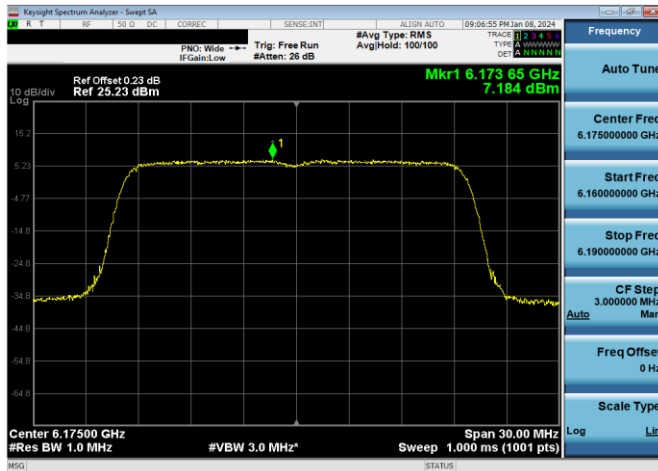
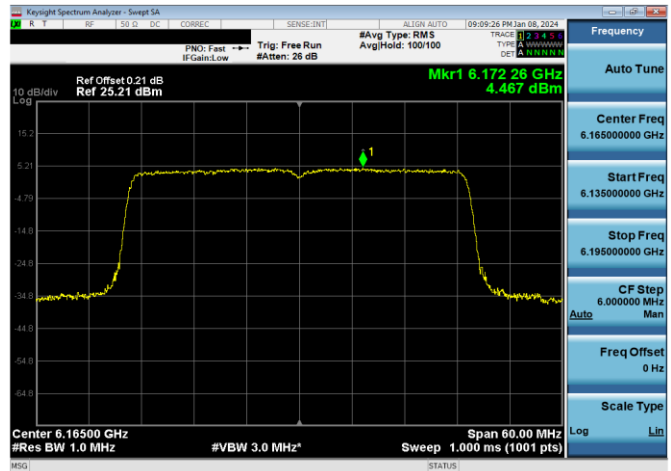


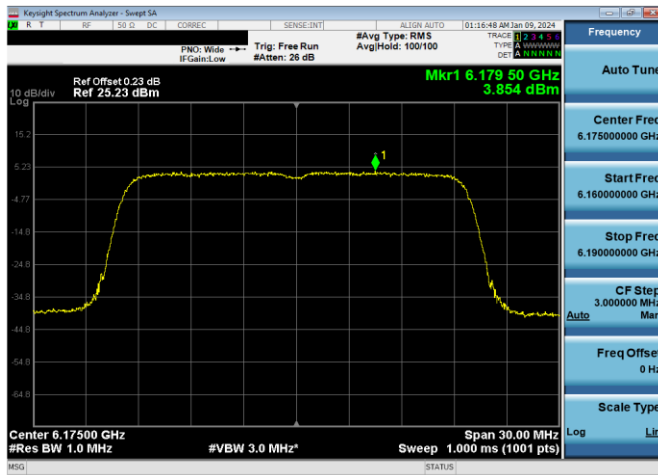
Mid Data Rate



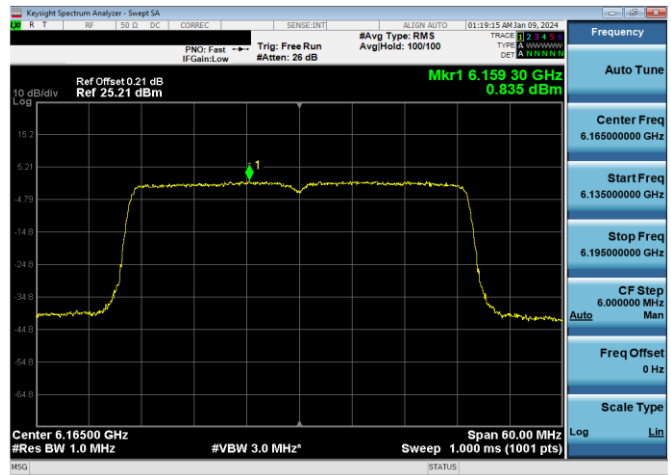
Plot 7-563. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-565. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

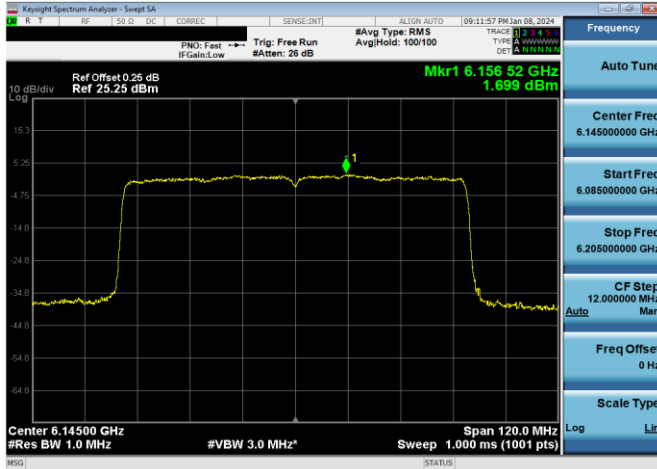


Plot 7-564. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)

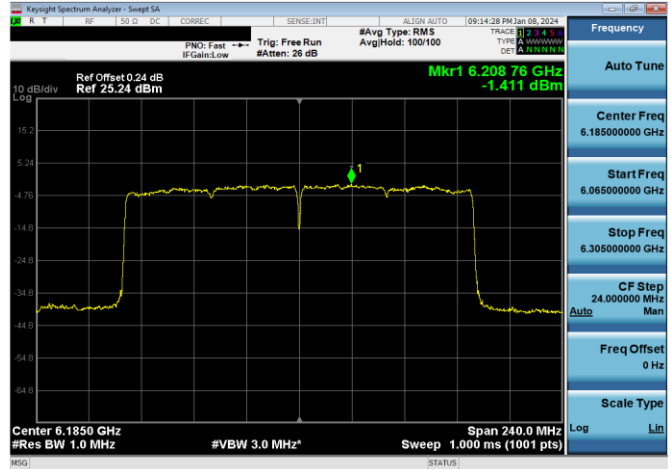


Plot 7-566. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

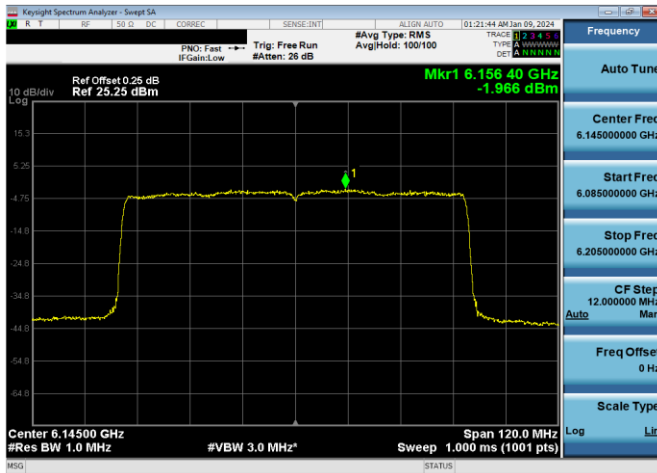
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 213 of 552                   |



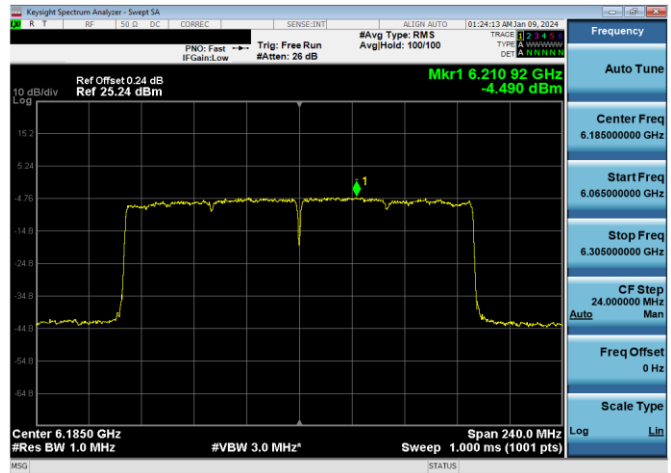
**Plot 7-567. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)**



**Plot 7-569. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)**

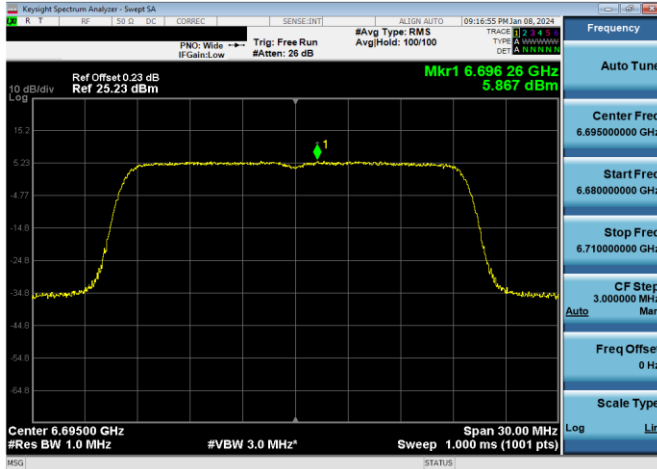


**Plot 7-568. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)**

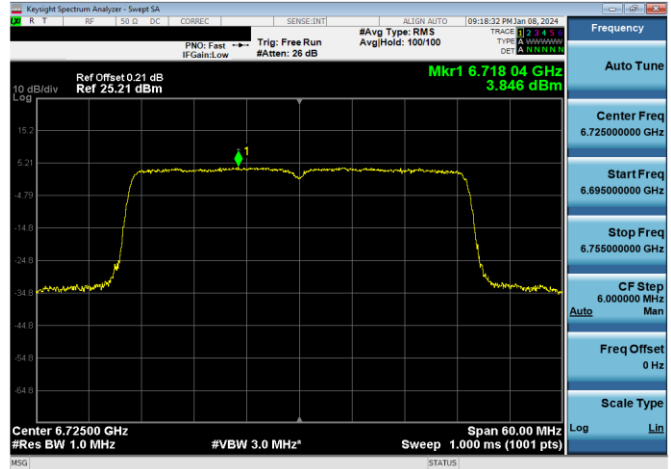


**Plot 7-570. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)**

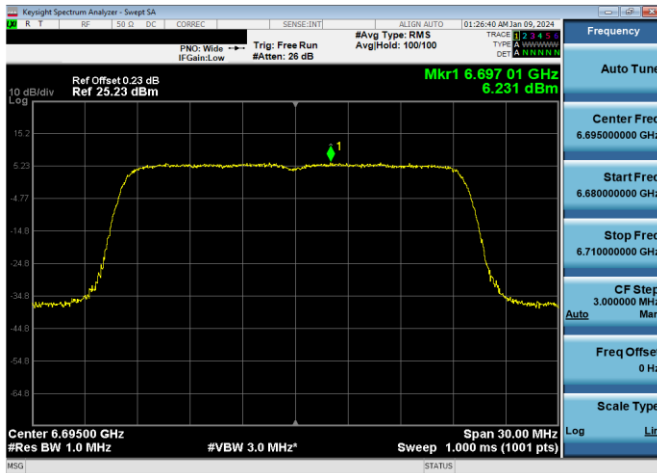
|   |  |   |  |
|---|--|---|--|
| <b>FCC ID:</b> BCGA2898<br><b>IC:</b> 579C-A2898  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager     |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG |  |   | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024 |



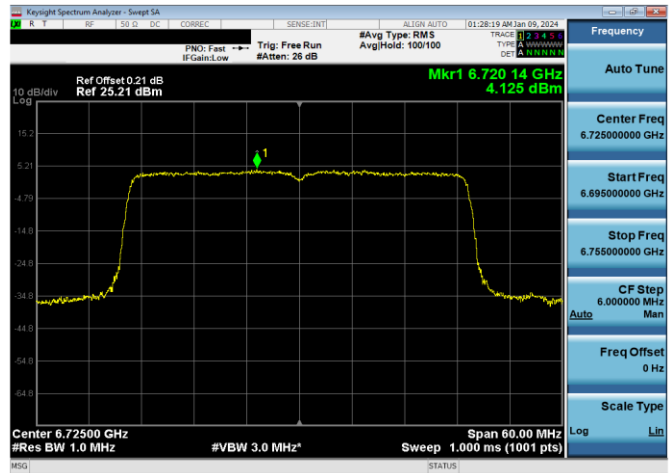
**Plot 7-571. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)**



**Plot 7-573. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)**

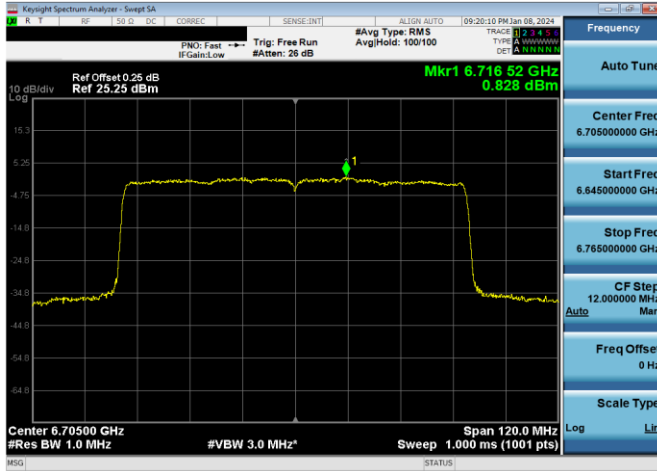


**Plot 7-572. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)**

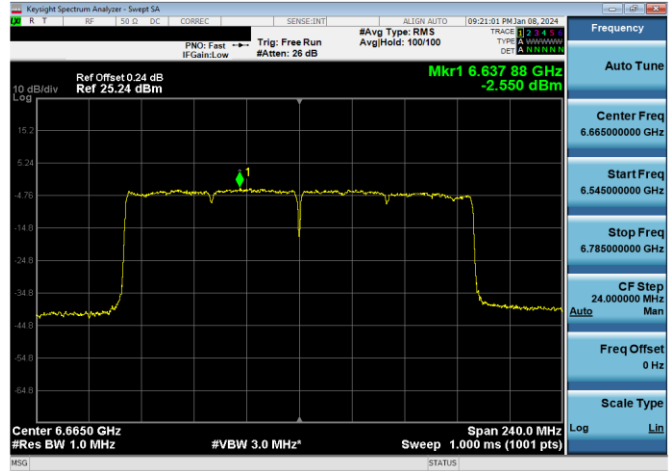


**Plot 7-574. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)**

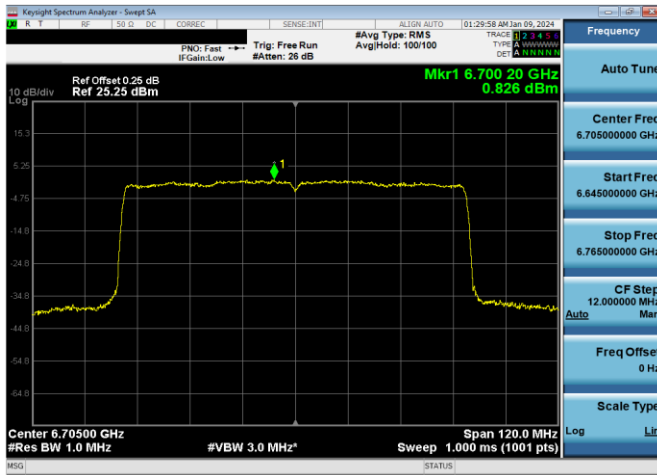
|   |  |   |  |
|---|--|---|--|
| <b>FCC ID:</b> BCGA2898<br><b>IC:</b> 579C-A2898  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager     |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG |  |   | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024 |



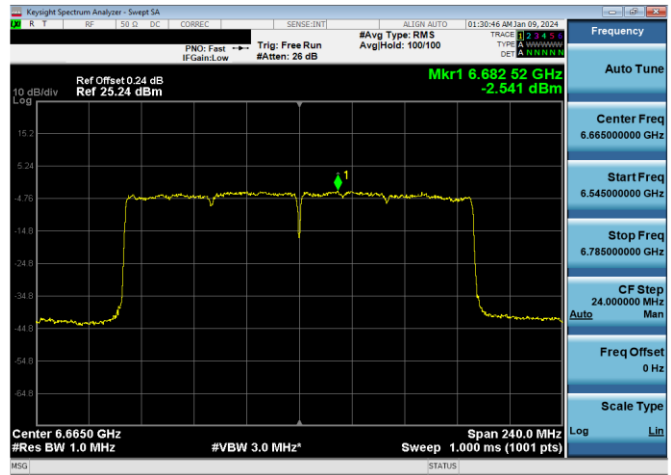
**Plot 7-575. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)**



**Plot 7-577. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)**



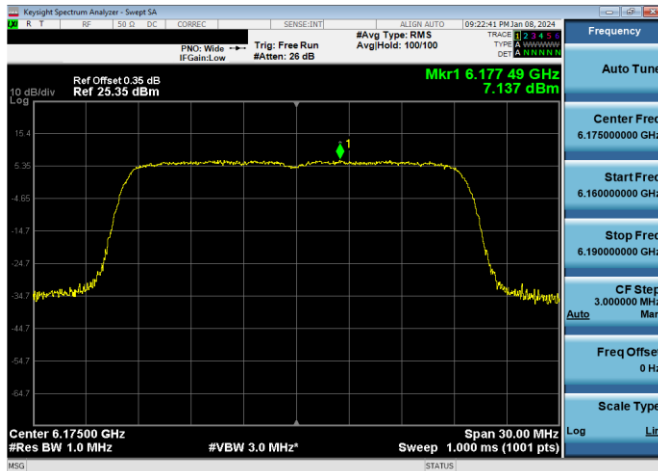
**Plot 7-576. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)**



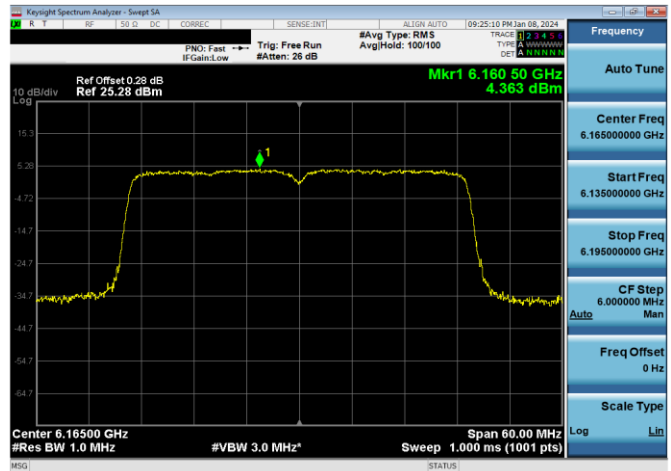
**Plot 7-578. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)**

|  |                                       |   |  |                                   |
|--|---------------------------------------|---|--|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device                    |  | Page 216 of 552                   |

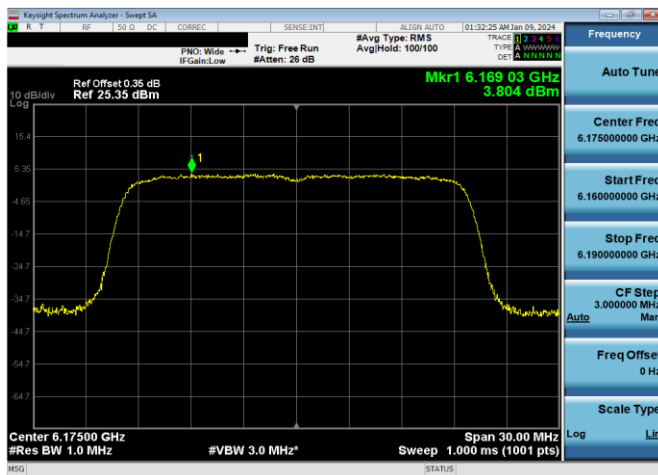
### High Data Rate



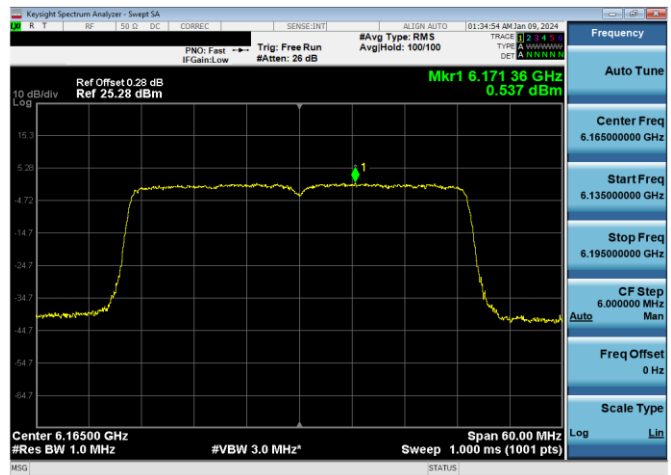
**Plot 7-579. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)**



**Plot 7-581. Power Spectral Density Plot CDD Antenna WF7a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)**

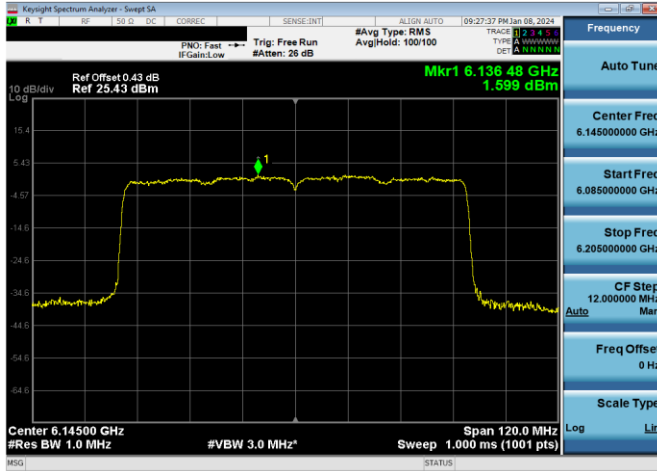


**Plot 7-580. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)**

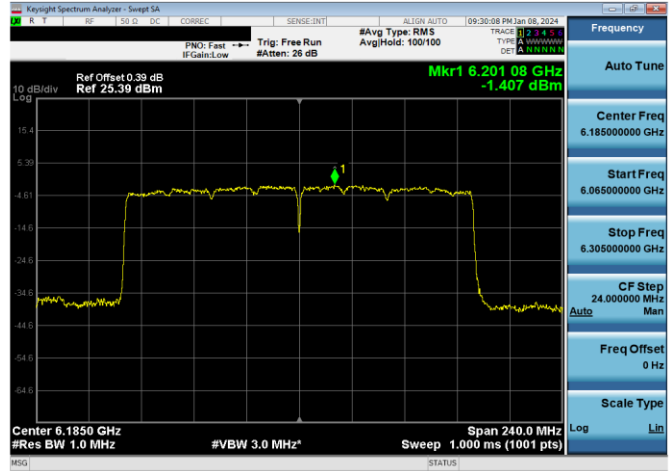


**Plot 7-582. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)**

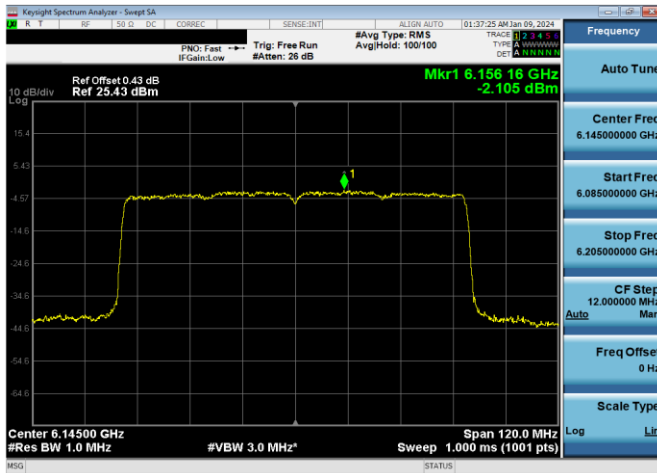
|  |                                       |   |  |
|--|---------------------------------------|---|--|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device                    | Page 217 of 552                          |



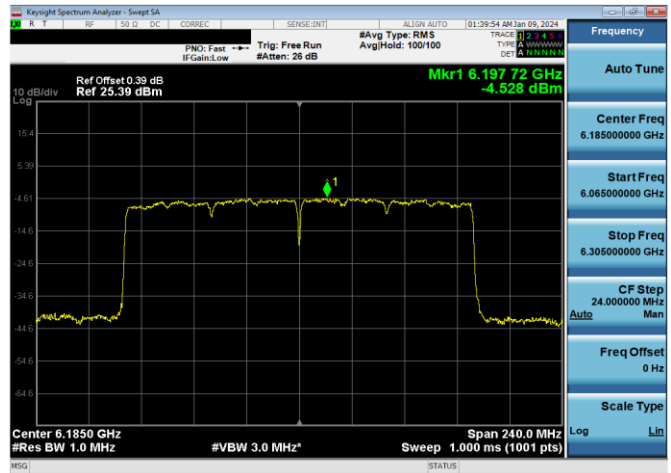
**Plot 7-583. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)**



**Plot 7-585. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)**

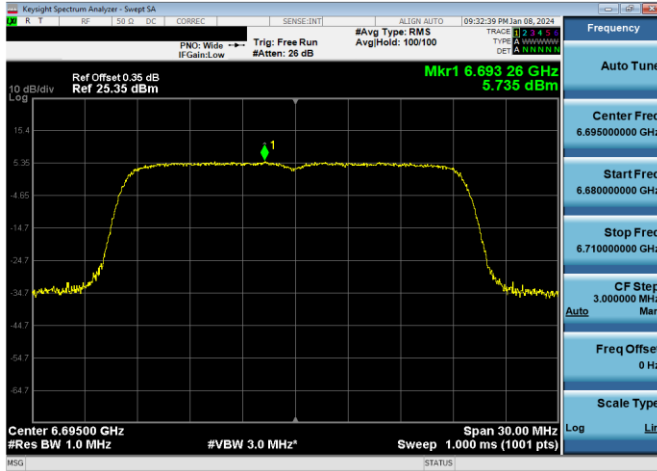


**Plot 7-584. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)**

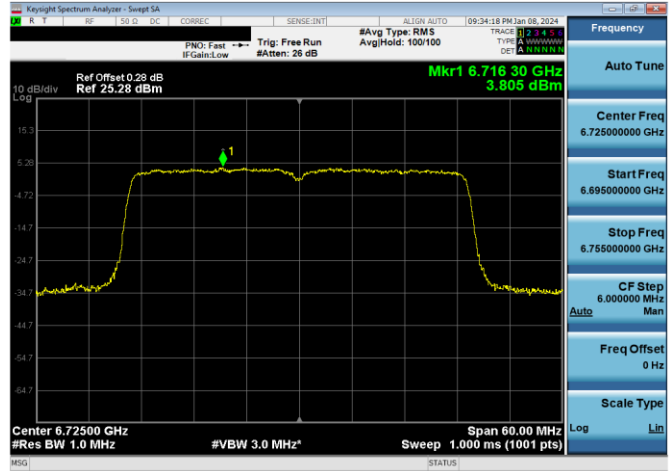


**Plot 7-586. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)**

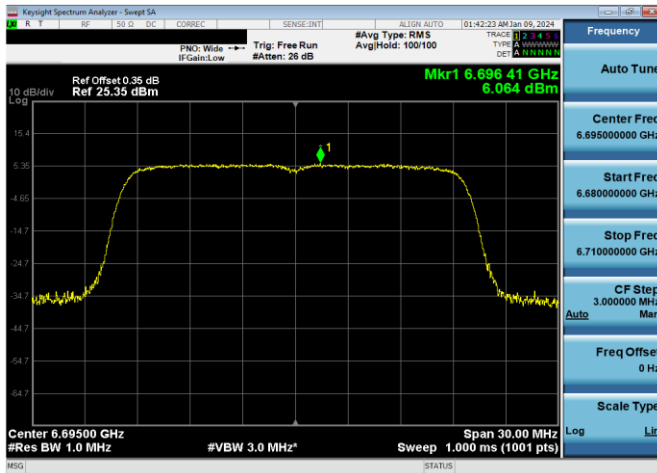
|  |                                       |   |  |                                   |
|--|---------------------------------------|---|--|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device                    |  | Page 218 of 552                   |



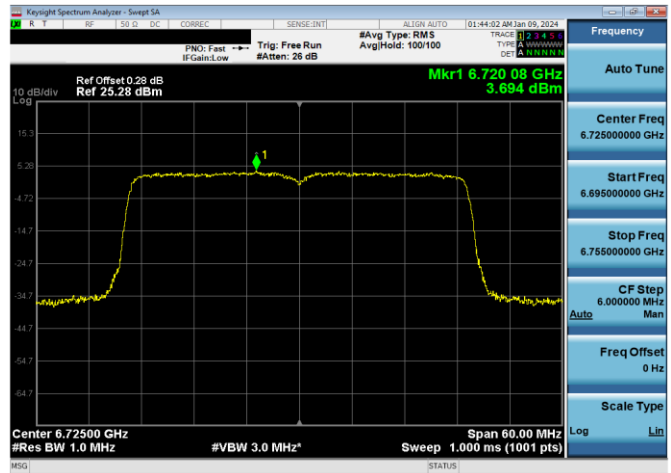
**Plot 7-587. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)**



**Plot 7-589. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)**

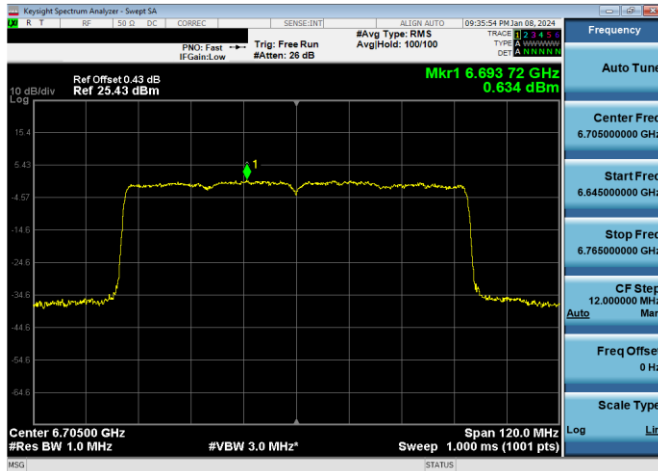


**Plot 7-588. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)**

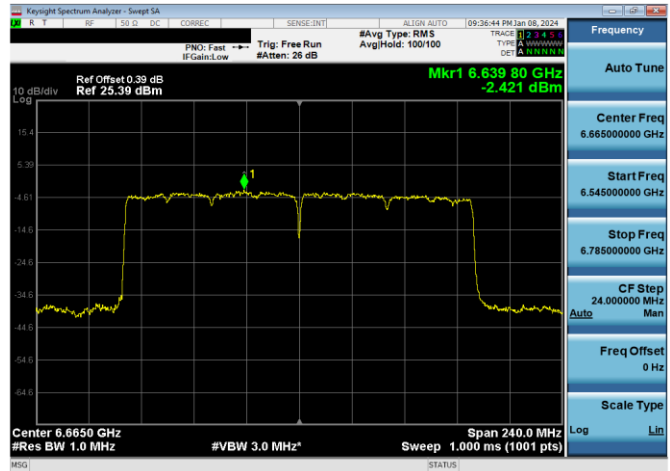


**Plot 7-590. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)**

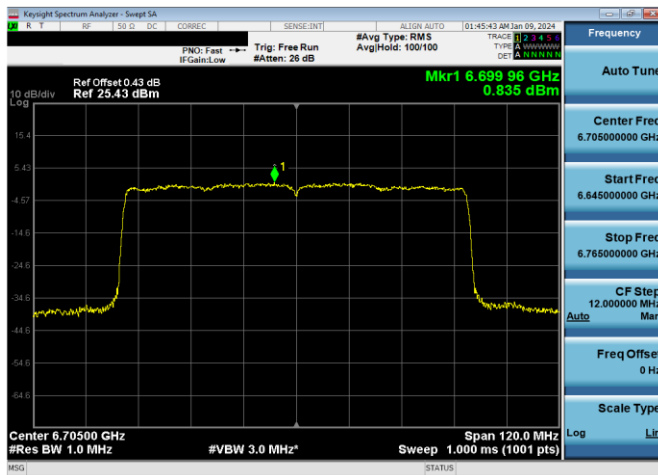
|   |  |   |  |
|---|--|---|--|
| <b>FCC ID:</b> BCGA2898<br><b>IC:</b> 579C-A2898  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager     |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG |  |   | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024 |



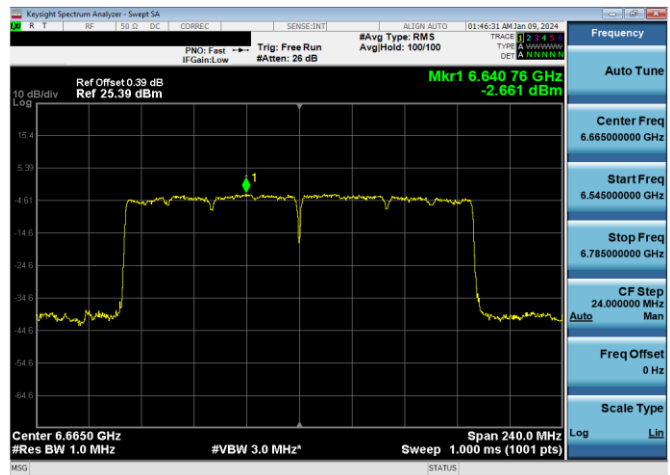
**Plot 7-591. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)**



**Plot 7-593. Power Spectral Density Plot CDD Primary Antenna WF7a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)**



**Plot 7-592. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)**



**Plot 7-594. Power Spectral Density Plot CDD Primary Antenna WF2a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)**

|  |                                       |   |  |                                   |
|--|---------------------------------------|---|--|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device                    |  | Page 220 of 552                   |



## 7.4.5 SDM/CDD Diversity Power Spectral Density Measurements

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Mode | Data Rate [Mbps]   | Antenna WF2a Measured Power Density [dBm/MHz] | Antenna WF7b Measured Power Density [dBm/MHz] | Summed 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)  | SDM  | 24/25.8 (MCS2)     | -7.36   | -8.36   | -4.82                          | 0.90                   | -3.92                     | -1                         | -2.92       |
|        | 6175            | 45          | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -6.25   | -6.60   | -3.41                          | 0.90                   | -2.51                     | -1                         | -1.51       |
|        | 6415            | 93          | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -5.62   | -5.94   | -2.77                          | 0.90                   | -1.86                     | -1                         | -0.86       |
|        | 5965            | 3           | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -7.39   | -8.34   | -4.83                          | 0.90                   | -3.93                     | -1                         | -2.93       |
|        | 6165            | 43          | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -6.22   | -6.74   | -3.46                          | 0.90                   | -2.56                     | -1                         | -1.56       |
|        | 6405            | 91          | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -6.07   | -6.55   | -3.30                          | 0.90                   | -2.40                     | -1                         | -1.40       |
|        | 5985            | 7           | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -6.74   | -7.81   | -4.23                          | 0.90                   | -3.33                     | -1                         | -2.33       |
|        | 6145            | 39          | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -6.18   | -7.08   | -3.60                          | 0.90                   | -2.70                     | -1                         | -1.70       |
|        | 6385            | 87          | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -5.85   | -5.78   | -2.81                          | 0.90                   | -1.90                     | -1                         | -0.90       |
|        | 6025            | 15          | ax (160MHz) | SDM  | 183.8/216.2 (MCS2) | -7.11   | -8.04   | -4.54                          | 0.90                   | -3.63                     | -1                         | -2.63       |
| Band 6 | 6185            | 47          | ax (160MHz) | SDM  | 183.8/216.2 (MCS2) | -6.23   | -7.04   | -3.60                          | 0.90                   | -2.70                     | -1                         | -1.70       |
|        | 6345            | 79          | ax (160MHz) | SDM  | 183.8/216.2 (MCS2) | -6.59   | -7.17   | -3.86                          | 0.90                   | -2.96                     | -1                         | -1.96       |
|        | 6435            | 97          | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -7.33   | -7.56   | -4.44                          | -0.97                  | -5.41                     | -1                         | -4.41       |
|        | 6475            | 105         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -7.29   | -7.41   | -4.34                          | -0.97                  | -5.31                     | -1                         | -4.31       |
|        | 6515            | 113         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -7.00   | -7.26   | -4.12                          | -0.97                  | -5.09                     | -1                         | -4.09       |
|        | 6445            | 99          | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -6.85   | -7.19   | -4.00                          | -0.97                  | -4.98                     | -1                         | -3.98       |
|        | 6485            | 107         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -6.63   | -7.45   | -4.01                          | -0.97                  | -4.98                     | -1                         | -3.98       |
|        | 6525            | 115         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -7.07   | -7.30   | -4.17                          | -0.97                  | -5.14                     | -1                         | -4.14       |
|        | 6465            | 103         | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -6.68   | -7.10   | -3.88                          | -0.97                  | -4.85                     | -1                         | -3.85       |
|        | 6505            | 111         | ax (160MHz) | SDM  | 183.8/216.2 (MCS2) | -7.51   | -8.25   | -4.85                          | -0.97                  | -5.82                     | -1                         | -4.82       |
| Band 7 | 6535            | 117         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -7.98   | -8.11   | -5.04                          | 1.69                   | -3.34                     | -1                         | -2.34       |
|        | 6695            | 149         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -7.31   | -7.81   | -4.54                          | 1.69                   | -2.85                     | -1                         | -1.85       |
|        | 6875            | 185         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -8.35   | -7.92   | -5.12                          | 1.69                   | -3.43                     | -1                         | -2.43       |
|        | 6565            | 123         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -7.08   | -7.44   | -4.24                          | 1.69                   | -2.55                     | -1                         | -1.55       |
|        | 6725            | 155         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -7.42   | -7.42   | -4.41                          | 1.69                   | -2.72                     | -1                         | -1.72       |
|        | 6845            | 179         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -7.48   | -7.26   | -4.36                          | 1.69                   | -2.67                     | -1                         | -1.67       |
|        | 6545            | 119         | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -7.19   | -7.71   | -4.43                          | 1.69                   | -2.74                     | -1                         | -1.74       |
|        | 6705            | 151         | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -7.78   | -7.86   | -4.81                          | 1.69                   | -3.12                     | -1                         | -2.12       |
|        | 6865            | 183         | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -8.01   | -7.55   | -4.76                          | 1.69                   | -3.07                     | -1                         | -2.07       |
|        | 6665            | 143         | ax (160MHz) | SDM  | 183.8/216.2 (MCS2) | -8.63   | -8.36   | -5.48                          | 1.69                   | -3.79                     | -1                         | -2.79       |
| Band 8 | 6825            | 175         | ax (160MHz) | SDM  | 183.8/216.2 (MCS2) | -7.91   | -7.89   | -4.89                          | 1.69                   | -3.20                     | -1                         | -2.20       |
|        | 6895            | 189         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -7.08   | -6.79   | -3.92                          | 0.36                   | -3.56                     | -1                         | -2.56       |
|        | 6995            | 209         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -6.94   | -6.77   | -3.85                          | 0.36                   | -3.48                     | -1                         | -2.48       |
|        | 7115            | 233         | ax (20MHz)  | SDM  | 24/25.8 (MCS2)     | -7.01   | -6.77   | -3.88                          | 0.36                   | -3.51                     | -1                         | -2.51       |
|        | 6885            | 187         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -7.57   | -7.07   | -4.30                          | 0.36                   | -3.94                     | -1                         | -2.94       |
|        | 7005            | 211         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -6.69   | -6.32   | -3.49                          | 0.36                   | -3.12                     | -1                         | -2.12       |
|        | 7085            | 227         | ax (40MHz)  | SDM  | 49/51.6 (MCS2)     | -6.87   | -6.74   | -3.79                          | 0.36                   | -3.43                     | -1                         | -2.43       |
|        | 6945            | 199         | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -7.30   | -6.42   | -3.83                          | 0.36                   | -3.46                     | -1                         | -2.46       |
|        | 7025            | 215         | ax (80MHz)  | SDM  | 102/108.1 (MCS2)   | -6.69   | -6.10   | -3.37                          | 0.36                   | -3.01                     | -1                         | -2.01       |
|        | 6985            | 207         | ax (160MHz) | SDM  | 183.8/216.2 (MCS2) | -7.48   | -6.62   | -4.02                          | 0.36                   | -3.66                     | -1                         | -2.66       |

Table 7-155. Power Spectral Density Measurements SDM Diversity LPI (Low Data Rate)

|   |   |   |  |
|---|---|---|--|
| FCC ID: BCGA2898<br>IC: 579C-A2898                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024  | <b>EUT Type:</b><br>Tablet Device             | Page 221 of 552                          |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Mode | Data Rate [Mbps]   | Antenna WF2a Measured Power Density [dBm/MHz] | Antenna WF7b Measured Power Density [dBm/MHz] | Summed 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)  | SDM  | 49/51.6 (MCS4)     | -7.38   | -8.21   | -4.76                          | 0.90                   | -3.86                     | -1                         | -2.86       |
|        | 6175            | 45          | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -6.26   | -6.66   | -3.44                          | 0.90                   | -2.54                     | -1                         | -1.54       |
|        | 6415            | 93          | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -5.88   | -5.82   | -2.84                          | 0.90                   | -1.94                     | -1                         | -0.94       |
|        | 5965            | 3           | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -7.20   | -7.90   | -4.53                          | 0.90                   | -3.62                     | -1                         | -2.62       |
|        | 6165            | 43          | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -6.31   | -6.75   | -3.52                          | 0.90                   | -2.62                     | -1                         | -1.62       |
|        | 6405            | 91          | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -5.85   | -6.53   | -3.17                          | 0.90                   | -2.26                     | -1                         | -1.26       |
|        | 5985            | 7           | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -6.98   | -8.36   | -4.61                          | 0.90                   | -3.71                     | -1                         | -2.71       |
|        | 6145            | 39          | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -6.06   | -6.95   | -3.47                          | 0.90                   | -2.57                     | -1                         | -1.57       |
|        | 6385            | 87          | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -5.79   | -5.52   | -2.64                          | 0.90                   | -1.74                     | -1                         | -0.74       |
|        | 6025            | 15          | ax (160MHz) | SDM  | 367.5/432.4 (MCS4) | -6.73   | -7.92   | -4.28                          | 0.90                   | -3.38                     | -1                         | -2.38       |
|        | 6185            | 47          | ax (160MHz) | SDM  | 367.5/432.4 (MCS4) | -5.74   | -6.94   | -3.29                          | 0.90                   | -2.39                     | -1                         | -1.39       |
|        | 6345            | 79          | ax (160MHz) | SDM  | 367.5/432.4 (MCS4) | -6.33   | -7.08   | -3.68                          | 0.90                   | -2.78                     | -1                         | -1.78       |
|        | 6435            | 97          | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -7.10   | -7.26   | -4.17                          | -0.97                  | -5.14                     | -1                         | -4.14       |
|        | 6475            | 105         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -7.08   | -7.30   | -4.17                          | -0.97                  | -5.15                     | -1                         | -4.15       |
| Band 6 | 6515            | 113         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -7.15   | -7.21   | -4.17                          | -0.97                  | -5.14                     | -1                         | -4.14       |
|        | 6445            | 99          | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -6.98   | -7.17   | -4.06                          | -0.97                  | -5.03                     | -1                         | -4.03       |
|        | 6485            | 107         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -6.54   | -7.10   | -3.80                          | -0.97                  | -4.77                     | -1                         | -3.77       |
|        | 6525            | 115         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -7.05   | -7.29   | -4.16                          | -0.97                  | -5.13                     | -1                         | -4.13       |
|        | 6465            | 103         | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -6.54   | -7.06   | -3.78                          | -0.97                  | -4.75                     | -1                         | -3.75       |
|        | 6505            | 111         | ax (160MHz) | SDM  | 367.5/432.4 (MCS4) | -7.45   | -8.11   | -4.76                          | -0.97                  | -5.73                     | -1                         | -4.73       |
|        | 6535            | 117         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -7.98   | -8.12   | -5.04                          | 1.69                   | -3.34                     | -1                         | -2.34       |
|        | 6695            | 149         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -7.81   | -7.67   | -4.73                          | 1.69                   | -3.04                     | -1                         | -2.04       |
|        | 6875            | 185         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -8.37   | -7.87   | -5.11                          | 1.69                   | -3.41                     | -1                         | -2.41       |
|        | 6565            | 123         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -7.20   | -7.31   | -4.24                          | 1.69                   | -2.55                     | -1                         | -1.55       |
| Band 7 | 6725            | 155         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -7.32   | -7.64   | -4.46                          | 1.69                   | -2.77                     | -1                         | -1.77       |
|        | 6845            | 179         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -7.20   | -6.98   | -4.08                          | 1.69                   | -2.38                     | -1                         | -1.38       |
|        | 6545            | 119         | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -6.98   | -7.65   | -4.29                          | 1.69                   | -2.60                     | -1                         | -1.60       |
|        | 6705            | 151         | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -7.89   | -7.69   | -4.78                          | 1.69                   | -3.08                     | -1                         | -2.08       |
|        | 6865            | 183         | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -7.90   | -7.67   | -4.77                          | 1.69                   | -3.08                     | -1                         | -2.08       |
|        | 6665            | 143         | ax (160MHz) | SDM  | 367.5/432.4 (MCS4) | -8.19   | -7.81   | -4.99                          | 1.69                   | -3.29                     | -1                         | -2.29       |
|        | 6825            | 175         | ax (160MHz) | SDM  | 367.5/432.4 (MCS4) | -7.61   | -7.82   | -4.70                          | 1.69                   | -3.01                     | -1                         | -2.01       |
|        | 6895            | 189         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -6.70   | -6.58   | -3.63                          | 0.36                   | -3.27                     | -1                         | -2.27       |
|        | 6995            | 209         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -6.60   | -6.49   | -3.53                          | 0.36                   | -3.17                     | -1                         | -2.17       |
|        | 7115            | 233         | ax (20MHz)  | SDM  | 49/51.6 (MCS4)     | -7.02   | -6.57   | -3.78                          | 0.36                   | -3.41                     | -1                         | -2.41       |
| Band 8 | 6885            | 187         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -7.39   | -7.16   | -4.26                          | 0.36                   | -3.90                     | -1                         | -2.90       |
|        | 7005            | 211         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -6.65   | -6.39   | -3.51                          | 0.36                   | -3.14                     | -1                         | -2.14       |
|        | 7085            | 227         | ax (40MHz)  | SDM  | 98/103.2 (MCS4)    | -6.40   | -6.58   | -3.48                          | 0.36                   | -3.11                     | -1                         | -2.11       |
|        | 6945            | 199         | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -6.82   | -6.48   | -3.63                          | 0.36                   | -3.27                     | -1                         | -2.27       |
|        | 7025            | 215         | ax (80MHz)  | SDM  | 204/216.2 (MCS4)   | -6.77   | -6.06   | -3.39                          | 0.36                   | -3.02                     | -1                         | -2.02       |
|        | 6985            | 207         | ax (160MHz) | SDM  | 367.5/432.4 (MCS4) | -7.42   | -6.66   | -4.02                          | 0.36                   | -3.65                     | -1                         | -2.65       |

**Table 7-156. Power Spectral Density Measurements SDM Diversity LPI (Mid Data Rate)**

|   |   |   |  |
|---|---|---|--|
| FCC ID: BCGA2898<br>IC: 579C-A2898                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024  | <b>EUT Type:</b><br>Tablet Device             | Page 222 of 552                          |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Mode | Data Rate [Mbps]    | Antenna WF2a Measured Power Density [dBm/MHz] | Antenna WF7b Measured Power Density [dBm/MHz] | Summed 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)  | SDM  | 135/143.4 (MCS11)   | -7.91   | -8.42   | -5.15                          | 0.90                   | -4.25                     | -1                         | -3.25       |
|        | 6175            | 45          | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -6.66   | -6.51   | -3.57                          | 0.90                   | -2.67                     | -1                         | -1.67       |
|        | 6415            | 93          | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -5.75   | -5.35   | -2.54                          | 0.90                   | -1.64                     | -1                         | -0.64       |
|        | 5965            | 3           | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -7.31   | -8.44   | -4.83                          | 0.90                   | -3.93                     | -1                         | -2.93       |
|        | 6165            | 43          | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -6.31   | -7.09   | -3.67                          | 0.90                   | -2.77                     | -1                         | -1.77       |
|        | 6405            | 91          | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -6.14   | -6.26   | -3.19                          | 0.90                   | -2.29                     | -1                         | -1.29       |
|        | 5985            | 7           | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -7.18   | -7.97   | -4.55                          | 0.90                   | -3.65                     | -1                         | -2.65       |
|        | 6145            | 39          | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -6.26   | -6.56   | -3.40                          | 0.90                   | -2.49                     | -1                         | -1.49       |
|        | 6385            | 87          | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -6.14   | -5.77   | -2.94                          | 0.90                   | -2.04                     | -1                         | -1.04       |
|        | 6025            | 15          | ax (160MHz) | SDM  | 1020.8/1201 (MCS11) | -6.92   | -7.85   | -4.35                          | 0.90                   | -3.45                     | -1                         | -2.45       |
|        | 6185            | 47          | ax (160MHz) | SDM  | 1020.8/1201 (MCS11) | -6.10   | -6.55   | -3.31                          | 0.90                   | -2.41                     | -1                         | -1.41       |
|        | 6345            | 79          | ax (160MHz) | SDM  | 1020.8/1201 (MCS11) | -6.27   | -6.78   | -3.51                          | 0.90                   | -2.61                     | -1                         | -1.61       |
| Band 6 | 6435            | 97          | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -7.09   | -7.16   | -4.12                          | -0.97                  | -5.09                     | -1                         | -4.09       |
|        | 6475            | 105         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -7.35   | -7.29   | -4.31                          | -0.97                  | -5.28                     | -1                         | -4.28       |
|        | 6515            | 113         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -6.89   | -7.30   | -4.08                          | -0.97                  | -5.05                     | -1                         | -4.05       |
|        | 6445            | 99          | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -7.17   | -6.91   | -4.02                          | -0.97                  | -5.00                     | -1                         | -4.00       |
|        | 6485            | 107         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -6.97   | -6.81   | -3.88                          | -0.97                  | -4.85                     | -1                         | -3.85       |
|        | 6525            | 115         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -7.25   | -7.42   | -4.33                          | -0.97                  | -5.30                     | -1                         | -4.30       |
|        | 6465            | 103         | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -7.05   | -6.93   | -3.98                          | -0.97                  | -4.95                     | -1                         | -3.95       |
|        | 6505            | 111         | ax (160MHz) | SDM  | 1020.8/1201 (MCS11) | -7.41   | -8.09   | -4.73                          | -0.97                  | -5.70                     | -1                         | -4.70       |
|        | 6535            | 117         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -7.80   | -7.99   | -4.88                          | 1.69                   | -3.19                     | -1                         | -2.19       |
|        | 6695            | 149         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -7.70   | -7.59   | -4.63                          | 1.69                   | -2.94                     | -1                         | -1.94       |
|        | 6875            | 185         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -8.04   | -7.77   | -4.89                          | 1.69                   | -3.20                     | -1                         | -2.20       |
|        | 6565            | 123         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -7.34   | -7.53   | -4.42                          | 1.69                   | -2.73                     | -1                         | -1.73       |
| Band 7 | 6725            | 155         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -7.18   | -7.15   | -4.15                          | 1.69                   | -2.46                     | -1                         | -1.46       |
|        | 6845            | 179         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -7.03   | -6.83   | -3.92                          | 1.69                   | -2.23                     | -1                         | -1.23       |
|        | 6545            | 119         | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -7.87   | -7.22   | -4.52                          | 1.69                   | -2.83                     | -1                         | -1.83       |
|        | 6705            | 151         | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -7.40   | -7.38   | -4.38                          | 1.69                   | -2.69                     | -1                         | -1.69       |
|        | 6865            | 183         | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -7.44   | -7.62   | -4.52                          | 1.69                   | -2.83                     | -1                         | -1.83       |
|        | 6665            | 143         | ax (160MHz) | SDM  | 1020.8/1201 (MCS11) | -8.26   | -8.03   | -5.13                          | 1.69                   | -3.44                     | -1                         | -2.44       |
|        | 6825            | 175         | ax (160MHz) | SDM  | 1020.8/1201 (MCS11) | -7.89   | -7.57   | -4.71                          | 1.69                   | -3.02                     | -1                         | -2.02       |
|        | 6895            | 189         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -6.48   | -6.91   | -3.68                          | 0.36                   | -3.31                     | -1                         | -2.31       |
|        | 6995            | 209         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -6.45   | -6.29   | -3.36                          | 0.36                   | -3.00                     | -1                         | -2.00       |
|        | 7115            | 233         | ax (20MHz)  | SDM  | 135/143.4 (MCS11)   | -6.61   | -6.80   | -3.69                          | 0.36                   | -3.33                     | -1                         | -2.33       |
|        | 6885            | 187         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -7.10   | -6.99   | -4.04                          | 0.36                   | -3.67                     | -1                         | -2.67       |
|        | 7005            | 211         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -6.57   | -5.98   | -3.25                          | 0.36                   | -2.89                     | -1                         | -1.89       |
| Band 8 | 7085            | 227         | ax (40MHz)  | SDM  | 271/286.8 (MCS11)   | -5.98   | -6.79   | -3.36                          | 0.36                   | -2.99                     | -1                         | -1.99       |
|        | 6945            | 199         | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -6.85   | -6.29   | -3.55                          | 0.36                   | -3.18                     | -1                         | -2.18       |
|        | 7025            | 215         | ax (80MHz)  | SDM  | 567/600.5 (MCS11)   | -6.75   | -5.94   | -3.32                          | 0.36                   | -2.96                     | -1                         | -1.96       |
|        | 6985            | 207         | ax (160MHz) | SDM  | 1020.8/1201 (MCS11) | -6.81   | -6.36   | -3.57                          | 0.36                   | -3.20                     | -1                         | -2.20       |

**Table 7-157. Power Spectral Density Measurements SDM Diversity LPI (High Data Rate)**

|   |   |   |  |
|---|---|---|--|
| <b>FCC ID:</b> BCGA2898<br><b>IC:</b> 579C-A2898  |  | <b>MEASUREMENT REPORT (CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024  | <b>EUT Type:</b><br>Tablet Device         | Page 223 of 552                          |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Mode       | Data Rate [Mbps]   | Antenna WF2a Measured Power Density [dBm/MHz] | Antenna WF7b Measured Power Density [dBm/MHz] | Summed 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)  | CDD        | 24/25.8 (MCS2)     | 2.91  | 2.05  | 5.51                           | 1.00                   | 6.51                      | 17                         | -10.49      |       |
|        | 6175            | 45          | ax (20MHz)  | CDD        | 24/25.8 (MCS2)     | 3.74  | 3.14  | 6.46                           | 1.00                   | 7.46                      | 17                         | -9.54       |       |
|        | 6415            | 93          | ax (20MHz)  | CDD        | 24/25.8 (MCS2)     | 6.07  | 5.00  | 8.58                           | 1.00                   | 9.58                      | 17                         | -7.42       |       |
|        | 5965            | 3           | ax (40MHz)  | CDD        | 49/51.6 (MCS2)     | 0.64  | -0.39   | 3.17                           | 1.00                   | 4.17                      | 17                         | -12.83      |       |
|        | 6165            | 43          | ax (40MHz)  | CDD        | 49/51.6 (MCS2)     | 0.68  | 0.55  | 3.63                           | 1.00                   | 4.63                      | 17                         | -12.37      |       |
|        | 6405            | 91          | ax (40MHz)  | CDD        | 49/51.6 (MCS2)     | 3.10  | 2.52  | 5.83                           | 1.00                   | 6.83                      | 17                         | -10.17      |       |
|        | 5985            | 7           | ax (80MHz)  | CDD        | 102/108.1 (MCS2)   | -2.41   | -3.32   | 0.17                           | 1.00                   | 1.17                      | 17                         | -15.83      |       |
|        | 6145            | 39          | ax (80MHz)  | CDD        | 102/108.1 (MCS2)   | -2.22   | -2.60   | 0.61                           | 1.00                   | 1.61                      | 17                         | -15.39      |       |
|        | 6385            | 87          | ax (80MHz)  | CDD        | 102/108.1 (MCS2)   | 0.27  | -0.82   | 2.77                           | 1.00                   | 3.77                      | 17                         | -13.23      |       |
|        | 6025            | 15          | ax (160MHz) | CDD        | 183.8/216.2 (MCS2) | -5.23   | -6.93   | -2.99                          | 1.00                   | -1.99                     | 17                         | -18.99      |       |
|        | 6181            | 47          | ax (160MHz) | CDD        | 183.8/216.2 (MCS2) | -4.50   | -4.77   | -1.62                          | 1.00                   | -0.62                     | 17                         | -17.62      |       |
|        | 6345            | 79          | ax (160MHz) | CDD        | 183.8/216.2 (MCS2) | -3.19   | -3.81   | -0.48                          | 1.00                   | 0.52                      | 17                         | -16.48      |       |
|        | Band 7          | 6535        | 117         | ax (20MHz) | CDD                | 24/25.8 (MCS2)                                | 6.08  | 5.00                           | 8.58                   | 2.50                      | 11.08                      | 17          | -5.92 |
|        |                 | 6695        | 149         | ax (20MHz) | CDD                | 24/25.8 (MCS2)                                | 5.91  | 5.37                           | 8.66                   | 2.50                      | 11.16                      | 17          | -5.84 |
| 6875   |                 | 181         | ax (20MHz)  | CDD        | 24/25.8 (MCS2)     | 5.85  | 5.66  | 8.77                           | 2.50                   | 11.27                     | 17                         | -5.73       |       |
| 6565   |                 | 123         | ax (40MHz)  | CDD        | 49/51.6 (MCS2)     | 3.47  | 2.72  | 6.12                           | 2.50                   | 8.62                      | 17                         | -8.38       |       |
| 6725   |                 | 155         | ax (40MHz)  | CDD        | 49/51.6 (MCS2)     | 3.81  | 3.36  | 6.60                           | 2.50                   | 9.10                      | 17                         | -7.90       |       |
| 6845   |                 | 179         | ax (40MHz)  | CDD        | 49/51.6 (MCS2)     | 3.71  | 3.41  | 6.57                           | 2.50                   | 9.07                      | 17                         | -7.93       |       |
| 6545   |                 | 135         | ax (80MHz)  | CDD        | 102/108.1 (MCS2)   | 0.67  | 0.21  | 3.45                           | 2.50                   | 5.95                      | 17                         | -11.05      |       |
| 6705   |                 | 151         | ax (80MHz)  | CDD        | 102/108.1 (MCS2)   | 0.99  | 0.26  | 3.65                           | 2.50                   | 6.15                      | 17                         | -10.85      |       |
| 6865   |                 | 167         | ax (80MHz)  | CDD        | 102/108.1 (MCS2)   | 0.80  | 0.27  | 3.55                           | 2.50                   | 6.05                      | 17                         | -10.95      |       |
| 6665   |                 | 143         | ax (160MHz) | CDD        | 183.8/216.2 (MCS2) | -2.68   | -3.15   | 0.10                           | 2.50                   | 2.60                      | 17                         | -14.40      |       |

**Table 7-158. Power Spectral Density Measurements CDD Diversity Standard Power (Low Data Rate)**

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Mode       | Data Rate [Mbps]   | Antenna WF2a Measured Power Density [dBm/MHz] | Antenna WF7b Measured Power Density [dBm/MHz] | Summed 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)  | CDD        | 49/51.6 (MCS4)     | 2.95  | 2.09  | 5.56                           | 1.00                   | 6.56                      | 17                         | -10.44      |       |
|        | 6175            | 45          | ax (20MHz)  | CDD        | 49/51.6 (MCS4)     | 3.85  | 3.47  | 6.68                           | 1.00                   | 7.68                      | 17                         | -9.32       |       |
|        | 6415            | 93          | ax (20MHz)  | CDD        | 49/51.6 (MCS4)     | 6.08  | 5.21  | 8.68                           | 1.00                   | 9.68                      | 17                         | -7.32       |       |
|        | 5965            | 3           | ax (40MHz)  | CDD        | 98/103.2 (MCS4)    | 0.82  | -0.33   | 3.29                           | 1.00                   | 4.29                      | 17                         | -12.71      |       |
|        | 6165            | 43          | ax (40MHz)  | CDD        | 98/103.2 (MCS4)    | 0.84  | 0.65  | 3.75                           | 1.00                   | 4.75                      | 17                         | -12.25      |       |
|        | 6405            | 91          | ax (40MHz)  | CDD        | 98/103.2 (MCS4)    | 3.30  | 2.47  | 5.91                           | 1.00                   | 6.91                      | 17                         | -10.09      |       |
|        | 5985            | 7           | ax (80MHz)  | CDD        | 204/216.2 (MCS4)   | -2.31   | -2.92   | 0.41                           | 1.00                   | 1.41                      | 17                         | -15.59      |       |
|        | 6145            | 39          | ax (80MHz)  | CDD        | 204/216.2 (MCS4)   | -1.97   | -2.66   | 0.71                           | 1.00                   | 1.71                      | 17                         | -15.29      |       |
|        | 6385            | 87          | ax (80MHz)  | CDD        | 204/216.2 (MCS4)   | 0.40  | -0.70   | 2.89                           | 1.00                   | 3.89                      | 17                         | -13.11      |       |
|        | 6025            | 15          | ax (160MHz) | CDD        | 367.5/432.4 (MCS4) | -5.36   | -6.58   | -2.92                          | 1.00                   | -1.92                     | 17                         | -18.92      |       |
|        | 6181            | 47          | ax (160MHz) | CDD        | 367.5/432.4 (MCS4) | -4.49   | -4.70   | -1.58                          | 1.00                   | -0.58                     | 17                         | -17.58      |       |
|        | 6345            | 79          | ax (160MHz) | CDD        | 367.5/432.4 (MCS4) | -3.27   | -3.88   | -0.56                          | 1.00                   | 0.44                      | 17                         | -16.56      |       |
|        | Band 7          | 6535        | 117         | ax (20MHz) | CDD                | 49/51.6 (MCS4)                                | 6.02  | 5.20                           | 8.64                   | 2.50                      | 11.14                      | 17          | -5.86 |
|        |                 | 6695        | 149         | ax (20MHz) | CDD                | 49/51.6 (MCS4)                                | 6.23  | 5.70                           | 8.98                   | 2.50                      | 11.48                      | 17          | -5.52 |
| 6875   |                 | 181         | ax (20MHz)  | CDD        | 49/51.6 (MCS4)     | 6.07  | 5.94  | 9.01                           | 2.50                   | 11.51                     | 17                         | -5.49       |       |
| 6565   |                 | 123         | ax (40MHz)  | CDD        | 98/103.2 (MCS4)    | 3.38  | 2.97  | 6.19                           | 2.50                   | 8.69                      | 17                         | -8.31       |       |
| 6725   |                 | 155         | ax (40MHz)  | CDD        | 98/103.2 (MCS4)    | 4.13  | 3.62  | 6.89                           | 2.50                   | 9.39                      | 17                         | -7.61       |       |
| 6845   |                 | 179         | ax (40MHz)  | CDD        | 98/103.2 (MCS4)    | 3.68  | 3.58  | 6.64                           | 2.50                   | 9.14                      | 17                         | -7.86       |       |
| 6545   |                 | 135         | ax (80MHz)  | CDD        | 204/216.2 (MCS4)   | 0.79  | 0.38  | 3.60                           | 2.50                   | 6.10                      | 17                         | -10.90      |       |
| 6705   |                 | 151         | ax (80MHz)  | CDD        | 204/216.2 (MCS4)   | 0.83  | 0.42  | 3.64                           | 2.50                   | 6.14                      | 17                         | -10.86      |       |
| 6865   |                 | 167         | ax (80MHz)  | CDD        | 204/216.2 (MCS4)   | 0.65  | 0.23  | 3.45                           | 2.50                   | 5.95                      | 17                         | -11.05      |       |
| 6665   |                 | 143         | ax (160MHz) | CDD        | 367.5/432.4 (MCS4) | -2.54   | -2.99   | 0.25                           | 2.50                   | 2.75                      | 17                         | -14.25      |       |

**Table 7-159. Power Spectral Density Measurements CDD Diversity Standard Power (Mid Data Rate)**

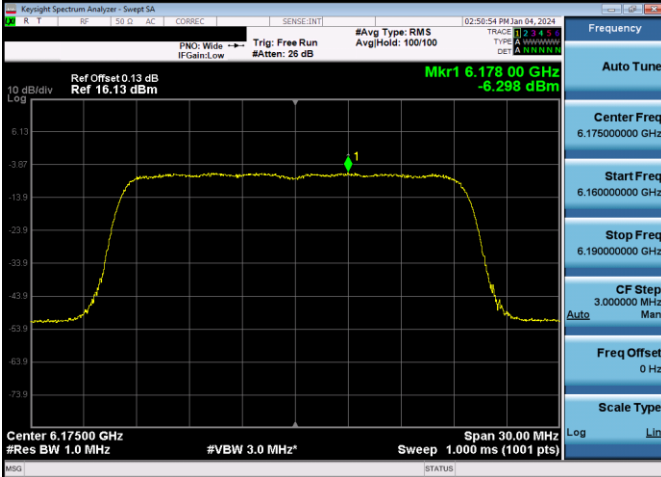
|  |   |   |  |
|--|---|---|--|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024   | EUT Type:<br>Tablet Device                    | Page 224 of 552                          |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | Mode                | Data Rate [Mbps]    | Antenna WF2a Measured Power Density [dBm/MHz] | Antenna WF7b Measured Power Density [dBm/MHz] | Summed 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)  | CDD                 | 135/143.4 (MCS11)   | 3.02  | 1.90  | 5.51                           | 1.00                   | 6.51                      | 17                         | -10.49      |
|        | 6175            | 45          | ax (20MHz)  | CDD                 | 135/143.4 (MCS11)   | 3.80  | 3.15  | 6.50                           | 1.00                   | 7.50                      | 17                         | -9.50       |
|        | 6415            | 93          | ax (20MHz)  | CDD                 | 135/143.4 (MCS11)   | 6.00  | 5.19  | 8.62                           | 1.00                   | 9.62                      | 17                         | -7.38       |
|        | 5965            | 3           | ax (40MHz)  | CDD                 | 271/286.8 (MCS11)   | 0.52  | -0.48   | 3.06                           | 1.00                   | 4.06                      | 17                         | -12.94      |
|        | 6165            | 43          | ax (40MHz)  | CDD                 | 271/286.8 (MCS11)   | 0.54  | 0.60  | 3.58                           | 1.00                   | 4.58                      | 17                         | -12.42      |
|        | 6405            | 91          | ax (40MHz)  | CDD                 | 271/286.8 (MCS11)   | 3.22  | 2.32  | 5.80                           | 1.00                   | 6.80                      | 17                         | -10.20      |
|        | 5985            | 7           | ax (80MHz)  | CDD                 | 567/600.5 (MCS11)   | -2.34   | -3.21   | 0.26                           | 1.00                   | 1.26                      | 17                         | -15.74      |
|        | 6145            | 39          | ax (80MHz)  | CDD                 | 567/600.5 (MCS11)   | -2.11   | -2.61   | 0.66                           | 1.00                   | 1.66                      | 17                         | -15.34      |
|        | 6385            | 87          | ax (80MHz)  | CDD                 | 567/600.5 (MCS11)   | 0.56  | -0.54   | 3.06                           | 1.00                   | 4.06                      | 17                         | -12.94      |
|        | 6025            | 15          | ax (160MHz) | CDD                 | 1020.8/1201 (MCS11) | -5.09   | -6.63   | -2.78                          | 1.00                   | -1.78                     | 17                         | -18.78      |
| 6181   | 47              | ax (160MHz) | CDD         | 1020.8/1201 (MCS11) | -4.53               | -4.77   | -1.64   | 1.00                           | -0.64                  | 17                        | -17.64                     |             |
| 6345   | 79              | ax (160MHz) | CDD         | 1020.8/1201 (MCS11) | -3.48               | -4.14   | -0.79   | 1.00                           | 0.21                   | 17                        | -16.79                     |             |
| Band 7 | 6535            | 117         | ax (20MHz)  | CDD                 | 135/143.4 (MCS11)   | 6.35  | 5.27  | 8.85                           | 2.50                   | 11.35                     | 17                         | -5.65       |
|        | 6695            | 149         | ax (20MHz)  | CDD                 | 135/143.4 (MCS11)   | 6.06  | 5.74  | 8.91                           | 2.50                   | 11.41                     | 17                         | -5.59       |
|        | 6875            | 181         | ax (20MHz)  | CDD                 | 135/143.4 (MCS11)   | 6.07  | 5.72  | 8.91                           | 2.50                   | 11.41                     | 17                         | -5.59       |
|        | 6565            | 123         | ax (40MHz)  | CDD                 | 271/286.8 (MCS11)   | 3.87  | 2.75  | 6.36                           | 2.50                   | 8.86                      | 17                         | -8.14       |
|        | 6725            | 155         | ax (40MHz)  | CDD                 | 271/286.8 (MCS11)   | 3.69  | 3.32  | 6.52                           | 2.50                   | 9.02                      | 17                         | -7.98       |
|        | 6845            | 179         | ax (40MHz)  | CDD                 | 271/286.8 (MCS11)   | 3.92  | 3.56  | 6.75                           | 2.50                   | 9.25                      | 17                         | -7.75       |
|        | 6545            | 135         | ax (80MHz)  | CDD                 | 567/600.5 (MCS11)   | 0.71  | 0.28  | 3.51                           | 2.50                   | 6.01                      | 17                         | -10.99      |
|        | 6705            | 151         | ax (80MHz)  | CDD                 | 567/600.5 (MCS11)   | 0.84  | 0.35  | 3.61                           | 2.50                   | 6.11                      | 17                         | -10.89      |
|        | 6865            | 167         | ax (80MHz)  | CDD                 | 567/600.5 (MCS11)   | 0.70  | 0.68  | 3.70                           | 2.50                   | 6.20                      | 17                         | -10.80      |
|        | 6665            | 143         | ax (160MHz) | CDD                 | 1020.8/1201 (MCS11) | -2.66   | -3.13   | 0.12                           | 2.50                   | 2.62                      | 17                         | -14.38      |

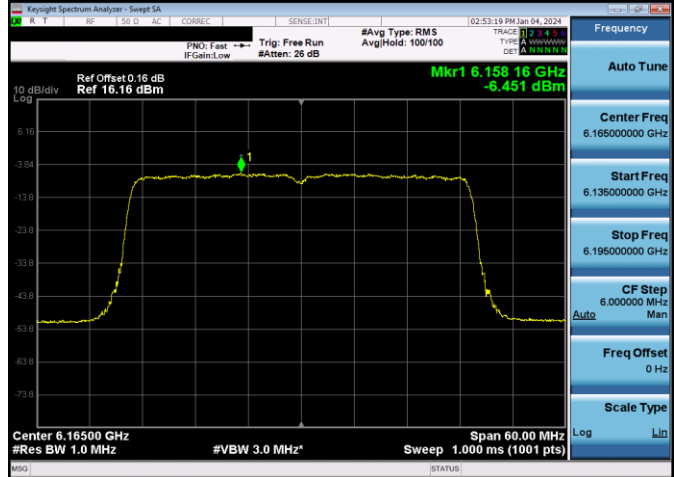
**Table 7-160. Power Spectral Density Measurements CDD Diversity Standard Power (High Data Rate)**

|   |   |   |  |
|---|---|---|--|
| <b>FCC ID:</b> BCGA2898<br><b>IC:</b> 579C-A2898  |  | <b>MEASUREMENT REPORT (CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024  | <b>EUT Type:</b><br>Tablet Device         | Page 225 of 552                          |

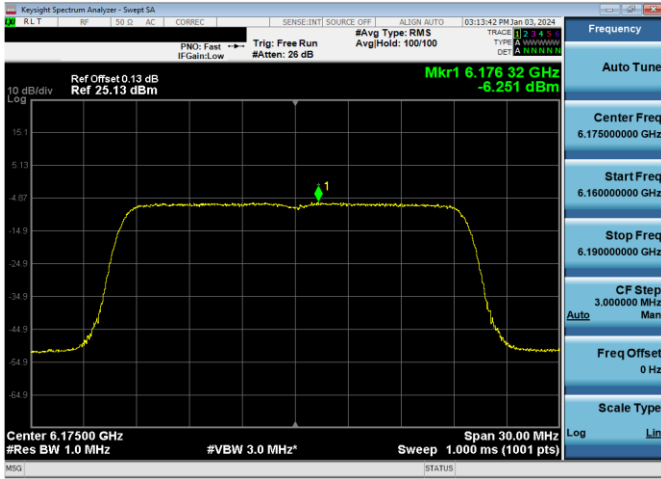
**Low Data Rate**



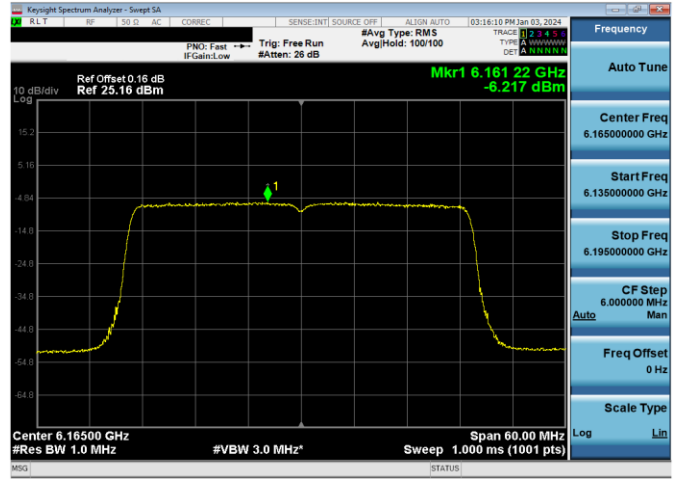
**Plot 7-595. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)**



**Plot 7-597. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)**

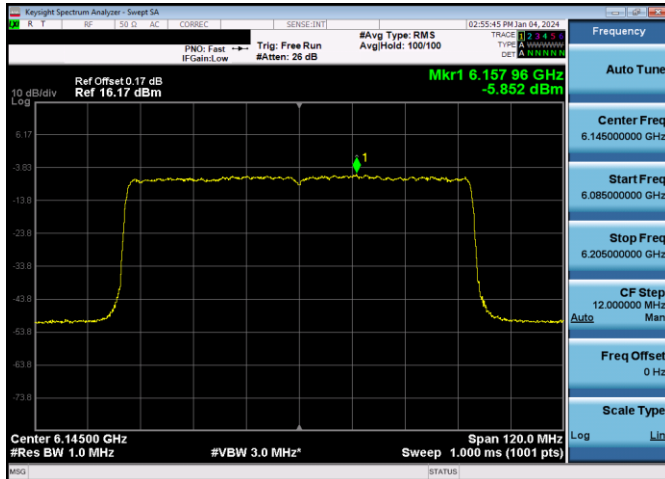


**Plot 7-596. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)**

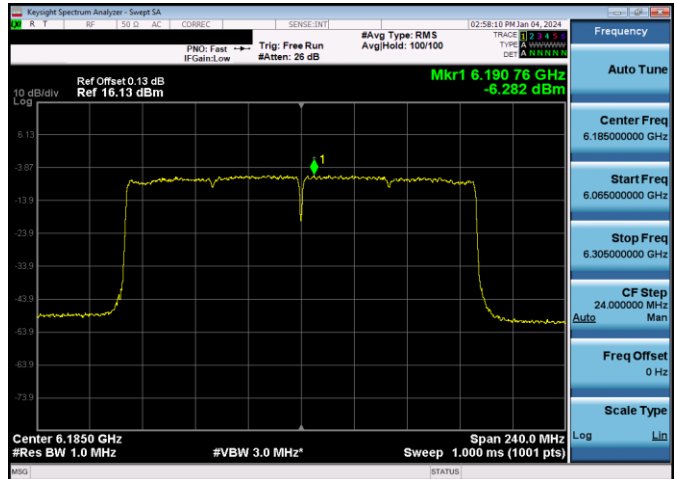


**Plot 7-598. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)**

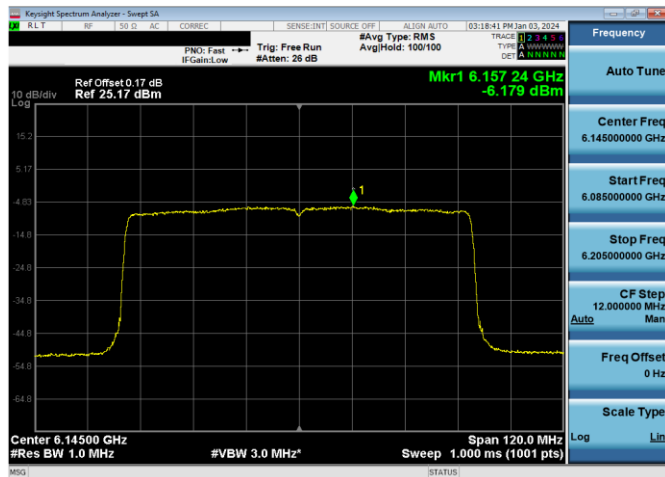
|   |  |   |  |
|---|--|---|--|
| <b>FCC ID:</b> BCGA2898<br><b>IC:</b> 579C-A2898  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager     |
| <b>Test Report S/N:</b><br>1C2311270065-13-R2.BCG |  |   | <b>Test Dates:</b><br>12/1/2023 - 04/04/2024 |



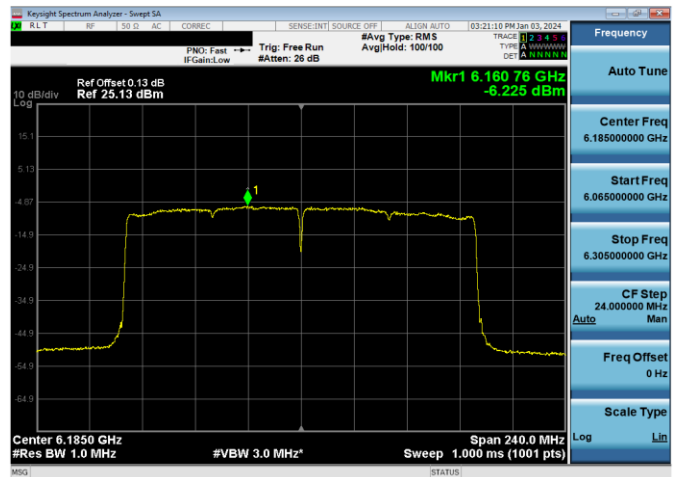
Plot 7-599. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



Plot 7-601. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)

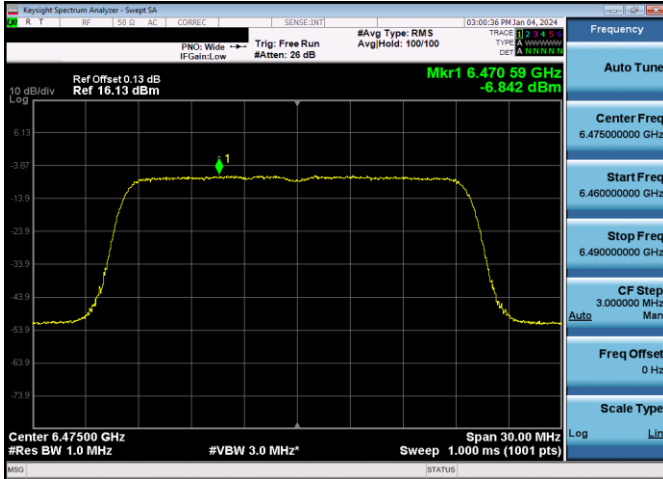


Plot 7-600. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)

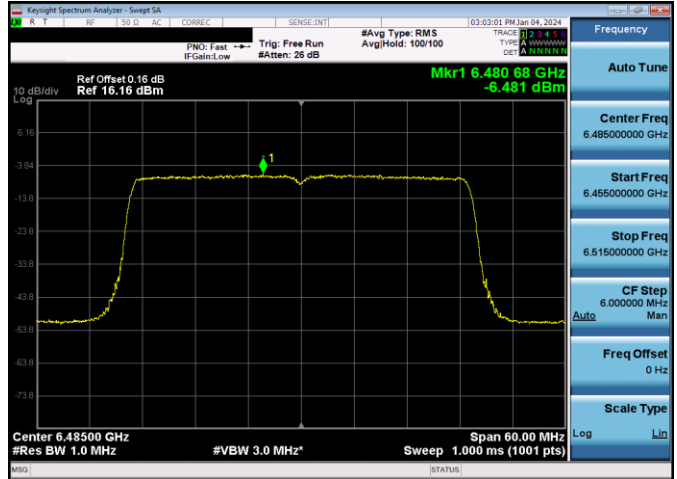


Plot 7-602. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)

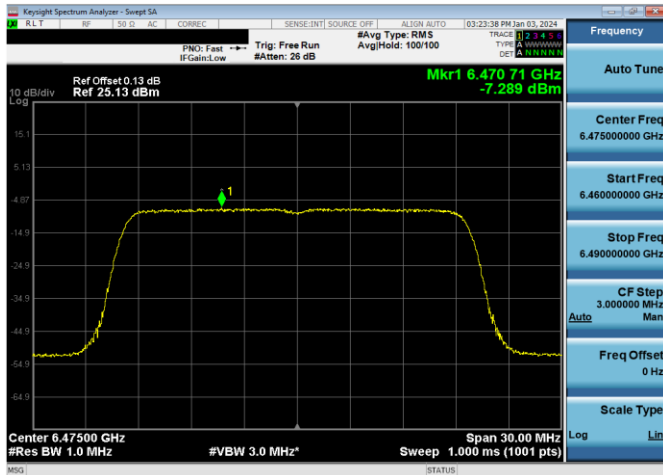
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 227 of 552                   |



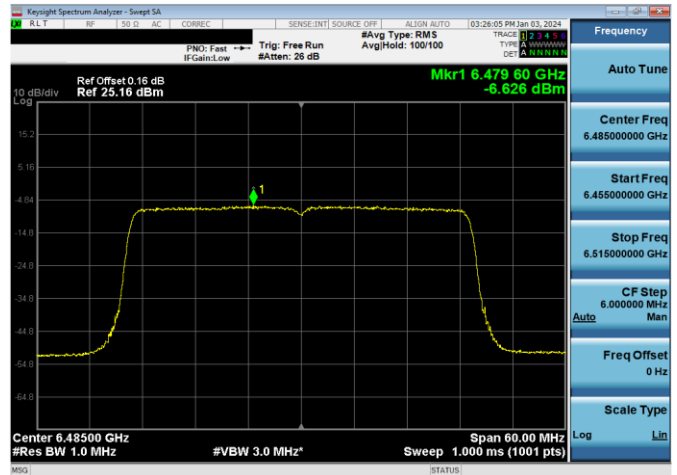
Plot 7-603. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



Plot 7-605. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



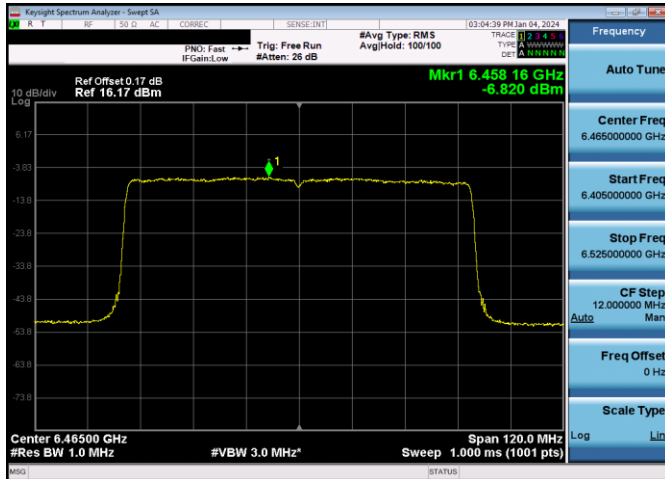
Plot 7-604. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



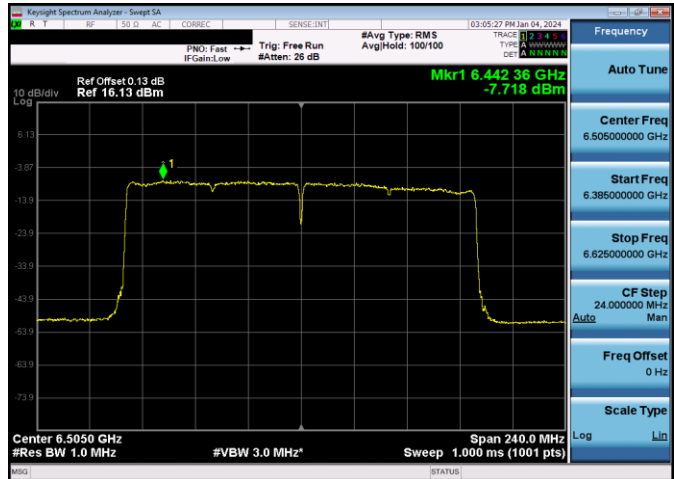
Plot 7-606. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)

|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 228 of 552                   |

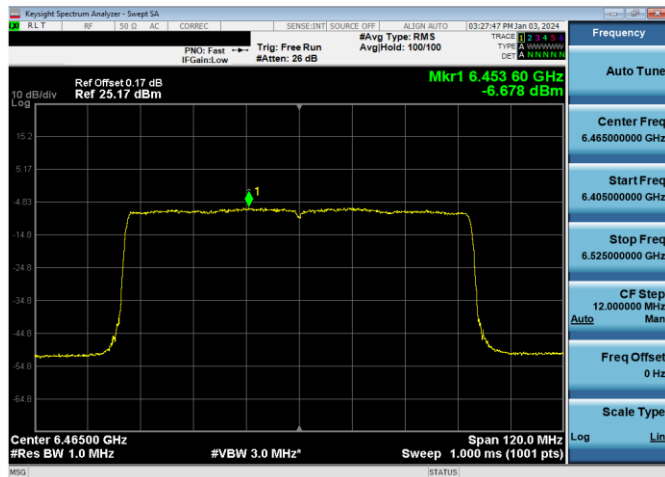




Plot 7-607. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)



Plot 7-609. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)

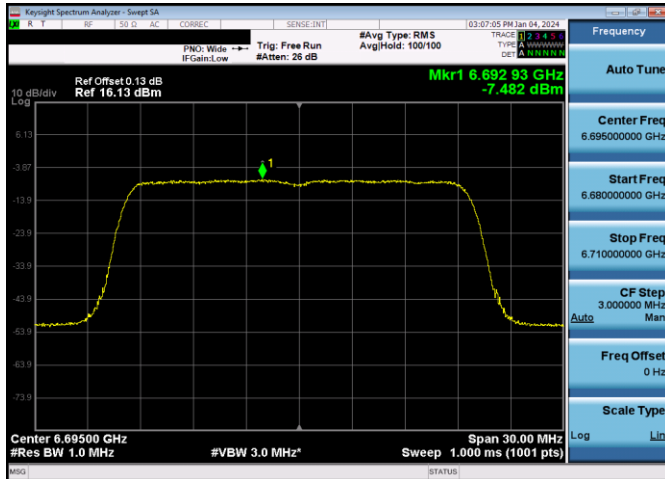


Plot 7-608. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

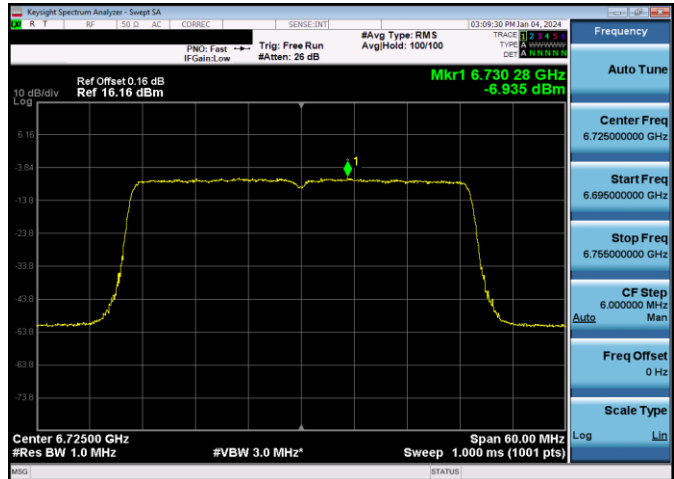


Plot 7-610. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)

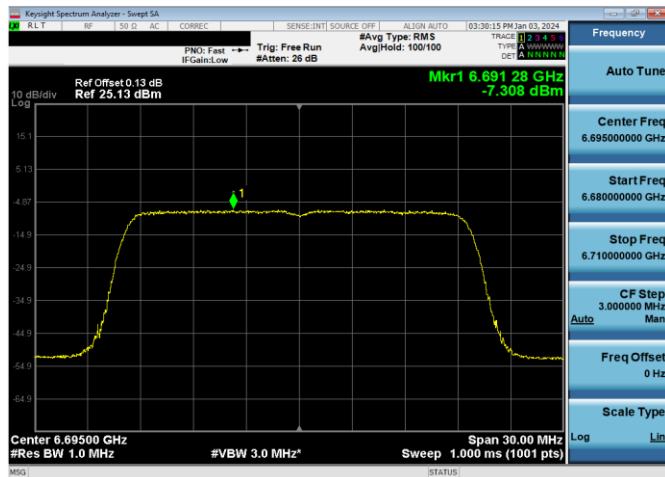
|  |                                       |   |  |                                   |
|--|---------------------------------------|---|--|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device                    |  | Page 229 of 552                   |



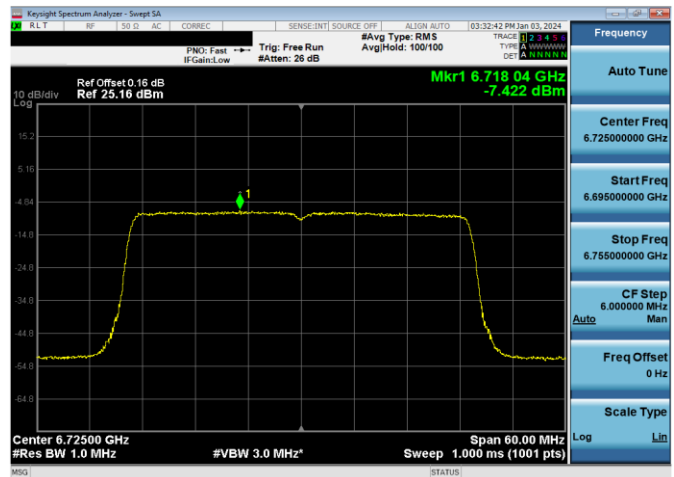
Plot 7-611. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)



Plot 7-613. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)

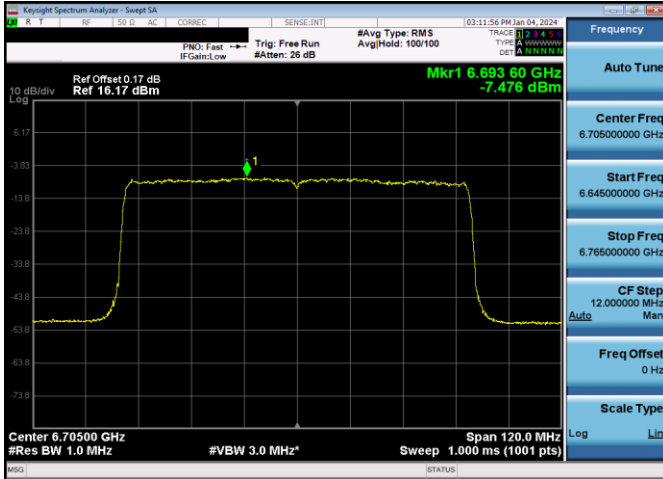


Plot 7-612. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

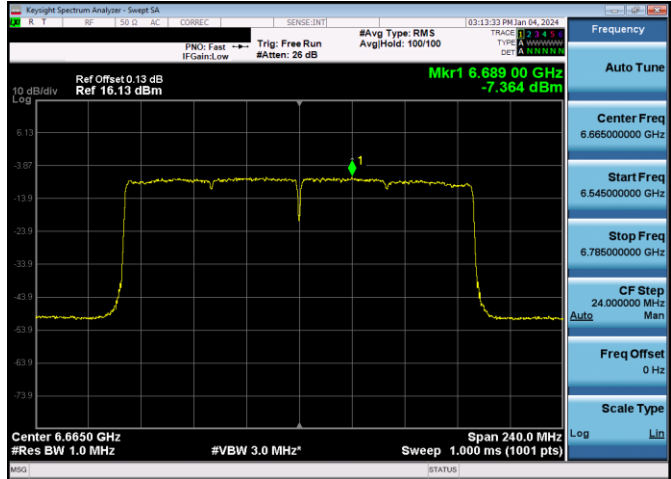


Plot 7-614. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)

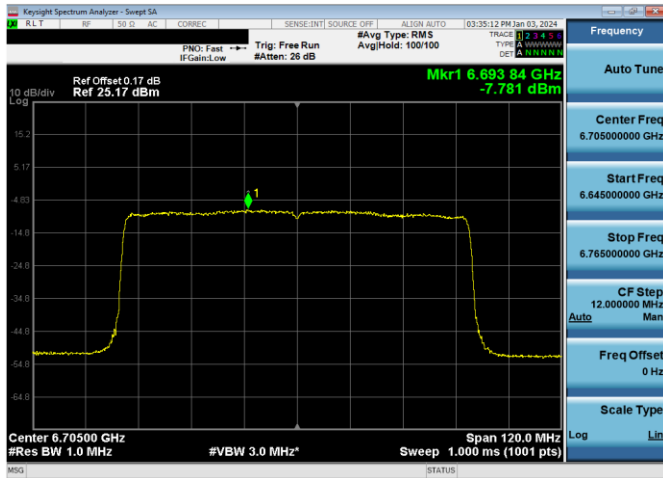
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 230 of 552                   |



Plot 7-615. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-617. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

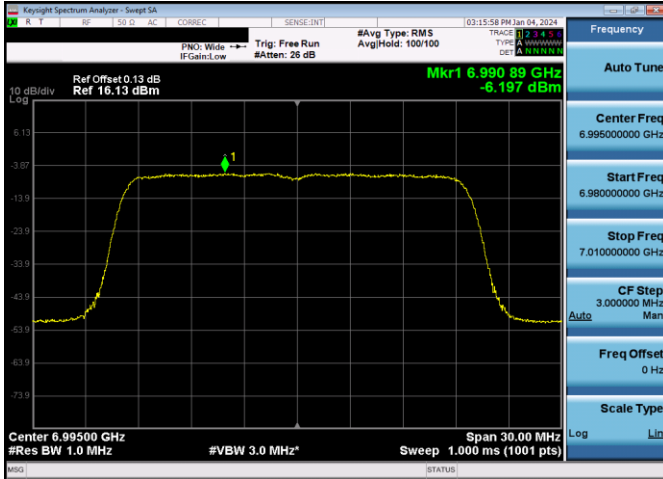


Plot 7-616. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)

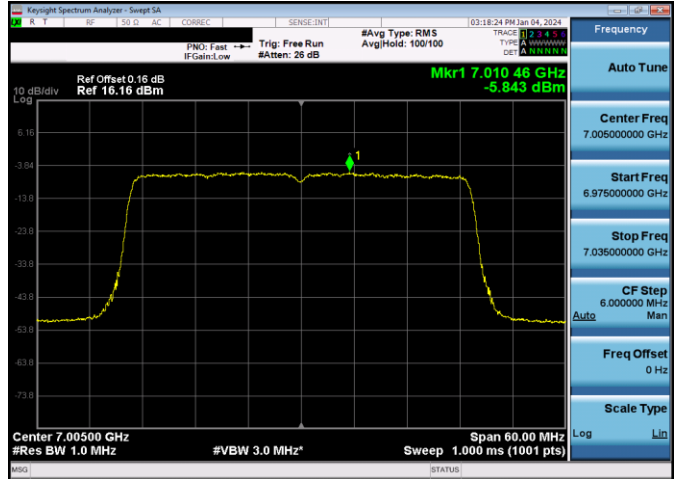


Plot 7-618. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

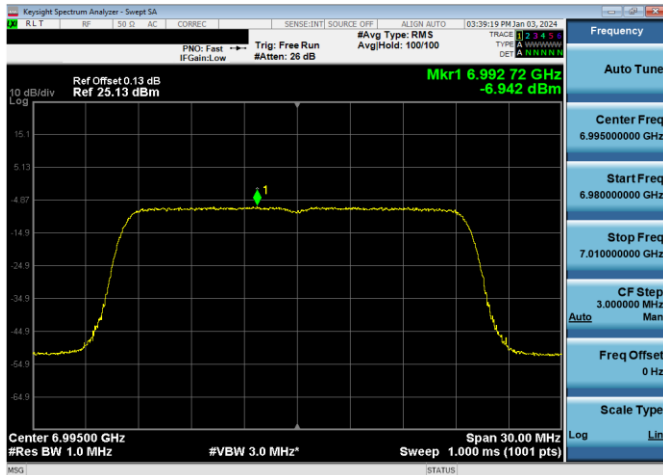
|  |                                       |                                       |                                   |
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| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 231 of 552                   |



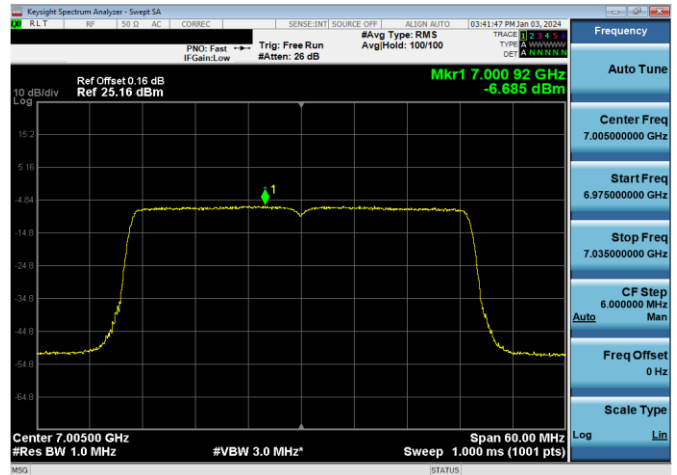
Plot 7-619. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS2)



Plot 7-621. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

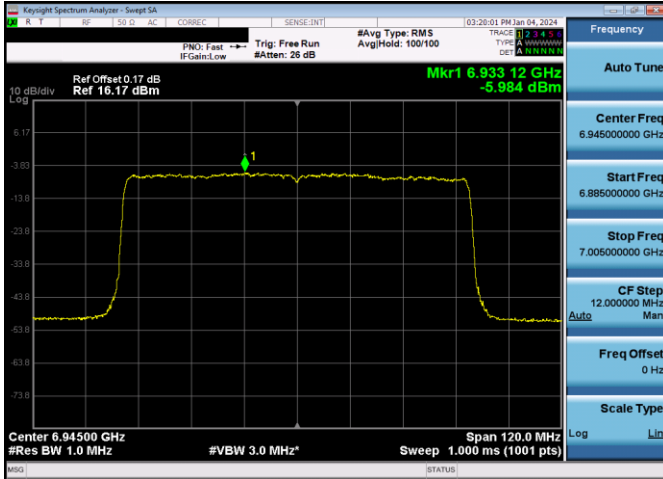


Plot 7-620. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS2)

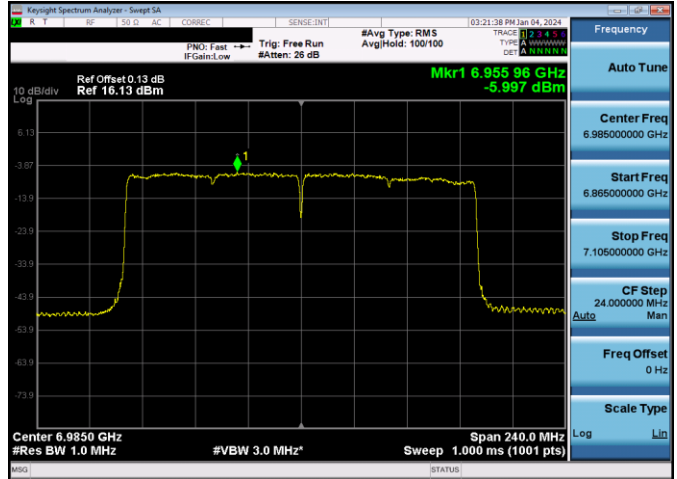


Plot 7-622. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

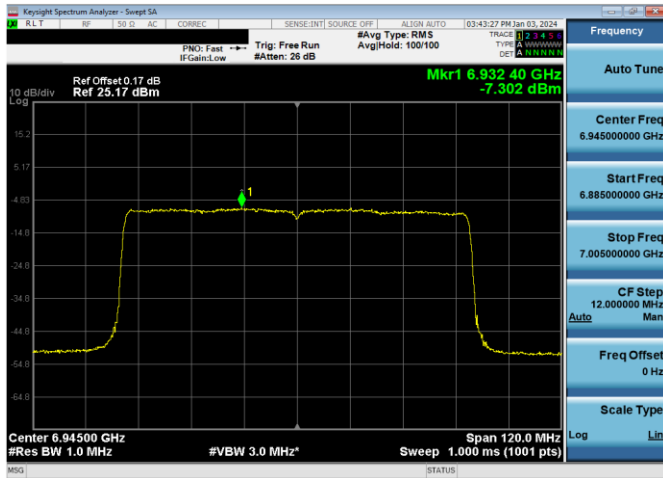
|  |                                       |                                       |                                   |
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| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 232 of 552                   |



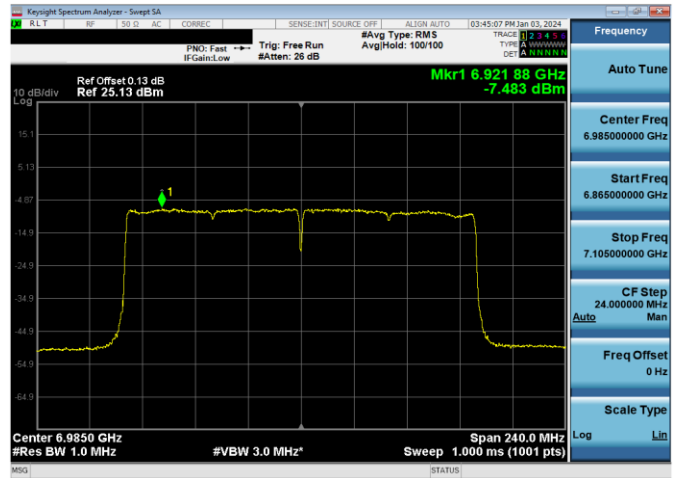
Plot 7-623. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)



Plot 7-625. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)



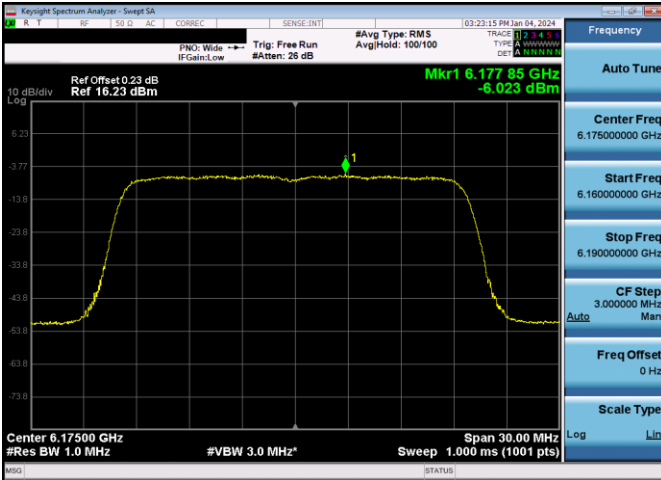
Plot 7-624. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)



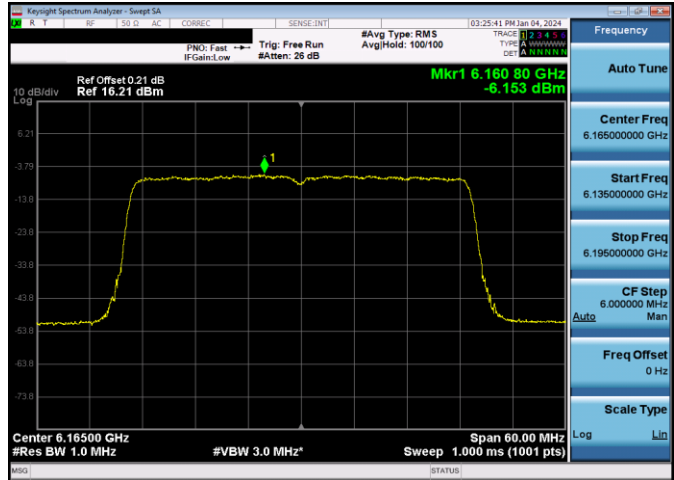
Plot 7-626. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)

|  |                                       |                                       |                                   |
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| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 233 of 552                   |

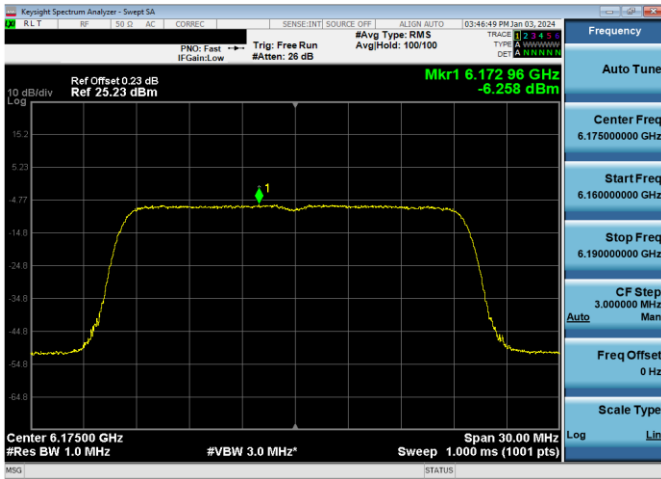
Mid Data Rate



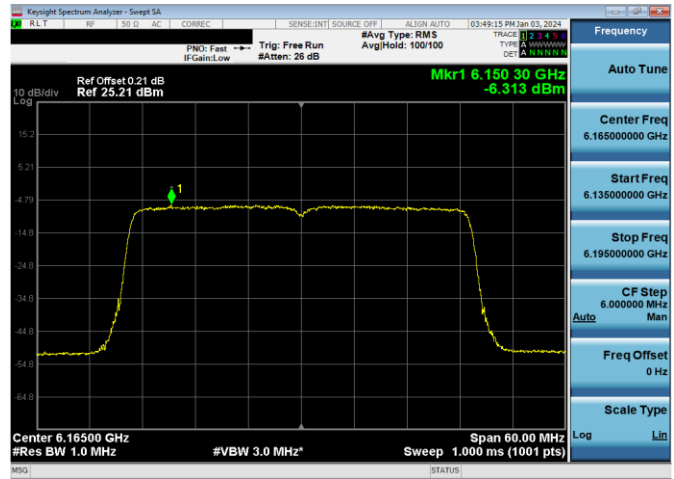
Plot 7-627. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-629. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

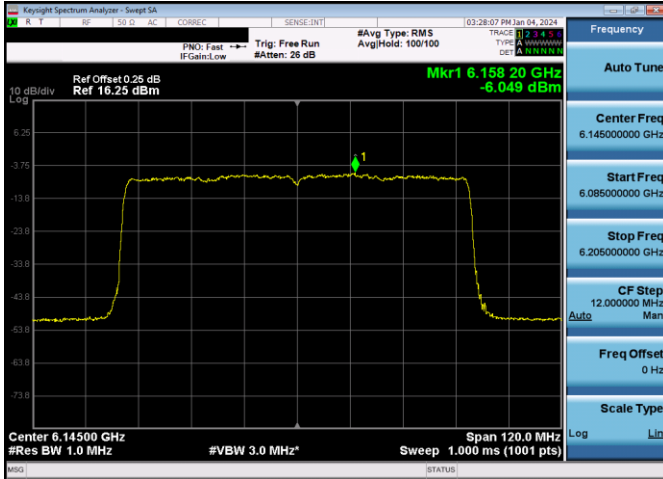


Plot 7-628. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)

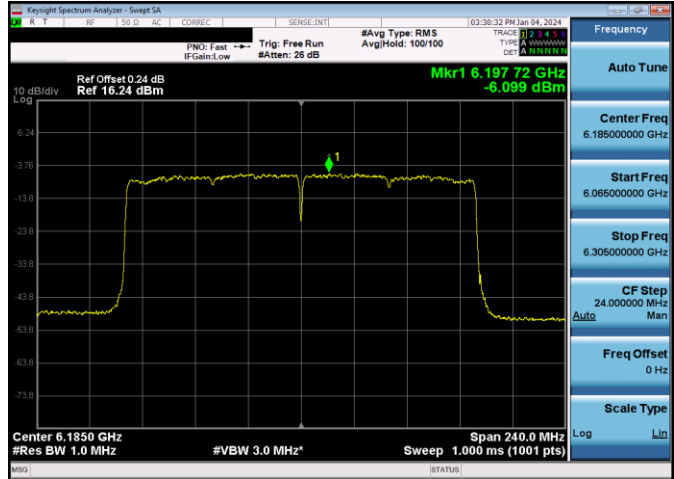


Plot 7-630. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

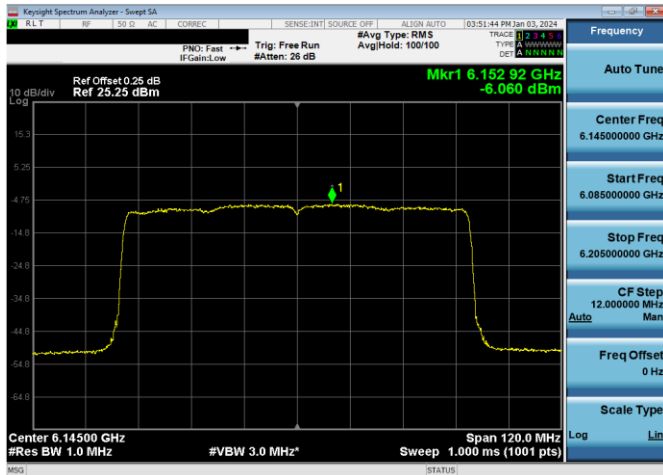
|  |   |   |   |
|--|---|---|---|
| <p>FCC ID: BCGA2898<br/>IC: 579C-A2898</p>         |   | <p>MEASUREMENT REPORT<br/>(CERTIFICATION)</p> | <p>Approved by:<br/>Technical Manager</p> |
| <p>Test Report S/N:<br/>1C2311270065-13-R2.BCG</p> | <p>Test Dates:<br/>12/1/2023 - 04/04/2024</p> | <p>EUT Type:<br/>Tablet Device</p>            | <p>Page 234 of 552</p>                    |



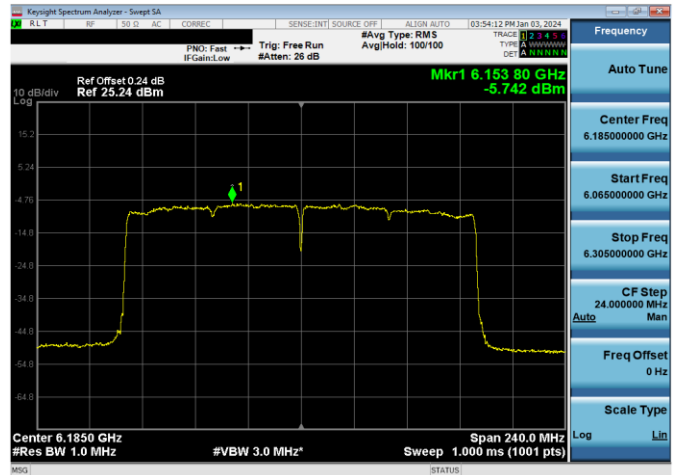
Plot 7-631. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



Plot 7-633. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

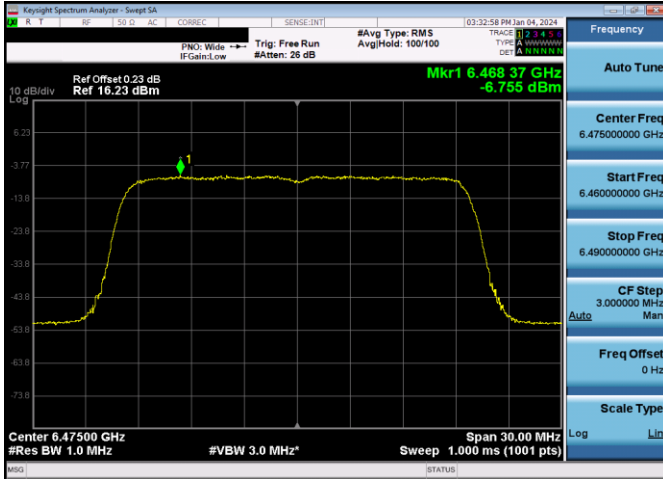


Plot 7-632. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)

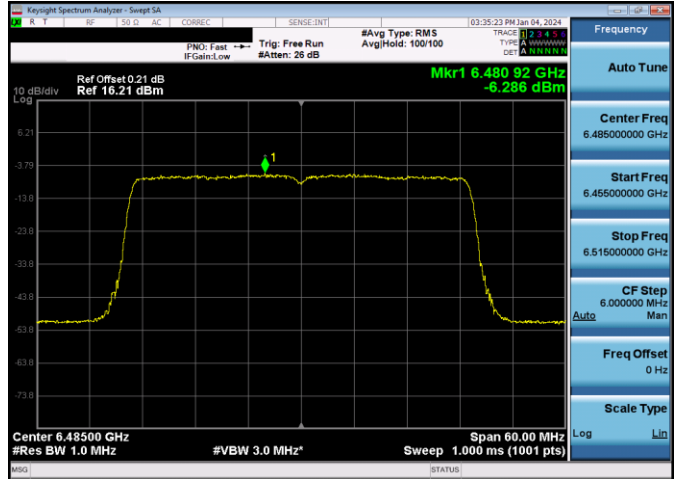


Plot 7-634. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

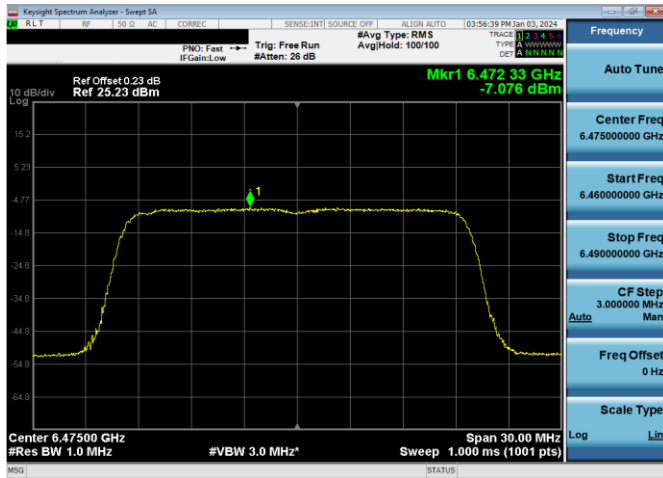
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| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 235 of 552                   |



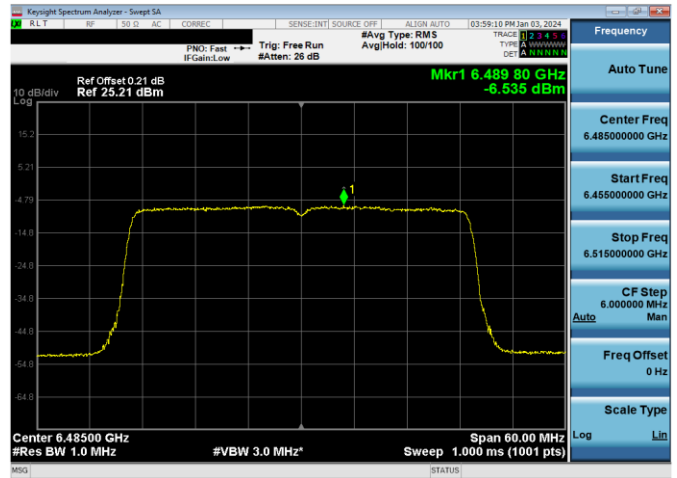
Plot 7-635. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



Plot 7-637. Power Spectral Density Plot SDM Diversity Antenna WF2a LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-636. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



Plot 7-638. Power Spectral Density Plot SDM Diversity Antenna WF7b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)

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| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-13-R2.BCG | Test Dates:<br>12/1/2023 - 04/04/2024 | EUT Type:<br>Tablet Device            | Page 236 of 552                   |