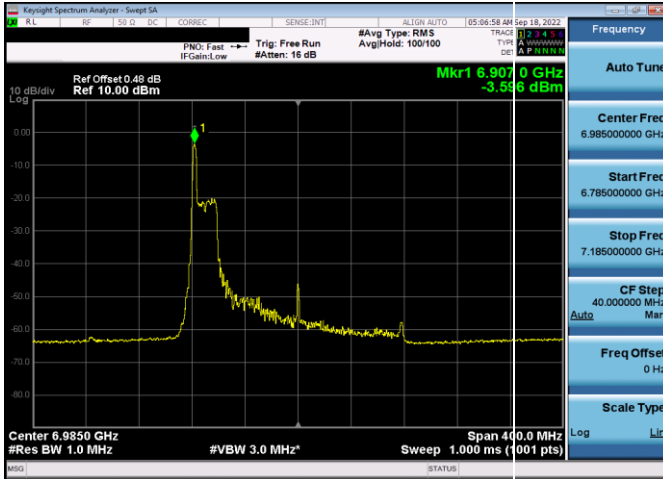
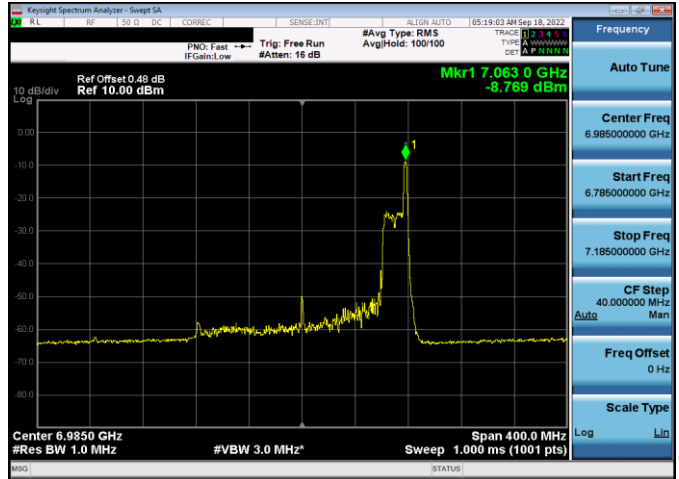
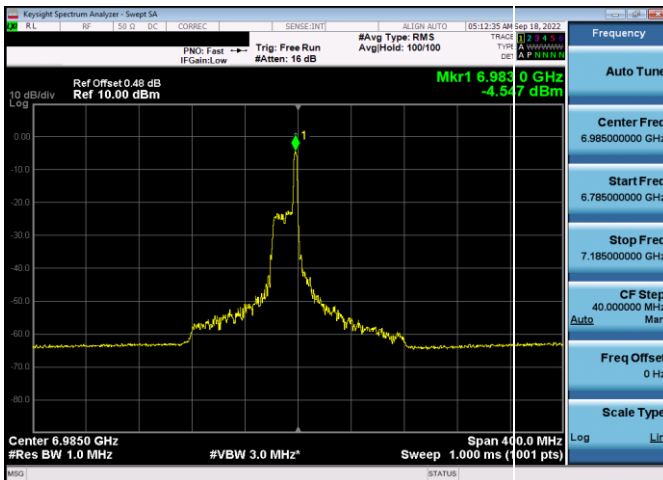




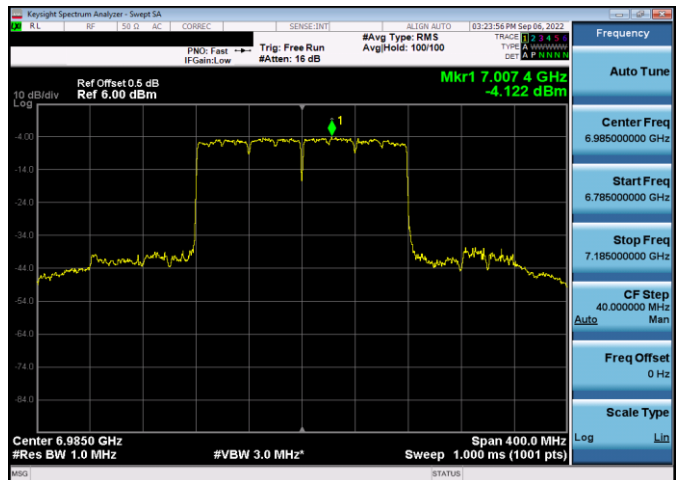
Plot 7-253. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-255. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-254. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-256. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU484 (UNII Band 8) – Ch. 207)

|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 89 of 323                    |

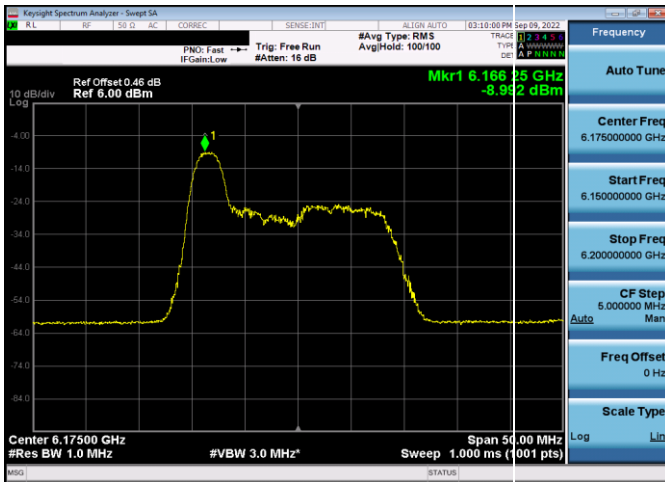
## 7.4.3 SDM Power Spectral Density Measurements

|        | Frequency [MHz] | Channel     | 802.11 Mode | RU Size | RU Index | Mode            | Data Rate [Mbps] | Antenna WFS1 Power Density [dBm/MHz] | Antenna WFS2 Power Density [dBm/MHz] | Summed SDM Power Density [dBm/MHz] | Directional Gain [dBi] | EIRP Density [dBm/MHz] | Max ERP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-----------------|------------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------|------------------------|---------------------------|-------------|
| Band 5 | 5935            | 1           | ax (20MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.03                               | -10.01                               | -7.01                              | 1.77                   | -5.23                  | -1                        | -4.23       |
|        | 5935            | 1           | ax (20MHz)  | 26      | 4        | SDM             | 25/29.4 (MCS11)  | -9.04                                | -9.53                                | -6.67                              | 1.77                   | -4.89                  | -1                        | -3.89       |
|        | 5935            | 1           | ax (20MHz)  | 26      | 8        | SDM             | 25/29.4 (MCS11)  | -9.90                                | -10.54                               | -7.20                              | 1.77                   | -5.42                  | -1                        | -4.42       |
|        | 6175            | 45          | ax (20MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -8.99                                | -9.52                                | -6.24                              | 1.65                   | -4.58                  | -1                        | -3.58       |
|        | 6175            | 45          | ax (20MHz)  | 26      | 4        | SDM             | 25/29.4 (MCS11)  | -9.44                                | -9.70                                | -6.55                              | 1.65                   | -4.90                  | -1                        | -3.90       |
|        | 6175            | 45          | ax (20MHz)  | 26      | 8        | SDM             | 25/29.4 (MCS11)  | -8.99                                | -9.58                                | -6.27                              | 1.65                   | -4.61                  | -1                        | -3.61       |
|        | 6415            | 93          | ax (20MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -12.11                               | -12.10                               | -9.14                              | 2.80                   | -6.34                  | -1                        | -5.34       |
|        | 6415            | 93          | ax (20MHz)  | 26      | 4        | SDM             | 25/29.4 (MCS11)  | -12.84                               | -12.94                               | -9.88                              | 2.80                   | -7.08                  | -1                        | -6.08       |
|        | 6415            | 93          | ax (20MHz)  | 26      | 8        | SDM             | 25/29.4 (MCS11)  | -10.42                               | -11.63                               | -7.97                              | 2.80                   | -5.17                  | -1                        | -4.17       |
|        | 5965            | 3           | ax (40MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -9.40                                | -8.89                                | -6.13                              | 1.77                   | -4.35                  | -1                        | -3.35       |
|        | 5965            | 3           | ax (40MHz)  | 26      | 8        | SDM             | 25/29.4 (MCS11)  | -9.00                                | -9.19                                | -6.08                              | 1.77                   | -4.31                  | -1                        | -3.31       |
|        | 5965            | 3           | ax (40MHz)  | 26      | 17       | SDM             | 25/29.4 (MCS11)  | -9.61                                | -9.70                                | -6.64                              | 1.77                   | -4.87                  | -1                        | -3.87       |
|        | 6165            | 43          | ax (40MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.46                               | -9.57                                | -6.98                              | 1.65                   | -5.33                  | -1                        | -4.33       |
|        | 6165            | 43          | ax (40MHz)  | 26      | 8        | SDM             | 25/29.4 (MCS11)  | -9.81                                | -8.84                                | -6.29                              | 1.65                   | -4.63                  | -1                        | -3.63       |
|        | 6165            | 43          | ax (40MHz)  | 26      | 17       | SDM             | 25/29.4 (MCS11)  | -9.65                                | -9.66                                | -6.64                              | 1.65                   | -4.99                  | -1                        | -3.99       |
|        | 6165            | 91          | ax (40MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.34                               | -10.13                               | -7.23                              | 2.86                   | -4.86                  | -1                        | -3.86       |
|        | 6165            | 91          | ax (40MHz)  | 26      | 8        | SDM             | 25/29.4 (MCS11)  | -9.70                                | -9.53                                | -6.60                              | 2.86                   | -5.74                  | -1                        | -4.74       |
|        | 6165            | 91          | ax (40MHz)  | 26      | 17       | SDM             | 25/29.4 (MCS11)  | -8.97                                | -9.97                                | -6.43                              | 2.86                   | -3.57                  | -1                        | -2.57       |
|        | 5985            | 7           | ax (80MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -9.96                                | -10.99                               | -7.43                              | 1.77                   | -5.66                  | -1                        | -4.66       |
|        | 5985            | 7           | ax (80MHz)  | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -9.58                                | -10.30                               | -6.91                              | 1.77                   | -5.14                  | -1                        | -4.14       |
|        | 5985            | 7           | ax (80MHz)  | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -8.99                                | -10.18                               | -6.53                              | 1.77                   | -4.76                  | -1                        | -3.76       |
|        | 6145            | 39          | ax (80MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.04                               | -10.34                               | -7.18                              | 1.65                   | -5.52                  | -1                        | -4.52       |
|        | 6145            | 39          | ax (80MHz)  | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -9.24                                | -10.15                               | -6.66                              | 1.65                   | -5.00                  | -1                        | -4.00       |
|        | 6145            | 39          | ax (80MHz)  | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -8.84                                | -10.01                               | -6.37                              | 1.65                   | -4.72                  | -1                        | -3.72       |
|        | 6385            | 87          | ax (80MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.76                               | -10.91                               | -7.82                              | 2.86                   | -4.96                  | -1                        | -3.96       |
|        | 6385            | 87          | ax (80MHz)  | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -10.31                               | -11.14                               | -7.70                              | 2.86                   | -4.83                  | -1                        | -3.83       |
|        | 6385            | 87          | ax (80MHz)  | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -9.98                                | -10.98                               | -7.58                              | 2.86                   | -5.07                  | -1                        | -4.07       |
|        | 6025            | 15          | ax (160MHz) | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -9.75                                | -10.47                               | -7.09                              | 1.85                   | -5.23                  | -1                        | -4.23       |
|        | 6025            | 15          | ax (160MHz) | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -10.26                               | -11.25                               | -7.72                              | 1.85                   | -5.86                  | -1                        | -4.86       |
|        | 6025            | 15          | ax (160MHz) | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -10.32                               | -10.58                               | -7.44                              | 1.85                   | -5.58                  | -1                        | -4.58       |
|        | 6185            | 47          | ax (160MHz) | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -13.17                               | -13.68                               | -10.41                             | 1.65                   | -8.75                  | -1                        | -7.75       |
|        | 6185            | 47          | ax (160MHz) | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -10.29                               | -10.65                               | -7.45                              | 1.65                   | -5.80                  | -1                        | -4.80       |
|        | 6185            | 47          | ax (160MHz) | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -11.06                               | -11.04                               | -8.04                              | 1.65                   | -6.39                  | -1                        | -5.39       |
|        | 6345            | 79          | ax (160MHz) | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.59                               | -11.13                               | -7.84                              | 2.86                   | -4.98                  | -1                        | -3.98       |
|        | 6345            | 79          | ax (160MHz) | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -11.70                               | -12.81                               | -9.21                              | 2.86                   | -6.34                  | -1                        | -5.34       |
|        | 6345            | 79          | ax (160MHz) | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -11.92                               | -10.96                               | -8.40                              | 2.86                   | -5.54                  | -1                        | -4.54       |
| 6345   | 97              | ax (20MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -11.48           | -11.69                               | -8.18                                | 2.80                               | -5.58                  | -1                     | -4.58                     |             |
| 6345   | 97              | ax (20MHz)  | 26          | 4       | SDM      | 25/29.4 (MCS11) | -11.39           | -12.18                               | -8.75                                | 2.80                               | -5.95                  | -1                     | -4.95                     |             |
| 6345   | 97              | ax (20MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -10.38           | -11.47                               | -7.88                                | 2.80                               | -5.07                  | -1                     | -4.07                     |             |
| 6475   | 105             | ax (20MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -11.59           | -11.52                               | -8.55                                | 2.80                               | -5.74                  | -1                     | -4.74                     |             |
| 6475   | 105             | ax (20MHz)  | 26          | 4       | SDM      | 25/29.4 (MCS11) | -11.68           | -12.19                               | -8.92                                | 2.80                               | -6.11                  | -1                     | -5.11                     |             |
| 6475   | 105             | ax (20MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -11.20           | -11.98                               | -8.56                                | 2.80                               | -5.76                  | -1                     | -4.76                     |             |
| 6515   | 113             | ax (20MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.65           | -11.09                               | -7.85                                | 2.85                               | -5.01                  | -1                     | -4.01                     |             |
| 6515   | 113             | ax (20MHz)  | 26          | 4       | SDM      | 25/29.4 (MCS11) | -11.13           | -11.54                               | -8.32                                | 2.85                               | -5.48                  | -1                     | -4.48                     |             |
| 6515   | 113             | ax (20MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -10.87           | -10.95                               | -7.90                                | 2.85                               | -5.05                  | -1                     | -4.05                     |             |
| 6445   | 99              | ax (40MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.74           | -10.68                               | -7.69                                | 2.80                               | -4.89                  | -1                     | -3.89                     |             |
| 6445   | 99              | ax (40MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -9.55            | -9.74                                | -6.64                                | 2.80                               | -4.83                  | -1                     | -3.83                     |             |
| 6445   | 99              | ax (40MHz)  | 26          | 17      | SDM      | 25/29.4 (MCS11) | -10.54           | -10.96                               | -7.73                                | 2.80                               | -4.93                  | -1                     | -3.93                     |             |
| 6485   | 107             | ax (40MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.45           | -10.96                               | -7.69                                | 2.80                               | -4.88                  | -1                     | -3.88                     |             |
| 6485   | 107             | ax (40MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -9.28            | -10.29                               | -6.75                                | 2.80                               | -3.94                  | -1                     | -2.94                     |             |
| 6485   | 107             | ax (40MHz)  | 26          | 17      | SDM      | 25/29.4 (MCS11) | -10.20           | -10.89                               | -7.52                                | 2.80                               | -4.72                  | -1                     | -3.72                     |             |
| 6525   | 115             | ax (40MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.85           | -10.65                               | -7.74                                | 2.85                               | -4.90                  | -1                     | -3.90                     |             |
| 6525   | 115             | ax (40MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -9.54            | -9.94                                | -6.72                                | 2.85                               | -3.88                  | -1                     | -2.88                     |             |
| 6525   | 115             | ax (40MHz)  | 26          | 17      | SDM      | 25/29.4 (MCS11) | -10.22           | -11.03                               | -7.59                                | 2.85                               | -4.75                  | -1                     | -3.75                     |             |
| 6465   | 103             | ax (80MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -11.52           | -12.15                               | -8.82                                | 2.80                               | -6.01                  | -1                     | -5.01                     |             |
| 6465   | 103             | ax (80MHz)  | 26          | 18      | SDM      | 25/29.4 (MCS11) | -11.52           | -12.45                               | -8.95                                | 2.80                               | -6.14                  | -1                     | -5.14                     |             |
| 6465   | 103             | ax (80MHz)  | 26          | 36      | SDM      | 25/29.4 (MCS11) | -11.17           | -12.30                               | -8.69                                | 2.80                               | -5.80                  | -1                     | -4.80                     |             |
| 6505   | 111             | ax (160MHz) | 26          | 0       | SDM      | 25/29.4 (MCS11) | -11.93           | -12.54                               | -9.22                                | 2.85                               | -6.37                  | -1                     | -5.37                     |             |
| 6505   | 111             | ax (160MHz) | 26          | 18      | SDM      | 25/29.4 (MCS11) | -10.70           | -10.66                               | -7.67                                | 2.85                               | -4.83                  | -1                     | -3.83                     |             |
| 6505   | 111             | ax (160MHz) | 26          | 36      | SDM      | 25/29.4 (MCS11) | -11.32           | -12.33                               | -8.79                                | 2.85                               | -5.94                  | -1                     | -4.94                     |             |
| 6535   | 117             | ax (20MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.68           | -10.81                               | -7.74                                | 2.85                               | -4.89                  | -1                     | -3.89                     |             |
| 6535   | 117             | ax (20MHz)  | 26          | 4       | SDM      | 25/29.4 (MCS11) | -11.64           | -11.18                               | -8.39                                | 2.85                               | -5.51                  | -1                     | -4.51                     |             |
| 6535   | 117             | ax (20MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -10.80           | -10.49                               | -7.63                                | 2.85                               | -4.79                  | -1                     | -3.79                     |             |
| 6695   | 149             | ax (20MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.94           | -10.20                               | -7.54                                | 2.67                               | -4.87                  | -1                     | -3.87                     |             |
| 6695   | 149             | ax (20MHz)  | 26          | 4       | SDM      | 25/29.4 (MCS11) | -11.33           | -10.85                               | -8.07                                | 2.67                               | -5.40                  | -1                     | -4.40                     |             |
| 6695   | 149             | ax (20MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -11.14           | -10.49                               | -7.79                                | 2.67                               | -5.11                  | -1                     | -4.11                     |             |
| 6875   | 185             | ax (20MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -9.00            | -8.98                                | -5.98                                | 0.76                               | -5.23                  | -1                     | -4.23                     |             |
| 6875   | 185             | ax (20MHz)  | 26          | 4       | SDM      | 25/29.4 (MCS11) | -9.41            | -9.75                                | -6.56                                | 0.76                               | -5.81                  | -1                     | -4.81                     |             |
| 6875   | 185             | ax (20MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -9.40            | -9.49                                | -6.44                                | 0.76                               | -5.68                  | -1                     | -4.68                     |             |
| 6565   | 123             | ax (40MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.82           | -11.31                               | -8.05                                | 2.85                               | -5.20                  | -1                     | -4.20                     |             |
| 6565   | 123             | ax (40MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -10.27           | -10.55                               | -7.40                                | 2.85                               | -4.55                  | -1                     | -3.55                     |             |
| 6565   | 123             | ax (40MHz)  | 26          | 17      | SDM      | 25/29.4 (MCS11) | -11.07           | -11.27                               | -8.16                                | 2.85                               | -5.31                  | -1                     | -4.31                     |             |
| 6725   | 155             | ax (40MHz)  | 26          | 0       | SDM      | 25/29.4 (MCS11) | -10.02           | -9.99                                | -7.00                                | 2.02                               | -4.97                  | -1                     | -3.97                     |             |
| 6725   | 155             | ax (40MHz)  | 26          | 8       | SDM      | 25/29.4 (MCS11) | -9.73            | -9.68                                | -6.69                                | 2.02                               | -4.67                  | -1                     | -3.67                     |             |
| 6725   | 155             | ax (40MHz)  | 26          | 17      | SDM      | 25/29.4 (MCS11) | -10.16           | -10.57                               | -7.35                                | 2.02                               | -5.33                  | -1                     | -4.33                     |             |
| Band 7 | 6845            | 179         | ax (40MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.32                               | -9.68                                | -6.98                              | 0.76                   | -6.23                  | -1                        | -5.23       |
|        | 6845            | 179         | ax (40MHz)  | 26      | 8        | SDM             | 25/29.4 (MCS11)  | -9.15                                | -9.59                                | -6.36                              | 0.76                   | -5.60                  | -1                        | -4.60       |
|        | 6845            | 179         | ax (40MHz)  | 26      | 17       | SDM             | 25/29.4 (MCS11)  | -10.52                               | -10.88                               | -7.69                              | 0.76                   | -6.93                  | -1                        | -5.93       |
|        | 6545            | 119         | ax (80MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -10.46                               | -10.49                               | -7.47                              | 2.85                   | -4.62                  | -1                        | -3.62       |
|        | 6545            | 119         | ax (80MHz)  | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -10.75                               | -10.37                               | -7.54                              | 2.85                   | -4.70                  | -1                        | -3.70       |
|        | 6545            | 119         | ax (80MHz)  | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -10.28                               | -10.54                               | -7.40                              | 2.85                   | -4.55                  | -1                        | -3.55       |
|        | 6705            | 151         | ax (80MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -9.84                                | -8.64                                | -6.19                              | 2.67                   | -3.51                  | -1                        | -2.51       |
|        | 6705            | 151         | ax (80MHz)  | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -10.32                               | -9.34                                | -6.79                              | 2.67                   | -4.12                  | -1                        | -3.12       |
|        | 6705            | 151         | ax (80MHz)  | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -11.36                               | -10.29                               | -7.78                              | 2.67                   | -5.11                  | -1                        | -4.11       |
|        | 6865            | 183         | ax (80MHz)  | 26      | 0        | SDM             | 25/29.4 (MCS11)  | -8.28                                | -7.47                                | -4.85                              | 0.76                   | -4.09                  | -1                        | -3.09       |
|        | 6865            | 183         | ax (80MHz)  | 26      | 18       | SDM             | 25/29.4 (MCS11)  | -8.09                                | -6.77                                | -5.92                              | 0.76                   | -5.16                  | -1                        | -4.16       |
|        | 6865            | 183         | ax (80MHz)  | 26      | 36       | SDM             | 25/29.4 (MCS11)  | -9.48                                | -9.52                                | -6.69                              | 0.76                   | -5.93                  | -1                        | -4.93       |
| Band 8 | 6665            | 143         | ax (160MHz) | 26      | 0        | SDM             | 25/29.4 (MCS11)  |                                      |                                      |                                    |                        |                        |                           |             |

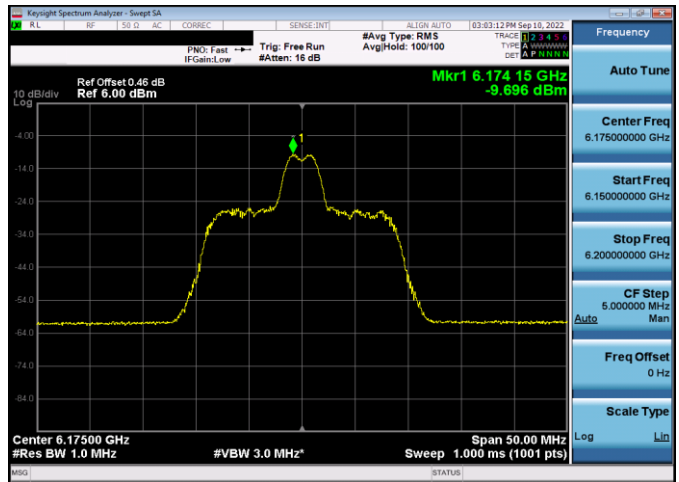
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Mode | Data Rate [Mbps]    | Antenna WF5t Power Density [dBm/MHz] | Antenna WF5b Power Density [dBm/MHz] | Summed SDM Power Density [dBm/MHz] | Directional Gain [dBi] | e.i.r.p Density [dBm/MHz] | Max EIRP Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|------|---------------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------|---------------------------|----------------------------|-------------|
| Band 5 | 5955            | 1       | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -17.34                               | -17.44                               | -14.38                             | 1.77                   | -12.60                    | -1                         | -11.60      |
|        | 6175            | 45      | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -12.55                               | -12.04                               | -9.28                              | 1.65                   | -7.62                     | -1                         | -6.62       |
|        | 6415            | 93      | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -14.30                               | -14.47                               | -11.37                             | 2.80                   | -8.57                     | -1                         | -7.57       |
|        | 5965            | 3       | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -12.59                               | -12.56                               | -9.56                              | 1.77                   | -7.79                     | -1                         | -6.79       |
|        | 6165            | 43      | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -12.01                               | -11.53                               | -8.75                              | 1.65                   | -7.10                     | -1                         | -6.10       |
|        | 6405            | 91      | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -12.91                               | -11.94                               | -9.38                              | 2.86                   | -6.52                     | -1                         | -5.52       |
|        | 5985            | 7       | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -10.79                               | -10.79                               | -7.78                              | 1.77                   | -6.01                     | -1                         | -5.01       |
|        | 6145            | 39      | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -8.44                                | -8.46                                | -5.44                              | 1.65                   | -3.79                     | -1                         | -2.79       |
|        | 6385            | 87      | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -8.91                                | -8.95                                | -5.92                              | 2.86                   | -3.06                     | -1                         | -2.06       |
|        | 6025            | 15      | ax (160MHz) | 996     | 68       | SDM  | 2041.6/2402 (MCS11) | -10.90                               | -10.82                               | -7.85                              | 1.85                   | -6.00                     | -1                         | -5.00       |
| Band 6 | 6185            | 47      | ax (160MHz) | 996     | 68       | SDM  | 2041.6/2402 (MCS11) | -10.67                               | -10.06                               | -7.35                              | 1.65                   | -5.69                     | -1                         | -4.69       |
|        | 6345            | 79      | ax (160MHz) | 996     | 68       | SDM  | 2041.6/2402 (MCS11) | -11.06                               | -10.56                               | -7.79                              | 2.86                   | -4.93                     | -1                         | -3.93       |
|        | 6435            | 97      | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -14.58                               | -15.24                               | -11.89                             | 2.80                   | -9.08                     | -1                         | -8.08       |
|        | 6475            | 105     | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -15.04                               | -14.43                               | -11.71                             | 2.80                   | -8.91                     | -1                         | -7.91       |
|        | 6515            | 113     | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -14.89                               | -13.85                               | -11.32                             | 2.85                   | -8.48                     | -1                         | -7.48       |
|        | 6445            | 99      | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -12.96                               | -11.97                               | -9.43                              | 2.80                   | -6.62                     | -1                         | -5.62       |
|        | 6485            | 107     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -13.37                               | -12.74                               | -10.04                             | 2.80                   | -7.23                     | -1                         | -6.23       |
|        | 6525            | 115     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -13.36                               | -12.41                               | -9.85                              | 2.85                   | -7.00                     | -1                         | -6.00       |
|        | 6465            | 103     | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -11.83                               | -11.58                               | -8.69                              | 2.80                   | -5.89                     | -1                         | -4.89       |
|        | 6505            | 111     | ax (160MHz) | 996     | 68       | SDM  | 2041.6/2402 (MCS11) | -11.13                               | -10.84                               | -7.97                              | 2.85                   | -5.13                     | -1                         | -4.13       |
| Band 7 | 6535            | 117     | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -14.89                               | -13.80                               | -11.30                             | 2.85                   | -8.45                     | -1                         | -7.45       |
|        | 6695            | 149     | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -14.92                               | -13.68                               | -11.25                             | 2.67                   | -8.57                     | -1                         | -7.57       |
|        | 6875            | 185     | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -12.84                               | -12.52                               | -9.67                              | 0.76                   | -8.91                     | -1                         | -7.91       |
|        | 6565            | 123     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -13.74                               | -13.73                               | -10.73                             | 2.85                   | -7.88                     | -1                         | -6.88       |
|        | 6725            | 155     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -13.14                               | -12.80                               | -9.96                              | 2.02                   | -7.93                     | -1                         | -6.93       |
|        | 6845            | 179     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -12.78                               | -12.10                               | -9.41                              | 0.76                   | -8.66                     | -1                         | -7.66       |
|        | 6545            | 119     | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -11.41                               | -11.64                               | -8.51                              | 2.85                   | -5.67                     | -1                         | -4.67       |
|        | 6705            | 151     | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -11.06                               | -11.24                               | -8.14                              | 2.67                   | -5.46                     | -1                         | -4.46       |
|        | 6865            | 183     | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -11.40                               | -11.13                               | -8.25                              | 0.76                   | -7.50                     | -1                         | -6.50       |
|        | 6665            | 143     | ax (160MHz) | 996     | 68       | SDM  | 2041.6/2402 (MCS11) | -11.28                               | -10.88                               | -8.07                              | 2.67                   | -5.39                     | -1                         | -4.39       |
| Band 8 | 6825            | 175     | ax (160MHz) | 996     | 68       | SDM  | 2041.6/2402 (MCS11) | -11.35                               | -11.20                               | -8.27                              | 0.76                   | -7.51                     | -1                         | -6.51       |
|        | 6895            | 189     | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -10.33                               | -8.98                                | -6.59                              | 0.76                   | -5.83                     | -1                         | -4.83       |
|        | 6995            | 209     | ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -10.84                               | -9.75                                | -7.25                              | -0.21                  | -7.46                     | -1                         | -6.46       |
|        | 6885            | 187     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -11.93                               | -11.20                               | -8.54                              | 0.76                   | -7.78                     | -1                         | -6.78       |
|        | 7005            | 211     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -8.77                                | -8.62                                | -5.68                              | -0.21                  | -5.90                     | -1                         | -4.90       |
|        | 7085            | 227     | ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.03                                | -8.81                                | -5.91                              | -0.97                  | -6.87                     | -1                         | -5.87       |
|        | 6945            | 199     | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -9.02                                | -8.68                                | -5.84                              | -0.21                  | -6.05                     | -1                         | -5.05       |
|        | 7025            | 215     | ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -9.24                                | -8.67                                | -5.94                              | -0.87                  | -6.81                     | -1                         | -5.81       |
|        | 6985            | 207     | ax (160MHz) | 996     | 68       | SDM  | 2041.6/2402 (MCS11) | -8.94                                | -8.48                                | -5.69                              | -0.21                  | -5.90                     | -1                         | -4.90       |

**Table 7-47. Power Spectral Density Measurements SDM (Fully-loaded RU)**

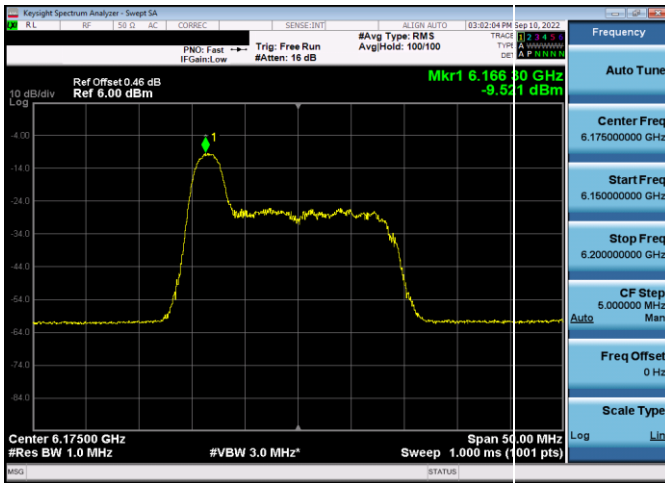
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG | Test Dates:<br>5/30/2022 - 9/16/2022                                                                                              | EUT Type:<br>Tablet Device | Page 91 of 323                    |



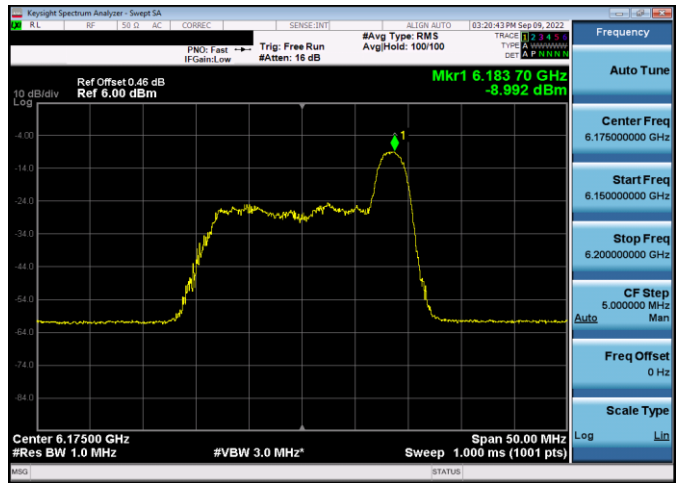
Plot 7-257. Power Spectral Density Plot SDM Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



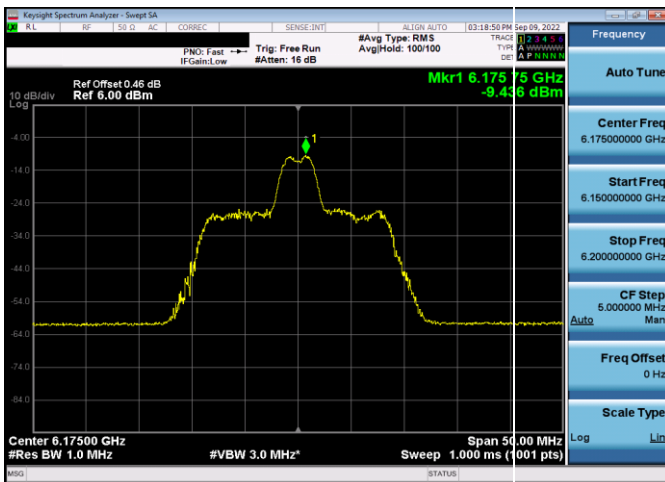
Plot 7-260. Power Spectral Density Plot SDM Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



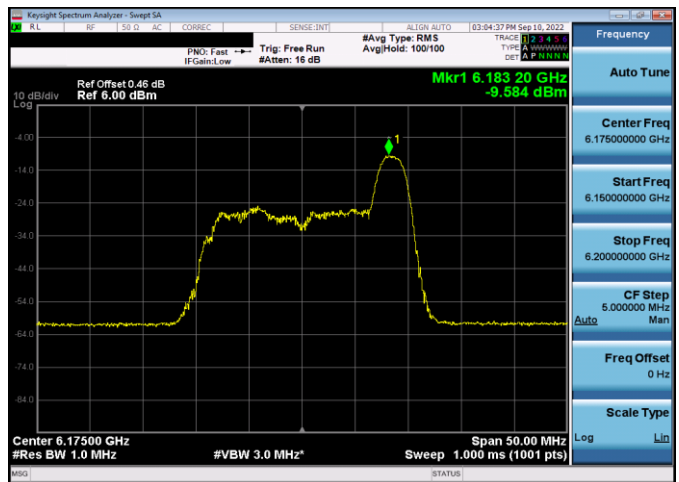
Plot 7-258. Power Spectral Density Plot SDM Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-261. Power Spectral Density Plot SDM Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

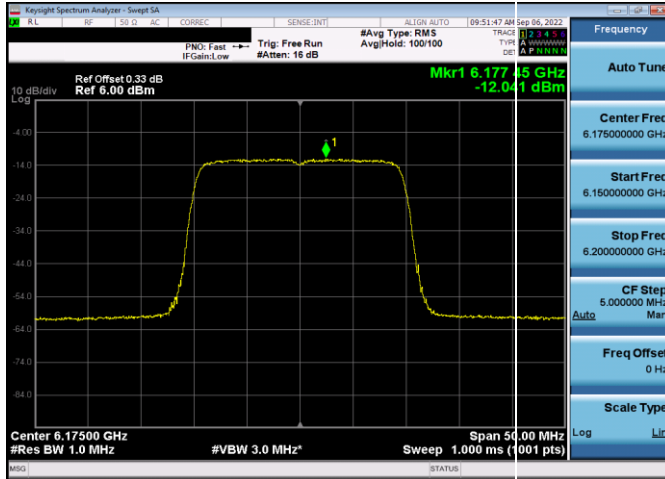


Plot 7-259. Power Spectral Density Plot SDM Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



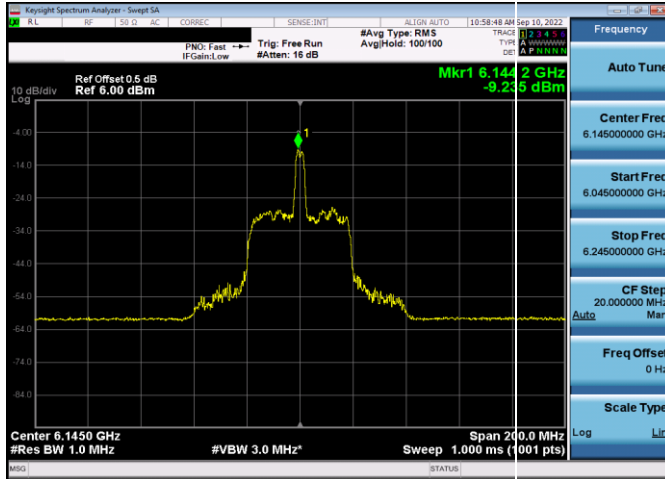
Plot 7-262. Power Spectral Density Plot SDM Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 92 of 323                    |

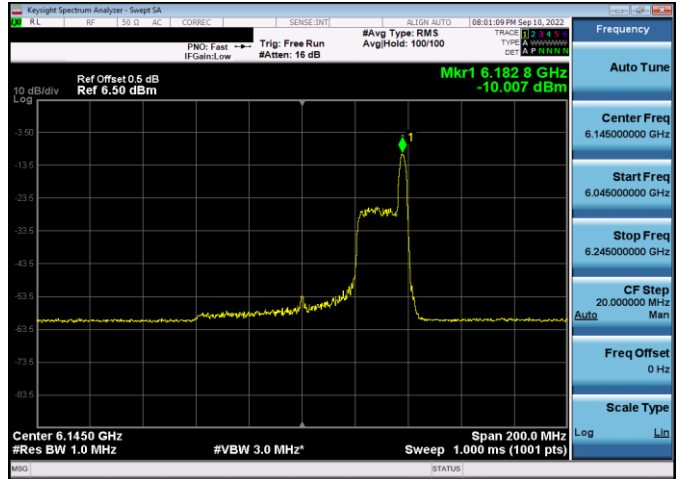




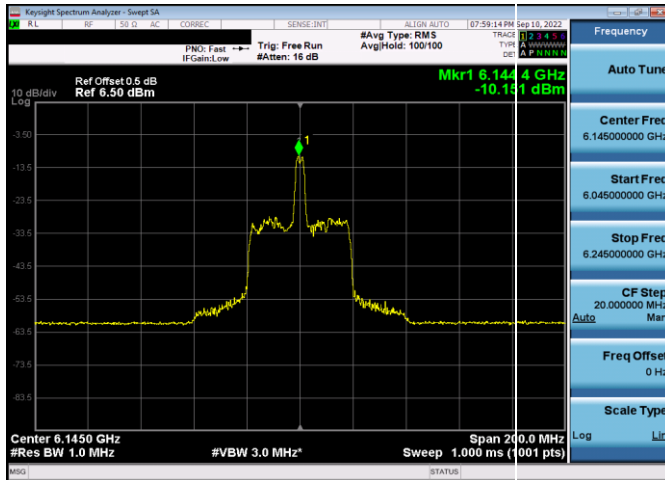




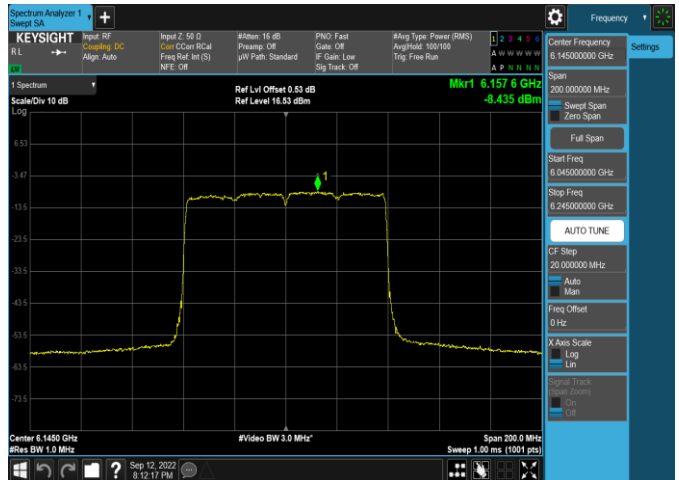
Plot 7-275. Power Spectral Density Plot SDM Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



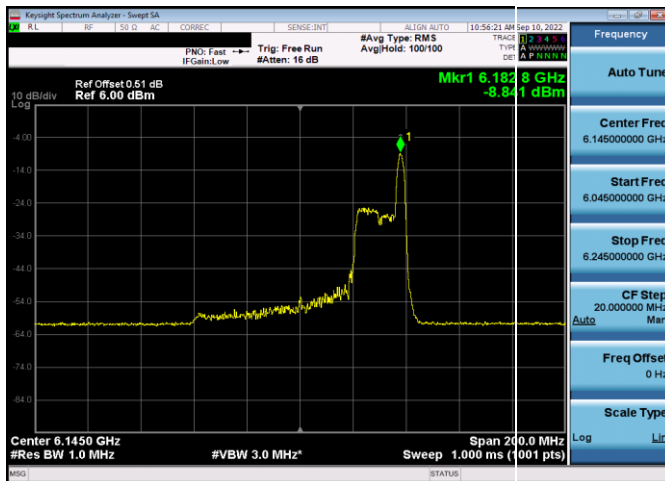
Plot 7-278. Power Spectral Density Plot SDM Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



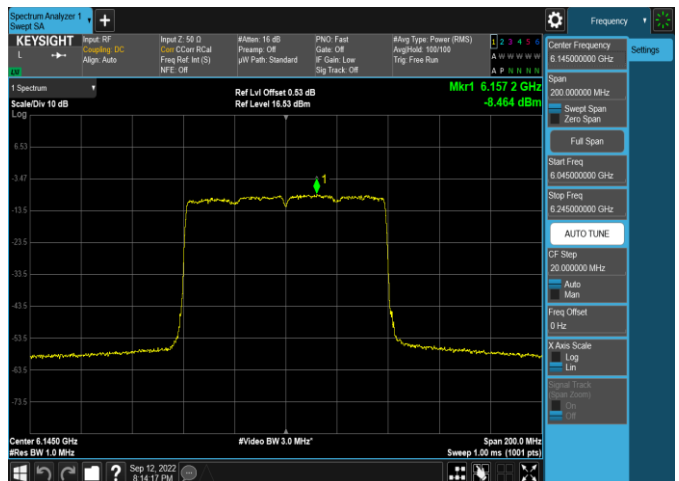
Plot 7-276. Power Spectral Density Plot SDM Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



Plot 7-279. Power Spectral Density Plot SDM Antenna WF5t (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)



Plot 7-277. Power Spectral Density Plot SDM Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

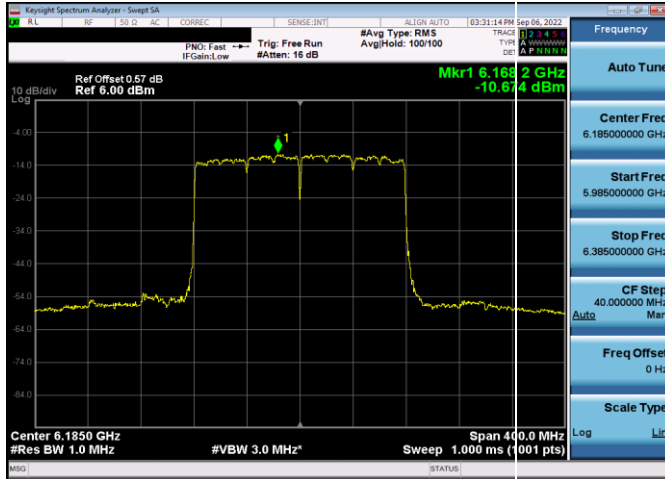


Plot 7-280. Power Spectral Density Plot SDM Antenna WF5b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

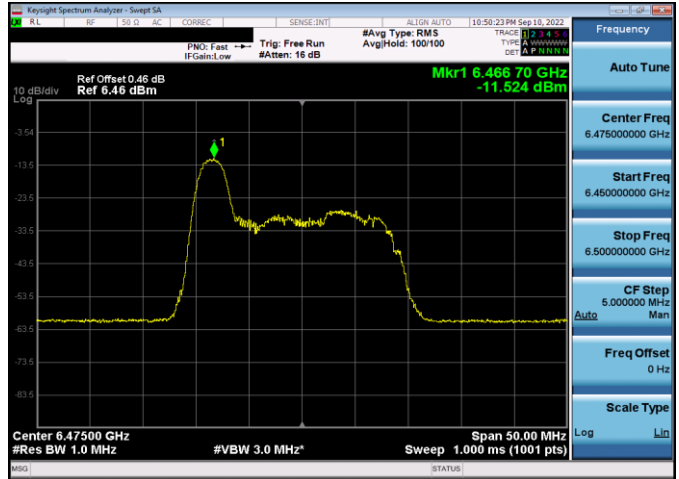
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 95 of 323                    |



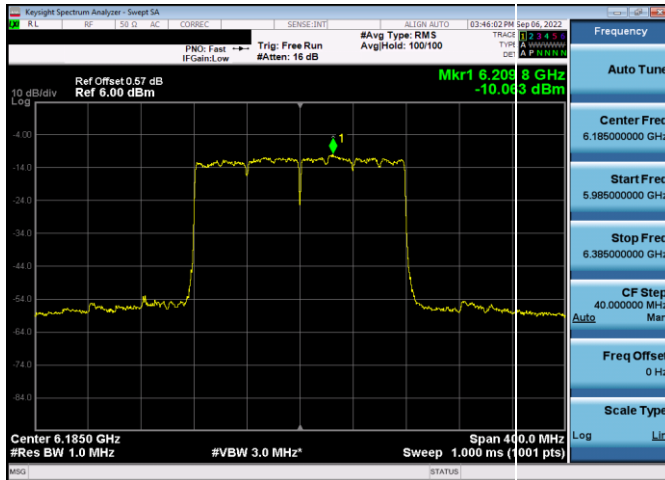




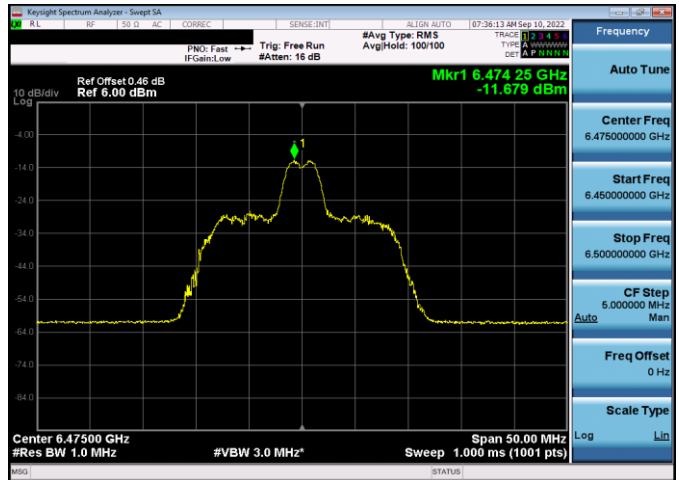
Plot 7-287. Power Spectral Density Plot SDM Antenna WF5t (160MHz 802.11ax RU484 (UNII Band 5) – Ch. 47)



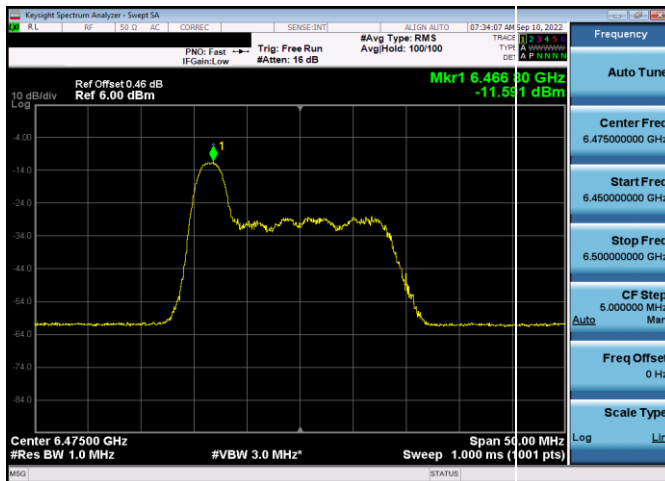
Plot 7-290. Power Spectral Density Plot SDM Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



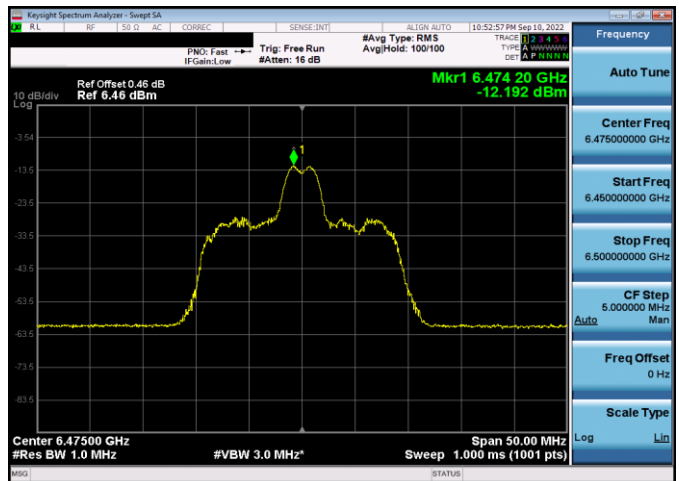
Plot 7-288. Power Spectral Density Plot SDM Antenna WF5b (160MHz 802.11ax RU484 (UNII Band 5) – Ch. 47)



Plot 7-291. Power Spectral Density Plot SDM Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

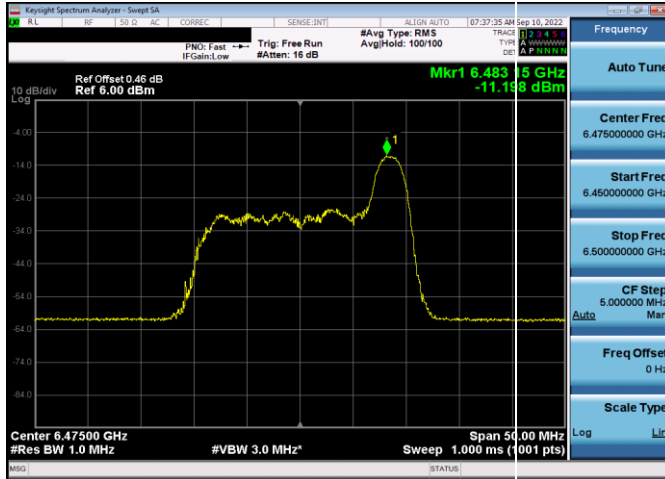


Plot 7-289. Power Spectral Density Plot SDM Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

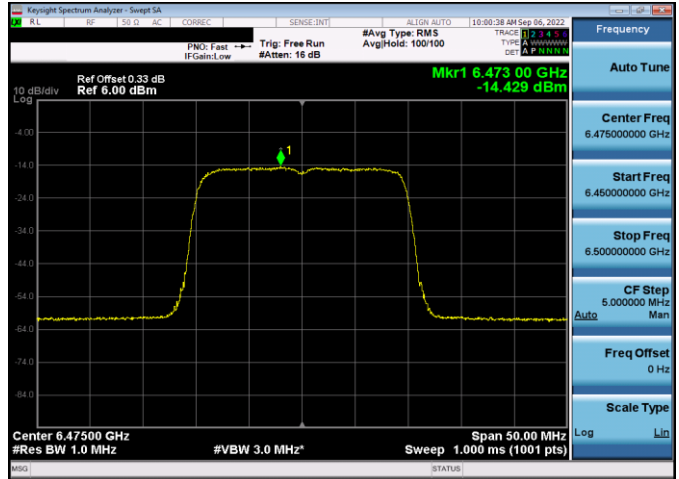


Plot 7-292. Power Spectral Density Plot SDM Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

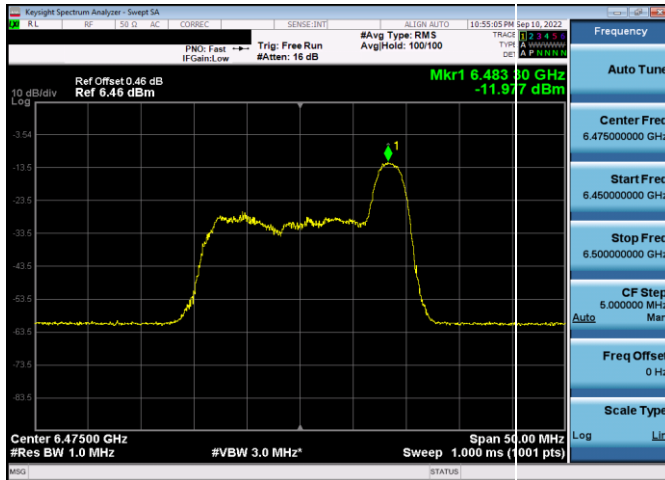
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                                      | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 97 of 323                    |



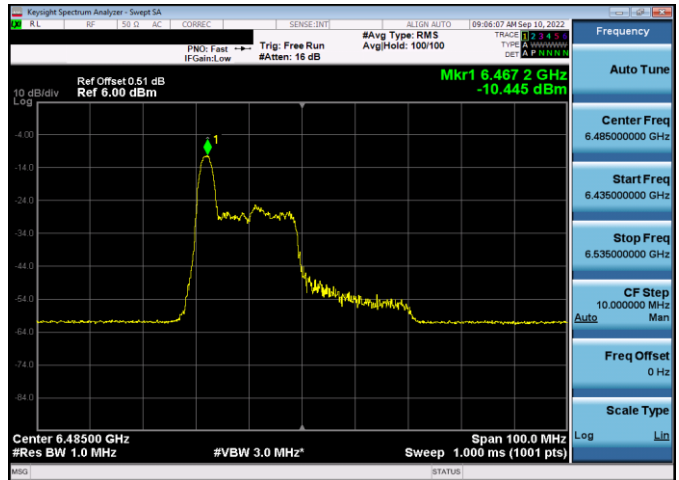
Plot 7-293. Power Spectral Density Plot SDM Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



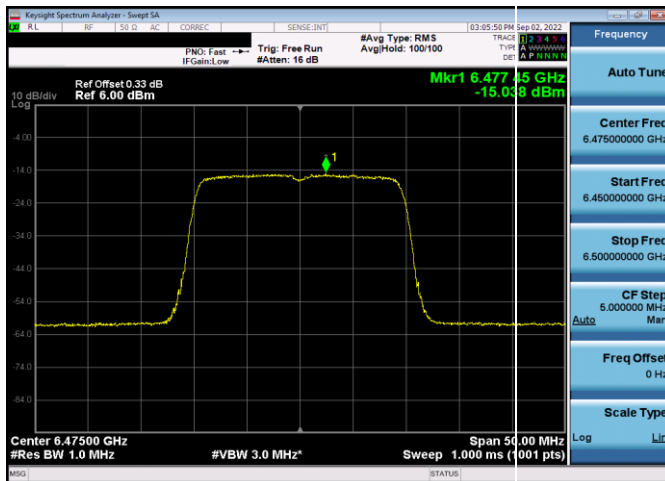
Plot 7-296. Power Spectral Density Plot SDM Antenna WF5b (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 105)



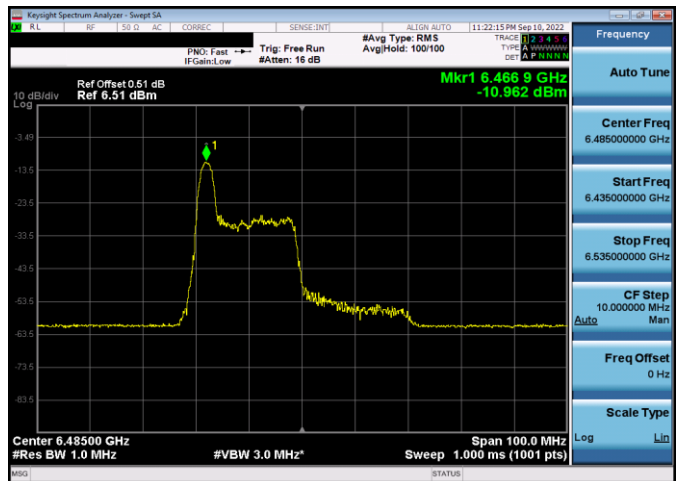
Plot 7-294. Power Spectral Density Plot SDM Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



Plot 7-297. Power Spectral Density Plot SDM Antenna WF5t (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

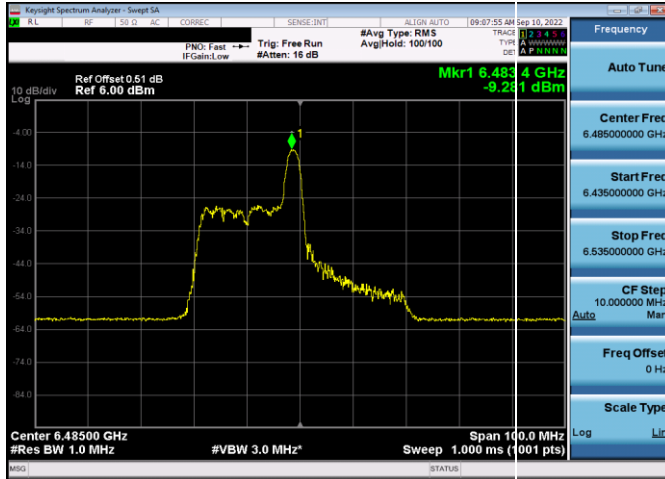


Plot 7-295. Power Spectral Density Plot SDM Antenna WF5t (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 105)

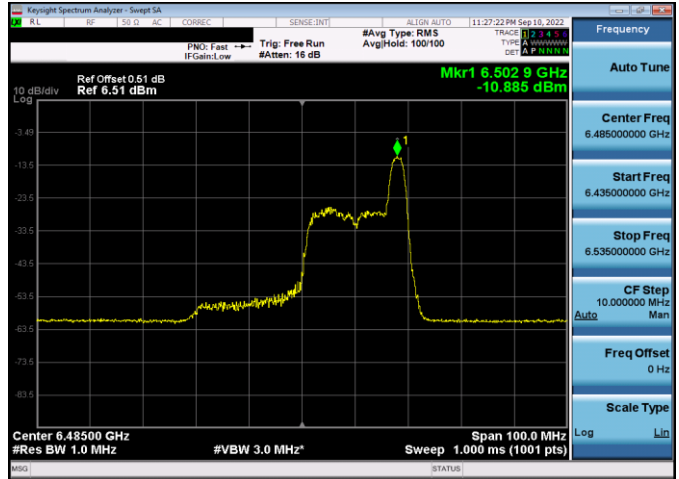


Plot 7-298. Power Spectral Density Plot SDM Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

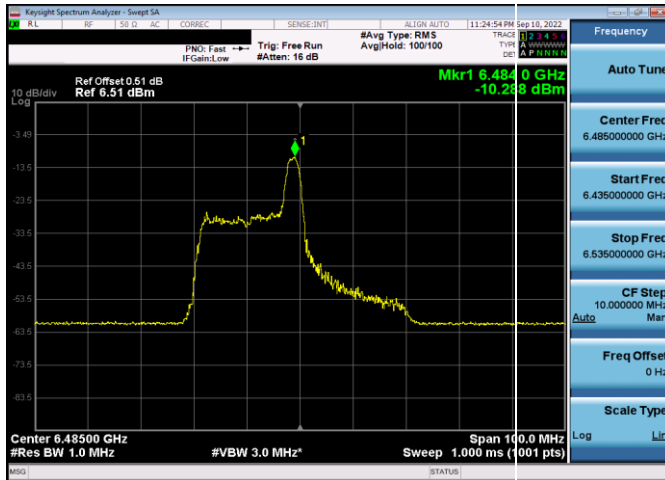
|                                            |                                       |                                   |
|--------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG | Test Dates:<br>5/30/2022 - 9/16/2022  | Page 98 of 323                    |
| EUT Type:<br>Tablet Device                 |                                       |                                   |



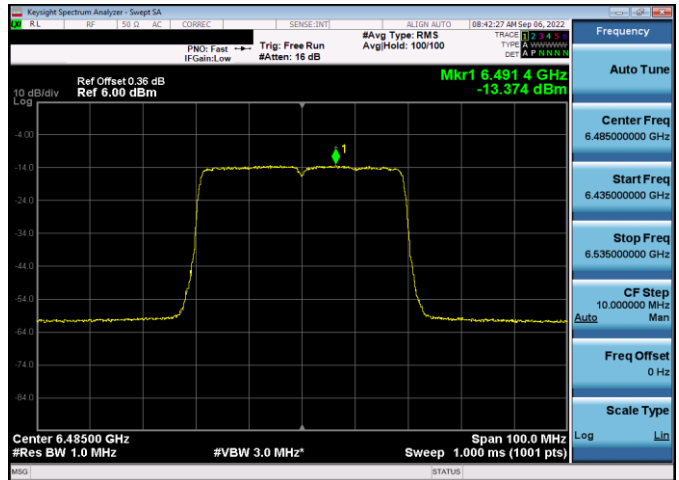
Plot 7-299. Power Spectral Density Plot SDM Antenna WF5t (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)



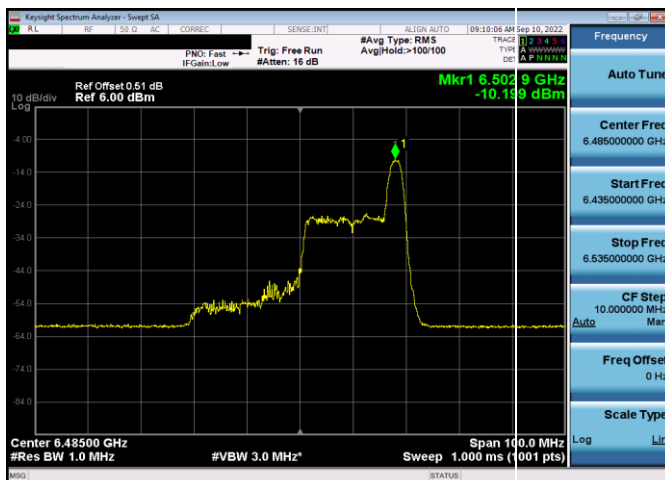
Plot 7-302. Power Spectral Density Plot SDM Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)



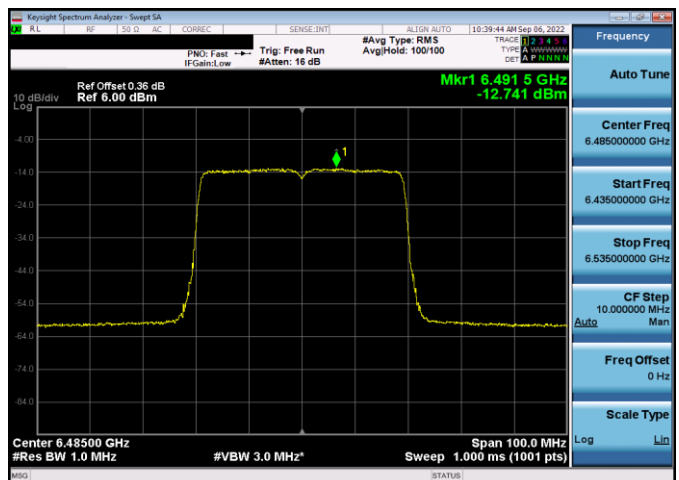
Plot 7-300. Power Spectral Density Plot SDM Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)



Plot 7-303. Power Spectral Density Plot SDM Antenna WF5t (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 107)

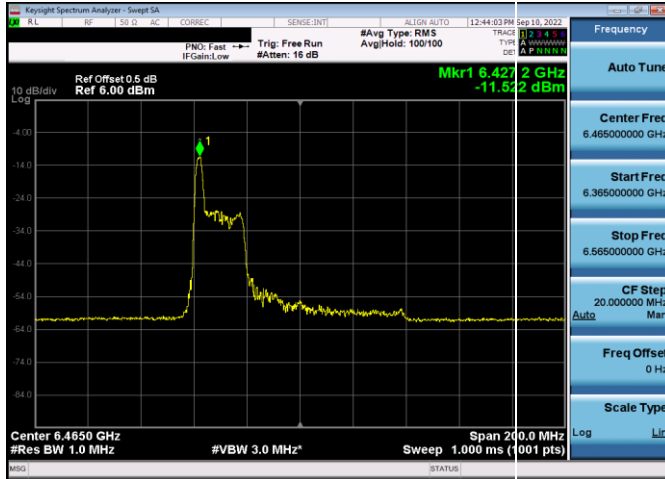


Plot 7-301. Power Spectral Density Plot SDM Antenna WF5t (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

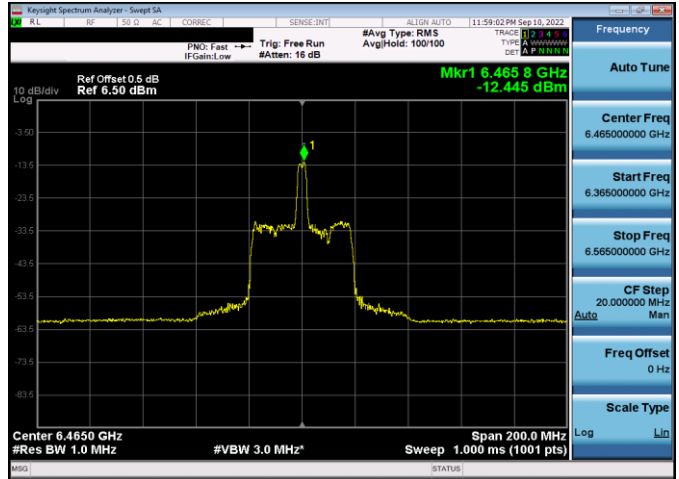


Plot 7-304. Power Spectral Density Plot SDM Antenna WF5b (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 107)

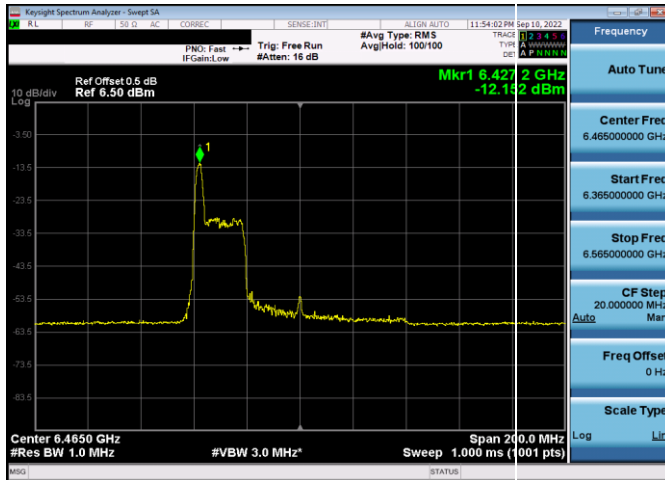
|                                            |                                      |                                       |                                   |
|--------------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         | element                              | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG | Test Dates:<br>5/30/2022 - 9/16/2022 | EUT Type:<br>Tablet Device            | Page 99 of 323                    |



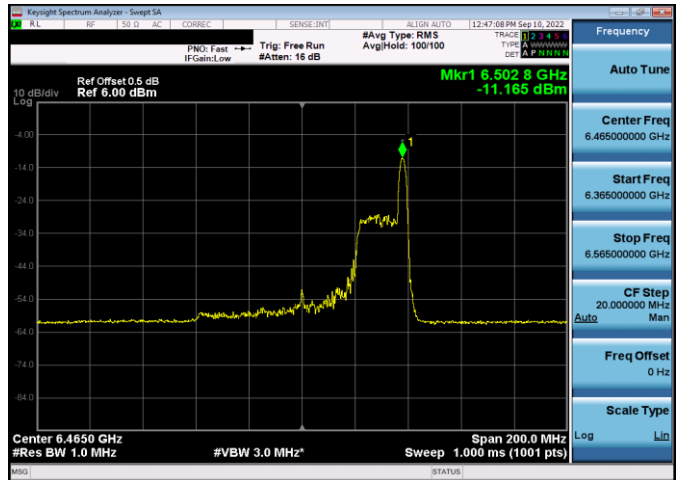
Plot 7-305. Power Spectral Density Plot SDM Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



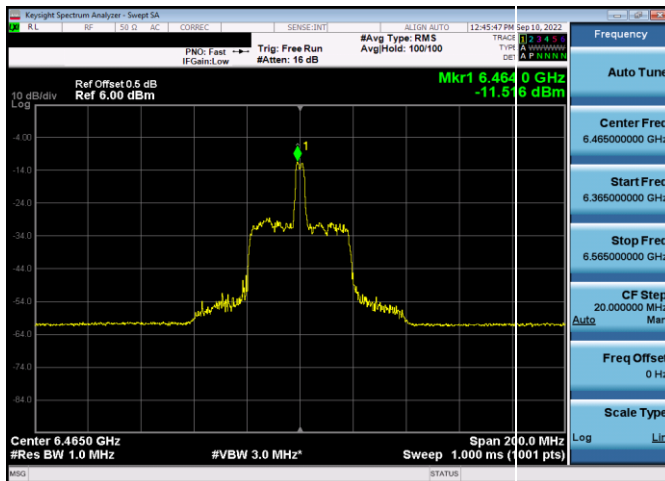
Plot 7-308. Power Spectral Density Plot SDM Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



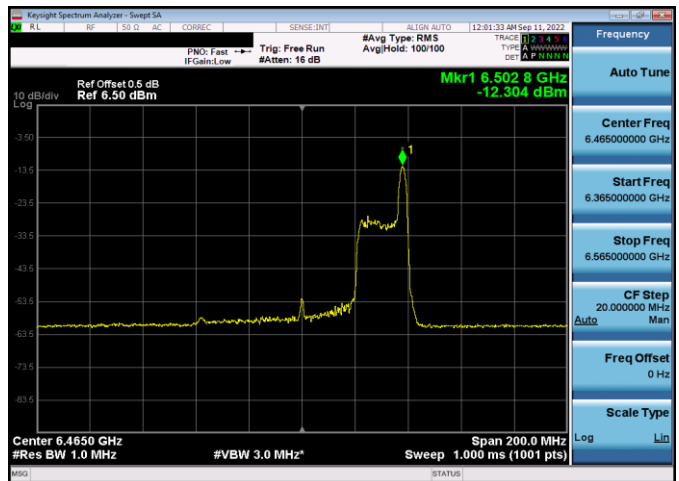
Plot 7-306. Power Spectral Density Plot SDM Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-309. Power Spectral Density Plot SDM Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-307. Power Spectral Density Plot SDM Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-310. Power Spectral Density Plot SDM Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

|                                            |                            |                                               |                                   |
|--------------------------------------------|----------------------------|-----------------------------------------------|-----------------------------------|
| FCC ID: BCGA2436<br>IC: 579C-A2436         |                            | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090027-12-R3.BCG |                            |                                               | Page 100 of 323                   |
| Test Dates:<br>5/30/2022 - 9/16/2022       | EUT Type:<br>Tablet Device |                                               |                                   |