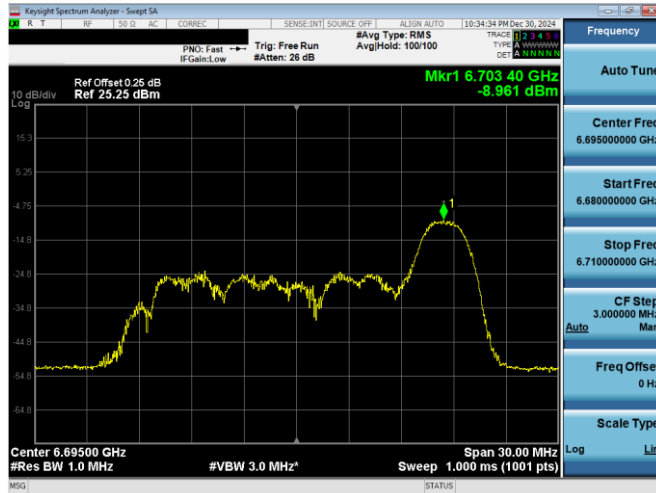
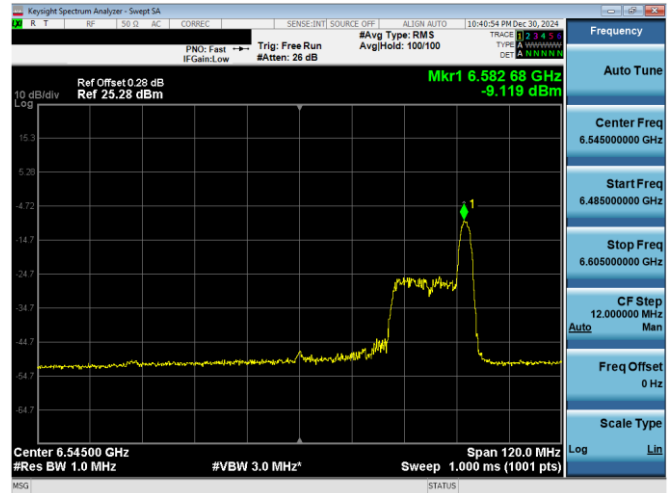
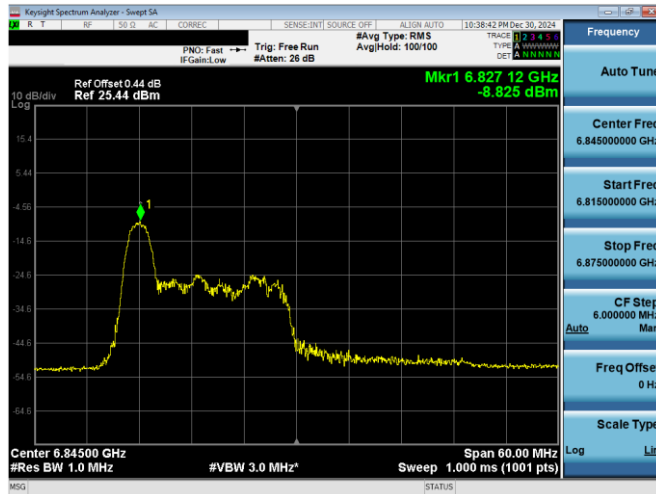




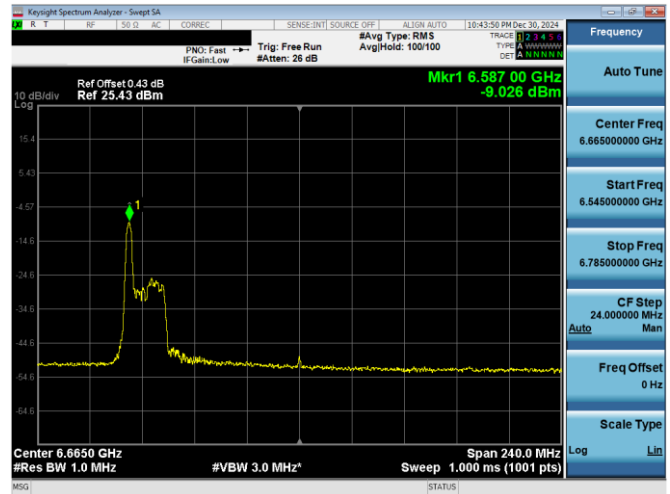
Plot 7-209. PSD Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 149)



Plot 7-211. PSD Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 119)



Plot 7-210. PSD Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 179)

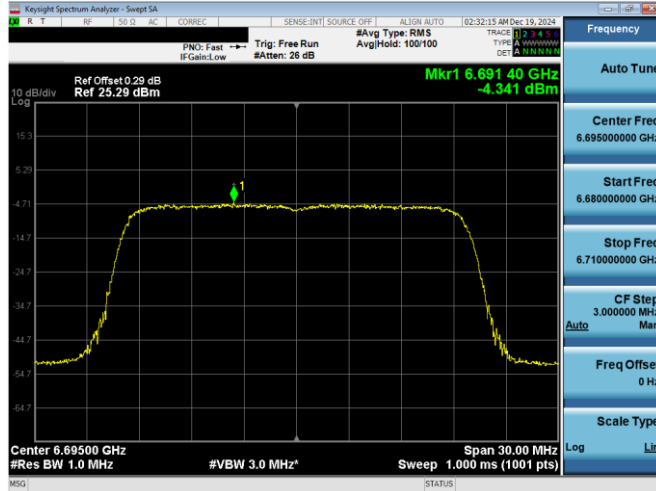


Plot 7-212. PSD Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 143)

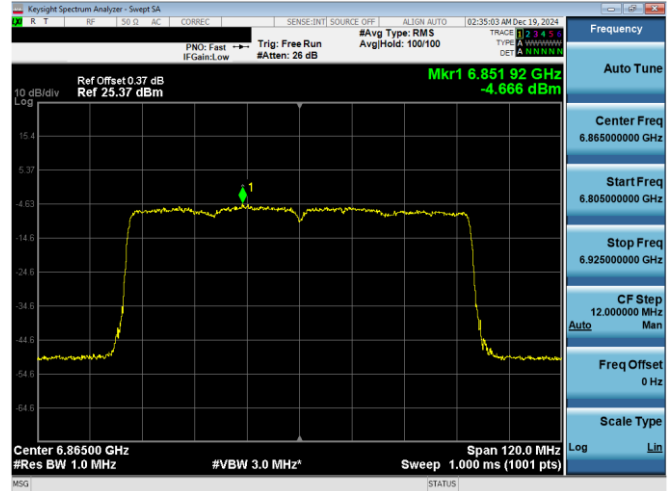
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 146 of 548                       |                                   |

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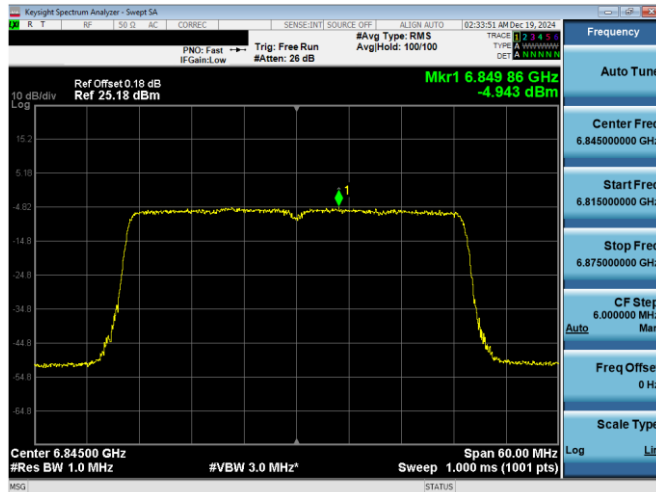
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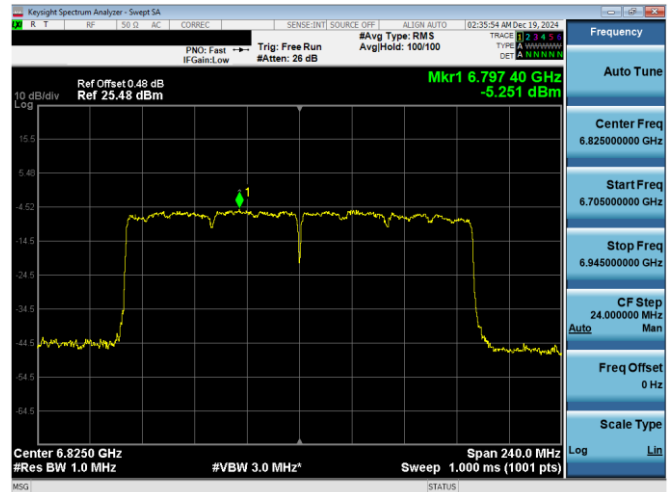
Plot 7-213. PSD Plot Antenna WF7a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



Plot 7-215. PSD Plot Antenna WF7a (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 183)



Plot 7-214. PSD Plot Antenna WF7a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 179)

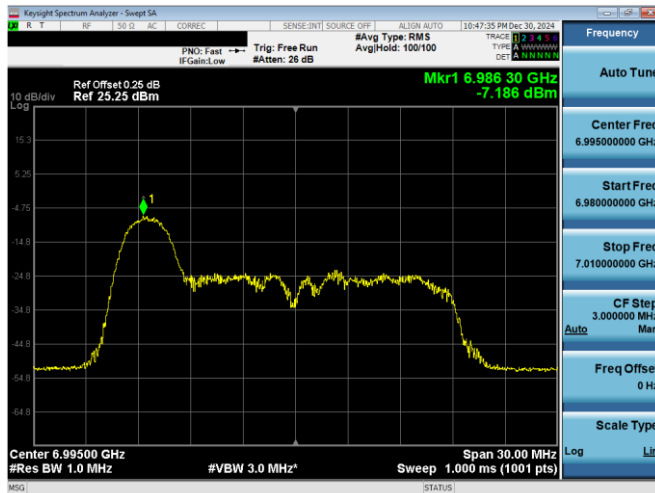


Plot 7-216. PSD Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 7) - Ch. 175)

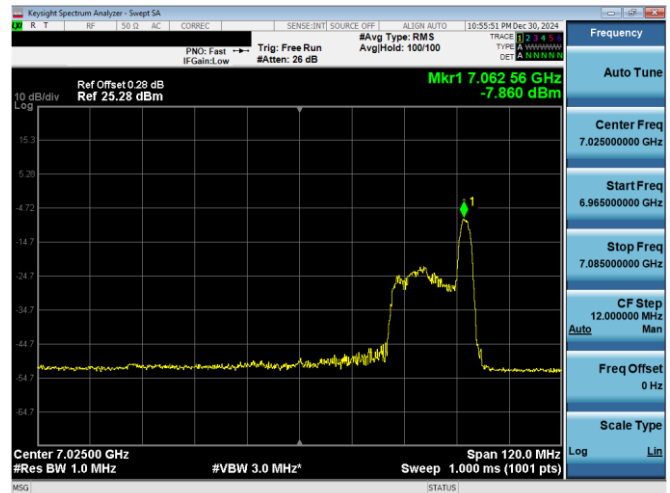
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 147 of 548                       |                                   |

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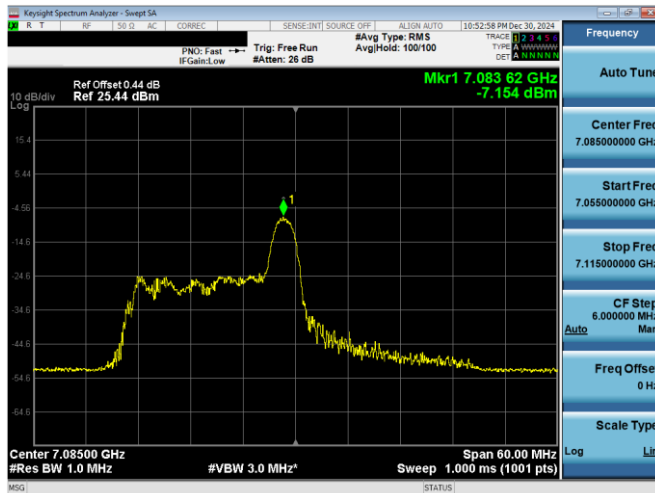
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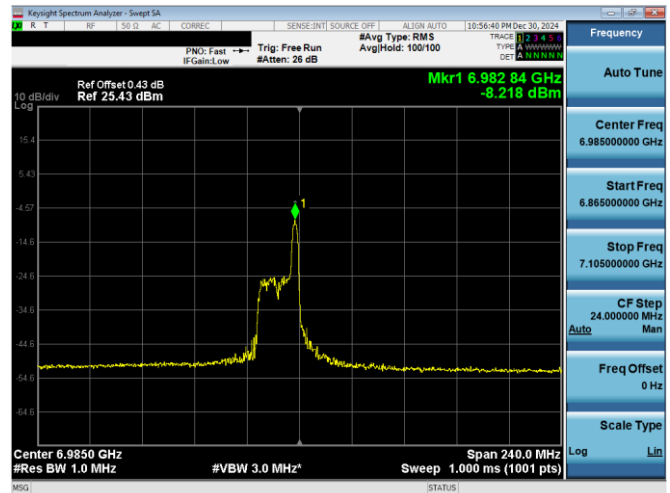
Plot 7-217. PSD Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



Plot 7-219. PSD Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 215)

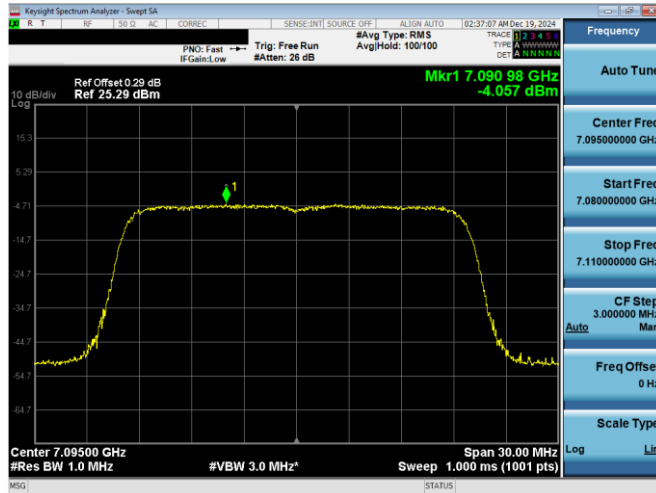


Plot 7-218. PSD Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 227)

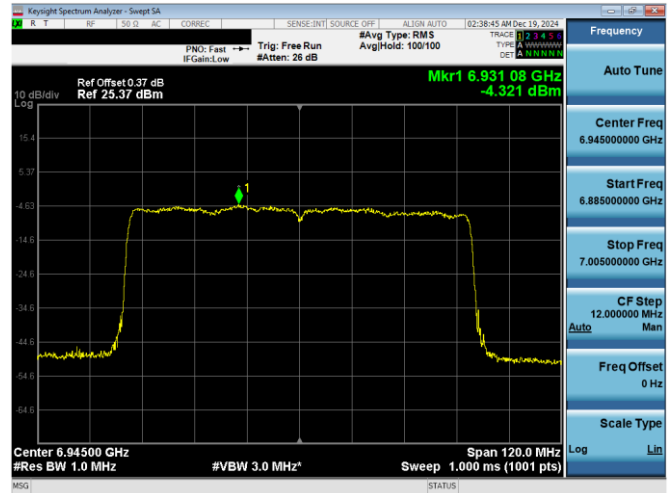


Plot 7-220. PSD Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

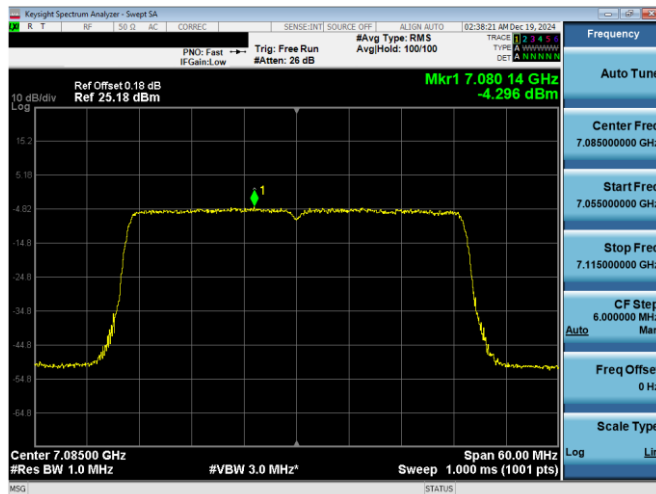
|                                            |                                                                                                                                   |                            |                                          |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 148 of 548                          |



Plot 7-221. PSD Plot Antenna WF7a (20MHz 802.11ax RU242 (UNII Band 8) - Ch. 229)



Plot 7-223. PSD Plot Antenna WF7a (80MHz 802.11ax RU996 (UNII Band 8) - Ch. 199)



Plot 7-222. PSD Plot Antenna WF7a (40MHz 802.11ax RU484 (UNII Band 8) - Ch. 227)



Plot 7-224. PSD Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 8) - Ch. 207)

|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 149 of 548                       |                                   |

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## 7.4.3 Antenna WF2a Power Spectral Density Measurements – SP

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1       | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.80                             | 2.10               | 7.90                      | 17                         | -9.10       |
|        | 5935            | 1       | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.94                             | 2.10               | 7.04                      | 17                         | -9.96       |
|        | 5935            | 1       | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.35                             | 2.10               | 7.45                      | 17                         | -9.55       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.81                             | -0.10              | 5.71                      | 17                         | -11.29      |
|        | 6175            | 45      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.76                             | -0.10              | 4.66                      | 17                         | -12.34      |
|        | 6175            | 45      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.61                             | -0.10              | 5.51                      | 17                         | -11.49      |
|        | 6415            | 93      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.69                             | -0.80              | 4.89                      | 17                         | -12.11      |
|        | 6415            | 93      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.78                             | -0.80              | 3.98                      | 17                         | -13.02      |
|        | 6415            | 93      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.01                             | -0.80              | 5.21                      | 17                         | -11.79      |
|        | 5965            | 3       | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.17                             | 2.10               | 8.27                      | 17                         | -8.74       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.49                             | 2.10               | 8.59                      | 17                         | -8.41       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.52                             | 2.10               | 8.62                      | 17                         | -8.38       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.85                             | -0.10              | 5.75                      | 17                         | -11.26      |
|        | 6165            | 43      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.03                             | -0.10              | 5.93                      | 17                         | -11.07      |
|        | 6165            | 43      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.38                             | -0.10              | 6.28                      | 17                         | -10.72      |
|        | 6165            | 91      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.51                             | -0.80              | 4.71                      | 17                         | -12.30      |
|        | 6165            | 91      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.17                             | -0.80              | 5.37                      | 17                         | -11.63      |
|        | 6165            | 91      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.44                             | -0.80              | 4.64                      | 17                         | -12.36      |
|        | 5985            | 7       | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.52                             | 2.10               | 8.62                      | 17                         | -8.38       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 5.09                             | 2.10               | 7.19                      | 17                         | -9.81       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.08                             | 2.10               | 8.18                      | 17                         | -8.82       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.79                             | -0.10              | 5.69                      | 17                         | -11.31      |
|        | 6145            | 39      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.92                             | -0.10              | 4.82                      | 17                         | -12.18      |
|        | 6145            | 39      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.82                             | -0.10              | 5.72                      | 17                         | -11.28      |
|        | 6385            | 87      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.94                             | -0.80              | 5.14                      | 17                         | -11.86      |
|        | 6385            | 87      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.96                             | -0.80              | 4.16                      | 17                         | -12.84      |
|        | 6385            | 87      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.16                             | -0.80              | 5.36                      | 17                         | -11.65      |
|        | 6025            | 15 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 6.16                             | 2.10               | 8.26                      | 17                         | -8.74       |
|        | 6025            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.21                             | 2.10               | 7.31                      | 17                         | -9.70       |
|        | 6025            | 15 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.95                             | 2.10               | 8.05                      | 17                         | -8.95       |
|        | 6181            | 47 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 5.54                             | -0.10              | 5.44                      | 17                         | -11.56      |
|        | 6181            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.32                             | -0.10              | 5.22                      | 17                         | -11.78      |
|        | 6181            | 47 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.56                             | -0.10              | 5.46                      | 17                         | -11.54      |
|        | 6345            | 79 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 6.01                             | -0.80              | 5.21                      | 17                         | -11.79      |
|        | 6345            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 4.80                             | -0.80              | 4.00                      | 17                         | -13.00      |
|        | 6345            | 79 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.65                             | -0.80              | 4.85                      | 17                         | -12.15      |
| Band 6 | 6345            | 97      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 7.01                             | 0.20               | 7.21                      | 17                         | -9.79       |
|        | 6345            | 97      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 5.83                             | 0.20               | 6.03                      | 17                         | -10.97      |
|        | 6345            | 97      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.47                             | 0.20               | 6.67                      | 17                         | -10.33      |
|        | 6475            | 105     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.29                             | 0.20               | 6.49                      | 17                         | -10.51      |
|        | 6475            | 105     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 5.69                             | 0.20               | 5.89                      | 17                         | -11.11      |
|        | 6475            | 105     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.39                             | 0.20               | 6.59                      | 17                         | -10.41      |
|        | 6515            | 113     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.72                             | 0.20               | 6.92                      | 17                         | -10.08      |
|        | 6515            | 113     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 5.48                             | 0.20               | 5.68                      | 17                         | -11.32      |
|        | 6515            | 113     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 7.03                             | 0.20               | 7.23                      | 17                         | -9.77       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.51                             | 0.20               | 6.71                      | 17                         | -10.29      |
|        | 6445            | 99      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.58                             | 0.20               | 6.78                      | 17                         | -10.23      |
|        | 6445            | 99      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.47                             | 0.20               | 6.67                      | 17                         | -10.33      |
|        | 6485            | 107     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.34                             | 0.20               | 6.54                      | 17                         | -10.46      |
|        | 6485            | 107     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.83                             | 0.20               | 7.03                      | 17                         | -9.98       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.51                             | 0.20               | 6.71                      | 17                         | -10.29      |
|        | 6525            | 115     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.25                             | 0.20               | 6.45                      | 17                         | -10.55      |
|        | 6525            | 115     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 7.10                             | 0.20               | 7.30                      | 17                         | -9.71       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.97                             | 0.20               | 6.17                      | 17                         | -10.84      |
|        | 6465            | 103     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 7.26                             | 0.20               | 7.46                      | 17                         | -9.55       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 5.33                             | 0.20               | 5.53                      | 17                         | -11.47      |
|        | 6465            | 103     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.93                             | 0.20               | 7.13                      | 17                         | -9.87       |
|        | 6505            | 111 (L) | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 6.34                             | 0.20               | 6.54                      | 17                         | -10.46      |
|        | 6505            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 6.30                             | 0.20               | 6.50                      | 17                         | -10.50      |
|        | 6505            | 111 (U) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 6.59                             | 0.20               | 6.79                      | 17                         | -10.21      |

Table 7-143. Power Spectral Density Measurements Antenna WF2a (RU26)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 150 of 548                   |

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|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 7 | 6535            | 117     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.30                             | 1.10               | 6.40                      | 17                         | -10.60      |
|        | 6535            | 117     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.25                             | 1.10               | 5.35                      | 17                         | -11.65      |
|        | 6535            | 117     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 4.93                             | 1.10               | 6.03                      | 17                         | -10.97      |
|        | 6695            | 149     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.63                             | 1.10               | 6.73                      | 17                         | -10.27      |
|        | 6695            | 149     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 5.31                             | 1.10               | 6.41                      | 17                         | -10.59      |
|        | 6695            | 149     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.38                             | 1.10               | 6.48                      | 17                         | -10.52      |
|        | 6875            | 181     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.69                             | 1.10               | 6.79                      | 17                         | -10.21      |
|        | 6875            | 181     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.96                             | 1.10               | 6.06                      | 17                         | -10.94      |
|        | 6875            | 181     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.71                             | 1.10               | 6.81                      | 17                         | -10.19      |
|        | 6565            | 123     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.73                             | 1.10               | 6.83                      | 17                         | -10.17      |
|        | 6565            | 123     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.97                             | 1.10               | 7.07                      | 17                         | -9.93       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.35                             | 1.10               | 6.45                      | 17                         | -10.55      |
|        | 6725            | 155     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.47                             | 1.10               | 6.57                      | 17                         | -10.43      |
|        | 6725            | 155     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.29                             | 1.10               | 7.39                      | 17                         | -9.61       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.83                             | 1.10               | 6.93                      | 17                         | -10.07      |
|        | 6845            | 179     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.98                             | 1.10               | 7.08                      | 17                         | -9.92       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.71                             | 1.10               | 6.81                      | 17                         | -10.19      |
|        | 6845            | 179     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.58                             | 1.10               | 6.68                      | 17                         | -10.32      |
|        | 6545            | 119     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 7.08                             | 1.10               | 8.18                      | 17                         | -8.82       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 5.70                             | 1.10               | 6.80                      | 17                         | -10.20      |
|        | 6545            | 119     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.51                             | 1.10               | 7.61                      | 17                         | -9.39       |
|        | 6545            | 135     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.72                             | 1.10               | 6.82                      | 17                         | -10.18      |
|        | 6545            | 135     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.23                             | 1.10               | 5.33                      | 17                         | -11.67      |
|        | 6545            | 135     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.49                             | 1.10               | 6.59                      | 17                         | -10.41      |
|        | 6705            | 151     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.77                             | 1.10               | 6.87                      | 17                         | -10.13      |
|        | 6705            | 151     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.66                             | 1.10               | 5.76                      | 17                         | -11.24      |
|        | 6705            | 151     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.16                             | 1.10               | 7.26                      | 17                         | -9.74       |
|        | 6865            | 167     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.50                             | 1.10               | 7.60                      | 17                         | -9.40       |
|        | 6865            | 167     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.89                             | 1.10               | 5.99                      | 17                         | -11.01      |
|        | 6865            | 167     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.87                             | 1.10               | 6.97                      | 17                         | -10.03      |
|        | 6665            | 143 (L) | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 5.39                             | 1.10               | 6.49                      | 17                         | -10.51      |
|        | 6665            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.62                             | 1.10               | 6.72                      | 17                         | -10.28      |
|        | 6665            | 143 (U) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.99                             | 1.10               | 7.09                      | 17                         | -9.91       |

**Table 7-144. Power Spectral Density Measurements Antenna WF2a (RU26)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 151 of 548                   |

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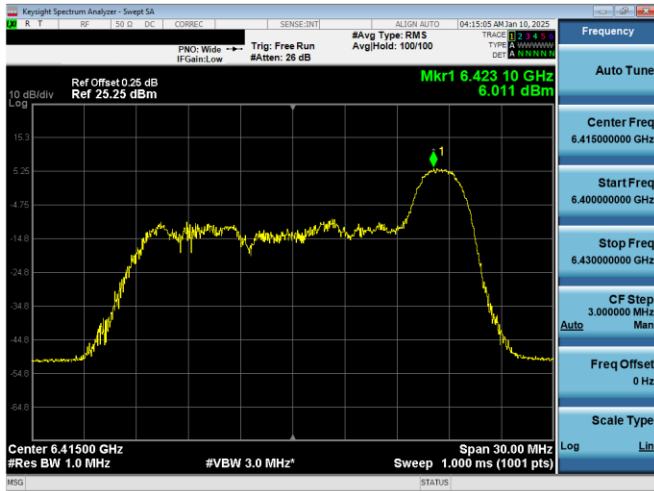
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1       | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.29                             | 2.10               | 8.39                      | 17                         | -8.61       |
|        | 6175            | 45      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.75                             | -0.10              | 6.65                      | 17                         | -10.35      |
|        | 6415            | 93      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.27                             | -0.80              | 5.47                      | 17                         | -11.53      |
|        | 5965            | 3       | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.22                             | 2.10               | 6.32                      | 17                         | -10.68      |
|        | 6165            | 43      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.60                             | -0.10              | 3.50                      | 17                         | -13.50      |
|        | 6165            | 91      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.66                             | -0.80              | 2.86                      | 17                         | -14.14      |
|        | 5985            | 7       | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.26                             | 2.10               | 3.36                      | 17                         | -13.64      |
|        | 6145            | 39      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.15                             | -0.10              | 1.05                      | 17                         | -15.95      |
|        | 6385            | 87      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.78                             | -0.80              | -0.03                     | 17                         | -17.03      |
|        | 6025            | 15      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -1.86                            | 2.10               | 0.24                      | 17                         | -16.76      |
|        | 6181            | 47      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -1.77                            | -0.10              | -1.87                     | 17                         | -18.87      |
|        | 6345            | 79      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -1.95                            | -0.80              | -2.75                     | 17                         | -19.75      |
| Band 6 | 6345            | 97      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 7.11                             | 0.20               | 7.31                      | 17                         | -9.69       |
|        | 6475            | 105     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 7.11                             | 0.20               | 7.31                      | 17                         | -9.69       |
|        | 6515            | 113     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 7.12                             | 0.20               | 7.32                      | 17                         | -9.68       |
|        | 6445            | 99      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.44                             | 0.20               | 4.64                      | 17                         | -12.36      |
|        | 6485            | 107     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.42                             | 0.20               | 4.62                      | 17                         | -12.38      |
|        | 6525            | 115     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.41                             | 0.20               | 4.61                      | 17                         | -12.39      |
|        | 6465            | 103     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.19                             | 0.20               | 1.39                      | 17                         | -15.61      |
|        | 6505            | 111     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -1.01                            | 0.20               | -0.81                     | 17                         | -17.81      |
| Band 7 | 6535            | 117     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.36                             | 1.10               | 7.46                      | 17                         | -9.54       |
|        | 6695            | 149     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.20                             | 1.10               | 7.30                      | 17                         | -9.70       |
|        | 6875            | 181     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.12                             | 1.10               | 7.22                      | 17                         | -9.78       |
|        | 6565            | 123     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.35                             | 1.10               | 4.45                      | 17                         | -12.55      |
|        | 6725            | 155     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.52                             | 1.10               | 4.62                      | 17                         | -12.39      |
|        | 6845            | 179     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.30                             | 1.10               | 4.40                      | 17                         | -12.60      |
|        | 6545            | 119     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.49                             | 1.10               | 2.59                      | 17                         | -14.41      |
|        | 6545            | 135     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.61                             | 1.10               | 1.71                      | 17                         | -15.29      |
|        | 6705            | 151     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.72                             | 1.10               | 1.82                      | 17                         | -15.18      |
|        | 6865            | 167     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.31                             | 1.10               | 2.41                      | 17                         | -14.59      |
|        | 6665            | 143     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -2.39                            | 1.10               | -1.29                     | 17                         | -18.29      |

**Table 7-145. Power Spectral Density Measurements Antenna WF2a (Fully – Loaded RU)**

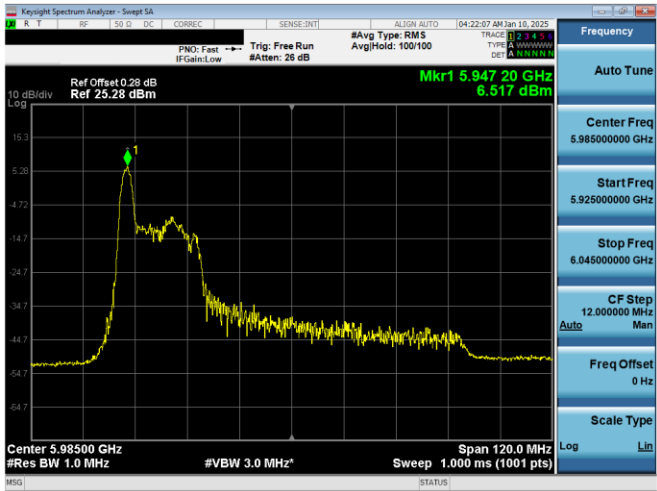
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 152 of 548                   |

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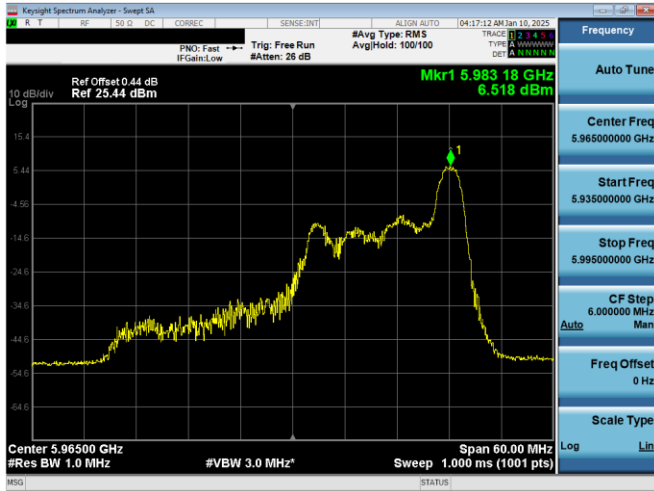
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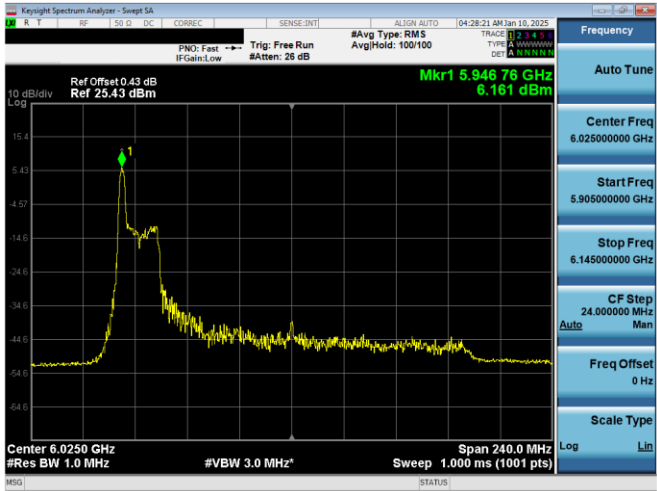
Plot 7-225. PSD Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 93)



Plot 7-227. PSD Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 7)

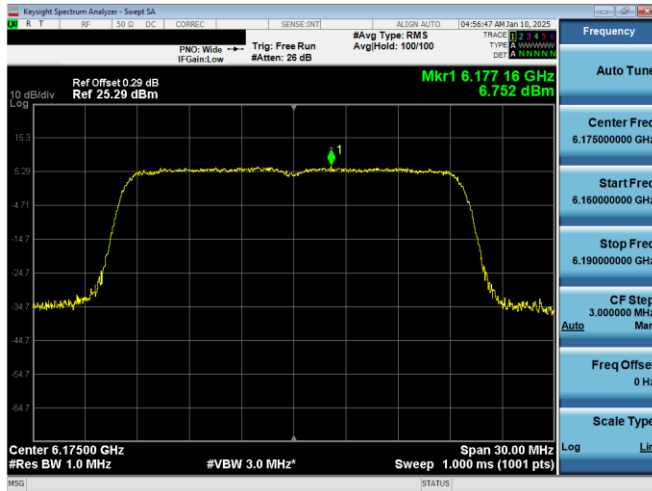


Plot 7-226. PSD Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 3)

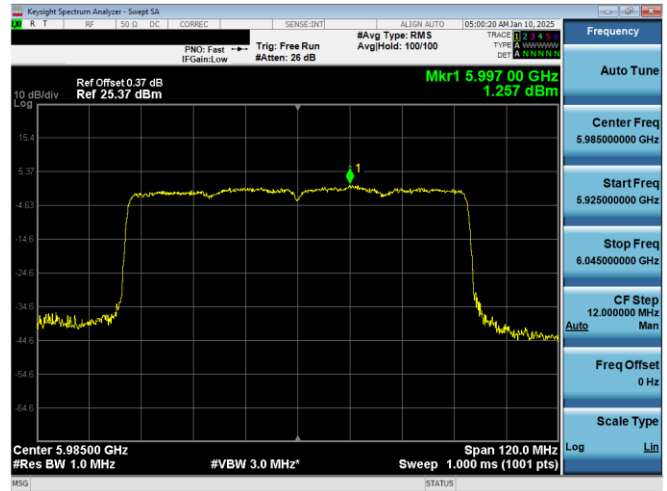


Plot 7-228. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 15)

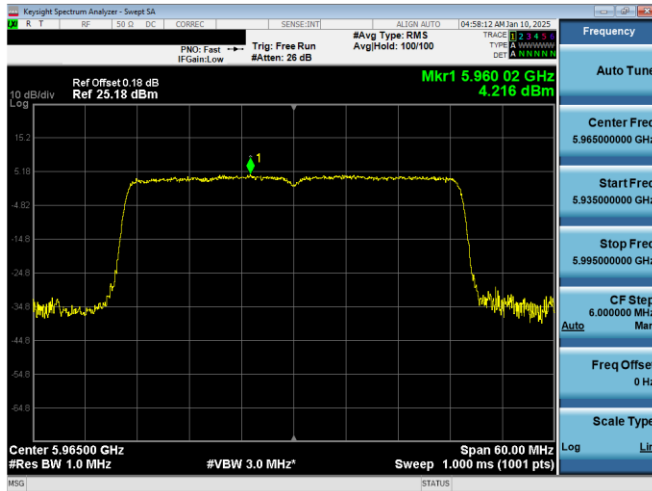
|                                                   |                                                                                                                                         |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268                |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2410210074-13-R1.BCG | <b>Test Dates:</b><br>10/25/2024 - 1/6/2025                                                                                             | <b>EUT Type:</b><br>Tablet Device | Page 153 of 548                          |



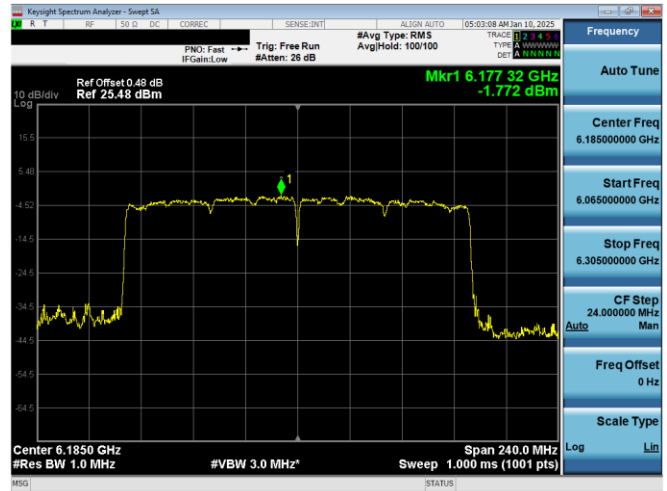
Plot 7-229. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



Plot 7-231. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 7)



Plot 7-230. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 3)

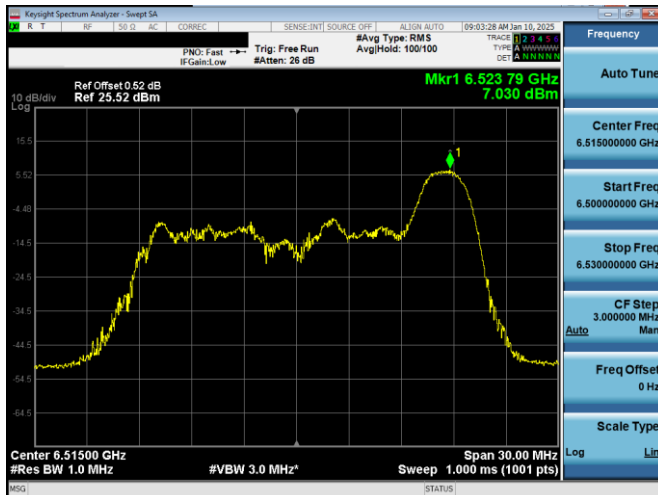


Plot 7-232. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

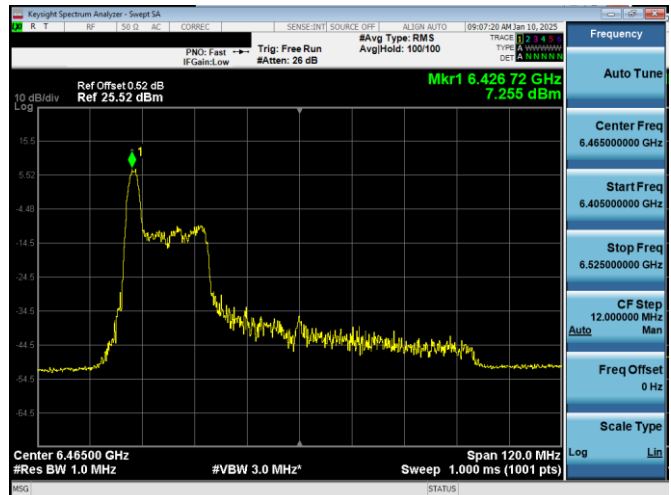
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device |                                       | Page 154 of 548                   |

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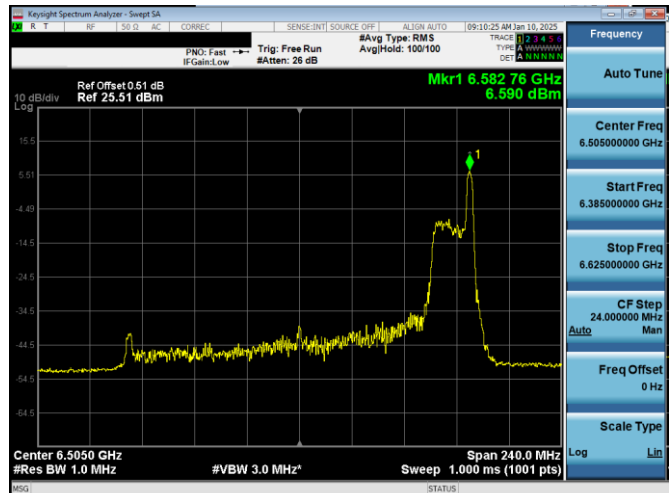
Plot 7-233. PSD Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 113)



Plot 7-235. PSD Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-234. PSD Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 115)

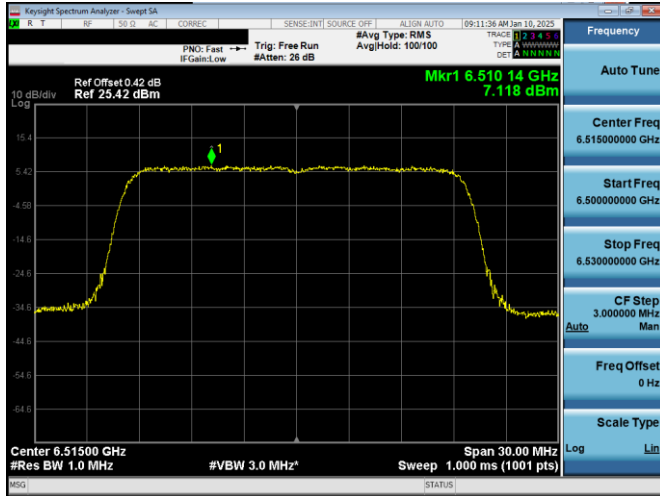


Plot 7-236. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

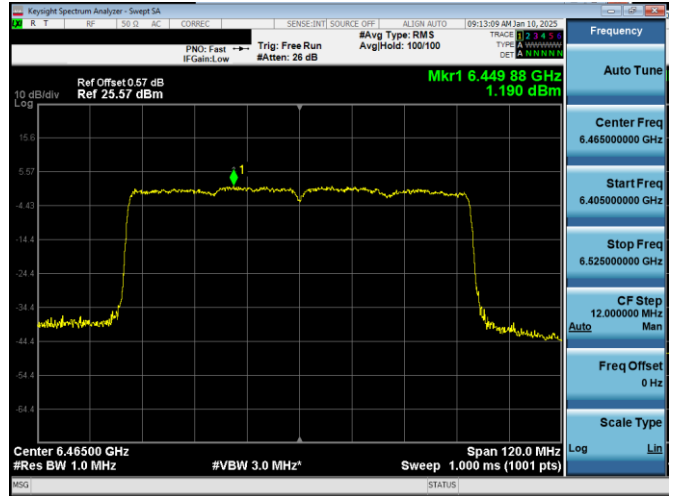
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| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device |                                       | Page 155 of 548                   |

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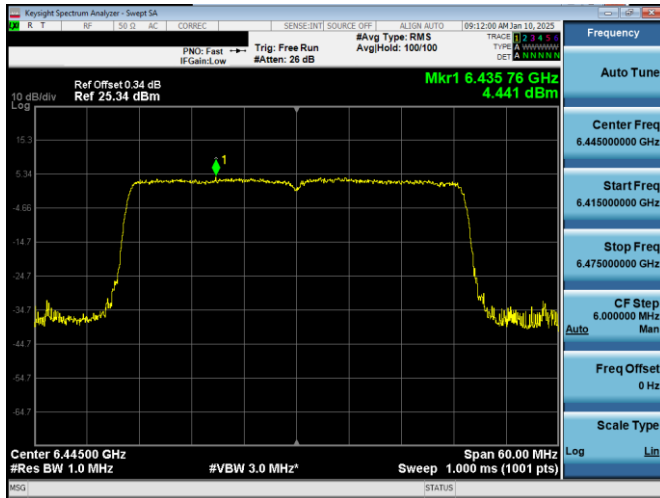
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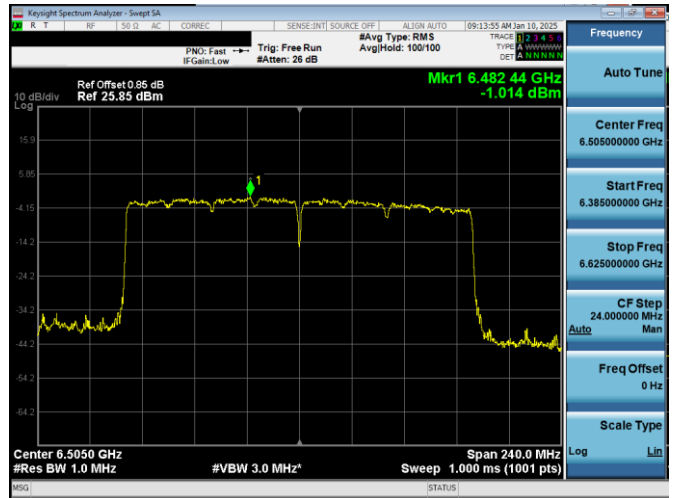
Plot 7-237. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 6) - Ch. 113)



Plot 7-239. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 6) - Ch. 103)



Plot 7-238. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 6) - Ch. 99)

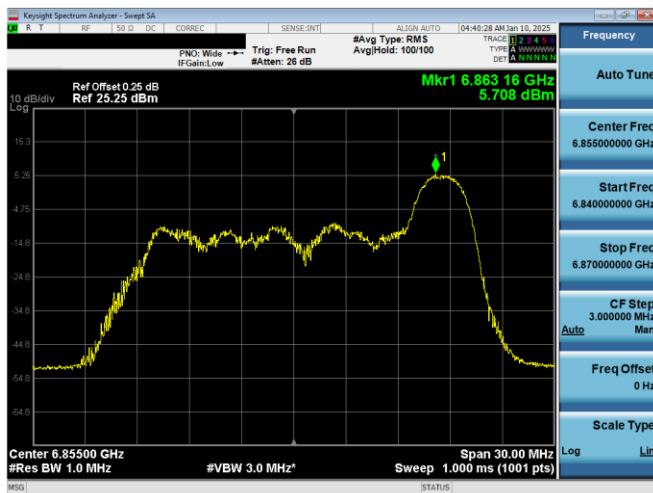


Plot 7-240. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 6) - Ch. 111)

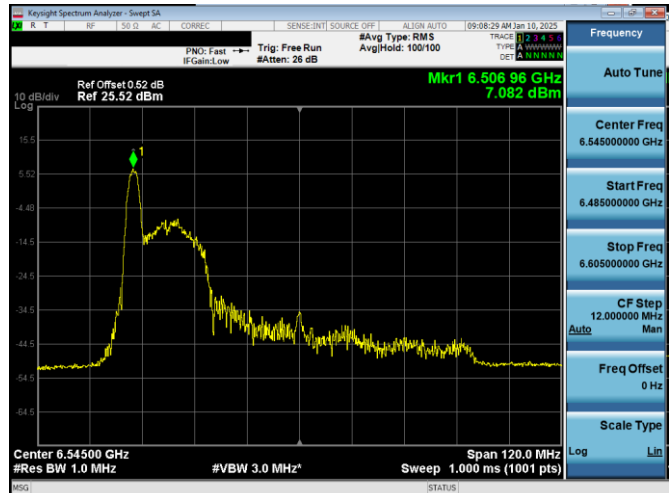
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| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device |                                       | Page 156 of 548                   |

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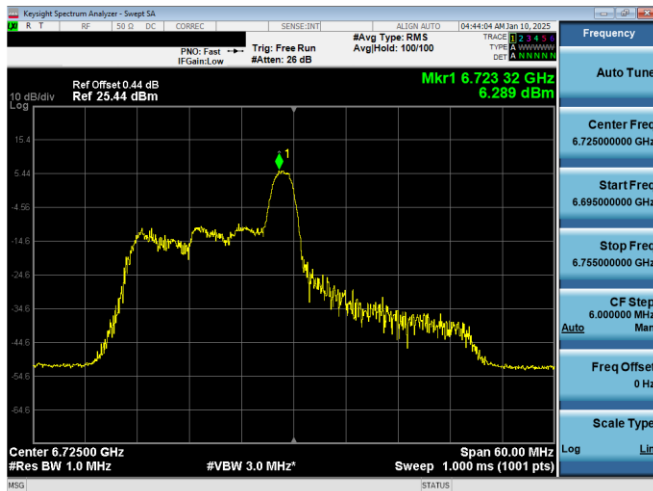
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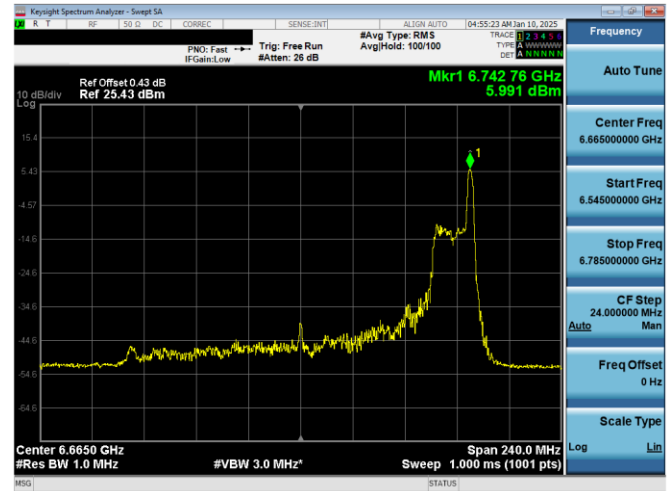
Plot 7-241. PSD Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 181)



Plot 7-243. PSD Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 119)



Plot 7-242. PSD Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

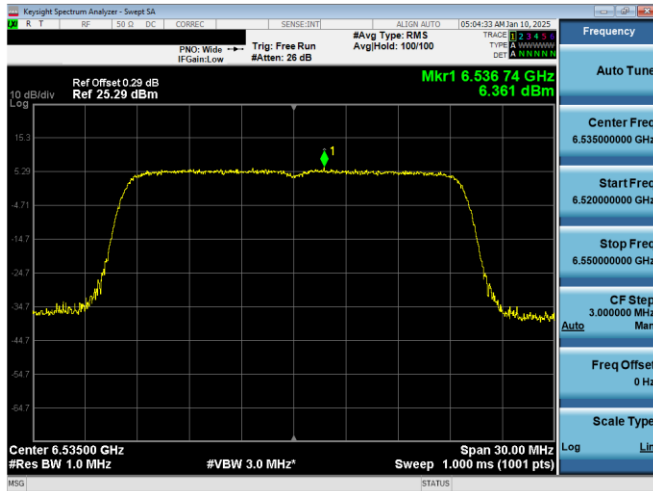


Plot 7-244. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

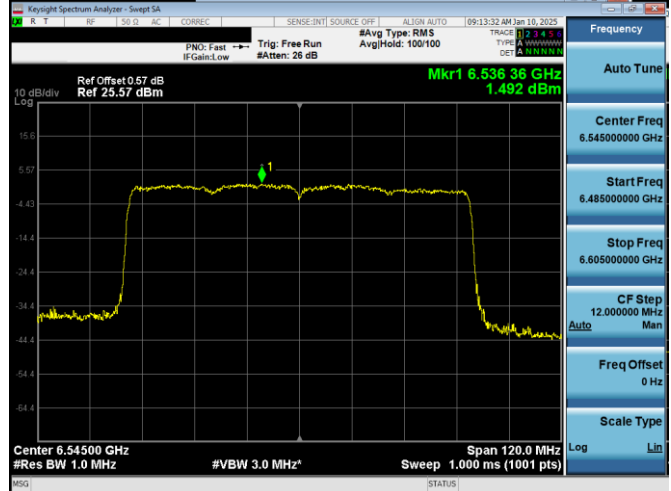
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|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device            | Page 157 of 548                   |

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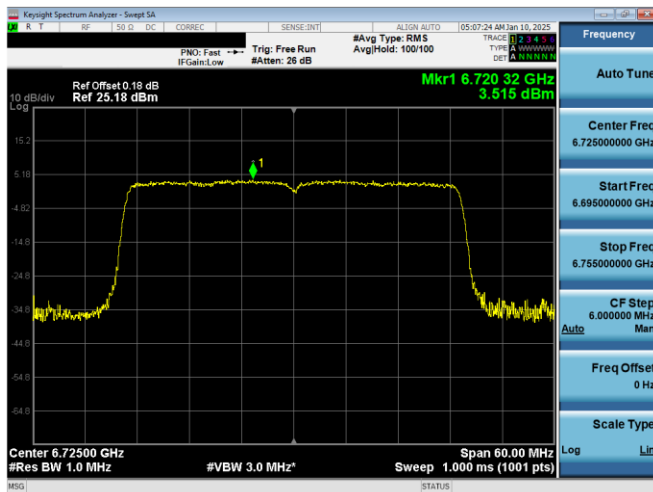
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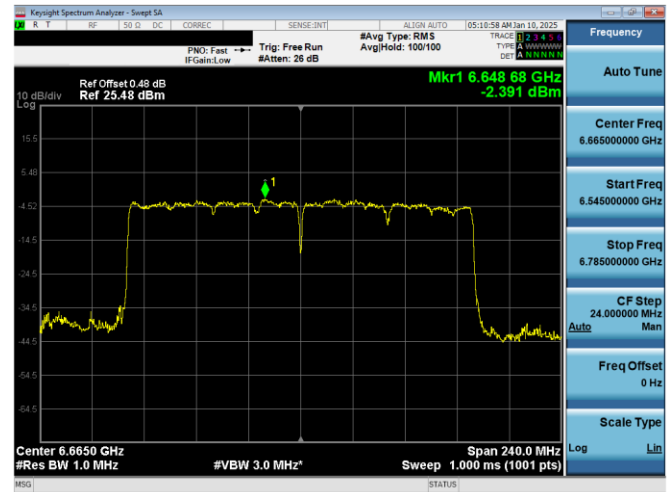
Plot 7-245. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 117)



Plot 7-247. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 119)



Plot 7-246. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 155)



Plot 7-248. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 7) - Ch. 143)

|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device |                                       | Page 158 of 548                   |

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## 7.4.4 Antenna WF2a Power Spectral Density Measurements – LPI

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1       | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.49                            | 2.10               | -7.39                     | -1                         | -6.39       |
|        | 5935            | 1       | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -10.06                           | 2.10               | -7.96                     | -1                         | -6.96       |
|        | 5935            | 1       | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.56                            | 2.10               | -6.46                     | -1                         | -5.46       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -6.87                            | -0.10              | -6.97                     | -1                         | -5.97       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -7.71                            | -0.10              | -7.81                     | -1                         | -6.81       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -6.50                            | -0.10              | -6.60                     | -1                         | -5.60       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.87                            | -0.80              | -8.67                     | -1                         | -7.67       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -8.73                            | -0.80              | -9.53                     | -1                         | -8.53       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.84                            | -0.80              | -8.64                     | -1                         | -7.64       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.28                            | 2.10               | -7.18                     | -1                         | -6.18       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.50                            | 2.10               | -7.40                     | -1                         | -6.40       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.98                            | 2.10               | -6.88                     | -1                         | -5.88       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -6.57                            | -0.10              | -6.67                     | -1                         | -5.67       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -6.48                            | -0.10              | -6.58                     | -1                         | -5.58       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -6.95                            | -0.10              | -7.05                     | -1                         | -6.05       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.54                            | -0.80              | -9.34                     | -1                         | -8.34       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.29                            | -0.80              | -9.09                     | -1                         | -8.09       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.50                            | -0.80              | -9.30                     | -1                         | -8.30       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.73                            | 2.10               | -6.63                     | -1                         | -5.63       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.35                           | 2.10               | -8.25                     | -1                         | -7.25       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -8.77                            | 2.10               | -6.67                     | -1                         | -5.67       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -6.61                            | -0.10              | -6.71                     | -1                         | -5.71       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -7.12                            | -0.10              | -7.22                     | -1                         | -6.22       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -6.80                            | -0.10              | -6.90                     | -1                         | -5.90       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.33                            | -0.80              | -9.13                     | -1                         | -8.13       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -9.67                            | -0.80              | -10.47                    | -1                         | -9.47       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -8.17                            | -0.80              | -8.97                     | -1                         | -7.97       |
|        | 6025            | 15 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -9.07                            | 2.10               | -6.97                     | -1                         | -5.97       |
|        | 6025            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -8.49                            | 2.10               | -6.39                     | -1                         | -5.39       |
|        | 6025            | 15 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -9.54                            | 2.10               | -7.44                     | -1                         | -6.44       |
|        | 6185            | 47 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -7.73                            | -0.10              | -7.83                     | -1                         | -6.83       |
|        | 6185            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -7.28                            | -0.10              | -7.38                     | -1                         | -6.38       |
|        | 6185            | 47 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -6.77                            | -0.10              | -6.87                     | -1                         | -5.87       |
|        | 6345            | 79 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -8.16                            | -0.80              | -8.96                     | -1                         | -7.96       |
|        | 6345            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -8.45                            | -0.80              | -9.25                     | -1                         | -8.25       |
|        | 6345            | 79 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -8.61                            | -0.80              | -9.41                     | -1                         | -8.41       |
| Band 6 | 6345            | 97      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.28                            | 0.20               | -9.08                     | -1                         | -8.08       |
|        | 6345            | 97      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.54                            | 0.20               | -9.34                     | -1                         | -8.34       |
|        | 6345            | 97      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.01                            | 0.20               | -8.81                     | -1                         | -7.81       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.20                            | 0.20               | -9.00                     | -1                         | -8.00       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.79                            | 0.20               | -9.59                     | -1                         | -8.59       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.80                            | 0.20               | -8.60                     | -1                         | -7.60       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.68                            | 0.20               | -8.48                     | -1                         | -7.48       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.04                            | 0.20               | -8.84                     | -1                         | -7.84       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.34                            | 0.20               | -8.14                     | -1                         | -7.14       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.13                            | 0.20               | -8.93                     | -1                         | -7.93       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.24                            | 0.20               | -9.04                     | -1                         | -8.04       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.35                            | 0.20               | -9.15                     | -1                         | -8.15       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.82                            | 0.20               | -8.62                     | -1                         | -7.62       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.40                            | 0.20               | -8.20                     | -1                         | -7.20       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.95                            | 0.20               | -8.75                     | -1                         | -7.75       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.25                            | 0.20               | -9.05                     | -1                         | -8.05       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.99                            | 0.20               | -9.79                     | -1                         | -8.79       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.23                            | 0.20               | -9.03                     | -1                         | -8.03       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.40                            | 0.20               | -8.20                     | -1                         | -7.20       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.01                           | 0.20               | -9.81                     | -1                         | -8.81       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -8.75                            | 0.20               | -8.55                     | -1                         | -7.55       |
|        | 6505            | 111 (L) | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -9.45                            | 0.20               | -9.25                     | -1                         | -8.25       |
|        | 6505            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -9.02                            | 0.20               | -8.82                     | -1                         | -7.82       |
|        | 6505            | 111 (U) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -9.75                            | 0.20               | -9.55                     | -1                         | -8.55       |

Table 7-146. Power Spectral Density Measurements Antenna WF2a (RU26)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 159 of 548                   |

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|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 7 | 6535            | 117     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.69                            | 1.10               | -7.59                     | -1                         | -6.59       |
|        | 6535            | 117     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -10.39                           | 1.10               | -9.29                     | -1                         | -8.29       |
|        | 6535            | 117     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.37                            | 1.10               | -8.27                     | -1                         | -7.27       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.83                            | 1.10               | -7.73                     | -1                         | -6.73       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.58                            | 1.10               | -8.48                     | -1                         | -7.48       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.88                            | 1.10               | -7.78                     | -1                         | -6.78       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.89                            | 1.10               | -7.79                     | -1                         | -6.79       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -10.13                           | 1.10               | -9.03                     | -1                         | -8.03       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.75                            | 1.10               | -7.65                     | -1                         | -6.65       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.19                            | 1.10               | -8.09                     | -1                         | -7.09       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.24                            | 1.10               | -8.14                     | -1                         | -7.14       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.25                            | 1.10               | -8.15                     | -1                         | -7.15       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.41                            | 1.10               | -7.31                     | -1                         | -6.31       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.55                            | 1.10               | -8.45                     | -1                         | -7.45       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.05                            | 1.10               | -7.95                     | -1                         | -6.95       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -10.28                           | 1.10               | -9.18                     | -1                         | -8.18       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -10.03                           | 1.10               | -8.93                     | -1                         | -7.93       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.41                            | 1.10               | -8.31                     | -1                         | -7.31       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.32                            | 1.10               | -8.22                     | -1                         | -7.22       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.27                           | 1.10               | -9.17                     | -1                         | -8.17       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -9.64                            | 1.10               | -8.54                     | -1                         | -7.54       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.37                            | 1.10               | -8.27                     | -1                         | -7.27       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.35                           | 1.10               | -9.25                     | -1                         | -8.25       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -9.22                            | 1.10               | -8.12                     | -1                         | -7.12       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.69                            | 1.10               | -7.59                     | -1                         | -6.59       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.04                           | 1.10               | -8.94                     | -1                         | -7.94       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -8.57                            | 1.10               | -7.47                     | -1                         | -6.47       |
|        | 6665            | 143 (L) | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -9.13                            | 1.10               | -8.03                     | -1                         | -7.03       |
|        | 6665            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -9.88                            | 1.10               | -8.78                     | -1                         | -7.78       |
|        | 6665            | 143 (U) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -10.04                           | 1.10               | -8.94                     | -1                         | -7.94       |
|        | 6825            |         | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -9.38                            | 1.10               | -8.28                     | -1                         | -7.28       |
|        | 6825            | 175 (L) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -10.38                           | 1.10               | -9.28                     | -1                         | -8.28       |
|        | 6825            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -9.86                            | 1.10               | -8.76                     | -1                         | -7.76       |
| Band 8 | 6895            | 189     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.56                            | 0.80               | -6.76                     | -1                         | -5.76       |
|        | 6895            | 189     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -8.92                            | 0.80               | -8.12                     | -1                         | -7.12       |
|        | 6895            | 189     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.15                            | 0.80               | -7.35                     | -1                         | -6.35       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.31                            | 0.80               | -7.51                     | -1                         | -6.51       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -8.60                            | 0.80               | -7.80                     | -1                         | -6.80       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.74                            | 0.80               | -6.94                     | -1                         | -5.94       |
|        | 7095            | 229     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.93                            | 0.80               | -8.13                     | -1                         | -7.13       |
|        | 7095            | 229     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.13                            | 0.80               | -8.33                     | -1                         | -7.33       |
|        | 7095            | 229     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.26                            | 0.80               | -7.46                     | -1                         | -6.46       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.29                            | 0.80               | -8.49                     | -1                         | -7.49       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.17                            | 0.80               | -8.37                     | -1                         | -7.37       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.20                            | 0.80               | -8.40                     | -1                         | -7.40       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.14                            | 0.80               | -7.34                     | -1                         | -6.34       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.09                            | 0.80               | -7.29                     | -1                         | -6.29       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.78                            | 0.80               | -7.98                     | -1                         | -6.98       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.24                            | 0.80               | -7.44                     | -1                         | -6.44       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.73                            | 0.80               | -6.93                     | -1                         | -5.93       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.62                            | 0.80               | -7.82                     | -1                         | -6.82       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.54                            | 0.80               | -6.74                     | -1                         | -5.74       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -9.73                            | 0.80               | -8.93                     | -1                         | -7.93       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -8.07                            | 0.80               | -7.27                     | -1                         | -6.27       |
|        | 7025            | 215     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.35                            | 0.80               | -6.55                     | -1                         | -5.55       |
|        | 7025            | 215     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.34                           | 0.80               | -9.54                     | -1                         | -8.54       |
|        | 7025            | 215     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -8.17                            | 0.80               | -7.37                     | -1                         | -6.37       |
|        | 6985            | 207 (L) | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -7.65                            | 0.80               | -6.85                     | -1                         | -5.85       |
|        | 6985            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -7.98                            | 0.80               | -7.18                     | -1                         | -6.18       |
|        | 6985            | 207 (U) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -7.83                            | 0.80               | -7.03                     | -1                         | -6.03       |

**Table 7-147. Power Spectral Density Measurements Antenna WF2a (RU26)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 160 of 548                   |

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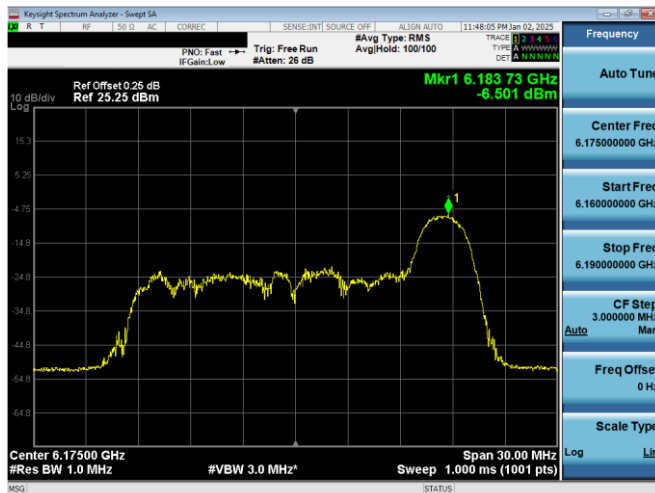
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1       | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -5.15                            | 2.10               | -3.05                     | -1                         | -2.05       |
|        | 6175            | 45      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -2.12                            | -0.10              | -2.22                     | -1                         | -1.22       |
|        | 6415            | 93      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -3.90                            | -0.80              | -4.70                     | -1                         | -3.70       |
|        | 5965            | 3       | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -4.55                            | 2.10               | -2.45                     | -1                         | -1.45       |
|        | 6165            | 43      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -2.53                            | -0.10              | -2.63                     | -1                         | -1.63       |
|        | 6165            | 91      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -3.40                            | -0.80              | -4.20                     | -1                         | -3.20       |
|        | 5985            | 7       | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -4.87                            | 2.10               | -2.77                     | -1                         | -1.77       |
|        | 6145            | 39      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -2.35                            | -0.10              | -2.45                     | -1                         | -1.45       |
|        | 6385            | 87      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -3.99                            | -0.80              | -4.79                     | -1                         | -3.79       |
|        | 6025            | 15      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -5.16                            | 2.10               | -3.06                     | -1                         | -2.06       |
|        | 6185            | 47      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -2.31                            | -0.10              | -2.41                     | -1                         | -1.41       |
|        | 6345            | 79      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -4.60                            | -0.80              | -5.40                     | -1                         | -4.40       |
| Band 6 | 6345            | 97      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -4.78                            | 0.20               | -4.58                     | -1                         | -3.58       |
|        | 6475            | 105     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -4.99                            | 0.20               | -4.79                     | -1                         | -3.79       |
|        | 6515            | 113     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -4.70                            | 0.20               | -4.50                     | -1                         | -3.50       |
|        | 6445            | 99      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -4.98                            | 0.20               | -4.78                     | -1                         | -3.78       |
|        | 6485            | 107     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -4.53                            | 0.20               | -4.33                     | -1                         | -3.33       |
|        | 6525            | 115     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -5.03                            | 0.20               | -4.83                     | -1                         | -3.83       |
|        | 6465            | 103     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -5.10                            | 0.20               | -4.90                     | -1                         | -3.90       |
|        | 6505            | 111     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -5.10                            | 0.20               | -4.90                     | -1                         | -3.90       |
| Band 7 | 6535            | 117     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -5.23                            | 1.10               | -4.13                     | -1                         | -3.13       |
|        | 6695            | 149     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -4.76                            | 1.10               | -3.66                     | -1                         | -2.66       |
|        | 6875            | 185     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -5.34                            | 1.10               | -4.24                     | -1                         | -3.24       |
|        | 6565            | 123     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -5.26                            | 1.10               | -4.16                     | -1                         | -3.16       |
|        | 6725            | 155     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -5.20                            | 1.10               | -4.10                     | -1                         | -3.10       |
|        | 6845            | 179     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -5.07                            | 1.10               | -3.97                     | -1                         | -2.97       |
|        | 6545            | 119     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -5.19                            | 1.10               | -4.09                     | -1                         | -3.09       |
|        | 6705            | 151     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -5.31                            | 1.10               | -4.21                     | -1                         | -3.21       |
|        | 6865            | 183     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -5.38                            | 1.10               | -4.28                     | -1                         | -3.28       |
|        | 6665            | 143     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -5.93                            | 1.10               | -4.83                     | -1                         | -3.83       |
|        | 6825            | 175     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -5.24                            | 1.10               | -4.14                     | -1                         | -3.14       |
|        | 6895            | 189     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -3.86                            | 0.80               | -3.06                     | -1                         | -2.06       |
| Band 8 | 6995            | 209     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -3.91                            | 0.80               | -3.11                     | -1                         | -2.11       |
|        | 7115            | 229     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -4.36                            | 0.80               | -3.56                     | -1                         | -2.56       |
|        | 6885            | 187     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -4.46                            | 0.80               | -3.66                     | -1                         | -2.66       |
|        | 7005            | 211     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -4.28                            | 0.80               | -3.48                     | -1                         | -2.48       |
|        | 7085            | 227     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -3.79                            | 0.80               | -2.99                     | -1                         | -1.99       |
|        | 6945            | 199     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -4.67                            | 0.80               | -3.87                     | -1                         | -2.87       |
|        | 7025            | 215     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -4.63                            | 0.80               | -3.83                     | -1                         | -2.83       |
|        | 6985            | 207     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -4.71                            | 0.80               | -3.91                     | -1                         | -2.91       |

**Table 7-148. Power Spectral Density Measurements Antenna WF2a (Fully – Loaded RU)**

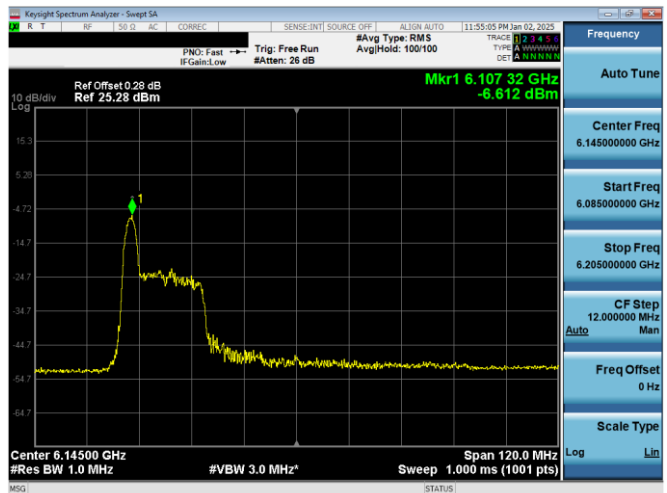
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 161 of 548                   |

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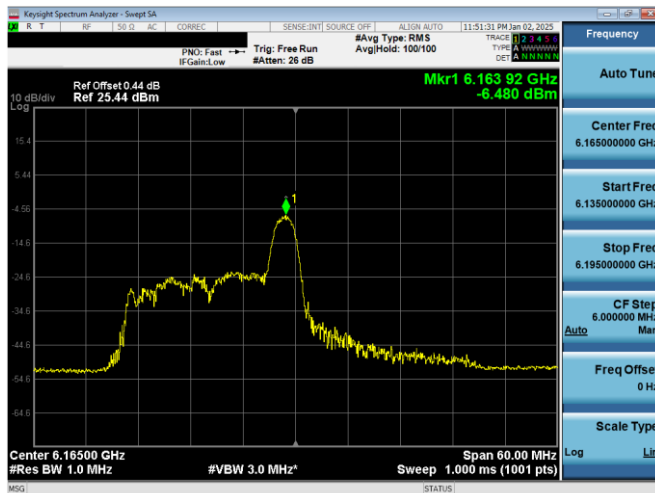
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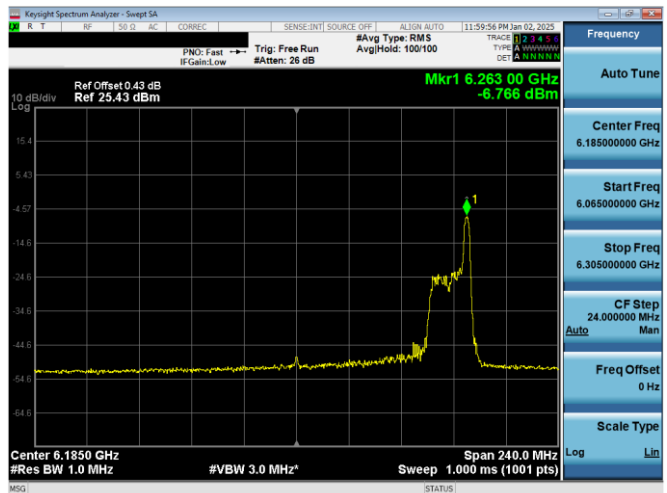
Plot 7-249. PSD Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-251. PSD Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



Plot 7-250. PSD Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

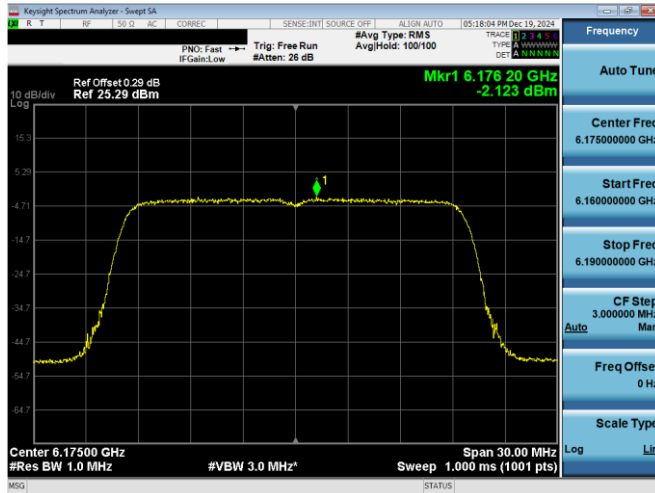


Plot 7-252. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

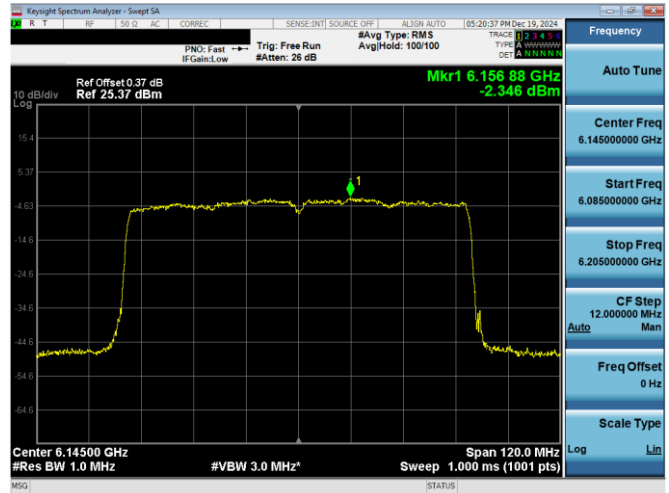
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device |                                       | Page 162 of 548                   |

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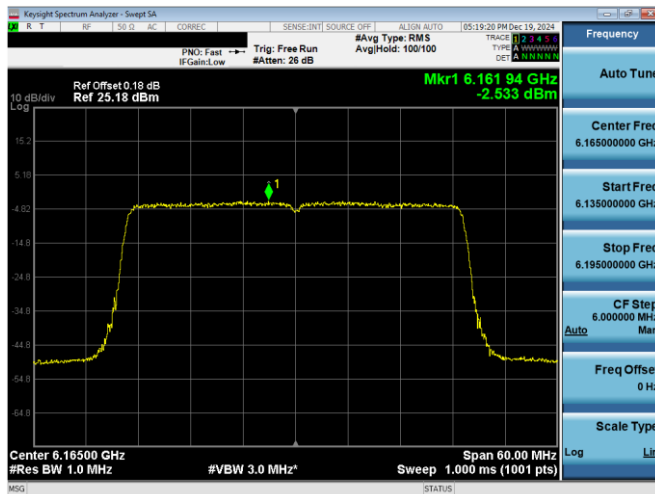
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Plot 7-253. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



Plot 7-255. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)



Plot 7-254. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)

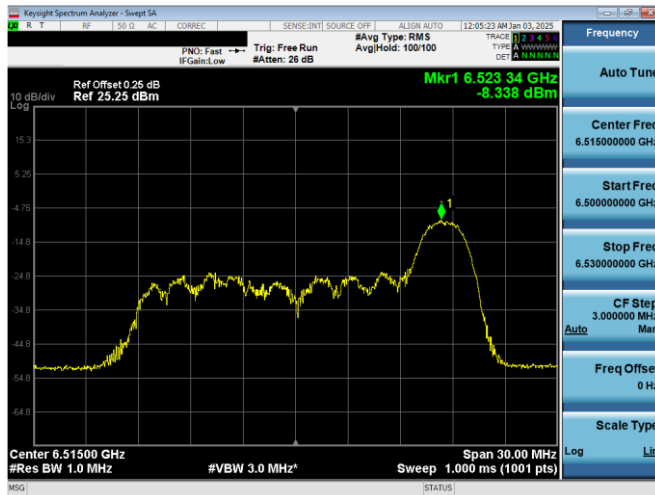


Plot 7-256. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

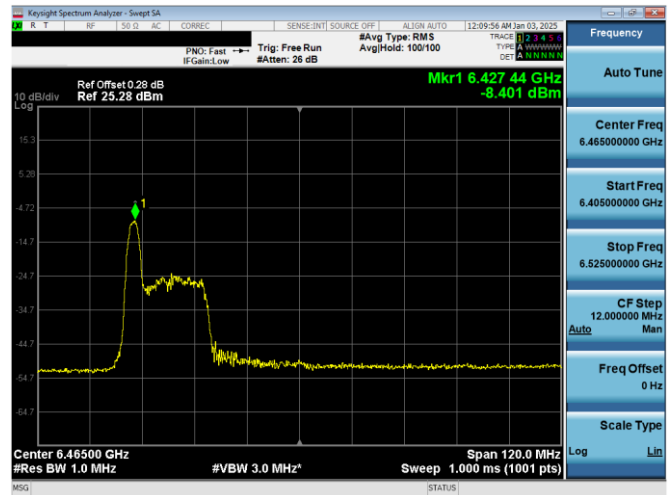
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 163 of 548                       |                                   |

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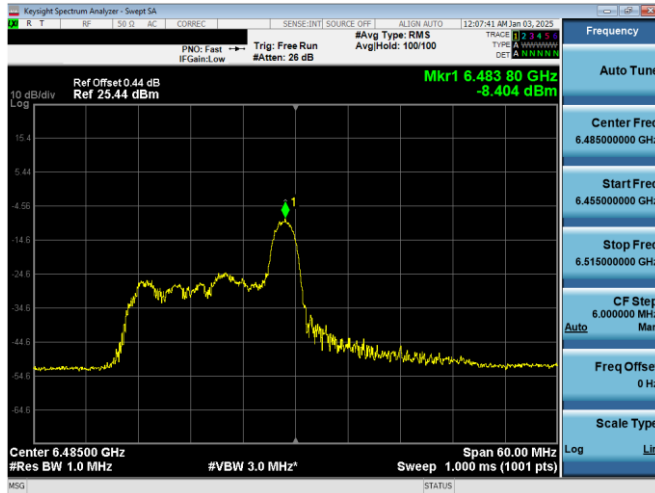
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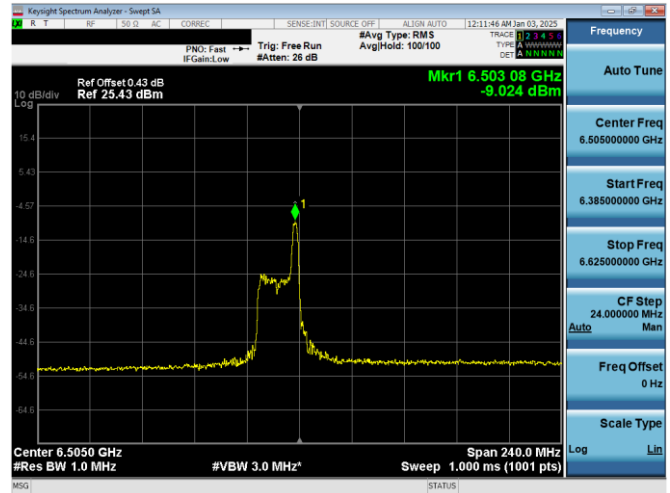
Plot 7-257. PSD Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 113)



Plot 7-259. PSD Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-258. PSD Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

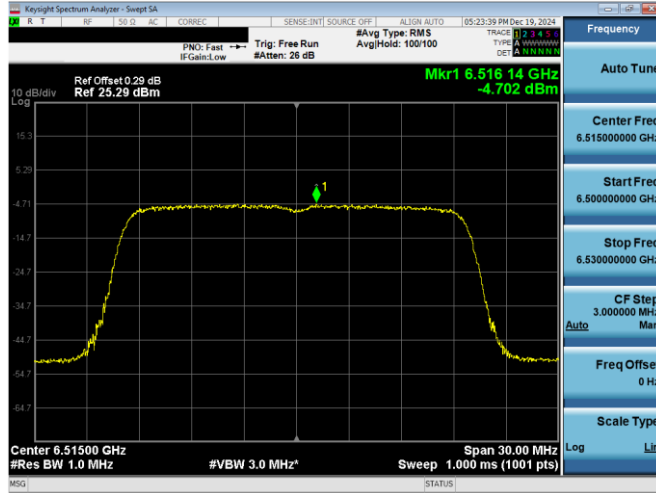


Plot 7-260. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

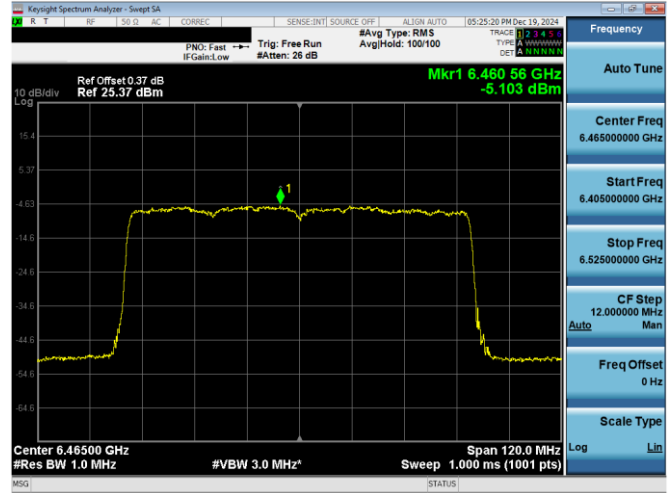
|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                             | EUT Type:<br>Tablet Device | Page 164 of 548                   |

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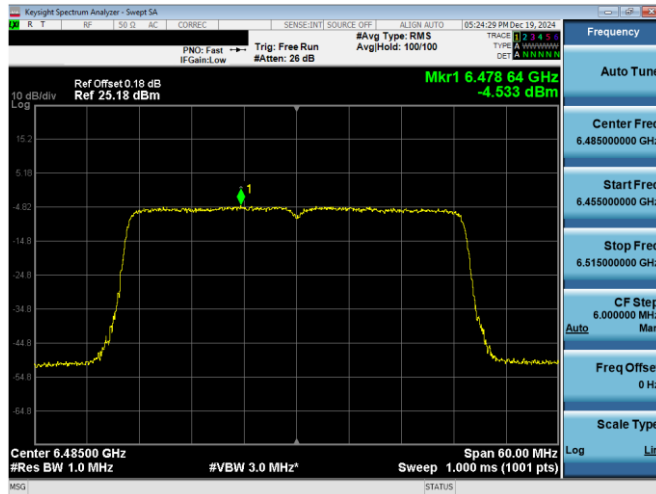
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Plot 7-261. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 6) - Ch. 113)



Plot 7-263. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 6) - Ch. 103)



Plot 7-262. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 6) - Ch. 107)

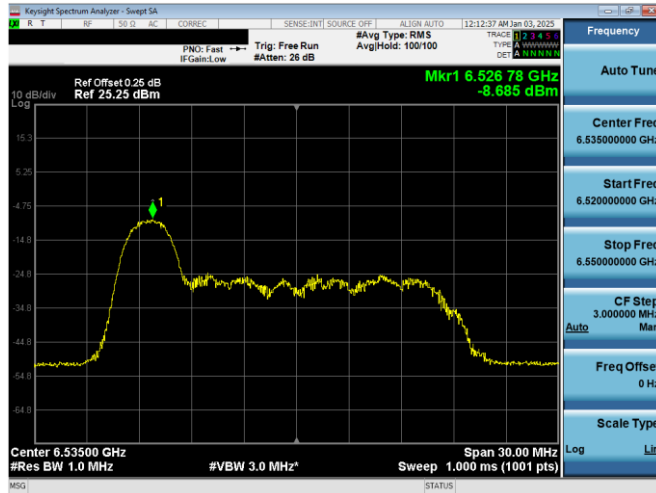


Plot 7-264. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 6) - Ch. 111)

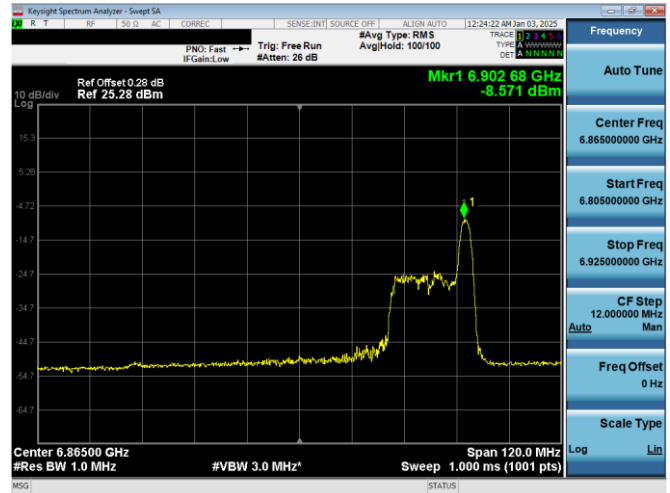
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 165 of 548                       |                                   |

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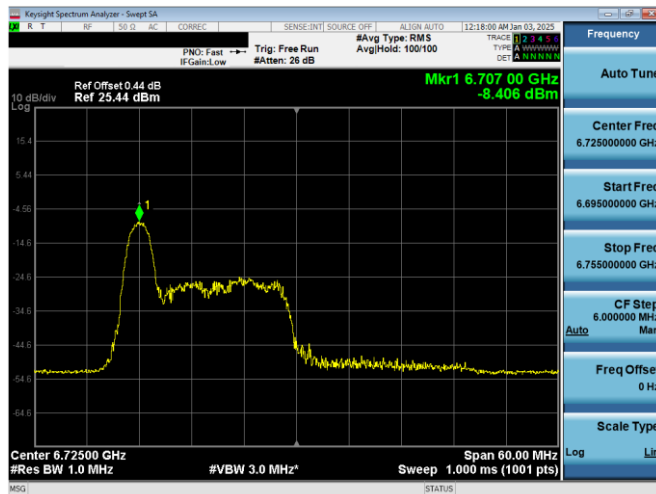
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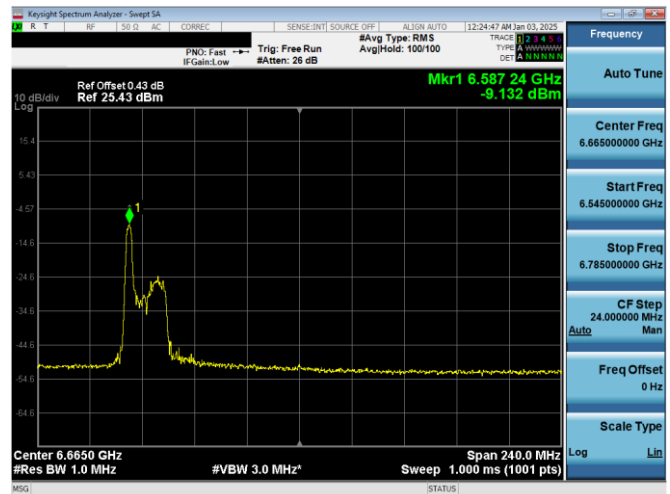
Plot 7-265. PSD Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 117)



Plot 7-267. PSD Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 183)



Plot 7-266. PSD Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)

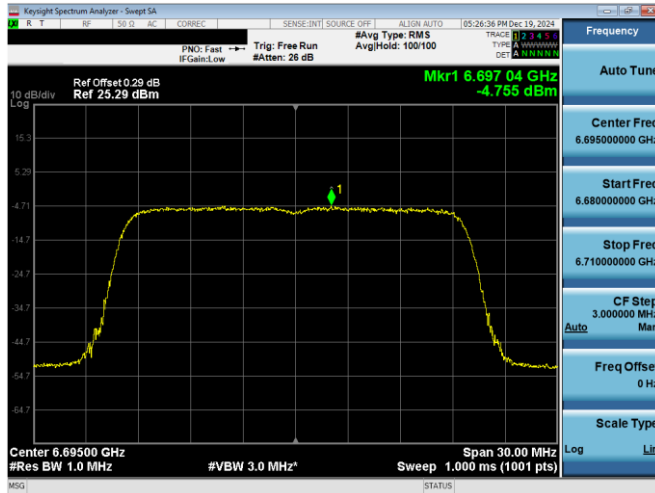


Plot 7-268. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 143)

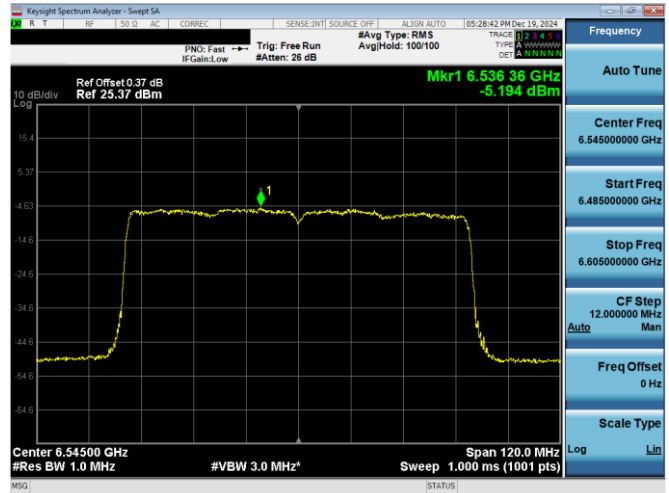
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 166 of 548                       |                                   |

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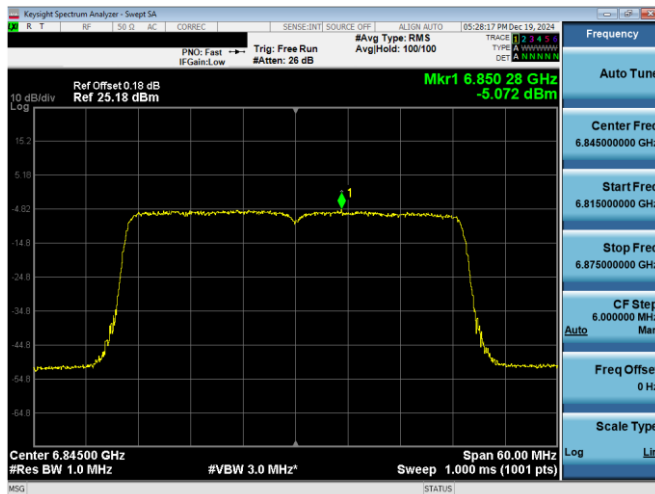
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Plot 7-269. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



Plot 7-271. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 119)



Plot 7-270. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 179)

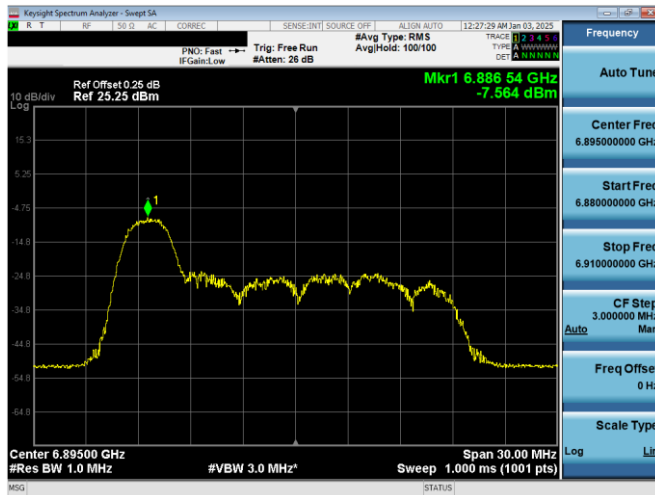


Plot 7-272. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 175)

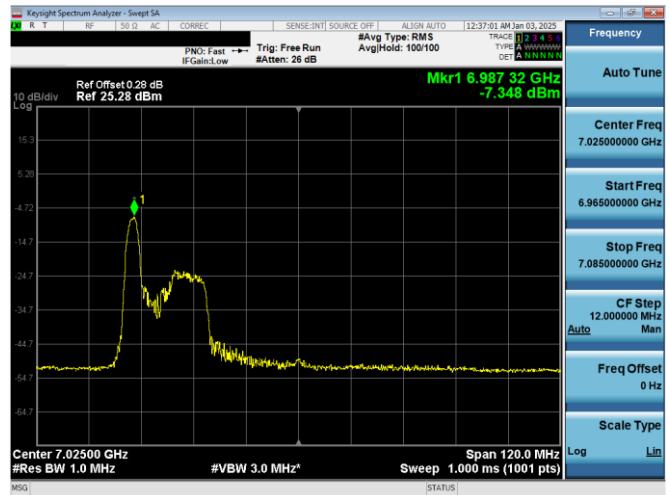
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device |                                       | Page 167 of 548                   |

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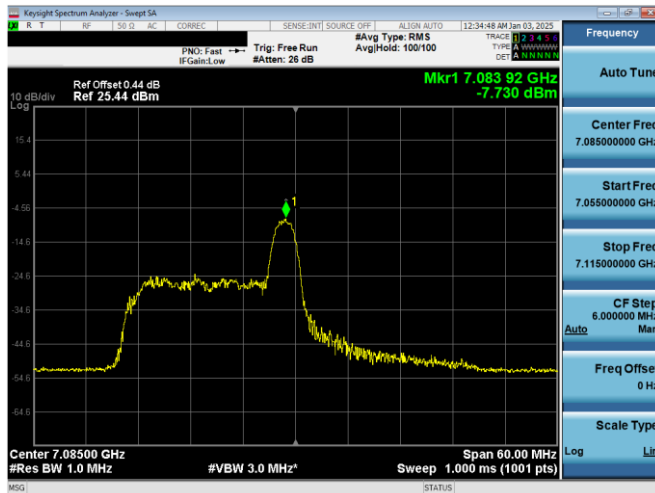
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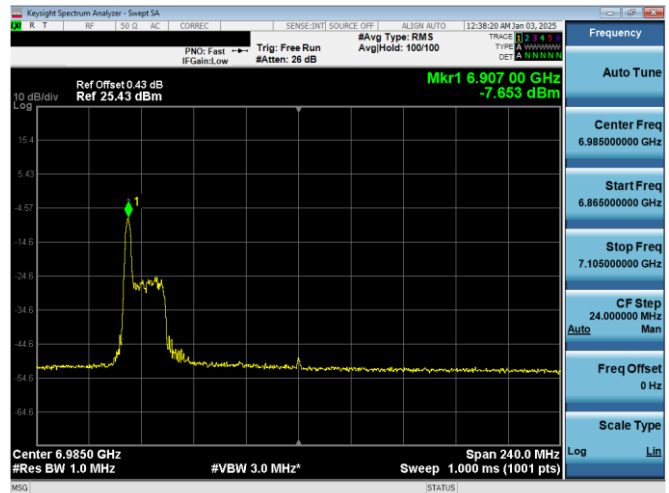
Plot 7-273. PSD Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 189)



Plot 7-275. PSD Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 8) – Ch.215)



Plot 7-274. PSD Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 227)

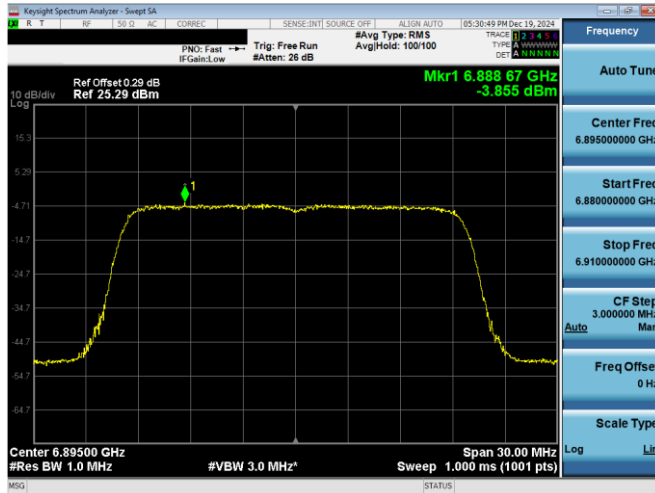


Plot 7-276. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

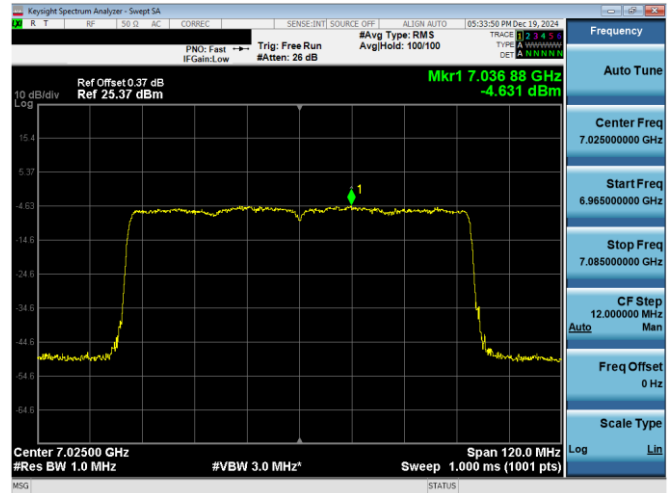
|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 168 of 548                       |                                   |

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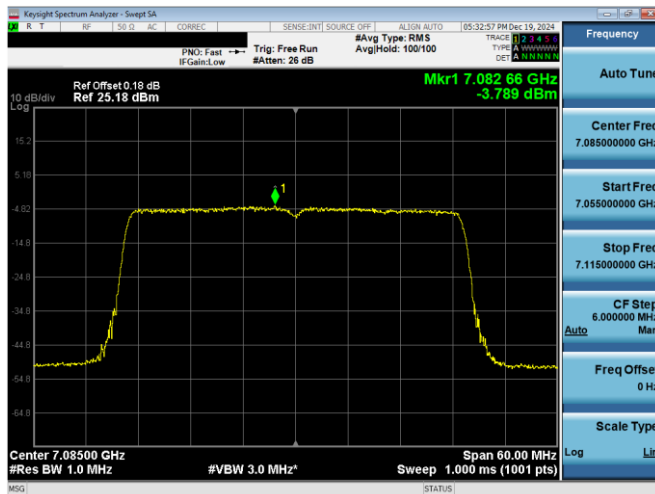
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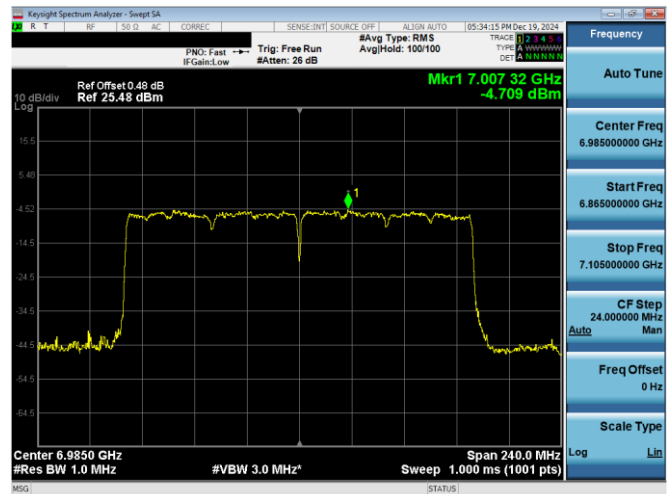
Plot 7-277. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 8) - Ch. 189)



Plot 7-279. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 8) - Ch. 215)



Plot 7-278. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 8) - Ch. 227)



Plot 7-280. PSD Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 8) - Ch. 207)

|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device | Page 169 of 548                       |                                   |

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## 7.4.5 Antenna WF7b Power Spectral Density Measurements – SP

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1       | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.55                             | 1.50               | 7.05                      | 17                         | -9.95       |
|        | 5935            | 1       | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.82                             | 1.50               | 6.32                      | 17                         | -10.68      |
|        | 5935            | 1       | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.37                             | 1.50               | 6.87                      | 17                         | -10.13      |
|        | 6175            | 45      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.99                             | -0.10              | 5.89                      | 17                         | -11.11      |
|        | 6175            | 45      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.86                             | -0.10              | 4.76                      | 17                         | -12.25      |
|        | 6175            | 45      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.05                             | -0.10              | 5.95                      | 17                         | -11.05      |
|        | 6415            | 93      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.03                             | -0.70              | 5.33                      | 17                         | -11.67      |
|        | 6415            | 93      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.83                             | -0.70              | 4.13                      | 17                         | -12.87      |
|        | 6415            | 93      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.42                             | -0.70              | 4.72                      | 17                         | -12.28      |
|        | 5965            | 3       | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.68                             | 1.50               | 8.18                      | 17                         | -8.82       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.64                             | 1.50               | 8.14                      | 17                         | -8.86       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.38                             | 1.50               | 7.88                      | 17                         | -9.12       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.18                             | -0.10              | 5.08                      | 17                         | -11.92      |
|        | 6165            | 43      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.64                             | -0.10              | 5.54                      | 17                         | -11.46      |
|        | 6165            | 43      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.89                             | -0.10              | 5.79                      | 17                         | -11.21      |
|        | 6165            | 91      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.38                             | -0.70              | 4.68                      | 17                         | -12.32      |
|        | 6165            | 91      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.63                             | -0.70              | 4.93                      | 17                         | -12.07      |
|        | 6165            | 91      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.24                             | -0.70              | 5.54                      | 17                         | -11.46      |
|        | 5985            | 7       | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.64                             | 1.50               | 8.14                      | 17                         | -8.86       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.71                             | 1.50               | 6.21                      | 17                         | -10.79      |
|        | 5985            | 7       | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.28                             | 1.50               | 6.78                      | 17                         | -10.22      |
|        | 6145            | 39      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.64                             | -0.10              | 5.54                      | 17                         | -11.46      |
|        | 6145            | 39      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.99                             | -0.10              | 4.89                      | 17                         | -12.11      |
|        | 6145            | 39      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.48                             | -0.10              | 5.38                      | 17                         | -11.62      |
|        | 6385            | 87      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.73                             | -0.70              | 5.03                      | 17                         | -11.97      |
|        | 6385            | 87      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.17                             | -0.70              | 3.47                      | 17                         | -13.53      |
|        | 6385            | 87      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.71                             | -0.70              | 5.01                      | 17                         | -11.99      |
|        | 6025            | 15 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 5.69                             | 1.50               | 7.19                      | 17                         | -9.81       |
|        | 6025            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.03                             | 1.50               | 6.53                      | 17                         | -10.47      |
|        | 6025            | 15 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 4.89                             | 1.50               | 6.39                      | 17                         | -10.61      |
|        | 6181            | 47 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 5.78                             | -0.10              | 5.68                      | 17                         | -11.32      |
|        | 6181            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.64                             | -0.10              | 5.54                      | 17                         | -11.46      |
|        | 6181            | 47 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.47                             | -0.10              | 5.37                      | 17                         | -11.63      |
|        | 6345            | 79 (L)  | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 5.56                             | -0.70              | 4.86                      | 17                         | -12.14      |
|        | 6345            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 4.85                             | -0.70              | 4.15                      | 17                         | -12.85      |
|        | 6345            | 79 (U)  | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.90                             | -0.70              | 5.20                      | 17                         | -11.80      |
| Band 6 | 6345            | 97      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.80                             | -0.90              | 5.90                      | 17                         | -11.10      |
|        | 6345            | 97      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 5.66                             | -0.90              | 4.76                      | 17                         | -12.24      |
|        | 6345            | 97      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 7.04                             | -0.90              | 6.14                      | 17                         | -10.86      |
|        | 6475            | 105     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.69                             | -0.90              | 5.79                      | 17                         | -11.21      |
|        | 6475            | 105     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 6.26                             | -0.90              | 5.36                      | 17                         | -11.65      |
|        | 6475            | 105     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.59                             | -0.90              | 5.69                      | 17                         | -11.31      |
|        | 6515            | 113     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.07                             | -0.90              | 5.17                      | 17                         | -11.83      |
|        | 6515            | 113     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 5.30                             | -0.90              | 4.40                      | 17                         | -12.60      |
|        | 6515            | 113     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.23                             | -0.90              | 5.33                      | 17                         | -11.67      |
|        | 6445            | 99      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.57                             | -0.90              | 5.67                      | 17                         | -11.33      |
|        | 6445            | 99      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.39                             | -0.90              | 5.49                      | 17                         | -11.51      |
|        | 6445            | 99      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.47                             | -0.90              | 5.57                      | 17                         | -11.43      |
|        | 6485            | 107     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.55                             | -0.90              | 5.65                      | 17                         | -11.35      |
|        | 6485            | 107     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.39                             | -0.90              | 5.49                      | 17                         | -11.51      |
|        | 6485            | 107     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.34                             | -0.90              | 5.44                      | 17                         | -11.56      |
|        | 6525            | 115     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.88                             | -0.90              | 5.98                      | 17                         | -11.02      |
|        | 6525            | 115     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 6.76                             | -0.90              | 5.86                      | 17                         | -11.14      |
|        | 6525            | 115     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 6.09                             | -0.90              | 5.19                      | 17                         | -11.81      |
|        | 6465            | 103     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.84                             | -0.90              | 5.94                      | 17                         | -11.06      |
|        | 6465            | 103     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 5.53                             | -0.90              | 4.63                      | 17                         | -12.37      |
|        | 6465            | 103     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.54                             | -0.90              | 5.64                      | 17                         | -11.36      |
|        | 6505            | 111 (L) | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 5.54                             | -0.90              | 4.64                      | 17                         | -12.36      |
|        | 6505            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 7.10                             | -0.90              | 6.20                      | 17                         | -10.80      |
|        | 6505            | 111 (U) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 6.22                             | -0.90              | 5.32                      | 17                         | -11.68      |

Table 7-149. Power Spectral Density Measurements Antenna WF7b (RU26)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 170 of 548                   |

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|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 7 | 6535            | 117     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.34                             | 2.20               | 7.54                      | 17                         | -9.46       |
|        | 6535            | 117     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.74                             | 2.20               | 6.94                      | 17                         | -10.06      |
|        | 6535            | 117     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.24                             | 2.20               | 7.44                      | 17                         | -9.56       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.34                             | 2.20               | 7.54                      | 17                         | -9.46       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.72                             | 2.20               | 6.92                      | 17                         | -10.08      |
|        | 6695            | 149     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.54                             | 2.20               | 7.74                      | 17                         | -9.26       |
|        | 6875            | 181     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.44                             | 2.20               | 7.64                      | 17                         | -9.37       |
|        | 6875            | 181     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | 4.86                             | 2.20               | 7.06                      | 17                         | -9.94       |
|        | 6875            | 181     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.35                             | 2.20               | 7.55                      | 17                         | -9.45       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.06                             | 2.20               | 8.26                      | 17                         | -8.74       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.25                             | 2.20               | 7.45                      | 17                         | -9.55       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.19                             | 2.20               | 7.39                      | 17                         | -9.61       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.84                             | 2.20               | 8.04                      | 17                         | -8.96       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.63                             | 2.20               | 7.83                      | 17                         | -9.17       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.58                             | 2.20               | 7.78                      | 17                         | -9.22       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.86                             | 2.20               | 8.06                      | 17                         | -8.94       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | 5.34                             | 2.20               | 7.54                      | 17                         | -9.46       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | 5.59                             | 2.20               | 7.79                      | 17                         | -9.21       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.69                             | 2.20               | 8.89                      | 17                         | -8.11       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 5.61                             | 2.20               | 7.81                      | 17                         | -9.19       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.81                             | 2.20               | 9.01                      | 17                         | -7.99       |
|        | 6545            | 135     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.39                             | 2.20               | 7.59                      | 17                         | -9.41       |
|        | 6545            | 135     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.71                             | 2.20               | 6.91                      | 17                         | -10.09      |
|        | 6545            | 135     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.88                             | 2.20               | 8.08                      | 17                         | -8.92       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.91                             | 2.20               | 8.11                      | 17                         | -8.89       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.77                             | 2.20               | 6.97                      | 17                         | -10.03      |
|        | 6705            | 151     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 5.31                             | 2.20               | 7.51                      | 17                         | -9.49       |
|        | 6865            | 167     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.78                             | 2.20               | 7.98                      | 17                         | -9.02       |
|        | 6865            | 167     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | 4.71                             | 2.20               | 6.91                      | 17                         | -10.09      |
|        | 6865            | 167     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | 6.03                             | 2.20               | 8.23                      | 17                         | -8.77       |
|        | 6665            | 143 (L) | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 5.94                             | 2.20               | 8.14                      | 17                         | -8.86       |
|        | 6665            |         | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 6.01                             | 2.20               | 8.21                      | 17                         | -8.79       |
|        | 6665            | 143 (U) | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | 5.27                             | 2.20               | 7.47                      | 17                         | -9.53       |

**Table 7-150. Power Spectral Density Measurements Antenna WF7b (RU26)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 171 of 548                   |

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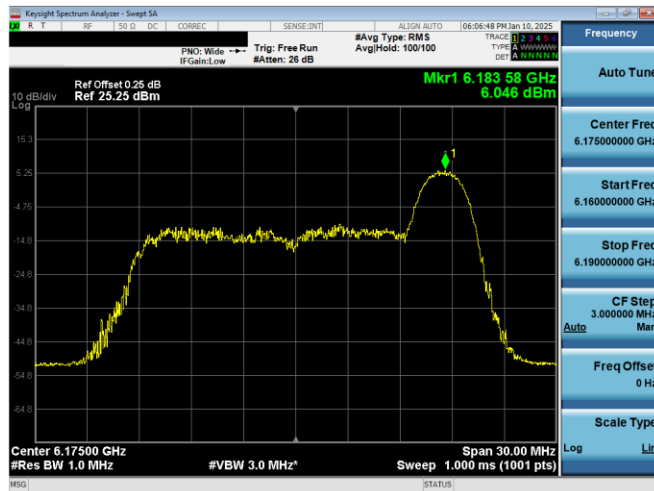
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5935            | 1       | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 5.98                             | 1.50               | 7.48                      | 17                         | -9.53       |
|        | 6175            | 45      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.33                             | -0.10              | 6.23                      | 17                         | -10.77      |
|        | 6415            | 93      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.36                             | -0.70              | 5.66                      | 17                         | -11.34      |
|        | 5965            | 3       | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.16                             | 1.50               | 5.66                      | 17                         | -11.34      |
|        | 6165            | 43      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.43                             | -0.10              | 3.33                      | 17                         | -13.67      |
|        | 6165            | 91      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.53                             | -0.70              | 2.83                      | 17                         | -14.17      |
|        | 5985            | 7       | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.08                             | 1.50               | 2.58                      | 17                         | -14.42      |
|        | 6145            | 39      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.88                             | -0.10              | 0.78                      | 17                         | -16.22      |
|        | 6385            | 87      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.96                             | -0.70              | 0.26                      | 17                         | -16.75      |
|        | 6025            | 15      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -2.33                            | 1.50               | -0.83                     | 17                         | -17.83      |
| Band 6 | 6181            | 47      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -2.22                            | -0.10              | -2.32                     | 17                         | -19.32      |
|        | 6345            | 79      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -2.77                            | -0.70              | -3.47                     | 17                         | -20.47      |
|        | 6345            | 97      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 7.10                             | -0.90              | 6.20                      | 17                         | -10.80      |
|        | 6475            | 105     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 7.16                             | -0.90              | 6.26                      | 17                         | -10.74      |
|        | 6515            | 113     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 7.22                             | -0.90              | 6.32                      | 17                         | -10.68      |
|        | 6445            | 99      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.40                             | -0.90              | 3.50                      | 17                         | -13.51      |
|        | 6485            | 107     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.47                             | -0.90              | 3.57                      | 17                         | -13.43      |
|        | 6525            | 115     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.38                             | -0.90              | 3.48                      | 17                         | -13.52      |
|        | 6465            | 103     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.43                             | -0.90              | 0.53                      | 17                         | -16.47      |
|        | 6505            | 111     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -1.16                            | -0.90              | -2.06                     | 17                         | -19.06      |
| Band 7 | 6535            | 117     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.02                             | 2.20               | 8.22                      | 17                         | -8.78       |
|        | 6695            | 149     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.10                             | 2.20               | 8.30                      | 17                         | -8.70       |
|        | 6875            | 181     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.00                             | 2.20               | 8.20                      | 17                         | -8.81       |
|        | 6565            | 123     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 2.92                             | 2.20               | 5.12                      | 17                         | -11.89      |
|        | 6725            | 155     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.33                             | 2.20               | 5.53                      | 17                         | -11.47      |
|        | 6845            | 179     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.23                             | 2.20               | 5.43                      | 17                         | -11.57      |
|        | 6545            | 119     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 1.42                             | 2.20               | 3.62                      | 17                         | -13.38      |
|        | 6545            | 135     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.27                             | 2.20               | 2.47                      | 17                         | -14.53      |
|        | 6705            | 151     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.83                             | 2.20               | 3.03                      | 17                         | -13.97      |
|        | 6865            | 167     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.63                             | 2.20               | 2.83                      | 17                         | -14.17      |
|        | 6665            | 143     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -2.84                            | 2.20               | -0.64                     | 17                         | -17.64      |

**Table 7-151. Power Spectral Density Measurements Antenna WF7b (Fully – Loaded RU)**

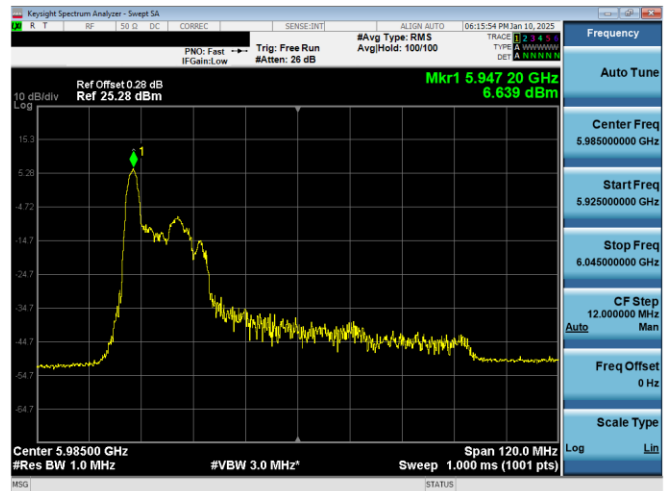
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025                                                                                              | EUT Type:<br>Tablet Device | Page 172 of 548                   |

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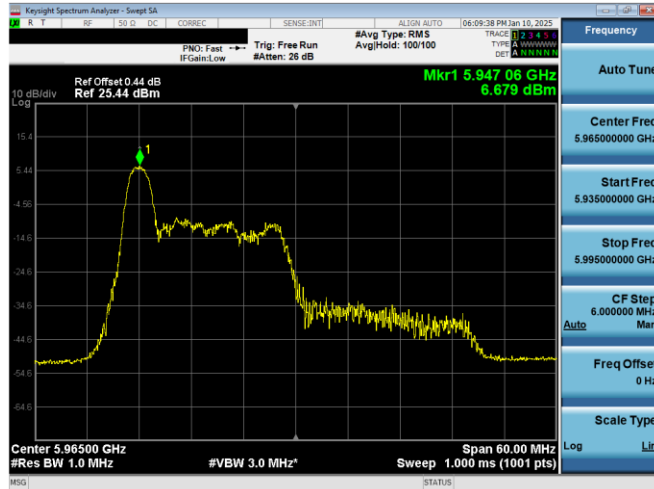
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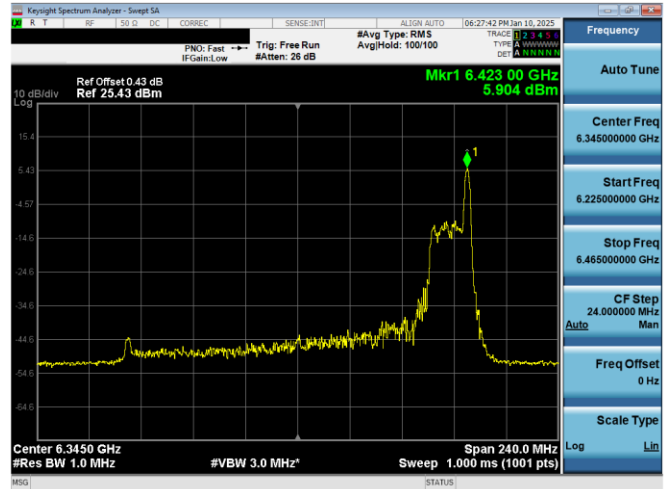
Plot 7-281. PSD Plot Antenna WF7b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-283. PSD Plot Antenna WF7b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 7)



Plot 7-282. PSD Plot Antenna WF7b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 3)



Plot 7-284. PSD Plot Antenna WF7b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 79)

|                                            |                                      |                            |                                       |                                   |
|--------------------------------------------|--------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268<br>IC: 579C-A3268         |                                      |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2410210074-13-R1.BCG | Test Dates:<br>10/25/2024 - 1/6/2025 | EUT Type:<br>Tablet Device |                                       | Page 173 of 548                   |

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