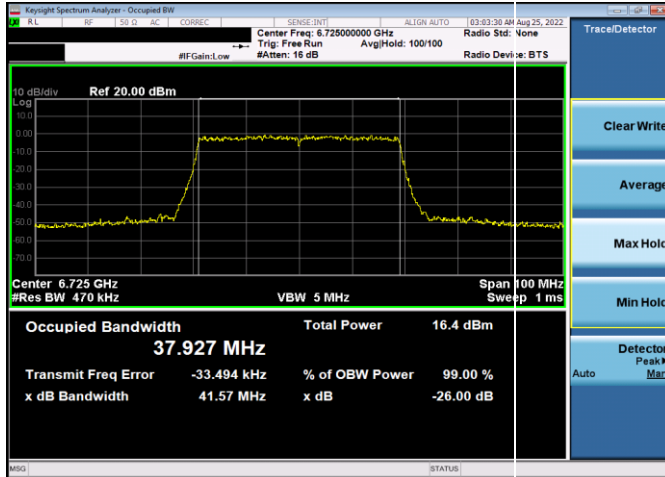
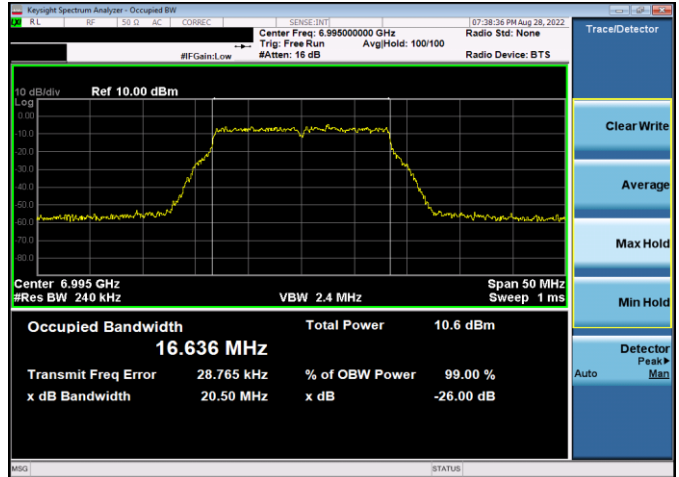
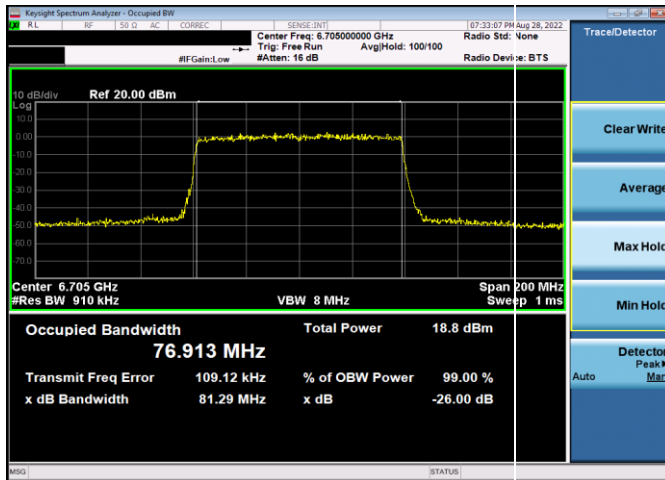




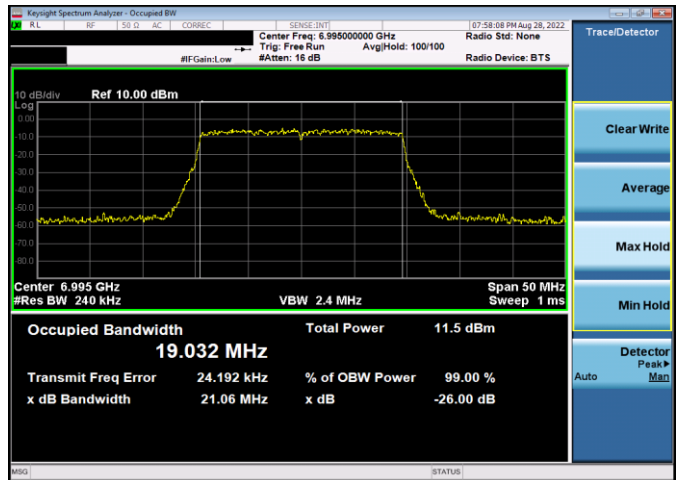
Plot 7-53. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



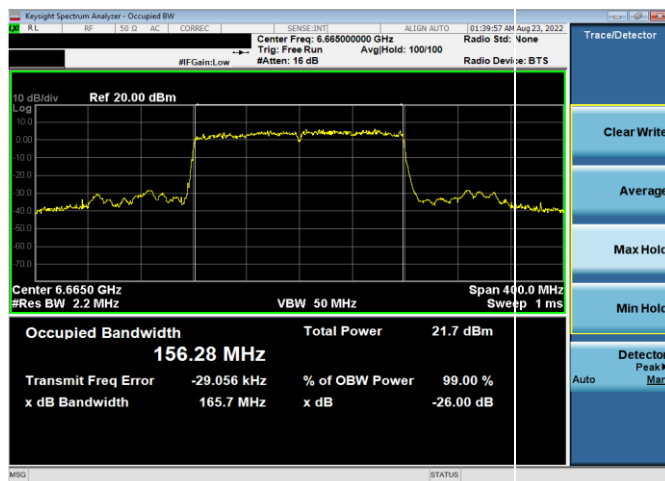
Plot 7-56. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



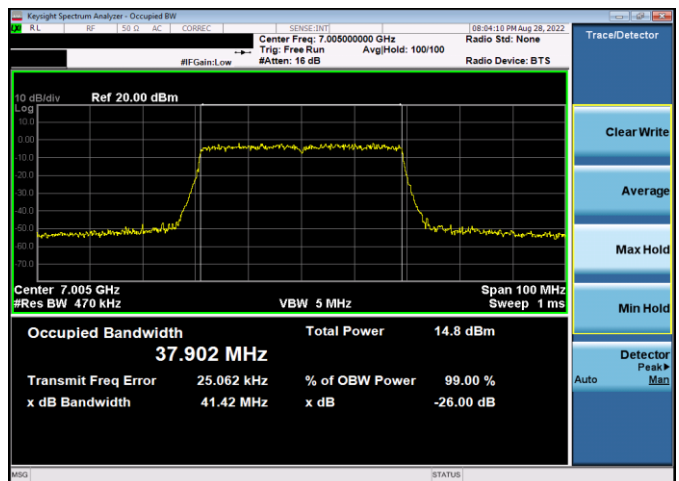
Plot 7-54. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-57. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

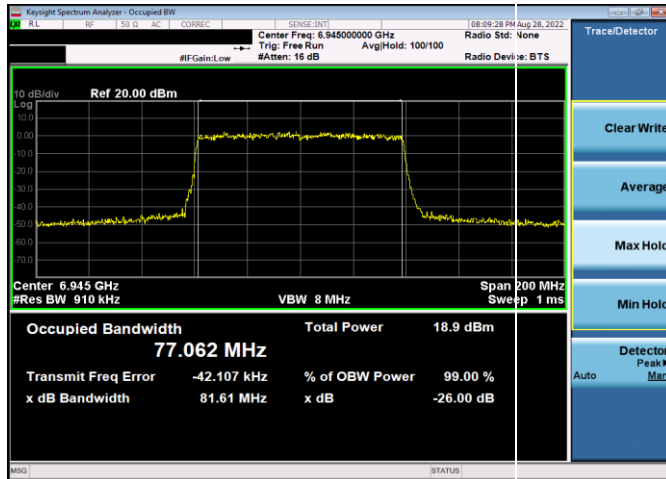


Plot 7-55. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

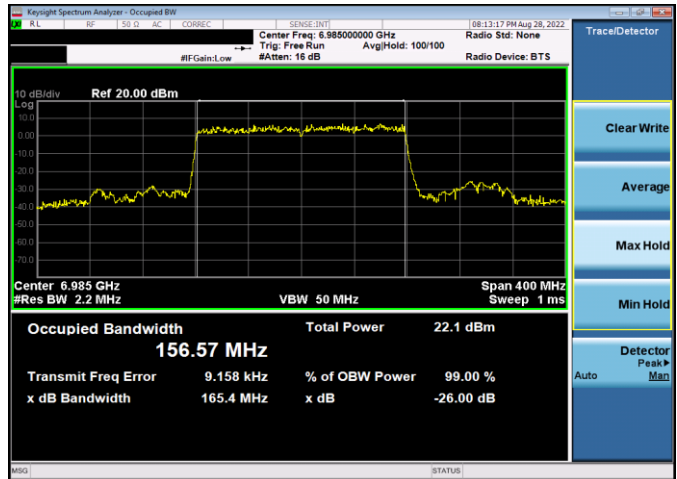


Plot 7-58. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 31 of 282                    |



Plot 7-59. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz  
802.11ax (UNII Band 8) – Ch. 199, MCS11)



Plot 7-60. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz  
802.11ax (UNII Band 8) – Ch. 207, MCS11)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 32 of 282                    |

## 7.2.2 Antenna 4a 26dB & 99% Bandwidth Measurements

|        | Frequency [MHz] | Channel | 802.11 MODE | Data Rate [Mbps]   | Measured 99% Occupied Bandwidth [MHz] | Measured 26dB Bandwidth [MHz] | Maximum Bandwidth Limit [MHz] | Pass / Fail |
|--------|-----------------|---------|-------------|--------------------|---------------------------------------|-------------------------------|-------------------------------|-------------|
| Band 5 | 5955            | 1       | a           | 12                 | 16.52                                 | 20.49                         | 320                           | Pass        |
|        | 6175            | 45      | a           | 12                 | 16.55                                 | 20.72                         | 320                           | Pass        |
|        | 6415            | 93      | a           | 12                 | 16.62                                 | 20.75                         | 320                           | Pass        |
|        | 5955            | 1       | ax (20MHz)  | 24/25.8 (MCS2)     | 19.08                                 | 21.27                         | 320                           | Pass        |
|        | 6175            | 45      | ax (20MHz)  | 24/25.8 (MCS2)     | 19.03                                 | 21.20                         | 320                           | Pass        |
|        | 6415            | 93      | ax (20MHz)  | 24/25.8 (MCS2)     | 19.06                                 | 21.14                         | 320                           | Pass        |
|        | 5965            | 3       | ax (40MHz)  | 49/51.6 (MCS2)     | 37.88                                 | 41.39                         | 320                           | Pass        |
|        | 6165            | 43      | ax (40MHz)  | 49/51.6 (MCS2)     | 37.91                                 | 41.57                         | 320                           | Pass        |
|        | 6405            | 91      | ax (40MHz)  | 49/51.6 (MCS2)     | 37.89                                 | 41.36                         | 320                           | Pass        |
|        | 5985            | 7       | ax (80MHz)  | 102/108.1 (MCS2)   | 77.16                                 | 82.00                         | 320                           | Pass        |
|        | 6145            | 39      | ax (80MHz)  | 102/108.1 (MCS2)   | 77.24                                 | 81.89                         | 320                           | Pass        |
|        | 6385            | 87      | ax (80MHz)  | 102/108.1 (MCS2)   | 77.23                                 | 81.87                         | 320                           | Pass        |
|        | 6025            | 15      | ax (160MHz) | 183.8/216.2 (MCS2) | 156.39                                | 166.17                        | 320                           | Pass        |
|        | 6185            | 47      | ax (160MHz) | 183.8/216.2 (MCS2) | 156.69                                | 167.62                        | 320                           | Pass        |
|        | 6345            | 79      | ax (160MHz) | 183.8/216.2 (MCS2) | 156.63                                | 166.20                        | 320                           | Pass        |
| Band 6 | 6435            | 97      | a           | 12                 | 16.59                                 | 20.75                         | 320                           | Pass        |
|        | 6475            | 105     | a           | 12                 | 16.60                                 | 20.96                         | 320                           | Pass        |
|        | 6515            | 113     | a           | 12                 | 16.58                                 | 20.86                         | 320                           | Pass        |
|        | 6435            | 97      | ax (20MHz)  | 24/25.8 (MCS2)     | 19.04                                 | 21.28                         | 320                           | Pass        |
|        | 6475            | 105     | ax (20MHz)  | 24/25.8 (MCS2)     | 19.05                                 | 21.27                         | 320                           | Pass        |
|        | 6515            | 113     | ax (20MHz)  | 24/25.8 (MCS2)     | 19.01                                 | 21.32                         | 320                           | Pass        |
|        | 6445            | 99      | ax (40MHz)  | 49/51.6 (MCS2)     | 37.95                                 | 41.45                         | 320                           | Pass        |
|        | 6485            | 107     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.94                                 | 41.46                         | 320                           | Pass        |
|        | 6525            | 115     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.94                                 | 41.45                         | 320                           | Pass        |
|        | 6465            | 103     | ax (80MHz)  | 102/108.1 (MCS2)   | 77.14                                 | 81.98                         | 320                           | Pass        |
| Band 7 | 6505            | 111     | ax (160MHz) | 183.8/216.2 (MCS2) | 156.51                                | 165.90                        | 320                           | Pass        |
|        | 6535            | 117     | a           | 12                 | 16.76                                 | 20.93                         | 320                           | Pass        |
|        | 6695            | 149     | a           | 12                 | 16.70                                 | 20.79                         | 320                           | Pass        |
|        | 6875            | 185     | a           | 12                 | 16.74                                 | 20.77                         | 320                           | Pass        |
|        | 6535            | 117     | ax (20MHz)  | 24/25.8 (MCS2)     | 18.97                                 | 21.06                         | 320                           | Pass        |
|        | 6695            | 149     | ax (20MHz)  | 24/25.8 (MCS2)     | 19.00                                 | 21.26                         | 320                           | Pass        |
|        | 6875            | 185     | ax (20MHz)  | 24/25.8 (MCS2)     | 18.99                                 | 21.13                         | 320                           | Pass        |
|        | 6565            | 123     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.92                                 | 41.76                         | 320                           | Pass        |
|        | 6725            | 155     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.92                                 | 41.82                         | 320                           | Pass        |
|        | 6845            | 179     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.91                                 | 41.52                         | 320                           | Pass        |
|        | 6545            | 119     | ax (80MHz)  | 102/108.1 (MCS2)   | 77.29                                 | 81.79                         | 320                           | Pass        |
|        | 6705            | 151     | ax (80MHz)  | 102/108.1 (MCS2)   | 77.20                                 | 81.59                         | 320                           | Pass        |
|        | 6865            | 183     | ax (80MHz)  | 102/108.1 (MCS2)   | 77.05                                 | 82.29                         | 320                           | Pass        |
|        | 6665            | 143     | ax (160MHz) | 183.8/216.2 (MCS2) | 156.24                                | 166.19                        | 320                           | Pass        |
|        | 6825            | 175     | ax (160MHz) | 183.8/216.2 (MCS2) | 156.60                                | 166.70                        | 320                           | Pass        |
| Band 8 | 6895            | 189     | a           | 12                 | 16.58                                 | 20.46                         | 320                           | Pass        |
|        | 6995            | 209     | a           | 12                 | 16.54                                 | 20.45                         | 320                           | Pass        |
|        | 7115            | 233     | a           | 12                 | 16.53                                 | 20.45                         | 320                           | Pass        |
|        | 6895            | 189     | ax (20MHz)  | 24/25.8 (MCS2)     | 19.01                                 | 21.07                         | 320                           | Pass        |
|        | 6995            | 209     | ax (20MHz)  | 24/25.8 (MCS2)     | 18.97                                 | 21.23                         | 320                           | Pass        |
|        | 7115            | 233     | ax (20MHz)  | 24/25.8 (MCS2)     | 19.01                                 | 21.14                         | 320                           | Pass        |
|        | 6885            | 187     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.92                                 | 41.40                         | 320                           | Pass        |
|        | 7005            | 211     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.94                                 | 41.29                         | 320                           | Pass        |
|        | 7085            | 227     | ax (40MHz)  | 49/51.6 (MCS2)     | 37.89                                 | 41.38                         | 320                           | Pass        |
|        | 6945            | 199     | ax (80MHz)  | 102/108.1 (MCS2)   | 77.11                                 | 81.80                         | 320                           | Pass        |
|        | 7025            | 215     | ax (80MHz)  | 102/108.1 (MCS2)   | 77.18                                 | 81.41                         | 320                           | Pass        |
|        | 6985            | 207     | ax (160MHz) | 183.8/216.2 (MCS2) | 156.75                                | 166.50                        | 320                           | Pass        |

Table 7-5. Conducted Bandwidth Measurements Antenna 4a (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 33 of 282                    |

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|        | Frequency [MHz] | Channel | 802.11 MODE | Data Rate [MHz]    | Measured 99% Occupied Bandwidth [MHz] | Measured 26dB Bandwidth [MHz] | Maximum Bandwidth Limit [MHz] | Pass / Fail |
|--------|-----------------|---------|-------------|--------------------|---------------------------------------|-------------------------------|-------------------------------|-------------|
| Band 5 | 5955            | 1       | a           | 24                 | 16.52                                 | 20.41                         | 320                           | Pass        |
|        | 6175            | 45      | a           | 24                 | 16.57                                 | 20.37                         | 320                           | Pass        |
|        | 6415            | 93      | a           | 24                 | 16.56                                 | 20.42                         | 320                           | Pass        |
|        | 5955            | 1       | ax (20MHz)  | 49/51.6 (MCS4)     | 19.00                                 | 21.06                         | 320                           | Pass        |
|        | 6175            | 45      | ax (20MHz)  | 49/51.6 (MCS4)     | 19.03                                 | 21.06                         | 320                           | Pass        |
|        | 6415            | 93      | ax (20MHz)  | 49/51.6 (MCS4)     | 19.04                                 | 21.24                         | 320                           | Pass        |
|        | 5965            | 3       | ax (40MHz)  | 98/103.2 (MCS4)    | 37.90                                 | 41.65                         | 320                           | Pass        |
|        | 6165            | 43      | ax (40MHz)  | 98/103.2 (MCS4)    | 37.89                                 | 41.60                         | 320                           | Pass        |
|        | 6405            | 91      | ax (40MHz)  | 98/103.2 (MCS4)    | 37.90                                 | 41.57                         | 320                           | Pass        |
|        | 5985            | 7       | ax (80MHz)  | 204/216.2 (MCS4)   | 77.22                                 | 81.73                         | 320                           | Pass        |
|        | 6145            | 39      | ax (80MHz)  | 204/216.2 (MCS4)   | 77.34                                 | 82.03                         | 320                           | Pass        |
|        | 6385            | 87      | ax (80MHz)  | 204/216.2 (MCS4)   | 77.18                                 | 81.99                         | 320                           | Pass        |
|        | 6025            | 15      | ax (160MHz) | 367.5/432.4 (MCS4) | 156.36                                | 165.92                        | 320                           | Pass        |
|        | 6185            | 47      | ax (160MHz) | 367.5/432.4 (MCS4) | 156.49                                | 166.57                        | 320                           | Pass        |
| Band 6 | 6345            | 79      | ax (160MHz) | 367.5/432.4 (MCS4) | 156.32                                | 165.77                        | 320                           | Pass        |
|        | 6435            | 97      | a           | 24                 | 16.57                                 | 20.40                         | 320                           | Pass        |
|        | 6475            | 105     | a           | 24                 | 16.55                                 | 20.39                         | 320                           | Pass        |
|        | 6515            | 113     | a           | 24                 | 16.56                                 | 20.31                         | 320                           | Pass        |
|        | 6435            | 97      | ax (20MHz)  | 49/51.6 (MCS4)     | 19.02                                 | 21.18                         | 320                           | Pass        |
|        | 6475            | 105     | ax (20MHz)  | 49/51.6 (MCS4)     | 19.01                                 | 21.09                         | 320                           | Pass        |
|        | 6515            | 113     | ax (20MHz)  | 49/51.6 (MCS4)     | 19.03                                 | 21.39                         | 320                           | Pass        |
|        | 6445            | 99      | ax (40MHz)  | 98/103.2 (MCS4)    | 37.90                                 | 41.67                         | 320                           | Pass        |
|        | 6485            | 107     | ax (40MHz)  | 98/103.2 (MCS4)    | 37.92                                 | 41.56                         | 320                           | Pass        |
|        | 6525            | 115     | ax (40MHz)  | 98/103.2 (MCS4)    | 37.88                                 | 41.38                         | 320                           | Pass        |
| Band 7 | 6465            | 103     | ax (80MHz)  | 204/216.2 (MCS4)   | 77.27                                 | 81.94                         | 320                           | Pass        |
|        | 6505            | 111     | ax (160MHz) | 367.5/432.4 (MCS4) | 156.43                                | 166.56                        | 320                           | Pass        |
|        | 6535            | 117     | a           | 24                 | 16.47                                 | 20.42                         | 320                           | Pass        |
|        | 6695            | 149     | a           | 24                 | 16.52                                 | 20.34                         | 320                           | Pass        |
|        | 6875            | 185     | a           | 24                 | 16.52                                 | 20.55                         | 320                           | Pass        |
|        | 6535            | 117     | ax (20MHz)  | 49/51.6 (MCS4)     | 18.99                                 | 21.17                         | 320                           | Pass        |
|        | 6695            | 149     | ax (20MHz)  | 49/51.6 (MCS4)     | 19.03                                 | 21.12                         | 320                           | Pass        |
|        | 6875            | 185     | ax (20MHz)  | 49/51.6 (MCS4)     | 19.01                                 | 21.20                         | 320                           | Pass        |
|        | 6565            | 123     | ax (40MHz)  | 98/103.2 (MCS4)    | 37.94                                 | 41.69                         | 320                           | Pass        |
|        | 6725            | 155     | ax (40MHz)  | 98/103.2 (MCS4)    | 37.94                                 | 41.65                         | 320                           | Pass        |
|        | 6845            | 179     | ax (40MHz)  | 98/103.2 (MCS4)    | 38.00                                 | 41.53                         | 320                           | Pass        |
|        | 6545            | 119     | ax (80MHz)  | 204/216.2 (MCS4)   | 77.18                                 | 81.72                         | 320                           | Pass        |
| Band 8 | 6705            | 151     | ax (80MHz)  | 204/216.2 (MCS4)   | 77.19                                 | 82.00                         | 320                           | Pass        |
|        | 6865            | 183     | ax (80MHz)  | 204/216.2 (MCS4)   | 77.21                                 | 81.71                         | 320                           | Pass        |
|        | 6665            | 143     | ax (160MHz) | 367.5/432.4 (MCS4) | 156.45                                | 166.60                        | 320                           | Pass        |
|        | 6825            | 175     | ax (160MHz) | 367.5/432.4 (MCS4) | 156.63                                | 165.47                        | 320                           | Pass        |
|        | 6895            | 189     | a           | 24                 | 16.52                                 | 20.36                         | 320                           | Pass        |
|        | 6995            | 209     | a           | 24                 | 16.51                                 | 20.55                         | 320                           | Pass        |
|        | 7115            | 233     | a           | 24                 | 16.53                                 | 20.55                         | 320                           | Pass        |
|        | 6895            | 189     | ax (20MHz)  | 49/51.6 (MCS4)     | 18.95                                 | 20.91                         | 320                           | Pass        |
|        | 6995            | 209     | ax (20MHz)  | 49/51.6 (MCS4)     | 19.02                                 | 20.92                         | 320                           | Pass        |
|        | 7115            | 233     | ax (20MHz)  | 49/51.6 (MCS4)     | 18.98                                 | 21.10                         | 320                           | Pass        |
|        | 6885            | 187     | ax (40MHz)  | 98/103.2 (MCS4)    | 37.91                                 | 41.65                         | 320                           | Pass        |
|        | 7005            | 211     | ax (40MHz)  | 98/103.2 (MCS4)    | 37.85                                 | 41.60                         | 320                           | Pass        |
|        | 7085            | 227     | ax (40MHz)  | 98/103.2 (MCS4)    | 37.89                                 | 41.57                         | 320                           | Pass        |
|        | 6945            | 199     | ax (80MHz)  | 204/216.2 (MCS4)   | 77.29                                 | 81.89                         | 320                           | Pass        |
|        | 7025            | 215     | ax (80MHz)  | 204/216.2 (MCS4)   | 77.40                                 | 81.50                         | 320                           | Pass        |
|        | 6985            | 207     | ax (160MHz) | 367.5/432.4 (MCS4) | 156.32                                | 165.58                        | 320                           | Pass        |

**Table 7-6. Conducted Bandwidth Measurements Antenna 4a (Mid Data Rate)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 34 of 282                    |

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|        | Frequency [MHz] | Channel | 802.11 MODE | Data Rate [MHz]     | Measured 99% Occupied Bandwidth [MHz] | Measured 26dB Bandwidth [MHz] | Maximum Bandwidth Limit [MHz] | Pass / Fail |
|--------|-----------------|---------|-------------|---------------------|---------------------------------------|-------------------------------|-------------------------------|-------------|
| Band 5 | 5955            | 1       | a           | 54                  | 16.69                                 | 20.78                         | 320                           | Pass        |
|        | 6175            | 45      | a           | 54                  | 16.65                                 | 20.69                         | 320                           | Pass        |
|        | 6415            | 93      | a           | 54                  | 16.70                                 | 20.77                         | 320                           | Pass        |
|        | 5955            | 1       | ax (20MHz)  | 135/143.4 (MCS11)   | 18.99                                 | 21.06                         | 320                           | Pass        |
|        | 6175            | 45      | ax (20MHz)  | 135/143.4 (MCS11)   | 19.04                                 | 21.23                         | 320                           | Pass        |
|        | 6415            | 93      | ax (20MHz)  | 135/143.4 (MCS11)   | 19.00                                 | 21.16                         | 320                           | Pass        |
|        | 5965            | 3       | ax (40MHz)  | 271/286.8 (MCS11)   | 37.89                                 | 41.01                         | 320                           | Pass        |
|        | 6165            | 43      | ax (40MHz)  | 271/286.8 (MCS11)   | 37.90                                 | 41.26                         | 320                           | Pass        |
|        | 6405            | 91      | ax (40MHz)  | 271/286.8 (MCS11)   | 37.92                                 | 41.24                         | 320                           | Pass        |
|        | 5985            | 7       | ax (80MHz)  | 567/600.5 (MCS11)   | 77.11                                 | 81.64                         | 320                           | Pass        |
|        | 6145            | 39      | ax (80MHz)  | 567/600.5 (MCS11)   | 76.99                                 | 81.70                         | 320                           | Pass        |
|        | 6385            | 87      | ax (80MHz)  | 567/600.5 (MCS11)   | 77.13                                 | 81.53                         | 320                           | Pass        |
|        | 6025            | 15      | ax (160MHz) | 1020.8/1201 (MCS11) | 156.44                                | 165.32                        | 320                           | Pass        |
|        | 6185            | 47      | ax (160MHz) | 1020.8/1201 (MCS11) | 156.58                                | 167.14                        | 320                           | Pass        |
| Band 6 | 6345            | 79      | ax (160MHz) | 1020.8/1201 (MCS11) | 156.13                                | 165.95                        | 320                           | Pass        |
|        | 6435            | 97      | a           | 54                  | 16.68                                 | 20.80                         | 320                           | Pass        |
|        | 6475            | 105     | a           | 54                  | 16.69                                 | 20.75                         | 320                           | Pass        |
|        | 6515            | 113     | a           | 54                  | 16.67                                 | 20.60                         | 320                           | Pass        |
|        | 6435            | 97      | ax (20MHz)  | 135/143.4 (MCS11)   | 19.04                                 | 21.20                         | 320                           | Pass        |
|        | 6475            | 105     | ax (20MHz)  | 135/143.4 (MCS11)   | 19.00                                 | 21.34                         | 320                           | Pass        |
|        | 6515            | 113     | ax (20MHz)  | 135/143.4 (MCS11)   | 19.05                                 | 21.31                         | 320                           | Pass        |
|        | 6445            | 99      | ax (40MHz)  | 271/286.8 (MCS11)   | 37.93                                 | 41.29                         | 320                           | Pass        |
|        | 6485            | 107     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.99                                 | 41.39                         | 320                           | Pass        |
|        | 6525            | 115     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.89                                 | 41.47                         | 320                           | Pass        |
| Band 7 | 6465            | 103     | ax (80MHz)  | 567/600.5 (MCS11)   | 77.17                                 | 81.55                         | 320                           | Pass        |
|        | 6505            | 111     | ax (160MHz) | 1020.8/1201 (MCS11) | 156.12                                | 165.46                        | 320                           | Pass        |
|        | 6535            | 117     | a           | 54                  | 16.68                                 | 20.86                         | 320                           | Pass        |
|        | 6695            | 149     | a           | 54                  | 16.64                                 | 20.92                         | 320                           | Pass        |
|        | 6875            | 185     | a           | 54                  | 16.64                                 | 20.64                         | 320                           | Pass        |
|        | 6535            | 117     | ax (20MHz)  | 135/143.4 (MCS11)   | 19.05                                 | 21.03                         | 320                           | Pass        |
|        | 6695            | 149     | ax (20MHz)  | 135/143.4 (MCS11)   | 18.96                                 | 20.83                         | 320                           | Pass        |
|        | 6875            | 185     | ax (20MHz)  | 135/143.4 (MCS11)   | 19.03                                 | 21.19                         | 320                           | Pass        |
|        | 6565            | 123     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.91                                 | 41.19                         | 320                           | Pass        |
|        | 6725            | 155     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.90                                 | 41.41                         | 320                           | Pass        |
|        | 6845            | 179     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.91                                 | 41.17                         | 320                           | Pass        |
|        | 6545            | 119     | ax (80MHz)  | 567/600.5 (MCS11)   | 77.02                                 | 81.10                         | 320                           | Pass        |
| Band 8 | 6705            | 151     | ax (80MHz)  | 567/600.5 (MCS11)   | 77.12                                 | 81.51                         | 320                           | Pass        |
|        | 6865            | 183     | ax (80MHz)  | 567/600.5 (MCS11)   | 77.18                                 | 81.31                         | 320                           | Pass        |
|        | 6665            | 143     | ax (160MHz) | 1020.8/1201 (MCS11) | 156.62                                | 165.21                        | 320                           | Pass        |
|        | 6825            | 175     | ax (160MHz) | 1020.8/1201 (MCS11) | 156.38                                | 166.24                        | 320                           | Pass        |
|        | 6895            | 189     | a           | 54                  | 16.67                                 | 20.64                         | 320                           | Pass        |
|        | 6995            | 209     | a           | 54                  | 16.69                                 | 20.53                         | 320                           | Pass        |
|        | 7115            | 233     | a           | 54                  | 16.64                                 | 20.83                         | 320                           | Pass        |
|        | 6895            | 189     | ax (20MHz)  | 135/143.4 (MCS11)   | 19.06                                 | 20.89                         | 320                           | Pass        |
|        | 6995            | 209     | ax (20MHz)  | 135/143.4 (MCS11)   | 19.01                                 | 21.14                         | 320                           | Pass        |
|        | 7115            | 233     | ax (20MHz)  | 135/143.4 (MCS11)   | 19.03                                 | 21.07                         | 320                           | Pass        |
|        | 6885            | 187     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.86                                 | 41.29                         | 320                           | Pass        |
|        | 7005            | 211     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.90                                 | 41.43                         | 320                           | Pass        |
|        | 7085            | 227     | ax (40MHz)  | 271/286.8 (MCS11)   | 37.85                                 | 41.16                         | 320                           | Pass        |
|        | 6945            | 199     | ax (80MHz)  | 567/600.5 (MCS11)   | 77.01                                 | 81.29                         | 320                           | Pass        |
|        | 7025            | 215     | ax (80MHz)  | 567/600.5 (MCS11)   | 77.10                                 | 81.44                         | 320                           | Pass        |
|        | 6985            | 207     | ax (160MHz) | 1020.8/1201 (MCS11) | 156.78                                | 165.81                        | 320                           | Pass        |

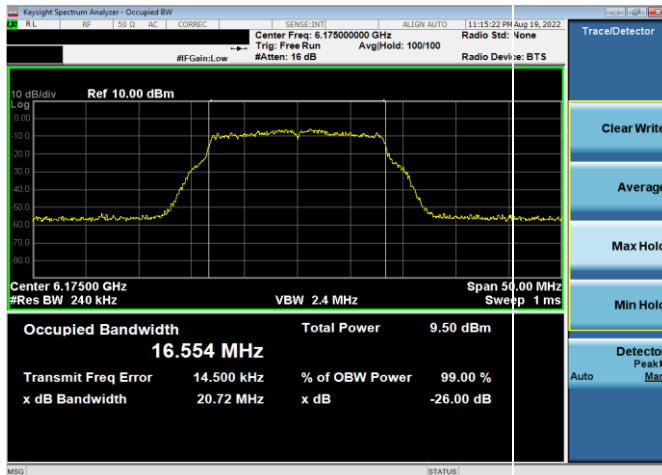
**Table 7-7. Conducted Bandwidth Measurements Antenna 4a (High Data Rate)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 35 of 282                    |

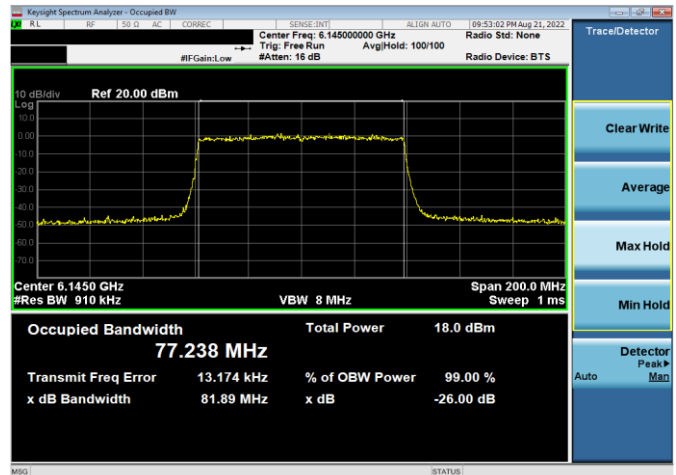
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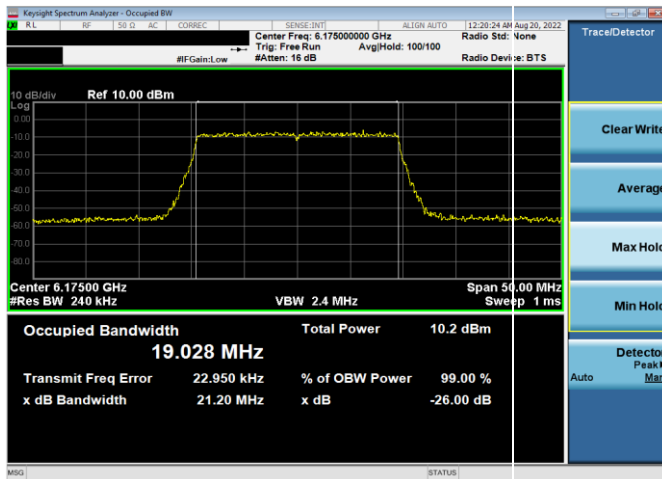
## Low Data Rate



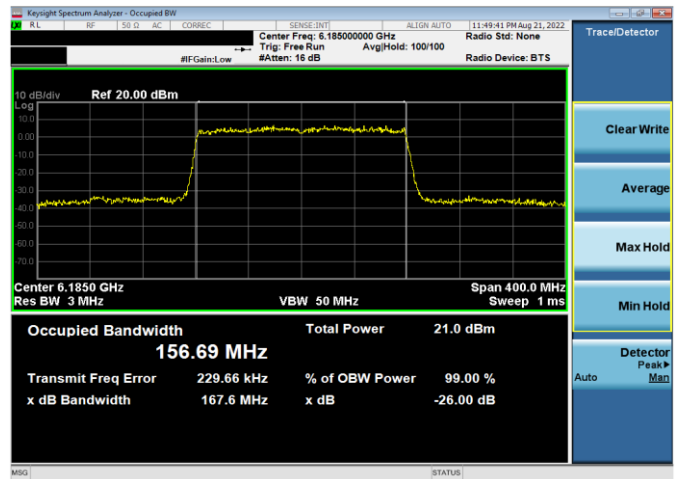
Plot 7-61. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, 12Mbps)



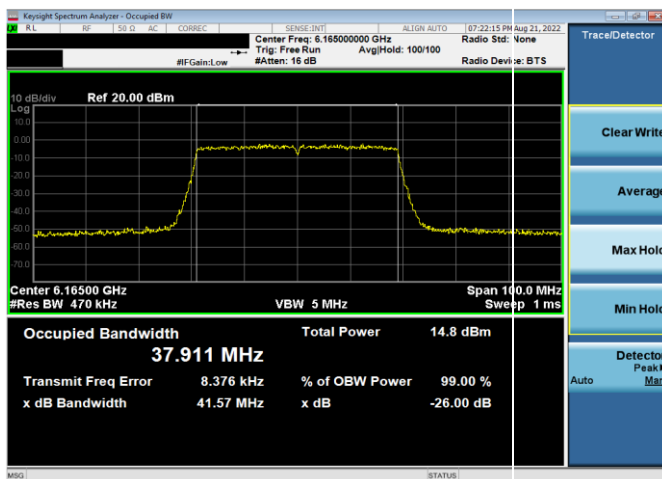
Plot 7-64. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



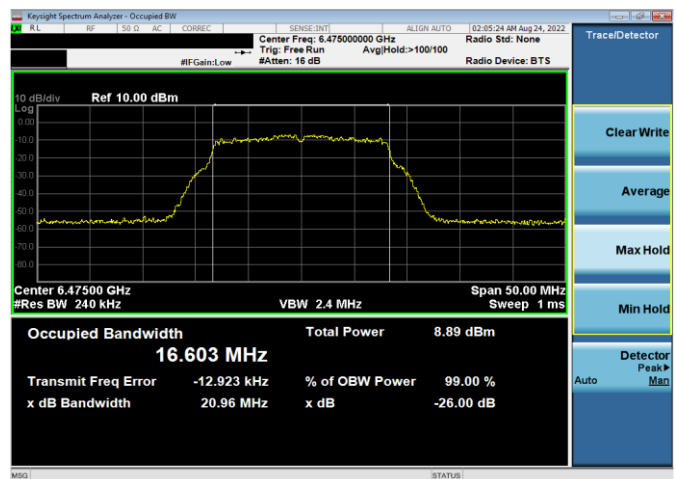
Plot 7-62. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-65. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)



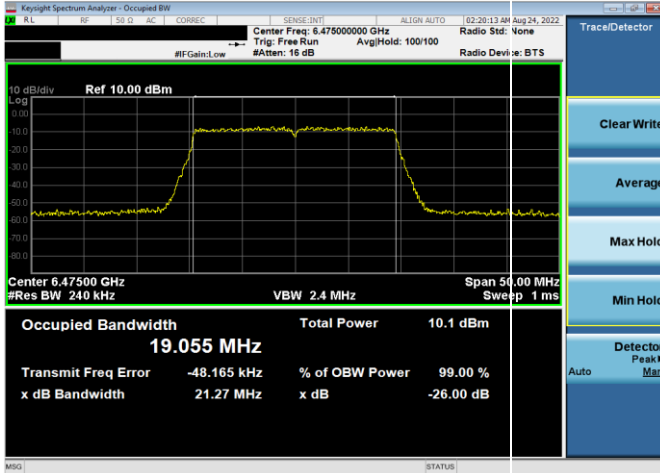
Plot 7-63. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)



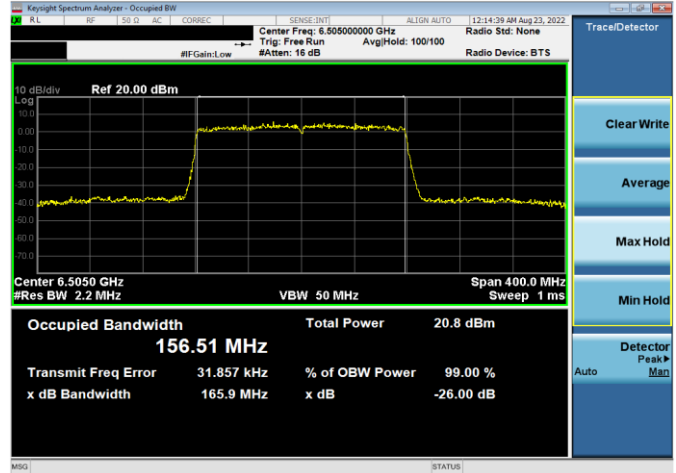
Plot 7-66. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, 12Mbps)

|                                            |                                       |                                       |                                   |
|--------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 36 of 282                    |

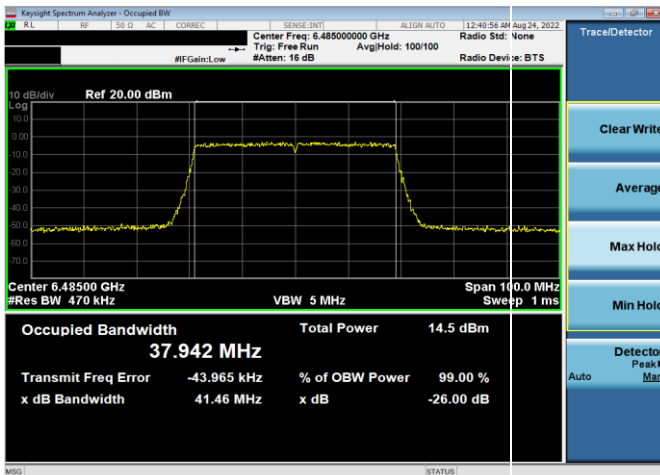
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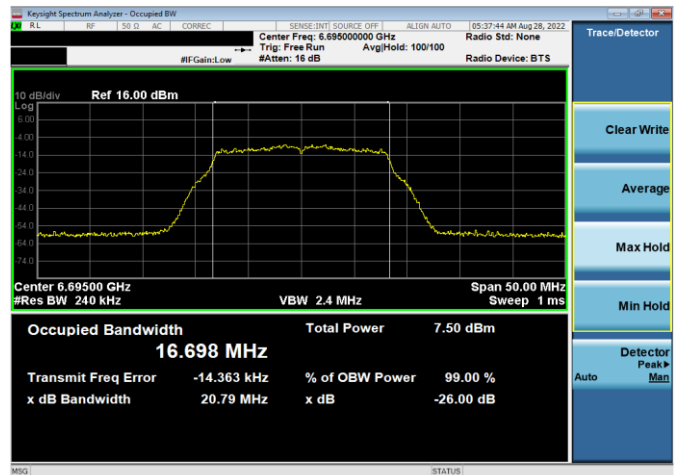
Plot 7-67. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



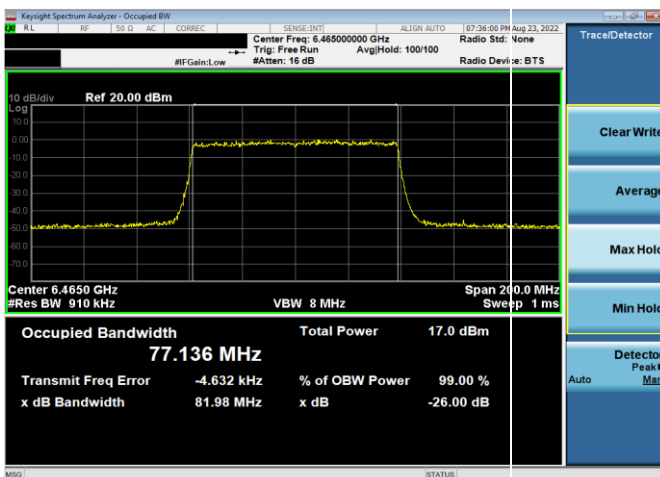
Plot 7-70. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



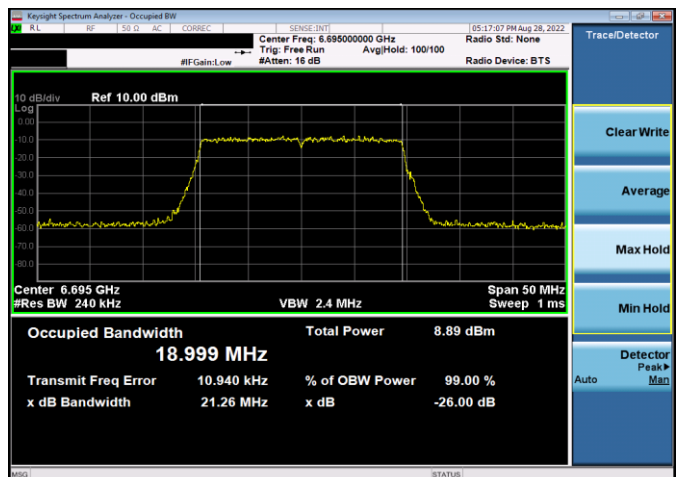
Plot 7-68. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-71. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)



Plot 7-69. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

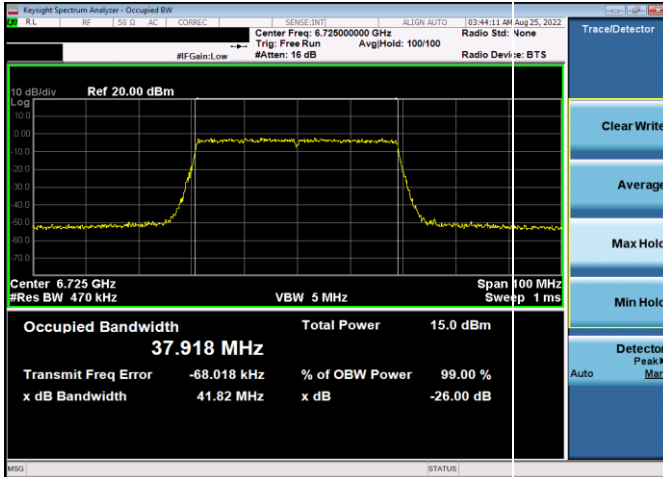


Plot 7-72. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

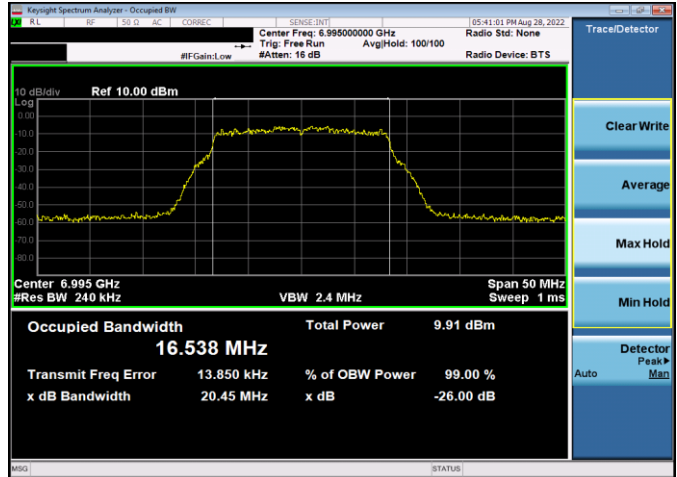
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 37 of 282                    |

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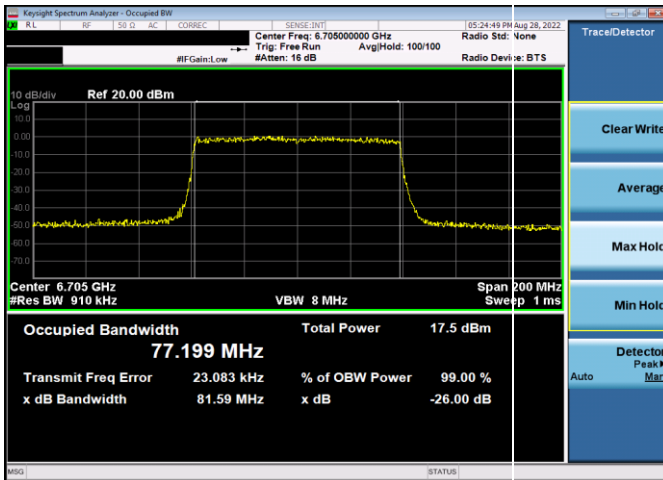
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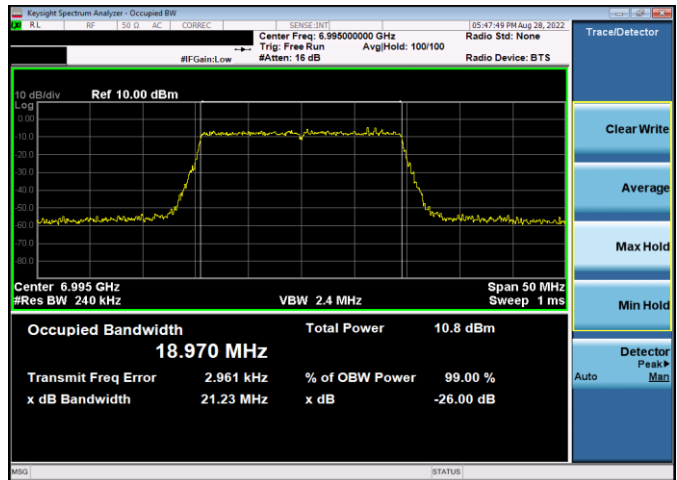
Plot 7-73. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



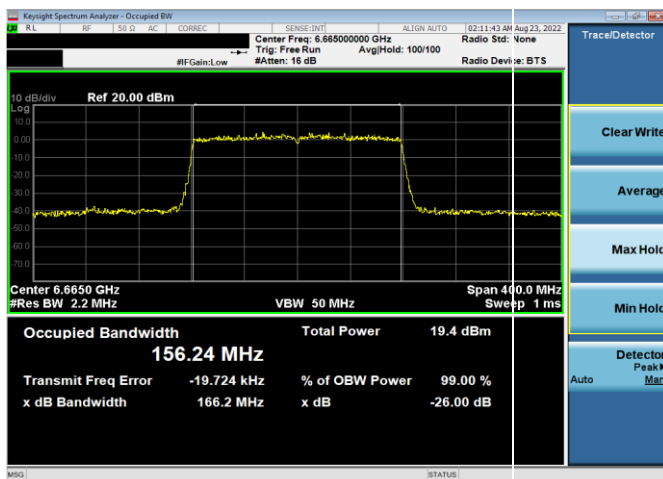
Plot 7-76. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, 12Mbps)



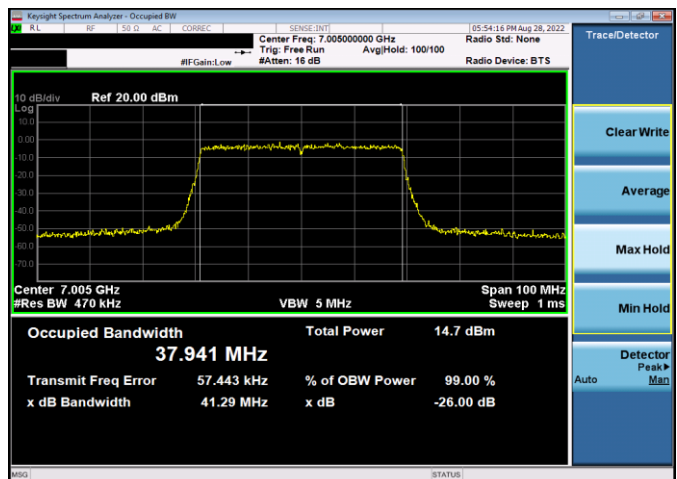
Plot 7-74. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-77. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS2)



Plot 7-75. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

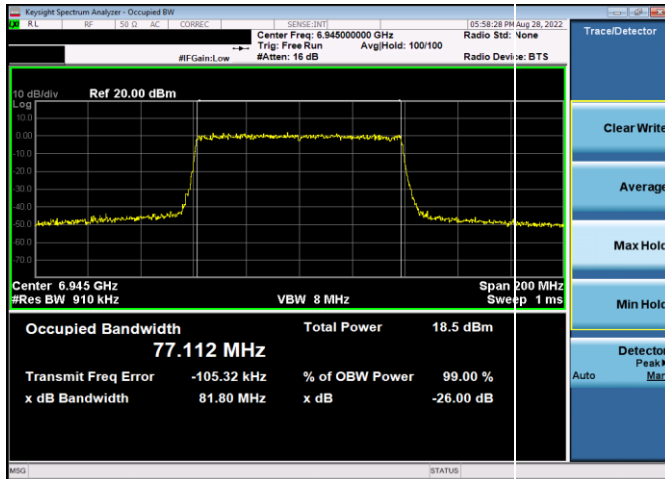


Plot 7-78. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

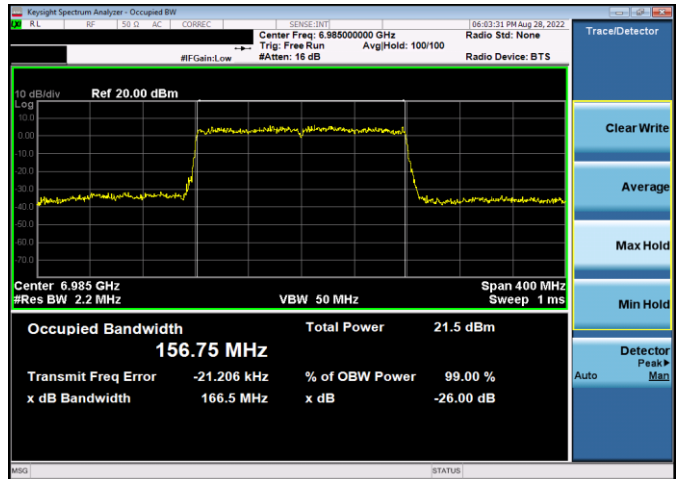
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 38 of 282                    |

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Plot 7-79. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz)  
802.11ax (UNII Band 8) – Ch. 199, MCS2)



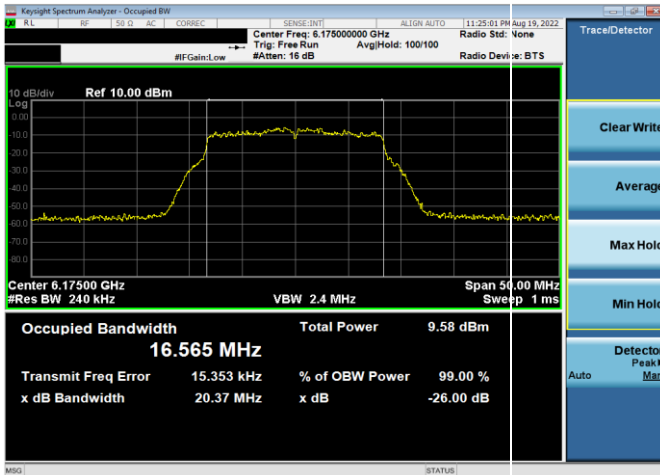
Plot 7-80. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz)  
802.11ax (UNII Band 8) – Ch. 207, MCS2)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 39 of 282                    |

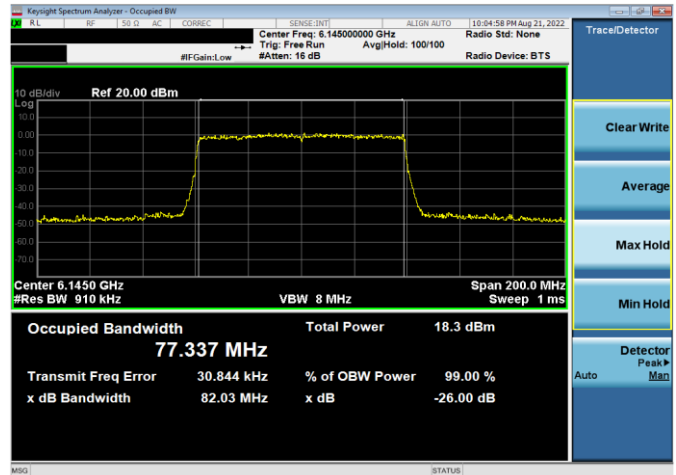
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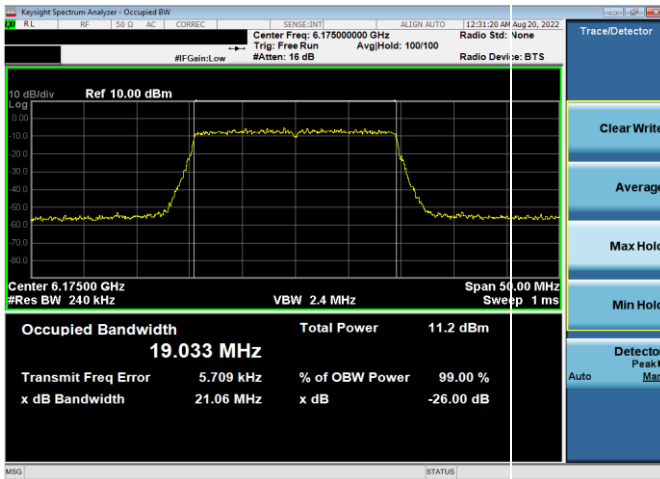
## Mid Data Rate



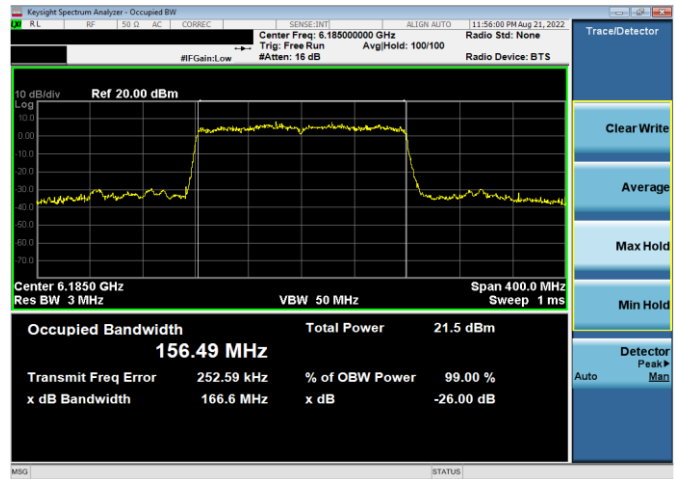
Plot 7-81. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



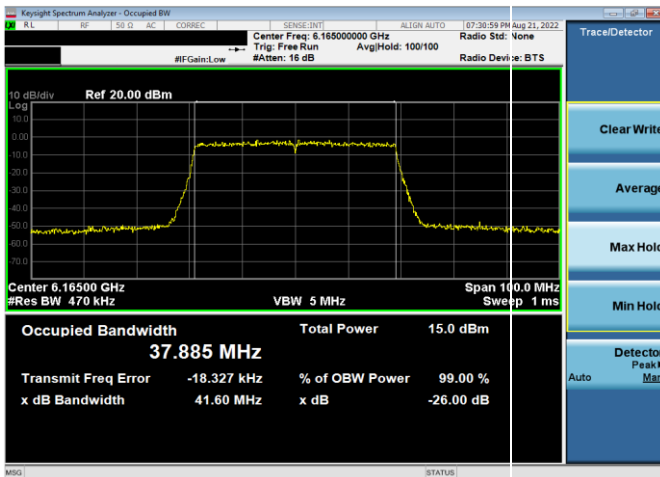
Plot 7-84. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



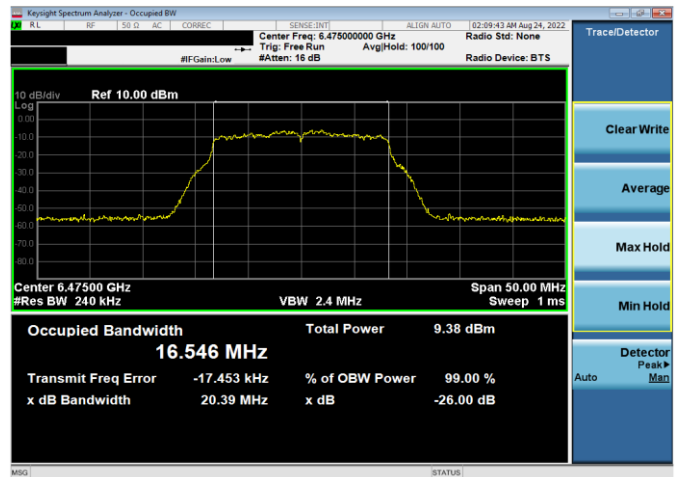
Plot 7-82. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-85. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)



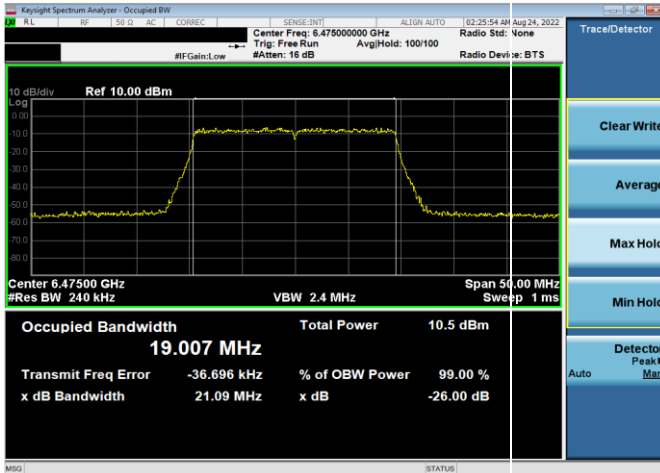
Plot 7-83. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)



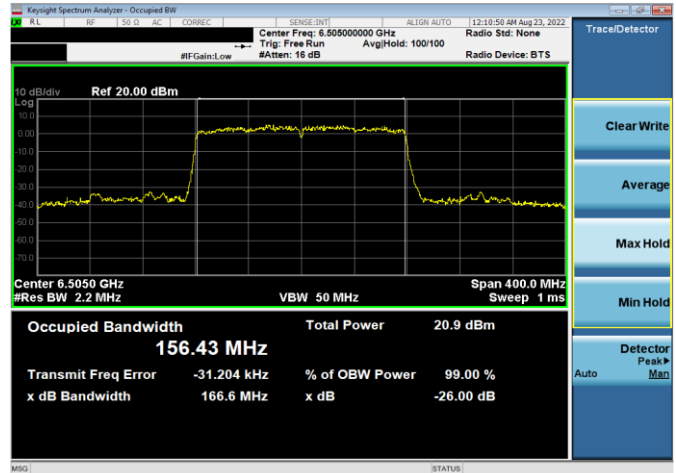
Plot 7-86. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, 24Mbps)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 40 of 282                    |

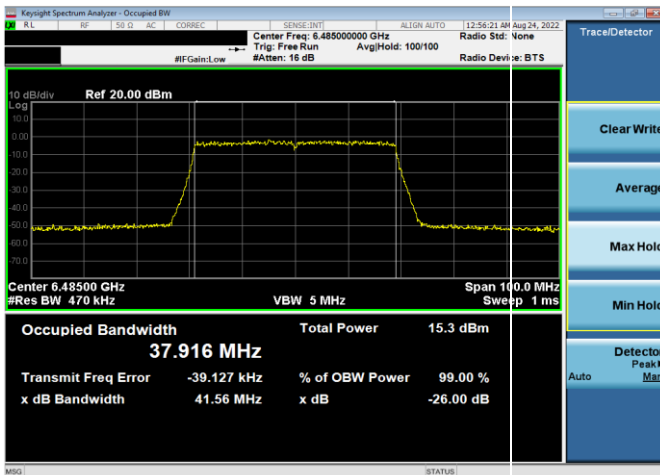
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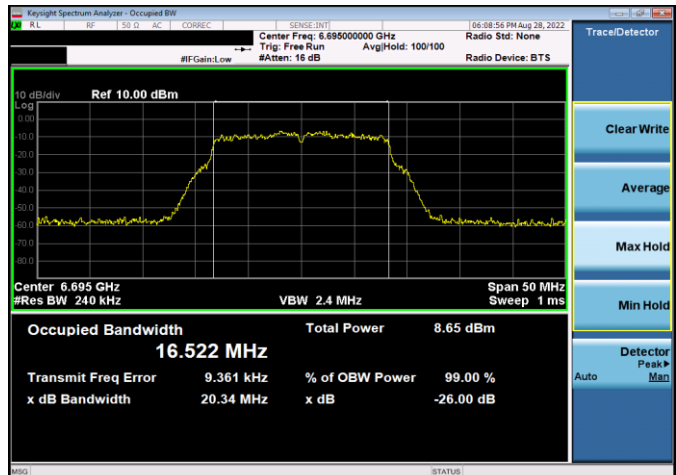
Plot 7-87. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



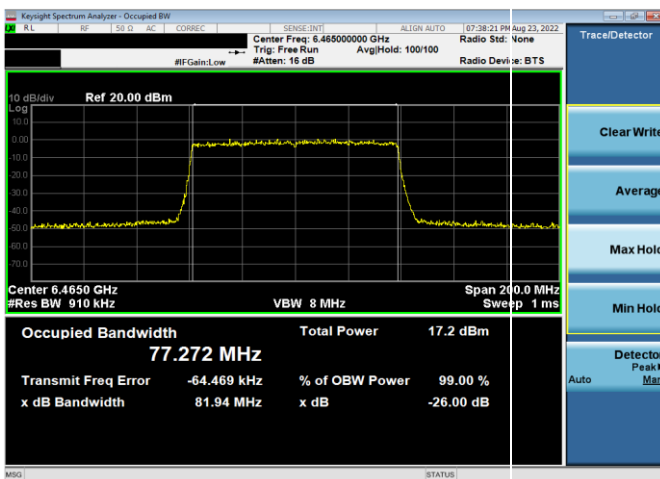
Plot 7-90. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



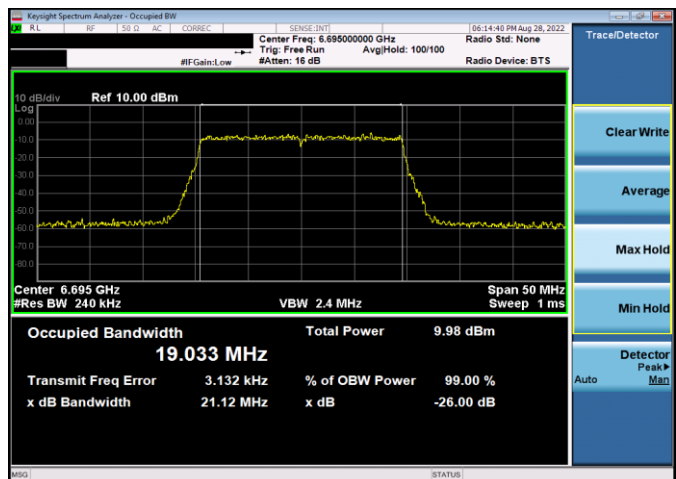
Plot 7-88. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-91. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

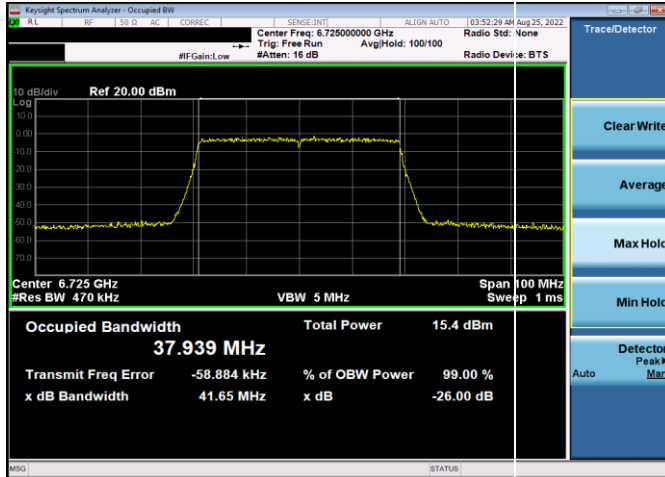


Plot 7-89. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

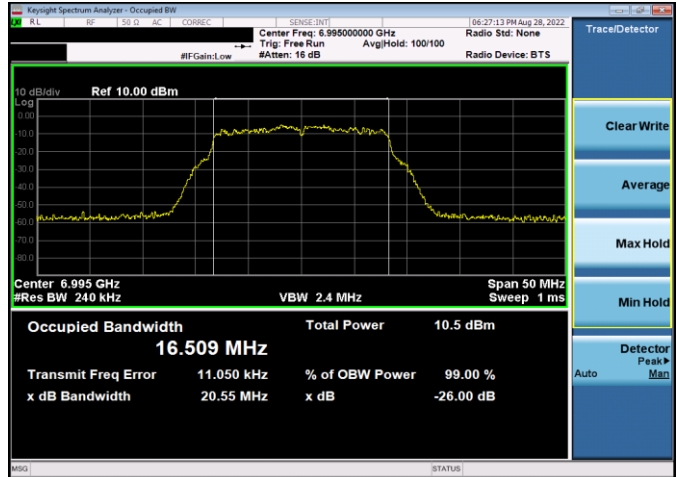


Plot 7-92. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

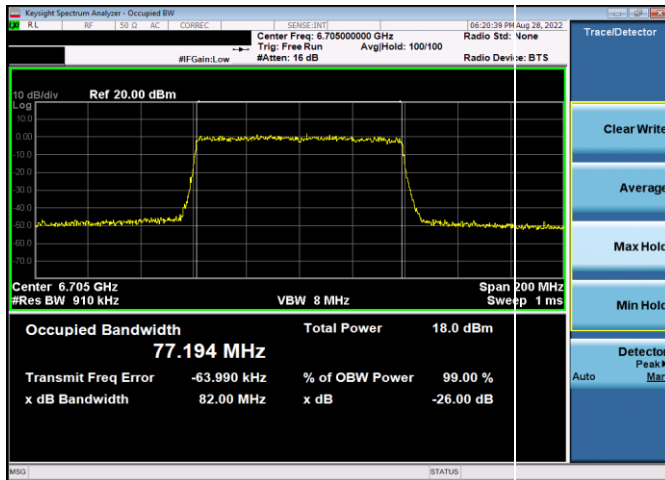
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 41 of 282                    |



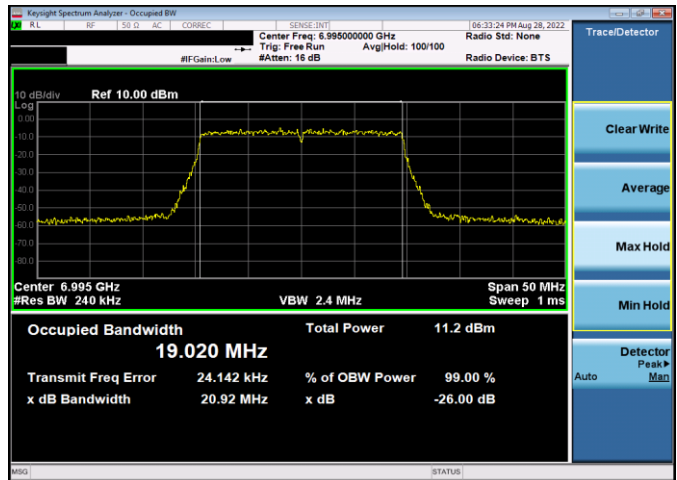
Plot 7-93. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



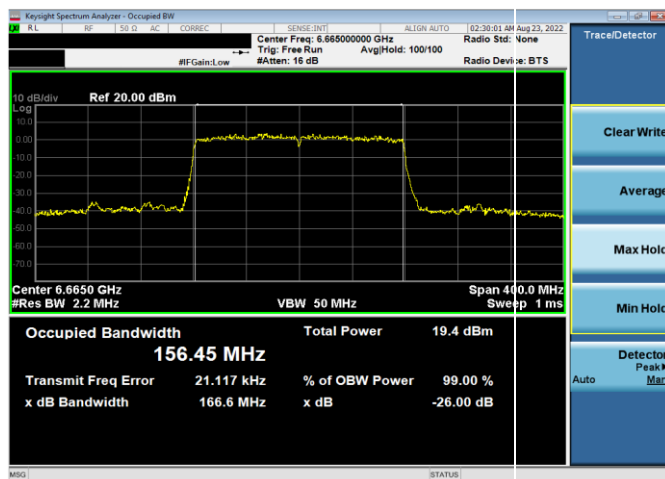
Plot 7-96. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, 24Mbps)



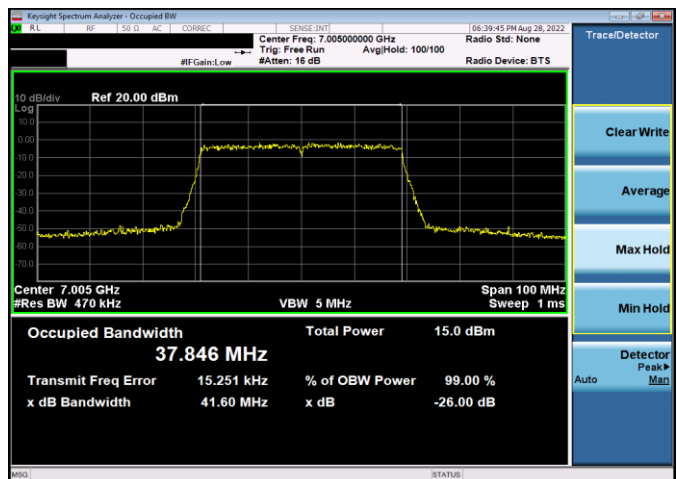
Plot 7-94. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-97. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS4)



Plot 7-95. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)



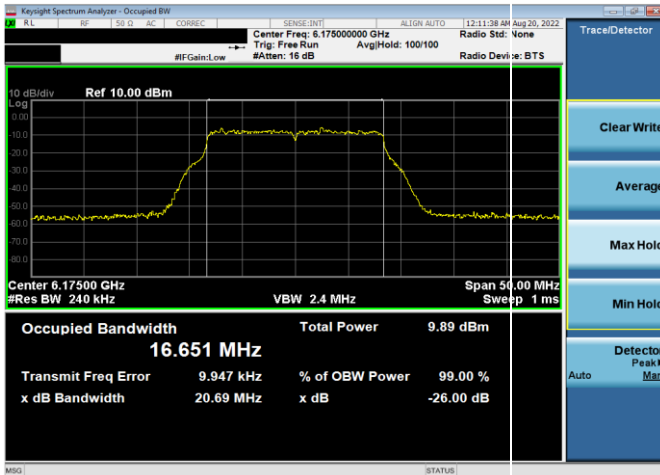
Plot 7-98. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS4)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 42 of 282                    |

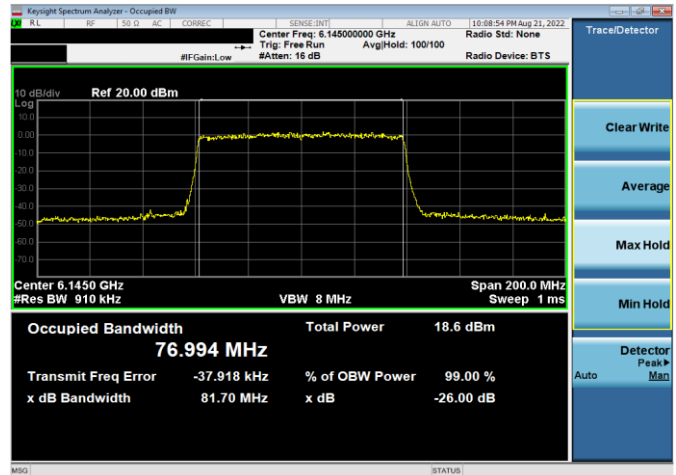
**Plot 7-100. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS4)**

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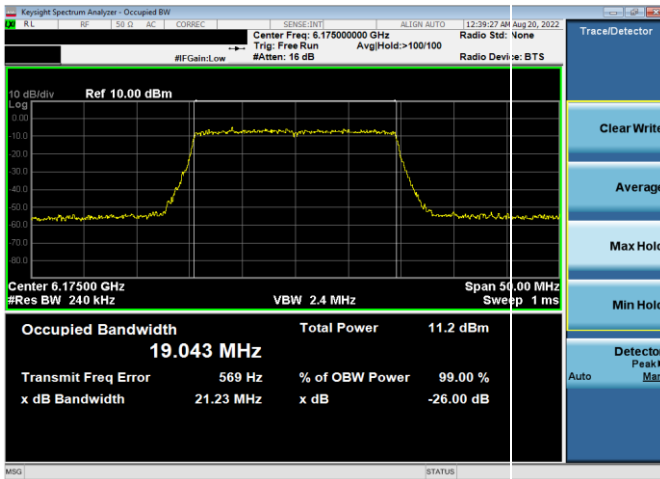
## High Data Rate



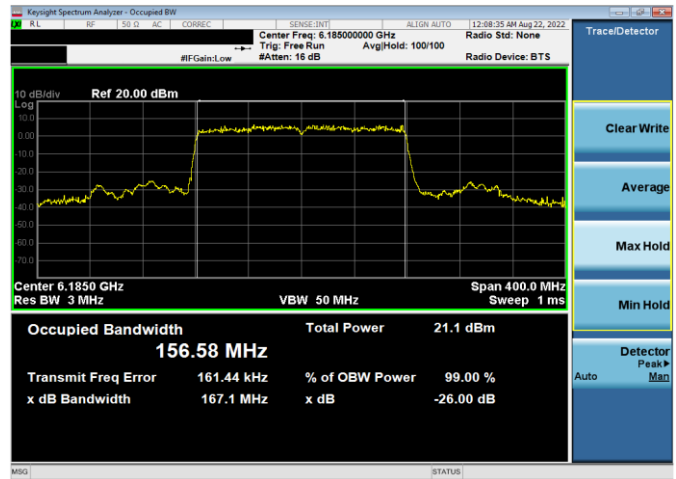
Plot 7-101. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



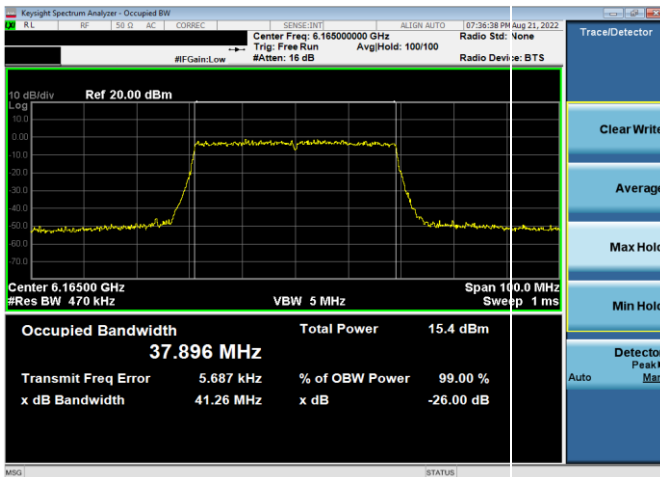
Plot 7-104. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



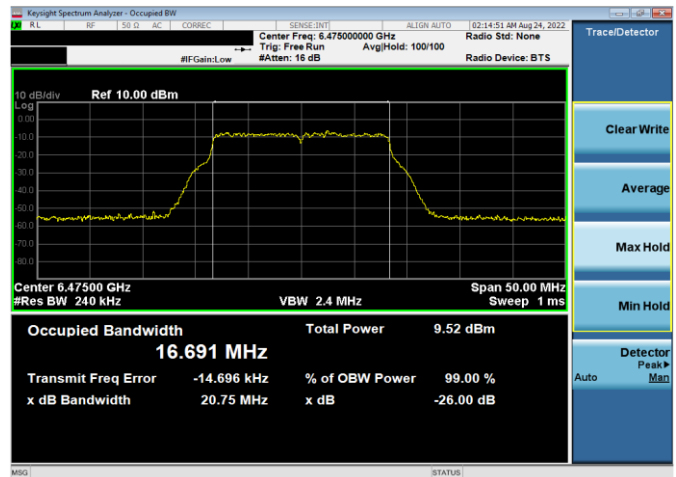
Plot 7-102. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-105. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



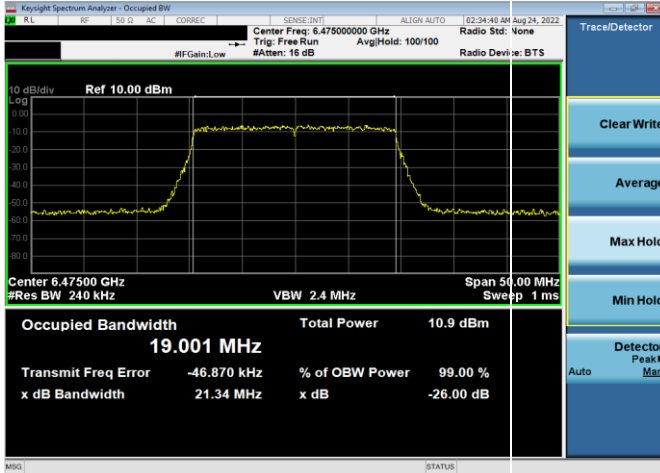
Plot 7-103. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)



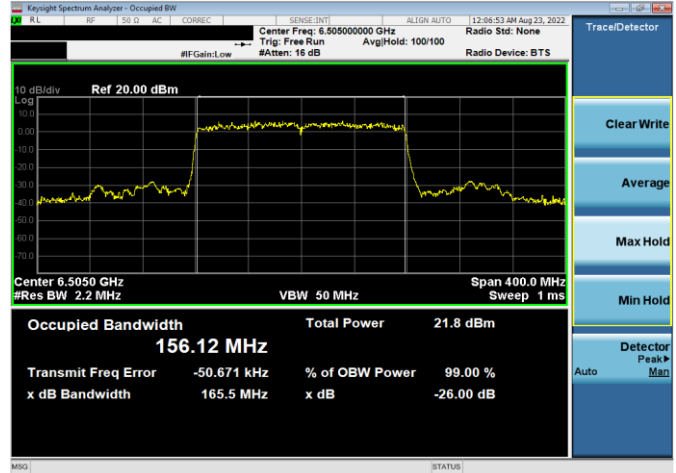
Plot 7-106. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 44 of 282                    |

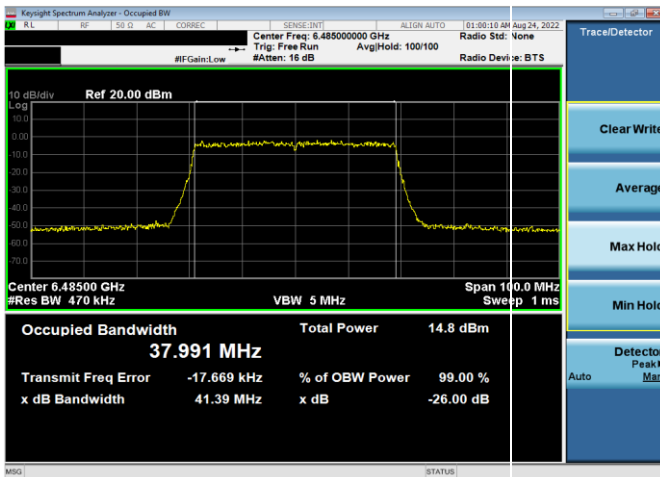
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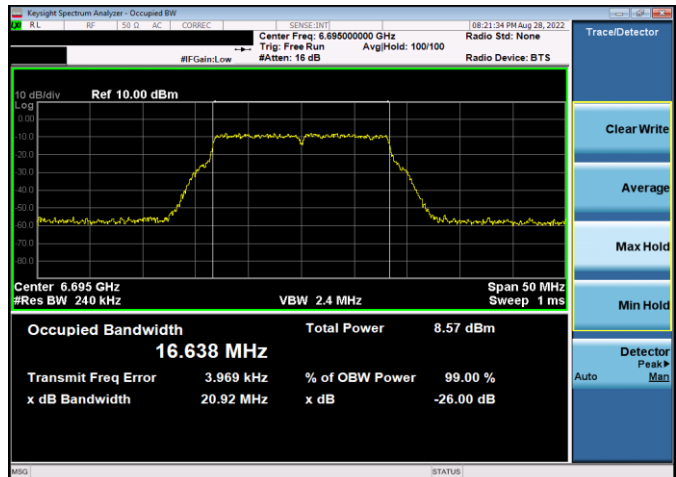
Plot 7-107. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



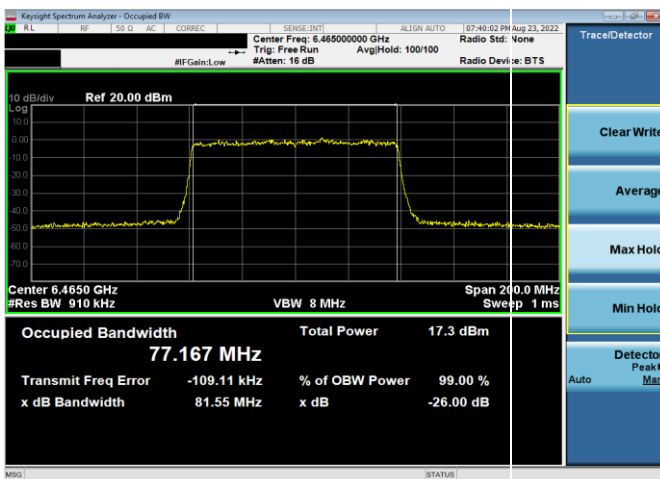
Plot 7-110. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



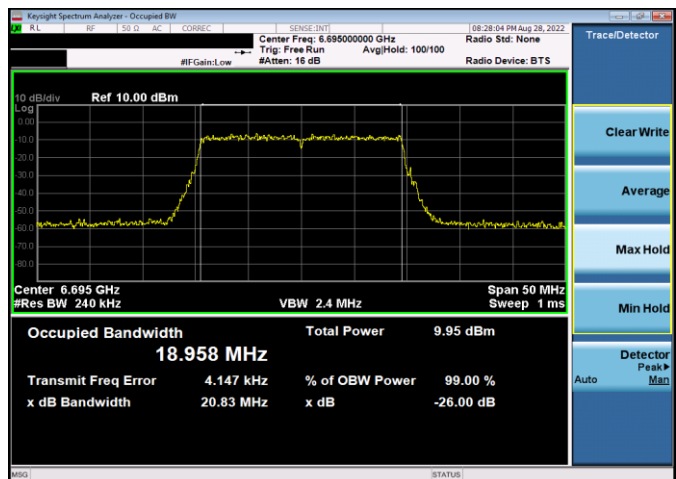
Plot 7-108. 26dB & 99% Bandwidth Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-111. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)



Plot 7-109. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

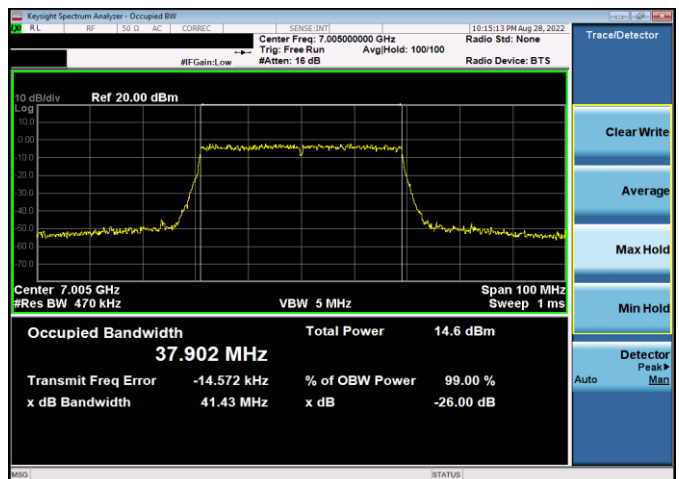
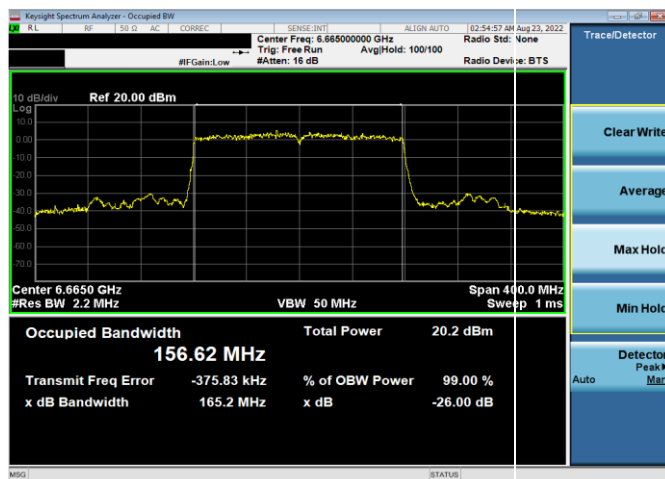
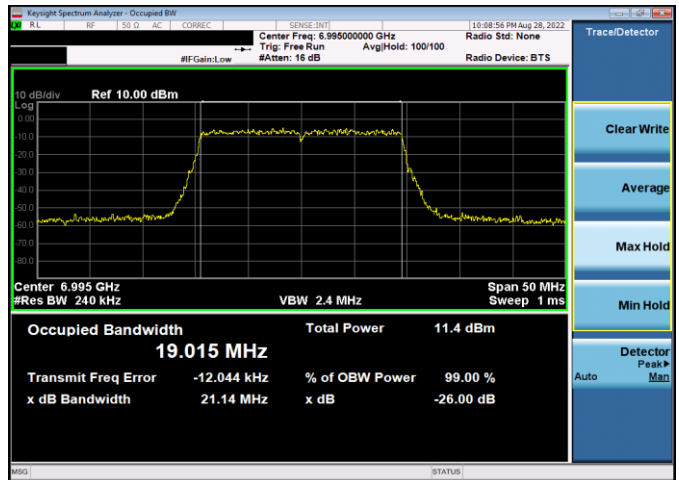
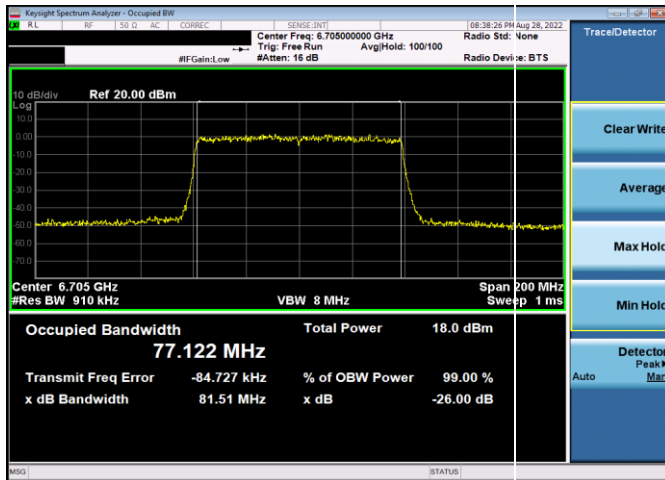
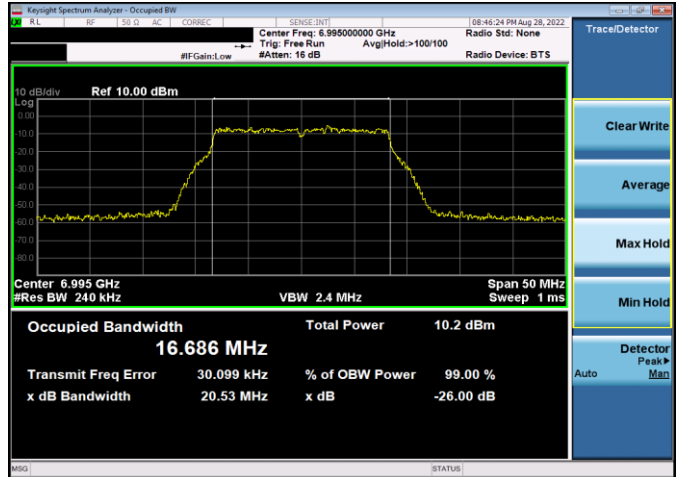
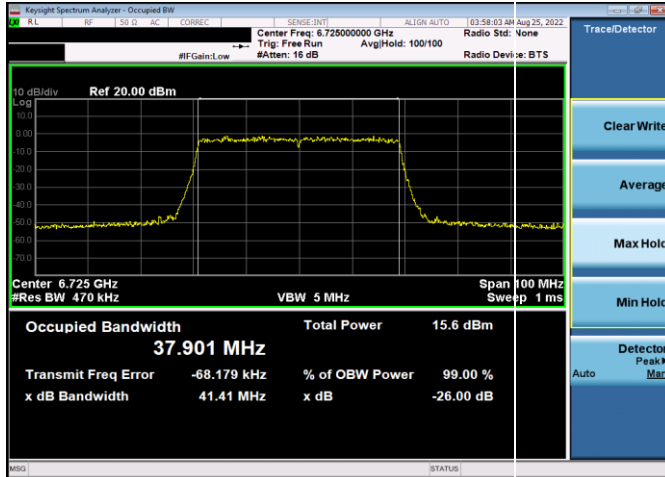


Plot 7-112. 26dB & 99% Bandwidth Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

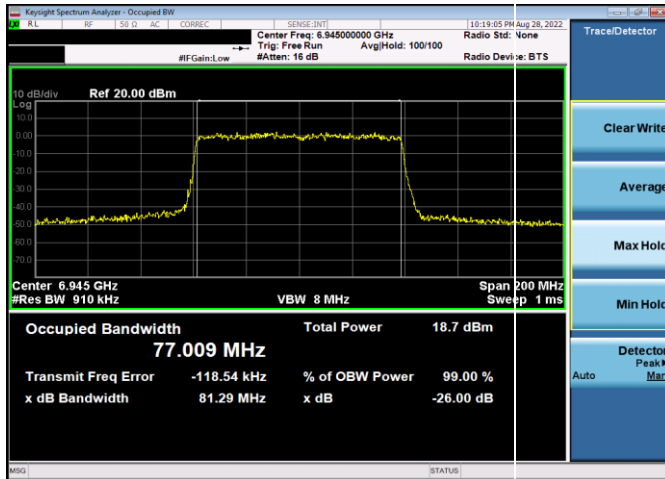
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 45 of 282                    |

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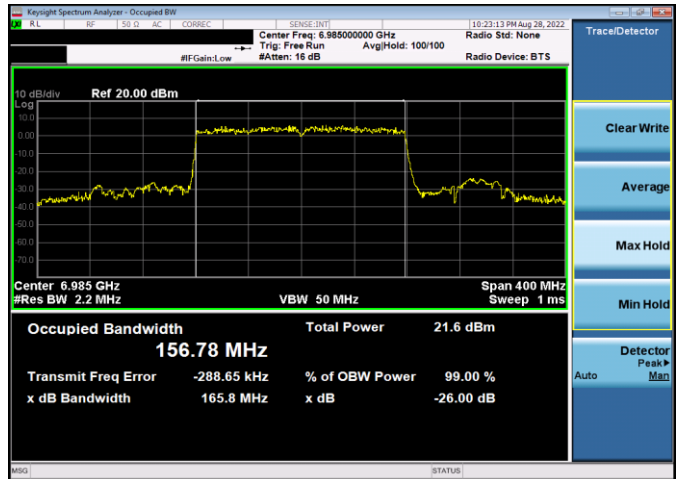
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|                                            |                                                                                     |                                       |                                   |
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| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                               | EUT Type:<br>Tablet Device            | Page 46 of 282                    |



Plot 7-119. 26dB & 99% Bandwidth Plot Antenna 5b (80MHz  
802.11ax (UNII Band 8) – Ch. 199, MCS11)



Plot 7-120. 26dB & 99% Bandwidth Plot Antenna 5b (160MHz  
802.11ax (UNII Band 8) – Ch. 207, MCS11)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 47 of 282                    |

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### 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 24dBm.***

#### Test Procedure Used

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

#### Test Settings

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

#### Test Setup

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



Figure 7-2. Test Instrument & Measurement Setup

#### Test Notes

None

|                                            |                                                                                                                           |                            |                                   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                     | EUT Type:<br>Tablet Device | Page 48 of 282                    |

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### 7.3.1 Antenna 5b 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      | 3.09                  | 3.06     | 4.20            | 7.29               | 24.00                    | -16.71               |
|                        | 6175            | 45      | AVG      | 3.02                  | 2.96     | 3.90            | 6.92               | 24.00                    | -17.08               |
|                        | 6415            | 93      | AVG      | 3.07                  | 3.23     | 4.30            | 7.53               | 24.00                    | -16.47               |
|                        | 6435            | 97      | AVG      | 2.97                  | 2.92     | 4.30            | 7.27               | 24.00                    | -16.73               |
|                        | 6475            | 105     | AVG      | 2.89                  | 2.89     | 4.30            | 7.19               | 24.00                    | -16.81               |
|                        | 6515            | 113     | AVG      | 2.88                  | 2.79     | 3.40            | 6.28               | 24.00                    | -17.72               |
|                        | 6535            | 117     | AVG      | 2.62                  | 2.54     | 3.40            | 6.02               | 24.00                    | -17.98               |
|                        | 6695            | 149     | AVG      | 2.68                  | 2.75     | 4.20            | 6.95               | 24.00                    | -17.05               |
|                        | 6875            | 185     | AVG      | 2.60                  | 2.75     | 4.70            | 7.45               | 24.00                    | -16.55               |
|                        | 6895            | 189     | AVG      | 2.96                  | 3.07     | 4.70            | 7.77               | 24.00                    | -16.23               |
|                        | 6995            | 209     | AVG      | 3.20                  | 3.21     | 4.20            | 7.41               | 24.00                    | -16.59               |
|                        | 7095            | 229     | AVG      | 3.16                  | 3.03     | 4.10            | 7.26               | 24.00                    | -16.74               |
|                        | 7115            | 233     | AVG      | 2.50                  | 2.24     | 4.10            | 6.60               | 24.00                    | -17.40               |

Table 7-8. Antenna 5b 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      | 3.21                  | 3.10     | 4.20            | 7.41               | 24.00                    | -16.59               |
|                        | 6175            | 45      | AVG      | 3.17                  | 3.18     | 3.90            | 7.08               | 24.00                    | -16.92               |
|                        | 6415            | 93      | AVG      | 3.13                  | 3.18     | 4.30            | 7.48               | 24.00                    | -16.52               |
|                        | 6435            | 97      | AVG      | 2.92                  | 2.94     | 4.30            | 7.24               | 24.00                    | -16.76               |
|                        | 6475            | 105     | AVG      | 2.88                  | 2.96     | 4.30            | 7.26               | 24.00                    | -16.74               |
|                        | 6515            | 113     | AVG      | 2.76                  | 2.75     | 3.40            | 6.16               | 24.00                    | -17.84               |
|                        | 6535            | 117     | AVG      | 2.64                  | 2.69     | 3.40            | 6.09               | 24.00                    | -17.91               |
|                        | 6695            | 149     | AVG      | 2.54                  | 2.66     | 4.20            | 6.86               | 24.00                    | -17.14               |
|                        | 6875            | 185     | AVG      | 2.60                  | 2.67     | 4.70            | 7.37               | 24.00                    | -16.63               |
|                        | 6895            | 189     | AVG      | 3.09                  | 3.01     | 4.70            | 7.79               | 24.00                    | -16.21               |
|                        | 6995            | 209     | AVG      | 3.13                  | 3.17     | 4.20            | 7.37               | 24.00                    | -16.63               |
|                        | 7095            | 229     | AVG      | 3.12                  | 3.25     | 4.10            | 7.35               | 24.00                    | -16.65               |
|                        | 7115            | 233     | AVG      | 1.78                  | 1.82     | 4.10            | 5.92               | 24.00                    | -18.08               |

Table 7-9. Antenna 5b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 49 of 282                    |

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| 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      | 3.10                  | 3.23     | 4.20            | 7.43               | 24.00                    | -16.57               |
|                        | 6175            | 45      | AVG      | 3.20                  | 3.05     | 3.90            | 7.10               | 24.00                    | -16.90               |
|                        | 6415            | 93      | AVG      | 3.18                  | 3.00     | 4.30            | 7.48               | 24.00                    | -16.52               |
|                        | 6435            | 97      | AVG      | 2.75                  | 2.95     | 4.30            | 7.25               | 24.00                    | -16.75               |
|                        | 6475            | 105     | AVG      | 2.91                  | 2.78     | 4.30            | 7.21               | 24.00                    | -16.79               |
|                        | 6515            | 113     | AVG      | 2.87                  | 2.98     | 3.40            | 6.38               | 24.00                    | -17.62               |
|                        | 6535            | 117     | AVG      | 2.70                  | 2.71     | 3.40            | 6.11               | 24.00                    | -17.89               |
|                        | 6695            | 149     | AVG      | 2.71                  | 2.55     | 4.20            | 6.91               | 24.00                    | -17.09               |
|                        | 6875            | 185     | AVG      | 2.53                  | 2.55     | 4.70            | 7.25               | 24.00                    | -16.75               |
|                        | 6895            | 189     | AVG      | 3.03                  | 3.25     | 4.70            | 7.95               | 24.00                    | -16.05               |
|                        | 6995            | 209     | AVG      | 3.01                  | 3.13     | 4.20            | 7.33               | 24.00                    | -16.67               |
|                        | 7095            | 229     | AVG      | 3.24                  | 3.15     | 4.10            | 7.34               | 24.00                    | -16.66               |
|                        | 7115            | 233     | AVG      | 1.36                  | 1.35     | 4.10            | 5.46               | 24.00                    | -18.54               |

Table 7-10. Antenna 5b 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      | 6.06                  | 4.20            | 10.26              | 24.00                    | -13.74               |
|                        | 6205            | 51      | AVG      | 6.14                  | 4.10            | 10.24              | 24.00                    | -13.76               |
|                        | 6405            | 91      | AVG      | 6.25                  | 4.20            | 10.45              | 24.00                    | -13.55               |
|                        | 6445            | 99      | AVG      | 5.87                  | 4.30            | 10.17              | 24.00                    | -13.83               |
|                        | 6485            | 107     | AVG      | 5.81                  | 4.30            | 10.11              | 24.00                    | -13.89               |
|                        | 6525            | 115     | AVG      | 5.59                  | 3.40            | 8.99               | 24.00                    | -15.01               |
|                        | 6565            | 123     | AVG      | 5.56                  | 3.40            | 8.96               | 24.00                    | -15.04               |
|                        | 6725            | 155     | AVG      | 5.68                  | 4.10            | 9.78               | 24.00                    | -14.22               |
|                        | 6845            | 179     | AVG      | 5.74                  | 4.70            | 10.44              | 24.00                    | -13.56               |
|                        | 6885            | 187     | AVG      | 5.75                  | 4.70            | 10.45              | 24.00                    | -13.55               |
|                        | 6965            | 203     | AVG      | 6.19                  | 4.20            | 10.39              | 24.00                    | -13.61               |
|                        | 7085            | 227     | AVG      | 6.08                  | 4.10            | 10.18              | 24.00                    | -13.82               |

Table 7-11. Antenna 5b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 50 of 282                    |

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| 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      | 6.25                  | 4.20            | 10.45              | 24.00                    | -13.55               |
|                        | 6205            | 51      | AVG      | 6.24                  | 4.10            | 10.34              | 24.00                    | -13.66               |
|                        | 6405            | 91      | AVG      | 6.22                  | 4.20            | 10.42              | 24.00                    | -13.58               |
|                        | 6445            | 99      | AVG      | 5.96                  | 4.30            | 10.26              | 24.00                    | -13.74               |
|                        | 6485            | 107     | AVG      | 5.96                  | 4.30            | 10.26              | 24.00                    | -13.74               |
|                        | 6525            | 115     | AVG      | 5.56                  | 3.40            | 8.96               | 24.00                    | -15.04               |
|                        | 6565            | 123     | AVG      | 5.59                  | 3.40            | 8.99               | 24.00                    | -15.01               |
|                        | 6725            | 155     | AVG      | 5.66                  | 4.10            | 9.76               | 24.00                    | -14.24               |
|                        | 6845            | 179     | AVG      | 5.65                  | 4.70            | 10.35              | 24.00                    | -13.65               |
|                        | 6885            | 187     | AVG      | 5.72                  | 4.70            | 10.42              | 24.00                    | -13.58               |
|                        | 6965            | 203     | AVG      | 6.01                  | 4.20            | 10.21              | 24.00                    | -13.79               |
|                        | 7085            | 227     | AVG      | 6.22                  | 4.10            | 10.32              | 24.00                    | -13.68               |

Table 7-12. Antenna 5b 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      | 6.22                  | 4.20            | 10.42              | 24.00                    | -13.58               |
|                        | 6205            | 51      | AVG      | 6.14                  | 4.10            | 10.24              | 24.00                    | -13.76               |
|                        | 6405            | 91      | AVG      | 6.07                  | 4.20            | 10.27              | 24.00                    | -13.73               |
|                        | 6445            | 99      | AVG      | 5.75                  | 4.30            | 10.05              | 24.00                    | -13.95               |
|                        | 6485            | 107     | AVG      | 5.89                  | 4.30            | 10.19              | 24.00                    | -13.81               |
|                        | 6525            | 115     | AVG      | 5.62                  | 3.40            | 9.02               | 24.00                    | -14.98               |
|                        | 6565            | 123     | AVG      | 5.71                  | 3.40            | 9.11               | 24.00                    | -14.89               |
|                        | 6725            | 155     | AVG      | 5.64                  | 4.10            | 9.74               | 24.00                    | -14.26               |
|                        | 6845            | 179     | AVG      | 5.61                  | 4.70            | 10.31              | 24.00                    | -13.69               |
|                        | 6885            | 187     | AVG      | 5.54                  | 4.70            | 10.24              | 24.00                    | -13.76               |
|                        | 6965            | 203     | AVG      | 6.11                  | 4.20            | 10.31              | 24.00                    | -13.69               |
|                        | 7085            | 227     | AVG      | 6.10                  | 4.10            | 10.20              | 24.00                    | -13.80               |

Table 7-13. Antenna 5b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 51 of 282                    |

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| 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      | 9.07                  | 4.20            | 13.27              | 24.00                    | -10.73               |
|                        | 6225            | 55      | AVG      | 9.11                  | 4.10            | 13.21              | 24.00                    | -10.79               |
|                        | 6385            | 87      | AVG      | 9.25                  | 4.20            | 13.45              | 24.00                    | -10.55               |
|                        | 6465            | 103     | AVG      | 8.77                  | 4.30            | 13.07              | 24.00                    | -10.93               |
|                        | 6545            | 119     | AVG      | 8.59                  | 3.40            | 11.99              | 24.00                    | -12.01               |
|                        | 6705            | 151     | AVG      | 8.57                  | 4.20            | 12.77              | 24.00                    | -11.23               |
|                        | 6865            | 183     | AVG      | 8.70                  | 4.70            | 13.40              | 24.00                    | -10.60               |
|                        | 6945            | 199     | AVG      | 9.19                  | 4.20            | 13.39              | 24.00                    | -10.61               |
|                        | 7025            | 215     | AVG      | 9.05                  | 4.10            | 13.15              | 24.00                    | -10.85               |

Table 7-14. Antenna 5b 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      | 8.98                  | 4.20            | 13.18              | 24.00                    | -10.82               |
|                        | 6225            | 55      | AVG      | 9.06                  | 4.10            | 13.16              | 24.00                    | -10.84               |
|                        | 6385            | 87      | AVG      | 9.03                  | 4.20            | 13.23              | 24.00                    | -10.77               |
|                        | 6465            | 103     | AVG      | 8.96                  | 4.30            | 13.26              | 24.00                    | -10.74               |
|                        | 6545            | 119     | AVG      | 8.70                  | 3.40            | 12.10              | 24.00                    | -11.90               |
|                        | 6625            | 135     | AVG      | 8.56                  | 4.20            | 12.76              | 24.00                    | -11.24               |
|                        | 6705            | 151     | AVG      | 8.65                  | 4.20            | 12.85              | 24.00                    | -11.15               |
|                        | 6785            | 167     | AVG      | 8.51                  | 4.10            | 12.61              | 24.00                    | -11.39               |
|                        | 6865            | 183     | AVG      | 8.51                  | 4.70            | 13.21              | 24.00                    | -10.79               |
|                        | 6945            | 199     | AVG      | 9.00                  | 4.20            | 13.20              | 24.00                    | -10.80               |
|                        | 7025            | 215     | AVG      | 9.04                  | 4.10            | 13.14              | 24.00                    | -10.86               |

Table 7-15. Antenna 5b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 52 of 282                    |

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| 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      | 9.24                  | 4.20            | 13.44              | 24.00                    | -10.56               |
|                        | 6225            | 55      | AVG      | 9.06                  | 4.10            | 13.16              | 24.00                    | -10.84               |
|                        | 6385            | 87      | AVG      | 9.16                  | 4.20            | 13.36              | 24.00                    | -10.64               |
|                        | 6465            | 103     | AVG      | 8.78                  | 4.30            | 13.08              | 24.00                    | -10.92               |
|                        | 6545            | 119     | AVG      | 8.63                  | 3.40            | 12.03              | 24.00                    | -11.97               |
|                        | 6625            | 135     | AVG      | 8.67                  | 4.20            | 12.87              | 24.00                    | -11.13               |
|                        | 6705            | 151     | AVG      | 8.53                  | 4.20            | 12.73              | 24.00                    | -11.27               |
|                        | 6785            | 167     | AVG      | 8.71                  | 4.10            | 12.81              | 24.00                    | -11.19               |
|                        | 6865            | 183     | AVG      | 8.74                  | 4.70            | 13.44              | 24.00                    | -10.56               |
|                        | 6945            | 199     | AVG      | 9.21                  | 4.20            | 13.41              | 24.00                    | -10.59               |
|                        | 7025            | 215     | AVG      | 9.14                  | 4.10            | 13.24              | 24.00                    | -10.76               |

Table 7-16. Antenna 5b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High 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      | 12.58                 | 3.90            | 16.48              | 24.00                    | -7.52                |
|                         | 6185            | 47      | AVG      | 13.05                 | 3.90            | 16.95              | 24.00                    | -7.05                |
|                         | 6345            | 79      | AVG      | 13.23                 | 4.20            | 17.43              | 24.00                    | -6.57                |
|                         | 6505            | 111     | AVG      | 12.74                 | 3.40            | 16.14              | 24.00                    | -7.86                |
|                         | 6665            | 143     | AVG      | 12.75                 | 4.20            | 16.95              | 24.00                    | -7.05                |
|                         | 6825            | 175     | AVG      | 12.63                 | 4.70            | 17.33              | 24.00                    | -6.67                |
|                         | 6985            | 207     | AVG      | 12.69                 | 4.20            | 16.89              | 24.00                    | -7.11                |

Table 7-17. Antenna 5b 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      | 12.63                 | 3.90            | 16.53              | 24.00                    | -7.47                |
|                         | 6185            | 47      | AVG      | 13.12                 | 3.90            | 17.02              | 24.00                    | -6.98                |
|                         | 6345            | 79      | AVG      | 13.17                 | 4.20            | 17.37              | 24.00                    | -6.63                |
|                         | 6505            | 111     | AVG      | 12.61                 | 3.40            | 16.01              | 24.00                    | -7.99                |
|                         | 6665            | 143     | AVG      | 12.75                 | 4.20            | 16.95              | 24.00                    | -7.05                |
|                         | 6825            | 175     | AVG      | 12.74                 | 4.70            | 17.44              | 24.00                    | -6.56                |
|                         | 6985            | 207     | AVG      | 12.51                 | 4.20            | 16.71              | 24.00                    | -7.29                |

Table 7-18. Antenna 5b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 53 of 282                    |

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| 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      | 12.69                 | 3.90            | 16.59              | 24.00                    | -7.41                |
|                         | 6185            | 47      | AVG      | 13.09                 | 3.90            | 16.99              | 24.00                    | -7.01                |
|                         | 6345            | 79      | AVG      | 13.23                 | 4.20            | 17.43              | 24.00                    | -6.57                |
|                         | 6505            | 111     | AVG      | 12.67                 | 3.40            | 16.07              | 24.00                    | -7.93                |
|                         | 6665            | 143     | AVG      | 12.60                 | 4.20            | 16.80              | 24.00                    | -7.20                |
|                         | 6825            | 175     | AVG      | 12.54                 | 4.70            | 17.24              | 24.00                    | -6.76                |
|                         | 6985            | 207     | AVG      | 12.72                 | 4.20            | 16.92              | 24.00                    | -7.08                |

Table 7-19. Antenna 5b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 54 of 282                    |

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### 7.3.2 Antenna 4a 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      | 3.05                  | 3.16     | -0.70           | 2.46               | 24.00                    | -21.54               |
|                        | 6175            | 45      | AVG      | 3.10                  | 3.12     | -0.60           | 2.52               | 24.00                    | -21.48               |
|                        | 6415            | 93      | AVG      | 3.17                  | 3.24     | 1.20            | 4.44               | 24.00                    | -19.56               |
|                        | 6435            | 97      | AVG      | 2.90                  | 2.96     | 1.20            | 4.16               | 24.00                    | -19.84               |
|                        | 6475            | 105     | AVG      | 2.80                  | 3.00     | 1.20            | 4.20               | 24.00                    | -19.80               |
|                        | 6515            | 113     | AVG      | 3.00                  | 2.93     | -0.30           | 2.70               | 24.00                    | -21.30               |
|                        | 6535            | 117     | AVG      | 2.48                  | 2.40     | -0.30           | 2.18               | 24.00                    | -21.82               |
|                        | 6695            | 149     | AVG      | 2.62                  | 2.47     | -1.60           | 1.02               | 24.00                    | -22.98               |
|                        | 6875            | 185     | AVG      | 2.48                  | 2.53     | -2.40           | 0.13               | 24.00                    | -23.87               |
|                        | 6895            | 189     | AVG      | 3.06                  | 3.00     | -2.40           | 0.66               | 24.00                    | -23.34               |
|                        | 6995            | 209     | AVG      | 3.06                  | 3.02     | -3.30           | -0.24              | 24.00                    | -24.24               |
|                        | 7095            | 229     | AVG      | 2.92                  | 2.67     | -4.90           | -1.98              | 24.00                    | -25.98               |
|                        | 7115            | 233     | AVG      | 2.47                  | 2.03     | -4.90           | -2.43              | 24.00                    | -26.43               |

Table 7-20. Antenna 4a 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      | 3.16                  | 3.04     | -0.70           | 2.46               | 24.00                    | -21.54               |
|                        | 6175            | 45      | AVG      | 3.09                  | 3.00     | -0.60           | 2.49               | 24.00                    | -21.51               |
|                        | 6415            | 93      | AVG      | 3.02                  | 3.17     | 1.20            | 4.37               | 24.00                    | -19.63               |
|                        | 6435            | 97      | AVG      | 2.96                  | 2.98     | 1.20            | 4.18               | 24.00                    | -19.82               |
|                        | 6475            | 105     | AVG      | 2.78                  | 2.80     | 1.20            | 4.00               | 24.00                    | -20.00               |
|                        | 6515            | 113     | AVG      | 3.00                  | 2.98     | -0.30           | 2.70               | 24.00                    | -21.30               |
|                        | 6535            | 117     | AVG      | 2.57                  | 2.71     | -0.30           | 2.41               | 24.00                    | -21.59               |
|                        | 6695            | 149     | AVG      | 2.51                  | 2.75     | -1.60           | 1.15               | 24.00                    | -22.85               |
|                        | 6875            | 185     | AVG      | 2.69                  | 2.69     | -2.40           | 0.29               | 24.00                    | -23.71               |
|                        | 6895            | 189     | AVG      | 3.21                  | 3.11     | -2.40           | 0.81               | 24.00                    | -23.19               |
|                        | 6995            | 209     | AVG      | 3.08                  | 3.04     | -3.30           | -0.22              | 24.00                    | -24.22               |
|                        | 7095            | 229     | AVG      | 2.73                  | 3.25     | -4.90           | -1.65              | 24.00                    | -25.65               |
|                        | 7115            | 233     | AVG      | 1.73                  | 1.55     | -4.90           | -3.17              | 24.00                    | -27.17               |

Table 7-21. Antenna 4a 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 55 of 282                    |

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| 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      | 3.22                  | 3.21     | -0.70           | 2.52               | 24.00                    | -21.48               |
|                        | 6175            | 45      | AVG      | 3.11                  | 3.18     | -0.60           | 2.58               | 24.00                    | -21.42               |
|                        | 6415            | 93      | AVG      | 3.10                  | 3.13     | 1.20            | 4.33               | 24.00                    | -19.67               |
|                        | 6435            | 97      | AVG      | 2.75                  | 2.95     | 1.20            | 4.15               | 24.00                    | -19.85               |
|                        | 6475            | 105     | AVG      | 2.97                  | 2.76     | 1.20            | 4.17               | 24.00                    | -19.83               |
|                        | 6515            | 113     | AVG      | 2.86                  | 2.86     | -0.30           | 2.56               | 24.00                    | -21.44               |
|                        | 6535            | 117     | AVG      | 2.57                  | 2.61     | -0.30           | 2.31               | 24.00                    | -21.69               |
|                        | 6695            | 149     | AVG      | 2.56                  | 2.51     | -1.60           | 0.96               | 24.00                    | -23.04               |
|                        | 6875            | 185     | AVG      | 2.59                  | 2.66     | -2.40           | 0.26               | 24.00                    | -23.74               |
|                        | 6895            | 189     | AVG      | 3.06                  | 3.25     | -2.40           | 0.85               | 24.00                    | -23.15               |
|                        | 6995            | 209     | AVG      | 3.04                  | 3.04     | -3.30           | -0.26              | 24.00                    | -24.26               |
|                        | 7095            | 229     | AVG      | 3.01                  | 3.03     | -4.90           | -1.87              | 24.00                    | -25.87               |
|                        | 7115            | 233     | AVG      | 1.30                  | 1.42     | -4.90           | -3.48              | 24.00                    | -27.48               |

Table 7-22. Antenna 4a 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      | 6.04                  | -0.70           | 5.34               | 24.00                    | -18.66               |
|                        | 6205            | 51      | AVG      | 6.15                  | 0.60            | 6.75               | 24.00                    | -17.25               |
|                        | 6405            | 91      | AVG      | 6.02                  | 1.00            | 7.02               | 24.00                    | -16.98               |
|                        | 6445            | 99      | AVG      | 6.00                  | 1.20            | 7.20               | 24.00                    | -16.80               |
|                        | 6485            | 107     | AVG      | 5.95                  | 1.20            | 7.15               | 24.00                    | -16.85               |
|                        | 6525            | 115     | AVG      | 5.51                  | -0.30           | 5.21               | 24.00                    | -18.79               |
|                        | 6565            | 123     | AVG      | 5.58                  | -0.30           | 5.28               | 24.00                    | -18.72               |
|                        | 6725            | 155     | AVG      | 5.66                  | -1.50           | 4.16               | 24.00                    | -19.84               |
|                        | 6845            | 179     | AVG      | 5.52                  | -2.40           | 3.12               | 24.00                    | -20.88               |
|                        | 6885            | 187     | AVG      | 5.47                  | -2.40           | 3.07               | 24.00                    | -20.93               |
|                        | 6965            | 203     | AVG      | 5.96                  | -3.30           | 2.66               | 24.00                    | -21.34               |
|                        | 7085            | 227     | AVG      | 6.25                  | -4.90           | 1.35               | 24.00                    | -22.65               |

Table 7-23. Antenna 4a 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-21-R2.BCG | Test Dates:<br>05/27/2022 - 9/12/2022                                                                                             | EUT Type:<br>Tablet Device | Page 56 of 282                    |

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