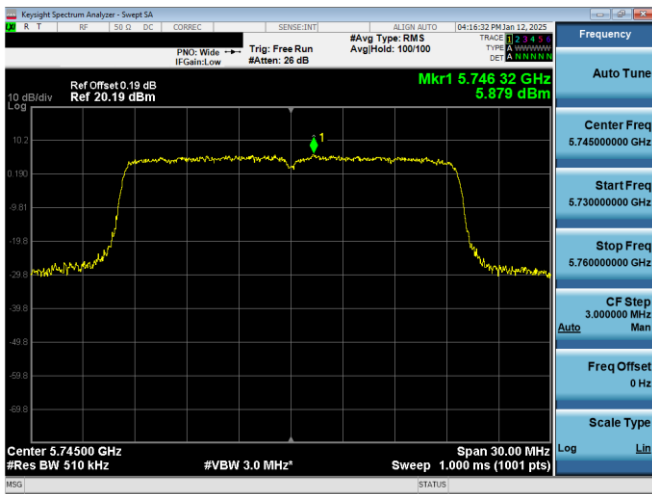


Plot 7-27. PSD Antenna WF7b (40MHz BW 11ax Index 0 – RU26 – Ch.151)



Plot 7-28. PSD Antenna WF7b (20MHz BW 11ax– RU242 – Ch.149)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 120 of 284 |

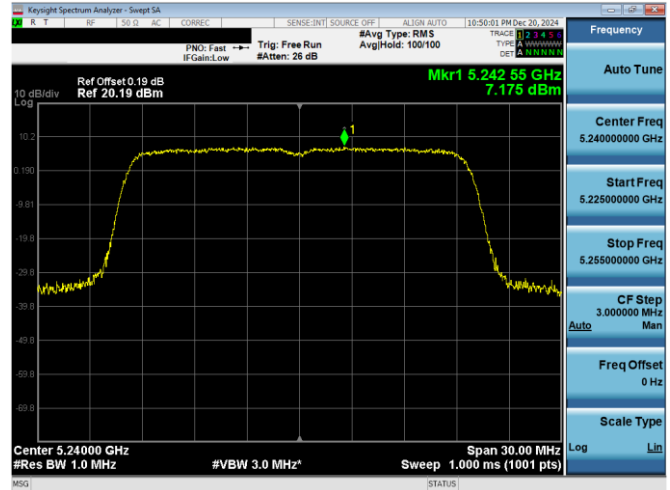
| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|----------------------------------|--------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.16 | 0.00 | 7.16 | 10.0 | -2.84 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 6.02 | 0.00 | 6.02 | 10.0 | -3.98 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 6.87 | 0.00 | 6.87 | 10.0 | -3.14 |
| | 5200 | 40 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.16 | 0.00 | 7.16 | 10.0 | -2.84 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 6.15 | 0.00 | 6.15 | 10.0 | -3.85 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 6.46 | 0.00 | 6.46 | 10.0 | -3.54 |
| | 5240 | 48 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.31 | 0.00 | 7.31 | 10.0 | -2.69 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 6.65 | 0.00 | 6.65 | 10.0 | -3.35 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 6.63 | 0.00 | 6.63 | 10.0 | -3.37 |
| | 5190 | 38 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.96 | 0.00 | 6.96 | 10.0 | -3.04 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.09 | 0.00 | 7.09 | 10.0 | -2.91 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 7.04 | 0.00 | 7.04 | 10.0 | -2.96 |
| | 5230 | 46 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.23 | 0.00 | 6.23 | 10.0 | -3.77 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.05 | 0.00 | 7.05 | 10.0 | -2.95 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 7.22 | 0.00 | 7.22 | 10.0 | -2.78 |
| | 5210 | 42 | ax (80MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.87 | 0.00 | 6.87 | 10.0 | -3.13 |
| | | | | 26 | 18 | 12.5/14.7 (MCS11) | 5.81 | 0.00 | 5.81 | 10.0 | -4.19 |
| | | | | 26 | 36 | 12.5/14.7 (MCS11) | 6.90 | 0.00 | 6.90 | 10.0 | -3.10 |
| | 5250 | 50 (L) | ax (160MHz) | 52 | 37 | 25/29.4 (MCS11) | 6.40 | 0.00 | 6.40 | 10.0 | -3.60 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 6.56 | 0.00 | 6.56 | 10.0 | -3.44 |

Table 7-186. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7b (RU26)

| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.81 | 0.00 | 4.81 | 10.0 | -5.19 |
| | 5200 | 40 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 6.98 | 0.00 | 6.98 | 10.0 | -3.02 |
| | 5240 | 48 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 7.18 | 0.00 | 7.18 | 10.0 | -2.83 |
| | 5190 | 38 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -0.08 | 0.00 | -0.08 | 10.0 | -10.08 |
| | 5230 | 46 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 4.89 | 0.00 | 4.89 | 10.0 | -5.11 |
| | 5210 | 42 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -3.63 | 0.00 | -3.63 | 10.0 | -13.63 |
| | 5250 | 50 | ax (160MHz) | 996x2 | 68 | 1020.8/1201 (MCS11) | -7.69 | 0.00 | -7.69 | 10.0 | -17.69 |

Table 7-187. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7b (Fully-loaded RU)

| | | | |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 121 of 284 |



| | | | |
|--|---|-----------------------------------|--|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 122 of 284 |

7.5.4 Summed CDD/SDM Primary Power Spectral Density Measurements

| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF7a Power Density [dBm/MHz] | Antenna WF2a Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.59 | 6.34 | 9.47 | 11.0 | -1.53 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 5.54 | 5.76 | 8.67 | 11.0 | -2.33 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 6.25 | 6.35 | 9.31 | 11.0 | -1.69 |
| | 5200 | 40 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.45 | 6.68 | 9.58 | 11.0 | -1.42 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 5.11 | 5.79 | 8.48 | 11.0 | -2.52 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 6.39 | 6.34 | 9.37 | 11.0 | -1.63 |
| | 5240 | 48 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.94 | 6.35 | 9.16 | 11.0 | -1.84 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 5.74 | 5.00 | 8.40 | 11.0 | -2.60 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 6.20 | 5.72 | 8.97 | 11.0 | -2.03 |
| | 5190 | 38 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.64 | 6.58 | 9.62 | 11.0 | -1.38 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 6.25 | 7.48 | 9.92 | 11.0 | -1.08 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 6.74 | 7.41 | 10.10 | 11.0 | -0.90 |
| | 5230 | 46 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.30 | 6.49 | 9.41 | 11.0 | -1.59 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 7.05 | 6.63 | 9.85 | 11.0 | -1.15 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 7.05 | 7.03 | 10.05 | 11.0 | -0.95 |
| | 5210 | 42 | ax (80MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.87 | 6.77 | 9.83 | 11.0 | -1.17 |
| | | | | 26 | 18 | 25/29.4 (MCS11) | 5.50 | 5.62 | 8.57 | 11.0 | -2.43 |
| | | | | 26 | 36 | 25/29.4 (MCS11) | 7.20 | 6.55 | 9.90 | 11.0 | -1.10 |

Table 7-188. Bands 1 Power Spectral Density Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 123 of 284 |

| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF7a Power Density [dBm/MHz] | Antenna WF2a Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|-------------|-------------|---------|----------|------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------------|-------------|
| Band 1/2A | 5250 | 50 (L) | ax (160MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.77 | 6.51 | 9.66 | 11.0 | -1.34 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 6.65 | 6.18 | 9.43 | 11.0 | -1.57 |
| | | 50 (U) | | 52 | 52 | 50/58.8 (MCS11) | 5.79 | 5.99 | 8.90 | 11.0 | -2.10 |
| Band 2A | 5260 | 52 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.44 | 6.38 | 9.42 | 11.0 | -1.58 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.20 | 6.29 | 9.25 | 11.0 | -1.75 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.32 | 6.21 | 9.28 | 11.0 | -1.72 |
| | 5280 | 60 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.68 | 6.03 | 9.38 | 11.0 | -1.62 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.30 | 6.11 | 9.21 | 11.0 | -1.79 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.39 | 6.22 | 9.32 | 11.0 | -1.68 |
| | 5320 | 64 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.18 | 6.44 | 9.32 | 11.0 | -1.68 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.62 | 6.24 | 9.45 | 11.0 | -1.55 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 5.87 | 6.04 | 8.97 | 11.0 | -2.03 |
| | 5270 | 54 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.18 | 7.00 | 10.10 | 11.0 | -0.90 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.87 | 6.88 | 9.89 | 11.0 | -1.11 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.80 | 6.96 | 9.89 | 11.0 | -1.11 |
| | 5310 | 62 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.99 | 7.05 | 10.03 | 11.0 | -0.97 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.63 | 6.51 | 9.58 | 11.0 | -1.42 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.83 | 6.54 | 9.70 | 11.0 | -1.30 |
| | 5290 | 58 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.58 | 6.84 | 10.23 | 11.0 | -0.77 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.50 | 6.66 | 9.59 | 11.0 | -1.41 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 5.93 | 6.83 | 9.41 | 11.0 | -1.59 |
| Band 2C | 5500 | 100 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.60 | 6.74 | 9.68 | 11.0 | -1.32 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.11 | 6.75 | 9.45 | 11.0 | -1.55 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.18 | 6.45 | 9.33 | 11.0 | -1.67 |
| | 5580 | 116 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.91 | 6.81 | 9.87 | 11.0 | -1.13 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 7.08 | 6.36 | 9.75 | 11.0 | -1.25 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.48 | 6.62 | 9.56 | 11.0 | -1.44 |
| | 5720 | 144 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.85 | 6.96 | 9.91 | 11.0 | -1.09 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.84 | 6.53 | 9.70 | 11.0 | -1.30 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.44 | 6.56 | 9.51 | 11.0 | -1.49 |
| | 5510 | 102 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.47 | 7.50 | 10.49 | 11.0 | -0.51 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 7.26 | 7.62 | 10.45 | 11.0 | -0.55 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 7.34 | 6.92 | 10.15 | 11.0 | -0.85 |
| | 5550 | 110 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.38 | 7.50 | 10.45 | 11.0 | -0.55 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 7.09 | 6.83 | 9.97 | 11.0 | -1.03 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.45 | 6.66 | 9.57 | 11.0 | -1.43 |
| | *5590 | 118 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.87 | 6.60 | 9.75 | 11.0 | -1.25 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.69 | 6.71 | 9.71 | 11.0 | -1.29 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.78 | 6.29 | 9.56 | 11.0 | -1.44 |
| | 5670 | 134 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.07 | 7.28 | 10.19 | 11.0 | -0.81 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.67 | 6.93 | 9.81 | 11.0 | -1.19 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.83 | 7.53 | 10.21 | 11.0 | -0.79 |
| | 5710 | 142 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.05 | 6.73 | 9.90 | 11.0 | -1.10 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.89 | 7.27 | 10.09 | 11.0 | -0.91 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 7.03 | 7.12 | 10.09 | 11.0 | -0.91 |
| | 5530 | 106 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.13 | 7.29 | 10.22 | 11.0 | -0.78 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 7.22 | 6.69 | 9.97 | 11.0 | -1.03 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 6.53 | 6.74 | 9.65 | 11.0 | -1.35 |
| | *5610 | 122 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.12 | 6.86 | 10.00 | 11.0 | -1.00 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.48 | 6.47 | 9.48 | 11.0 | -1.52 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 6.59 | 7.04 | 9.83 | 11.0 | -1.17 |
| | 5690 | 138 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.14 | 6.22 | 9.19 | 11.0 | -1.81 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.77 | 7.15 | 9.97 | 11.0 | -1.03 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 7.64 | 6.69 | 10.20 | 11.0 | -0.80 |
| | *5570 | 114 (L) | ax (160MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.56 | 6.25 | 9.42 | 11.0 | -1.58 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 5.64 | 5.58 | 8.62 | 11.0 | -2.38 |
| | | 114 (U) | | 52 | 52 | 50/58.8 (MCS11) | 5.56 | 6.29 | 8.95 | 11.0 | -2.05 |

Table 7-189. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Primary (RU52)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

| | | | |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 124 of 284 |

V 10.6 10/27/2023

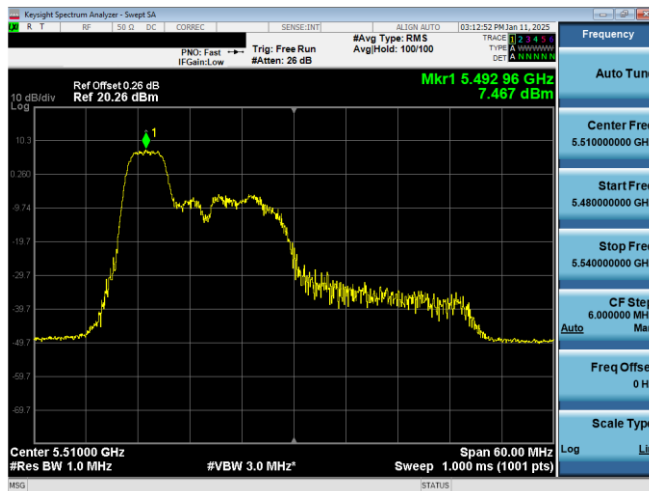
| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF7a Power Density [dBm/MHz] | Antenna WF2a Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|---------|-------------|---------|----------|---------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 4.85 | 4.62 | 7.75 | 11.0 | -3.25 |
| | 5200 | 40 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 7.11 | 7.11 | 10.12 | 11.0 | -0.88 |
| | 5240 | 48 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.67 | 6.72 | 9.70 | 11.0 | -1.30 |
| | 5190 | 38 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 0.21 | 0.07 | 3.15 | 11.0 | -7.85 |
| | 5230 | 46 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 6.06 | 5.89 | 8.99 | 11.0 | -2.01 |
| Band 1/2A | 5210 | 42 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -2.56 | -2.06 | 0.71 | 11.0 | -10.29 |
| | 5250 | 50 | ax (160MHz) | 996x2 | 68 | 2041.6/2402 (MCS11) | -7.41 | -7.09 | -4.23 | 11.0 | -15.23 |
| Band 2A | 5260 | 52 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.66 | 6.69 | 9.68 | 11.0 | -1.32 |
| | 5280 | 60 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.26 | 6.43 | 9.36 | 11.0 | -1.64 |
| | 5320 | 64 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 4.67 | 4.54 | 7.62 | 11.0 | -3.38 |
| | 5270 | 54 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.68 | 5.85 | 8.77 | 11.0 | -2.23 |
| | 5310 | 62 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 1.16 | 1.11 | 4.15 | 11.0 | -6.85 |
| Band 2C | 5290 | 58 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -2.15 | -1.58 | 1.16 | 11.0 | -9.84 |
| | 5500 | 100 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 3.84 | 3.41 | 6.64 | 11.0 | -4.36 |
| | 5580 | 116 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.38 | 6.66 | 9.53 | 11.0 | -1.47 |
| | 5720 | 144 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.62 | 6.66 | 9.65 | 11.0 | -1.35 |
| | 5510 | 102 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 0.43 | 0.28 | 3.37 | 11.0 | -7.63 |
| | 5550 | 110 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.22 | 5.50 | 8.37 | 11.0 | -2.63 |
| | *5590 | 118 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.33 | 5.58 | 8.46 | 11.0 | -2.54 |
| | 5710 | 142 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.60 | 5.65 | 8.63 | 11.0 | -2.37 |
| | 5530 | 106 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -3.07 | -3.00 | -0.02 | 11.0 | -11.02 |
| | *5610 | 122 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | 1.59 | 1.35 | 4.48 | 11.0 | -6.52 |
| | 5690 | 138 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | 2.60 | 3.10 | 5.87 | 11.0 | -5.13 |
| | *5570 | 114 | ax (160MHz) | 996X2 | 68 | 2041.6/2402 (MCS11) | -8.23 | -8.49 | -5.35 | 11.0 | -16.35 |

Table 7-190. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Primary (Fully-loaded RU)

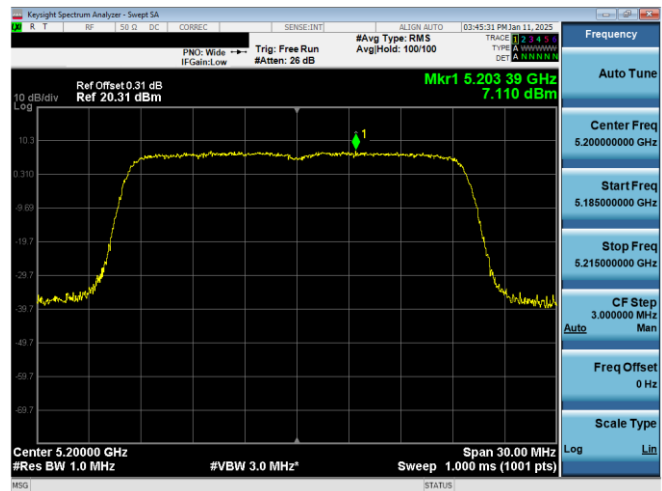
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

| | | | |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 125 of 284 |

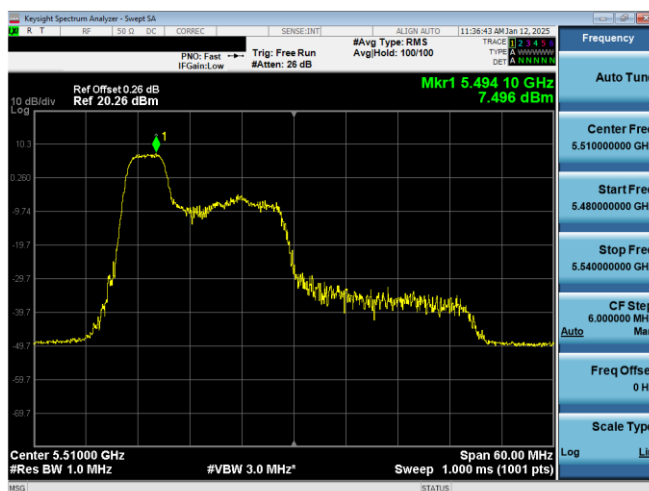
V 10.6 10/27/2023



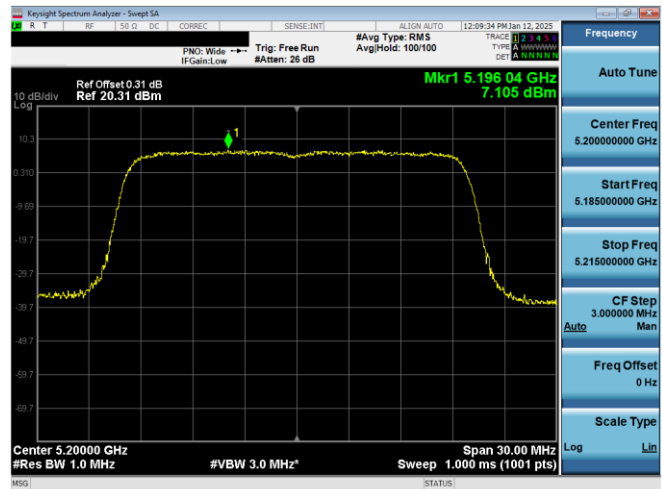
Plot 7-31. PSD CDD Primary Antenna WF7a (40MHz BW 11ax Index 40 – RU52 – Ch.102)



Plot 7-33. PSD CDD Primary Antenna WF7a (20MHz BW 11ax– RU242 – Ch.40)



Plot 7-32. PSD CDD Primary Antenna WF2a (40MHz BW 11ax Index 37 – RU52 – Ch.102)



Plot 7-34. PSD CDD Primary Antenna WF2a (20MHz BW 11ax– RU242 – Ch.40)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 126 of 284 |

| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF7a Power Density [dBm/500kHz] | Antenna WF2a Power Density [dBm/500kHz] | Summed Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|------------------|---|---|-----------------------------------|--|-------------|
| Band 3 | 5745 | 149 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.18 | 4.98 | 8.09 | 30.0 | -21.91 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 4.92 | 5.28 | 8.11 | 30.0 | -21.89 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.34 | 4.84 | 8.11 | 30.0 | -21.89 |
| | 5785 | 157 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 4.89 | 5.31 | 8.11 | 30.0 | -21.89 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 4.76 | 4.39 | 7.59 | 30.0 | -22.41 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 4.86 | 4.79 | 7.83 | 30.0 | -22.17 |
| | 5825 | 165 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.15 | 5.17 | 8.17 | 30.0 | -21.83 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 4.83 | 4.70 | 7.78 | 30.0 | -22.22 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.18 | 5.14 | 8.17 | 30.0 | -21.83 |
| | 5755 | 151 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.02 | 5.94 | 8.99 | 30.0 | -21.01 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.57 | 5.68 | 8.64 | 30.0 | -21.36 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 5.30 | 4.18 | 7.78 | 30.0 | -22.22 |
| | 5795 | 159 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.60 | 4.64 | 8.15 | 30.0 | -21.85 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.22 | 5.34 | 8.29 | 30.0 | -21.71 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 5.06 | 4.72 | 7.90 | 30.0 | -22.10 |
| | 5775 | 155 | ax (80MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.40 | 5.65 | 8.54 | 30.0 | -21.46 |
| | | | | 26 | 18 | 25/29.4 (MCS11) | 4.08 | 4.94 | 7.54 | 30.0 | -22.46 |
| | | | | 26 | 36 | 25/29.4 (MCS11) | 5.38 | 5.14 | 8.27 | 30.0 | -21.73 |

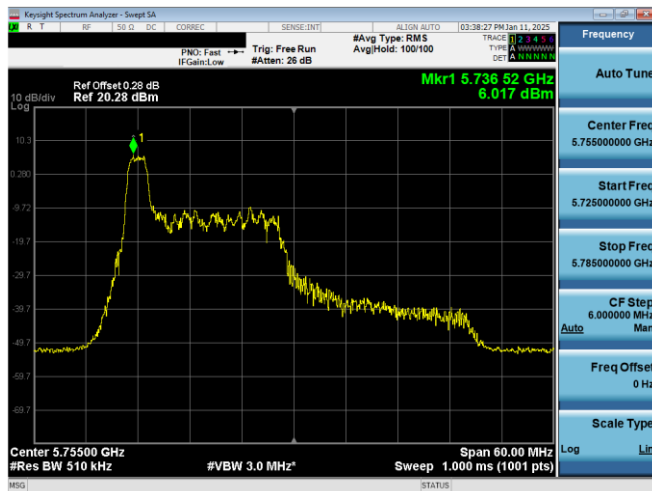
Table 7-191. Band 3 Power Spectral Density Measurements CDD Primary (RU26)

| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF7a Power Density [dBm/500kHz] | Antenna WF2a Power Density [dBm/500kHz] | Summed Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|---|---|-----------------------------------|--|-------------|
| Band 3 | 5745 | 149 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 5.51 | 5.54 | 8.53 | 30.0 | -21.47 |
| | 5785 | 157 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 5.22 | 5.23 | 8.24 | 30.0 | -21.76 |
| | 5825 | 165 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 5.13 | 5.25 | 8.20 | 30.0 | -21.80 |
| | 5755 | 151 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 3.56 | 3.02 | 6.31 | 30.0 | -23.69 |
| | 5795 | 159 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 2.52 | 2.77 | 5.66 | 30.0 | -24.34 |
| | 5775 | 155 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -3.43 | -2.36 | 0.15 | 30.0 | -29.85 |

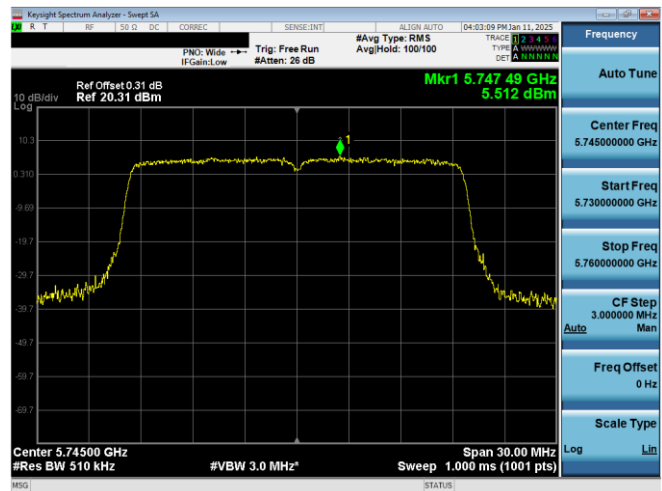
Table 7-192. Band 3 Power Spectral Density Measurements CDD Primary (Fully-loaded RU)

| | | | |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 127 of 284 |

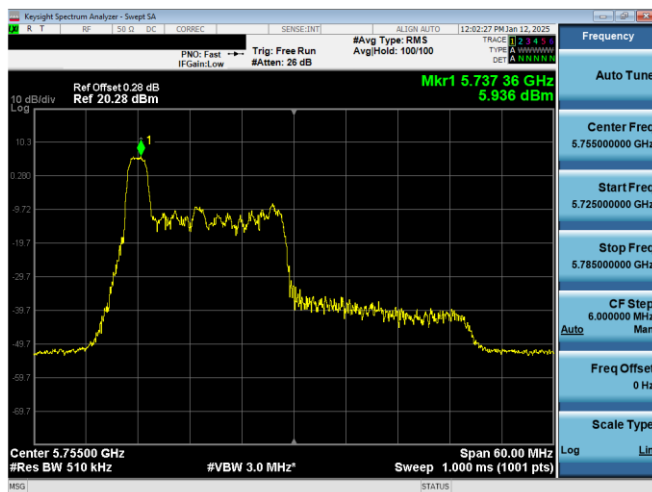
V 10.6 10/27/2023



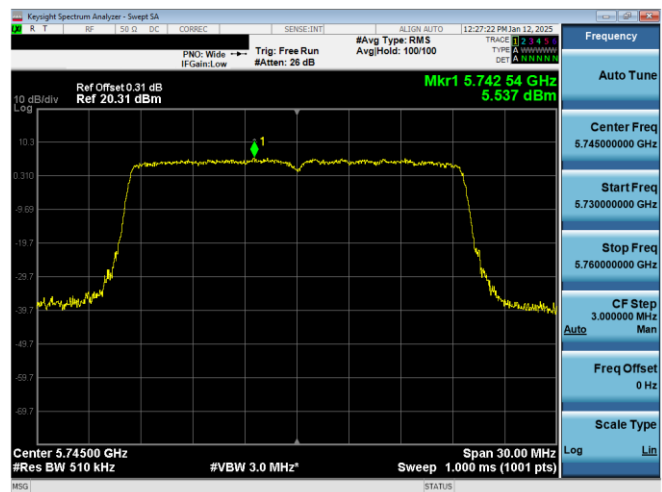
Plot 7-35. PSD CDD Primary Antenna WF7a (40MHz BW 11ax Index 8 – RU26 – Ch.151)



Plot 7-37. PSD CDD Primary Antenna WF7a (20MHz BW 11ax– RU242 – Ch.149)



Plot 7-36. PSD CDD Primary Antenna WF2a (40MHz BW 11ax Index 8 – RU26 – Ch.151)



Plot 7-38. PSD CDD Primary Antenna WF2a (20MHz BW 11ax– RU242 – Ch.149)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 128 of 284 |

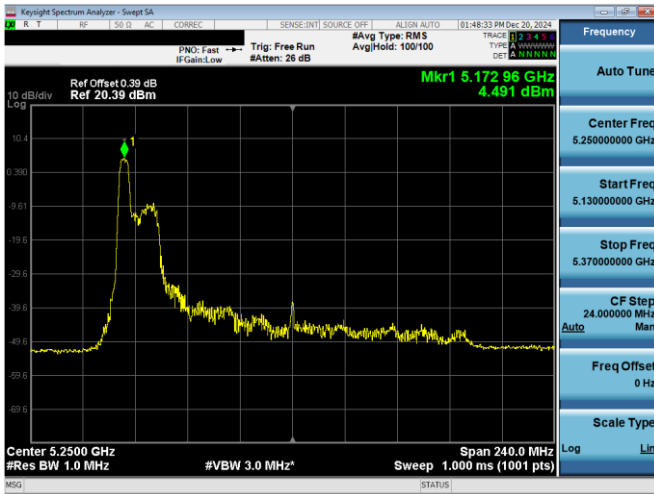
| | Frequency [MHz] | Channel No. | 802.11 MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF7a Power Density [dBm/MHz] | Antenna WF2a Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directional Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|------|---------|----------|------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.53 | 4.15 | 6.86 | 0.80 | 7.66 | 10.0 | -2.34 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 2.94 | 3.23 | 6.09 | 0.80 | 6.89 | 10.0 | -3.11 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 3.71 | 3.89 | 6.81 | 0.80 | 7.61 | 10.0 | -2.39 |
| | 5200 | 40 | ax (20MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.79 | 3.41 | 6.61 | 0.80 | 7.41 | 10.0 | -2.59 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 3.01 | 2.52 | 5.78 | 0.80 | 6.58 | 10.0 | -3.42 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 4.07 | 3.80 | 6.95 | 0.80 | 7.75 | 10.0 | -2.25 |
| | 5240 | 48 | ax (20MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 4.17 | 4.15 | 7.17 | 0.80 | 7.97 | 10.0 | -2.03 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 3.15 | 3.22 | 6.20 | 0.80 | 7.00 | 10.0 | -3.00 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 4.26 | 4.12 | 7.20 | 0.80 | 8.00 | 10.0 | -2.00 |
| | 5190 | 38 | ax (40MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.68 | 3.85 | 6.77 | 0.80 | 7.57 | 10.0 | -2.43 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 3.66 | 3.95 | 6.82 | 0.80 | 7.62 | 10.0 | -2.38 |
| | | | | | 26 | 17 | 25/29.4 (MCS11) | 3.45 | 3.59 | 6.53 | 0.80 | 7.33 | 10.0 | -2.67 |
| | 5230 | 46 | ax (40MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 4.18 | 3.66 | 6.94 | 0.80 | 7.74 | 10.0 | -2.26 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 4.21 | 4.14 | 7.19 | 0.80 | 7.99 | 10.0 | -2.01 |
| | | | | | 26 | 17 | 25/29.4 (MCS11) | 4.21 | 3.84 | 7.04 | 0.80 | 7.84 | 10.0 | -2.16 |
| | 5210 | 42 | ax (80MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 4.16 | 3.30 | 6.76 | 0.80 | 7.56 | 10.0 | -2.44 |
| | | | | | 26 | 18 | 25/29.4 (MCS11) | 2.21 | 2.54 | 5.39 | 0.80 | 6.19 | 10.0 | -3.81 |
| | | | | | 26 | 36 | 25/29.4 (MCS11) | 4.17 | 4.11 | 7.15 | 0.80 | 7.95 | 10.0 | -2.05 |
| | 5250 | 50 (L) | ax (160MHz) | SDM | 52 | 37 | 50/58.8 (MCS11) | 4.49 | 4.37 | 7.44 | 0.80 | 8.24 | 10.0 | -1.76 |
| | | | | | 52 | 52 | 50/58.8 (MCS11) | 4.04 | 4.21 | 7.14 | 0.80 | 7.94 | 10.0 | -2.06 |

Table 7-193. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Primary (RU26)

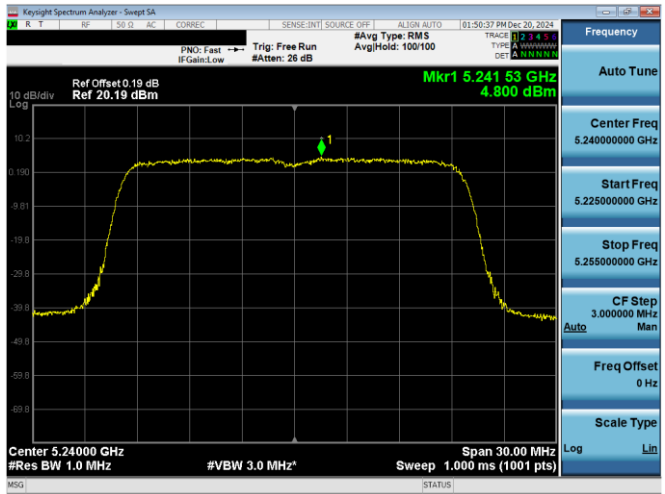
| | Frequency [MHz] | Channel | 802.11 MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF7a Power Density [dBm/MHz] | Antenna WF2a Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directional Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|------|---------|----------|---------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 3.98 | 4.49 | 7.25 | 0.80 | 8.05 | 10.0 | -1.95 |
| | 5200 | 40 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 4.55 | 4.33 | 7.45 | 0.80 | 8.25 | 10.0 | -1.75 |
| | 5240 | 48 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 4.80 | 4.52 | 7.67 | 0.80 | 8.47 | 10.0 | -1.53 |
| | 5190 | 38 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | -0.72 | -0.82 | 2.24 | 3.81 | 6.05 | 10.0 | -3.95 |
| | 5230 | 46 | ax (40MHz) | SDM | 484 | 65 | 487.5/573.5 (MCS11) | 3.53 | 3.44 | 6.50 | 0.80 | 7.30 | 10.0 | -2.70 |
| | 5210 | 42 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -3.95 | -3.45 | -0.69 | 3.81 | 3.13 | 10.0 | -6.87 |
| | 5250 | 50 | ax (160MHz) | CDD | 996x2 | 68 | 2041.6/2402 (MCS11) | -8.16 | -7.86 | -5.00 | 3.81 | -1.19 | 10.0 | -11.19 |
| | | | | | | | | | | | | | | |

Table 7-194. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Primary (Fully-loaded RU)

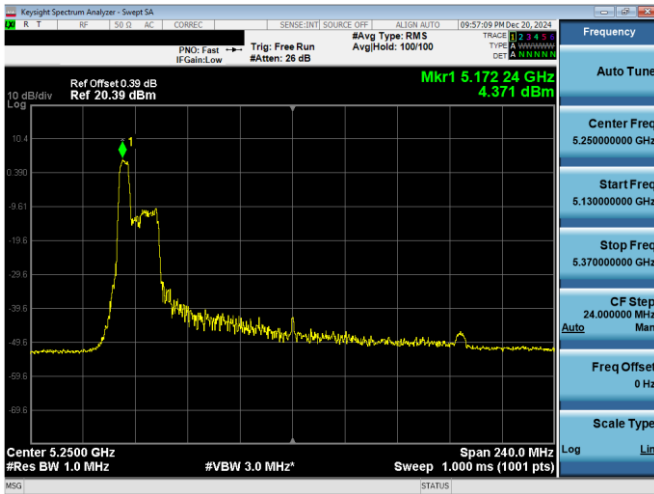
| | | | | |
|---|---|----------------------------|--|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | | Page 129 of 284 |



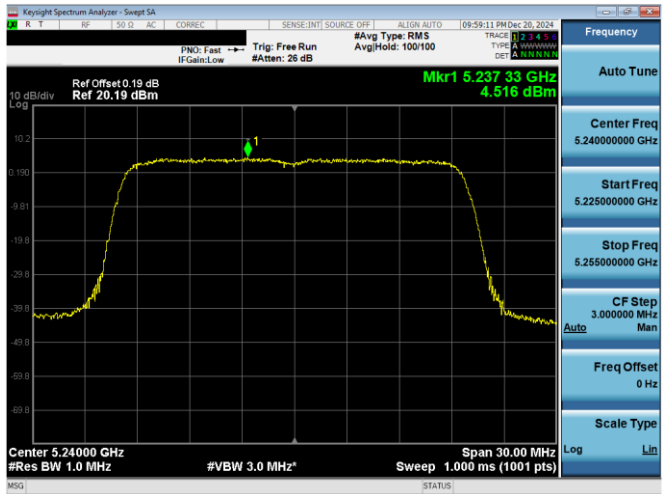
Plot 7-39. ISD PSD SDM Primary Antenna WF7a (160MHz BW 11ax Index 0 - RU52 - Ch.50)



Plot 7-41. ISD PSD SDM Primary Antenna WF7a (20MHz BW 11ax- RU242 - Ch.48)



Plot 7-40. ISD PSD SDM Primary Antenna WF2a (160MHz BW 11ax Index 0 - RU52 - Ch.50)



Plot 7-42. ISD PSD SDM Primary Antenna WF2a (20MHz BW 11ax- RU242 - Ch.48)

| | | | |
|---|--------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 130 of 284 |

7.5.5 Summed CDD/SDM Diversity Power Spectral Density Measurements

| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF2a Power Density [dBm/MHz] | Antenna WF7b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.34 | 7.16 | 9.78 | 11.0 | -1.22 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 5.76 | 5.87 | 8.82 | 11.0 | -2.18 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 6.35 | 6.65 | 9.51 | 11.0 | -1.49 |
| | 5200 | 40 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.68 | 6.69 | 9.70 | 11.0 | -1.30 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 5.79 | 5.59 | 8.70 | 11.0 | -2.30 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 6.34 | 6.89 | 9.63 | 11.0 | -1.37 |
| | 5240 | 48 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.35 | 6.56 | 9.47 | 11.0 | -1.53 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 5.00 | 5.72 | 8.38 | 11.0 | -2.62 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.72 | 6.81 | 9.31 | 11.0 | -1.69 |
| | 5190 | 38 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.58 | 6.97 | 9.79 | 11.0 | -1.21 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 7.48 | 7.25 | 10.38 | 11.0 | -0.62 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 7.41 | 6.85 | 10.15 | 11.0 | -0.85 |
| | 5230 | 46 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.49 | 6.86 | 9.69 | 11.0 | -1.31 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 6.63 | 6.75 | 9.70 | 11.0 | -1.30 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 7.03 | 7.02 | 10.03 | 11.0 | -0.97 |
| | 5210 | 42 | ax (80MHz) | 26 | 0 | 25/29.4 (MCS11) | 6.77 | 6.38 | 9.59 | 11.0 | -1.41 |
| | | | | 26 | 18 | 25/29.4 (MCS11) | 5.62 | 5.97 | 8.81 | 11.0 | -2.19 |
| | | | | 26 | 36 | 25/29.4 (MCS11) | 6.55 | 6.46 | 9.51 | 11.0 | -1.49 |

Table 7-195. Bands 1 Power Spectral Density Measurements CDD Diversity (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 131 of 284 |

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| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF2a Power Density [dBm/MHz] | Antenna WF7b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|--------------------|----------------|----------------|---------|-----------------|------------------|--|--|--------------------------------------|-----------------------------------|----------------|
| Band 1/2A | 5250 | 50 (L) | ax (160MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.51 | 6.78 | 9.66 | 11.0 | -1.34 |
| | | 52 | | 52 | 50/58.8 (MCS11) | 6.18 | 5.83 | 9.02 | 11.0 | -1.98 | |
| | | 50 (U) | | 52 | 52 | 50/58.8 (MCS11) | 5.99 | 6.46 | 9.24 | 11.0 | -1.76 |
| Band 2A | 5260 | 52 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.38 | 6.51 | 9.46 | 11.0 | -1.54 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.29 | 6.66 | 9.49 | 11.0 | -1.51 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.21 | 6.69 | 9.47 | 11.0 | -1.53 |
| | 5280 | 60 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.03 | 7.13 | 9.62 | 11.0 | -1.38 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.11 | 6.84 | 9.50 | 11.0 | -1.50 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.22 | 6.80 | 9.53 | 11.0 | -1.47 |
| | 5320 | 64 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.44 | 6.58 | 9.52 | 11.0 | -1.48 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.24 | 6.86 | 9.58 | 11.0 | -1.42 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.04 | 6.45 | 9.26 | 11.0 | -1.74 |
| | 5270 | 54 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.00 | 7.39 | 10.21 | 11.0 | -0.79 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.88 | 7.35 | 10.13 | 11.0 | -0.87 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.96 | 7.08 | 10.03 | 11.0 | -0.97 |
| | 5310 | 62 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.05 | 6.96 | 10.02 | 11.0 | -0.98 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.51 | 7.14 | 9.85 | 11.0 | -1.15 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.54 | 7.08 | 9.83 | 11.0 | -1.17 |
| | 5290 | 58 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.84 | 7.28 | 10.08 | 11.0 | -0.92 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.66 | 6.92 | 9.81 | 11.0 | -1.19 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 6.83 | 6.62 | 9.74 | 11.0 | -1.26 |
| Band 2C | 5500 | 100 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.74 | 7.02 | 9.89 | 11.0 | -1.11 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.75 | 6.43 | 9.60 | 11.0 | -1.40 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.45 | 6.25 | 9.36 | 11.0 | -1.64 |
| | 5580 | 116 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.81 | 6.33 | 9.59 | 11.0 | -1.41 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.36 | 6.46 | 9.42 | 11.0 | -1.58 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.62 | 6.55 | 9.60 | 11.0 | -1.40 |
| | 5720 | 144 | ax (20MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.96 | 6.84 | 9.91 | 11.0 | -1.09 |
| | | | | 52 | 38 | 50/58.8 (MCS11) | 6.53 | 6.85 | 9.70 | 11.0 | -1.30 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.56 | 6.67 | 9.63 | 11.0 | -1.37 |
| | 5510 | 102 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.50 | 7.26 | 10.39 | 11.0 | -0.61 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 7.62 | 7.70 | 10.67 | 11.0 | -0.33 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.92 | 6.87 | 9.90 | 11.0 | -1.10 |
| | 5550 | 110 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.50 | 7.30 | 10.41 | 11.0 | -0.59 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.83 | 7.03 | 9.94 | 11.0 | -1.06 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.66 | 6.82 | 9.75 | 11.0 | -1.25 |
| | *5590 | 118 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.60 | 6.86 | 9.74 | 11.0 | -1.26 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.71 | 6.67 | 9.70 | 11.0 | -1.30 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.29 | 6.84 | 9.59 | 11.0 | -1.41 |
| | 5670 | 134 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.28 | 6.05 | 9.72 | 11.0 | -1.28 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 6.93 | 7.11 | 10.03 | 11.0 | -0.97 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 7.53 | 6.72 | 10.16 | 11.0 | -0.84 |
| | 5710 | 142 | ax (40MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.73 | 7.19 | 9.97 | 11.0 | -1.03 |
| | | | | 52 | 40 | 50/58.8 (MCS11) | 7.27 | 7.10 | 10.20 | 11.0 | -0.80 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 7.12 | 7.09 | 10.11 | 11.0 | -0.89 |
| | 5530 | 106 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 7.29 | 7.78 | 10.55 | 11.0 | -0.45 |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 6.69 | 7.02 | 9.87 | 11.0 | -1.13 |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 6.74 | 7.54 | 10.17 | 11.0 | -0.83 |
| | *5610 | 122 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.86 | 6.87 | 9.88 | 11.0 | -1.12 |
| 52 | | | | 44 | 50/58.8 (MCS11) | 6.47 | 6.27 | 9.38 | 11.0 | -1.62 | |
| 52 | | | | 52 | 50/58.8 (MCS11) | 7.04 | 6.38 | 9.73 | 11.0 | -1.27 | |
| 5690 | 138 | ax (80MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.22 | 6.87 | 9.56 | 11.0 | -1.44 | |
| | | | 52 | 44 | 50/58.8 (MCS11) | 7.15 | 6.73 | 9.95 | 11.0 | -1.05 | |
| | | | 52 | 52 | 50/58.8 (MCS11) | 6.69 | 7.51 | 10.13 | 11.0 | -0.87 | |
| *5570 | 114 (L) | ax (160MHz) | 52 | 37 | 50/58.8 (MCS11) | 6.25 | 6.01 | 9.14 | 11.0 | -1.86 | |
| | 114 (U) | | 52 | 52 | 50/58.8 (MCS11) | 5.58 | 4.73 | 8.19 | 11.0 | -2.81 | |
| | | | 52 | 52 | 50/58.8 (MCS11) | 6.29 | 6.19 | 9.25 | 11.0 | -1.75 | |

Table 7-196. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Diversity (RU52)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

| | | | |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 132 of 284 |

| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF2a Power Density [dBm/MHz] | Antenna WF7b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|---------|-------------|---------|----------|---------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 4.62 | 4.61 | 7.63 | 11.0 | -3.37 |
| | 5200 | 40 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 7.11 | 7.14 | 10.13 | 11.0 | -0.87 |
| | 5240 | 48 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.72 | 6.79 | 9.76 | 11.0 | -1.24 |
| | 5190 | 38 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 0.07 | 0.13 | 3.11 | 11.0 | -7.89 |
| | 5230 | 46 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.89 | 6.04 | 8.97 | 11.0 | -2.03 |
| Band 1/2A | 5210 | 42 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -2.06 | -2.43 | 0.77 | 11.0 | -10.23 |
| | 5250 | 50 | ax (160MHz) | 996x2 | 68 | 2041.6/2402 (MCS11) | -7.09 | -7.29 | -4.18 | 11.0 | -15.18 |
| Band 2A | 5260 | 52 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.69 | 6.93 | 9.82 | 11.0 | -1.18 |
| | 5280 | 60 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.43 | 6.48 | 9.46 | 11.0 | -1.54 |
| | 5320 | 64 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 4.54 | 4.77 | 7.67 | 11.0 | -3.33 |
| | 5270 | 54 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.85 | 6.03 | 8.95 | 11.0 | -2.05 |
| | 5310 | 62 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 1.11 | 0.92 | 4.03 | 11.0 | -6.97 |
| Band 2C | 5290 | 58 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -1.58 | -1.83 | 1.31 | 11.0 | -9.69 |
| | 5500 | 100 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 3.41 | 3.93 | 6.69 | 11.0 | -4.31 |
| | 5580 | 116 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.66 | 6.56 | 9.62 | 11.0 | -1.38 |
| | 5720 | 144 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 6.66 | 6.78 | 9.73 | 11.0 | -1.27 |
| | 5510 | 102 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 0.28 | 0.43 | 3.36 | 11.0 | -7.64 |
| | 5550 | 110 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.50 | 5.60 | 8.56 | 11.0 | -2.44 |
| | *5590 | 118 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.58 | 5.64 | 8.62 | 11.0 | -2.38 |
| | 5710 | 142 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 5.65 | 5.75 | 8.71 | 11.0 | -2.29 |
| | 5530 | 106 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -3.00 | -2.95 | 0.04 | 11.0 | -10.96 |
| | *5610 | 122 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | 1.35 | 1.50 | 4.43 | 11.0 | -6.57 |
| | 5690 | 138 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | 3.10 | 3.10 | 6.11 | 11.0 | -4.89 |
| | *5570 | 114 | ax (160MHz) | 996x2 | 68 | 2041.6/2402 (MCS11) | -8.49 | -8.42 | -5.44 | 11.0 | -16.44 |

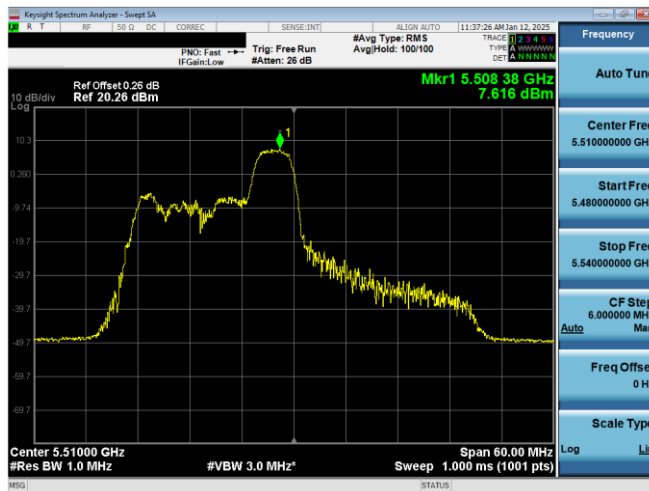
Table 7-197. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Diversity (Fully-loaded RU)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

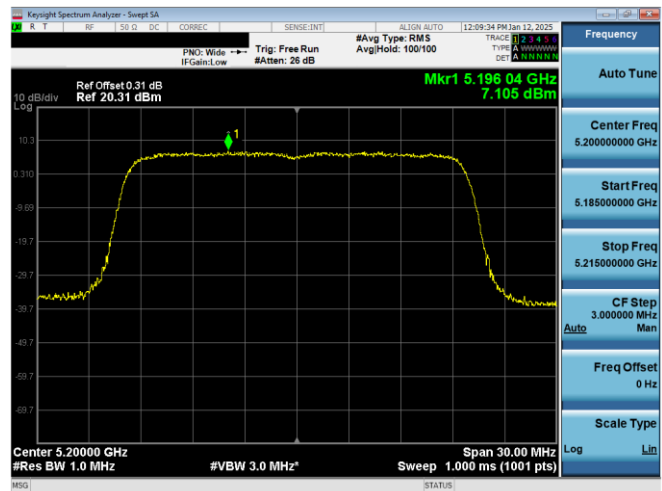
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 133 of 284 |

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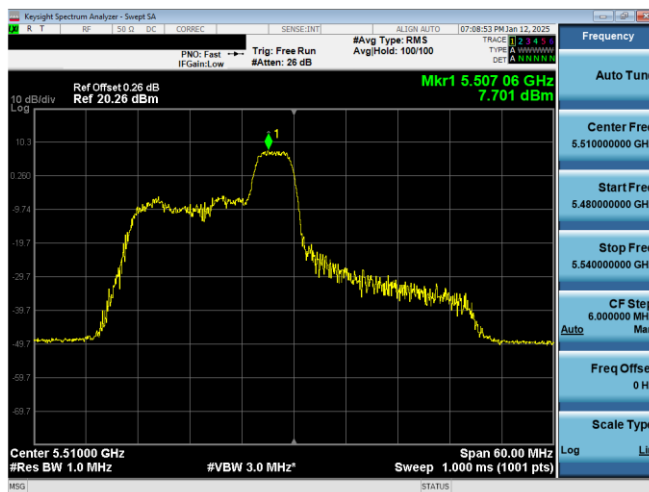
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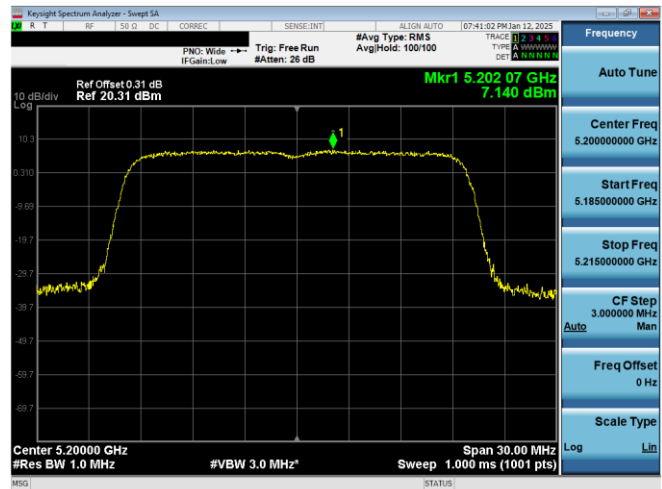
Plot 7-43. PSD CDD Diversity Antenna WF2a (20MHz BW 11ax Index 40 – RU52 – Ch.102)



Plot 7-45. PSD CDD Diversity Antenna WF2a (20MHz BW 11ax– RU242 – Ch.40)



Plot 7-44. PSD CDD Diversity Antenna WF7b (20MHz BW 11ax Index 40 – RU52 – Ch.102)



Plot 7-46. PSD CDD Diversity Antenna WF7b (20MHz BW 11ax– RU242 – Ch.40)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 134 of 284 |

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| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF2a Power Density [dBm/500kHz] | Antenna WF7b Power Density [dBm/500kHz] | Summed Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|------------------|---|---|-----------------------------------|--|-------------|
| Band 3 | 5745 | 149 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 4.98 | 5.14 | 8.07 | 30.0 | -21.93 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 5.28 | 5.52 | 8.41 | 30.0 | -21.59 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 4.84 | 5.05 | 7.96 | 30.0 | -22.04 |
| | 5785 | 157 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.31 | 4.60 | 7.98 | 30.0 | -22.02 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 4.39 | 4.89 | 7.66 | 30.0 | -22.34 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 4.79 | 5.00 | 7.90 | 30.0 | -22.10 |
| | 5825 | 165 | ax (20MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.17 | 4.80 | 8.00 | 30.0 | -22.00 |
| | | | | 26 | 4 | 25/29.4 (MCS11) | 4.70 | 4.88 | 7.80 | 30.0 | -22.20 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.14 | 5.71 | 8.44 | 30.0 | -21.56 |
| | 5755 | 151 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.94 | 6.23 | 9.10 | 30.0 | -20.90 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.68 | 4.94 | 8.34 | 30.0 | -21.66 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 4.18 | 5.48 | 7.88 | 30.0 | -22.12 |
| | 5795 | 159 | ax (40MHz) | 26 | 0 | 25/29.4 (MCS11) | 4.64 | 5.85 | 8.30 | 30.0 | -21.70 |
| | | | | 26 | 8 | 25/29.4 (MCS11) | 5.34 | 5.60 | 8.48 | 30.0 | -21.52 |
| | | | | 26 | 17 | 25/29.4 (MCS11) | 4.72 | 5.45 | 8.11 | 30.0 | -21.89 |
| | 5775 | 155 | ax (80MHz) | 26 | 0 | 25/29.4 (MCS11) | 5.65 | 6.11 | 8.90 | 30.0 | -21.10 |
| | | | | 26 | 18 | 25/29.4 (MCS11) | 4.94 | 4.86 | 7.91 | 30.0 | -22.09 |
| | | | | 26 | 36 | 25/29.4 (MCS11) | 5.14 | 4.86 | 8.01 | 30.0 | -21.99 |

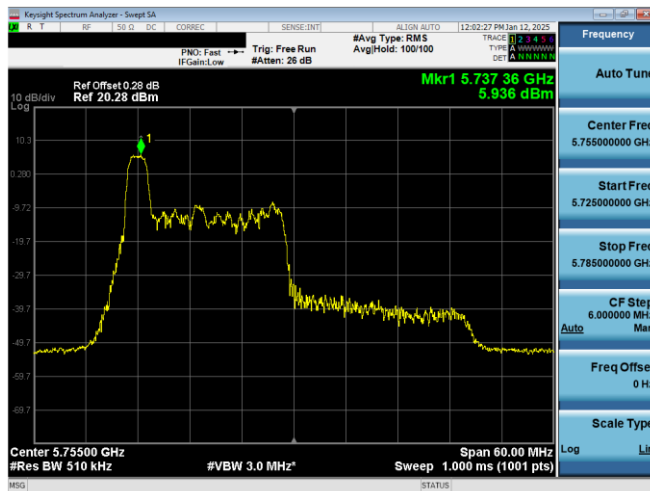
Table 7-198. Band 3 Power Spectral Density Measurements CDD Diversity (RU26)

| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Antenna WF2a Power Density [dBm/500kHz] | Antenna WF7b Power Density [dBm/500kHz] | Summed Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|---|---|-----------------------------------|--|-------------|
| Band 3 | 5745 | 149 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 5.54 | 5.90 | 8.73 | 30.0 | -21.27 |
| | 5785 | 157 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 5.23 | 5.91 | 8.59 | 30.0 | -21.41 |
| | 5825 | 165 | ax (20MHz) | 242 | 61 | 243.8/286.8 (MCS11) | 5.25 | 5.91 | 8.60 | 30.0 | -21.40 |
| | 5755 | 151 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 3.02 | 3.49 | 6.27 | 30.0 | -23.73 |
| | 5795 | 159 | ax (40MHz) | 484 | 65 | 487.5/573.5 (MCS11) | 2.77 | 2.98 | 5.89 | 30.0 | -24.11 |
| | 5775 | 155 | ax (80MHz) | 996 | 67 | 1020.8/1201 (MCS11) | -2.36 | -2.53 | 0.57 | 30.0 | -29.43 |

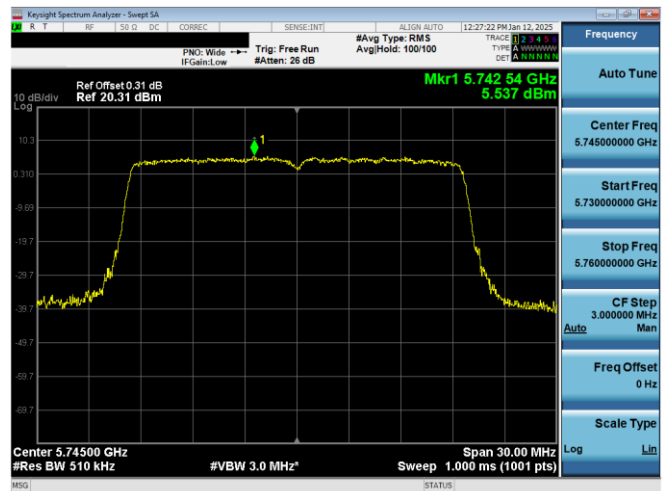
Table 7-199. Band 3 Power Spectral Density Measurements CDD Diversity (Fully-loaded RU)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 135 of 284 |

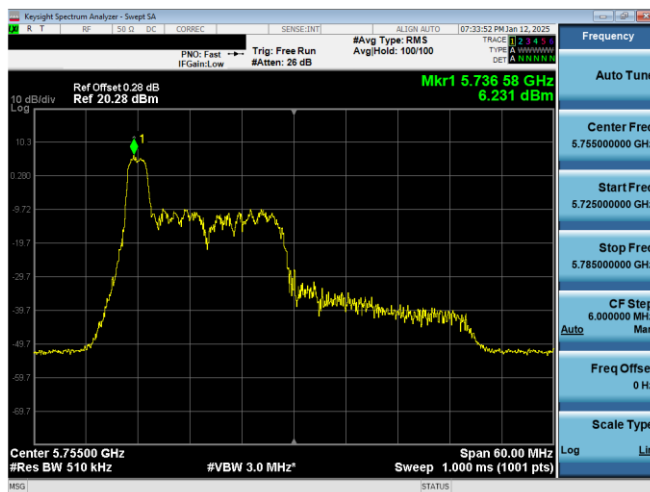
V 10.6 10/27/2023



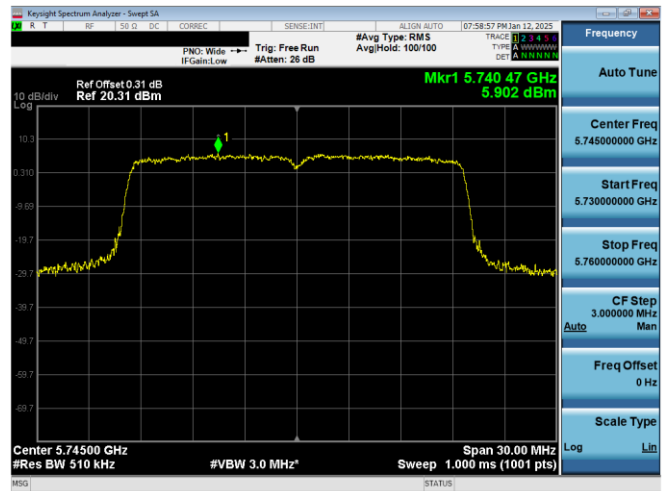
Plot 7-47. PSD CDD Diversity Antenna WF2a (40MHz BW 11ax Index 0 – RU26 – Ch.151)



Plot 7-49. PSD CDD Diversity Antenna WF2a (20MHz BW 11ax– RU242 – Ch.149)



Plot 7-48. PSD CDD Diversity Antenna WF7b (40MHz BW 11ax Index 0 – RU26 – Ch.151)



Plot 7-50. PSD CDD Diversity Antenna WF7b (20MHz BW 11ax– RU242 – Ch.149)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 136 of 284 |

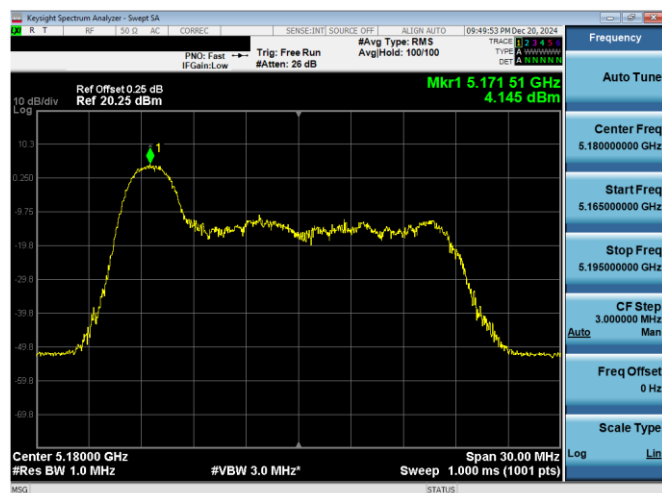
| | Frequency [MHz] | Channel No. | 802.11 MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF2a Power Density [dBm/MHz] | Antenna WF7b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directional Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|------|---------|----------|------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 4.15 | 4.15 | 7.16 | 0.36 | 7.52 | 10.0 | -2.48 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 3.23 | 2.86 | 6.06 | 0.36 | 6.42 | 10.0 | -3.58 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 3.89 | 3.50 | 6.71 | 0.36 | 7.07 | 10.0 | -2.93 |
| | 5200 | 40 | ax (20MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.41 | 3.56 | 6.49 | 0.36 | 6.86 | 10.0 | -3.14 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 2.52 | 3.06 | 5.81 | 0.36 | 6.17 | 10.0 | -3.83 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 3.80 | 4.06 | 6.94 | 0.36 | 7.31 | 10.0 | -2.69 |
| | 5240 | 48 | ax (20MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 4.15 | 3.82 | 7.00 | 0.36 | 7.36 | 10.0 | -2.64 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 3.22 | 2.72 | 5.99 | 0.36 | 6.35 | 10.0 | -3.65 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 4.12 | 3.75 | 6.95 | 0.36 | 7.31 | 10.0 | -2.69 |
| | 5190 | 38 | ax (40MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.85 | 3.39 | 6.64 | 0.36 | 7.00 | 10.0 | -3.00 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 3.95 | 3.48 | 6.73 | 0.36 | 7.09 | 10.0 | -2.91 |
| | | | | | 26 | 17 | 25/29.4 (MCS11) | 3.59 | 3.61 | 6.61 | 0.36 | 6.97 | 10.0 | -3.03 |
| | 5230 | 46 | ax (40MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.66 | 3.05 | 6.38 | 0.36 | 6.74 | 10.0 | -3.26 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 4.14 | 3.78 | 6.97 | 0.36 | 7.34 | 10.0 | -2.66 |
| | | | | | 26 | 17 | 25/29.4 (MCS11) | 3.84 | 3.91 | 6.88 | 0.36 | 7.25 | 10.0 | -2.75 |
| | 5210 | 42 | ax (80MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.30 | 4.17 | 6.77 | 0.36 | 7.13 | 10.0 | -2.87 |
| | | | | | 26 | 18 | 25/29.4 (MCS11) | 2.54 | 2.42 | 5.49 | 0.36 | 5.86 | 10.0 | -4.14 |
| | | | | | 26 | 36 | 25/29.4 (MCS11) | 4.11 | 3.40 | 6.78 | 0.36 | 7.14 | 10.0 | -2.86 |
| | 5250 | 50 (L) | ax (160MHz) | SDM | 52 | 37 | 50/58.8 (MCS11) | 4.37 | 3.90 | 7.15 | 0.36 | 7.52 | 10.0 | -2.48 |
| | | | | | 52 | 52 | 50/58.8 (MCS11) | 4.21 | 3.44 | 6.85 | 0.36 | 7.22 | 10.0 | -2.78 |

Table 7-200. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Diversity (RU26)

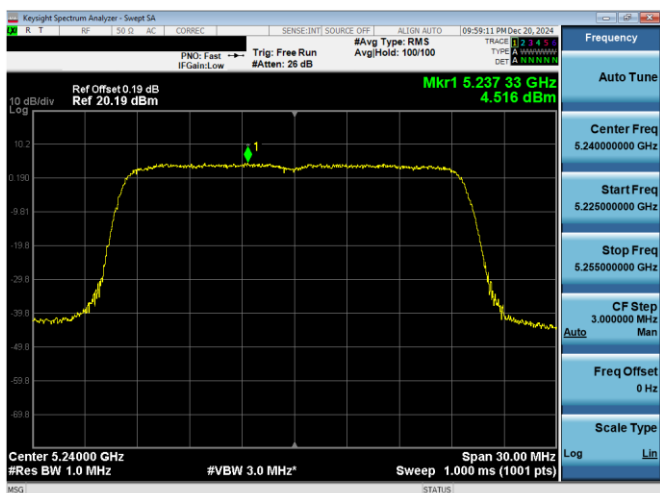
| | Frequency [MHz] | Channel | 802.11 MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF2a Power Density [dBm/MHz] | Antenna WF7b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directional Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|------|---------|----------|---------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 4.49 | 3.97 | 7.25 | 0.36 | 7.61 | 10.0 | -2.39 |
| | 5200 | 40 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 4.33 | 4.25 | 7.30 | 0.36 | 7.66 | 10.0 | -2.34 |
| | 5240 | 48 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 4.52 | 4.17 | 7.36 | 0.36 | 7.72 | 10.0 | -2.28 |
| | 5190 | 38 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | -0.82 | -1.22 | 1.99 | 3.37 | 5.36 | 10.0 | -4.64 |
| | 5230 | 46 | ax (40MHz) | SDM | 484 | 65 | 487.5/573.5 (MCS11) | 3.44 | 3.51 | 6.48 | 0.36 | 6.85 | 10.0 | -3.15 |
| | 5210 | 42 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -3.45 | -3.68 | -0.56 | 3.37 | 2.81 | 10.0 | -7.19 |
| | 5250 | 50 | ax (160MHz) | CDD | 996x2 | 68 | 2041.6/2402 (MCS11) | -7.86 | -8.22 | -5.03 | 3.37 | -1.66 | 10.0 | -11.66 |

Table 7-201. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Diversity (Fully-loaded RU)

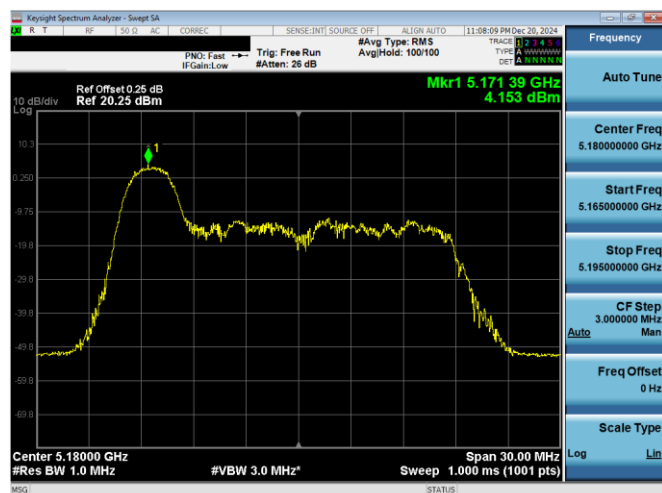
| | | | |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 137 of 284 |



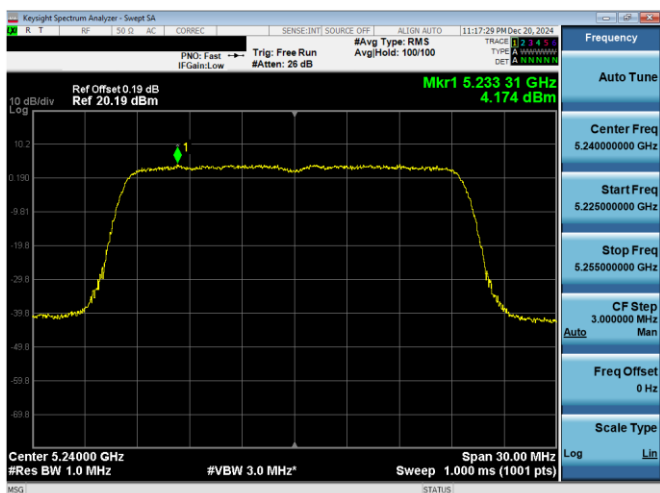
Plot 7-51. ISED PSD SDM Diversity Antenna WF7a (160MHz BW 11ax Index 0 - RU26 - Ch.36)



Plot 7-53. ISED PSD SDM Diversity Antenna WF7a (20MHz BW 11ax- RU242 - Ch.36)



Plot 7-52. ISED PSD SDM Diversity Antenna WF7b (160MHz BW 11ax Index 0 - RU26 - Ch.36)



Plot 7-54. ISED PSD SDM Diversity Antenna WF7b (20MHz BW 11ax- RU242 - Ch.36)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 138 of 284 |

Note:

Per ANSI C63.10-2020 and KDB 662911 v02r01 Section E2), the power spectral density at Antenna WF7a and Antenna WF2a were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Sample Directional Gain Calculation:

For correlated signals, assuming the antenna gain is 0.9 dBi for Antenna WF7a and 0.7 dBi for Antenna WF2a.

$$\begin{aligned} \text{Directional gain} &= 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{0.9/20} + 10^{0.7/20} / 2] \text{ dBi} \\ &= 3.81 \text{ dBi} \end{aligned}$$

For uncorrelated signals, assuming the antenna gain is 0.9 dBi for Antenna WF7a and 0.7 dBi for Antenna WF2a.

$$\begin{aligned} \text{Directional gain} &= 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{0.9/10} + 10^{0.7/10} / 2] \text{ dBi} \\ &= 0.8 \text{ dBi} \end{aligned}$$

Sample CDD/SDM Calculation:

Assuming the average conducted power spectral density was measured to be 3.53 dBm for Antenna WF7a and 4.15 dBm for Antenna WF2a.

$$\text{Antenna WF7a} + \text{Antenna WF2a} = \text{CDD/SDM}$$

$$(3.53 \text{ dBm} + 4.15 \text{ dBm}) = (2.25 \text{ mW} + 2.60 \text{ mW}) = 4.85 \text{ mW} = 6.86 \text{ dBm}$$

Sample e.i.r.p Power Spectral Density Calculation:

Assuming the average CDD/SDM power density was calculated to be 6.86 dBm with directional gain of 0.8 dBi.

$$\text{e.i.r.p. Power Spectral Density(dBm)} = \text{Power Spectral Density (dBm)} + \text{directional gain (dBi)}$$

$$6.86 \text{ dBm} + 0.8 \text{ dBi} = 7.66 \text{ dBm}$$

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 139 of 284 |

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7.6 Radiated Spurious Emission – Above 1GHz

§15.407(b) §15.205 §15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. All channels, modes (e.g. RU26, RU52, RU106, RU242, RU484, RU996 and RU996x2), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.15-5.25 GHz and 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of –27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of –27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-202 per Section 15.209 and RSS-Gen (8.9).

| Frequency | Field Strength [μV/m] | Measured Distance [Meters] |
|-----------------|--------------------------|-------------------------------|
| Above 960.0 MHz | 500 | 3 |

Table 7-202. Radiated Limits

Test Procedures Used

ANSI C63.10-2020 – Subclauses 12.7.7, 12.7.6

KDB 789033 D02 v02r01 – Section G

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 140 of 284 |

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Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Test Setup

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

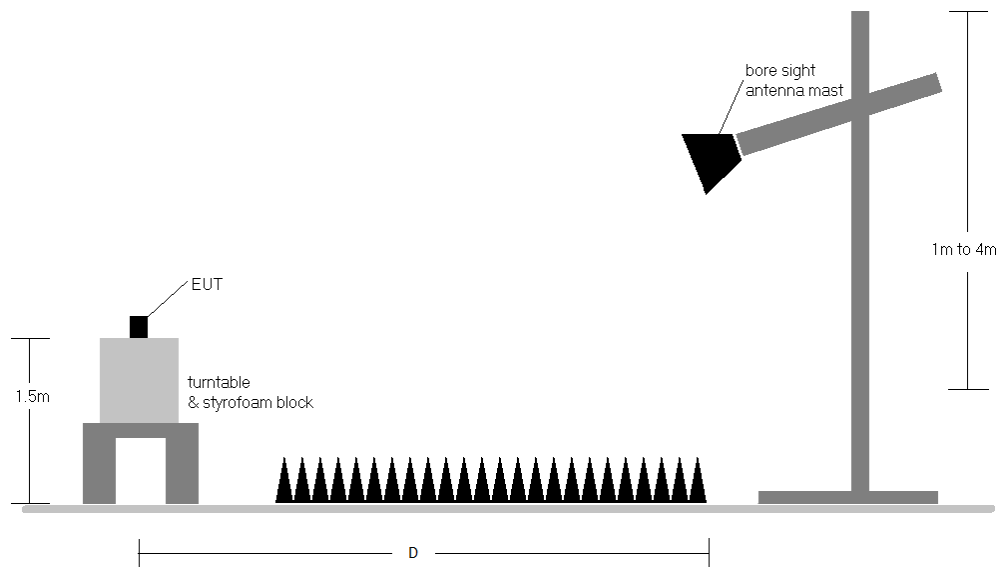


Figure 7-5. Test Instrument & Measurement Setup

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 141 of 284 |

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Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-202.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-202. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. All antenna configurations were investigated and only the worst case is reported.
9. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
10. Per RSS-247 Section 6.2.3, transmission on channels which overlap the 5600-5650 MHz is prohibited. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
11. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

| | | | |
|--|---|-----------------------------------|--|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
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Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{\text{[dB}\mu\text{V/m]}} = \text{Analyzer Level }_{\text{[dBm]}} + 107 + \text{AFCL }_{\text{[dB/m]}}$
- $\text{AFCL }_{\text{[dB/m]}} = \text{Antenna Factor }_{\text{[dB/m]}} + \text{Cable Loss }_{\text{[dB]}} - \text{Preamplifier Gain }_{\text{[dB]}}$
- $\text{Margin }_{\text{[dB]}} = \text{Field Strength Level }_{\text{[dB}\mu\text{V/m]}} - \text{Limit }_{\text{[dB}\mu\text{V/m]}}$

Radiated Band Edge Measurement Offset

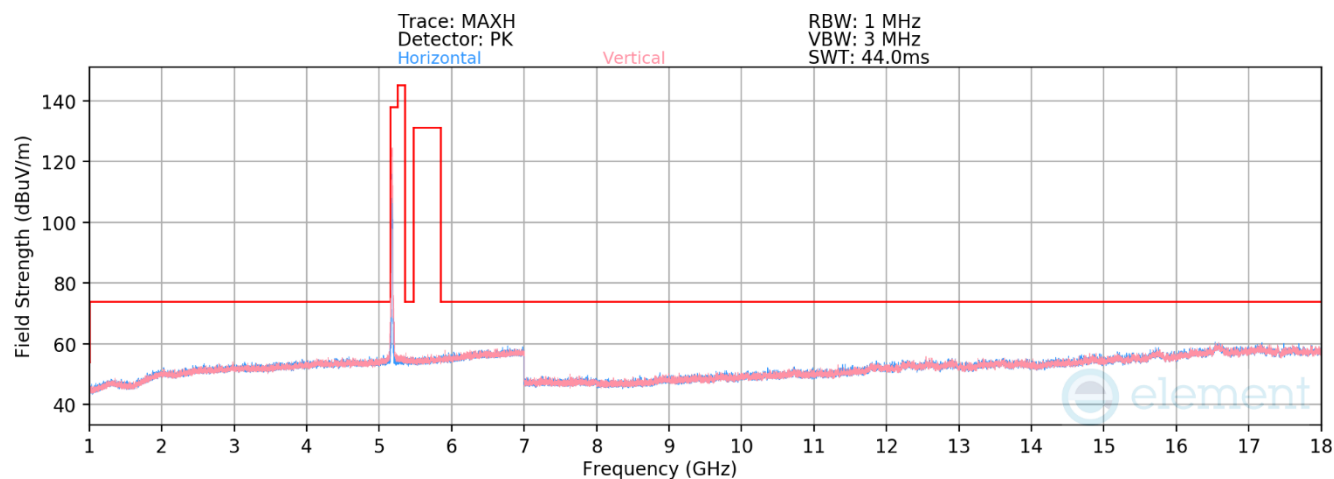
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.6.3 to 7.6.22 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

| | | | |
|---|---|----------------------------|--|
| FCC ID: BCGA3268 IC: 579C-A3268 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
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7.6.1 CDD Primary Radiated Spurious Emissions

RU26



Plot 7-55. RSE above 1GHz CDD Primary (11ax – Ch.36 – RU26)

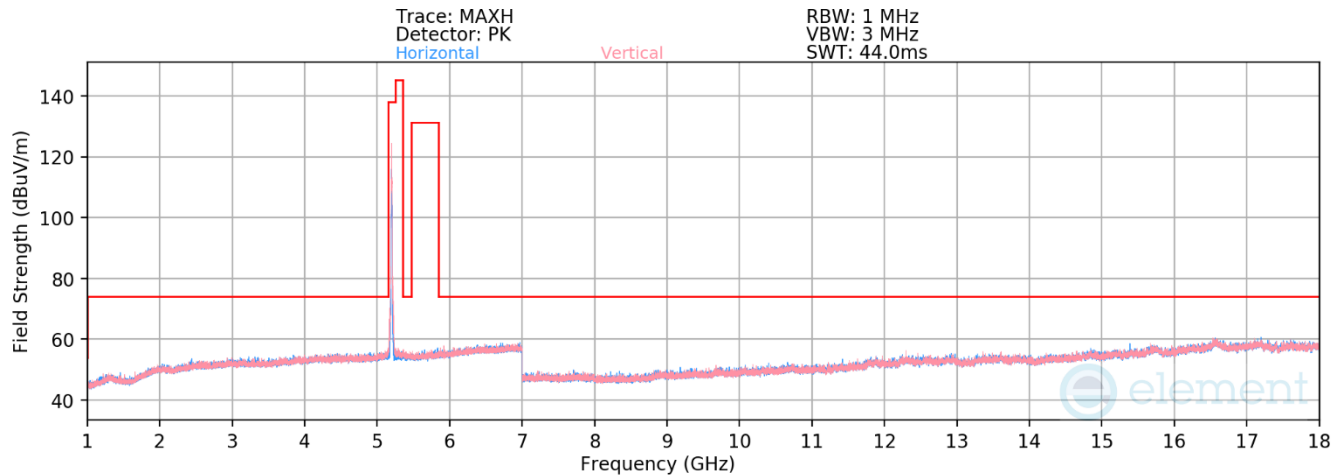
| | |
|---------------------------|---------------------|
| Mode: | 802.11ax (20MHz BW) |
| Data Rate: | MCS11 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5180MHz |
| Channel: | 36 |

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10360.00 | Peak | V | - | - | -70.04 | 14.91 | 51.87 | 68.23 | -16.36 |
| * | 15540.00 | Average | V | - | - | -83.91 | 22.57 | 45.66 | 53.98 | -8.32 |
| * | 15540.00 | Peak | V | - | - | -72.18 | 22.57 | 57.38 | 73.98 | -16.60 |

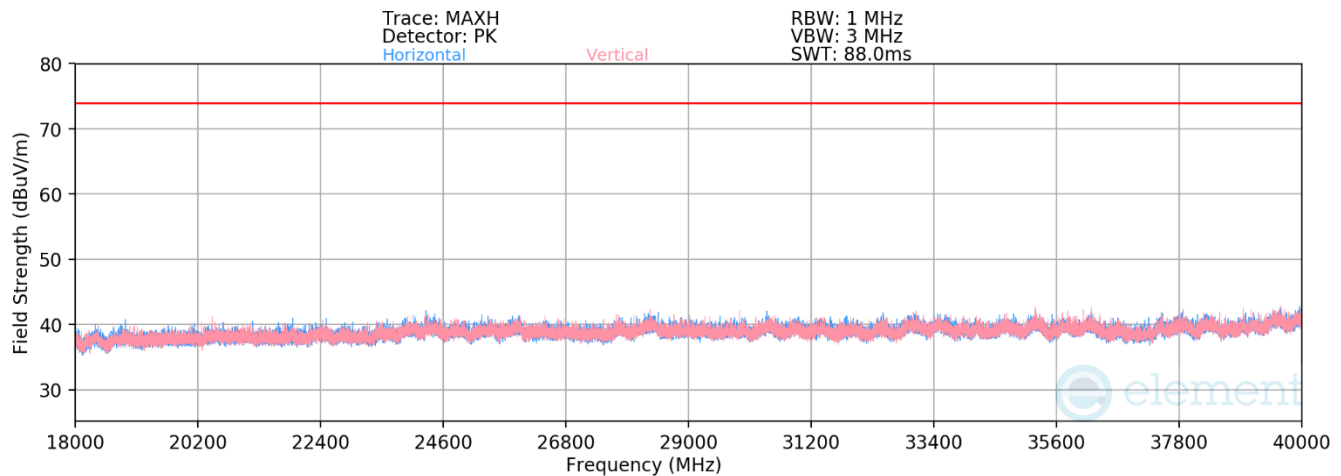
Table 7-203. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 144 of 284 |

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Plot 7-56. RSE above 1GHz CDD Primary (11ax – Ch.40 – RU26)



Plot 7-57. RSE 18GHz – 40 GHz CDD Primary (11ax Ch.40 — RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

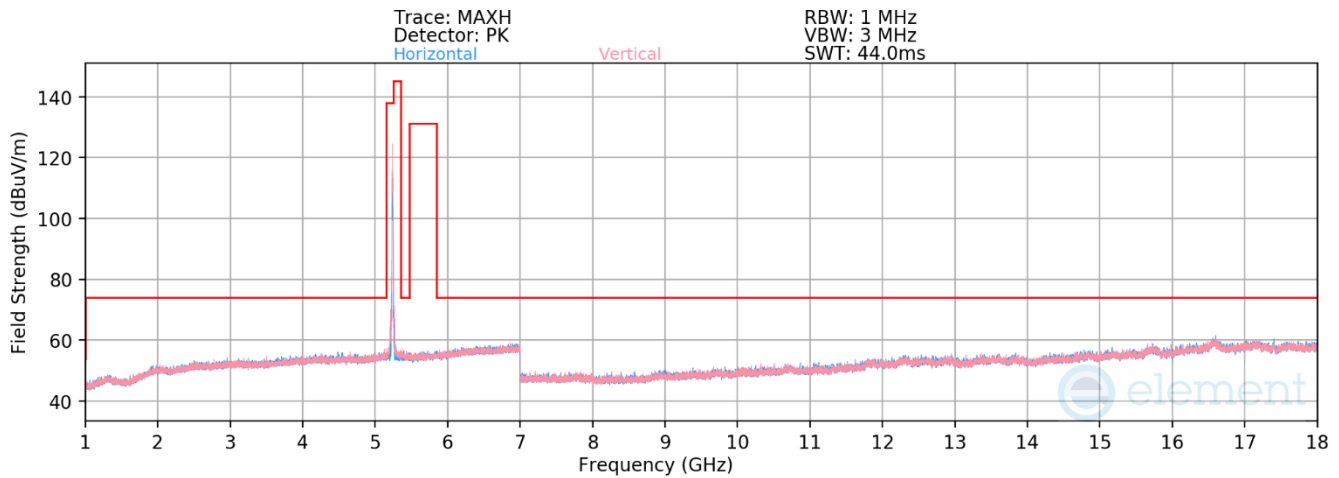
| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10400.00 | Peak | H | - | - | -70.35 | 15.08 | 51.73 | 68.23 | -16.50 |
| * | 15600.00 | Average | V | - | - | -84.54 | 23.71 | 46.17 | 53.98 | -7.81 |
| * | 15600.00 | Peak | V | - | - | -72.56 | 22.68 | 57.12 | 73.98 | -16.86 |

Table 7-204. Radiated Measurements CDD Primary (RU26)

| | | | | |
|---|---|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | | Page 145 of 284 |

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Plot 7-58. RSE above 1GHz CDD Primary (11ax – Ch.48 – RU26)

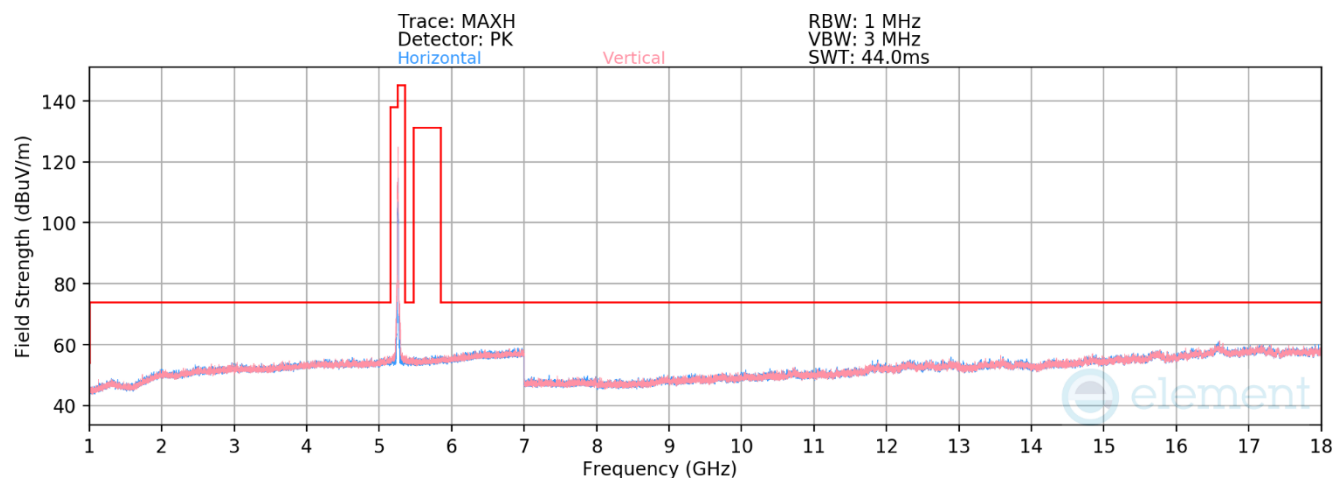
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10480.00 | Peak | H | - | - | -70.27 | 14.86 | 51.59 | 68.23 | -16.64 |
| * | 15720.00 | Average | V | - | - | -84.22 | 24.36 | 47.14 | 53.98 | -6.84 |
| * | 15720.00 | Peak | V | - | - | -72.13 | 24.21 | 59.08 | 73.98 | -14.90 |

Table 7-205. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 146 of 284 |

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Plot 7-59. RSE above 1GHz CDD Primary (11ax – Ch.52 – RU26)

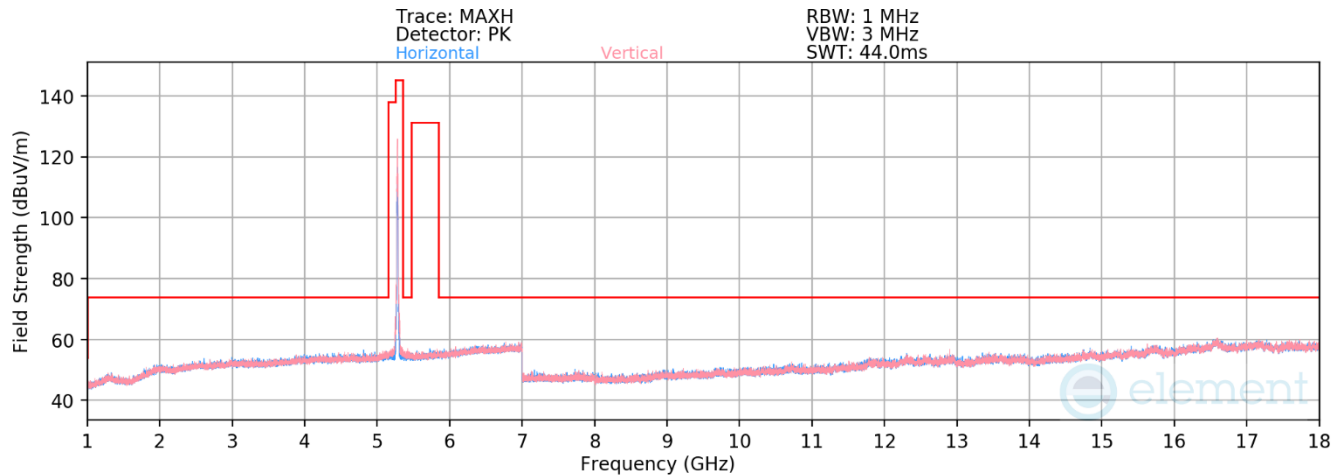
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5260MHz
Channel: 52

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10520.00 | Peak | H | - | - | -70.46 | 15.04 | 51.58 | 68.23 | -16.65 |
| * | 15780.00 | Average | V | - | - | -85.12 | 24.99 | 46.86 | 53.98 | -7.12 |
| * | 15780.00 | Peak | V | - | - | -73.30 | 24.08 | 57.79 | 73.98 | -16.19 |

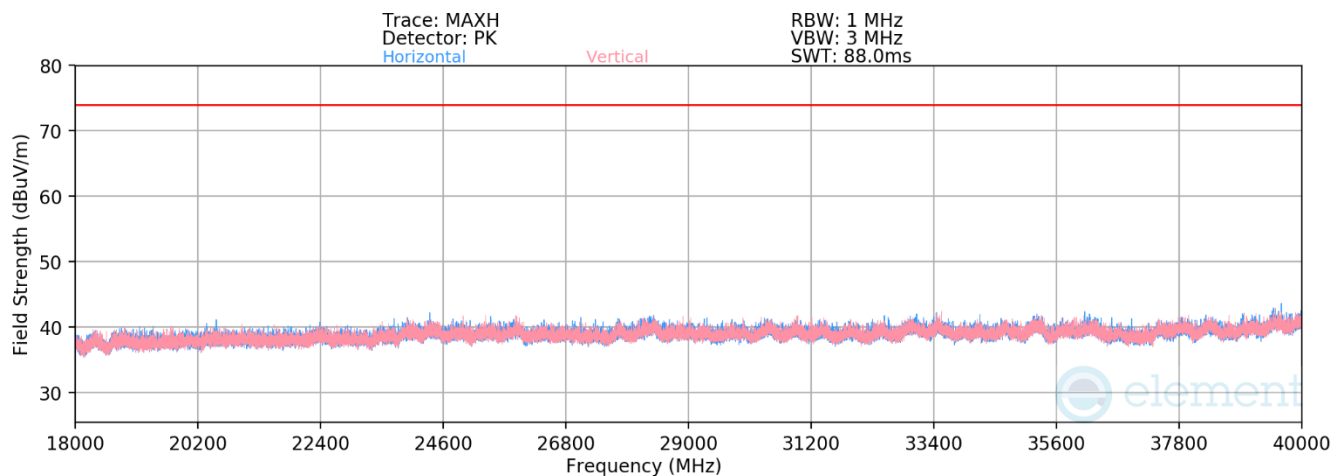
Table 7-206. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 147 of 284 |

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Plot 7-60. RSE above 1GHz CDD Primary (11ax - Ch.56 - RU26)



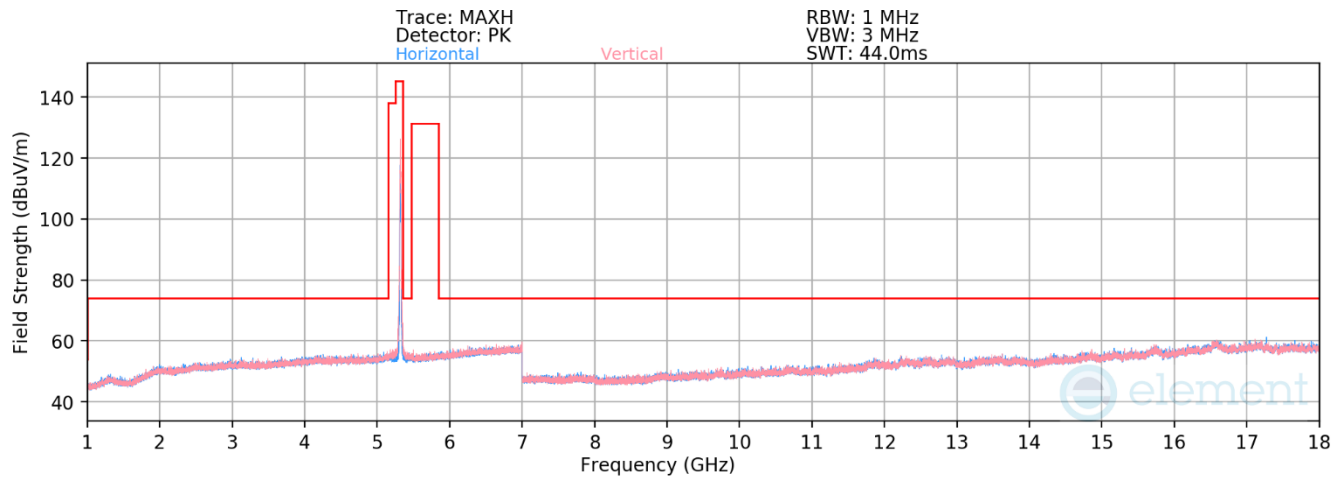
Plot 7-61. RSE 18GHz - 40 GHz CDD Primary (11ax Ch.56 - RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 10560.00 | Peak | V | - | - | -69.62 | 14.60 | 51.98 | 68.23 | -16.25 |
| | 15840.00 | Average | V | - | - | -84.73 | 24.28 | 46.55 | 53.98 | -7.43 |
| * | 15840.00 | Peak | V | - | - | -73.07 | 23.86 | 57.79 | 73.98 | -16.19 |

Table 7-207. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 148 of 284 |



Plot 7-62. RSE above 1GHz CDD Primary (11ax – Ch.64 – RU26)

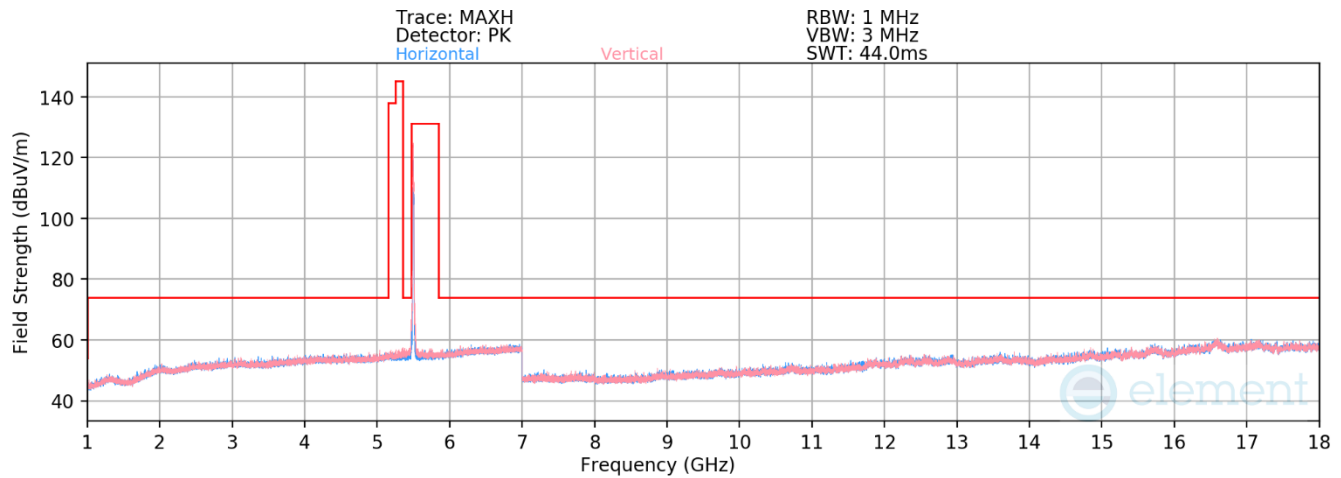
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 10640.00 | Average | H | - | - | -81.64 | 15.82 | 41.18 | 53.98 | -12.80 |
| * | 10640.00 | Peak | H | - | - | -70.91 | 15.82 | 51.91 | 73.98 | -22.07 |
| * | 15960.00 | Average | H | - | - | -84.24 | 23.73 | 46.50 | 53.98 | -7.48 |
| * | 15960.00 | Peak | H | - | - | -72.56 | 23.73 | 58.17 | 73.98 | -15.81 |

Table 7-208. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 149 of 284 |

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Plot 7-63. RSE above 1GHz CDD Primary (11ax – Ch.100 – RU26)

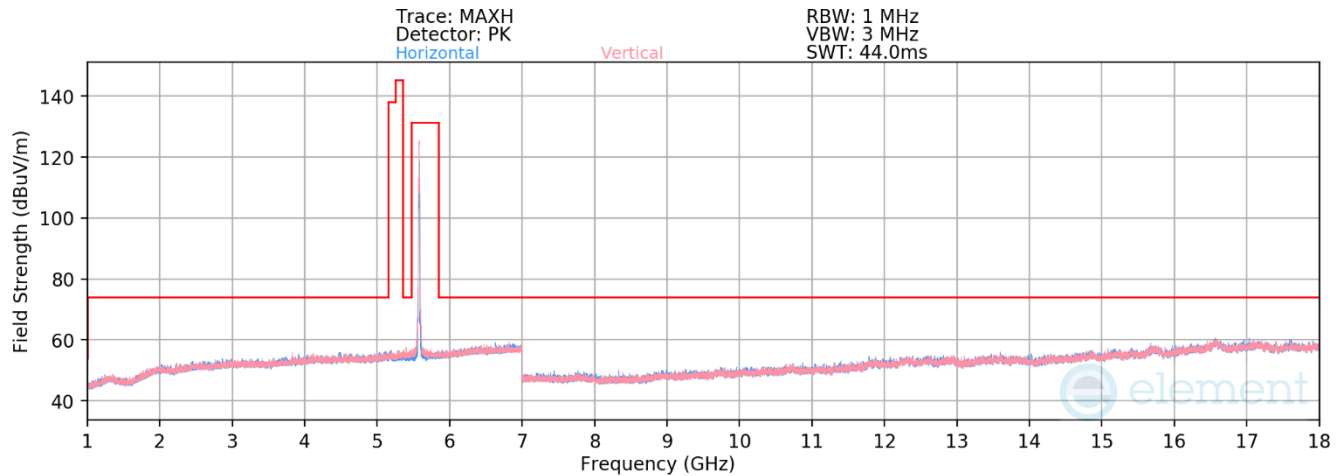
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11000.00 | Average | V | - | - | -82.23 | 15.97 | 40.74 | 53.98 | -13.24 |
| * | 11000.00 | Peak | V | - | - | -70.46 | 15.97 | 52.51 | 73.98 | -21.47 |
| | 16500.00 | Peak | V | - | - | -72.79 | 23.78 | 57.99 | 68.23 | -10.24 |

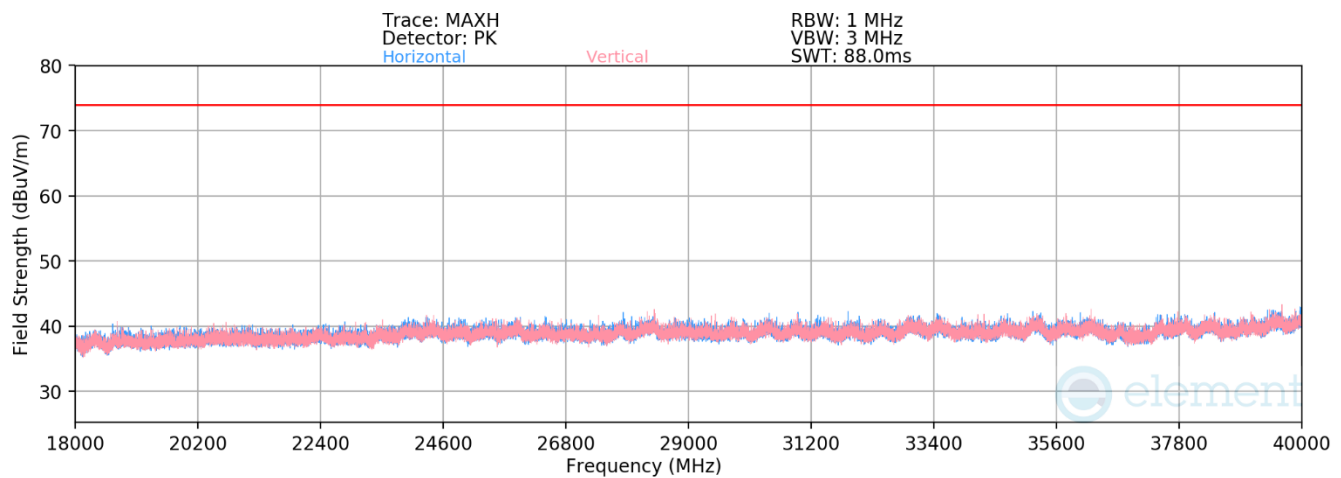
Table 7-209. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 150 of 284 |

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Plot 7-64. RSE above 1GHz CDD Primary (11ax - Ch.116 - RU26)



Plot 7-65. RSE 18GHz - 40 GHz CDD Primary (11ax Ch.116 - RU26)

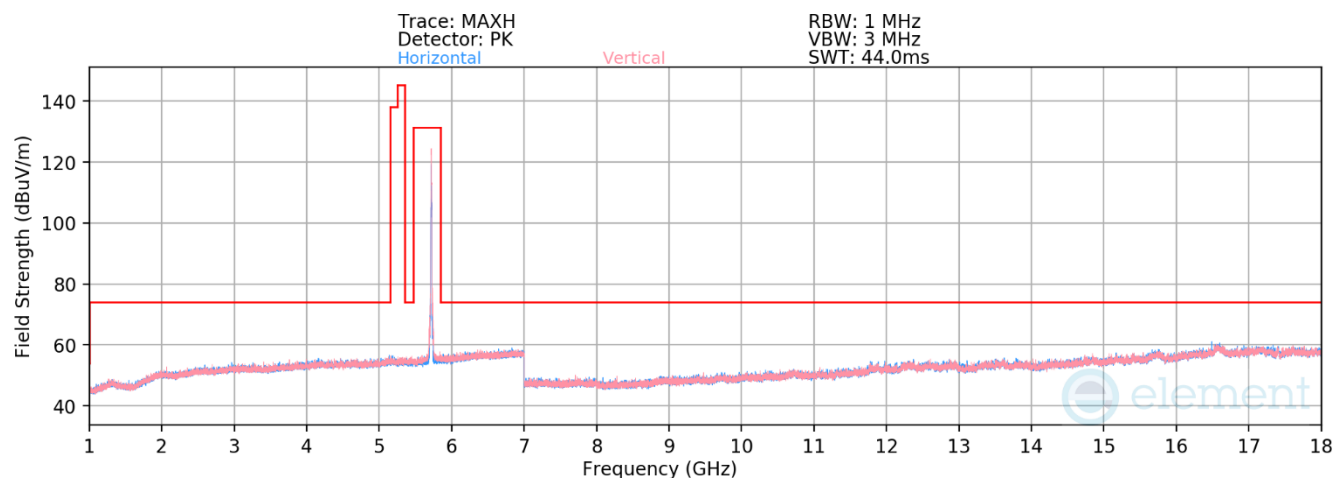
| | |
|---------------------------|---------------------|
| Mode: | 802.11ax (20MHz BW) |
| Data Rate: | MCS11 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5580MHz |
| Channel: | 116 |

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11160.00 | Average | H | - | - | -82.04 | 16.32 | 41.28 | 53.98 | -12.70 |
| * | 11160.00 | Peak | H | - | - | -70.26 | 16.32 | 53.06 | 73.98 | -20.92 |
| | 16740.00 | Peak | H | - | - | -72.57 | 24.21 | 58.64 | 68.23 | -9.59 |

Table 7-210. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 151 of 284 |

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Plot 7-66. RSE above 1GHz CDD Primary (11ax – Ch.144 – RU26)

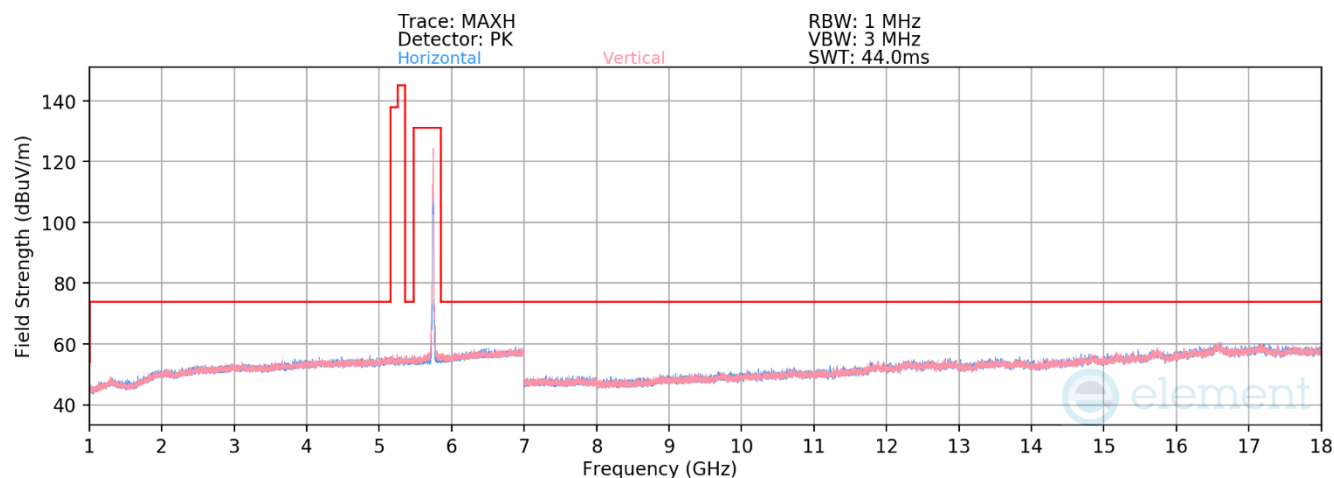
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5720MHz
Channel: 144

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11440.00 | Average | V | - | - | -82.42 | 16.44 | 41.02 | 53.98 | -12.96 |
| * | 11440.00 | Peak | V | - | - | -71.11 | 16.44 | 52.33 | 73.98 | -21.65 |
| | 17160.00 | Peak | V | - | - | -72.37 | 24.68 | 59.31 | 68.23 | -8.92 |

Table 7-211. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 152 of 284 |

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Plot 7-67. RSE above 1GHz CDD Primary (11ax – Ch.149 – RU26)

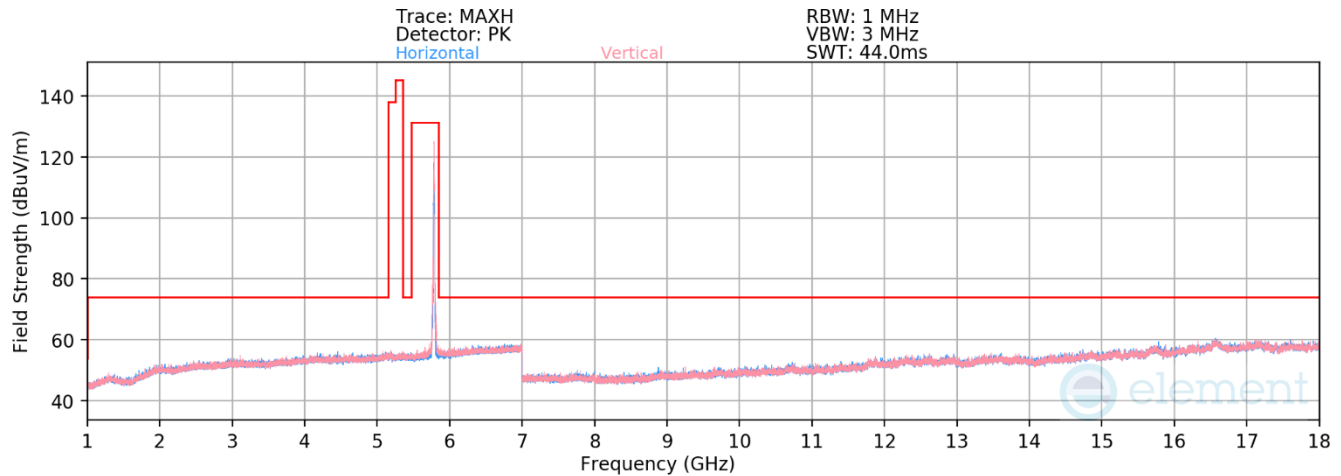
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5745MHz
Channel: 149

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11490.00 | Average | V | - | - | -82.44 | 16.84 | 41.40 | 53.98 | -12.58 |
| * | 11490.00 | Peak | V | - | - | -70.94 | 16.70 | 52.77 | 73.98 | -21.21 |
| | 17235.00 | Peak | H | - | - | -72.51 | 24.61 | 59.10 | 68.23 | -9.13 |

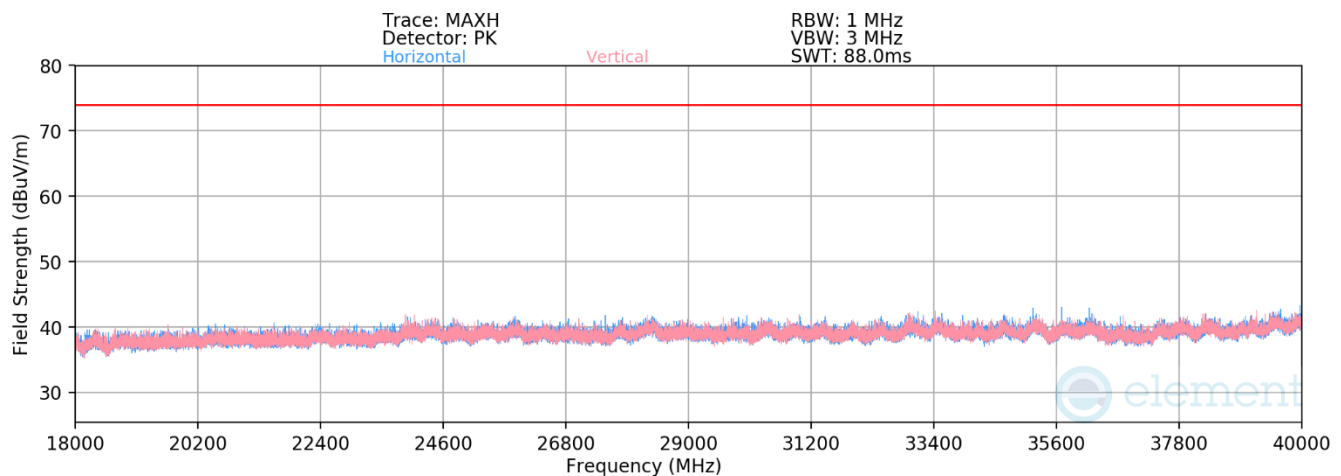
Table 7-212. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 153 of 284 |

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Plot 7-68. RSE above 1GHz CDD Primary (11ax - Ch.157 - RU26)



Plot 7-69. RSE 18GHz - 40 GHz CDD Primary (11ax Ch.157 - RU26)

| | |
|---------------------------|---------------------|
| Mode: | 802.11ax (20MHz BW) |
| Data Rate: | MCS11 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5785MHz |
| Channel: | 157 |

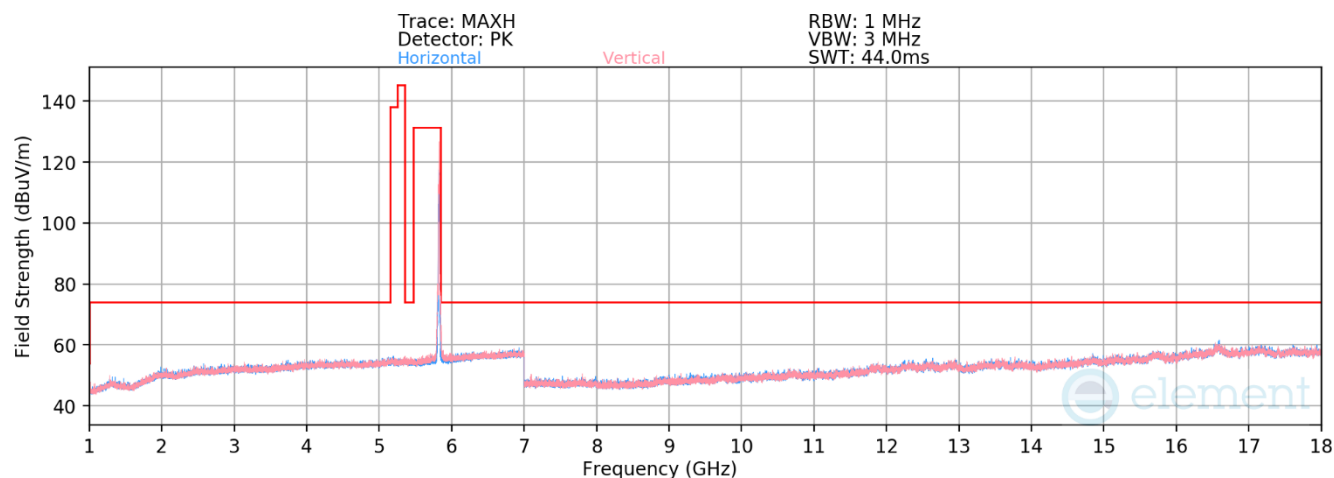
| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11570.00 | Average | V | - | - | -82.51 | 17.32 | 41.81 | 53.98 | -12.17 |
| * | 11570.00 | Peak | V | - | - | -71.05 | 16.85 | 52.81 | 73.98 | -21.17 |
| | 17355.00 | Peak | H | - | - | -72.86 | 24.38 | 58.52 | 68.23 | -9.71 |

Table 7-213. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 154 of 284 |

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Plot 7-70. RSE above 1GHz CDD Primary (11ax – Ch.165 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

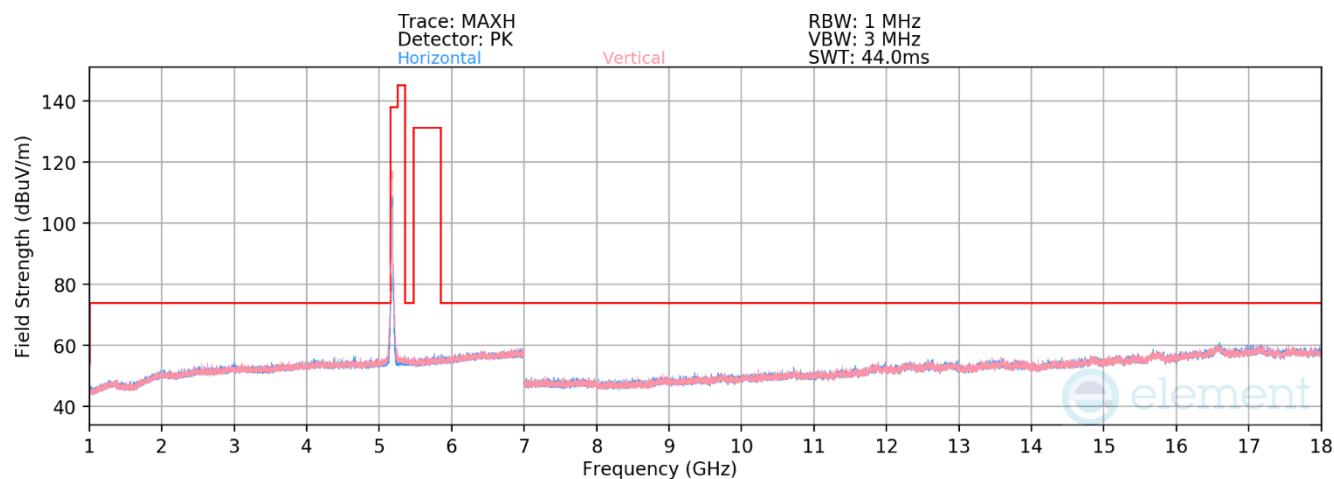
| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11650.00 | Average | V | - | - | -82.58 | 17.54 | 41.96 | 53.98 | -12.02 |
| * | 11650.00 | Peak | V | - | - | -71.22 | 17.54 | 53.31 | 73.98 | -20.67 |
| | 17475.00 | Peak | H | - | - | -73.29 | 24.89 | 58.59 | 68.23 | -9.64 |

Table 7-214. Radiated Measurements CDD Primary (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 155 of 284 |

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RU242



Plot 7-71. RSE above 1GHz CDD Primary (11ax – Ch.36 – RU242)

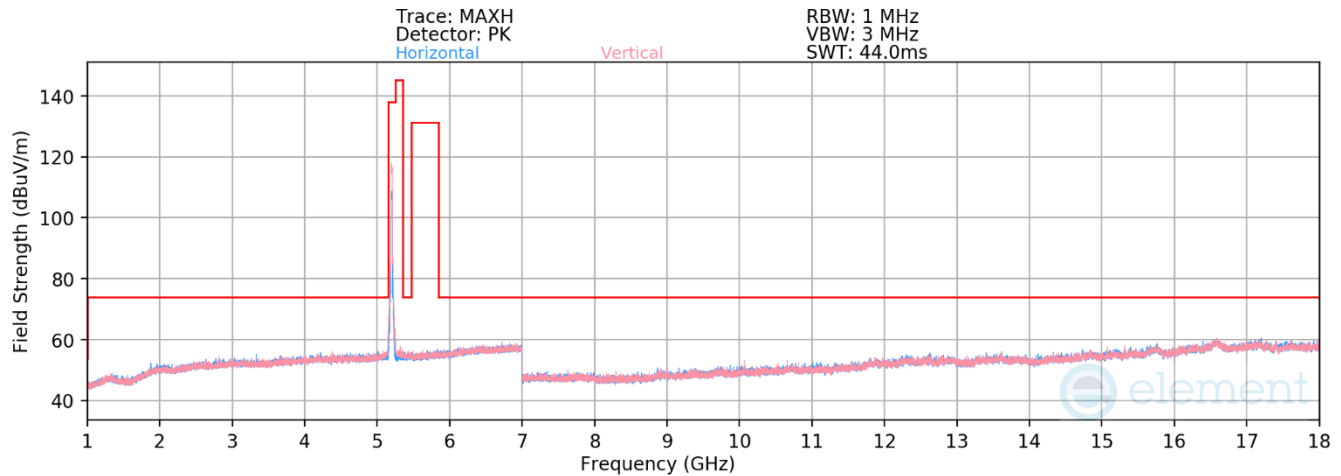
Mode: 11ax (20MHz BW)
Data Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5180MHz
Channel: 36

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10360.00 | Peak | H | - | - | -70.13 | 14.91 | 51.78 | 68.23 | -16.45 |
| * | 15540.00 | Average | H | - | - | -83.86 | 22.85 | 45.99 | 53.98 | -7.99 |
| * | 15540.00 | Peak | H | - | - | -72.89 | 22.85 | 56.96 | 73.98 | -17.02 |

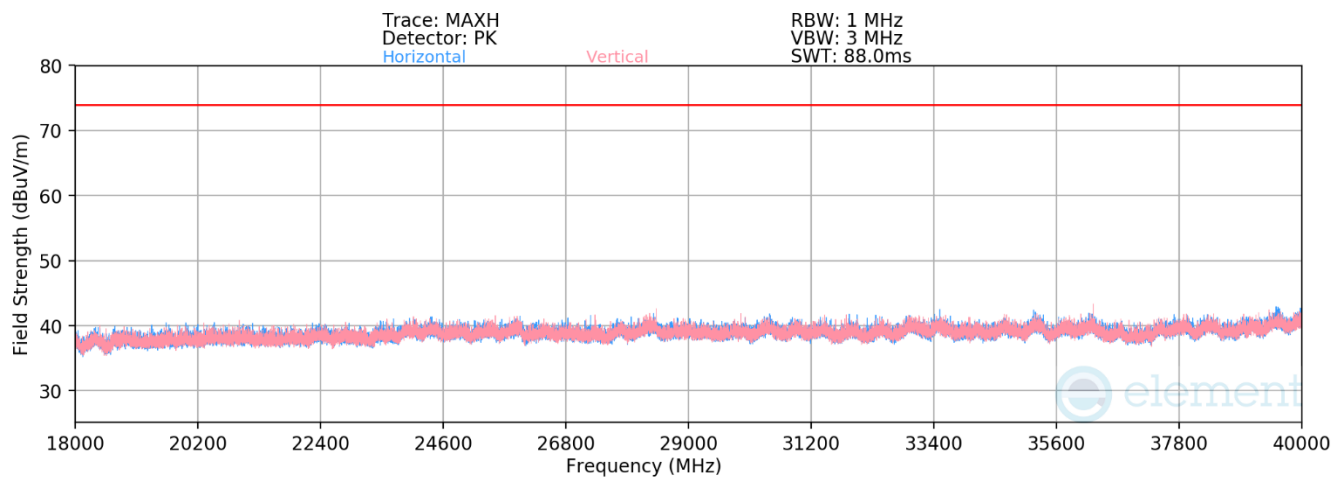
Table 7-215. Radiated Measurements CDD Primary (RU242)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 156 of 284 |

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Plot 7-72. RSE above 1GHz CDD Primary (11ax - Ch.40 - RU242)



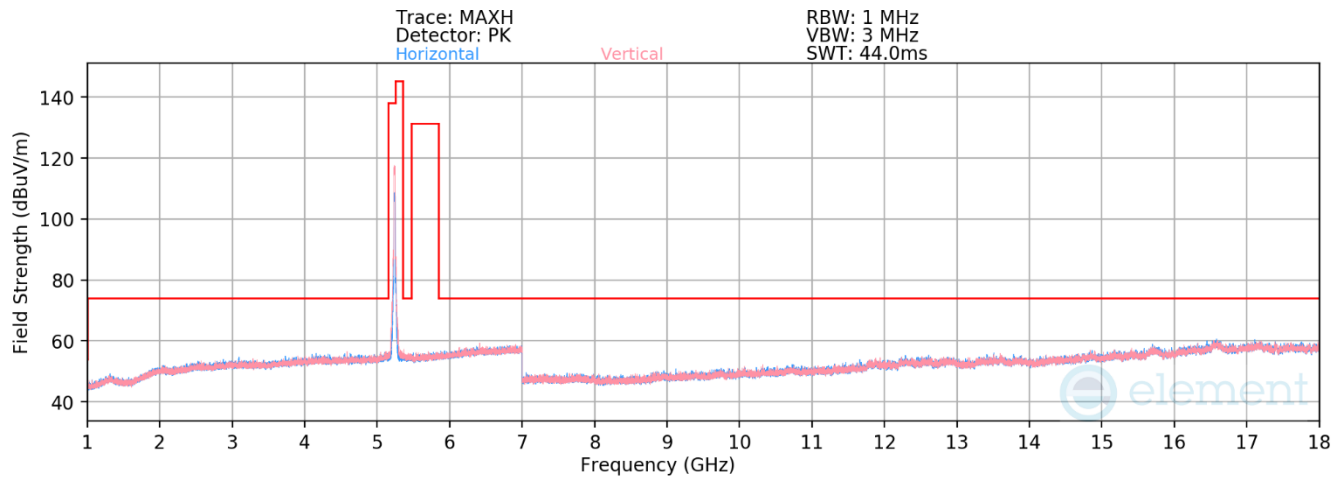
Plot 7-73. RSE 18GHz - 40 GHz CDD Primary (11ax Ch.40 - RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10400.00 | Peak | H | - | - | -70.57 | 15.10 | 51.53 | 68.23 | -16.70 |
| * | 15600.00 | Average | H | - | - | -84.50 | 23.71 | 46.21 | 53.98 | -7.77 |
| * | 15600.00 | Peak | H | - | - | -72.84 | 22.85 | 57.02 | 73.98 | -16.96 |

Table 7-216. Radiated Measurements CDD Primary (RU242)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 157 of 284 |



Plot 7-74. RSE above 1GHz CDD Primary (11ax – Ch.48 – RU242)

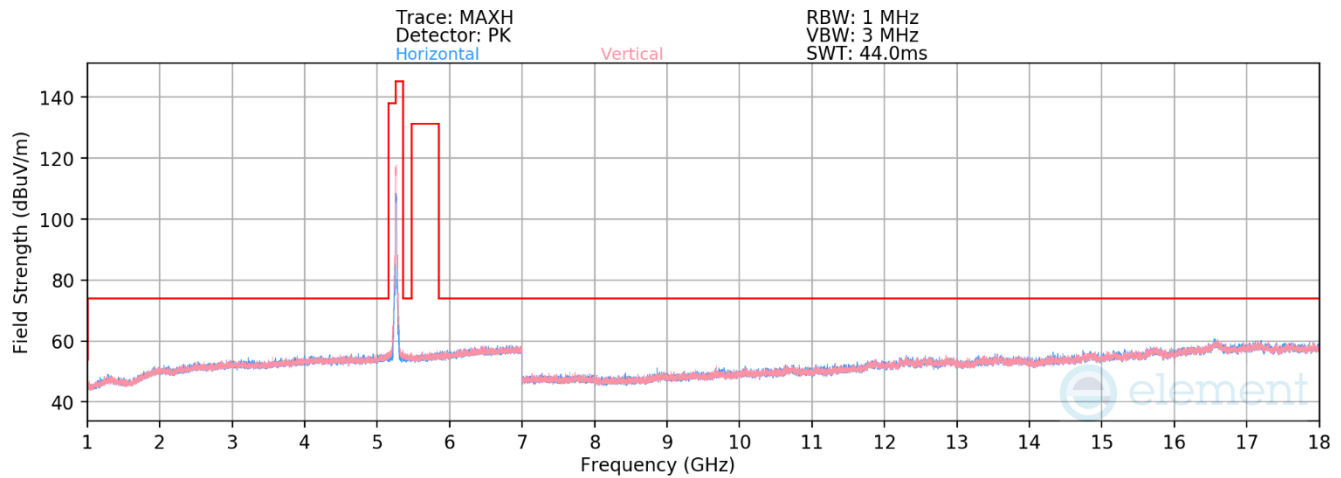
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10480.00 | Peak | H | - | - | -70.76 | 14.76 | 51.00 | 68.23 | -17.23 |
| * | 15720.00 | Average | V | - | - | -84.26 | 24.21 | 46.96 | 53.98 | -7.02 |
| * | 15720.00 | Peak | V | - | - | -73.03 | 24.20 | 58.17 | 73.98 | -15.81 |

Table 7-217. Radiated Measurements CDD Primary (RU242)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 158 of 284 |

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Plot 7-75. RSE above 1GHz CDD Primary (11ax – Ch.52 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5260MHz
Channel: 52

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| | 10520.00 | Peak | H | - | - | -70.52 | 15.04 | 51.52 | 68.23 | -16.71 |
| * | 15780.00 | Average | V | - | - | -85.08 | 24.99 | 46.91 | 53.98 | -7.07 |
| * | 15780.00 | Peak | V | - | - | -72.56 | 23.62 | 58.05 | 73.98 | -15.93 |

Table 7-218. Radiated Measurements CDD Primary (RU242)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3268 IC: 579C-A3268 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210074-11.BCG | Test Dates: 10/25/2024 - 1/2/2025 | EUT Type: Tablet Device | Page 159 of 284 |

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