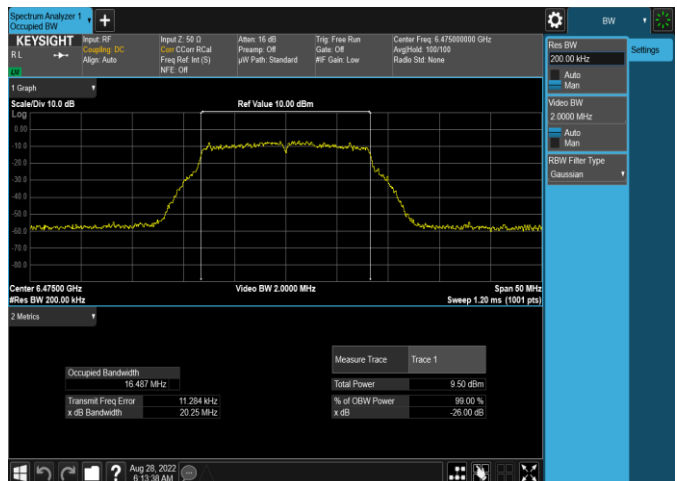
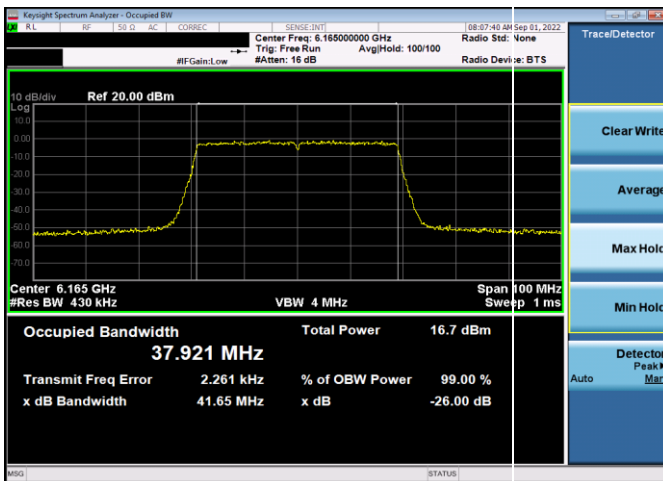
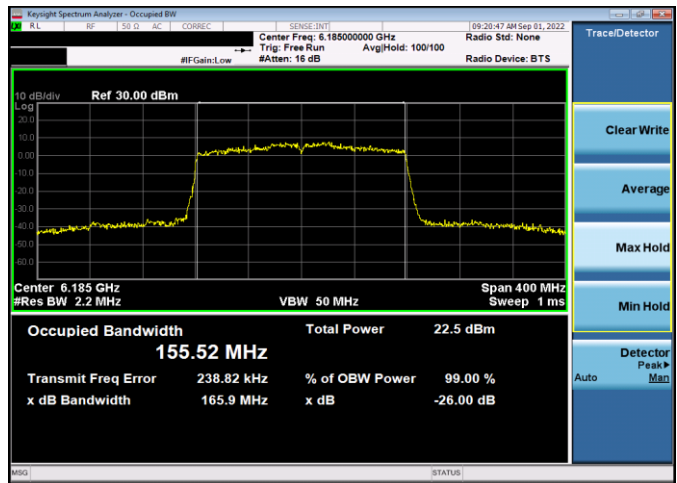
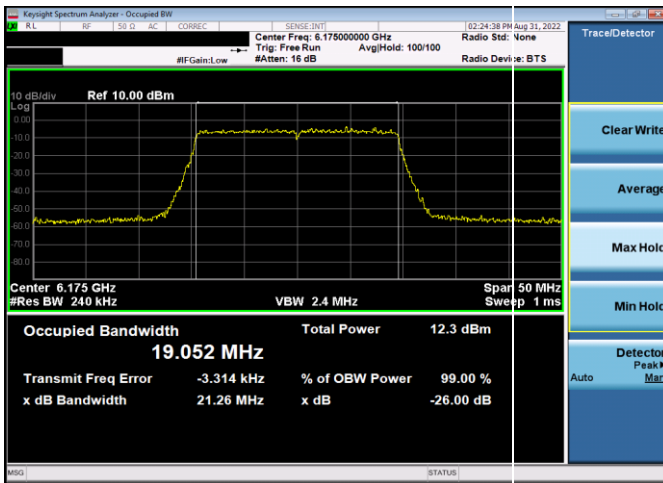
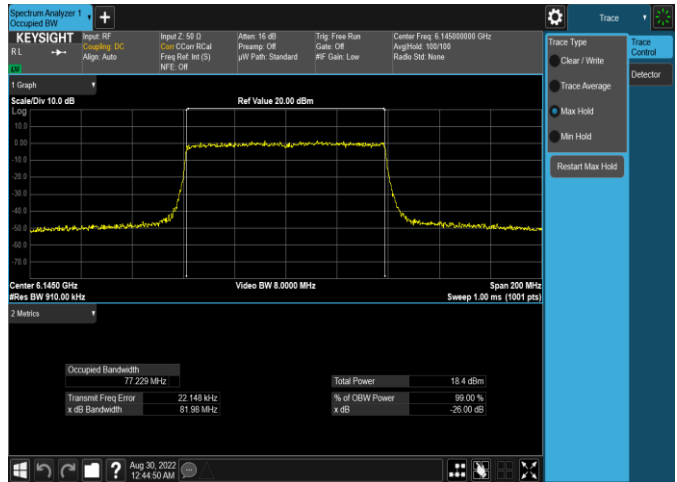
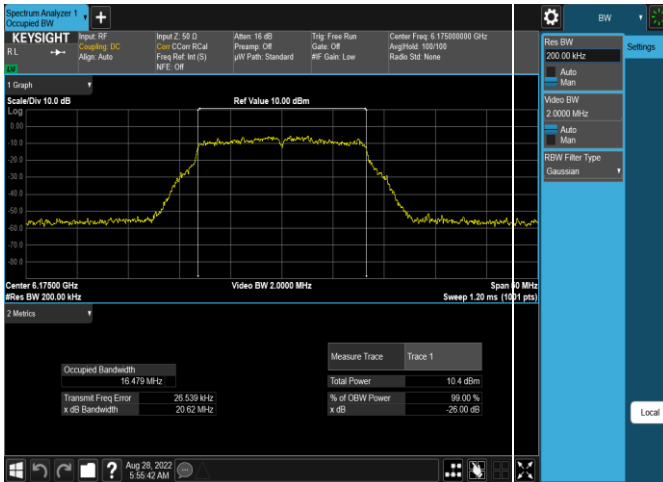
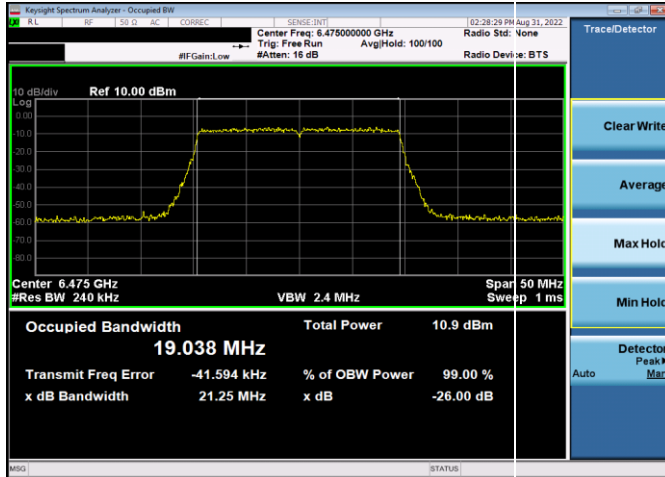


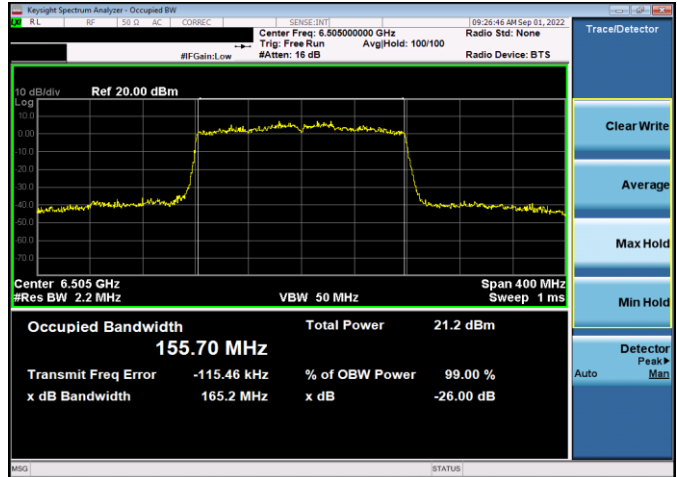
## Low Data Rate



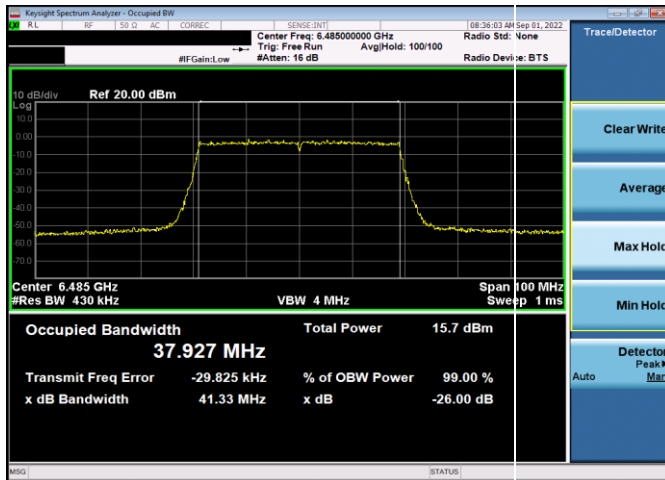
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 36 of 280                    |



Plot 7-67. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



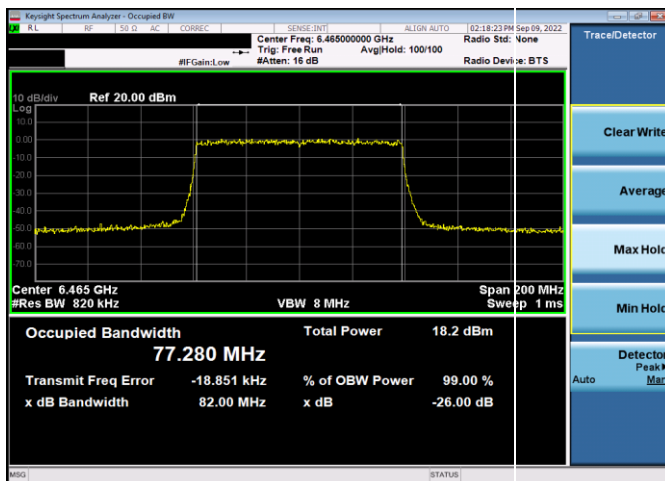
Plot 7-70. 26dB & 99% Bandwidth Plot Antenna WF5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



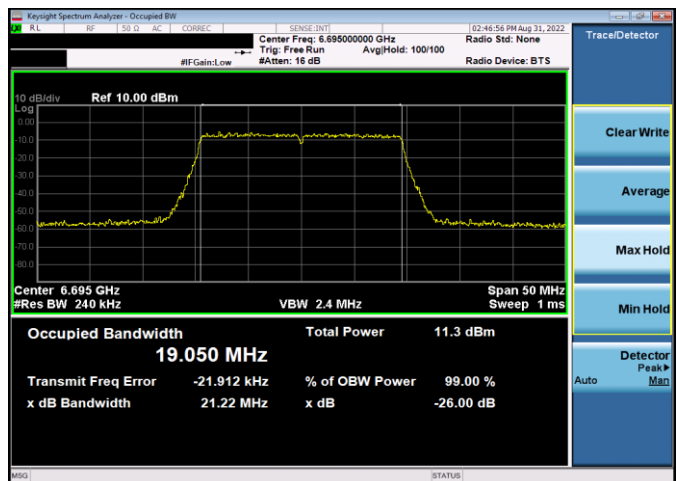
Plot 7-68. 26dB & 99% Bandwidth Plot Antenna WF5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-71. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)

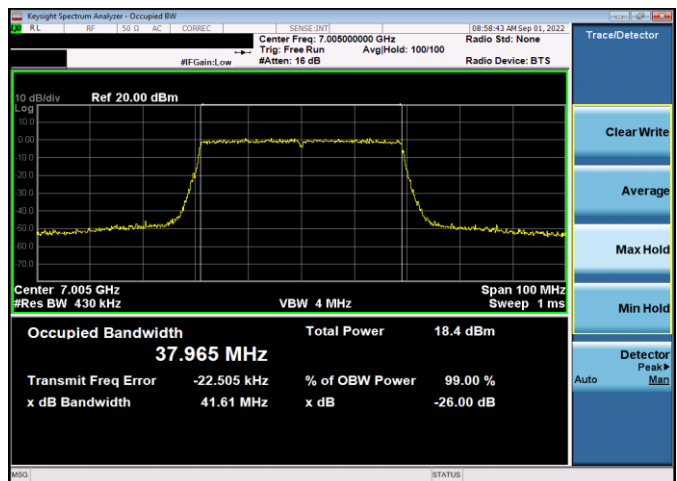
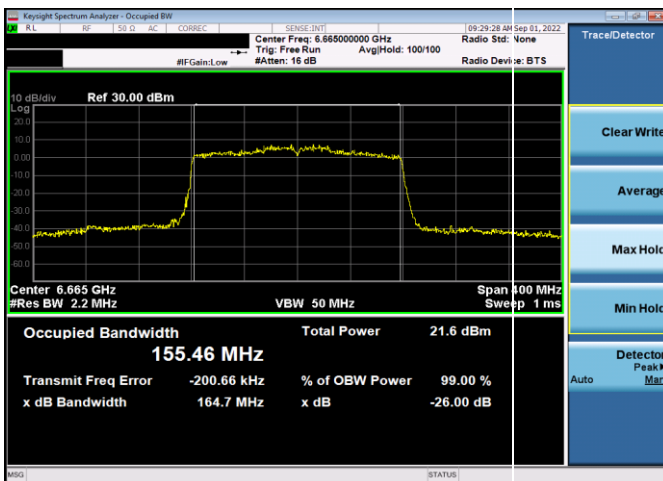
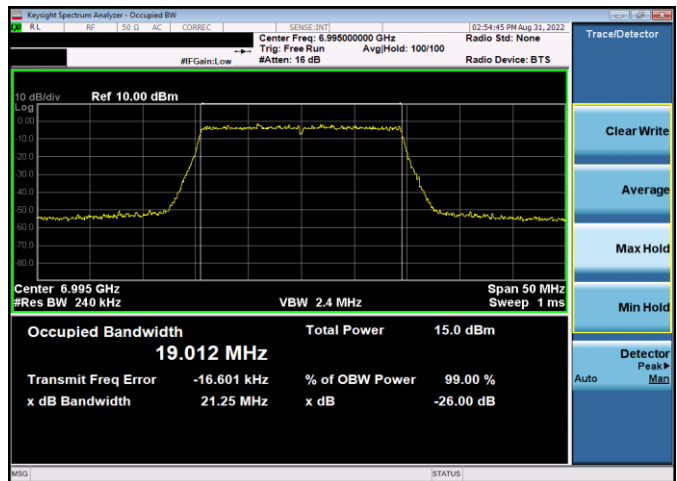
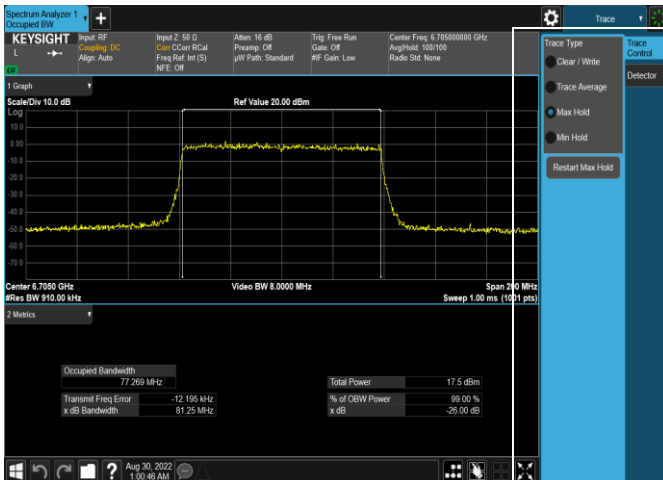
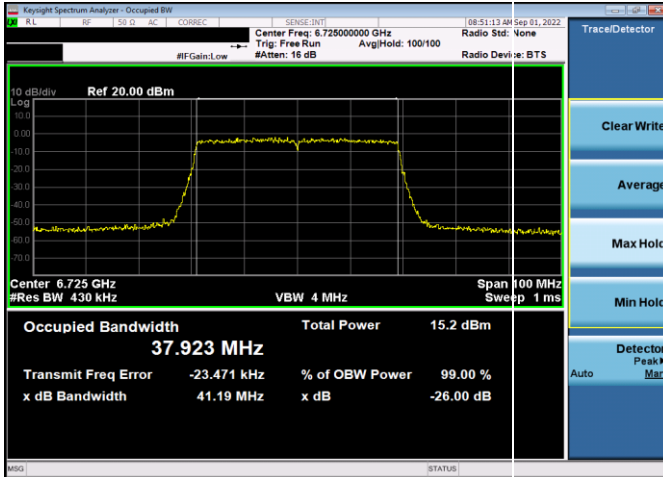


Plot 7-69. 26dB & 99% Bandwidth Plot Antenna WF5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)



Plot 7-72. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 37 of 280                    |



|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 38 of 280                    |



Plot 7-79. 26dB & 99% Bandwidth Plot Antenna WF5b (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)

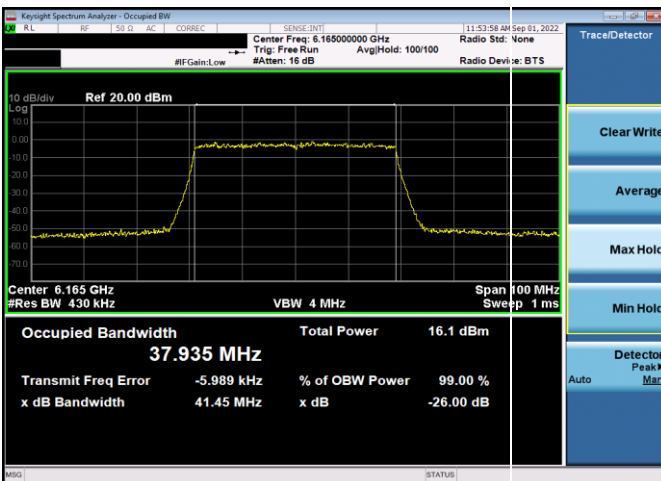
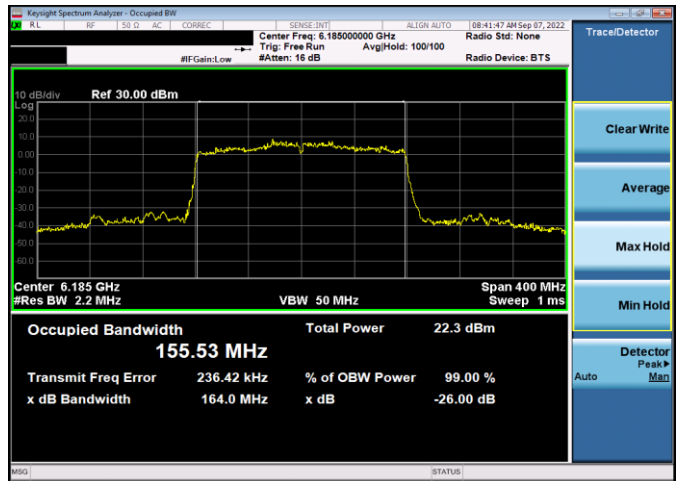
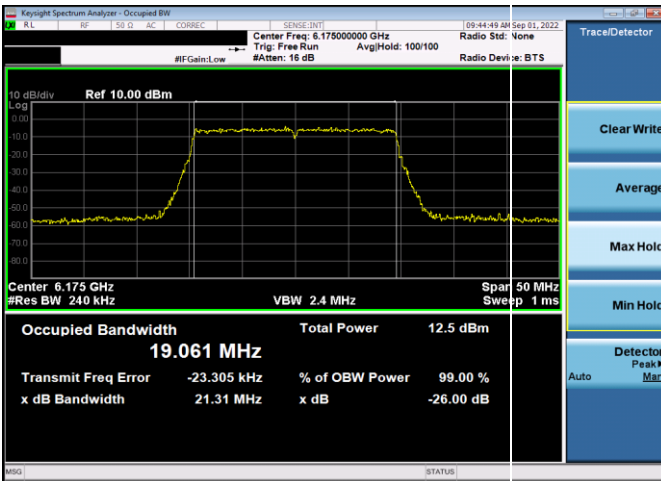
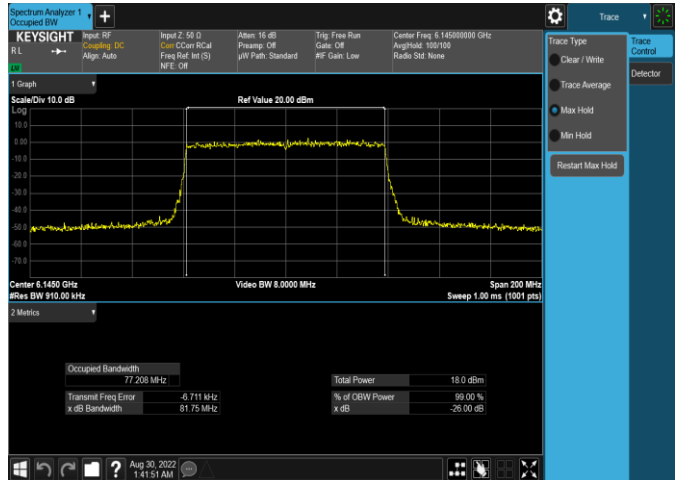


Plot 7-80. 26dB & 99% Bandwidth Plot Antenna WF5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)

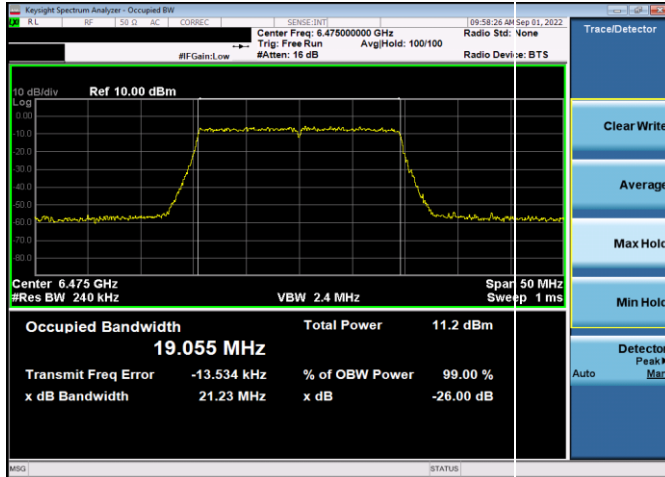
|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436                |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2205090027-11-R2.BCG | <b>Test Dates:</b><br>5/30/2022 - 9/16/2022                                                                                       | <b>EUT Type:</b><br>Tablet Device | Page 39 of 280                           |

V 10.5 12/15/2021

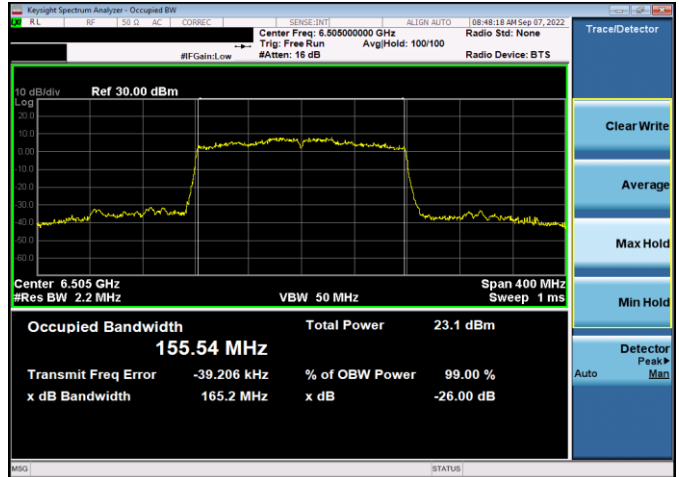
## Mid Data Rate



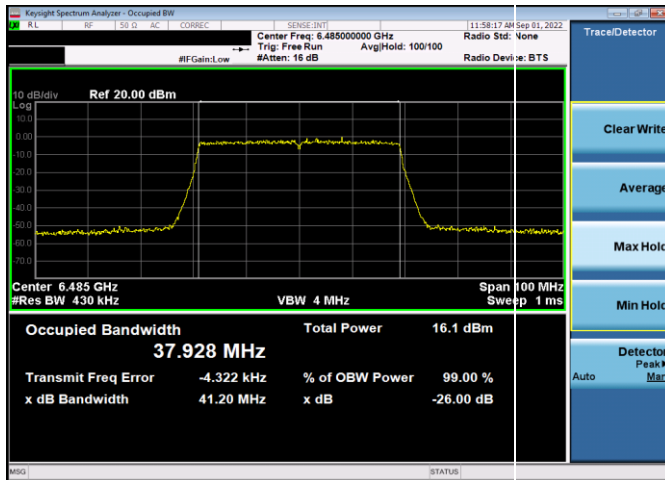
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 40 of 280                    |



Plot 7-87. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



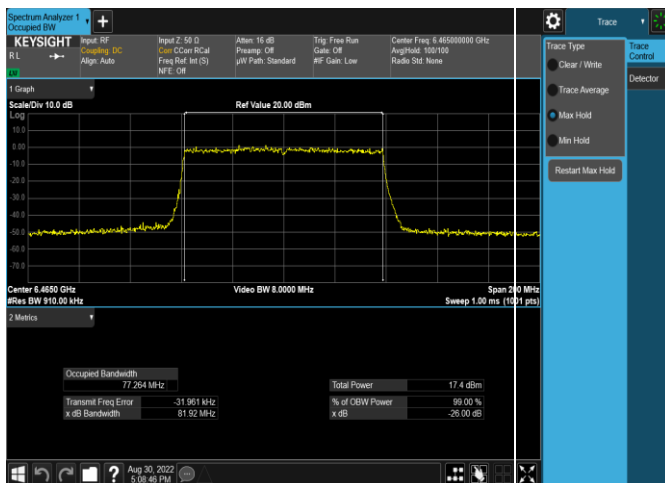
Plot 7-90. 26dB & 99% Bandwidth Plot Antenna WF5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



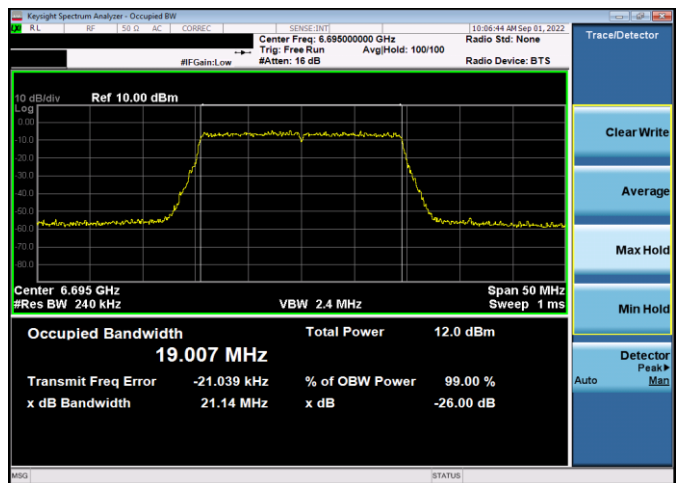
Plot 7-88. 26dB & 99% Bandwidth Plot Antenna WF5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-91. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

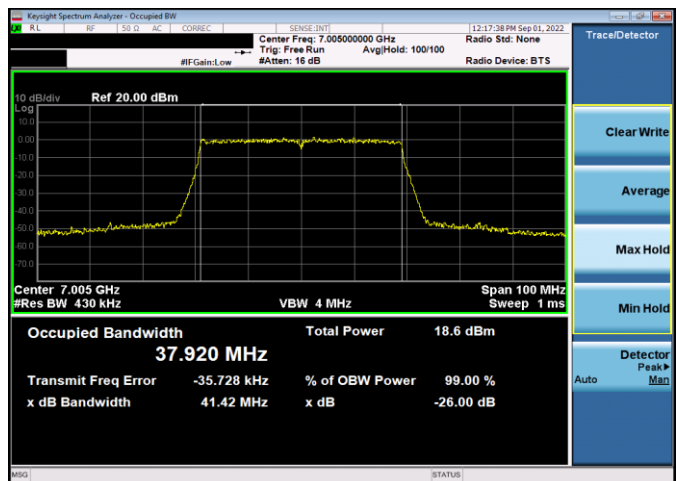
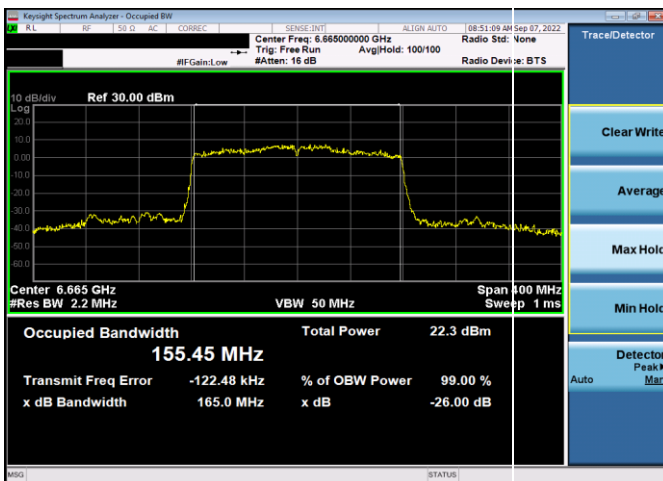
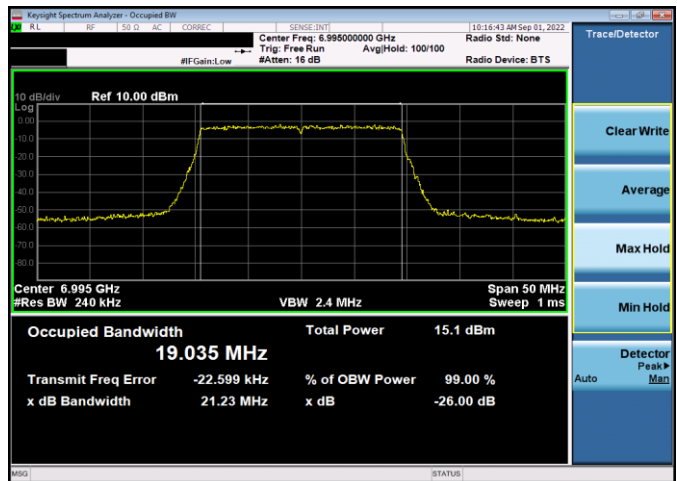
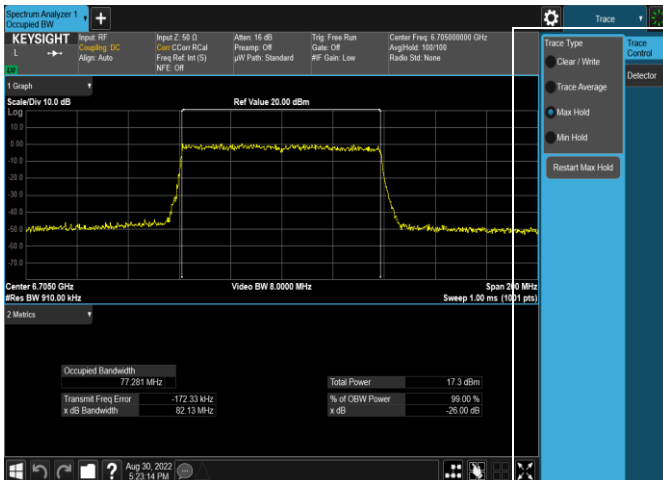
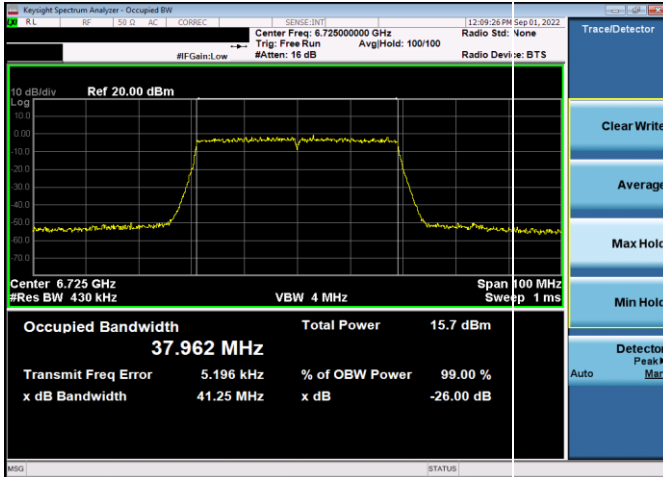


Plot 7-89. 26dB & 99% Bandwidth Plot Antenna WF5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

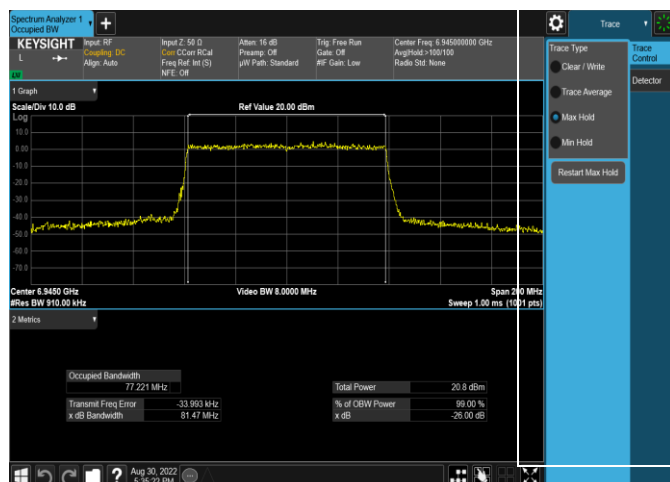


Plot 7-92. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

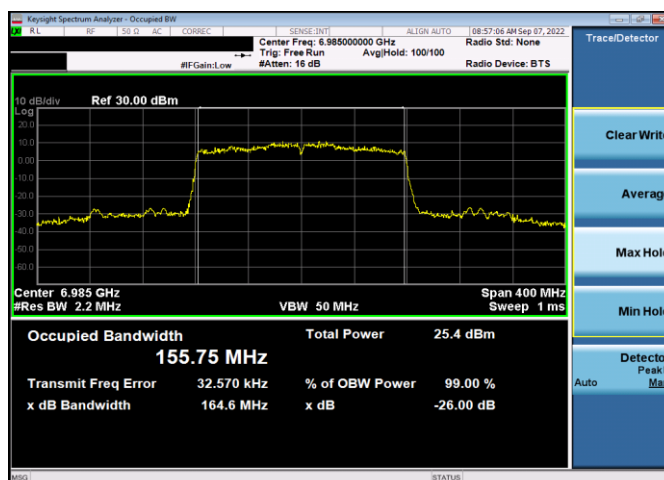
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 41 of 280                    |



|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 42 of 280                    |



Plot 7-99. 26dB & 99% Bandwidth Plot Antenna WF5b (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS4)

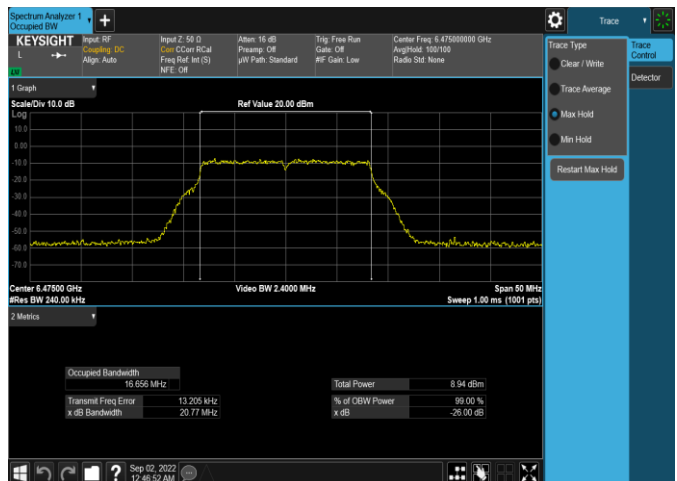
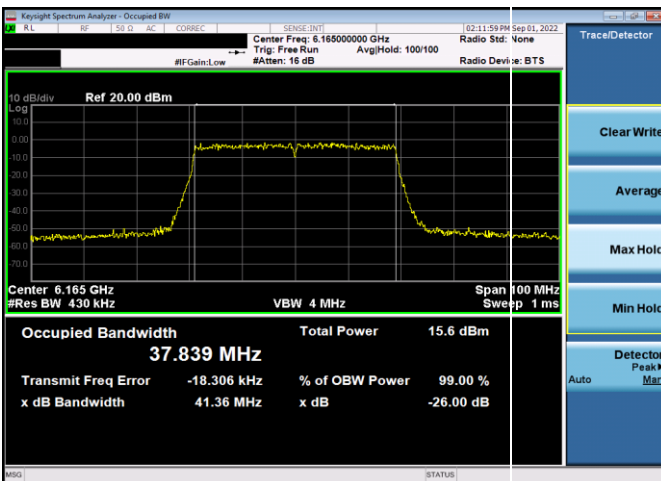
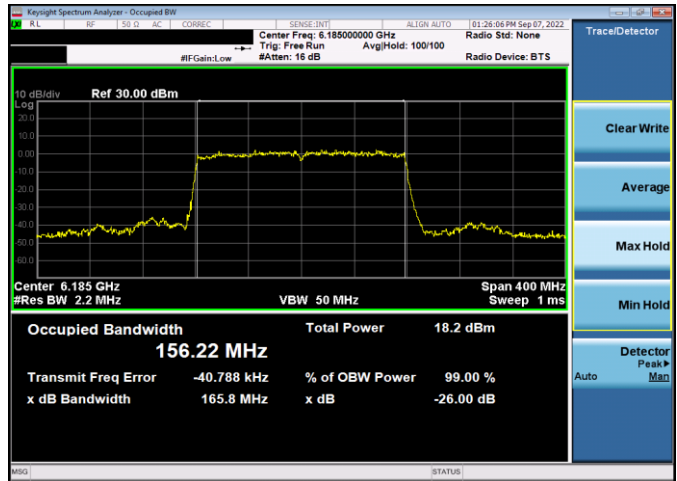
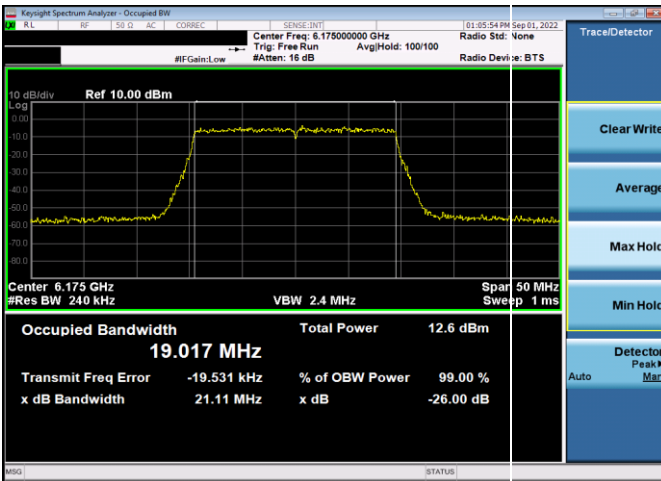
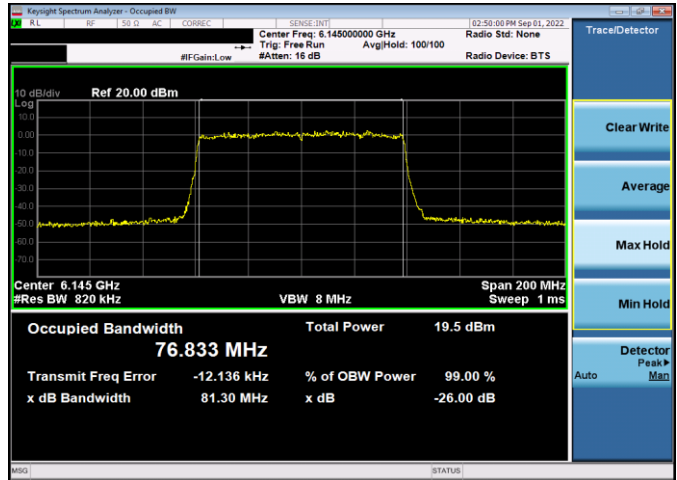


Plot 7-100. 26dB & 99% Bandwidth Plot Antenna WF5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS4)

|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436                |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2205090027-11-R2.BCG | <b>Test Dates:</b><br>5/30/2022 - 9/16/2022                                                                                       | <b>EUT Type:</b><br>Tablet Device | Page 43 of 280                           |

V 10.5 12/15/2021

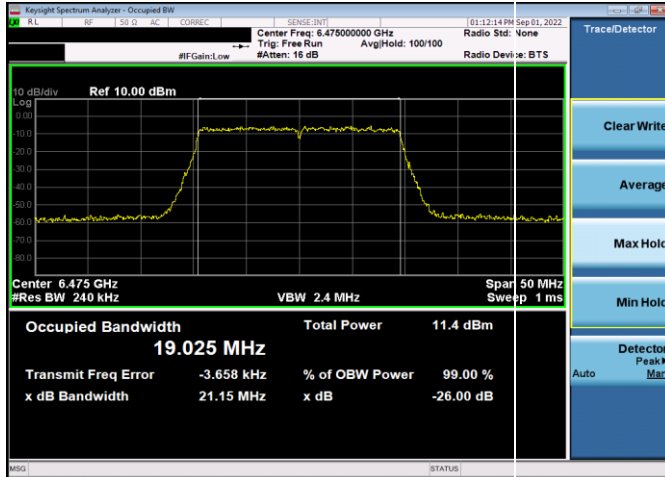
## High Data Rate



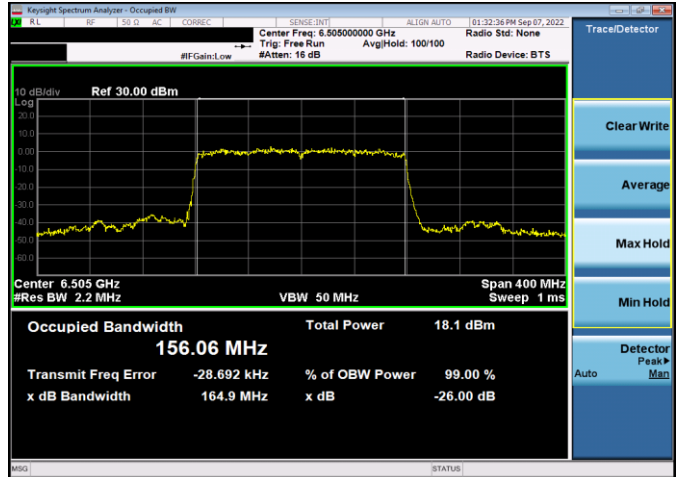
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 44 of 280                    |

V 10.5 12/15/2021

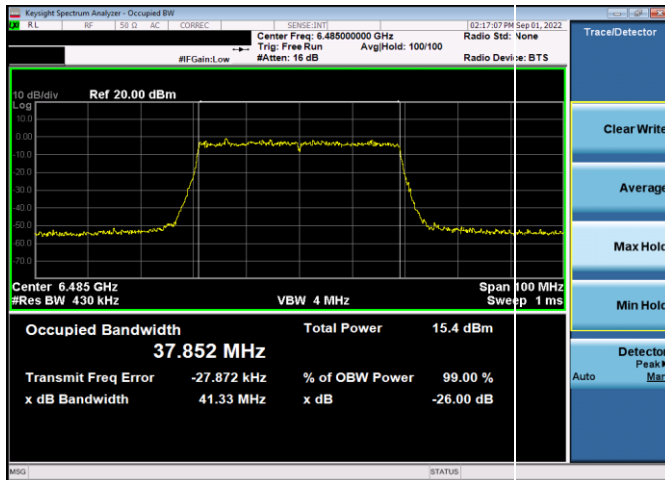
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).



Plot 7-107. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



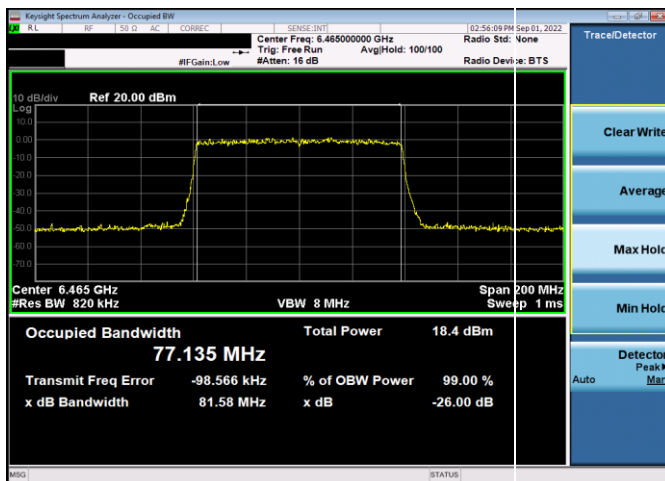
Plot 7-110. 26dB & 99% Bandwidth Plot Antenna WF5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



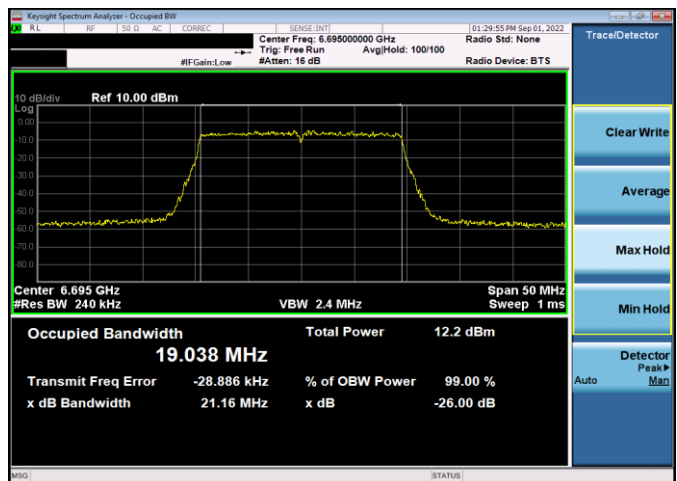
Plot 7-108. 26dB & 99% Bandwidth Plot Antenna WF5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-111. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

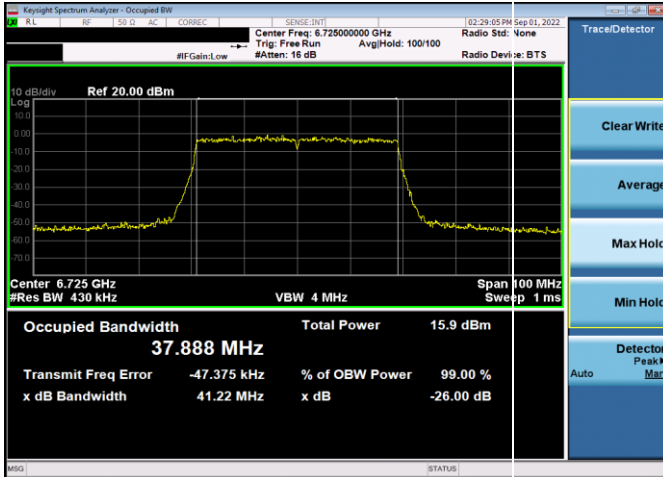


Plot 7-109. 26dB & 99% Bandwidth Plot Antenna WF5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)



Plot 7-112. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

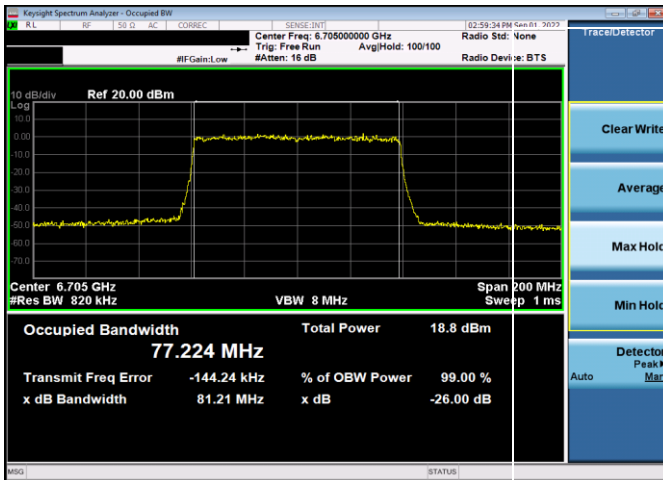
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 45 of 280                    |



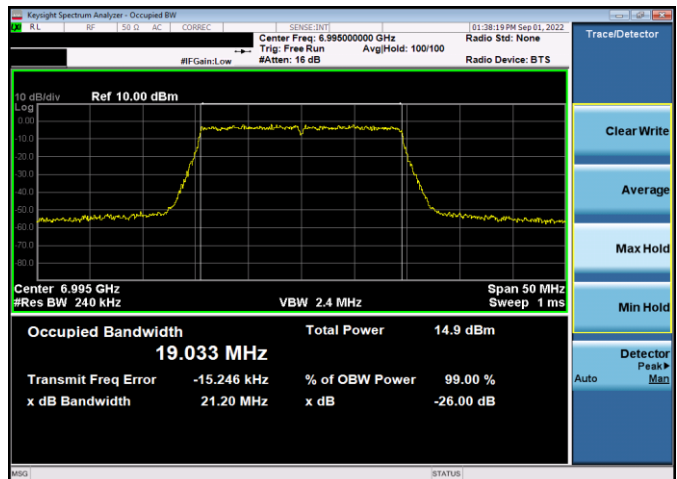
Plot 7-113. 26dB & 99% Bandwidth Plot Antenna WF5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



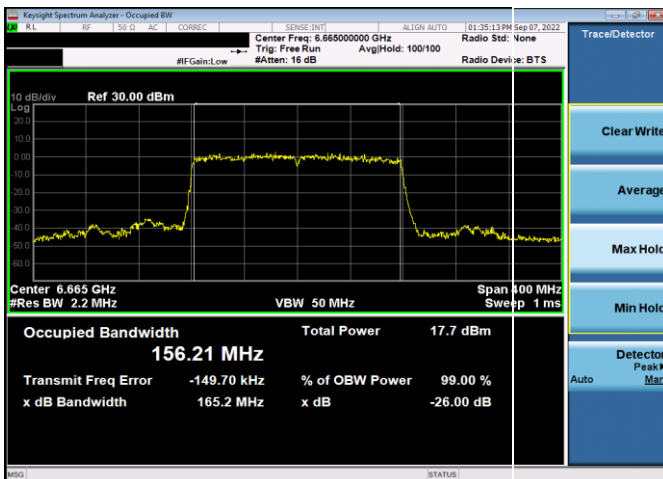
Plot 7-116. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



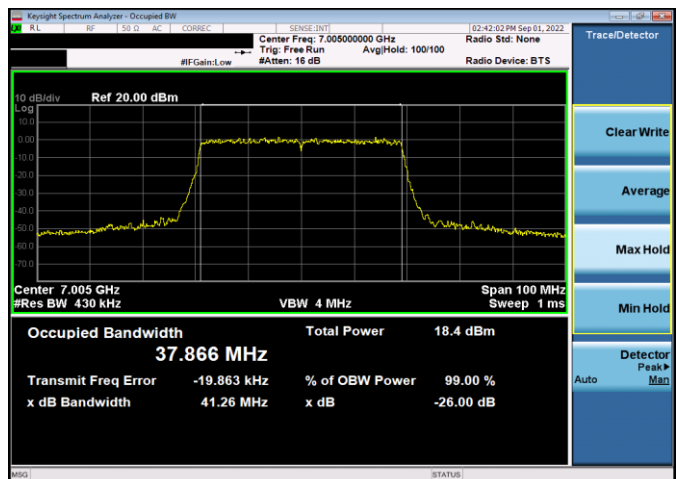
Plot 7-114. 26dB & 99% Bandwidth Plot Antenna WF5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-117. 26dB & 99% Bandwidth Plot Antenna WF5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

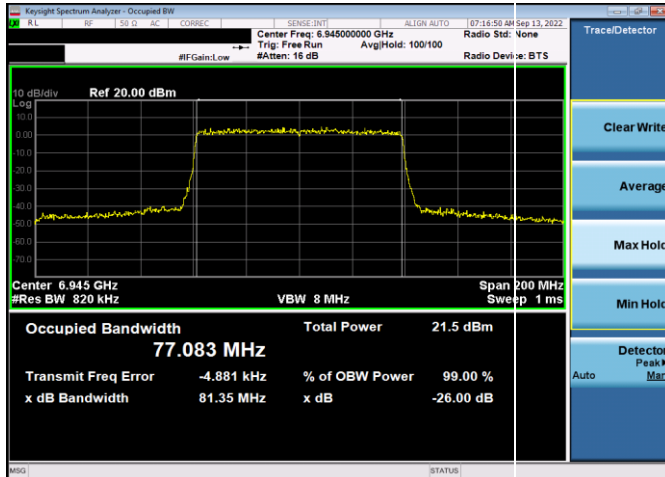


Plot 7-115. 26dB & 99% Bandwidth Plot Antenna WF5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

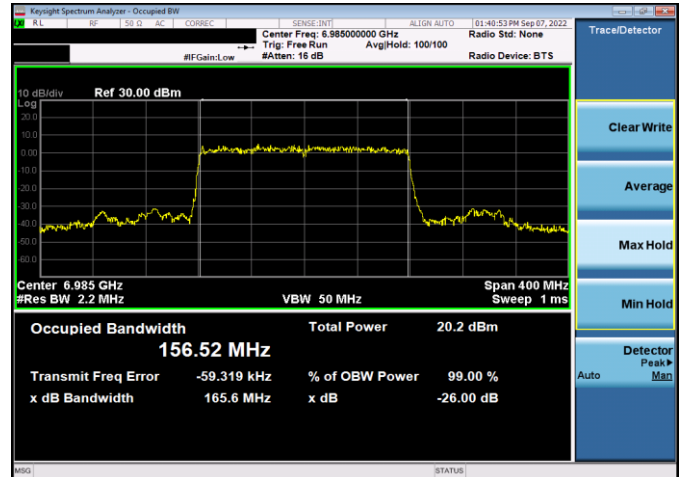


Plot 7-118. 26dB & 99% Bandwidth Plot Antenna WF5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 46 of 280                    |



Plot 7-119. 26dB & 99% Bandwidth Plot Antenna WF5b (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)



Plot 7-120. 26dB & 99% Bandwidth Plot Antenna WF5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 47 of 280                    |

V 10.5 12/15/2021

### 7.3 Conducted Output Power and Max EIRP Measurement – 802.11a/ax(SU) §15.407(a)(8), RSS-248 [4.6.2]

#### 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.

***In the 5.925 – 7.125GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 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 E)1) 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 7-2. Test Instrument & Measurement Setup

#### Test Notes

None

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 48 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

### 7.3.1 Antenna WF5t Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] |          | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|----------|-----------------|--------------------|--------------------------|----------------------|
|                        |                 |         |          | 802.11a               | 802.11ax |                 |                    |                          |                      |
|                        | 5955            | 1       | AVG      | 4.14                  | 4.18     | 1.30            | 5.48               | 24.00                    | -18.52               |
|                        | 6175            | 45      | AVG      | 3.49                  | 3.45     | -0.10           | 3.39               | 24.00                    | -20.61               |
|                        | 6415            | 93      | AVG      | 2.86                  | 2.90     | 0.50            | 3.40               | 24.00                    | -20.60               |
|                        | 6435            | 97      | AVG      | 2.94                  | 2.97     | 0.50            | 3.47               | 24.00                    | -20.53               |
|                        | 6475            | 105     | AVG      | 2.87                  | 2.93     | 0.50            | 3.43               | 24.00                    | -20.57               |
|                        | 6515            | 113     | AVG      | 2.94                  | 2.89     | 0.40            | 3.34               | 24.00                    | -20.66               |
|                        | 6535            | 117     | AVG      | 2.92                  | 2.94     | 0.40            | 3.34               | 24.00                    | -20.66               |
|                        | 6695            | 149     | AVG      | 2.87                  | 2.85     | 0.30            | 3.17               | 24.00                    | -20.83               |
|                        | 6875            | 185     | AVG      | 2.95                  | 2.91     | -1.20           | 1.75               | 24.00                    | -22.25               |
|                        | 6895            | 189     | AVG      | 6.39                  | 6.45     | -1.20           | 5.25               | 24.00                    | -18.75               |
|                        | 6995            | 209     | AVG      | 6.43                  | 6.35     | -1.90           | 4.53               | 24.00                    | -19.47               |
|                        | 7095            | 229     | AVG      | 6.35                  | 6.50     | -3.20           | 3.30               | 24.00                    | -20.70               |
|                        | 7115            | 233     | AVG      | 6.41                  | 6.35     | -3.20           | 3.21               | 24.00                    | -20.79               |

Table 7-8. Antenna WF5t 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] |          | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|----------|-----------------|--------------------|--------------------------|----------------------|
|                        |                 |         |          | 802.11a               | 802.11ax |                 |                    |                          |                      |
|                        | 5955            | 1       | AVG      | 4.14                  | 4.15     | 1.30            | 5.45               | 24.00                    | -18.55               |
|                        | 6175            | 45      | AVG      | 3.42                  | 3.49     | -0.10           | 3.39               | 24.00                    | -20.61               |
|                        | 6415            | 93      | AVG      | 2.87                  | 2.88     | 0.50            | 3.38               | 24.00                    | -20.62               |
|                        | 6435            | 97      | AVG      | 2.86                  | 2.99     | 0.50            | 3.49               | 24.00                    | -20.51               |
|                        | 6475            | 105     | AVG      | 2.91                  | 2.86     | 0.50            | 3.41               | 24.00                    | -20.59               |
|                        | 6515            | 113     | AVG      | 2.96                  | 2.87     | 0.40            | 3.36               | 24.00                    | -20.64               |
|                        | 6535            | 117     | AVG      | 2.87                  | 2.91     | 0.40            | 3.31               | 24.00                    | -20.69               |
|                        | 6695            | 149     | AVG      | 2.90                  | 2.87     | 0.30            | 3.20               | 24.00                    | -20.80               |
|                        | 6875            | 185     | AVG      | 2.97                  | 2.91     | -1.20           | 1.77               | 24.00                    | -22.23               |
|                        | 6895            | 189     | AVG      | 6.45                  | 6.49     | -1.20           | 5.29               | 24.00                    | -18.71               |
|                        | 6995            | 209     | AVG      | 6.46                  | 6.43     | -1.90           | 4.56               | 24.00                    | -19.44               |
|                        | 7095            | 229     | AVG      | 6.38                  | 6.36     | -3.20           | 3.18               | 24.00                    | -20.82               |
|                        | 7115            | 233     | AVG      | 5.86                  | 5.97     | -3.20           | 2.77               | 24.00                    | -21.23               |

Table 7-9. Antenna WF5t 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 49 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] |          | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|----------|-----------------|--------------------|--------------------------|----------------------|
|                        |                 |         |          | 802.11a               | 802.11ax |                 |                    |                          |                      |
|                        | 5955            | 1       | AVG      | 4.25                  | 4.12     | 1.30            | 5.55               | 24.00                    | -18.45               |
|                        | 6175            | 45      | AVG      | 3.35                  | 3.49     | -0.10           | 3.39               | 24.00                    | -20.61               |
|                        | 6415            | 93      | AVG      | 2.97                  | 2.96     | 0.50            | 3.47               | 24.00                    | -20.53               |
|                        | 6435            | 97      | AVG      | 2.87                  | 2.86     | 0.50            | 3.37               | 24.00                    | -20.63               |
|                        | 6475            | 105     | AVG      | 2.90                  | 2.99     | 0.50            | 3.49               | 24.00                    | -20.51               |
|                        | 6515            | 113     | AVG      | 2.91                  | 2.86     | 0.40            | 3.31               | 24.00                    | -20.69               |
|                        | 6535            | 117     | AVG      | 2.92                  | 2.85     | 0.40            | 3.32               | 24.00                    | -20.68               |
|                        | 6695            | 149     | AVG      | 2.97                  | 2.96     | 0.30            | 3.27               | 24.00                    | -20.73               |
|                        | 6875            | 185     | AVG      | 2.91                  | 2.95     | -1.20           | 1.75               | 24.00                    | -22.25               |
|                        | 6895            | 189     | AVG      | 6.35                  | 6.36     | -1.20           | 5.16               | 24.00                    | -18.84               |
|                        | 6995            | 209     | AVG      | 6.37                  | 6.39     | -1.90           | 4.49               | 24.00                    | -19.51               |
|                        | 7095            | 229     | AVG      | 6.47                  | 6.43     | -3.20           | 3.27               | 24.00                    | -20.73               |
|                        | 7115            | 233     | AVG      | 5.44                  | 5.37     | -3.20           | 2.24               | 24.00                    | -21.76               |

Table 7-10. Antenna WF5t 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5965            | 3       | AVG      | 7.21                  | 1.30            | 8.51               | 24.00                    | -15.49               |
|                        | 6165            | 43      | AVG      | 6.39                  | -0.10           | 6.29               | 24.00                    | -17.71               |
|                        | 6405            | 91      | AVG      | 5.90                  | 0.20            | 6.10               | 24.00                    | -17.90               |
|                        | 6445            | 99      | AVG      | 5.97                  | 0.50            | 6.47               | 24.00                    | -17.53               |
|                        | 6485            | 107     | AVG      | 5.91                  | 0.50            | 6.41               | 24.00                    | -17.59               |
|                        | 6525            | 115     | AVG      | 5.91                  | 0.40            | 6.31               | 24.00                    | -17.69               |
|                        | 6565            | 123     | AVG      | 5.98                  | 0.40            | 6.38               | 24.00                    | -17.62               |
|                        | 6725            | 155     | AVG      | 5.87                  | 0.00            | 5.87               | 24.00                    | -18.13               |
|                        | 6845            | 179     | AVG      | 5.87                  | -1.20           | 4.67               | 24.00                    | -19.33               |
|                        | 6885            | 187     | AVG      | 5.96                  | -1.20           | 4.76               | 24.00                    | -19.24               |
|                        | 7005            | 211     | AVG      | 9.44                  | -1.90           | 7.54               | 24.00                    | -16.46               |
|                        | 7085            | 227     | AVG      | 9.41                  | -2.30           | 7.11               | 24.00                    | -16.89               |

Table 7-11. Antenna WF5t 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 50 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5965            | 3       | AVG      | 7.15                  | 1.30            | 8.45               | 24.00                    | -15.55               |
|                        | 6165            | 43      | AVG      | 6.42                  | -0.10           | 6.32               | 24.00                    | -17.68               |
|                        | 6405            | 91      | AVG      | 5.94                  | 0.20            | 6.14               | 24.00                    | -17.86               |
|                        | 6445            | 99      | AVG      | 5.92                  | 0.50            | 6.42               | 24.00                    | -17.58               |
|                        | 6485            | 107     | AVG      | 5.89                  | 0.50            | 6.39               | 24.00                    | -17.61               |
|                        | 6525            | 115     | AVG      | 5.97                  | 0.40            | 6.37               | 24.00                    | -17.63               |
|                        | 6565            | 123     | AVG      | 5.97                  | 0.40            | 6.37               | 24.00                    | -17.63               |
|                        | 6725            | 155     | AVG      | 5.91                  | 0.00            | 5.91               | 24.00                    | -18.09               |
|                        | 6845            | 179     | AVG      | 5.99                  | -1.20           | 4.79               | 24.00                    | -19.21               |
|                        | 6885            | 187     | AVG      | 6.00                  | -1.20           | 4.80               | 24.00                    | -19.20               |
|                        | 7005            | 211     | AVG      | 9.42                  | -1.90           | 7.52               | 24.00                    | -16.48               |
|                        | 7085            | 227     | AVG      | 9.41                  | -2.30           | 7.11               | 24.00                    | -16.89               |

Table 7-12. Antenna WF5t 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5965            | 3       | AVG      | 7.12                  | 1.30            | 8.42               | 24.00                    | -15.58               |
|                        | 6165            | 43      | AVG      | 6.39                  | -0.10           | 6.29               | 24.00                    | -17.71               |
|                        | 6405            | 91      | AVG      | 5.89                  | 0.20            | 6.09               | 24.00                    | -17.91               |
|                        | 6445            | 99      | AVG      | 5.99                  | 0.50            | 6.49               | 24.00                    | -17.51               |
|                        | 6485            | 107     | AVG      | 5.90                  | 0.50            | 6.40               | 24.00                    | -17.60               |
|                        | 6525            | 115     | AVG      | 5.97                  | 0.40            | 6.37               | 24.00                    | -17.63               |
|                        | 6565            | 123     | AVG      | 5.86                  | 0.40            | 6.26               | 24.00                    | -17.74               |
|                        | 6725            | 155     | AVG      | 5.97                  | 0.00            | 5.97               | 24.00                    | -18.03               |
|                        | 6845            | 179     | AVG      | 5.96                  | -1.20           | 4.76               | 24.00                    | -19.24               |
|                        | 6885            | 187     | AVG      | 5.99                  | -1.20           | 4.79               | 24.00                    | -19.21               |
|                        | 7005            | 211     | AVG      | 9.40                  | -1.90           | 7.50               | 24.00                    | -16.50               |
|                        | 7085            | 227     | AVG      | 9.48                  | -2.30           | 7.18               | 24.00                    | -16.82               |

Table 7-13. Antenna WF5t 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 51 of 280                    |

V 10.5 12/15/2021

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5985            | 7       | AVG      | 10.22                 | 1.30            | 11.52              | 24.00                    | -12.48               |
|                        | 6145            | 39      | AVG      | 9.40                  | -0.10           | 9.30               | 24.00                    | -14.70               |
|                        | 6385            | 87      | AVG      | 8.89                  | 0.20            | 9.09               | 24.00                    | -14.91               |
|                        | 6465            | 103     | AVG      | 8.90                  | 0.50            | 9.40               | 24.00                    | -14.60               |
|                        | 6545            | 119     | AVG      | 8.91                  | 0.40            | 9.31               | 24.00                    | -14.69               |
|                        | 6705            | 151     | AVG      | 8.92                  | 0.30            | 9.22               | 24.00                    | -14.78               |
|                        | 6865            | 183     | AVG      | 8.98                  | -1.20           | 7.78               | 24.00                    | -16.22               |
|                        | 6945            | 199     | AVG      | 12.38                 | -1.90           | 10.48              | 24.00                    | -13.52               |
|                        | 7025            | 215     | AVG      | 12.45                 | -2.30           | 10.15              | 24.00                    | -13.85               |

Table 7-14. Antenna WF5t 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5985            | 7       | AVG      | 10.16                 | 1.30            | 11.46              | 24.00                    | -12.54               |
|                        | 6145            | 39      | AVG      | 9.41                  | -0.10           | 9.31               | 24.00                    | -14.69               |
|                        | 6385            | 87      | AVG      | 8.85                  | 0.20            | 9.05               | 24.00                    | -14.95               |
|                        | 6465            | 103     | AVG      | 8.95                  | 0.50            | 9.45               | 24.00                    | -14.55               |
|                        | 6545            | 119     | AVG      | 8.88                  | 0.40            | 9.28               | 24.00                    | -14.72               |
|                        | 6705            | 151     | AVG      | 8.97                  | 0.30            | 9.27               | 24.00                    | -14.73               |
|                        | 6865            | 183     | AVG      | 8.87                  | -1.20           | 7.67               | 24.00                    | -16.33               |
|                        | 6945            | 199     | AVG      | 12.43                 | -1.90           | 10.53              | 24.00                    | -13.47               |
|                        | 7025            | 215     | AVG      | 12.49                 | -2.30           | 10.19              | 24.00                    | -13.81               |

Table 7-15. Antenna WF5t 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5985            | 7       | AVG      | 10.21                 | 1.30            | 11.51              | 24.00                    | -12.49               |
|                        | 6145            | 39      | AVG      | 9.39                  | -0.10           | 9.29               | 24.00                    | -14.71               |
|                        | 6385            | 87      | AVG      | 8.85                  | 0.20            | 9.05               | 24.00                    | -14.95               |
|                        | 6465            | 103     | AVG      | 8.92                  | 0.50            | 9.42               | 24.00                    | -14.58               |
|                        | 6545            | 119     | AVG      | 8.93                  | 0.40            | 9.33               | 24.00                    | -14.67               |
|                        | 6705            | 151     | AVG      | 8.86                  | 0.30            | 9.16               | 24.00                    | -14.84               |
|                        | 6865            | 183     | AVG      | 8.98                  | -1.20           | 7.78               | 24.00                    | -16.22               |
|                        | 6945            | 199     | AVG      | 12.45                 | -1.90           | 10.55              | 24.00                    | -13.45               |
|                        | 7025            | 215     | AVG      | 12.35                 | -2.30           | 10.05              | 24.00                    | -13.95               |

Table 7-16. Antenna WF5t 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 52 of 280                    |

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                         | 6025            | 15      | AVG      | 13.68                 | 0.10            | 13.78              | 24.00                    | -10.22               |
|                         | 6185            | 47      | AVG      | 12.90                 | -0.10           | 12.80              | 24.00                    | -11.20               |
|                         | 6345            | 79      | AVG      | 12.36                 | 0.20            | 12.56              | 24.00                    | -11.44               |
|                         | 6505            | 111     | AVG      | 12.49                 | 0.40            | 12.89              | 24.00                    | -11.11               |
|                         | 6665            | 143     | AVG      | 12.35                 | 0.30            | 12.65              | 24.00                    | -11.35               |
|                         | 6825            | 175     | AVG      | 12.44                 | -1.20           | 11.24              | 24.00                    | -12.76               |
|                         | 6985            | 207     | AVG      | 15.98                 | -1.90           | 14.08              | 24.00                    | -9.92                |

Table 7-17. Antenna WF5t 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                         | 6025            | 15      | AVG      | 13.61                 | 0.10            | 13.71              | 24.00                    | -10.29               |
|                         | 6185            | 47      | AVG      | 12.98                 | -0.10           | 12.88              | 24.00                    | -11.12               |
|                         | 6345            | 79      | AVG      | 12.40                 | 0.20            | 12.60              | 24.00                    | -11.40               |
|                         | 6505            | 111     | AVG      | 12.44                 | 0.40            | 12.84              | 24.00                    | -11.16               |
|                         | 6665            | 143     | AVG      | 12.49                 | 0.30            | 12.79              | 24.00                    | -11.21               |
|                         | 6825            | 175     | AVG      | 12.40                 | -1.20           | 11.20              | 24.00                    | -12.80               |
|                         | 6985            | 207     | AVG      | 16.00                 | -1.90           | 14.10              | 24.00                    | -9.90                |

Table 7-18. Antenna WF5t 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                         | 6025            | 15      | AVG      | 13.65                 | 0.10            | 13.75              | 24.00                    | -10.25               |
|                         | 6185            | 47      | AVG      | 12.90                 | -0.10           | 12.80              | 24.00                    | -11.20               |
|                         | 6345            | 79      | AVG      | 12.44                 | 0.20            | 12.64              | 24.00                    | -11.36               |
|                         | 6505            | 111     | AVG      | 12.48                 | 0.40            | 12.88              | 24.00                    | -11.12               |
|                         | 6665            | 143     | AVG      | 12.38                 | 0.30            | 12.68              | 24.00                    | -11.32               |
|                         | 6825            | 175     | AVG      | 12.42                 | -1.20           | 11.22              | 24.00                    | -12.78               |
|                         | 6985            | 207     | AVG      | 15.94                 | -1.90           | 14.04              | 24.00                    | -9.96                |

Table 7-19. Antenna WF5t 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 53 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

### 7.3.2 Antenna WF5b Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] |          | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|----------|-----------------|--------------------|--------------------------|----------------------|
|                        |                 |         |          | 802.11a               | 802.11ax |                 |                    |                          |                      |
|                        | 5955            | 1       | AVG      | 4.17                  | 4.23     | 2.20            | 6.43               | 24.00                    | -17.57               |
|                        | 6175            | 45      | AVG      | 3.43                  | 3.36     | 2.90            | 6.33               | 24.00                    | -17.67               |
|                        | 6415            | 93      | AVG      | 2.98                  | 2.92     | 4.30            | 7.28               | 24.00                    | -16.72               |
|                        | 6435            | 97      | AVG      | 2.96                  | 2.87     | 4.30            | 7.26               | 24.00                    | -16.74               |
|                        | 6475            | 105     | AVG      | 2.87                  | 2.96     | 4.30            | 7.26               | 24.00                    | -16.74               |
|                        | 6515            | 113     | AVG      | 2.90                  | 2.95     | 4.40            | 7.35               | 24.00                    | -16.65               |
|                        | 6535            | 117     | AVG      | 2.99                  | 2.95     | 4.40            | 7.39               | 24.00                    | -16.61               |
|                        | 6695            | 149     | AVG      | 2.94                  | 2.86     | 4.20            | 7.14               | 24.00                    | -16.86               |
|                        | 6875            | 185     | AVG      | 2.94                  | 3.00     | 2.10            | 5.10               | 24.00                    | -18.90               |
|                        | 6895            | 189     | AVG      | 6.41                  | 6.50     | 2.10            | 8.60               | 24.00                    | -15.40               |
|                        | 6995            | 209     | AVG      | 6.36                  | 6.45     | 1.00            | 7.45               | 24.00                    | -16.55               |
|                        | 7095            | 229     | AVG      | 6.44                  | 6.49     | 0.50            | 6.99               | 24.00                    | -17.01               |
|                        | 7115            | 233     | AVG      | 6.38                  | 6.36     | 0.50            | 6.88               | 24.00                    | -17.12               |

Table 7-20. Antenna WF5b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] |          | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|----------|-----------------|--------------------|--------------------------|----------------------|
|                        |                 |         |          | 802.11a               | 802.11ax |                 |                    |                          |                      |
|                        | 5955            | 1       | AVG      | 4.19                  | 4.12     | 2.20            | 6.39               | 24.00                    | -17.61               |
|                        | 6175            | 45      | AVG      | 3.45                  | 3.46     | 2.90            | 6.36               | 24.00                    | -17.64               |
|                        | 6415            | 93      | AVG      | 2.95                  | 2.94     | 4.30            | 7.25               | 24.00                    | -16.75               |
|                        | 6435            | 97      | AVG      | 2.97                  | 3.00     | 4.30            | 7.30               | 24.00                    | -16.70               |
|                        | 6475            | 105     | AVG      | 2.90                  | 2.92     | 4.30            | 7.22               | 24.00                    | -16.78               |
|                        | 6515            | 113     | AVG      | 2.86                  | 2.93     | 4.40            | 7.33               | 24.00                    | -16.67               |
|                        | 6535            | 117     | AVG      | 2.88                  | 2.88     | 4.40            | 7.28               | 24.00                    | -16.72               |
|                        | 6695            | 149     | AVG      | 2.92                  | 2.95     | 4.20            | 7.15               | 24.00                    | -16.85               |
|                        | 6875            | 185     | AVG      | 2.97                  | 2.89     | 2.10            | 5.07               | 24.00                    | -18.93               |
|                        | 6895            | 189     | AVG      | 6.41                  | 6.47     | 2.10            | 8.57               | 24.00                    | -15.43               |
|                        | 6995            | 209     | AVG      | 6.50                  | 6.40     | 1.00            | 7.50               | 24.00                    | -16.50               |
|                        | 7095            | 229     | AVG      | 6.38                  | 6.42     | 0.50            | 6.92               | 24.00                    | -17.08               |
|                        | 7115            | 233     | AVG      | 5.96                  | 5.90     | 0.50            | 6.46               | 24.00                    | -17.54               |

Table 7-21. Antenna WF5b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 54 of 280                    |

V 10.5 12/15/2021

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] |          | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|----------|-----------------|--------------------|--------------------------|----------------------|
|                        |                 |         |          | 802.11a               | 802.11ax |                 |                    |                          |                      |
|                        | 5955            | 1       | AVG      | 4.15                  | 4.11     | 2.20            | 6.35               | 24.00                    | -17.65               |
|                        | 6175            | 45      | AVG      | 3.47                  | 3.45     | 2.90            | 6.37               | 24.00                    | -17.63               |
|                        | 6415            | 93      | AVG      | 2.99                  | 2.98     | 4.30            | 7.29               | 24.00                    | -16.71               |
|                        | 6435            | 97      | AVG      | 2.89                  | 2.87     | 4.30            | 7.19               | 24.00                    | -16.81               |
|                        | 6475            | 105     | AVG      | 3.00                  | 2.94     | 4.30            | 7.30               | 24.00                    | -16.70               |
|                        | 6515            | 113     | AVG      | 2.97                  | 3.00     | 4.40            | 7.40               | 24.00                    | -16.60               |
|                        | 6535            | 117     | AVG      | 2.92                  | 2.87     | 4.40            | 7.32               | 24.00                    | -16.68               |
|                        | 6695            | 149     | AVG      | 3.00                  | 2.89     | 4.20            | 7.20               | 24.00                    | -16.80               |
|                        | 6875            | 185     | AVG      | 3.00                  | 2.90     | 2.10            | 5.10               | 24.00                    | -18.90               |
|                        | 6895            | 189     | AVG      | 6.48                  | 6.40     | 2.10            | 8.58               | 24.00                    | -15.42               |
|                        | 6995            | 209     | AVG      | 6.40                  | 6.48     | 1.00            | 7.48               | 24.00                    | -16.52               |
|                        | 7095            | 229     | AVG      | 6.41                  | 6.49     | 0.50            | 6.99               | 24.00                    | -17.01               |
|                        | 7115            | 233     | AVG      | 5.43                  | 5.44     | 0.50            | 5.94               | 24.00                    | -18.06               |

Table 7-22. Antenna WF5b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5965            | 3       | AVG      | 7.15                  | 2.20            | 9.35               | 24.00                    | -14.65               |
|                        | 6165            | 43      | AVG      | 6.49                  | 2.90            | 9.39               | 24.00                    | -14.61               |
|                        | 6405            | 91      | AVG      | 5.89                  | 4.50            | 10.39              | 24.00                    | -13.61               |
|                        | 6445            | 99      | AVG      | 5.92                  | 4.30            | 10.22              | 24.00                    | -13.78               |
|                        | 6485            | 107     | AVG      | 5.96                  | 4.30            | 10.26              | 24.00                    | -13.74               |
|                        | 6525            | 115     | AVG      | 5.97                  | 4.40            | 10.37              | 24.00                    | -13.63               |
|                        | 6565            | 123     | AVG      | 5.85                  | 4.40            | 10.25              | 24.00                    | -13.75               |
|                        | 6725            | 155     | AVG      | 5.87                  | 3.40            | 9.27               | 24.00                    | -14.73               |
|                        | 6845            | 179     | AVG      | 5.91                  | 2.10            | 8.01               | 24.00                    | -15.99               |
|                        | 6885            | 187     | AVG      | 5.87                  | 2.10            | 7.97               | 24.00                    | -16.03               |
|                        | 7005            | 211     | AVG      | 9.45                  | 1.00            | 10.45              | 24.00                    | -13.55               |
|                        | 7085            | 227     | AVG      | 9.42                  | 0.20            | 9.62               | 24.00                    | -14.38               |

Table 7-23. Antenna WF5b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 55 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5965            | 3       | AVG      | 7.23                  | 2.20            | 9.43               | 24.00                    | -14.57               |
|                        | 6165            | 43      | AVG      | 6.40                  | 2.90            | 9.30               | 24.00                    | -14.70               |
|                        | 6405            | 91      | AVG      | 5.93                  | 4.50            | 10.43              | 24.00                    | -13.57               |
|                        | 6445            | 99      | AVG      | 5.88                  | 4.30            | 10.18              | 24.00                    | -13.82               |
|                        | 6485            | 107     | AVG      | 5.87                  | 4.30            | 10.17              | 24.00                    | -13.83               |
|                        | 6525            | 115     | AVG      | 5.95                  | 4.40            | 10.35              | 24.00                    | -13.65               |
|                        | 6565            | 123     | AVG      | 6.00                  | 4.40            | 10.40              | 24.00                    | -13.60               |
|                        | 6725            | 155     | AVG      | 5.94                  | 3.40            | 9.34               | 24.00                    | -14.66               |
|                        | 6845            | 179     | AVG      | 5.95                  | 2.10            | 8.05               | 24.00                    | -15.95               |
|                        | 6885            | 187     | AVG      | 5.88                  | 2.10            | 7.98               | 24.00                    | -16.02               |
|                        | 7005            | 211     | AVG      | 9.37                  | 1.00            | 10.37              | 24.00                    | -13.63               |
|                        | 7085            | 227     | AVG      | 9.44                  | 0.20            | 9.64               | 24.00                    | -14.36               |

Table 7-24. Antenna WF5b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5965            | 3       | AVG      | 7.22                  | 2.20            | 9.42               | 24.00                    | -14.58               |
|                        | 6165            | 43      | AVG      | 6.44                  | 2.90            | 9.34               | 24.00                    | -14.66               |
|                        | 6405            | 91      | AVG      | 5.94                  | 4.50            | 10.44              | 24.00                    | -13.56               |
|                        | 6445            | 99      | AVG      | 5.95                  | 4.30            | 10.25              | 24.00                    | -13.75               |
|                        | 6485            | 107     | AVG      | 5.95                  | 4.30            | 10.25              | 24.00                    | -13.75               |
|                        | 6525            | 115     | AVG      | 5.95                  | 4.40            | 10.35              | 24.00                    | -13.65               |
|                        | 6565            | 123     | AVG      | 5.97                  | 4.40            | 10.37              | 24.00                    | -13.63               |
|                        | 6725            | 155     | AVG      | 5.97                  | 3.40            | 9.37               | 24.00                    | -14.63               |
|                        | 6845            | 179     | AVG      | 5.87                  | 2.10            | 7.97               | 24.00                    | -16.03               |
|                        | 6885            | 187     | AVG      | 5.97                  | 2.10            | 8.07               | 24.00                    | -15.93               |
|                        | 7005            | 211     | AVG      | 9.42                  | 1.00            | 10.42              | 24.00                    | -13.58               |
|                        | 7085            | 227     | AVG      | 9.40                  | 0.20            | 9.60               | 24.00                    | -14.40               |

Table 7-25. Antenna WF5b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 56 of 280                    |

V 10.5 12/15/2021

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5985            | 7       | AVG      | 10.12                 | 2.20            | 12.32              | 24.00                    | -11.68               |
|                        | 6145            | 39      | AVG      | 9.48                  | 2.90            | 12.38              | 24.00                    | -11.62               |
|                        | 6385            | 87      | AVG      | 8.90                  | 4.50            | 13.40              | 24.00                    | -10.60               |
|                        | 6465            | 103     | AVG      | 8.98                  | 4.30            | 13.28              | 24.00                    | -10.72               |
|                        | 6545            | 119     | AVG      | 8.94                  | 4.40            | 13.34              | 24.00                    | -10.66               |
|                        | 6705            | 151     | AVG      | 9.00                  | 4.20            | 13.20              | 24.00                    | -10.80               |
|                        | 6865            | 183     | AVG      | 8.95                  | 2.10            | 11.05              | 24.00                    | -12.95               |
|                        | 6945            | 199     | AVG      | 12.38                 | 1.00            | 13.38              | 24.00                    | -10.62               |
|                        | 7025            | 215     | AVG      | 12.42                 | 0.20            | 12.62              | 24.00                    | -11.38               |

Table 7-26. Antenna WF5b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5985            | 7       | AVG      | 10.17                 | 2.20            | 12.37              | 24.00                    | -11.63               |
|                        | 6145            | 39      | AVG      | 9.36                  | 2.90            | 12.26              | 24.00                    | -11.74               |
|                        | 6385            | 87      | AVG      | 8.89                  | 4.50            | 13.39              | 24.00                    | -10.61               |
|                        | 6465            | 103     | AVG      | 8.96                  | 4.30            | 13.26              | 24.00                    | -10.74               |
|                        | 6545            | 119     | AVG      | 8.87                  | 4.40            | 13.27              | 24.00                    | -10.73               |
|                        | 6705            | 151     | AVG      | 8.93                  | 4.20            | 13.13              | 24.00                    | -10.87               |
|                        | 6865            | 183     | AVG      | 8.98                  | 2.10            | 11.08              | 24.00                    | -12.92               |
|                        | 6945            | 199     | AVG      | 12.37                 | 1.00            | 13.37              | 24.00                    | -10.63               |
|                        | 7025            | 215     | AVG      | 12.40                 | 0.20            | 12.60              | 24.00                    | -11.40               |

Table 7-27. Antenna WF5b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5985            | 7       | AVG      | 10.13                 | 2.20            | 12.33              | 24.00                    | -11.67               |
|                        | 6145            | 39      | AVG      | 9.40                  | 2.90            | 12.30              | 24.00                    | -11.70               |
|                        | 6385            | 87      | AVG      | 8.98                  | 4.50            | 13.48              | 24.00                    | -10.52               |
|                        | 6465            | 103     | AVG      | 8.92                  | 4.30            | 13.22              | 24.00                    | -10.78               |
|                        | 6545            | 119     | AVG      | 8.95                  | 4.40            | 13.35              | 24.00                    | -10.65               |
|                        | 6705            | 151     | AVG      | 8.89                  | 4.20            | 13.09              | 24.00                    | -10.91               |
|                        | 6865            | 183     | AVG      | 9.00                  | 2.10            | 11.10              | 24.00                    | -12.90               |
|                        | 6945            | 199     | AVG      | 12.42                 | 1.00            | 13.42              | 24.00                    | -10.58               |
|                        | 7025            | 215     | AVG      | 12.50                 | 0.20            | 12.70              | 24.00                    | -11.30               |

Table 7-28. Antenna WF5b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 57 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                         | 6025            | 15      | AVG      | 13.73                 | 3.10            | 16.83              | 24.00                    | -7.17                |
|                         | 6185            | 47      | AVG      | 12.98                 | 2.90            | 15.88              | 24.00                    | -8.12                |
|                         | 6345            | 79      | AVG      | 12.47                 | 4.50            | 16.97              | 24.00                    | -7.03                |
|                         | 6505            | 111     | AVG      | 12.47                 | 4.40            | 16.87              | 24.00                    | -7.13                |
|                         | 6665            | 143     | AVG      | 12.40                 | 4.20            | 16.60              | 24.00                    | -7.40                |
|                         | 6825            | 175     | AVG      | 12.36                 | 2.10            | 14.46              | 24.00                    | -9.54                |
|                         | 6985            | 207     | AVG      | 15.91                 | 1.00            | 16.91              | 24.00                    | -7.09                |

Table 7-29. Antenna WF5b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                         | 6025            | 15      | AVG      | 13.69                 | 3.10            | 16.79              | 24.00                    | -7.21                |
|                         | 6185            | 47      | AVG      | 12.87                 | 2.90            | 15.77              | 24.00                    | -8.23                |
|                         | 6345            | 79      | AVG      | 12.39                 | 4.50            | 16.89              | 24.00                    | -7.11                |
|                         | 6505            | 111     | AVG      | 12.45                 | 4.40            | 16.85              | 24.00                    | -7.15                |
|                         | 6665            | 143     | AVG      | 12.36                 | 4.20            | 16.56              | 24.00                    | -7.44                |
|                         | 6825            | 175     | AVG      | 12.43                 | 2.10            | 14.53              | 24.00                    | -9.47                |
|                         | 6985            | 207     | AVG      | 15.88                 | 1.00            | 16.88              | 24.00                    | -7.12                |

Table 7-30. Antenna WF5b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Detector | Conducted Power [dBm] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|----------|-----------------------|-----------------|--------------------|--------------------------|----------------------|
|                         | 6025            | 15      | AVG      | 13.64                 | 3.10            | 16.74              | 24.00                    | -7.26                |
|                         | 6185            | 47      | AVG      | 12.93                 | 2.90            | 15.83              | 24.00                    | -8.17                |
|                         | 6345            | 79      | AVG      | 12.38                 | 4.50            | 16.88              | 24.00                    | -7.12                |
|                         | 6505            | 111     | AVG      | 12.46                 | 4.40            | 16.86              | 24.00                    | -7.14                |
|                         | 6665            | 143     | AVG      | 12.43                 | 4.20            | 16.63              | 24.00                    | -7.37                |
|                         | 6825            | 175     | AVG      | 12.38                 | 2.10            | 14.48              | 24.00                    | -9.52                |
|                         | 6985            | 207     | AVG      | 15.96                 | 1.00            | 16.96              | 24.00                    | -7.04                |

Table 7-31. Antenna WF5b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 58 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

### 7.3.3 SDM Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5955            | 1       | SDM  | AVG      | 1.92                  | 1.89         | 4.92   | 1.77                        | 6.69               | 24.00                    | -17.31               |
|                        | 6175            | 45      | SDM  | AVG      | 1.93                  | 1.94         | 4.95   | 1.65                        | 6.60               | 24.00                    | -17.40               |
|                        | 6415            | 93      | SDM  | AVG      | 1.48                  | 1.45         | 4.48   | 2.80                        | 7.28               | 24.00                    | -16.72               |
|                        | 6435            | 97      | SDM  | AVG      | 1.50                  | 1.46         | 4.49   | 2.80                        | 7.29               | 24.00                    | -16.71               |
|                        | 6475            | 105     | SDM  | AVG      | 1.35                  | 1.43         | 4.40   | 2.80                        | 7.20               | 24.00                    | -16.80               |
|                        | 6515            | 113     | SDM  | AVG      | 1.44                  | 1.49         | 4.48   | 2.85                        | 7.33               | 24.00                    | -16.67               |
|                        | 6535            | 117     | SDM  | AVG      | 1.48                  | 1.39         | 4.45   | 2.85                        | 7.30               | 24.00                    | -16.70               |
|                        | 6695            | 149     | SDM  | AVG      | 1.43                  | 1.46         | 4.46   | 2.67                        | 7.13               | 24.00                    | -16.87               |
|                        | 6875            | 185     | SDM  | AVG      | 1.46                  | 1.41         | 4.45   | 0.76                        | 5.21               | 24.00                    | -18.79               |
|                        | 6895            | 189     | SDM  | AVG      | 4.44                  | 4.49         | 7.48   | 0.76                        | 8.24               | 24.00                    | -15.76               |
|                        | 6995            | 209     | SDM  | AVG      | 4.38                  | 4.48         | 7.44   | -0.21                       | 7.23               | 24.00                    | -16.77               |
|                        | 7095            | 229     | SDM  | AVG      | 4.49                  | 4.35         | 7.43   | -0.97                       | 6.46               | 24.00                    | -17.54               |
|                        | 7115            | 233     | SDM  | AVG      | 4.37                  | 4.49         | 7.44   | -0.97                       | 6.47               | 24.00                    | -17.53               |

Table 7-32. SDM 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5955            | 1       | SDM  | AVG      | 1.89                  | 1.93         | 4.92   | 1.77                        | 6.69               | 24.00                    | -17.31               |
|                        | 6175            | 45      | SDM  | AVG      | 1.88                  | 1.97         | 4.94   | 1.65                        | 6.59               | 24.00                    | -17.41               |
|                        | 6415            | 93      | SDM  | AVG      | 1.36                  | 1.36         | 4.37   | 2.80                        | 7.17               | 24.00                    | -16.83               |
|                        | 6435            | 97      | SDM  | AVG      | 1.36                  | 1.40         | 4.39   | 2.80                        | 7.19               | 24.00                    | -16.81               |
|                        | 6475            | 105     | SDM  | AVG      | 1.40                  | 1.46         | 4.44   | 2.80                        | 7.24               | 24.00                    | -16.76               |
|                        | 6515            | 113     | SDM  | AVG      | 1.37                  | 1.35         | 4.37   | 2.85                        | 7.22               | 24.00                    | -16.78               |
|                        | 6535            | 117     | SDM  | AVG      | 1.50                  | 1.45         | 4.49   | 2.85                        | 7.34               | 24.00                    | -16.66               |
|                        | 6695            | 149     | SDM  | AVG      | 1.36                  | 1.38         | 4.38   | 2.67                        | 7.05               | 24.00                    | -16.95               |
|                        | 6875            | 185     | SDM  | AVG      | 1.37                  | 1.44         | 4.42   | 0.76                        | 5.18               | 24.00                    | -18.82               |
|                        | 6895            | 189     | SDM  | AVG      | 4.44                  | 4.40         | 7.43   | 0.76                        | 8.19               | 24.00                    | -15.81               |
|                        | 6995            | 209     | SDM  | AVG      | 4.45                  | 4.35         | 7.41   | -0.21                       | 7.20               | 24.00                    | -16.80               |
|                        | 7095            | 229     | SDM  | AVG      | 4.49                  | 4.47         | 7.49   | -0.97                       | 6.52               | 24.00                    | -17.48               |
|                        | 7115            | 233     | SDM  | AVG      | 4.38                  | 4.44         | 7.42   | -0.97                       | 6.45               | 24.00                    | -17.55               |

Table 7-33. SDM 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5955            | 1       | SDM  | AVG      | 1.96                  | 1.87         | 4.93   | 1.77                        | 6.70               | 24.00                    | -17.30               |
|                        | 6175            | 45      | SDM  | AVG      | 1.97                  | 1.88         | 4.94   | 1.65                        | 6.59               | 24.00                    | -17.41               |
|                        | 6415            | 93      | SDM  | AVG      | 1.46                  | 1.42         | 4.45   | 2.80                        | 7.25               | 24.00                    | -16.75               |
|                        | 6435            | 97      | SDM  | AVG      | 1.39                  | 1.42         | 4.42   | 2.80                        | 7.22               | 24.00                    | -16.78               |
|                        | 6475            | 105     | SDM  | AVG      | 1.37                  | 1.38         | 4.39   | 2.80                        | 7.19               | 24.00                    | -16.81               |
|                        | 6515            | 113     | SDM  | AVG      | 1.47                  | 1.40         | 4.45   | 2.85                        | 7.30               | 24.00                    | -16.70               |
|                        | 6535            | 117     | SDM  | AVG      | 1.47                  | 1.45         | 4.47   | 2.85                        | 7.32               | 24.00                    | -16.68               |
|                        | 6695            | 149     | SDM  | AVG      | 1.42                  | 1.45         | 4.45   | 2.67                        | 7.12               | 24.00                    | -16.88               |
|                        | 6875            | 185     | SDM  | AVG      | 1.49                  | 1.43         | 4.47   | 0.76                        | 5.23               | 24.00                    | -18.77               |
|                        | 6895            | 189     | SDM  | AVG      | 4.46                  | 4.40         | 7.44   | 0.76                        | 8.20               | 24.00                    | -15.80               |
|                        | 6995            | 209     | SDM  | AVG      | 4.47                  | 4.38         | 7.44   | -0.21                       | 7.23               | 24.00                    | -16.77               |
|                        | 7095            | 229     | SDM  | AVG      | 4.47                  | 4.36         | 7.43   | -0.97                       | 6.46               | 24.00                    | -17.54               |
|                        | 7115            | 233     | SDM  | AVG      | 4.46                  | 4.47         | 7.48   | -0.97                       | 6.51               | 24.00                    | -17.49               |

Table 7-34. SDM 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 59 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5965            | 3       | SDM  | AVG      | 4.97                  | 4.90         | 7.95   | 1.77                        | 9.72               | 24.00                    | -14.28               |
|                        | 6165            | 43      | SDM  | AVG      | 4.94                  | 4.87         | 7.92   | 1.65                        | 9.57               | 24.00                    | -14.43               |
|                        | 6405            | 91      | SDM  | AVG      | 4.38                  | 4.37         | 7.39   | 2.86                        | 10.25              | 24.00                    | -13.75               |
|                        | 6445            | 99      | SDM  | AVG      | 4.39                  | 4.45         | 7.43   | 2.80                        | 10.23              | 24.00                    | -13.77               |
|                        | 6485            | 107     | SDM  | AVG      | 4.46                  | 4.37         | 7.43   | 2.80                        | 10.23              | 24.00                    | -13.77               |
|                        | 6525            | 115     | SDM  | AVG      | 4.48                  | 4.44         | 7.47   | 2.85                        | 10.32              | 24.00                    | -13.68               |
|                        | 6565            | 123     | SDM  | AVG      | 4.36                  | 4.48         | 7.43   | 2.85                        | 10.28              | 24.00                    | -13.72               |
|                        | 6725            | 155     | SDM  | AVG      | 4.36                  | 4.45         | 7.42   | 2.02                        | 9.44               | 24.00                    | -14.56               |
|                        | 6845            | 179     | SDM  | AVG      | 4.42                  | 4.50         | 7.47   | 0.76                        | 8.23               | 24.00                    | -15.77               |
|                        | 6885            | 187     | SDM  | AVG      | 4.46                  | 4.40         | 7.44   | 0.76                        | 8.20               | 24.00                    | -15.80               |
|                        | 7005            | 211     | SDM  | AVG      | 7.50                  | 7.48         | 10.50  | -0.21                       | 10.29              | 24.00                    | -13.71               |
|                        | 7085            | 227     | SDM  | AVG      | 7.35                  | 7.43         | 10.40  | -0.87                       | 9.53               | 24.00                    | -14.47               |

Table 7-35. SDM 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5965            | 3       | SDM  | AVG      | 4.92                  | 4.88         | 7.91   | 1.77                        | 9.68               | 24.00                    | -14.32               |
|                        | 6165            | 43      | SDM  | AVG      | 4.97                  | 4.97         | 7.98   | 1.65                        | 9.63               | 24.00                    | -14.37               |
|                        | 6405            | 91      | SDM  | AVG      | 4.35                  | 4.40         | 7.39   | 2.86                        | 10.25              | 24.00                    | -13.75               |
|                        | 6445            | 99      | SDM  | AVG      | 4.36                  | 4.47         | 7.43   | 2.80                        | 10.23              | 24.00                    | -13.77               |
|                        | 6485            | 107     | SDM  | AVG      | 4.43                  | 4.44         | 7.45   | 2.80                        | 10.25              | 24.00                    | -13.75               |
|                        | 6525            | 115     | SDM  | AVG      | 4.37                  | 4.49         | 7.44   | 2.85                        | 10.29              | 24.00                    | -13.71               |
|                        | 6565            | 123     | SDM  | AVG      | 4.36                  | 4.36         | 7.37   | 2.85                        | 10.22              | 24.00                    | -13.78               |
|                        | 6725            | 155     | SDM  | AVG      | 4.38                  | 4.43         | 7.42   | 2.02                        | 9.44               | 24.00                    | -14.56               |
|                        | 6845            | 179     | SDM  | AVG      | 4.47                  | 4.43         | 7.46   | 0.76                        | 8.22               | 24.00                    | -15.78               |
|                        | 6885            | 187     | SDM  | AVG      | 4.41                  | 4.42         | 7.43   | 0.76                        | 8.19               | 24.00                    | -15.81               |
|                        | 7005            | 211     | SDM  | AVG      | 7.36                  | 7.36         | 10.37  | -0.21                       | 10.16              | 24.00                    | -13.84               |
|                        | 7085            | 227     | SDM  | AVG      | 7.44                  | 7.46         | 10.46  | -0.87                       | 9.59               | 24.00                    | -14.41               |

Table 7-36. SDM 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5965            | 3       | SDM  | AVG      | 4.86                  | 4.99         | 7.94   | 1.77                        | 9.71               | 24.00                    | -14.29               |
|                        | 6165            | 43      | SDM  | AVG      | 4.88                  | 4.93         | 7.92   | 1.65                        | 9.57               | 24.00                    | -14.43               |
|                        | 6405            | 91      | SDM  | AVG      | 4.37                  | 4.50         | 7.45   | 2.86                        | 10.31              | 24.00                    | -13.69               |
|                        | 6445            | 99      | SDM  | AVG      | 4.48                  | 4.44         | 7.47   | 2.80                        | 10.27              | 24.00                    | -13.73               |
|                        | 6485            | 107     | SDM  | AVG      | 4.37                  | 4.35         | 7.37   | 2.80                        | 10.17              | 24.00                    | -13.83               |
|                        | 6525            | 115     | SDM  | AVG      | 4.46                  | 4.43         | 7.46   | 2.85                        | 10.31              | 24.00                    | -13.69               |
|                        | 6565            | 123     | SDM  | AVG      | 4.38                  | 4.39         | 7.40   | 2.85                        | 10.25              | 24.00                    | -13.75               |
|                        | 6725            | 155     | SDM  | AVG      | 4.36                  | 4.35         | 7.37   | 2.02                        | 9.39               | 24.00                    | -14.61               |
|                        | 6845            | 179     | SDM  | AVG      | 4.45                  | 4.42         | 7.45   | 0.76                        | 8.21               | 24.00                    | -15.79               |
|                        | 6885            | 187     | SDM  | AVG      | 4.44                  | 4.35         | 7.41   | 0.76                        | 8.17               | 24.00                    | -15.83               |
|                        | 7005            | 211     | SDM  | AVG      | 7.38                  | 7.39         | 10.40  | -0.21                       | 10.19              | 24.00                    | -13.81               |
|                        | 7085            | 227     | SDM  | AVG      | 7.38                  | 7.36         | 10.38  | -0.87                       | 9.51               | 24.00                    | -14.49               |

Table 7-37. SDM 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 60 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5985            | 7       | SDM  | AVG      | 7.98                  | 7.90         | 10.95  | 1.77                        | 12.72              | 24.00                    | -11.28               |
|                        | 6145            | 39      | SDM  | AVG      | 7.92                  | 7.99         | 10.97  | 1.65                        | 12.62              | 24.00                    | -11.38               |
|                        | 6385            | 87      | SDM  | AVG      | 7.38                  | 7.49         | 10.45  | 2.86                        | 13.31              | 24.00                    | -10.69               |
|                        | 6465            | 103     | SDM  | AVG      | 7.46                  | 7.49         | 10.49  | 2.80                        | 13.29              | 24.00                    | -10.71               |
|                        | 6545            | 119     | SDM  | AVG      | 7.42                  | 7.42         | 10.43  | 2.85                        | 13.28              | 24.00                    | -10.72               |
|                        | 6705            | 151     | SDM  | AVG      | 7.36                  | 7.35         | 10.37  | 2.67                        | 13.04              | 24.00                    | -10.96               |
|                        | 6865            | 183     | SDM  | AVG      | 7.37                  | 7.50         | 10.45  | 0.76                        | 11.21              | 24.00                    | -12.79               |
|                        | 6945            | 199     | SDM  | AVG      | 10.45                 | 10.42        | 13.45  | -0.21                       | 13.24              | 24.00                    | -10.76               |
|                        | 7025            | 215     | SDM  | AVG      | 10.36                 | 10.42        | 13.40  | -0.87                       | 12.53              | 24.00                    | -11.47               |

Table 7-38. SDM 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5985            | 7       | SDM  | AVG      | 7.95                  | 7.89         | 10.93  | 1.77                        | 12.70              | 24.00                    | -11.30               |
|                        | 6145            | 39      | SDM  | AVG      | 7.93                  | 7.93         | 10.94  | 1.65                        | 12.59              | 24.00                    | -11.41               |
|                        | 6385            | 87      | SDM  | AVG      | 7.38                  | 7.44         | 10.42  | 2.86                        | 13.28              | 24.00                    | -10.72               |
|                        | 6465            | 103     | SDM  | AVG      | 7.47                  | 7.43         | 10.46  | 2.80                        | 13.26              | 24.00                    | -10.74               |
|                        | 6545            | 119     | SDM  | AVG      | 7.38                  | 7.44         | 10.42  | 2.85                        | 13.27              | 24.00                    | -10.73               |
|                        | 6705            | 151     | SDM  | AVG      | 7.49                  | 7.37         | 10.44  | 2.67                        | 13.11              | 24.00                    | -10.89               |
|                        | 6865            | 183     | SDM  | AVG      | 7.46                  | 7.40         | 10.44  | 0.76                        | 11.20              | 24.00                    | -12.80               |
|                        | 6945            | 199     | SDM  | AVG      | 10.37                 | 10.36        | 13.38  | -0.21                       | 13.17              | 24.00                    | -10.83               |
|                        | 7025            | 215     | SDM  | AVG      | 10.35                 | 10.35        | 13.36  | -0.87                       | 12.49              | 24.00                    | -11.51               |

Table 7-39. SDM 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                        | 5985            | 7       | SDM  | AVG      | 7.93                  | 7.98         | 10.97  | 1.77                        | 12.74              | 24.00                    | -11.26               |
|                        | 6145            | 39      | SDM  | AVG      | 7.99                  | 7.85         | 10.93  | 1.65                        | 12.58              | 24.00                    | -11.42               |
|                        | 6385            | 87      | SDM  | AVG      | 7.36                  | 7.45         | 10.42  | 2.86                        | 13.28              | 24.00                    | -10.72               |
|                        | 6465            | 103     | SDM  | AVG      | 7.42                  | 7.42         | 10.43  | 2.80                        | 13.23              | 24.00                    | -10.77               |
|                        | 6545            | 119     | SDM  | AVG      | 7.37                  | 7.35         | 10.37  | 2.85                        | 13.22              | 24.00                    | -10.78               |
|                        | 6705            | 151     | SDM  | AVG      | 7.44                  | 7.47         | 10.47  | 2.67                        | 13.14              | 24.00                    | -10.86               |
|                        | 6865            | 183     | SDM  | AVG      | 7.40                  | 7.48         | 10.45  | 0.76                        | 11.21              | 24.00                    | -12.79               |
|                        | 6945            | 199     | SDM  | AVG      | 10.37                 | 10.36        | 13.38  | -0.21                       | 13.17              | 24.00                    | -10.83               |
|                        | 7025            | 215     | SDM  | AVG      | 10.40                 | 10.47        | 13.45  | -0.87                       | 12.58              | 24.00                    | -11.42               |

Table 7-40. SDM 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                         |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                         | 6025            | 15      | SDM  | AVG      | 11.50                 | 11.46        | 14.49  | 1.85                        | 16.34              | 24.00                    | -7.66                |
|                         | 6185            | 47      | SDM  | AVG      | 11.37                 | 11.47        | 14.43  | 1.65                        | 16.08              | 24.00                    | -7.92                |
|                         | 6345            | 79      | SDM  | AVG      | 10.86                 | 11.00        | 13.94  | 2.86                        | 16.80              | 24.00                    | -7.20                |
|                         | 6505            | 111     | SDM  | AVG      | 10.88                 | 10.86        | 13.88  | 2.85                        | 16.73              | 24.00                    | -7.27                |
|                         | 6665            | 143     | SDM  | AVG      | 10.93                 | 10.98        | 13.97  | 2.67                        | 16.64              | 24.00                    | -7.36                |
|                         | 6825            | 175     | SDM  | AVG      | 10.87                 | 10.88        | 13.89  | 0.76                        | 14.65              | 24.00                    | -9.35                |
|                         | 6985            | 207     | SDM  | AVG      | 13.98                 | 13.90        | 16.95  | -0.21                       | 16.74              | 24.00                    | -7.26                |

Table 7-41. SDM 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 61 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                         |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                         | 6025            | 15      | SDM  | AVG      | 11.47                 | 11.37        | 14.43  | 1.85                        | 16.28              | 24.00                    | -7.72                |
|                         | 6185            | 47      | SDM  | AVG      | 11.42                 | 11.43        | 14.44  | 1.65                        | 16.09              | 24.00                    | -7.91                |
|                         | 6345            | 79      | SDM  | AVG      | 10.99                 | 10.89        | 13.95  | 2.86                        | 16.81              | 24.00                    | -7.19                |
|                         | 6505            | 111     | SDM  | AVG      | 10.98                 | 10.95        | 13.98  | 2.85                        | 16.83              | 24.00                    | -7.17                |
|                         | 6665            | 143     | SDM  | AVG      | 10.89                 | 10.85        | 13.88  | 2.67                        | 16.55              | 24.00                    | -7.45                |
|                         | 6825            | 175     | SDM  | AVG      | 10.95                 | 10.93        | 13.95  | 0.76                        | 14.71              | 24.00                    | -9.29                |
|                         | 6985            | 207     | SDM  | AVG      | 13.96                 | 13.86        | 16.92  | -0.21                       | 16.71              | 24.00                    | -7.29                |

Table 7-42. SDM 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (160MHz Bandwidth) | Frequency [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|-----------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|--------------------|--------------------------|----------------------|
|                         |                 |         |      |          | Antenna WF5t          | Antenna WF5b | Summed |                             |                    |                          |                      |
|                         | 6025            | 15      | SDM  | AVG      | 11.42                 | 11.44        | 14.44  | 1.85                        | 16.29              | 24.00                    | -7.71                |
|                         | 6185            | 47      | SDM  | AVG      | 11.44                 | 11.38        | 14.42  | 1.65                        | 16.07              | 24.00                    | -7.93                |
|                         | 6345            | 79      | SDM  | AVG      | 10.88                 | 10.89        | 13.90  | 2.86                        | 16.76              | 24.00                    | -7.24                |
|                         | 6505            | 111     | SDM  | AVG      | 10.88                 | 10.87        | 13.89  | 2.85                        | 16.74              | 24.00                    | -7.26                |
|                         | 6665            | 143     | SDM  | AVG      | 10.93                 | 10.88        | 13.92  | 2.67                        | 16.59              | 24.00                    | -7.41                |
|                         | 6825            | 175     | SDM  | AVG      | 10.91                 | 10.89        | 13.91  | 0.76                        | 14.67              | 24.00                    | -9.33                |
|                         | 6985            | 207     | SDM  | AVG      | 13.94                 | 13.98        | 16.97  | -0.21                       | 16.76              | 24.00                    | -7.24                |

Table 7-43. SDM 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 62 of 280                    |

V 10.5 12/15/2021

**Note:**

Per ANSI C63.10-2013 and KDB 662911 v02r01 Section E1), the conducted powers at Antenna WF5t and Antenna WF5b were first measured separately during 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.

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

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 5955MHz in 802.11ax (20MHz BW) mode, the average conducted output power was measured to be 1.92 dBm for Antenna WF5t and 1.89 dBm for Antenna WF5b.

$$\text{Antenna WF5t} + \text{Antenna WF5b} = \text{CDD/SDM}$$

$$(1.92 \text{ dBm} + 1.89 \text{ dBm}) = (1.570 \text{ mW} + 1.531 \text{ mW}) = 3.101 \text{ mW} = 4.92 \text{ dBm}$$

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

At 5955MHz in 802.11ax (20MHz BW) mode, the average CDD/SDM conducted power was calculated to be 4.92dBm with directional gain of 1.77 dBi.

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

$$4.92 \text{ dBm} + 1.77 \text{ dBi} = 6.69 \text{ dBm}$$

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device |                                       | Page 63 of 280                    |

V 10.5 12/15/2021

## 7.4 Maximum Power Spectral Density – 802.11a/ax(SU)

§15.407(a)(8), RSS-248 [4.6.3]

### 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 5.925 – 7.125GHz band, the maximum permissible power spectral density must not exceed -1dBm e.i.r.p in any 1-megahertz band.***

### 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 7-3. 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: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 64 of 280                    |

V 10.5 12/15/2021

## 7.4.1 Antenna WF5t Power Spectral Density Measurements

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Data Rate [MHz]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|--------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1           | a           | 12                 | -4.68                            | 1.30               | -3.38                     | -1                         | -2.38       |
|        | 6175            | 45          | a           | 12                 | -5.09                            | -0.10              | -5.19                     | -1                         | -4.19       |
|        | 6415            | 93          | a           | 12                 | -6.90                            | 0.50               | -6.40                     | -1                         | -5.40       |
|        | 5935            | 1           | ax (20MHz)  | 24/25.8 (MCS2)     | -5.98                            | 1.30               | -4.68                     | -1                         | -3.68       |
|        | 6175            | 45          | ax (20MHz)  | 24/25.8 (MCS2)     | -6.44                            | -0.10              | -6.54                     | -1                         | -5.54       |
|        | 6415            | 93          | ax (20MHz)  | 24/25.8 (MCS2)     | -8.25                            | 0.50               | -7.75                     | -1                         | -6.75       |
|        | 5695            | 3           | ax (40MHz)  | 49/51.6 (MCS2)     | -6.05                            | 1.30               | -4.75                     | -1                         | -3.75       |
|        | 6165            | 43          | ax (40MHz)  | 49/51.6 (MCS2)     | -6.75                            | -0.10              | -6.85                     | -1                         | -5.85       |
|        | 6405            | 91          | ax (40MHz)  | 49/51.6 (MCS2)     | -7.88                            | 0.20               | -7.68                     | -1                         | -6.68       |
|        | 5985            | 7           | ax (80MHz)  | 102/108.1 (MCS2)   | -5.97                            | 1.30               | -4.67                     | -1                         | -3.67       |
|        | 6145            | 39          | ax (80MHz)  | 102/108.1 (MCS2)   | -6.30                            | -0.10              | -6.40                     | -1                         | -5.40       |
|        | 6385            | 87          | ax (80MHz)  | 102/108.1 (MCS2)   | -8.09                            | 0.20               | -7.89                     | -1                         | -6.89       |
|        | 6025            | 15          | ax (160MHz) | 183.8/216.2 (MCS2) | -4.84                            | 0.10               | -4.74                     | -1                         | -3.74       |
|        | 6185            | 47          | ax (160MHz) | 183.8/216.2 (MCS2) | -4.71                            | -0.10              | -4.81                     | -1                         | -3.81       |
| Band 6 | 6345            | 79          | ax (160MHz) | 183.8/216.2 (MCS2) | -6.00                            | 0.20               | -5.80                     | -1                         | -4.80       |
|        | 6435            | 97          | a           | 12                 | -7.01                            | 0.50               | -6.51                     | -1                         | -5.51       |
|        | 6475            | 105         | a           | 12                 | -7.66                            | 0.50               | -7.16                     | -1                         | -6.16       |
|        | 6515            | 113         | a           | 12                 | -7.63                            | 0.40               | -7.23                     | -1                         | -6.23       |
|        | 6345            | 97          | ax (20MHz)  | 24/25.8 (MCS2)     | -8.05                            | 0.20               | -7.85                     | -1                         | -6.85       |
|        | 6475            | 105         | ax (20MHz)  | 24/25.8 (MCS2)     | -8.41                            | 0.50               | -7.91                     | -1                         | -6.91       |
|        | 6515            | 113         | ax (20MHz)  | 24/25.8 (MCS2)     | -8.35                            | 0.40               | -7.95                     | -1                         | -6.95       |
|        | 6445            | 99          | ax (40MHz)  | 49/51.6 (MCS2)     | -7.57                            | 0.50               | -7.07                     | -1                         | -6.07       |
|        | 6485            | 107         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.29                            | 0.50               | -6.79                     | -1                         | -5.79       |
|        | 6525            | 115         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.41                            | 0.40               | -7.01                     | -1                         | -6.01       |
| Band 7 | 6465            | 103         | ax (80MHz)  | 102/108.1 (MCS2)   | -8.01                            | 0.50               | -7.51                     | -1                         | -6.51       |
|        | 6505            | 111         | ax (160MHz) | 183.8/216.2 (MCS2) | -7.55                            | 0.40               | -7.15                     | -1                         | -6.15       |
|        | 6535            | 117         | a           | 12                 | -7.35                            | 0.40               | -6.95                     | -1                         | -5.95       |
|        | 6695            | 149         | a           | 12                 | -7.55                            | 0.30               | -7.25                     | -1                         | -6.25       |
|        | 6875            | 185         | a           | 12                 | -6.86                            | -1.20              | -8.06                     | -1                         | -7.06       |
|        | 6535            | 117         | ax (20MHz)  | 24/25.8 (MCS2)     | -7.98                            | 0.40               | -7.58                     | -1                         | -6.58       |
|        | 6695            | 149         | ax (20MHz)  | 24/25.8 (MCS2)     | -7.77                            | 0.30               | -7.47                     | -1                         | -6.47       |
|        | 6875            | 185         | ax (20MHz)  | 24/25.8 (MCS2)     | -7.79                            | -1.20              | -8.99                     | -1                         | -7.99       |
|        | 6565            | 123         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.56                            | 0.40               | -7.16                     | -1                         | -6.16       |
|        | 6725            | 155         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.55                            | 0.00               | -7.55                     | -1                         | -6.55       |
| Band 8 | 6885            | 179         | ax (40MHz)  | 49/51.6 (MCS2)     | -6.84                            | -1.20              | -8.04                     | -1                         | -7.04       |
|        | 6545            | 119         | ax (80MHz)  | 102/108.1 (MCS2)   | -8.23                            | 0.40               | -7.83                     | -1                         | -6.83       |
|        | 6705            | 151         | ax (80MHz)  | 102/108.1 (MCS2)   | -8.24                            | 0.30               | -7.94                     | -1                         | -6.94       |
|        | 6865            | 183         | ax (80MHz)  | 102/108.1 (MCS2)   | -8.66                            | -1.20              | -9.86                     | -1                         | -8.86       |
|        | 6665            | 143         | ax (160MHz) | 183.8/216.2 (MCS2) | -7.46                            | 0.30               | -7.16                     | -1                         | -6.16       |
|        | 6825            | 175         | ax (160MHz) | 183.8/216.2 (MCS2) | -7.59                            | -1.20              | -8.79                     | -1                         | -7.79       |
|        | 6895            | 189         | a           | 12                 | -3.61                            | -1.20              | -4.81                     | -1                         | -3.81       |
|        | 6995            | 209         | a           | 12                 | -3.48                            | -1.90              | -5.38                     | -1                         | -4.38       |
|        | 7115            | 233         | a           | 12                 | -3.83                            | -3.20              | -7.03                     | -1                         | -6.03       |
|        | 6895            | 189         | ax (20MHz)  | 24/25.8 (MCS2)     | -4.13                            | -1.20              | -5.33                     | -1                         | -4.33       |
| Band 8 | 6995            | 209         | ax (20MHz)  | 24/25.8 (MCS2)     | -4.48                            | -1.90              | -6.38                     | -1                         | -5.38       |
|        | 7115            | 233         | ax (20MHz)  | 24/25.8 (MCS2)     | -4.30                            | -3.20              | -7.50                     | -1                         | -6.50       |
|        | 6925            | 187         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.10                            | -1.90              | -9.00                     | -1                         | -8.00       |
|        | 7005            | 211         | ax (40MHz)  | 49/51.6 (MCS2)     | -4.45                            | -1.90              | -6.35                     | -1                         | -5.35       |
|        | 7085            | 227         | ax (40MHz)  | 49/51.6 (MCS2)     | -5.03                            | -3.20              | -8.23                     | -1                         | -7.23       |
|        | 6945            | 199         | ax (80MHz)  | 102/108.1 (MCS2)   | -5.24                            | -1.90              | -7.14                     | -1                         | -6.14       |
|        | 7025            | 215         | ax (80MHz)  | 102/108.1 (MCS2)   | -5.30                            | -2.30              | -7.60                     | -1                         | -6.60       |
|        | 6985            | 207         | ax (160MHz) | 183.8/216.2 (MCS2) | -4.18                            | -1.90              | -6.08                     | -1                         | -5.08       |

**Table 7-44. Power Spectral Density Measurements Antenna WF5t (Low Data Rate)**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                | EUT Type:<br>Tablet Device            | Page 65 of 280                    |

V 10.5 12/15/2021

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Data Rate [MHz]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|--------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1           | a           | 24                 | -4.66                            | 1.30               | -3.36                     | -1                         | -2.36       |
|        | 6175            | 45          | a           | 24                 | -4.99                            | -0.10              | -5.09                     | -1                         | -4.09       |
|        | 6415            | 93          | a           | 24                 | -6.75                            | 0.50               | -6.25                     | -1                         | -5.25       |
|        | 5935            | 1           | ax (20MHz)  | 49/51.6 (MCS4)     | -6.30                            | 1.30               | -5.00                     | -1                         | -4.00       |
|        | 6175            | 45          | ax (20MHz)  | 49/51.6 (MCS4)     | -6.57                            | -0.10              | -6.67                     | -1                         | -5.67       |
|        | 6415            | 93          | ax (20MHz)  | 49/51.6 (MCS4)     | -7.67                            | 0.50               | -7.17                     | -1                         | -6.17       |
|        | 5695            | 3           | ax (40MHz)  | 98/103.2 (MCS4)    | -5.81                            | 1.30               | -4.51                     | -1                         | -3.51       |
|        | 6165            | 43          | ax (40MHz)  | 98/103.2 (MCS4)    | -5.97                            | -0.10              | -6.07                     | -1                         | -5.07       |
|        | 6405            | 91          | ax (40MHz)  | 98/103.2 (MCS4)    | -7.06                            | 0.20               | -6.86                     | -1                         | -5.86       |
|        | 5985            | 7           | ax (80MHz)  | 204/216.2 (MCS4)   | -5.97                            | 1.30               | -4.67                     | -1                         | -3.67       |
|        | 6145            | 39          | ax (80MHz)  | 204/216.2 (MCS4)   | -6.21                            | -0.10              | -6.31                     | -1                         | -5.31       |
|        | 6385            | 87          | ax (80MHz)  | 204/216.2 (MCS4)   | -7.36                            | 0.20               | -7.16                     | -1                         | -6.16       |
|        | 6025            | 15          | ax (160MHz) | 367.5/432.4 (MCS4) | -5.65                            | 0.10               | -5.55                     | -1                         | -4.55       |
| Band 6 | 6185            | 47          | ax (160MHz) | 367.5/432.4 (MCS4) | -6.18                            | -0.10              | -6.28                     | -1                         | -5.28       |
|        | 6345            | 79          | ax (160MHz) | 367.5/432.4 (MCS4) | -6.31                            | 0.20               | -6.11                     | -1                         | -5.11       |
|        | 6435            | 97          | a           | 24                 | -6.50                            | 0.50               | -6.00                     | -1                         | -5.00       |
|        | 6475            | 105         | a           | 24                 | -6.97                            | 0.50               | -6.47                     | -1                         | -5.47       |
|        | 6515            | 113         | a           | 24                 | -7.22                            | 0.40               | -6.82                     | -1                         | -5.82       |
|        | 6345            | 97          | ax (20MHz)  | 49/51.6 (MCS4)     | -7.85                            | 0.20               | -7.65                     | -1                         | -6.65       |
|        | 6475            | 105         | ax (20MHz)  | 49/51.6 (MCS4)     | -8.24                            | 0.50               | -7.74                     | -1                         | -6.74       |
|        | 6515            | 113         | ax (20MHz)  | 49/51.6 (MCS4)     | -8.43                            | 0.40               | -8.03                     | -1                         | -7.03       |
|        | 6445            | 99          | ax (40MHz)  | 98/103.2 (MCS4)    | -7.20                            | 0.50               | -6.70                     | -1                         | -5.70       |
|        | 6485            | 107         | ax (40MHz)  | 98/103.2 (MCS4)    | -7.07                            | 0.50               | -6.57                     | -1                         | -5.57       |
| Band 7 | 6525            | 115         | ax (40MHz)  | 98/103.2 (MCS4)    | -7.02                            | 0.40               | -6.62                     | -1                         | -5.62       |
|        | 6465            | 103         | ax (80MHz)  | 204/216.2 (MCS4)   | -8.25                            | 0.50               | -7.75                     | -1                         | -6.75       |
|        | 6505            | 111         | ax (160MHz) | 367.5/432.4 (MCS4) | -6.32                            | 0.40               | -5.92                     | -1                         | -4.92       |
|        | 6535            | 117         | a           | 24                 | -7.25                            | 0.40               | -6.85                     | -1                         | -5.85       |
|        | 6695            | 149         | a           | 24                 | -7.31                            | 0.30               | -7.01                     | -1                         | -6.01       |
|        | 6875            | 185         | a           | 24                 | -6.57                            | -1.20              | -7.77                     | -1                         | -6.77       |
|        | 6535            | 117         | ax (20MHz)  | 49/51.6 (MCS4)     | -8.21                            | 0.40               | -7.81                     | -1                         | -6.81       |
|        | 6695            | 149         | ax (20MHz)  | 49/51.6 (MCS4)     | -7.59                            | 0.30               | -7.29                     | -1                         | -6.29       |
|        | 6875            | 185         | ax (20MHz)  | 49/51.6 (MCS4)     | -7.69                            | -1.20              | -8.89                     | -1                         | -7.89       |
|        | 6565            | 123         | ax (40MHz)  | 98/103.2 (MCS4)    | -7.27                            | 0.40               | -6.87                     | -1                         | -5.87       |
| Band 8 | 6725            | 155         | ax (40MHz)  | 98/103.2 (MCS4)    | -7.20                            | 0.00               | -7.20                     | -1                         | -6.20       |
|        | 6885            | 179         | ax (40MHz)  | 98/103.2 (MCS4)    | -6.91                            | -1.20              | -8.11                     | -1                         | -7.11       |
|        | 6545            | 119         | ax (80MHz)  | 204/216.2 (MCS4)   | -7.87                            | 0.40               | -7.47                     | -1                         | -6.47       |
|        | 6705            | 151         | ax (80MHz)  | 204/216.2 (MCS4)   | -7.72                            | 0.30               | -7.42                     | -1                         | -6.42       |
|        | 6865            | 183         | ax (80MHz)  | 204/216.2 (MCS4)   | -7.82                            | -1.20              | -9.02                     | -1                         | -8.02       |
|        | 6665            | 143         | ax (160MHz) | 367.5/432.4 (MCS4) | -6.47                            | 0.30               | -6.17                     | -1                         | -5.17       |
|        | 6825            | 175         | ax (160MHz) | 367.5/432.4 (MCS4) | -7.08                            | -1.20              | -8.28                     | -1                         | -7.28       |
|        | 6895            | 189         | a           | 24                 | -3.29                            | -1.20              | -4.49                     | -1                         | -3.49       |
|        | 6995            | 209         | a           | 24                 | -3.09                            | -1.90              | -4.99                     | -1                         | -3.99       |
|        | 7115            | 233         | a           | 24                 | -3.48                            | -3.20              | -6.68                     | -1                         | -5.68       |
| Band 8 | 6895            | 189         | ax (20MHz)  | 49/51.6 (MCS4)     | -4.07                            | -1.20              | -5.27                     | -1                         | -4.27       |
|        | 6995            | 209         | ax (20MHz)  | 49/51.6 (MCS4)     | -4.46                            | -1.90              | -6.36                     | -1                         | -5.36       |
|        | 7115            | 233         | ax (20MHz)  | 49/51.6 (MCS4)     | -4.98                            | -3.20              | -8.18                     | -1                         | -7.18       |
|        | 6925            | 187         | ax (40MHz)  | 98/103.2 (MCS4)    | -6.72                            | -1.90              | -8.62                     | -1                         | -7.62       |
|        | 7005            | 211         | ax (40MHz)  | 98/103.2 (MCS4)    | -4.26                            | -1.90              | -6.16                     | -1                         | -5.16       |
|        | 7085            | 227         | ax (40MHz)  | 98/103.2 (MCS4)    | -4.90                            | -3.20              | -8.10                     | -1                         | -7.10       |
|        | 6945            | 199         | ax (80MHz)  | 204/216.2 (MCS4)   | -4.98                            | -1.90              | -6.88                     | -1                         | -5.88       |
|        | 7025            | 215         | ax (80MHz)  | 204/216.2 (MCS4)   | -4.99                            | -2.30              | -7.29                     | -1                         | -6.29       |
|        | 6985            | 207         | ax (160MHz) | 367.5/432.4 (MCS4) | -2.71                            | -1.90              | -4.61                     | -1                         | -3.61       |

**Table 7-45. Power Spectral Density Measurements Antenna WF5t (Mid Data Rate)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 66 of 280                    |

V 10.5 12/15/2021

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Data Rate [MHz]     | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1           | a           | 54                  | -5.62                            | 1.30               | -4.32                     | -1                         | -3.32       |
|        | 6175            | 45          | a           | 54                  | -6.38                            | -0.10              | -6.48                     | -1                         | -5.48       |
|        | 6415            | 93          | a           | 54                  | -8.19                            | 0.50               | -7.69                     | -1                         | -6.69       |
|        | 5935            | 1           | ax (20MHz)  | 135/143.4 (MCS11)   | -5.84                            | 1.30               | -4.54                     | -1                         | -3.54       |
|        | 6175            | 45          | ax (20MHz)  | 135/143.4 (MCS11)   | -6.09                            | -0.10              | -6.19                     | -1                         | -5.19       |
|        | 6415            | 93          | ax (20MHz)  | 135/143.4 (MCS11)   | -7.21                            | 0.50               | -6.71                     | -1                         | -5.71       |
|        | 5695            | 3           | ax (40MHz)  | 271/286.8 (MCS11)   | -6.39                            | 1.30               | -5.09                     | -1                         | -4.09       |
|        | 6165            | 43          | ax (40MHz)  | 271/286.8 (MCS11)   | -6.43                            | -0.10              | -6.53                     | -1                         | -5.53       |
|        | 6405            | 91          | ax (40MHz)  | 271/286.8 (MCS11)   | -7.92                            | 0.20               | -7.72                     | -1                         | -6.72       |
|        | 5985            | 7           | ax (80MHz)  | 567/600.5 (MCS11)   | -5.33                            | 1.30               | -4.03                     | -1                         | -3.03       |
|        | 6145            | 39          | ax (80MHz)  | 567/600.5 (MCS11)   | -6.78                            | -0.10              | -6.88                     | -1                         | -5.88       |
|        | 6385            | 87          | ax (80MHz)  | 567/600.5 (MCS11)   | -7.03                            | 0.20               | -6.83                     | -1                         | -5.83       |
|        | 6025            | 15          | ax (160MHz) | 1020.8/1201 (MCS11) | -5.84                            | 0.10               | -5.74                     | -1                         | -4.74       |
| Band 6 | 6185            | 47          | ax (160MHz) | 1020.8/1201 (MCS11) | -6.14                            | -0.10              | -6.24                     | -1                         | -5.24       |
|        | 6345            | 79          | ax (160MHz) | 1020.8/1201 (MCS11) | -7.20                            | 0.20               | -7.00                     | -1                         | -6.00       |
|        | 6435            | 97          | a           | 54                  | -7.78                            | 0.50               | -7.28                     | -1                         | -6.28       |
|        | 6475            | 105         | a           | 54                  | -8.43                            | 0.50               | -7.93                     | -1                         | -6.93       |
|        | 6515            | 113         | a           | 54                  | -8.56                            | 0.40               | -8.16                     | -1                         | -7.16       |
|        | 6345            | 97          | ax (20MHz)  | 135/143.4 (MCS11)   | -7.78                            | 0.20               | -7.58                     | -1                         | -6.58       |
|        | 6475            | 105         | ax (20MHz)  | 135/143.4 (MCS11)   | -7.99                            | 0.50               | -7.49                     | -1                         | -6.49       |
|        | 6515            | 113         | ax (20MHz)  | 135/143.4 (MCS11)   | -7.93                            | 0.40               | -7.53                     | -1                         | -6.53       |
|        | 6445            | 99          | ax (40MHz)  | 271/286.8 (MCS11)   | -7.64                            | 0.50               | -7.14                     | -1                         | -6.14       |
|        | 6485            | 107         | ax (40MHz)  | 271/286.8 (MCS11)   | -7.65                            | 0.50               | -7.15                     | -1                         | -6.15       |
| Band 7 | 6525            | 115         | ax (40MHz)  | 271/286.8 (MCS11)   | -7.60                            | 0.40               | -7.20                     | -1                         | -6.20       |
|        | 6465            | 103         | ax (80MHz)  | 567/600.5 (MCS11)   | -7.83                            | 0.50               | -7.33                     | -1                         | -6.33       |
|        | 6505            | 111         | ax (160MHz) | 1020.8/1201 (MCS11) | -8.04                            | 0.40               | -7.64                     | -1                         | -6.64       |
|        | 6535            | 117         | a           | 54                  | -8.55                            | 0.40               | -8.15                     | -1                         | -7.15       |
|        | 6695            | 149         | a           | 54                  | -8.46                            | 0.30               | -8.16                     | -1                         | -7.16       |
|        | 6875            | 185         | a           | 54                  | -7.84                            | -1.20              | -9.04                     | -1                         | -8.04       |
|        | 6535            | 117         | ax (20MHz)  | 135/143.4 (MCS11)   | -7.75                            | 0.40               | -7.35                     | -1                         | -6.35       |
|        | 6695            | 149         | ax (20MHz)  | 135/143.4 (MCS11)   | -7.14                            | 0.30               | -6.84                     | -1                         | -5.84       |
|        | 6875            | 185         | ax (20MHz)  | 135/143.4 (MCS11)   | -7.38                            | -1.20              | -8.58                     | -1                         | -7.58       |
|        | 6565            | 123         | ax (40MHz)  | 271/286.8 (MCS11)   | -7.71                            | 0.40               | -7.31                     | -1                         | -6.31       |
| Band 8 | 6725            | 155         | ax (40MHz)  | 271/286.8 (MCS11)   | -7.62                            | 0.00               | -7.62                     | -1                         | -6.62       |
|        | 6885            | 179         | ax (40MHz)  | 271/286.8 (MCS11)   | -6.84                            | -1.20              | -8.04                     | -1                         | -7.04       |
|        | 6545            | 119         | ax (80MHz)  | 567/600.5 (MCS11)   | -7.59                            | 0.40               | -7.19                     | -1                         | -6.19       |
|        | 6705            | 151         | ax (80MHz)  | 567/600.5 (MCS11)   | -7.72                            | 0.30               | -7.42                     | -1                         | -6.42       |
|        | 6865            | 183         | ax (80MHz)  | 567/600.5 (MCS11)   | -7.54                            | -1.20              | -8.74                     | -1                         | -7.74       |
|        | 6665            | 143         | ax (160MHz) | 1020.8/1201 (MCS11) | -7.91                            | 0.30               | -7.61                     | -1                         | -6.61       |
|        | 6825            | 175         | ax (160MHz) | 1020.8/1201 (MCS11) | -8.18                            | -1.20              | -9.38                     | -1                         | -8.38       |
|        | 6895            | 189         | a           | 54                  | -4.30                            | -1.20              | -5.50                     | -1                         | -4.50       |
|        | 6995            | 209         | a           | 54                  | -4.64                            | -1.90              | -6.54                     | -1                         | -5.54       |
|        | 7115            | 233         | a           | 54                  | -4.40                            | -3.20              | -7.60                     | -1                         | -6.60       |
| Band 8 | 6895            | 189         | ax (20MHz)  | 135/143.4 (MCS11)   | -3.69                            | -1.20              | -4.89                     | -1                         | -3.89       |
|        | 6995            | 209         | ax (20MHz)  | 135/143.4 (MCS11)   | -4.17                            | -1.90              | -6.07                     | -1                         | -5.07       |
|        | 7115            | 233         | ax (20MHz)  | 135/143.4 (MCS11)   | -5.33                            | -3.20              | -8.53                     | -1                         | -7.53       |
|        | 6925            | 187         | ax (40MHz)  | 271/286.8 (MCS11)   | -7.37                            | -1.90              | -9.27                     | -1                         | -8.27       |
|        | 7005            | 211         | ax (40MHz)  | 271/286.8 (MCS11)   | -4.43                            | -1.90              | -6.33                     | -1                         | -5.33       |
|        | 7085            | 227         | ax (40MHz)  | 271/286.8 (MCS11)   | -5.25                            | -3.20              | -8.45                     | -1                         | -7.45       |
|        | 6945            | 199         | ax (80MHz)  | 567/600.5 (MCS11)   | -4.76                            | -1.90              | -6.66                     | -1                         | -5.66       |
|        | 7025            | 215         | ax (80MHz)  | 567/600.5 (MCS11)   | -4.60                            | -2.30              | -6.90                     | -1                         | -5.90       |
|        | 6985            | 207         | ax (160MHz) | 1020.8/1201 (MCS11) | -4.11                            | -1.90              | -6.01                     | -1                         | -5.01       |

**Table 7-46. Power Spectral Density Measurements Antenna WF5t (High Data Rate)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-11-R2.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 67 of 280                    |

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact [ct.info@element.com](mailto:ct.info@element.com).