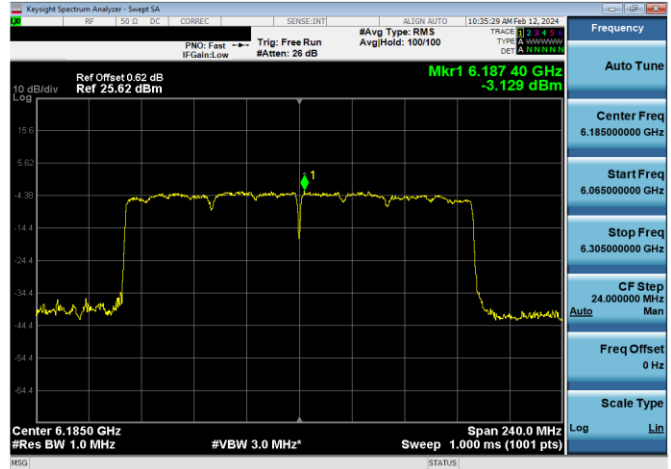
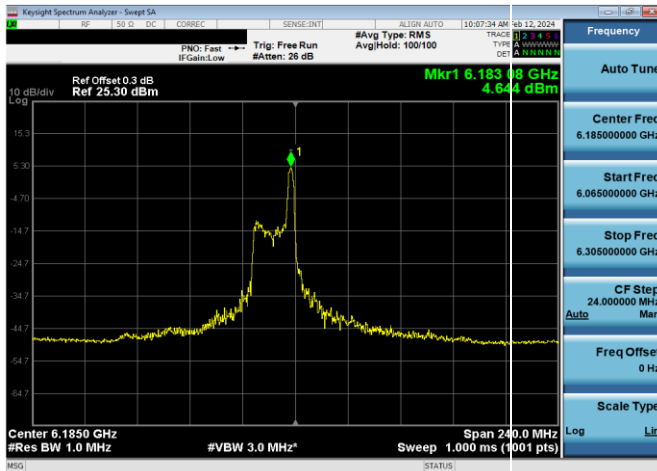


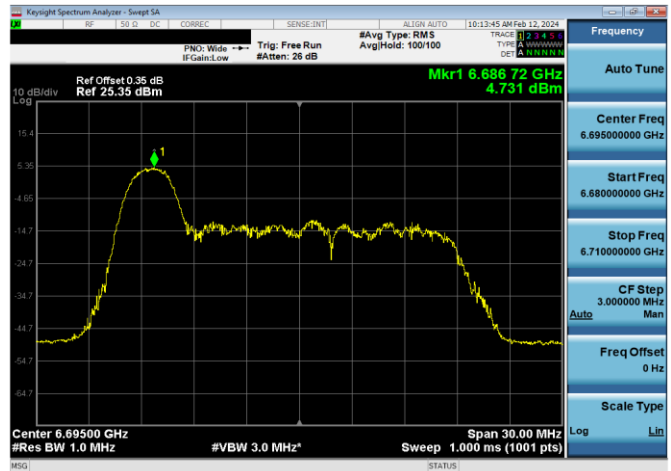
Plot 7-205. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



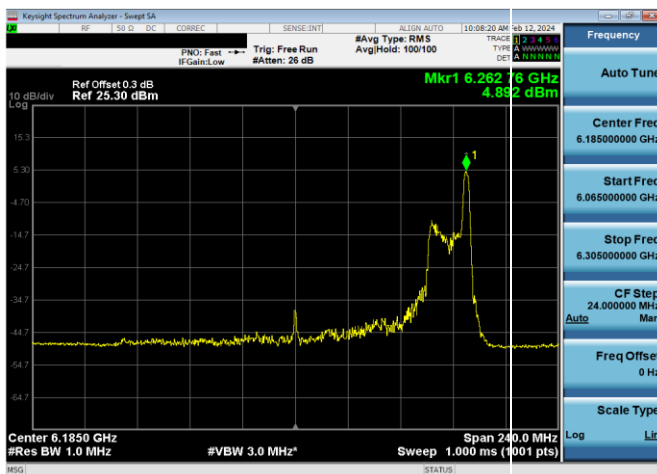
Plot 7-208. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



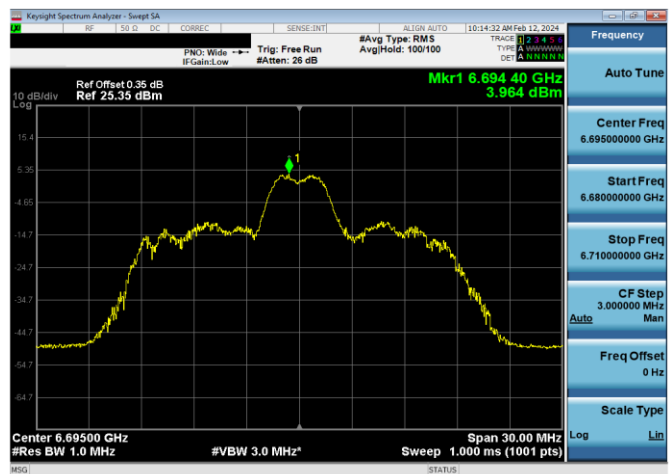
Plot 7-206. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-209. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

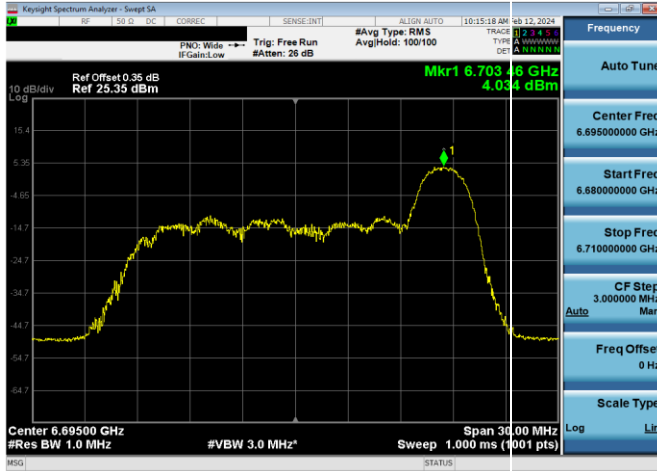


Plot 7-207. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

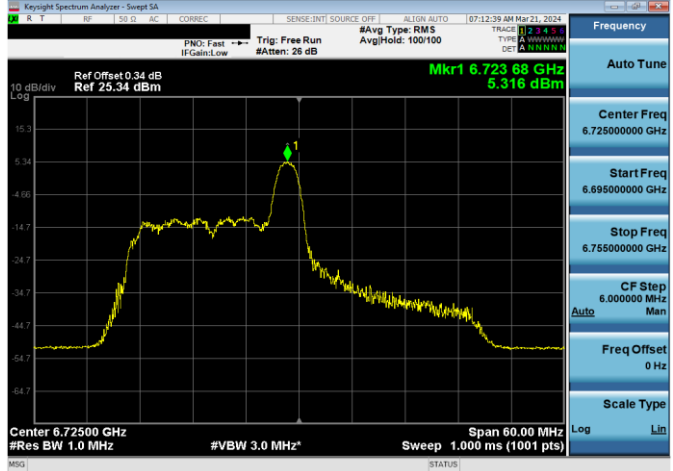


Plot 7-210. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

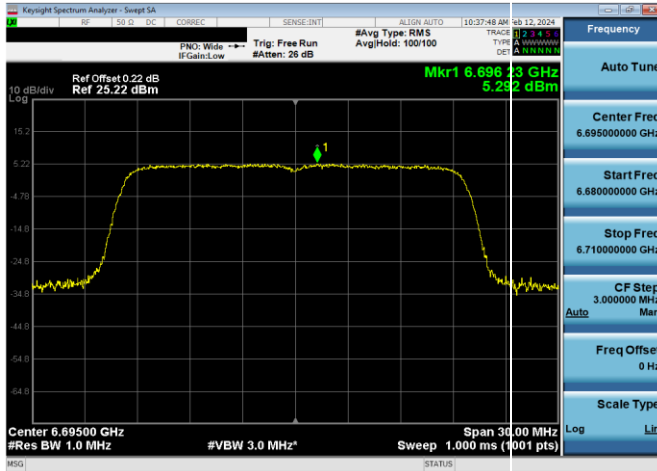
|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 113 of 615                   |



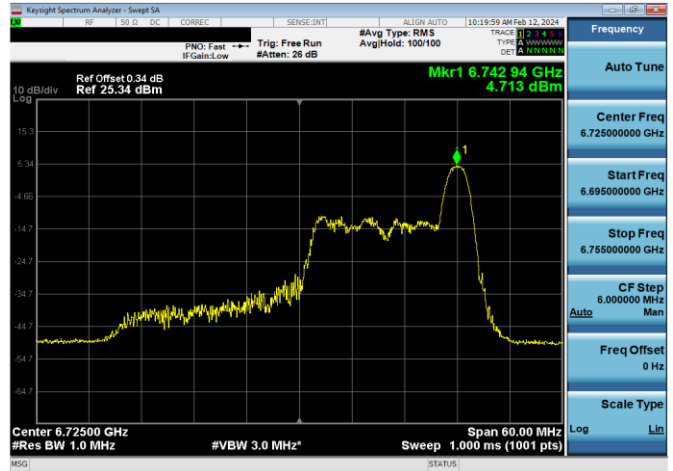
Plot 7-211. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



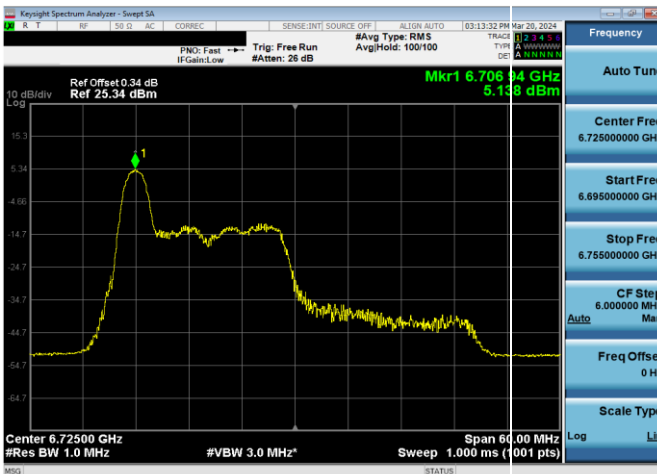
Plot 7-214. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



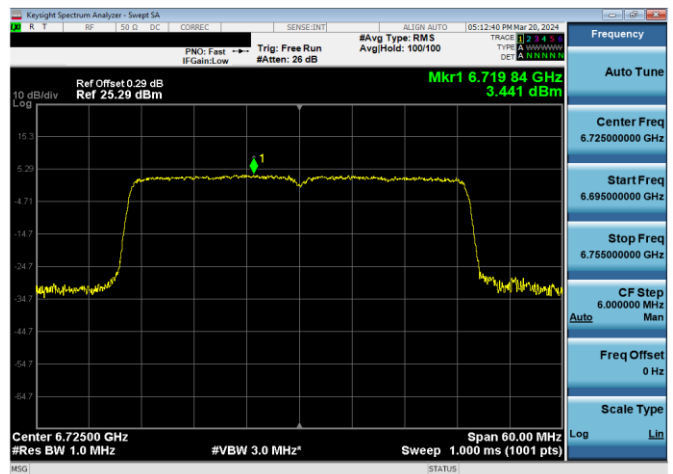
Plot 7-212. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-215. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

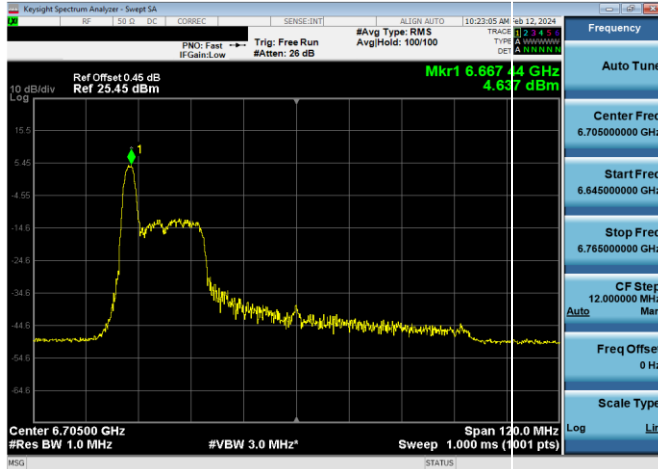


Plot 7-213. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

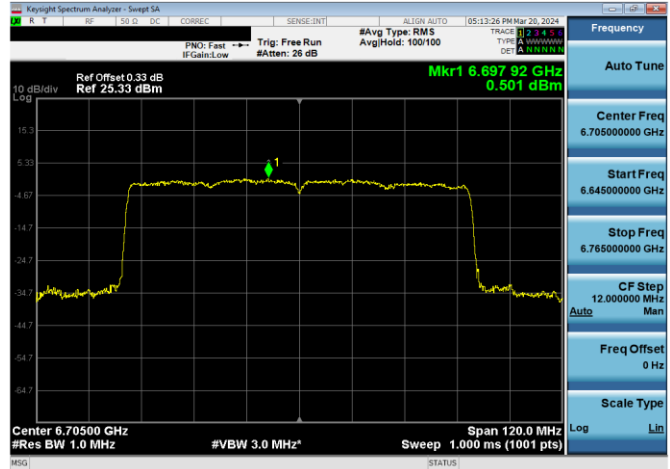


Plot 7-216. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)

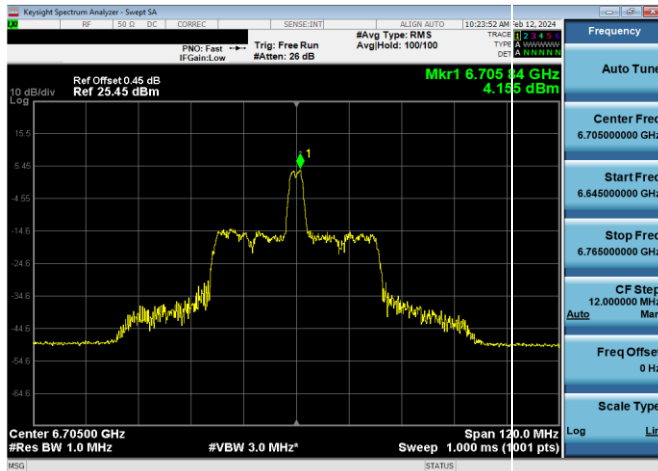
|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 114 of 615                   |



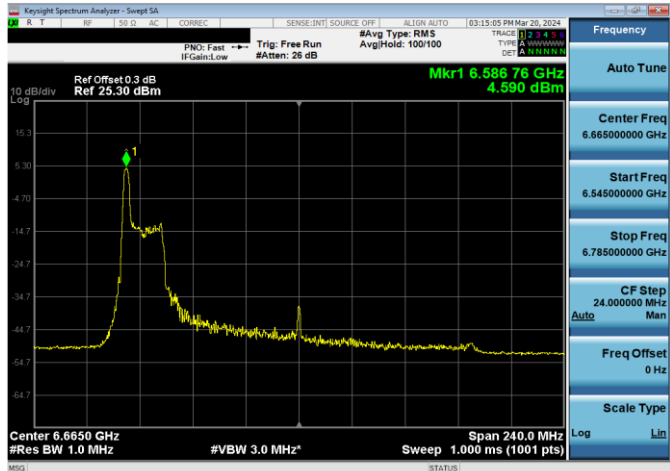
Plot 7-217. SP Power Spectral Density Plot Antenna WF5B (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



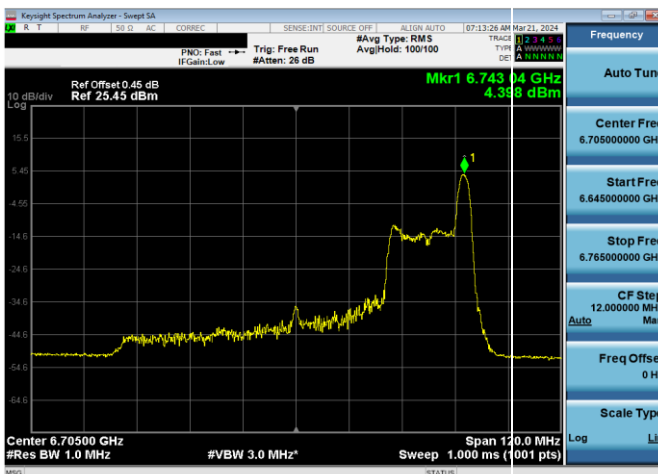
Plot 7-220. SP Power Spectral Density Plot Antenna WF5B (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



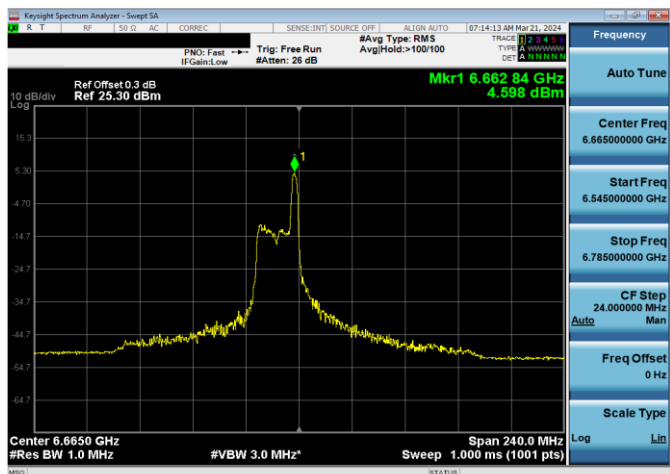
Plot 7-218. SP Power Spectral Density Plot Antenna WF5B (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



Plot 7-221. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

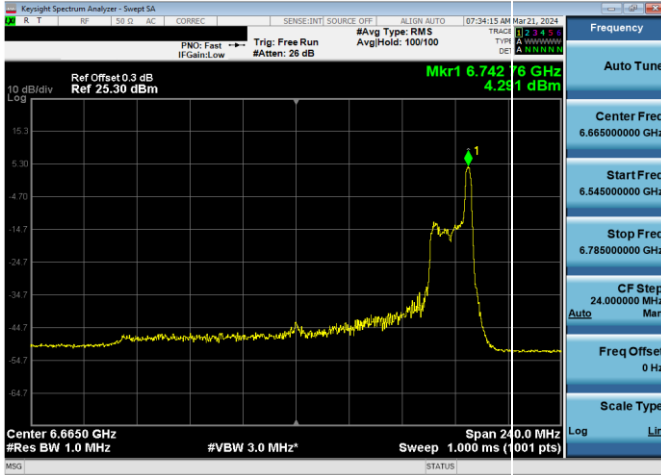


Plot 7-219. SP Power Spectral Density Plot Antenna WF5B (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

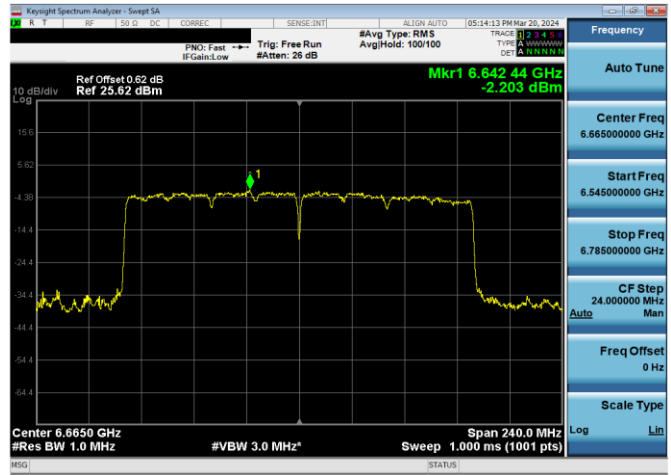


Plot 7-222. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 115 of 615                   |



Plot 7-223. SP Power Spectral Density Plot Antenna WF5B (160MHz)  
802.11ax RU26 (UNII Band 7) – Ch. 143



Plot 7-224. SP Power Spectral Density Plot Antenna WF5B (160MHz)  
802.11ax RU996x2 (UNII Band 7) – Ch. 143

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024  | EUT Type:<br>Tablet Device            | Page 116 of 615                   |

## 7.4.2 Antenna 4a SP Power Spectral Density Measurements

|        | 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 | 5955            | 1           | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.87                             | 2.30               | 8.17                      | 17                         | -8.83       |
|        | 5955            | 1           | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 5.17                             | 2.30               | 7.47                      | 17                         | -9.53       |
|        | 5955            | 1           | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.22                             | 2.30               | 7.52                      | 17                         | -9.48       |
|        | 6175            | 45          | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.13                             | 2.30               | 8.43                      | 17                         | -8.58       |
|        | 6175            | 45          | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 5.20                             | 2.30               | 7.50                      | 17                         | -9.50       |
|        | 6175            | 45          | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.24                             | 2.30               | 8.54                      | 17                         | -8.46       |
|        | 6415            | 93          | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.66                             | 2.30               | 7.96                      | 17                         | -9.04       |
|        | 6415            | 93          | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 4.72                             | 2.30               | 7.02                      | 17                         | -9.98       |
|        | 6415            | 93          | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.72                             | 2.30               | 8.02                      | 17                         | -8.98       |
|        | 5965            | 3           | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.46                             | 2.30               | 8.76                      | 17                         | -8.24       |
|        | 5965            | 3           | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.37                             | 2.30               | 8.67                      | 17                         | -8.33       |
|        | 5965            | 3           | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 6.19                             | 2.30               | 8.49                      | 17                         | -8.51       |
|        | 6165            | 43          | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.60                             | 2.30               | 7.90                      | 17                         | -9.10       |
|        | 6165            | 43          | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.40                             | 2.30               | 8.70                      | 17                         | -8.30       |
|        | 6165            | 43          | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 5.60                             | 2.30               | 7.90                      | 17                         | -9.10       |
|        | 6165            | 91          | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.85                             | 2.30               | 8.15                      | 17                         | -8.85       |
|        | 6165            | 91          | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.36                             | 2.30               | 8.66                      | 17                         | -8.34       |
|        | 6165            | 91          | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 6.02                             | 2.30               | 8.32                      | 17                         | -8.68       |
|        | 5985            | 7           | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.46                             | 2.30               | 8.76                      | 17                         | -8.24       |
|        | 5985            | 7           | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 5.37                             | 2.30               | 7.67                      | 17                         | -9.33       |
|        | 5985            | 7           | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 5.41                             | 2.30               | 7.71                      | 17                         | -9.29       |
|        | 6145            | 39          | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.16                             | 2.30               | 8.46                      | 17                         | -8.54       |
|        | 6145            | 39          | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.66                             | 2.30               | 6.96                      | 17                         | -10.04      |
|        | 6145            | 39          | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 5.95                             | 2.30               | 8.25                      | 17                         | -8.75       |
|        | 6385            | 87          | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.53                             | 2.30               | 7.83                      | 17                         | -9.17       |
|        | 6385            | 87          | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.89                             | 2.30               | 7.19                      | 17                         | -9.81       |
|        | 6385            | 87          | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 6.08                             | 2.30               | 8.38                      | 17                         | -8.62       |
|        | 6025            | 15          | ax (160MHz) | 26      | 0                 | 12.5/14.7 (MCS11) | 5.69                             | 2.30               | 7.99                      | 17                         | -9.01       |
|        | 6025            | 15          | ax (160MHz) | 26      | 18                | 12.5/14.7 (MCS11) | 5.10                             | 2.30               | 7.40                      | 17                         | -9.60       |
|        | 6025            | 15          | ax (160MHz) | 26      | 36                | 12.5/14.7 (MCS11) | 5.23                             | 2.30               | 7.53                      | 17                         | -9.47       |
|        | 6181            | 47          | ax (160MHz) | 26      | 0                 | 12.5/14.7 (MCS11) | 5.35                             | 2.30               | 7.65                      | 17                         | -9.35       |
|        | 6181            | 47          | ax (160MHz) | 26      | 18                | 12.5/14.7 (MCS11) | 5.28                             | 2.30               | 7.58                      | 17                         | -9.42       |
|        | 6181            | 47          | ax (160MHz) | 26      | 36                | 12.5/14.7 (MCS11) | 5.58                             | 2.30               | 7.88                      | 17                         | -9.12       |
| 6345   | 79              | ax (160MHz) | 26          | 0       | 12.5/14.7 (MCS11) | 5.71              | 2.30                             | 8.01               | 17                        | -8.99                      |             |
| 6345   | 79              | ax (160MHz) | 26          | 18      | 12.5/14.7 (MCS11) | 5.88              | 2.30                             | 8.18               | 17                        | -8.82                      |             |
| 6345   | 79              | ax (160MHz) | 26          | 36      | 12.5/14.7 (MCS11) | 5.40              | 2.30                             | 7.70               | 17                        | -9.30                      |             |
| Band 7 | 6535            | 117         | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.15                             | 2.10               | 8.25                      | 17                         | -8.75       |
|        | 6535            | 117         | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 5.49                             | 2.10               | 7.59                      | 17                         | -9.41       |
|        | 6535            | 117         | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.34                             | 2.10               | 8.44                      | 17                         | -8.56       |
|        | 6695            | 149         | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.19                             | 2.10               | 8.29                      | 17                         | -8.71       |
|        | 6695            | 149         | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 5.39                             | 2.10               | 7.49                      | 17                         | -9.52       |
|        | 6695            | 149         | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.24                             | 2.10               | 7.34                      | 17                         | -9.66       |
|        | 6875            | 181         | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.67                             | 2.10               | 7.77                      | 17                         | -9.23       |
|        | 6875            | 181         | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 5.17                             | 2.10               | 7.27                      | 17                         | -9.73       |
|        | 6875            | 181         | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.43                             | 2.10               | 7.53                      | 17                         | -9.47       |
|        | 6565            | 123         | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.23                             | 2.10               | 8.33                      | 17                         | -8.67       |
|        | 6565            | 123         | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.86                             | 2.10               | 8.96                      | 17                         | -8.04       |
|        | 6565            | 123         | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 5.28                             | 2.10               | 7.58                      | 17                         | -9.42       |
|        | 6725            | 155         | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.98                             | 2.10               | 8.08                      | 17                         | -8.92       |
|        | 6725            | 155         | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.23                             | 2.10               | 8.33                      | 17                         | -8.67       |
|        | 6725            | 155         | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 6.04                             | 2.10               | 8.14                      | 17                         | -8.86       |
|        | 6845            | 179         | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.15                             | 2.10               | 7.25                      | 17                         | -9.75       |
|        | 6845            | 179         | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 6.33                             | 2.10               | 8.43                      | 17                         | -8.57       |
|        | 6845            | 179         | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 5.81                             | 2.10               | 7.91                      | 17                         | -9.09       |
|        | 6545            | 135         | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.91                             | 2.10               | 8.01                      | 17                         | -8.99       |
|        | 6545            | 135         | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 5.06                             | 2.10               | 7.16                      | 17                         | -9.84       |
|        | 6545            | 135         | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 5.87                             | 2.10               | 7.97                      | 17                         | -9.03       |
|        | 6705            | 151         | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 6.05                             | 2.10               | 8.15                      | 17                         | -8.85       |
|        | 6705            | 151         | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 5.10                             | 2.10               | 7.20                      | 17                         | -9.80       |
|        | 6705            | 151         | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 5.28                             | 2.10               | 7.38                      | 17                         | -9.62       |
|        | 6865            | 167         | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.54                             | 2.10               | 7.64                      | 17                         | -9.36       |
|        | 6865            | 167         | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.96                             | 2.10               | 7.06                      | 17                         | -9.94       |
|        | 6865            | 167         | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 5.23                             | 2.10               | 7.33                      | 17                         | -9.67       |
|        | 6665            | 143         | ax (160MHz) | 26      | 0                 | 12.5/14.7 (MCS11) | 5.95                             | 2.10               | 8.05                      | 17                         | -8.95       |
|        | 6665            | 143         | ax (160MHz) | 26      | 18                | 12.5/14.7 (MCS11) | 5.81                             | 2.10               | 7.91                      | 17                         | -9.09       |
|        | 6665            | 143         | ax (160MHz) | 26      | 36                | 12.5/14.7 (MCS11) | 5.85                             | 2.10               | 7.95                      | 17                         | -9.05       |

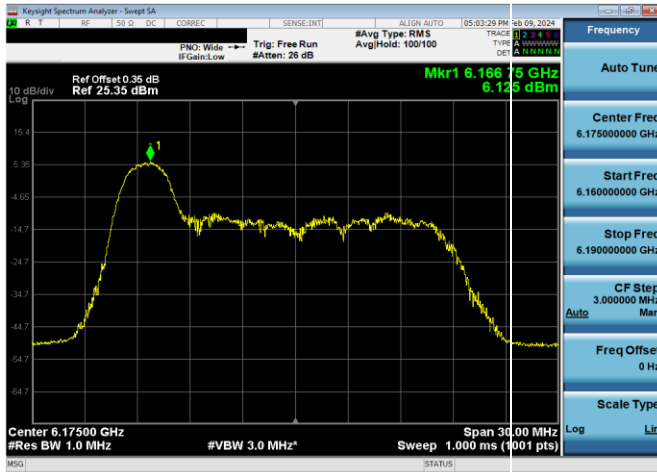
Table 7-133. SP Power Spectral Density Measurements Antenna 4a (RU26)

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024  | EUT Type:<br>Tablet Device            | Page 117 of 615                   |

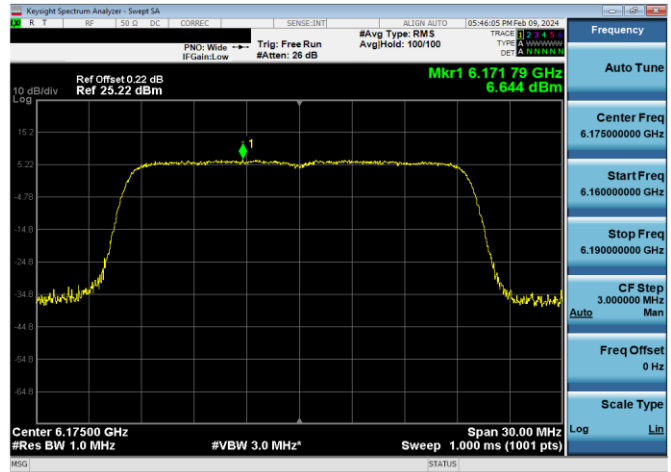
|        | Frequency [MHz] | Channel     | 802.11 MODE | RU Size | RU Index            | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|---------------------|---------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5955            | 1           | ax (20MHz)  | 242     | 61                  | 121.9/143.4 (MCS11) | 6.54                             | 2.30               | 8.84                      | 17                         | -8.16       |
|        | 6175            | 45          | ax (20MHz)  | 242     | 61                  | 121.9/143.4 (MCS11) | 6.64                             | 2.30               | 8.94                      | 17                         | -8.06       |
|        | 6415            | 93          | ax (20MHz)  | 242     | 61                  | 121.9/143.4 (MCS11) | 6.61                             | 2.30               | 8.91                      | 17                         | -8.09       |
|        | 5965            | 3           | ax (40MHz)  | 484     | 65                  | 243.8/286.8 (MCS11) | 4.46                             | 2.30               | 6.76                      | 17                         | -10.24      |
|        | 6165            | 43          | ax (40MHz)  | 484     | 65                  | 243.8/286.8 (MCS11) | 3.73                             | 2.30               | 6.03                      | 17                         | -10.97      |
|        | 6165            | 91          | ax (40MHz)  | 484     | 65                  | 243.8/286.8 (MCS11) | 4.00                             | 2.30               | 6.30                      | 17                         | -10.70      |
|        | 5985            | 7           | ax (80MHz)  | 996     | 67                  | 510.4/600.5 (MCS11) | 1.48                             | 2.30               | 3.78                      | 17                         | -13.22      |
|        | 6145            | 39          | ax (80MHz)  | 996     | 67                  | 510.4/600.5 (MCS11) | 1.19                             | 2.30               | 3.49                      | 17                         | -13.51      |
|        | 6385            | 87          | ax (80MHz)  | 996     | 67                  | 510.4/600.5 (MCS11) | 1.07                             | 2.30               | 3.37                      | 17                         | -13.63      |
|        | 6025            | 15          | ax (160MHz) | 996     | 68                  | 1020.8/1201 (MCS11) | -1.95                            | 2.30               | 0.35                      | 17                         | -16.65      |
| Band 7 | 6181            | 47          | ax (160MHz) | 996     | 68                  | 1020.8/1201 (MCS11) | -1.67                            | 2.30               | 0.63                      | 17                         | -16.37      |
|        | 6345            | 79          | ax (160MHz) | 996     | 68                  | 1020.8/1201 (MCS11) | -2.00                            | 2.30               | 0.30                      | 17                         | -16.70      |
|        | 6535            | 117         | ax (20MHz)  | 242     | 61                  | 121.9/143.4 (MCS11) | 6.66                             | 2.10               | 8.76                      | 17                         | -8.24       |
|        | 6695            | 149         | ax (20MHz)  | 242     | 61                  | 121.9/143.4 (MCS11) | 6.56                             | 2.10               | 8.66                      | 17                         | -8.34       |
|        | 6875            | 181         | ax (20MHz)  | 242     | 61                  | 121.9/143.4 (MCS11) | 6.02                             | 2.10               | 8.12                      | 17                         | -8.88       |
|        | 6565            | 123         | ax (40MHz)  | 484     | 65                  | 243.8/286.8 (MCS11) | 4.47                             | 2.10               | 6.57                      | 17                         | -10.43      |
|        | 6725            | 155         | ax (40MHz)  | 484     | 65                  | 243.8/286.8 (MCS11) | 4.42                             | 2.10               | 6.52                      | 17                         | -10.48      |
|        | 6845            | 179         | ax (40MHz)  | 484     | 65                  | 243.8/286.8 (MCS11) | 3.97                             | 2.10               | 6.07                      | 17                         | -10.93      |
|        | 6545            | 135         | ax (80MHz)  | 996     | 67                  | 510.4/600.5 (MCS11) | 0.85                             | 2.10               | 2.95                      | 17                         | -14.05      |
|        | 6705            | 151         | ax (80MHz)  | 996     | 67                  | 510.4/600.5 (MCS11) | 1.44                             | 2.10               | 3.54                      | 17                         | -13.46      |
| 6865   | 167             | ax (80MHz)  | 996         | 67      | 510.4/600.5 (MCS11) | 0.72                | 2.10                             | 2.82               | 17                        | -14.19                     |             |
| 6665   | 143             | ax (160MHz) | 996         | 68      | 1020.8/1201 (MCS11) | -1.63               | 2.10                             | 0.47               | 17                        | -16.53                     |             |

**Table 7-134. SP Power Spectral Density Measurements Antenna 4a (Fully loaded RU)**

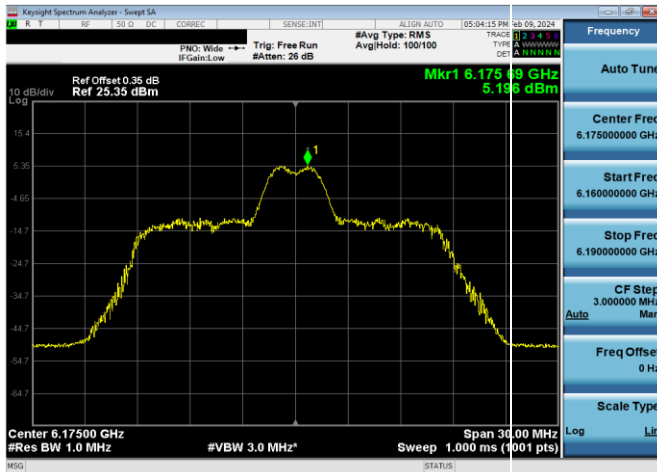
|   |   |   |  |
|---|---|---|--|
| FCC ID: BCGA2837<br>IC: 579C-A2837                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270068-25-R1.BCG | <b>Test Dates:</b><br>11/28/2023 - 04/04/2024                                       | <b>EUT Type:</b><br>Tablet Device             | Page 118 of 615                          |



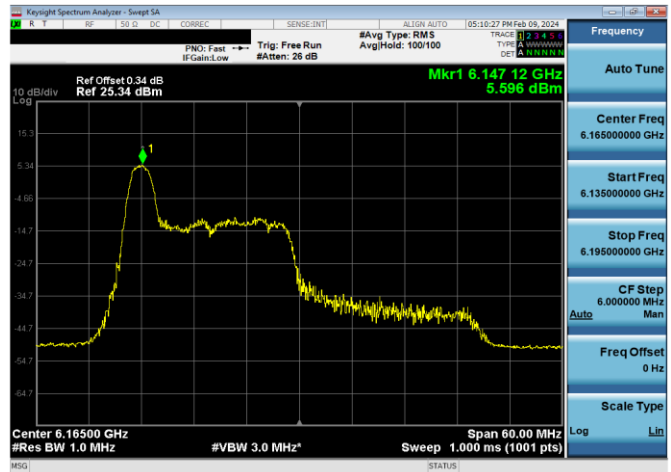
Plot 7-225. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



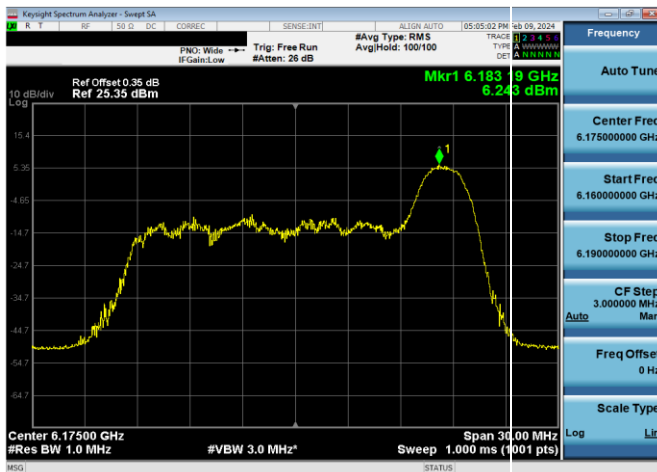
Plot 7-228. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



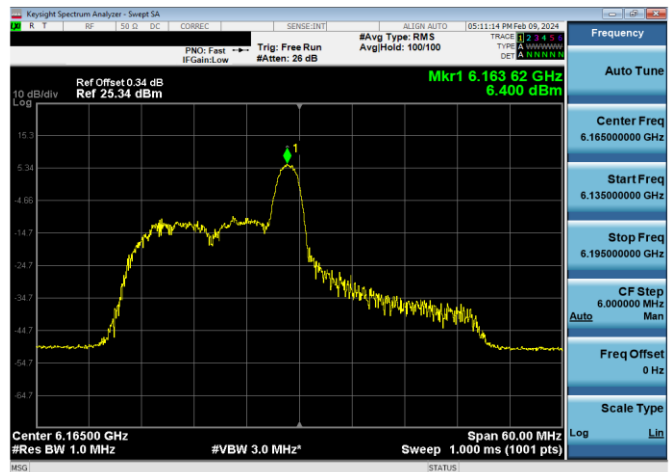
Plot 7-226. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-229. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



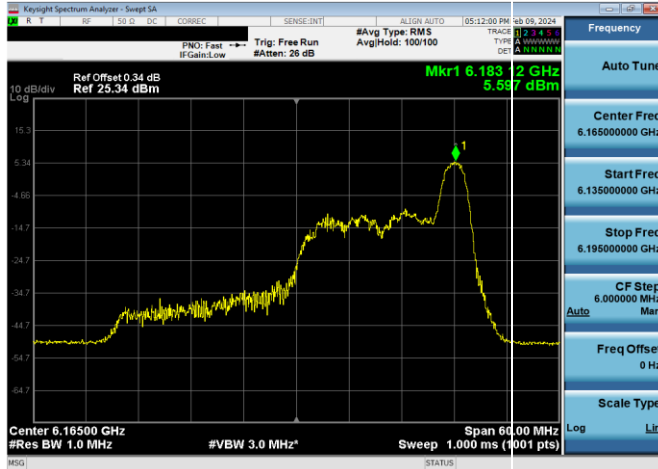
Plot 7-227. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



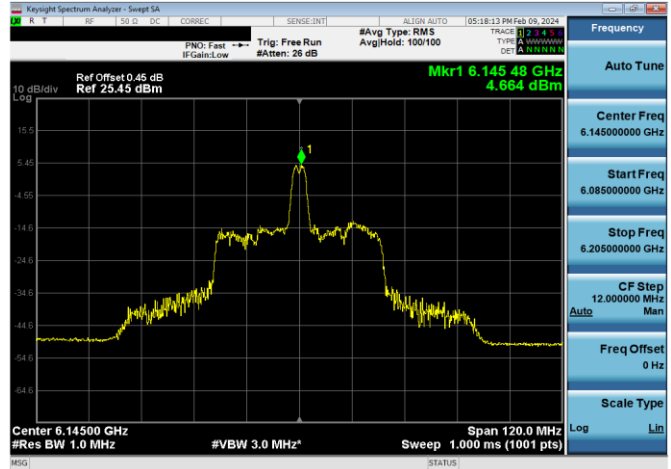
Plot 7-230. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

|  |  |   |                                   |
|--|--|---|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device                    | Page 119 of 615                   |

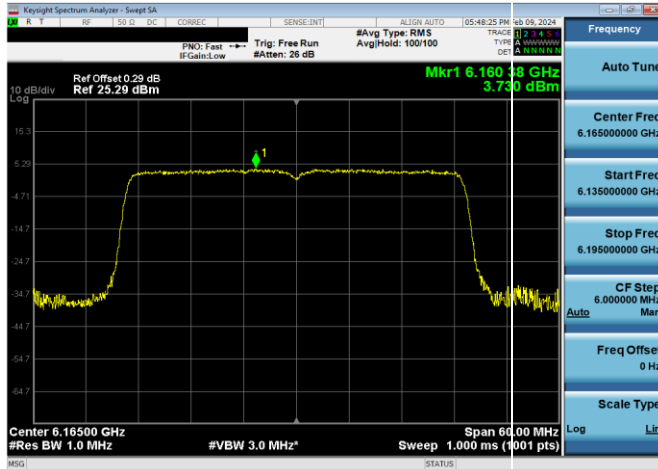




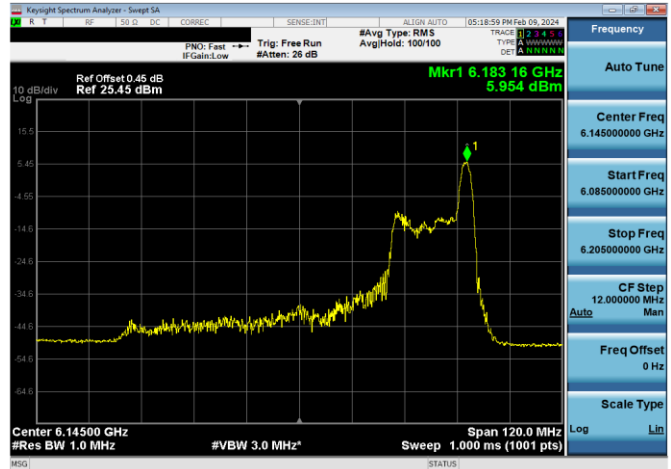
Plot 7-231. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



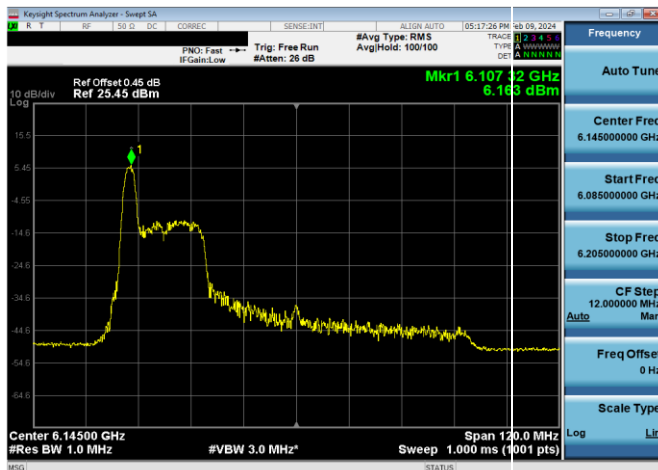
Plot 7-234. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



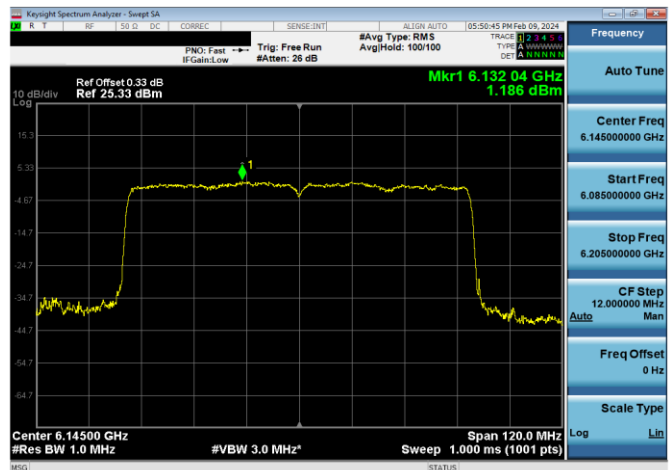
Plot 7-232. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-235. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



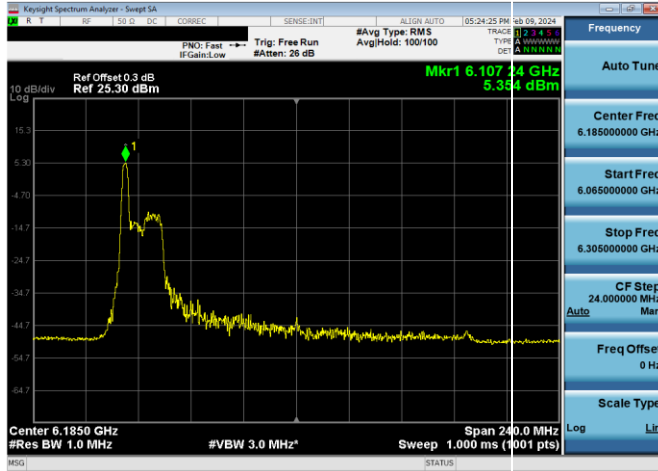
Plot 7-233. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



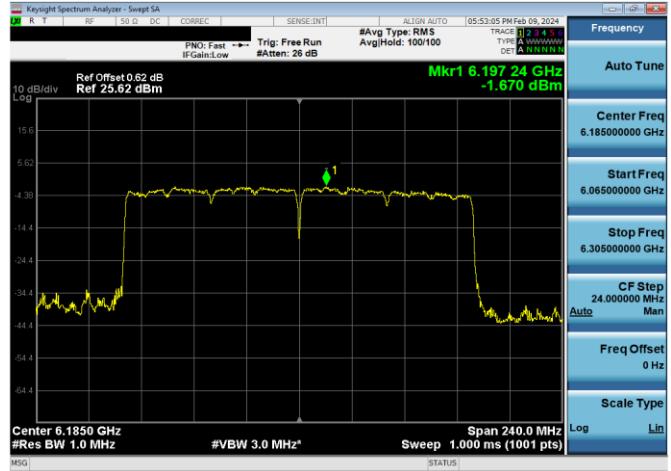
Plot 7-236. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 120 of 615                   |

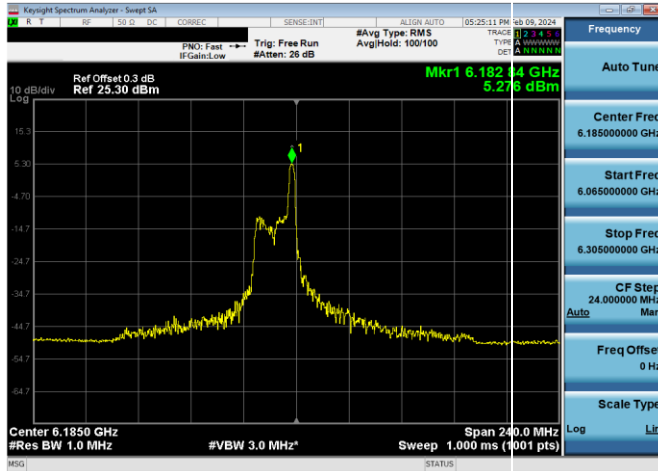




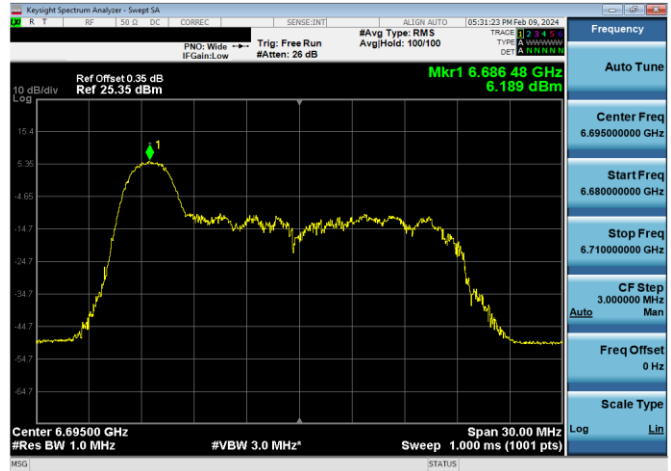
Plot 7-237. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



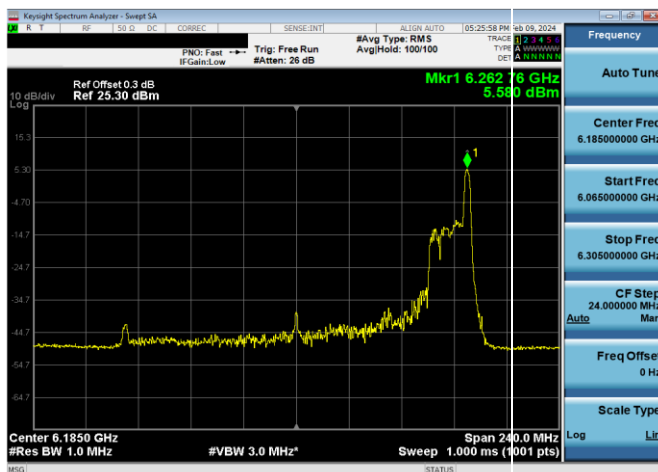
Plot 7-240. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



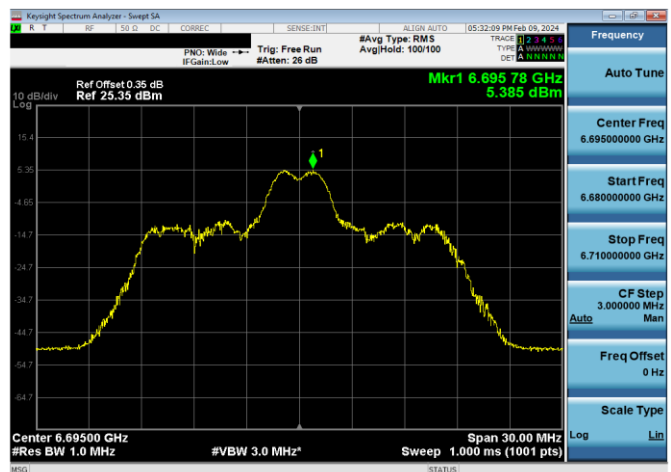
Plot 7-238. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-241. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

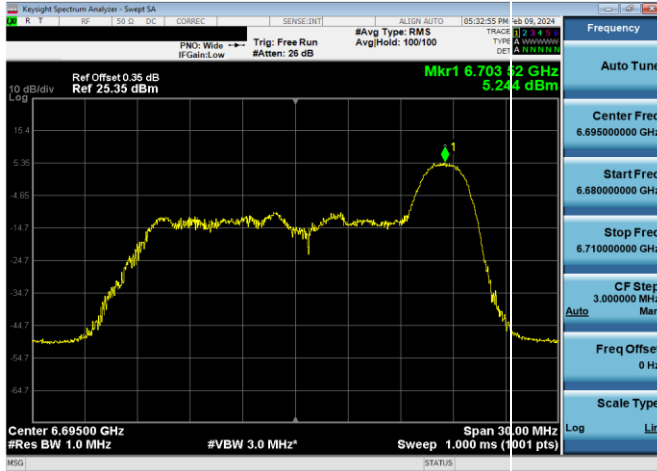


Plot 7-239. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

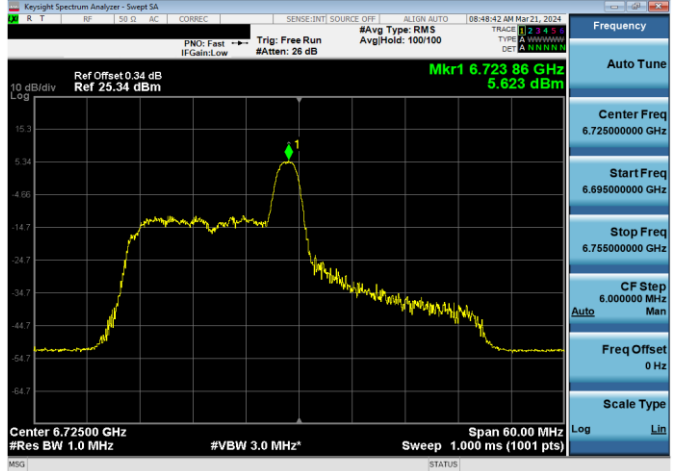


Plot 7-242. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

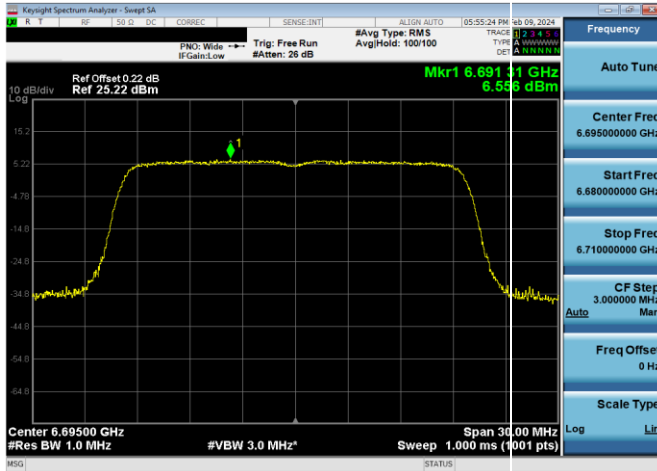
|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 121 of 615                   |



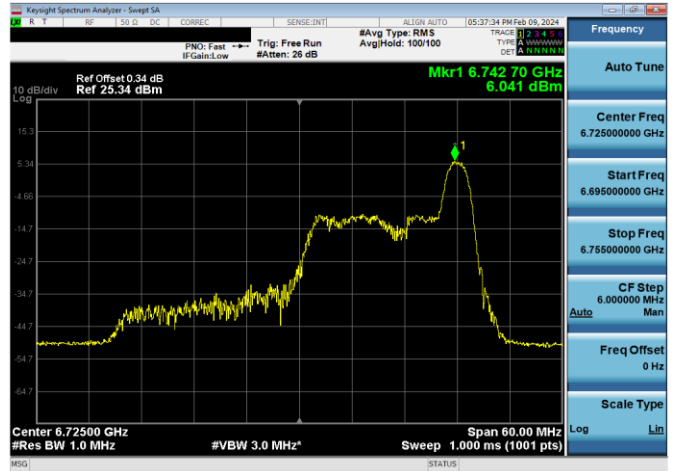
Plot 7-243. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 149)



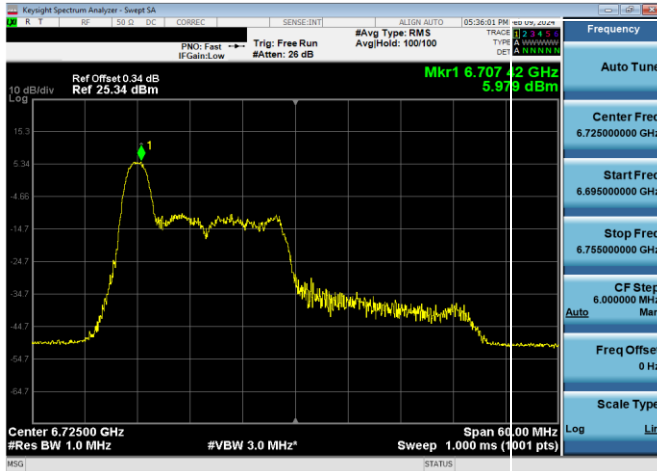
Plot 7-246. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)



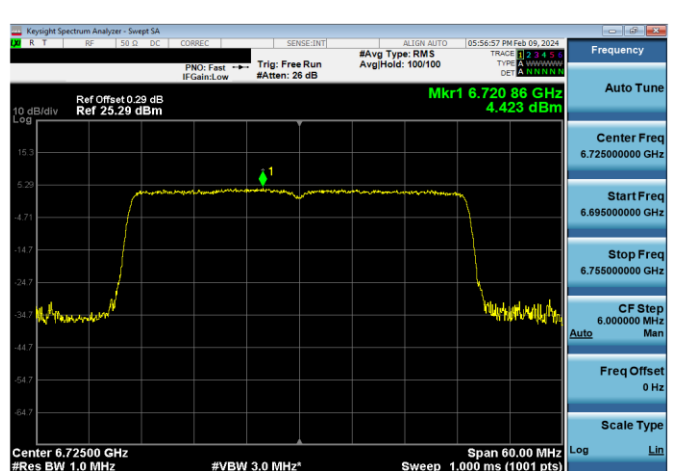
Plot 7-244. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



Plot 7-247. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)

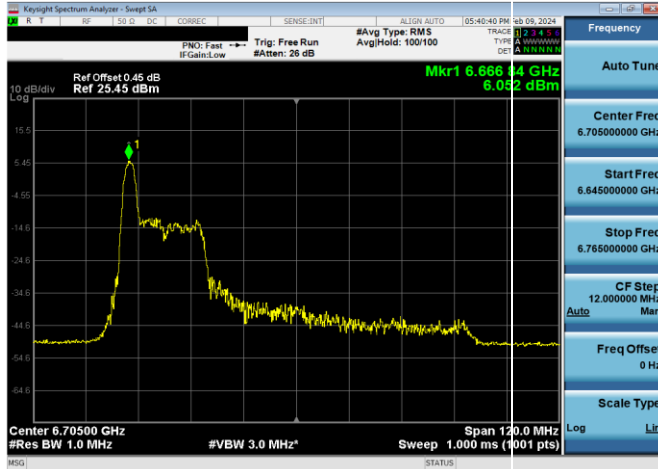


Plot 7-245. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)

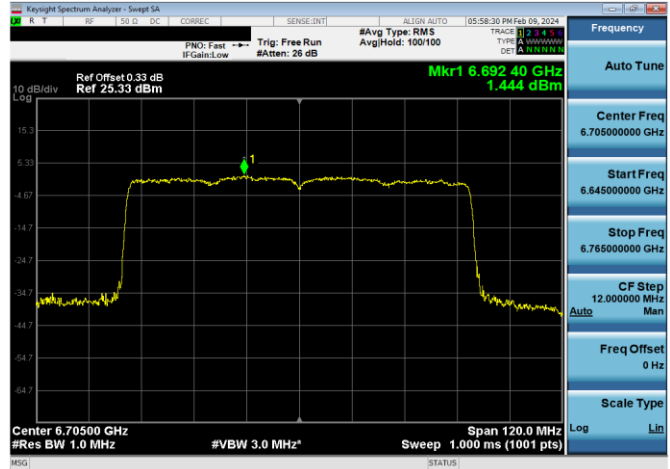


Plot 7-248. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 155)

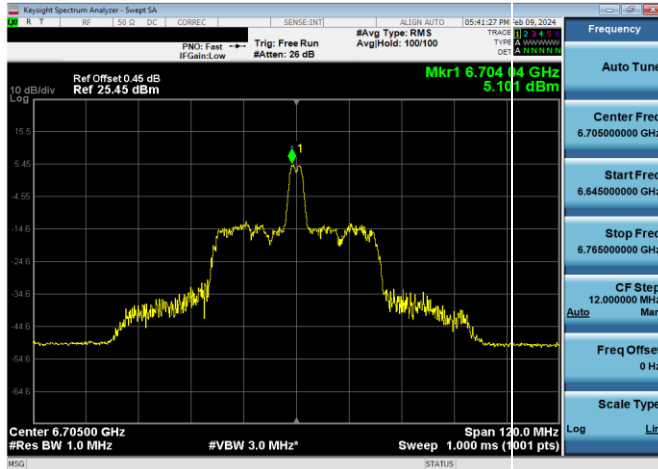
|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 122 of 615                   |



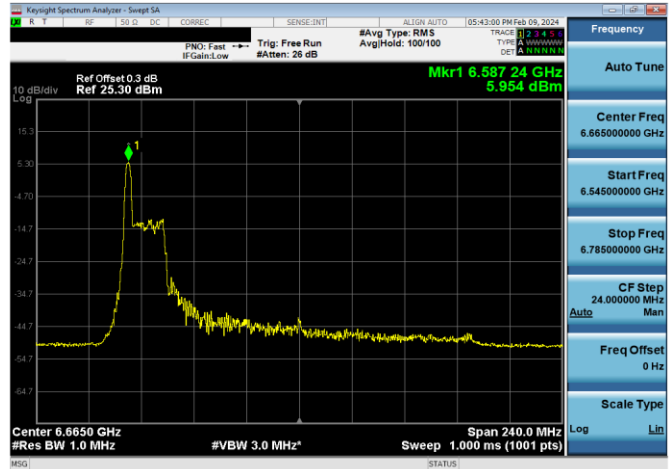
Plot 7-249. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



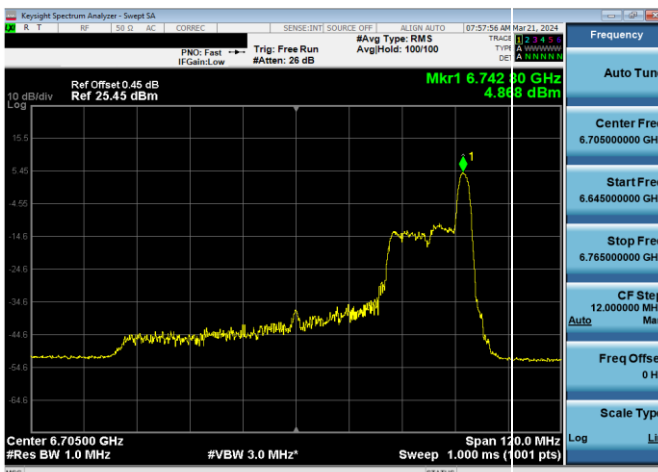
Plot 7-252. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



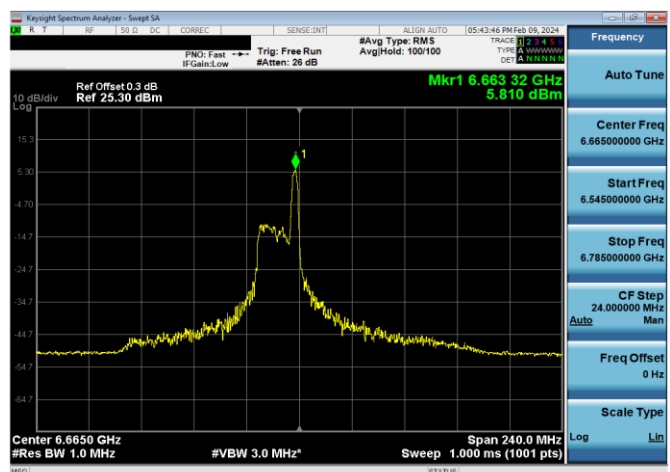
Plot 7-250. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



Plot 7-253. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

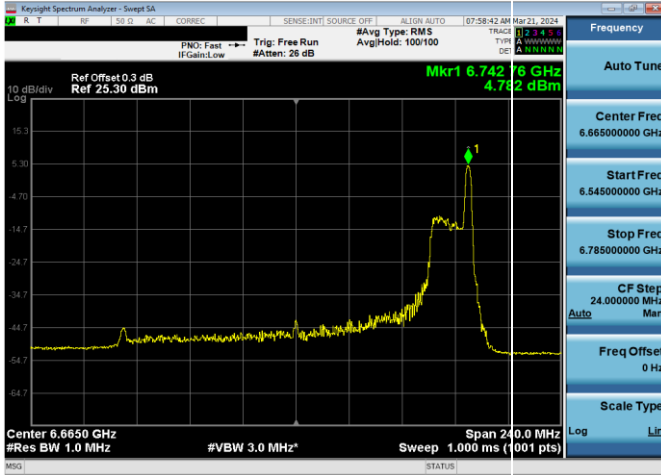


Plot 7-251. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

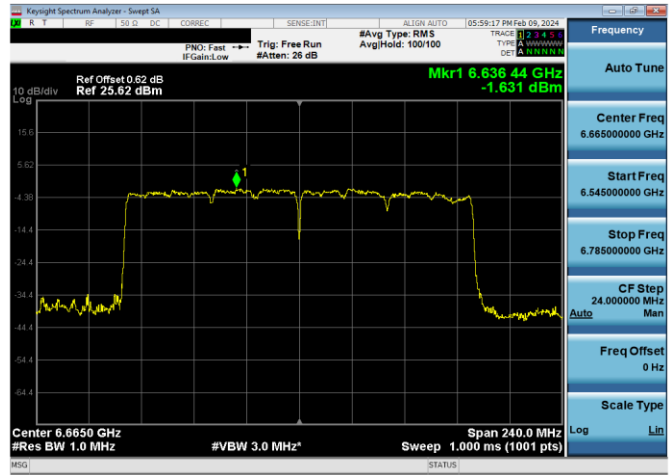


Plot 7-254. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 123 of 615                   |



Plot 7-255. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-256. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024  | EUT Type:<br>Tablet Device            | Page 124 of 615                   |

### 7.4.3 Antenna 2a SP Power Spectral Density Measurements

|        | 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 | 5955            | 1           | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.08                             | -0.90              | 4.18                      | 17                         | -12.82      |
|        | 5955            | 1           | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 4.45                             | -0.90              | 3.55                      | 17                         | -13.46      |
|        | 5955            | 1           | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 4.88                             | -0.90              | 3.98                      | 17                         | -13.02      |
|        | 6175            | 45          | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.16                             | -0.90              | 4.26                      | 17                         | -12.74      |
|        | 6175            | 45          | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 4.74                             | -0.90              | 3.84                      | 17                         | -13.16      |
|        | 6175            | 45          | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.24                             | -0.90              | 4.34                      | 17                         | -12.66      |
|        | 6415            | 93          | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.59                             | -0.90              | 4.69                      | 17                         | -12.31      |
|        | 6415            | 93          | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 4.92                             | -0.90              | 4.02                      | 17                         | -12.98      |
|        | 6415            | 93          | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.82                             | -0.90              | 4.92                      | 17                         | -12.08      |
|        | 5965            | 3           | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.26                             | -0.90              | 4.36                      | 17                         | -12.64      |
|        | 5965            | 3           | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.47                             | -0.90              | 4.57                      | 17                         | -12.43      |
|        | 5965            | 3           | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 5.03                             | -0.90              | 4.13                      | 17                         | -12.88      |
|        | 6165            | 43          | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.01                             | -0.90              | 4.11                      | 17                         | -12.89      |
|        | 6165            | 43          | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.67                             | -0.90              | 4.77                      | 17                         | -12.24      |
|        | 6165            | 43          | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 4.91                             | -0.90              | 4.01                      | 17                         | -12.99      |
|        | 6165            | 91          | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.31                             | -0.90              | 4.41                      | 17                         | -12.59      |
|        | 6165            | 91          | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.89                             | -0.90              | 4.99                      | 17                         | -12.01      |
|        | 6165            | 91          | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 5.43                             | -0.90              | 4.53                      | 17                         | -12.47      |
|        | 5985            | 7           | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.55                             | -0.90              | 4.65                      | 17                         | -12.35      |
|        | 5985            | 7           | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.01                             | -0.90              | 3.11                      | 17                         | -13.89      |
|        | 5985            | 7           | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 5.29                             | -0.90              | 4.39                      | 17                         | -12.61      |
|        | 6145            | 39          | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 4.72                             | -0.90              | 3.82                      | 17                         | -13.18      |
|        | 6145            | 39          | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.25                             | -0.90              | 3.35                      | 17                         | -13.65      |
|        | 6145            | 39          | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 5.37                             | -0.90              | 4.47                      | 17                         | -12.54      |
|        | 6385            | 87          | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.55                             | -0.90              | 4.65                      | 17                         | -12.35      |
|        | 6385            | 87          | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.61                             | -0.90              | 3.71                      | 17                         | -13.29      |
|        | 6385            | 87          | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 4.88                             | -0.90              | 3.98                      | 17                         | -13.02      |
|        | 6025            | 15          | ax (160MHz) | 26      | 0                 | 12.5/14.7 (MCS11) | 5.34                             | -0.90              | 4.44                      | 17                         | -12.56      |
|        | 6025            | 15          | ax (160MHz) | 26      | 18                | 12.5/14.7 (MCS11) | 5.16                             | -0.90              | 4.26                      | 17                         | -12.74      |
|        | 6025            | 15          | ax (160MHz) | 26      | 36                | 12.5/14.7 (MCS11) | 4.93                             | -0.90              | 4.03                      | 17                         | -12.97      |
|        | 6181            | 47          | ax (160MHz) | 26      | 0                 | 12.5/14.7 (MCS11) | 5.06                             | -0.90              | 4.16                      | 17                         | -12.84      |
|        | 6181            | 47          | ax (160MHz) | 26      | 18                | 12.5/14.7 (MCS11) | 5.31                             | -0.90              | 4.41                      | 17                         | -12.59      |
|        | 6181            | 47          | ax (160MHz) | 26      | 36                | 12.5/14.7 (MCS11) | 4.88                             | -0.90              | 3.98                      | 17                         | -13.02      |
| 6345   | 79              | ax (160MHz) | 26          | 0       | 12.5/14.7 (MCS11) | 5.62              | -0.90                            | 4.72               | 17                        | -12.29                     |             |
| 6345   | 79              | ax (160MHz) | 26          | 18      | 12.5/14.7 (MCS11) | 5.21              | -0.90                            | 4.31               | 17                        | -12.69                     |             |
| 6345   | 79              | ax (160MHz) | 26          | 36      | 12.5/14.7 (MCS11) | 5.45              | -0.90                            | 4.55               | 17                        | -12.45                     |             |
| Band 7 | 6535            | 117         | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.60                             | 1.00               | 6.60                      | 17                         | -10.40      |
|        | 6535            | 117         | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 4.88                             | 1.00               | 5.88                      | 17                         | -11.12      |
|        | 6535            | 117         | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.47                             | 1.00               | 6.47                      | 17                         | -10.53      |
|        | 6695            | 149         | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.70                             | 1.00               | 6.70                      | 17                         | -10.30      |
|        | 6695            | 149         | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 5.26                             | 1.00               | 6.26                      | 17                         | -10.74      |
|        | 6695            | 149         | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.47                             | 1.00               | 6.47                      | 17                         | -10.53      |
|        | 6875            | 181         | ax (20MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 4.92                             | 1.00               | 5.92                      | 17                         | -11.08      |
|        | 6875            | 181         | ax (20MHz)  | 26      | 4                 | 12.5/14.7 (MCS11) | 4.18                             | 1.00               | 5.18                      | 17                         | -11.82      |
|        | 6875            | 181         | ax (20MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 4.47                             | 1.00               | 5.47                      | 17                         | -11.53      |
|        | 6565            | 123         | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.02                             | 1.00               | 6.02                      | 17                         | -10.98      |
|        | 6565            | 123         | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.53                             | 1.00               | 6.53                      | 17                         | -10.47      |
|        | 6565            | 123         | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 5.31                             | 1.00               | 6.31                      | 17                         | -10.69      |
|        | 6725            | 155         | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.28                             | 1.00               | 6.28                      | 17                         | -10.72      |
|        | 6725            | 155         | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.02                             | 1.00               | 6.02                      | 17                         | -10.98      |
|        | 6725            | 155         | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 4.86                             | 1.00               | 5.86                      | 17                         | -11.14      |
|        | 6845            | 179         | ax (40MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.18                             | 1.00               | 6.18                      | 17                         | -10.82      |
|        | 6845            | 179         | ax (40MHz)  | 26      | 8                 | 12.5/14.7 (MCS11) | 5.94                             | 1.00               | 6.94                      | 17                         | -10.06      |
|        | 6845            | 179         | ax (40MHz)  | 26      | 17                | 12.5/14.7 (MCS11) | 4.92                             | 1.00               | 5.92                      | 17                         | -11.08      |
|        | 6545            | 135         | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 3.73                             | 1.00               | 4.73                      | 17                         | -12.27      |
|        | 6545            | 135         | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 3.37                             | 1.00               | 4.37                      | 17                         | -12.63      |
|        | 6545            | 135         | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 4.15                             | 1.00               | 5.15                      | 17                         | -11.85      |
|        | 6705            | 151         | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.51                             | 1.00               | 6.51                      | 17                         | -10.49      |
|        | 6705            | 151         | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.17                             | 1.00               | 5.17                      | 17                         | -11.83      |
|        | 6705            | 151         | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 4.91                             | 1.00               | 5.91                      | 17                         | -11.10      |
|        | 6865            | 167         | ax (80MHz)  | 26      | 0                 | 12.5/14.7 (MCS11) | 5.01                             | 1.00               | 6.01                      | 17                         | -10.99      |
|        | 6865            | 167         | ax (80MHz)  | 26      | 18                | 12.5/14.7 (MCS11) | 4.13                             | 1.00               | 5.13                      | 17                         | -11.87      |
|        | 6865            | 167         | ax (80MHz)  | 26      | 36                | 12.5/14.7 (MCS11) | 4.46                             | 1.00               | 5.46                      | 17                         | -11.54      |
|        | 6665            | 143         | ax (160MHz) | 26      | 0                 | 12.5/14.7 (MCS11) | 5.45                             | 1.00               | 6.45                      | 17                         | -10.55      |
|        | 6665            | 143         | ax (160MHz) | 26      | 18                | 12.5/14.7 (MCS11) | 5.04                             | 1.00               | 6.04                      | 17                         | -10.96      |
|        | 6665            | 143         | ax (160MHz) | 26      | 36                | 12.5/14.7 (MCS11) | 5.03                             | 1.00               | 6.03                      | 17                         | -10.97      |

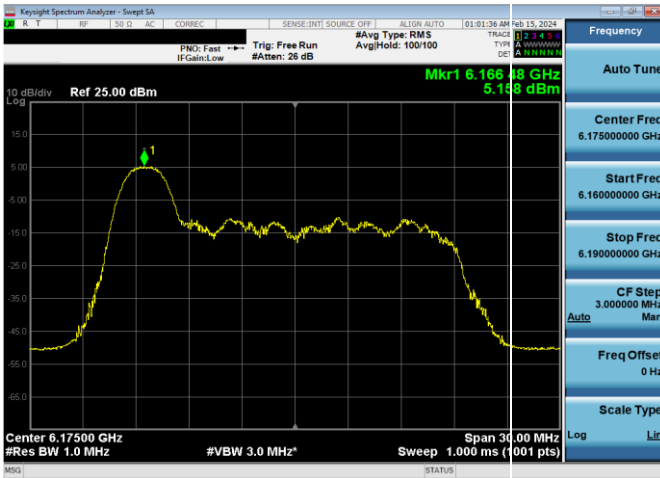
Table 7-135. SP Power Spectral Density Measurements Antenna 2a (RU26)

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024  | EUT Type:<br>Tablet Device            | Page 125 of 615                   |

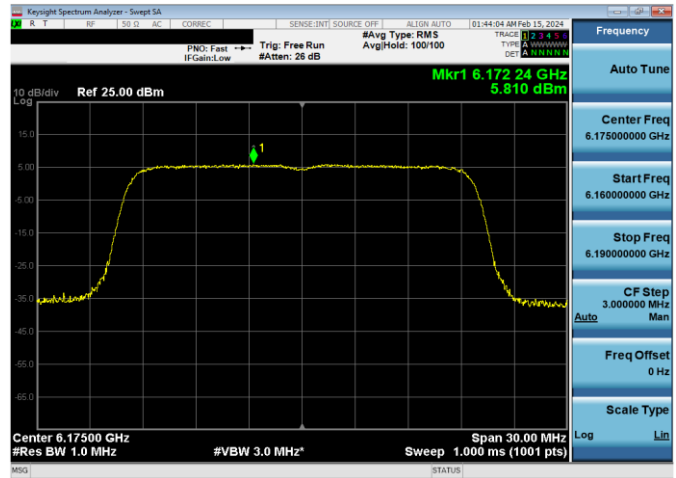
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5955            | 1       | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 5.98                             | -0.90              | 5.08                      | 17                         | -11.93      |
|        | 6175            | 45      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 5.81                             | -0.90              | 4.91                      | 17                         | -12.09      |
|        | 6415            | 93      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.38                             | -0.90              | 5.48                      | 17                         | -11.52      |
|        | 5965            | 3       | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.08                             | -0.90              | 2.18                      | 17                         | -14.82      |
|        | 6165            | 43      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.13                             | -0.90              | 2.23                      | 17                         | -14.77      |
|        | 6165            | 91      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.46                             | -0.90              | 2.56                      | 17                         | -14.44      |
|        | 5985            | 7       | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.29                             | -0.90              | -0.61                     | 17                         | -17.61      |
|        | 6145            | 39      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.13                             | -0.90              | -0.77                     | 17                         | -17.77      |
|        | 6385            | 87      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.46                             | -0.90              | -0.44                     | 17                         | -17.44      |
|        | 6025            | 15      | ax (160MHz) | 996     | 68       | 1020.8/1201 (MCS11) | -2.94                            | -0.90              | -3.84                     | 17                         | -20.84      |
|        | 6181            | 47      | ax (160MHz) | 996     | 68       | 1020.8/1201 (MCS11) | -2.82                            | -0.90              | -3.72                     | 17                         | -20.72      |
|        | 6345            | 79      | ax (160MHz) | 996     | 68       | 1020.8/1201 (MCS11) | -3.06                            | -0.90              | -3.96                     | 17                         | -20.96      |
|        | 6535            | 117     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 5.80                             | 1.00               | 6.80                      | 17                         | -10.20      |
|        | 6695            | 149     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 5.91                             | 1.00               | 6.91                      | 17                         | -10.09      |
| Band 7 | 6875            | 181     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 4.85                             | 1.00               | 5.85                      | 17                         | -11.15      |
|        | 6565            | 123     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.19                             | 1.00               | 4.19                      | 17                         | -12.81      |
|        | 6725            | 155     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.43                             | 1.00               | 4.43                      | 17                         | -12.57      |
|        | 6845            | 179     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.40                             | 1.00               | 4.40                      | 17                         | -12.61      |
|        | 6545            | 135     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -0.73                            | 1.00               | 0.27                      | 17                         | -16.73      |
|        | 6705            | 151     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.10                             | 1.00               | 1.10                      | 17                         | -15.90      |
|        | 6865            | 167     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.17                             | 1.00               | 1.17                      | 17                         | -15.84      |
|        | 6665            | 143     | ax (160MHz) | 996     | 68       | 1020.8/1201 (MCS11) | -2.90                            | 1.00               | -1.90                     | 17                         | -18.90      |

**Table 7-136. SP Power Spectral Density Measurements Antenna 2a (Fully loaded RU)**

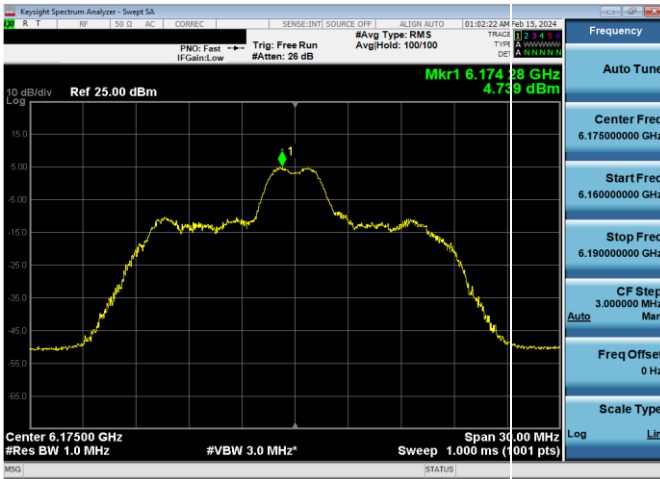
|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024  | EUT Type:<br>Tablet Device            | Page 126 of 615                   |



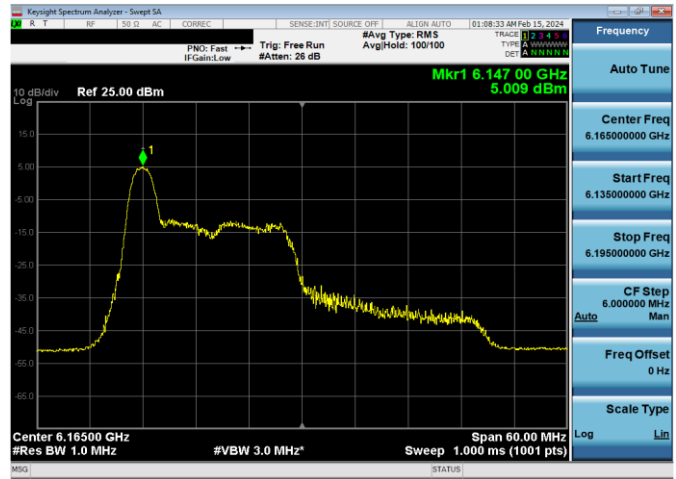
Plot 7-257. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



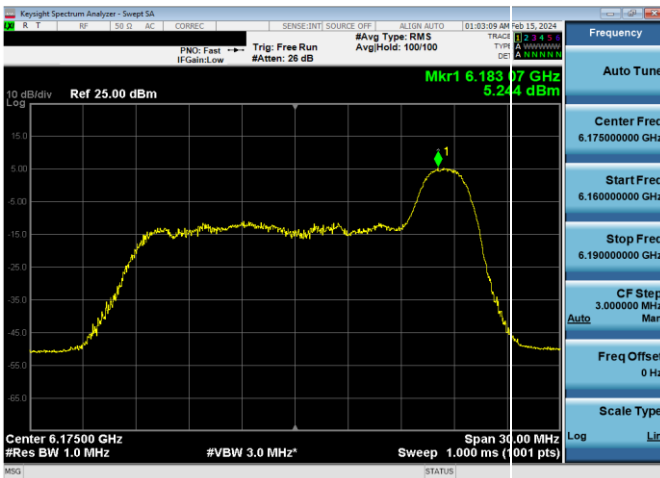
Plot 7-260. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



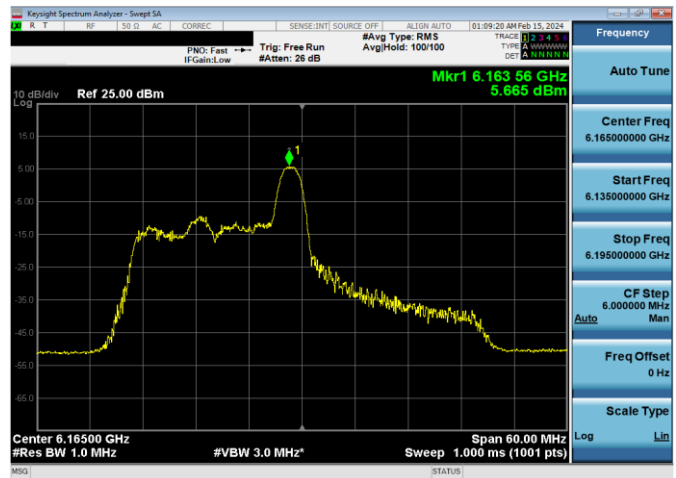
Plot 7-258. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-261. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



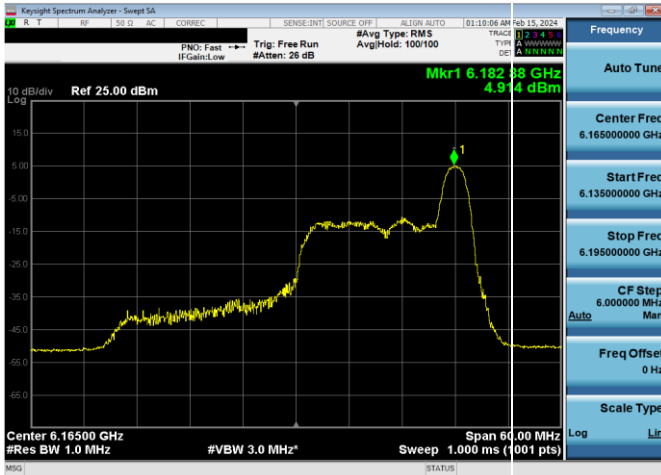
Plot 7-259. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



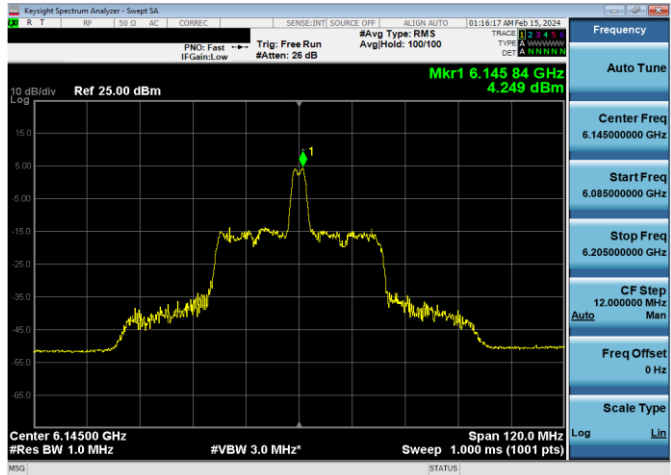
Plot 7-262. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

|  |  |   |                                   |
|--|--|---|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device                    | Page 127 of 615                   |

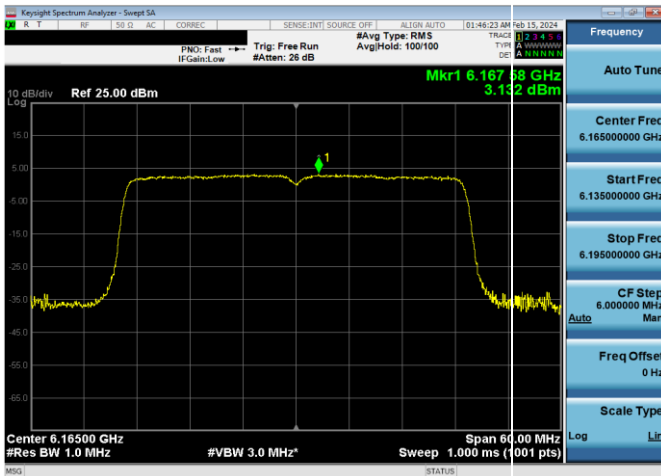




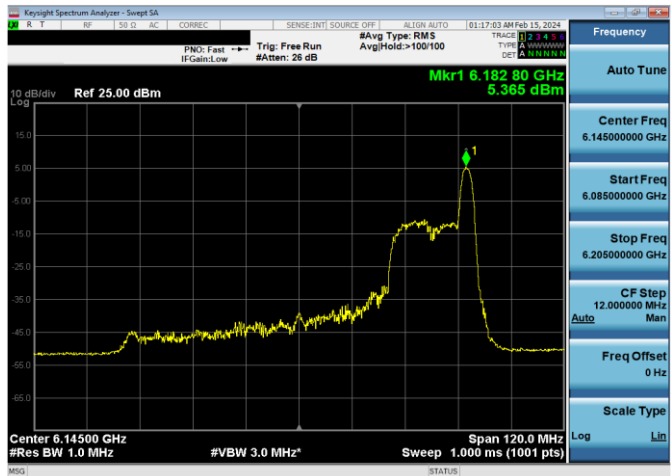
Plot 7-263. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 5) - Ch. 43)



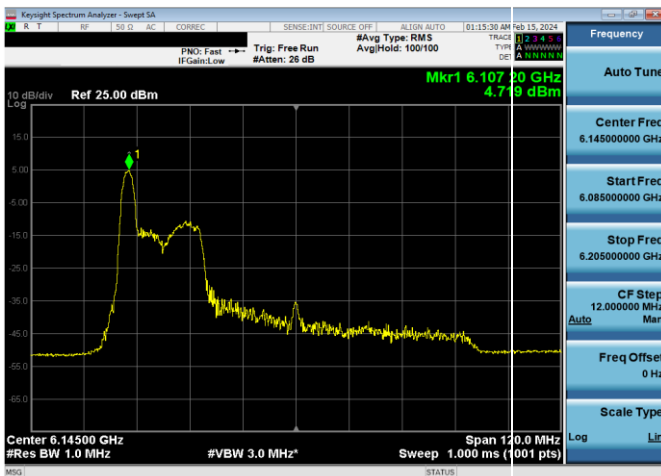
Plot 7-266. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU26 (UNII Band 5) - Ch. 39)



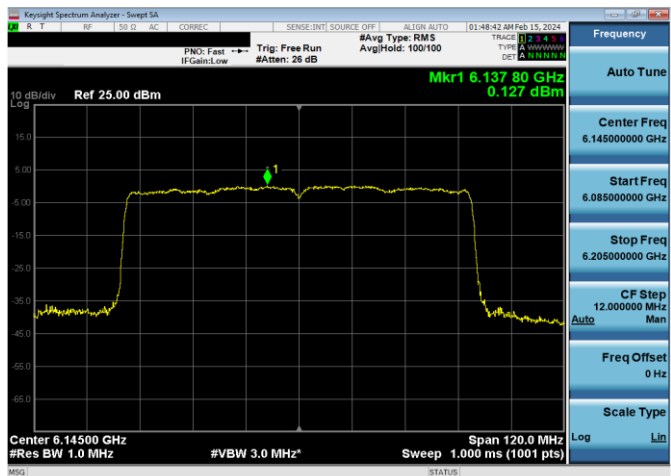
Plot 7-264. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU484 (UNII Band 5) - Ch. 43)



Plot 7-267. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU26 (UNII Band 5) - Ch. 39)

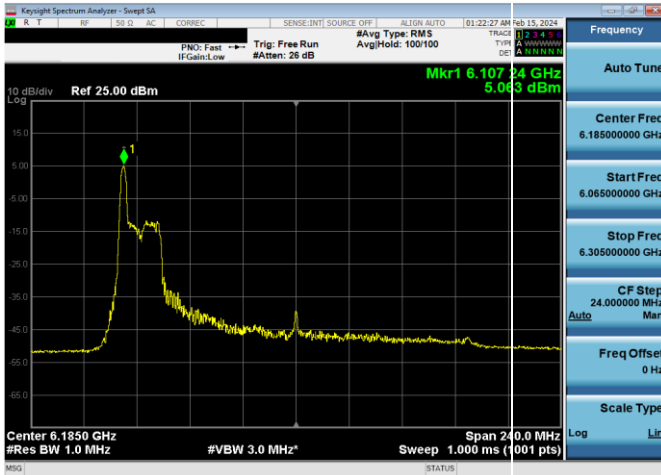


Plot 7-265. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU26 (UNII Band 5) - Ch. 39)

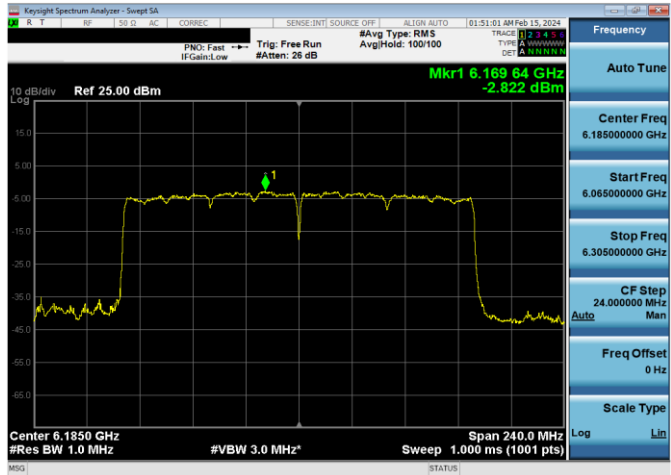


Plot 7-268. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU996 (UNII Band 5) - Ch. 39)

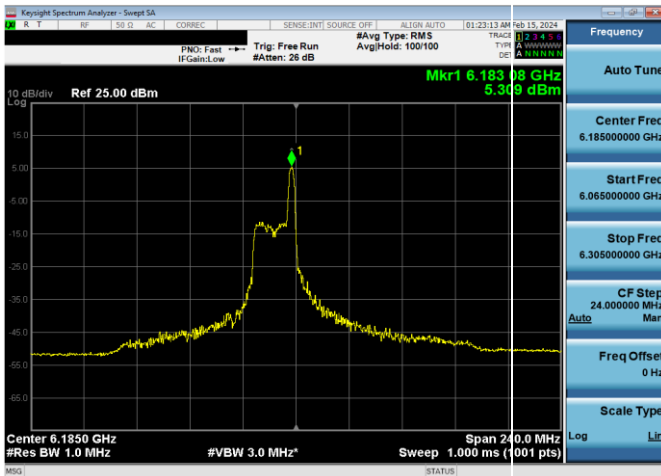
|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 128 of 615                   |



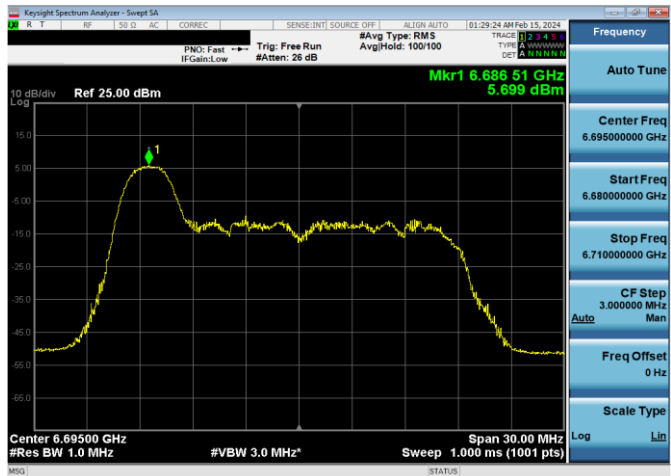
Plot 7-269. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



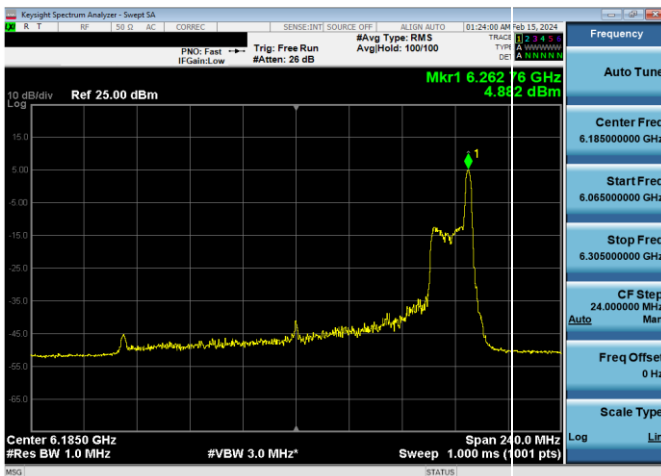
Plot 7-272. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



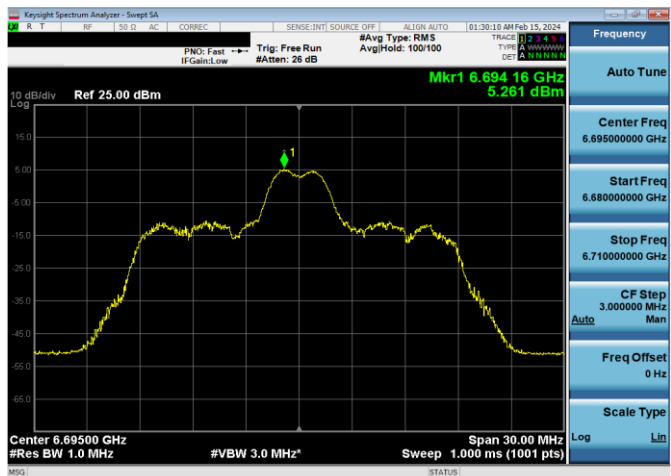
Plot 7-270. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-273. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

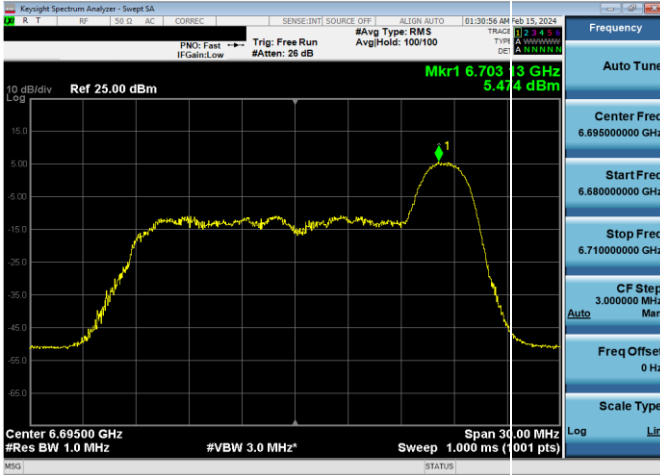


Plot 7-271. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-274. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

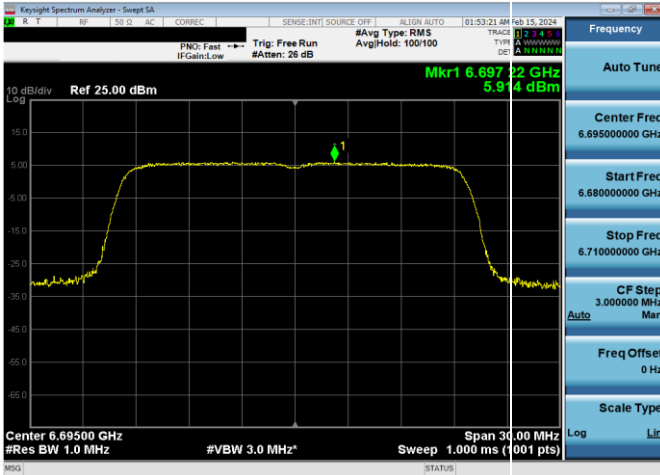
|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 129 of 615                   |



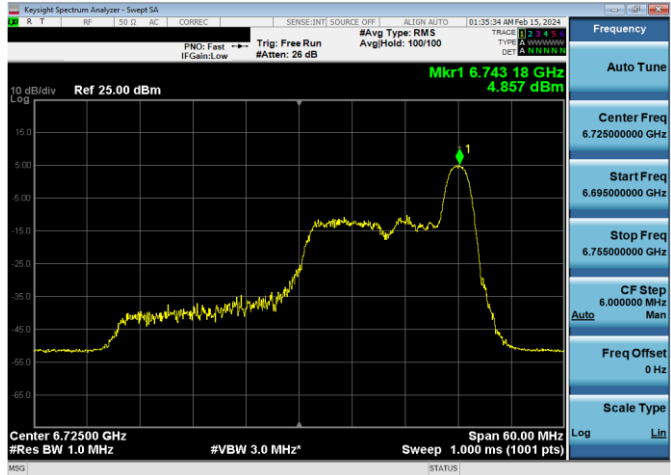
Plot 7-275. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



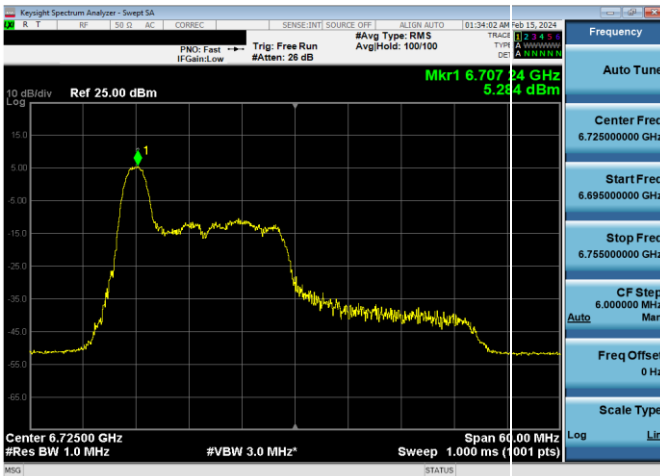
Plot 7-278. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



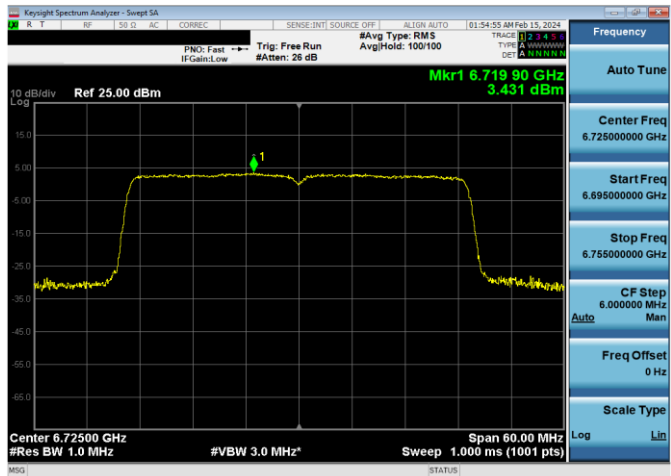
Plot 7-276. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-279. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



Plot 7-277. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



Plot 7-280. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)

|  |  |                                       |                                   |
|--|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-25-R1.BCG | Test Dates:<br>11/28/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 130 of 615                   |