







Plot 7-363. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 46, MCS2)



Plot 7-361. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 40, MCS2)



Plot 7-364. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 42, MCS2)



Plot 7-362. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 46, MCS2)



Plot 7-365. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 42, MCS2)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
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Plot 7-366. PSD Antenna WF8 (160MHz BW 802.11ac - Ch. 50, MCS2)



Plot 7-369. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 60, MCS2)



Plot 7-367. PSD Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 50, MCS2)



Plot 7-370. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 54, MCS2)



Plot 7-368. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 60, MCS2)



Plot 7-371. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 54, MCS2)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
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Plot 7-372. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 58, MCS2)



Plot 7-375. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 116, MCS2)



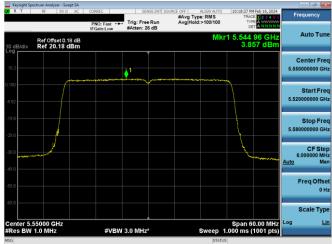
Plot 7-373. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 58, MCS2)



Plot 7-376. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 110, MCS2)



Plot 7-374. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 116, MCS2)



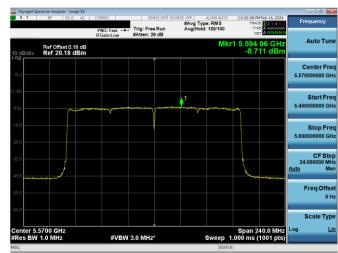
Plot 7-377. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 110, MCS2)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
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Plot 7-378. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 122, MCS2)



Plot 7-381. PSD Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 114, MCS2)



Plot 7-379. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 122, MCS2)



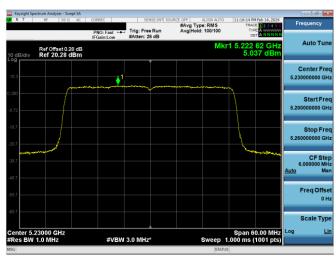
Plot 7-380. PSD Antenna WF8 (160MHz BW 802.11ac - Ch. 114, MCS2)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
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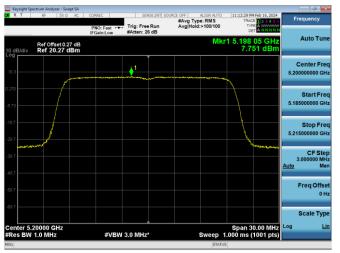




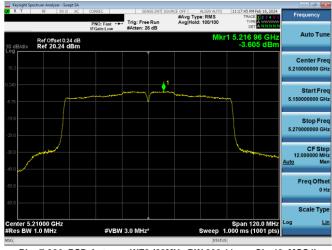
Plot 7-382. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 40, MCS4)



Plot 7-385. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 46, MCS4)



Plot 7-383. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 40, MCS4)



Plot 7-386. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 42, MCS4)



Plot 7-384. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 46, MCS4)



Plot 7-387. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 42, MCS4)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
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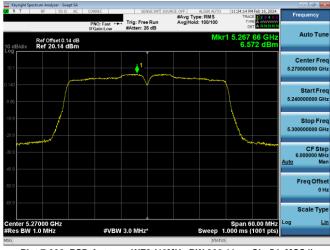
Plot 7-388. PSD Antenna WF8 (160MHz BW 802.11ac - Ch. 50, MCS4)



Plot 7-391. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 60, MCS4)



Plot 7-389. PSD Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 50, MCS4)



Plot 7-392. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 54, MCS4)



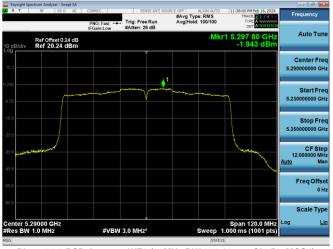
Plot 7-390. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 60, MCS4)



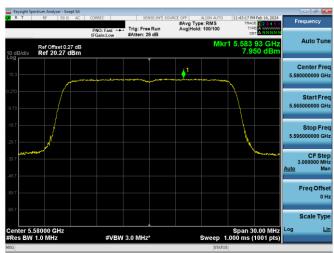
Plot 7-393. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 54, MCS4)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
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Plot 7-394. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 58, MCS4)



Plot 7-397. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 116, MCS4)



Plot 7-395. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 58, MCS4)



Plot 7-398. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 110, MCS4)



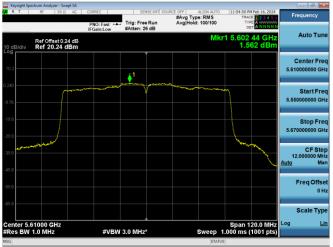
Plot 7-396. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 116, MCS4)



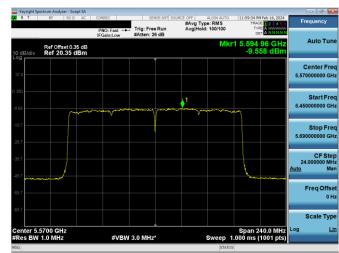
Plot 7-399. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 110, MCS4)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
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Plot 7-400. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 122, MCS4)



Plot 7-403. PSD Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 114, MCS4)



Plot 7-401. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 122, MCS4)



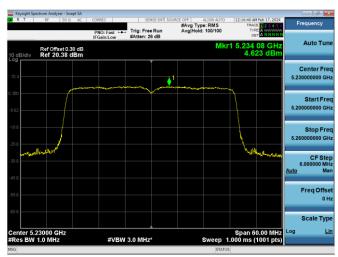
Plot 7-402. PSD Antenna WF8 (160MHz BW 802.11ac - Ch. 114, MCS4)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
| Test Report S/N:                   | Test Dates:            | EUT Type:                          | Page 177 of 595                   |
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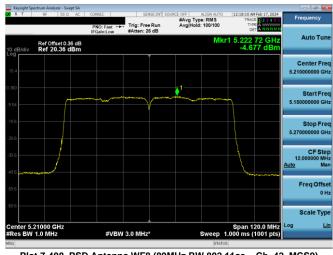
Plot 7-404. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 40, MCS7)



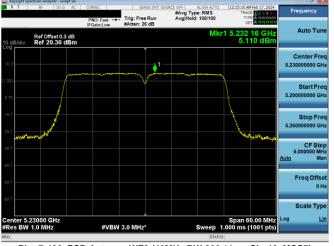
Plot 7-407. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 46, MCS11)



Plot 7-405. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 40, MCS11)



Plot 7-408. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 42, MCS9)



Plot 7-406. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 46, MCS7)



Plot 7-409. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 42, MCS11)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
| Test Report S/N:                   | Test Dates:            | EUT Type:                          | Dage 470 of 505                   |
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Plot 7-410. PSD Antenna WF8 (160MHz BW 802.11ac - Ch. 50, MCS9)



Plot 7-413. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 60, MCS11)



Plot 7-411. PSD Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 50, MCS11)



Plot 7-414. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 54, MCS7)



Plot 7-412. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 60, MCS7)



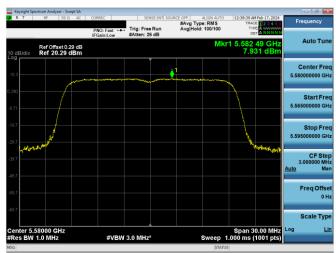
Plot 7-415. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 54, MCS11)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
| Test Report S/N:                   | Test Dates:            | EUT Type:                          | Page 179 of 595                   |
| 1C2311270067-11-R1.BCG             | 12/06/202 - 02/20/2024 | Tablet Device                      | Fage 179 01 595                   |

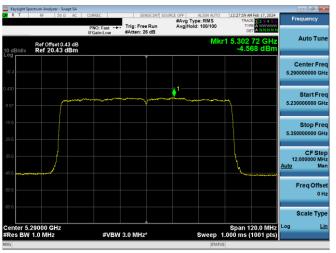




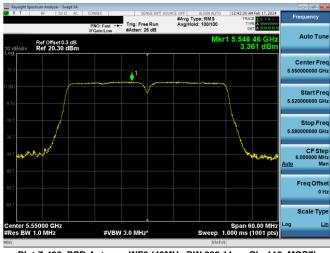




Plot 7-419. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)



Plot 7-417. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 58, MCS11)



Plot 7-420. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 110, MCS7)



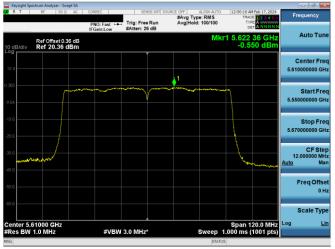
Plot 7-418. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 116, MCS7)



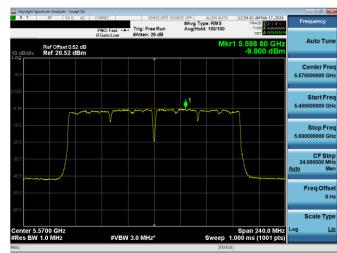
Plot 7-421. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 110, MCS11)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
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Plot 7-422. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 122, MCS9)



Plot 7-424. PSD Antenna WF8 (160MHz BW 802.11ac - Ch. 114, MCS9)



Plot 7-423. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 122, MCS11)



Plot 7-425. PSD Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 114, MCS11)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
| Test Report S/N:                   | Test Dates:            | EUT Type:                          | Page 181 of 595                   |
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|      | Frequency<br>[MHz] | Channel | 802.11<br>MODE  | Data Rate [Mbps] | Measured Power<br>Density<br>[dBm/500kHz] | Max Permissible<br>Power Density<br>[dBm/500kHz] | Margin<br>[dB] |
|------|--------------------|---------|-----------------|------------------|---|--|----------------|
|      | 5745               | 149     | n (20MHz)       | 19.5/21.7 (MCS2) | 6.47                                      | 30.0   | -23.5          |
|      | 5785               | 157     | n (20MHz)       | 19.5/21.7 (MCS2) | 5.95                                      | 30.0   | -24.0          |
|      | 5825               | 165     | n (20MHz)       | 19.5/21.7 (MCS2) | 6.07                                      | 30.0   | -23.9          |
|      | 5745               | 149     | ax (SU) (20MHz) | 24/25.8 (MCS2)   | 5.13                                      | 30.0   | -24.9          |
| က    | 5785               | 157     | ax (SU) (20MHz) | 24/25.8 (MCS2)   | 4.80                                      | 30.0   | -25.2          |
|      | 5825               | 165     | ax (SU) (20MHz) | 24/25.8 (MCS2)   | 4.85                                      | 30.0   | -25.1          |
| Band | 5755               | 151     | n (40MHz)       | 40/40.5 (MCS2)   | 3.52                                      | 30.0   | -26.5          |
| _    | 5795               | 159     | n (40MHz)       | 40/40.5 (MCS2)   | 3.17                                      | 30.0   | -26.8          |
|      | 5755               | 151     | ax (SU) (40MHz) | 49/51.6 (MCS2)   | 2.04                                      | 30.0   | -28.0          |
|      | 5795               | 159     | ax (SU) (40MHz) | 49/51.6 (MCS2)   | 2.12                                      | 30.0   | -27.9          |
|      | 5775               | 155     | ac (80MHz)      | 87.8/97.5 (MCS2) | -0.84                                     | 30.0   | -30.8          |
|      | 5775               | 155     | ax (SU) (80MHz) | 102/108.1 (MCS2) | -3.12                                     | 30.0   | -33.1          |

Table 7-212. Band 3 Power Spectral Density Measurements Antenna WF8 (Low Data Rate)

|      | Frequency<br>[MHz] | Channel | 802.11<br>MODE  | Data Rate [Mbps] | Measured Power<br>Density<br>[dBm/500kHz] | Max Permissible<br>Power Density<br>[dBm/500kHz] | Margin<br>[dB] |
|------|--------------------|---------|-----------------|------------------|---|--|----------------|
|      | 5745               | 149     | n (20MHz)       | 39/43.3 (MCS4)   | 6.37                                      | 30.0   | -23.6          |
|      | 5785               | 157     | n (20MHz)       | 39/43.3 (MCS4)   | 6.17                                      | 30.0   | -23.8          |
|      | 5825               | 165     | n (20MHz)       | 39/43.3 (MCS4)   | 6.37                                      | 30.0   | -23.6          |
|      | 5745               | 149     | ax (SU) (20MHz) | 49/51.6 (MCS4)   | 5.53                                      | 30.0   | -24.5          |
| က    | 5785               | 157     | ax (SU) (20MHz) | 49/51.6 (MCS4)   | 4.75                                      | 30.0   | -25.3          |
|      | 5825               | 165     | ax (SU) (20MHz) | 49/51.6 (MCS4)   | 5.17                                      | 30.0   | -24.8          |
| Band | 5755               | 151     | n (40MHz)       | 81/90 (MCS4)     | 3.37                                      | 30.0   | -26.6          |
| _    | 5795               | 159     | n (40MHz)       | 81/90 (MCS4)     | 3.24                                      | 30.0   | -26.8          |
|      | 5755               | 151     | ax (SU) (40MHz) | 98/103.2 (MCS4)  | 2.34                                      | 30.0   | -27.7          |
|      | 5795               | 159     | ax (SU) (40MHz) | 98/103.2 (MCS4)  | 1.96                                      | 30.0   | -28.0          |
|      | 5775               | 155     | ac (80MHz)      | 175.5/195 (MCS4) | -1.15                                     | 30.0   | -31.2          |
|      | 5775               | 155     | ax (SU) (80MHz) | 204/216.2 (MCS4) | -3.58                                     | 30.0   | -33.6          |

Table 7-213. Band 3 Power Spectral Density Measurements Antenna WF8 (Mid Data Rate)

|      | Frequency<br>[MHz] | Channel | 802.11<br>MODE  | Data Rate [Mbps]  | Measured Power<br>Density<br>[dBm/500kHz] | Max Permissible<br>Power Density<br>[dBm/500kHz] | Margin<br>[dB] |
|------|--------------------|---------|-----------------|-------------------|---|--|----------------|
|      | 5745               | 149     | n (20MHz)       | 65/72.2 (MCS7)    | 5.11                                      | 30.0   | -24.9          |
|      | 5785               | 157     | n (20MHz)       | 65/72.2 (MCS7)    | 4.98                                      | 30.0   | -25.0          |
|      | 5825               | 165     | n (20MHz)       | 65/72.2 (MCS7)    | 5.40                                      | 30.0   | -24.6          |
|      | 5745               | 149     | ax (SU) (20MHz) | 135/143.4 (MCS11) | 5.12                                      | 30.0   | -24.9          |
| 5 bd | 5785               | 157     | ax (SU) (20MHz) | 135/143.4 (MCS11) | 4.93                                      | 30.0   | -25.1          |
|      | 5825               | 165     | ax (SU) (20MHz) | 135/143.4 (MCS11) | 5.30                                      | 30.0   | -24.7          |
| Band | 5755               | 151     | n (40MHz)       | 135/150 (MCS7)    | 2.03                                      | 30.0   | -28.0          |
| _    | 5795               | 159     | n (40MHz)       | 135/150 (MCS7)    | 2.22                                      | 30.0   | -27.8          |
|      | 5755               | 151     | ax (SU) (40MHz) | 271/286 (MCS11)   | 2.06                                      | 30.0   | -27.9          |
|      | 5795               | 159     | ax (SU) (40MHz) | 271/286 (MCS11)   | 2.33                                      | 30.0   | -27.7          |
|      | 5775               | 155     | ac (80MHz)      | 390/433.3 (MCS9)  | -3.30                                     | 30.0   | -33.3          |
|      | 5775               | 155     | ax (SU) (80MHz) | 567/600.5 (MCS11) | -3.90                                     | 30.0   | -33.9          |

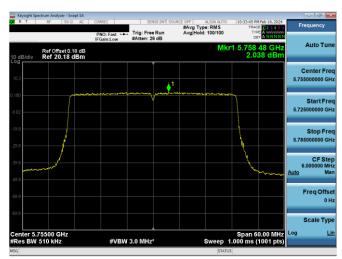
Table 7-214. Band 3 Power Spectral Density Measurements Antenna WF8 (High Data Rate)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
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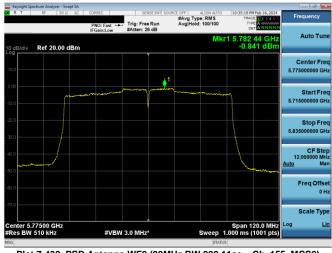
Plot 7-426. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 157, MCS2)



Plot 7-429. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 151, MCS2)



Plot 7-427. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 157, MCS2)



Plot 7-430. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 155, MCS2)



Plot 7-428. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 151, MCS2)



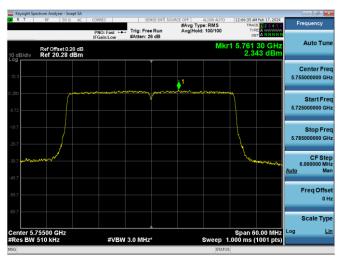
Plot 7-431. PSD Antenna WF8 (80MHz BW 802.11ax SU - Ch. 155, MCS2)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
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Plot 7-432. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 157, MCS4)



Plot 7-435. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 151, MCS4)



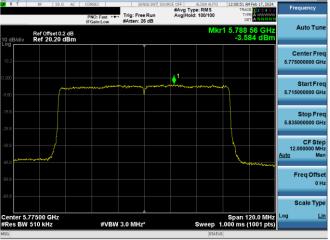
Plot 7-433. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 157, MCS4)



Plot 7-436. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 155, MCS4)



Plot 7-434. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 151, MCS4)



Plot 7-437. PSD Antenna WF8 (80MHz BW 802.11ax SU - Ch. 155, MCS4)

| FCC ID: BCGA2836<br>IC: 579C-A2836 | element                | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Technical Manager |
|------------------------------------|------------------------|------------------------------------|-----------------------------------|
| Test Report S/N:                   | Test Dates:            | EUT Type:                          | Page 184 of 595                   |
| 1C2311270067-11-R1.BCG             | 12/06/202 - 02/20/2024 | Tablet Device                      | Fage 104 01 595                   |