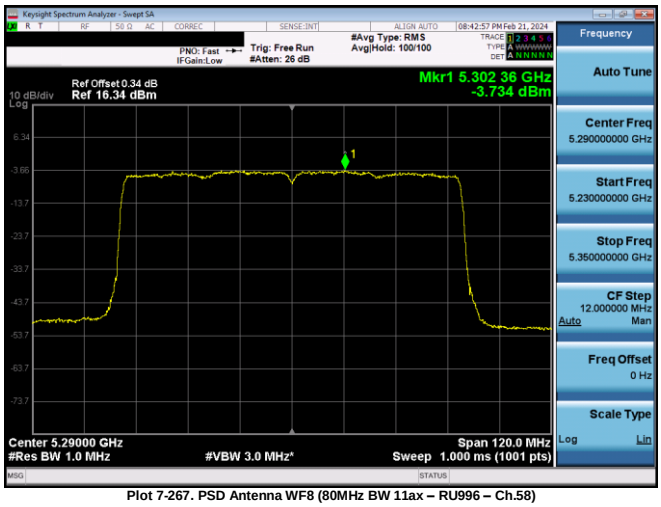
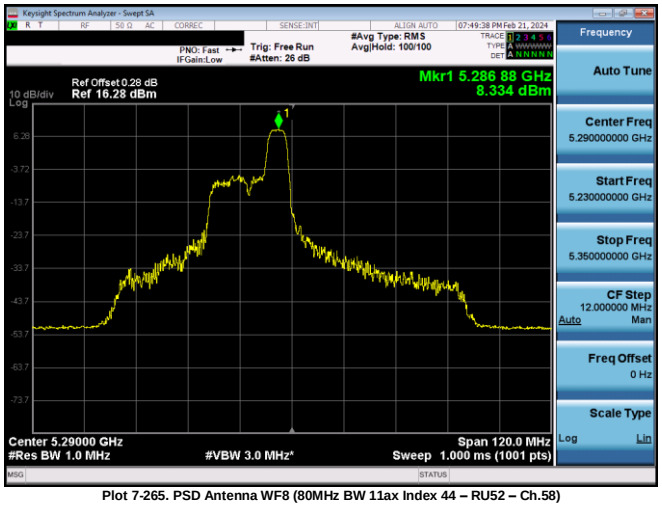
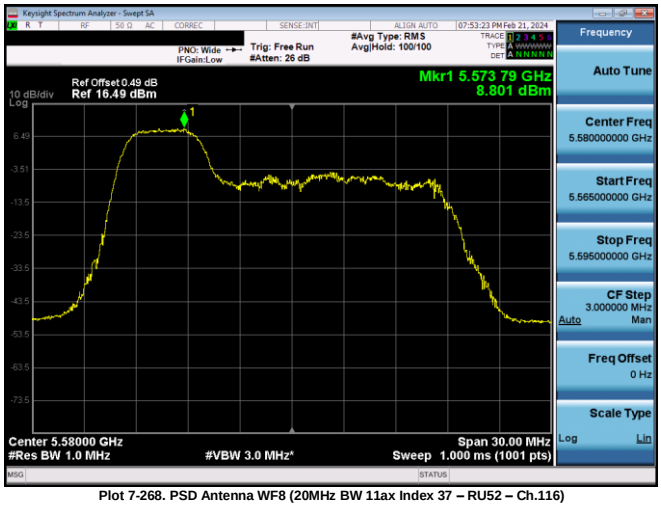

Plot 7-264. PSD Antenna WF8 (80MHz BW 11ax Index 37 – RU52 – Ch.58)



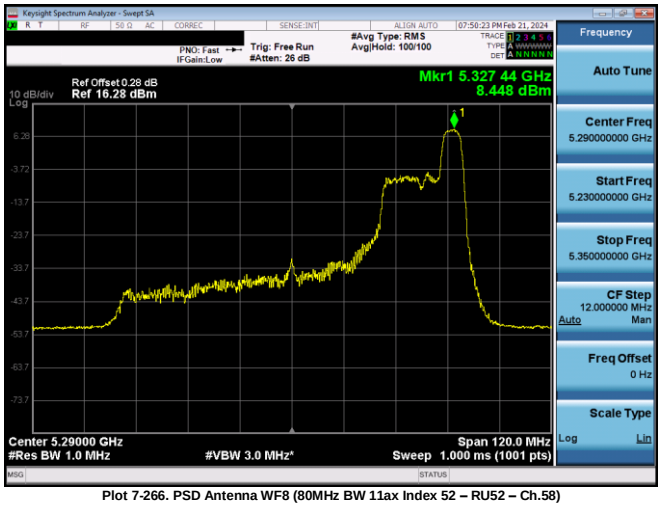

Plot 7-267. PSD Antenna WF8 (80MHz BW 11ax – RU996 – Ch.58)



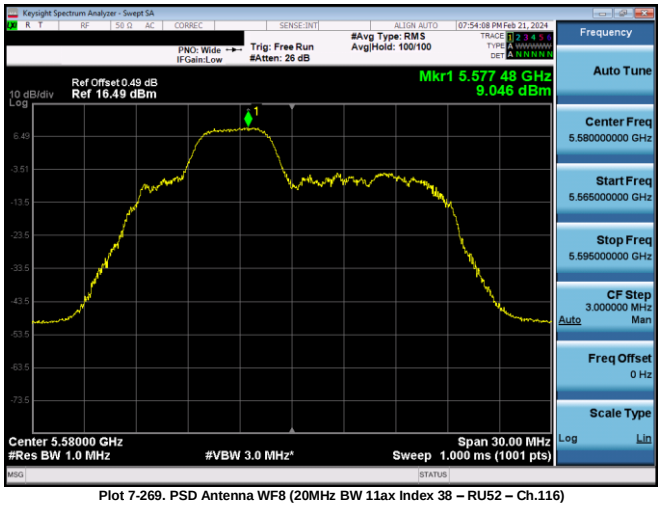

Plot 7-265. PSD Antenna WF8 (80MHz BW 11ax Index 44 – RU52 – Ch.58)



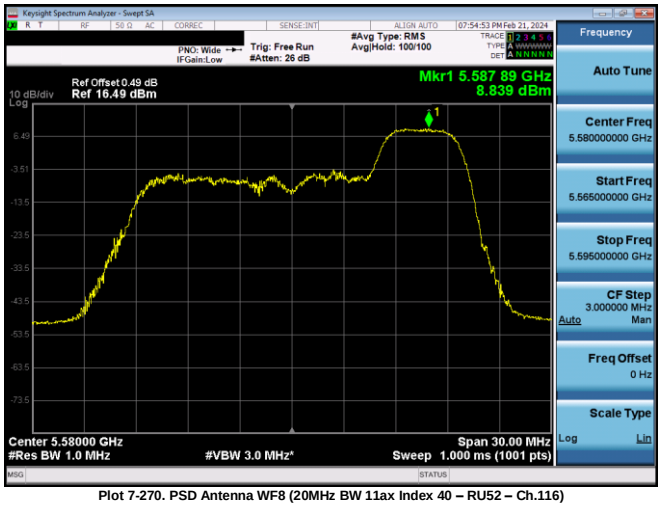

Plot 7-268. PSD Antenna WF8 (20MHz BW 11ax Index 37 – RU52 – Ch.116)



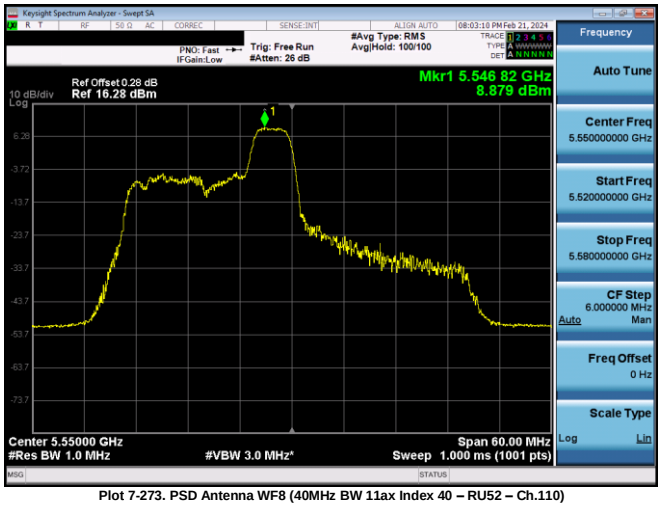

Plot 7-266. PSD Antenna WF8 (80MHz BW 11ax Index 52 – RU52 – Ch.58)



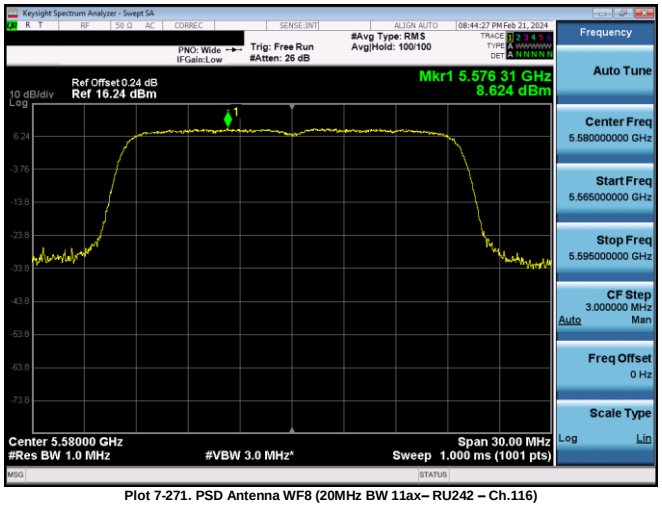

Plot 7-269. PSD Antenna WF8 (20MHz BW 11ax Index 38 – RU52 – Ch.116)



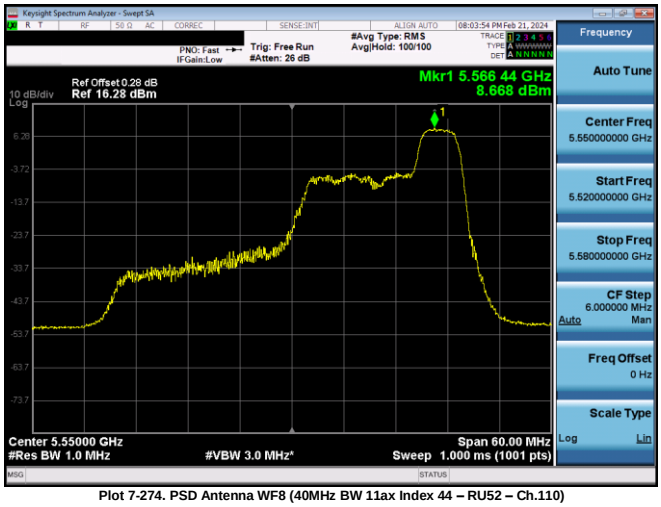

Plot 7-270. PSD Antenna WF8 (20MHz BW 11ax Index 40 – RU52 – Ch.116)



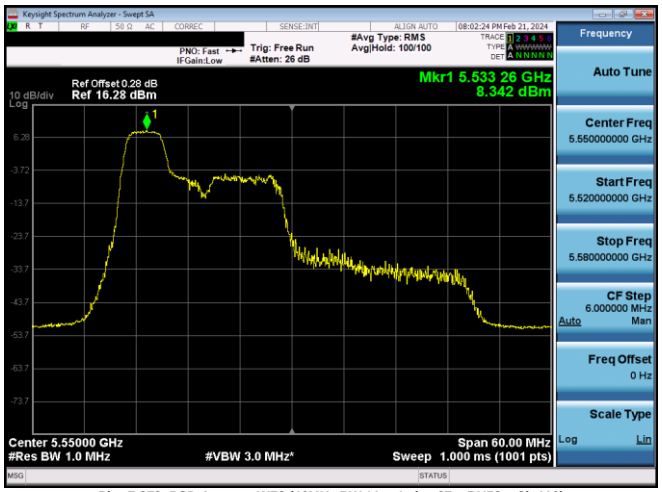

Plot 7-273. PSD Antenna WF8 (40MHz BW 11ax Index 40 – RU52 – Ch.110)



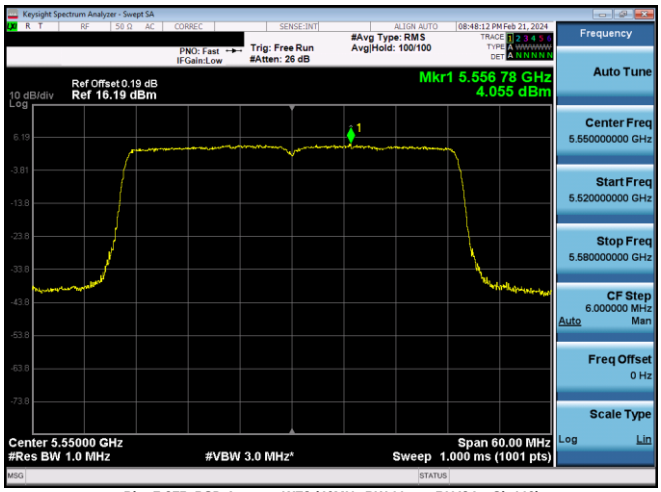

Plot 7-271. PSD Antenna WF8 (20MHz BW 11ax– RU242 – Ch.116)



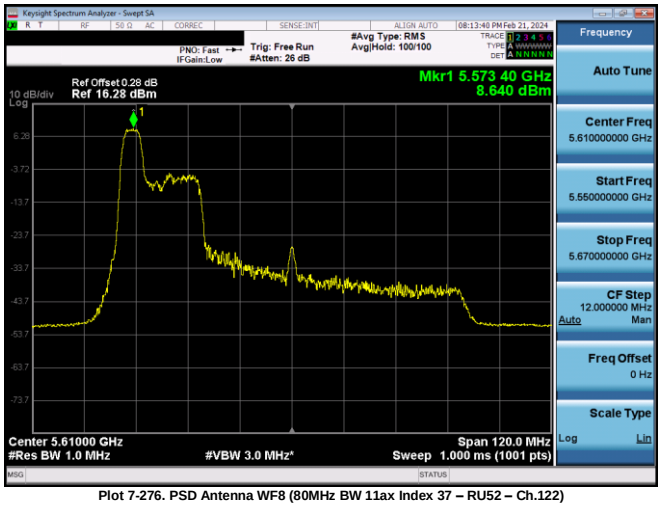

Plot 7-274. PSD Antenna WF8 (40MHz BW 11ax Index 44 – RU52 – Ch.110)



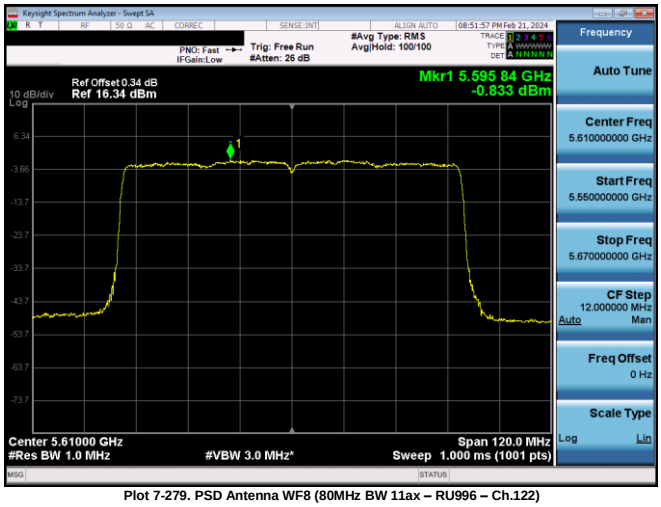

Plot 7-272. PSD Antenna WF8 (40MHz BW 11ax Index 37 – RU52 – Ch.110)



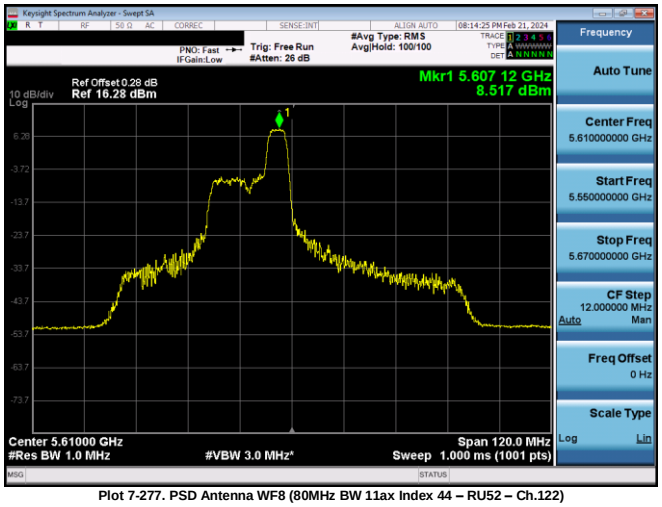

Plot 7-275. PSD Antenna WF8 (40MHz BW 11ax – RU484 – Ch.110)



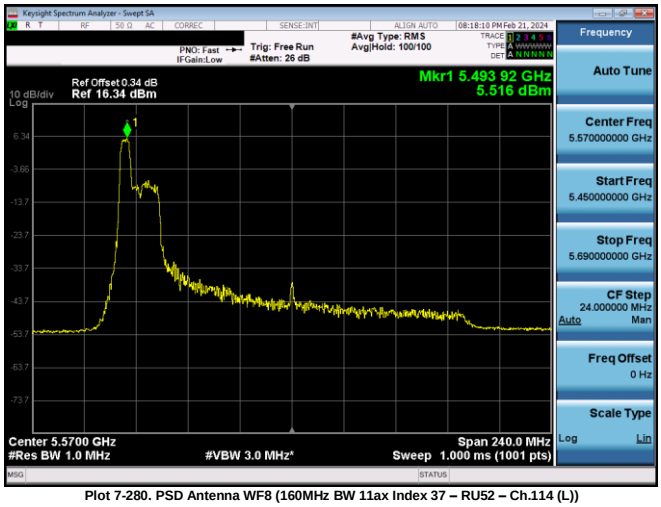

Plot 7-276. PSD Antenna WF8 (80MHz BW 11ax Index 37 – RU52 – Ch.122)



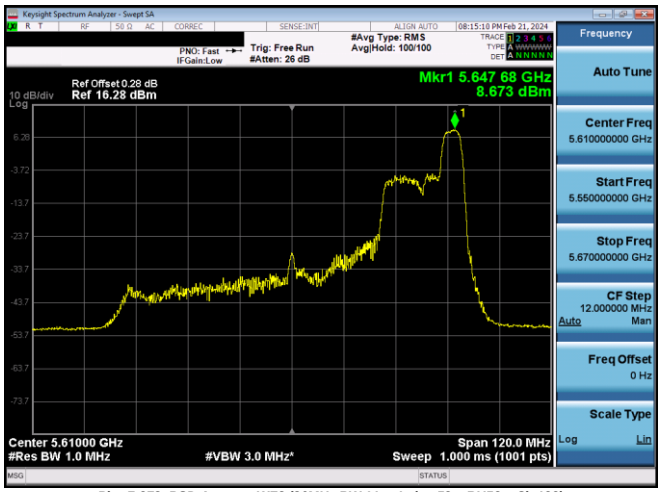

Plot 7-279. PSD Antenna WF8 (80MHz BW 11ax – RU996 – Ch.122)



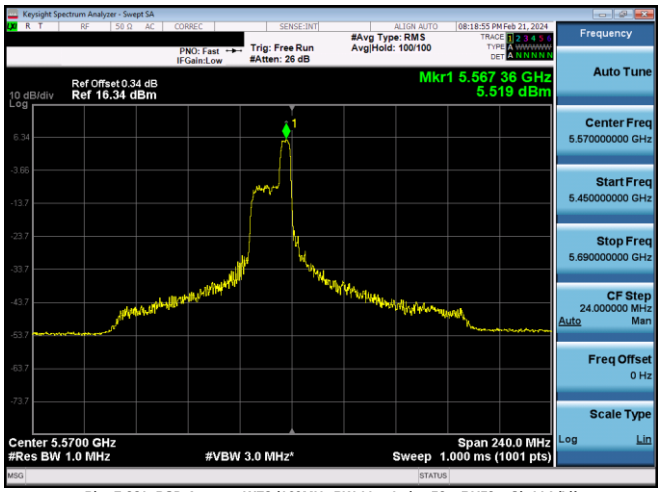

Plot 7-277. PSD Antenna WF8 (80MHz BW 11ax Index 44 – RU52 – Ch.122)



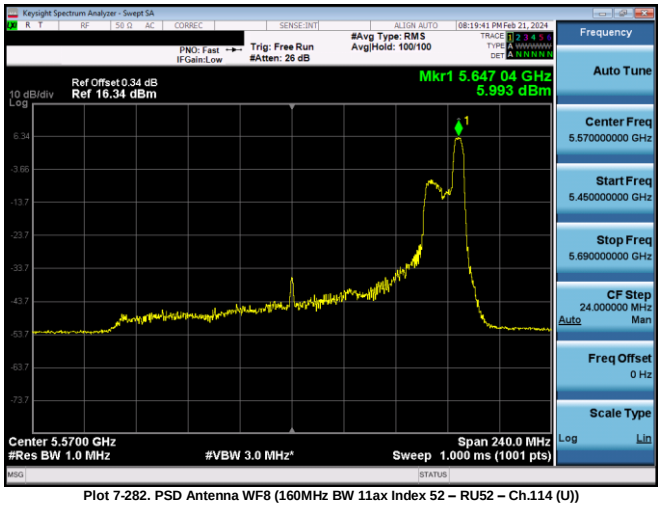

Plot 7-280. PSD Antenna WF8 (160MHz BW 11ax Index 37 – RU52 – Ch.114 (L))



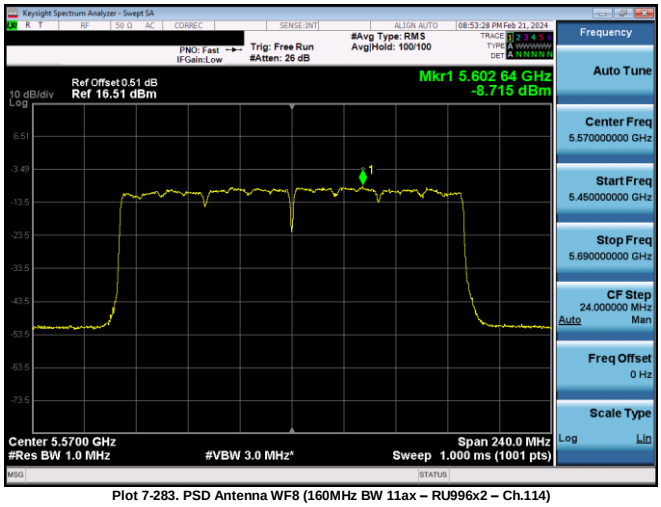

Plot 7-278. PSD Antenna WF8 (80MHz BW 11ax Index 52 – RU52 – Ch.122)




Plot 7-281. PSD Antenna WF8 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (L))




**Plot 7-282. PSD Antenna WF8 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))**



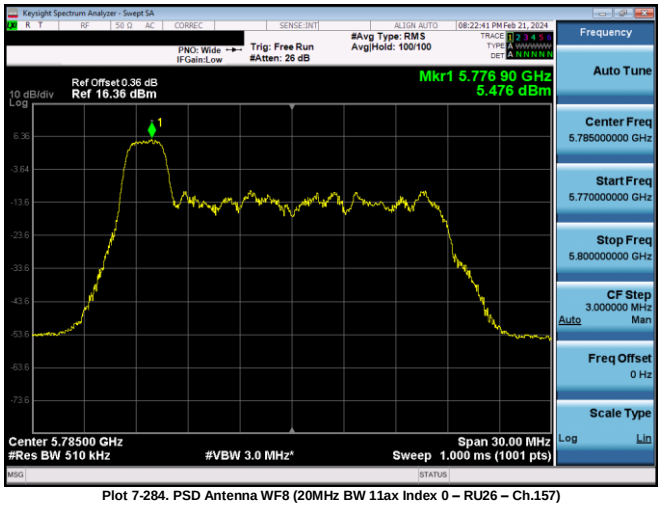

**Plot 7-283. PSD Antenna WF8 (160MHz BW 11ax – RU996x2 – Ch.114)**

| | 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) | 5.45 | 30.0 | -24.55 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 5.61 | 30.0 | -24.39 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.51 | 30.0 | -24.49 |
| | 5785 | 157 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.48 | 30.0 | -24.52 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 5.94 | 30.0 | -24.07 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.89 | 30.0 | -24.11 |
| | 5825 | 165 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.72 | 30.0 | -24.28 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 5.77 | 30.0 | -24.23 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.61 | 30.0 | -24.39 |
| | 5755 | 151 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 4.97 | 30.0 | -25.03 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 6.36 | 30.0 | -23.64 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 5.66 | 30.0 | -24.34 |
| | 5795 | 159 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 4.46 | 30.0 | -25.54 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.90 | 30.0 | -24.10 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 5.19 | 30.0 | -24.81 |
| | 5775 | 155 | ax (80MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 4.93 | 30.0 | -25.07 |
| | | | | 26 | 18 | 12.5/14.7 (MCS11) | 5.08 | 30.0 | -24.92 |
| | | | | 26 | 36 | 12.5/14.7 (MCS11) | 5.69 | 30.0 | -24.31 |

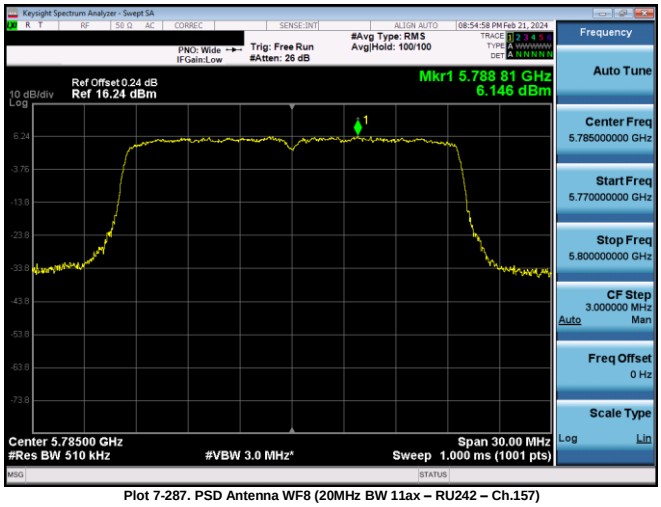
**Table 7-177. Band 3 Power Spectral Density Measurements Antenna WF8 (RU26)**

| | 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) | 6.26 | 30.0 | -23.74 |
| | 5785 | 157 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 6.15 | 30.0 | -23.85 |
| | 5825 | 165 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 6.06 | 30.0 | -23.94 |
| | 5755 | 151 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 3.21 | 30.0 | -26.79 |
| | 5795 | 159 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 3.41 | 30.0 | -26.59 |
| | 5775 | 155 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -2.32 | 30.0 | -32.32 |

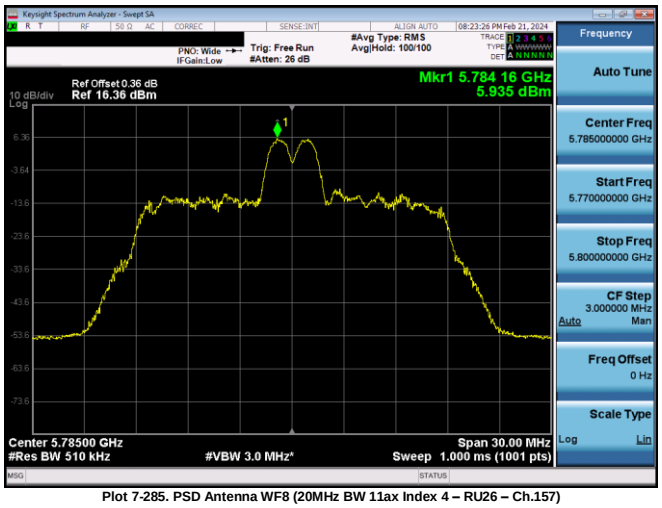
**Table 7-178. Band 3 Power Spectral Density Measurements Antenna WF8 (Fully-loaded RU)**




Plot 7-284. PSD Antenna WF8 (20MHz BW 11ax Index 0 – RU26 – Ch.157)

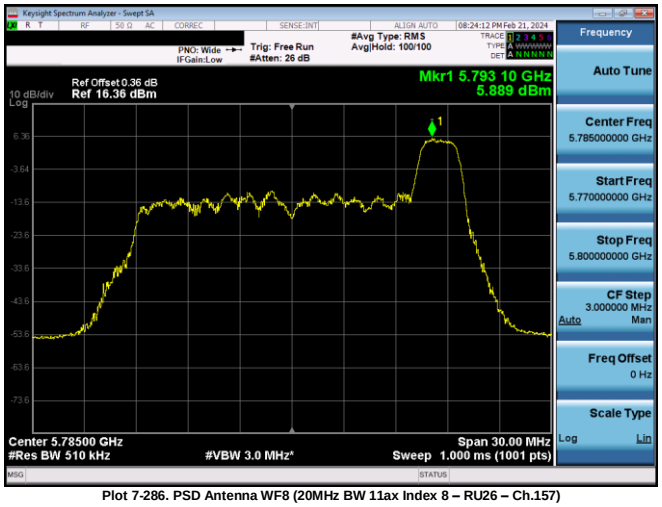



Plot 7-287. PSD Antenna WF8 (20MHz BW 11ax – RU242 – Ch.157)

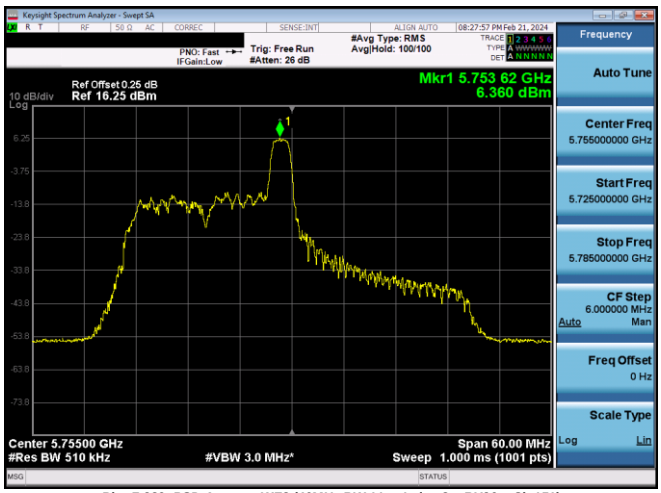



Plot 7-285. PSD Antenna WF8 (20MHz BW 11ax Index 4 – RU26 – Ch.157)

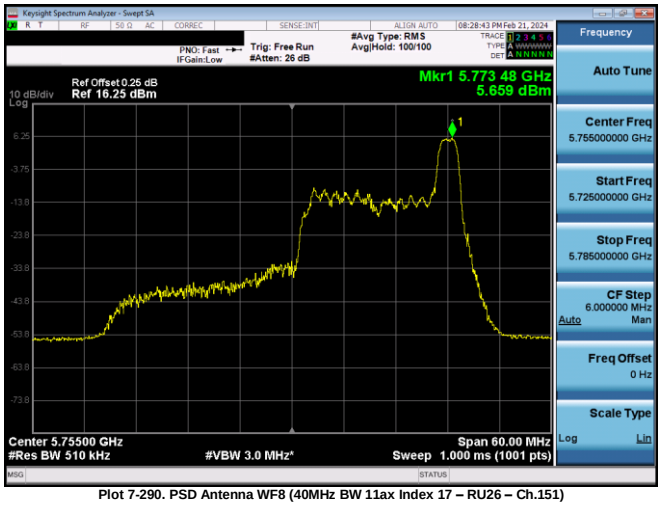

Plot 7-288. PSD Antenna WF8 (40MHz BW 11ax Index 0 – RU26 – Ch.151)




Plot 7-286. PSD Antenna WF8 (20MHz BW 11ax Index 8 – RU26 – Ch.157)

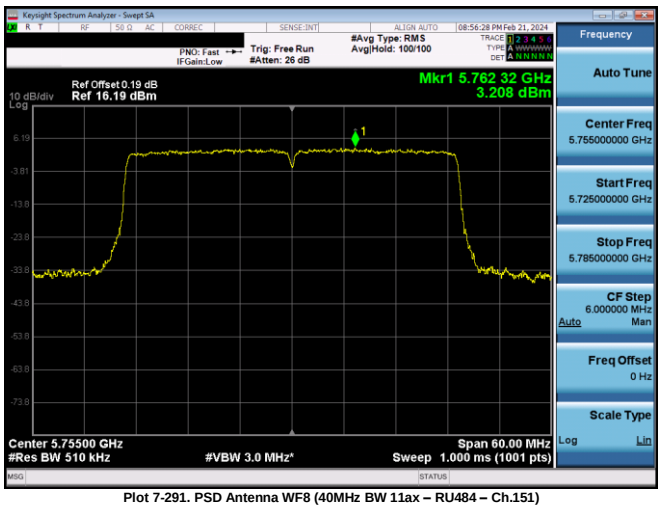



Plot 7-289. PSD Antenna WF8 (40MHz BW 11ax Index 8 – RU26 – Ch.151)

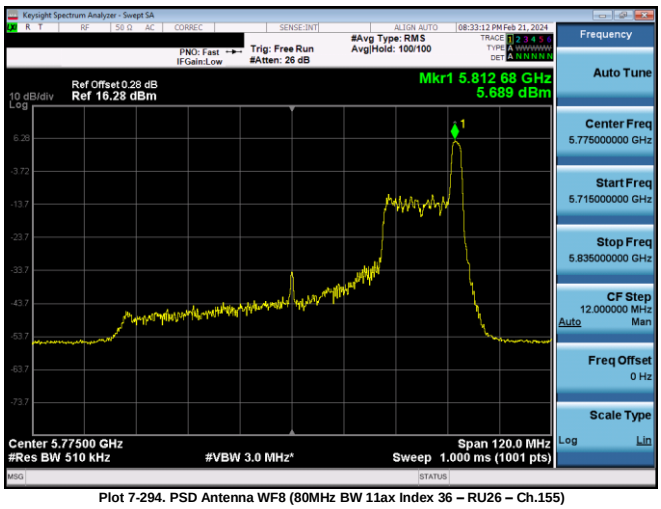



Plot 7-290. PSD Antenna WF8 (40MHz BW 11ax Index 17 – RU26 – Ch.151)

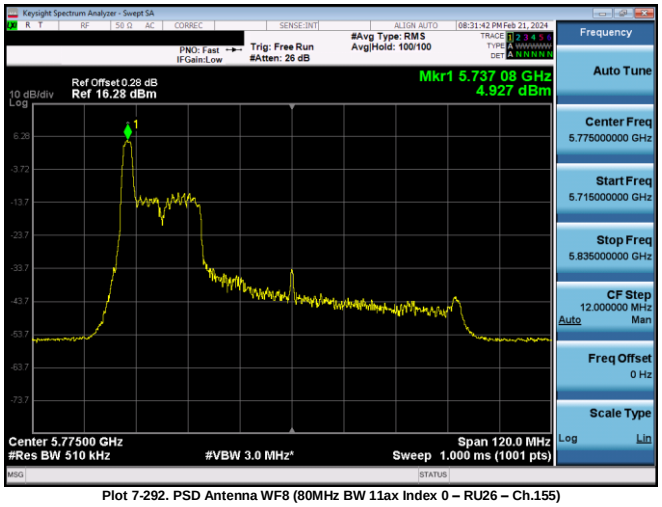

Plot 7-293. PSD Antenna WF8 (80MHz BW 11ax Index 18 – RU26 – Ch.155)



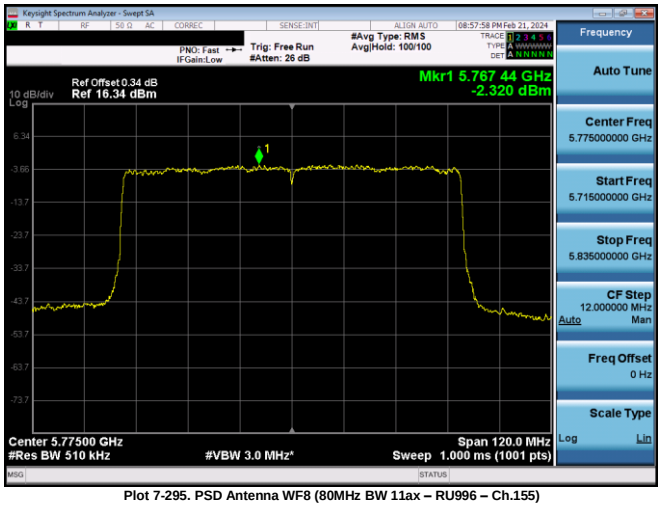

Plot 7-291. PSD Antenna WF8 (40MHz BW 11ax – RU484 – Ch.151)




Plot 7-294. PSD Antenna WF8 (80MHz BW 11ax Index 36 – RU26 – Ch.155)




Plot 7-292. PSD Antenna WF8 (80MHz BW 11ax Index 0 – RU26 – Ch.155)



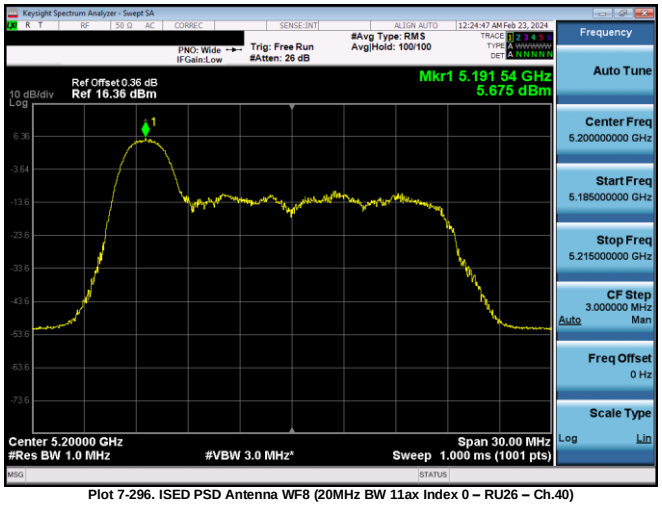

Plot 7-295. PSD Antenna WF8 (80MHz BW 11ax – RU996 – Ch.155)

| | 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) | 5.39 | 2.30 | 7.69 | 10.0 | -2.31 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.41 | 2.30 | 6.71 | 10.0 | -3.29 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.03 | 2.30 | 7.33 | 10.0 | -2.67 |
| | 5200 | 40 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.68 | 2.30 | 7.98 | 10.0 | -2.03 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.19 | 2.30 | 6.49 | 10.0 | -3.51 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.39 | 2.30 | 7.69 | 10.0 | -2.31 |
| | 5240 | 48 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.66 | 2.30 | 7.96 | 10.0 | -2.04 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 4.57 | 2.30 | 6.87 | 10.0 | -3.13 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.46 | 2.30 | 7.76 | 10.0 | -2.24 |
| | 5190 | 38 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.70 | 2.30 | 8.00 | 10.0 | -2.00 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.65 | 2.30 | 7.95 | 10.0 | -2.05 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 5.26 | 2.30 | 7.56 | 10.0 | -2.44 |
| | 5230 | 46 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.42 | 2.30 | 7.72 | 10.0 | -2.29 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 5.05 | 2.30 | 7.35 | 10.0 | -2.65 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 5.66 | 2.30 | 7.96 | 10.0 | -2.04 |
| | 5210 | 42 | ax (80MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 5.70 | 2.30 | 8.00 | 10.0 | -2.00 |
| | | | | 26 | 18 | 12.5/14.7 (MCS11) | 4.58 | 2.30 | 6.88 | 10.0 | -3.12 |
| | | | | 26 | 36 | 12.5/14.7 (MCS11) | 4.81 | 2.30 | 7.11 | 10.0 | -2.90 |
| | 5250 | 50 (L) | ax (160MHz) | 52 | 37 | 25/29.4 (MCS11) | 6.03 | 2.30 | 8.33 | 10.0 | -1.67 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 5.65 | 2.30 | 7.95 | 10.0 | -2.05 |

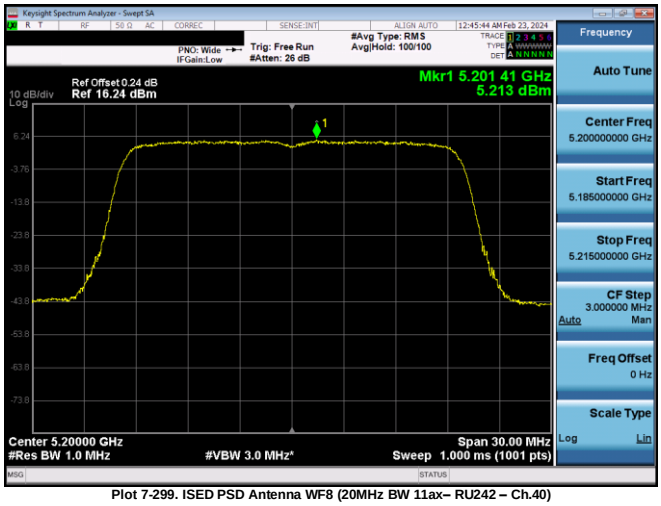
**Table 7-179. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8 (RU26/RU52)**

| | 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) | 5.38 | 2.30 | 7.68 | 10.0 | -2.32 |
| | 5200 | 40 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 5.21 | 2.30 | 7.51 | 10.0 | -2.49 |
| | 5240 | 48 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.76 | 2.30 | 7.06 | 10.0 | -2.94 |
| | 5190 | 38 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -0.85 | 2.30 | 1.45 | 10.0 | -8.55 |
| | 5230 | 46 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 4.51 | 2.30 | 6.81 | 10.0 | -3.20 |
| | 5210 | 42 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -4.33 | 2.30 | -2.03 | 10.0 | -12.03 |
| | 5250 | 50 | ax (160MHz) | 996x2 | 68 | 1020.8/1201 (MCS11) | -8.64 | 2.30 | -6.34 | 10.0 | -16.34 |

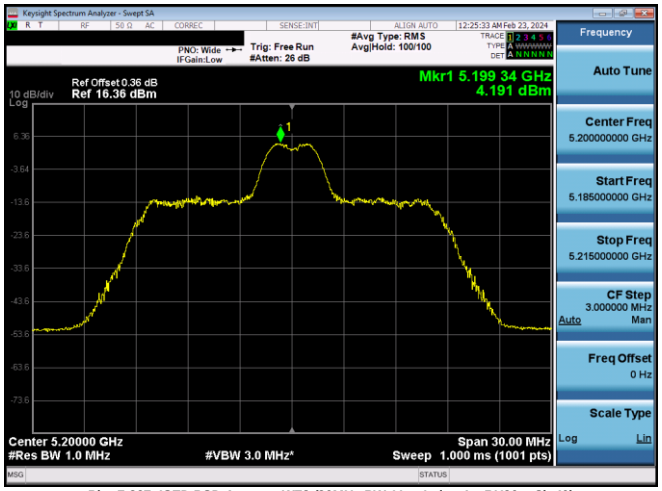
**Table 7-180. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8 (Fully-loaded RU)**



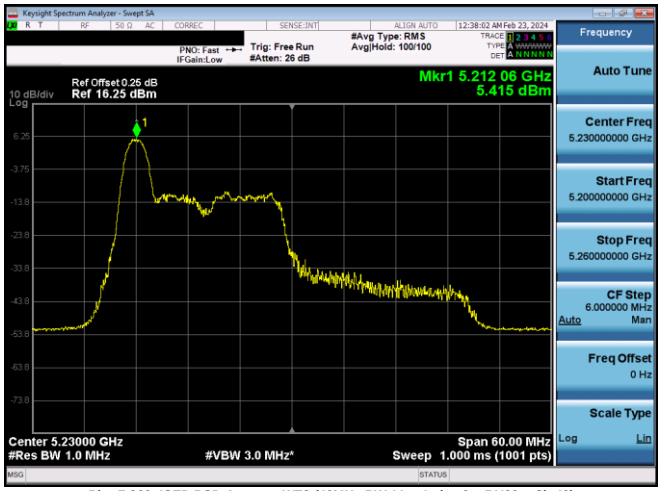

Plot 7-296. ISED PSD Antenna WF8 (20MHz BW 11ax Index 0 – RU26 – Ch.40)



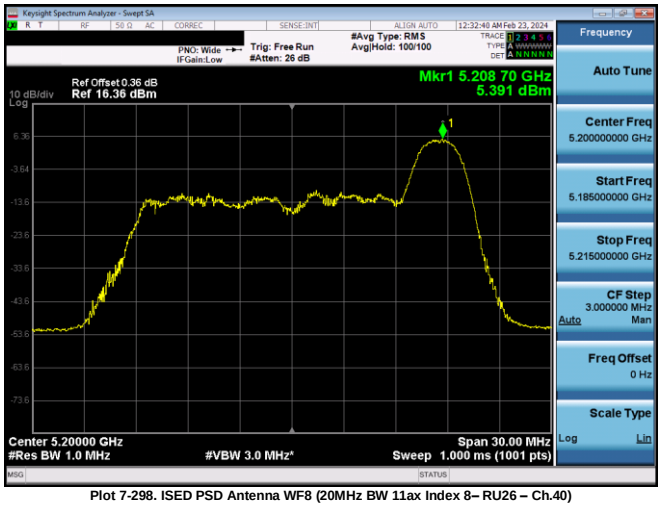

Plot 7-299. ISED PSD Antenna WF8 (20MHz BW 11ax– RU242 – Ch.40)



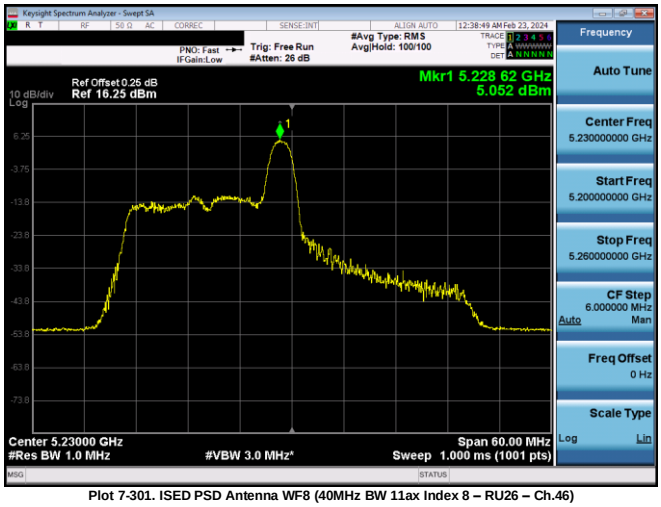

Plot 7-297. ISED PSD Antenna WF8 (20MHz BW 11ax Index 4 – RU26 – Ch.40)



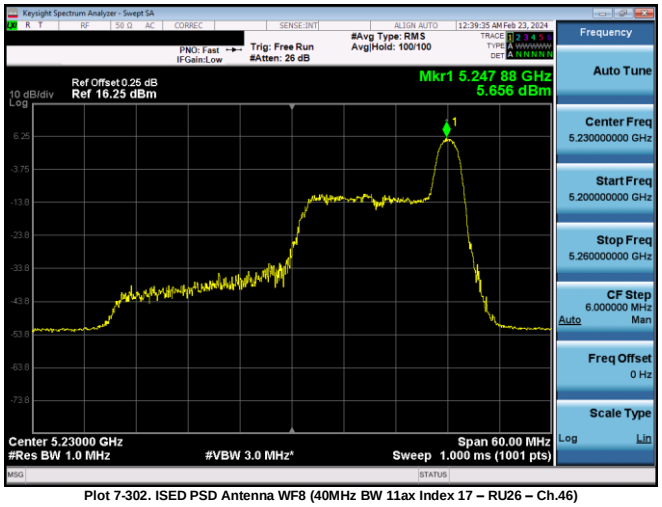

Plot 7-300. ISED PSD Antenna WF8 (40MHz BW 11ax Index 0 – RU26 – Ch.46)




Plot 7-298. ISED PSD Antenna WF8 (20MHz BW 11ax Index 8– RU26 – Ch.40)

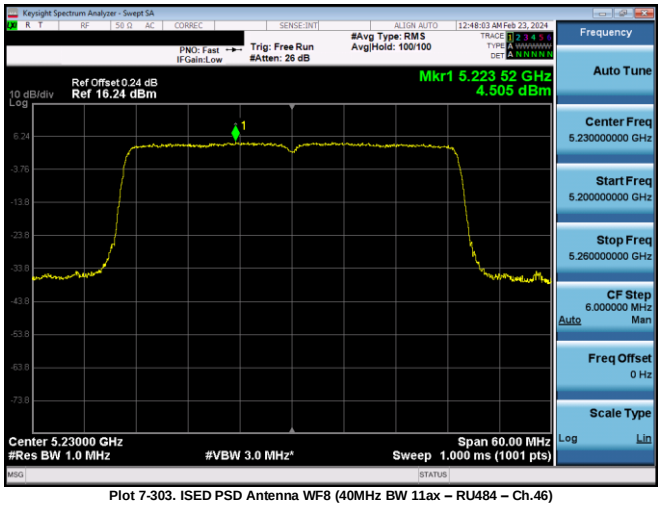



Plot 7-301. ISED PSD Antenna WF8 (40MHz BW 11ax Index 8 – RU26 – Ch.46)

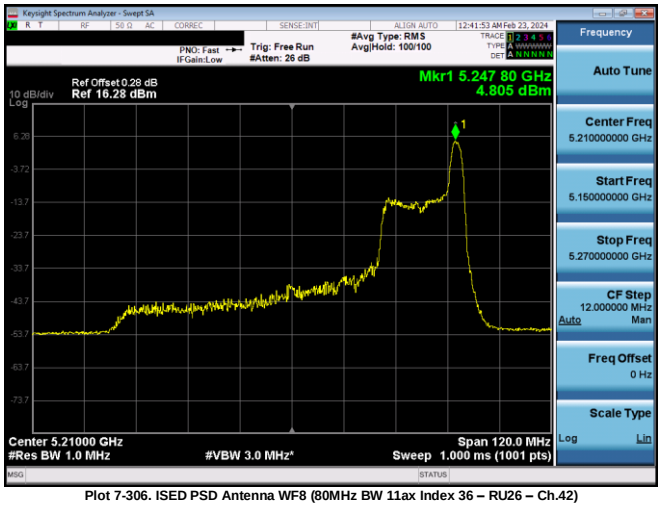



Plot 7-302. ISED PSD Antenna WF8 (40MHz BW 11ax Index 17 – RU26 – Ch.46)

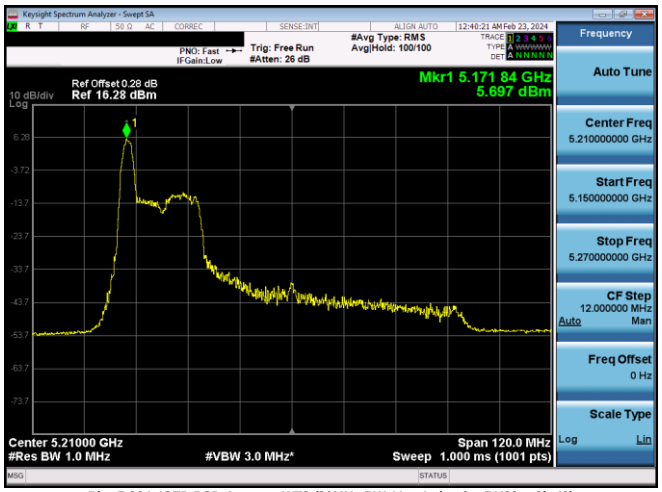

Plot 7-305. ISED PSD Antenna WF8 (80MHz BW 11ax Index 18 – RU26 – Ch.42)



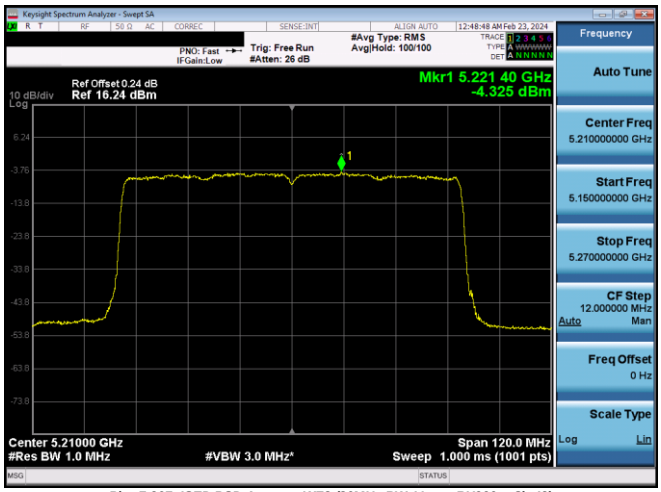

Plot 7-303. ISED PSD Antenna WF8 (40MHz BW 11ax – RU484 – Ch.46)



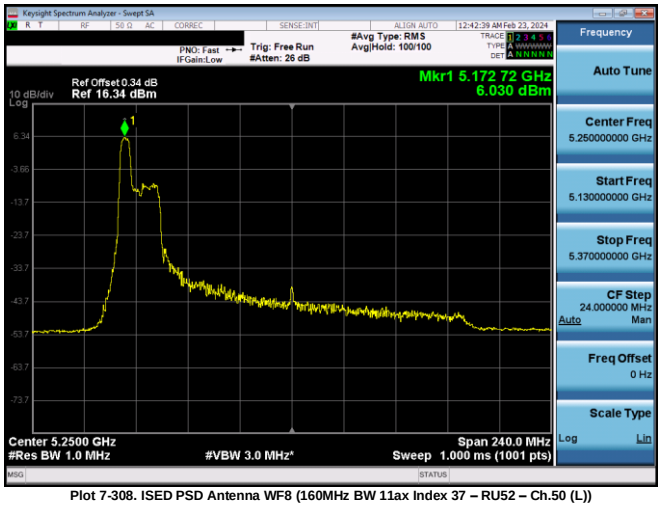

Plot 7-306. ISED PSD Antenna WF8 (80MHz BW 11ax Index 36 – RU26 – Ch.42)



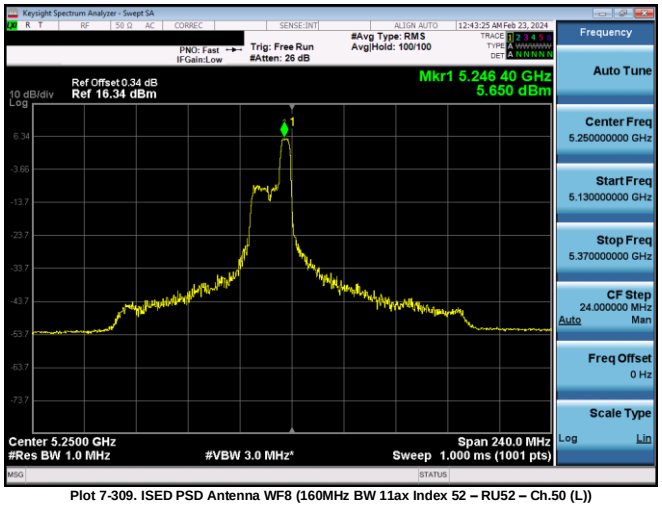

Plot 7-304. ISED PSD Antenna WF8 (80MHz BW 11ax Index 0 – RU26 – Ch.42)



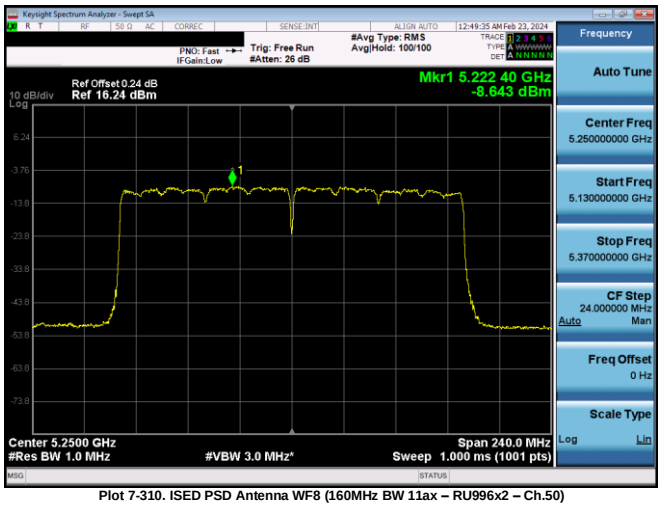

Plot 7-307. ISED PSD Antenna WF8 (80MHz BW 11ax – RU996 – Ch.42)




Plot 7-308. ISED PSD Antenna WF8 (160MHz BW 11ax Index 37 – RU52 – Ch.50 (L))




Plot 7-309. ISED PSD Antenna WF8 (160MHz BW 11ax Index 52 – RU52 – Ch.50 (L))




Plot 7-310. ISED PSD Antenna WF8 (160MHz BW 11ax – RU996x2 – Ch.50)

## 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) | 7.62 | 11.0 | -3.38 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 7.10 | 11.0 | -3.91 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.82 | 11.0 | -3.18 |
| | 5200 | 40 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.55 | 11.0 | -3.45 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 7.09 | 11.0 | -3.91 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 8.01 | 11.0 | -2.99 |
| | 5240 | 48 | ax (20MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.68 | 11.0 | -3.32 |
| | | | | 26 | 4 | 12.5/14.7 (MCS11) | 6.98 | 11.0 | -4.02 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.87 | 11.0 | -3.13 |
| | 5190 | 38 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.38 | 11.0 | -3.63 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 8.37 | 11.0 | -2.64 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 7.22 | 11.0 | -3.78 |
| | 5230 | 46 | ax (40MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.45 | 11.0 | -3.55 |
| | | | | 26 | 8 | 12.5/14.7 (MCS11) | 7.88 | 11.0 | -3.12 |
| | | | | 26 | 17 | 12.5/14.7 (MCS11) | 7.48 | 11.0 | -3.52 |
| | 5210 | 42 | ax (80MHz) | 26 | 0 | 12.5/14.7 (MCS11) | 7.53 | 11.0 | -3.47 |
| | | | | 26 | 18 | 12.5/14.7 (MCS11) | 6.81 | 11.0 | -4.19 |
| | | | | 26 | 36 | 12.5/14.7 (MCS11) | 7.74 | 11.0 | -3.26 |

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

| | 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) | 6.31 | 11.0 | -4.70 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 5.85 | 11.0 | -5.15 |
| | | 50 (U) | | 52 | 52 | 25/29.4 (MCS11) | 5.89 | 11.0 | -5.12 |
| Band 2A | 5260 | 52 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.06 | 11.0 | -2.94 |
| | | | | 52 | 38 | 25/29.4 (MCS11) | 8.44 | 11.0 | -2.56 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.62 | 11.0 | -2.38 |
| | 5300 | 60 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.80 | 11.0 | -3.21 |
| | | | | 52 | 38 | 25/29.4 (MCS11) | 8.57 | 11.0 | -2.43 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.31 | 11.0 | -2.69 |
| | 5320 | 64 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.13 | 11.0 | -2.87 |
| | | | | 52 | 38 | 25/29.4 (MCS11) | 8.41 | 11.0 | -2.59 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 7.95 | 11.0 | -3.05 |
| | 5270 | 54 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.54 | 11.0 | -3.46 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.35 | 11.0 | -2.66 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 7.91 | 11.0 | -3.09 |
| | 5310 | 62 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.72 | 11.0 | -3.28 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.18 | 11.0 | -2.82 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 7.72 | 11.0 | -3.29 |
| | 5290 | 58 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.66 | 11.0 | -3.34 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 8.23 | 11.0 | -2.78 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 7.81 | 11.0 | -3.19 |
| Band 2C | 5500 | 100 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.01 | 11.0 | -2.99 |
| | | | | 52 | 38 | 25/29.4 (MCS11) | 8.42 | 11.0 | -2.58 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 7.90 | 11.0 | -3.10 |
| | 5580 | 116 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.04 | 11.0 | -2.96 |
| | | | | 52 | 38 | 25/29.4 (MCS11) | 8.58 | 11.0 | -2.42 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.18 | 11.0 | -2.82 |
| | 5720 | 144 | ax (20MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.69 | 11.0 | -2.31 |
| | | | | 52 | 38 | 25/29.4 (MCS11) | 8.79 | 11.0 | -2.21 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.21 | 11.0 | -2.79 |
| | 5510 | 102 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.50 | 11.0 | -3.51 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 7.77 | 11.0 | -3.23 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 7.73 | 11.0 | -3.27 |
| | 5550 | 110 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.16 | 11.0 | -2.85 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.49 | 11.0 | -2.51 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 8.02 | 11.0 | -2.99 |
| | 5710 | 142 | ax (40MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.14 | 11.0 | -2.86 |
| | | | | 52 | 40 | 25/29.4 (MCS11) | 8.76 | 11.0 | -2.24 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 7.88 | 11.0 | -3.12 |
| | 5530 | 106 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.93 | 11.0 | -3.07 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 7.95 | 11.0 | -3.05 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 7.75 | 11.0 | -3.25 |
| | 5610* | 122 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 8.07 | 11.0 | -2.93 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 8.29 | 11.0 | -2.71 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 7.85 | 11.0 | -3.15 |
| | 5690 | 138 | ax (80MHz) | 52 | 37 | 25/29.4 (MCS11) | 7.97 | 11.0 | -3.03 |
| | | | | 52 | 44 | 25/29.4 (MCS11) | 8.24 | 11.0 | -2.76 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 7.54 | 11.0 | -3.46 |
| | 5570* | 114 (L) | ax (160MHz) | 52 | 37 | 25/29.4 (MCS11) | 5.95 | 11.0 | -5.05 |
| | | | | 52 | 52 | 25/29.4 (MCS11) | 5.98 | 11.0 | -5.02 |
| | | 114 (U) | | 52 | 52 | 25/29.4 (MCS11) | 6.03 | 11.0 | -4.97 |

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

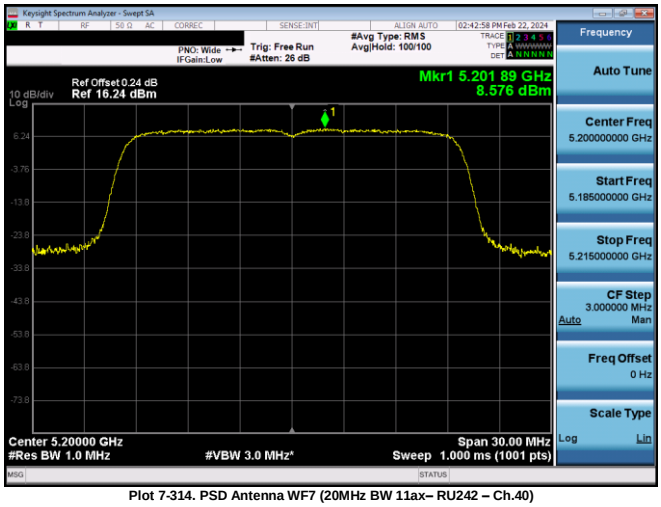
*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

| | 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) | 5.89 | 11.0 | -5.11 |
| | 5200 | 40 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 8.58 | 11.0 | -2.42 |
| | 5240 | 48 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 8.35 | 11.0 | -2.65 |
| | 5190 | 38 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -0.92 | 11.0 | -11.92 |
| | 5230 | 46 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 5.34 | 11.0 | -5.66 |
| | 5210 | 42 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -4.19 | 11.0 | -15.19 |
| Band 1/2A | 5250 | 50 | ax (160MHz) | 996x2 | 68 | 1020.8/1201 (MCS11) | -8.37 | 11.0 | -19.37 |
| Band 2A | 5260 | 52 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 8.36 | 11.0 | -2.64 |
| | 5300 | 60 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 8.24 | 11.0 | -2.76 |
| | 5320 | 64 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 5.48 | 11.0 | -5.52 |
| | 5270 | 54 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 5.54 | 11.0 | -5.46 |
| | 5310 | 62 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 0.04 | 11.0 | -10.96 |
| | 5290 | 58 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -2.99 | 11.0 | -13.99 |
| Band 2C | 5500 | 100 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 4.96 | 11.0 | -6.04 |
| | 5580 | 116 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 8.53 | 11.0 | -2.47 |
| | 5720 | 144 | ax (20MHz) | 242 | 61 | 121.9/143.4 (MCS11) | 8.48 | 11.0 | -2.52 |
| | 5510 | 102 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | -1.18 | 11.0 | -12.18 |
| | 5550 | 110 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 3.86 | 11.0 | -7.14 |
| | 5710 | 142 | ax (40MHz) | 484 | 65 | 243.8/286.8 (MCS11) | 5.66 | 11.0 | -5.35 |
| | 5530 | 106 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -3.57 | 11.0 | -14.57 |
| | 5610* | 122 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | -0.68 | 11.0 | -11.68 |
| | 5690 | 138 | ax (80MHz) | 996 | 67 | 510.4/600.5 (MCS11) | 2.55 | 11.0 | -8.45 |
| | 5570* | 114 | ax (160MHz) | 996x2 | 68 | 1020.8/1201 (MCS11) | -8.23 | 11.0 | -19.23 |

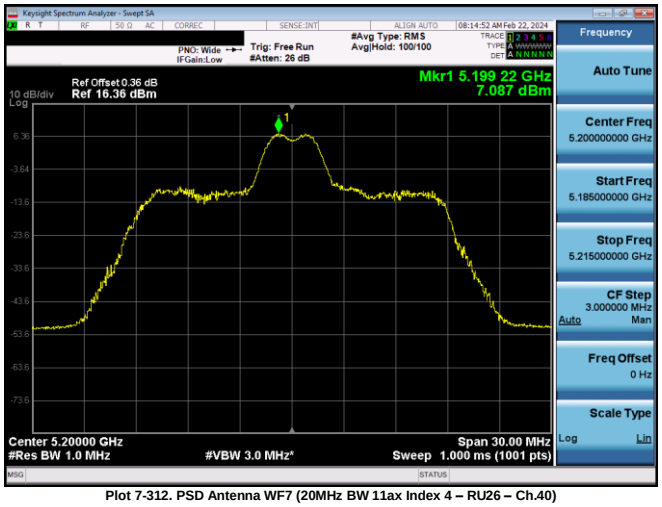
**Table 7-183. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF7 (Fully-loaded RU)**

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

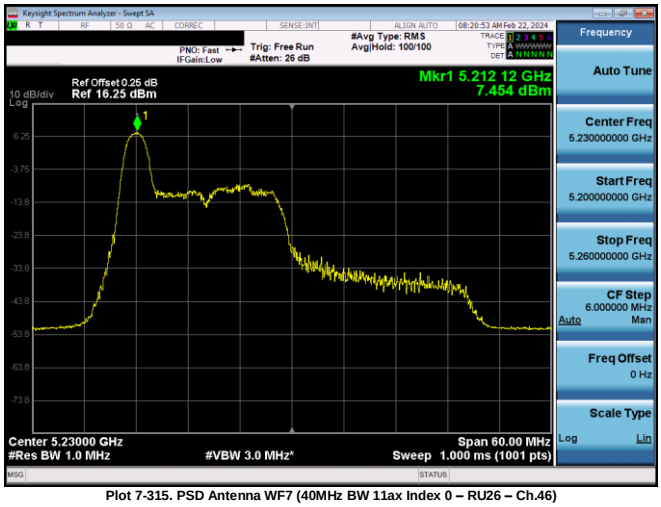

Plot 7-311. PSD Antenna WF7 (20MHz BW 11ax Index 0 – RU26 – Ch.40)



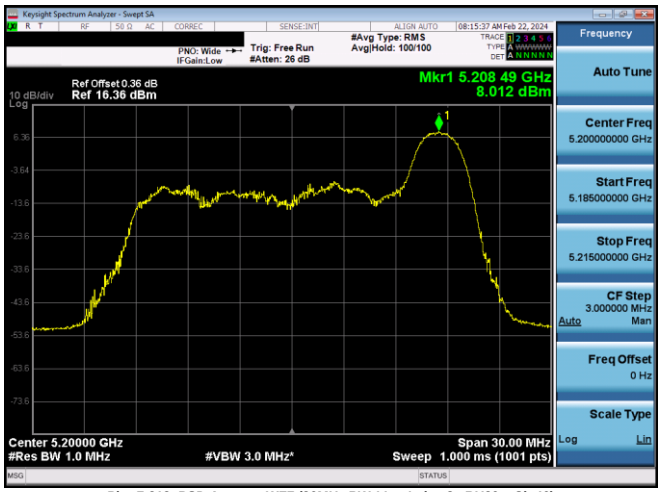

Plot 7-314. PSD Antenna WF7 (20MHz BW 11ax– RU242 – Ch.40)



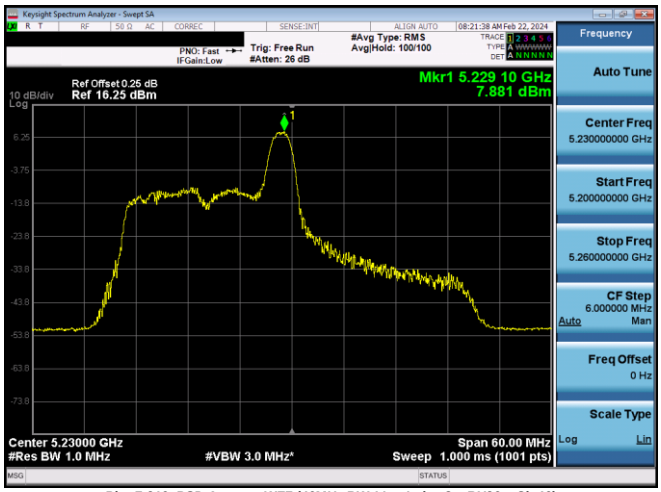

Plot 7-312. PSD Antenna WF7 (20MHz BW 11ax Index 4 – RU26 – Ch.40)



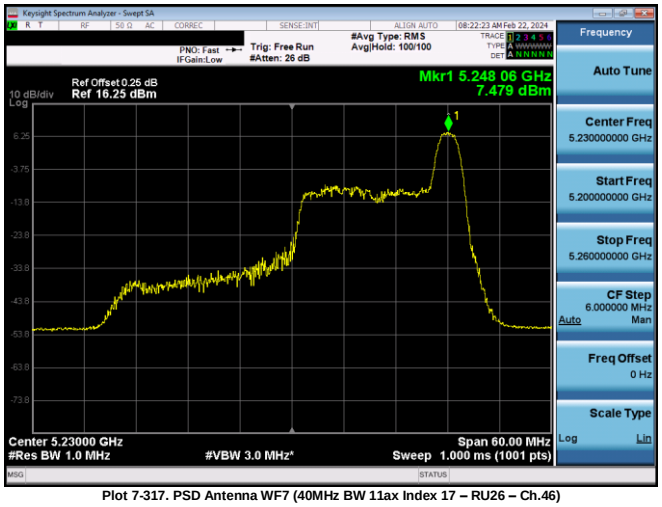

Plot 7-315. PSD Antenna WF7 (40MHz BW 11ax Index 0 – RU26 – Ch.46)




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

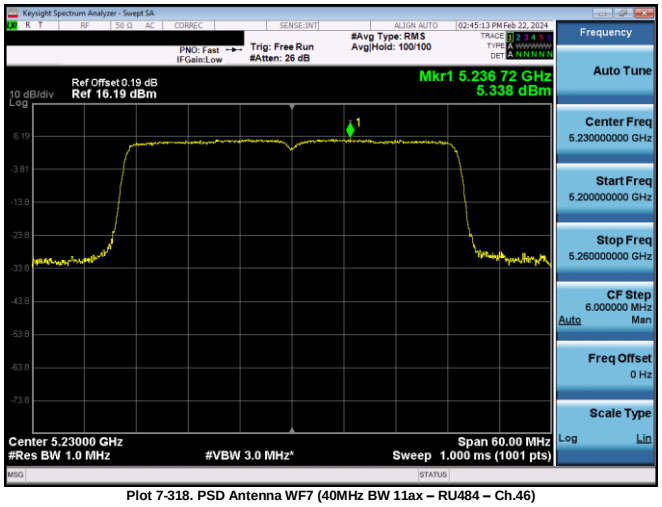



Plot 7-316. PSD Antenna WF7 (40MHz BW 11ax Index 8 – RU26 – Ch.46)

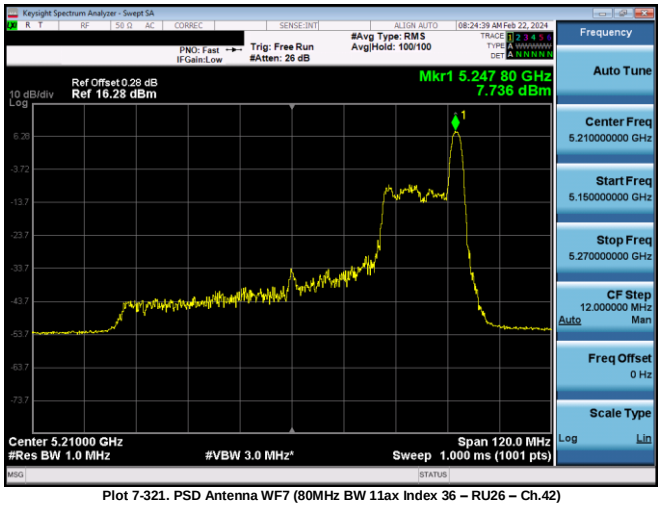



Plot 7-317. PSD Antenna WF7 (40MHz BW 11ax Index 17 – RU26 – Ch.46)

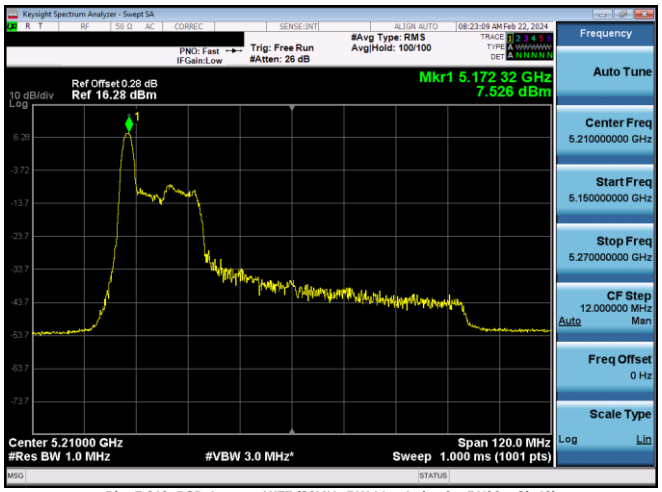

Plot 7-320. PSD Antenna WF7 (80MHz BW 11ax Index 18 – RU26 – Ch.42)



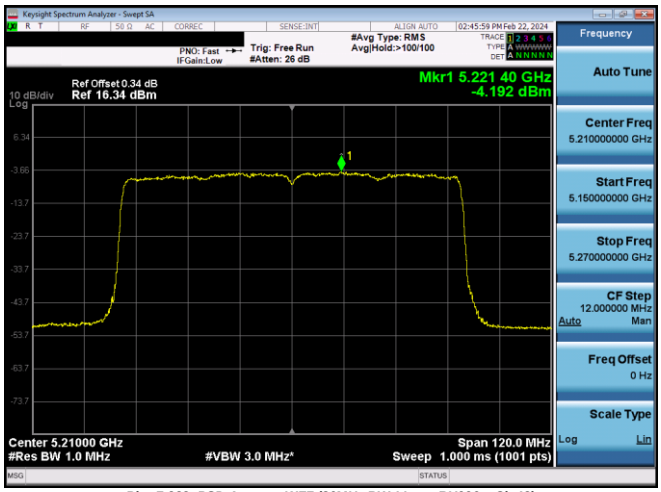

Plot 7-318. PSD Antenna WF7 (40MHz BW 11ax – RU484 – Ch.46)




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)