

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 14.40 | 14.36 | 17.39 | 30.00 | -12.61 | 5.57 | 22.96 | 36.02 | -13.06 |
| 2417 | 2 | AVG | 18.00 | 17.94 | 20.98 | 30.00 | -9.02 | 5.57 | 26.55 | 36.02 | -9.47 |
| 2422 | 3 | AVG | 19.36 | 19.50 | 22.44 | 30.00 | -7.56 | 5.57 | 28.01 | 36.02 | -8.01 |
| 2427 | 4 | AVG | 19.99 | 20.50 | 23.26 | 30.00 | -6.74 | 5.57 | 28.83 | 36.02 | -7.19 |
| 2432 | 5 | AVG | 19.94 | 20.28 | 23.12 | 30.00 | -6.88 | 5.57 | 28.69 | 36.02 | -7.33 |
| 2437 | 6 | AVG | 19.89 | 20.42 | 23.17 | 30.00 | -6.83 | 5.57 | 28.74 | 36.02 | -7.28 |
| 2442 | 7 | AVG | 19.82 | 20.38 | 23.12 | 30.00 | -6.88 | 5.57 | 28.69 | 36.02 | -7.33 |
| 2447 | 8 | AVG | 19.83 | 19.86 | 22.86 | 30.00 | -7.14 | 5.57 | 28.43 | 36.02 | -7.59 |
| 2452 | 9 | AVG | 19.54 | 19.93 | 22.75 | 30.00 | -7.25 | 5.57 | 28.32 | 36.02 | -7.70 |
| 2457 | 10 | AVG | 19.00 | 19.00 | 22.01 | 30.00 | -7.99 | 5.57 | 27.58 | 36.02 | -8.44 |
| 2462 | 11 | AVG | 14.50 | 14.41 | 17.47 | 30.00 | -12.53 | 5.57 | 23.04 | 36.02 | -12.98 |
| 2467 | 12 | AVG | 12.26 | 12.46 | 15.37 | 30.00 | -14.63 | 5.57 | 20.94 | 36.02 | -15.08 |
| 2472 | 13 | AVG | 6.45 | 6.43 | 9.45 | 30.00 | -20.55 | 5.57 | 15.02 | 36.02 | -21.00 |

Table 7-17. Average Conducted Output Power Measurements Diversity CDD (802.11g) – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 14.33 | 14.29 | 17.32 | 30.00 | -12.68 | 5.57 | 22.89 | 36.02 | -13.13 |
| 2417 | 2 | AVG | 17.81 | 17.98 | 20.91 | 30.00 | -9.09 | 5.57 | 26.48 | 36.02 | -9.54 |
| 2422 | 3 | AVG | 19.32 | 19.34 | 22.34 | 30.00 | -7.66 | 5.57 | 27.91 | 36.02 | -8.11 |
| 2427 | 4 | AVG | 19.90 | 20.35 | 23.14 | 30.00 | -6.86 | 5.57 | 28.71 | 36.02 | -7.31 |
| 2432 | 5 | AVG | 19.83 | 20.21 | 23.03 | 30.00 | -6.97 | 5.57 | 28.60 | 36.02 | -7.42 |
| 2437 | 6 | AVG | 19.77 | 20.22 | 23.01 | 30.00 | -6.99 | 5.57 | 28.58 | 36.02 | -7.44 |
| 2442 | 7 | AVG | 19.73 | 20.17 | 22.96 | 30.00 | -7.04 | 5.57 | 28.53 | 36.02 | -7.49 |
| 2447 | 8 | AVG | 19.71 | 19.94 | 22.84 | 30.00 | -7.16 | 5.57 | 28.41 | 36.02 | -7.61 |
| 2452 | 9 | AVG | 19.61 | 19.60 | 22.61 | 30.00 | -7.39 | 5.57 | 28.18 | 36.02 | -7.84 |
| 2457 | 10 | AVG | 18.94 | 18.95 | 21.95 | 30.00 | -8.05 | 5.57 | 27.52 | 36.02 | -8.50 |
| 2462 | 11 | AVG | 14.29 | 14.33 | 17.32 | 30.00 | -12.68 | 5.57 | 22.89 | 36.02 | -13.13 |
| 2467 | 12 | AVG | 12.50 | 12.32 | 15.42 | 30.00 | -14.58 | 5.57 | 20.99 | 36.02 | -15.03 |
| 2472 | 13 | AVG | 6.50 | 6.50 | 9.51 | 30.00 | -20.49 | 5.57 | 15.08 | 36.02 | -20.94 |

Table 7-18. Average Conducted Output Power Measurements Diversity CDD (802.11n) – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.94 | 13.91 | 16.94 | 30.00 | -13.06 | 5.57 | 22.51 | 36.02 | -13.51 |
| 2417 | 2 | AVG | 17.50 | 17.27 | 20.40 | 30.00 | -9.60 | 5.57 | 25.97 | 36.02 | -10.05 |
| 2422 | 3 | AVG | 19.00 | 18.90 | 21.96 | 30.00 | -8.04 | 5.57 | 27.53 | 36.02 | -8.49 |
| 2427 | 4 | AVG | 19.09 | 19.01 | 22.06 | 30.00 | -7.94 | 5.57 | 27.63 | 36.02 | -8.39 |
| 2432 | 5 | AVG | 20.04 | 20.31 | 23.18 | 30.00 | -6.82 | 5.57 | 28.75 | 36.02 | -7.27 |
| 2437 | 6 | AVG | 19.99 | 20.47 | 23.25 | 30.00 | -6.75 | 5.57 | 28.82 | 36.02 | -7.20 |
| 2442 | 7 | AVG | 19.82 | 20.21 | 23.03 | 30.00 | -6.97 | 5.57 | 28.60 | 36.02 | -7.42 |
| 2447 | 8 | AVG | 19.25 | 19.21 | 22.24 | 30.00 | -7.76 | 5.57 | 27.81 | 36.02 | -8.21 |
| 2452 | 9 | AVG | 19.00 | 19.00 | 22.01 | 30.00 | -7.99 | 5.57 | 27.58 | 36.02 | -8.44 |
| 2457 | 10 | AVG | 17.29 | 17.50 | 20.41 | 30.00 | -9.59 | 5.57 | 25.98 | 36.02 | -10.04 |
| 2462 | 11 | AVG | 13.45 | 13.35 | 16.41 | 30.00 | -13.59 | 5.57 | 21.98 | 36.02 | -14.04 |
| 2467 | 12 | AVG | 12.33 | 12.45 | 15.40 | 30.00 | -14.60 | 5.57 | 20.97 | 36.02 | -15.05 |

Table 7-19. Average Conducted Output Power Measurements Diversity CDD (802.11ax - SU) – Low Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 73 of 583 |

Mid Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | AVG | 13.97 | 13.94 | 13.39 | 30.00 | -16.03 | 3.50 | 17.47 | 36.02 | -18.55 |
| 2417 | 2 | AVG | 18.01 | 18.13 | 17.50 | 30.00 | -11.87 | 3.50 | 21.63 | 36.02 | -14.39 |
| 2422 | 3 | AVG | 19.25 | 19.23 | 18.50 | 30.00 | -10.75 | 3.50 | 22.75 | 36.02 | -13.27 |
| 2427 | 4 | AVG | 20.15 | 19.93 | 19.21 | 30.00 | -9.85 | 3.50 | 23.65 | 36.02 | -12.37 |
| 2432 | 5 | AVG | 19.95 | 19.64 | 19.87 | 30.00 | -10.05 | 3.50 | 23.45 | 36.02 | -12.57 |
| 2437 | 6 | AVG | 19.89 | 19.57 | 19.81 | 30.00 | -10.11 | 3.50 | 23.39 | 36.02 | -12.63 |
| 2442 | 7 | AVG | 19.82 | 19.50 | 19.75 | 30.00 | -10.18 | 3.50 | 23.32 | 36.02 | -12.70 |
| 2447 | 8 | AVG | 19.68 | 19.57 | 19.50 | 30.00 | -10.32 | 3.50 | 23.18 | 36.02 | -12.84 |
| 2452 | 9 | AVG | 18.90 | 19.00 | 19.00 | 30.00 | -11.00 | 3.50 | 22.50 | 36.02 | -13.52 |
| 2457 | 10 | AVG | 18.50 | 18.32 | 17.08 | 30.00 | -11.50 | 3.50 | 22.00 | 36.02 | -14.02 |
| 2462 | 11 | AVG | 14.96 | 15.00 | 14.50 | 30.00 | -15.00 | 3.50 | 18.50 | 36.02 | -17.52 |
| 2467 | 12 | AVG | 13.00 | 12.97 | 11.66 | 30.00 | -17.00 | 3.50 | 16.50 | 36.02 | -19.52 |
| 2472 | 13 | AVG | 8.50 | 8.37 | - | 30.00 | -21.50 | 3.50 | 12.00 | 36.02 | -24.02 |

Table 7-20. Average Conducted Output Power Measurements Antenna WF8 – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | AVG | 14.00 | 14.00 | 13.28 | 30.00 | -16.00 | 3.00 | 17.00 | 36.02 | -19.02 |
| 2417 | 2 | AVG | 18.08 | 18.21 | 17.35 | 30.00 | -11.80 | 3.00 | 21.21 | 36.02 | -14.82 |
| 2422 | 3 | AVG | 19.11 | 19.01 | 18.36 | 30.00 | -10.89 | 3.00 | 22.11 | 36.02 | -13.91 |
| 2427 | 4 | AVG | 20.50 | 20.36 | 19.04 | 30.00 | -9.50 | 3.00 | 23.50 | 36.02 | -12.52 |
| 2432 | 5 | AVG | 20.23 | 20.13 | 20.15 | 30.00 | -9.77 | 3.00 | 23.23 | 36.02 | -12.79 |
| 2437 | 6 | AVG | 20.18 | 19.89 | 20.07 | 30.00 | -9.82 | 3.00 | 23.18 | 36.02 | -12.84 |
| 2442 | 7 | AVG | 20.12 | 19.90 | 20.02 | 30.00 | -9.88 | 3.00 | 23.12 | 36.02 | -12.90 |
| 2447 | 8 | AVG | 19.72 | 19.60 | 19.36 | 30.00 | -10.28 | 3.00 | 22.72 | 36.02 | -13.30 |
| 2452 | 9 | AVG | 18.93 | 19.00 | 19.00 | 30.00 | -11.00 | 3.00 | 22.00 | 36.02 | -14.02 |
| 2457 | 10 | AVG | 18.38 | 18.31 | 17.08 | 30.00 | -11.62 | 3.00 | 21.38 | 36.02 | -14.64 |
| 2462 | 11 | AVG | 14.76 | 15.00 | 14.50 | 30.00 | -15.00 | 3.00 | 18.00 | 36.02 | -18.02 |
| 2467 | 12 | AVG | 12.82 | 12.96 | 11.88 | 30.00 | -17.04 | 3.00 | 15.96 | 36.02 | -20.06 |
| 2472 | 13 | AVG | 8.50 | 8.30 | - | 30.00 | -21.50 | 3.00 | 11.50 | 36.02 | -24.52 |

Table 7-21. Average Conducted Output Power Measurements Antenna WF7 – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | AVG | 14.00 | 13.90 | 13.47 | 30.00 | -16.00 | 1.50 | 15.50 | 36.02 | -20.52 |
| 2417 | 2 | AVG | 18.16 | 18.00 | 17.50 | 30.00 | -11.84 | 1.50 | 19.66 | 36.02 | -16.36 |
| 2422 | 3 | AVG | 19.01 | 19.10 | 18.44 | 30.00 | -10.90 | 1.50 | 20.60 | 36.02 | -15.42 |
| 2427 | 4 | AVG | 20.36 | 20.26 | 19.14 | 30.00 | -9.65 | 1.50 | 21.86 | 36.02 | -14.17 |
| 2432 | 5 | AVG | 20.28 | 20.21 | 20.43 | 30.00 | -9.57 | 1.50 | 21.93 | 36.02 | -14.09 |
| 2437 | 6 | AVG | 20.23 | 20.23 | 20.38 | 30.00 | -9.62 | 1.50 | 21.88 | 36.02 | -14.14 |
| 2442 | 7 | AVG | 20.16 | 20.22 | 20.33 | 30.00 | -9.67 | 1.50 | 21.83 | 36.02 | -14.19 |
| 2447 | 8 | AVG | 19.51 | 19.75 | 19.50 | 30.00 | -10.25 | 1.50 | 21.25 | 36.02 | -14.77 |
| 2452 | 9 | AVG | 18.83 | 18.75 | 18.78 | 30.00 | -11.17 | 1.50 | 20.33 | 36.02 | -15.69 |
| 2457 | 10 | AVG | 18.50 | 18.50 | 17.25 | 30.00 | -11.50 | 1.50 | 20.00 | 36.02 | -16.02 |
| 2462 | 11 | AVG | 14.89 | 14.81 | 14.50 | 30.00 | -15.11 | 1.50 | 16.39 | 36.02 | -19.63 |
| 2467 | 12 | AVG | 13.00 | 12.87 | 11.87 | 30.00 | -17.00 | 1.50 | 14.50 | 36.02 | -21.52 |
| 2472 | 13 | AVG | 8.41 | 8.28 | - | 30.00 | -21.59 | 1.50 | 9.91 | 36.02 | -26.11 |

Table 7-22. Average Conducted Output Power Measurements Antenna WF9 – Mid Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 74 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.94 | 13.94 | 16.95 | 29.74 | -12.79 | 6.26 | 23.21 | 36.02 | -12.81 |
| 2417 | 2 | AVG | 17.46 | 17.27 | 20.37 | 29.74 | -9.37 | 6.26 | 26.63 | 36.02 | -9.39 |
| 2422 | 3 | AVG | 18.66 | 18.68 | 21.68 | 29.74 | -8.06 | 6.26 | 27.94 | 36.02 | -8.08 |
| 2427 | 4 | AVG | 20.16 | 20.15 | 23.16 | 29.74 | -6.58 | 6.26 | 29.42 | 36.02 | -6.60 |
| 2432 | 5 | AVG | 19.98 | 20.12 | 23.06 | 29.74 | -6.68 | 6.26 | 29.32 | 36.02 | -6.70 |
| 2437 | 6 | AVG | 19.93 | 20.18 | 23.07 | 29.74 | -6.67 | 6.26 | 29.33 | 36.02 | -6.69 |
| 2442 | 7 | AVG | 19.89 | 20.25 | 23.08 | 29.74 | -6.66 | 6.26 | 29.34 | 36.02 | -6.68 |
| 2447 | 8 | AVG | 19.40 | 19.36 | 22.39 | 29.74 | -7.35 | 6.26 | 28.65 | 36.02 | -7.37 |
| 2452 | 9 | AVG | 19.00 | 18.83 | 21.93 | 29.74 | -7.81 | 6.26 | 28.19 | 36.02 | -7.83 |
| 2457 | 10 | AVG | 17.38 | 17.25 | 20.32 | 29.74 | -9.42 | 6.26 | 26.58 | 36.02 | -9.44 |
| 2462 | 11 | AVG | 14.50 | 14.50 | 17.51 | 29.74 | -12.23 | 6.26 | 23.77 | 36.02 | -12.25 |
| 2467 | 12 | AVG | 12.48 | 12.39 | 15.45 | 29.74 | -14.29 | 6.26 | 21.71 | 36.02 | -14.31 |
| 2472 | 13 | AVG | 5.85 | 5.68 | 8.78 | 29.74 | -20.96 | 6.26 | 15.04 | 36.02 | -20.98 |

Table 7-23. Average Conducted Output Power Measurements Primary CDD (802.11g) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.93 | 14.00 | 16.98 | 29.74 | -12.76 | 6.26 | 23.24 | 36.02 | -12.78 |
| 2417 | 2 | AVG | 17.50 | 17.39 | 20.46 | 29.74 | -9.28 | 6.26 | 26.72 | 36.02 | -9.30 |
| 2422 | 3 | AVG | 18.75 | 18.57 | 21.67 | 29.74 | -8.07 | 6.26 | 27.93 | 36.02 | -8.09 |
| 2427 | 4 | AVG | 20.06 | 20.00 | 23.04 | 29.74 | -6.70 | 6.26 | 29.30 | 36.02 | -6.72 |
| 2432 | 5 | AVG | 19.89 | 20.05 | 22.98 | 29.74 | -6.76 | 6.26 | 29.24 | 36.02 | -6.78 |
| 2437 | 6 | AVG | 19.88 | 20.17 | 23.04 | 29.74 | -6.70 | 6.26 | 29.30 | 36.02 | -6.72 |
| 2442 | 7 | AVG | 19.83 | 20.09 | 22.97 | 29.74 | -6.77 | 6.26 | 29.23 | 36.02 | -6.79 |
| 2447 | 8 | AVG | 19.50 | 19.38 | 22.45 | 29.74 | -7.29 | 6.26 | 28.71 | 36.02 | -7.31 |
| 2452 | 9 | AVG | 19.00 | 18.76 | 21.89 | 29.74 | -7.85 | 6.26 | 28.15 | 36.02 | -7.87 |
| 2457 | 10 | AVG | 17.50 | 17.29 | 20.41 | 29.74 | -9.33 | 6.26 | 26.67 | 36.02 | -9.35 |
| 2462 | 11 | AVG | 14.50 | 14.50 | 17.51 | 29.74 | -12.23 | 6.26 | 23.77 | 36.02 | -12.25 |
| 2467 | 12 | AVG | 12.46 | 12.37 | 15.42 | 29.74 | -14.32 | 6.26 | 21.68 | 36.02 | -14.34 |
| 2472 | 13 | AVG | 6.00 | 5.82 | 8.92 | 29.74 | -20.82 | 6.26 | 15.18 | 36.02 | -20.84 |

Table 7-24. Average Conducted Output Power Measurements Primary CDD (802.11n) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.18 | 13.01 | 16.11 | 29.74 | -13.63 | 6.26 | 22.37 | 36.02 | -13.65 |
| 2417 | 2 | AVG | 16.50 | 16.50 | 19.51 | 29.74 | -10.23 | 6.26 | 25.77 | 36.02 | -10.25 |
| 2422 | 3 | AVG | 17.93 | 17.93 | 20.94 | 29.74 | -8.80 | 6.26 | 27.20 | 36.02 | -8.82 |
| 2427 | 4 | AVG | 18.50 | 18.31 | 21.41 | 29.74 | -8.33 | 6.26 | 27.67 | 36.02 | -8.35 |
| 2432 | 5 | AVG | 19.87 | 19.88 | 22.88 | 29.74 | -6.86 | 6.26 | 29.14 | 36.02 | -6.88 |
| 2437 | 6 | AVG | 19.86 | 20.21 | 23.05 | 29.74 | -6.69 | 6.26 | 29.31 | 36.02 | -6.71 |
| 2442 | 7 | AVG | 19.67 | 20.00 | 22.84 | 29.74 | -6.90 | 6.26 | 29.10 | 36.02 | -6.92 |
| 2447 | 8 | AVG | 19.00 | 18.79 | 21.91 | 29.74 | -7.83 | 6.26 | 28.17 | 36.02 | -7.85 |
| 2452 | 9 | AVG | 18.48 | 18.43 | 21.46 | 29.74 | -8.28 | 6.26 | 27.72 | 36.02 | -8.30 |
| 2457 | 10 | AVG | 16.72 | 16.75 | 19.74 | 29.74 | -10.00 | 6.26 | 26.00 | 36.02 | -10.02 |
| 2462 | 11 | AVG | 13.45 | 13.33 | 16.40 | 29.74 | -13.34 | 6.26 | 22.66 | 36.02 | -13.36 |
| 2467 | 12 | AVG | 11.83 | 11.98 | 14.92 | 29.74 | -14.82 | 6.26 | 21.18 | 36.02 | -14.84 |

Table 7-25. Average Conducted Output Power Measurements Primary CDD (802.11ax - SU) – Mid Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 75 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.94 | 14.00 | 16.98 | 30.00 | -13.02 | 5.57 | 22.55 | 36.02 | -13.47 |
| 2417 | 2 | AVG | 17.46 | 17.38 | 20.43 | 30.00 | -9.57 | 5.57 | 26.00 | 36.02 | -10.02 |
| 2422 | 3 | AVG | 18.66 | 18.66 | 21.67 | 30.00 | -8.33 | 5.57 | 27.24 | 36.02 | -8.78 |
| 2427 | 4 | AVG | 20.16 | 20.22 | 23.20 | 30.00 | -6.80 | 5.57 | 28.77 | 36.02 | -7.25 |
| 2432 | 5 | AVG | 19.98 | 20.37 | 23.19 | 30.00 | -6.81 | 5.57 | 28.76 | 36.02 | -7.26 |
| 2437 | 6 | AVG | 19.93 | 20.31 | 23.14 | 30.00 | -6.86 | 5.57 | 28.71 | 36.02 | -7.31 |
| 2442 | 7 | AVG | 19.89 | 20.35 | 23.14 | 30.00 | -6.86 | 5.57 | 28.71 | 36.02 | -7.31 |
| 2447 | 8 | AVG | 19.40 | 19.45 | 22.43 | 30.00 | -7.57 | 5.57 | 28.00 | 36.02 | -8.02 |
| 2452 | 9 | AVG | 19.00 | 18.94 | 21.98 | 30.00 | -8.02 | 5.57 | 27.55 | 36.02 | -8.47 |
| 2457 | 10 | AVG | 17.38 | 17.36 | 20.38 | 30.00 | -9.62 | 5.57 | 25.95 | 36.02 | -10.07 |
| 2462 | 11 | AVG | 14.50 | 14.43 | 17.47 | 30.00 | -12.53 | 5.57 | 23.04 | 36.02 | -12.98 |
| 2467 | 12 | AVG | 12.48 | 12.50 | 15.50 | 30.00 | -14.50 | 5.57 | 21.07 | 36.02 | -14.95 |
| 2472 | 13 | AVG | 5.85 | 6.00 | 8.94 | 30.00 | -21.06 | 5.57 | 14.51 | 36.02 | -21.51 |

Table 7-26. Average Conducted Output Power Measurements Diversity CDD (802.11g) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.93 | 13.88 | 16.91 | 30.00 | -13.09 | 5.57 | 22.48 | 36.02 | -13.54 |
| 2417 | 2 | AVG | 17.50 | 17.34 | 20.43 | 30.00 | -9.57 | 5.57 | 26.00 | 36.02 | -10.02 |
| 2422 | 3 | AVG | 18.75 | 18.68 | 21.72 | 30.00 | -8.28 | 5.57 | 27.29 | 36.02 | -8.73 |
| 2427 | 4 | AVG | 20.06 | 20.25 | 23.16 | 30.00 | -6.84 | 5.57 | 28.73 | 36.02 | -7.29 |
| 2432 | 5 | AVG | 19.89 | 20.18 | 23.05 | 30.00 | -6.95 | 5.57 | 28.62 | 36.02 | -7.40 |
| 2437 | 6 | AVG | 19.88 | 20.33 | 23.12 | 30.00 | -6.88 | 5.57 | 28.69 | 36.02 | -7.33 |
| 2442 | 7 | AVG | 19.83 | 20.29 | 23.08 | 30.00 | -6.92 | 5.57 | 28.65 | 36.02 | -7.37 |
| 2447 | 8 | AVG | 19.50 | 19.50 | 22.51 | 30.00 | -7.49 | 5.57 | 28.08 | 36.02 | -7.94 |
| 2452 | 9 | AVG | 19.00 | 18.96 | 21.99 | 30.00 | -8.01 | 5.57 | 27.56 | 36.02 | -8.46 |
| 2457 | 10 | AVG | 17.50 | 17.30 | 20.41 | 30.00 | -9.59 | 5.57 | 25.98 | 36.02 | -10.04 |
| 2462 | 11 | AVG | 14.50 | 14.26 | 17.39 | 30.00 | -12.61 | 5.57 | 22.96 | 36.02 | -13.06 |
| 2467 | 12 | AVG | 12.46 | 12.37 | 15.43 | 30.00 | -14.57 | 5.57 | 21.00 | 36.02 | -15.02 |
| 2472 | 13 | AVG | 6.00 | 5.94 | 8.98 | 30.00 | -21.02 | 5.57 | 14.55 | 36.02 | -21.47 |

Table 7-27. Average Conducted Output Power Measurements Diversity CDD (802.11n) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.18 | 13.09 | 16.15 | 30.00 | -13.85 | 5.57 | 21.72 | 36.02 | -14.30 |
| 2417 | 2 | AVG | 16.50 | 16.50 | 19.51 | 30.00 | -10.49 | 5.57 | 25.08 | 36.02 | -10.94 |
| 2422 | 3 | AVG | 17.93 | 18.00 | 20.98 | 30.00 | -9.02 | 5.57 | 26.55 | 36.02 | -9.47 |
| 2427 | 4 | AVG | 18.50 | 18.26 | 21.39 | 30.00 | -8.61 | 5.57 | 26.96 | 36.02 | -9.06 |
| 2432 | 5 | AVG | 19.87 | 20.00 | 22.95 | 30.00 | -7.05 | 5.57 | 28.52 | 36.02 | -7.50 |
| 2437 | 6 | AVG | 19.86 | 20.44 | 23.17 | 30.00 | -6.83 | 5.57 | 28.74 | 36.02 | -7.28 |
| 2442 | 7 | AVG | 19.67 | 19.89 | 22.79 | 30.00 | -7.21 | 5.57 | 28.36 | 36.02 | -7.66 |
| 2447 | 8 | AVG | 19.00 | 19.00 | 22.01 | 30.00 | -7.99 | 5.57 | 27.58 | 36.02 | -8.44 |
| 2452 | 9 | AVG | 18.48 | 18.39 | 21.44 | 30.00 | -8.56 | 5.57 | 27.01 | 36.02 | -9.01 |
| 2457 | 10 | AVG | 16.72 | 16.75 | 19.74 | 30.00 | -10.26 | 5.57 | 25.31 | 36.02 | -10.71 |
| 2462 | 11 | AVG | 13.45 | 13.50 | 16.48 | 30.00 | -13.52 | 5.57 | 22.05 | 36.02 | -13.97 |
| 2467 | 12 | AVG | 11.83 | 11.94 | 14.90 | 30.00 | -15.10 | 5.57 | 20.47 | 36.02 | -15.55 |

Table 7-28. Average Conducted Output Power Measurements Diversity CDD (802.11ax - SU) – Mid Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 76 of 583 |

High Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11b | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | AVG | 19.31 | 14.34 | 14.50 | 12.89 | 30.00 | -10.69 | 3.50 | 22.81 | 36.02 | -13.21 |
| 2417 | 2 | AVG | 20.45 | 17.12 | 17.05 | 16.50 | 30.00 | -9.55 | 3.50 | 23.95 | 36.02 | -12.07 |
| 2422 | 3 | AVG | 20.41 | 18.50 | 18.66 | 18.24 | 30.00 | -9.59 | 3.50 | 23.91 | 36.02 | -12.11 |
| 2427 | 4 | AVG | 20.29 | 19.35 | 19.50 | 18.93 | 30.00 | -9.71 | 3.50 | 23.79 | 36.02 | -12.23 |
| 2432 | 5 | AVG | 20.39 | 19.94 | 19.96 | 20.03 | 30.00 | -9.61 | 3.50 | 23.89 | 36.02 | -12.13 |
| 2437 | 6 | AVG | 19.27 | 20.01 | 19.92 | 19.98 | 30.00 | -9.99 | 3.50 | 23.51 | 36.02 | -12.51 |
| 2442 | 7 | AVG | 20.22 | 19.94 | 19.68 | 19.94 | 30.00 | -9.78 | 3.50 | 23.72 | 36.02 | -12.30 |
| 2447 | 8 | AVG | 20.20 | 19.50 | 19.43 | 19.00 | 30.00 | -9.80 | 3.50 | 23.70 | 36.02 | -12.32 |
| 2452 | 9 | AVG | 20.16 | 18.96 | 19.00 | 17.82 | 30.00 | -9.84 | 3.50 | 23.66 | 36.02 | -12.36 |
| 2457 | 10 | AVG | 20.36 | 17.28 | 17.37 | 16.33 | 30.00 | -9.64 | 3.50 | 23.86 | 36.02 | -12.16 |
| 2462 | 11 | AVG | 19.26 | 13.90 | 13.92 | 13.47 | 30.00 | -10.74 | 3.50 | 22.76 | 36.02 | -13.26 |
| 2467 | 12 | AVG | 18.41 | 12.27 | 12.30 | 11.50 | 30.00 | -11.59 | 3.50 | 21.91 | 36.02 | -14.11 |
| 2472 | 13 | AVG | 16.00 | 7.98 | 7.90 | - | 30.00 | -14.00 | 3.50 | 19.50 | 36.02 | -16.52 |

Table 7-29. Average Conducted Output Power Measurements Antenna WF8 – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11b | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | AVG | 20.09 | 14.50 | 14.45 | 13.00 | 30.00 | -9.91 | 3.00 | 23.09 | 36.02 | -12.93 |
| 2417 | 2 | AVG | 20.36 | 17.25 | 17.25 | 16.43 | 30.00 | -9.64 | 3.00 | 23.36 | 36.02 | -12.66 |
| 2422 | 3 | AVG | 20.26 | 18.75 | 18.67 | 18.04 | 30.00 | -9.74 | 3.00 | 23.26 | 36.02 | -12.76 |
| 2427 | 4 | AVG | 20.50 | 19.50 | 19.28 | 18.95 | 30.00 | -9.50 | 3.00 | 23.50 | 36.02 | -12.52 |
| 2432 | 5 | AVG | 20.43 | 20.24 | 20.24 | 20.24 | 30.00 | -9.58 | 3.00 | 23.43 | 36.02 | -12.60 |
| 2437 | 6 | AVG | 20.07 | 20.16 | 20.20 | 20.18 | 30.00 | -9.80 | 3.00 | 23.20 | 36.02 | -12.82 |
| 2442 | 7 | AVG | 20.26 | 20.16 | 20.14 | 20.17 | 30.00 | -9.74 | 3.00 | 23.26 | 36.02 | -12.76 |
| 2447 | 8 | AVG | 20.18 | 19.32 | 19.36 | 19.00 | 30.00 | -9.82 | 3.00 | 23.18 | 36.02 | -12.84 |
| 2452 | 9 | AVG | 20.20 | 18.98 | 19.00 | 17.81 | 30.00 | -9.80 | 3.00 | 23.20 | 36.02 | -12.82 |
| 2457 | 10 | AVG | 20.46 | 17.50 | 17.44 | 16.34 | 30.00 | -9.55 | 3.00 | 23.46 | 36.02 | -12.57 |
| 2462 | 11 | AVG | 19.92 | 14.00 | 14.00 | 13.45 | 30.00 | -10.08 | 3.00 | 22.92 | 36.02 | -13.10 |
| 2467 | 12 | AVG | 18.38 | 12.50 | 12.48 | 11.36 | 30.00 | -11.62 | 3.00 | 21.38 | 36.02 | -14.64 |
| 2472 | 13 | AVG | 13.67 | 7.84 | 8.00 | - | 30.00 | -16.33 | 3.00 | 16.67 | 36.02 | -19.35 |

Table 7-30. Average Conducted Output Power Measurements Antenna WF7 – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11b | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | AVG | 20.08 | 14.28 | 14.27 | 13.00 | 30.00 | -9.92 | 1.50 | 21.58 | 36.02 | -14.44 |
| 2417 | 2 | AVG | 20.43 | 17.17 | 17.14 | 16.50 | 30.00 | -9.57 | 1.50 | 21.93 | 36.02 | -14.09 |
| 2422 | 3 | AVG | 20.39 | 18.75 | 18.54 | 18.25 | 30.00 | -9.61 | 1.50 | 21.89 | 36.02 | -14.13 |
| 2427 | 4 | AVG | 20.33 | 19.47 | 19.38 | 19.00 | 30.00 | -9.67 | 1.50 | 21.83 | 36.02 | -14.19 |
| 2432 | 5 | AVG | 20.28 | 20.35 | 20.30 | 20.40 | 30.00 | -9.60 | 1.50 | 21.90 | 36.02 | -14.12 |
| 2437 | 6 | AVG | 20.25 | 20.31 | 20.26 | 20.34 | 30.00 | -9.66 | 1.50 | 21.84 | 36.02 | -14.18 |
| 2442 | 7 | AVG | 20.48 | 20.26 | 20.41 | 20.29 | 30.00 | -9.52 | 1.50 | 21.98 | 36.02 | -14.04 |
| 2447 | 8 | AVG | 20.41 | 19.50 | 19.50 | 19.00 | 30.00 | -9.59 | 1.50 | 21.91 | 36.02 | -14.11 |
| 2452 | 9 | AVG | 20.32 | 18.90 | 18.87 | 18.00 | 30.00 | -9.68 | 1.50 | 21.82 | 36.02 | -14.20 |
| 2457 | 10 | AVG | 20.26 | 17.24 | 17.34 | 16.28 | 30.00 | -9.74 | 1.50 | 21.76 | 36.02 | -14.26 |
| 2462 | 11 | AVG | 20.13 | 13.89 | 13.84 | 13.36 | 30.00 | -9.87 | 1.50 | 21.63 | 36.02 | -14.39 |
| 2467 | 12 | AVG | 17.37 | 12.32 | 12.47 | 11.50 | 30.00 | -12.63 | 1.50 | 18.87 | 36.02 | -17.15 |
| 2472 | 13 | AVG | 15.56 | 7.84 | 7.81 | - | 30.00 | -14.44 | 1.50 | 17.06 | 36.02 | -18.96 |

Table 7-31. Average Conducted Output Power Measurements Antenna WF9 – High Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 77 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.75 | 13.61 | 16.69 | 29.74 | -13.05 | 6.26 | 22.95 | 36.02 | -13.07 |
| 2417 | 2 | AVG | 16.72 | 16.75 | 19.74 | 29.74 | -10.00 | 6.26 | 26.00 | 36.02 | -10.02 |
| 2422 | 3 | AVG | 17.85 | 17.87 | 20.87 | 29.74 | -8.87 | 6.26 | 27.13 | 36.02 | -8.89 |
| 2427 | 4 | AVG | 19.17 | 19.16 | 22.17 | 29.74 | -7.57 | 6.26 | 28.43 | 36.02 | -7.59 |
| 2432 | 5 | AVG | 20.21 | 20.05 | 23.14 | 29.74 | -6.60 | 6.26 | 29.40 | 36.02 | -6.62 |
| 2437 | 6 | AVG | 20.17 | 20.06 | 23.12 | 29.74 | -6.62 | 6.26 | 29.38 | 36.02 | -6.64 |
| 2442 | 7 | AVG | 20.15 | 20.04 | 23.10 | 29.74 | -6.64 | 6.26 | 29.36 | 36.02 | -6.66 |
| 2447 | 8 | AVG | 19.00 | 18.91 | 21.97 | 29.74 | -7.77 | 6.26 | 28.23 | 36.02 | -7.79 |
| 2452 | 9 | AVG | 18.14 | 18.08 | 21.12 | 29.74 | -8.62 | 6.26 | 27.38 | 36.02 | -8.64 |
| 2457 | 10 | AVG | 16.60 | 16.51 | 19.57 | 29.74 | -10.17 | 6.26 | 25.83 | 36.02 | -10.19 |
| 2462 | 11 | AVG | 14.00 | 14.00 | 17.01 | 29.74 | -12.73 | 6.26 | 23.27 | 36.02 | -12.75 |
| 2467 | 12 | AVG | 11.75 | 11.81 | 14.79 | 29.74 | -14.95 | 6.26 | 21.05 | 36.02 | -14.97 |
| 2472 | 13 | AVG | 5.32 | 5.39 | 8.36 | 29.74 | -21.38 | 6.26 | 14.62 | 36.02 | -21.40 |

Table 7-32. Average Conducted Output Power Measurements Primary CDD (802.11g) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.66 | 13.75 | 16.72 | 29.74 | -13.02 | 6.26 | 22.98 | 36.02 | -13.04 |
| 2417 | 2 | AVG | 16.71 | 16.75 | 19.74 | 29.74 | -10.00 | 6.26 | 26.00 | 36.02 | -10.02 |
| 2422 | 3 | AVG | 17.85 | 17.84 | 20.86 | 29.74 | -8.88 | 6.26 | 27.12 | 36.02 | -8.90 |
| 2427 | 4 | AVG | 19.21 | 19.19 | 22.21 | 29.74 | -7.53 | 6.26 | 28.47 | 36.02 | -7.55 |
| 2432 | 5 | AVG | 19.71 | 19.73 | 22.73 | 29.74 | -7.01 | 6.26 | 28.99 | 36.02 | -7.03 |
| 2437 | 6 | AVG | 19.89 | 19.69 | 22.80 | 29.74 | -6.94 | 6.26 | 29.06 | 36.02 | -6.96 |
| 2442 | 7 | AVG | 19.64 | 19.91 | 22.79 | 29.74 | -6.95 | 6.26 | 29.05 | 36.02 | -6.97 |
| 2447 | 8 | AVG | 18.70 | 19.00 | 21.86 | 29.74 | -7.88 | 6.26 | 28.12 | 36.02 | -7.90 |
| 2452 | 9 | AVG | 18.25 | 18.25 | 21.26 | 29.74 | -8.48 | 6.26 | 27.52 | 36.02 | -8.50 |
| 2457 | 10 | AVG | 16.75 | 16.75 | 19.76 | 29.74 | -9.98 | 6.26 | 26.02 | 36.02 | -10.00 |
| 2462 | 11 | AVG | 13.90 | 14.00 | 16.96 | 29.74 | -12.78 | 6.26 | 23.22 | 36.02 | -12.80 |
| 2467 | 12 | AVG | 12.00 | 11.91 | 14.97 | 29.74 | -14.77 | 6.26 | 21.23 | 36.02 | -14.79 |
| 2472 | 13 | AVG | 5.34 | 5.41 | 8.39 | 29.74 | -21.35 | 6.26 | 14.65 | 36.02 | -21.37 |

Table 7-33. Average Conducted Output Power Measurements Primary CDD (802.11n) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | AVG | 12.54 | 12.75 | 15.66 | 29.74 | -14.08 | 6.26 | 21.92 | 36.02 | -14.10 |
| 2417 | 2 | AVG | 15.17 | 15.25 | 18.22 | 29.74 | -11.52 | 6.26 | 24.48 | 36.02 | -11.54 |
| 2422 | 3 | AVG | 17.23 | 17.11 | 20.18 | 29.74 | -9.56 | 6.26 | 26.44 | 36.02 | -9.58 |
| 2427 | 4 | AVG | 18.42 | 18.27 | 21.36 | 29.74 | -8.38 | 6.26 | 27.62 | 36.02 | -8.40 |
| 2432 | 5 | AVG | 19.49 | 19.30 | 22.41 | 29.74 | -7.33 | 6.26 | 28.67 | 36.02 | -7.35 |
| 2437 | 6 | AVG | 20.02 | 20.15 | 23.09 | 29.74 | -6.65 | 6.26 | 29.35 | 36.02 | -6.67 |
| 2442 | 7 | AVG | 19.50 | 19.43 | 22.47 | 29.74 | -7.27 | 6.26 | 28.73 | 36.02 | -7.29 |
| 2447 | 8 | AVG | 17.91 | 17.98 | 20.96 | 29.74 | -8.78 | 6.26 | 27.22 | 36.02 | -8.80 |
| 2452 | 9 | AVG | 17.28 | 17.37 | 20.33 | 29.74 | -9.41 | 6.26 | 26.59 | 36.02 | -9.43 |
| 2457 | 10 | AVG | 15.50 | 15.39 | 18.46 | 29.74 | -11.28 | 6.26 | 24.72 | 36.02 | -11.30 |
| 2462 | 11 | AVG | 12.99 | 12.96 | 15.99 | 29.74 | -13.75 | 6.26 | 22.25 | 36.02 | -13.77 |
| 2467 | 12 | AVG | 11.50 | 11.47 | 14.50 | 29.74 | -15.24 | 6.26 | 20.76 | 36.02 | -15.26 |

Table 7-34. Average Conducted Output Power Measurements Primary CDD (802.11ax - SU) – High Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 78 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.75 | 13.56 | 16.67 | 30.00 | -13.33 | 5.57 | 22.24 | 36.02 | -13.78 |
| 2417 | 2 | AVG | 16.72 | 16.51 | 19.63 | 30.00 | -10.37 | 5.57 | 25.20 | 36.02 | -10.82 |
| 2422 | 3 | AVG | 17.85 | 18.00 | 20.94 | 30.00 | -9.06 | 5.57 | 26.51 | 36.02 | -9.51 |
| 2427 | 4 | AVG | 19.17 | 19.22 | 22.20 | 30.00 | -7.80 | 5.57 | 27.77 | 36.02 | -8.25 |
| 2432 | 5 | AVG | 20.21 | 20.34 | 23.28 | 30.00 | -6.72 | 5.57 | 28.85 | 36.02 | -7.17 |
| 2437 | 6 | AVG | 20.17 | 20.38 | 23.29 | 30.00 | -6.71 | 5.57 | 28.86 | 36.02 | -7.16 |
| 2442 | 7 | AVG | 20.15 | 20.23 | 23.20 | 30.00 | -6.80 | 5.57 | 28.77 | 36.02 | -7.25 |
| 2447 | 8 | AVG | 19.00 | 18.99 | 22.00 | 30.00 | -8.00 | 5.57 | 27.57 | 36.02 | -8.45 |
| 2452 | 9 | AVG | 18.14 | 17.98 | 21.07 | 30.00 | -8.93 | 5.57 | 26.64 | 36.02 | -9.38 |
| 2457 | 10 | AVG | 16.60 | 16.75 | 19.69 | 30.00 | -10.31 | 5.57 | 25.26 | 36.02 | -10.76 |
| 2462 | 11 | AVG | 14.00 | 14.00 | 17.01 | 30.00 | -12.99 | 5.57 | 22.58 | 36.02 | -13.44 |
| 2467 | 12 | AVG | 11.75 | 11.77 | 14.77 | 30.00 | -15.23 | 5.57 | 20.34 | 36.02 | -15.68 |
| 2472 | 13 | AVG | 5.32 | 5.50 | 8.42 | 30.00 | -21.58 | 5.57 | 13.99 | 36.02 | -22.03 |

Table 7-35. Average Conducted Output Power Measurements Diversity CDD (802.11g) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 13.66 | 13.75 | 16.72 | 30.00 | -13.28 | 5.57 | 22.29 | 36.02 | -13.73 |
| 2417 | 2 | AVG | 16.71 | 16.57 | 19.65 | 30.00 | -10.35 | 5.57 | 25.22 | 36.02 | -10.80 |
| 2422 | 3 | AVG | 17.85 | 17.96 | 20.92 | 30.00 | -9.08 | 5.57 | 26.49 | 36.02 | -9.53 |
| 2427 | 4 | AVG | 19.21 | 19.25 | 22.24 | 30.00 | -7.76 | 5.57 | 27.81 | 36.02 | -8.21 |
| 2432 | 5 | AVG | 19.71 | 19.89 | 22.81 | 30.00 | -7.19 | 5.57 | 28.38 | 36.02 | -7.64 |
| 2437 | 6 | AVG | 19.89 | 20.02 | 22.96 | 30.00 | -7.04 | 5.57 | 28.53 | 36.02 | -7.49 |
| 2442 | 7 | AVG | 19.64 | 19.92 | 22.79 | 30.00 | -7.21 | 5.57 | 28.36 | 36.02 | -7.66 |
| 2447 | 8 | AVG | 18.70 | 18.98 | 21.86 | 30.00 | -8.14 | 5.57 | 27.43 | 36.02 | -8.59 |
| 2452 | 9 | AVG | 18.25 | 18.09 | 21.18 | 30.00 | -8.82 | 5.57 | 26.75 | 36.02 | -9.27 |
| 2457 | 10 | AVG | 16.75 | 16.58 | 19.67 | 30.00 | -10.33 | 5.57 | 25.24 | 36.02 | -10.78 |
| 2462 | 11 | AVG | 13.90 | 13.75 | 16.84 | 30.00 | -13.16 | 5.57 | 22.41 | 36.02 | -13.61 |
| 2467 | 12 | AVG | 12.00 | 11.87 | 14.94 | 30.00 | -15.06 | 5.57 | 20.51 | 36.02 | -15.51 |
| 2472 | 13 | AVG | 5.34 | 5.32 | 8.34 | 30.00 | -21.66 | 5.57 | 13.91 | 36.02 | -22.11 |

Table 7-36. Average Conducted Output Power Measurements Diversity CDD (802.11n) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | AVG | 12.54 | 12.54 | 15.55 | 30.00 | -14.45 | 5.57 | 21.12 | 36.02 | -14.90 |
| 2417 | 2 | AVG | 15.17 | 15.25 | 18.22 | 30.00 | -11.78 | 5.57 | 23.79 | 36.02 | -12.23 |
| 2422 | 3 | AVG | 17.23 | 17.25 | 20.25 | 30.00 | -9.75 | 5.57 | 25.82 | 36.02 | -10.20 |
| 2427 | 4 | AVG | 18.42 | 18.41 | 21.42 | 30.00 | -8.58 | 5.57 | 26.99 | 36.02 | -9.03 |
| 2432 | 5 | AVG | 19.49 | 19.47 | 22.49 | 30.00 | -7.51 | 5.57 | 28.06 | 36.02 | -7.96 |
| 2437 | 6 | AVG | 20.02 | 20.36 | 23.20 | 30.00 | -6.80 | 5.57 | 28.77 | 36.02 | -7.25 |
| 2442 | 7 | AVG | 19.50 | 19.50 | 22.51 | 30.00 | -7.49 | 5.57 | 28.08 | 36.02 | -7.94 |
| 2447 | 8 | AVG | 17.91 | 17.91 | 20.92 | 30.00 | -9.08 | 5.57 | 26.49 | 36.02 | -9.53 |
| 2452 | 9 | AVG | 17.28 | 17.33 | 20.31 | 30.00 | -9.69 | 5.57 | 25.88 | 36.02 | -10.14 |
| 2457 | 10 | AVG | 15.50 | 15.50 | 18.51 | 30.00 | -11.49 | 5.57 | 24.08 | 36.02 | -11.94 |
| 2462 | 11 | AVG | 12.99 | 12.92 | 15.97 | 30.00 | -14.03 | 5.57 | 21.54 | 36.02 | -14.48 |
| 2467 | 12 | AVG | 11.50 | 11.30 | 14.41 | 30.00 | -15.59 | 5.57 | 19.98 | 36.02 | -16.04 |

Table 7-37. Average Conducted Output Power Measurements Diversity CDD (802.11ax - SU) – High Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 79 of 583 |

7.3.2 Peak Output Power Measurement

§15.247(b.3); RSS-247 [5.4]

Low Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 19.15 | 19.13 | 18.55 | 30.00 | -10.85 | 3.50 | 22.65 | 36.02 | -13.37 |
| 2417 | 2 | PEAK | 23.60 | 23.53 | 22.36 | 30.00 | -6.40 | 3.50 | 27.10 | 36.02 | -8.92 |
| 2422 | 3 | PEAK | 23.56 | 23.55 | 23.51 | 30.00 | -6.44 | 3.50 | 27.06 | 36.02 | -8.96 |
| 2427 | 4 | PEAK | 26.02 | 26.18 | 26.15 | 30.00 | -3.82 | 3.50 | 29.68 | 36.02 | -6.34 |
| 2432 | 5 | PEAK | 25.92 | 26.16 | 26.08 | 30.00 | -3.84 | 3.50 | 29.66 | 36.02 | -6.36 |
| 2437 | 6 | PEAK | 25.83 | 25.97 | 26.05 | 30.00 | -3.95 | 3.50 | 29.55 | 36.02 | -6.47 |
| 2442 | 7 | PEAK | 25.82 | 26.00 | 26.02 | 30.00 | -3.98 | 3.50 | 29.52 | 36.02 | -6.50 |
| 2447 | 8 | PEAK | 25.90 | 26.17 | 25.89 | 30.00 | -3.83 | 3.50 | 29.67 | 36.02 | -6.35 |
| 2452 | 9 | PEAK | 23.55 | 23.53 | 23.49 | 30.00 | -6.45 | 3.50 | 27.05 | 36.02 | -8.97 |
| 2457 | 10 | PEAK | 23.40 | 23.38 | 21.42 | 30.00 | -6.61 | 3.50 | 26.90 | 36.02 | -9.13 |
| 2462 | 11 | PEAK | 19.62 | 19.48 | 18.44 | 30.00 | -10.38 | 3.50 | 23.12 | 36.02 | -12.90 |
| 2467 | 12 | PEAK | 16.97 | 16.88 | 16.92 | 30.00 | -13.03 | 3.50 | 20.47 | 36.02 | -15.55 |
| 2472 | 13 | PEAK | 14.89 | 14.84 | - | 30.00 | -15.11 | 3.50 | 18.39 | 36.02 | -17.63 |

Table 7-38. Peak Conducted Output Power Measurements Antenna WF8 – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 18.99 | 19.01 | 18.36 | 30.00 | -10.99 | 3.00 | 22.01 | 36.02 | -14.01 |
| 2417 | 2 | PEAK | 23.83 | 23.95 | 22.72 | 30.00 | -6.05 | 3.00 | 26.95 | 36.02 | -9.07 |
| 2422 | 3 | PEAK | 24.15 | 23.89 | 23.56 | 30.00 | -5.85 | 3.00 | 27.15 | 36.02 | -8.87 |
| 2427 | 4 | PEAK | 26.10 | 26.31 | 25.98 | 30.00 | -3.69 | 3.00 | 29.31 | 36.02 | -6.71 |
| 2432 | 5 | PEAK | 26.04 | 26.22 | 26.23 | 30.00 | -3.77 | 3.00 | 29.23 | 36.02 | -6.79 |
| 2437 | 6 | PEAK | 25.95 | 26.12 | 26.10 | 30.00 | -3.88 | 3.00 | 29.12 | 36.02 | -6.90 |
| 2442 | 7 | PEAK | 25.92 | 26.11 | 26.12 | 30.00 | -3.88 | 3.00 | 29.12 | 36.02 | -6.90 |
| 2447 | 8 | PEAK | 25.87 | 26.11 | 25.67 | 30.00 | -3.89 | 3.00 | 29.11 | 36.02 | -6.91 |
| 2452 | 9 | PEAK | 23.41 | 23.34 | 23.26 | 30.00 | -6.59 | 3.00 | 26.41 | 36.02 | -9.61 |
| 2457 | 10 | PEAK | 23.55 | 23.42 | 21.54 | 30.00 | -6.46 | 3.00 | 26.55 | 36.02 | -9.48 |
| 2462 | 11 | PEAK | 19.68 | 19.73 | 18.59 | 30.00 | -10.27 | 3.00 | 22.73 | 36.02 | -13.29 |
| 2467 | 12 | PEAK | 17.04 | 17.30 | 17.12 | 30.00 | -12.70 | 3.00 | 20.30 | 36.02 | -15.72 |
| 2472 | 13 | PEAK | 14.75 | 14.67 | - | 30.00 | -15.25 | 3.00 | 17.75 | 36.02 | -18.27 |

Table 7-39. Peak Conducted Output Power Measurements Antenna WF7 – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 18.93 | 18.78 | 18.48 | 30.00 | -11.07 | 1.50 | 20.43 | 36.02 | -15.59 |
| 2417 | 2 | PEAK | 24.00 | 23.95 | 22.73 | 30.00 | -6.00 | 1.50 | 25.50 | 36.02 | -10.52 |
| 2422 | 3 | PEAK | 24.34 | 24.23 | 23.54 | 30.00 | -5.66 | 1.50 | 25.84 | 36.02 | -10.18 |
| 2427 | 4 | PEAK | 26.26 | 26.47 | 26.24 | 30.00 | -3.54 | 1.50 | 27.97 | 36.02 | -8.06 |
| 2432 | 5 | PEAK | 26.19 | 26.44 | 26.35 | 30.00 | -3.56 | 1.50 | 27.94 | 36.02 | -8.08 |
| 2437 | 6 | PEAK | 26.14 | 26.40 | 26.44 | 30.00 | -3.56 | 1.50 | 27.94 | 36.02 | -8.08 |
| 2442 | 7 | PEAK | 26.16 | 26.36 | 26.43 | 30.00 | -3.57 | 1.50 | 27.93 | 36.02 | -8.09 |
| 2447 | 8 | PEAK | 26.12 | 26.33 | 25.94 | 30.00 | -3.67 | 1.50 | 27.83 | 36.02 | -8.19 |
| 2452 | 9 | PEAK | 23.71 | 23.64 | 23.41 | 30.00 | -6.29 | 1.50 | 25.21 | 36.02 | -10.81 |
| 2457 | 10 | PEAK | 23.56 | 23.49 | 21.38 | 30.00 | -6.44 | 1.50 | 25.06 | 36.02 | -10.96 |
| 2462 | 11 | PEAK | 19.73 | 19.59 | 18.49 | 30.00 | -10.27 | 1.50 | 21.23 | 36.02 | -14.79 |
| 2467 | 12 | PEAK | 17.38 | 17.23 | 16.85 | 30.00 | -12.62 | 1.50 | 18.88 | 36.02 | -17.14 |
| 2472 | 13 | PEAK | 14.90 | 14.85 | - | 30.00 | -15.10 | 1.50 | 16.40 | 36.02 | -19.62 |

Table 7-40. Peak Conducted Output Power Measurements Antenna WF9 – Low Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 80 of 583 |



| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 18.77 | 19.04 | 21.91 | 29.74 | -7.83 | 6.26 | 28.17 | 36.02 | -7.85 |
| 2417 | 2 | PEAK | 22.24 | 22.34 | 25.30 | 29.74 | -4.44 | 6.26 | 31.56 | 36.02 | -4.46 |
| 2422 | 3 | PEAK | 23.64 | 23.52 | 26.59 | 29.74 | -3.15 | 6.26 | 32.85 | 36.02 | -3.17 |
| 2427 | 4 | PEAK | 26.17 | 26.01 | 29.10 | 29.74 | -0.64 | 6.26 | 35.36 | 36.02 | -0.66 |
| 2432 | 5 | PEAK | 26.03 | 25.96 | 29.01 | 29.74 | -0.73 | 6.26 | 35.27 | 36.02 | -0.75 |
| 2437 | 6 | PEAK | 26.01 | 25.94 | 28.98 | 29.74 | -0.76 | 6.26 | 35.24 | 36.02 | -0.78 |
| 2442 | 7 | PEAK | 25.97 | 26.03 | 29.01 | 29.74 | -0.73 | 6.26 | 35.27 | 36.02 | -0.75 |
| 2447 | 8 | PEAK | 25.97 | 25.84 | 28.91 | 29.74 | -0.83 | 6.26 | 35.17 | 36.02 | -0.85 |
| 2452 | 9 | PEAK | 23.68 | 23.73 | 26.71 | 29.74 | -3.03 | 6.26 | 32.97 | 36.02 | -3.05 |
| 2457 | 10 | PEAK | 23.21 | 22.94 | 26.09 | 29.74 | -3.65 | 6.26 | 32.35 | 36.02 | -3.67 |
| 2462 | 11 | PEAK | 18.86 | 18.77 | 21.82 | 29.74 | -7.92 | 6.26 | 28.08 | 36.02 | -7.94 |
| 2467 | 12 | PEAK | 16.50 | 16.63 | 19.57 | 29.74 | -10.17 | 6.26 | 25.83 | 36.02 | -10.19 |
| 2472 | 13 | PEAK | 13.12 | 12.93 | 16.03 | 29.74 | -13.71 | 6.26 | 22.29 | 36.02 | -13.73 |

Table 7-41. Peak Conducted Output Power Measurements Primary CDD (802.11g) – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 18.59 | 18.76 | 21.68 | 29.74 | -8.06 | 6.26 | 27.94 | 36.02 | -8.08 |
| 2417 | 2 | PEAK | 21.86 | 22.01 | 24.95 | 29.74 | -4.79 | 6.26 | 31.21 | 36.02 | -4.81 |
| 2422 | 3 | PEAK | 23.53 | 23.40 | 26.48 | 29.74 | -3.26 | 6.26 | 32.74 | 36.02 | -3.28 |
| 2427 | 4 | PEAK | 26.18 | 26.20 | 29.20 | 29.74 | -0.54 | 6.26 | 35.46 | 36.02 | -0.56 |
| 2432 | 5 | PEAK | 26.09 | 26.04 | 29.07 | 29.74 | -0.67 | 6.26 | 35.33 | 36.02 | -0.69 |
| 2437 | 6 | PEAK | 26.06 | 26.16 | 29.12 | 29.74 | -0.62 | 6.26 | 35.38 | 36.02 | -0.64 |
| 2442 | 7 | PEAK | 26.04 | 26.11 | 29.08 | 29.74 | -0.66 | 6.26 | 35.34 | 36.02 | -0.68 |
| 2447 | 8 | PEAK | 26.01 | 25.91 | 28.97 | 29.74 | -0.77 | 6.26 | 35.23 | 36.02 | -0.79 |
| 2452 | 9 | PEAK | 23.72 | 23.57 | 26.66 | 29.74 | -3.08 | 6.26 | 32.92 | 36.02 | -3.10 |
| 2457 | 10 | PEAK | 23.12 | 23.07 | 26.10 | 29.74 | -3.64 | 6.26 | 32.36 | 36.02 | -3.66 |
| 2462 | 11 | PEAK | 18.44 | 18.69 | 21.58 | 29.74 | -8.16 | 6.26 | 27.84 | 36.02 | -8.18 |
| 2467 | 12 | PEAK | 16.74 | 16.74 | 19.75 | 29.74 | -9.99 | 6.26 | 26.01 | 36.02 | -10.01 |
| 2472 | 13 | PEAK | 13.15 | 12.82 | 16.00 | 29.74 | -13.74 | 6.26 | 22.26 | 36.02 | -13.76 |

Table 7-42. Peak Conducted Output Power Measurements Primary CDD (802.11n) – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 17.82 | 17.47 | 20.66 | 29.74 | -9.08 | 6.26 | 26.92 | 36.02 | -9.10 |
| 2417 | 2 | PEAK | 21.56 | 21.47 | 24.52 | 29.74 | -5.22 | 6.26 | 30.78 | 36.02 | -5.24 |
| 2422 | 3 | PEAK | 23.02 | 22.84 | 25.94 | 29.74 | -3.80 | 6.26 | 32.20 | 36.02 | -3.82 |
| 2427 | 4 | PEAK | 25.54 | 25.48 | 28.52 | 29.74 | -1.22 | 6.26 | 34.78 | 36.02 | -1.24 |
| 2432 | 5 | PEAK | 26.13 | 26.05 | 29.10 | 29.74 | -0.64 | 6.26 | 35.36 | 36.02 | -0.66 |
| 2437 | 6 | PEAK | 26.10 | 26.04 | 29.08 | 29.74 | -0.66 | 6.26 | 35.34 | 36.02 | -0.68 |
| 2442 | 7 | PEAK | 26.04 | 26.02 | 29.04 | 29.74 | -0.70 | 6.26 | 35.30 | 36.02 | -0.72 |
| 2447 | 8 | PEAK | 25.63 | 25.39 | 28.52 | 29.74 | -1.22 | 6.26 | 34.78 | 36.02 | -1.24 |
| 2452 | 9 | PEAK | 23.15 | 23.08 | 26.12 | 29.74 | -3.62 | 6.26 | 32.38 | 36.02 | -3.64 |
| 2457 | 10 | PEAK | 21.24 | 21.37 | 24.31 | 29.74 | -5.43 | 6.26 | 30.57 | 36.02 | -5.45 |
| 2462 | 11 | PEAK | 17.58 | 17.57 | 20.58 | 29.74 | -9.16 | 6.26 | 26.84 | 36.02 | -9.18 |
| 2467 | 12 | PEAK | 16.40 | 16.41 | 19.42 | 29.74 | -10.32 | 6.26 | 25.68 | 36.02 | -10.34 |

Table 7-43. Peak Conducted Output Power Measurements Primary CDD (802.11ax - SU) – Low Data Rate

| | | | |
|---|-------------------------------------|---|--|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 81 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 18.77 | 18.76 | 21.77 | 30.00 | -8.23 | 5.57 | 27.34 | 36.02 | -8.68 |
| 2417 | 2 | PEAK | 22.24 | 22.17 | 25.21 | 30.00 | -4.79 | 5.57 | 30.78 | 36.02 | -5.24 |
| 2422 | 3 | PEAK | 23.64 | 23.79 | 26.73 | 30.00 | -3.27 | 5.57 | 32.30 | 36.02 | -3.72 |
| 2427 | 4 | PEAK | 26.17 | 26.38 | 29.28 | 30.00 | -0.72 | 5.57 | 34.85 | 36.02 | -1.17 |
| 2432 | 5 | PEAK | 26.03 | 26.18 | 29.12 | 30.00 | -0.88 | 5.57 | 34.69 | 36.02 | -1.33 |
| 2437 | 6 | PEAK | 26.01 | 26.21 | 29.12 | 30.00 | -0.88 | 5.57 | 34.69 | 36.02 | -1.33 |
| 2442 | 7 | PEAK | 25.97 | 26.22 | 29.11 | 30.00 | -0.89 | 5.57 | 34.68 | 36.02 | -1.34 |
| 2447 | 8 | PEAK | 25.97 | 25.94 | 28.96 | 30.00 | -1.04 | 5.57 | 34.53 | 36.02 | -1.49 |
| 2452 | 9 | PEAK | 23.68 | 24.07 | 26.89 | 30.00 | -3.11 | 5.57 | 32.46 | 36.02 | -3.56 |
| 2457 | 10 | PEAK | 23.21 | 23.28 | 26.26 | 30.00 | -3.74 | 5.57 | 31.83 | 36.02 | -4.19 |
| 2462 | 11 | PEAK | 18.86 | 18.70 | 21.79 | 30.00 | -8.21 | 5.57 | 27.36 | 36.02 | -8.66 |
| 2467 | 12 | PEAK | 16.50 | 16.69 | 19.60 | 30.00 | -10.40 | 5.57 | 25.17 | 36.02 | -10.85 |

Table 7-44. Peak Conducted Output Power Measurements Diversity CDD (802.11g) – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 18.59 | 18.53 | 21.57 | 30.00 | -8.43 | 5.57 | 27.14 | 36.02 | -8.88 |
| 2417 | 2 | PEAK | 21.86 | 22.11 | 25.00 | 30.00 | -5.00 | 5.57 | 30.57 | 36.02 | -5.45 |
| 2422 | 3 | PEAK | 23.53 | 23.49 | 26.52 | 30.00 | -3.48 | 5.57 | 32.09 | 36.02 | -3.93 |
| 2427 | 4 | PEAK | 26.18 | 26.35 | 29.28 | 30.00 | -0.72 | 5.57 | 34.85 | 36.02 | -1.17 |
| 2432 | 5 | PEAK | 26.09 | 26.33 | 29.22 | 30.00 | -0.78 | 5.57 | 34.79 | 36.02 | -1.23 |
| 2437 | 6 | PEAK | 26.06 | 26.33 | 29.21 | 30.00 | -0.79 | 5.57 | 34.78 | 36.02 | -1.24 |
| 2442 | 7 | PEAK | 26.04 | 26.28 | 29.17 | 30.00 | -0.83 | 5.57 | 34.74 | 36.02 | -1.28 |
| 2447 | 8 | PEAK | 26.01 | 26.12 | 29.07 | 30.00 | -0.93 | 5.57 | 34.64 | 36.02 | -1.38 |
| 2452 | 9 | PEAK | 23.72 | 23.74 | 26.74 | 30.00 | -3.26 | 5.57 | 32.31 | 36.02 | -3.71 |
| 2457 | 10 | PEAK | 23.12 | 23.15 | 26.14 | 30.00 | -3.86 | 5.57 | 31.71 | 36.02 | -4.31 |
| 2462 | 11 | PEAK | 18.44 | 18.62 | 21.54 | 30.00 | -8.46 | 5.57 | 27.11 | 36.02 | -8.91 |
| 2467 | 12 | PEAK | 16.74 | 16.47 | 19.62 | 30.00 | -10.38 | 5.57 | 25.19 | 36.02 | -10.83 |

Table 7-45. Peak Conducted Output Power Measurements Diversity CDD (802.11n) – Low Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 17.82 | 17.83 | 20.84 | 30.00 | -9.16 | 5.57 | 26.41 | 36.02 | -9.61 |
| 2417 | 2 | PEAK | 21.56 | 21.34 | 24.46 | 30.00 | -5.54 | 5.57 | 30.03 | 36.02 | -5.99 |
| 2422 | 3 | PEAK | 23.02 | 22.93 | 25.98 | 30.00 | -4.02 | 5.57 | 31.55 | 36.02 | -4.47 |
| 2427 | 4 | PEAK | 25.54 | 25.45 | 28.51 | 30.00 | -1.49 | 5.57 | 34.08 | 36.02 | -1.94 |
| 2432 | 5 | PEAK | 26.13 | 26.24 | 29.20 | 30.00 | -0.80 | 5.57 | 34.77 | 36.02 | -1.25 |
| 2437 | 6 | PEAK | 26.10 | 26.36 | 29.24 | 30.00 | -0.76 | 5.57 | 34.81 | 36.02 | -1.21 |
| 2442 | 7 | PEAK | 26.04 | 26.19 | 29.12 | 30.00 | -0.88 | 5.57 | 34.69 | 36.02 | -1.33 |
| 2447 | 8 | PEAK | 25.63 | 25.62 | 28.63 | 30.00 | -1.37 | 5.57 | 34.20 | 36.02 | -1.82 |
| 2452 | 9 | PEAK | 23.15 | 23.14 | 26.16 | 30.00 | -3.84 | 5.57 | 31.73 | 36.02 | -4.29 |
| 2457 | 10 | PEAK | 21.24 | 21.58 | 24.42 | 30.00 | -5.58 | 5.57 | 29.99 | 36.02 | -6.03 |
| 2462 | 11 | PEAK | 17.58 | 17.46 | 20.53 | 30.00 | -9.47 | 5.57 | 26.10 | 36.02 | -9.92 |
| 2467 | 12 | PEAK | 16.40 | 16.49 | 19.46 | 30.00 | -10.54 | 5.57 | 25.03 | 36.02 | -10.99 |

Table 7-46. Peak Conducted Output Power Measurements Diversity CDD (802.11ax - SU) – Low Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 82 of 583 |

Mid Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 21.03 | 20.82 | 19.69 | 30.00 | -8.97 | 3.50 | 24.53 | 36.02 | -11.49 |
| 2417 | 2 | PEAK | 24.62 | 24.64 | 24.03 | 30.00 | -5.36 | 3.50 | 28.14 | 36.02 | -7.88 |
| 2422 | 3 | PEAK | 25.78 | 25.56 | 24.92 | 30.00 | -4.22 | 3.50 | 29.28 | 36.02 | -6.74 |
| 2427 | 4 | PEAK | 26.68 | 26.84 | 26.39 | 30.00 | -3.16 | 3.50 | 30.34 | 36.02 | -5.68 |
| 2432 | 5 | PEAK | 26.56 | 26.72 | 26.73 | 30.00 | -3.27 | 3.50 | 30.23 | 36.02 | -5.79 |
| 2437 | 6 | PEAK | 26.52 | 26.68 | 26.70 | 30.00 | -3.30 | 3.50 | 30.20 | 36.02 | -5.82 |
| 2442 | 7 | PEAK | 26.49 | 26.65 | 26.67 | 30.00 | -3.33 | 3.50 | 30.17 | 36.02 | -5.85 |
| 2447 | 8 | PEAK | 26.39 | 26.64 | 26.58 | 30.00 | -3.36 | 3.50 | 30.14 | 36.02 | -5.88 |
| 2452 | 9 | PEAK | 25.46 | 25.47 | 25.27 | 30.00 | -4.53 | 3.50 | 28.97 | 36.02 | -7.05 |
| 2457 | 10 | PEAK | 25.16 | 24.91 | 23.48 | 30.00 | -4.84 | 3.50 | 28.66 | 36.02 | -7.36 |
| 2462 | 11 | PEAK | 21.86 | 21.88 | 21.26 | 30.00 | -8.12 | 3.50 | 25.38 | 36.02 | -10.64 |
| 2467 | 12 | PEAK | 20.04 | 19.79 | 18.24 | 30.00 | -9.96 | 3.50 | 23.54 | 36.02 | -12.48 |
| 2472 | 13 | PEAK | 17.16 | 16.55 | - | 30.00 | -12.85 | 3.50 | 20.66 | 36.02 | -15.37 |

Table 7-47. Peak Conducted Output Power Measurements Antenna WF8 – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 21.25 | 21.15 | 19.69 | 30.00 | -8.75 | 3.00 | 24.25 | 36.02 | -11.77 |
| 2417 | 2 | PEAK | 24.73 | 24.75 | 23.86 | 30.00 | -5.25 | 3.00 | 27.75 | 36.02 | -8.27 |
| 2422 | 3 | PEAK | 25.56 | 25.34 | 24.71 | 30.00 | -4.44 | 3.00 | 28.56 | 36.02 | -7.46 |
| 2427 | 4 | PEAK | 26.75 | 26.88 | 26.20 | 30.00 | -3.12 | 3.00 | 29.88 | 36.02 | -6.14 |
| 2432 | 5 | PEAK | 26.58 | 26.83 | 26.77 | 30.00 | -3.17 | 3.00 | 29.83 | 36.02 | -6.19 |
| 2437 | 6 | PEAK | 26.56 | 26.75 | 26.71 | 30.00 | -3.25 | 3.00 | 29.75 | 36.02 | -6.27 |
| 2442 | 7 | PEAK | 26.52 | 26.76 | 26.67 | 30.00 | -3.24 | 3.00 | 29.76 | 36.02 | -6.26 |
| 2447 | 8 | PEAK | 26.29 | 26.55 | 26.33 | 30.00 | -3.46 | 3.00 | 29.55 | 36.02 | -6.48 |
| 2452 | 9 | PEAK | 25.37 | 25.40 | 25.25 | 30.00 | -4.60 | 3.00 | 28.40 | 36.02 | -7.62 |
| 2457 | 10 | PEAK | 24.91 | 24.80 | 23.61 | 30.00 | -5.09 | 3.00 | 27.91 | 36.02 | -8.11 |
| 2462 | 11 | PEAK | 21.65 | 21.90 | 21.17 | 30.00 | -8.10 | 3.00 | 24.90 | 36.02 | -11.12 |
| 2467 | 12 | PEAK | 19.75 | 19.76 | 18.36 | 30.00 | -10.24 | 3.00 | 22.76 | 36.02 | -13.26 |
| 2472 | 13 | PEAK | 17.24 | 16.42 | - | 30.00 | -12.76 | 3.00 | 20.24 | 36.02 | -15.78 |

Table 7-48. Peak Conducted Output Power Measurements Antenna WF7 – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 21.27 | 20.82 | 19.84 | 30.00 | -8.73 | 1.50 | 22.77 | 36.02 | -13.25 |
| 2417 | 2 | PEAK | 24.84 | 24.54 | 23.95 | 30.00 | -5.16 | 1.50 | 26.34 | 36.02 | -9.68 |
| 2422 | 3 | PEAK | 25.48 | 25.47 | 24.82 | 30.00 | -4.52 | 1.50 | 26.98 | 36.02 | -9.04 |
| 2427 | 4 | PEAK | 26.77 | 26.98 | 26.36 | 30.00 | -3.02 | 1.50 | 28.48 | 36.02 | -7.54 |
| 2432 | 5 | PEAK | 26.69 | 26.95 | 26.97 | 30.00 | -3.03 | 1.50 | 28.47 | 36.02 | -7.55 |
| 2437 | 6 | PEAK | 26.68 | 26.98 | 26.95 | 30.00 | -3.02 | 1.50 | 28.48 | 36.02 | -7.54 |
| 2442 | 7 | PEAK | 26.63 | 27.00 | 26.93 | 30.00 | -3.01 | 1.50 | 28.50 | 36.02 | -7.53 |
| 2447 | 8 | PEAK | 26.31 | 26.76 | 26.55 | 30.00 | -3.24 | 1.50 | 28.26 | 36.02 | -7.76 |
| 2452 | 9 | PEAK | 25.41 | 25.19 | 25.09 | 30.00 | -4.59 | 1.50 | 26.91 | 36.02 | -9.11 |
| 2457 | 10 | PEAK | 25.13 | 25.01 | 23.82 | 30.00 | -4.87 | 1.50 | 26.63 | 36.02 | -9.39 |
| 2462 | 11 | PEAK | 21.85 | 21.69 | 21.23 | 30.00 | -8.15 | 1.50 | 23.35 | 36.02 | -12.67 |
| 2467 | 12 | PEAK | 19.96 | 19.69 | 18.57 | 30.00 | -10.04 | 1.50 | 21.46 | 36.02 | -14.56 |
| 2472 | 13 | PEAK | 17.04 | 16.47 | - | 30.00 | -12.96 | 1.50 | 18.54 | 36.02 | -17.48 |

Table 7-49. Peak Conducted Output Power Measurements Antenna WF9 – Mid Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 83 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 21.04 | 21.21 | 24.14 | 29.74 | -5.60 | 6.26 | 30.40 | 36.02 | -5.62 |
| 2417 | 2 | PEAK | 24.32 | 24.16 | 27.25 | 29.74 | -2.49 | 6.26 | 33.51 | 36.02 | -2.51 |
| 2422 | 3 | PEAK | 25.35 | 25.23 | 28.30 | 29.74 | -1.44 | 6.26 | 34.56 | 36.02 | -1.46 |
| 2427 | 4 | PEAK | 26.24 | 26.23 | 29.25 | 29.74 | -0.49 | 6.26 | 35.51 | 36.02 | -0.51 |
| 2432 | 5 | PEAK | 26.25 | 26.23 | 29.25 | 29.74 | -0.49 | 6.26 | 35.51 | 36.02 | -0.51 |
| 2437 | 6 | PEAK | 26.19 | 26.21 | 29.21 | 29.74 | -0.53 | 6.26 | 35.47 | 36.02 | -0.55 |
| 2442 | 7 | PEAK | 26.20 | 26.22 | 29.22 | 29.74 | -0.52 | 6.26 | 35.48 | 36.02 | -0.54 |
| 2447 | 8 | PEAK | 26.32 | 26.07 | 29.21 | 29.74 | -0.53 | 6.26 | 35.47 | 36.02 | -0.55 |
| 2452 | 9 | PEAK | 25.69 | 25.29 | 28.51 | 29.74 | -1.23 | 6.26 | 34.77 | 36.02 | -1.25 |
| 2457 | 10 | PEAK | 24.12 | 24.04 | 27.09 | 29.74 | -2.65 | 6.26 | 33.35 | 36.02 | -2.67 |
| 2462 | 11 | PEAK | 21.63 | 21.54 | 24.60 | 29.74 | -5.14 | 6.26 | 30.86 | 36.02 | -5.16 |
| 2467 | 12 | PEAK | 19.50 | 19.38 | 22.45 | 29.74 | -7.29 | 6.26 | 28.71 | 36.02 | -7.31 |
| 2472 | 13 | PEAK | 14.58 | 14.26 | 17.43 | 29.74 | -12.31 | 6.26 | 23.69 | 36.02 | -12.33 |

Table 7-50. Peak Conducted Output Power Measurements Primary CDD (802.11g) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 20.68 | 21.00 | 23.85 | 29.74 | -5.89 | 6.26 | 30.11 | 36.02 | -5.91 |
| 2417 | 2 | PEAK | 24.19 | 23.97 | 27.09 | 29.74 | -2.65 | 6.26 | 33.35 | 36.02 | -2.67 |
| 2422 | 3 | PEAK | 25.18 | 24.97 | 28.09 | 29.74 | -1.65 | 6.26 | 34.35 | 36.02 | -1.67 |
| 2427 | 4 | PEAK | 26.25 | 26.35 | 29.31 | 29.74 | -0.43 | 6.26 | 35.57 | 36.02 | -0.45 |
| 2432 | 5 | PEAK | 25.75 | 26.43 | 29.11 | 29.74 | -0.63 | 6.26 | 35.37 | 36.02 | -0.65 |
| 2437 | 6 | PEAK | 26.13 | 26.23 | 29.19 | 29.74 | -0.55 | 6.26 | 35.45 | 36.02 | -0.57 |
| 2442 | 7 | PEAK | 26.23 | 26.51 | 29.38 | 29.74 | -0.36 | 6.26 | 35.64 | 36.02 | -0.38 |
| 2447 | 8 | PEAK | 26.49 | 26.27 | 29.39 | 29.74 | -0.35 | 6.26 | 35.65 | 36.02 | -0.37 |
| 2452 | 9 | PEAK | 25.35 | 25.09 | 28.23 | 29.74 | -1.51 | 6.26 | 34.49 | 36.02 | -1.53 |
| 2457 | 10 | PEAK | 23.96 | 23.73 | 26.86 | 29.74 | -2.88 | 6.26 | 33.12 | 36.02 | -2.90 |
| 2462 | 11 | PEAK | 21.26 | 21.32 | 24.30 | 29.74 | -5.44 | 6.26 | 30.56 | 36.02 | -5.46 |
| 2467 | 12 | PEAK | 19.25 | 19.10 | 22.19 | 29.74 | -7.55 | 6.26 | 28.45 | 36.02 | -7.57 |
| 2472 | 13 | PEAK | 14.37 | 13.69 | 17.05 | 29.74 | -12.69 | 6.26 | 23.31 | 36.02 | -12.71 |

Table 7-51. Peak Conducted Output Power Measurements Primary CDD (802.11n) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 19.59 | 19.19 | 22.41 | 29.74 | -7.33 | 6.26 | 28.67 | 36.02 | -7.35 |
| 2417 | 2 | PEAK | 23.19 | 23.14 | 26.18 | 29.74 | -3.56 | 6.26 | 32.44 | 36.02 | -3.58 |
| 2422 | 3 | PEAK | 24.31 | 24.24 | 27.28 | 29.74 | -2.46 | 6.26 | 33.54 | 36.02 | -2.48 |
| 2427 | 4 | PEAK | 26.06 | 25.78 | 28.93 | 29.74 | -0.81 | 6.26 | 35.19 | 36.02 | -0.83 |
| 2432 | 5 | PEAK | 26.26 | 26.31 | 29.30 | 29.74 | -0.44 | 6.26 | 35.56 | 36.02 | -0.46 |
| 2437 | 6 | PEAK | 26.24 | 25.74 | 29.01 | 29.74 | -0.73 | 6.26 | 35.27 | 36.02 | -0.75 |
| 2442 | 7 | PEAK | 26.35 | 26.33 | 29.35 | 29.74 | -0.39 | 6.26 | 35.61 | 36.02 | -0.41 |
| 2447 | 8 | PEAK | 26.22 | 26.00 | 29.12 | 29.74 | -0.62 | 6.26 | 35.38 | 36.02 | -0.64 |
| 2452 | 9 | PEAK | 24.84 | 24.74 | 27.80 | 29.74 | -1.94 | 6.26 | 34.06 | 36.02 | -1.96 |
| 2457 | 10 | PEAK | 23.33 | 23.38 | 26.36 | 29.74 | -3.38 | 6.26 | 32.62 | 36.02 | -3.40 |
| 2462 | 11 | PEAK | 20.04 | 20.04 | 23.05 | 29.74 | -6.69 | 6.26 | 29.31 | 36.02 | -6.71 |
| 2467 | 12 | PEAK | 18.50 | 18.58 | 21.55 | 29.74 | -8.19 | 6.26 | 27.81 | 36.02 | -8.21 |

Table 7-52. Peak Conducted Output Power Measurements Primary CDD (802.11ax - SU) – Mid Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 84 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 21.04 | 21.40 | 24.23 | 30.00 | -5.77 | 5.57 | 29.80 | 36.02 | -6.22 |
| 2417 | 2 | PEAK | 24.32 | 24.34 | 27.34 | 30.00 | -2.66 | 5.57 | 32.91 | 36.02 | -3.11 |
| 2422 | 3 | PEAK | 25.35 | 25.35 | 28.36 | 30.00 | -1.64 | 5.57 | 33.93 | 36.02 | -2.09 |
| 2427 | 4 | PEAK | 26.65 | 26.61 | 29.64 | 30.00 | -0.36 | 5.57 | 35.21 | 36.02 | -0.81 |
| 2432 | 5 | PEAK | 26.62 | 26.70 | 29.67 | 30.00 | -0.33 | 5.57 | 35.24 | 36.02 | -0.78 |
| 2437 | 6 | PEAK | 26.58 | 26.69 | 29.65 | 30.00 | -0.35 | 5.57 | 35.22 | 36.02 | -0.80 |
| 2442 | 7 | PEAK | 26.54 | 26.68 | 29.62 | 30.00 | -0.38 | 5.57 | 35.19 | 36.02 | -0.83 |
| 2447 | 8 | PEAK | 26.32 | 26.29 | 29.31 | 30.00 | -0.69 | 5.57 | 34.88 | 36.02 | -1.14 |
| 2452 | 9 | PEAK | 25.69 | 25.53 | 28.62 | 30.00 | -1.38 | 5.57 | 34.19 | 36.02 | -1.83 |
| 2457 | 10 | PEAK | 24.12 | 24.18 | 27.16 | 30.00 | -2.84 | 5.57 | 32.73 | 36.02 | -3.29 |
| 2462 | 11 | PEAK | 21.63 | 21.44 | 24.55 | 30.00 | -5.45 | 5.57 | 30.12 | 36.02 | -5.90 |
| 2467 | 12 | PEAK | 19.50 | 19.57 | 22.54 | 30.00 | -7.46 | 5.57 | 28.11 | 36.02 | -7.91 |
| 2472 | 13 | PEAK | 14.58 | 14.64 | 17.62 | 30.00 | -12.38 | 5.57 | 23.19 | 36.02 | -12.83 |

Table 7-53. Peak Conducted Output Power Measurements Diversity CDD (802.11g) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 20.68 | 20.68 | 23.69 | 30.00 | -6.31 | 5.57 | 29.26 | 36.02 | -6.76 |
| 2417 | 2 | PEAK | 24.19 | 24.03 | 27.12 | 30.00 | -2.88 | 5.57 | 32.69 | 36.02 | -3.33 |
| 2422 | 3 | PEAK | 25.18 | 25.09 | 28.15 | 30.00 | -1.85 | 5.57 | 33.72 | 36.02 | -2.30 |
| 2427 | 4 | PEAK | 26.25 | 26.87 | 29.58 | 30.00 | -0.42 | 5.57 | 35.15 | 36.02 | -0.87 |
| 2432 | 5 | PEAK | 25.75 | 26.85 | 29.34 | 30.00 | -0.66 | 5.57 | 34.91 | 36.02 | -1.11 |
| 2437 | 6 | PEAK | 26.13 | 26.91 | 29.55 | 30.00 | -0.45 | 5.57 | 35.12 | 36.02 | -0.90 |
| 2442 | 7 | PEAK | 26.23 | 26.89 | 29.58 | 30.00 | -0.42 | 5.57 | 35.15 | 36.02 | -0.87 |
| 2447 | 8 | PEAK | 26.58 | 26.56 | 29.58 | 30.00 | -0.42 | 5.57 | 35.15 | 36.02 | -0.87 |
| 2452 | 9 | PEAK | 25.35 | 25.29 | 28.33 | 30.00 | -1.67 | 5.57 | 33.90 | 36.02 | -2.12 |
| 2457 | 10 | PEAK | 23.96 | 23.81 | 26.90 | 30.00 | -3.10 | 5.57 | 32.47 | 36.02 | -3.55 |
| 2462 | 11 | PEAK | 21.26 | 21.02 | 24.15 | 30.00 | -5.85 | 5.57 | 29.72 | 36.02 | -6.30 |
| 2467 | 12 | PEAK | 19.25 | 19.19 | 22.23 | 30.00 | -7.77 | 5.57 | 27.80 | 36.02 | -8.22 |
| 2472 | 13 | PEAK | 14.37 | 13.98 | 17.19 | 30.00 | -12.81 | 5.57 | 22.76 | 36.02 | -13.26 |

Table 7-54. Peak Conducted Output Power Measurements Diversity CDD (802.11n) – Mid Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 19.59 | 19.32 | 22.47 | 30.00 | -7.53 | 5.57 | 28.04 | 36.02 | -7.98 |
| 2417 | 2 | PEAK | 23.19 | 23.24 | 26.23 | 30.00 | -3.77 | 5.57 | 31.80 | 36.02 | -4.22 |
| 2422 | 3 | PEAK | 24.31 | 24.37 | 27.35 | 30.00 | -2.65 | 5.57 | 32.92 | 36.02 | -3.10 |
| 2427 | 4 | PEAK | 26.06 | 25.83 | 28.95 | 30.00 | -1.05 | 5.57 | 34.52 | 36.02 | -1.50 |
| 2432 | 5 | PEAK | 26.65 | 26.68 | 29.68 | 30.00 | -0.32 | 5.57 | 35.25 | 36.02 | -0.77 |
| 2437 | 6 | PEAK | 26.24 | 26.93 | 29.61 | 30.00 | -0.39 | 5.57 | 35.18 | 36.02 | -0.84 |
| 2442 | 7 | PEAK | 26.65 | 26.67 | 29.67 | 30.00 | -0.33 | 5.57 | 35.24 | 36.02 | -0.78 |
| 2447 | 8 | PEAK | 26.22 | 26.32 | 29.28 | 30.00 | -0.72 | 5.57 | 34.85 | 36.02 | -1.17 |
| 2452 | 9 | PEAK | 24.84 | 24.79 | 27.82 | 30.00 | -2.18 | 5.57 | 33.39 | 36.02 | -2.63 |
| 2457 | 10 | PEAK | 23.33 | 23.27 | 26.31 | 30.00 | -3.69 | 5.57 | 31.88 | 36.02 | -4.14 |
| 2462 | 11 | PEAK | 20.04 | 20.30 | 23.19 | 30.00 | -6.81 | 5.57 | 28.76 | 36.02 | -7.26 |
| 2467 | 12 | PEAK | 18.50 | 18.41 | 21.47 | 30.00 | -8.53 | 5.57 | 27.04 | 36.02 | -8.98 |

Table 7-55. Peak Conducted Output Power Measurements Diversity CDD (802.11ax - SU) – Mid Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 85 of 583 |

High Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11b | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 21.80 | 24.65 | 24.56 | 23.39 | 30.00 | -5.35 | 3.50 | 28.15 | 36.02 | -7.87 |
| 2417 | 2 | PEAK | 23.20 | 26.45 | 26.37 | 26.12 | 30.00 | -3.56 | 3.50 | 29.95 | 36.02 | -6.08 |
| 2422 | 3 | PEAK | 23.16 | 27.04 | 27.01 | 26.92 | 30.00 | -2.96 | 3.50 | 30.54 | 36.02 | -5.48 |
| 2427 | 4 | PEAK | 23.05 | 27.40 | 27.35 | 27.11 | 30.00 | -2.60 | 3.50 | 30.90 | 36.02 | -5.12 |
| 2432 | 5 | PEAK | 23.14 | 27.59 | 27.50 | 27.59 | 30.00 | -2.41 | 3.50 | 31.09 | 36.02 | -4.93 |
| 2437 | 6 | PEAK | 21.93 | 27.59 | 27.54 | 27.53 | 30.00 | -2.41 | 3.50 | 31.09 | 36.02 | -4.93 |
| 2442 | 7 | PEAK | 22.98 | 27.62 | 27.50 | 27.54 | 30.00 | -2.38 | 3.50 | 31.12 | 36.02 | -4.90 |
| 2447 | 8 | PEAK | 22.97 | 27.43 | 27.24 | 27.25 | 30.00 | -2.57 | 3.50 | 30.93 | 36.02 | -5.09 |
| 2452 | 9 | PEAK | 22.92 | 27.19 | 27.28 | 26.80 | 30.00 | -2.72 | 3.50 | 30.78 | 36.02 | -5.24 |
| 2457 | 10 | PEAK | 23.19 | 26.60 | 26.49 | 25.82 | 30.00 | -3.40 | 3.50 | 30.10 | 36.02 | -5.92 |
| 2462 | 11 | PEAK | 21.94 | 24.03 | 24.20 | 23.66 | 30.00 | -5.80 | 3.50 | 27.70 | 36.02 | -8.32 |
| 2467 | 12 | PEAK | 21.13 | 22.72 | 22.55 | 21.84 | 30.00 | -7.28 | 3.50 | 26.22 | 36.02 | -9.80 |
| 2472 | 13 | PEAK | 18.77 | 18.48 | 18.01 | - | 30.00 | -11.24 | 3.50 | 22.27 | 36.02 | -13.76 |

Table 7-56. Peak Conducted Output Power Measurements Antenna WF8 – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11b | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 22.81 | 24.68 | 24.67 | 23.47 | 30.00 | -5.32 | 3.00 | 27.68 | 36.02 | -8.34 |
| 2417 | 2 | PEAK | 23.10 | 26.42 | 26.39 | 25.83 | 30.00 | -3.58 | 3.00 | 29.42 | 36.02 | -6.60 |
| 2422 | 3 | PEAK | 23.02 | 27.01 | 26.99 | 26.76 | 30.00 | -2.99 | 3.00 | 30.01 | 36.02 | -6.01 |
| 2427 | 4 | PEAK | 23.25 | 27.32 | 27.19 | 26.99 | 30.00 | -2.68 | 3.00 | 30.32 | 36.02 | -5.70 |
| 2432 | 5 | PEAK | 23.18 | 27.54 | 27.42 | 27.43 | 30.00 | -2.46 | 3.00 | 30.54 | 36.02 | -5.48 |
| 2437 | 6 | PEAK | 22.71 | 27.44 | 27.52 | 27.38 | 30.00 | -2.48 | 3.00 | 30.52 | 36.02 | -5.50 |
| 2442 | 7 | PEAK | 23.03 | 27.44 | 27.45 | 27.48 | 30.00 | -2.52 | 3.00 | 30.48 | 36.02 | -5.54 |
| 2447 | 8 | PEAK | 22.94 | 27.15 | 27.15 | 27.05 | 30.00 | -2.85 | 3.00 | 30.15 | 36.02 | -5.87 |
| 2452 | 9 | PEAK | 22.97 | 27.10 | 27.02 | 26.56 | 30.00 | -2.90 | 3.00 | 30.10 | 36.02 | -5.92 |
| 2457 | 10 | PEAK | 23.20 | 26.48 | 26.35 | 25.80 | 30.00 | -3.52 | 3.00 | 29.48 | 36.02 | -6.54 |
| 2462 | 11 | PEAK | 22.57 | 24.32 | 24.02 | 23.72 | 30.00 | -5.68 | 3.00 | 27.32 | 36.02 | -8.70 |
| 2467 | 12 | PEAK | 20.94 | 22.99 | 22.78 | 21.68 | 30.00 | -7.02 | 3.00 | 25.99 | 36.02 | -10.04 |
| 2472 | 13 | PEAK | 16.39 | 18.19 | 18.06 | - | 30.00 | -11.81 | 3.00 | 21.19 | 36.02 | -14.83 |

Table 7-57. Peak Conducted Output Power Measurements Antenna WF7 – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|---------|---------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
| | | | 802.11b | 802.11g | 802.11n | 802.11ax (SU) | | | | | | |
| 2412 | 1 | PEAK | 22.82 | 24.59 | 24.40 | 23.55 | 30.00 | -5.41 | 1.50 | 26.09 | 36.02 | -9.93 |
| 2417 | 2 | PEAK | 23.21 | 26.42 | 26.39 | 26.06 | 30.00 | -3.58 | 1.50 | 27.92 | 36.02 | -8.10 |
| 2422 | 3 | PEAK | 23.16 | 27.16 | 27.01 | 27.01 | 30.00 | -2.84 | 1.50 | 28.66 | 36.02 | -7.36 |
| 2427 | 4 | PEAK | 23.09 | 27.43 | 27.30 | 27.22 | 30.00 | -2.57 | 1.50 | 28.93 | 36.02 | -7.09 |
| 2432 | 5 | PEAK | 23.04 | 27.68 | 27.59 | 27.64 | 30.00 | -2.32 | 1.50 | 29.18 | 36.02 | -6.84 |
| 2437 | 6 | PEAK | 22.82 | 27.62 | 27.57 | 27.65 | 30.00 | -2.35 | 1.50 | 29.15 | 36.02 | -6.87 |
| 2442 | 7 | PEAK | 23.23 | 27.66 | 27.64 | 27.62 | 30.00 | -2.34 | 1.50 | 29.16 | 36.02 | -6.86 |
| 2447 | 8 | PEAK | 23.18 | 27.45 | 27.35 | 27.29 | 30.00 | -2.55 | 1.50 | 28.95 | 36.02 | -7.07 |
| 2452 | 9 | PEAK | 23.10 | 27.26 | 27.16 | 26.78 | 30.00 | -2.74 | 1.50 | 28.76 | 36.02 | -7.26 |
| 2457 | 10 | PEAK | 23.04 | 26.48 | 26.47 | 25.95 | 30.00 | -3.53 | 1.50 | 27.98 | 36.02 | -8.05 |
| 2462 | 11 | PEAK | 22.68 | 24.18 | 24.26 | 23.71 | 30.00 | -5.74 | 1.50 | 25.76 | 36.02 | -10.26 |
| 2467 | 12 | PEAK | 20.12 | 22.78 | 22.74 | 22.53 | 30.00 | -7.22 | 1.50 | 24.28 | 36.02 | -11.74 |
| 2472 | 13 | PEAK | 18.37 | 18.21 | 18.02 | - | 30.00 | -11.63 | 1.50 | 19.87 | 36.02 | -16.15 |

Table 7-58. Peak Conducted Output Power Measurements Antenna WF9 – High Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 86 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 24.22 | 24.01 | 27.13 | 29.74 | -2.61 | 6.26 | 33.39 | 36.02 | -2.63 |
| 2417 | 2 | PEAK | 26.27 | 26.10 | 29.20 | 29.74 | -0.54 | 6.26 | 35.46 | 36.02 | -0.56 |
| 2422 | 3 | PEAK | 26.42 | 26.18 | 29.31 | 29.74 | -0.43 | 6.26 | 35.57 | 36.02 | -0.45 |
| 2427 | 4 | PEAK | 26.34 | 26.08 | 29.22 | 29.74 | -0.52 | 6.26 | 35.48 | 36.02 | -0.54 |
| 2432 | 5 | PEAK | 26.31 | 26.33 | 29.33 | 29.74 | -0.41 | 6.26 | 35.59 | 36.02 | -0.43 |
| 2437 | 6 | PEAK | 26.29 | 26.32 | 29.32 | 29.74 | -0.42 | 6.26 | 35.58 | 36.02 | -0.44 |
| 2442 | 7 | PEAK | 26.30 | 26.25 | 29.29 | 29.74 | -0.45 | 6.26 | 35.55 | 36.02 | -0.47 |
| 2447 | 8 | PEAK | 26.21 | 26.39 | 29.31 | 29.74 | -0.43 | 6.26 | 35.57 | 36.02 | -0.45 |
| 2452 | 9 | PEAK | 26.24 | 26.34 | 29.30 | 29.74 | -0.44 | 6.26 | 35.56 | 36.02 | -0.46 |
| 2457 | 10 | PEAK | 26.21 | 25.91 | 29.08 | 29.74 | -0.66 | 6.26 | 35.34 | 36.02 | -0.68 |
| 2462 | 11 | PEAK | 24.25 | 24.24 | 27.25 | 29.74 | -2.49 | 6.26 | 33.51 | 36.02 | -2.51 |
| 2467 | 12 | PEAK | 22.12 | 22.20 | 25.17 | 29.74 | -4.57 | 6.26 | 31.43 | 36.02 | -4.59 |
| 2472 | 13 | PEAK | 15.57 | 15.62 | 18.60 | 29.74 | -11.14 | 6.26 | 24.86 | 36.02 | -11.16 |

Table 7-59. Peak Conducted Output Power Measurements Primary CDD (802.11g) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 24.00 | 24.23 | 27.12 | 29.74 | -2.62 | 6.26 | 33.38 | 36.02 | -2.64 |
| 2417 | 2 | PEAK | 26.13 | 26.27 | 29.21 | 29.74 | -0.53 | 6.26 | 35.47 | 36.02 | -0.55 |
| 2422 | 3 | PEAK | 26.49 | 26.35 | 29.43 | 29.74 | -0.31 | 6.26 | 35.69 | 36.02 | -0.33 |
| 2427 | 4 | PEAK | 26.25 | 26.08 | 29.17 | 29.74 | -0.57 | 6.26 | 35.43 | 36.02 | -0.59 |
| 2432 | 5 | PEAK | 26.43 | 26.31 | 29.38 | 29.74 | -0.36 | 6.26 | 35.64 | 36.02 | -0.38 |
| 2437 | 6 | PEAK | 26.51 | 26.31 | 29.42 | 29.74 | -0.32 | 6.26 | 35.68 | 36.02 | -0.34 |
| 2442 | 7 | PEAK | 26.45 | 26.31 | 29.39 | 29.74 | -0.35 | 6.26 | 35.65 | 36.02 | -0.37 |
| 2447 | 8 | PEAK | 26.06 | 26.05 | 29.06 | 29.74 | -0.68 | 6.26 | 35.32 | 36.02 | -0.70 |
| 2452 | 9 | PEAK | 26.27 | 26.25 | 29.27 | 29.74 | -0.47 | 6.26 | 35.53 | 36.02 | -0.49 |
| 2457 | 10 | PEAK | 26.16 | 26.13 | 29.16 | 29.74 | -0.58 | 6.26 | 35.42 | 36.02 | -0.60 |
| 2462 | 11 | PEAK | 24.48 | 24.42 | 27.46 | 29.74 | -2.28 | 6.26 | 33.72 | 36.02 | -2.30 |
| 2467 | 12 | PEAK | 22.53 | 22.48 | 25.51 | 29.74 | -4.23 | 6.26 | 31.77 | 36.02 | -4.25 |
| 2472 | 13 | PEAK | 15.39 | 15.64 | 18.52 | 29.74 | -11.22 | 6.26 | 24.78 | 36.02 | -11.24 |

Table 7-60. Peak Conducted Output Power Measurements Primary CDD (802.11n) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF7 | Summed | | | | | | |
| 2412 | 1 | PEAK | 22.72 | 23.45 | 26.11 | 29.74 | -3.63 | 6.26 | 32.37 | 36.02 | -3.65 |
| 2417 | 2 | PEAK | 25.14 | 25.33 | 28.25 | 29.74 | -1.49 | 6.26 | 34.51 | 36.02 | -1.51 |
| 2422 | 3 | PEAK | 26.48 | 26.06 | 29.28 | 29.74 | -0.46 | 6.26 | 35.54 | 36.02 | -0.48 |
| 2427 | 4 | PEAK | 26.09 | 26.19 | 29.15 | 29.74 | -0.59 | 6.26 | 35.41 | 36.02 | -0.61 |
| 2432 | 5 | PEAK | 26.09 | 25.80 | 28.96 | 29.74 | -0.78 | 6.26 | 35.22 | 36.02 | -0.80 |
| 2437 | 6 | PEAK | 26.35 | 26.13 | 29.25 | 29.74 | -0.49 | 6.26 | 35.51 | 36.02 | -0.51 |
| 2442 | 7 | PEAK | 26.19 | 25.88 | 29.05 | 29.74 | -0.69 | 6.26 | 35.31 | 36.02 | -0.71 |
| 2447 | 8 | PEAK | 26.49 | 26.31 | 29.41 | 29.74 | -0.33 | 6.26 | 35.67 | 36.02 | -0.35 |
| 2452 | 9 | PEAK | 26.28 | 26.10 | 29.20 | 29.74 | -0.54 | 6.26 | 35.46 | 36.02 | -0.56 |
| 2457 | 10 | PEAK | 25.52 | 25.17 | 28.36 | 29.74 | -1.38 | 6.26 | 34.62 | 36.02 | -1.40 |
| 2462 | 11 | PEAK | 23.32 | 23.45 | 26.39 | 29.74 | -3.35 | 6.26 | 32.65 | 36.02 | -3.37 |
| 2467 | 12 | PEAK | 22.01 | 21.81 | 24.92 | 29.74 | -4.82 | 6.26 | 31.18 | 36.02 | -4.84 |

Table 7-61. Peak Conducted Output Power Measurements Primary CDD (802.11ax - SU) – High Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 87 of 583 |

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 24.22 | 24.06 | 27.15 | 30.00 | -2.85 | 5.57 | 32.72 | 36.02 | -3.30 |
| 2417 | 2 | PEAK | 26.03 | 25.95 | 29.00 | 30.00 | -1.00 | 5.57 | 34.57 | 36.02 | -1.45 |
| 2422 | 3 | PEAK | 26.27 | 26.71 | 29.51 | 30.00 | -0.49 | 5.57 | 35.08 | 36.02 | -0.94 |
| 2427 | 4 | PEAK | 26.10 | 27.17 | 29.68 | 30.00 | -0.32 | 5.57 | 35.25 | 36.02 | -0.77 |
| 2432 | 5 | PEAK | 26.47 | 26.43 | 29.46 | 30.00 | -0.54 | 5.57 | 35.03 | 36.02 | -0.99 |
| 2437 | 6 | PEAK | 26.51 | 26.43 | 29.48 | 30.00 | -0.52 | 5.57 | 35.05 | 36.02 | -0.97 |
| 2442 | 7 | PEAK | 26.43 | 26.46 | 29.45 | 30.00 | -0.55 | 5.57 | 35.02 | 36.02 | -1.00 |
| 2447 | 8 | PEAK | 26.07 | 27.05 | 29.60 | 30.00 | -0.40 | 5.57 | 35.17 | 36.02 | -0.85 |
| 2452 | 9 | PEAK | 26.08 | 26.50 | 29.31 | 30.00 | -0.69 | 5.57 | 34.88 | 36.02 | -1.14 |
| 2457 | 10 | PEAK | 25.97 | 26.10 | 29.05 | 30.00 | -0.95 | 5.57 | 34.62 | 36.02 | -1.40 |
| 2462 | 11 | PEAK | 24.25 | 24.45 | 27.36 | 30.00 | -2.64 | 5.57 | 32.93 | 36.02 | -3.09 |
| 2467 | 12 | PEAK | 22.12 | 22.17 | 25.15 | 30.00 | -4.85 | 5.57 | 30.72 | 36.02 | -5.30 |
| 2472 | 13 | PEAK | 15.57 | 16.16 | 18.88 | 30.00 | -11.12 | 5.57 | 24.45 | 36.02 | -11.57 |

Table 7-62. Peak Conducted Output Power Measurements Diversity CDD (802.11g) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 24.00 | 24.43 | 27.23 | 30.00 | -2.77 | 5.57 | 32.80 | 36.02 | -3.22 |
| 2417 | 2 | PEAK | 26.01 | 26.03 | 29.03 | 30.00 | -0.97 | 5.57 | 34.60 | 36.02 | -1.42 |
| 2422 | 3 | PEAK | 26.52 | 26.51 | 29.53 | 30.00 | -0.47 | 5.57 | 35.10 | 36.02 | -0.92 |
| 2427 | 4 | PEAK | 26.10 | 27.14 | 29.66 | 30.00 | -0.34 | 5.57 | 35.23 | 36.02 | -0.79 |
| 2432 | 5 | PEAK | 26.31 | 26.35 | 29.34 | 30.00 | -0.66 | 5.57 | 34.91 | 36.02 | -1.11 |
| 2437 | 6 | PEAK | 26.37 | 26.46 | 29.43 | 30.00 | -0.57 | 5.57 | 35.00 | 36.02 | -1.02 |
| 2442 | 7 | PEAK | 26.41 | 26.34 | 29.39 | 30.00 | -0.61 | 5.57 | 34.96 | 36.02 | -1.06 |
| 2447 | 8 | PEAK | 25.92 | 27.01 | 29.51 | 30.00 | -0.49 | 5.57 | 35.08 | 36.02 | -0.94 |
| 2452 | 9 | PEAK | 26.36 | 26.68 | 29.53 | 30.00 | -0.47 | 5.57 | 35.10 | 36.02 | -0.92 |
| 2457 | 10 | PEAK | 26.02 | 25.94 | 28.99 | 30.00 | -1.01 | 5.57 | 34.56 | 36.02 | -1.46 |
| 2462 | 11 | PEAK | 24.48 | 24.22 | 27.36 | 30.00 | -2.64 | 5.57 | 32.93 | 36.02 | -3.09 |
| 2467 | 12 | PEAK | 22.53 | 22.39 | 25.47 | 30.00 | -4.53 | 5.57 | 31.04 | 36.02 | -4.98 |
| 2472 | 13 | PEAK | 15.39 | 15.72 | 18.57 | 30.00 | -11.43 | 5.57 | 24.14 | 36.02 | -11.88 |

Table 7-63. Peak Conducted Output Power Measurements Diversity CDD (802.11n) – High Data Rate

| Freq [MHz] | Channel | Detector | Conducted Power [dBm] | | | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------|---------|----------|-----------------------|---------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
| | | | Ant WF8 | Ant WF9 | Summed | | | | | | |
| 2412 | 1 | PEAK | 22.72 | 22.90 | 25.82 | 30.00 | -4.18 | 5.57 | 31.39 | 36.02 | -4.63 |
| 2417 | 2 | PEAK | 25.14 | 25.43 | 28.29 | 30.00 | -1.71 | 5.57 | 33.86 | 36.02 | -2.16 |
| 2422 | 3 | PEAK | 26.48 | 26.19 | 29.35 | 30.00 | -0.65 | 5.57 | 34.92 | 36.02 | -1.10 |
| 2427 | 4 | PEAK | 26.09 | 26.66 | 29.40 | 30.00 | -0.60 | 5.57 | 34.97 | 36.02 | -1.05 |
| 2432 | 5 | PEAK | 26.09 | 27.00 | 29.58 | 30.00 | -0.42 | 5.57 | 35.15 | 36.02 | -0.87 |
| 2437 | 6 | PEAK | 26.35 | 26.31 | 29.34 | 30.00 | -0.66 | 5.57 | 34.91 | 36.02 | -1.11 |
| 2442 | 7 | PEAK | 26.19 | 27.07 | 29.66 | 30.00 | -0.34 | 5.57 | 35.23 | 36.02 | -0.79 |
| 2447 | 8 | PEAK | 26.49 | 26.54 | 29.53 | 30.00 | -0.47 | 5.57 | 35.10 | 36.02 | -0.92 |
| 2452 | 9 | PEAK | 26.28 | 26.24 | 29.27 | 30.00 | -0.73 | 5.57 | 34.84 | 36.02 | -1.18 |
| 2457 | 10 | PEAK | 25.52 | 25.50 | 28.52 | 30.00 | -1.48 | 5.57 | 34.09 | 36.02 | -1.93 |
| 2462 | 11 | PEAK | 23.32 | 23.45 | 26.39 | 30.00 | -3.61 | 5.57 | 31.96 | 36.02 | -4.06 |
| 2467 | 12 | PEAK | 22.01 | 21.76 | 24.90 | 30.00 | -5.10 | 5.57 | 30.47 | 36.02 | -5.55 |
| 2472 | 13 | PEAK | - | - | 0.00 | 30.00 | -30.00 | 5.57 | 5.57 | 36.02 | -30.45 |

Table 7-64. Peak Conducted Output Power Measurements Diversity CDD (802.11ax - SU) – High Data Rate

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 88 of 583 |

Note:

Per ANSI C63.10-2013 and KDB 662911 D01 v02r01 Section E)1), the conducted powers at Antenna WF8 and Antenna WF7 were first measured separately during CDD transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10-2013 Section 14.4.3. the directional gain is calculated using the following formula, where GN is the gain of the nth antenna and N_{ANT}, the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Sample CDD Calculation:

At 2412MHz the average conducted output power was measured to be 14.33 dBm for Antenna WF8 and 14.40 dBm for Antenna WF7.

$$\text{Antenna WF8} + \text{Antenna WF7} = \text{CDD}$$

$$(14.33 \text{ dBm} + 14.40 \text{ dBm}) = (27.11 \text{ mW} + 27.54 \text{ mW}) = 54.65 \text{ mW} = 17.37 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 2412MHz the average conducted output power was measured to be 17.37 dBm with directional gain of 6.26dBi

$$\text{e.i.r.p (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$17.37 \text{ dBm} + 6.26 \text{ dBi} = 23.63 \text{ dBm}$$

| | | |
|--|---|--|
| FCC ID: BCGA2836 IC: 579C-A2836 |  MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device |

7.4 Power Spectral Density

§15.247(e); RSS-247 [5.2]

Test Overview and Limit

The peak power density is measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated and the worst case configuration results are reported in this section.

The maximum permissible power spectral density is 8 dBm in any 3 kHz band.

Test Procedure Used

ANSI C63.10-2013 – Subclause 11.10.2 Method PKPSD

KDB 558074 D01 v05r02 – Section 8.4 DTS Maximum Power Spectral Density level in the fundamental emission

ANSI C63.10-2013 – Subclause 14.3.2.2 Measure-and-Sum Technique

KDB 662911 D01 v02r01 – Section E)2) Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the DTS channel under investigation
2. Span = 1.5 times the DTS channel bandwidth
3. RBW = 3kHz
4. VBW = 1MHz
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-3. Test Instrument & Measurement Setup

Test Notes

The data rates have been classified into three different groups: low data rate, middle data rate, and high data rate. All three data rate groups have been investigated and only the worst data rate per group is reported.

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
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V 10.6 09/14/2023

7.4.1 Antenna WF8 Power Spectral Density Measurements

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | 12 | -7.96 | 8.00 | -15.96 | Pass |
| 2437 | 6 | g | 12 | -3.37 | 8.00 | -11.37 | Pass |
| 2462 | 11 | g | 12 | -7.01 | 8.00 | -15.01 | Pass |
| 2412 | 1 | n | 19.5/21.7 (MCS2) | -9.62 | 8.00 | -17.62 | Pass |
| 2437 | 6 | n | 19.5/21.7 (MCS2) | -4.25 | 8.00 | -12.25 | Pass |
| 2462 | 11 | n | 19.5/21.7 (MCS2) | -8.79 | 8.00 | -16.79 | Pass |
| 2412 | 1 | ax (SU) | 24/25.8 (MCS2) | -10.67 | 8.00 | -18.67 | Pass |
| 2437 | 6 | ax (SU) | 24/25.8 (MCS2) | -5.34 | 8.00 | -13.34 | Pass |
| 2462 | 11 | ax (SU) | 24/25.8 (MCS2) | -11.27 | 8.00 | -19.27 | Pass |

Table 7-65. Conducted Power Density Measurements Antenna WF8 (Low Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | 24 | -9.74 | 8.00 | -17.74 | Pass |
| 2437 | 6 | g | 24 | -3.58 | 8.00 | -11.58 | Pass |
| 2462 | 11 | g | 24 | -8.36 | 8.00 | -16.36 | Pass |
| 2412 | 1 | n | 39/43.3 (MCS4) | -10.49 | 8.00 | -18.49 | Pass |
| 2437 | 6 | n | 39/43.3 (MCS4) | -3.84 | 8.00 | -11.84 | Pass |
| 2462 | 11 | n | 39/43.3 (MCS4) | -8.91 | 8.00 | -16.91 | Pass |
| 2412 | 1 | ax (SU) | 49/51.6 (MCS4) | -10.53 | 8.00 | -18.53 | Pass |
| 2437 | 6 | ax (SU) | 49/51.6 (MCS4) | -4.70 | 8.00 | -12.70 | Pass |
| 2462 | 11 | ax (SU) | 49/51.6 (MCS4) | -10.30 | 8.00 | -18.30 | Pass |

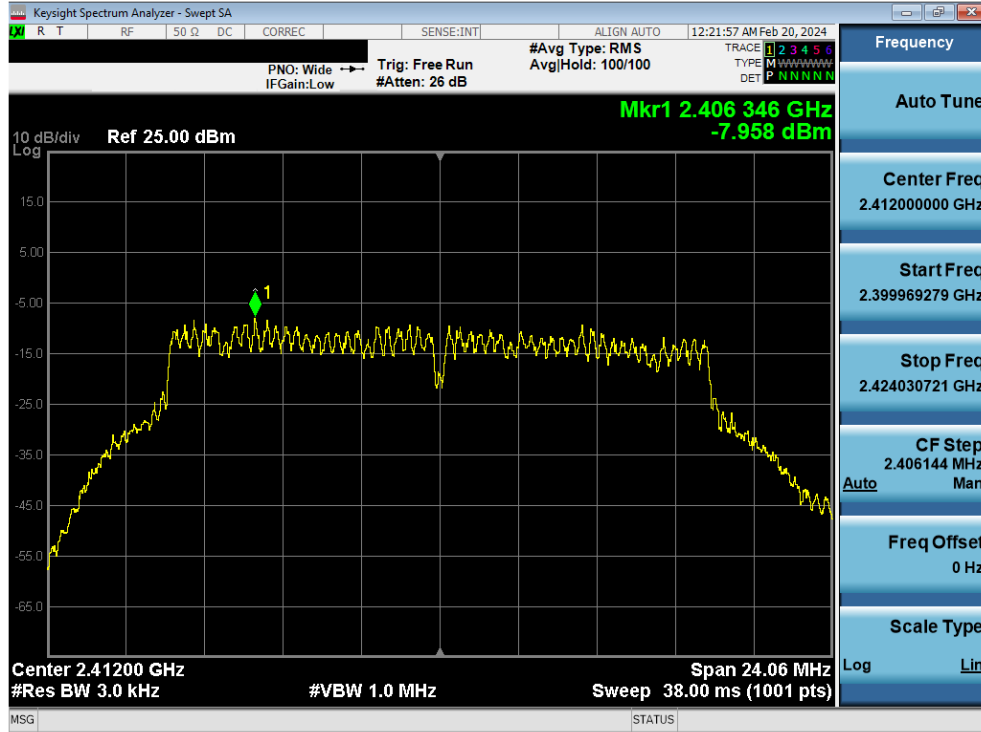
Table 7-66. Conducted Power Density Measurements Antenna WF8 (Mid Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | b | 11 | -2.57 | 8.00 | -10.57 | Pass |
| 2437 | 6 | b | 11 | -2.76 | 8.00 | -10.76 | Pass |
| 2462 | 11 | b | 11 | -2.33 | 8.00 | -10.33 | Pass |
| 2412 | 1 | g | 54 | -10.22 | 8.00 | -18.22 | Pass |
| 2437 | 6 | g | 54 | -3.86 | 8.00 | -11.86 | Pass |
| 2462 | 11 | g | 54 | -11.13 | 8.00 | -19.13 | Pass |
| 2412 | 1 | n | 65/72.2 (MCS7) | -9.84 | 8.00 | -17.84 | Pass |
| 2437 | 6 | n | 65/72.2 (MCS7) | -4.32 | 8.00 | -12.32 | Pass |
| 2462 | 11 | n | 65/72.2 (MCS7) | -9.74 | 8.00 | -17.74 | Pass |
| 2412 | 1 | ax (SU) | 81/86 (MCS9) | -11.56 | 8.00 | -19.56 | Pass |
| 2437 | 6 | ax (SU) | 81/86 (MCS9) | -4.13 | 8.00 | -12.13 | Pass |
| 2462 | 11 | ax (SU) | 81/86 (MCS9) | -10.71 | 8.00 | -18.71 | Pass |

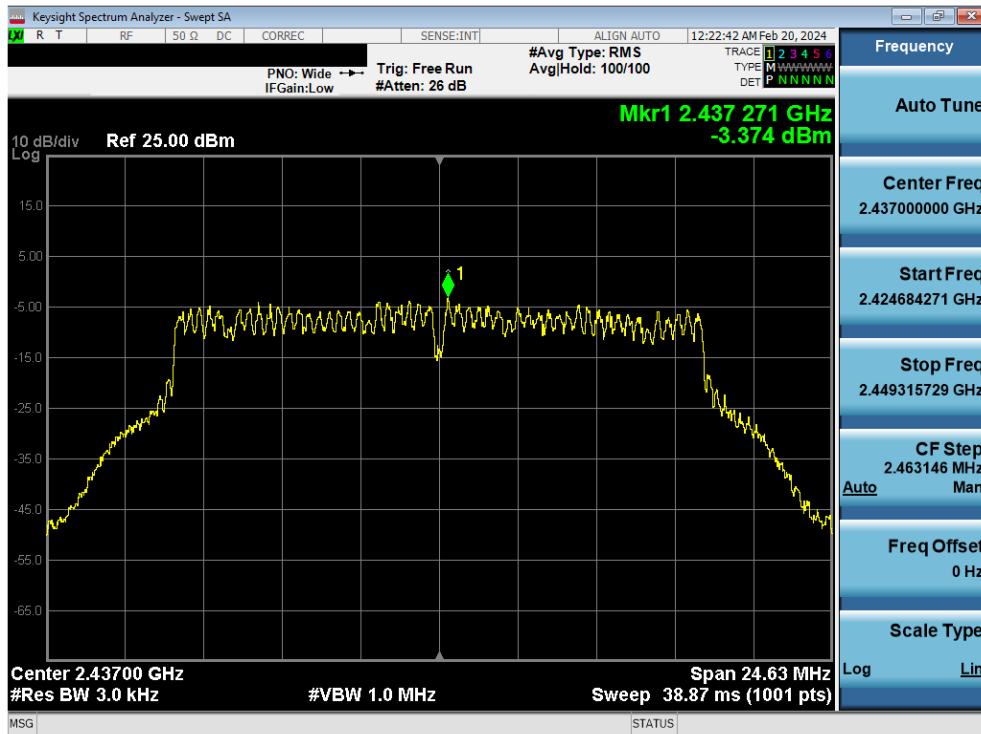
Table 7-67. Conducted Power Density Measurements Antenna WF8 (High Data Rate)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 91 of 583 |

Low Rate

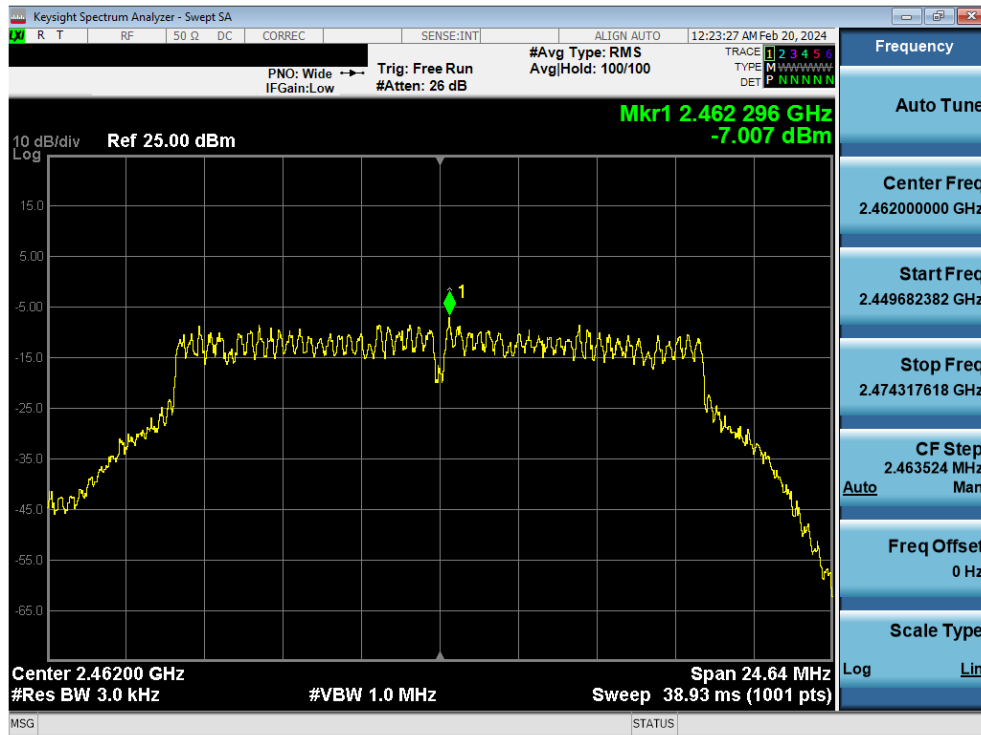


Plot 7-91. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 1) – 12Mbps

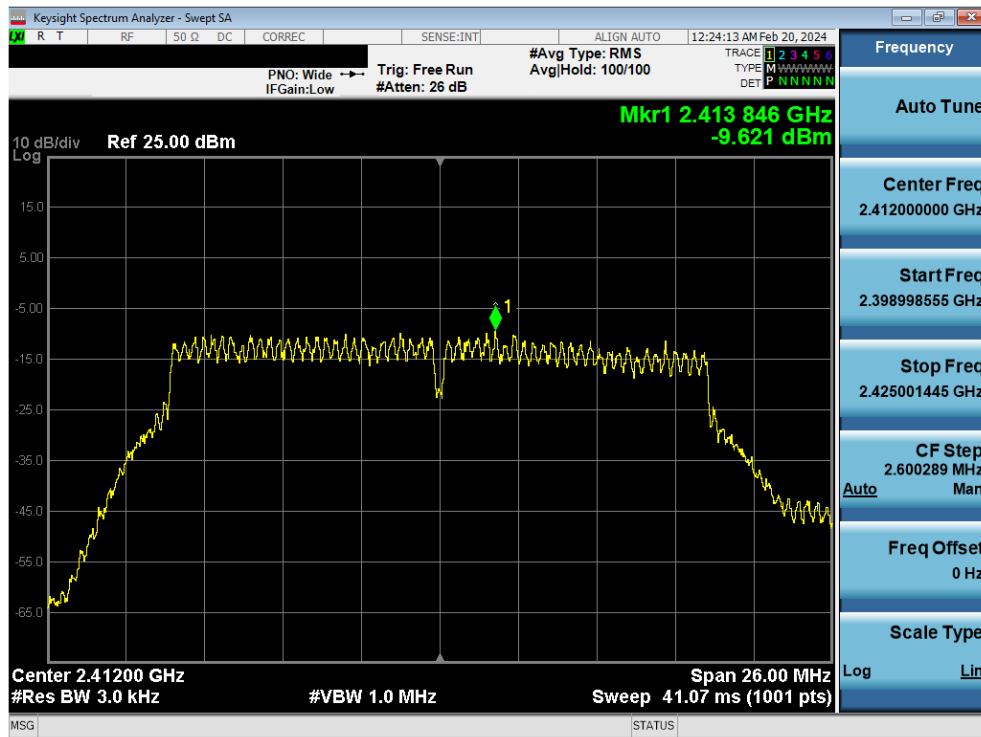


Plot 7-92. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 6) – 12Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 92 of 583 |

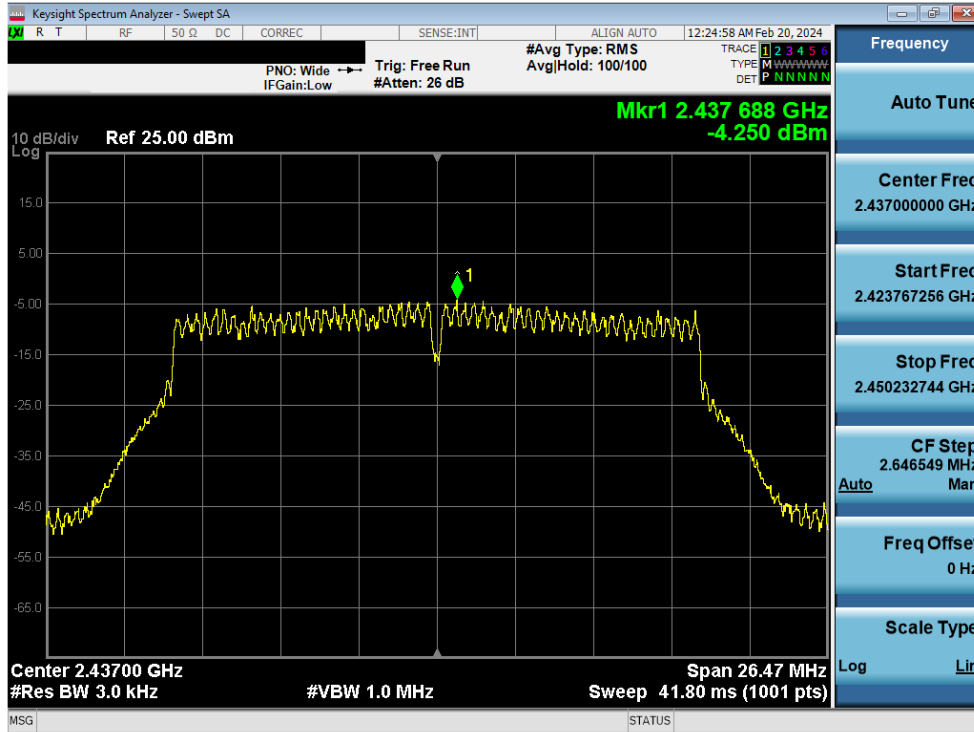


Plot 7-93. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 11) – 12Mbps

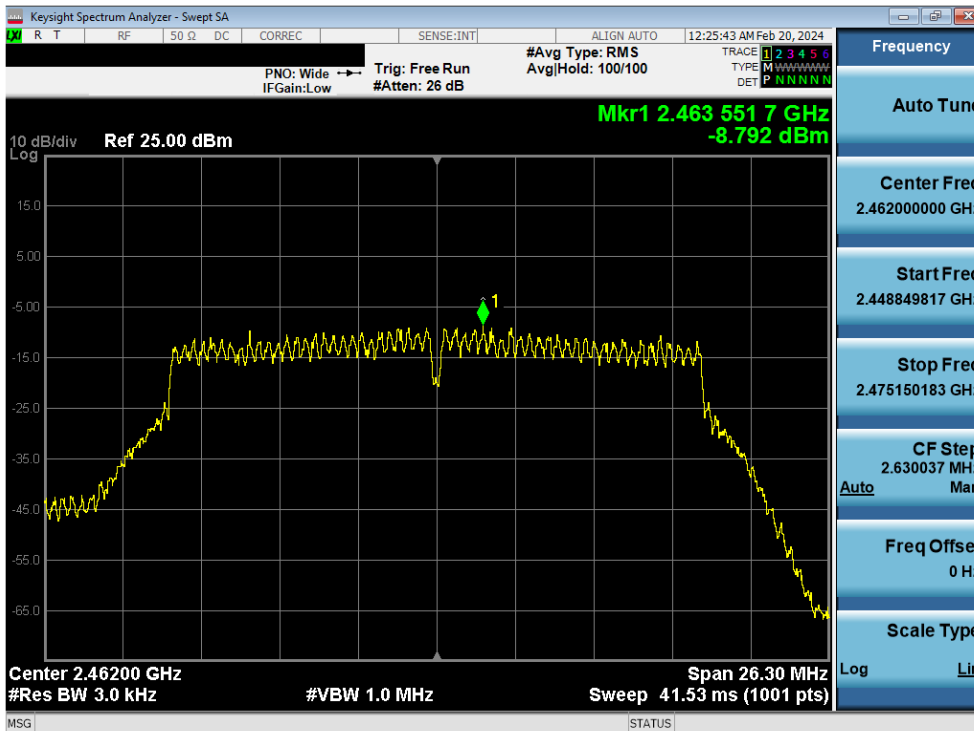


Plot 7-94. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 1) – MCS2

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 93 of 583 |

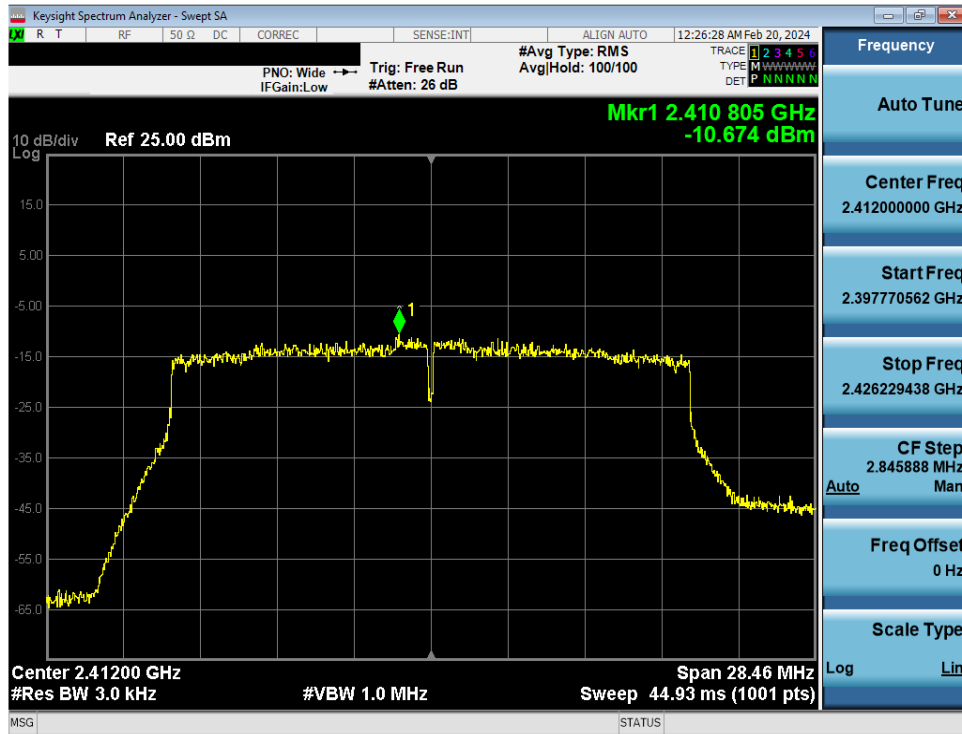


Plot 7-95. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 6) – MCS2

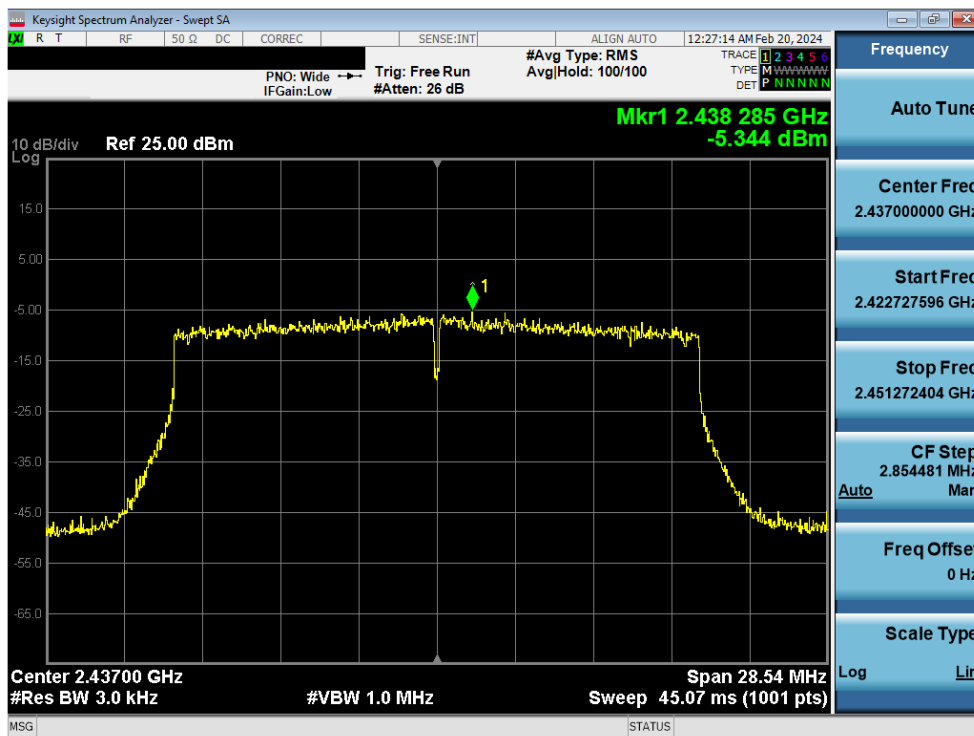


Plot 7-96. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 11) – MCS2

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 94 of 583 |

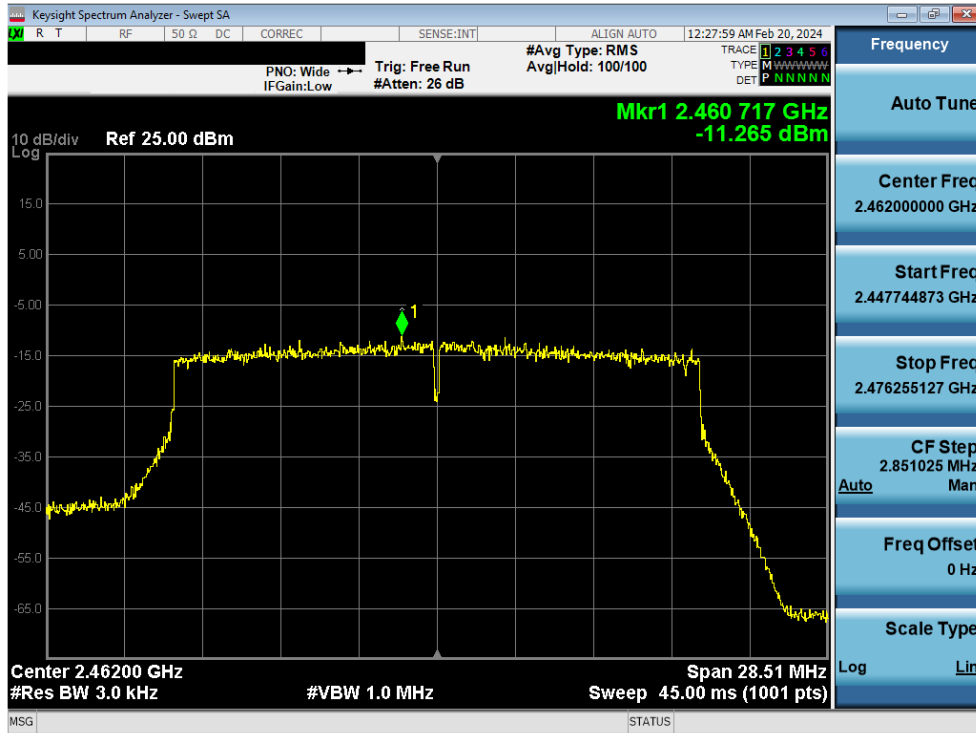


Plot 7-97. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2



Plot 7-98. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

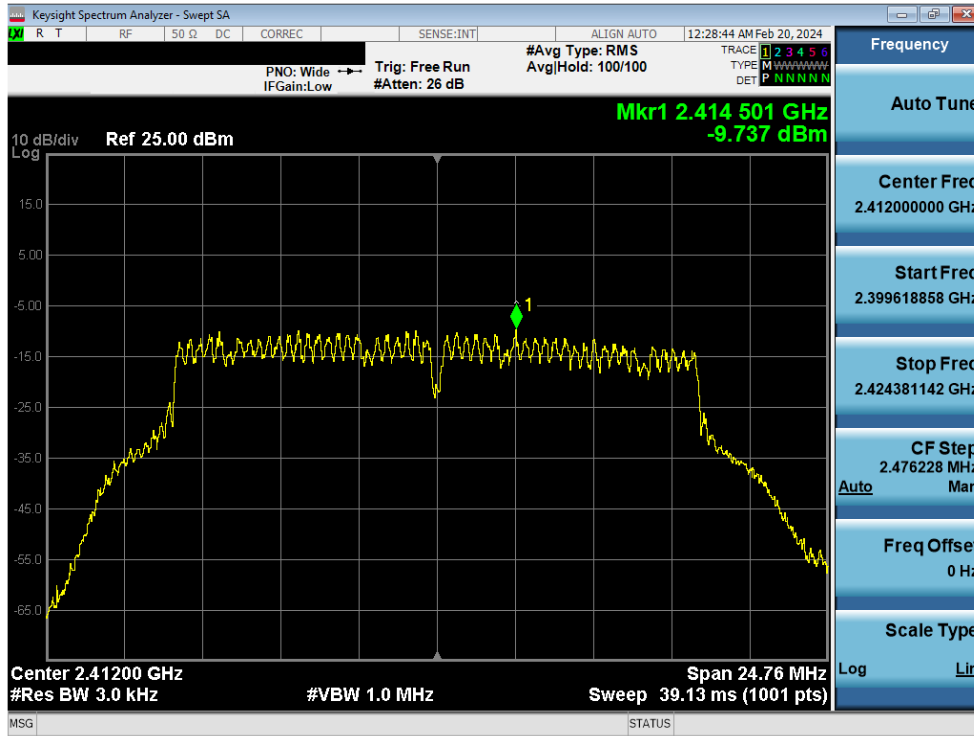
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 95 of 583 |



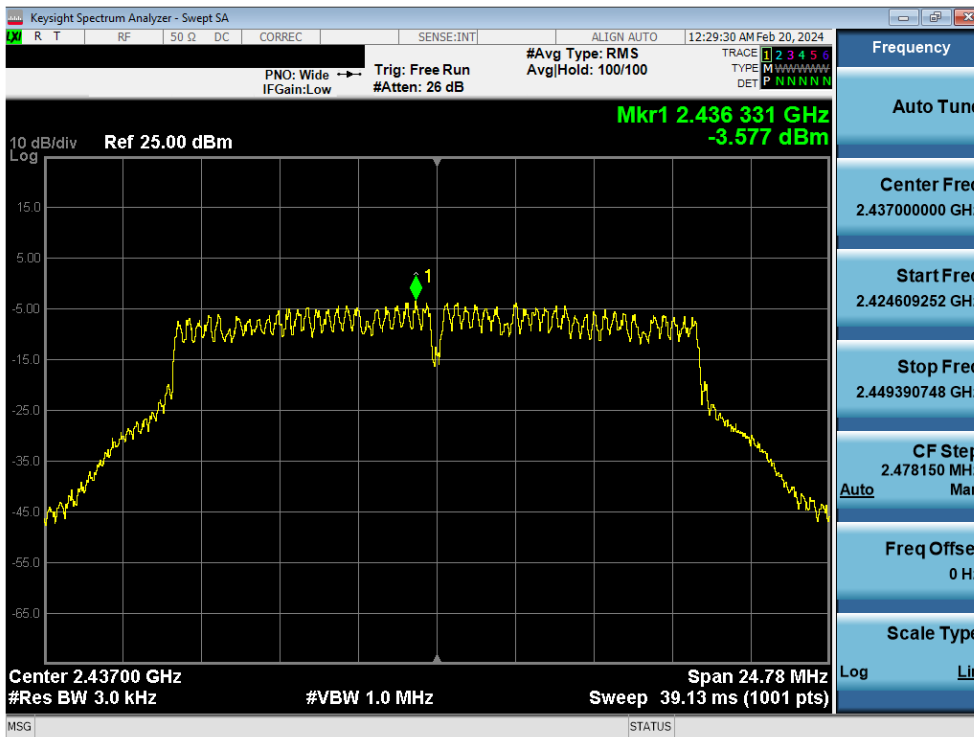
Plot 7-99. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 96 of 583 |

Mid Rate

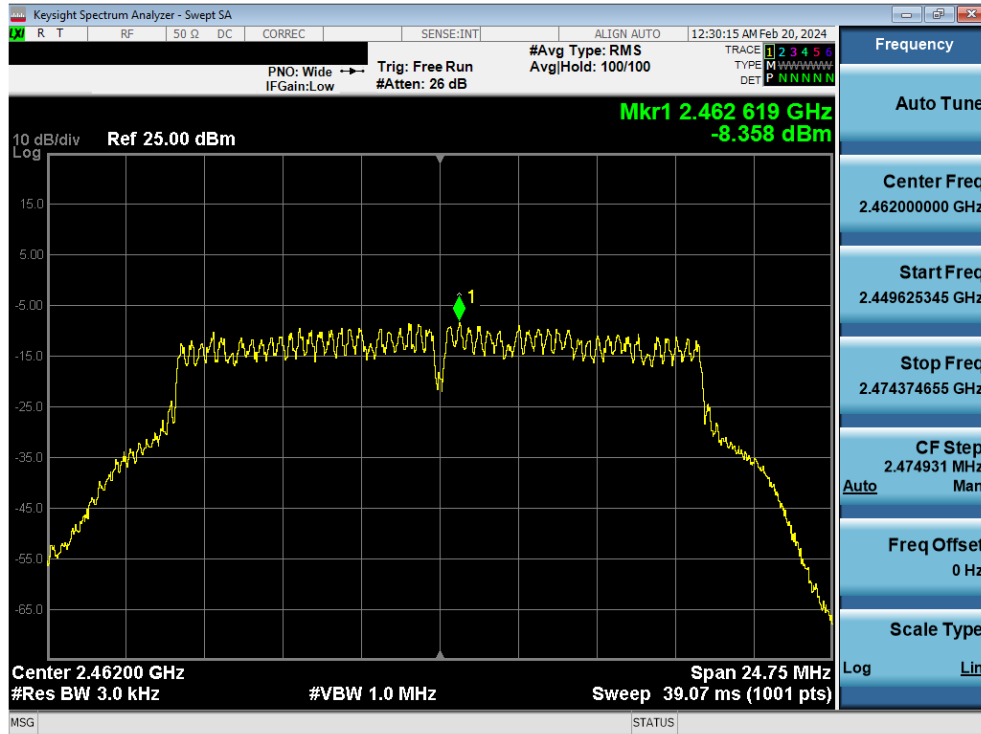


Plot 7-100. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 1) – 24Mbps

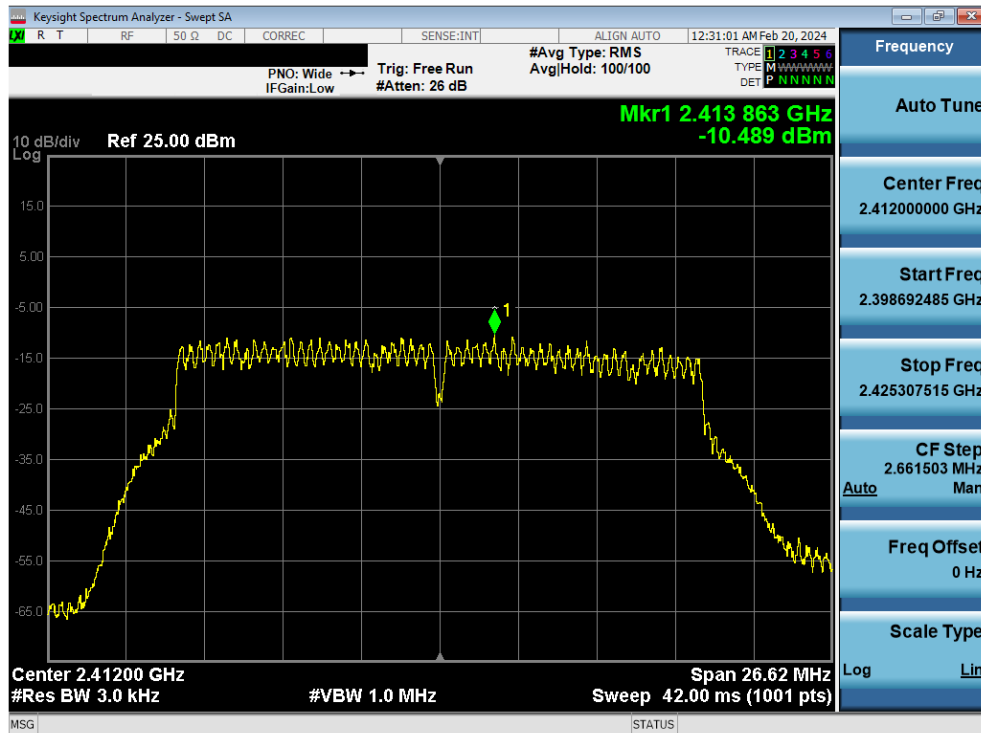


Plot 7-101. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 6) – 24Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 97 of 583 |

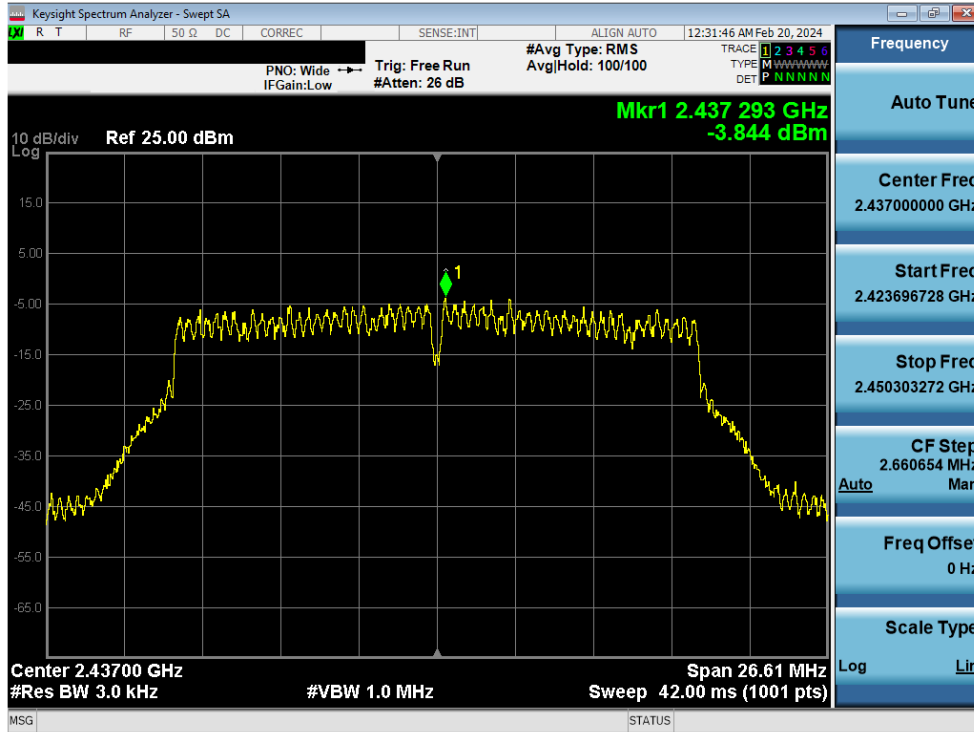


Plot 7-102. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 11) – 24Mbps

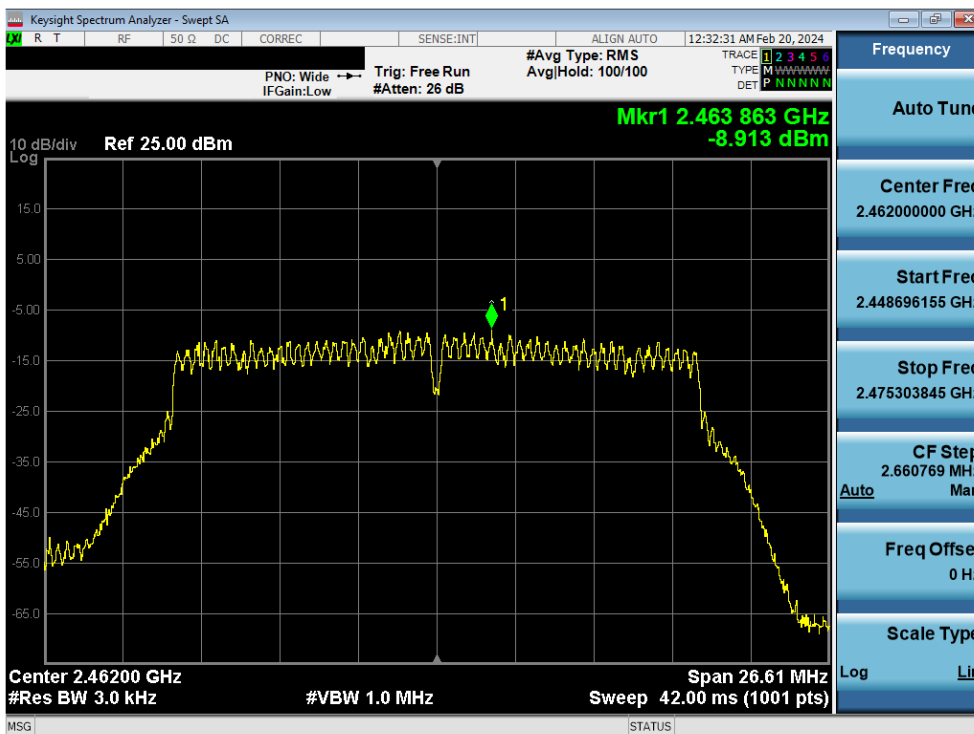


Plot 7-103. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 1) – MCS4

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 98 of 583 |

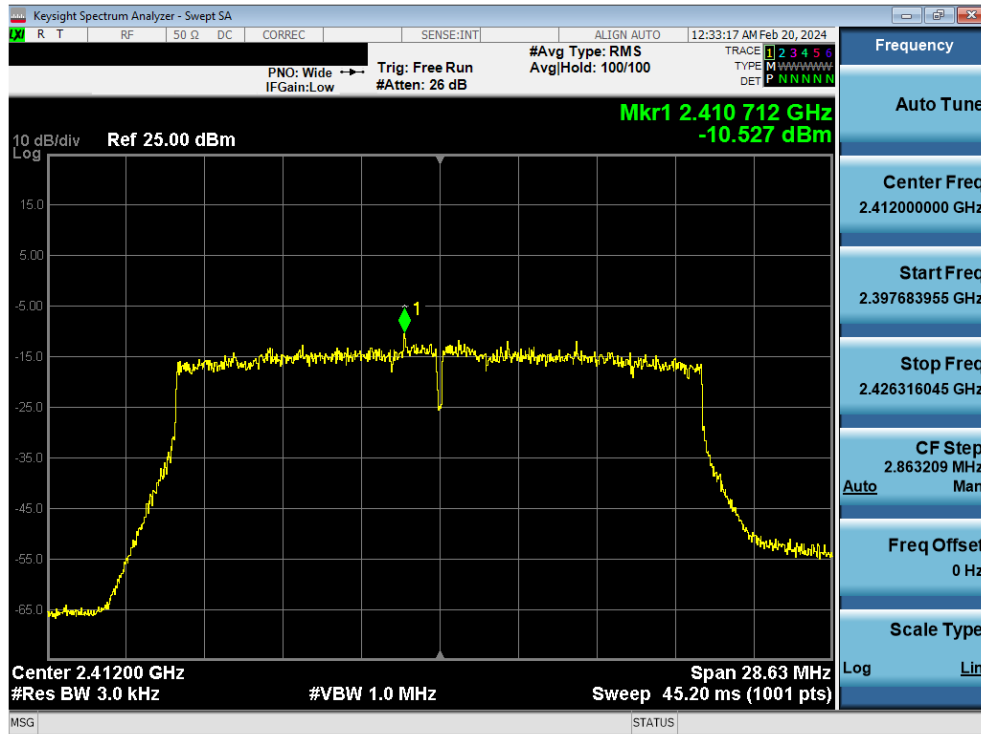


Plot 7-104. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 6) – MCS4

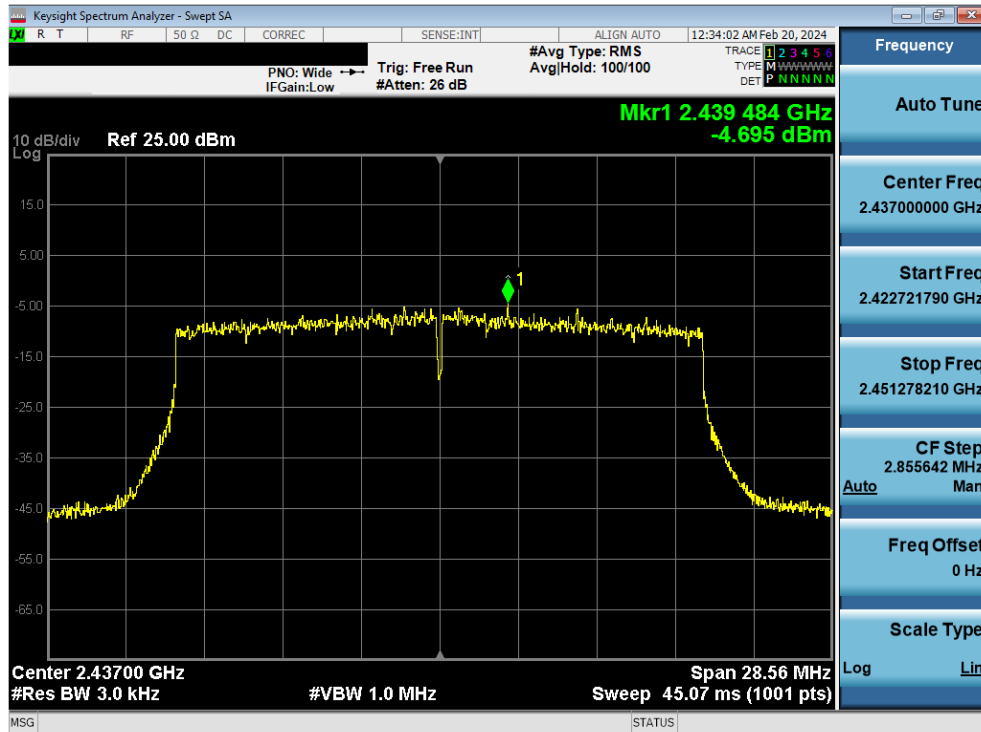


Plot 7-105. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 11) – MCS4

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 99 of 583 |

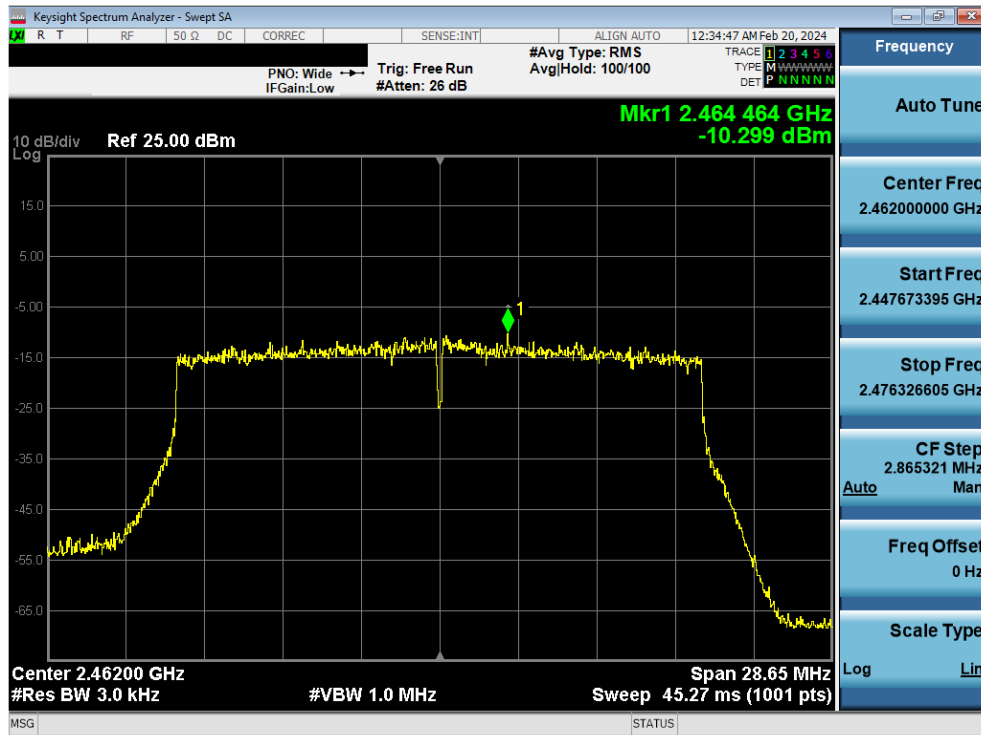


Plot 7-106. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4



Plot 7-107. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

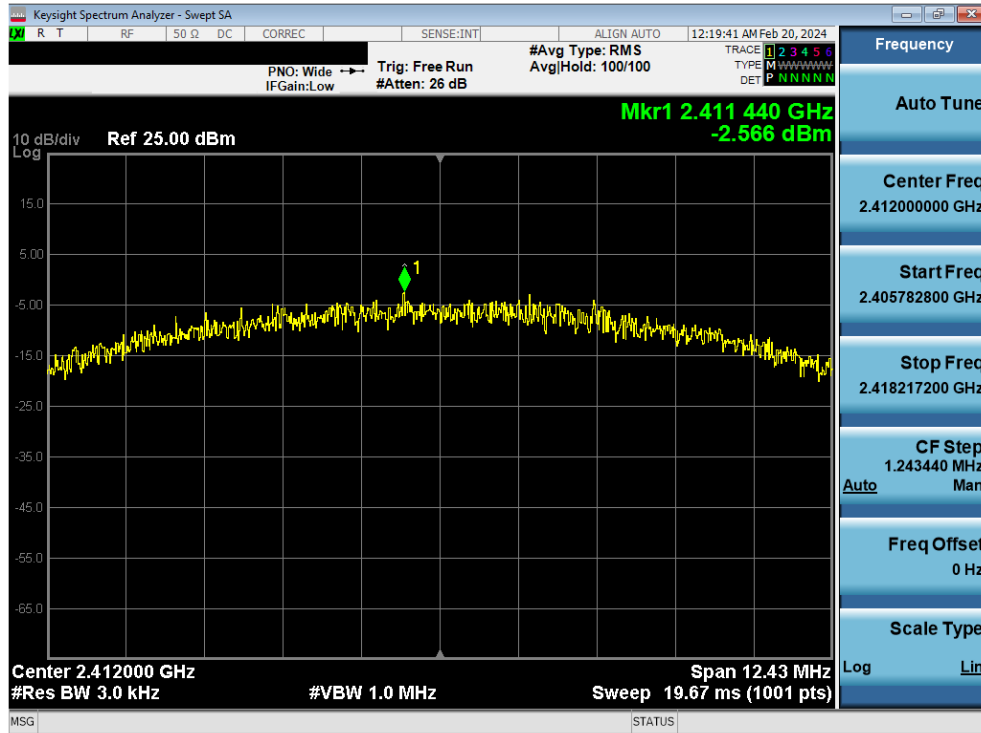
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 100 of 583 |



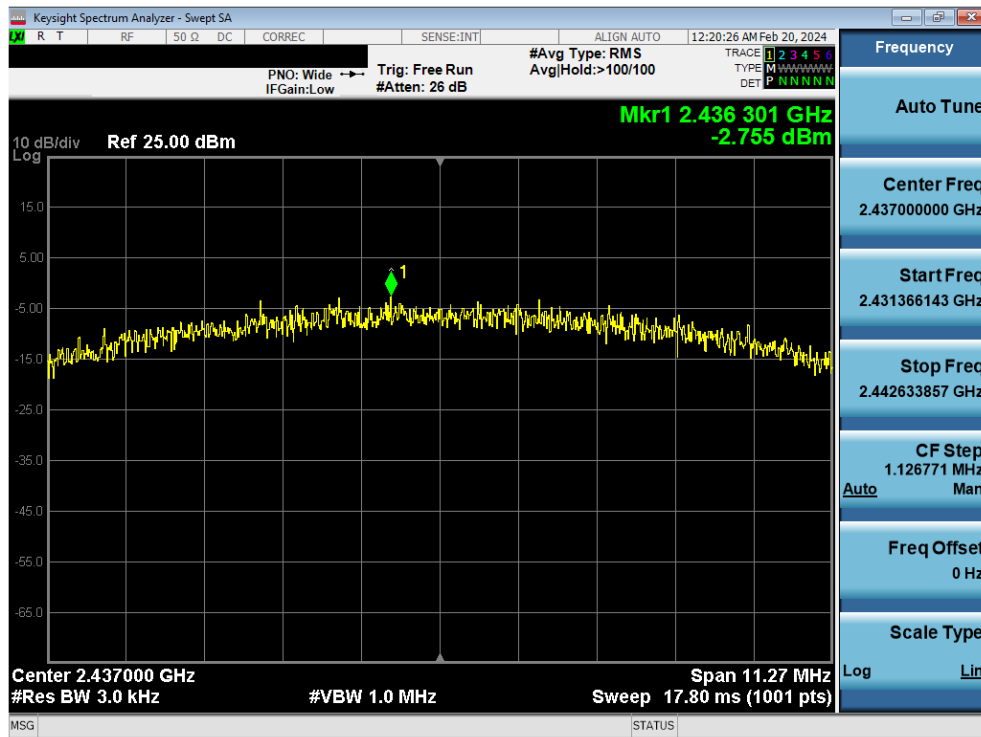
Plot 7-108. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4

| | | |
|---|---|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device |
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High Rate

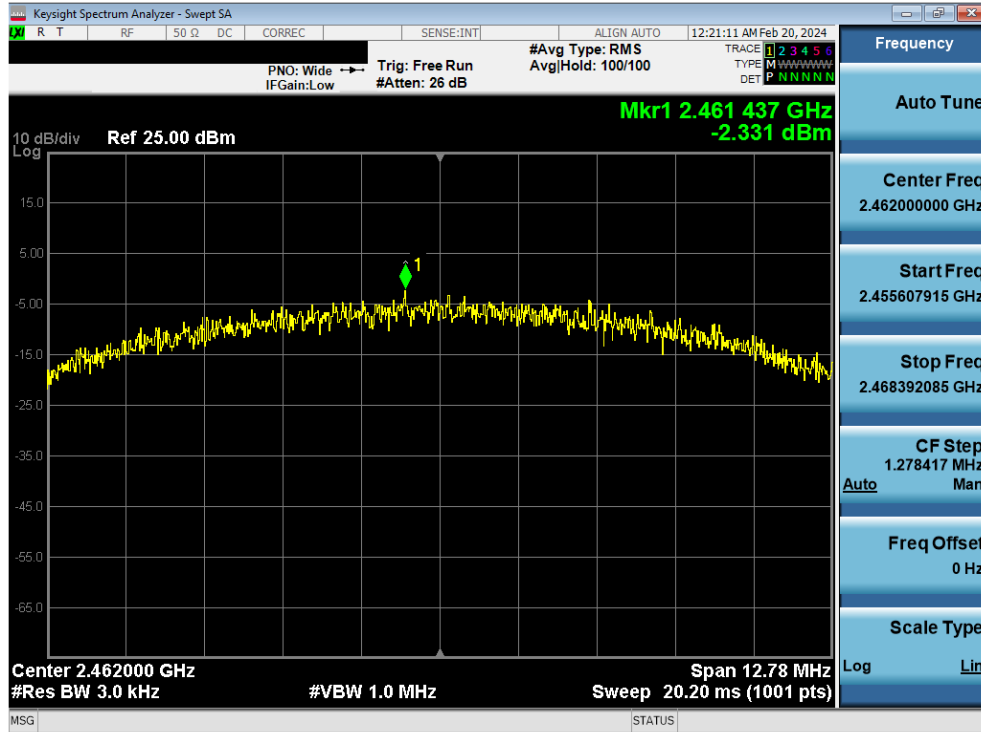


Plot 7-109. Power Spectral Density Plot Antenna WF8 (802.11b – Ch. 1) – 11Mbps

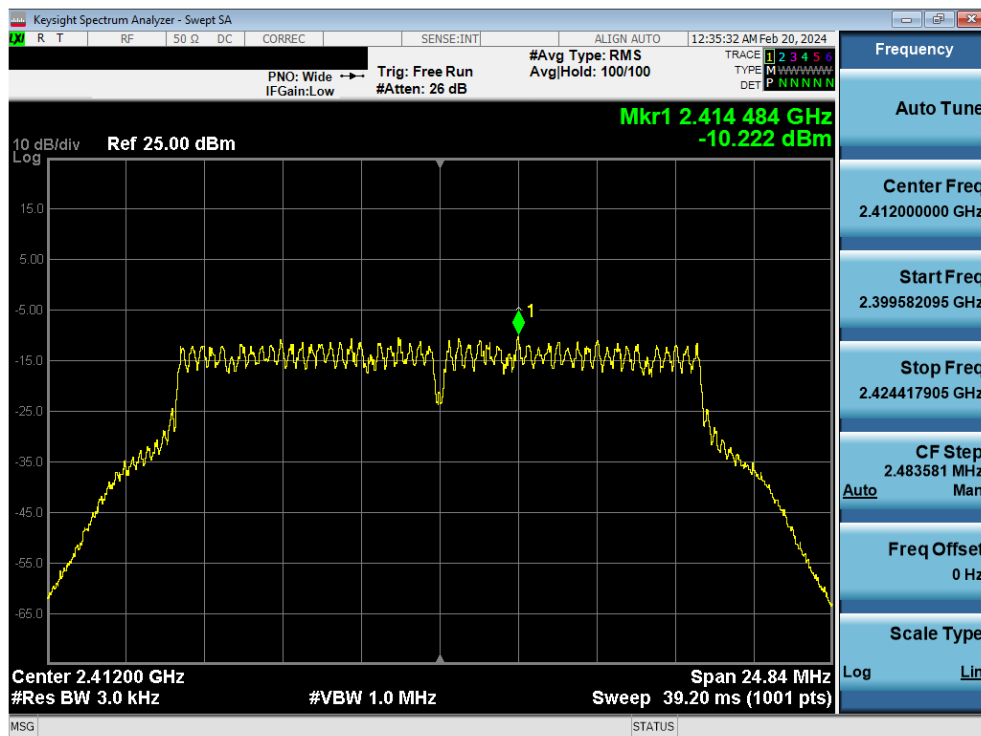


Plot 7-110. Power Spectral Density Plot Antenna WF8 (802.11b – Ch. 6) – 11Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 102 of 583 |

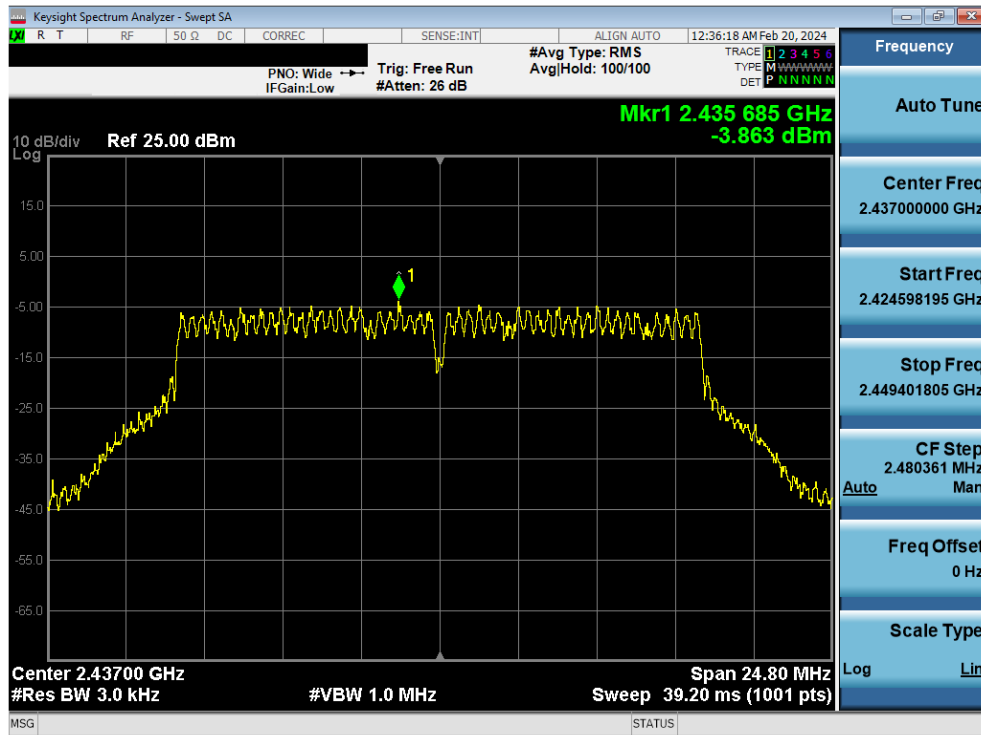


Plot 7-111. Power Spectral Density Plot Antenna WF8 (802.11b – Ch. 11) – 11Mbps

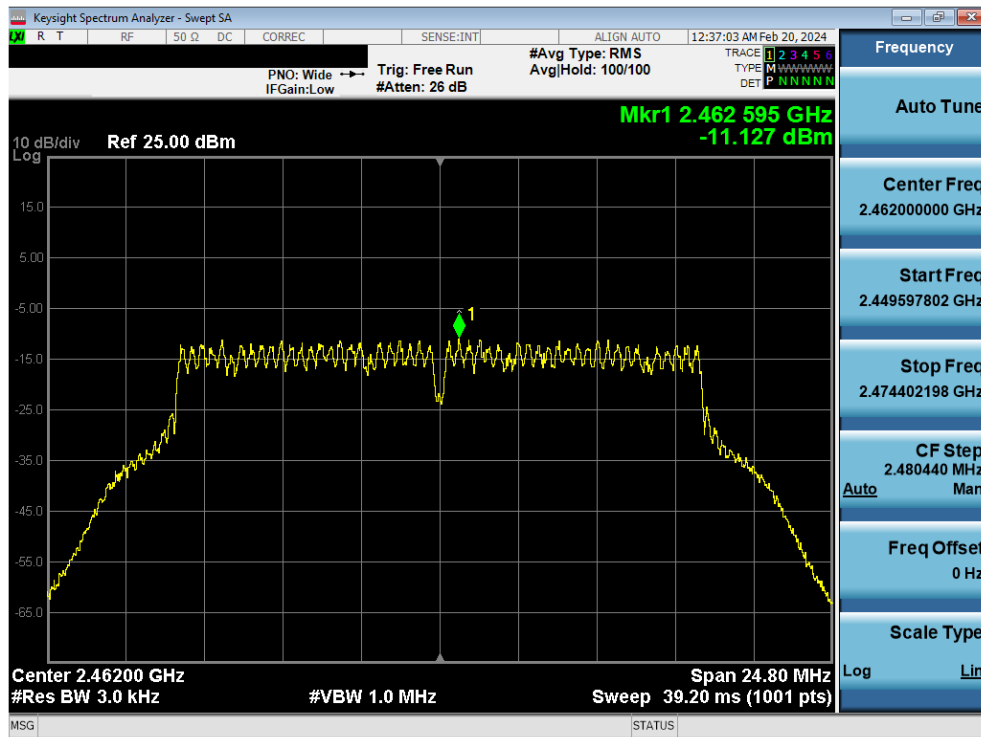


Plot 7-112. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 1) – 54Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 103 of 583 |

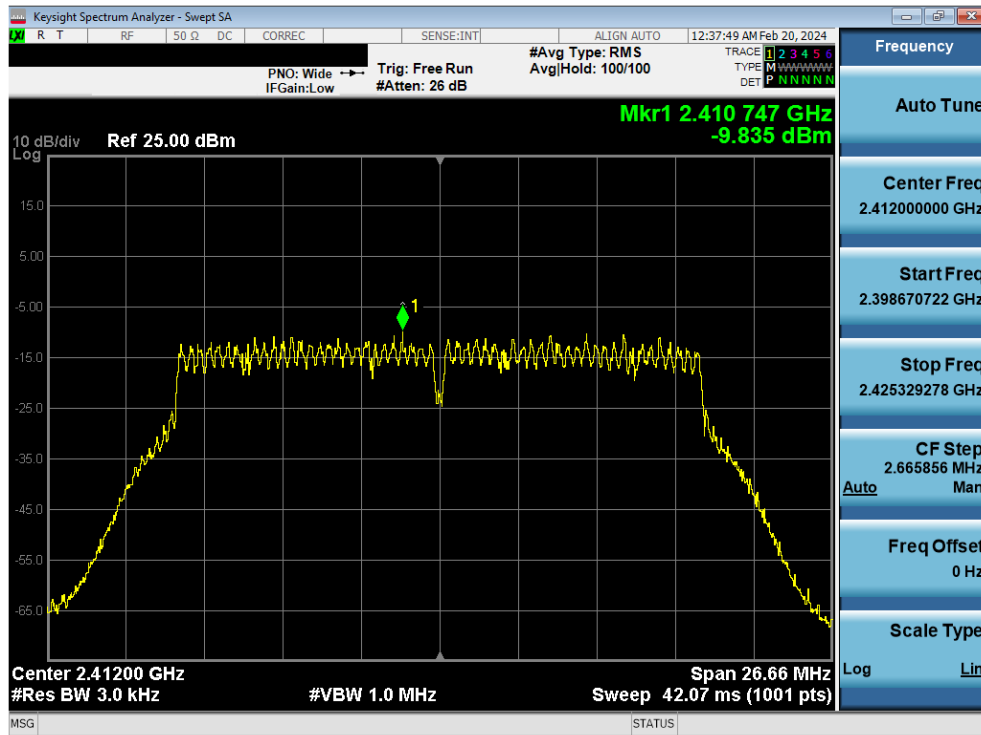


Plot 7-113. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 6) – 54Mbps

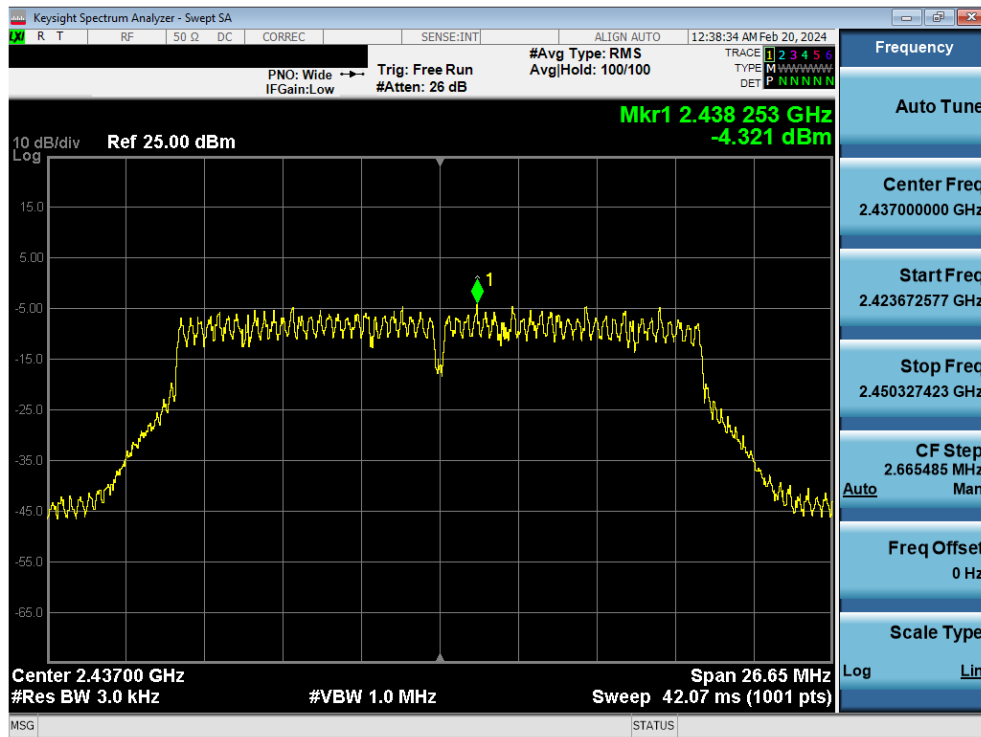


Plot 7-114. Power Spectral Density Plot Antenna WF8 (802.11g – Ch. 11) – 54Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 104 of 583 |

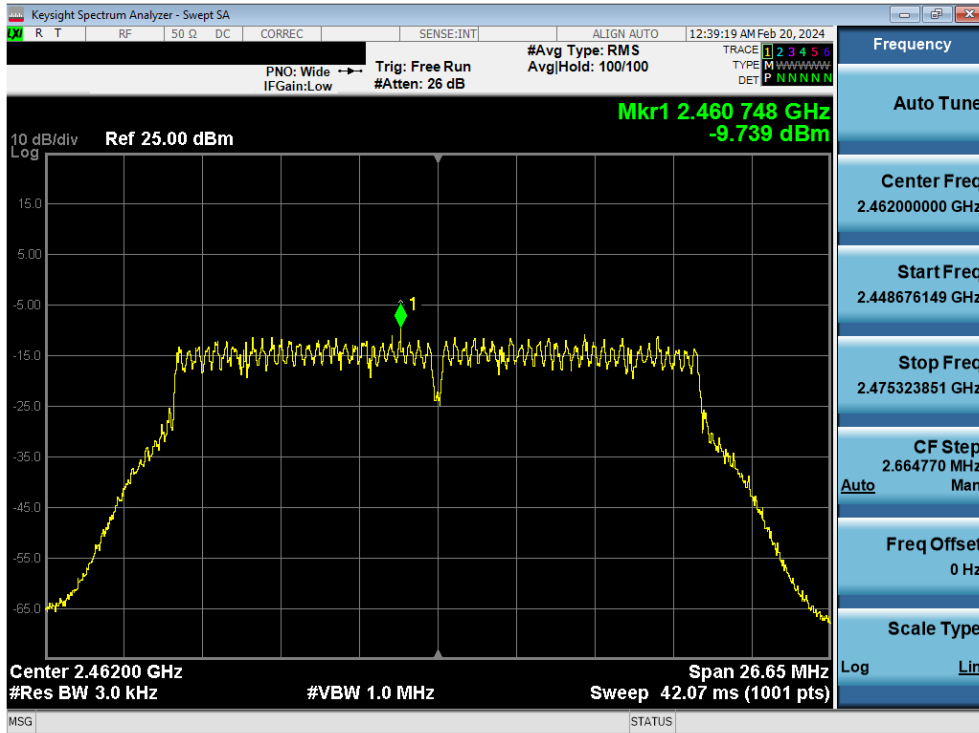


Plot 7-115. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 1) – MCS7

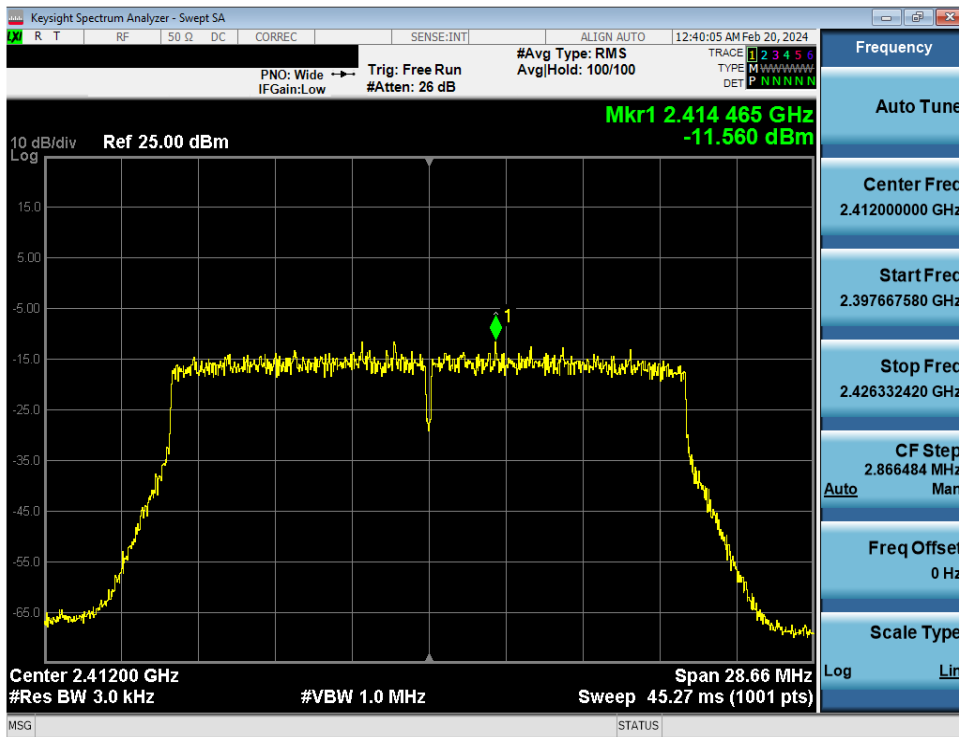


Plot 7-116. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 6) – MCS7

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 105 of 583 |

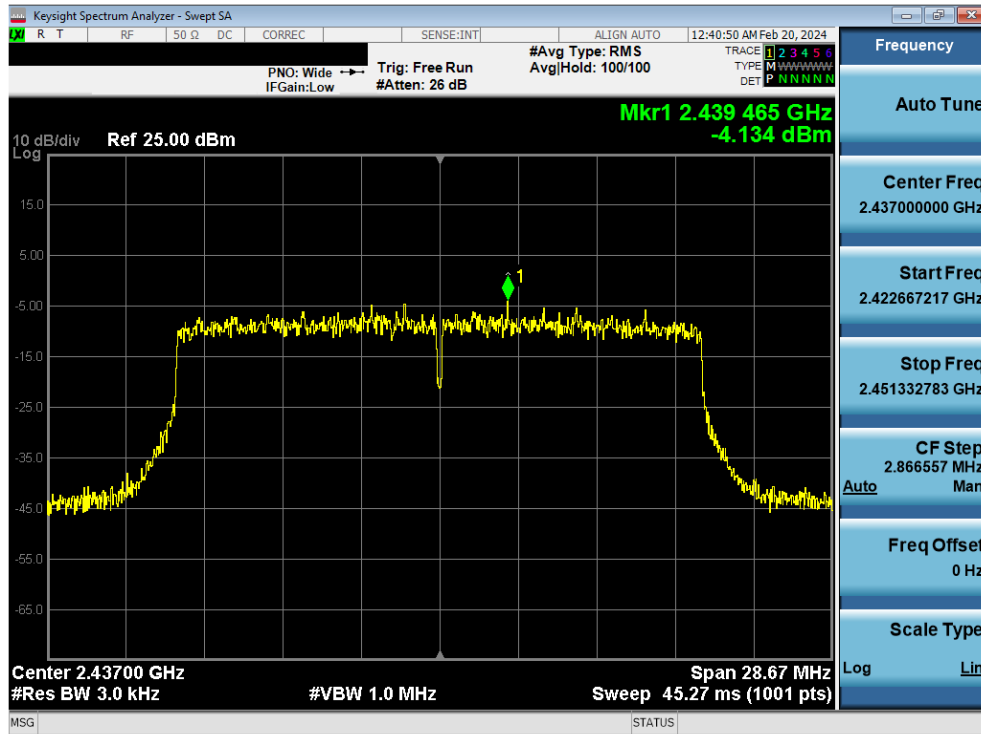


Plot 7-117. Power Spectral Density Plot Antenna WF8 (802.11n (2.4GHz) – Ch. 11) – MCS7

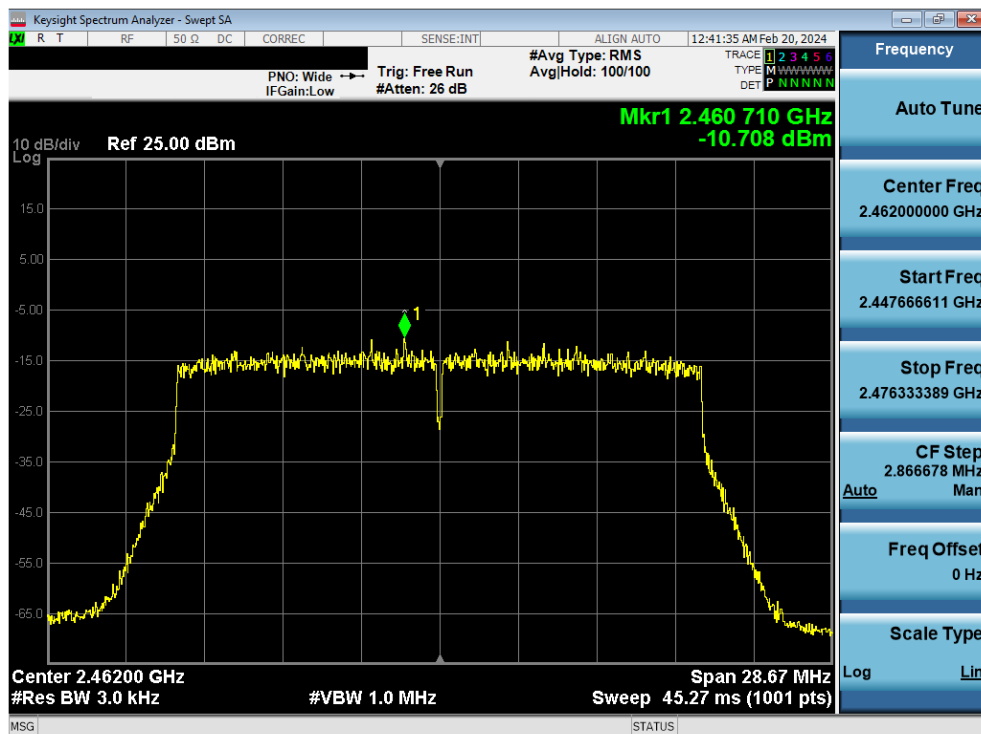


Plot 7-118. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 106 of 583 |



Plot 7-119. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS9



Plot 7-120. Power Spectral Density Plot Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 107 of 583 |

7.4.2 Antenna WF7 Power Spectral Density Measurements

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | 12 | -7.91 | 8.00 | -15.91 | Pass |
| 2437 | 6 | g | 12 | -2.51 | 8.00 | -10.51 | Pass |
| 2462 | 11 | g | 12 | -6.56 | 8.00 | -14.56 | Pass |
| 2412 | 1 | n | 19.5/21.7 (MCS2) | -9.83 | 8.00 | -17.83 | Pass |
| 2437 | 6 | n | 19.5/21.7 (MCS2) | -3.89 | 8.00 | -11.89 | Pass |
| 2462 | 11 | n | 19.5/21.7 (MCS2) | -8.04 | 8.00 | -16.04 | Pass |
| 2412 | 1 | ax (SU) | 24/25.8 (MCS2) | -11.13 | 8.00 | -19.13 | Pass |
| 2437 | 6 | ax (SU) | 24/25.8 (MCS2) | -5.02 | 8.00 | -13.02 | Pass |
| 2462 | 11 | ax (SU) | 24/25.8 (MCS2) | -10.87 | 8.00 | -18.87 | Pass |

Table 7-68. Conducted Power Density Measurements Antenna WF7 (Low Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | 24 | -9.85 | 8.00 | -17.85 | Pass |
| 2437 | 6 | g | 24 | -3.49 | 8.00 | -11.49 | Pass |
| 2462 | 11 | g | 24 | -8.43 | 8.00 | -16.43 | Pass |
| 2412 | 1 | n | 39/43.3 (MCS4) | -10.75 | 8.00 | -18.75 | Pass |
| 2437 | 6 | n | 39/43.3 (MCS4) | -3.33 | 8.00 | -11.33 | Pass |
| 2462 | 11 | n | 39/43.3 (MCS4) | -8.69 | 8.00 | -16.69 | Pass |
| 2412 | 1 | ax (SU) | 49/51.6 (MCS4) | -10.27 | 8.00 | -18.27 | Pass |
| 2437 | 6 | ax (SU) | 49/51.6 (MCS4) | -4.82 | 8.00 | -12.82 | Pass |
| 2462 | 11 | ax (SU) | 49/51.6 (MCS4) | -10.22 | 8.00 | -18.22 | Pass |

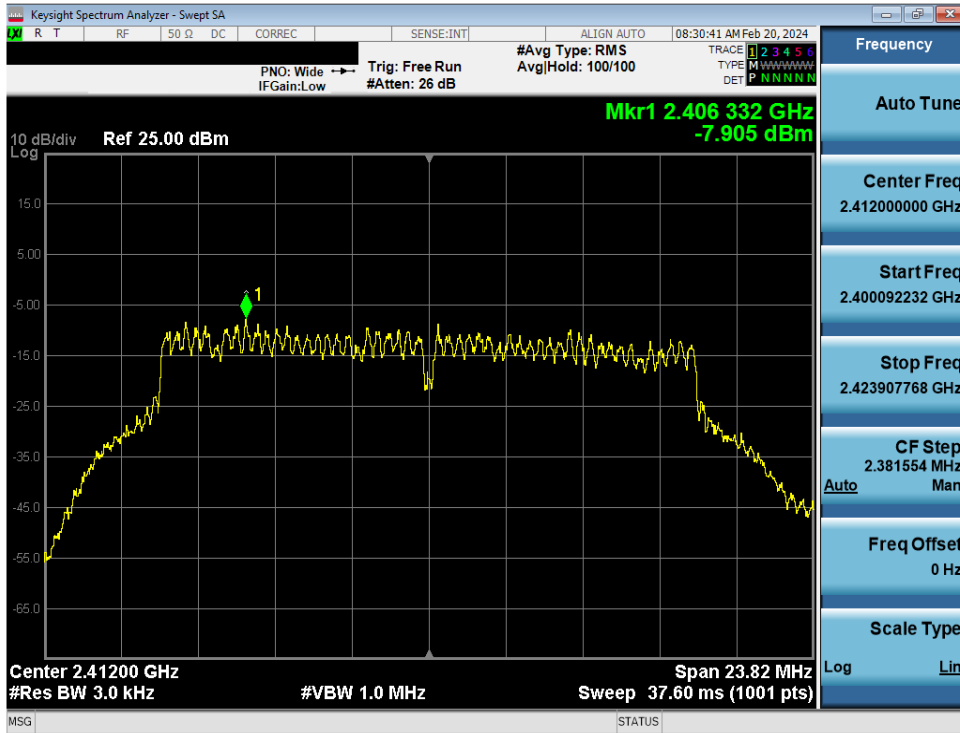
Table 7-69. Conducted Power Density Measurements Antenna WF7 (Mid Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | b | 11 | -2.68 | 8.00 | -10.68 | Pass |
| 2437 | 6 | b | 11 | -2.79 | 8.00 | -10.79 | Pass |
| 2462 | 11 | b | 11 | -2.09 | 8.00 | -10.09 | Pass |
| 2412 | 1 | g | 54 | -10.10 | 8.00 | -18.10 | Pass |
| 2437 | 6 | g | 54 | -3.98 | 8.00 | -11.98 | Pass |
| 2462 | 11 | g | 54 | -10.47 | 8.00 | -18.47 | Pass |
| 2412 | 1 | n | 65/72.2 (MCS7) | -9.90 | 8.00 | -17.90 | Pass |
| 2437 | 6 | n | 65/72.2 (MCS7) | -3.78 | 8.00 | -11.78 | Pass |
| 2462 | 11 | n | 65/72.2 (MCS7) | -9.97 | 8.00 | -17.97 | Pass |
| 2412 | 1 | ax (SU) | 81/86 (MCS9) | -11.54 | 8.00 | -19.54 | Pass |
| 2437 | 6 | ax (SU) | 81/86 (MCS9) | -3.83 | 8.00 | -11.83 | Pass |
| 2462 | 11 | ax (SU) | 81/86 (MCS9) | -10.29 | 8.00 | -18.29 | Pass |

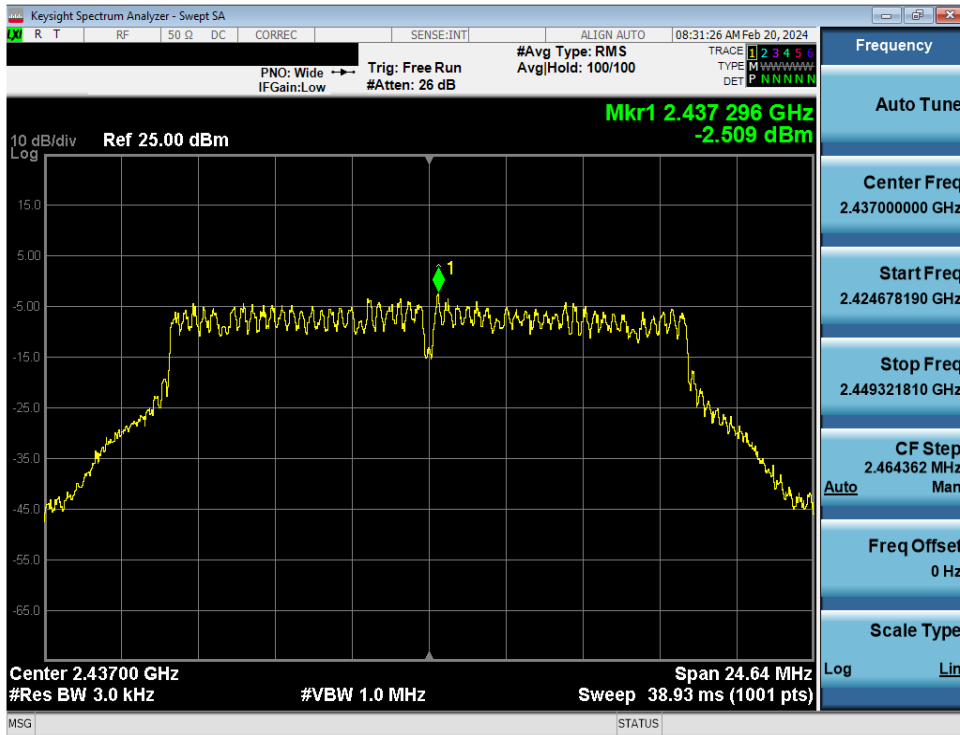
Table 7-70. Conducted Power Density Measurements Antenna WF7 (High Data Rate)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 108 of 583 |

Low Rate

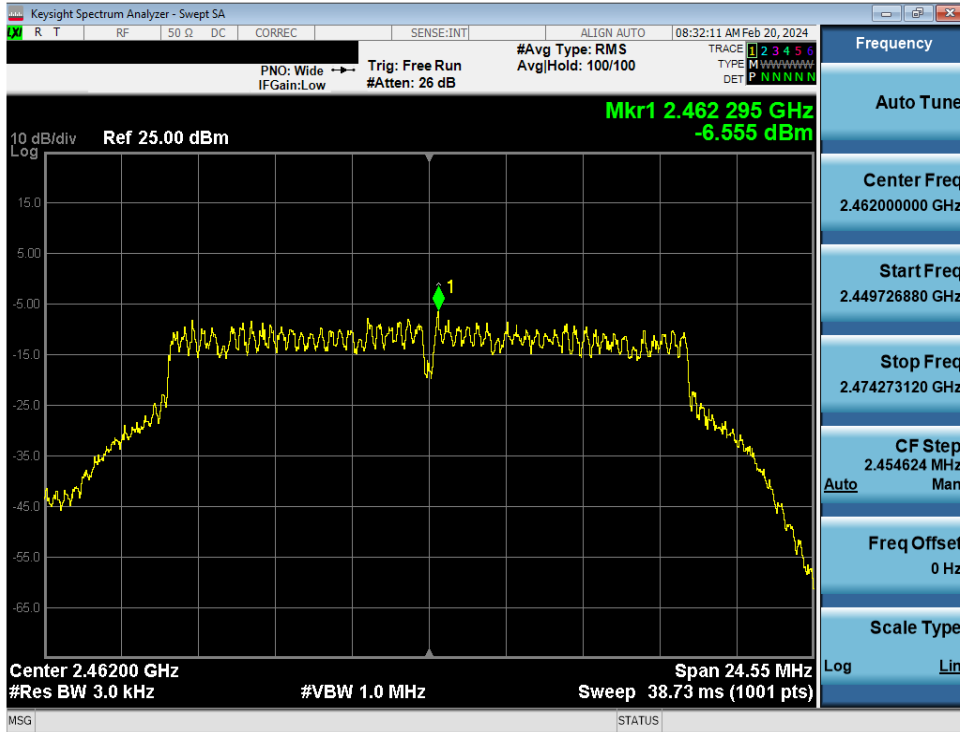


Plot 7-121. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 1) – 6Mbps

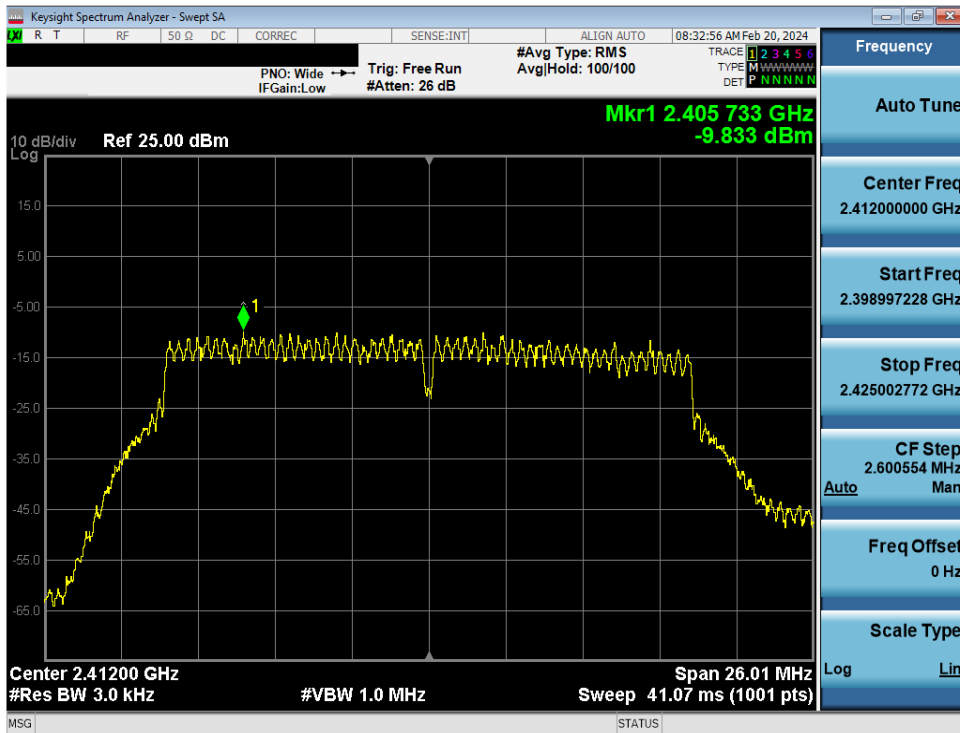


Plot 7-122. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 6) – 6Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 109 of 583 |

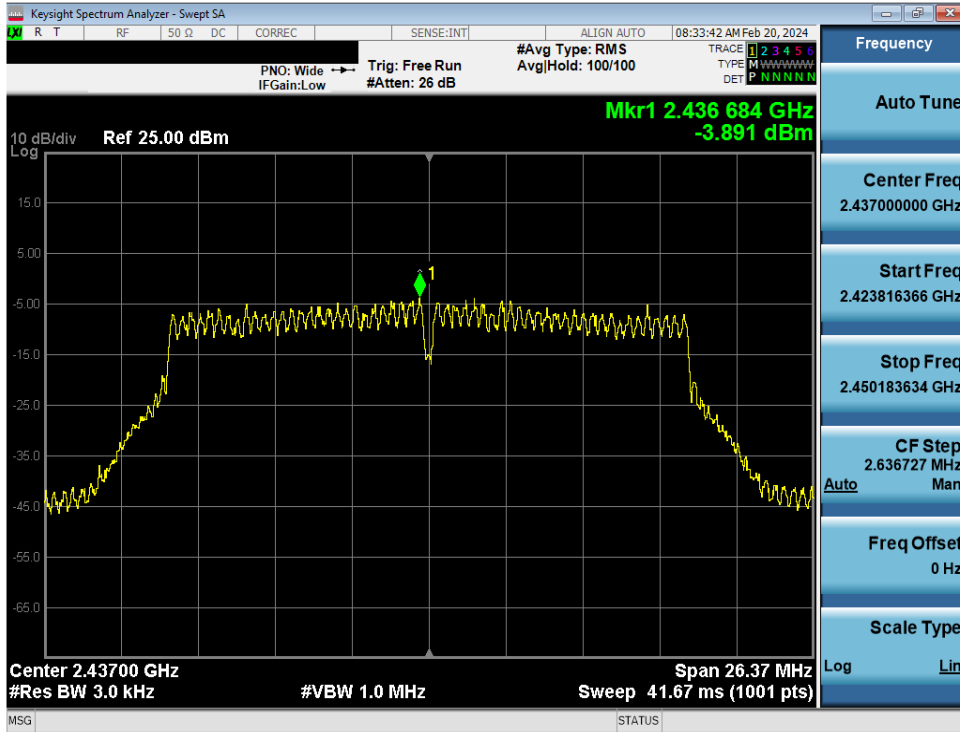


Plot 7-123. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 11) – 6Mbps

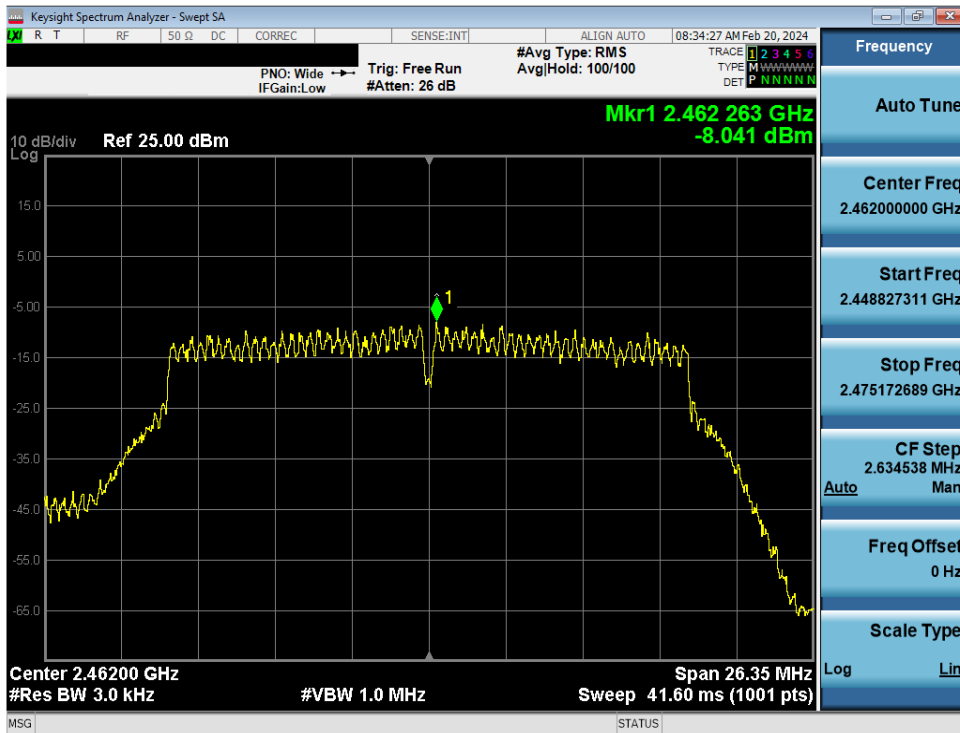


Plot 7-124. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 1) – MCS2

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 110 of 583 |

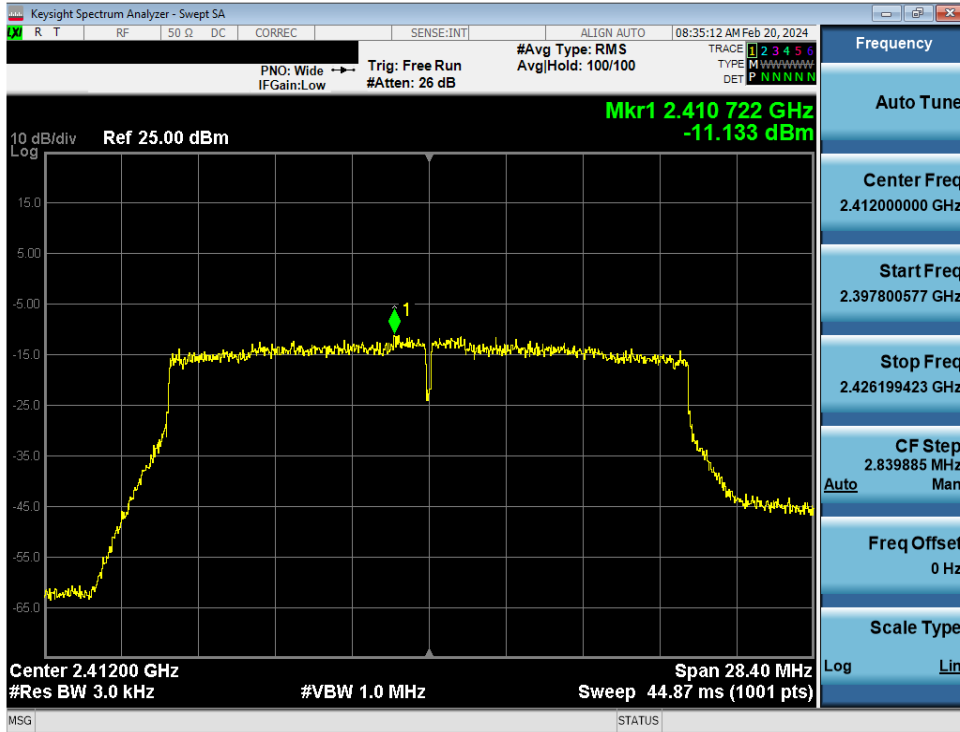


Plot 7-125. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6) – MCS2

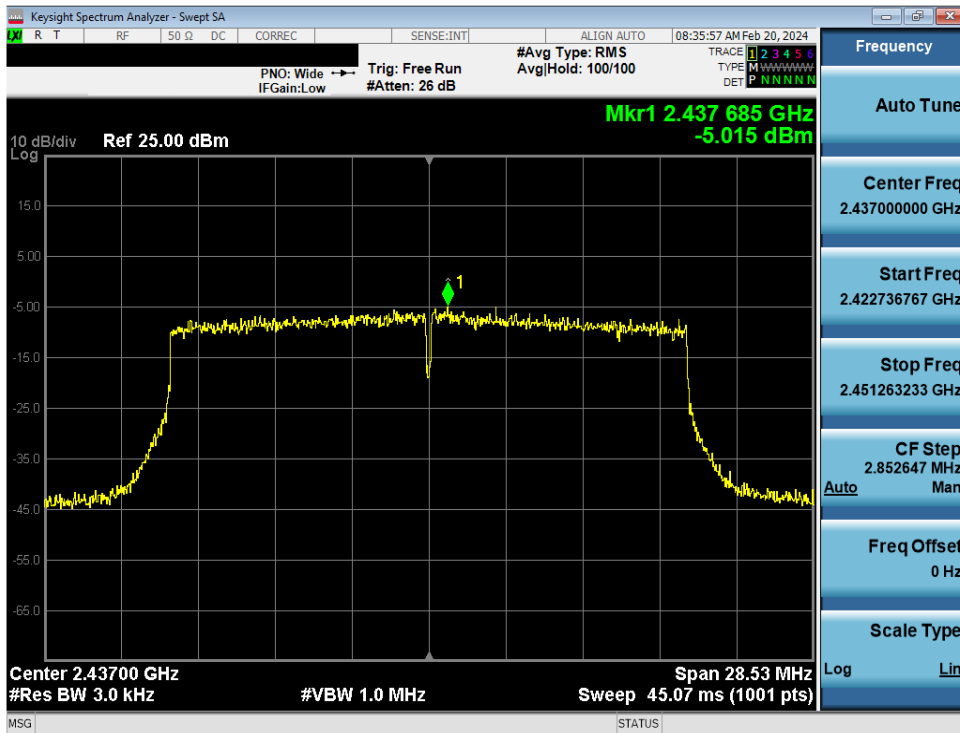


Plot 7-126. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS2

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 111 of 583 |

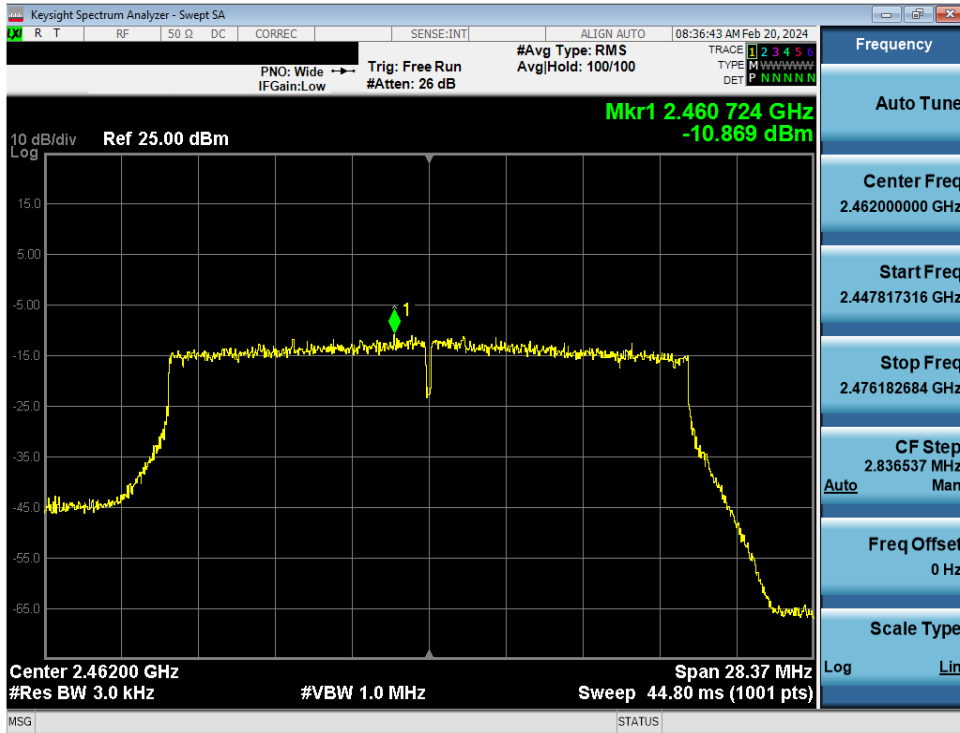


Plot 7-127. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2



Plot 7-128. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

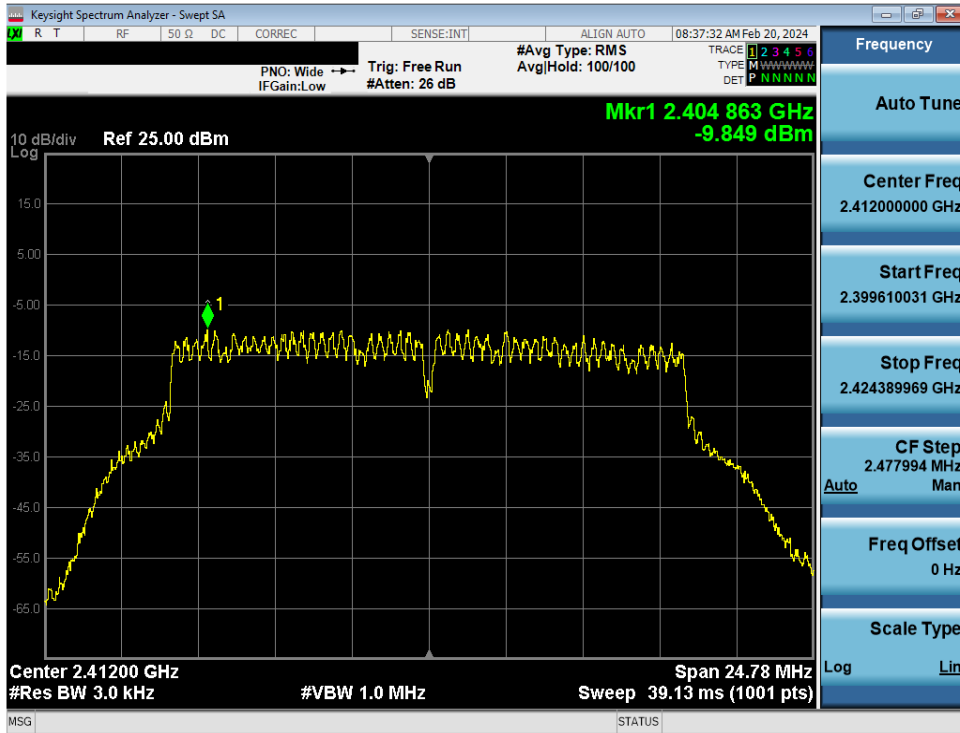
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 112 of 583 |



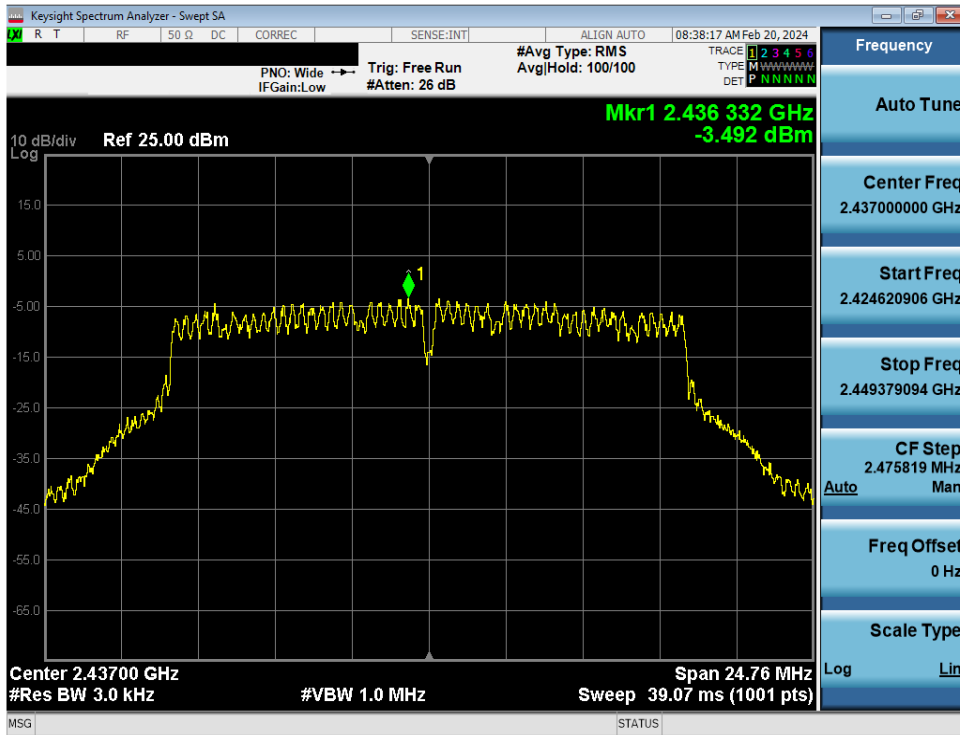
Plot 7-129. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 113 of 583 |

Mid Rate

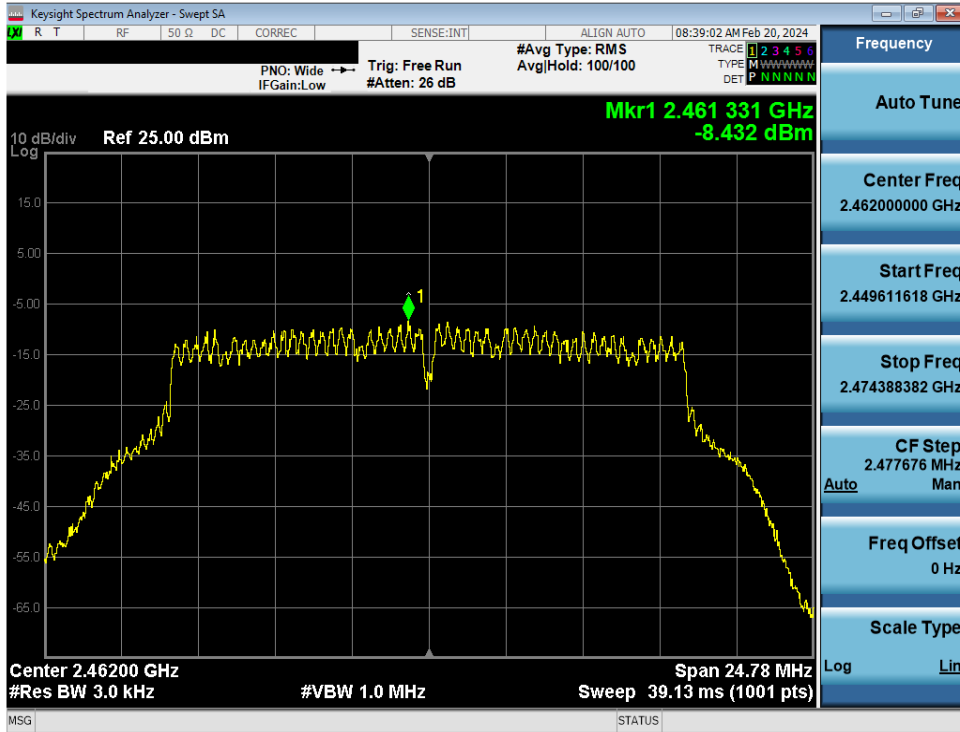


Plot 7-130. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 1) – 24Mbps

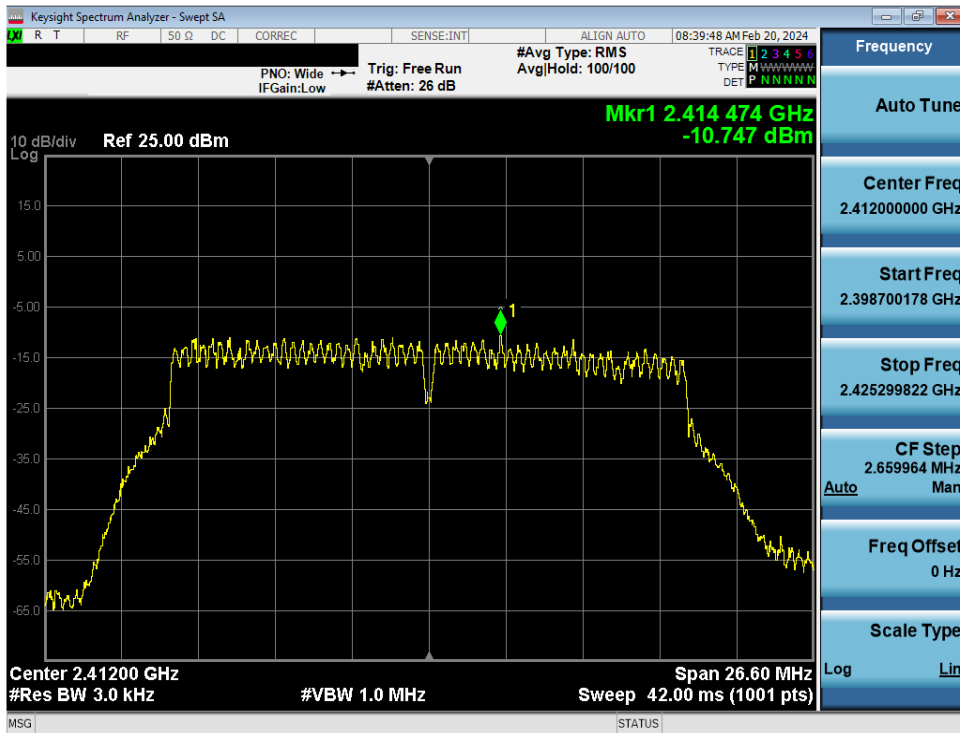


Plot 7-131. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 6) – 24Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 114 of 583 |

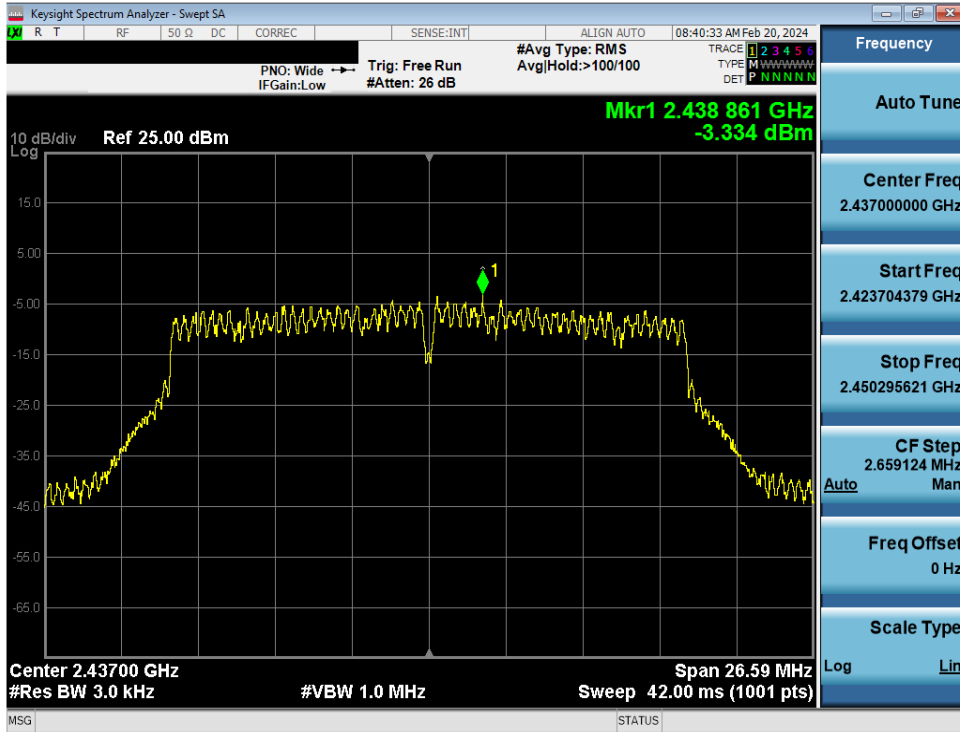


Plot 7-132. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 11) – 24Mbps

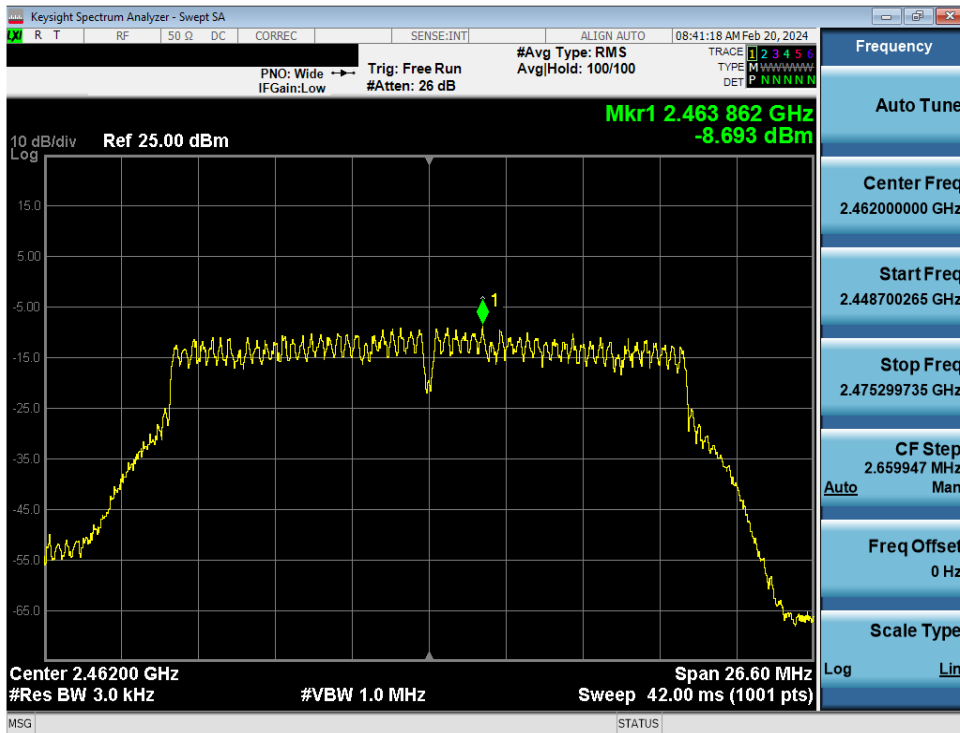


Plot 7-133. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 1) – MCS4

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 115 of 583 |

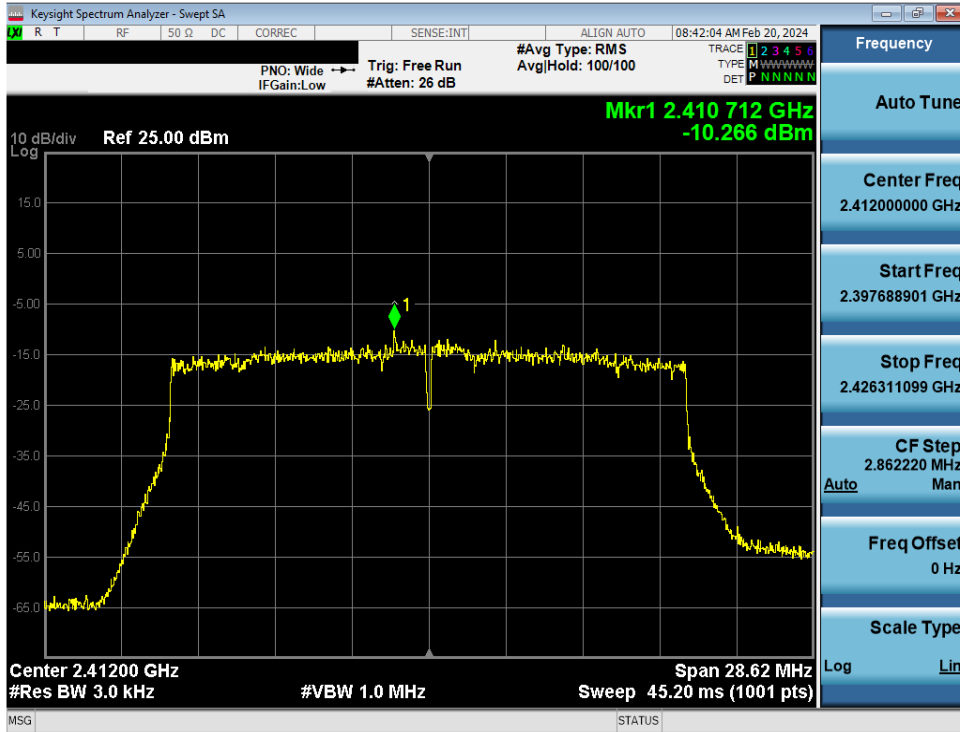


Plot 7-134. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6) – MCS4

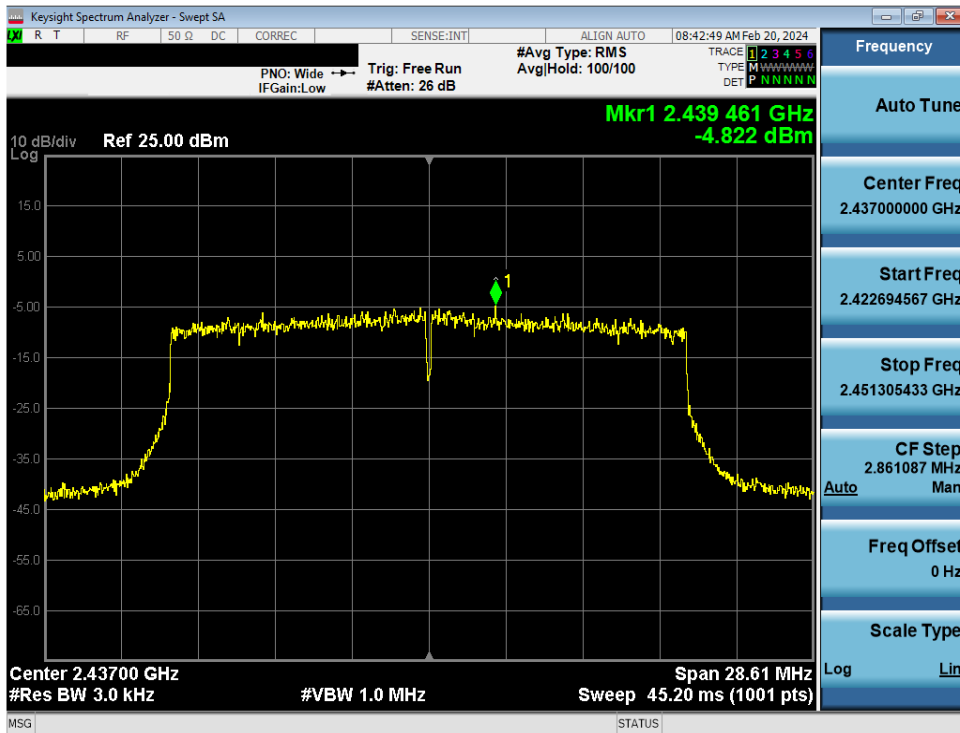


Plot 7-135. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS4

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 116 of 583 |

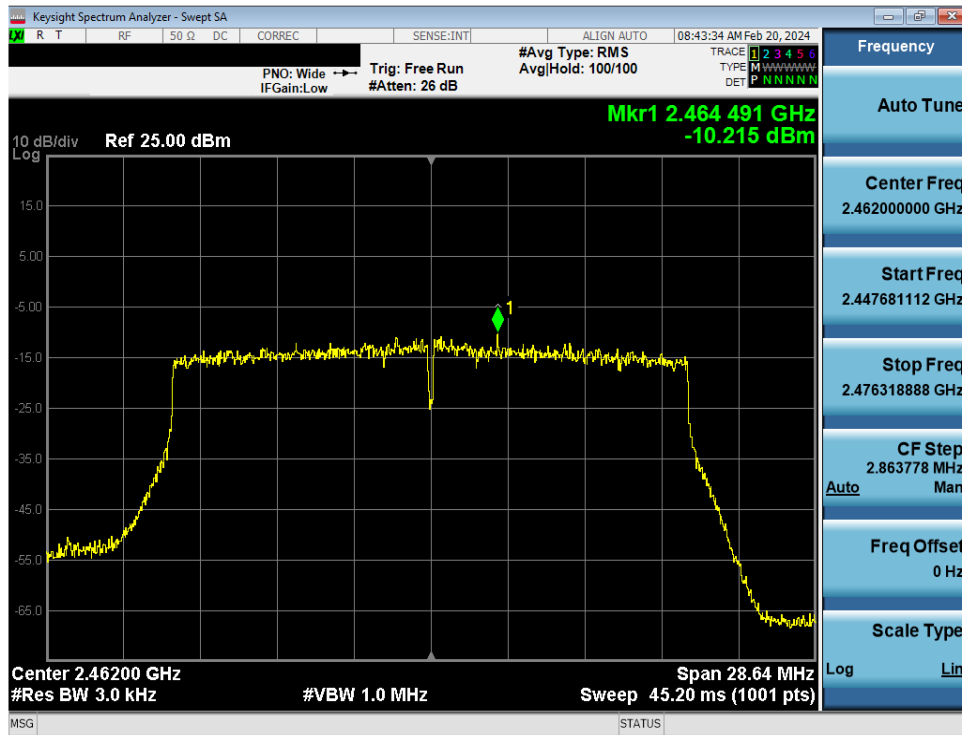


Plot 7-136. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4



Plot 7-137. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

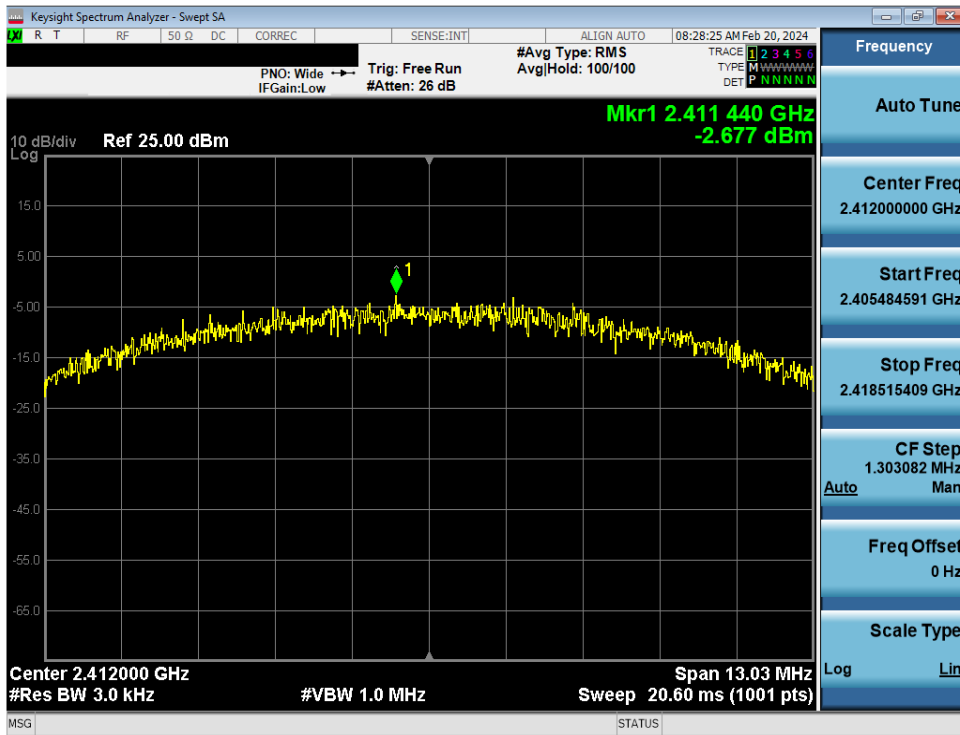
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 117 of 583 |



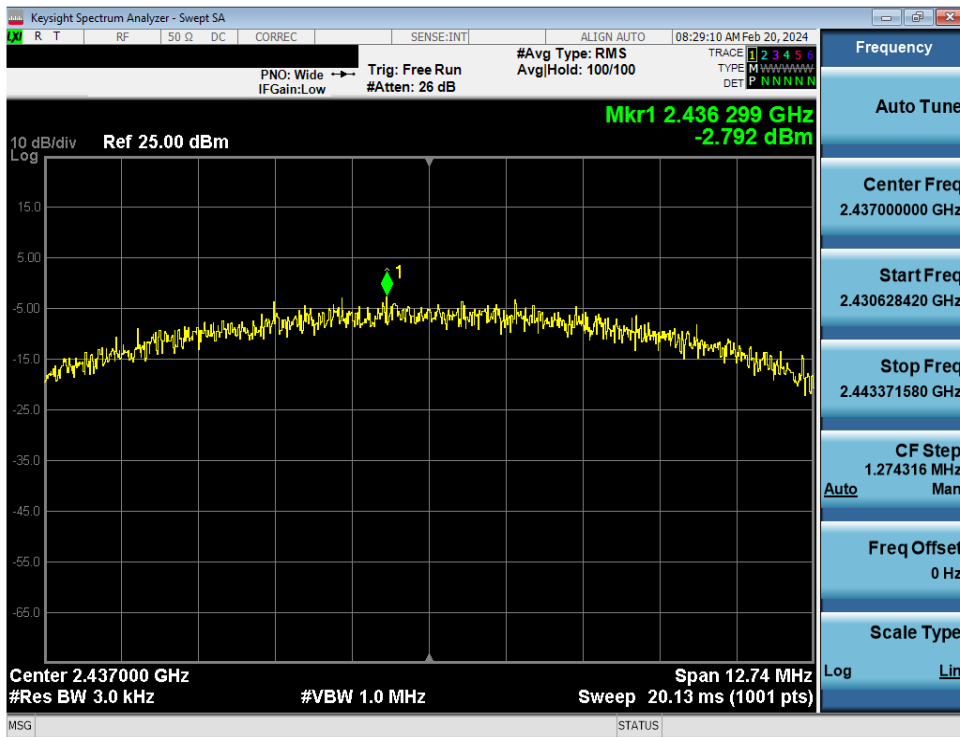
Plot 7-138. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 118 of 583 |

High Rate

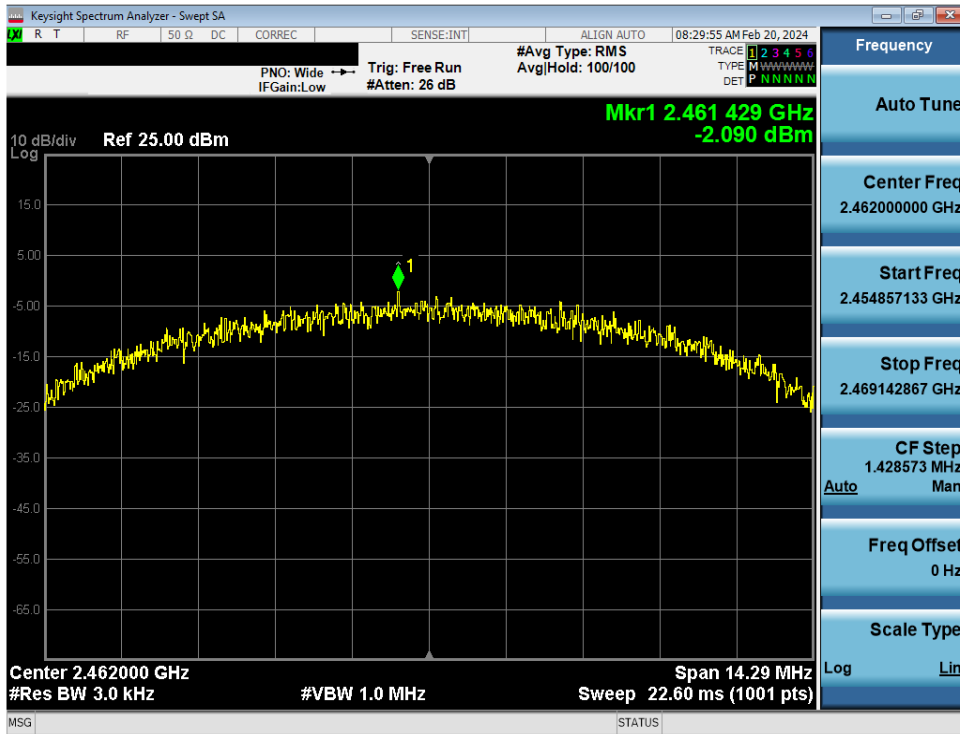


Plot 7-139. Power Spectral Density Plot Antenna WF7 (802.11b – Ch. 1) – 11Mbps

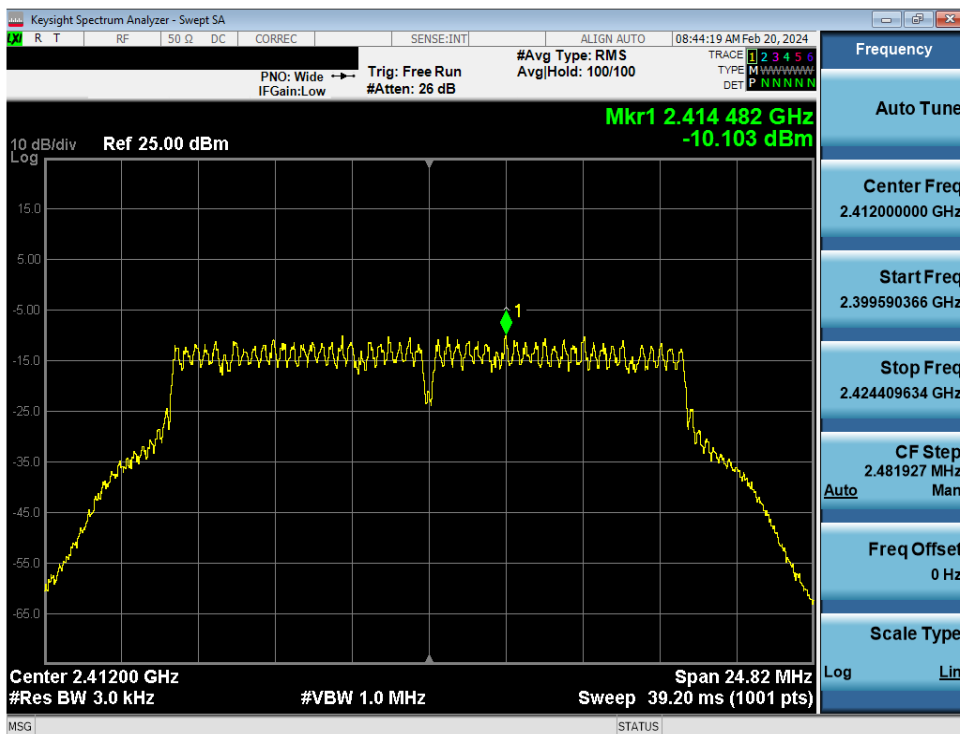


Plot 7-140. Power Spectral Density Plot Antenna WF7 (802.11b – Ch. 6) – 11Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 119 of 583 |

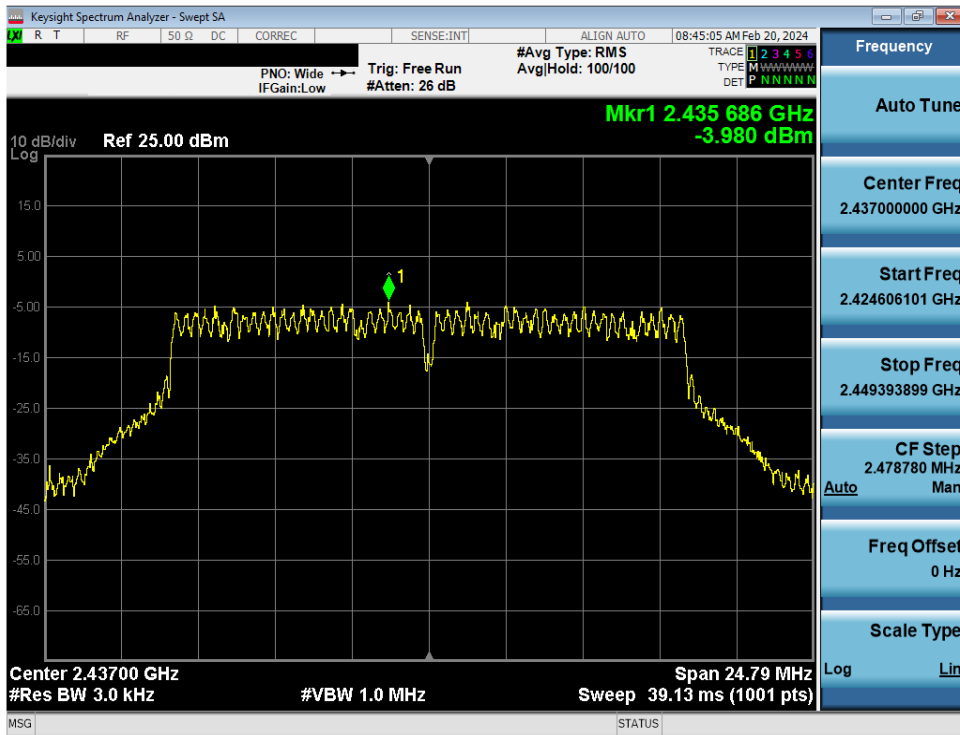


Plot 7-141. Power Spectral Density Plot Antenna WF7 (802.11b – Ch. 11) – 11Mbps

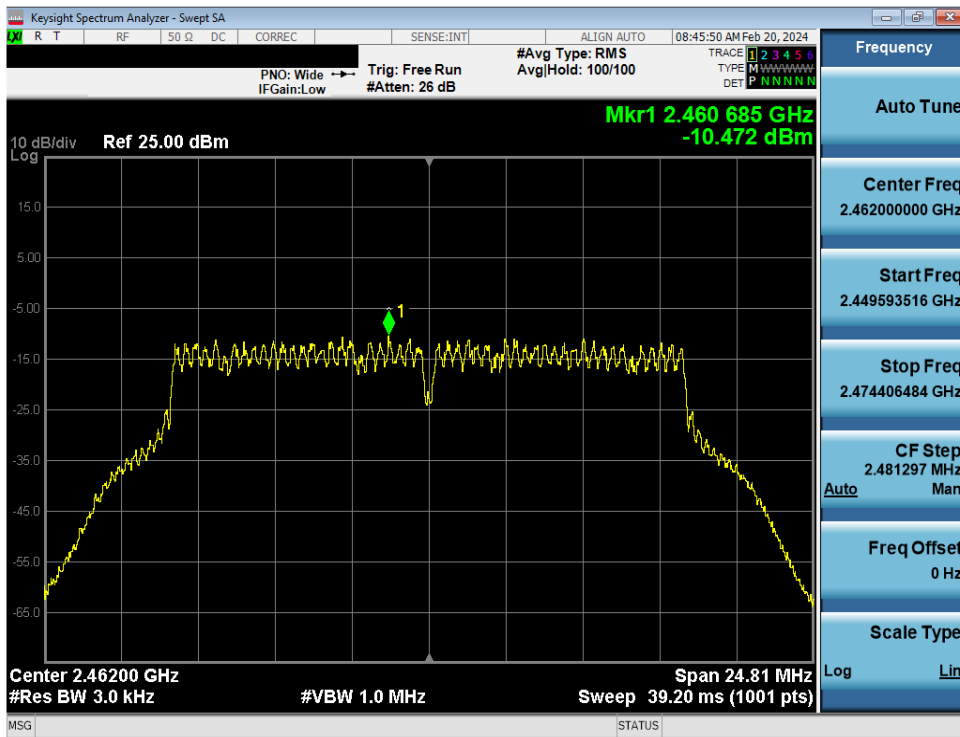


Plot 7-142. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 1) – 54Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 120 of 583 |

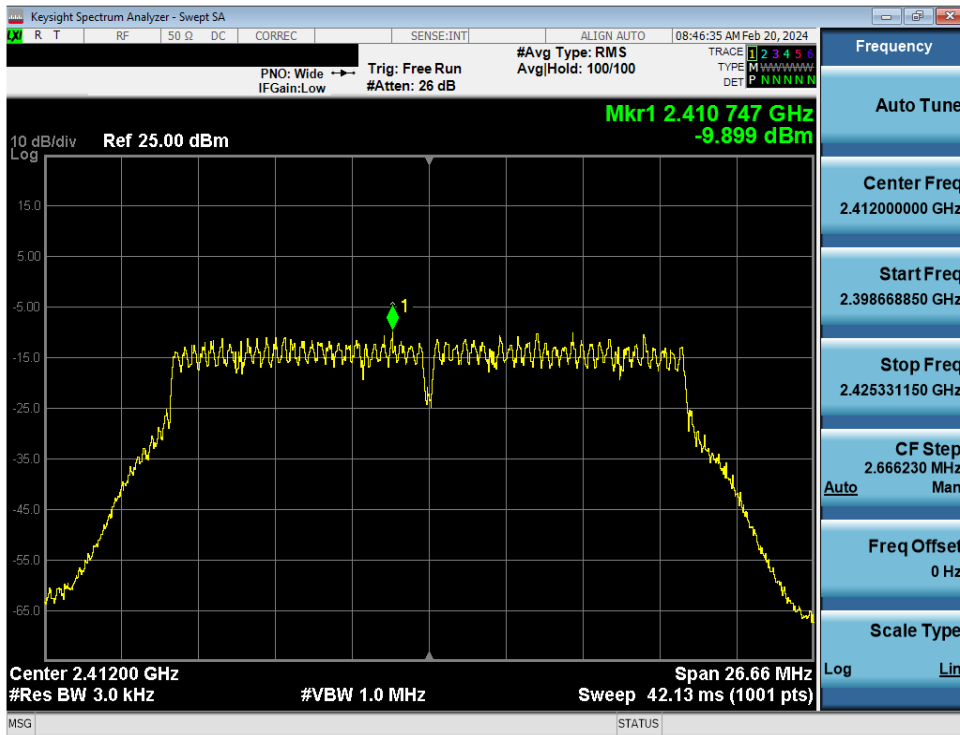


Plot 7-143. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 6) – 54Mbps

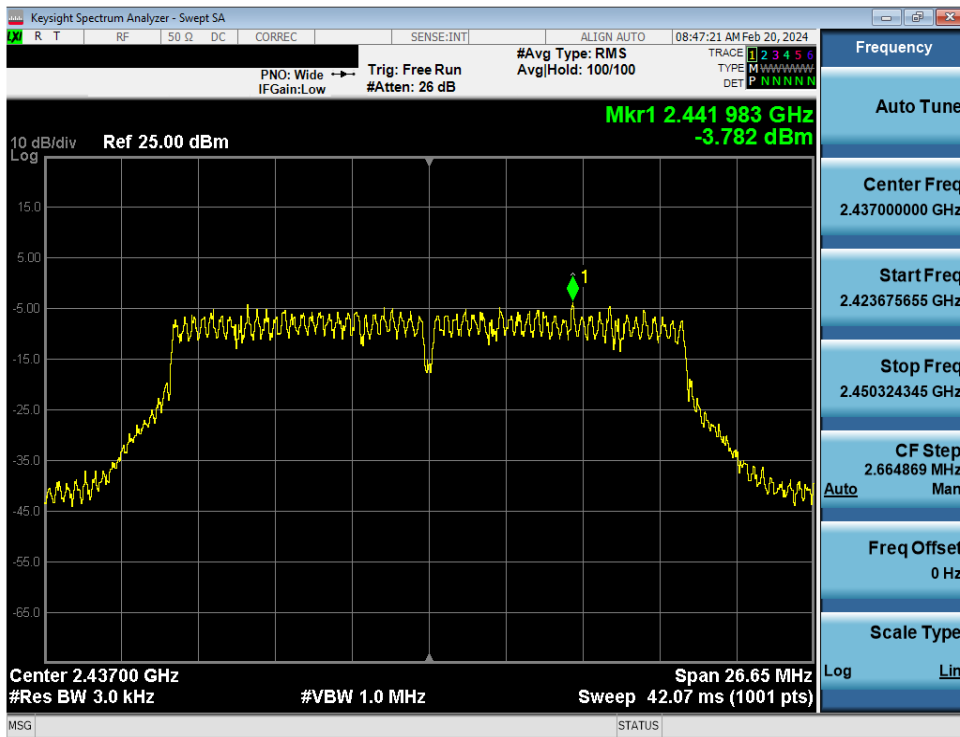


Plot 7-144. Power Spectral Density Plot Antenna WF7 (802.11g – Ch. 11) – 54Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 121 of 583 |

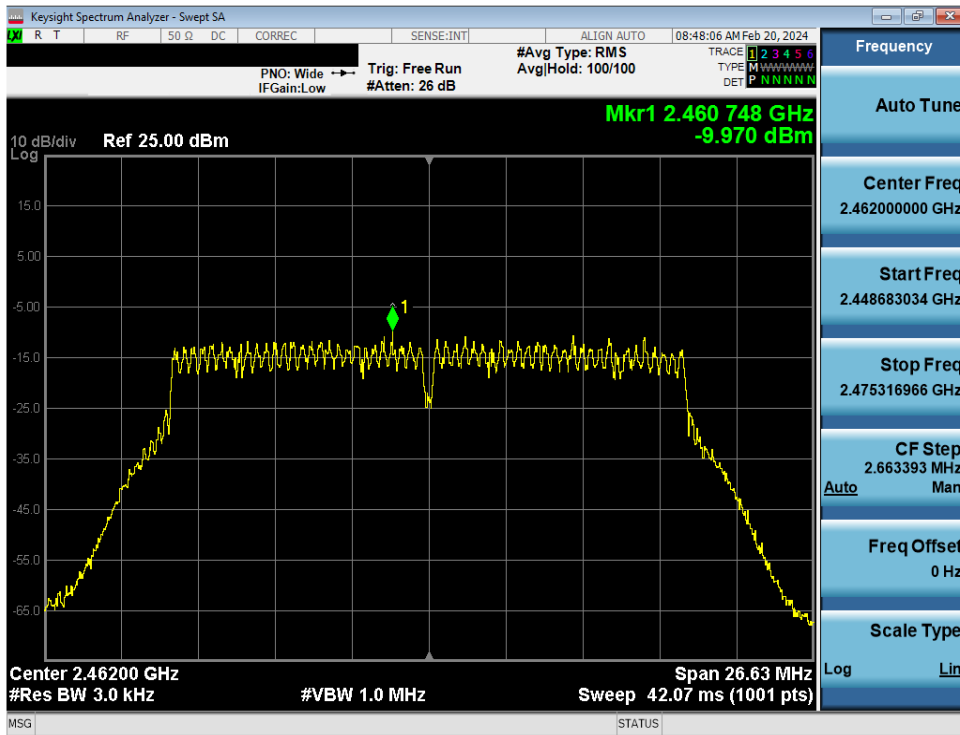


Plot 7-145. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 1) – MCS7

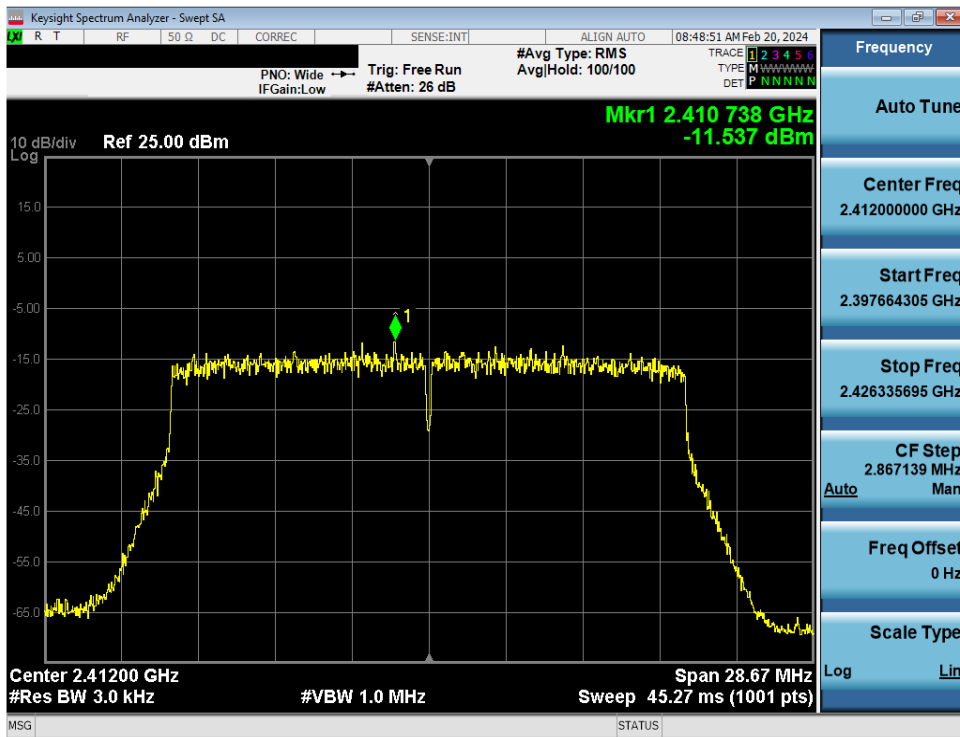


Plot 7-146. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6) – MCS7

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 122 of 583 |

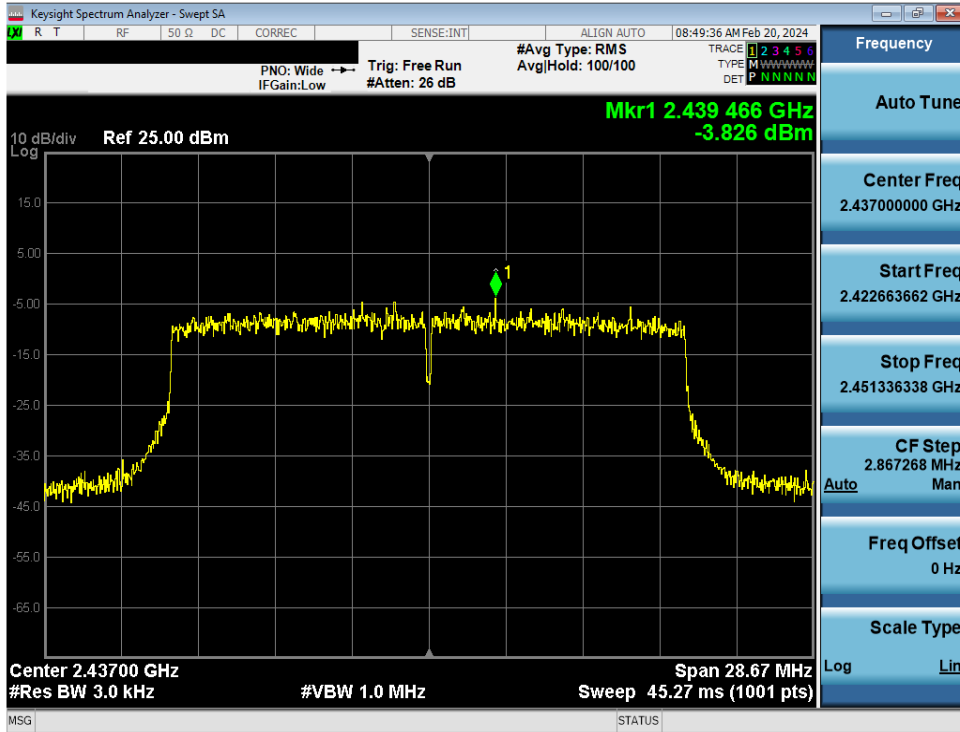


Plot 7-147. Power Spectral Density Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS7

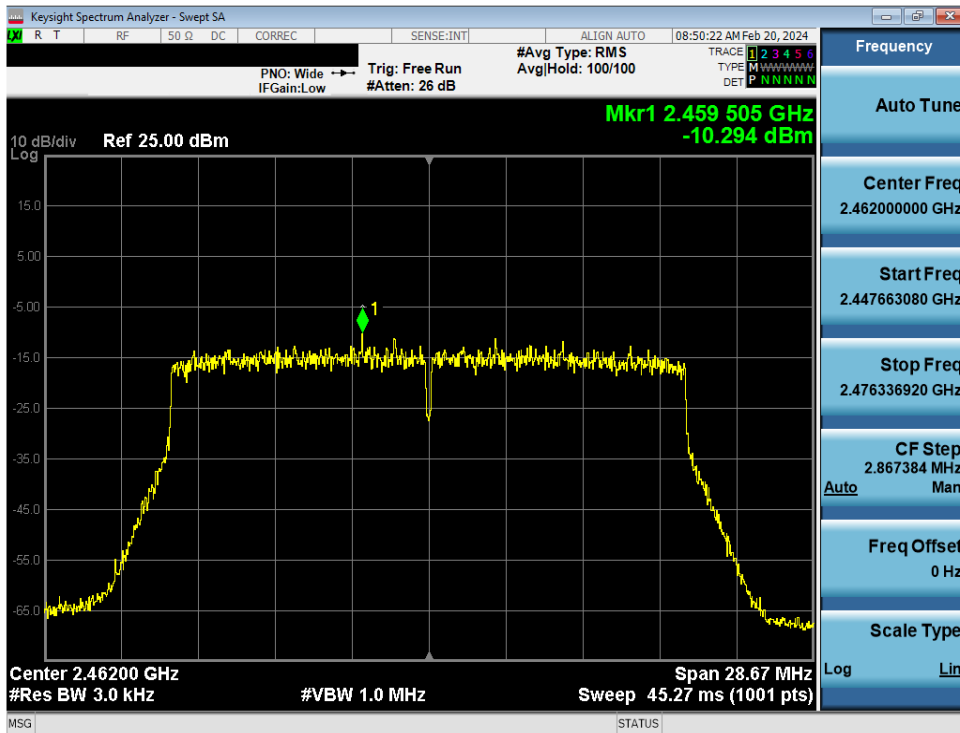


Plot 7-148. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 123 of 583 |



Plot 7-149. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS9



Plot 7-150. Power Spectral Density Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 124 of 583 |

7.4.3 Antenna WF9 Power Spectral Density Measurements

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | 12 | -8.10 | 8.00 | -16.10 | Pass |
| 2437 | 6 | g | 12 | -1.87 | 8.00 | -9.87 | Pass |
| 2462 | 11 | g | 12 | -7.79 | 8.00 | -15.79 | Pass |
| 2412 | 1 | n | 19.5/21.7 (MCS2) | -9.90 | 8.00 | -17.90 | Pass |
| 2437 | 6 | n | 19.5/21.7 (MCS2) | -3.12 | 8.00 | -11.12 | Pass |
| 2462 | 11 | n | 19.5/21.7 (MCS2) | -8.55 | 8.00 | -16.55 | Pass |
| 2412 | 1 | ax (SU) | 24/25.8 (MCS2) | -10.16 | 8.00 | -18.16 | Pass |
| 2437 | 6 | ax (SU) | 24/25.8 (MCS2) | -5.07 | 8.00 | -13.07 | Pass |
| 2462 | 11 | ax (SU) | 24/25.8 (MCS2) | -11.46 | 8.00 | -19.46 | Pass |

Table 7-71. Conducted Power Density Measurements Antenna WF9 (Low Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | 24 | -9.60 | 8.00 | -17.60 | Pass |
| 2437 | 6 | g | 24 | -2.88 | 8.00 | -10.88 | Pass |
| 2462 | 11 | g | 24 | -8.46 | 8.00 | -16.46 | Pass |
| 2412 | 1 | n | 39/43.3 (MCS4) | -10.58 | 8.00 | -18.58 | Pass |
| 2437 | 6 | n | 39/43.3 (MCS4) | -3.57 | 8.00 | -11.57 | Pass |
| 2462 | 11 | n | 39/43.3 (MCS4) | -9.15 | 8.00 | -17.15 | Pass |
| 2412 | 1 | ax (SU) | 49/51.6 (MCS4) | -10.31 | 8.00 | -18.31 | Pass |
| 2437 | 6 | ax (SU) | 49/51.6 (MCS4) | -4.25 | 8.00 | -12.25 | Pass |
| 2462 | 11 | ax (SU) | 49/51.6 (MCS4) | -10.18 | 8.00 | -18.18 | Pass |

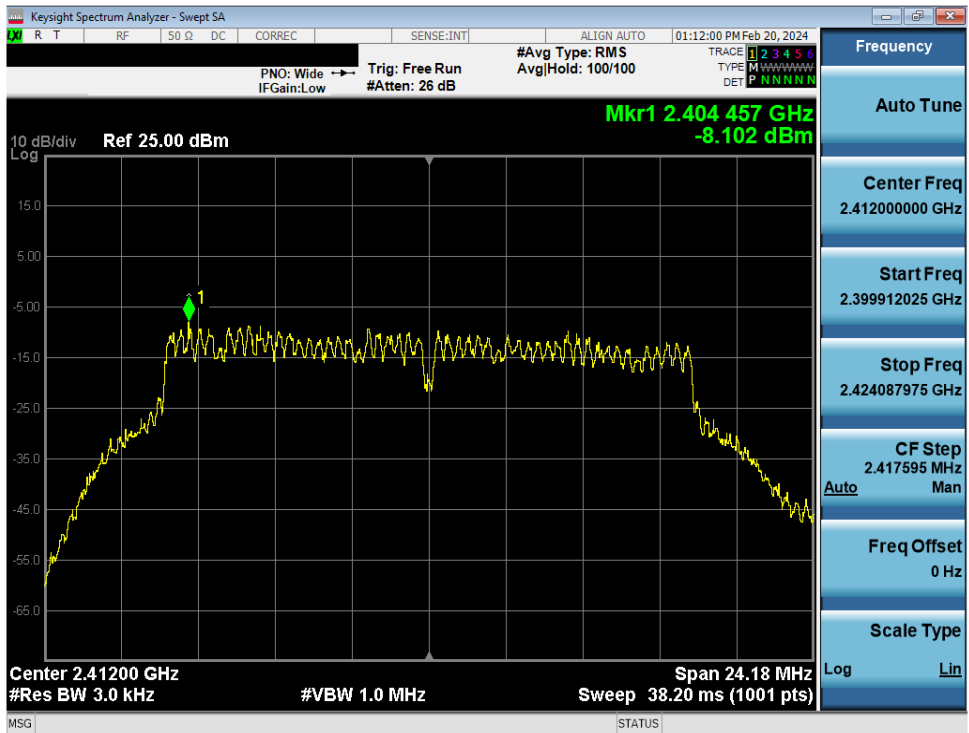
Table 7-72. Conducted Power Density Measurements Antenna WF9 (Mid Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Data Rate [Mbps] | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------------------|-----------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | b | 11 | -2.46 | 8.00 | -10.46 | Pass |
| 2437 | 6 | b | 11 | -2.44 | 8.00 | -10.44 | Pass |
| 2462 | 11 | b | 11 | -2.11 | 8.00 | -10.11 | Pass |
| 2412 | 1 | g | 54 | -10.21 | 8.00 | -18.21 | Pass |
| 2437 | 6 | g | 54 | -3.35 | 8.00 | -11.35 | Pass |
| 2462 | 11 | g | 54 | -9.95 | 8.00 | -17.95 | Pass |
| 2412 | 1 | n | 65/72.2 (MCS7) | -10.42 | 8.00 | -18.42 | Pass |
| 2437 | 6 | n | 65/72.2 (MCS7) | -3.94 | 8.00 | -11.94 | Pass |
| 2462 | 11 | n | 65/72.2 (MCS7) | -9.60 | 8.00 | -17.60 | Pass |
| 2412 | 1 | ax (SU) | 81/86 (MCS9) | -10.87 | 8.00 | -18.87 | Pass |
| 2437 | 6 | ax (SU) | 81/86 (MCS9) | -3.69 | 8.00 | -11.69 | Pass |
| 2462 | 11 | ax (SU) | 81/86 (MCS9) | -10.61 | 8.00 | -18.61 | Pass |

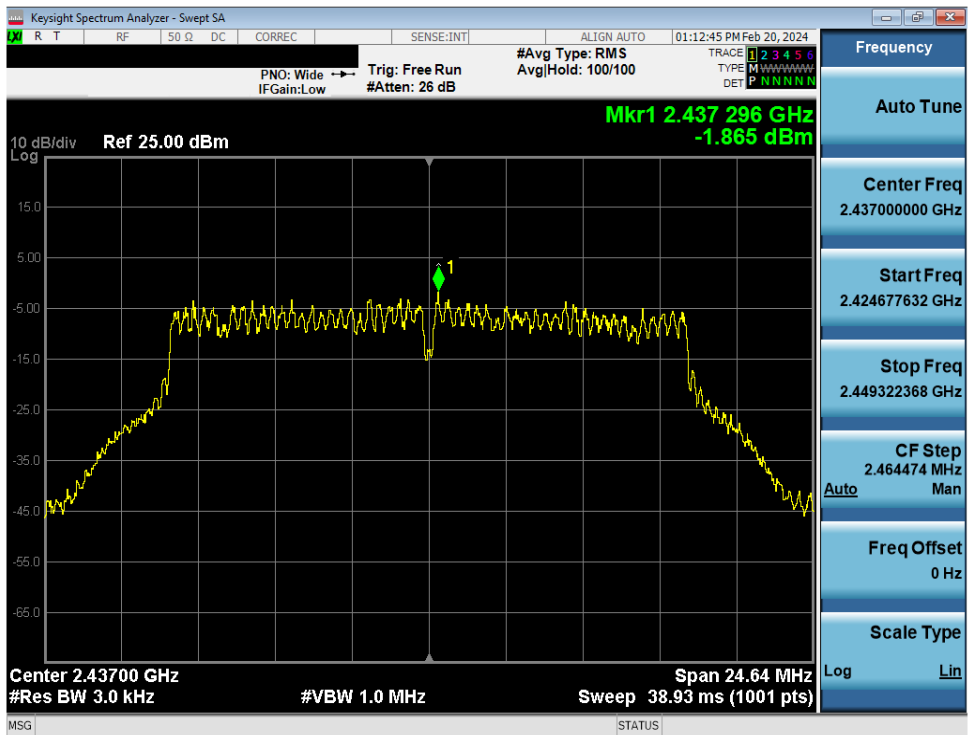
Table 7-73. Conducted Power Density Measurements Antenna WF9 (High Data Rate)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 125 of 583 |

Low Rate

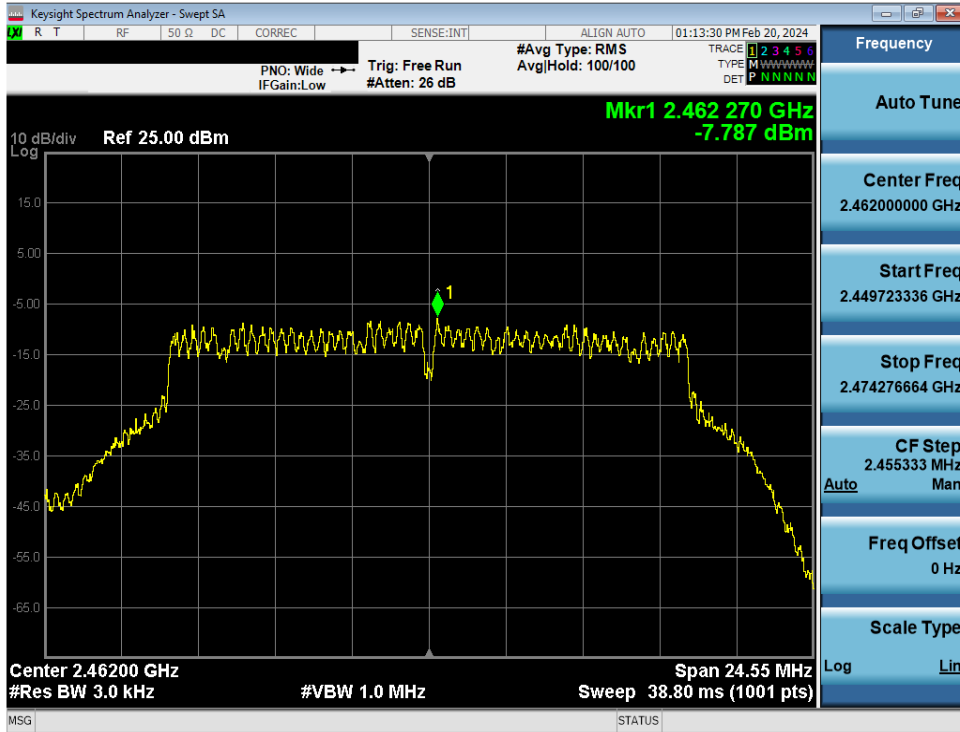


Plot 7-151. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 1) – 6Mbps

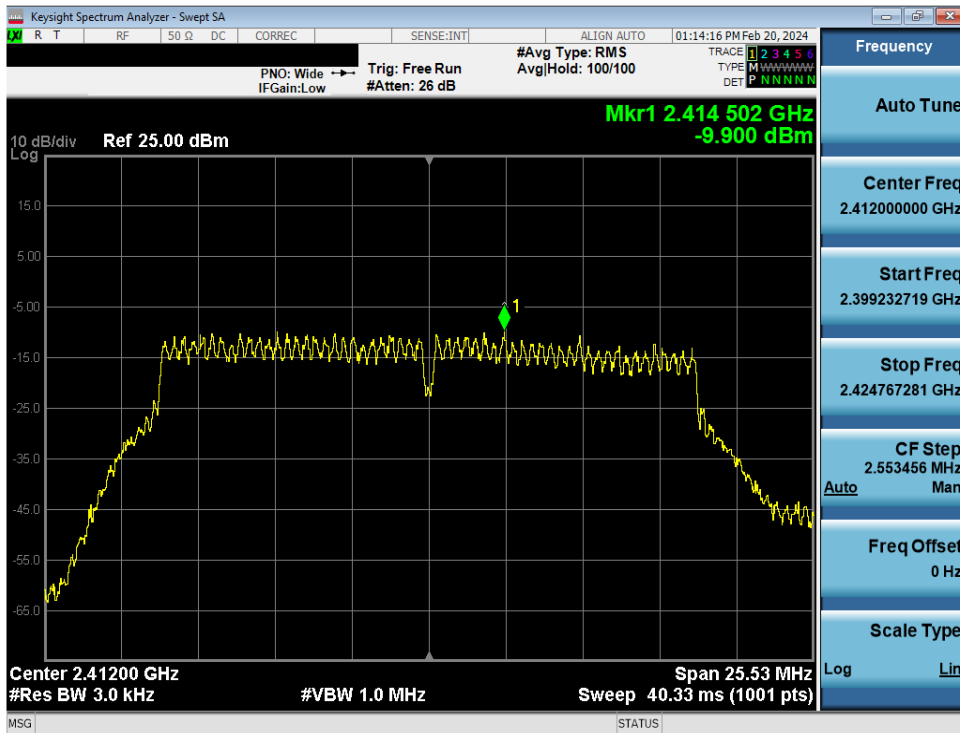


Plot 7-152. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 6) – 6Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 126 of 583 |

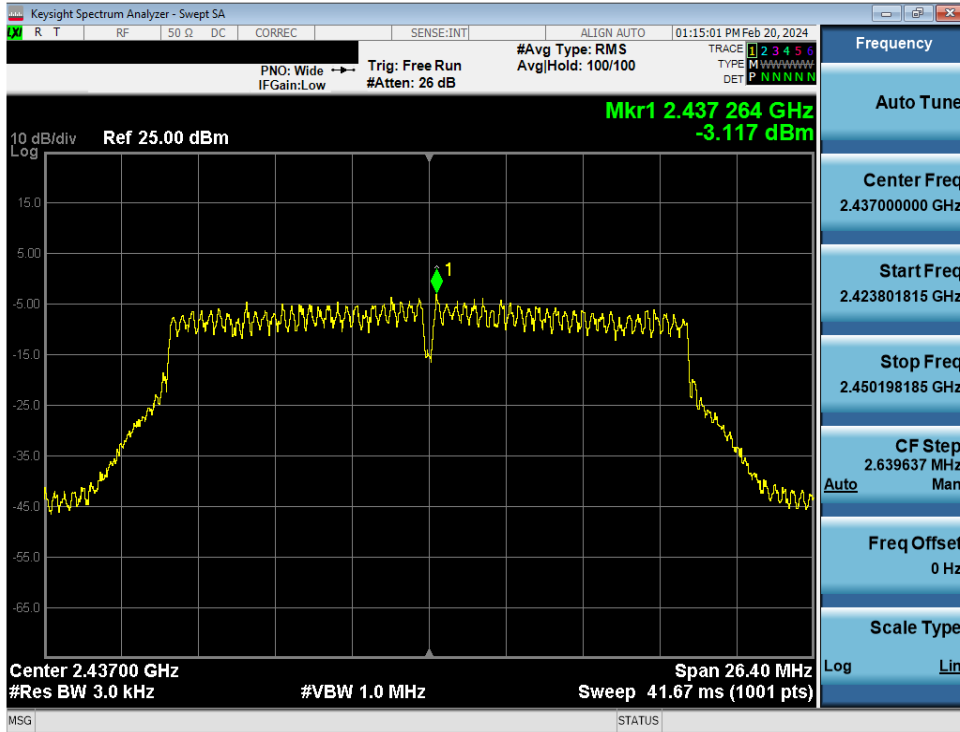


Plot 7-153. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 11) – 6Mbps

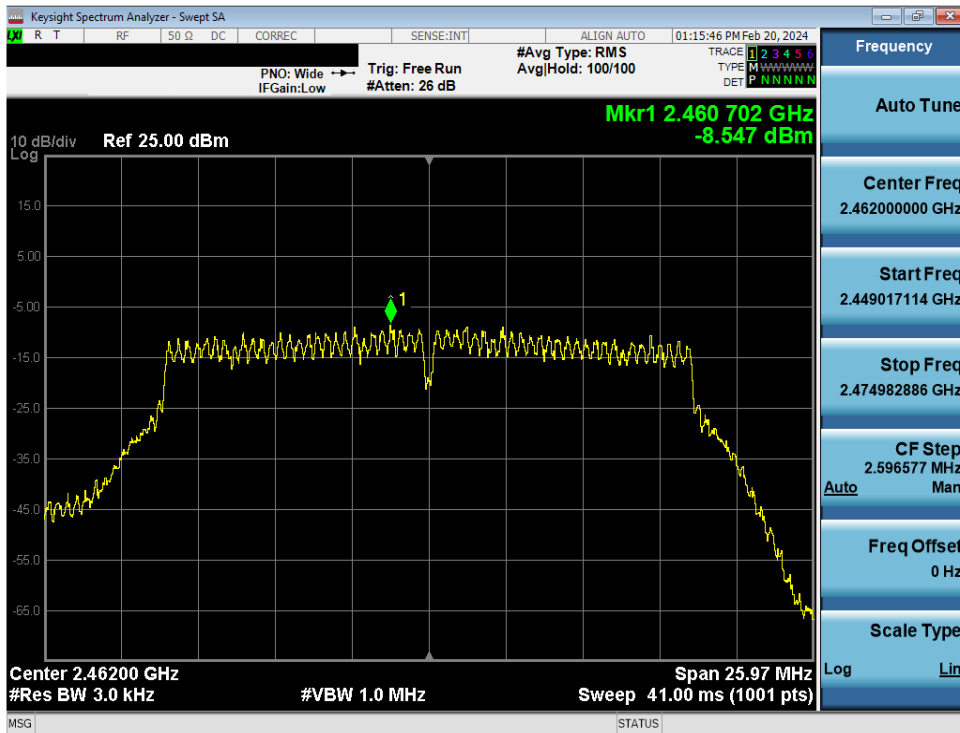


Plot 7-154. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 1) – MCS2

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 127 of 583 |

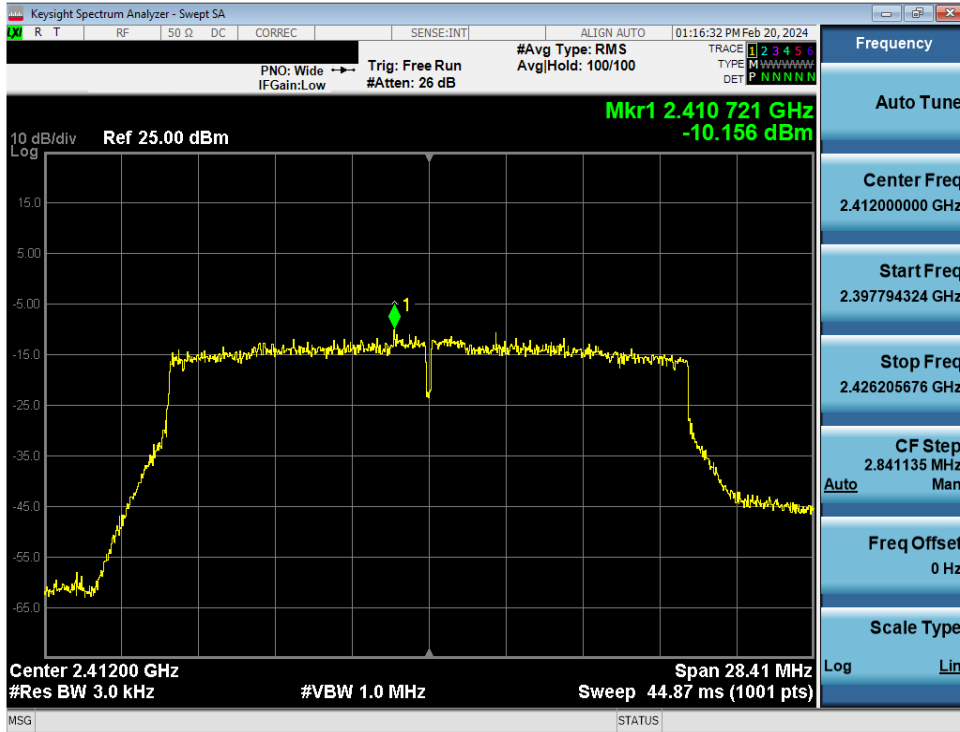


Plot 7-155. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 6) – MCS2

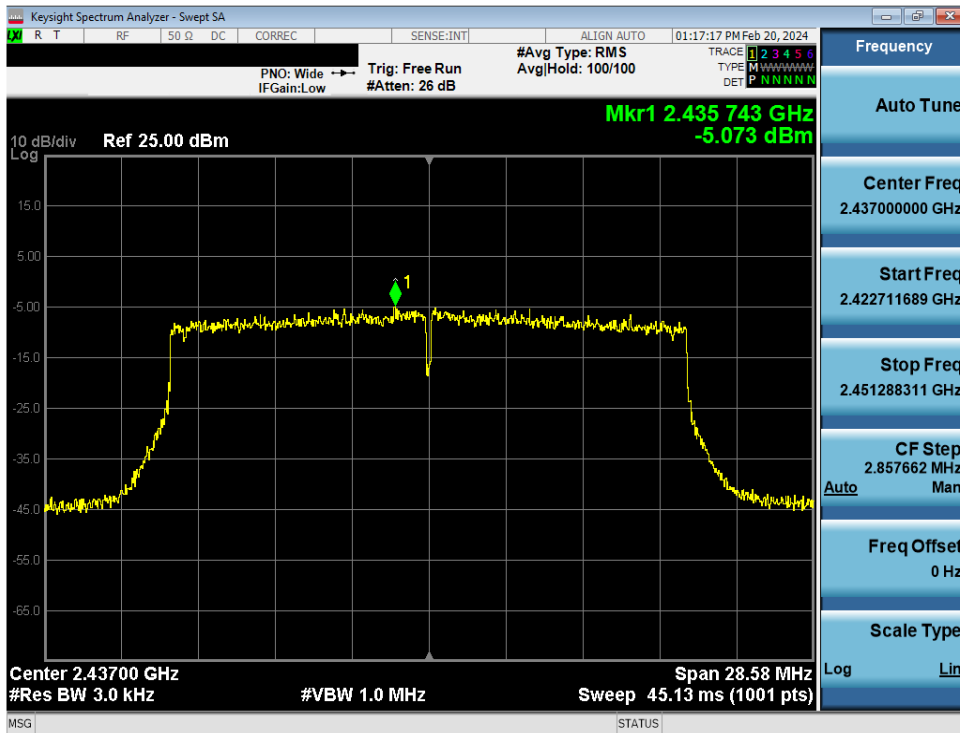


Plot 7-156. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 11) – MCS2

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 128 of 583 |

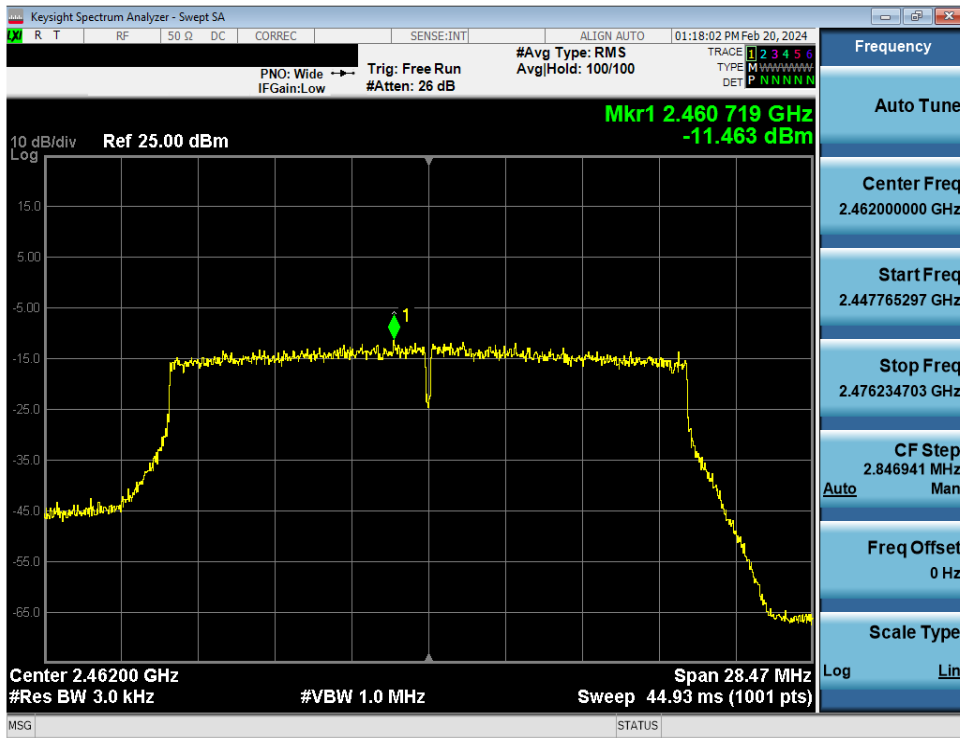


Plot 7-157. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2



Plot 7-158. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

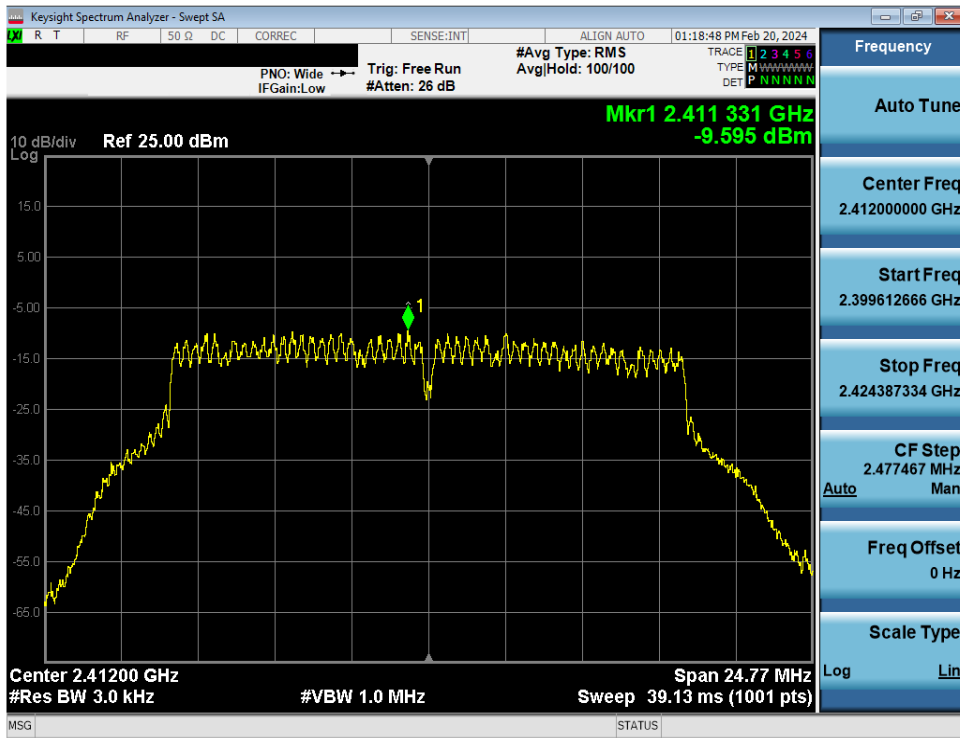
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 129 of 583 |



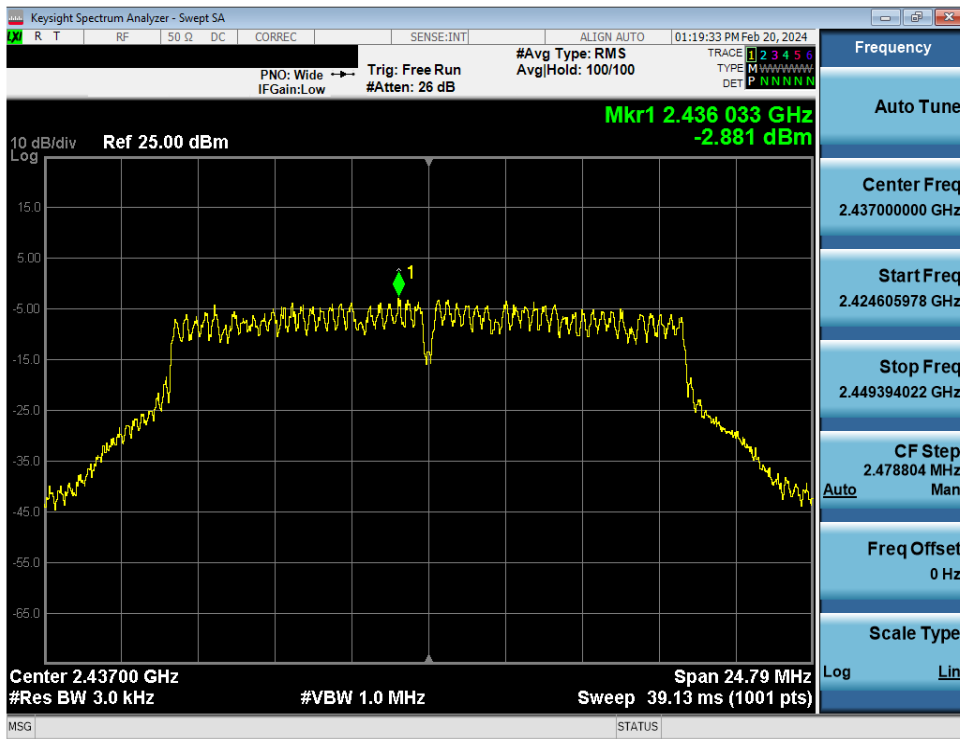
Plot 7-159. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

| | | |
|---|---|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device |
| | | Page 130 of 583 |

Mid Rate

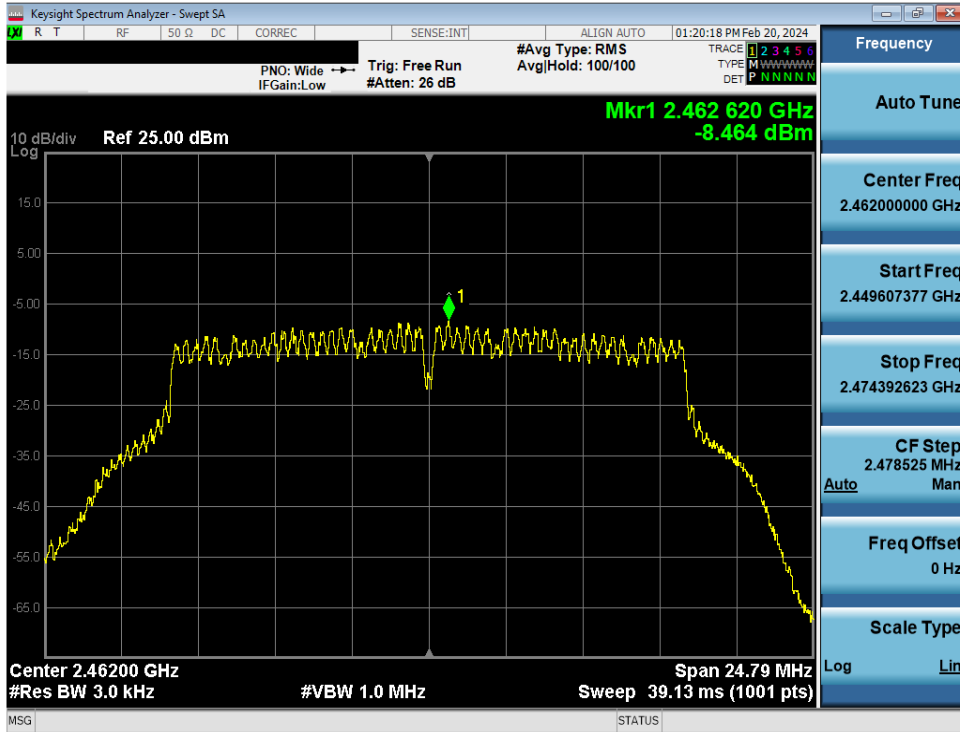


Plot 7-160. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 1) – 24Mbps

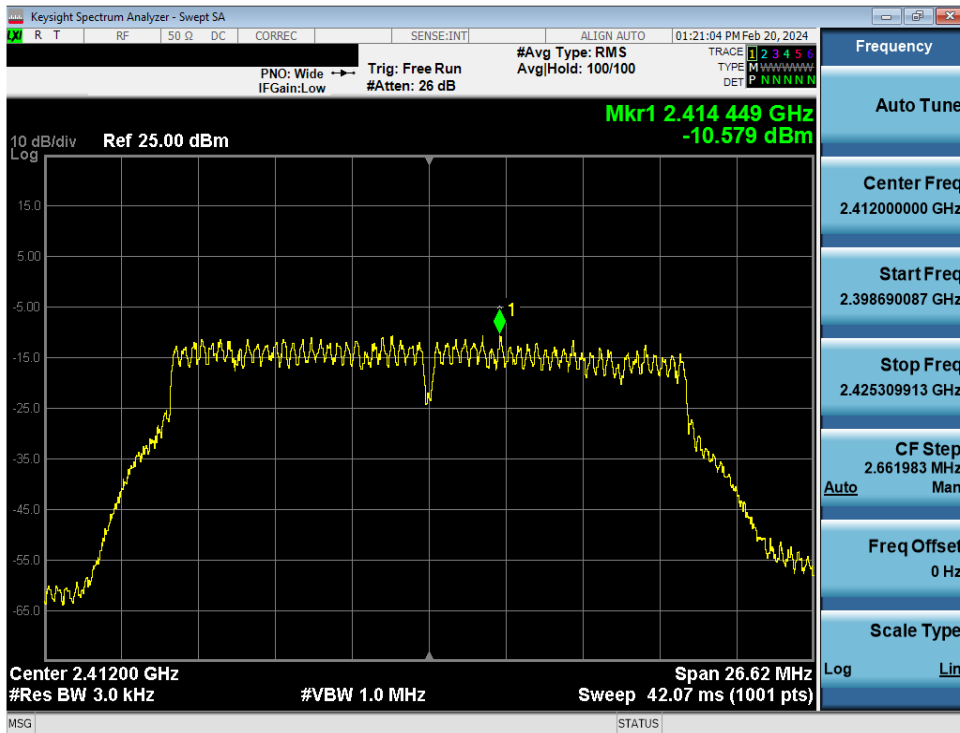


Plot 7-161. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 6) – 24Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 131 of 583 |

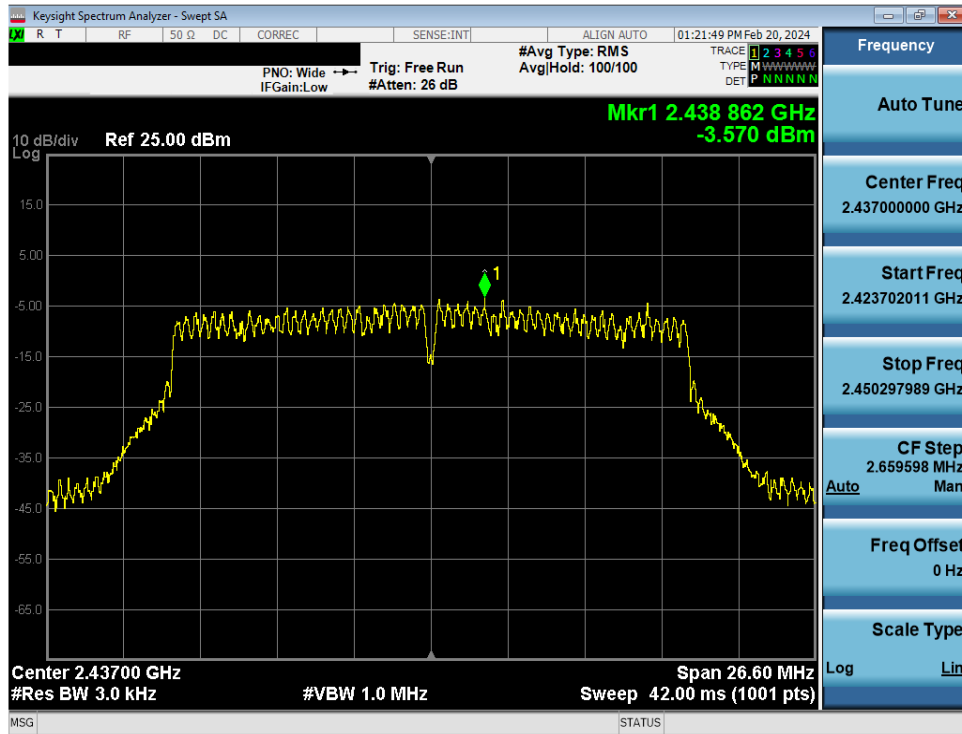


Plot 7-162. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 11) – 24Mbps

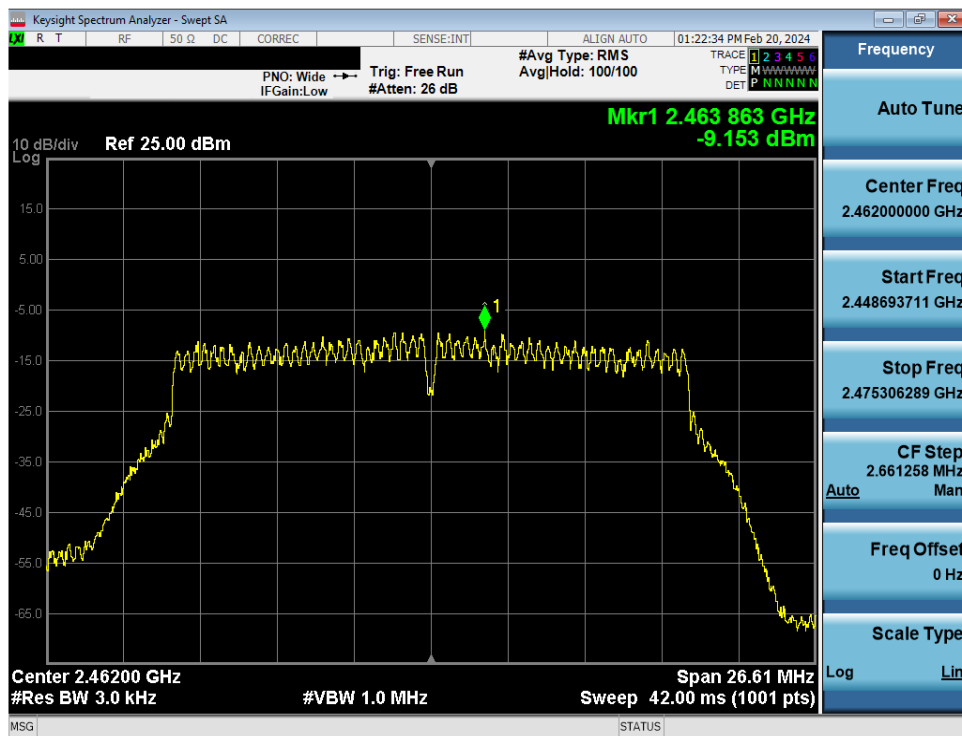


Plot 7-163. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 1) – MCS4

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 132 of 583 |

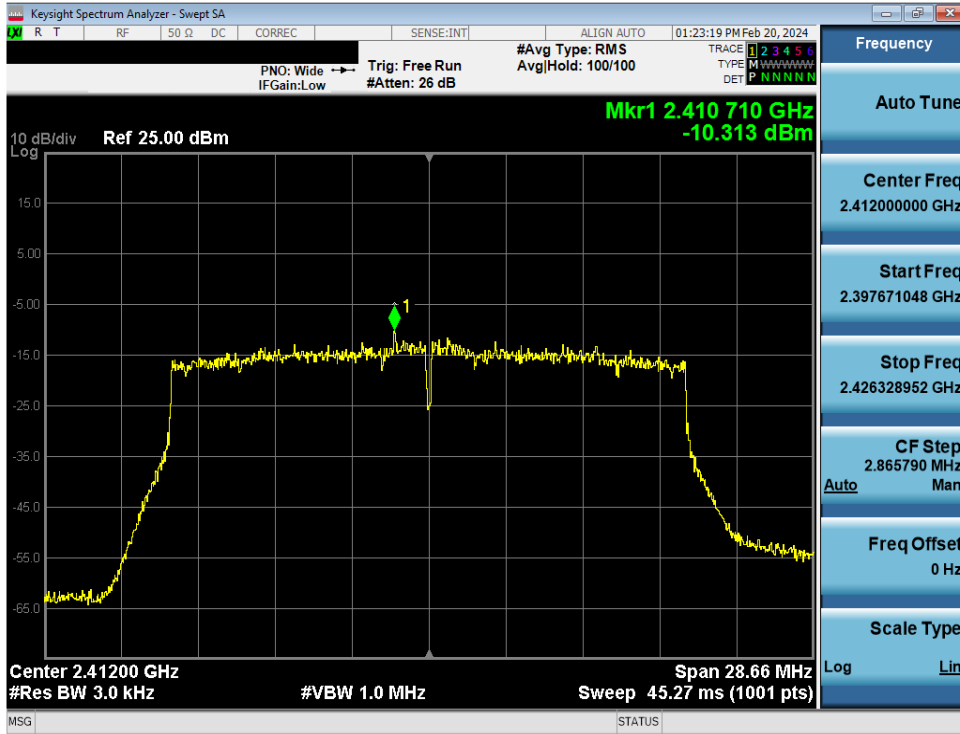


Plot 7-164. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 6) – MCS4

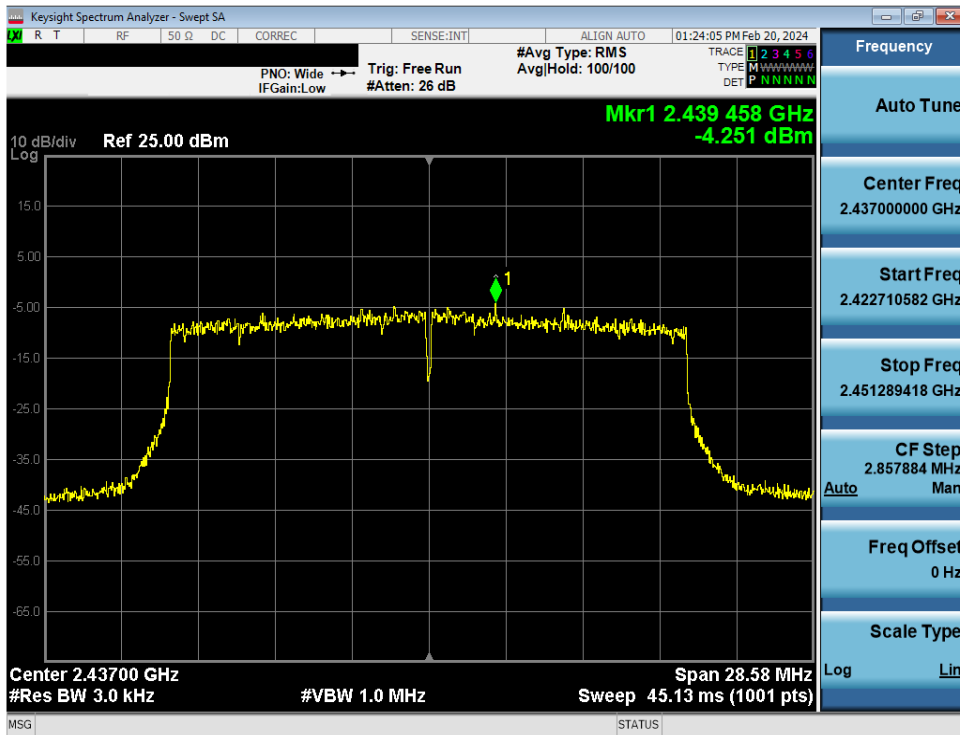


Plot 7-165. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 11) – MCS4

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 133 of 583 |

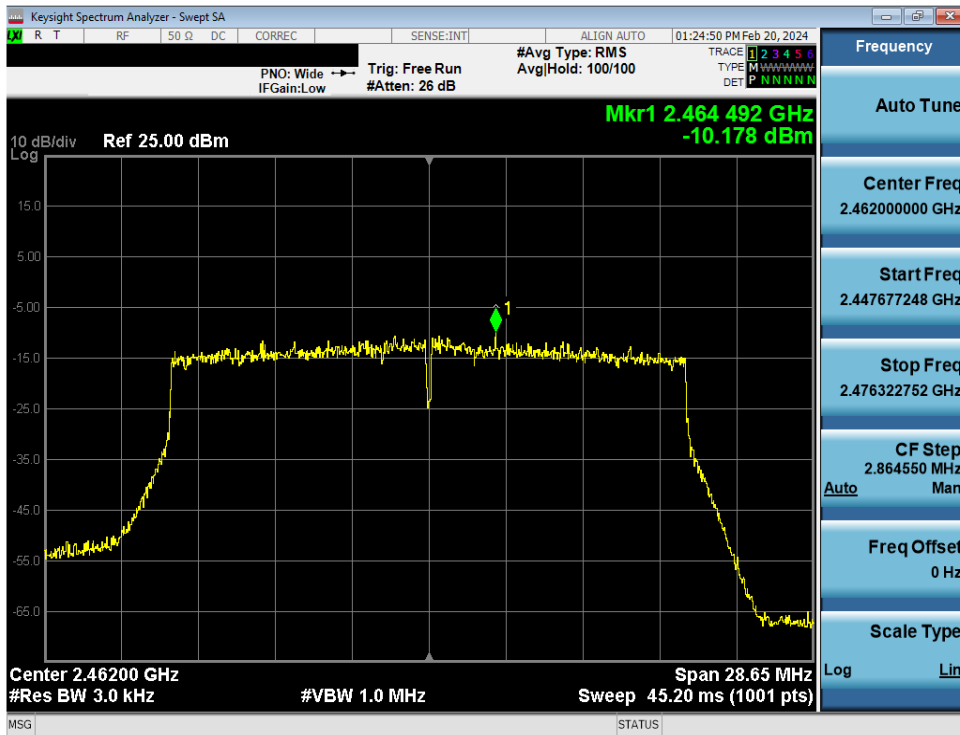


Plot 7-166. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4



Plot 7-167. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

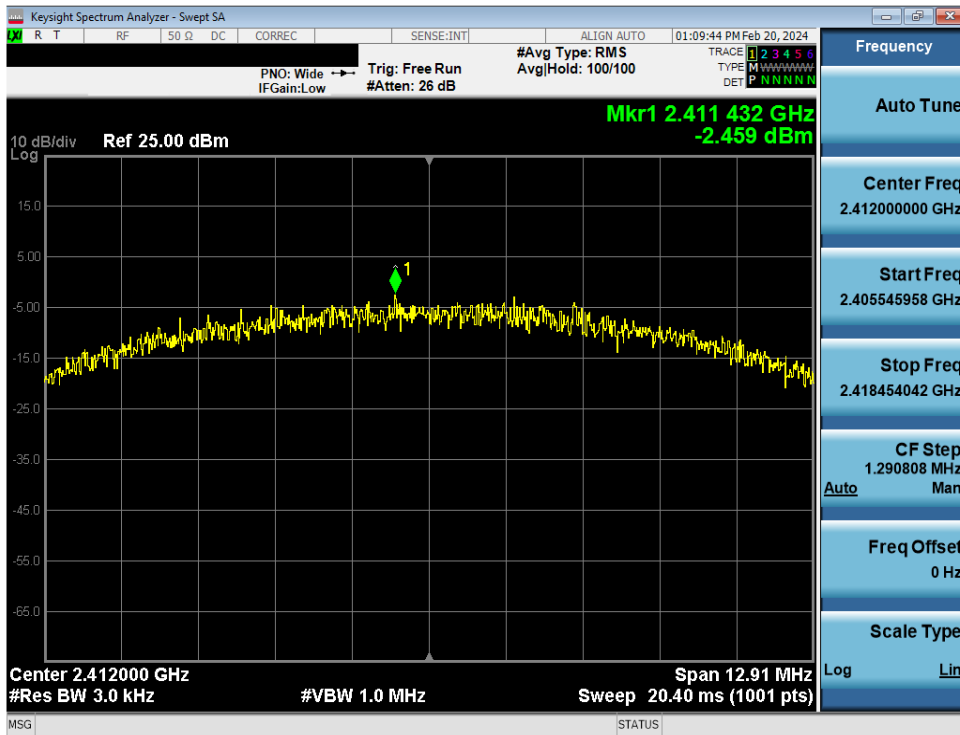
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 134 of 583 |



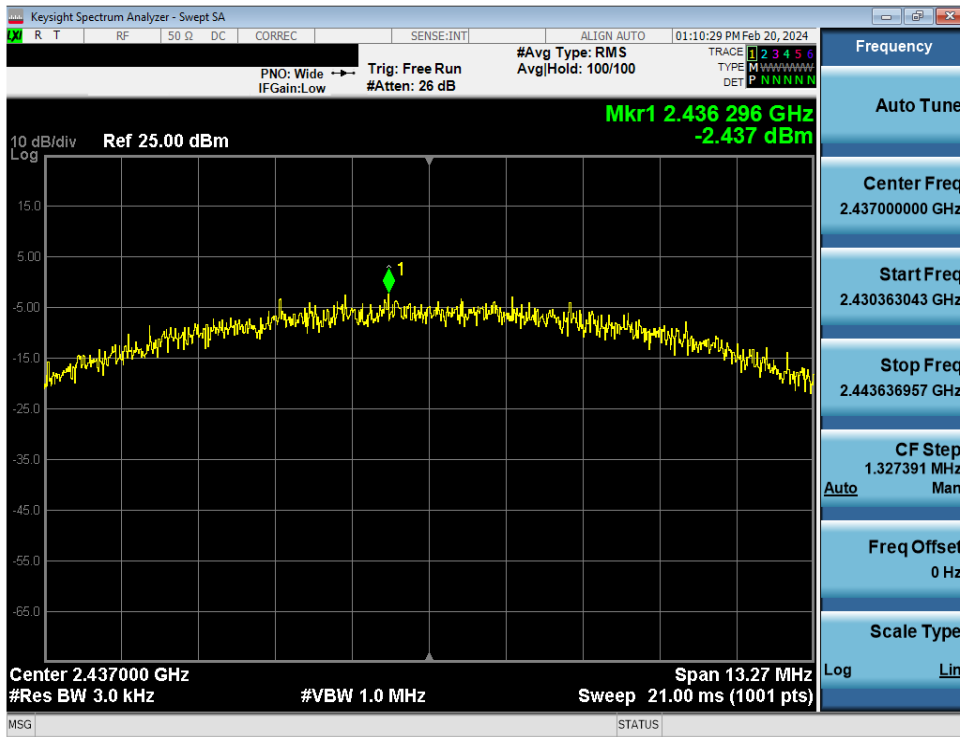
Plot 7-168. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 135 of 583 |

High Rate

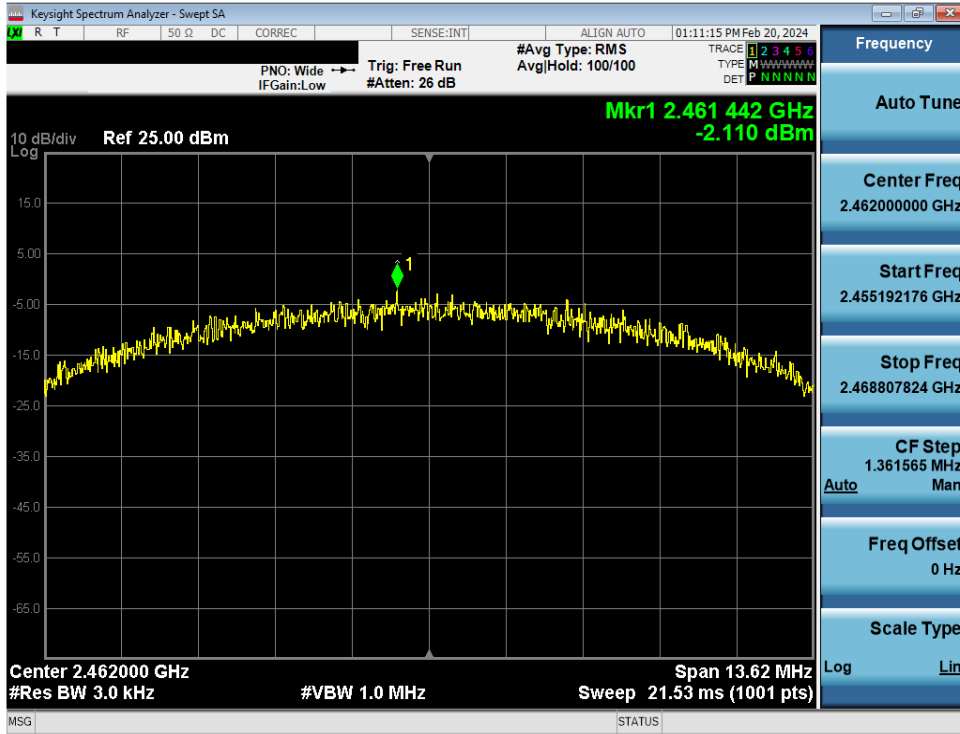


Plot 7-169. Power Spectral Density Plot Antenna WF9 (802.11b – Ch. 1) – 11Mbps

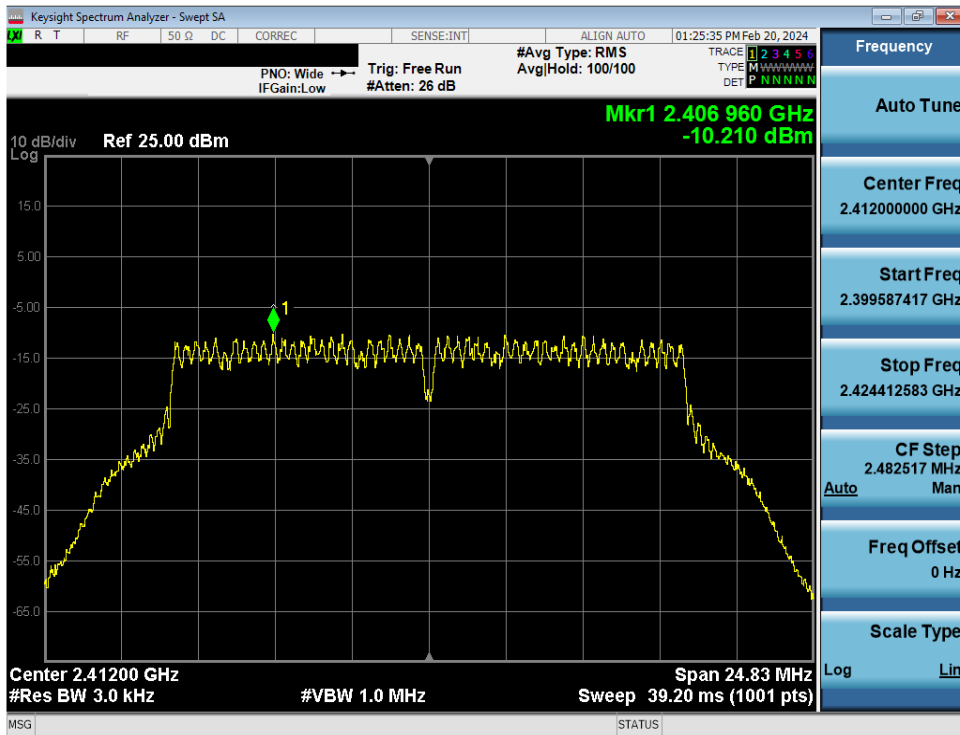


Plot 7-170. Power Spectral Density Plot Antenna WF9 (802.11b – Ch. 6) – 11Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 136 of 583 |

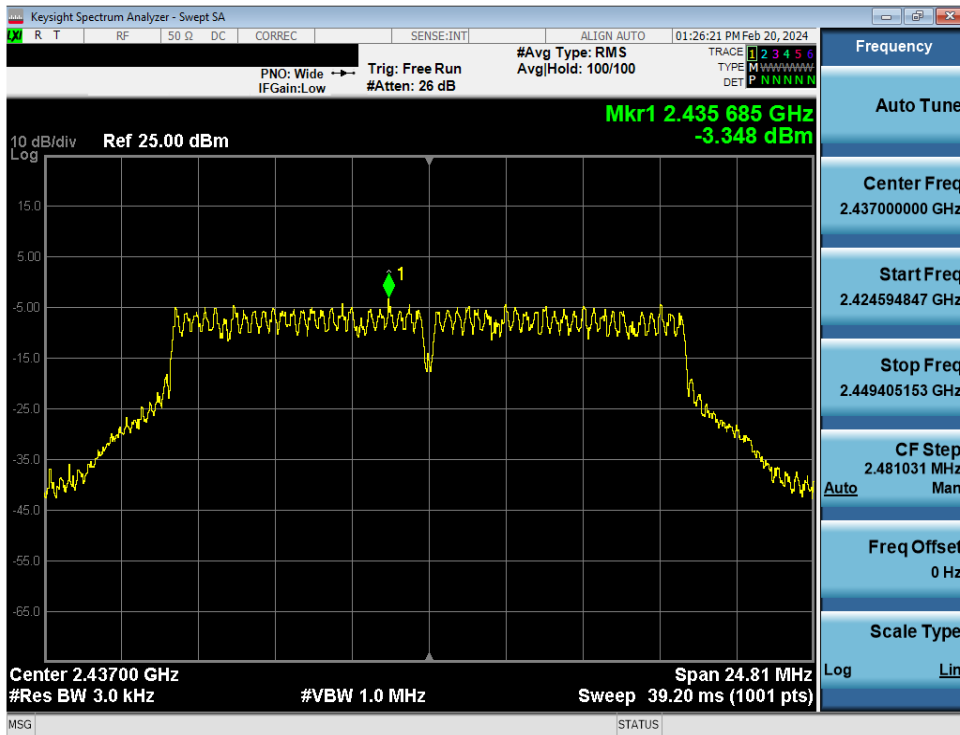


Plot 7-171. Power Spectral Density Plot Antenna WF9 (802.11b – Ch. 11) – 11Mbps

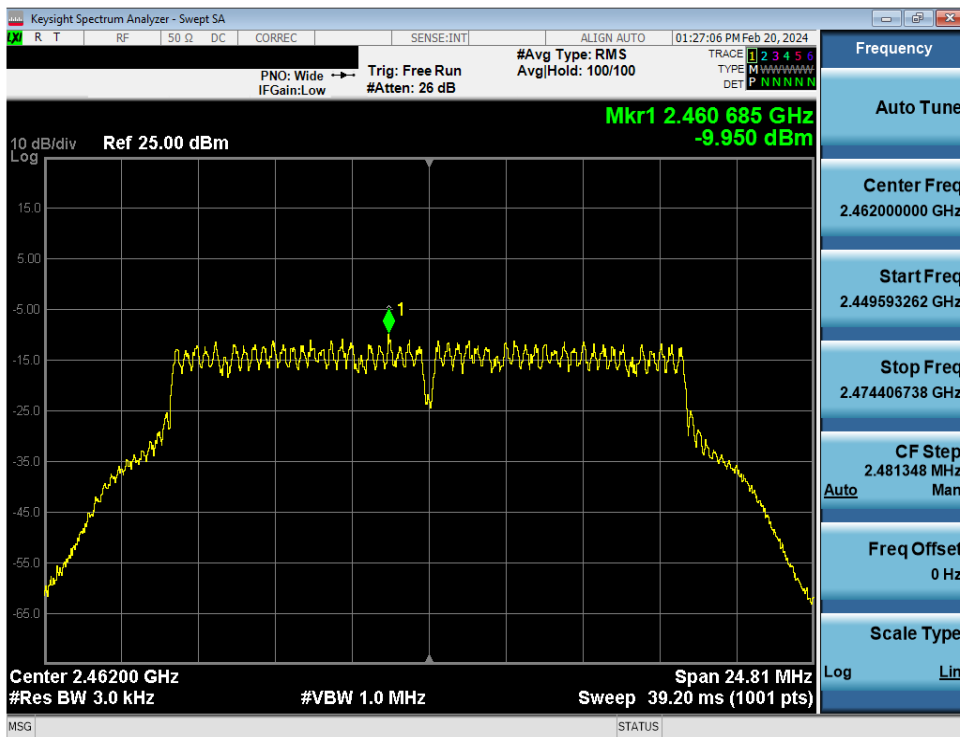


Plot 7-172. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 1) – 54Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 137 of 583 |

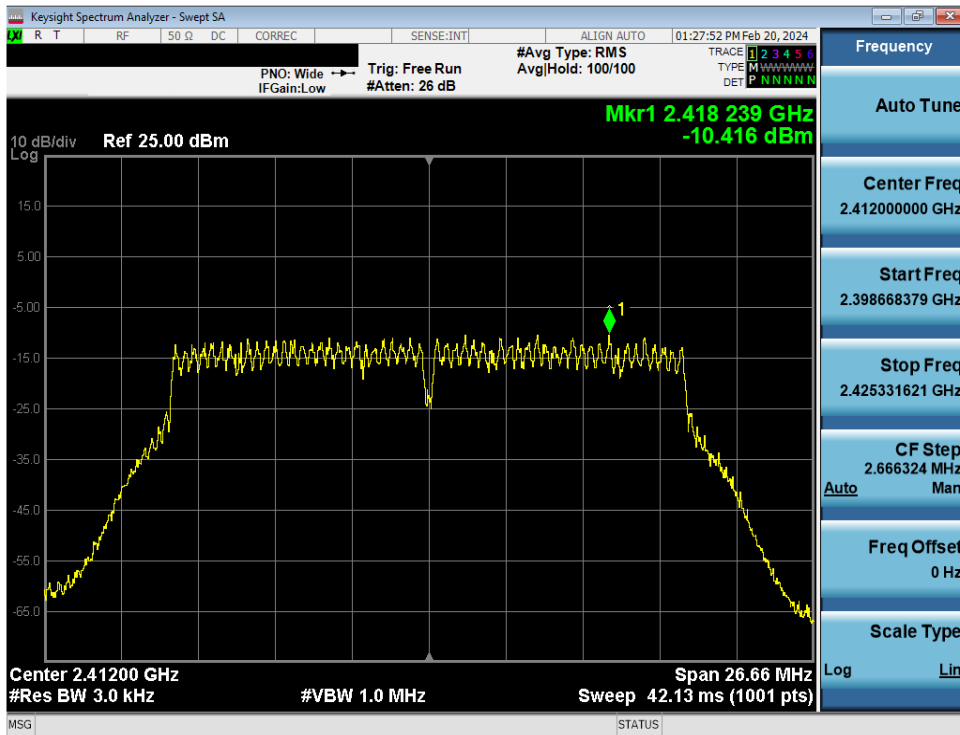


Plot 7-173. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 6) – 54Mbps

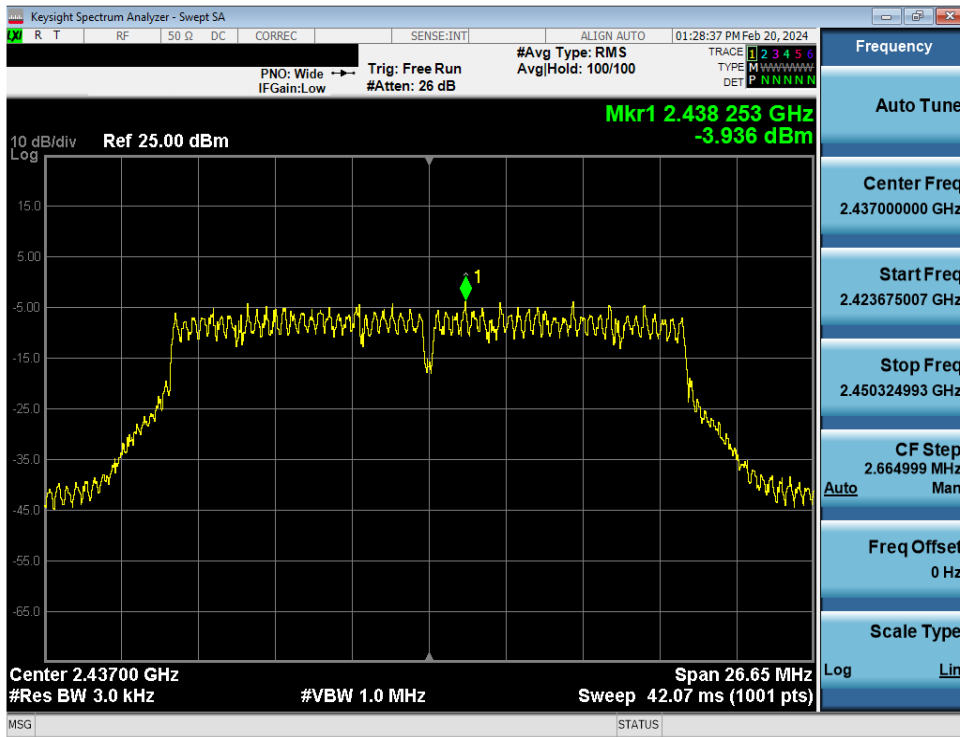


Plot 7-174. Power Spectral Density Plot Antenna WF9 (802.11g – Ch. 11) – 54Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 138 of 583 |

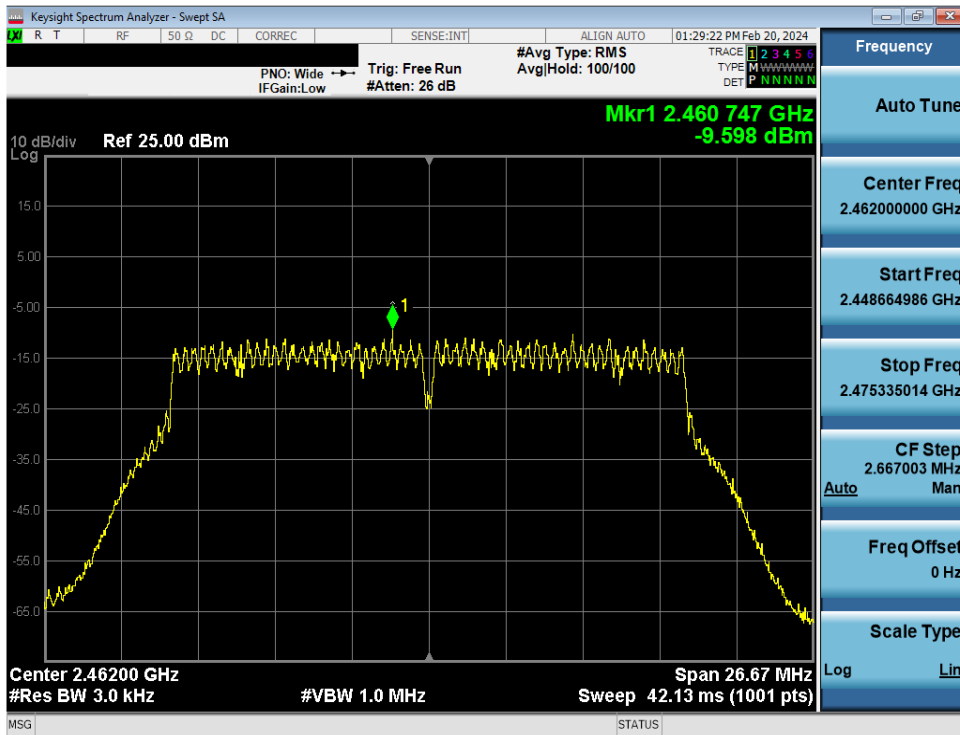


Plot 7-175. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 1) – MCS7

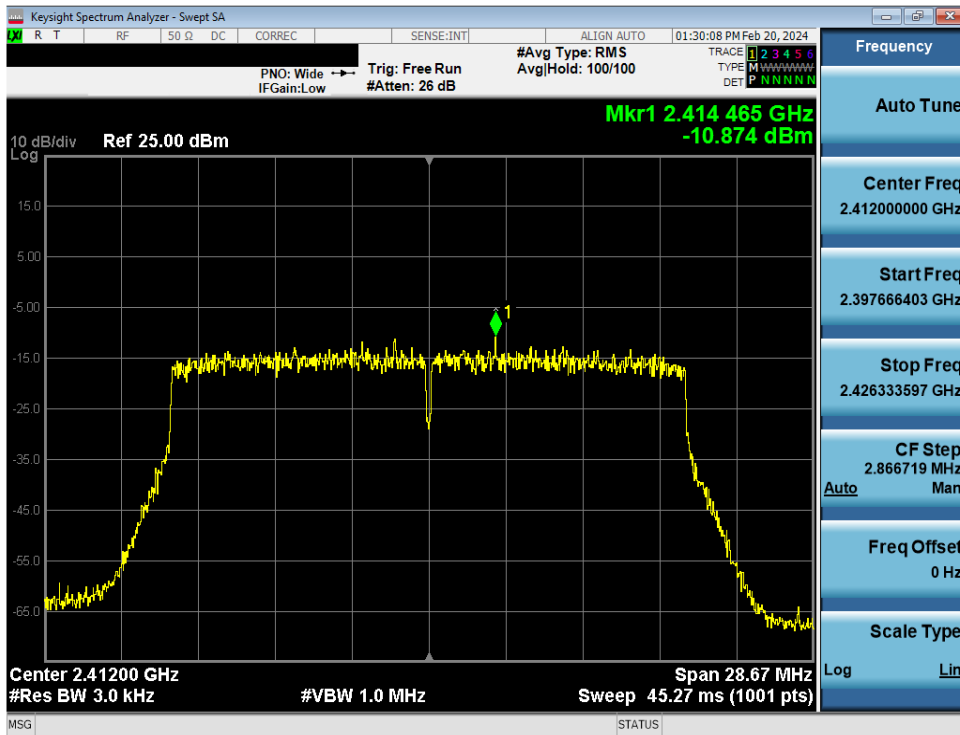


Plot 7-176. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 6) – MCS7

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 139 of 583 |

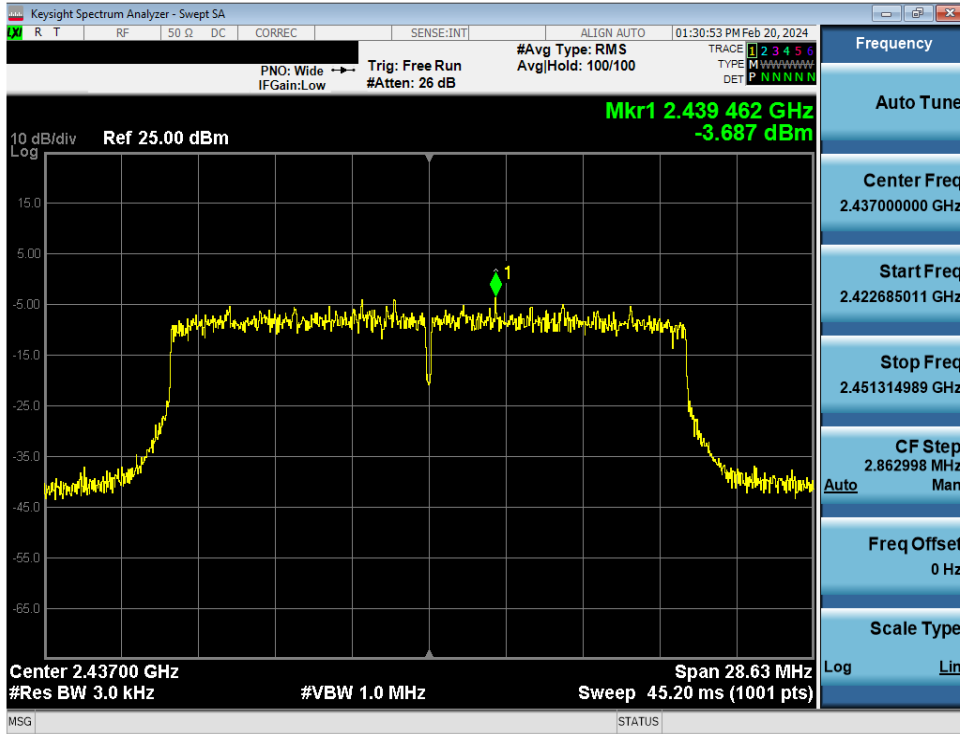


Plot 7-177. Power Spectral Density Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 11) – MCS7

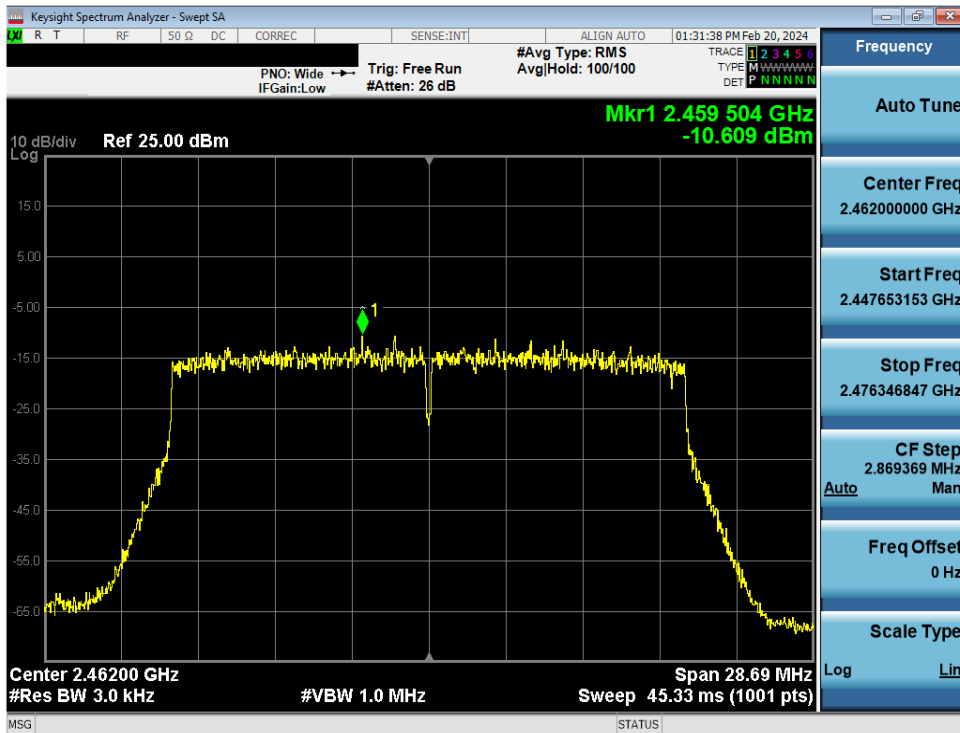


Plot 7-178. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 140 of 583 |



Plot 7-179. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS9



Plot 7-180. Power Spectral Density Plot Antenna WF9 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 141 of 583 |

7.4.4 CDD Primary Power Spectral Density Measurements

| Frequency [MHz] | Channel No. | 802.11 MODE | Mode | Data Rate [Mbps] | Ant WF8 Power Density [dBm/3kHz] | Ant WF7 Power Density [dBm/3kHz] | Summed Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------|------------------|----------------------------------|----------------------------------|---------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | CDD | 12 | -8.41 | -8.60 | -5.50 | 8.00 | -13.50 | Pass |
| 2437 | 6 | g | CDD | 12 | -3.01 | -1.77 | 0.67 | 8.00 | -7.33 | Pass |
| 2462 | 11 | g | CDD | 12 | -8.23 | -8.65 | -5.42 | 8.00 | -13.42 | Pass |
| 2412 | 1 | n | CDD | 39/43.3 (MCS10) | -9.57 | -9.65 | -6.60 | 8.00 | -14.60 | Pass |
| 2437 | 6 | n | CDD | 39/43.3 (MCS10) | -4.51 | -3.98 | -1.22 | 8.00 | -9.22 | Pass |
| 2462 | 11 | n | CDD | 39/43.3 (MCS10) | -9.26 | -9.37 | -6.31 | 8.00 | -14.31 | Pass |
| 2412 | 1 | ax (SU) | CDD | 48/51.6 (MCS2) | -11.29 | -11.01 | -8.14 | 8.00 | -16.14 | Pass |
| 2437 | 6 | ax (SU) | CDD | 48/51.6 (MCS2) | -5.84 | -5.10 | -2.44 | 8.00 | -10.44 | Pass |
| 2462 | 11 | ax (SU) | CDD | 48/51.6 (MCS2) | -11.65 | -12.35 | -8.98 | 8.00 | -16.98 | Pass |

Table 7-74.CDD Primary Conducted Power Density Measurements (Low Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Mode | Data Rate [Mbps] | Ant WF8 Power Density [dBm/3kHz] | Ant WF7 Power Density [dBm/3kHz] | Summed Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------|------------------|----------------------------------|----------------------------------|---------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | CDD | 24 | -10.01 | -8.72 | -6.31 | 8.00 | -14.31 | Pass |
| 2437 | 6 | g | CDD | 24 | -3.65 | -2.78 | -0.18 | 8.00 | -8.18 | Pass |
| 2462 | 11 | g | CDD | 24 | -8.55 | -8.54 | -5.53 | 8.00 | -13.53 | Pass |
| 2412 | 1 | n | CDD | 78/86.7 (MCS12) | -10.08 | -10.60 | -7.32 | 8.00 | -15.32 | Pass |
| 2437 | 6 | n | CDD | 78/86.7 (MCS12) | -4.20 | -3.66 | -0.91 | 8.00 | -8.91 | Pass |
| 2462 | 11 | n | CDD | 78/86.7 (MCS12) | -9.62 | -9.51 | -6.55 | 8.00 | -14.55 | Pass |
| 2412 | 1 | ax (SU) | CDD | 98/103.2 (MCS4) | -11.05 | -12.20 | -8.58 | 8.00 | -16.58 | Pass |
| 2437 | 6 | ax (SU) | CDD | 98/103.2 (MCS4) | -5.30 | -4.55 | -1.90 | 8.00 | -9.90 | Pass |
| 2462 | 11 | ax (SU) | CDD | 98/103.2 (MCS4) | -11.83 | -11.97 | -8.89 | 8.00 | -16.89 | Pass |

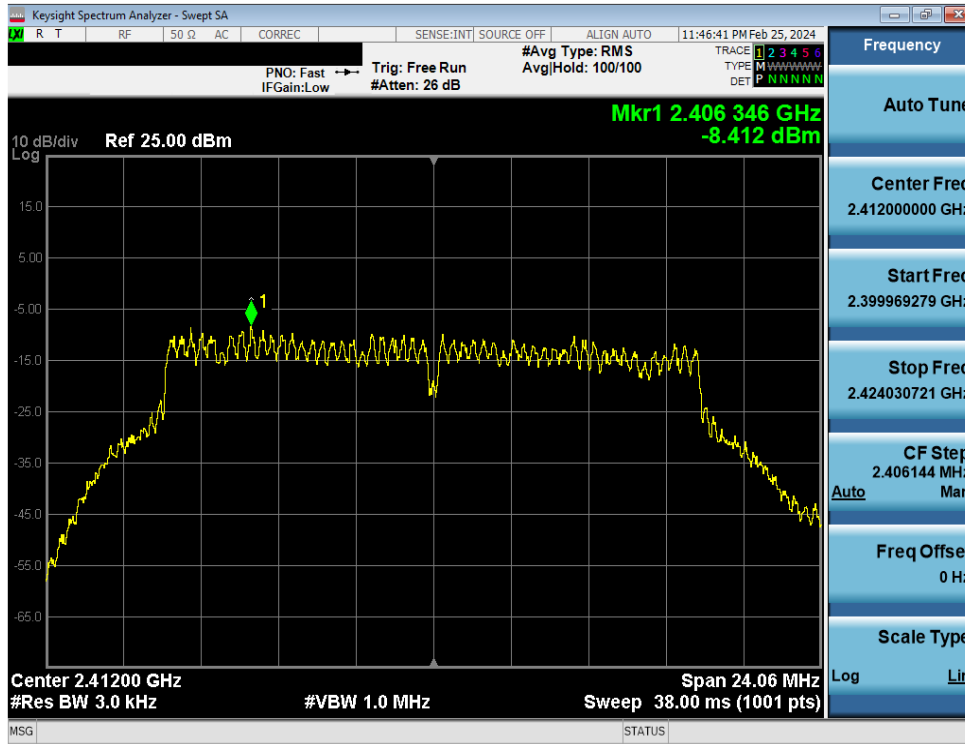
Table 7-75.CDD Primary Conducted Power Density Measurements (Mid Data Rate)

| Frequency [MHz] | Channel No. | 802.11 MODE | Mode | Data Rate [Mbps] | Ant WF8 Power Density [dBm/3kHz] | Ant WF7 Power Density [dBm/3kHz] | Summed Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] | Pass/Fail |
|-----------------|-------------|-------------|------|-------------------|----------------------------------|----------------------------------|---------------------------------|------------------------------|-------------|-----------|
| 2412 | 1 | g | CDD | 54 | -11.05 | -10.89 | -7.96 | 8.00 | -15.96 | Pass |
| 2437 | 6 | g | CDD | 54 | -3.95 | -4.53 | -1.22 | 8.00 | -9.22 | Pass |
| 2462 | 11 | g | CDD | 54 | -10.08 | -9.96 | -7.01 | 8.00 | -15.01 | Pass |
| 2412 | 1 | n | CDD | 130/144.4 (MCS15) | -10.44 | -10.37 | -7.39 | 8.00 | -15.39 | Pass |
| 2437 | 6 | n | CDD | 130/144.4 (MCS15) | -4.13 | -3.43 | -0.75 | 8.00 | -8.75 | Pass |
| 2462 | 11 | n | CDD | 130/144.4 (MCS15) | -9.91 | -9.90 | -6.89 | 8.00 | -14.89 | Pass |
| 2412 | 1 | ax (SU) | CDD | 216/229.4 (MCS9) | -12.05 | -11.60 | -8.81 | 8.00 | -16.81 | Pass |
| 2437 | 6 | ax (SU) | CDD | 216/229.4 (MCS9) | -3.80 | -3.85 | -0.81 | 8.00 | -8.81 | Pass |
| 2462 | 11 | ax (SU) | CDD | 216/229.4 (MCS9) | -11.88 | -11.84 | -8.85 | 8.00 | -16.85 | Pass |

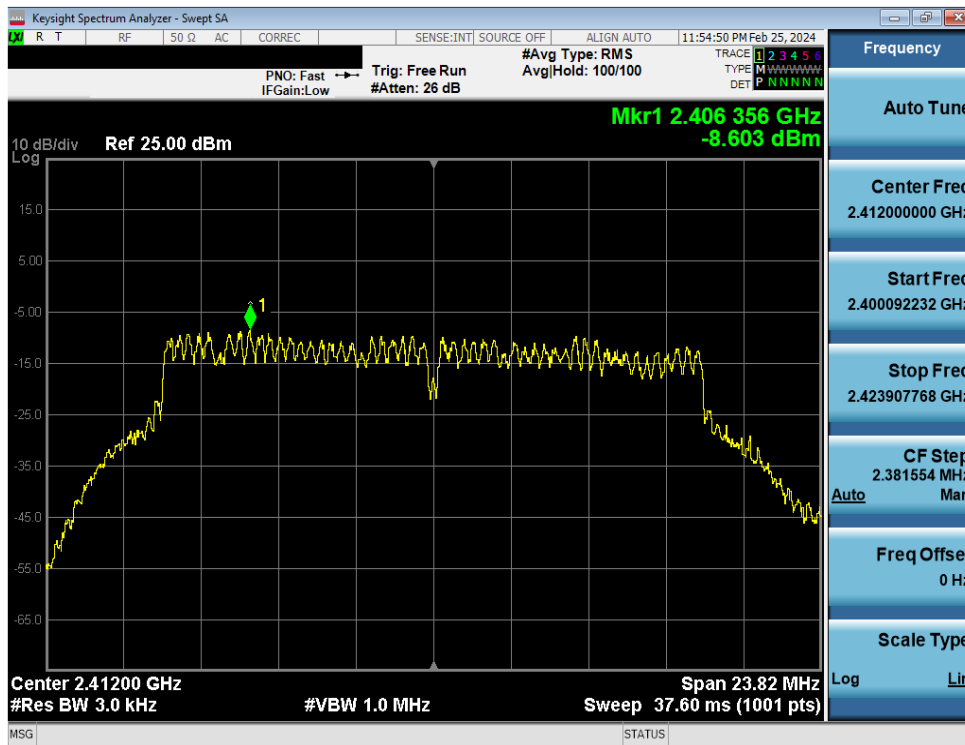
Table 7-76.CDD Primary Conducted Power Density Measurements (High Data Rate)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 142 of 583 |

Low Rate

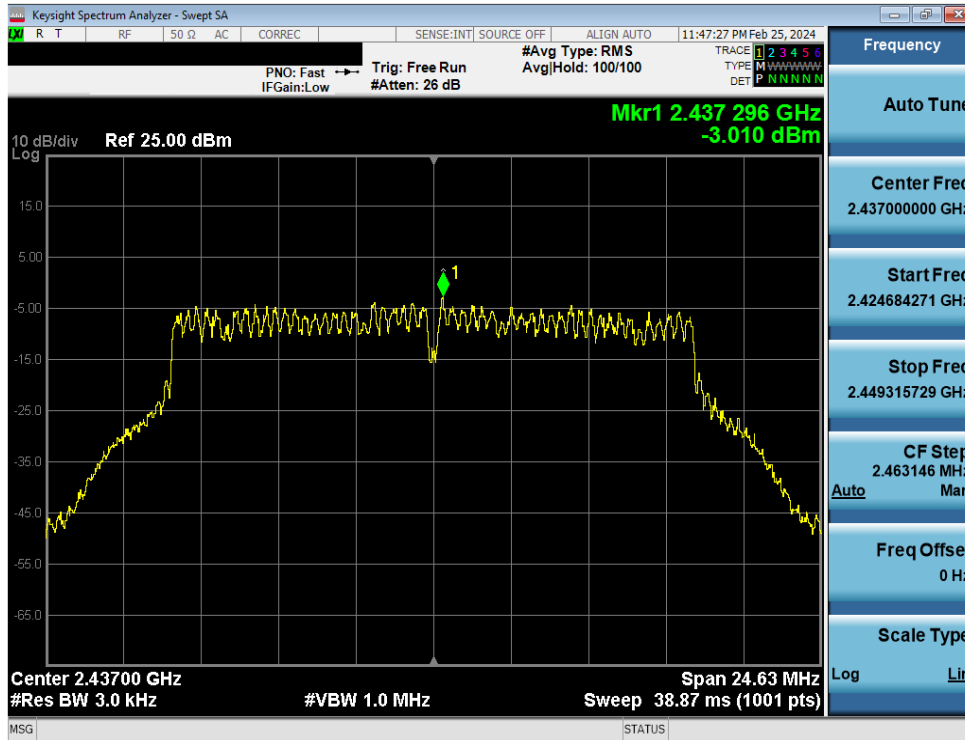


Plot 7-181. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11g – Ch. 1) – 12Mbps

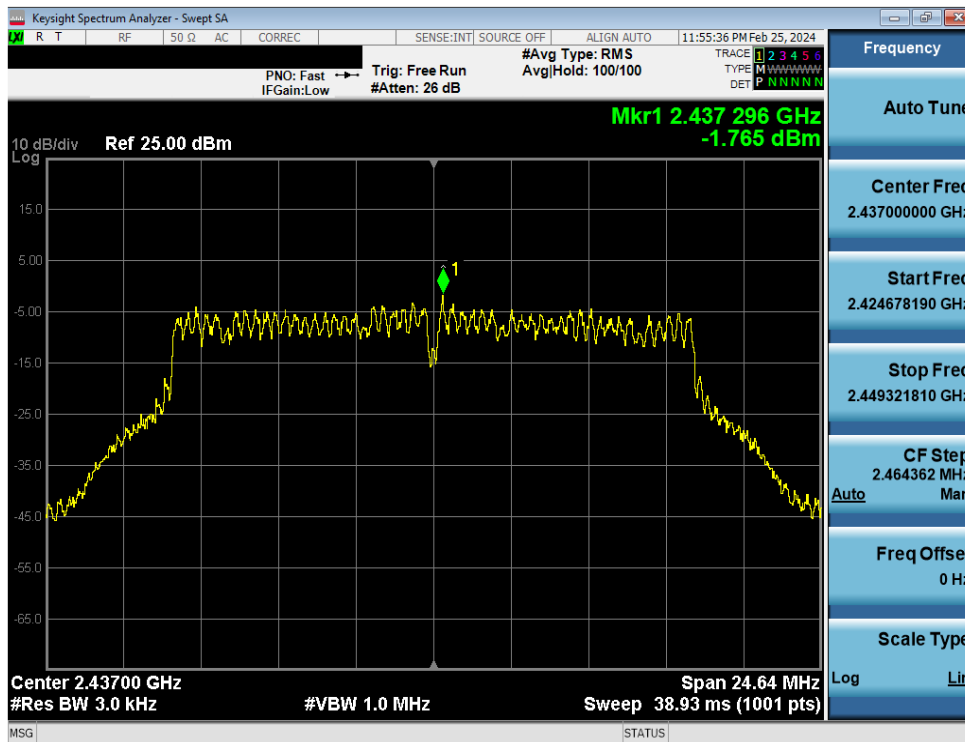


Plot 7-182. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11g – Ch. 1) – 12Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 143 of 583 |

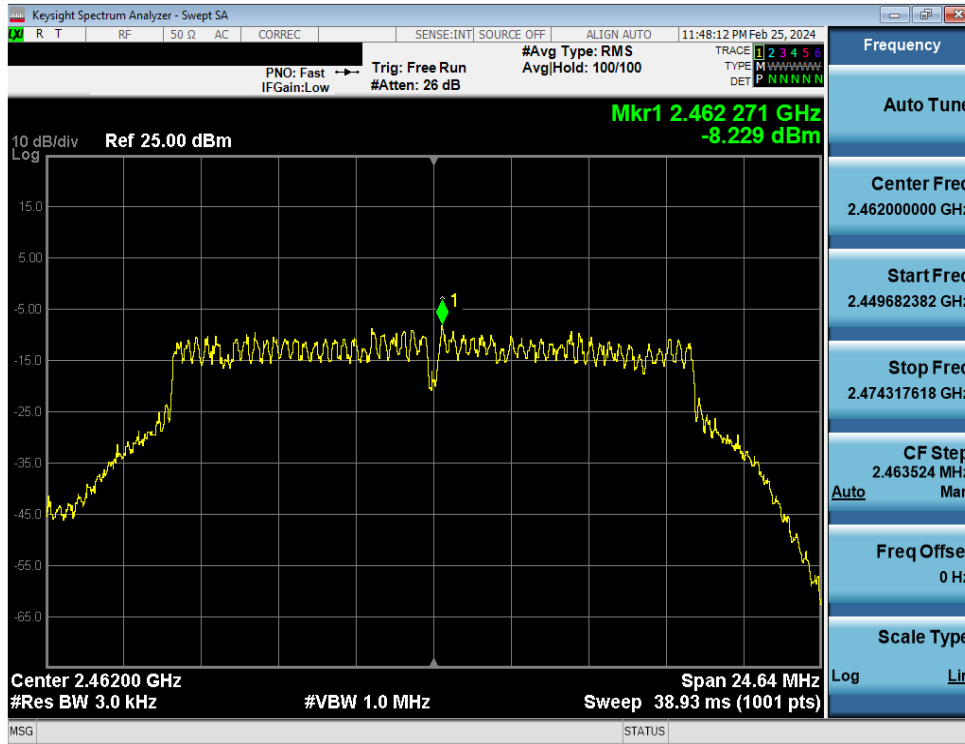


Plot 7-183. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11g – Ch. 6) – 12Mbps

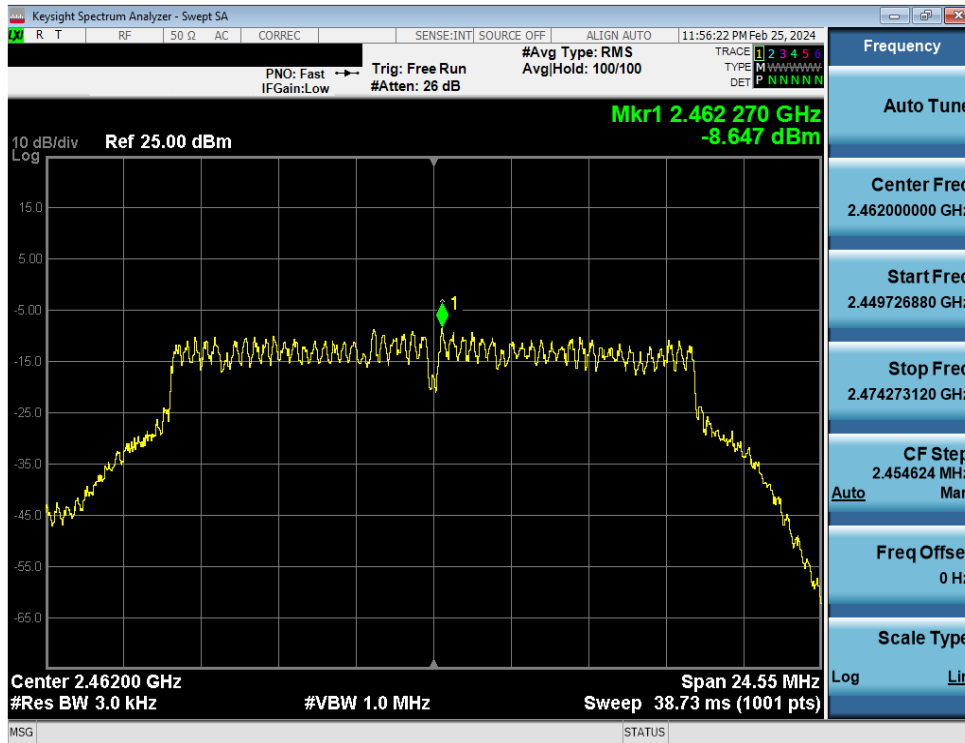


Plot 7-184. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11g – Ch. 6) – 12Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 144 of 583 |

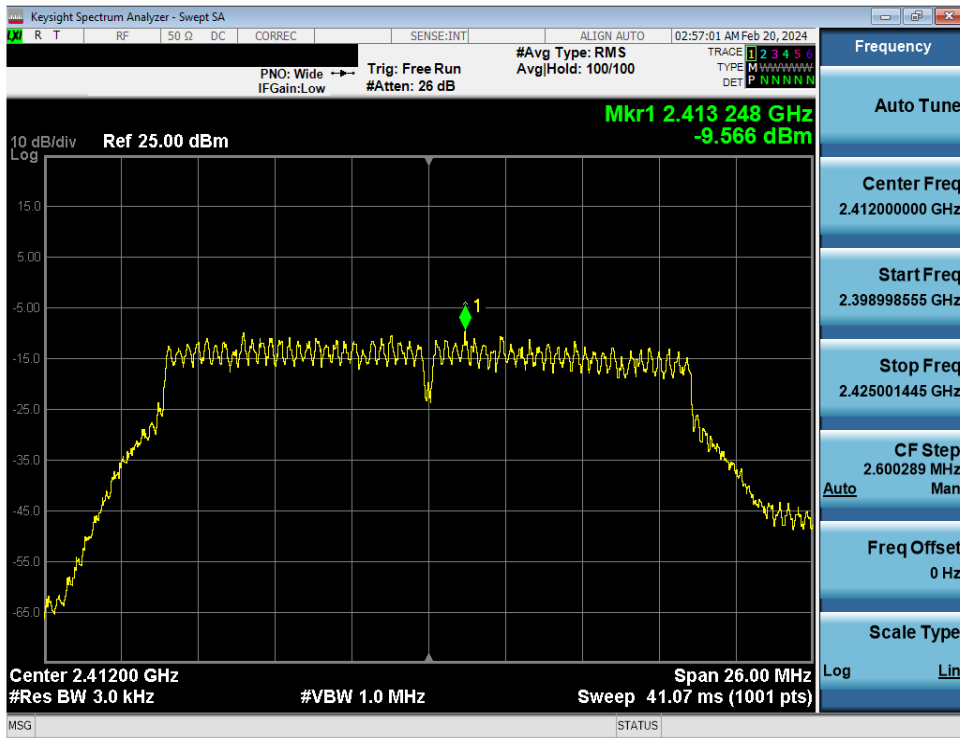


Plot 7-185. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11g – Ch. 11) – 12Mbps

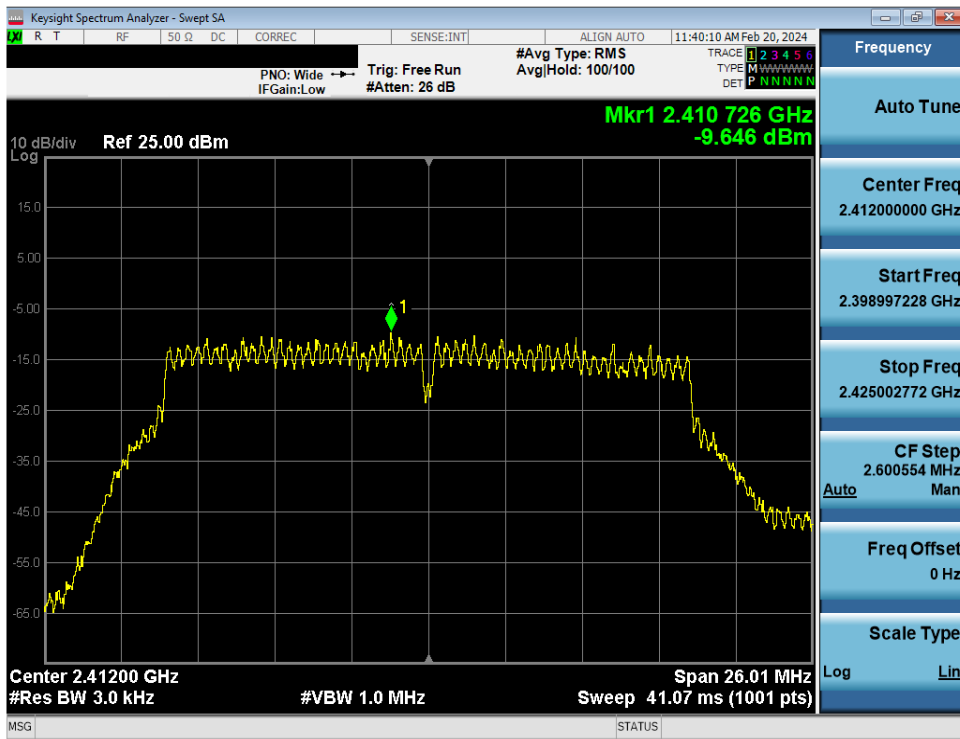


Plot 7-186. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11g – Ch. 11) – 12Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 145 of 583 |

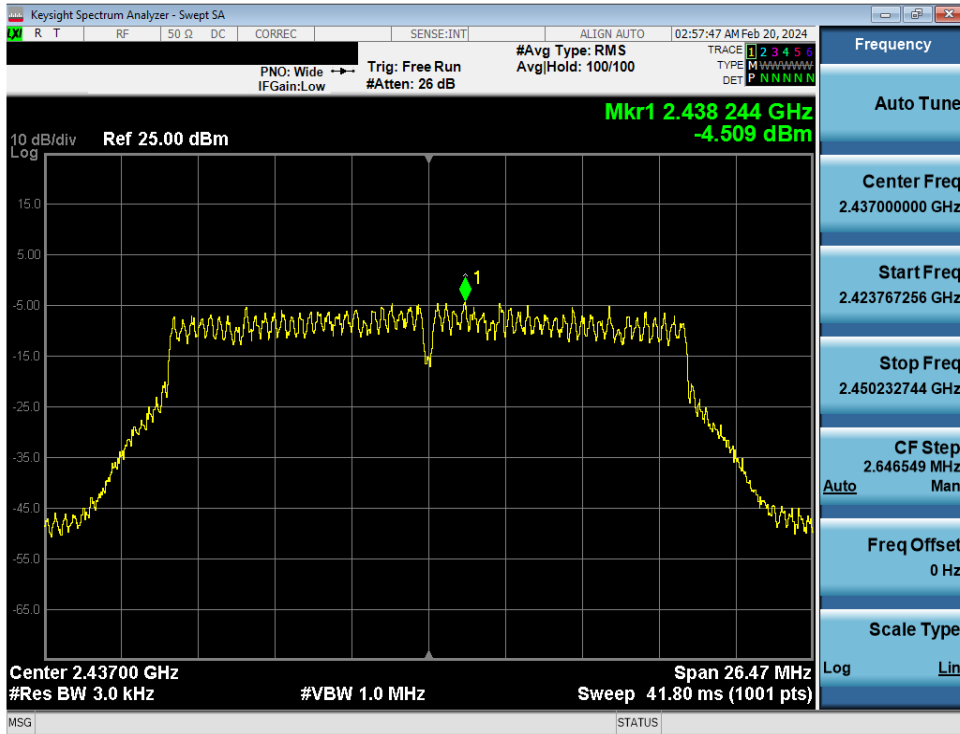


Plot 7-187. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11n (2.4GHz) – Ch. 1) – MCS10

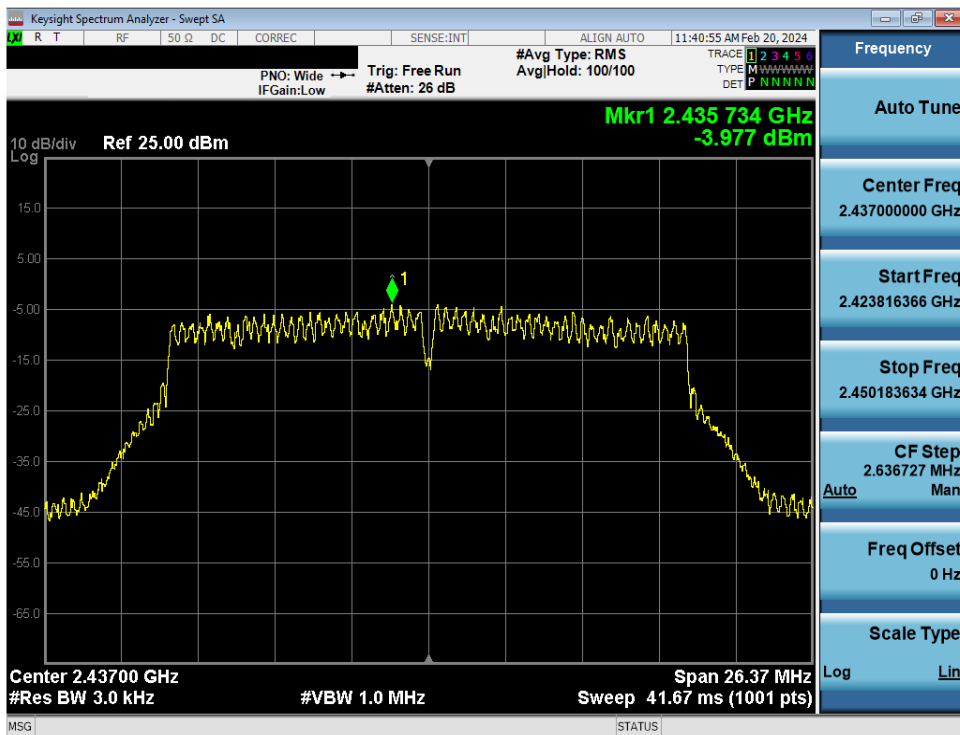


Plot 7-188. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11n (2.4GHz) – Ch. 1) – MCS10

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 146 of 583 |

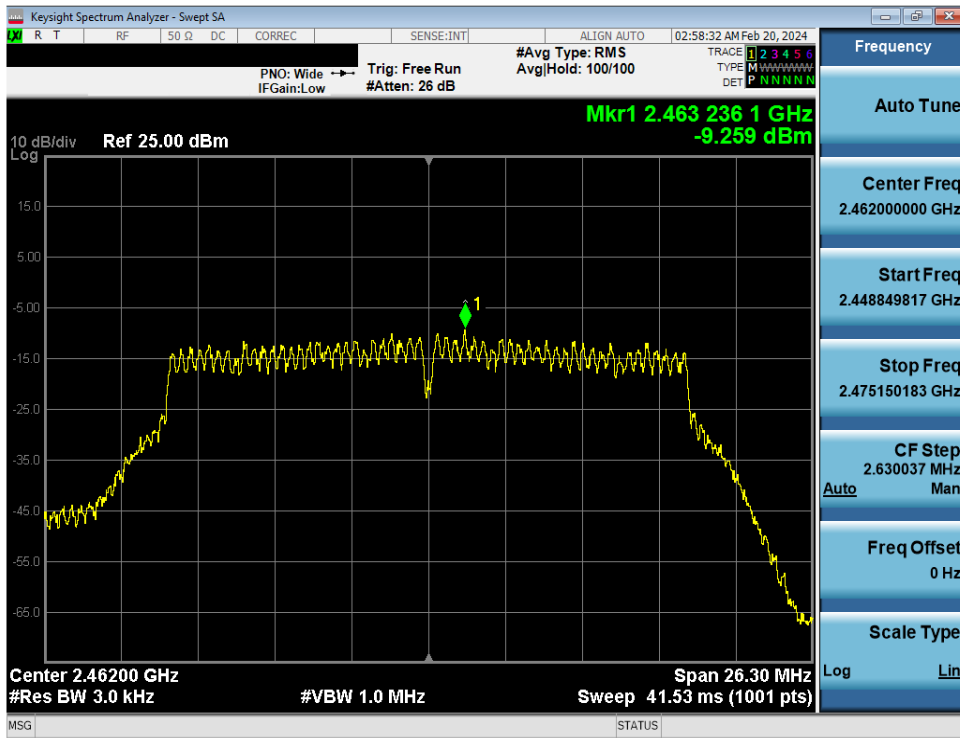


Plot 7-189. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11n (2.4GHz) – Ch. 6) – MCS10

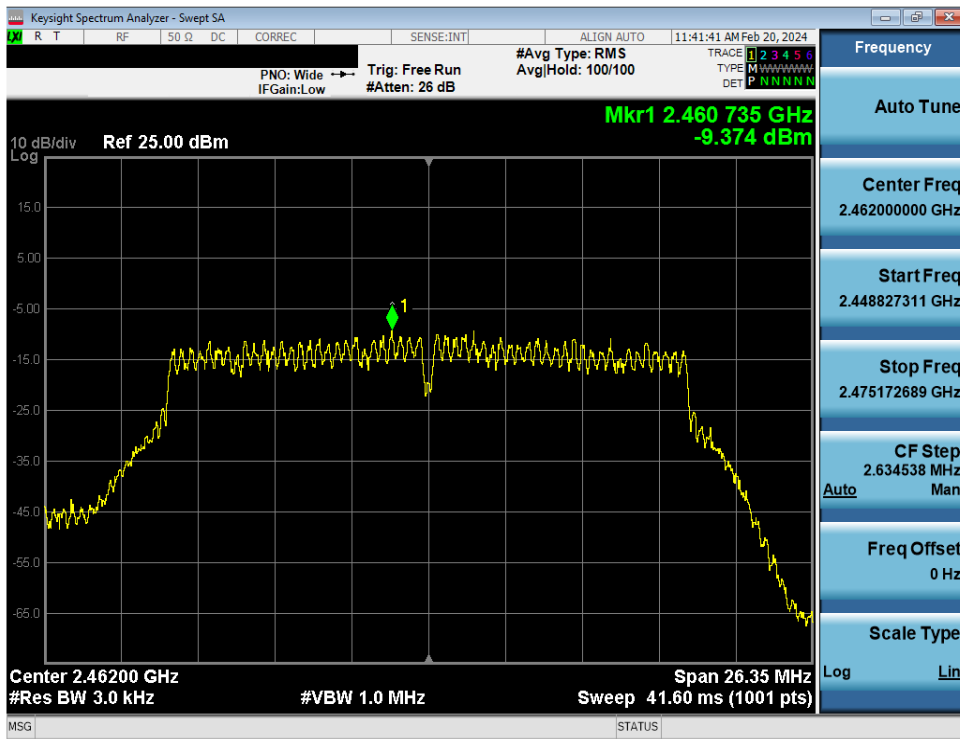


Plot 7-190. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11n (2.4GHz) – Ch. 6) – MCS10

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 147 of 583 |

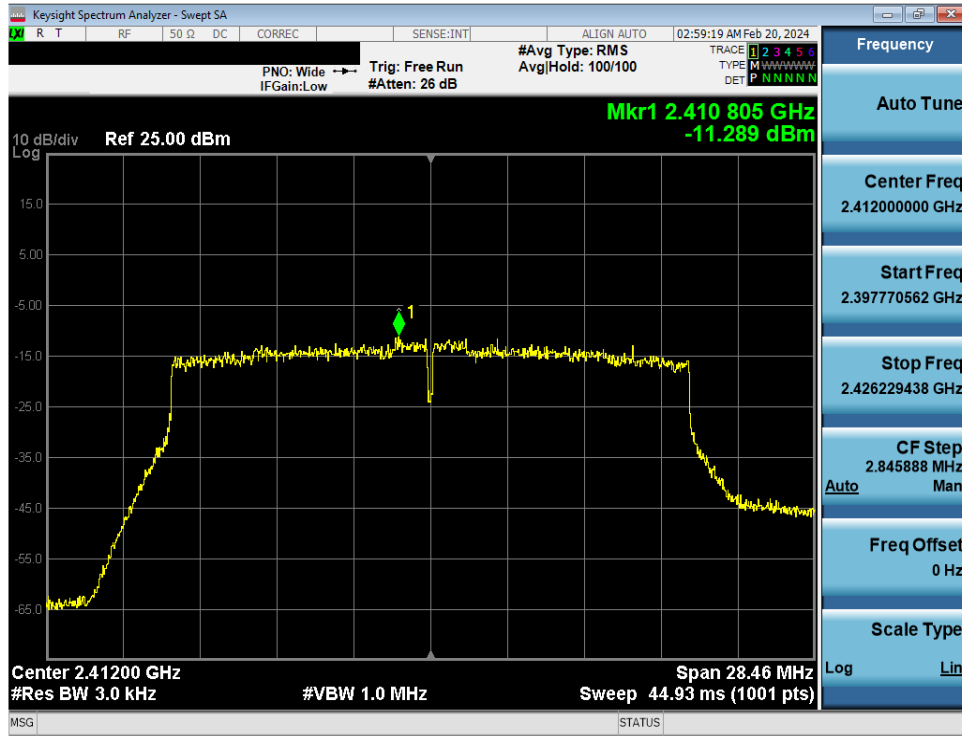


Plot 7-191. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11n (2.4GHz) – Ch. 11) – MCS10

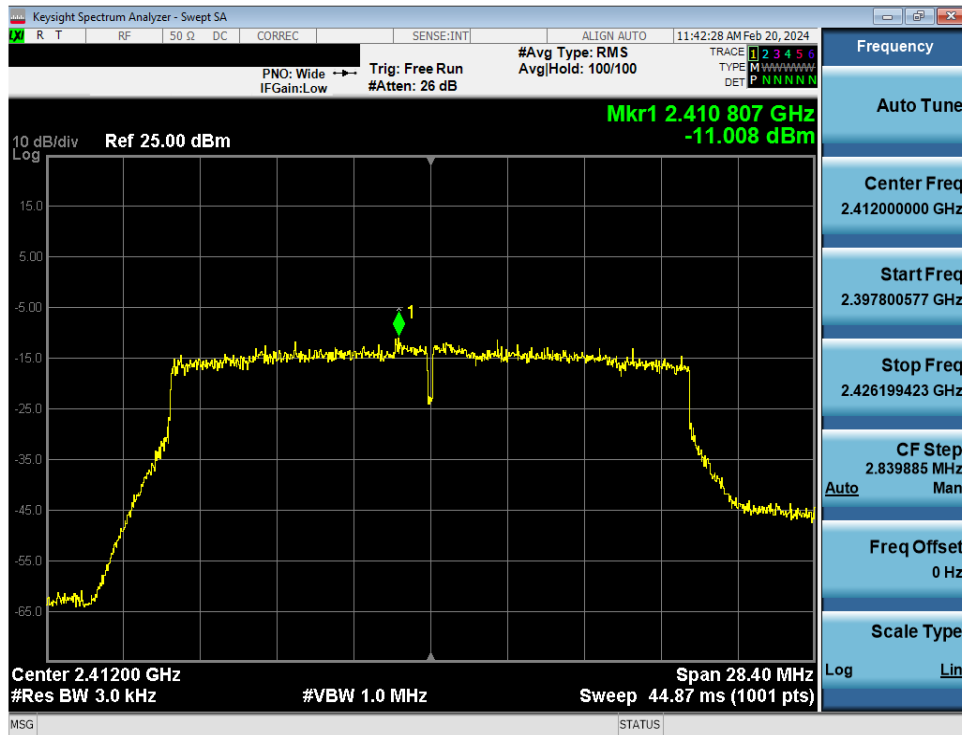


Plot 7-192. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS10

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 148 of 583 |

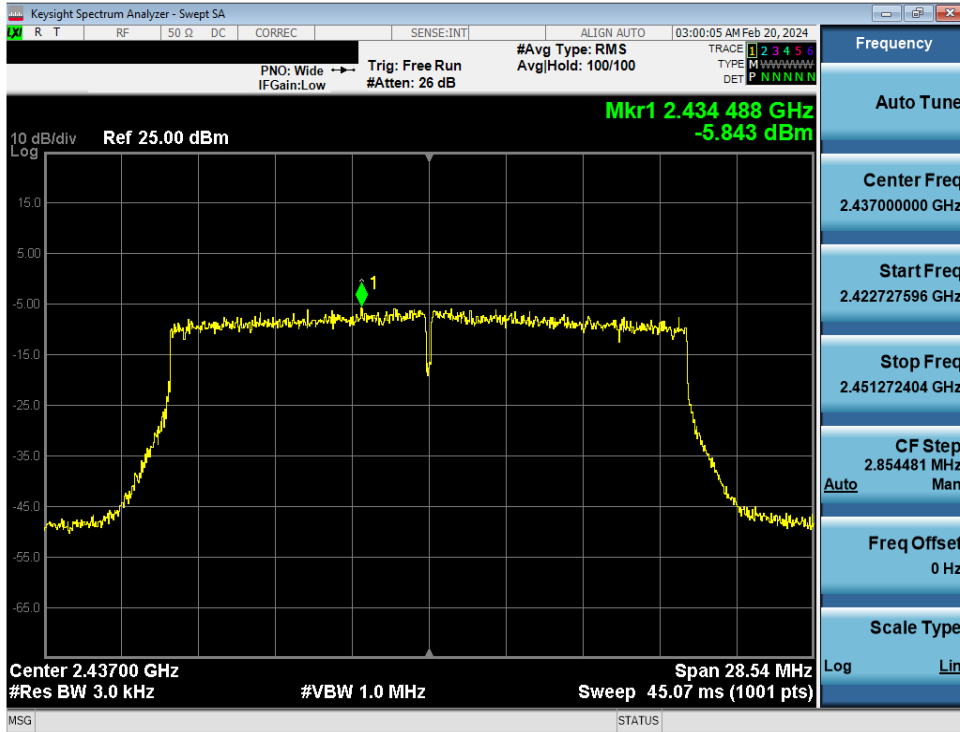


Plot 7-193. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

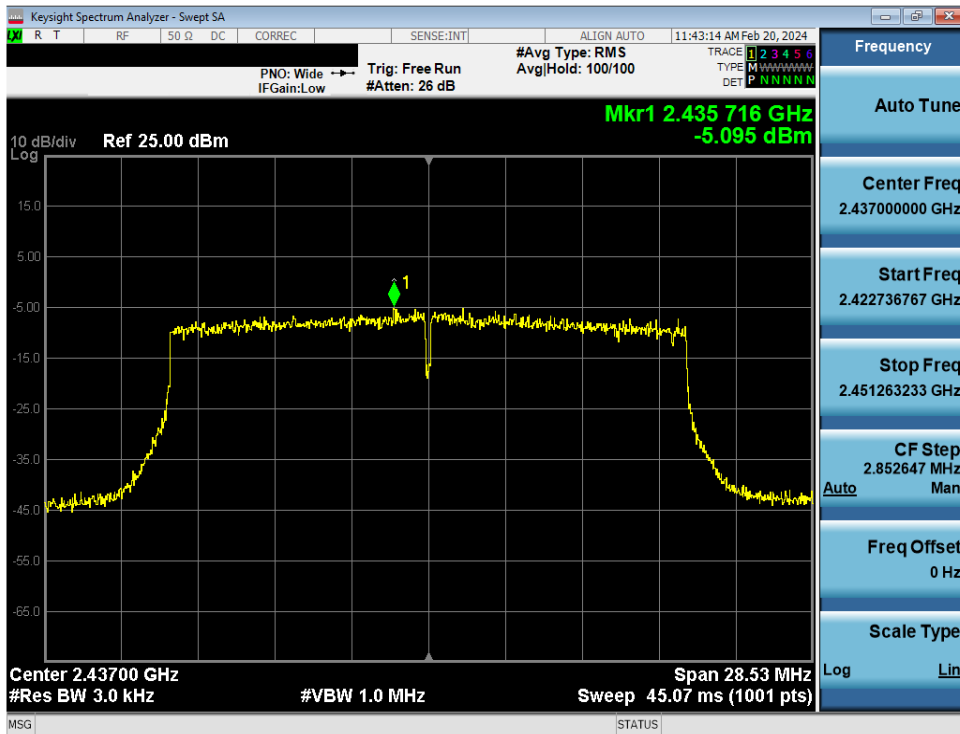


Plot 7-194. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 149 of 583 |

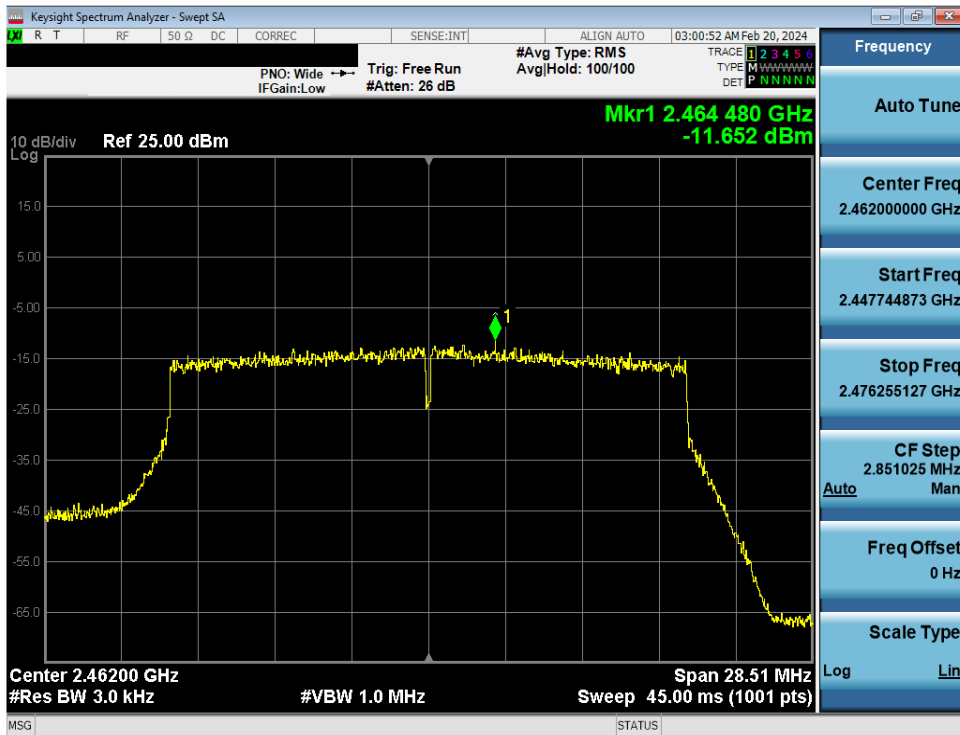


Plot 7-195. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

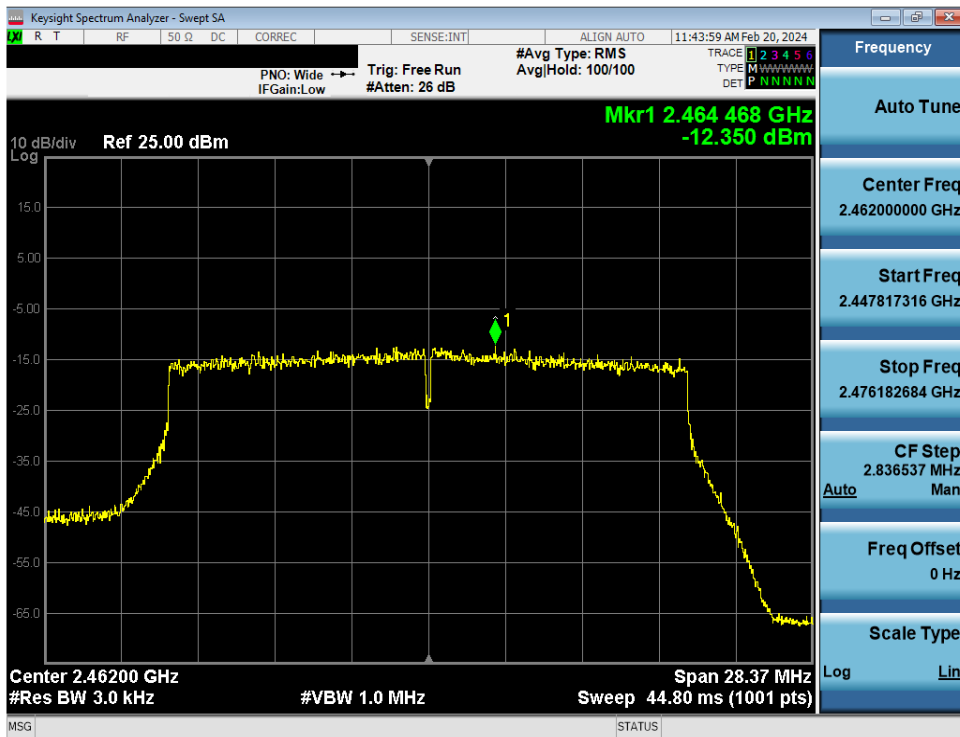


Plot 7-196. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 150 of 583 |



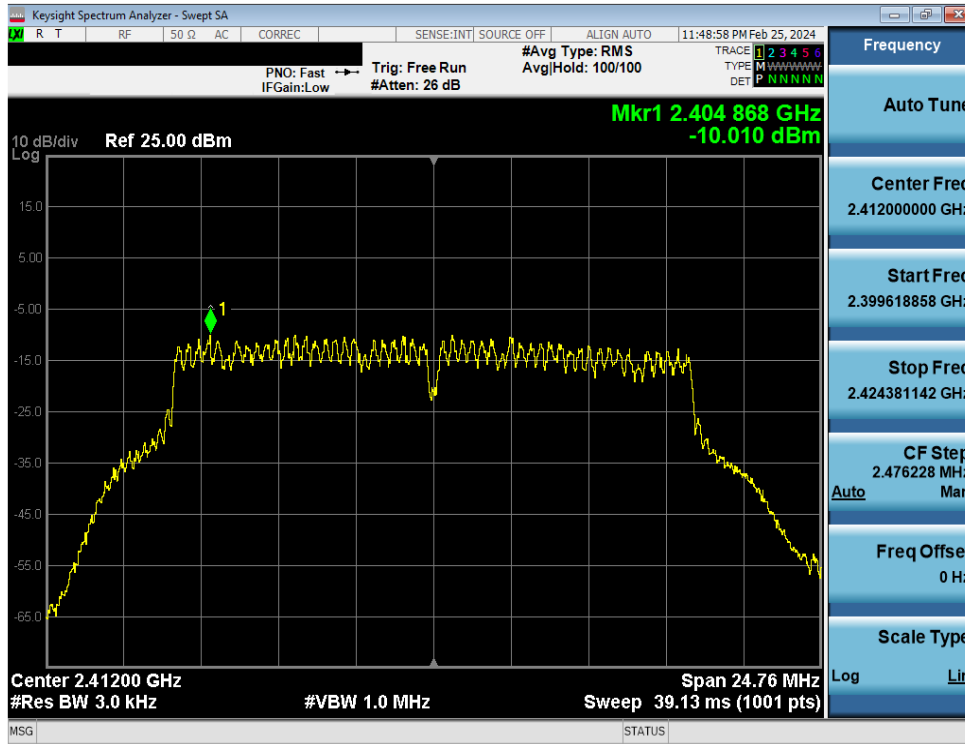
Plot 7-197. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2



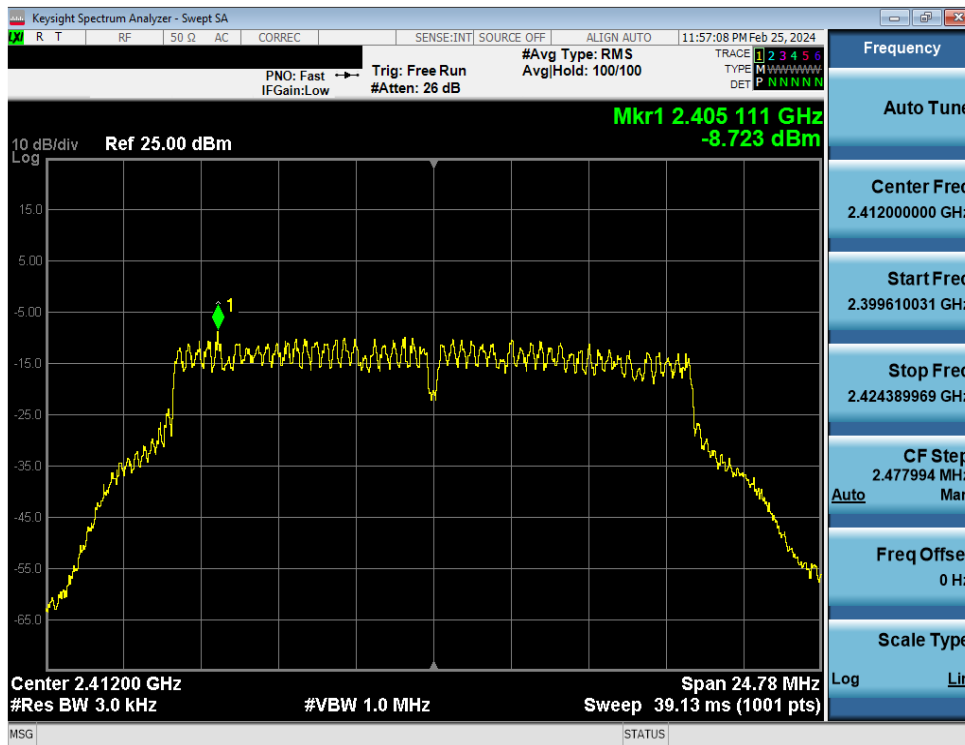
Plot 7-198. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 151 of 583 |

Mid Rate

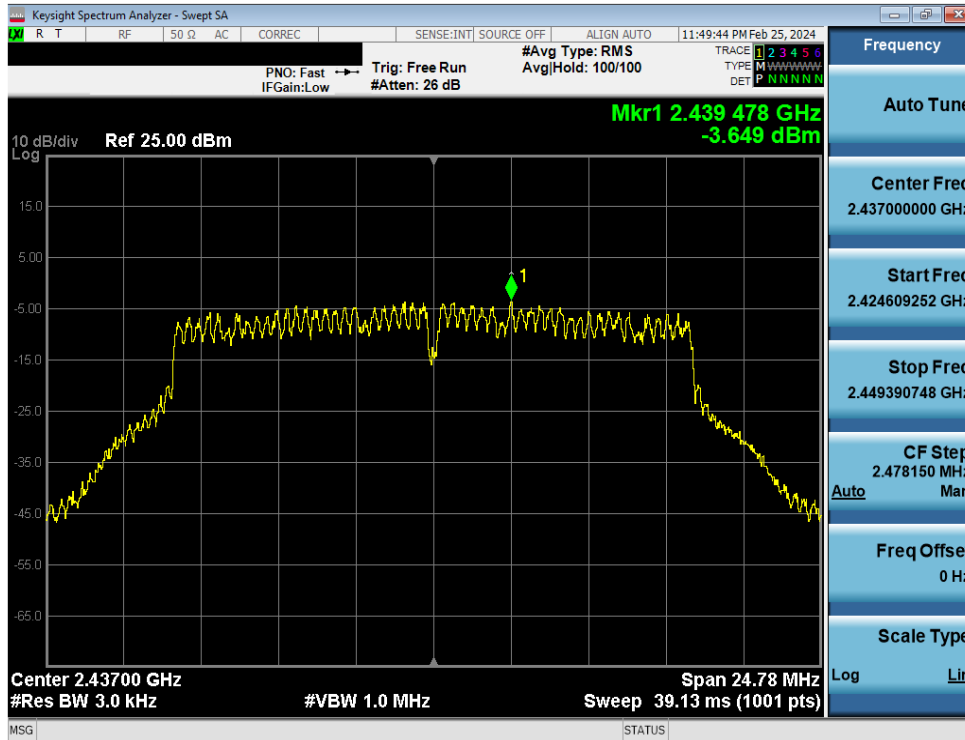


Plot 7-199. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11g– Ch. 1) – 24Mbps

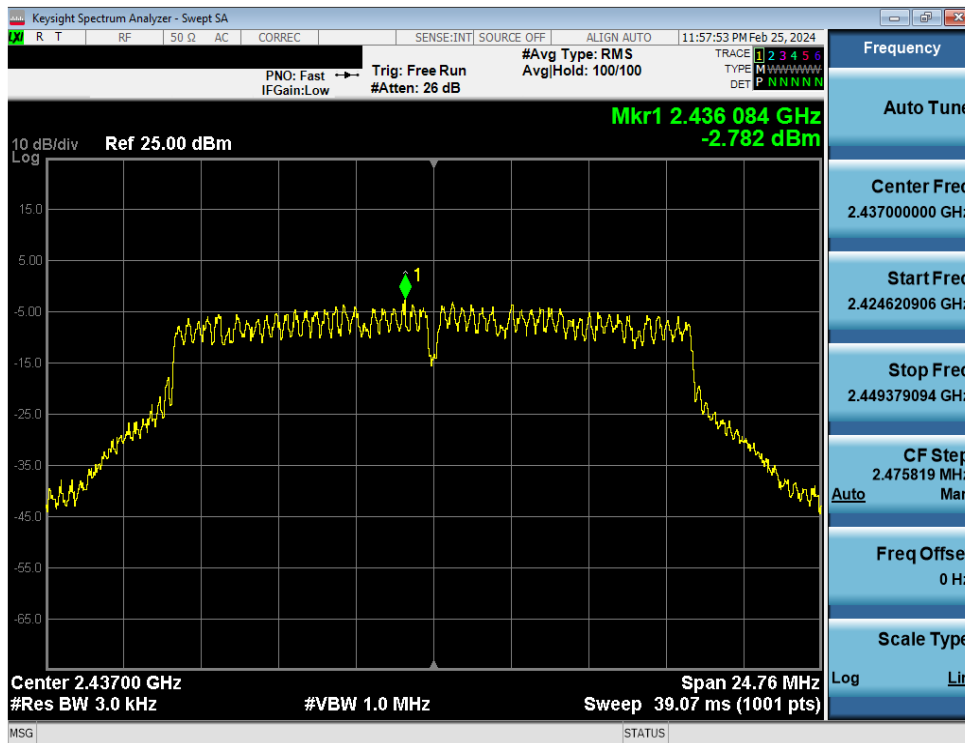


Plot 7-200. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11g– Ch. 1) – 24Mbps

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 152 of 583 |

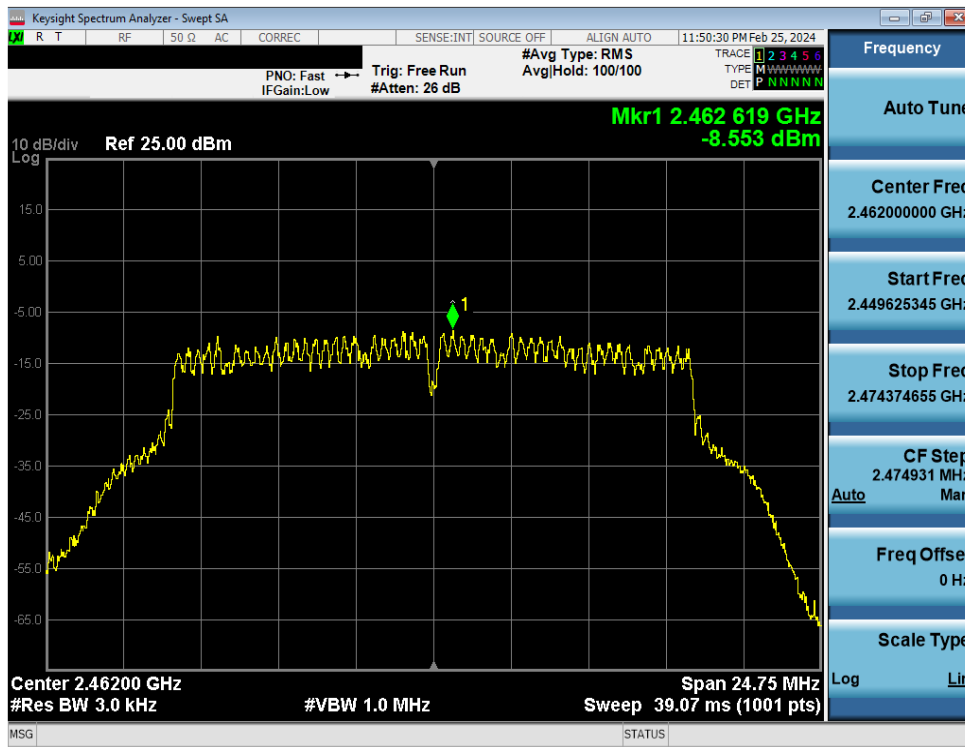


Plot 7-201. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11g– Ch. 6) – 24Mbps

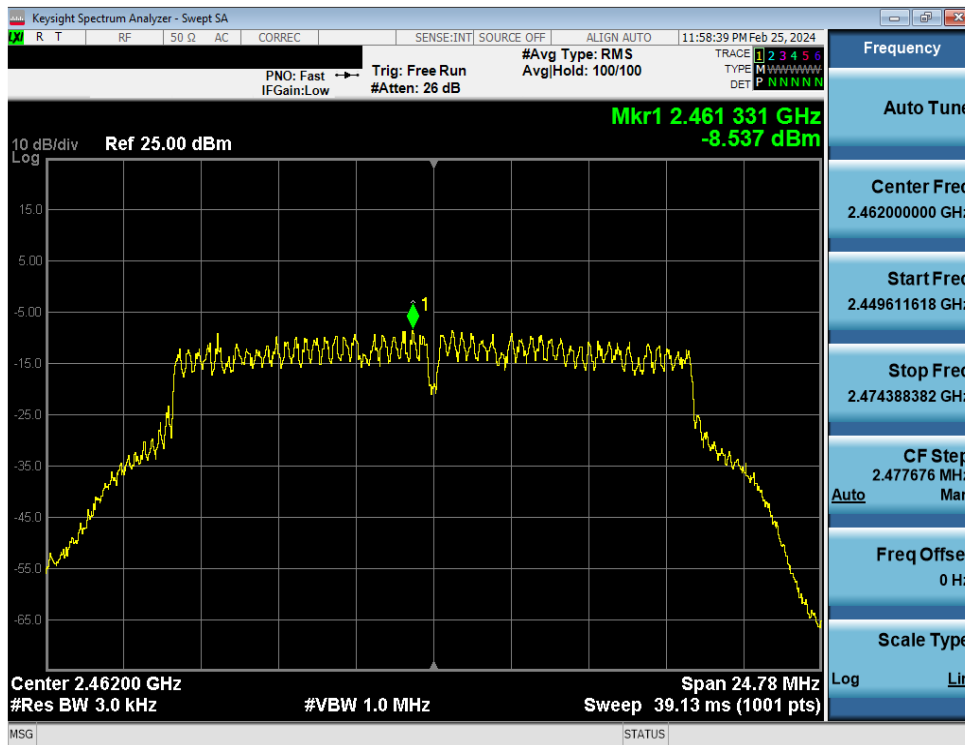


Plot 7-202. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11g– Ch. 6) – 24Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 153 of 583 |

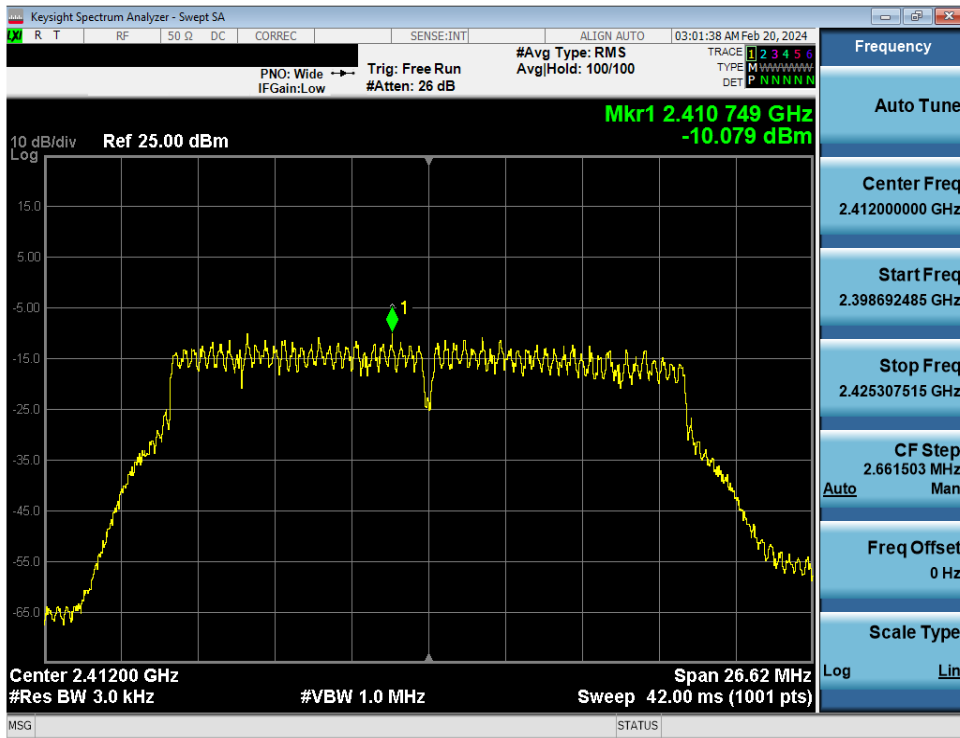


Plot 7-203. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11g- Ch. 11) – 24Mbps

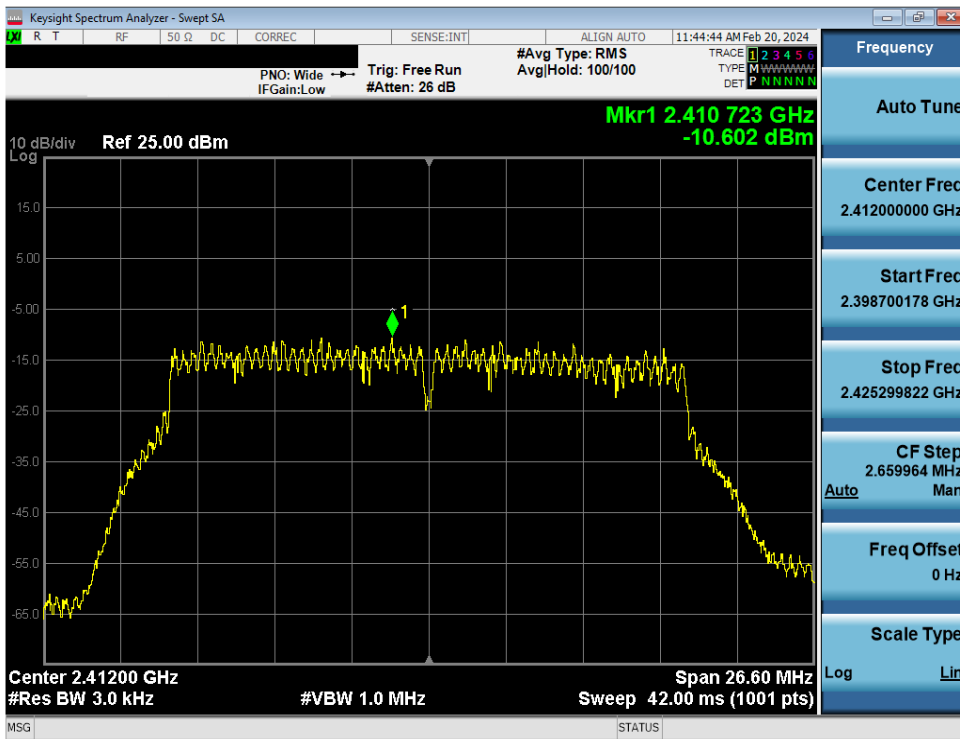


Plot 7-204. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11g- Ch. 11) – 24Mbps

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 154 of 583 |

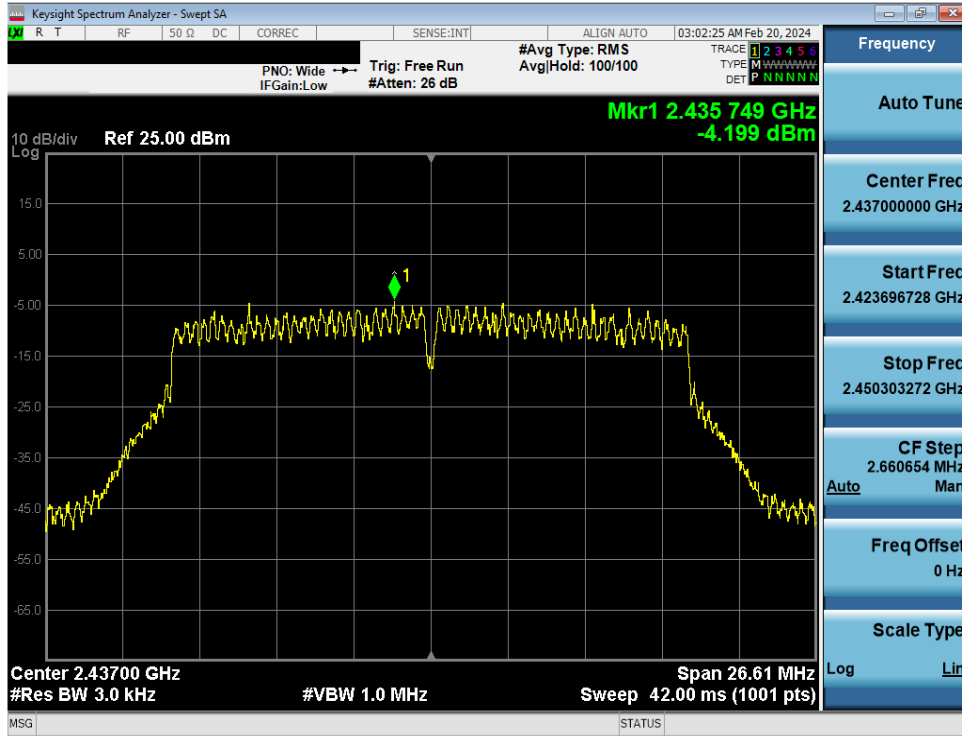


Plot 7-205. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11n (2.4GHz) – Ch. 1) – MCS12

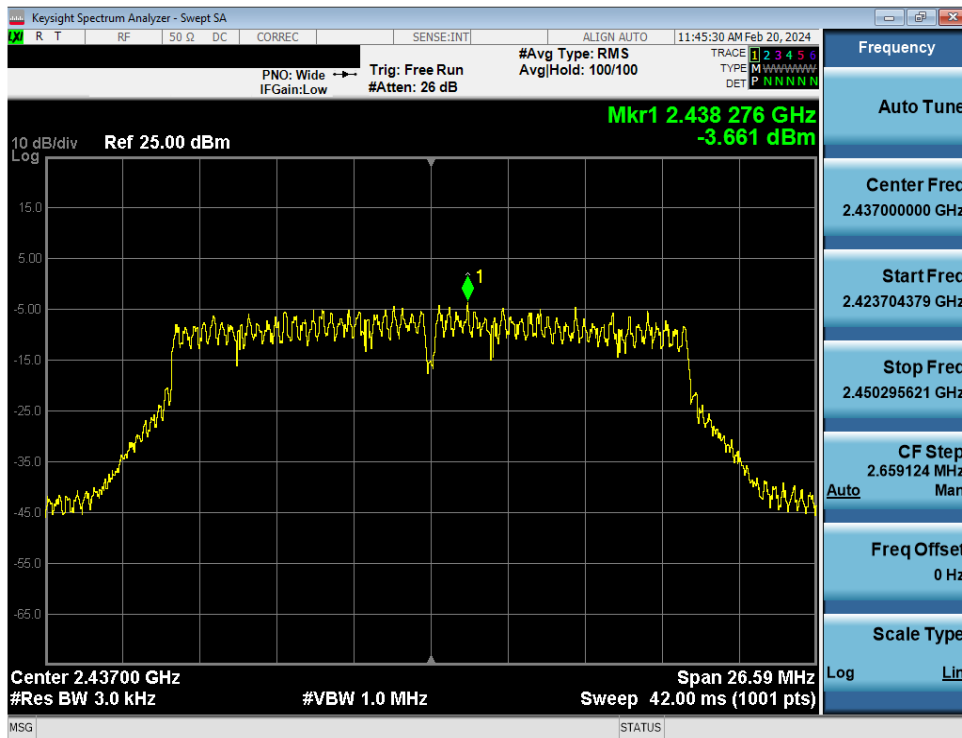


Plot 7-206. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11n (2.4GHz) – Ch. 1) – MCS12

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 155 of 583 |

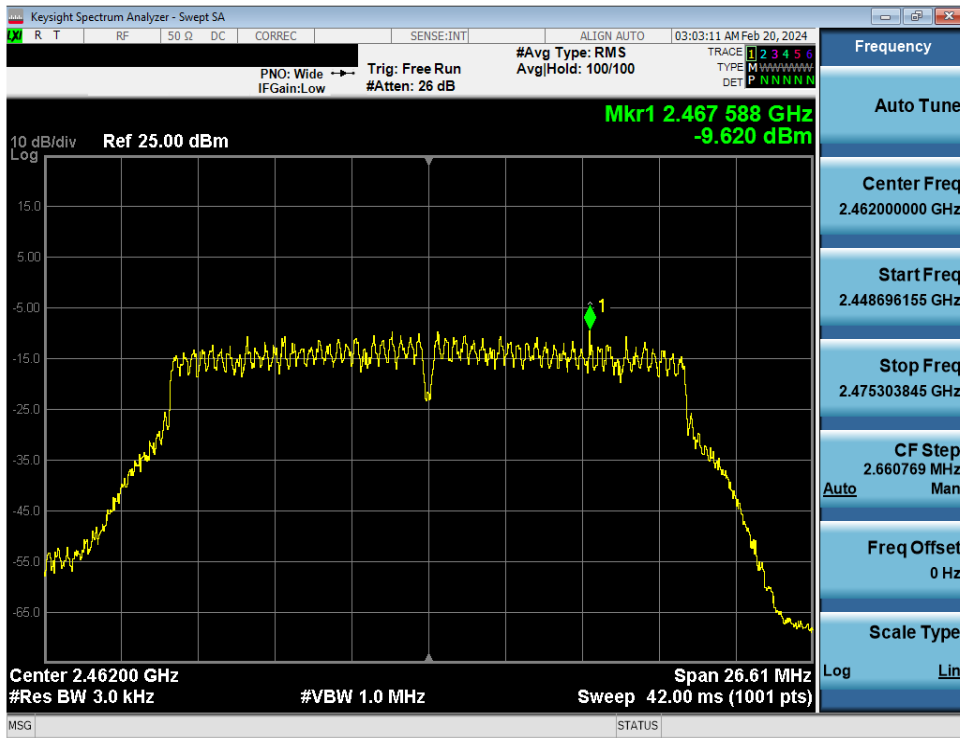


Plot 7-207. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11n (2.4GHz) – Ch. 6) – MCS12

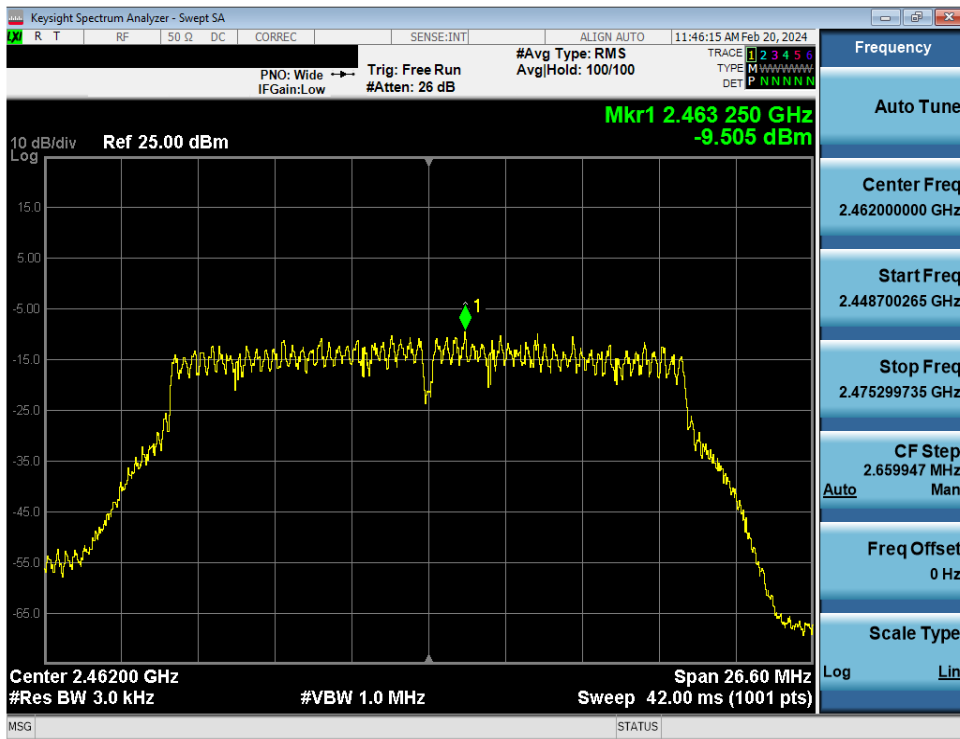


Plot 7-208. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11n (2.4GHz) – Ch. 6) – MCS12

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 156 of 583 |

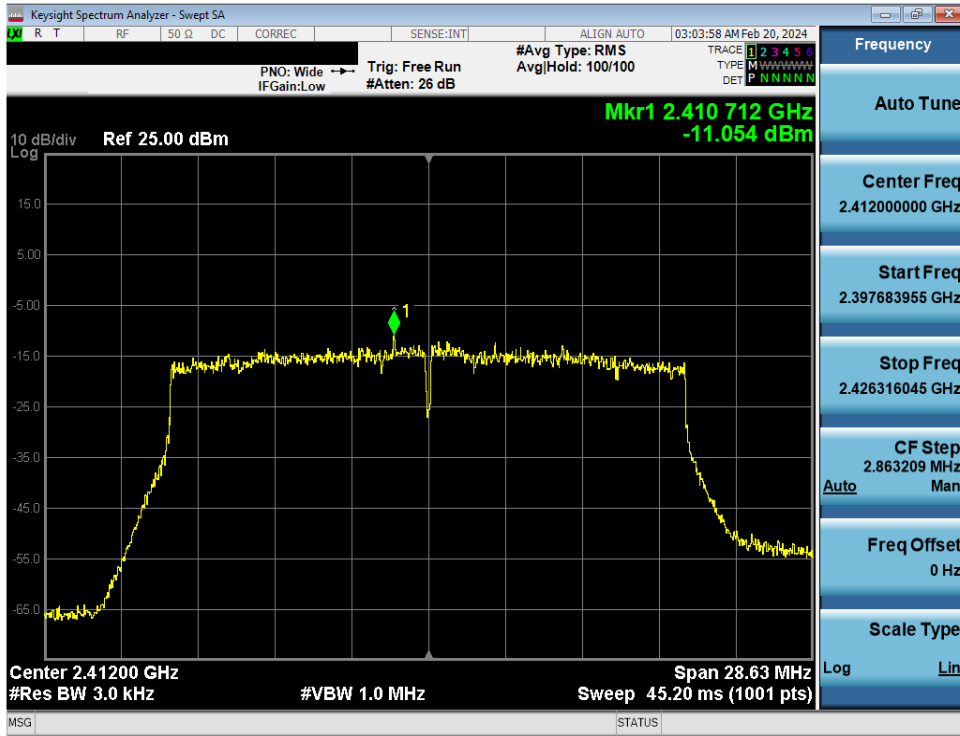


Plot 7-209. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11n (2.4GHz) – Ch. 11) – MCS12

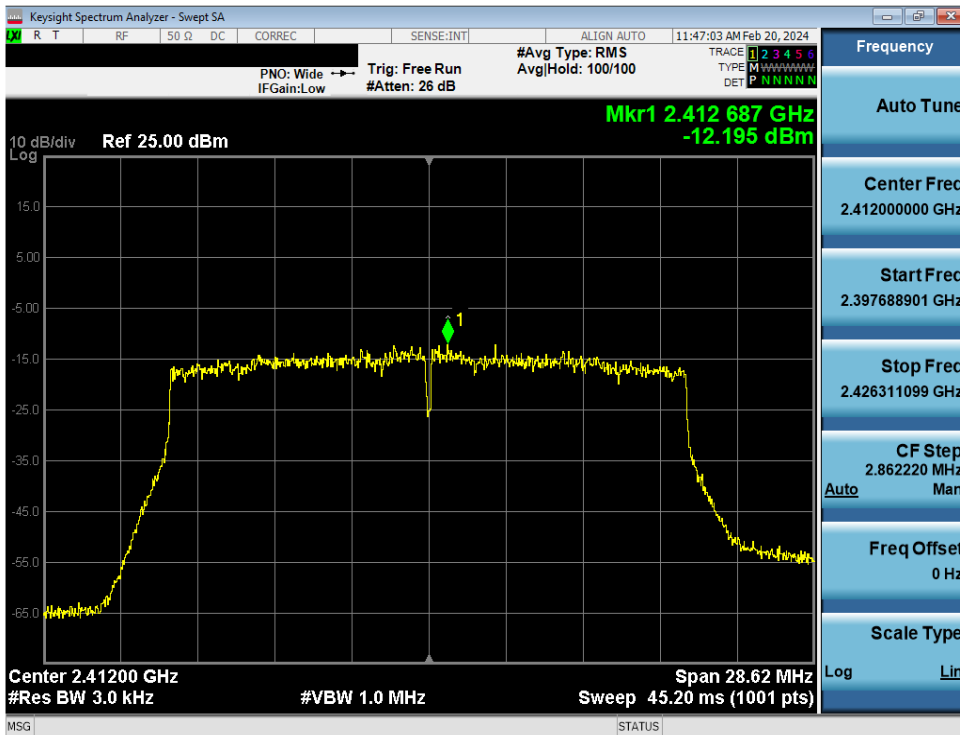


Plot 7-210. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS12

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| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 157 of 583 |

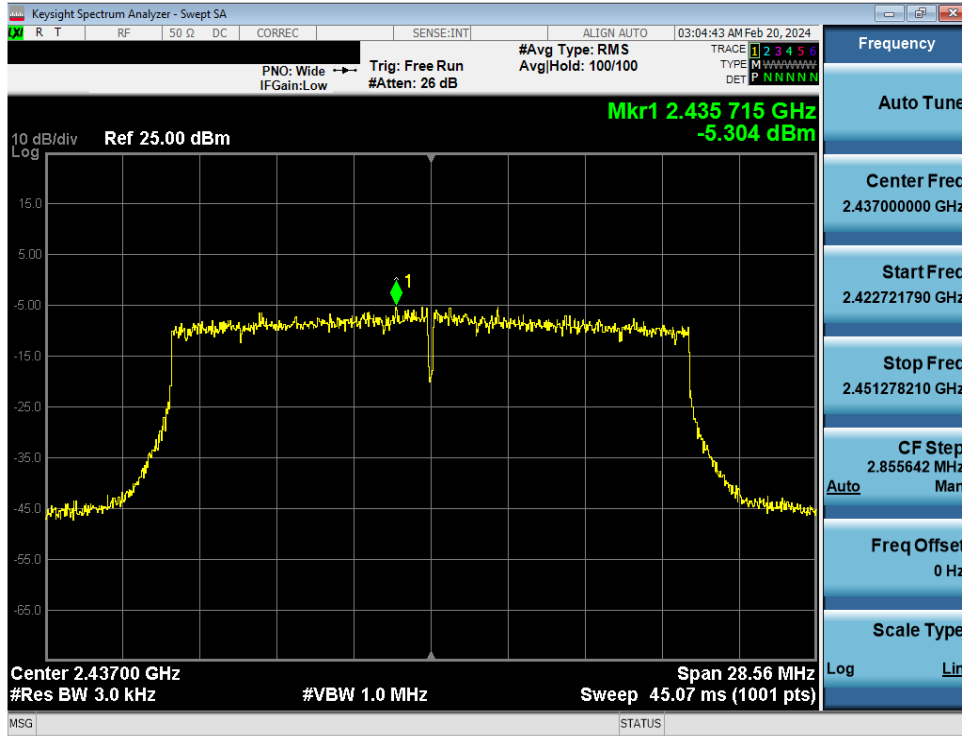


Plot 7-211. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

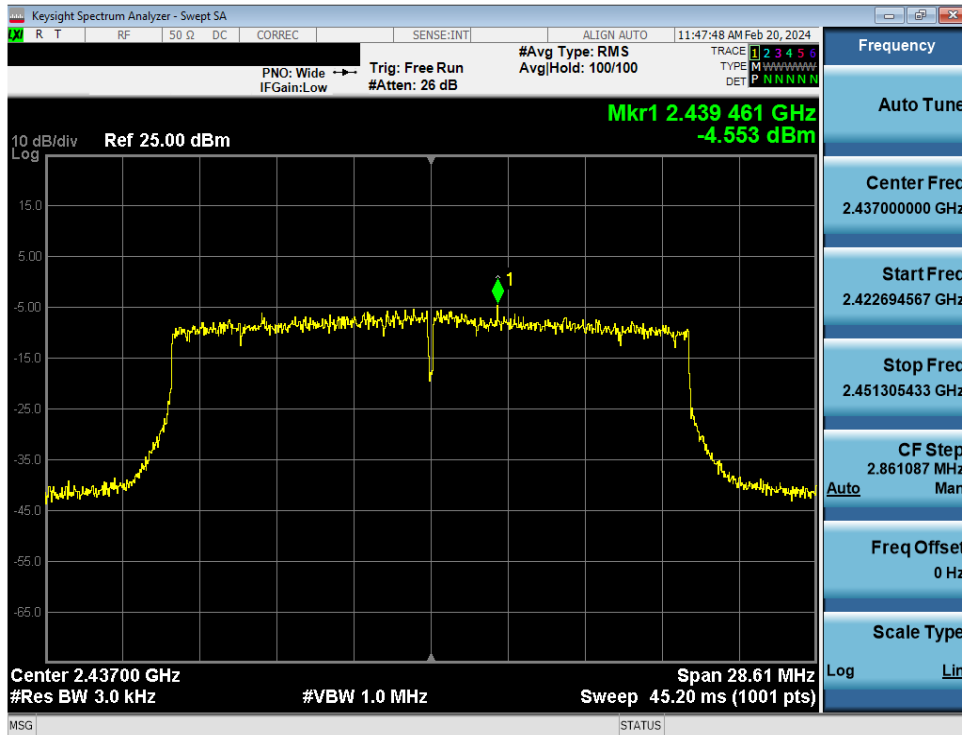


Plot 7-212. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 158 of 583 |



Plot 7-213. Power Spectral Density Plot CDD Primary Antenna WF8 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4



Plot 7-214. Power Spectral Density Plot CDD Primary Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-03.BCG | Test Dates: 1/8/2024 - 3/15/2024 | EUT Type: Tablet Device | Page 159 of 583 |