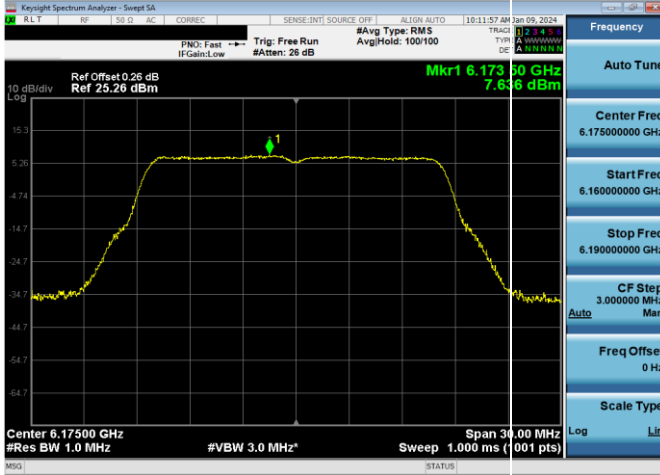
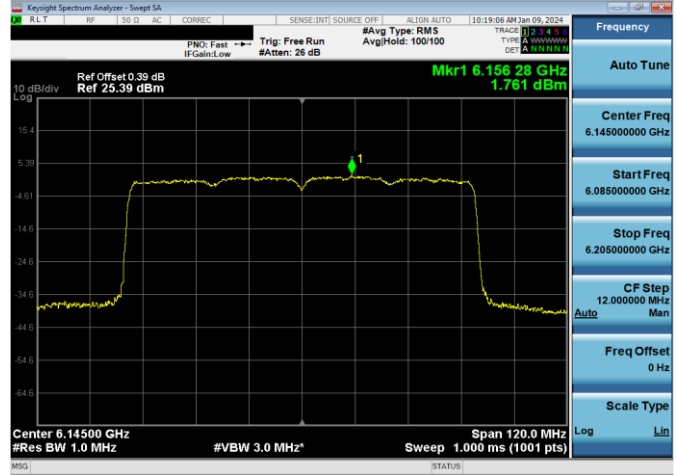


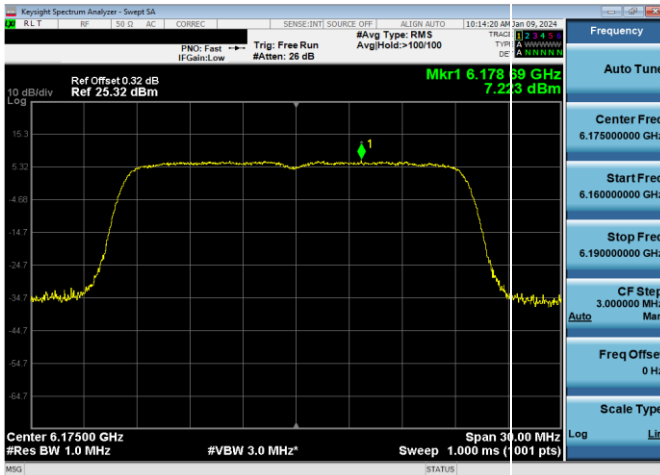
# High Data Rate



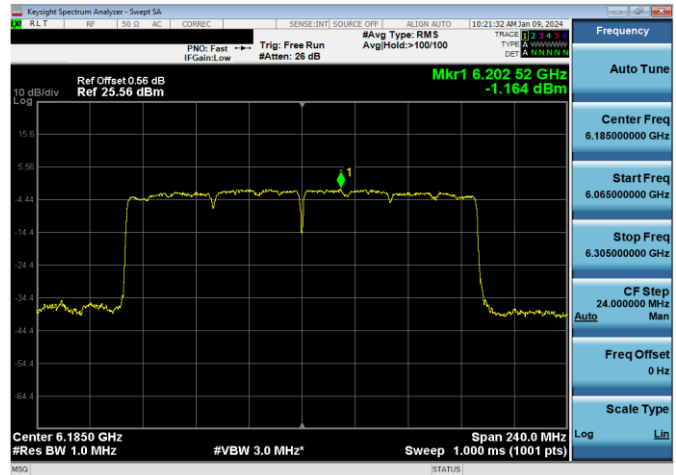
Plot 7-205. Power Spectral Density Plot Antenna WF5B Standard Power (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



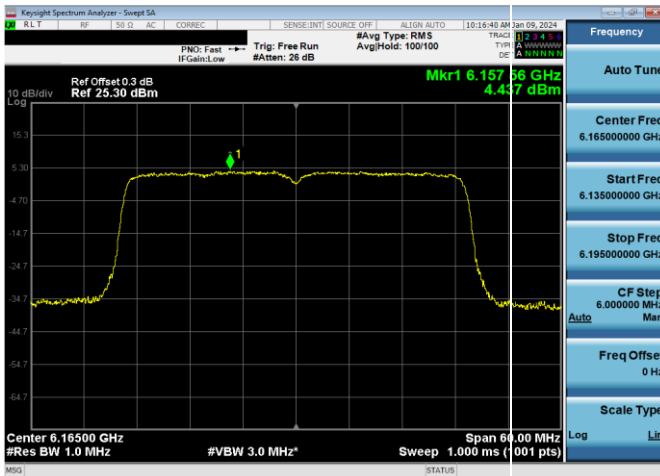
Plot 7-208. Power Spectral Density Plot Antenna WF5B Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



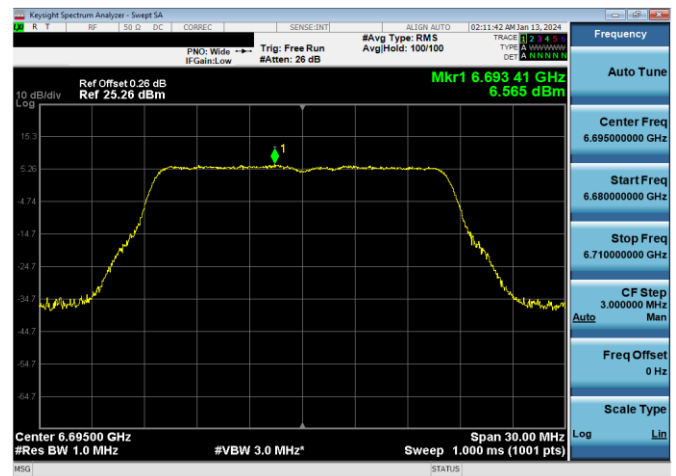
Plot 7-206. Power Spectral Density Plot Antenna WF5B Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-209. Power Spectral Density Plot Antenna WF5B Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

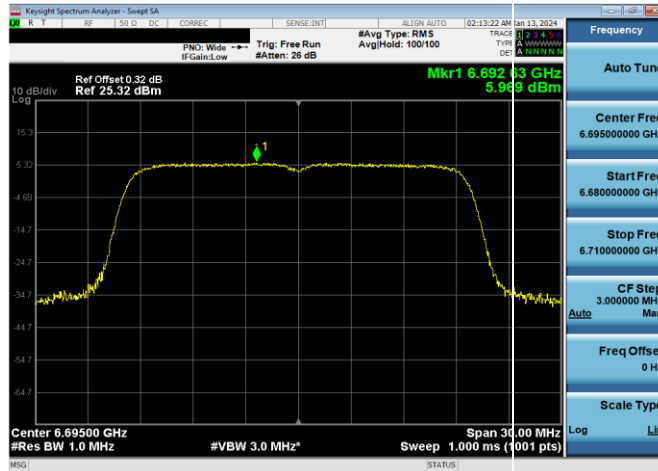


Plot 7-207. Power Spectral Density Plot Antenna WF5B Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

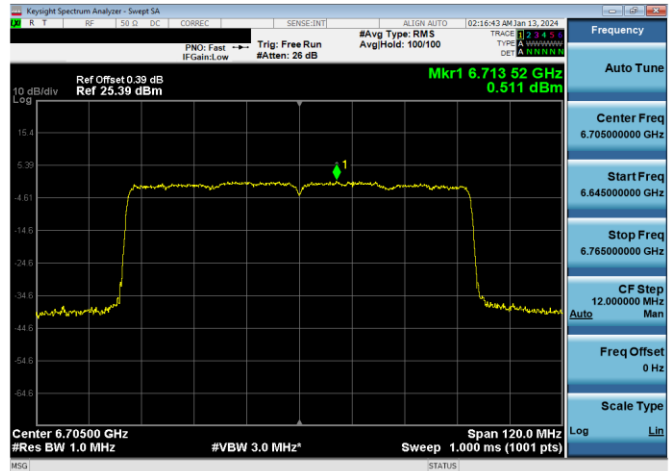


Plot 7-210. Power Spectral Density Plot Antenna WF5B Standard Power (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

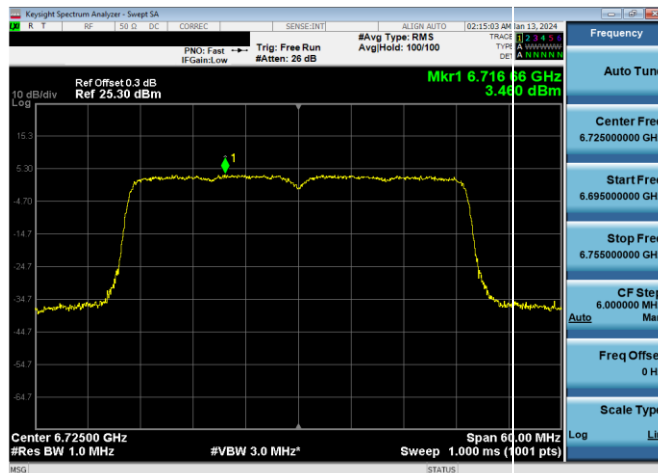
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024 | EUT Type:<br>Tablet Device            | Page 131 of 567                   |



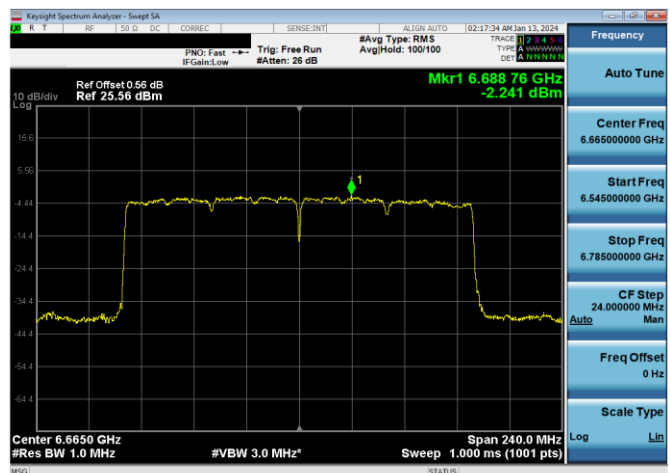
Plot 7-211. Power Spectral Density Plot Antenna WF5B Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-213. Power Spectral Density Plot Antenna WF5B Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-212. Power Spectral Density Plot Antenna WF5B Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-214. Power Spectral Density Plot Antenna WF5B Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

|                                         |                                      |                                       |                                   |
|-----------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024 | EUT Type:<br>Tablet Device            | Page 132 of 567                   |

## 7.4.2 Antenna WF8 Power Spectral Density Measurements

|        | Frequency [MHz] | Channel No. | 802.11 Mode | 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 | 5955            | 1           | a           | 12                 | -5.37                            | 1.70               | -3.67                     | -1                         | -2.67       |
|        | 6175            | 45          | a           | 12                 | -4.74                            | 1.70               | -3.04                     | -1                         | -2.04       |
|        | 6415            | 93          | a           | 12                 | -5.31                            | 1.70               | -3.61                     | -1                         | -2.61       |
|        | 5955            | 1           | ax (20MHz)  | 24/25.8 (MCS2)     | -5.86                            | 1.70               | -4.16                     | -1                         | -3.16       |
|        | 6175            | 45          | ax (20MHz)  | 24/25.8 (MCS2)     | -5.25                            | 1.70               | -3.55                     | -1                         | -2.55       |
|        | 6415            | 93          | ax (20MHz)  | 24/25.8 (MCS2)     | -5.53                            | 1.70               | -3.83                     | -1                         | -2.83       |
|        | 5965            | 3           | ax (40MHz)  | 49/51.6 (MCS2)     | -6.05                            | 1.70               | -4.35                     | -1                         | -3.35       |
|        | 6165            | 43          | ax (40MHz)  | 49/51.6 (MCS2)     | -5.49                            | 1.70               | -3.79                     | -1                         | -2.79       |
|        | 6405            | 91          | ax (40MHz)  | 49/51.6 (MCS2)     | -5.68                            | 1.70               | -3.98                     | -1                         | -2.98       |
|        | 5985            | 7           | ax (80MHz)  | 102/108.1 (MCS2)   | -5.71                            | 1.70               | -4.01                     | -1                         | -3.01       |
|        | 6145            | 39          | ax (80MHz)  | 102/108.1 (MCS2)   | -5.15                            | 1.70               | -3.45                     | -1                         | -2.45       |
|        | 6385            | 87          | ax (80MHz)  | 102/108.1 (MCS2)   | -5.44                            | 1.70               | -3.74                     | -1                         | -2.74       |
|        | 6025            | 15          | ax (160MHz) | 183.8/216.2 (MCS2) | -6.08                            | 1.70               | -4.38                     | -1                         | -3.38       |
| Band 6 | 6185            | 47          | ax (160MHz) | 183.8/216.2 (MCS2) | -5.15                            | 1.70               | -3.45                     | -1                         | -2.45       |
|        | 6345            | 79          | ax (160MHz) | 183.8/216.2 (MCS2) | -5.74                            | 1.70               | -4.04                     | -1                         | -3.04       |
|        | 6435            | 97          | a           | 12                 | -5.49                            | 1.20               | -4.29                     | -1                         | -3.29       |
|        | 6475            | 105         | a           | 12                 | -5.48                            | 1.20               | -4.28                     | -1                         | -3.28       |
|        | 6515            | 113         | a           | 12                 | -5.51                            | 1.20               | -4.31                     | -1                         | -3.31       |
|        | 6435            | 97          | ax (20MHz)  | 24/25.8 (MCS2)     | -5.88                            | 1.20               | -4.68                     | -1                         | -3.68       |
|        | 6475            | 105         | ax (20MHz)  | 24/25.8 (MCS2)     | -6.06                            | 1.20               | -4.86                     | -1                         | -3.86       |
|        | 6515            | 113         | ax (20MHz)  | 24/25.8 (MCS2)     | -6.34                            | 1.20               | -5.14                     | -1                         | -4.14       |
|        | 6445            | 99          | ax (40MHz)  | 49/51.6 (MCS2)     | -5.79                            | 1.20               | -4.59                     | -1                         | -3.59       |
|        | 6485            | 107         | ax (40MHz)  | 49/51.6 (MCS2)     | -5.82                            | 1.20               | -4.62                     | -1                         | -3.62       |
|        | 6525            | 115         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.02                            | 1.20               | -5.82                     | -1                         | -4.82       |
|        | 6465            | 103         | ax (80MHz)  | 102/108.1 (MCS2)   | -5.67                            | 1.20               | -4.47                     | -1                         | -3.47       |
|        | 6505            | 111         | ax (160MHz) | 183.8/216.2 (MCS2) | -7.09                            | 1.20               | -5.89                     | -1                         | -4.89       |
| Band 7 | 6535            | 117         | a           | 12                 | -6.42                            | 1.40               | -5.02                     | -1                         | -4.02       |
|        | 6695            | 149         | a           | 12                 | -6.21                            | 1.40               | -4.81                     | -1                         | -3.81       |
|        | 6875            | 185         | a           | 12                 | -6.60                            | 1.40               | -5.20                     | -1                         | -4.20       |
|        | 6535            | 117         | ax (20MHz)  | 24/25.8 (MCS2)     | -6.90                            | 1.40               | -5.50                     | -1                         | -4.50       |
|        | 6695            | 149         | ax (20MHz)  | 24/25.8 (MCS2)     | -6.73                            | 1.40               | -5.33                     | -1                         | -4.33       |
|        | 6875            | 185         | ax (20MHz)  | 24/25.8 (MCS2)     | -7.22                            | 1.40               | -5.82                     | -1                         | -4.82       |
|        | 6565            | 123         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.19                            | 1.40               | -5.79                     | -1                         | -4.79       |
|        | 6725            | 155         | ax (40MHz)  | 49/51.6 (MCS2)     | -6.93                            | 1.40               | -5.53                     | -1                         | -4.53       |
|        | 6845            | 179         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.07                            | 1.40               | -5.67                     | -1                         | -4.67       |
|        | 6545            | 119         | ax (80MHz)  | 102/108.1 (MCS2)   | -6.72                            | 1.40               | -5.32                     | -1                         | -4.32       |
|        | 6705            | 151         | ax (80MHz)  | 102/108.1 (MCS2)   | -7.17                            | 1.40               | -5.77                     | -1                         | -4.77       |
|        | 6865            | 183         | ax (80MHz)  | 102/108.1 (MCS2)   | -7.04                            | 1.40               | -5.64                     | -1                         | -4.64       |
|        | 6665            | 143         | ax (160MHz) | 183.8/216.2 (MCS2) | -7.62                            | 1.40               | -6.22                     | -1                         | -5.22       |
| Band 8 | 6825            | 175         | ax (160MHz) | 183.8/216.2 (MCS2) | -6.88                            | 1.40               | -5.48                     | -1                         | -4.48       |
|        | 6895            | 189         | a           | 12                 | -6.00                            | 0.60               | -5.40                     | -1                         | -4.40       |
|        | 6995            | 209         | a           | 12                 | -5.85                            | 0.60               | -5.25                     | -1                         | -4.25       |
|        | 7115            | 233         | a           | 12                 | -5.61                            | 0.60               | -5.01                     | -1                         | -4.01       |
|        | 6895            | 189         | ax (20MHz)  | 24/25.8 (MCS2)     | -6.47                            | 0.60               | -5.87                     | -1                         | -4.87       |
|        | 6995            | 209         | ax (20MHz)  | 24/25.8 (MCS2)     | -6.11                            | 0.60               | -5.51                     | -1                         | -4.51       |
|        | 7115            | 233         | ax (20MHz)  | 24/25.8 (MCS2)     | -5.71                            | 0.60               | -5.11                     | -1                         | -4.11       |
|        | 6885            | 187         | ax (40MHz)  | 49/51.6 (MCS2)     | -7.30                            | 0.60               | -6.70                     | -1                         | -5.70       |
|        | 7005            | 211         | ax (40MHz)  | 49/51.6 (MCS2)     | -6.25                            | 0.60               | -5.65                     | -1                         | -4.65       |
|        | 7085            | 227         | ax (40MHz)  | 49/51.6 (MCS2)     | -5.68                            | 0.60               | -5.08                     | -1                         | -4.08       |
|        | 6945            | 199         | ax (80MHz)  | 102/108.1 (MCS2)   | -6.67                            | 0.60               | -6.07                     | -1                         | -5.07       |
|        | 7025            | 215         | ax (80MHz)  | 102/108.1 (MCS2)   | -6.31                            | 0.60               | -5.71                     | -1                         | -4.71       |
|        | 6985            | 207         | ax (160MHz) | 183.8/216.2 (MCS2) | -6.91                            | 0.60               | -6.31                     | -1                         | -5.31       |

**Table 7-137. Power Spectral Density Measurements LPI Antenna WF8 (Low Data Rate)**

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024                                                | EUT Type:<br>Tablet Device            | Page 133 of 567                   |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | 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 | 5955            | 1           | a           | 24                 | -5.47                            | 1.70               | -3.77                     | -1                         | -2.77       |
|        | 6175            | 45          | a           | 24                 | -5.09                            | 1.70               | -3.39                     | -1                         | -2.39       |
|        | 6415            | 93          | a           | 24                 | -4.88                            | 1.70               | -3.18                     | -1                         | -2.18       |
|        | 5955            | 1           | ax (20MHz)  | 49/51.6 (MCS4)     | -5.70                            | 1.70               | -4.00                     | -1                         | -3.00       |
|        | 6175            | 45          | ax (20MHz)  | 49/51.6 (MCS4)     | -5.27                            | 1.70               | -3.57                     | -1                         | -2.57       |
|        | 6415            | 93          | ax (20MHz)  | 49/51.6 (MCS4)     | -5.33                            | 1.70               | -3.63                     | -1                         | -2.63       |
|        | 5965            | 3           | ax (40MHz)  | 98/103.2 (MCS4)    | -5.81                            | 1.70               | -4.11                     | -1                         | -3.11       |
|        | 6165            | 43          | ax (40MHz)  | 98/103.2 (MCS4)    | -5.48                            | 1.70               | -3.78                     | -1                         | -2.78       |
|        | 6405            | 91          | ax (40MHz)  | 98/103.2 (MCS4)    | -5.54                            | 1.70               | -3.84                     | -1                         | -2.84       |
|        | 5985            | 7           | ax (80MHz)  | 204/216.2 (MCS4)   | -5.73                            | 1.70               | -4.03                     | -1                         | -3.03       |
|        | 6145            | 39          | ax (80MHz)  | 204/216.2 (MCS4)   | -5.25                            | 1.70               | -3.55                     | -1                         | -2.55       |
|        | 6385            | 87          | ax (80MHz)  | 204/216.2 (MCS4)   | -5.44                            | 1.70               | -3.74                     | -1                         | -2.74       |
|        | 6025            | 15          | ax (160MHz) | 367.5/432.4 (MCS4) | -5.98                            | 1.70               | -4.28                     | -1                         | -3.28       |
|        | 6185            | 47          | ax (160MHz) | 367.5/432.4 (MCS4) | -5.31                            | 1.70               | -3.61                     | -1                         | -2.61       |
| Band 6 | 6345            | 79          | ax (160MHz) | 367.5/432.4 (MCS4) | -5.65                            | 1.70               | -3.95                     | -1                         | -2.95       |
|        | 6435            | 97          | a           | 24                 | -5.51                            | 1.20               | -4.31                     | -1                         | -3.31       |
|        | 6475            | 105         | a           | 24                 | -5.43                            | 1.20               | -4.23                     | -1                         | -3.23       |
|        | 6515            | 113         | a           | 24                 | -5.46                            | 1.20               | -4.26                     | -1                         | -3.26       |
|        | 6435            | 97          | ax (20MHz)  | 49/51.6 (MCS4)     | -5.85                            | 1.20               | -4.65                     | -1                         | -3.65       |
|        | 6475            | 105         | ax (20MHz)  | 49/51.6 (MCS4)     | -5.89                            | 1.20               | -4.69                     | -1                         | -3.69       |
|        | 6515            | 113         | ax (20MHz)  | 49/51.6 (MCS4)     | -5.71                            | 1.20               | -4.51                     | -1                         | -3.51       |
|        | 6445            | 99          | ax (40MHz)  | 98/103.2 (MCS4)    | -5.83                            | 1.20               | -4.63                     | -1                         | -3.63       |
|        | 6485            | 107         | ax (40MHz)  | 98/103.2 (MCS4)    | -5.69                            | 1.20               | -4.49                     | -1                         | -3.49       |
|        | 6525            | 115         | ax (40MHz)  | 98/103.2 (MCS4)    | -6.70                            | 1.20               | -5.50                     | -1                         | -4.50       |
|        | 6465            | 103         | ax (80MHz)  | 204/216.2 (MCS4)   | -5.86                            | 1.20               | -4.66                     | -1                         | -3.66       |
|        | 6505            | 111         | ax (160MHz) | 367.5/432.4 (MCS4) | -6.89                            | 1.20               | -5.69                     | -1                         | -4.69       |
| Band 7 | 6535            | 117         | a           | 24                 | -6.38                            | 1.40               | -4.98                     | -1                         | -3.98       |
|        | 6695            | 149         | a           | 24                 | -6.22                            | 1.40               | -4.82                     | -1                         | -3.82       |
|        | 6875            | 185         | a           | 24                 | -6.45                            | 1.40               | -5.05                     | -1                         | -4.05       |
|        | 6535            | 117         | ax (20MHz)  | 49/51.6 (MCS4)     | -6.80                            | 1.40               | -5.40                     | -1                         | -4.40       |
|        | 6695            | 149         | ax (20MHz)  | 49/51.6 (MCS4)     | -6.55                            | 1.40               | -5.15                     | -1                         | -4.15       |
|        | 6875            | 185         | ax (20MHz)  | 49/51.6 (MCS4)     | -6.84                            | 1.40               | -5.44                     | -1                         | -4.44       |
|        | 6565            | 123         | ax (40MHz)  | 98/103.2 (MCS4)    | -7.01                            | 1.40               | -5.61                     | -1                         | -4.61       |
|        | 6725            | 155         | ax (40MHz)  | 98/103.2 (MCS4)    | -6.87                            | 1.40               | -5.47                     | -1                         | -4.47       |
|        | 6845            | 179         | ax (40MHz)  | 98/103.2 (MCS4)    | -7.05                            | 1.40               | -5.65                     | -1                         | -4.65       |
|        | 6545            | 119         | ax (80MHz)  | 204/216.2 (MCS4)   | -6.67                            | 1.40               | -5.27                     | -1                         | -4.27       |
|        | 6705            | 151         | ax (80MHz)  | 204/216.2 (MCS4)   | -7.02                            | 1.40               | -5.62                     | -1                         | -4.62       |
|        | 6865            | 183         | ax (80MHz)  | 204/216.2 (MCS4)   | -7.16                            | 1.40               | -5.76                     | -1                         | -4.76       |
|        | 6665            | 143         | ax (160MHz) | 367.5/432.4 (MCS4) | -7.63                            | 1.40               | -6.23                     | -1                         | -5.23       |
|        | 6825            | 175         | ax (160MHz) | 367.5/432.4 (MCS4) | -6.56                            | 1.40               | -5.16                     | -1                         | -4.16       |
| Band 8 | 6895            | 189         | a           | 24                 | -5.95                            | 0.60               | -5.35                     | -1                         | -4.35       |
|        | 6995            | 209         | a           | 24                 | -5.45                            | 0.60               | -4.85                     | -1                         | -3.85       |
|        | 7115            | 233         | a           | 24                 | -5.46                            | 0.60               | -4.86                     | -1                         | -3.86       |
|        | 6895            | 189         | ax (20MHz)  | 49/51.6 (MCS4)     | -6.54                            | 0.60               | -5.94                     | -1                         | -4.94       |
|        | 6995            | 209         | ax (20MHz)  | 49/51.6 (MCS4)     | -6.04                            | 0.60               | -5.44                     | -1                         | -4.44       |
|        | 7115            | 233         | ax (20MHz)  | 49/51.6 (MCS4)     | -6.42                            | 0.60               | -5.82                     | -1                         | -4.82       |
|        | 6885            | 187         | ax (40MHz)  | 98/103.2 (MCS4)    | -7.01                            | 0.60               | -6.41                     | -1                         | -5.41       |
|        | 7005            | 211         | ax (40MHz)  | 98/103.2 (MCS4)    | -6.00                            | 0.60               | -5.40                     | -1                         | -4.40       |
|        | 7085            | 227         | ax (40MHz)  | 98/103.2 (MCS4)    | -5.92                            | 0.60               | -5.32                     | -1                         | -4.32       |
|        | 6945            | 199         | ax (80MHz)  | 204/216.2 (MCS4)   | -6.56                            | 0.60               | -5.96                     | -1                         | -4.96       |
|        | 7025            | 215         | ax (80MHz)  | 204/216.2 (MCS4)   | -6.19                            | 0.60               | -5.59                     | -1                         | -4.59       |
|        | 6985            | 207         | ax (160MHz) | 367.5/432.4 (MCS4) | -6.54                            | 0.60               | -5.94                     | -1                         | -4.94       |

**Table 7-138. Power Spectral Density Measurements LPI Antenna WF8 (Mid Data Rate)**

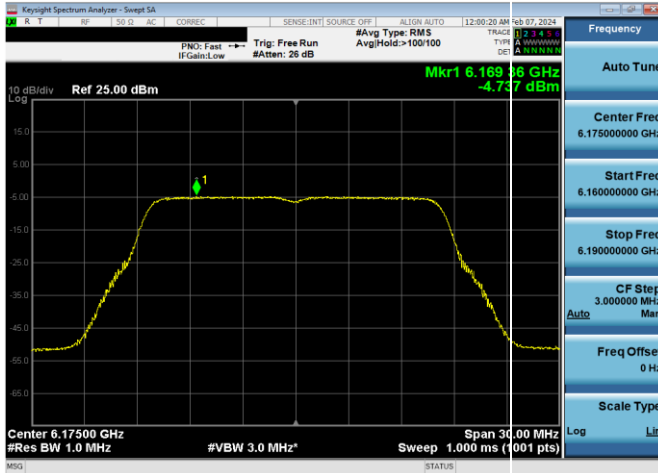
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024                                                | EUT Type:<br>Tablet Device            | Page 134 of 567                   |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | 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 | 5955            | 1           | a           | 54                  | -5.32                            | 1.70               | -3.62                     | -1                         | -2.62       |
|        | 6175            | 45          | a           | 54                  | -4.87                            | 1.70               | -3.17                     | -1                         | -2.17       |
|        | 6415            | 93          | a           | 54                  | -4.90                            | 1.70               | -3.20                     | -1                         | -2.20       |
|        | 5955            | 1           | ax (20MHz)  | 135/143.4 (MCS11)   | -5.55                            | 1.70               | -3.85                     | -1                         | -2.85       |
|        | 6175            | 45          | ax (20MHz)  | 135/143.4 (MCS11)   | -5.26                            | 1.70               | -3.56                     | -1                         | -2.56       |
|        | 6415            | 93          | ax (20MHz)  | 135/143.4 (MCS11)   | -5.31                            | 1.70               | -3.61                     | -1                         | -2.61       |
|        | 5965            | 3           | ax (40MHz)  | 271/286.8 (MCS11)   | -5.97                            | 1.70               | -4.27                     | -1                         | -3.27       |
|        | 6165            | 43          | ax (40MHz)  | 271/286.8 (MCS11)   | -5.61                            | 1.70               | -3.91                     | -1                         | -2.91       |
|        | 6405            | 91          | ax (40MHz)  | 271/286.8 (MCS11)   | -5.21                            | 1.70               | -3.51                     | -1                         | -2.51       |
|        | 5985            | 7           | ax (80MHz)  | 567/600.5 (MCS11)   | -5.76                            | 1.70               | -4.06                     | -1                         | -3.06       |
|        | 6145            | 39          | ax (80MHz)  | 567/600.5 (MCS11)   | -5.25                            | 1.70               | -3.55                     | -1                         | -2.55       |
|        | 6385            | 87          | ax (80MHz)  | 567/600.5 (MCS11)   | -5.13                            | 1.70               | -3.43                     | -1                         | -2.43       |
|        | 6025            | 15          | ax (160MHz) | 1020.8/1201 (MCS11) | -5.21                            | 1.70               | -3.51                     | -1                         | -2.51       |
|        | 6185            | 47          | ax (160MHz) | 1020.8/1201 (MCS11) | -4.87                            | 1.70               | -3.17                     | -1                         | -2.17       |
| Band 6 | 6345            | 79          | ax (160MHz) | 1020.8/1201 (MCS11) | -5.68                            | 1.70               | -3.98                     | -1                         | -2.98       |
|        | 6435            | 97          | a           | 54                  | -5.21                            | 1.20               | -4.01                     | -1                         | -3.01       |
|        | 6475            | 105         | a           | 54                  | -5.11                            | 1.20               | -3.91                     | -1                         | -2.91       |
|        | 6515            | 113         | a           | 54                  | -5.18                            | 1.20               | -3.98                     | -1                         | -2.98       |
|        | 6435            | 97          | ax (20MHz)  | 135/143.4 (MCS11)   | -5.68                            | 1.20               | -4.48                     | -1                         | -3.48       |
|        | 6475            | 105         | ax (20MHz)  | 135/143.4 (MCS11)   | -5.58                            | 1.20               | -4.38                     | -1                         | -3.38       |
|        | 6515            | 113         | ax (20MHz)  | 135/143.4 (MCS11)   | -5.67                            | 1.20               | -4.47                     | -1                         | -3.47       |
|        | 6445            | 99          | ax (40MHz)  | 271/286.8 (MCS11)   | -5.65                            | 1.20               | -4.45                     | -1                         | -3.45       |
|        | 6485            | 107         | ax (40MHz)  | 271/286.8 (MCS11)   | -5.70                            | 1.20               | -4.50                     | -1                         | -3.50       |
|        | 6525            | 115         | ax (40MHz)  | 271/286.8 (MCS11)   | -7.06                            | 1.20               | -5.86                     | -1                         | -4.86       |
| Band 7 | 6465            | 103         | ax (80MHz)  | 567/600.5 (MCS11)   | -5.26                            | 1.20               | -4.06                     | -1                         | -3.06       |
|        | 6505            | 111         | ax (160MHz) | 1020.8/1201 (MCS11) | -6.79                            | 1.20               | -5.59                     | -1                         | -4.59       |
|        | 6535            | 117         | a           | 54                  | -6.02                            | 1.40               | -4.62                     | -1                         | -3.62       |
|        | 6695            | 149         | a           | 54                  | -6.04                            | 1.40               | -4.64                     | -1                         | -3.64       |
|        | 6875            | 185         | a           | 54                  | -6.50                            | 1.40               | -5.10                     | -1                         | -4.10       |
|        | 6535            | 117         | ax (20MHz)  | 135/143.4 (MCS11)   | -6.71                            | 1.40               | -5.31                     | -1                         | -4.31       |
|        | 6695            | 149         | ax (20MHz)  | 135/143.4 (MCS11)   | -6.58                            | 1.40               | -5.18                     | -1                         | -4.18       |
|        | 6875            | 185         | ax (20MHz)  | 135/143.4 (MCS11)   | -7.08                            | 1.40               | -5.68                     | -1                         | -4.68       |
|        | 6565            | 123         | ax (40MHz)  | 271/286.8 (MCS11)   | -6.77                            | 1.40               | -5.37                     | -1                         | -4.37       |
|        | 6725            | 155         | ax (40MHz)  | 271/286.8 (MCS11)   | -6.96                            | 1.40               | -5.56                     | -1                         | -4.56       |
|        | 6845            | 179         | ax (40MHz)  | 271/286.8 (MCS11)   | -6.93                            | 1.40               | -5.53                     | -1                         | -4.53       |
|        | 6545            | 119         | ax (80MHz)  | 567/600.5 (MCS11)   | -6.47                            | 1.40               | -5.07                     | -1                         | -4.07       |
|        | 6705            | 151         | ax (80MHz)  | 567/600.5 (MCS11)   | -6.59                            | 1.40               | -5.19                     | -1                         | -4.19       |
|        | 6865            | 183         | ax (80MHz)  | 567/600.5 (MCS11)   | -7.13                            | 1.40               | -5.73                     | -1                         | -4.73       |
| Band 8 | 6665            | 143         | ax (160MHz) | 1020.8/1201 (MCS11) | -7.46                            | 1.40               | -6.06                     | -1                         | -5.06       |
|        | 6825            | 175         | ax (160MHz) | 1020.8/1201 (MCS11) | -6.80                            | 1.40               | -5.40                     | -1                         | -4.40       |
|        | 6895            | 189         | a           | 54                  | -5.35                            | 0.60               | -4.75                     | -1                         | -3.75       |
|        | 6995            | 209         | a           | 54                  | -5.58                            | 0.60               | -4.98                     | -1                         | -3.98       |
|        | 7115            | 233         | a           | 54                  | -5.45                            | 0.60               | -4.85                     | -1                         | -3.85       |
|        | 6895            | 189         | ax (20MHz)  | 135/143.4 (MCS11)   | -6.10                            | 0.60               | -5.50                     | -1                         | -4.50       |
|        | 6995            | 209         | ax (20MHz)  | 135/143.4 (MCS11)   | -6.05                            | 0.60               | -5.45                     | -1                         | -4.45       |
|        | 7115            | 233         | ax (20MHz)  | 135/143.4 (MCS11)   | -6.17                            | 0.60               | -5.57                     | -1                         | -4.57       |
|        | 6885            | 187         | ax (40MHz)  | 271/286.8 (MCS11)   | -7.05                            | 0.60               | -6.45                     | -1                         | -5.45       |
|        | 7005            | 211         | ax (40MHz)  | 271/286.8 (MCS11)   | -6.07                            | 0.60               | -5.47                     | -1                         | -4.47       |
|        | 7085            | 227         | ax (40MHz)  | 271/286.8 (MCS11)   | -5.94                            | 0.60               | -5.34                     | -1                         | -4.34       |
|        | 6945            | 199         | ax (80MHz)  | 567/600.5 (MCS11)   | -5.97                            | 0.60               | -5.37                     | -1                         | -4.37       |
|        | 7025            | 215         | ax (80MHz)  | 567/600.5 (MCS11)   | -6.32                            | 0.60               | -5.72                     | -1                         | -4.72       |
|        | 6985            | 207         | ax (160MHz) | 1020.8/1201 (MCS11) | -6.63                            | 0.60               | -6.03                     | -1                         | -5.03       |

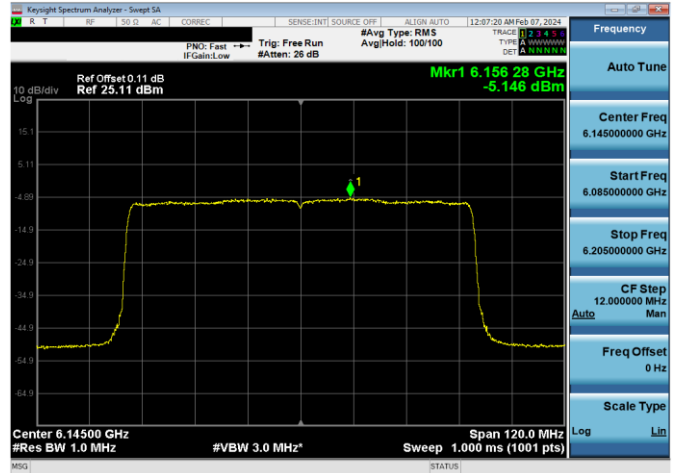
**Table 7-139. Power Spectral Density Measurements LPI Antenna WF8 (High Data Rate)**

|                                         |                                                                                                                               |                            |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024                                                                                          | EUT Type:<br>Tablet Device | Page 135 of 567                   |

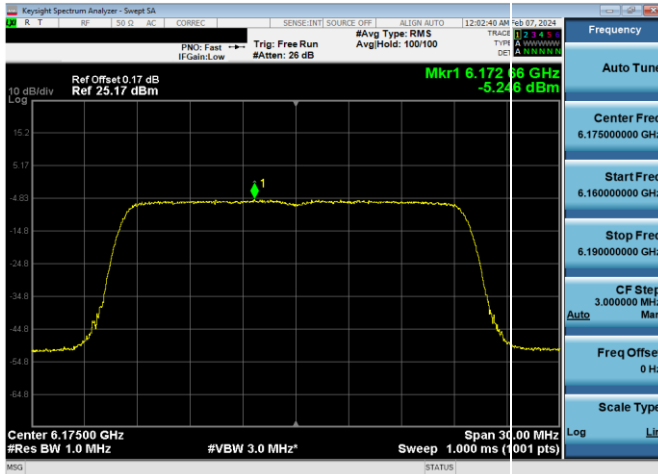
## Low Data Rate



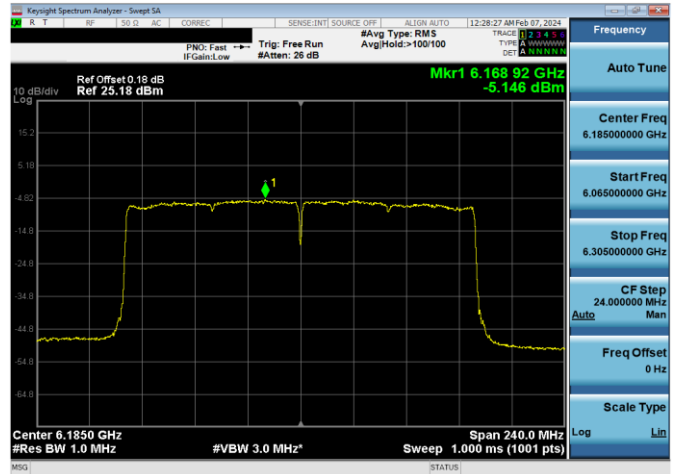
Plot 7-215. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 5) – Ch. 45, 12Mbps)



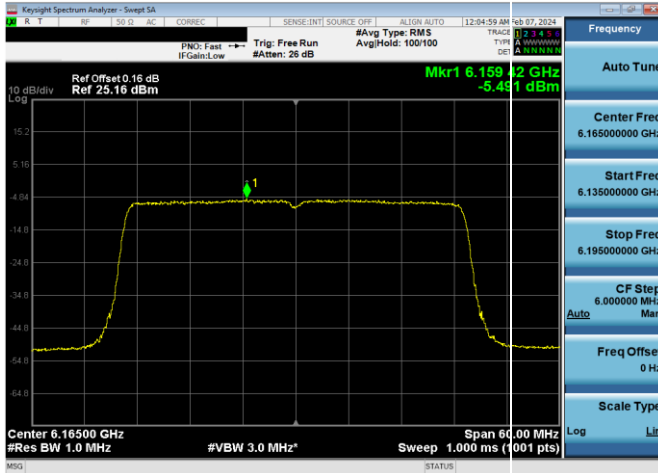
Plot 7-218. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



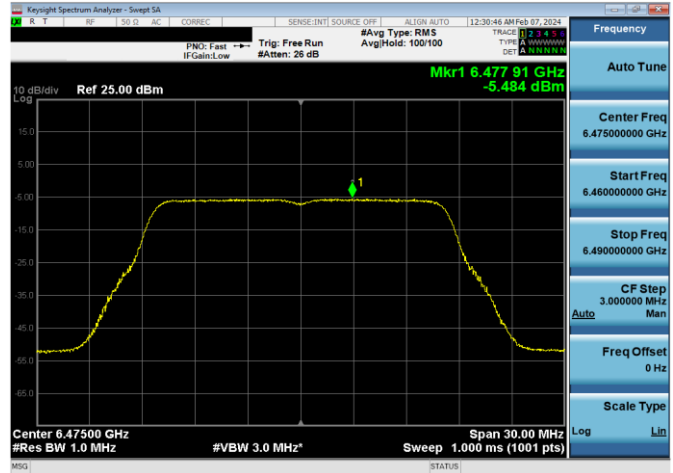
Plot 7-216. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-219. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)

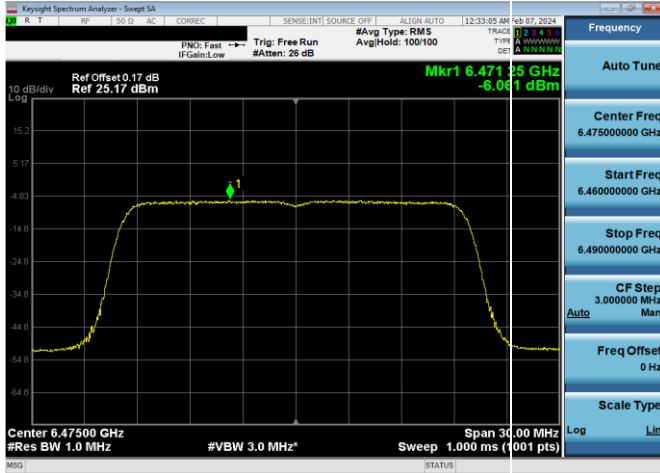


Plot 7-217. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)



Plot 7-220. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 6) – Ch. 105, 12Mbps)

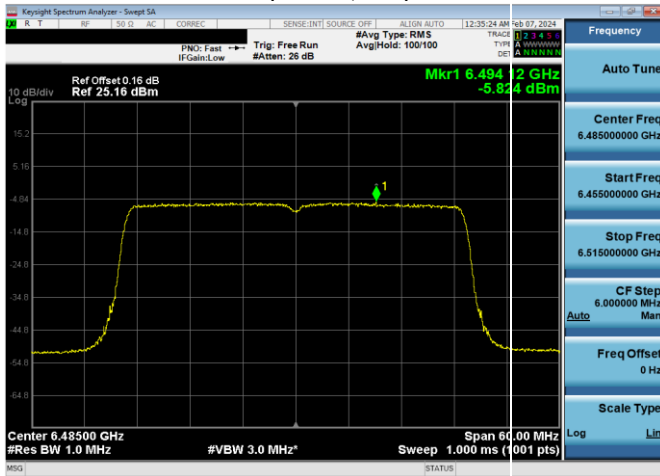
|                                         |                                      |                                       |                                   |
|-----------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024 | EUT Type:<br>Tablet Device            | Page 136 of 567                   |



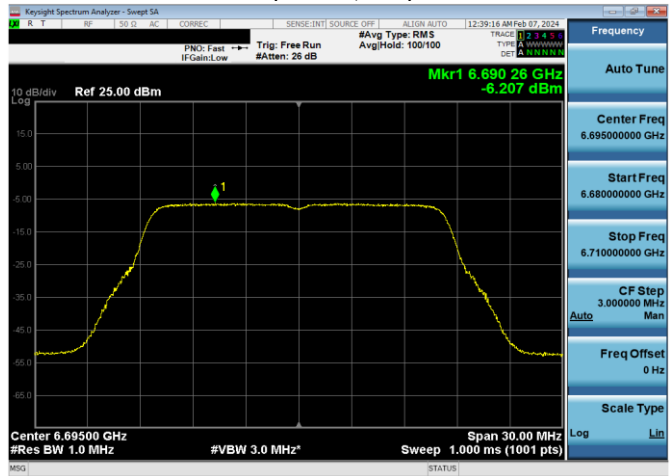
Plot 7-221. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



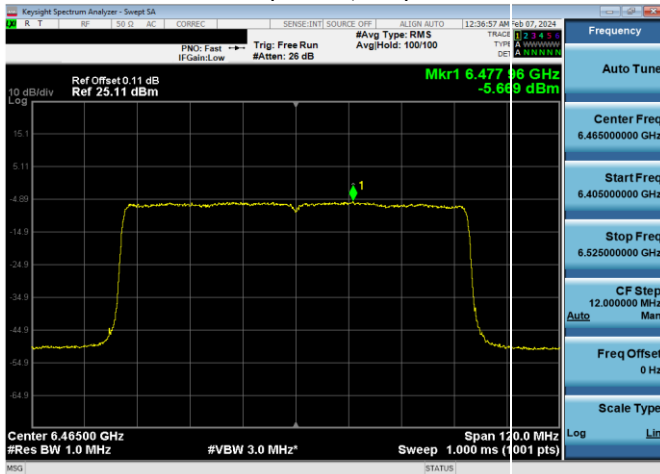
Plot 7-224. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



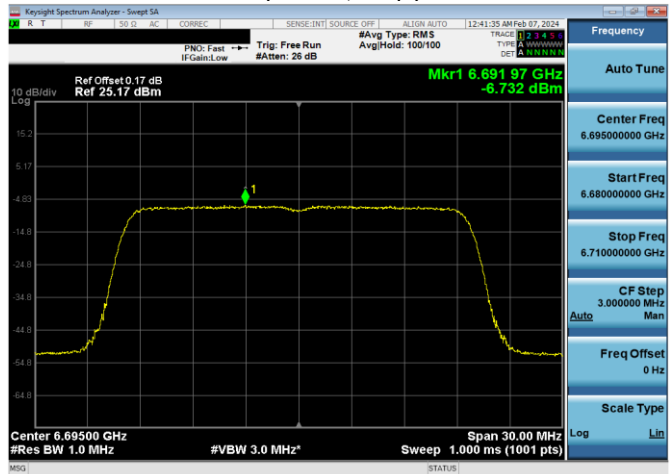
Plot 7-222. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-225. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)

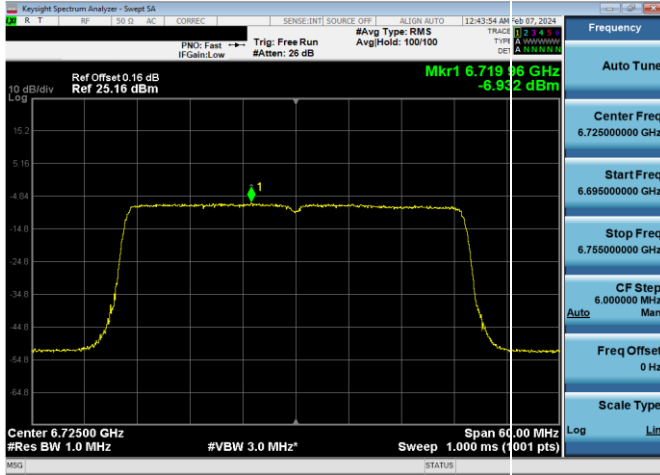


Plot 7-223. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

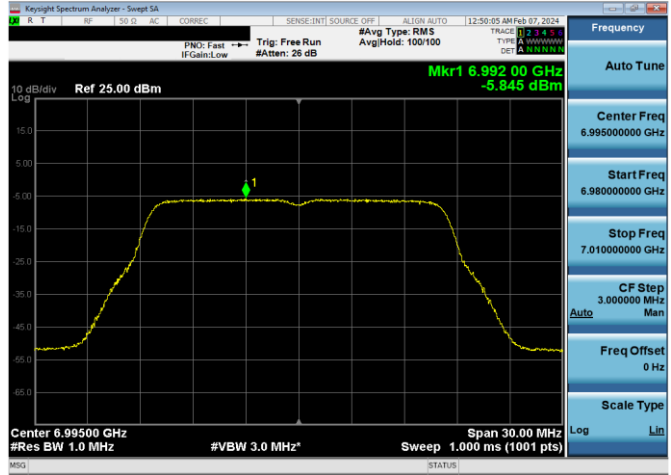


Plot 7-226. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

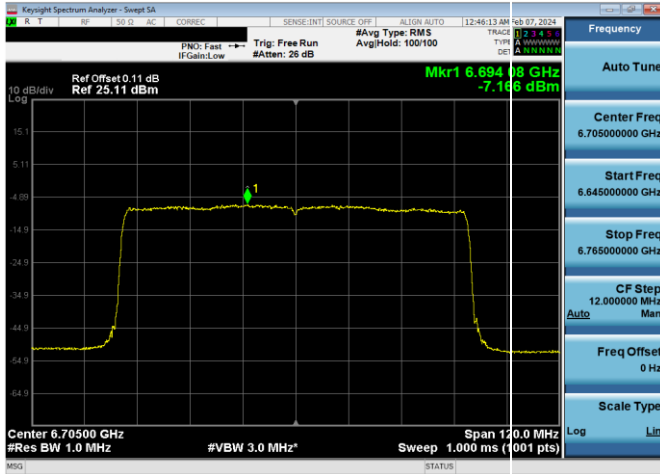
|                                         |                                      |                                       |                                   |
|-----------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024 | EUT Type:<br>Tablet Device            | Page 137 of 567                   |



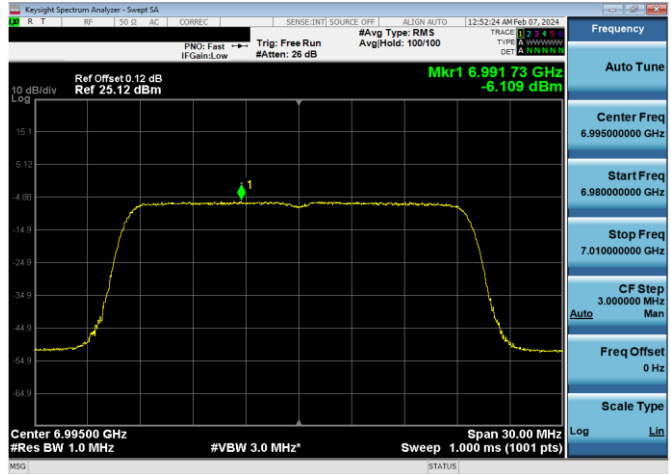
Plot 7-227. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 7) - Ch. 155, MCS2)



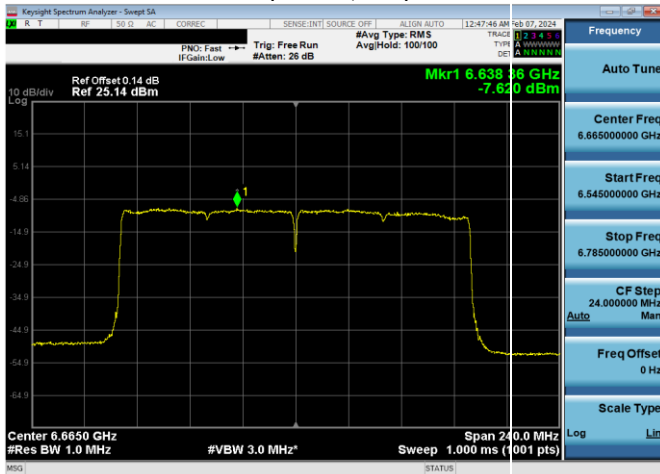
Plot 7-230. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 8) - Ch. 209, 12Mbps)



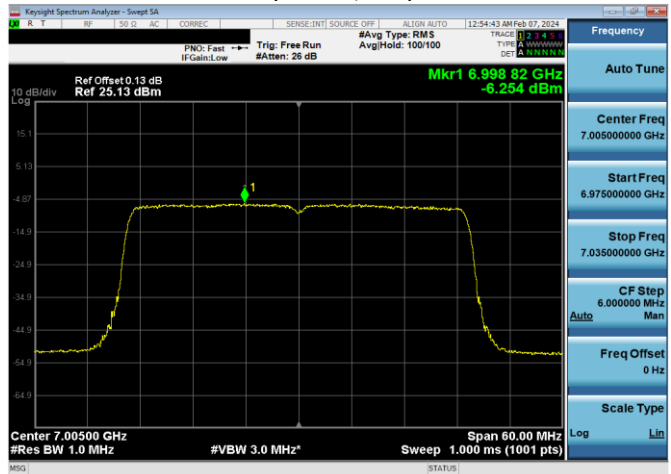
Plot 7-228. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 7) - Ch. 151, MCS2)



Plot 7-231. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 8) - Ch. 209, MCS2)

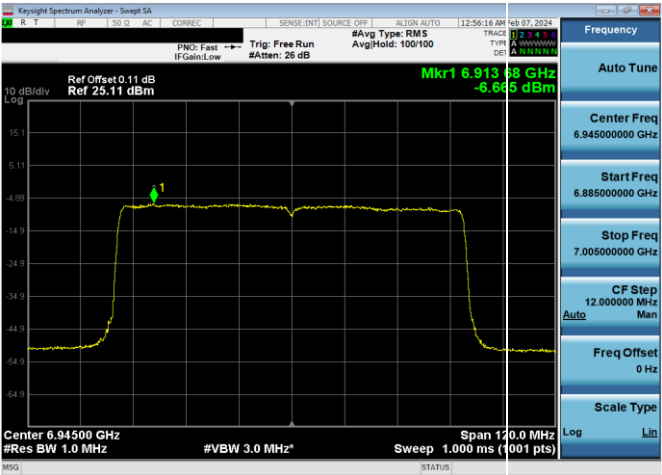


Plot 7-229. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 7) - Ch. 143, MCS2)

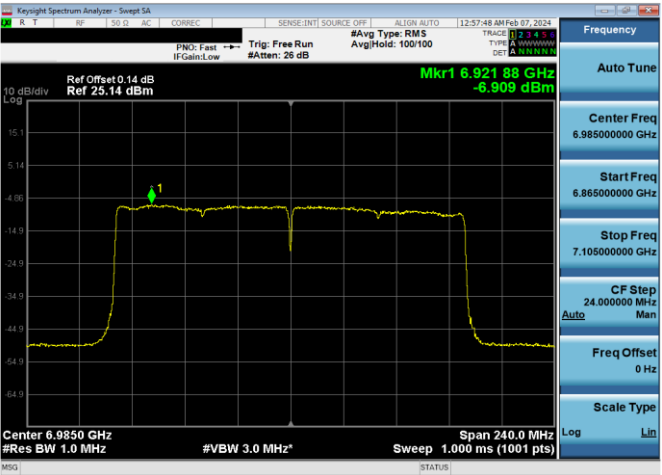


Plot 7-232. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 8) - Ch. 211, MCS2)

|                                         |                                      |                                       |                                   |
|-----------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024 | EUT Type:<br>Tablet Device            | Page 138 of 567                   |



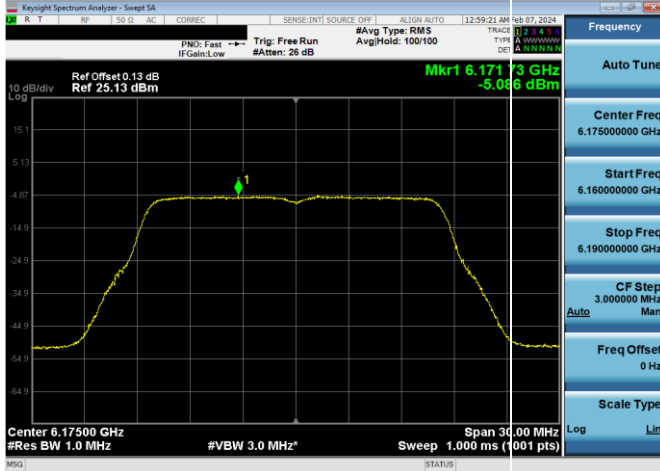
Plot 7-233. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)



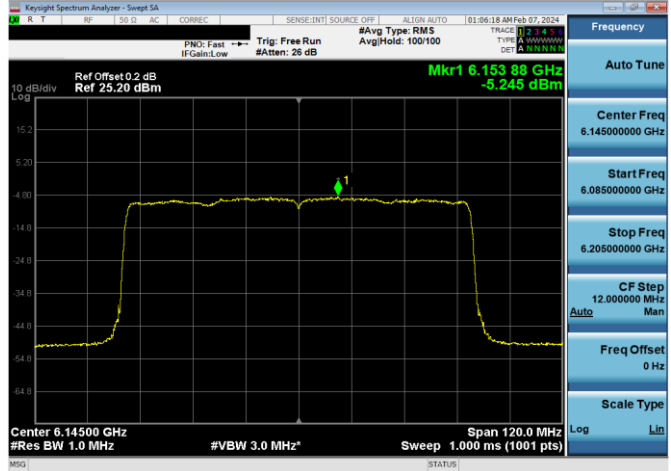
Plot 7-234. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)

|                                         |                                                                                     |                                      |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |  | MEASUREMENT REPORT<br>(CERTIFICAION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024                                                | EUT Type:<br>Tablet Device           | Page 139 of 567                   |

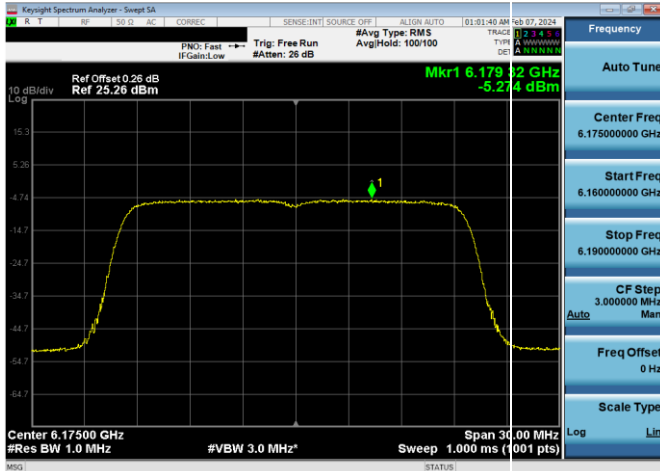
# Mid Data Rate



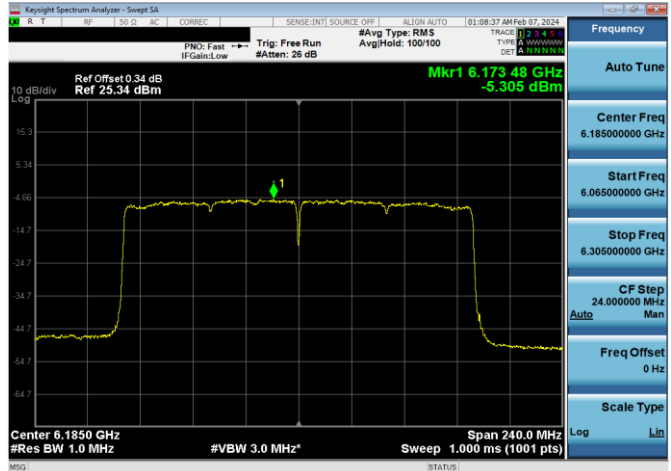
Plot 7-235. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



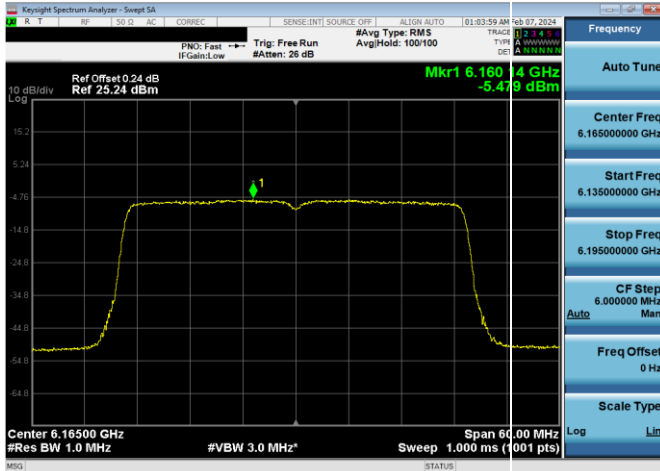
Plot 7-238. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



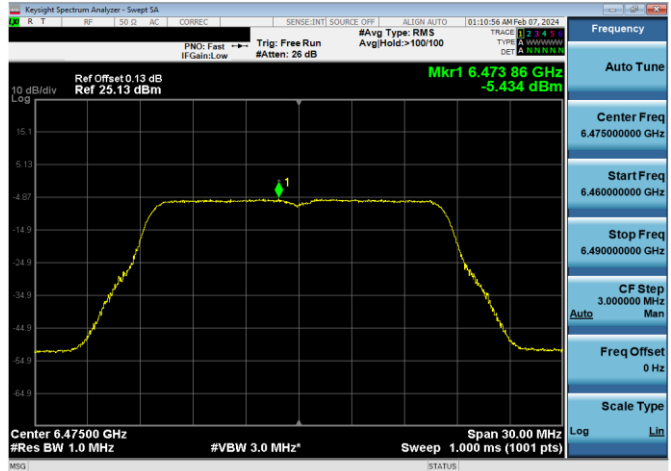
Plot 7-236. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-239. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

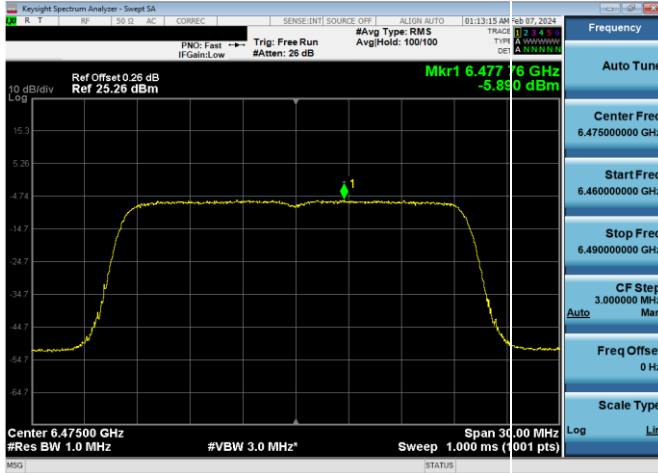


Plot 7-237. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

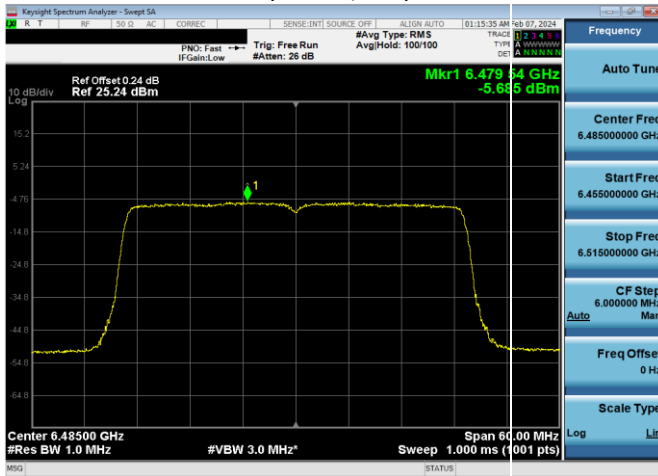


Plot 7-240. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 6) – Ch. 105, 24Mbps)

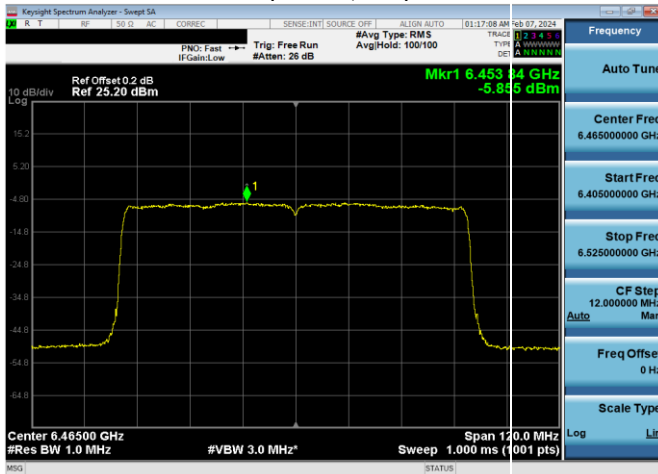
|                                         |                                      |                                      |                                   |
|-----------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |                                      | MEASUREMENT REPORT<br>(CERTIFICAION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024 | EUT Type:<br>Tablet Device           | Page 140 of 567                   |



Plot 7-241. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



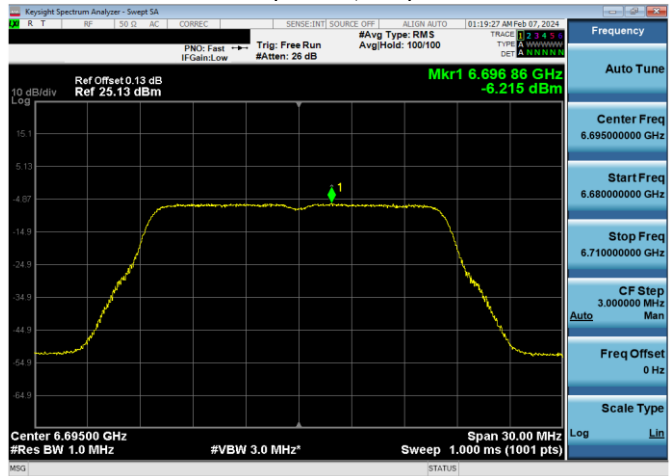
Plot 7-242. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



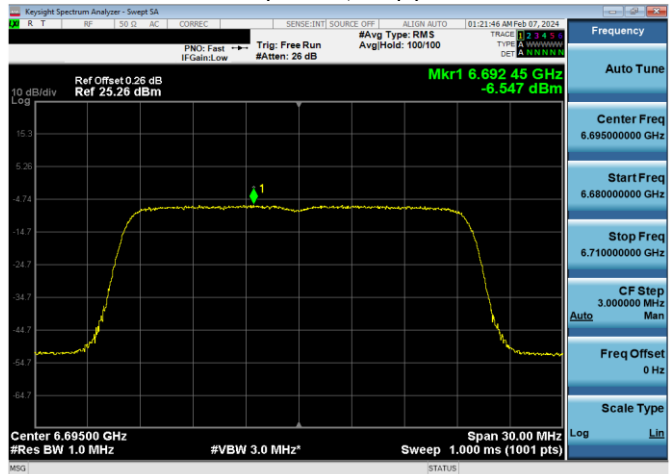
Plot 7-243. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)



Plot 7-244. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)

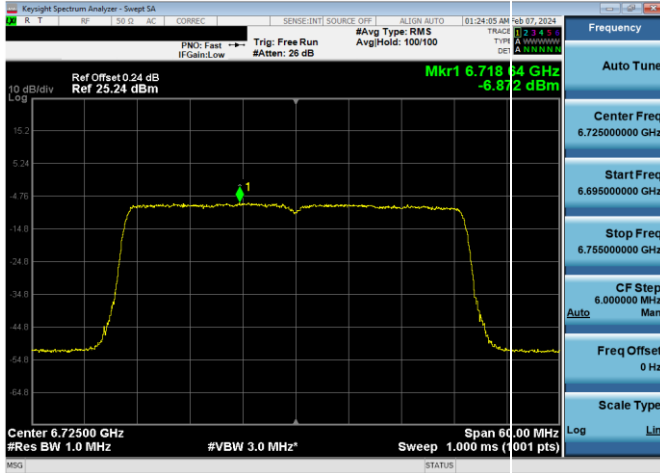


Plot 7-245. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

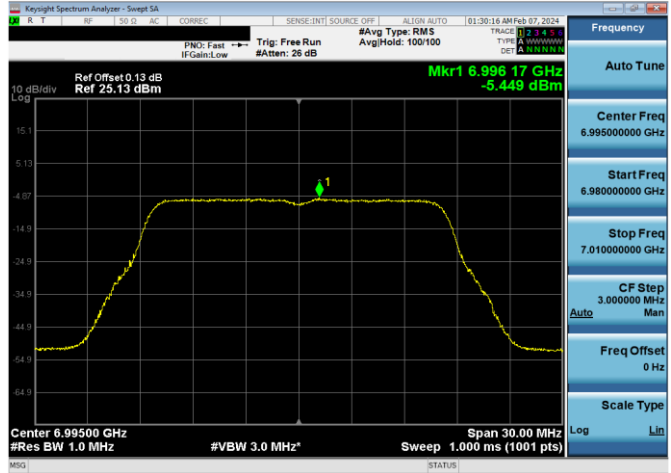


Plot 7-246. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

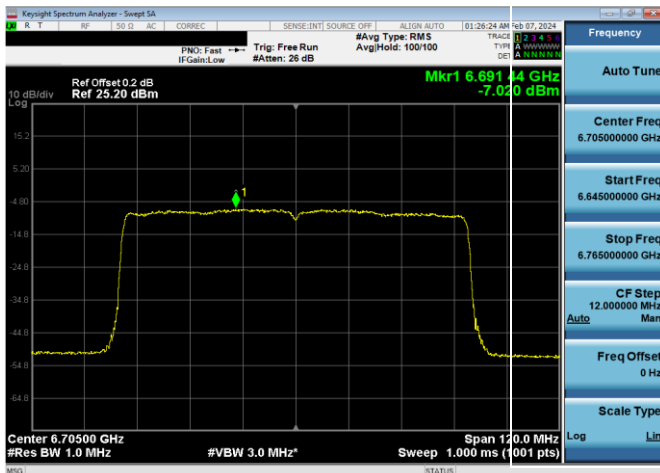
|                                         |                                      |                                       |                                   |
|-----------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024 | EUT Type:<br>Tablet Device            | Page 141 of 567                   |



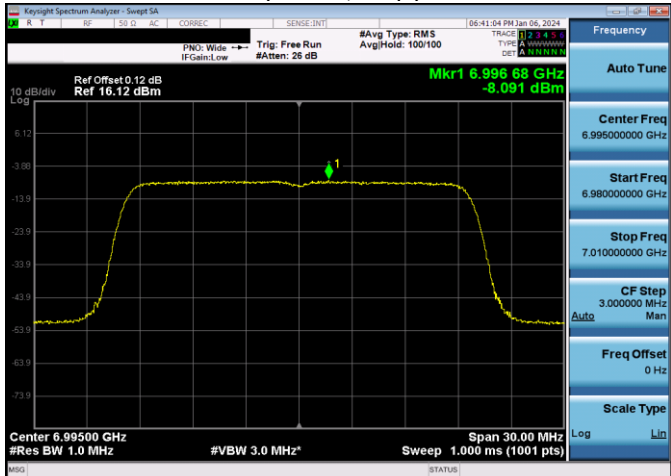
Plot 7-247. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



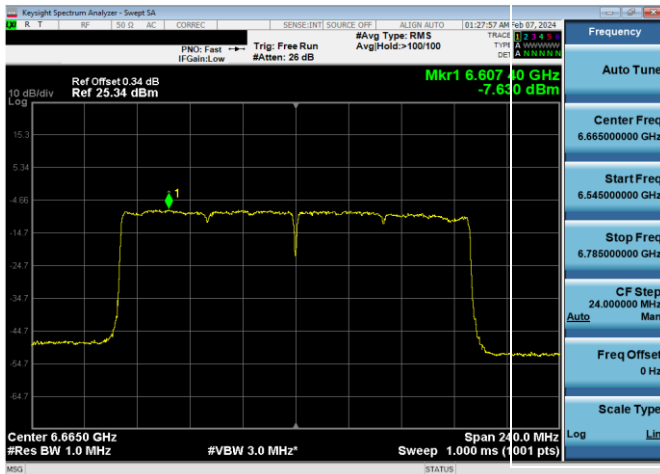
Plot 7-250. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 8) – Ch. 209, 24Mbps)



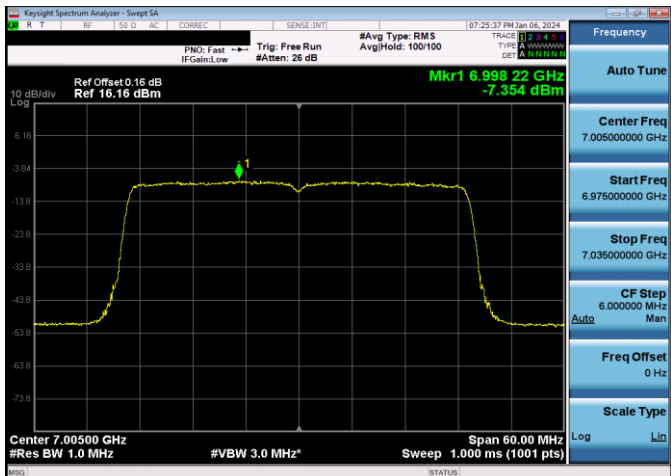
Plot 7-248. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-251. Power Spectral Density Plot LPI Antenna WF8 LPI (160MHz 802.11ax (UNII Band 8) – Ch. 209, MCS4)

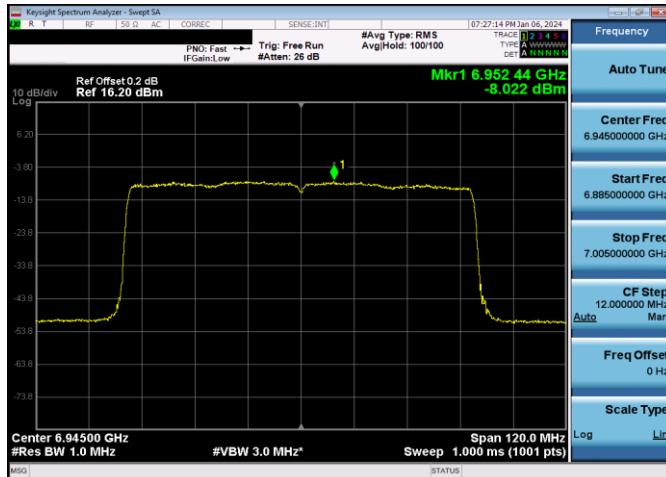


Plot 7-249. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

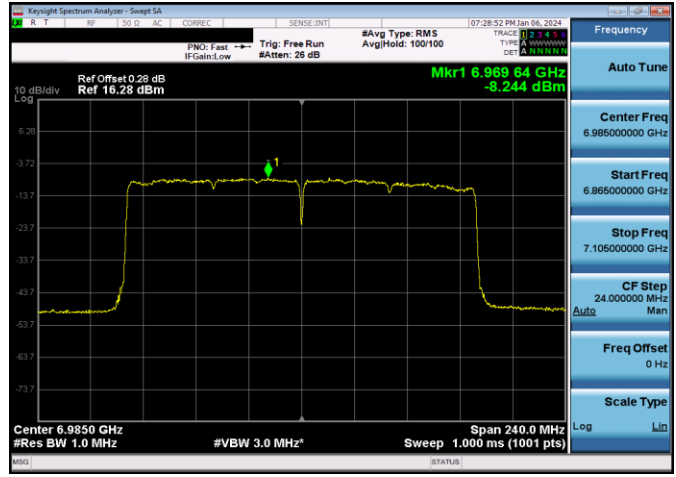


Plot 7-252. Power Spectral Density Plot LPI Antenna WF8 LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS4)

|                                         |                                                                                     |                                      |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |  | MEASUREMENT REPORT<br>(CERTIFICAION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024                                                | EUT Type:<br>Tablet Device           | Page 142 of 567                   |



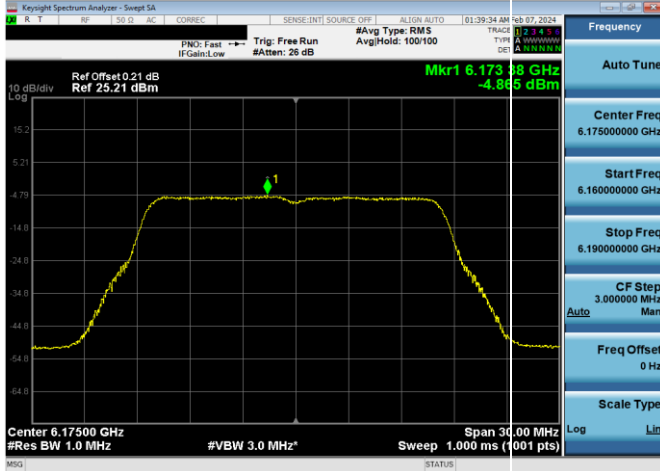
Plot 7-253. Power Spectral Density Plot LPI Antenna WF8 LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS4)



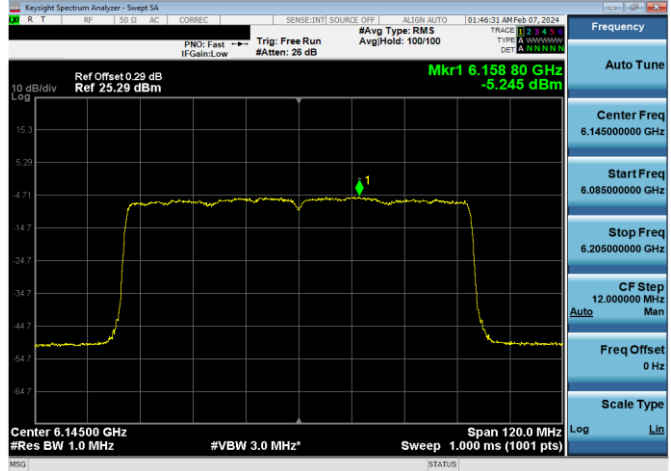
Plot 7-254. Power Spectral Density Plot LPI Antenna WF8 LPI (80MHz 802.11ax (UNII Band 8) – Ch. 207, MCS4)

|                                                |                                                                                                                                 |                                   |                                          |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836             |  <b>MEASUREMENT REPORT</b><br>(CERTIFICAION) |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270087-13 BCG | <b>Test Dates:</b><br>12/06/2023-02/20/2024                                                                                     | <b>EUT Type:</b><br>Tablet Device | Page 143 of 567                          |

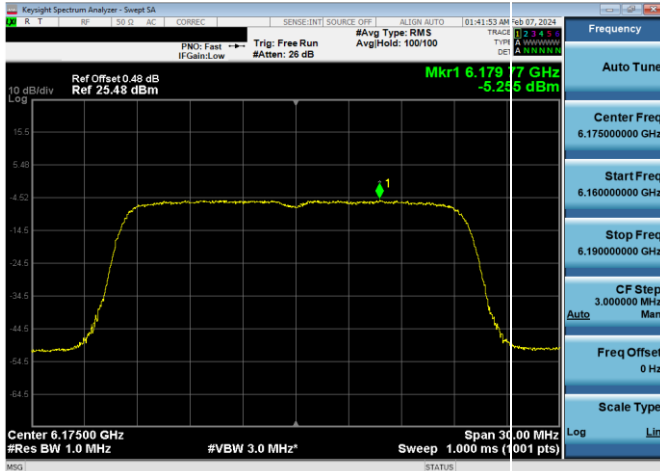
# High Data Rate



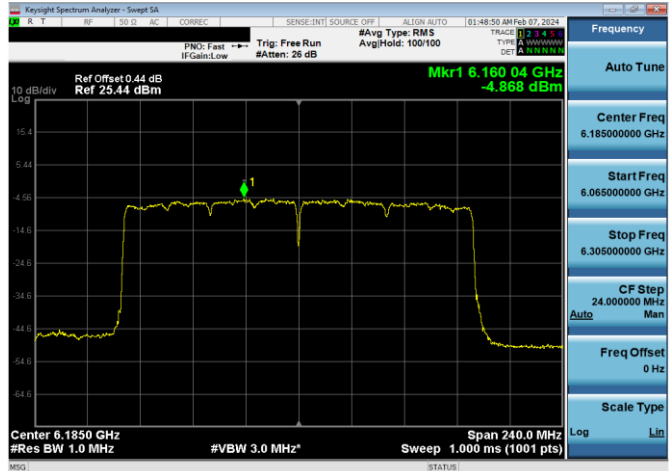
Plot 7-255. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



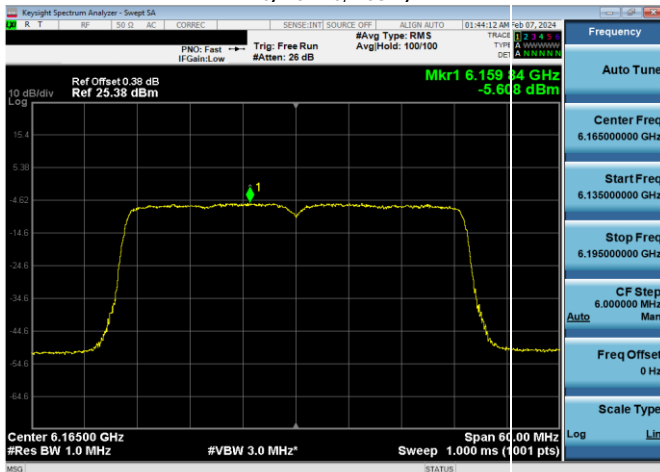
Plot 7-258. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



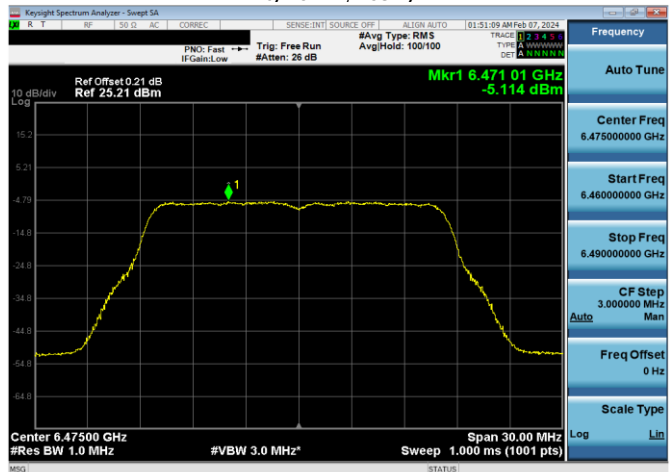
Plot 7-256. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-259. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



Plot 7-257. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)



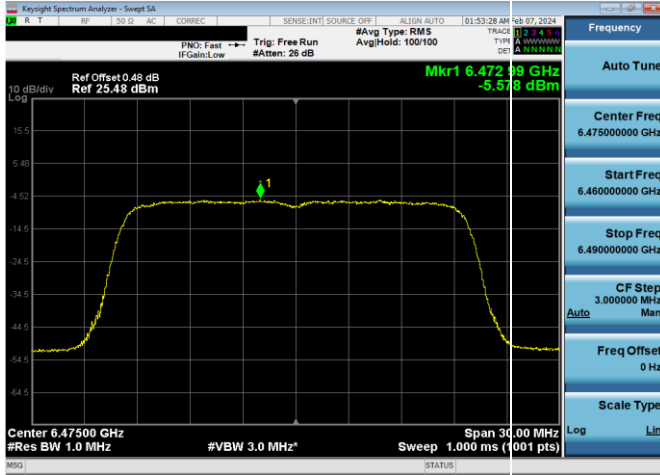
Plot 7-260. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

|                                         |                                      |                                      |                                   |
|-----------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836      |                                      | MEASUREMENT REPORT<br>(CERTIFICAION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270087-13 BCG | Test Dates:<br>12/06/2023-02/20/2024 | EUT Type:<br>Tablet Device           | Page 144 of 567                   |

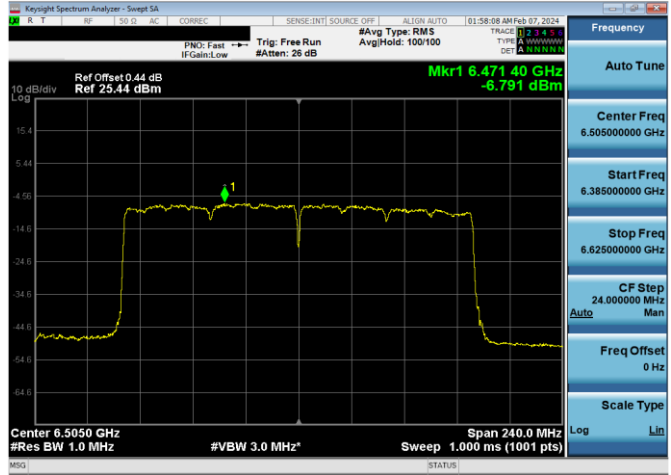
© 2022 ELEMENT

V 10.5 12/15/2021

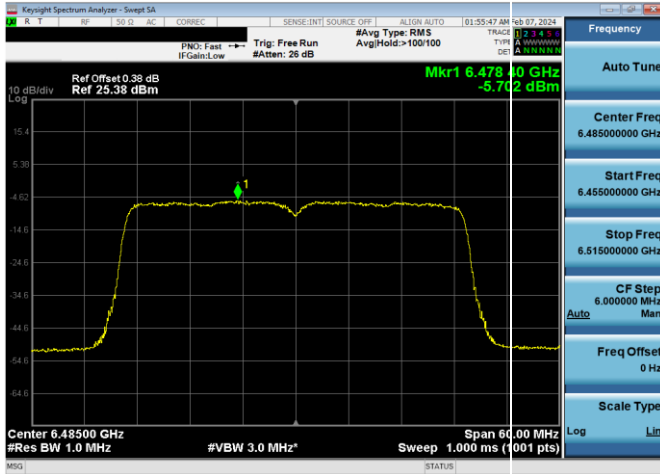
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about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



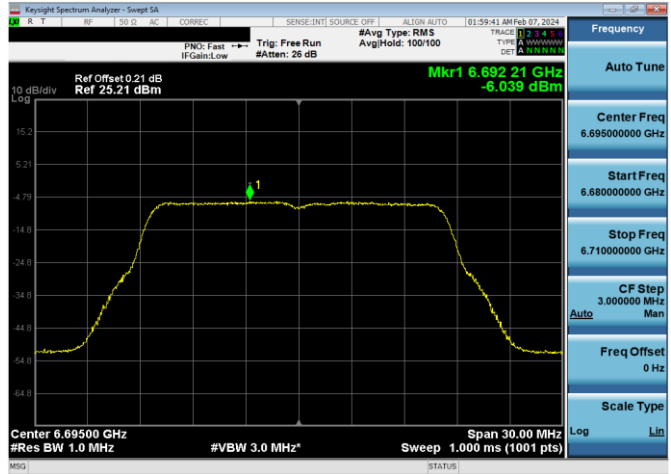
Plot 7-261. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



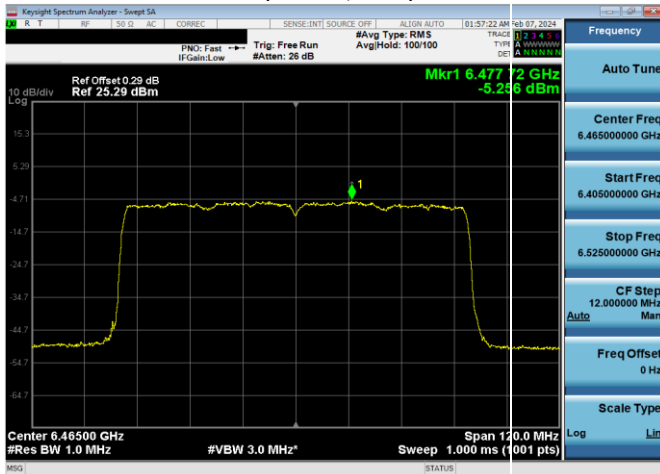
Plot 7-264. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



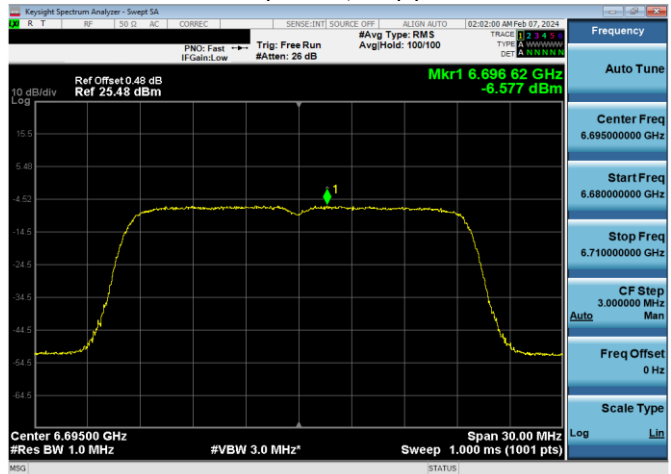
Plot 7-262. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-265. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

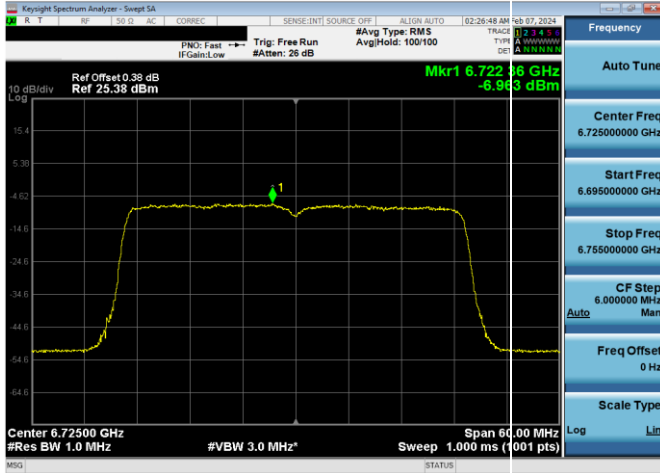


Plot 7-263. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

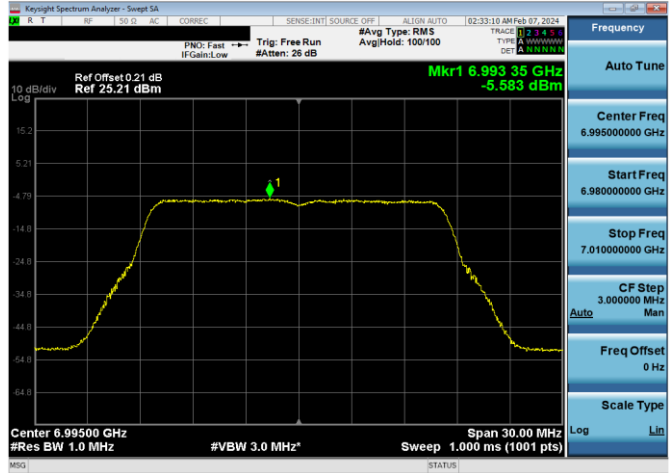


Plot 7-266. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

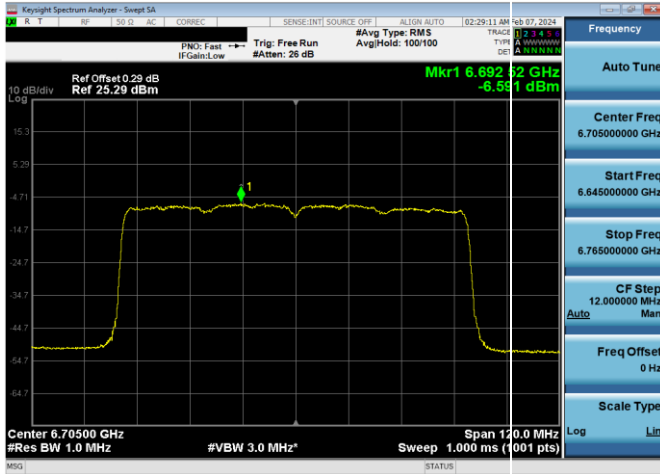
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024 | EUT Type:<br>Tablet Device            | Page 145 of 567                   |



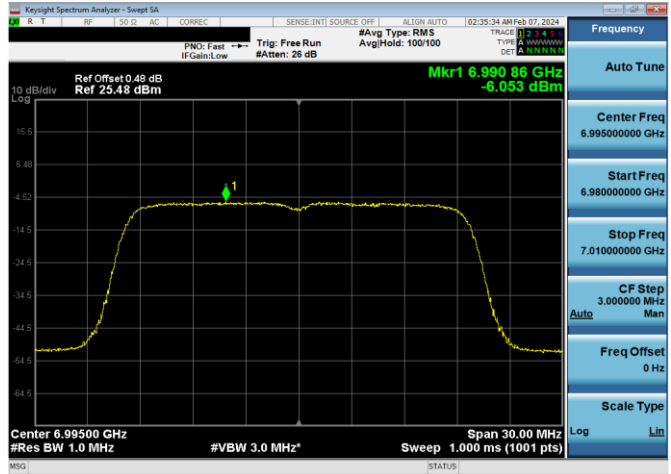
Plot 7-267. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11a (UNII Band 7) – Ch. 155, MCS11)



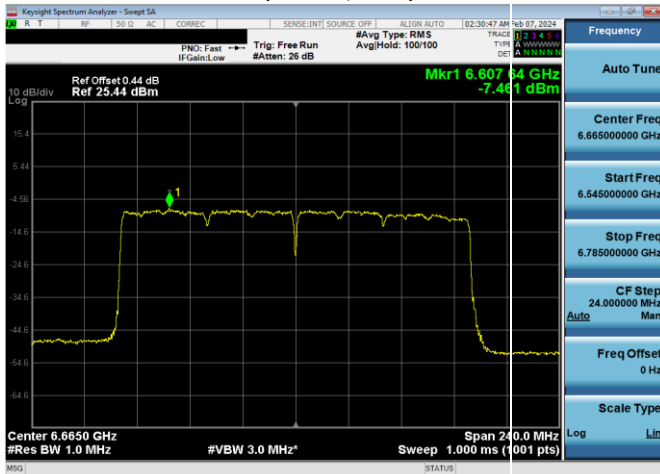
Plot 7-270. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



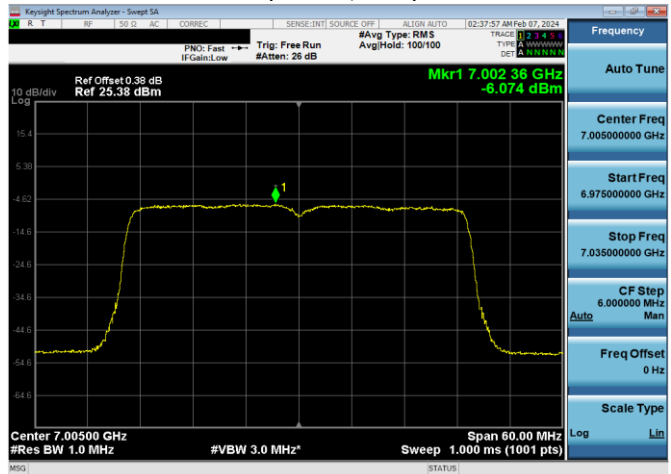
Plot 7-268. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-271. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

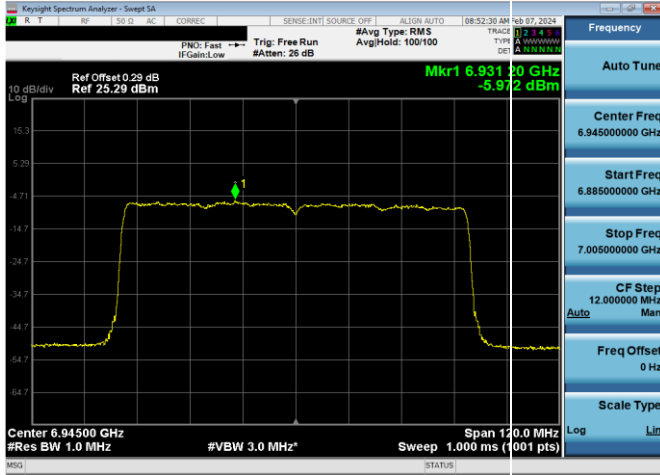


Plot 7-269. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

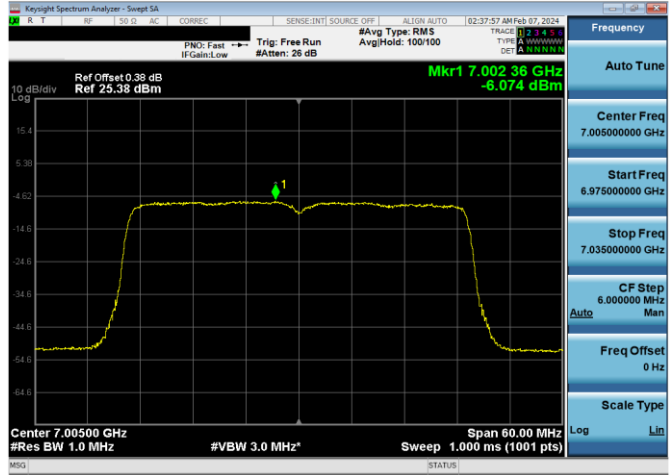


Plot 7-272. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

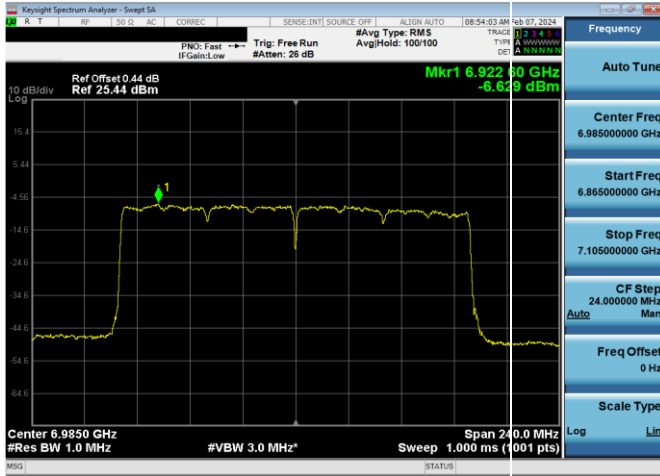
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024 | EUT Type:<br>Tablet Device            | Page 146 of 567                   |



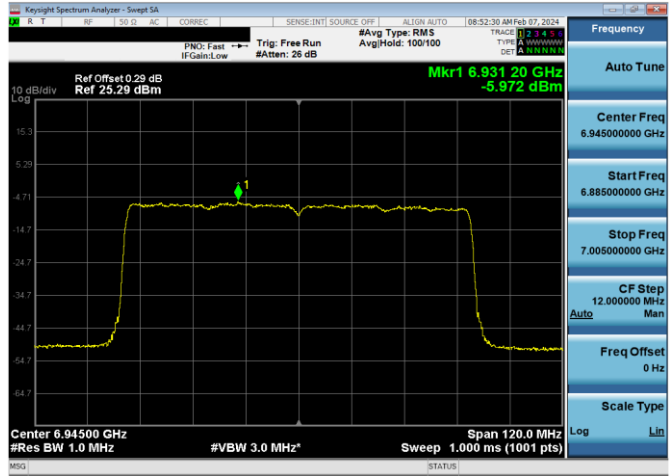
Plot 7-273. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)



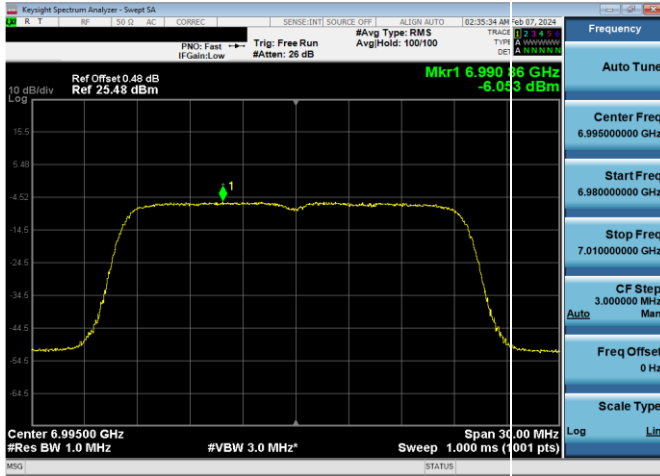
Plot 7-276. Power Spectral Density Plot LPI Antenna WF8 (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)



Plot 7-274. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)



Plot 7-277. Power Spectral Density Plot LPI Antenna WF8 (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)



Plot 7-275. Power Spectral Density Plot LPI Antenna WF8 (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)



Plot 7-278. Power Spectral Density Plot LPI Antenna WF8 (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024 | EUT Type:<br>Tablet Device            | Page 147 of 567                   |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | 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 | 5955            | 1           | a           | 12                 | 5.60                             | 1.10               | 6.70                      | 17                         | -10.30      |
|        | 6175            | 45          | a           | 12                 | 6.07                             | 1.10               | 7.17                      | 17                         | -9.83       |
|        | 6415            | 93          | a           | 12                 | 5.83                             | 1.10               | 6.93                      | 17                         | -10.07      |
|        | 5955            | 1           | ax (20MHz)  | 24/25.8 (MCS2)     | 5.62                             | 1.70               | 7.32                      | 17                         | -9.68       |
|        | 6175            | 45          | ax (20MHz)  | 24/25.8 (MCS2)     | 5.68                             | 1.70               | 7.38                      | 17                         | -9.62       |
|        | 6415            | 93          | ax (20MHz)  | 24/25.8 (MCS2)     | 5.87                             | 1.70               | 7.57                      | 17                         | -9.43       |
|        | 5965            | 3           | ax (40MHz)  | 49/51.6 (MCS2)     | 2.58                             | 1.70               | 4.28                      | 17                         | -12.73      |
|        | 6165            | 43          | ax (40MHz)  | 49/51.6 (MCS2)     | 2.81                             | 1.70               | 4.51                      | 17                         | -12.49      |
|        | 6405            | 91          | ax (40MHz)  | 49/51.6 (MCS2)     | 2.82                             | 1.70               | 4.52                      | 17                         | -12.48      |
|        | 5985            | 7           | ax (80MHz)  | 102/108.1 (MCS2)   | -0.24                            | 1.70               | 1.46                      | 17                         | -15.54      |
|        | 6145            | 39          | ax (80MHz)  | 102/108.1 (MCS2)   | 0.21                             | 1.70               | 1.91                      | 17                         | -15.09      |
|        | 6385            | 87          | ax (80MHz)  | 102/108.1 (MCS2)   | 0.06                             | 1.70               | 1.76                      | 17                         | -15.24      |
|        | 6025            | 15          | ax (160MHz) | 183.8/216.2 (MCS2) | -3.20                            | 1.70               | -1.50                     | 17                         | -18.50      |
|        | 6181            | 47          | ax (160MHz) | 183.8/216.2 (MCS2) | -2.69                            | 1.70               | -0.99                     | 17                         | -17.99      |
| Band 7 | 6345            | 79          | ax (160MHz) | 183.8/216.2 (MCS2) | -3.40                            | 1.70               | -1.70                     | 17                         | -18.70      |
|        | 6535            | 117         | a           | 12                 | 5.44                             | 1.40               | 6.84                      | 17                         | -10.16      |
|        | 6695            | 149         | a           | 12                 | 5.76                             | 1.40               | 7.16                      | 17                         | -9.84       |
|        | 6875            | 181         | a           | 12                 | 5.38                             | 1.40               | 6.78                      | 17                         | -10.22      |
|        | 6535            | 117         | ax (20MHz)  | 24/25.8 (MCS2)     | 5.14                             | 1.40               | 6.54                      | 17                         | -10.46      |
|        | 6695            | 149         | ax (20MHz)  | 24/25.8 (MCS2)     | 5.66                             | 1.40               | 7.06                      | 17                         | -9.94       |
|        | 6875            | 181         | ax (20MHz)  | 24/25.8 (MCS2)     | 5.16                             | 1.40               | 6.56                      | 17                         | -10.44      |
|        | 6565            | 123         | ax (40MHz)  | 49/51.6 (MCS2)     | 2.37                             | 1.40               | 3.77                      | 17                         | -13.23      |
|        | 6725            | 155         | ax (40MHz)  | 49/51.6 (MCS2)     | 2.58                             | 1.40               | 3.98                      | 17                         | -13.02      |
|        | 6845            | 179         | ax (40MHz)  | 49/51.6 (MCS2)     | 2.26                             | 1.40               | 3.66                      | 17                         | -13.34      |
|        | 6545            | 135         | ax (80MHz)  | 102/108.1 (MCS2)   | -0.27                            | 1.40               | 1.13                      | 17                         | -15.87      |
|        | 6705            | 151         | ax (80MHz)  | 102/108.1 (MCS2)   | -0.70                            | 1.40               | 0.70                      | 17                         | -16.30      |
|        | 6865            | 167         | ax (80MHz)  | 102/108.1 (MCS2)   | -0.20                            | 1.40               | 1.20                      | 17                         | -15.80      |
|        | 6665            | 143         | ax (160MHz) | 183.8/216.2 (MCS2) | -4.04                            | 1.40               | -2.64                     | 17                         | -19.64      |

**Table 7-140. Power Spectral Density Measurements Antenna WF8 Standard Power (Low Data Rate)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024                                                                                              | EUT Type:<br>Tablet Device | Page 148 of 567                   |

V 10.5 12/15/2021

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Data Rate [MHz]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|--------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5955            | 1           | a           | 24                 | 5.67                             | 1.10               | 6.77                      | 17                         | -10.23      |
|        | 6175            | 45          | a           | 24                 | 6.13                             | 1.10               | 7.23                      | 17                         | -9.77       |
|        | 6415            | 93          | a           | 24                 | 6.22                             | 1.10               | 7.32                      | 17                         | -9.68       |
|        | 5955            | 1           | ax (20MHz)  | 49/51.6 (MCS4)     | 5.56                             | 1.70               | 7.26                      | 17                         | -9.75       |
|        | 6175            | 45          | ax (20MHz)  | 49/51.6 (MCS4)     | 5.74                             | 1.70               | 7.44                      | 17                         | -9.56       |
|        | 6415            | 93          | ax (20MHz)  | 49/51.6 (MCS4)     | 5.69                             | 1.70               | 7.39                      | 17                         | -9.61       |
|        | 5965            | 3           | ax (40MHz)  | 98/103.2 (MCS4)    | 2.54                             | 1.70               | 4.24                      | 17                         | -12.76      |
|        | 6165            | 43          | ax (40MHz)  | 98/103.2 (MCS4)    | 2.94                             | 1.70               | 4.64                      | 17                         | -12.36      |
|        | 6405            | 91          | ax (40MHz)  | 98/103.2 (MCS4)    | 2.89                             | 1.70               | 4.59                      | 17                         | -12.41      |
|        | 5985            | 7           | ax (80MHz)  | 204/216.2 (MCS4)   | 0.06                             | 1.70               | 1.76                      | 17                         | -15.24      |
|        | 6145            | 39          | ax (80MHz)  | 204/216.2 (MCS4)   | 0.03                             | 1.70               | 1.73                      | 17                         | -15.27      |
|        | 6385            | 87          | ax (80MHz)  | 204/216.2 (MCS4)   | 0.09                             | 1.70               | 1.79                      | 17                         | -15.21      |
|        | 6025            | 15          | ax (160MHz) | 367.5/432.4 (MCS4) | -3.17                            | 1.70               | -1.47                     | 17                         | -18.47      |
|        | 6181            | 47          | ax (160MHz) | 367.5/432.4 (MCS4) | -2.84                            | 1.70               | -1.14                     | 17                         | -18.14      |
| Band 7 | 6345            | 79          | ax (160MHz) | 367.5/432.4 (MCS4) | -3.23                            | 1.70               | -1.53                     | 17                         | -18.53      |
|        | 6535            | 117         | a           | 24                 | 5.57                             | 1.40               | 6.97                      | 17                         | -10.03      |
|        | 6695            | 149         | a           | 24                 | 6.01                             | 1.40               | 7.41                      | 17                         | -9.59       |
|        | 6875            | 181         | a           | 24                 | 5.47                             | 1.40               | 6.87                      | 17                         | -10.13      |
|        | 6535            | 117         | ax (20MHz)  | 49/51.6 (MCS4)     | 6.22                             | 1.40               | 7.32                      | 17                         | -9.68       |
|        | 6695            | 149         | ax (20MHz)  | 49/51.6 (MCS4)     | 5.62                             | 1.40               | 7.02                      | 17                         | -9.98       |
|        | 6875            | 181         | ax (20MHz)  | 49/51.6 (MCS4)     | 6.01                             | 1.40               | 7.41                      | 17                         | -9.59       |
|        | 6565            | 123         | ax (40MHz)  | 98/103.2 (MCS4)    | 2.34                             | 1.40               | 3.74                      | 17                         | -13.26      |
|        | 6725            | 155         | ax (40MHz)  | 98/103.2 (MCS4)    | 2.71                             | 1.40               | 4.11                      | 17                         | -12.89      |
|        | 6845            | 179         | ax (40MHz)  | 98/103.2 (MCS4)    | 2.52                             | 1.40               | 3.92                      | 17                         | -13.08      |
|        | 6545            | 135         | ax (80MHz)  | 204/216.2 (MCS4)   | -0.26                            | 1.40               | 1.15                      | 17                         | -15.86      |
|        | 6705            | 151         | ax (80MHz)  | 204/216.2 (MCS4)   | -0.35                            | 1.40               | 1.05                      | 17                         | -15.95      |
|        | 6865            | 167         | ax (80MHz)  | 204/216.2 (MCS4)   | -0.38                            | 1.40               | 1.02                      | 17                         | -15.98      |
|        | 6665            | 143         | ax (160MHz) | 367.5/432.4 (MCS4) | -3.80                            | 1.40               | -2.40                     | 17                         | -19.40      |

**Table 7-141. Power Spectral Density Measurements Antenna WF8 Standard Power (Mid Data Rate)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024                                                                                              | EUT Type:<br>Tablet Device | Page 149 of 567                   |

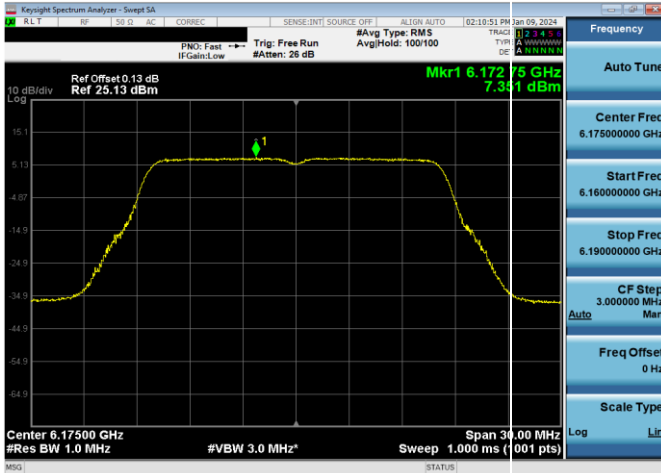
V 10.5 12/15/2021

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Data Rate [MHz]     | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5955            | 1           | a           | 54                  | 5.74                             | 1.10               | 6.84                      | 17                         | -10.16      |
|        | 6175            | 45          | a           | 54                  | 6.33                             | 1.10               | 7.43                      | 17                         | -9.57       |
|        | 6415            | 93          | a           | 54                  | 6.30                             | 1.10               | 7.40                      | 17                         | -9.60       |
|        | 5955            | 1           | ax (20MHz)  | 135/143.4 (MCS11)   | 5.49                             | 1.70               | 7.19                      | 17                         | -9.81       |
|        | 6175            | 45          | ax (20MHz)  | 135/143.4 (MCS11)   | 5.81                             | 1.70               | 7.51                      | 17                         | -9.49       |
|        | 6415            | 93          | ax (20MHz)  | 135/143.4 (MCS11)   | 6.05                             | 1.70               | 7.75                      | 17                         | -9.25       |
|        | 5965            | 3           | ax (40MHz)  | 271/286.8 (MCS11)   | 2.67                             | 1.70               | 4.37                      | 17                         | -12.63      |
|        | 6165            | 43          | ax (40MHz)  | 271/286.8 (MCS11)   | 2.75                             | 1.70               | 4.45                      | 17                         | -12.55      |
|        | 6405            | 91          | ax (40MHz)  | 271/286.8 (MCS11)   | 3.02                             | 1.70               | 4.72                      | 17                         | -12.29      |
|        | 5985            | 7           | ax (80MHz)  | 567/600.5 (MCS11)   | -0.25                            | 1.70               | 1.45                      | 17                         | -15.55      |
|        | 6145            | 39          | ax (80MHz)  | 567/600.5 (MCS11)   | -0.48                            | 1.70               | 1.22                      | 17                         | -15.78      |
|        | 6385            | 87          | ax (80MHz)  | 567/600.5 (MCS11)   | 0.07                             | 1.70               | 1.77                      | 17                         | -15.23      |
|        | 6025            | 15          | ax (160MHz) | 1020.8/1201 (MCS11) | -3.35                            | 1.70               | -1.65                     | 17                         | -18.65      |
|        | 6181            | 47          | ax (160MHz) | 1020.8/1201 (MCS11) | -2.67                            | 1.70               | -0.97                     | 17                         | -17.97      |
| Band 7 | 6345            | 79          | ax (160MHz) | 1020.8/1201 (MCS11) | -3.23                            | 1.70               | -1.53                     | 17                         | -18.53      |
|        | 6535            | 117         | a           | 54                  | 5.59                             | 1.40               | 6.99                      | 17                         | -10.02      |
|        | 6695            | 149         | a           | 54                  | 6.05                             | 1.40               | 7.45                      | 17                         | -9.55       |
|        | 6875            | 181         | a           | 54                  | 5.70                             | 1.40               | 7.10                      | 17                         | -9.90       |
|        | 6535            | 117         | ax (20MHz)  | 135/143.4 (MCS11)   | 5.41                             | 1.40               | 6.81                      | 17                         | -10.19      |
|        | 6695            | 149         | ax (20MHz)  | 135/143.4 (MCS11)   | 5.73                             | 1.40               | 7.13                      | 17                         | -9.88       |
|        | 6875            | 181         | ax (20MHz)  | 135/143.4 (MCS11)   | 5.43                             | 1.40               | 6.83                      | 17                         | -10.18      |
|        | 6565            | 123         | ax (40MHz)  | 271/286.8 (MCS11)   | 2.47                             | 1.40               | 3.87                      | 17                         | -13.13      |
|        | 6725            | 155         | ax (40MHz)  | 271/286.8 (MCS11)   | 2.69                             | 1.40               | 4.09                      | 17                         | -12.91      |
|        | 6845            | 179         | ax (40MHz)  | 271/286.8 (MCS11)   | 2.56                             | 1.40               | 3.96                      | 17                         | -13.05      |
|        | 6545            | 135         | ax (80MHz)  | 567/600.5 (MCS11)   | -0.33                            | 1.40               | 1.07                      | 17                         | -15.93      |
|        | 6705            | 151         | ax (80MHz)  | 567/600.5 (MCS11)   | -0.66                            | 1.40               | 0.74                      | 17                         | -16.26      |
|        | 6865            | 167         | ax (80MHz)  | 567/600.5 (MCS11)   | -0.59                            | 1.40               | 0.81                      | 17                         | -16.19      |
|        | 6665            | 143         | ax (160MHz) | 1020.8/1201 (MCS11) | -4.17                            | 1.40               | -2.77                     | 17                         | -19.77      |

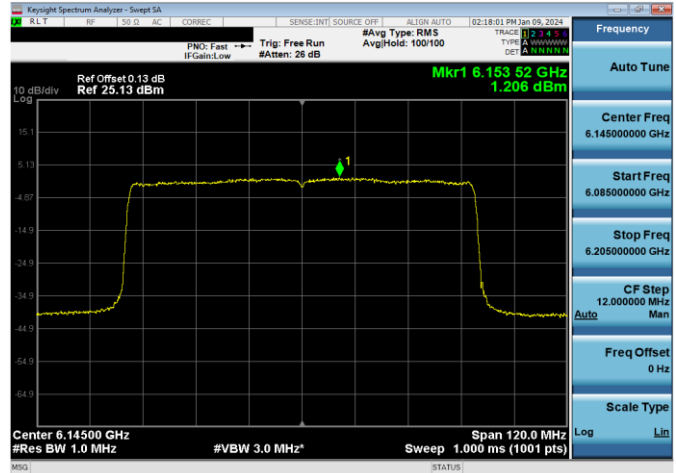
**Table 7-142. Power Spectral Density Measurements Antenna WF8 Standard Power (High Data Rate)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024                                                                                              | EUT Type:<br>Tablet Device | Page 150 of 567                   |

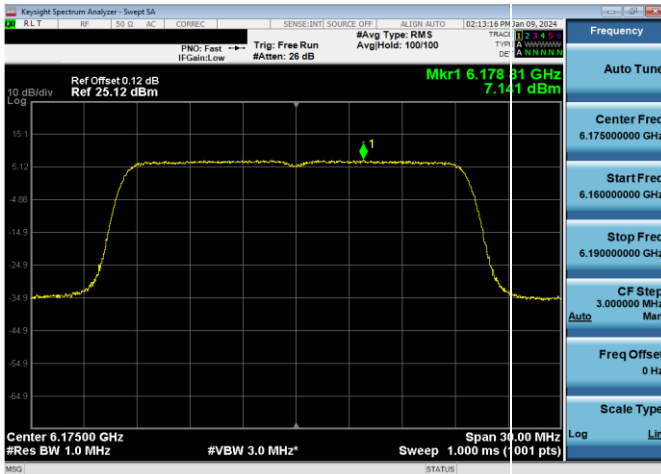
## Low Data Rate



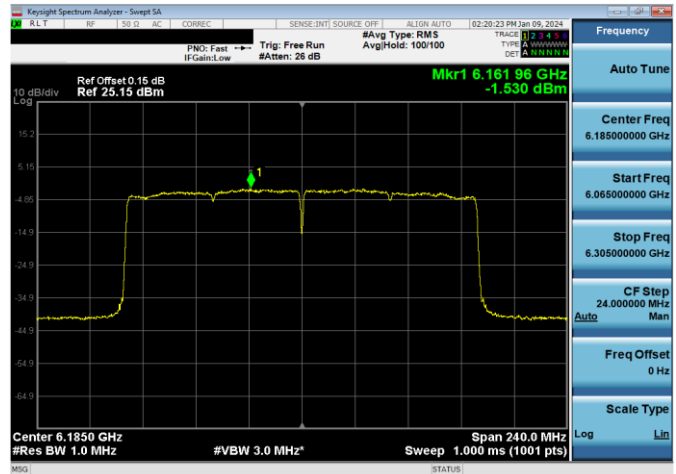
Plot 7-279. Power Spectral Density Plot Antenna WF8 Standard Power (20MHz 802.11a (UNII Band 5) - Ch. 45, 12Mbps)



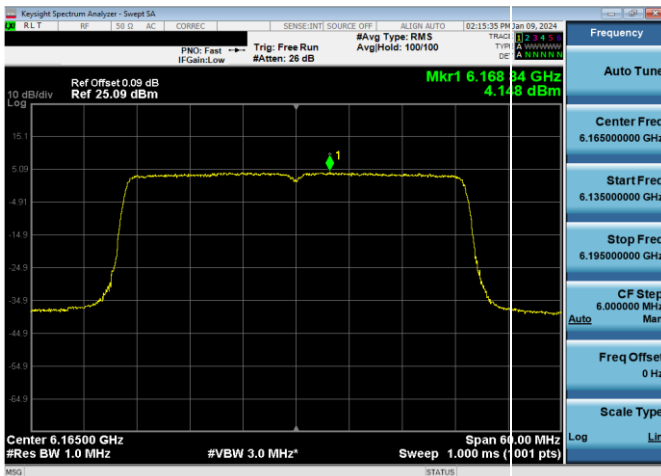
Plot 7-282. Power Spectral Density Plot Antenna WF8 Standard Power (80MHz 802.11ax (UNII Band 5) - Ch. 39, MCS2)



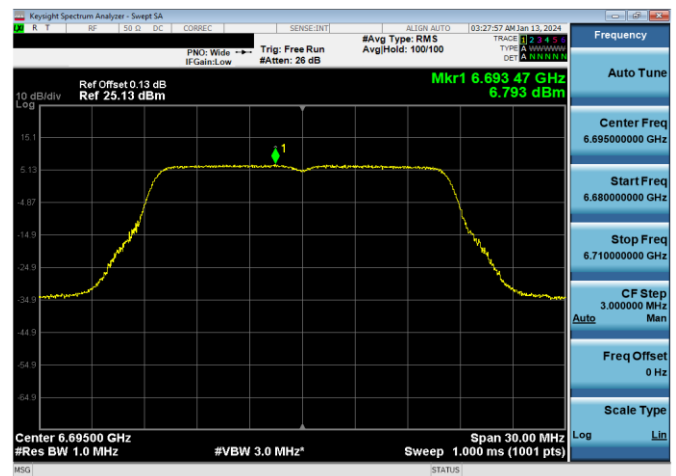
Plot 7-280. Power Spectral Density Plot Antenna WF8 Standard Power (20MHz 802.11ax (UNII Band 5) - Ch. 45, MCS2)



Plot 7-283. Power Spectral Density Plot Antenna WF8 Standard Power (160MHz 802.11ax (UNII Band 5) - Ch. 47, MCS2)

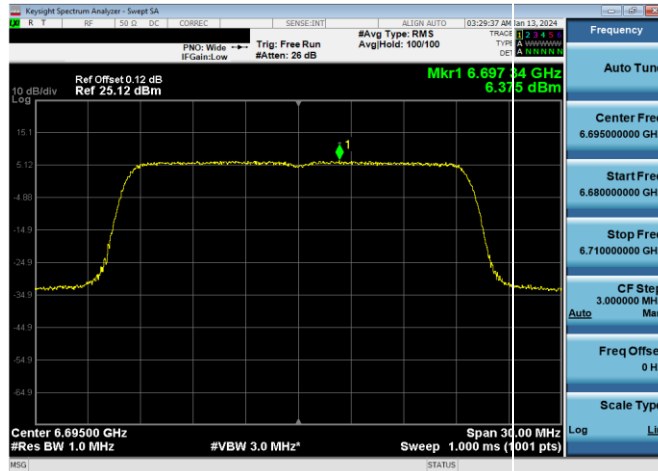


Plot 7-281. Power Spectral Density Plot Antenna WF8 Standard Power (40MHz 802.11ax (UNII Band 5) - Ch. 43, MCS2)

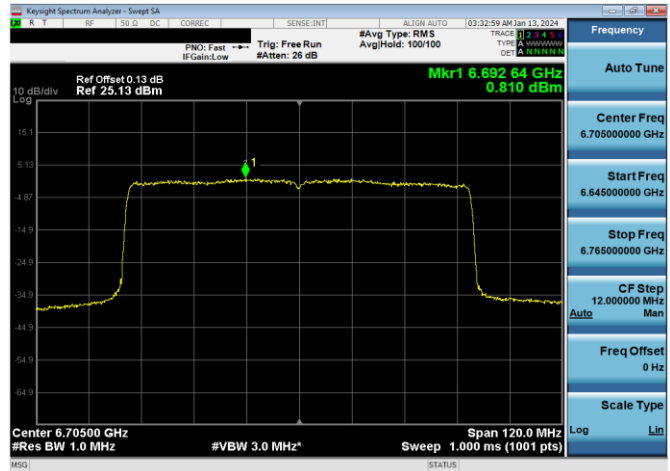


Plot 7-284. Power Spectral Density Plot Antenna WF8 Standard Power (20MHz 802.11a (UNII Band 7) - Ch. 149, 12Mbps)

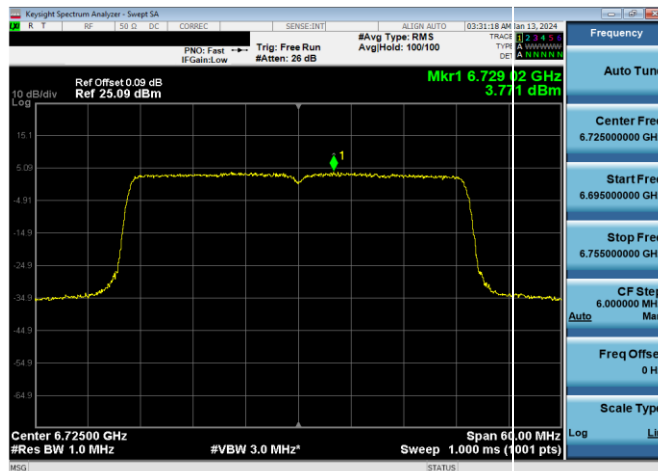
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024 | EUT Type:<br>Tablet Device            | Page 151 of 567                   |



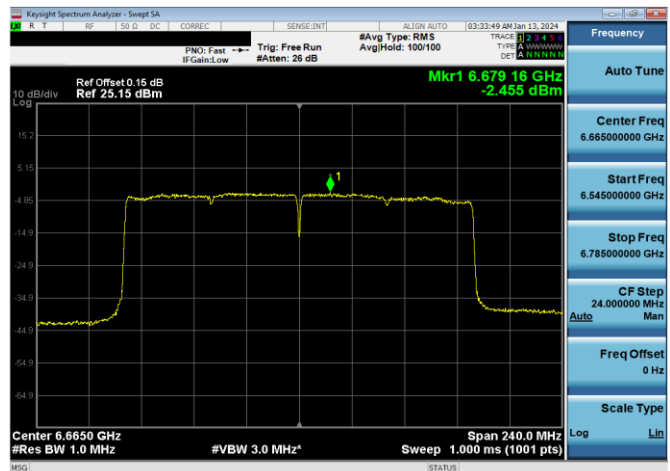
Plot 7-285. Power Spectral Density Plot Antenna WF8 Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)



Plot 7-287. Power Spectral Density Plot Antenna WF8 Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-286. Power Spectral Density Plot Antenna WF8 Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



Plot 7-288. Power Spectral Density Plot Antenna WF8 Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836<br>IC: 579C-A2836         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270067-13-R1.BCG | Test Dates:<br>1/8/2024 - 04/05/2024 | EUT Type:<br>Tablet Device            | Page 152 of 567                   |