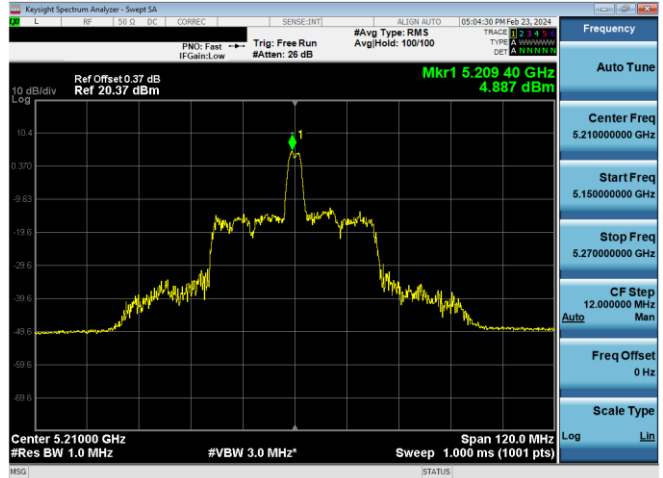
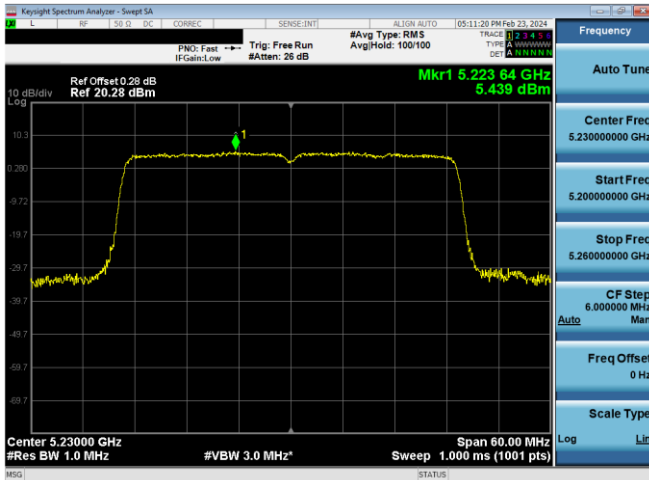


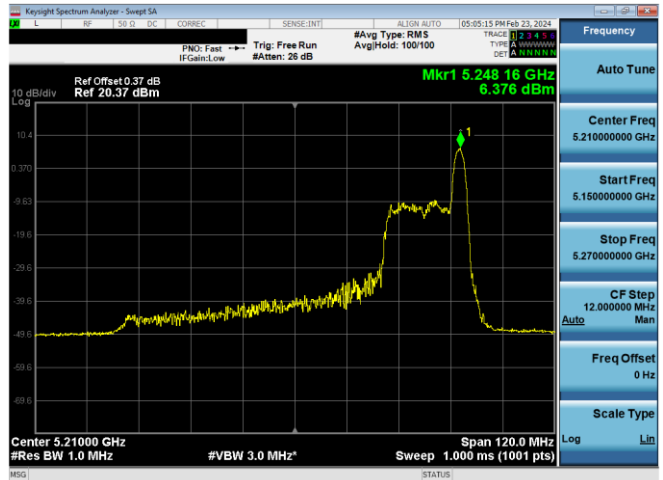
Plot 7-302. ISED PSD Antenna WF8 (40MHz BW 11ax Index 17 – RU26 – Ch.46)



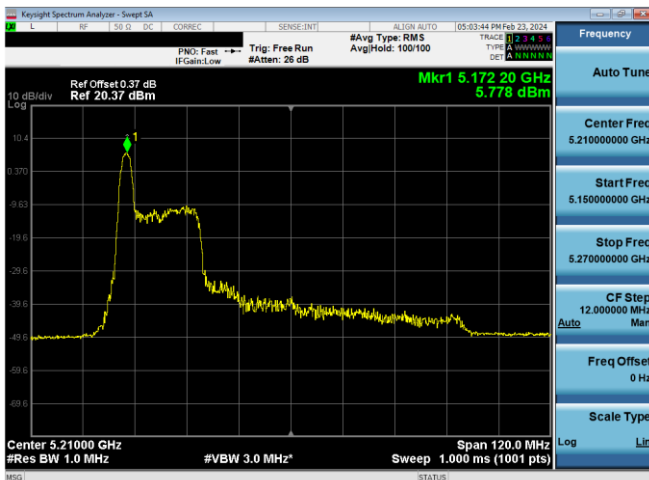
Plot 7-305. ISED PSD Antenna WF8 (80MHz BW 11ax Index 18 – RU26 – Ch.42)



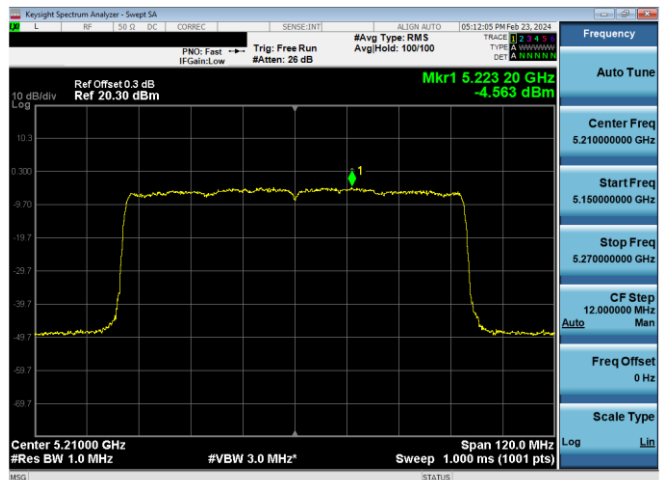
Plot 7-303. ISED PSD Antenna WF8 (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-306. ISED PSD Antenna WF8 (80MHz BW 11ax Index 36 – RU26 – Ch.42)

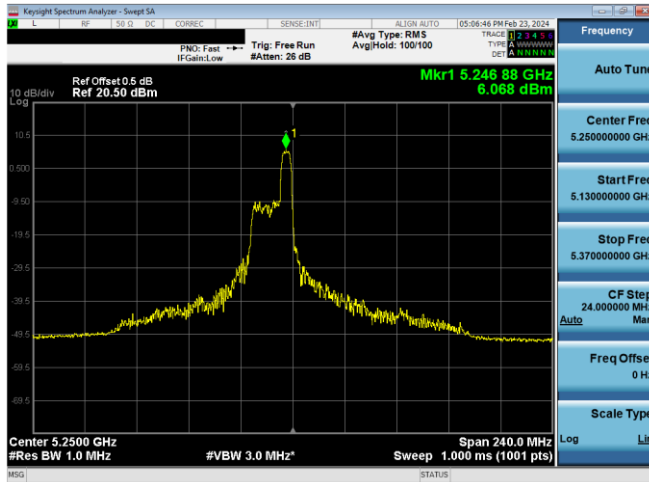
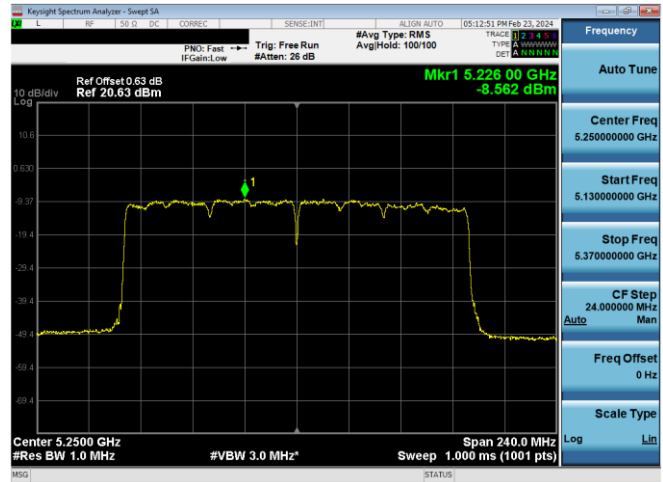
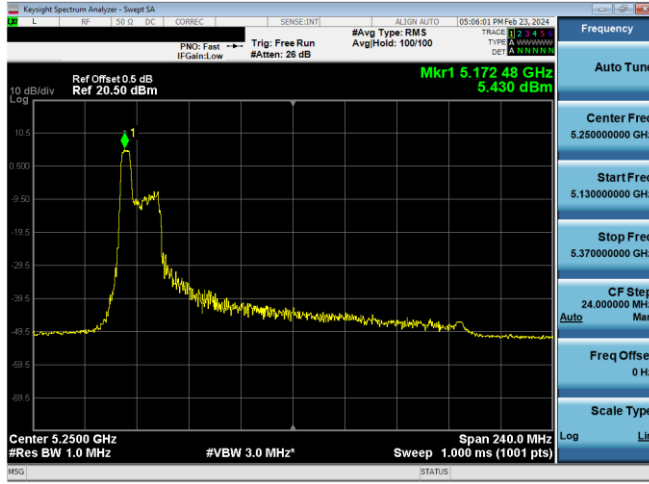


Plot 7-304. ISED PSD Antenna WF8 (80MHz BW 11ax Index 0 – RU26 – Ch.42)



Plot 7-307. ISED PSD Antenna WF8 (80MHz BW 11ax – RU996 – Ch.42)

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 156 of 455 |



| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 157 of 455 |

Antenna WF7 Power Spectral Density Measurements

| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|----------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.65 | 11.0 | -4.35 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 6.53 | 11.0 | -4.47 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 6.69 | 11.0 | -4.31 |
| | 5200 | 40 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.63 | 11.0 | -4.37 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 6.35 | 11.0 | -4.65 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.22 | 11.0 | -3.78 |
| | 5240 | 48 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.66 | 11.0 | -4.34 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 6.15 | 11.0 | -4.85 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 6.60 | 11.0 | -4.40 |
| | 5190 | 38 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.47 | 11.0 | -4.53 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.39 | 11.0 | -3.61 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 6.97 | 11.0 | -4.03 |
| | 5230 | 46 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.50 | 11.0 | -4.50 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.07 | 11.0 | -3.93 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 6.56 | 11.0 | -4.44 |
| | 5210 | 42 | ax (80MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 6.65 | 11.0 | -4.35 |
| | | | | 26 | 18 | 12.5/14.7 (MCS11) | 6.00 | 11.0 | -5.00 |
| | | | | 26 | 36 | 12.5/14.7 (MCS11) | 6.83 | 11.0 | -4.17 |

Table 7-181. Bands 1 Power Spectral Density Measurements Antenna WF7 (RU26)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 158 of 455 |

| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] | |
|-----------|-----------------|-------------|-------------|---------|-----------------|------------------|----------------------------------|-----------------------------|-------------|-------|
| Band 1/2A | 5250 | 50 (L) | ax (160MHz) | 52 | 37 | 25/29.4 (MCS11) | 5.22 | 11.0 | -5.78 | |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 5.67 | 11.0 | -5.34 | |
| | | 50 (U) | | 52 | 52 | 25/29.4 (MCS11) | 5.20 | 11.0 | -5.81 | |
| Band 2A | 5260 | 52 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.00 | 11.0 | -4.00 | |
| | | | | | 52 | 38 | 25/29.4 (MCS11) | 7.52 | 11.0 | -3.48 |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.22 | 11.0 | -3.78 |
| | 5300 | 60 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.22 | 11.0 | -3.78 | |
| | | | | | 52 | 38 | 25/29.4 (MCS11) | 7.64 | 11.0 | -3.36 |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.07 | 11.0 | -3.93 |
| | 5320 | 64 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 6.87 | 11.0 | -4.13 | |
| | | | | | 52 | 38 | 25/29.4 (MCS11) | 7.28 | 11.0 | -3.72 |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.07 | 11.0 | -3.93 |
| | 5270 | 54 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.17 | 11.0 | -3.83 | |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.59 | 11.0 | -3.41 |
| | | | | | 52 | 44 | 25/29.4 (MCS11) | 6.96 | 11.0 | -4.04 |
| | 5310 | 62 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.15 | 11.0 | -3.85 | |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.51 | 11.0 | -3.49 |
| | | | | | 52 | 44 | 25/29.4 (MCS11) | 6.55 | 11.0 | -4.45 |
| | 5290 | 58 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.14 | 11.0 | -3.87 | |
| | | | | | 52 | 44 | 25/29.4 (MCS11) | 7.28 | 11.0 | -3.72 |
| | | | | | 52 | 52 | 25/29.4 (MCS11) | 6.66 | 11.0 | -4.34 |
| Band 2C | 5500 | 100 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.40 | 11.0 | -3.60 | |
| | | | | | 52 | 38 | 25/29.4 (MCS11) | 7.72 | 11.0 | -3.28 |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.27 | 11.0 | -3.73 |
| | 5580 | 116 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.79 | 11.0 | -3.21 | |
| | | | | | 52 | 38 | 25/29.4 (MCS11) | 7.94 | 11.0 | -3.06 |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.77 | 11.0 | -3.24 |
| | 5720 | 144 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.66 | 11.0 | -3.34 | |
| | | | | | 52 | 38 | 25/29.4 (MCS11) | 7.71 | 11.0 | -3.29 |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.37 | 11.0 | -3.63 |
| | 5510 | 102 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 6.72 | 11.0 | -4.28 | |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 6.27 | 11.0 | -4.73 |
| | | | | | 52 | 44 | 25/29.4 (MCS11) | 6.53 | 11.0 | -4.47 |
| | 5550 | 110 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.51 | 11.0 | -3.49 | |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.89 | 11.0 | -3.11 |
| | | | | | 52 | 44 | 25/29.4 (MCS11) | 7.43 | 11.0 | -3.57 |
| | 5710 | 142 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.45 | 11.0 | -3.55 | |
| | | | | | 52 | 40 | 25/29.4 (MCS11) | 7.76 | 11.0 | -3.24 |
| | | | | | 52 | 44 | 25/29.4 (MCS11) | 7.07 | 11.0 | -3.93 |
| 5530 | 106 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 6.12 | 11.0 | -4.88 | | |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 5.70 | 11.0 | -5.30 | |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 6.03 | 11.0 | -4.97 | |
| 5610* | 122 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.32 | 11.0 | -3.68 | | |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 7.25 | 11.0 | -3.75 | |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 7.02 | 11.0 | -3.98 | |
| 5690 | 138 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.24 | 11.0 | -3.76 | | |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 7.36 | 11.0 | -3.64 | |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 6.88 | 11.0 | -4.12 | |
| 5570* | 114 (L) | ax (160MHz) | 52 | 37 | 25/29.4 (MCS11) | 3.58 | 11.0 | -7.42 | | |
| | | | 52 | 52 | 25/29.4 (MCS11) | 3.95 | 11.0 | -7.06 | | |
| | 114 (U) | | 52 | 52 | 25/29.4 (MCS11) | 3.56 | 11.0 | -7.44 | | |

Table 7-182. Bands 2A, 2C Power Spectral Density Measurements Antenna WF7 (RU52)

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

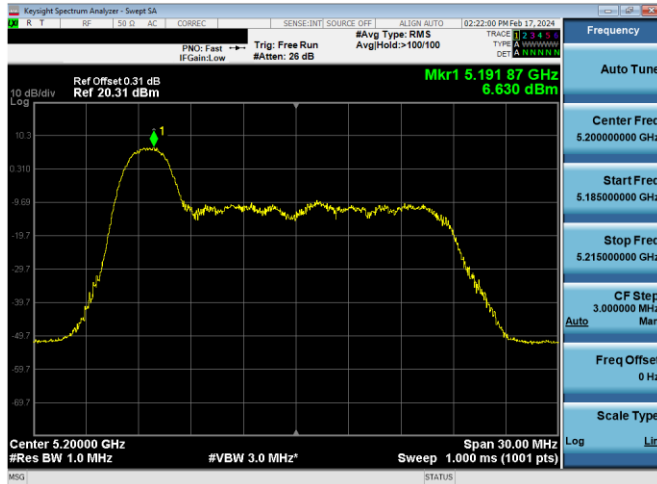
| | | | |
|--|---|---|--|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 159 of 455 |

| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|-------------|-------------|---------|---------------------|---------------------|----------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.17 | 11.0 | -6.83 |
| | 5200 | 40 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 7.56 | 11.0 | -3.44 |
| | 5240 | 48 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 7.49 | 11.0 | -3.51 |
| | 5190 | 38 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -0.83 | 11.0 | -11.83 |
| | 5230 | 46 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 4.98 | 11.0 | -6.02 |
| | 5210 | 42 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -4.91 | 11.0 | -15.91 |
| Band 1/2A | 5250 | 50 | ax (160MHz) | 996x2 | 68 | 1020.8/1201 (MCS11) | -8.58 | 11.0 | -19.58 |
| Band 2A | 5260 | 52 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 7.76 | 11.0 | -3.25 |
| | 5300 | 60 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 7.66 | 11.0 | -3.34 |
| | 5320 | 64 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.60 | 11.0 | -6.40 |
| | 5270 | 54 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 5.04 | 11.0 | -5.96 |
| | 5310 | 62 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -0.09 | 11.0 | -11.09 |
| | 5290 | 58 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -3.88 | 11.0 | -14.88 |
| Band 2C | 5500 | 100 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 2.62 | 11.0 | -8.38 |
| | 5580 | 116 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 7.88 | 11.0 | -3.12 |
| | 5720 | 144 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 7.64 | 11.0 | -3.36 |
| | 5510 | 102 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -2.49 | 11.0 | -13.49 |
| | 5550 | 110 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 3.78 | 11.0 | -7.23 |
| | 5710 | 142 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 5.02 | 11.0 | -5.99 |
| | 5530 | 106 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -5.60 | 11.0 | -16.60 |
| | 5610* | 122 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -1.34 | 11.0 | -12.34 |
| | 5690 | 138 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | 1.18 | 11.0 | -9.82 |
| 5570* | 114 | ax (160MHz) | 996x2 | 68 | 1020.8/1201 (MCS11) | -10.12 | 11.0 | -21.12 | |

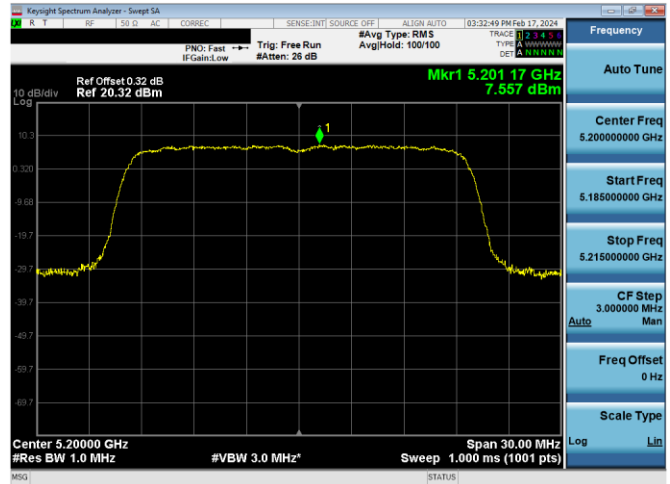
Table 7-183. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF7 (Fully-loaded RU)

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

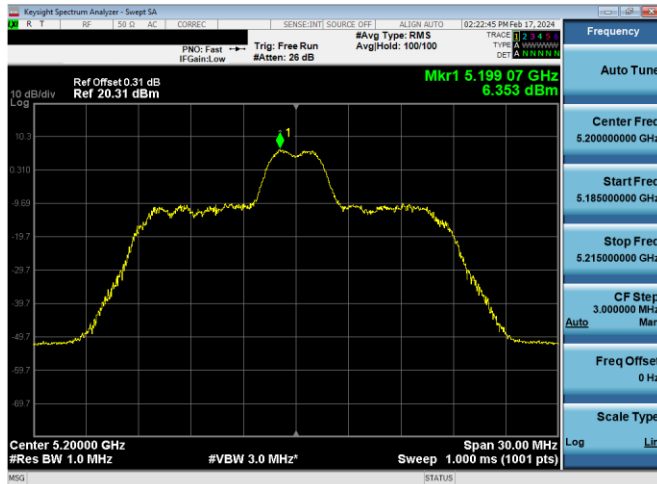
| | | | |
|--|---|---|--|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 160 of 455 |



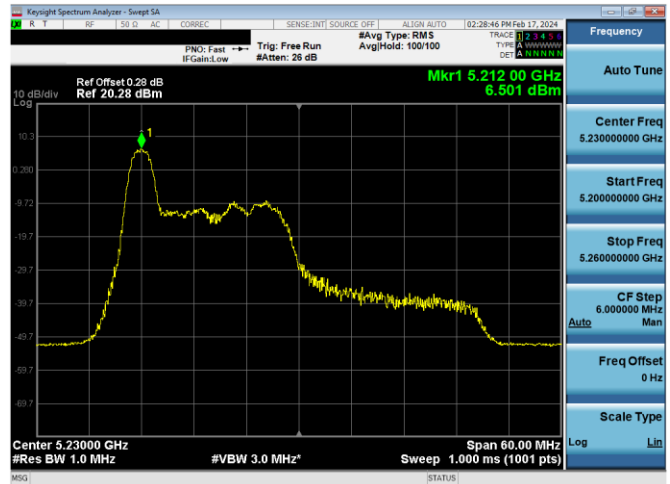
Plot 7-311. PSD Antenna WF7 (20MHz BW 11ax Index 0 – RU26 – Ch.40)



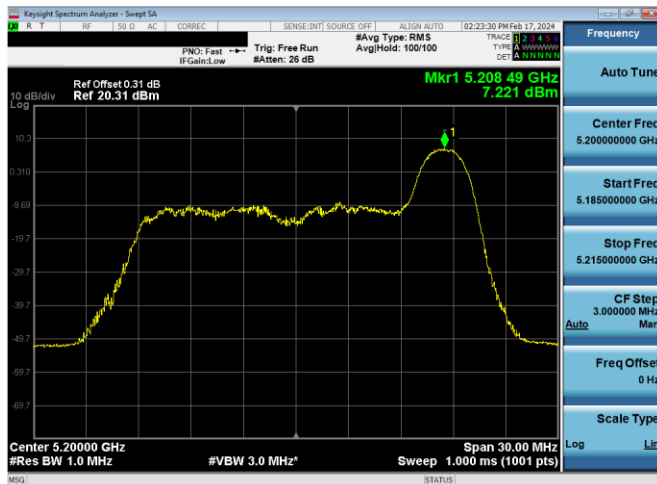
Plot 7-314. PSD Antenna WF7 (20MHz BW 11ax- RU242 – Ch.40)



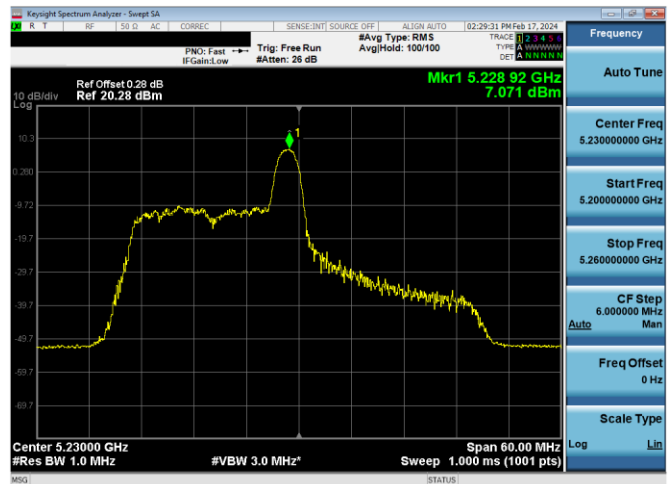
Plot 7-312. PSD Antenna WF7 (20MHz BW 11ax Index 4 – RU26 – Ch.40)



Plot 7-315. PSD Antenna WF7 (40MHz BW 11ax Index 0 – RU26 – Ch.46)

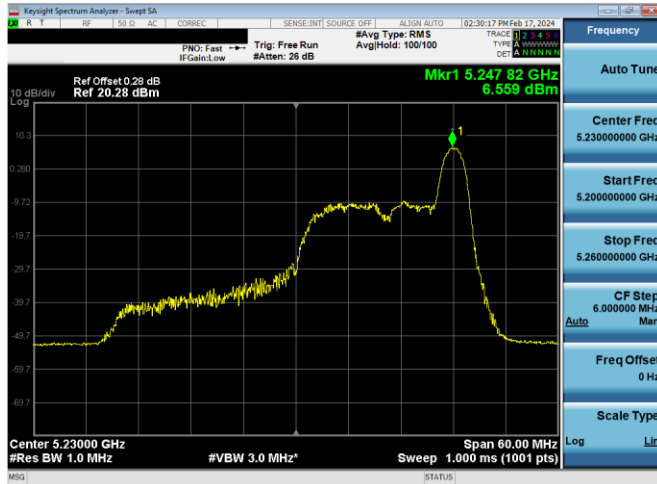


Plot 7-313. PSD Antenna WF7 (20MHz BW 11ax Index 8 – RU26 – Ch.40)

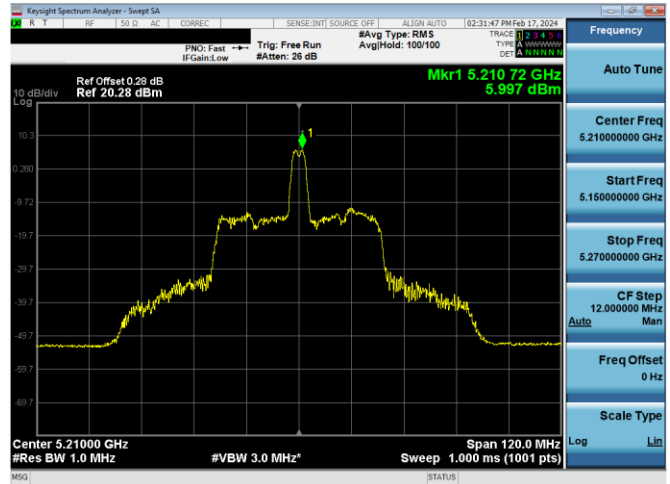


Plot 7-316. PSD Antenna WF7 (40MHz BW 11ax Index 8 – RU26 – Ch.46)

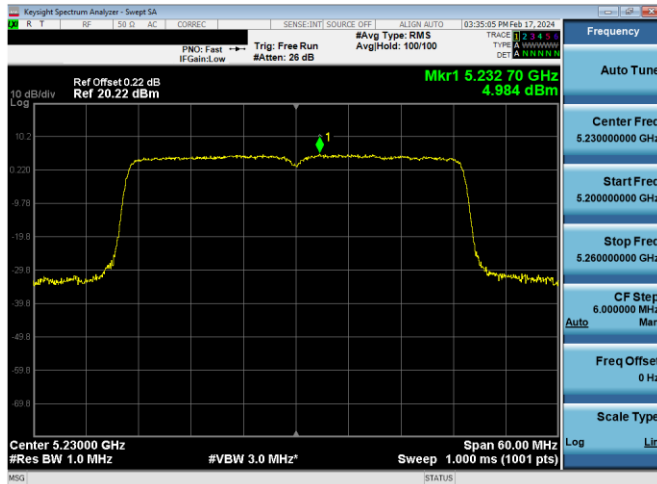
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 161 of 455 |



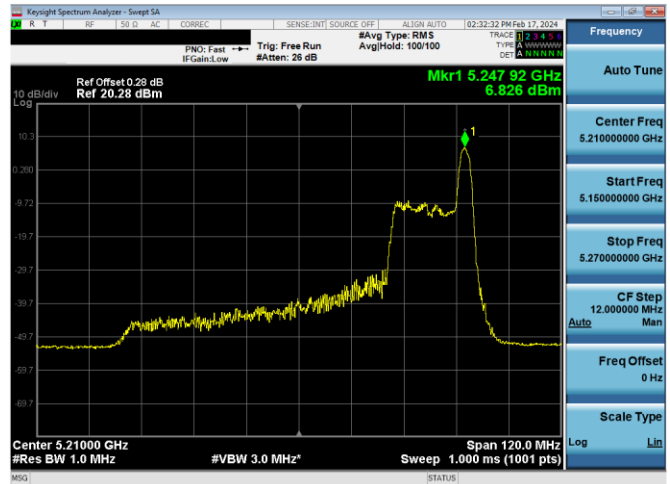
Plot 7-317. PSD Antenna WF7 (40MHz BW 11ax Index 17 - RU26 - Ch.46)



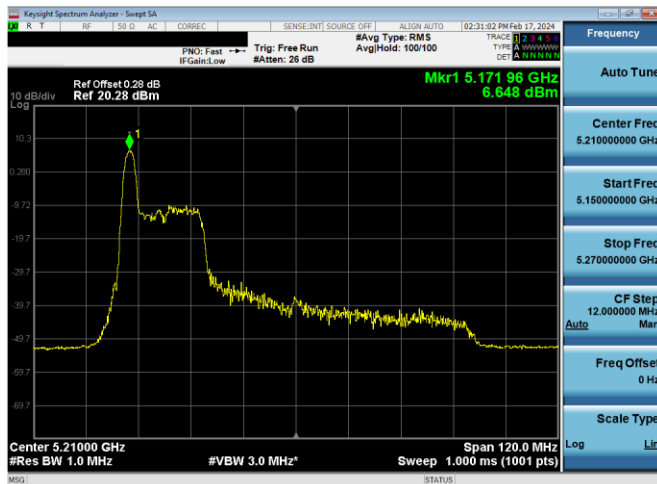
Plot 7-320. PSD Antenna WF7 (80MHz BW 11ax Index 18 - RU26 - Ch.42)



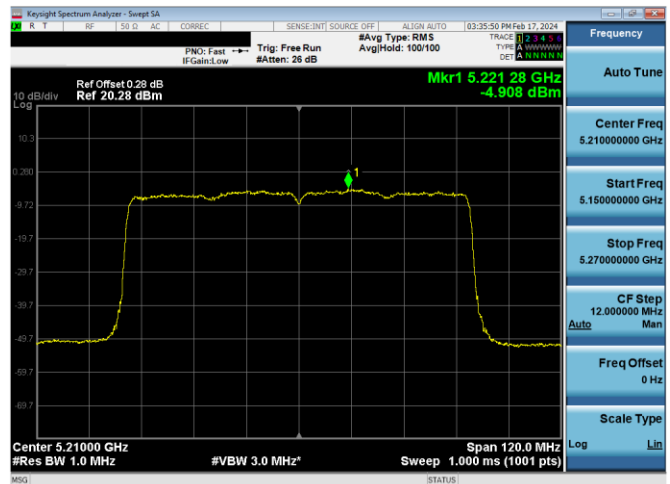
Plot 7-318. PSD Antenna WF7 (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-321. PSD Antenna WF7 (80MHz BW 11ax Index 36 - RU26 - Ch.42)

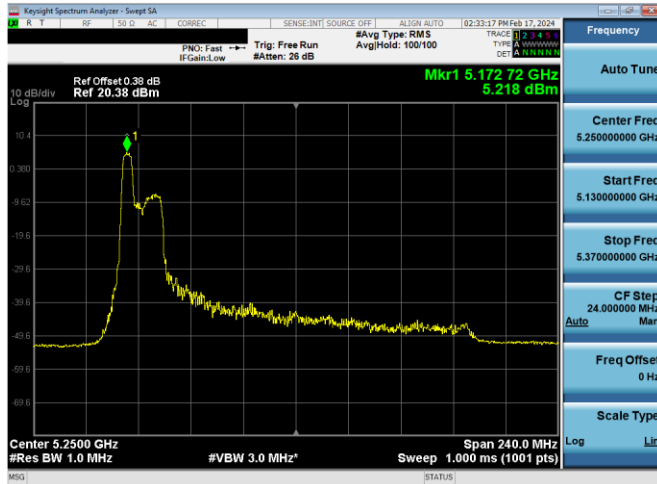


Plot 7-319. PSD Antenna WF7 (80MHz BW 11ax Index 0 - RU26 - Ch.42)

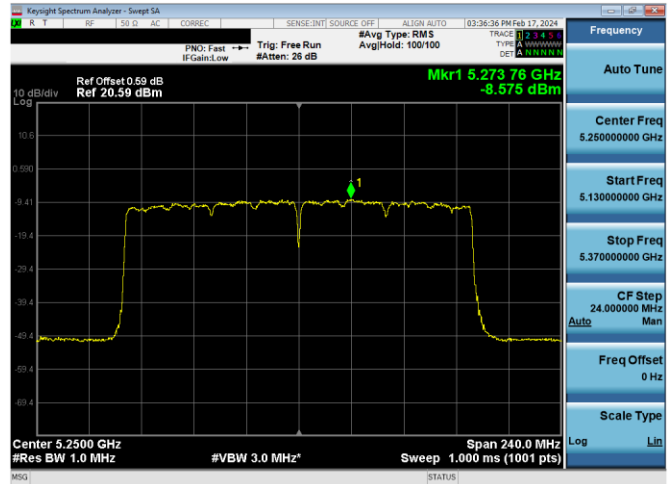


Plot 7-322. PSD Antenna WF7 (80MHz BW 11ax - RU996 - Ch.42)

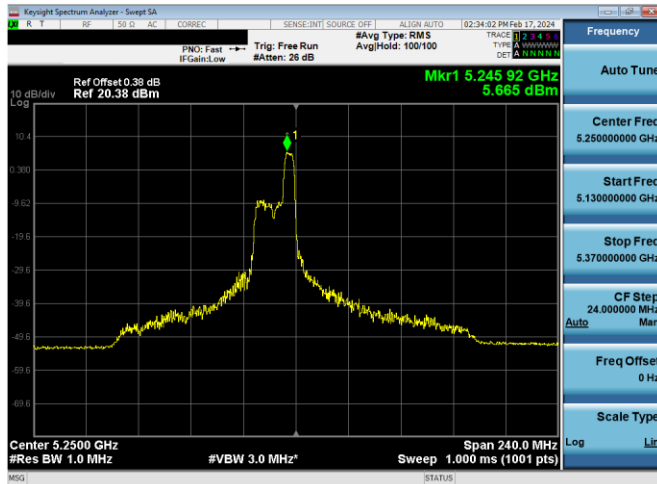
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 162 of 455 |



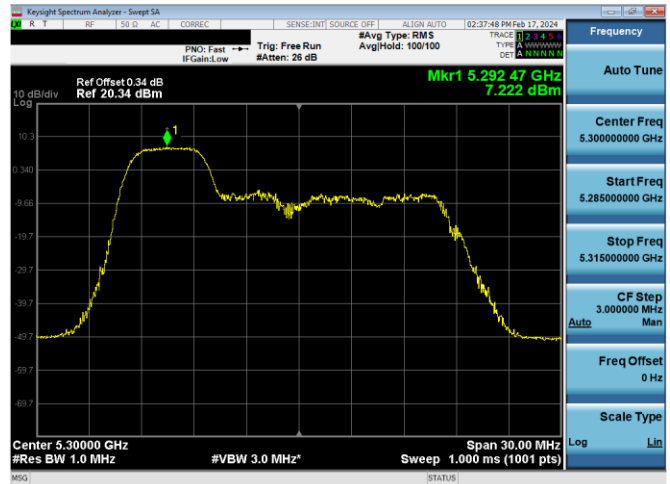
Plot 7-323. PSD Antenna WF7 (160MHz BW 11ax Index 37 - RU52 - Ch.50 (L))



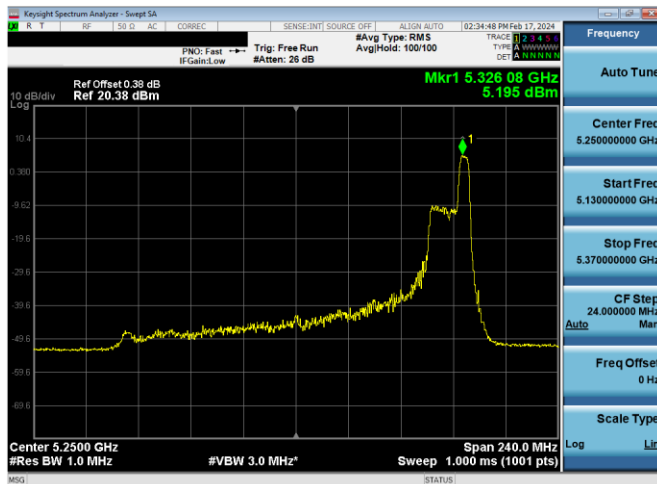
Plot 7-326. PSD Antenna WF7 (160MHz BW 11ax - RU996x2 - Ch.50)



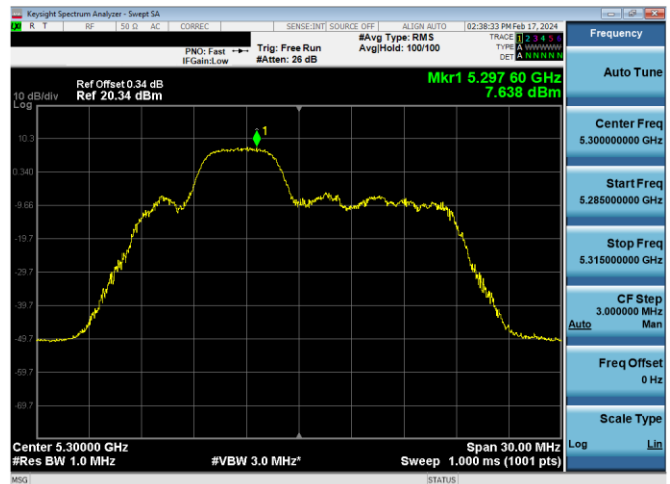
Plot 7-324. PSD Antenna WF7 (160MHz BW 11ax Index 52 - RU52 - Ch.50 (L))



Plot 7-327. PSD Antenna WF7 (20MHz BW 11ax Index 37 - RU52 - Ch.60)

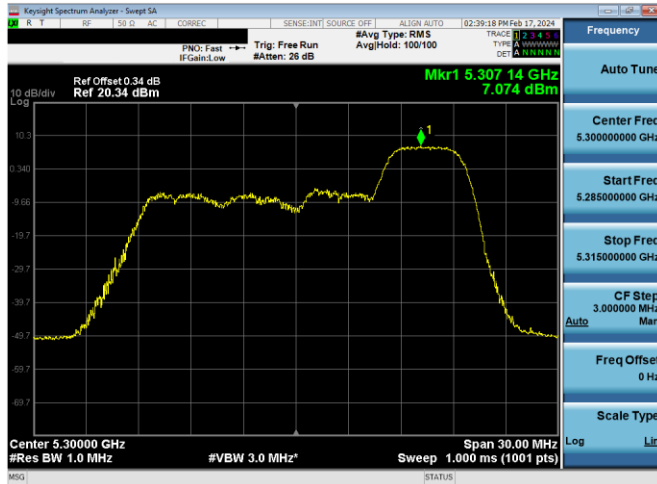


Plot 7-325. PSD Antenna WF7 (160MHz BW 11ax Index 52 - RU52 - Ch.50 (U))

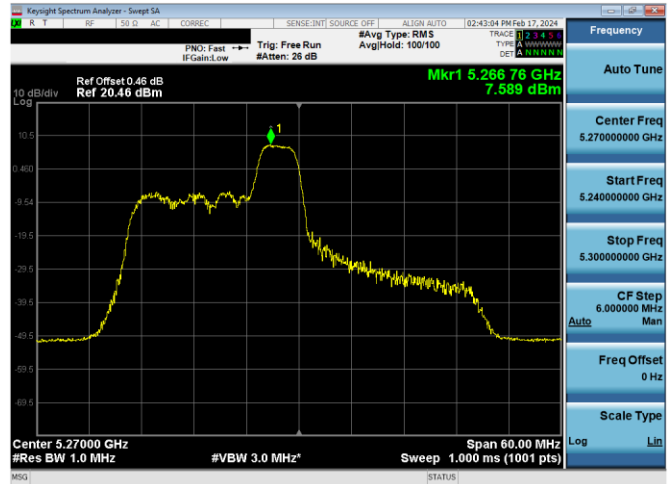


Plot 7-328. PSD Antenna WF7 (20MHz BW 11ax Index 38 - RU52 - Ch.60)

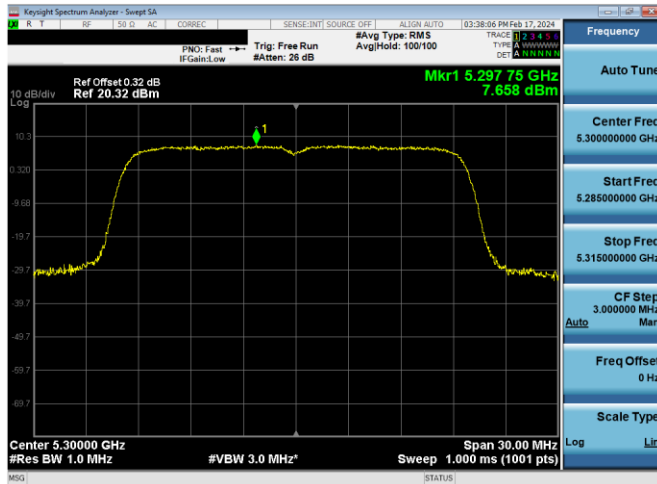
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 163 of 455 |



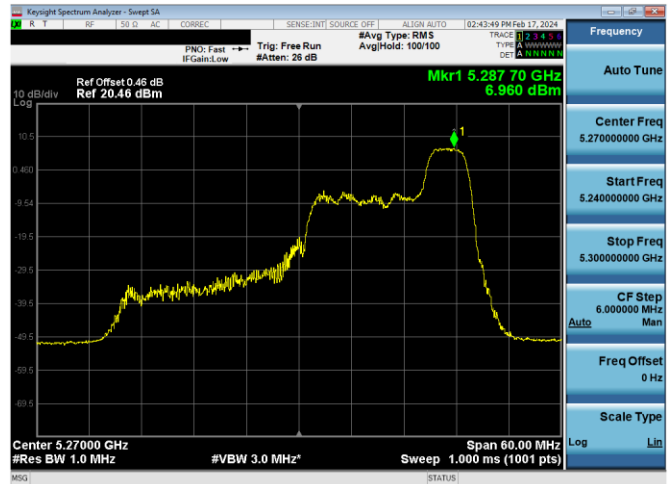
Plot 7-329. PSD Antenna WF7 (20MHz BW 11ax Index 40 - RU52 - Ch.60)



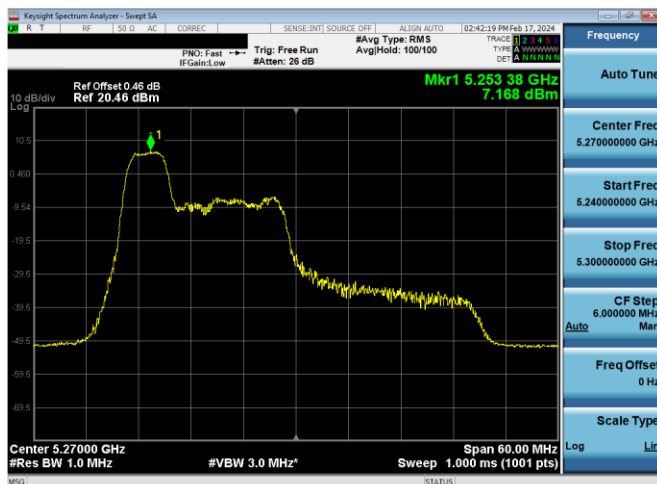
Plot 7-332. PSD Antenna WF7 (40MHz BW 11ax Index 40 - RU52 - Ch.54)



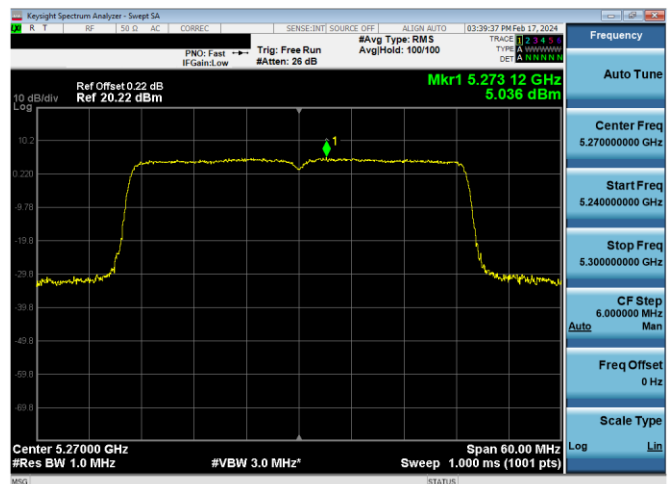
Plot 7-330. PSD Antenna WF7 (20MHz BW 11ax - RU242 - Ch.60)



Plot 7-333. PSD Antenna WF7 (40MHz BW 11ax Index 44 - RU52 - Ch.54)

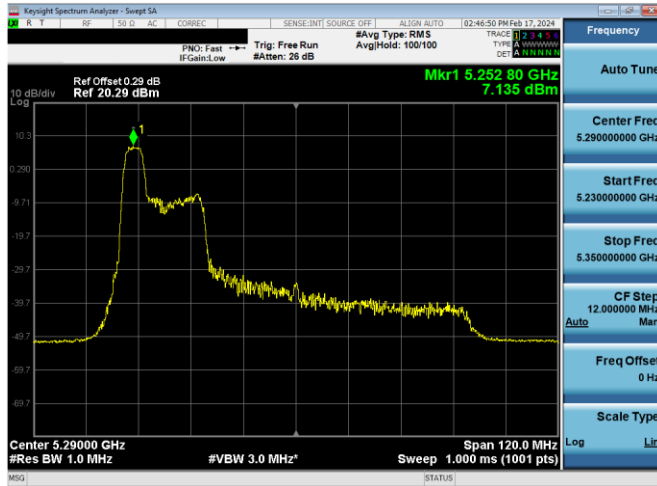


Plot 7-331. PSD Antenna WF7 (40MHz BW 11ax Index 37 - RU52 - Ch.54)

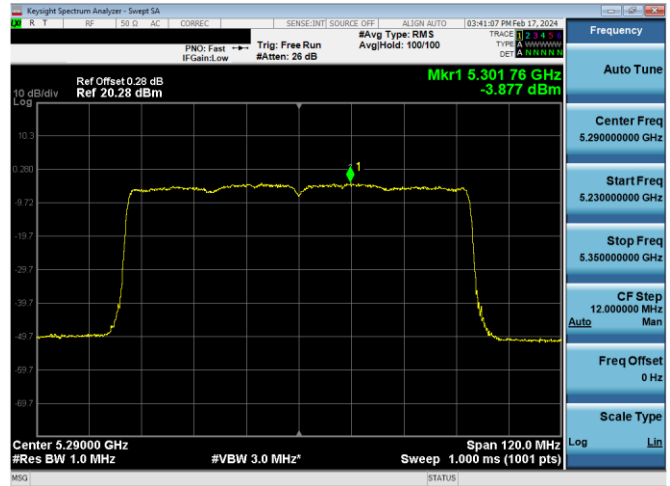


Plot 7-334. PSD Antenna WF7 (40MHz BW 11ax - RU484 - Ch.54)

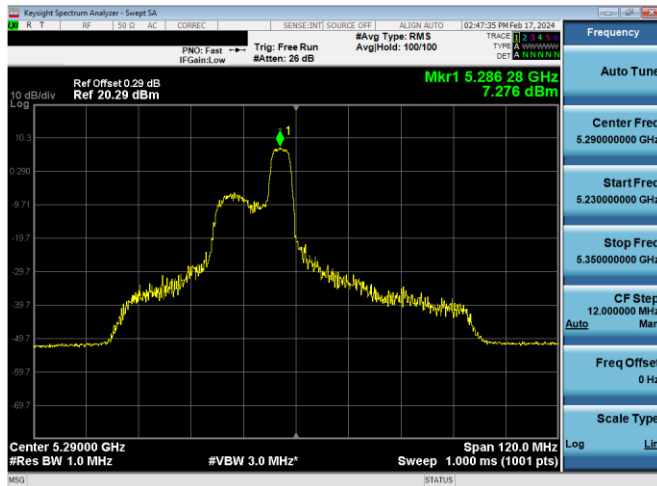
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 164 of 455 |



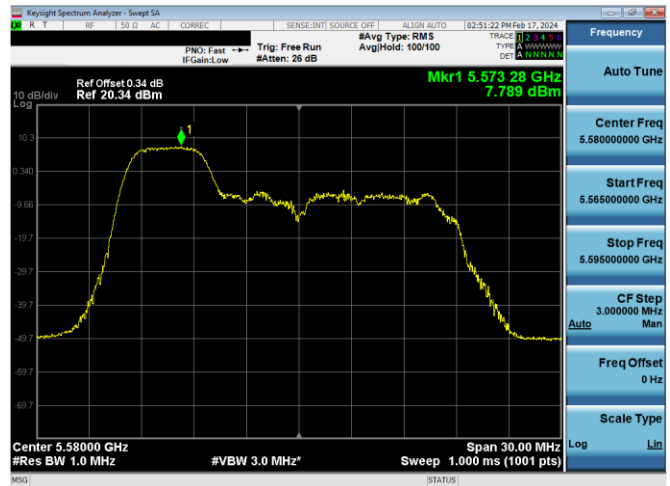
Plot 7-335. PSD Antenna WF7 (80MHz BW 11ax Index 37 - RU52 - Ch.58)



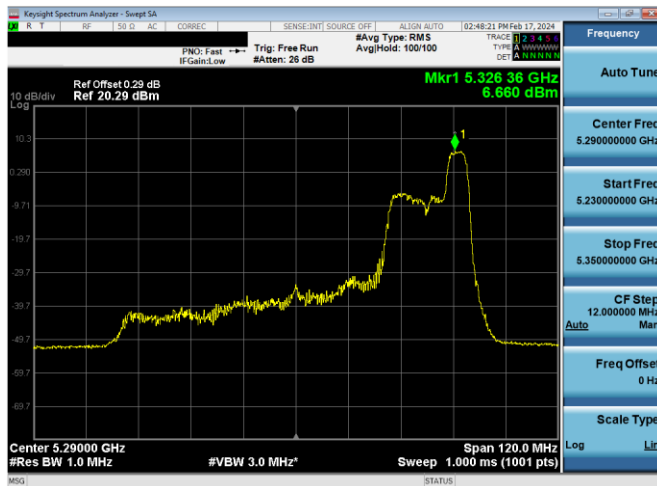
Plot 7-338. PSD Antenna WF7 (80MHz BW 11ax - RU996 - Ch.58)



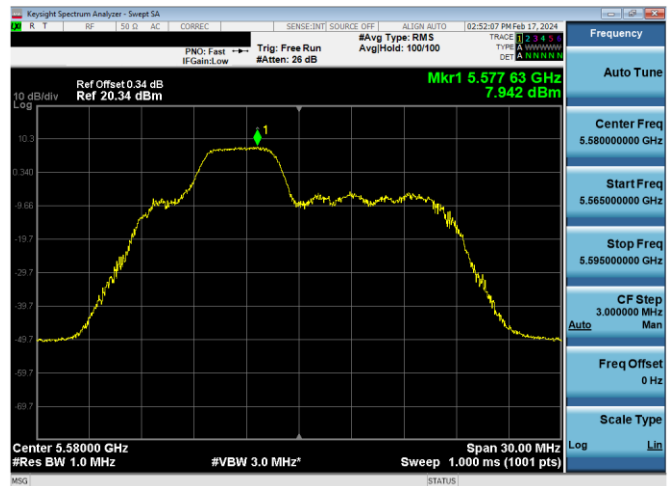
Plot 7-336. PSD Antenna WF7 (80MHz BW 11ax Index 44 - RU52 - Ch.58)



Plot 7-339. PSD Antenna WF7 (20MHz BW 11ax Index 37 - RU52 - Ch.116)

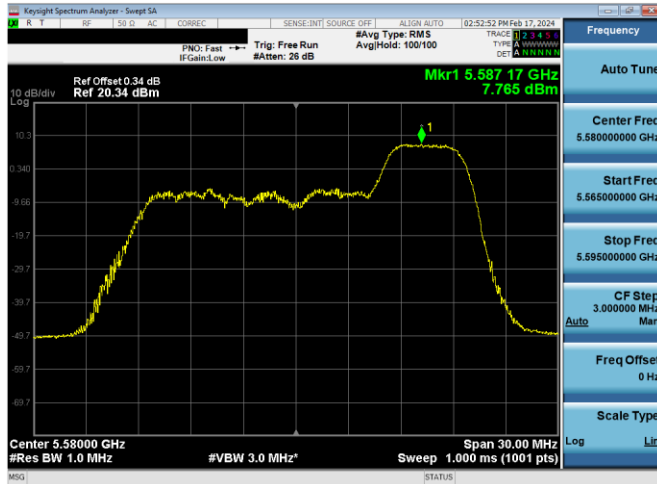


Plot 7-337. PSD Antenna WF7 (80MHz BW 11ax Index 52 - RU52 - Ch.58)

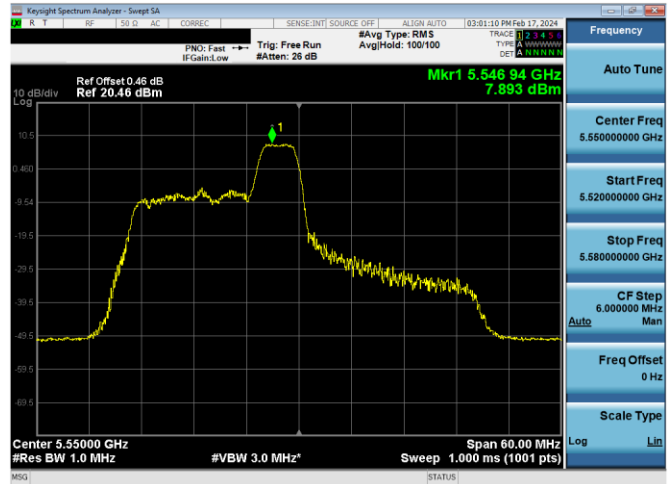


Plot 7-340. PSD Antenna WF7 (20MHz BW 11ax Index 38 - RU52 - Ch.116)

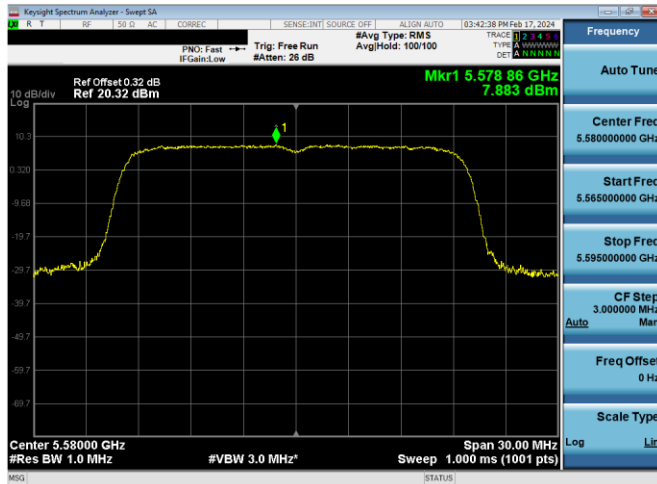
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 165 of 455 |



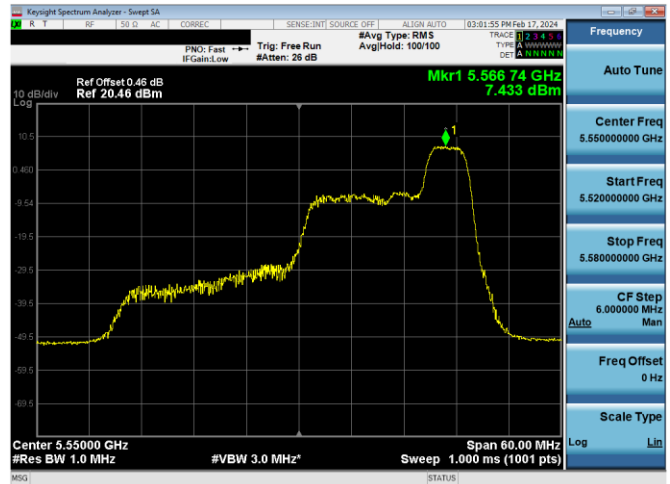
Plot 7-341. PSD Antenna WF7 (20MHz BW 11ax Index 40 – RU52 – Ch.116)



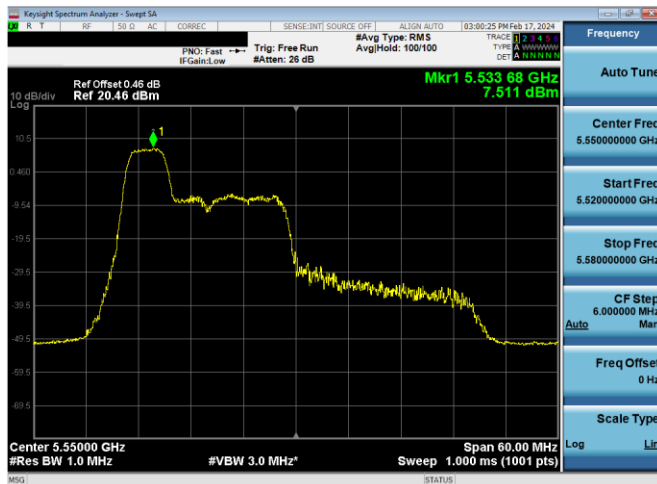
Plot 7-344. PSD Antenna WF7 (40MHz BW 11ax Index 40 – RU52 – Ch.110)



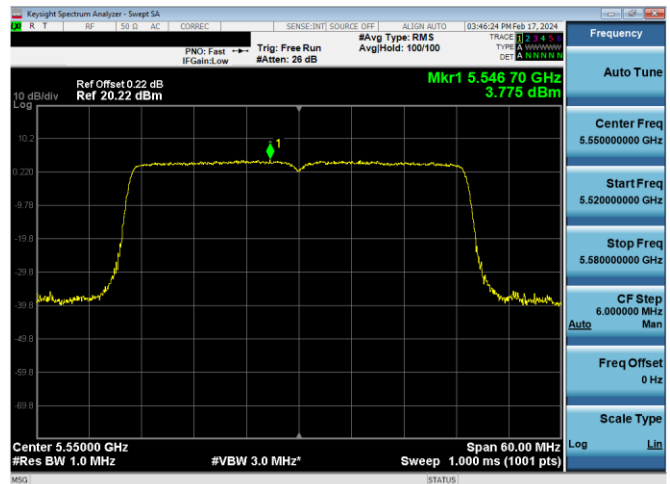
Plot 7-342. PSD Antenna WF7 (20MHz BW 11ax - RU242 – Ch.116)



Plot 7-345. PSD Antenna WF7 (40MHz BW 11ax Index 44 – RU52 – Ch.110)

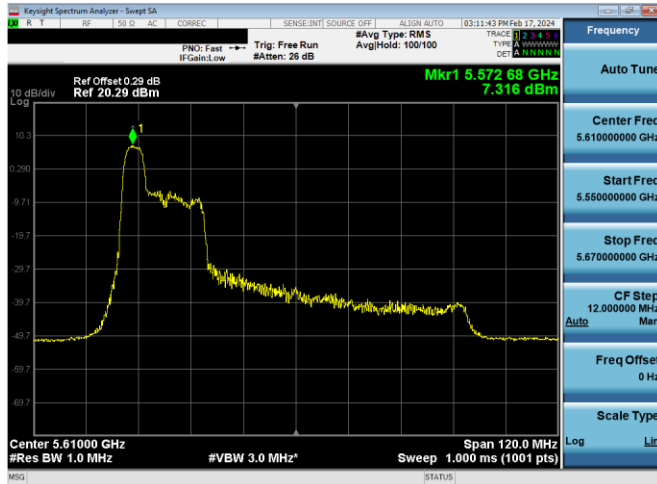


Plot 7-343. PSD Antenna WF7 (40MHz BW 11ax Index 37 – RU52 – Ch.110)

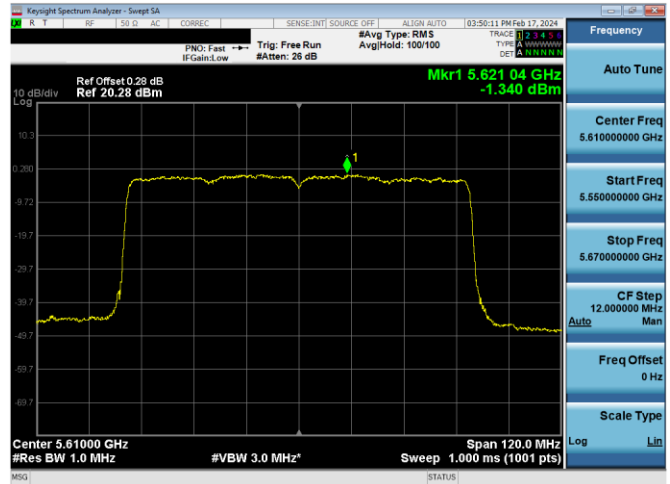


Plot 7-346. PSD Antenna WF7 (40MHz BW 11ax - RU484 – Ch.110)

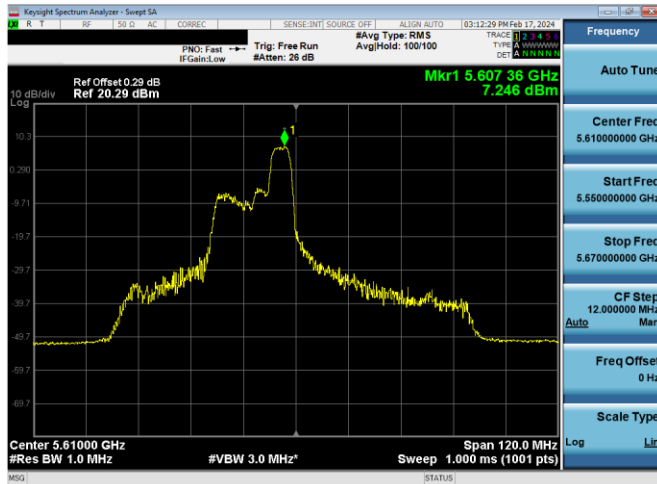
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 166 of 455 |



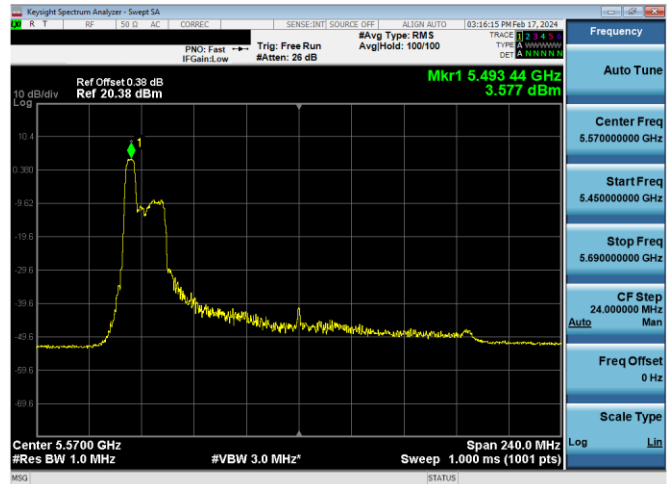
Plot 7-347. PSD Antenna WF7 (80MHz BW 11ax Index 37 - RU52 - Ch.122)



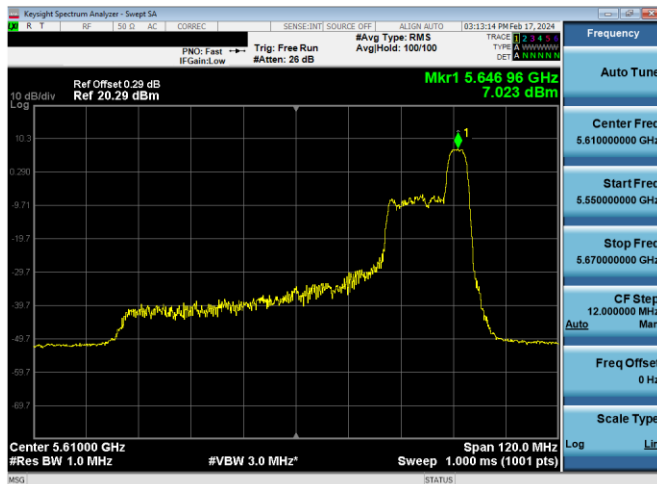
Plot 7-350. PSD Antenna WF7 (80MHz BW 11ax - RU96 - Ch.122)



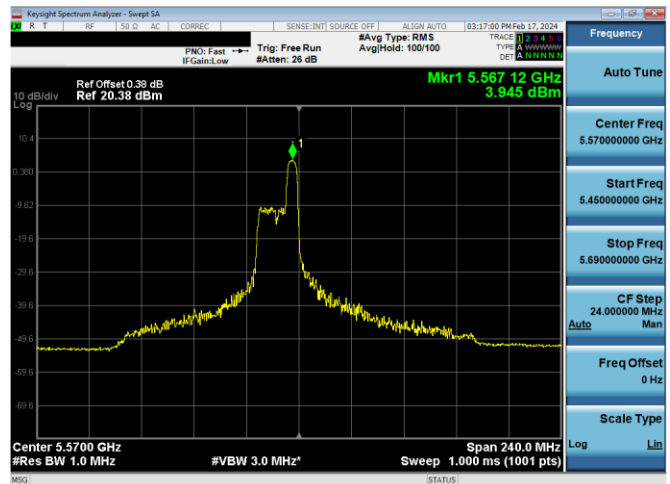
Plot 7-348. PSD Antenna WF7 (80MHz BW 11ax Index 44 - RU52 - Ch.122)



Plot 7-351. PSD Antenna WF7 (160MHz BW 11ax Index 37 - RU52 - Ch.114 (L))

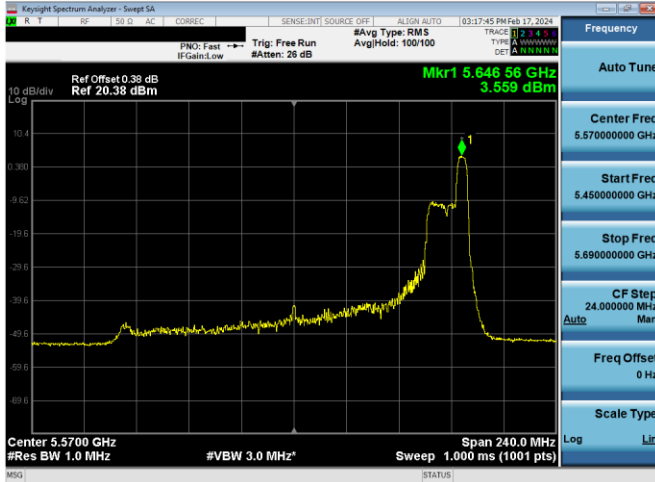


Plot 7-349. PSD Antenna WF7 (80MHz BW 11ax Index 52 - RU52 - Ch.122)

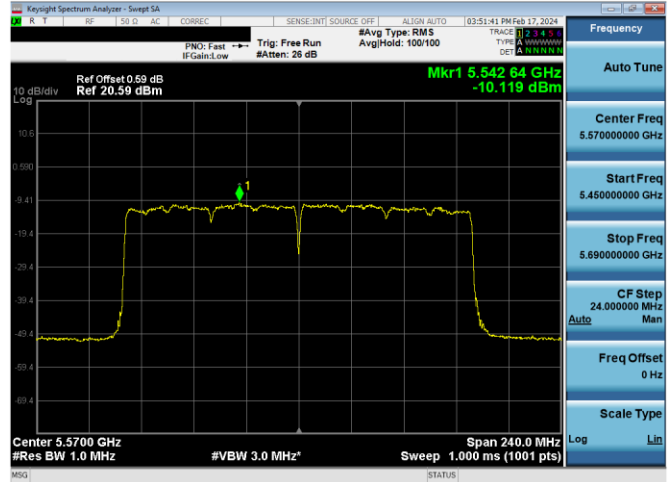


Plot 7-352. PSD Antenna WF7 (160MHz BW 11ax Index 52 - RU52 - Ch.114 (L))

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 167 of 455 |



Plot 7-353. PSD Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-354. PSD Antenna WF7 (160MHz BW 11ax – RU996x2 – Ch.114)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 168 of 455 |

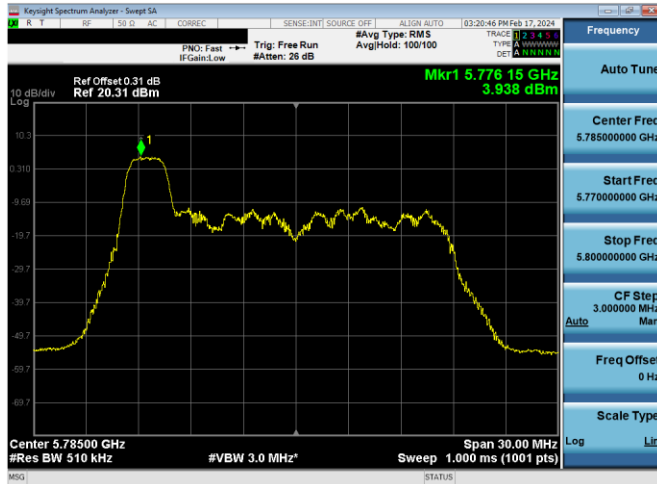
| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|-------------------|-------------------|-------------------------------------|--|-------------|
| Band 3 | 5745 | 149 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 4.38 | 30.0 | -25.62 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.36 | 30.0 | -25.64 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 4.06 | 30.0 | -25.94 |
| | 5785 | 157 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 3.94 | 30.0 | -26.06 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.33 | 30.0 | -25.67 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 4.14 | 30.0 | -25.86 |
| | 5825 | 165 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 4.20 | 30.0 | -25.80 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.71 | 30.0 | -25.29 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 4.32 | 30.0 | -25.68 |
| | 5755 | 151 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 3.92 | 30.0 | -26.08 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 4.61 | 30.0 | -25.39 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 3.77 | 30.0 | -26.23 |
| | 5795 | 159 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 3.73 | 30.0 | -26.27 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 4.60 | 30.0 | -25.40 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 4.27 | 30.0 | -25.73 |
| 5775 | 155 | ax (80MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 4.24 | 30.0 | -25.76 | |
| | | | 26 | 18 | 12.5/14.7 (MCS11) | 3.26 | 30.0 | -26.74 | |
| | | | 26 | 36 | 12.5/14.7 (MCS11) | 3.86 | 30.0 | -26.14 | |

Table 7-184. Band 3 Power Spectral Density Measurements Antenna WF7 (RU26)

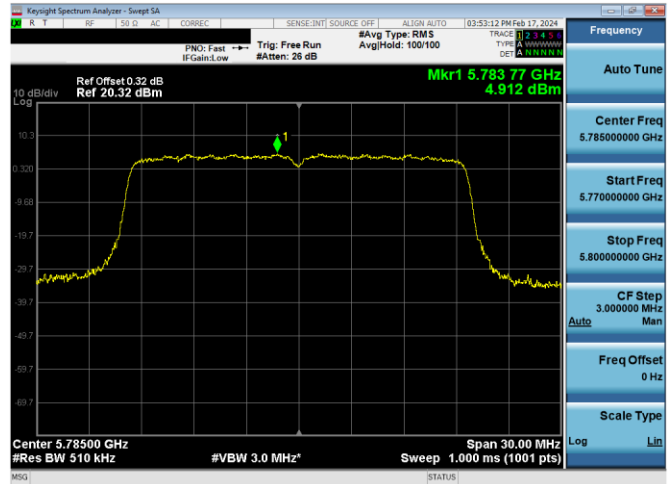
| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|-------------------------------------|--|-------------|
| Band 3 | 5745 | 149 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.73 | 30.0 | -25.27 |
| | 5785 | 157 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.91 | 30.0 | -25.09 |
| | 5825 | 165 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 5.10 | 30.0 | -24.90 |
| | 5755 | 151 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 1.37 | 30.0 | -28.63 |
| | 5795 | 159 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 1.99 | 30.0 | -28.01 |
| | 5775 | 155 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -3.70 | 30.0 | -33.70 |

Table 7-185. Band 3 Power Spectral Density Measurements Antenna WF7 (Fully-loaded RU)

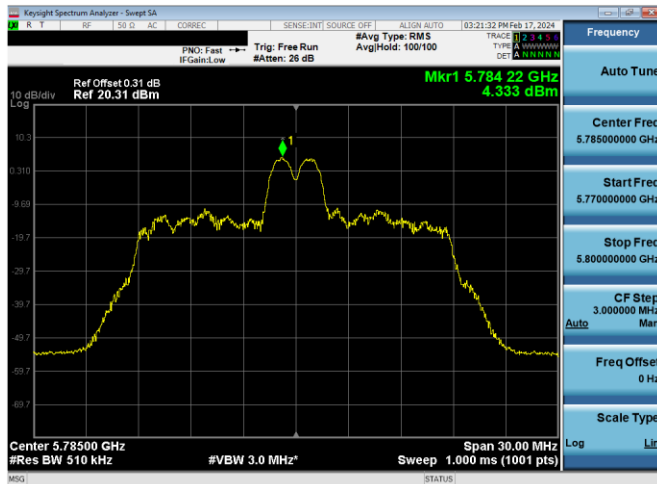
| | | | |
|--|---|---|--|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 169 of 455 |



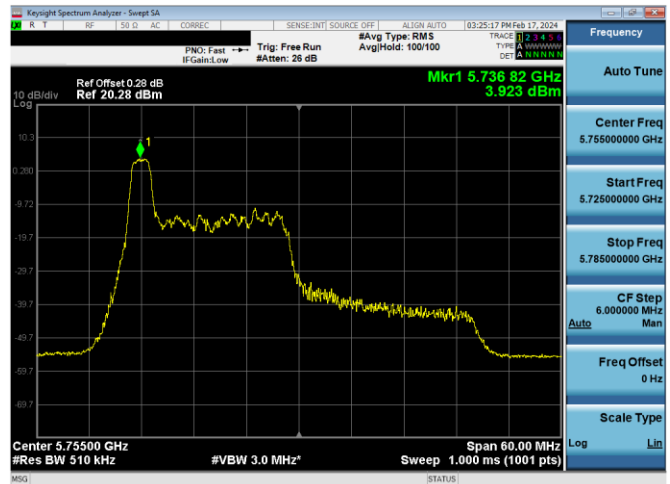
Plot 7-355. PSD Antenna WF7 (20MHz BW 11ax Index 0 - RU26 - Ch.157)



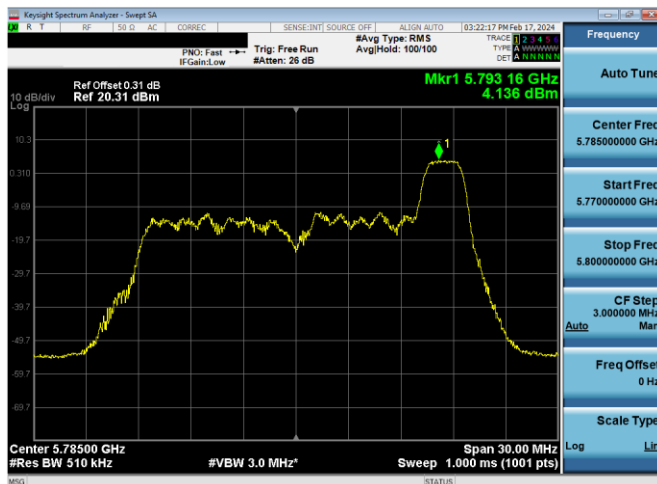
Plot 7-358. PSD Antenna WF7 (20MHz BW 11ax - RU242 - Ch.157)



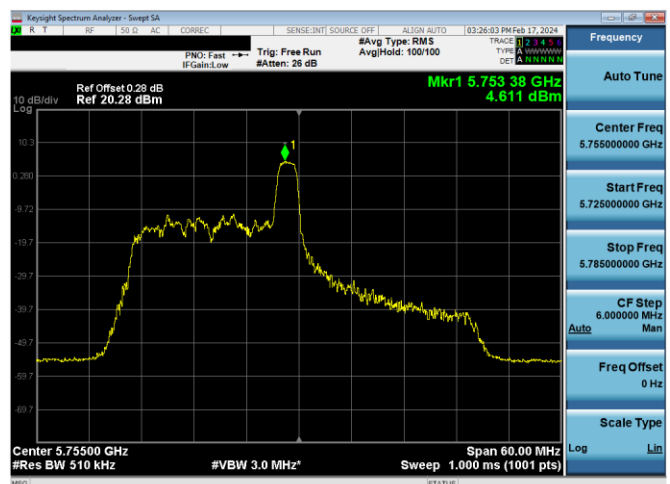
Plot 7-356. PSD Antenna WF7 (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-359. PSD Antenna WF7 (40MHz BW 11ax Index 0 - RU26 - Ch.151)

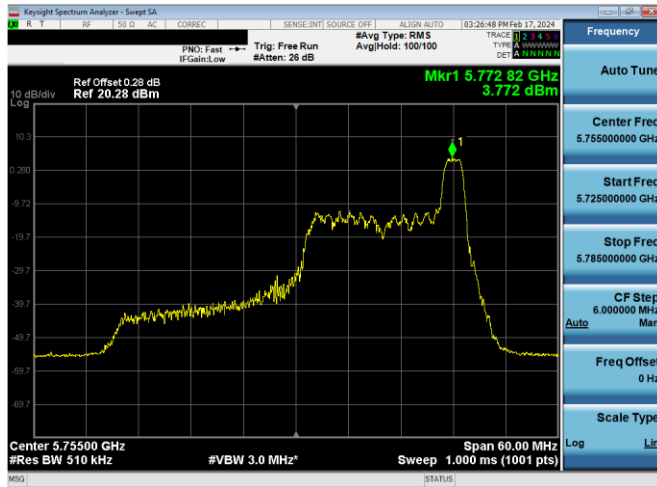


Plot 7-357. PSD Antenna WF7 (20MHz BW 11ax Index 8 - RU26 - Ch.157)

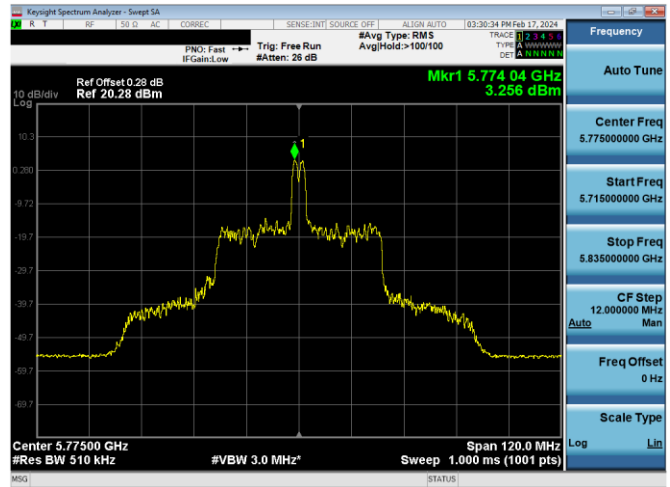


Plot 7-360. PSD Antenna WF7 (40MHz BW 11ax Index 8 - RU26 - Ch.151)

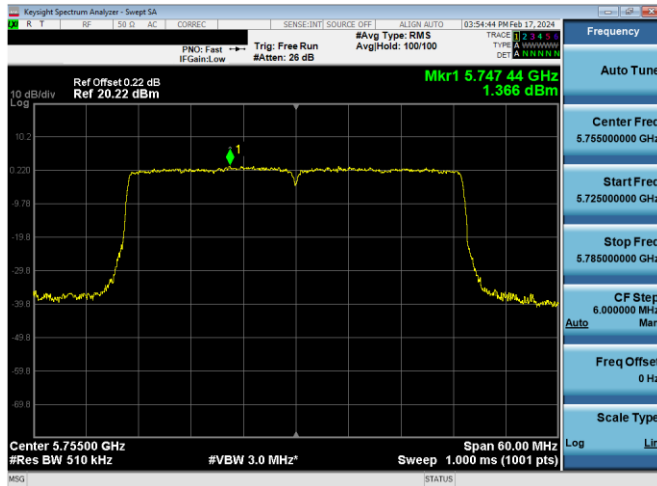
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 170 of 455 |



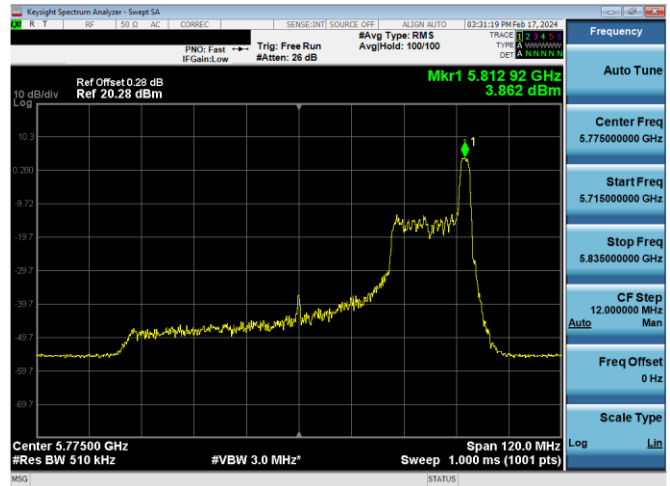
Plot 7-361. PSD Antenna WF7 (40MHz BW 11ax Index 17 - RU26 - Ch.151)



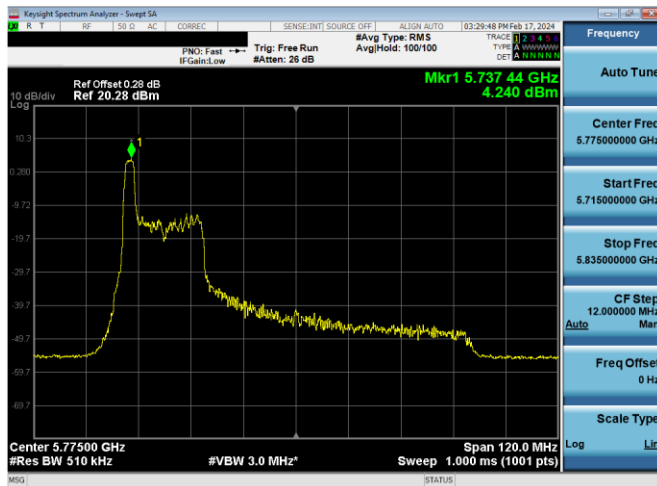
Plot 7-364. PSD Antenna WF7 (80MHz BW 11ax Index 18 - RU26 - Ch.155)



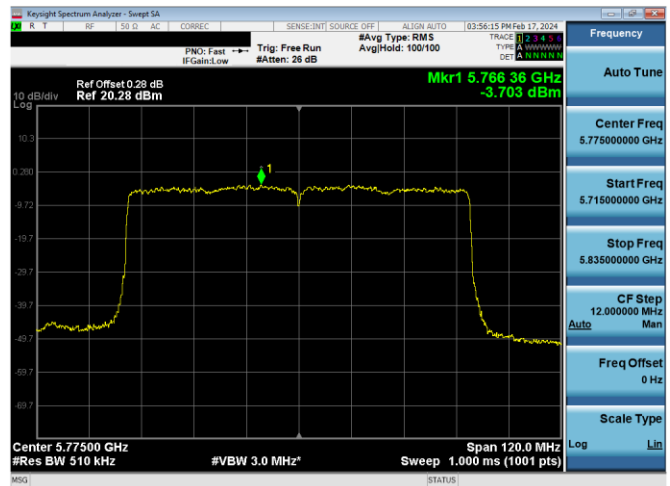
Plot 7-362. PSD Antenna WF7 (40MHz BW 11ax - RU484 - Ch.151)



Plot 7-365. PSD Antenna WF7 (80MHz BW 11ax Index 36 - RU26 - Ch.155)



Plot 7-363. PSD Antenna WF7 (80MHz BW 11ax Index 0 - RU26 - Ch.155)



Plot 7-366. PSD Antenna WF7 (80MHz BW 11ax - RU996 - Ch.155)

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 171 of 455 |

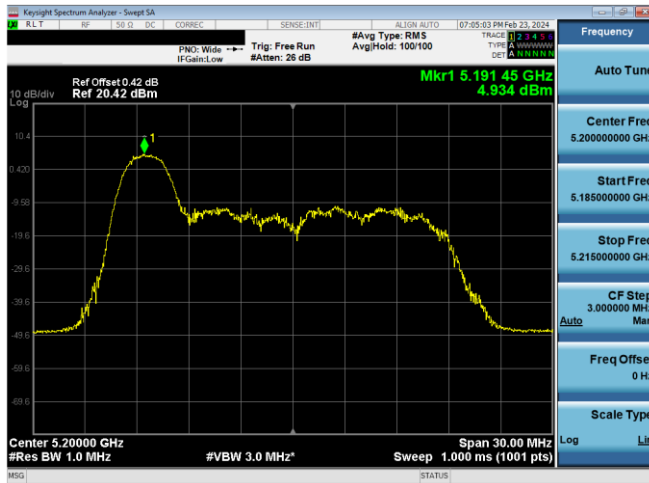
| | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|-------------|-------------|---------|----------|-------------------|----------------------------------|--------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.34 | -0.20 | 5.14 | 10.0 | -4.86 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.12 | -0.20 | 3.92 | 10.0 | -6.08 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.40 | -0.20 | 5.20 | 10.0 | -4.80 |
| | 5200 | 40 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 4.93 | -0.20 | 4.73 | 10.0 | -5.27 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.68 | -0.20 | 4.48 | 10.0 | -5.52 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.36 | -0.20 | 5.16 | 10.0 | -4.84 |
| | 5240 | 48 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.12 | -0.20 | 4.92 | 10.0 | -5.08 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 3.76 | -0.20 | 3.56 | 10.0 | -6.44 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.06 | -0.20 | 4.86 | 10.0 | -5.14 |
| | 5190 | 38 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.83 | -0.20 | 5.63 | 10.0 | -4.38 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 6.20 | -0.20 | 6.00 | 10.0 | -4.00 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 5.55 | -0.20 | 5.35 | 10.0 | -4.65 |
| | 5230 | 46 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.63 | -0.20 | 5.43 | 10.0 | -4.57 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.81 | -0.20 | 5.61 | 10.0 | -4.40 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 6.02 | -0.20 | 5.82 | 10.0 | -4.18 |
| | 5210 | 42 | ax (80MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.58 | -0.20 | 5.38 | 10.0 | -4.62 |
| | | | | 26 | 18 | 12.5/14.7 (MCS11) | 4.54 | -0.20 | 4.34 | 10.0 | -5.66 |
| | | | | 26 | 36 | 12.5/14.7 (MCS11) | 5.89 | -0.20 | 5.69 | 10.0 | -4.31 |
| Band 1/2A | 5250 | 50 (L) | ax (160MHz) | 52 | 37 | 25/29.4 (MCS11) | 5.31 | -0.20 | 5.11 | 10.0 | -4.90 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 5.41 | -0.20 | 5.21 | 10.0 | -4.79 |

Table 7-186. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7 (RU26/RU52)

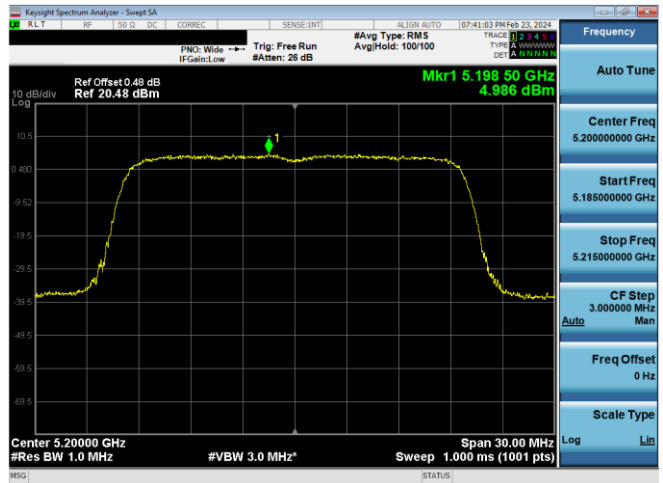
| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|----------------------------------|---|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.21 | -0.20 | 4.01 | 10.0 | -5.99 |
| | 5200 | 40 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.99 | -0.20 | 4.79 | 10.0 | -5.21 |
| | 5240 | 48 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.49 | -0.20 | 4.29 | 10.0 | -5.71 |
| | 5190 | 38 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -0.68 | -0.20 | -0.88 | 10.0 | -10.88 |
| | 5230 | 46 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 4.91 | -0.20 | 4.71 | 10.0 | -5.29 |
| | 5210 | 42 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -4.53 | -0.20 | -4.73 | 10.0 | -14.73 |
| Band 1/2A | 5250 | 50 | ax (160MHz) | 996x2 | 68 | 1020.8/1201 (MCS11) | -8.49 | -0.20 | -8.69 | 10.0 | -18.69 |

Table 7-187. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7 (Fully-loaded RU)

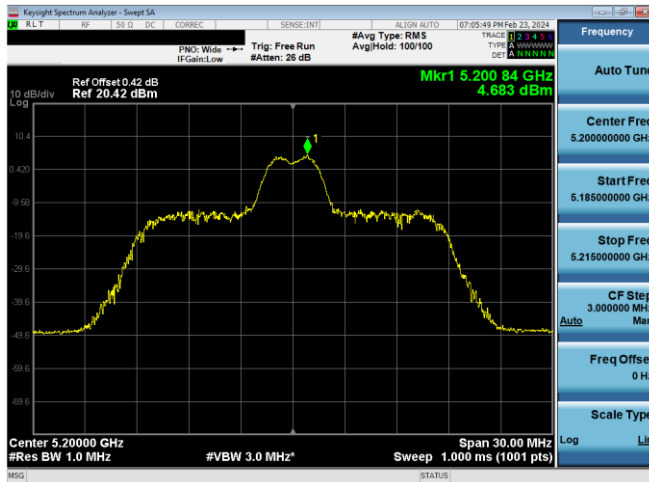
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 172 of 455 |



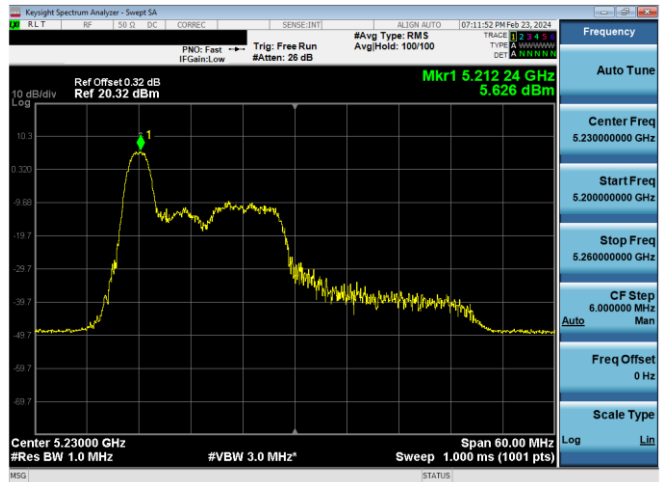
Plot 7-367. ISED PSD Antenna WF7 (20MHz BW 11ax Index 0 – RU26 – Ch.40)



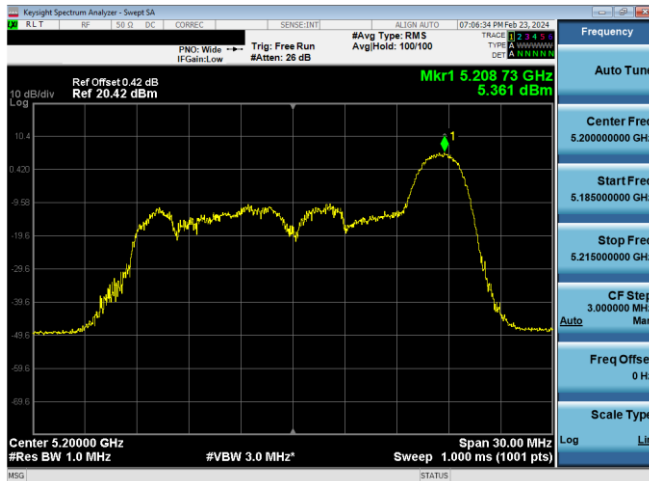
Plot 7-370. ISED PSD Antenna WF7 (20MHz BW 11ax – RU242 – Ch.40)



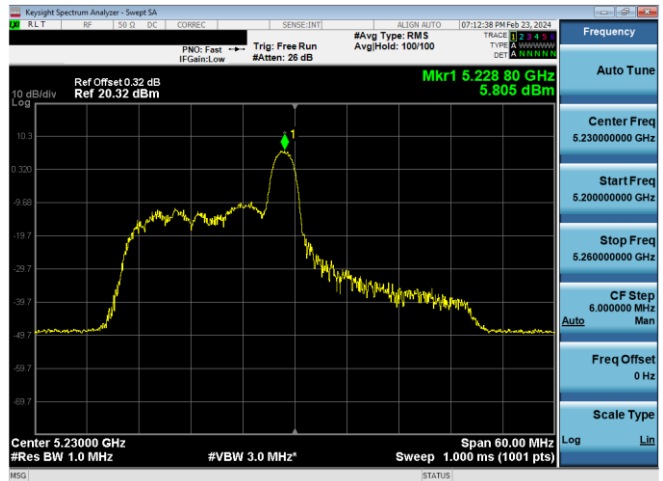
Plot 7-368. ISED PSD Antenna WF7 (20MHz BW 11ax Index 4 – RU26 – Ch.40)



Plot 7-371. ISED PSD Antenna WF7 (40MHz BW 11ax Index 0 – RU26 – Ch.46)

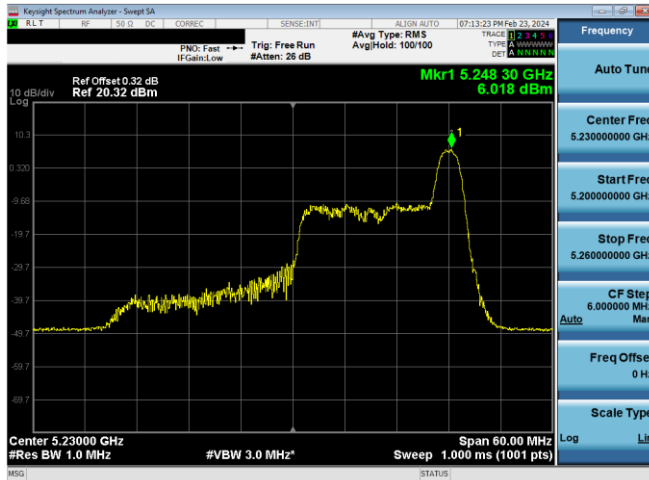


Plot 7-369. ISED PSD Antenna WF7 (20MHz BW 11ax Index 8 – RU26 – Ch.40)



Plot 7-372. ISED PSD Antenna WF7 (40MHz BW 11ax Index 8 – RU26 – Ch.46)

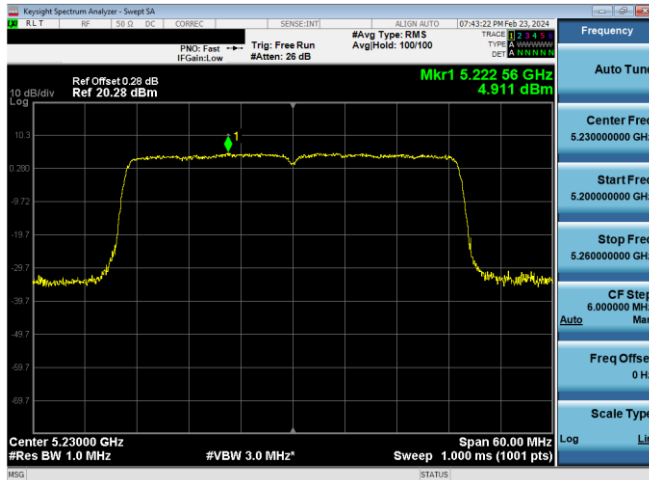
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 173 of 455 |



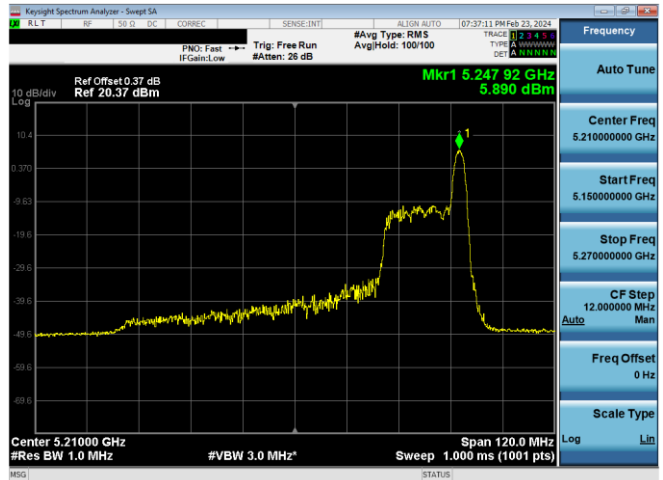
Plot 7-373. ISED PSD Antenna WF7 (40MHz BW 11ax Index 17 - RU26 - Ch.46)



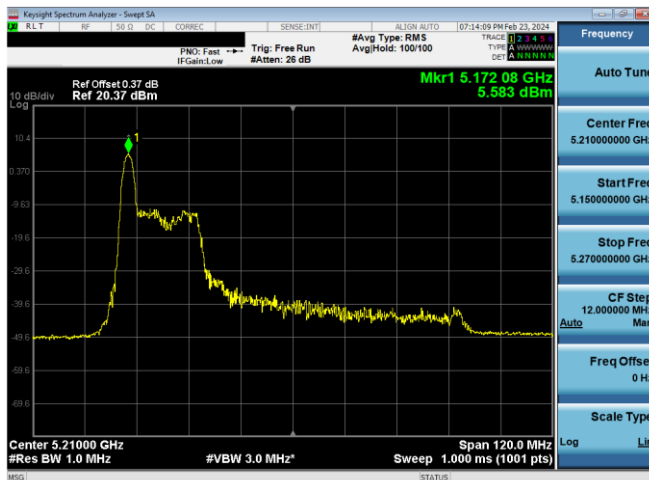
Plot 7-376. ISED PSD Antenna WF7 (80MHz BW 11ax Index 18 - RU26 - Ch.42)



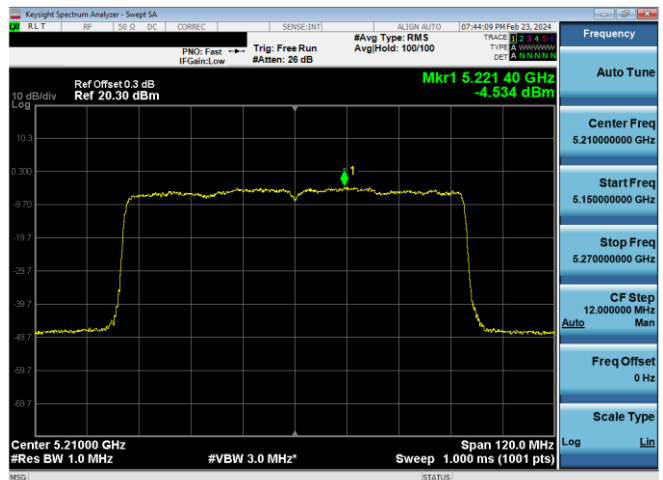
Plot 7-374. ISED PSD Antenna WF7 (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-377. ISED PSD Antenna WF7 (80MHz BW 11ax Index 36 - RU26 - Ch.42)

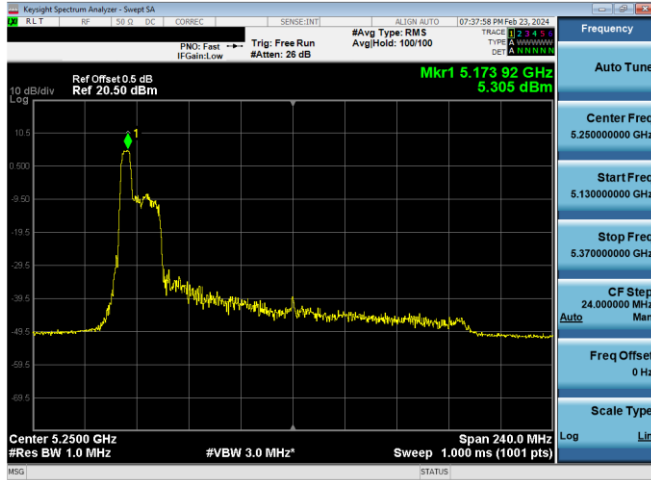


Plot 7-375. ISED PSD Antenna WF7 (80MHz BW 11ax Index 0 - RU26 - Ch.42)

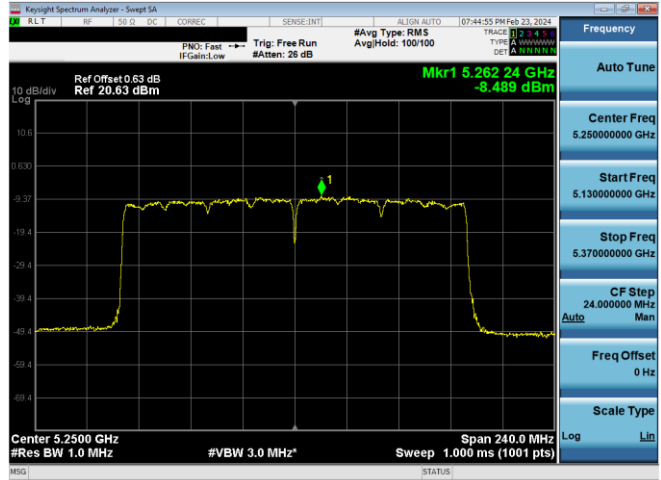


Plot 7-378. ISED PSD Antenna WF7 (80MHz BW 11ax - RU996 - Ch.42)

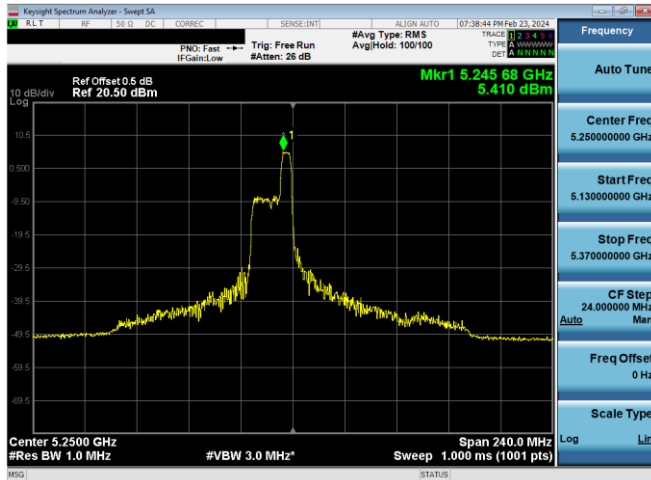
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 174 of 455 |



Plot 7-379. ISED PSD Antenna WF7 (160MHz BW 11ax Index 37 – RU52 – Ch.50 (L))



Plot 7-381. ISED PSD Antenna WF7 (160MHz BW 11ax – RU996x2 – Ch.50)



Plot 7-380. ISED PSD Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.50 (L))

| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 175 of 455 |

Summed CDD/SDM Primary Power Spectral Density Measurements

| | Frequency [MHz] | Channel No. | 802.11 MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF5B Power Density [dBm/MHz] | Antenna WF8 Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|------|---------|----------|------------------|--------------------------------------|-------------------------------------|--------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 5.55 | 5.63 | 8.60 | 11.0 | -5.37 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 4.15 | 4.28 | 7.22 | 11.0 | -6.72 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 4.78 | 5.35 | 8.09 | 11.0 | -5.65 |
| | 5200 | 40 | ax (20MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 4.99 | 5.29 | 8.15 | 11.0 | -5.71 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 4.54 | 4.46 | 7.51 | 11.0 | -6.54 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 5.44 | 5.15 | 8.31 | 11.0 | -5.85 |
| | 5240 | 48 | ax (20MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 5.98 | 6.32 | 9.16 | 11.0 | -4.68 |
| | | | | | 26 | 4 | 25/29.4 (MCS11) | 4.98 | 4.51 | 7.76 | 11.0 | -6.49 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 5.54 | 5.48 | 8.52 | 11.0 | -5.52 |
| | 5190 | 38 | ax (40MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 5.16 | 4.80 | 7.99 | 11.0 | -6.20 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 5.38 | 5.14 | 8.27 | 11.0 | -5.86 |
| | | | | | 26 | 17 | 25/29.4 (MCS11) | 5.27 | 4.82 | 8.06 | 11.0 | -6.18 |
| | 5230 | 46 | ax (40MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 5.33 | 5.80 | 8.59 | 11.0 | -5.20 |
| | | | | | 26 | 8 | 25/29.4 (MCS11) | 6.06 | 5.57 | 8.83 | 11.0 | -5.43 |
| | | | | | 26 | 17 | 25/29.4 (MCS11) | 5.59 | 5.63 | 8.62 | 11.0 | -5.38 |
| | 5210 | 42 | ax (80MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 5.51 | 4.95 | 8.25 | 11.0 | -6.05 |
| | | | | | 26 | 18 | 25/29.4 (MCS11) | 4.18 | 3.70 | 6.96 | 11.0 | -7.30 |
| | | | | | 26 | 36 | 25/29.4 (MCS11) | 5.21 | 4.74 | 7.99 | 11.0 | -6.26 |

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

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 176 of 455 |

| | Frequency [MHz] | Channel No. | 802.11 MODE | | RU Size | RU Index | Data Rate [Mbps] | Antenna WF8 Power Density [dBm/MHz] | Antenna WF8 Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] | |
|-----------|-----------------|-------------|-------------|------------|---------|-----------------|------------------|-------------------------------------|-------------------------------------|--------------------------------|-----------------------------|-------------|-------|
| Band 1/2A | 5250 | 50 (L) | ax (160MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 3.75 | 4.60 | 7.20 | 11.0 | -6.40 | |
| | | 50 (U) | | | 52 | 52 | 50/58.8 (MCS11) | 4.18 | 3.95 | 7.07 | 11.0 | -7.05 | |
| | | | | | 52 | 52 | 50/58.8 (MCS11) | 4.05 | 3.88 | 6.98 | 11.0 | -7.12 | |
| Band 2A | 5260 | 52 | ax (20MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.86 | 5.79 | 8.83 | 11.0 | -5.22 | |
| | | | | | 52 | 38 | 50/58.8 (MCS11) | 5.67 | 5.78 | 8.73 | 11.0 | -5.22 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.92 | 5.67 | 8.80 | 11.0 | -5.33 | |
| | 5300 | 60 | ax (20MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 6.17 | 5.86 | 9.03 | 11.0 | -5.14 | |
| | | | | | 52 | 38 | 50/58.8 (MCS11) | 6.05 | 5.94 | 9.00 | 11.0 | -5.06 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.93 | 5.43 | 8.70 | 11.0 | -5.57 | |
| | 5320 | 64 | ax (20MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.89 | 5.70 | 8.80 | 11.0 | -5.30 | |
| | | | | | 52 | 38 | 50/58.8 (MCS11) | 6.05 | 5.75 | 8.91 | 11.0 | -5.26 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.74 | 5.34 | 8.55 | 11.0 | -5.66 | |
| | 5270 | 54 | ax (40MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.60 | 5.20 | 8.42 | 11.0 | -5.80 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.88 | 5.35 | 8.64 | 11.0 | -5.65 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 5.75 | 5.65 | 8.71 | 11.0 | -5.35 | |
| | 5310 | 62 | ax (40MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.75 | 5.39 | 8.58 | 11.0 | -5.61 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.78 | 5.34 | 8.57 | 11.0 | -5.66 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 5.27 | 5.50 | 8.40 | 11.0 | -5.50 | |
| | 5290 | 58 | ax (80MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.70 | 5.77 | 8.75 | 11.0 | -5.23 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 5.79 | 5.50 | 8.66 | 11.0 | -5.50 | |
| | | | | | 52 | 52 | 50/58.8 (MCS11) | 5.48 | 5.39 | 8.44 | 11.0 | -5.61 | |
| | Band 2C | 5500 | 100 | ax (20MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.58 | 6.02 | 8.82 | 11.0 | -4.98 |
| | | | | | | 52 | 38 | 50/58.8 (MCS11) | 5.99 | 5.76 | 8.89 | 11.0 | -5.24 |
| | | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.77 | 5.80 | 8.79 | 11.0 | -5.20 |
| | | 5580 | 116 | ax (20MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 6.10 | 5.80 | 8.96 | 11.0 | -5.20 |
| | | | | | | 52 | 38 | 50/58.8 (MCS11) | 5.80 | 5.99 | 8.91 | 11.0 | -5.01 |
| | | | | | | 52 | 40 | 50/58.8 (MCS11) | 6.20 | 6.04 | 9.13 | 11.0 | -4.96 |
| 5720 | | 144 | ax (20MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.94 | 5.84 | 8.90 | 11.0 | -5.16 | |
| | | | | | 52 | 38 | 50/58.8 (MCS11) | 6.12 | 5.19 | 8.69 | 11.0 | -5.82 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 6.02 | 5.31 | 8.69 | 11.0 | -5.69 | |
| 5510 | | 102 | ax (40MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.46 | 5.32 | 8.40 | 11.0 | -5.68 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 6.30 | 5.33 | 8.85 | 11.0 | -5.67 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 5.85 | 5.49 | 8.69 | 11.0 | -5.51 | |
| 5550 | | 110 | ax (40MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.80 | 5.53 | 8.68 | 11.0 | -5.47 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.95 | 5.42 | 8.70 | 11.0 | -5.58 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 5.99 | 5.55 | 8.79 | 11.0 | -5.45 | |
| 5710 | | 142 | ax (40MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 6.04 | 5.29 | 8.69 | 11.0 | -5.71 | |
| | | | | | 52 | 40 | 50/58.8 (MCS11) | 5.82 | 5.59 | 8.72 | 11.0 | -5.41 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 6.00 | 5.26 | 8.65 | 11.0 | -5.74 | |
| 5530 | | 106 | ax (80MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.58 | 4.79 | 8.21 | 11.0 | -6.22 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 5.33 | 4.97 | 8.16 | 11.0 | -6.03 | |
| | | | | | 52 | 52 | 50/58.8 (MCS11) | 5.41 | 5.44 | 8.44 | 11.0 | -5.56 | |
| 5610* | | 122 | ax (80MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.59 | 5.43 | 8.52 | 11.0 | -5.57 | |
| | | | | | 52 | 44 | 50/58.8 (MCS11) | 5.94 | 5.15 | 8.58 | 11.0 | -5.85 | |
| | | | | | 52 | 52 | 50/58.8 (MCS11) | 5.76 | 5.66 | 8.72 | 11.0 | -5.35 | |
| 5690 | 138 | ax (80MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 5.85 | 5.42 | 8.65 | 11.0 | -5.59 | | |
| | | | | 52 | 44 | 50/58.8 (MCS11) | 5.63 | 4.89 | 8.28 | 11.0 | -6.11 | | |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 5.61 | 5.56 | 8.59 | 11.0 | -5.44 | | |
| 5570* | 114 (L) | ax (160MHz) | CDD | 52 | 37 | 50/58.8 (MCS11) | 2.57 | 2.27 | 5.43 | 11.0 | -8.73 | | |
| | 114 (U) | | | 52 | 52 | 50/58.8 (MCS11) | 2.27 | 2.15 | 5.22 | 11.0 | -8.85 | | |
| | | | | 52 | 52 | 50/58.8 (MCS11) | 2.72 | 2.56 | 5.65 | 11.0 | -8.44 | | |

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

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

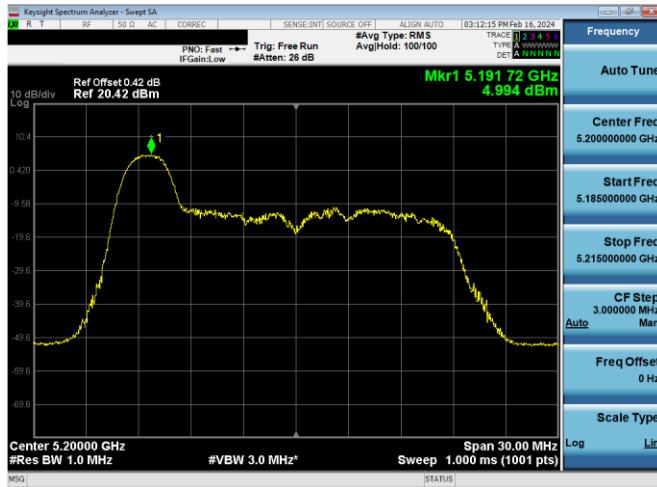
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 177 of 455 |

| | Frequency [MHz] | Channel | 802.11 MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WFSB Power Density [dBm/MHz] | Antenna WFB Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|---------|-------------|------|---------|----------|---------------------|--------------------------------------|-------------------------------------|--------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 2.89 | 2.50 | 5.71 | 11.0 | -8.50 |
| | 5200 | 40 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 4.76 | 4.64 | 7.71 | 11.0 | -6.36 |
| | 5240 | 48 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.41 | 4.92 | 8.18 | 11.0 | -6.08 |
| | 5190 | 38 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | -1.96 | -2.36 | 0.85 | 11.0 | -13.36 |
| | 5230 | 46 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | 3.87 | 3.74 | 6.82 | 11.0 | -7.26 |
| | 5210 | 42 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -5.92 | -6.05 | -2.97 | 11.0 | -17.05 |
| Band 1/2A | 5250 | 50 | ax (160MHz) | CDD | 996x2 | 68 | 2041.6/2402 (MCS11) | -9.99 | -10.39 | -7.17 | 11.0 | -21.39 |
| Band 2A | 5260 | 52 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.13 | 4.52 | 7.84 | 11.0 | -6.48 |
| | 5300 | 60 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.11 | 4.29 | 7.73 | 11.0 | -6.72 |
| | 5320 | 64 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 3.66 | 2.37 | 6.07 | 11.0 | -8.63 |
| | 5270 | 54 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | 4.10 | 4.04 | 7.08 | 11.0 | -6.96 |
| | 5310 | 62 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | -1.81 | -2.15 | 1.03 | 11.0 | -13.15 |
| | 5290 | 58 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -4.56 | -5.34 | -1.92 | 11.0 | -16.34 |
| | 5500 | 100 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 2.57 | 2.28 | 5.44 | 11.0 | -8.72 |
| Band 2C | 5580 | 116 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.32 | 4.63 | 8.00 | 11.0 | -6.37 |
| | 5720 | 144 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.27 | 4.45 | 7.89 | 11.0 | -6.56 |
| | 5510 | 102 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | -2.63 | -3.23 | 0.09 | 11.0 | -14.23 |
| | 5550 | 110 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | 2.45 | 1.60 | 5.06 | 11.0 | -9.40 |
| | 5710 | 142 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | 4.61 | 4.34 | 7.49 | 11.0 | -6.66 |
| | 5530 | 106 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -6.51 | -6.56 | -3.53 | 11.0 | -17.56 |
| | 5610* | 122 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -1.48 | -1.84 | 1.36 | 11.0 | -12.84 |
| | 5690 | 138 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | 2.07 | 2.13 | 5.11 | 11.0 | -8.87 |
| | 5570* | 114 | ax (160MHz) | CDD | 996x2 | 68 | 2041.6/2402 (MCS11) | -11.75 | -11.21 | -8.46 | 11.0 | -22.21 |

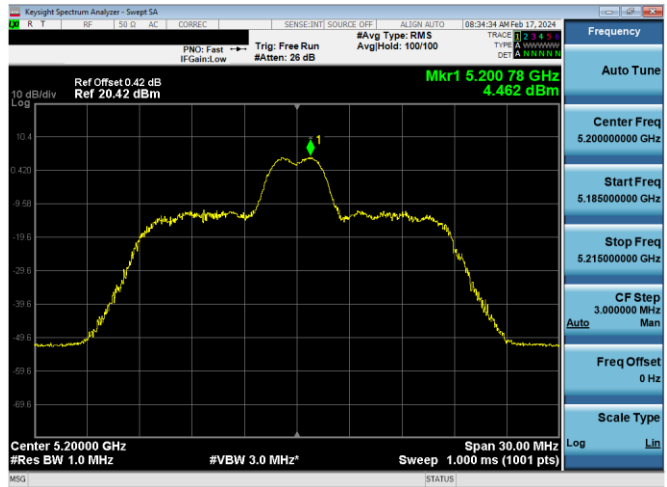
Table 7-190. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Primary (Fully-loaded RU)

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

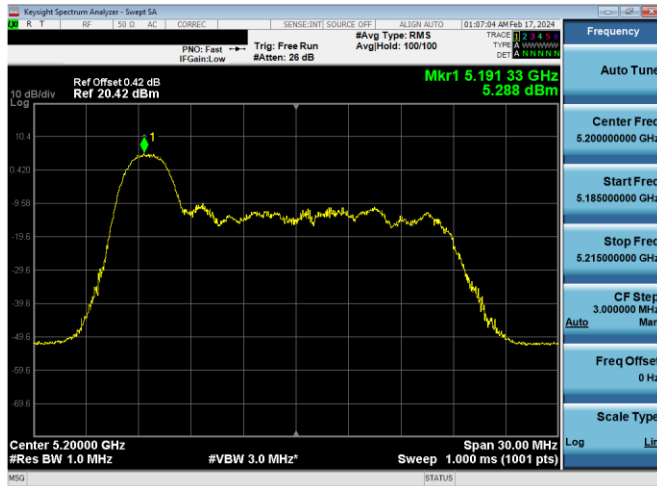
| | | | |
|--|---|---|--|
| FCC ID: BCGA2836 IC: 579C-A2836 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 178 of 455 |



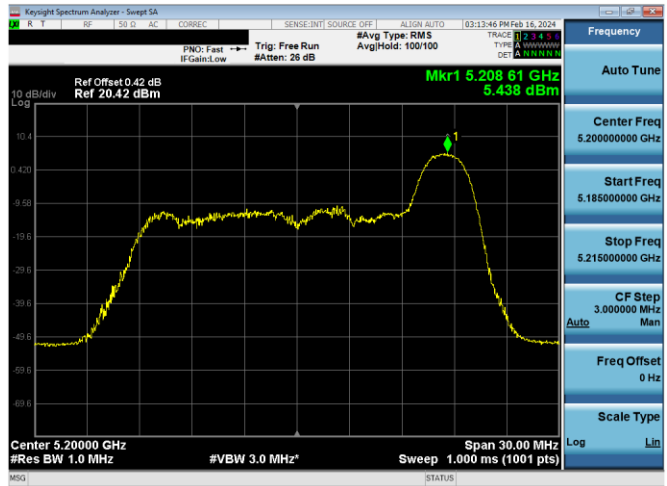
Plot 7-382. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 0 - RU26 - Ch.40)



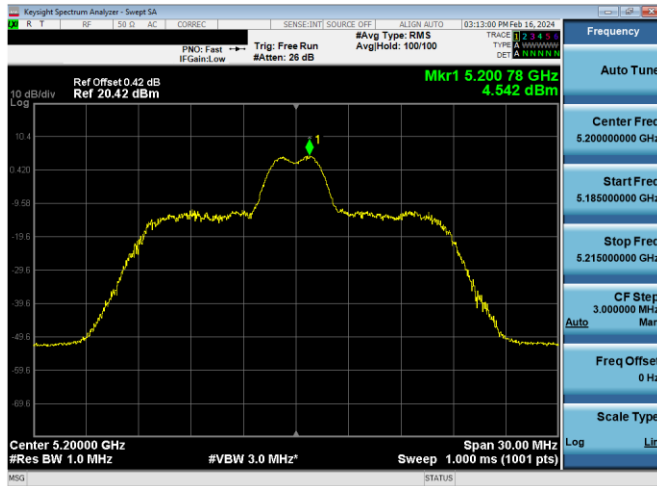
Plot 7-385. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 4 - RU26 - Ch.40)



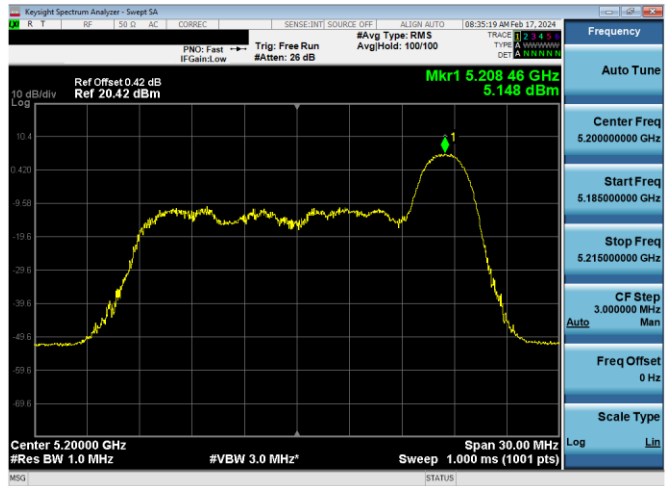
Plot 7-383. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 0 - RU26 - Ch.40)



Plot 7-386. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 8- RU26 - Ch.40)

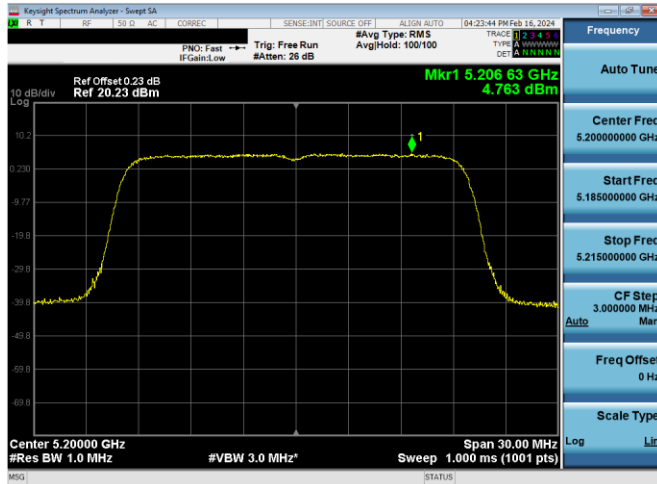


Plot 7-384. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 4 - RU26 - Ch.40)

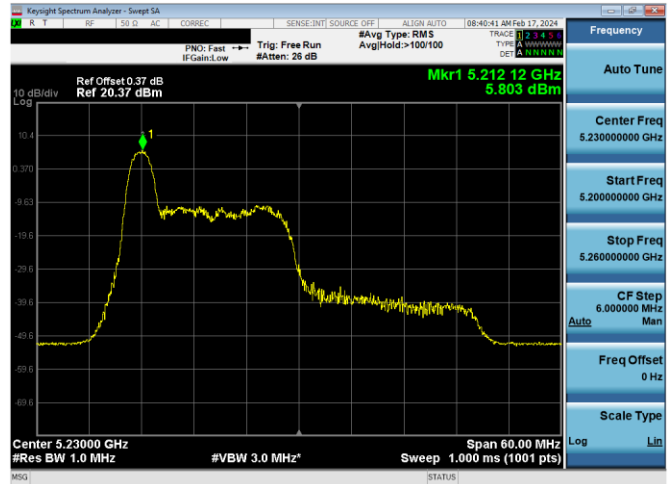


Plot 7-387. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 8- RU26 - Ch.40)

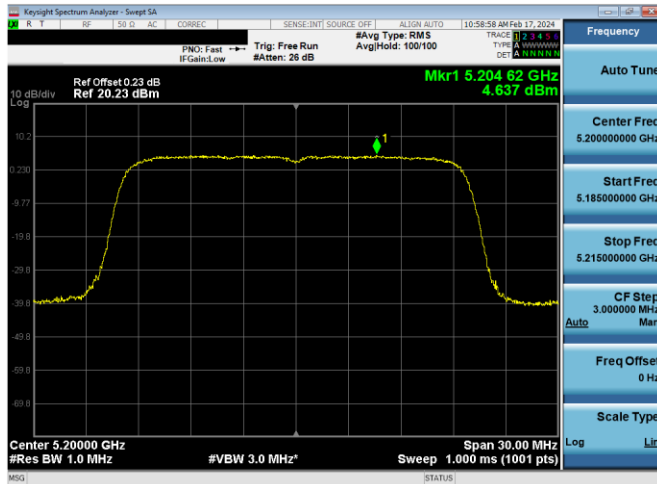
| | | | |
|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 179 of 455 |



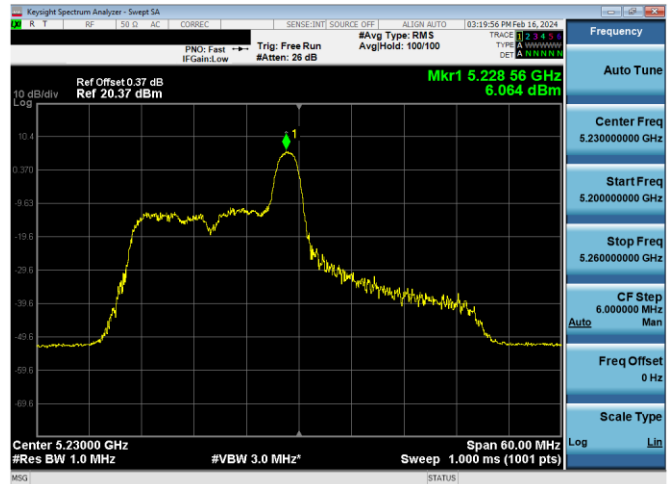
Plot 7-388. PSD CDD Primary Antenna WF5B (20MHz BW 11ax-RU242 - Ch.40)



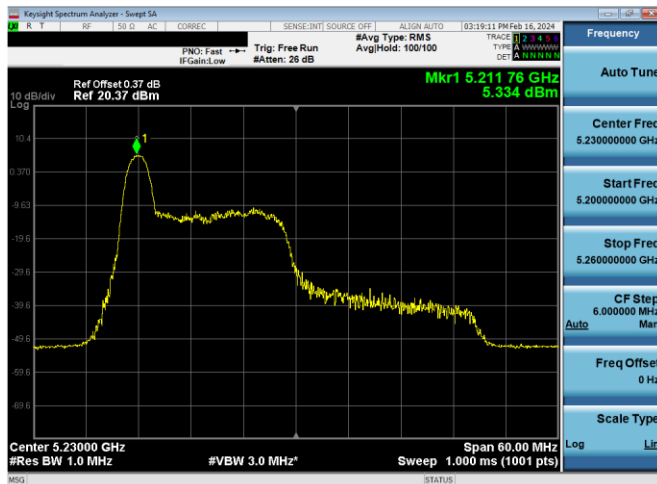
Plot 7-391. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 0 - RU26 - Ch.46)



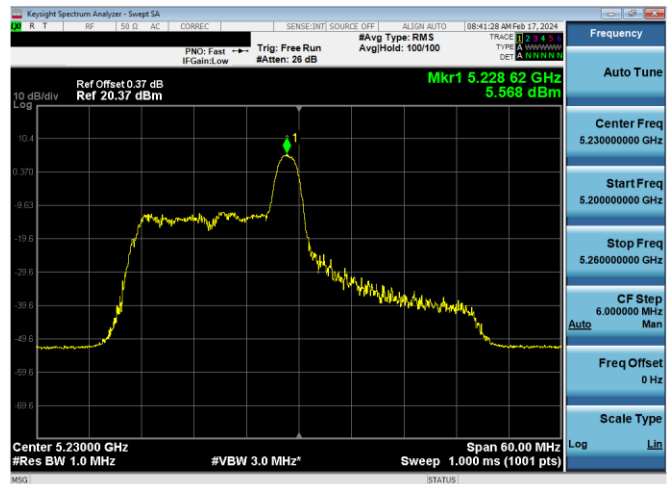
Plot 7-389. PSD CDD Primary Antenna WF8 (20MHz BW 11ax-RU242 - Ch.40)



Plot 7-392. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 8 - RU26 - Ch.46)



Plot 7-390. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 0 - RU26 - Ch.46)



Plot 7-393. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 8 - RU26 - Ch.46)

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|---|-------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2836 IC: 579C-A2836 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024 - 3/18/2024 | EUT Type: Tablet Device | Page 180 of 455 |