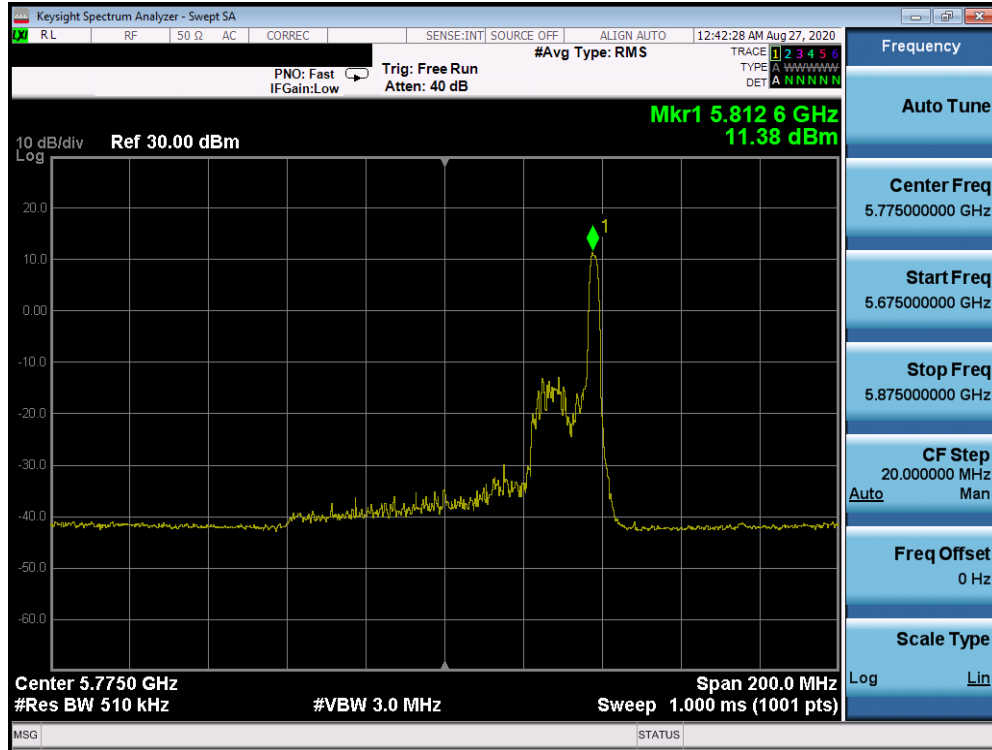
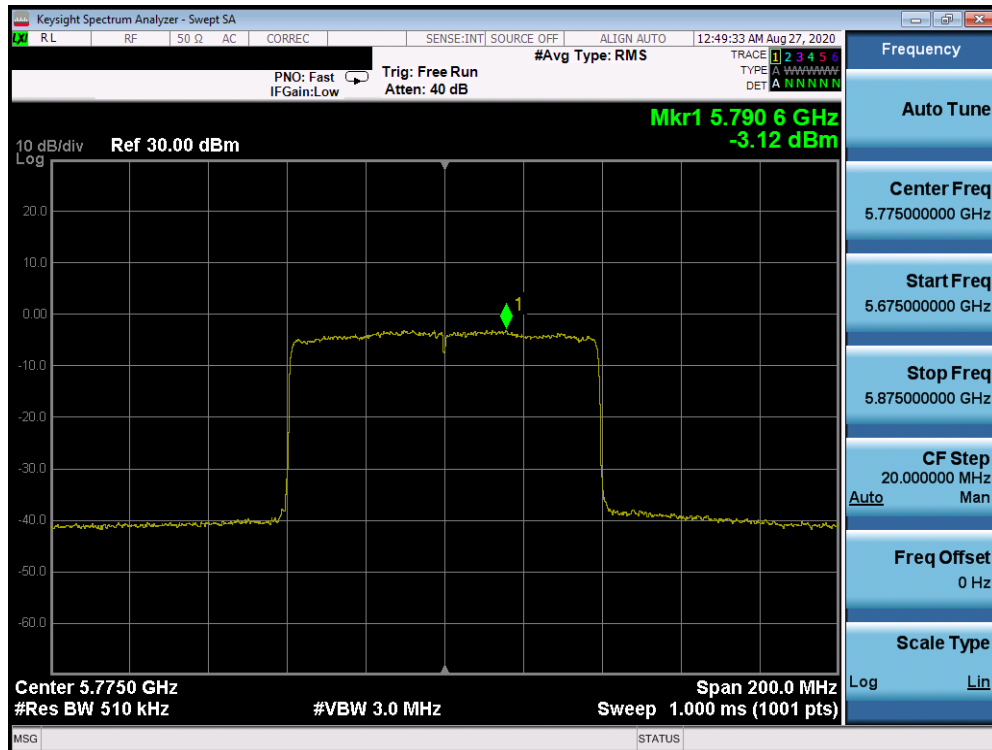




Plot 7-417. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 3) – Ch. 155)



Plot 7-418. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax – RU996 (UNII Band 3) – Ch. 155)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 291 of 958                 |

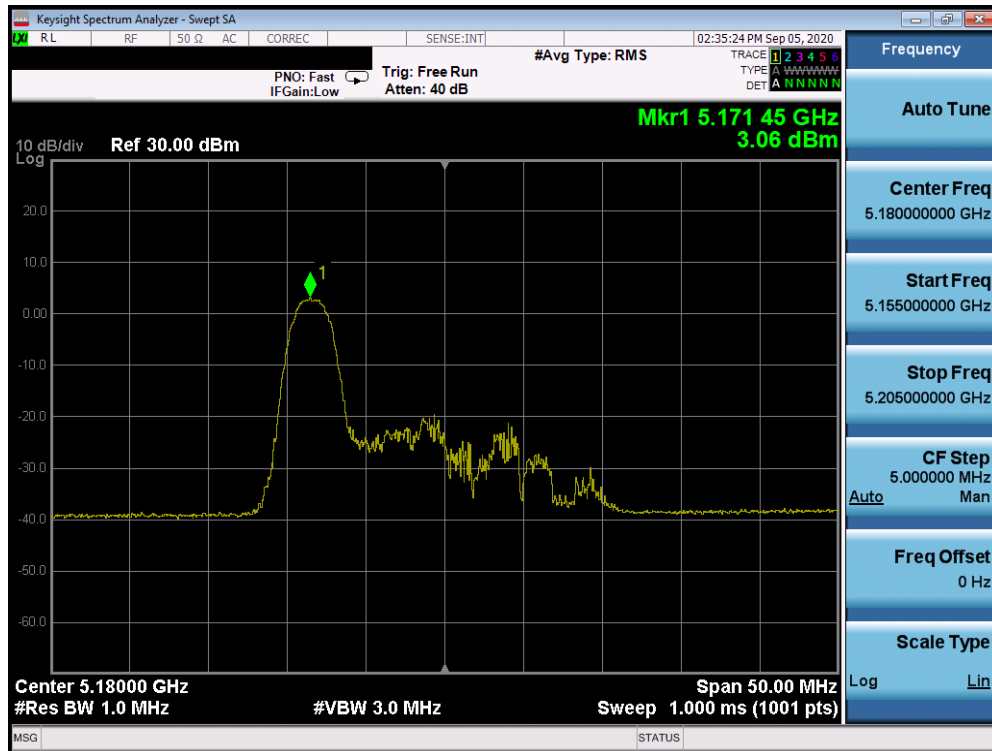
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|----------------------------------|--------------------|----------------------------------|-------------------------------------------|-------------|
| Band 1 | 5180            | 36          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 3.06                             | -0.20              | 2.86                             | 10.0                                      | -7.14       |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.69                             | -0.20              | 2.49                             | 10.0                                      | -7.51       |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 3.26                             | -0.20              | 3.06                             | 10.0                                      | -6.94       |
|        | 5200            | 40          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 3.22                             | -0.20              | 3.02                             | 10.0                                      | -6.98       |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.98                             | -0.20              | 2.78                             | 10.0                                      | -7.22       |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 3.34                             | -0.20              | 3.14                             | 10.0                                      | -6.86       |
|        | 5240            | 48          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 3.38                             | -0.20              | 3.18                             | 10.0                                      | -6.82       |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.80                             | -0.20              | 2.60                             | 10.0                                      | -7.40       |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 3.47                             | -0.20              | 3.27                             | 10.0                                      | -6.73       |
|        | 5190            | 38          | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.90                             | -0.20              | 2.70                             | 10.0                                      | -7.30       |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 3.80                             | -0.20              | 3.60                             | 10.0                                      | -6.40       |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 3.22                             | -0.20              | 3.02                             | 10.0                                      | -6.98       |
|        | 5230            | 46          | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.64                             | -0.20              | 2.44                             | 10.0                                      | -7.56       |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 3.93                             | -0.20              | 3.73                             | 10.0                                      | -6.27       |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 3.41                             | -0.20              | 3.21                             | 10.0                                      | -6.79       |
|        | 5210            | 42          | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 2.68                             | -0.20              | 2.48                             | 10.0                                      | -7.52       |
|        |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 2.37                             | -0.20              | 2.17                             | 10.0                                      | -7.83       |
|        |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 2.88                             | -0.20              | 2.68                             | 10.0                                      | -7.32       |

**Table 7-108. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 2b (RU26)**

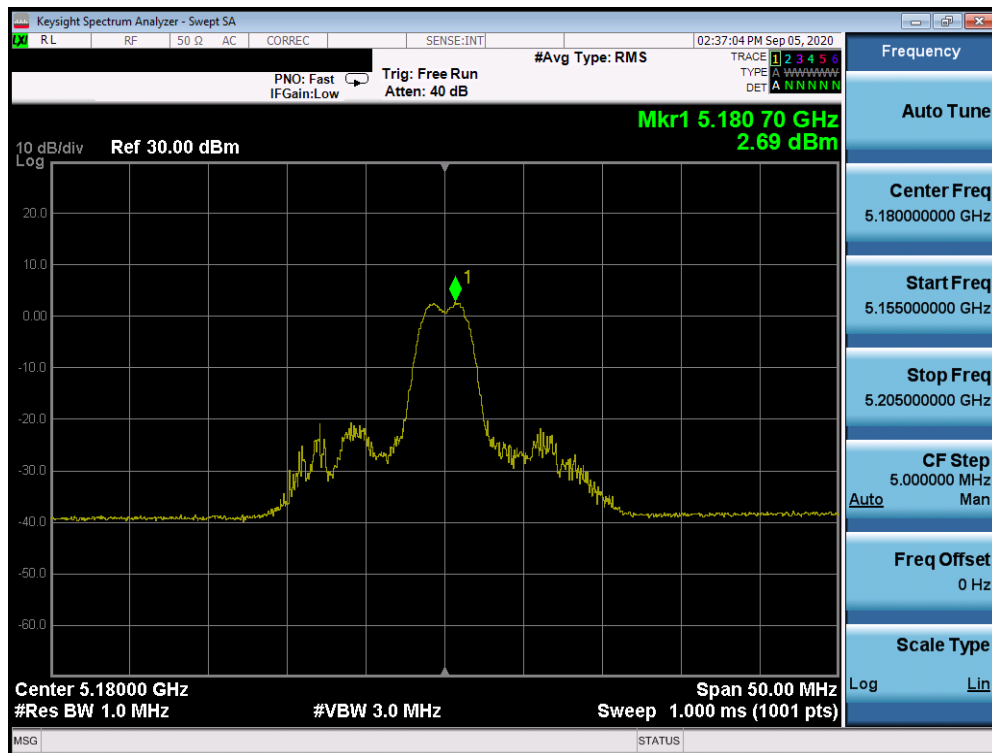
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|----------------------------------|--------------------|----------------------------------|-------------------------------------------|-------------|
| Band 1 | 5180            | 36          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 3.52                             | -0.20              | 3.32                             | 10.0                                      | -6.68       |
|        | 5200            | 40          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 3.61                             | -0.20              | 3.41                             | 10.0                                      | -6.59       |
|        | 5240            | 48          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 3.75                             | -0.20              | 3.55                             | 10.0                                      | -6.45       |
|        | 5190            | 38          | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | -1.22                            | -0.20              | -1.42                            | 10.0                                      | -11.42      |
|        | 5230            | 46          | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 3.18                             | -0.20              | 2.98                             | 10.0                                      | -7.02       |
|        | 5210            | 42          | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | -4.04                            | -0.20              | -4.24                            | 10.0                                      | -14.24      |

**Table 7-109. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 2b (Fully-loaded RU)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                        | EUT Type:<br>Tablet Device | Page 292 of 958                 |

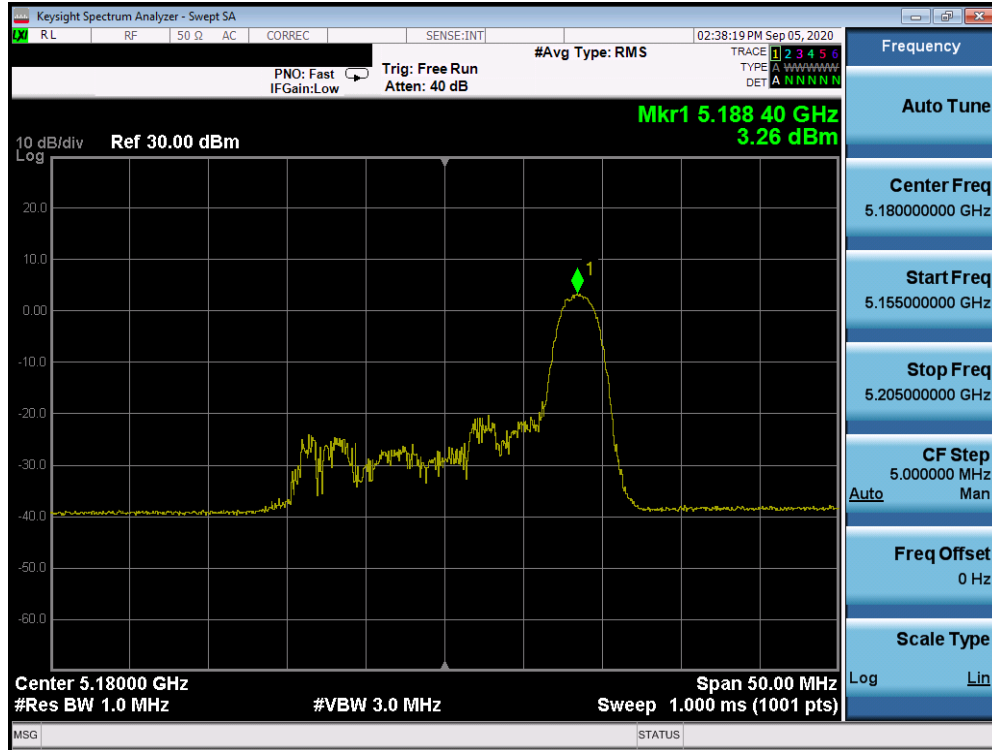


Plot 7-419. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 36)

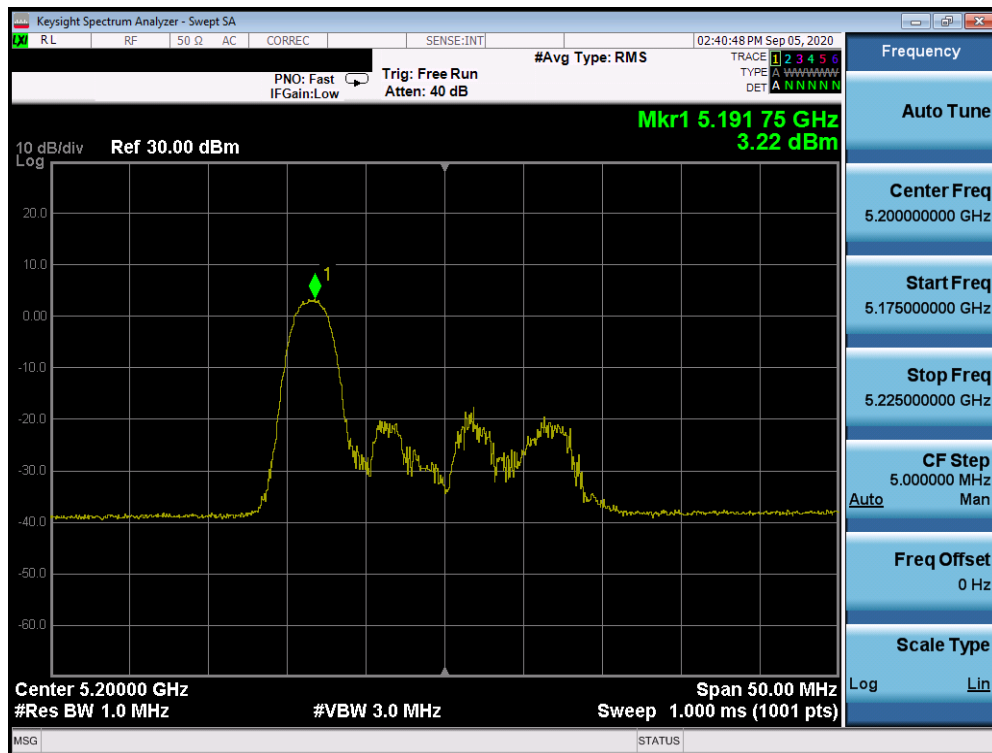


Plot 7-420. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 36)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 293 of 958                 |

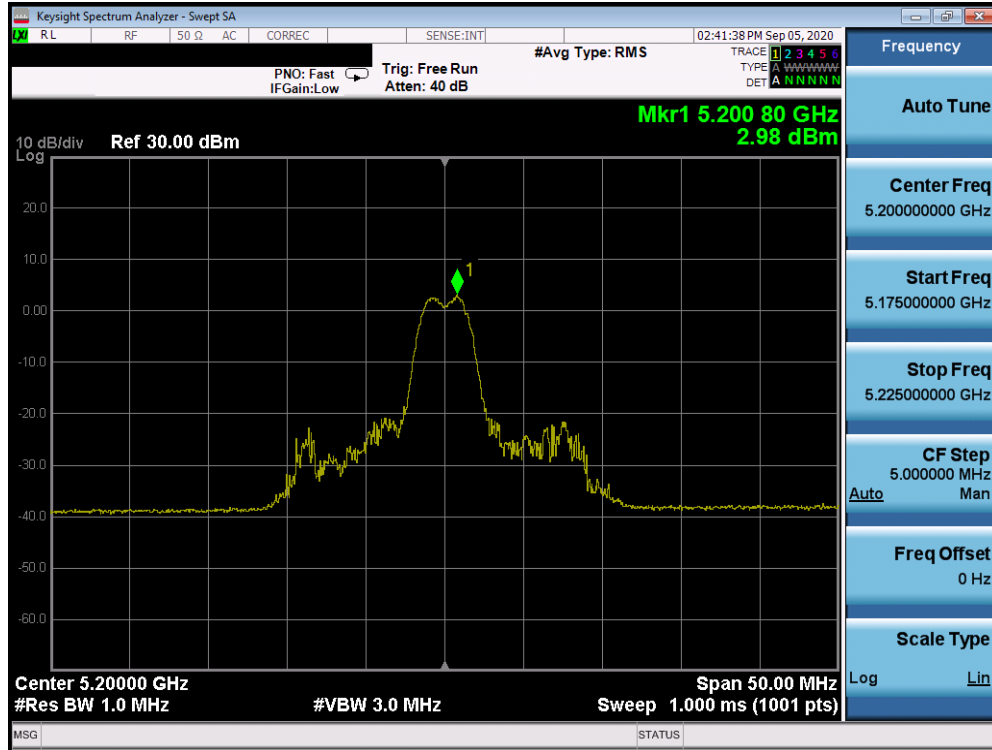


Plot 7-421. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 36)

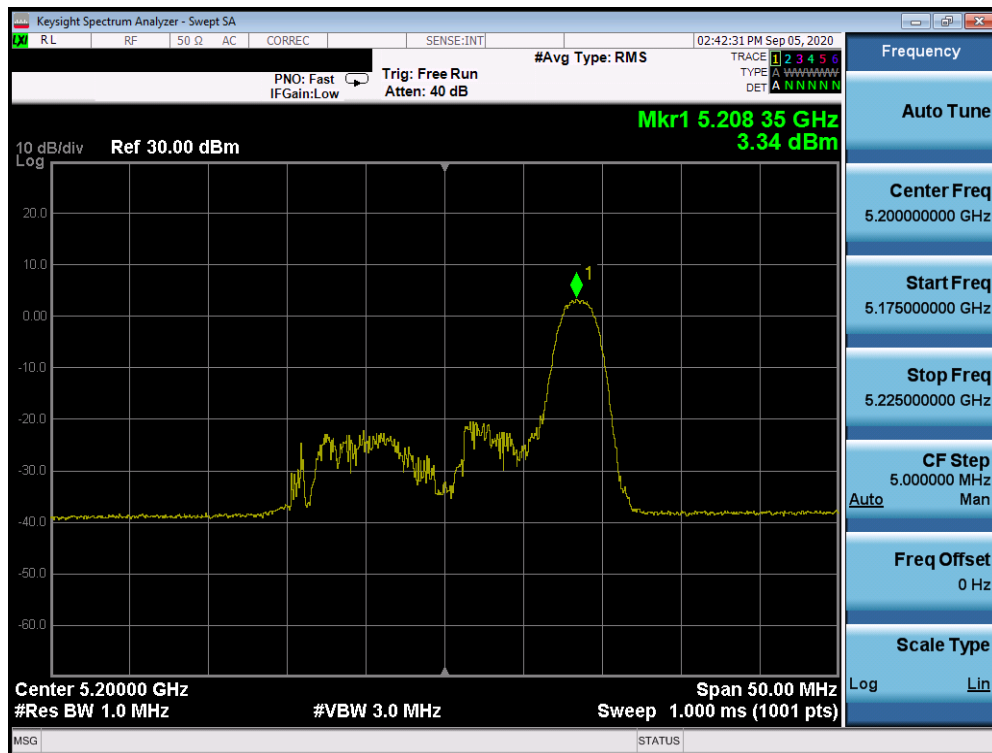


Plot 7-422. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 40)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 294 of 958                 |

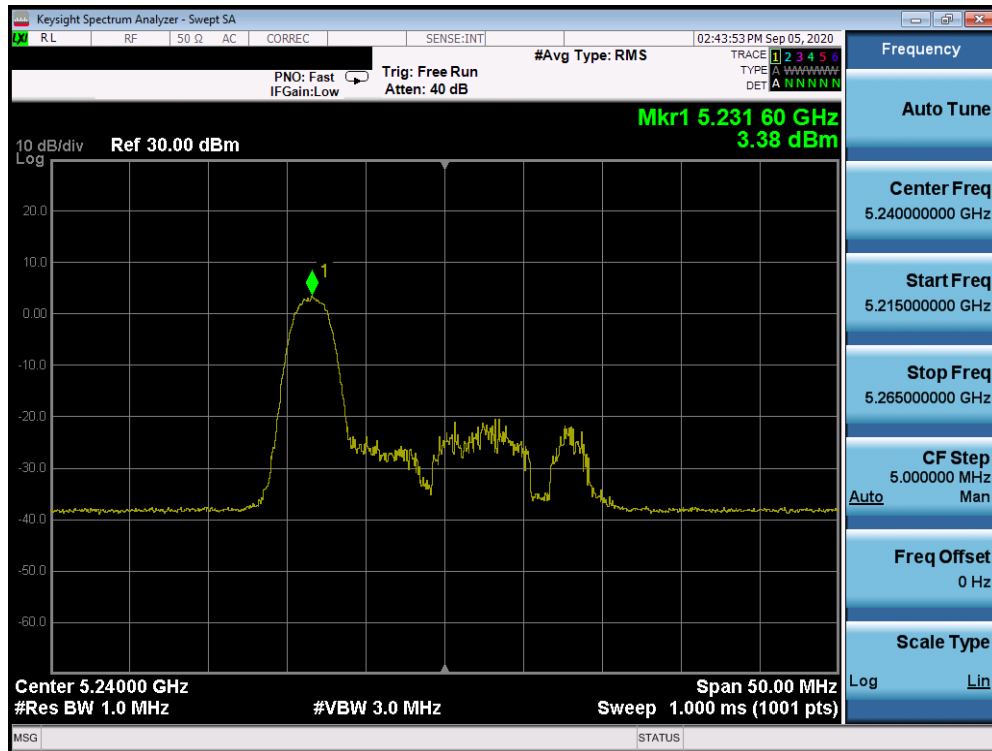


Plot 7-423. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 40)

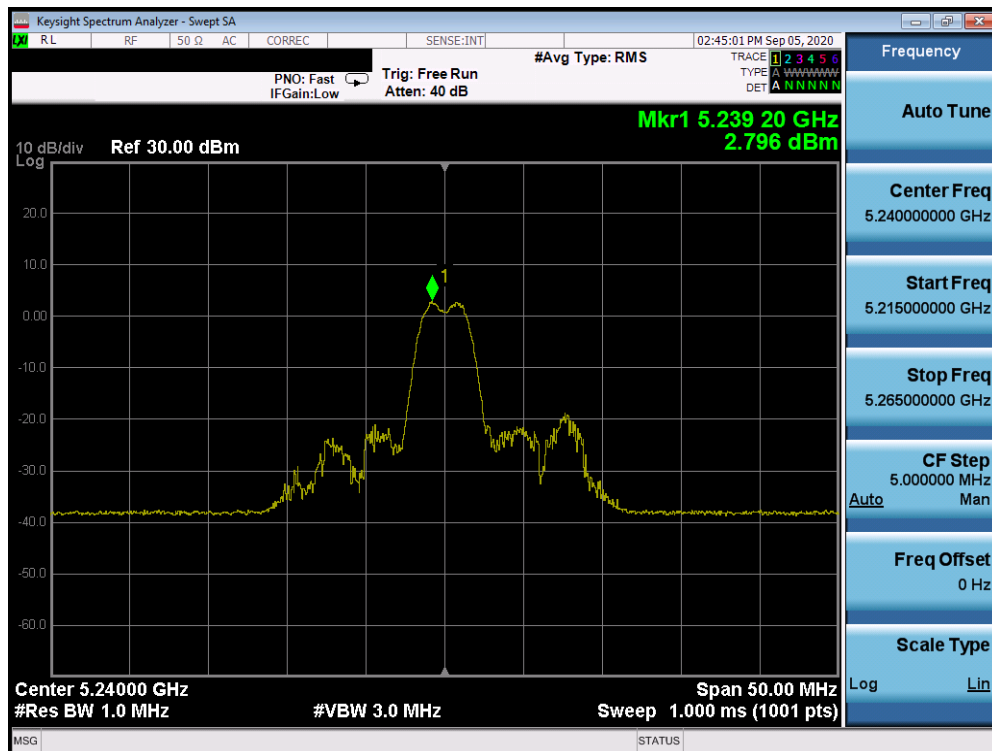


Plot 7-424. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 1) – Ch. 40)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 295 of 958                 |

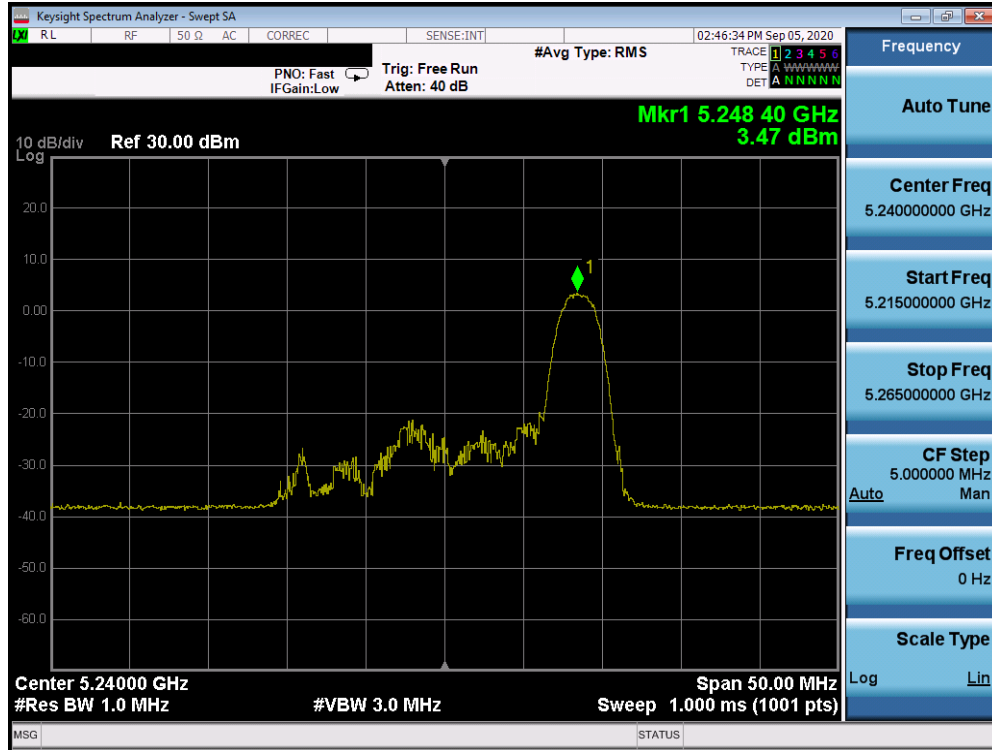


Plot 7-425. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 48)

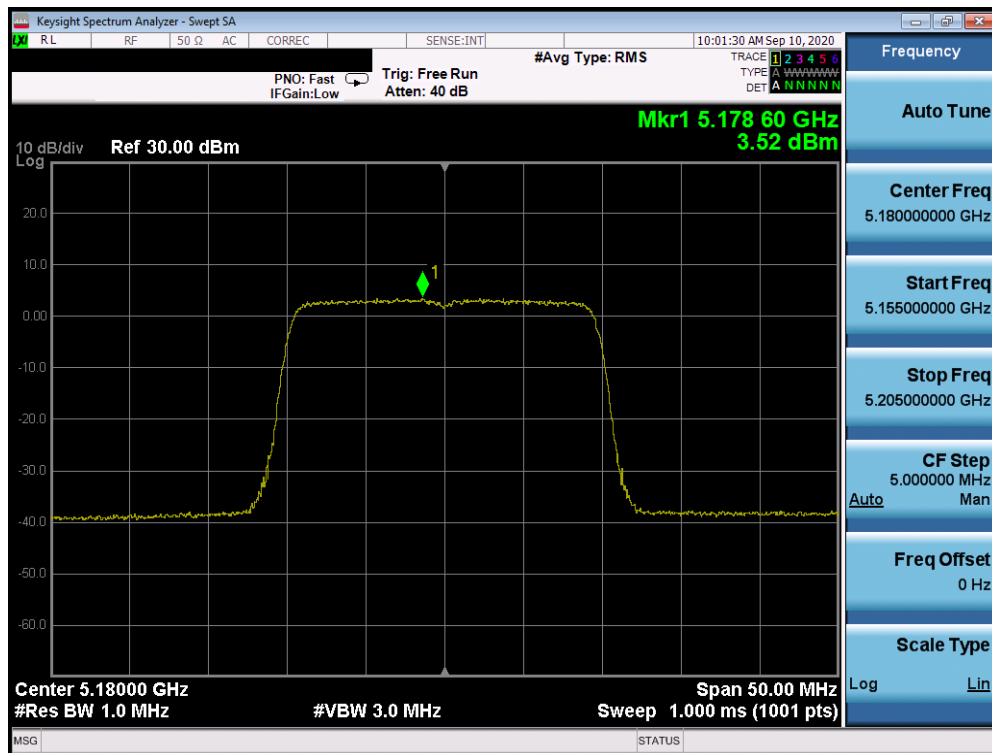


Plot 7-426. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 48)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 296 of 958                 |

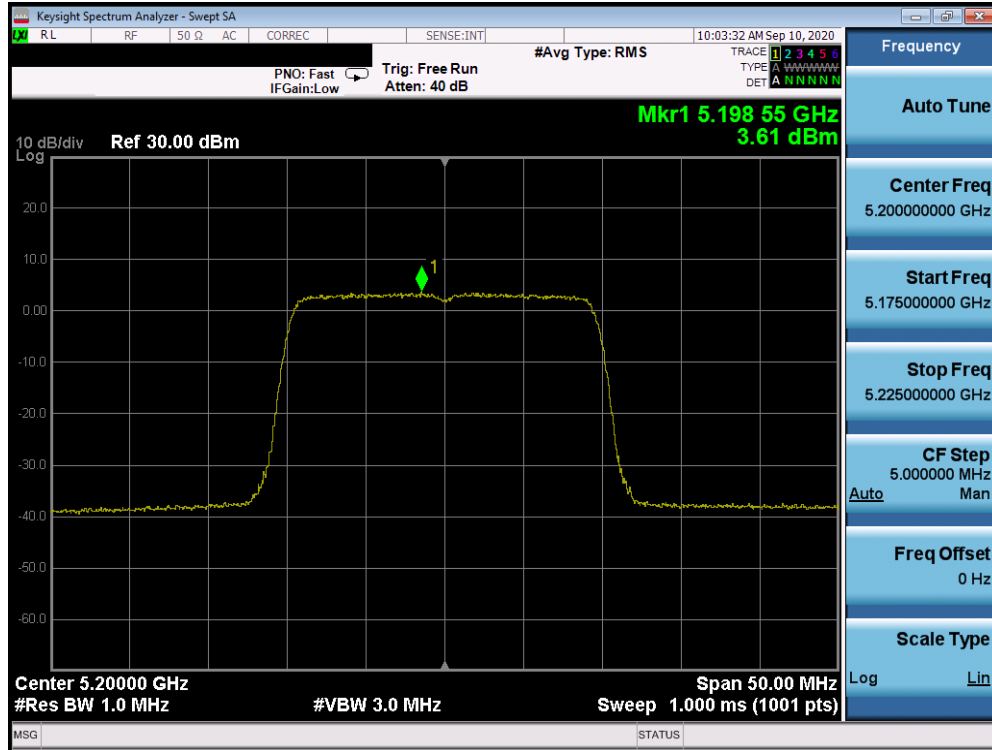


Plot 7-427. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 48)

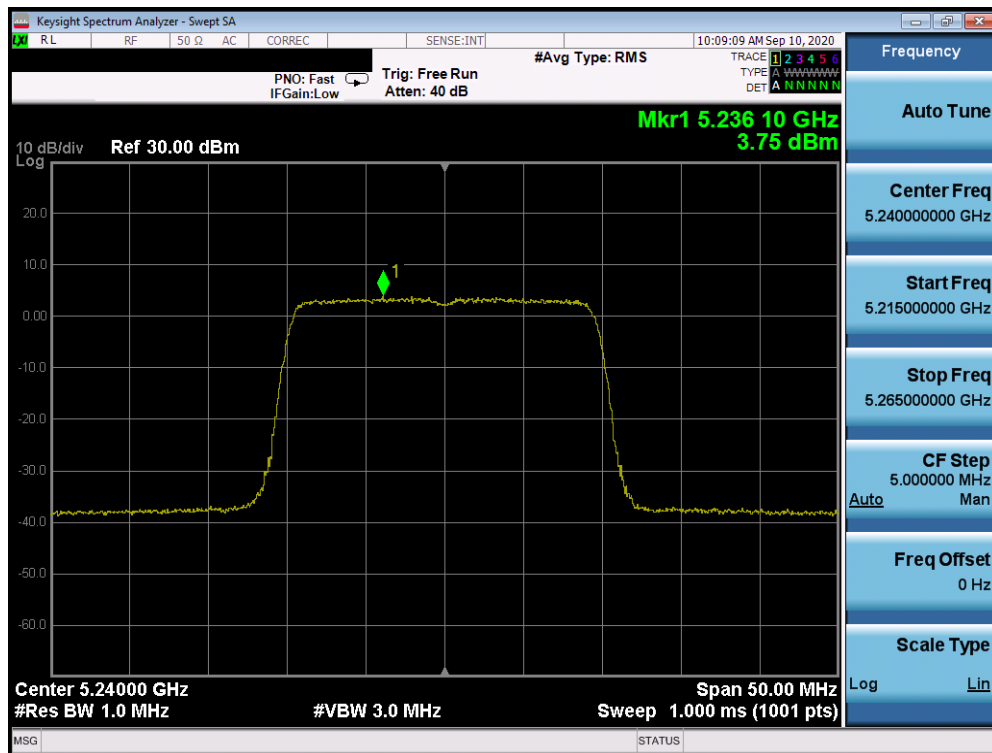


Plot 7-428. ISED Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 36)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 297 of 958                 |

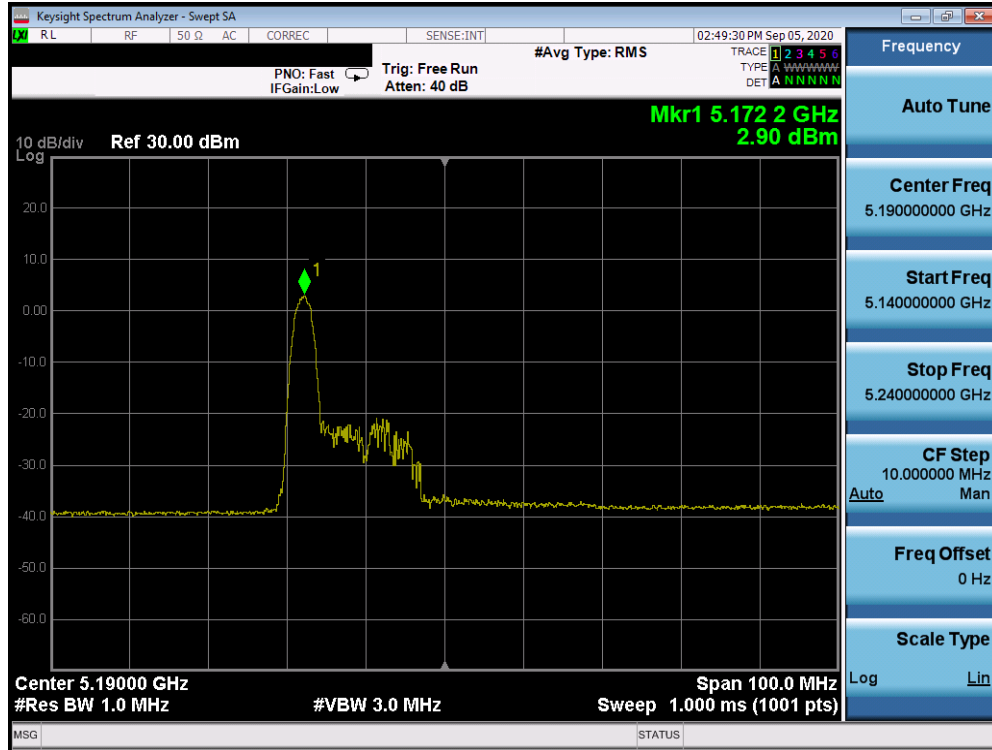


Plot 7-429. ISD Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 40)

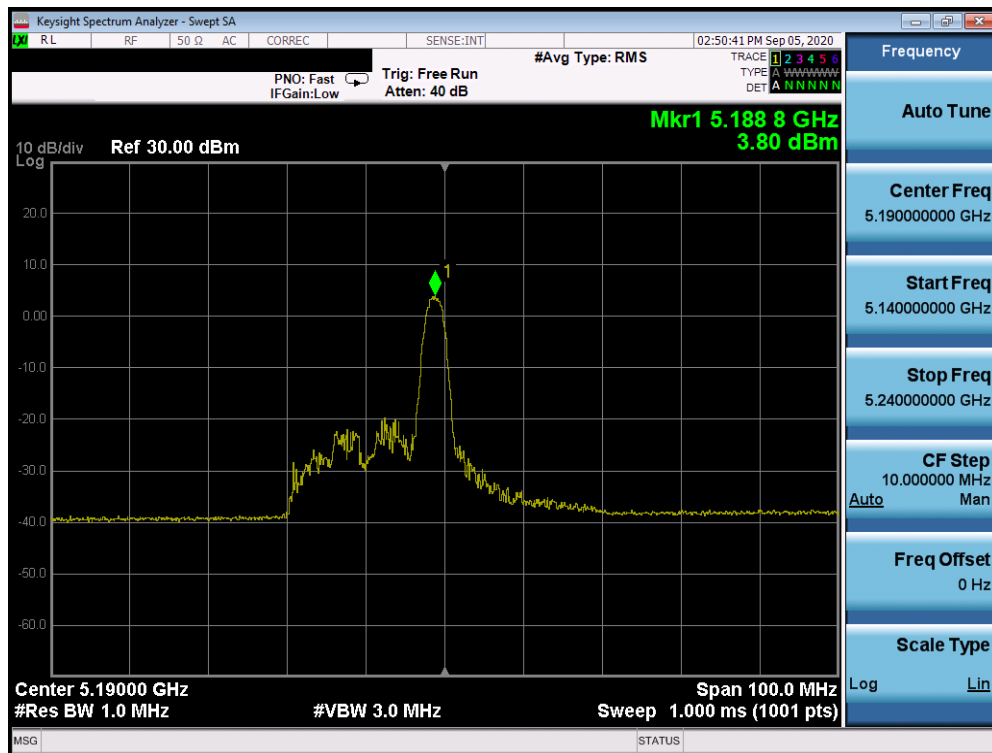


Plot 7-430. ISD Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 48)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 298 of 958                 |

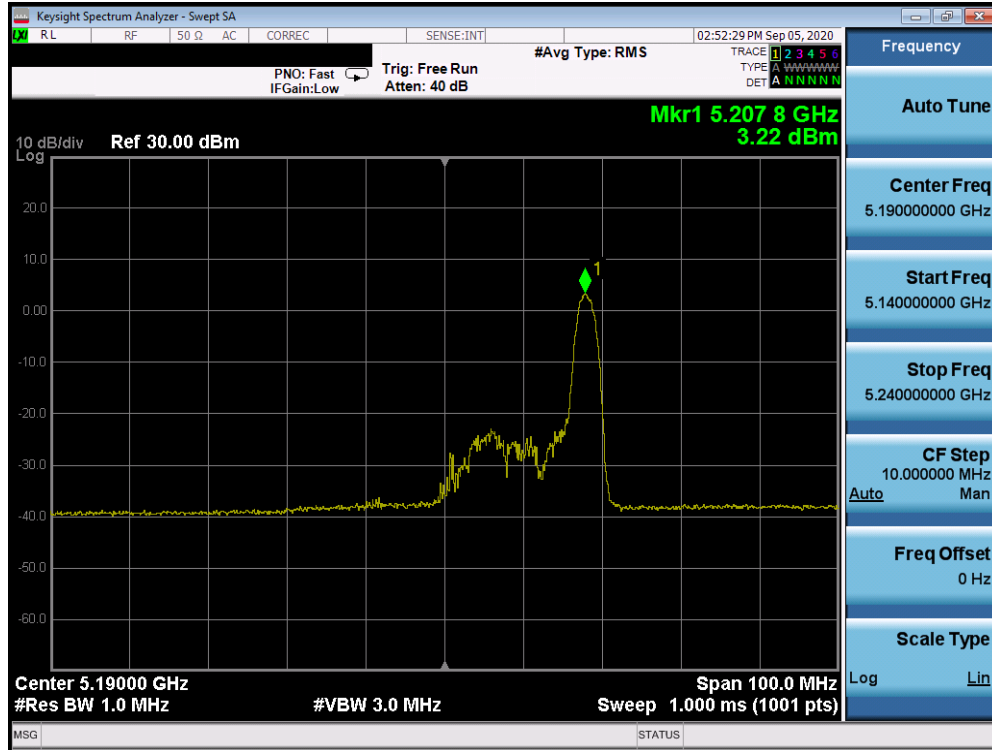


Plot 7-431. ISED Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 38)

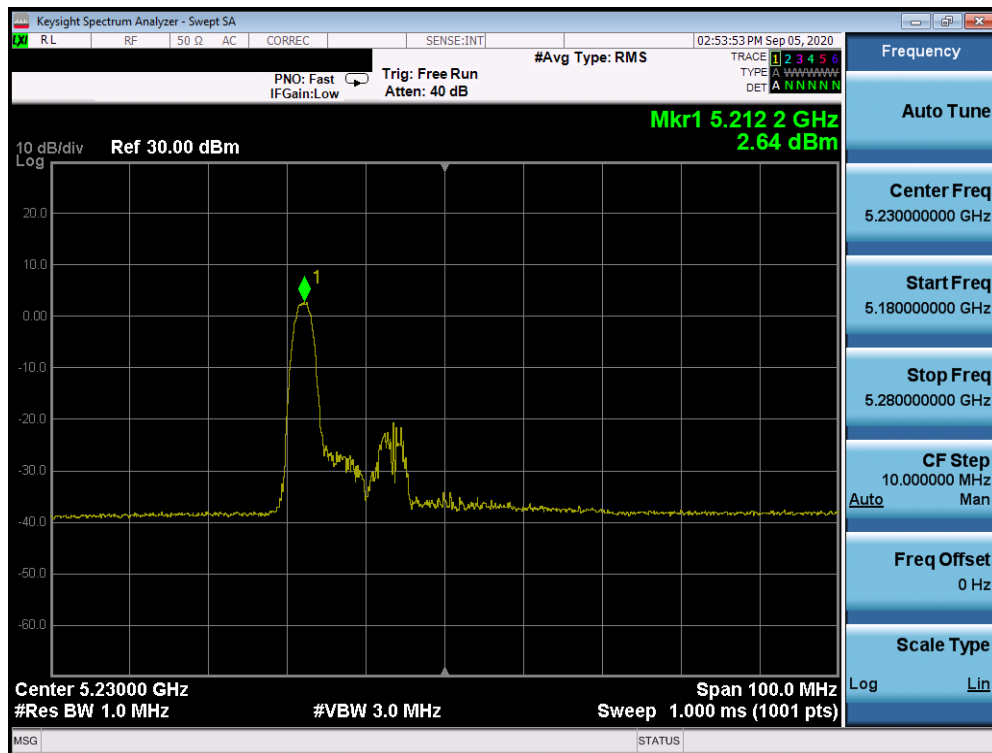


Plot 7-432. ISED Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 38)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 299 of 958                 |

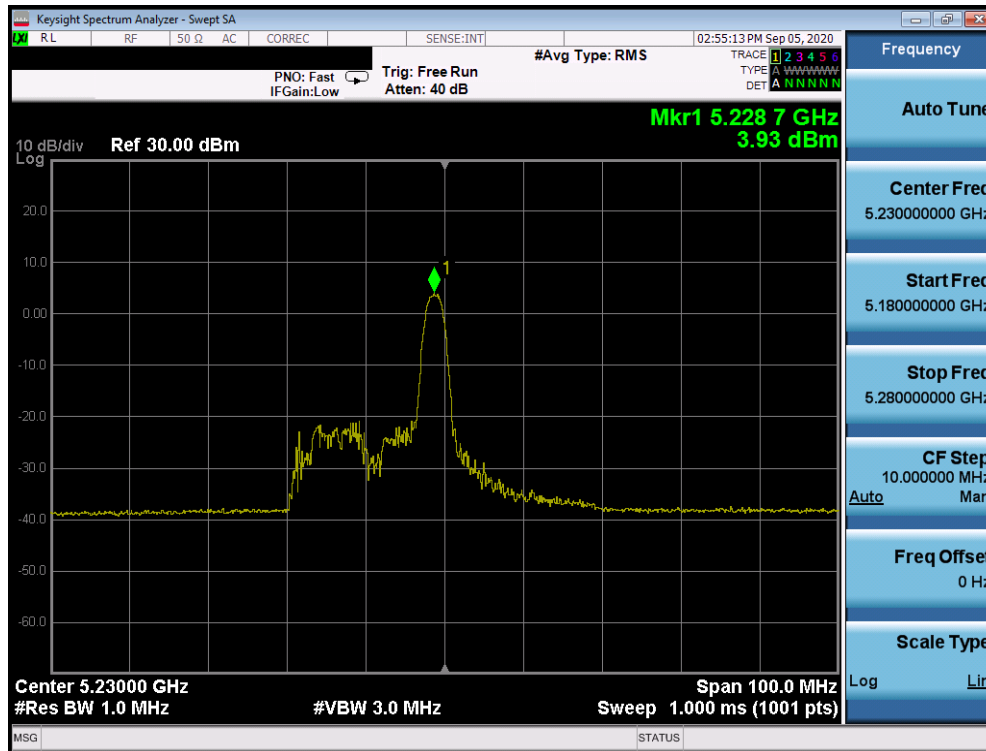


Plot 7-433. ISED Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 38)

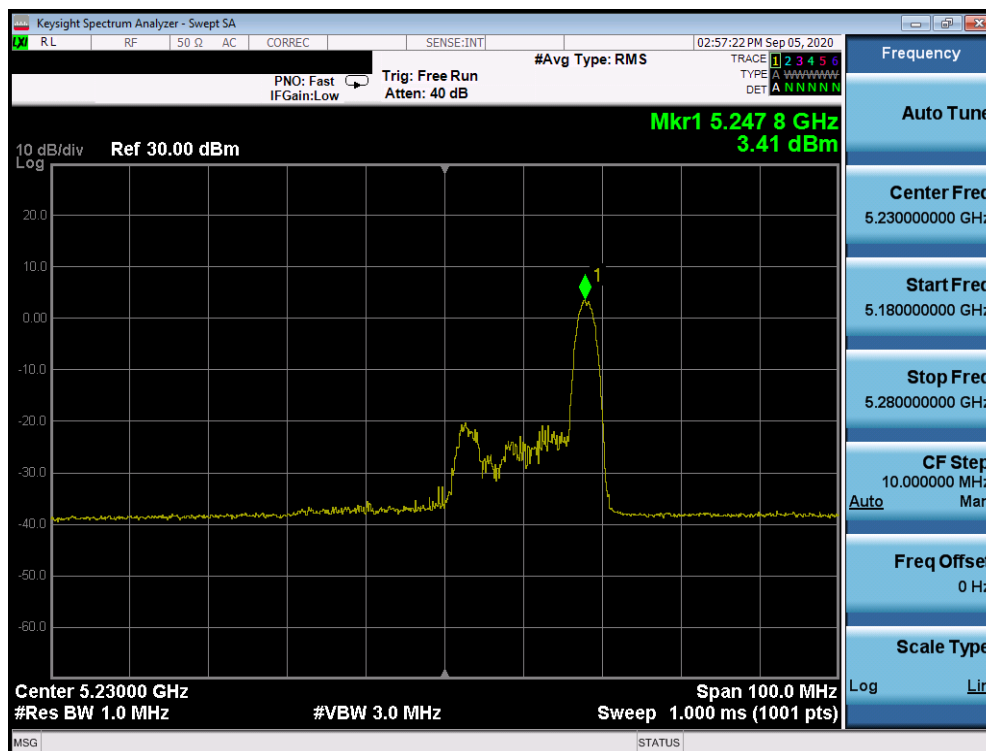


Plot 7-434. ISED Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 46)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 300 of 958                 |

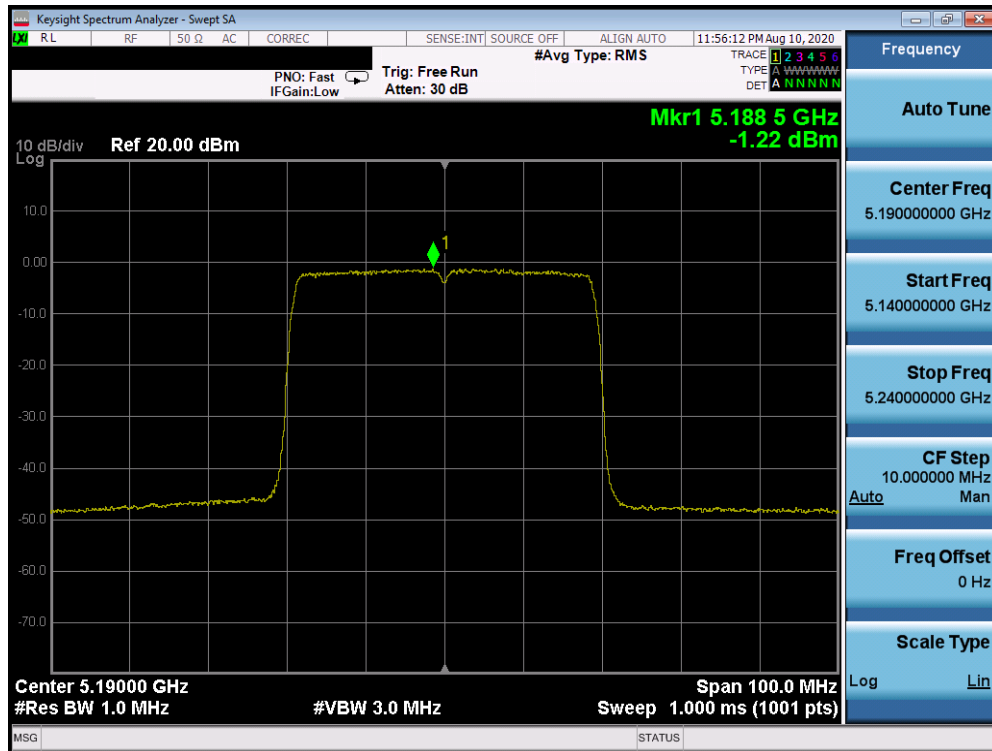


Plot 7-435. ISED Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 46)

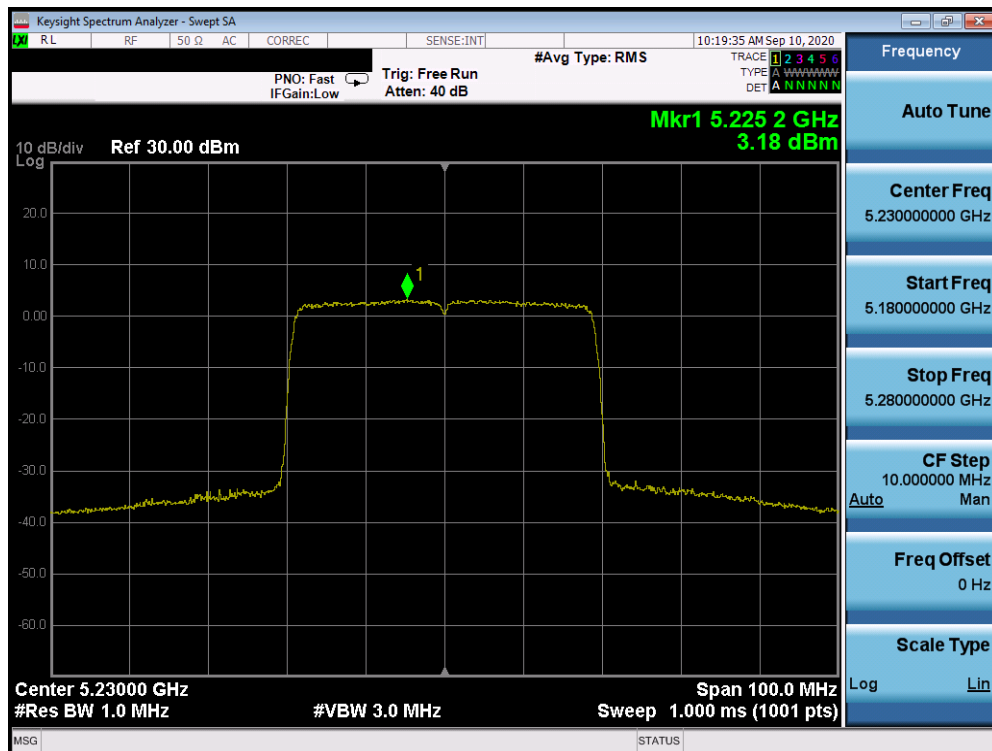


Plot 7-436. ISED Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 46)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 301 of 958                 |

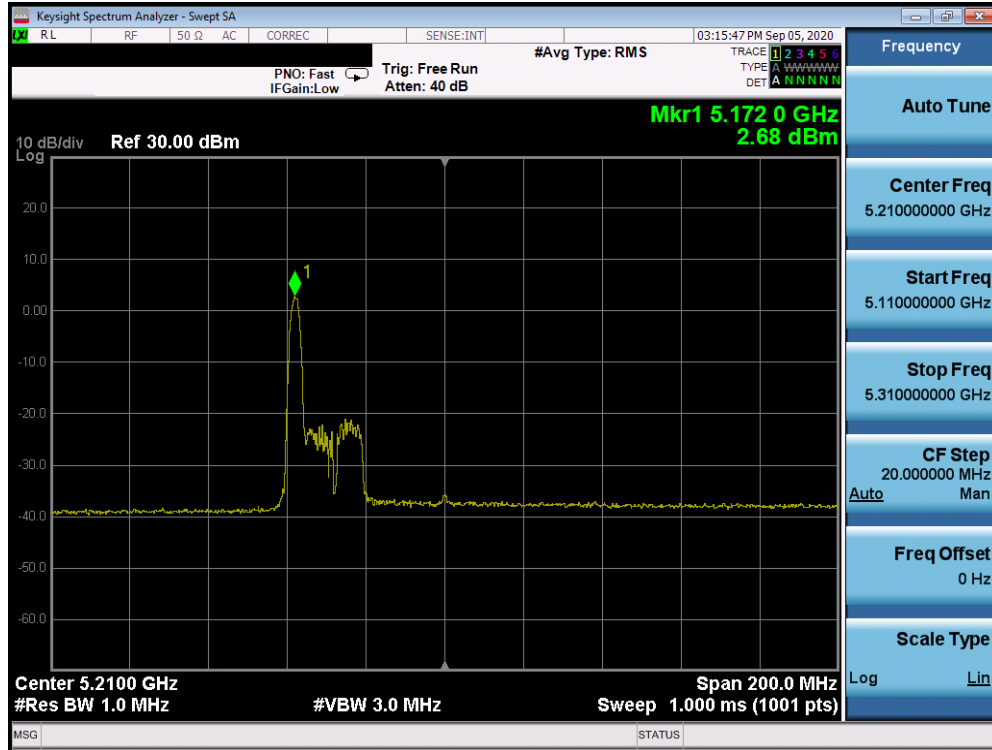


Plot 7-437. ISD Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 38)

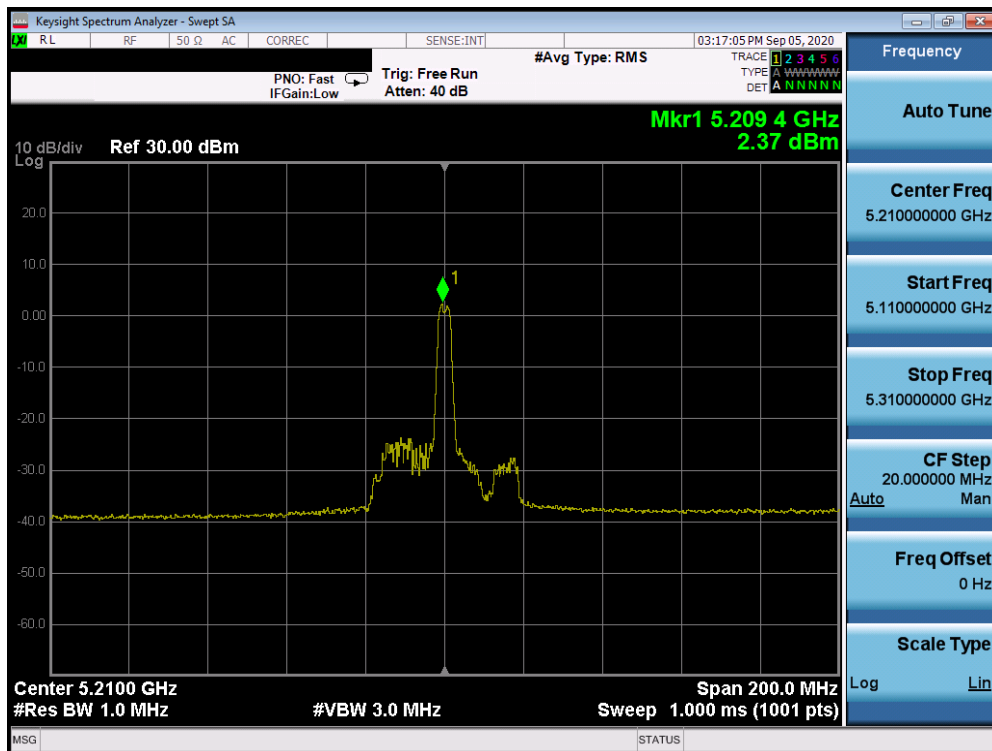


Plot 7-438. ISD Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 46)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 302 of 958                 |

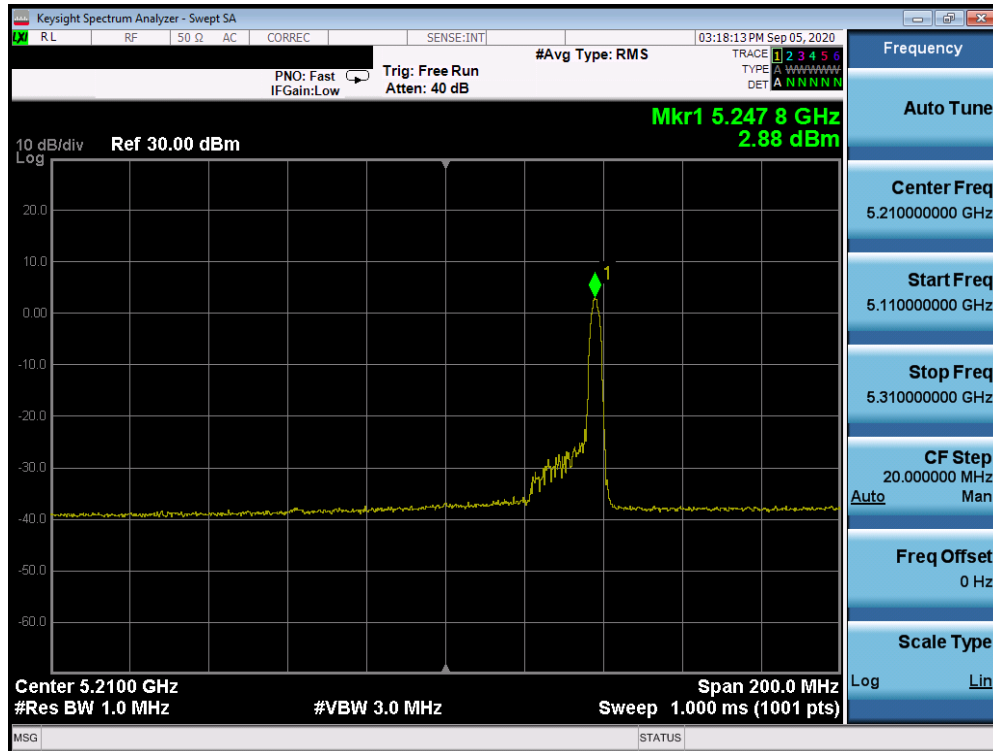


Plot 7-439. ISED Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 42)

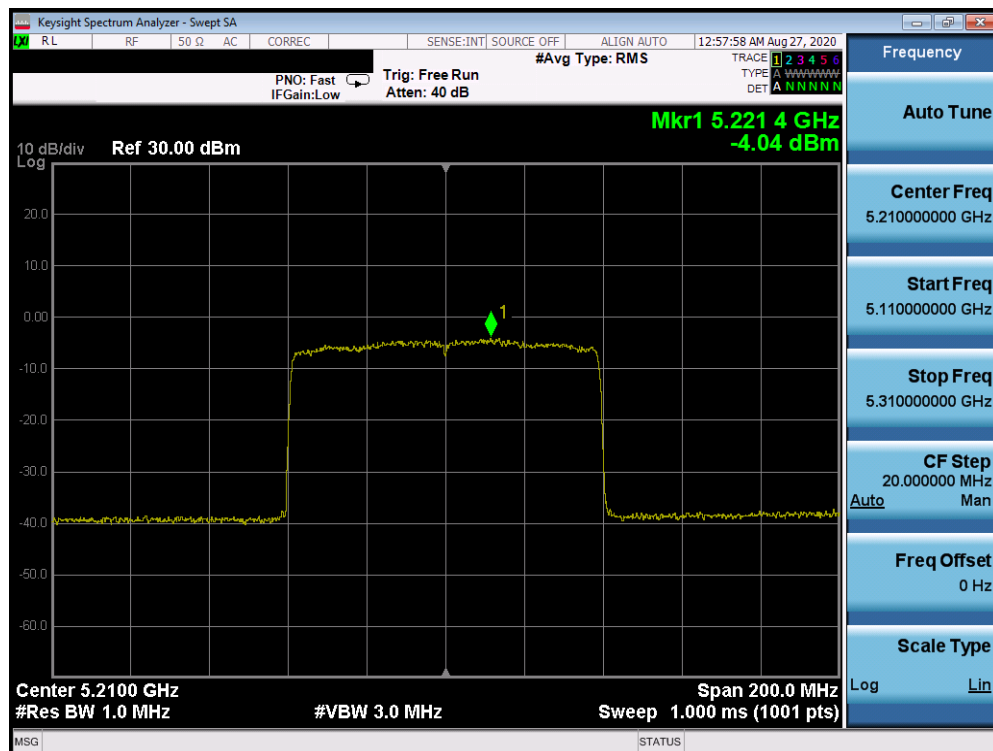


Plot 7-440. ISED Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 1) – Ch. 42)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 303 of 958                 |



Plot 7-441. ISD Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 1) – Ch. 42)



Plot 7-442. ISD Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax – RU996 (UNII Band 1) – Ch. 42)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 304 of 958                 |

## Antenna 2a 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        | 135/143.4 (MCS11) | 8.99                             | 11.0                        | -2.01       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 8.57                             | 11.0                        | -2.43       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 9.21                             | 11.0                        | -1.79       |
|         | 5200            | 40          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 9.46                             | 11.0                        | -1.54       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 8.99                             | 11.0                        | -2.01       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 9.50                             | 11.0                        | -1.50       |
|         | 5240            | 48          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 9.11                             | 11.0                        | -1.89       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 8.76                             | 11.0                        | -2.24       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 9.53                             | 11.0                        | -1.47       |
|         | 5190            | 38          | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 6.34                             | 11.0                        | -4.66       |
|         |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 6.92                             | 11.0                        | -4.08       |
|         |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 6.60                             | 11.0                        | -4.40       |
| Band 2A | 5230            | 46          | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 8.41                             | 11.0                        | -2.59       |
|         |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 9.55                             | 11.0                        | -1.45       |
|         |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 8.96                             | 11.0                        | -2.04       |
|         | 5210            | 42          | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 8.24                             | 11.0                        | -2.76       |
|         |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 7.44                             | 11.0                        | -3.56       |
|         |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 8.47                             | 11.0                        | -2.53       |
|         | 5260            | 52          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 9.26                             | 11.0                        | -1.74       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 8.86                             | 11.0                        | -2.14       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 9.25                             | 11.0                        | -1.75       |
|         | 5280            | 56          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 9.08                             | 11.0                        | -1.92       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 8.44                             | 11.0                        | -2.56       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 9.16                             | 11.0                        | -1.84       |
|         | 5320            | 64          | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 8.86                             | 11.0                        | -2.14       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 8.17                             | 11.0                        | -2.83       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 8.58                             | 11.0                        | -2.42       |
|         | 5270            | 54          | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 6.08                             | 11.0                        | -4.92       |
|         |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 7.14                             | 11.0                        | -3.86       |
|         |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 6.24                             | 11.0                        | -4.76       |
|         | 5310            | 62          | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 6.24                             | 11.0                        | -4.76       |
|         |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 7.20                             | 11.0                        | -3.80       |
|         |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 6.38                             | 11.0                        | -4.62       |
|         | 5290            | 58          | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 7.85                             | 11.0                        | -3.15       |
|         |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 7.67                             | 11.0                        | -3.33       |
|         |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 7.92                             | 11.0                        | -3.08       |
| Band 2C | 5500            | 100         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 9.10                             | 11.0                        | -1.90       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 9.10                             | 11.0                        | -1.90       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 9.04                             | 11.0                        | -1.96       |
|         | 5580            | 116         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 8.53                             | 11.0                        | -2.47       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 8.12                             | 11.0                        | -2.88       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 8.50                             | 11.0                        | -2.50       |
|         | 5720            | 144         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 8.15                             | 11.0                        | -2.85       |
|         |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 7.34                             | 11.0                        | -3.66       |
|         |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 7.86                             | 11.0                        | -3.14       |
|         | 5510            | 102         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 5.65                             | 11.0                        | -5.35       |
|         |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 6.30                             | 11.0                        | -4.70       |
|         |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 5.66                             | 11.0                        | -5.34       |
|         | 5550            | 110         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 5.81                             | 11.0                        | -5.19       |
|         |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 6.41                             | 11.0                        | -4.59       |
|         |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 5.66                             | 11.0                        | -5.34       |
|         | 5710            | 142         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 5.42                             | 11.0                        | -5.58       |
|         |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 5.89                             | 11.0                        | -5.11       |
|         |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 5.11                             | 11.0                        | -5.89       |
|         | 5530            | 106         | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 7.35                             | 11.0                        | -3.65       |
|         |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 7.01                             | 11.0                        | -3.99       |
|         |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 7.34                             | 11.0                        | -3.66       |
|         | 5690            | 138         | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 2.70                             | 11.0                        | -8.30       |
|         |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 2.81                             | 11.0                        | -8.19       |
|         |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 2.28                             | 11.0                        | -8.72       |

Table 7-110. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2a (RU26)

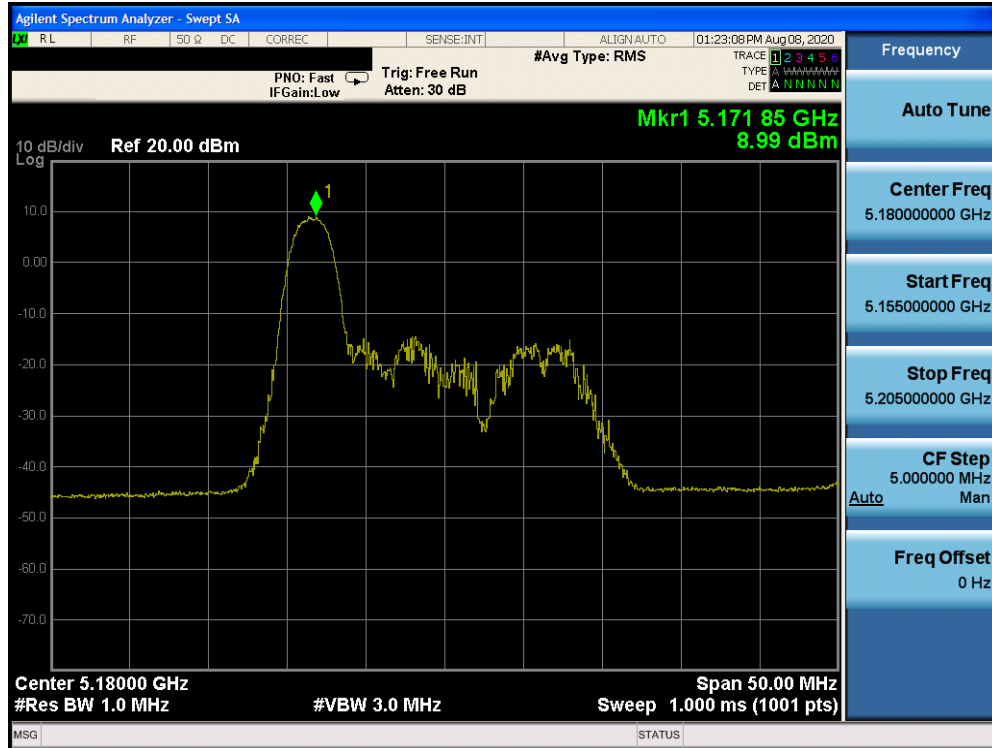
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                              | EUT Type:<br>Tablet Device            | Page 305 of 958                 |

|         | 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)  | 242     | 61       | 135/143.4 (MCS11) | 2.35                             | 11.0                        | -8.65       |
|         | 5200            | 40          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 7.55                             | 11.0                        | -3.45       |
|         | 5240            | 48          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 7.39                             | 11.0                        | -3.61       |
|         | 5190            | 38          | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | -2.80                            | 11.0                        | -13.80      |
|         | 5230            | 46          | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 5.65                             | 11.0                        | -5.35       |
|         | 5210            | 42          | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | -5.87                            | 11.0                        | -16.87      |
| Band 2A | 5260            | 52          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 7.59                             | 11.0                        | -3.41       |
|         | 5280            | 56          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 7.34                             | 11.0                        | -3.66       |
|         | 5320            | 64          | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 3.94                             | 11.0                        | -7.06       |
|         | 5270            | 54          | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 5.73                             | 11.0                        | -5.27       |
|         | 5310            | 62          | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | -2.07                            | 11.0                        | -13.07      |
|         | 5290            | 58          | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | -6.05                            | 11.0                        | -17.05      |
| Band 2C | 5500            | 100         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 3.47                             | 11.0                        | -7.53       |
|         | 5580            | 116         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 7.04                             | 11.0                        | -3.96       |
|         | 5720            | 144         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 7.31                             | 11.0                        | -3.69       |
|         | 5510            | 102         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | -2.83                            | 11.0                        | -13.83      |
|         | 5550            | 110         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 1.62                             | 11.0                        | -9.38       |
|         | *5590           | 118         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 3.62                             | 11.0                        | -7.38       |
|         | 5710            | 142         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 5.10                             | 11.0                        | -5.90       |
|         | 5530            | 106         | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | -6.92                            | 11.0                        | -17.92      |
|         | *5610           | 122         | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | -3.08                            | 11.0                        | -14.08      |
|         | 5690            | 138         | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | 0.58                             | 11.0                        | -10.42      |

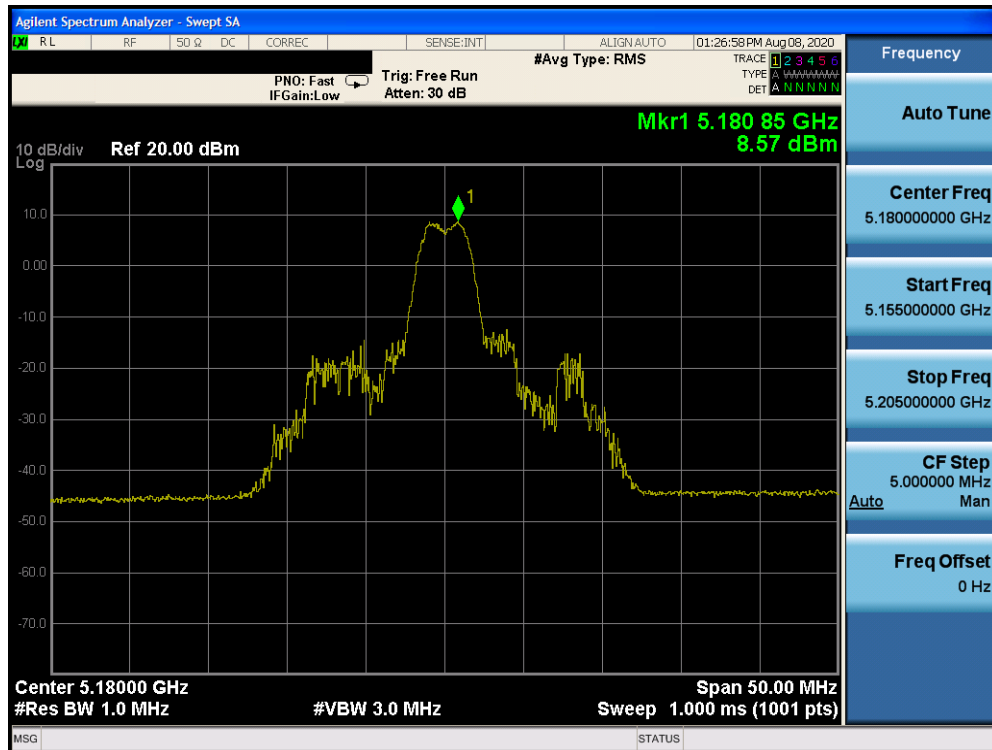
**Table 7-111. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2a (Fully-loaded RU)**

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

|                                                   |                                                                                                                                                                                                              |                                               |                                        |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------|
| FCC ID: BCGA2324                                  |  <b>PCTEST</b><br>Proud to be part of  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2004270029-13-R1.BCG | <b>Test Dates:</b><br>07/16/2020 - 09/09/2020                                                                                                                                                                | <b>EUT Type:</b><br>Tablet Device             | Page 306 of 958                        |

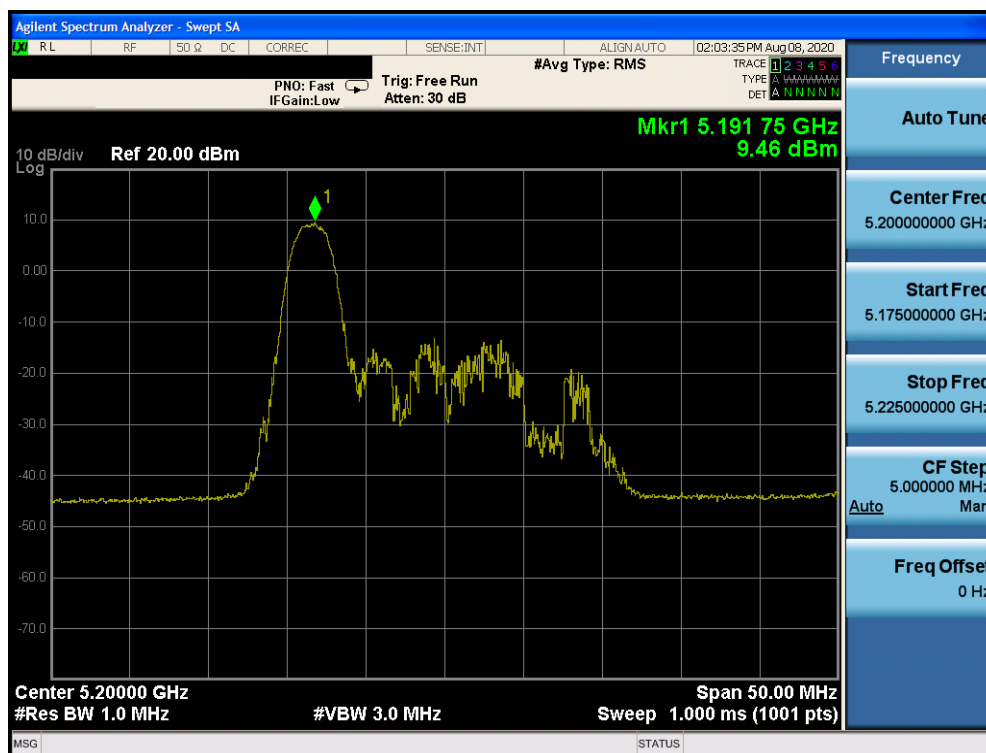
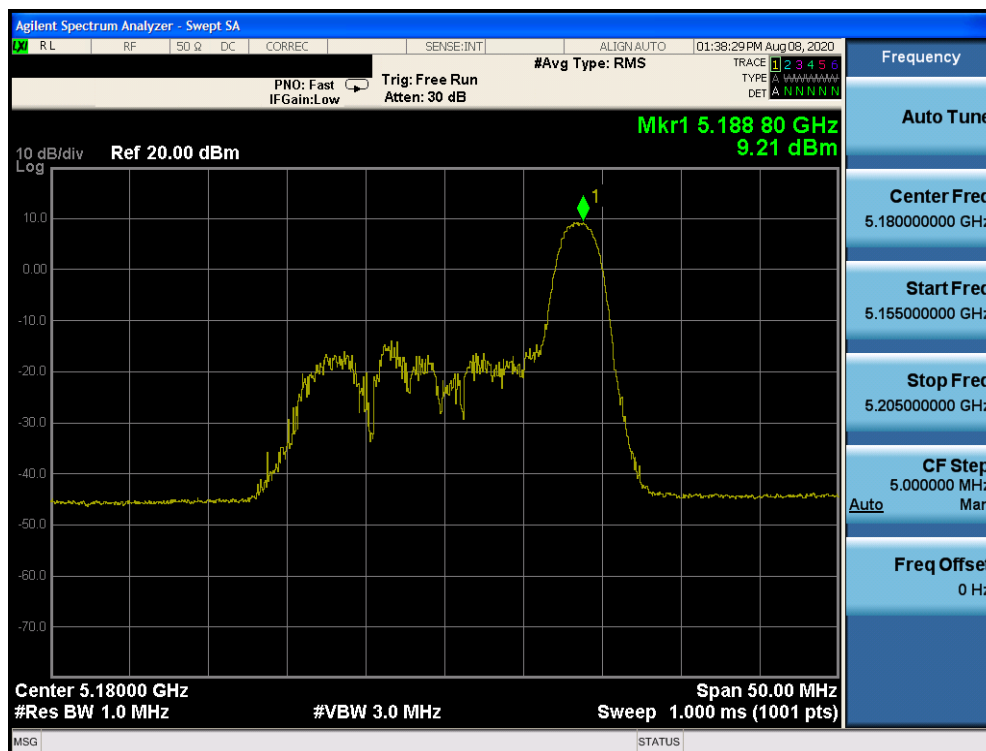


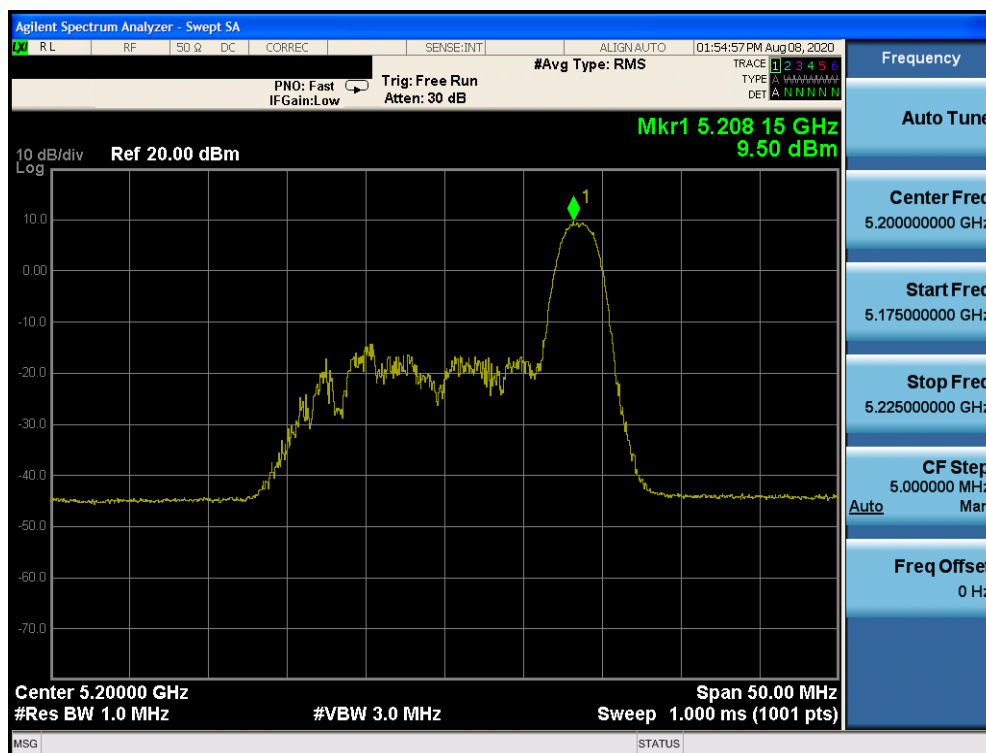
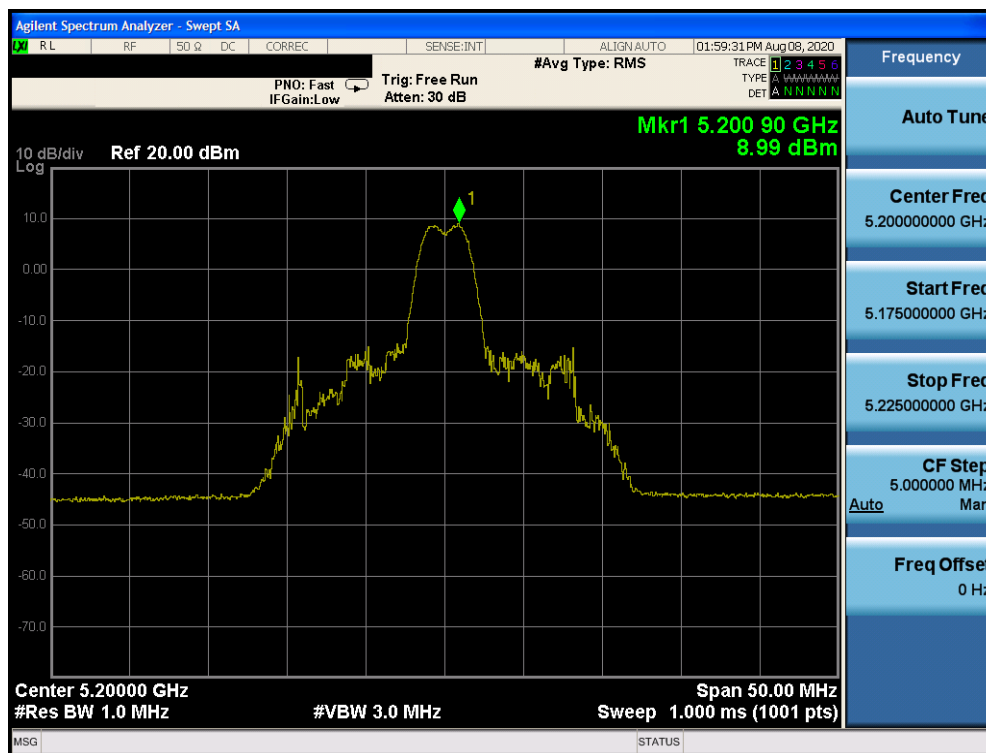
Plot 7-443. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 36)

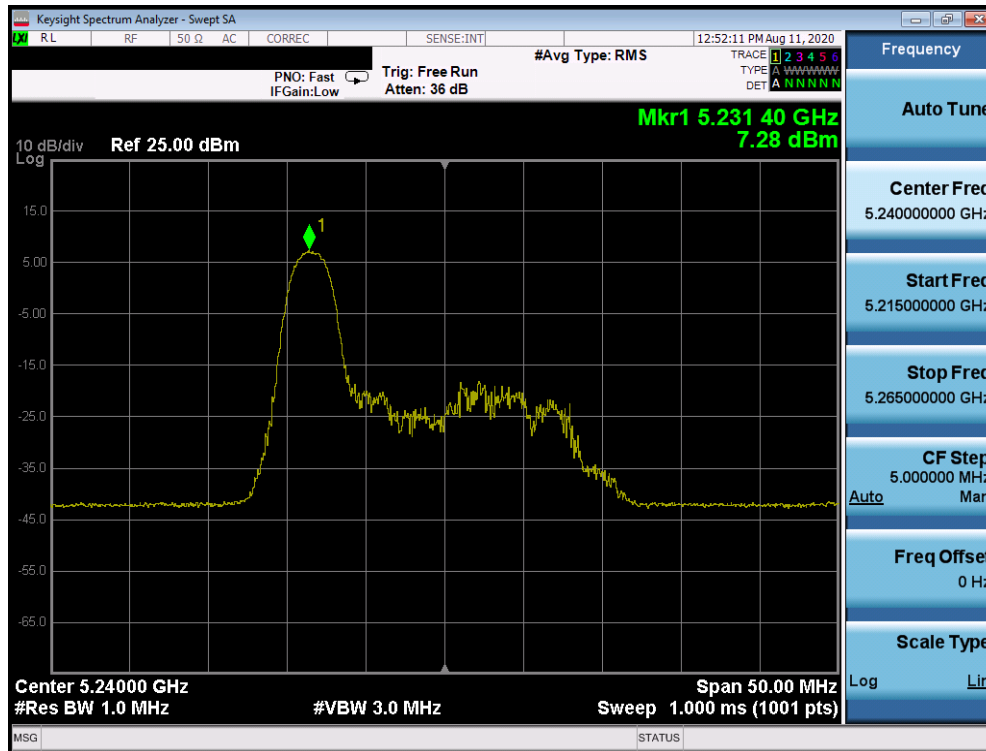


Plot 7-444. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 36)

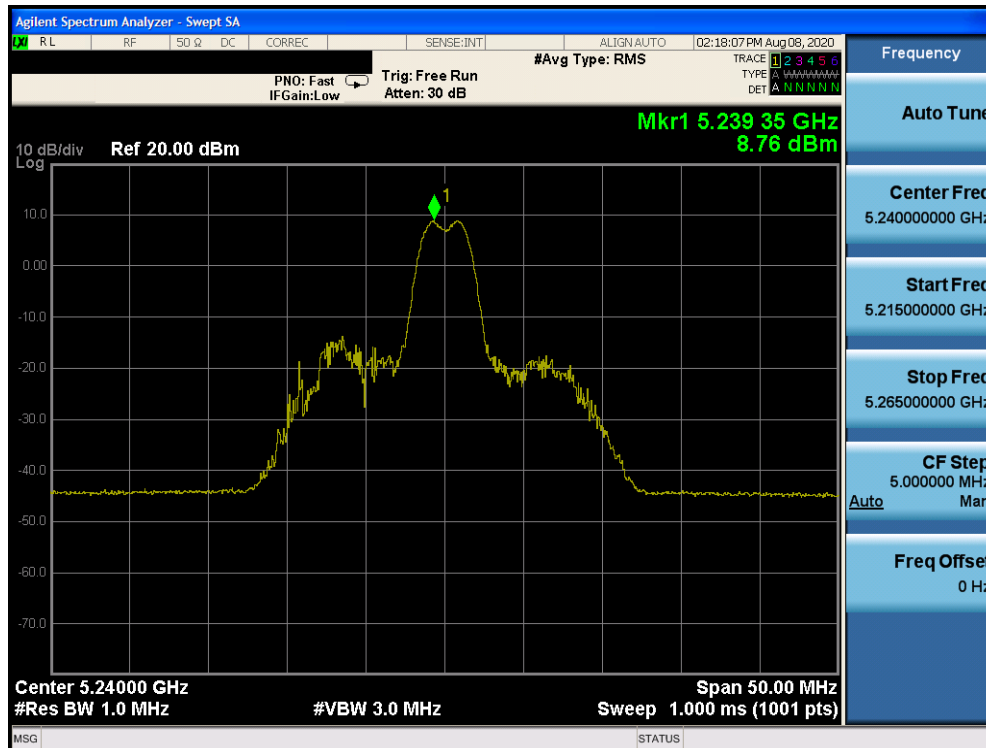
|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 307 of 958                 |





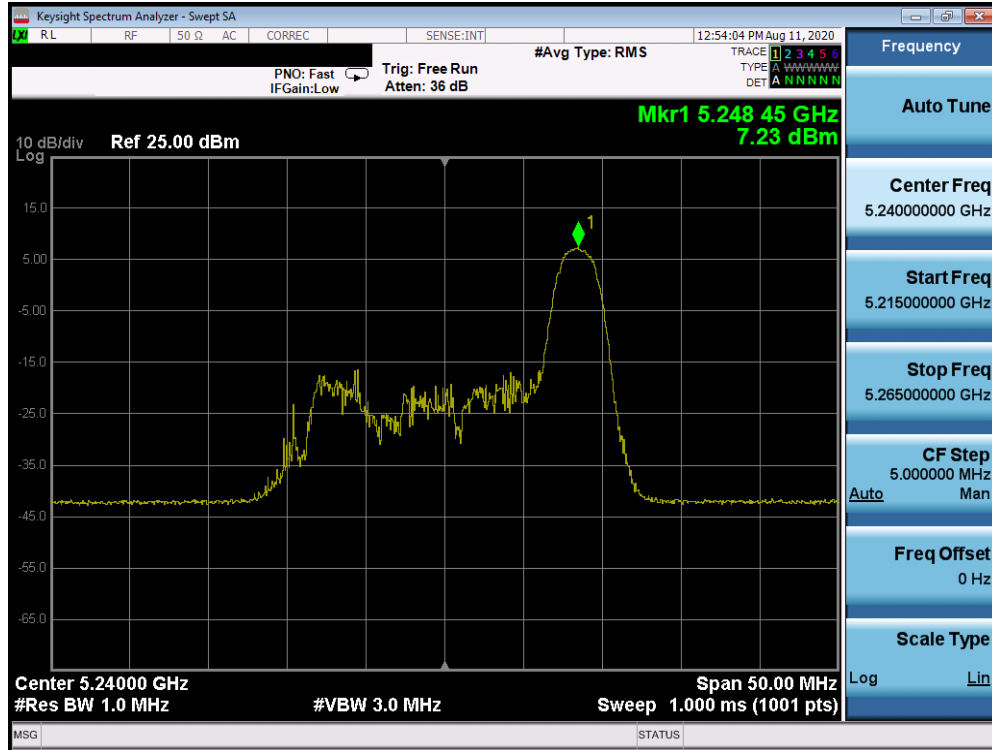


Plot 7-449. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 48)

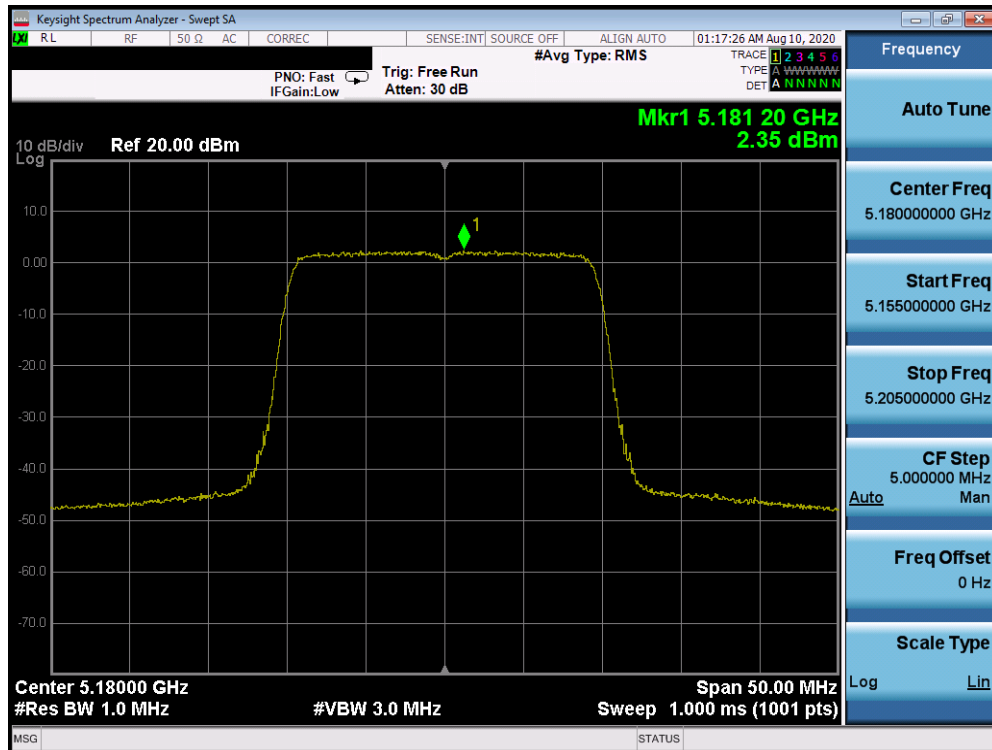


Plot 7-450. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 48)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 310 of 958                 |

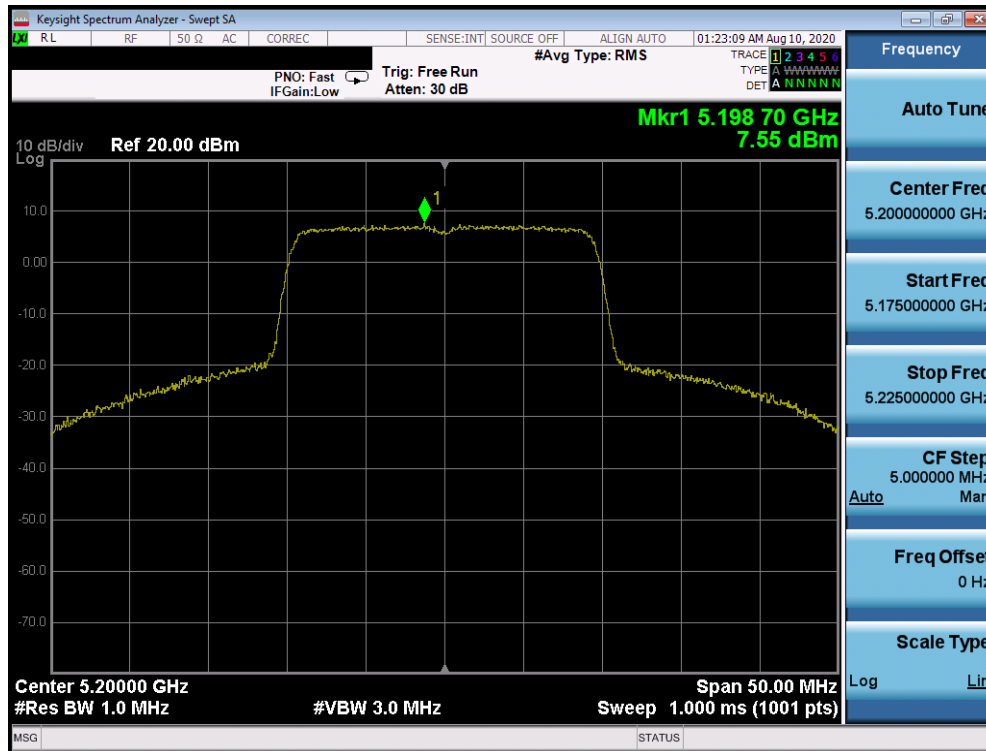


Plot 7-451. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 48)

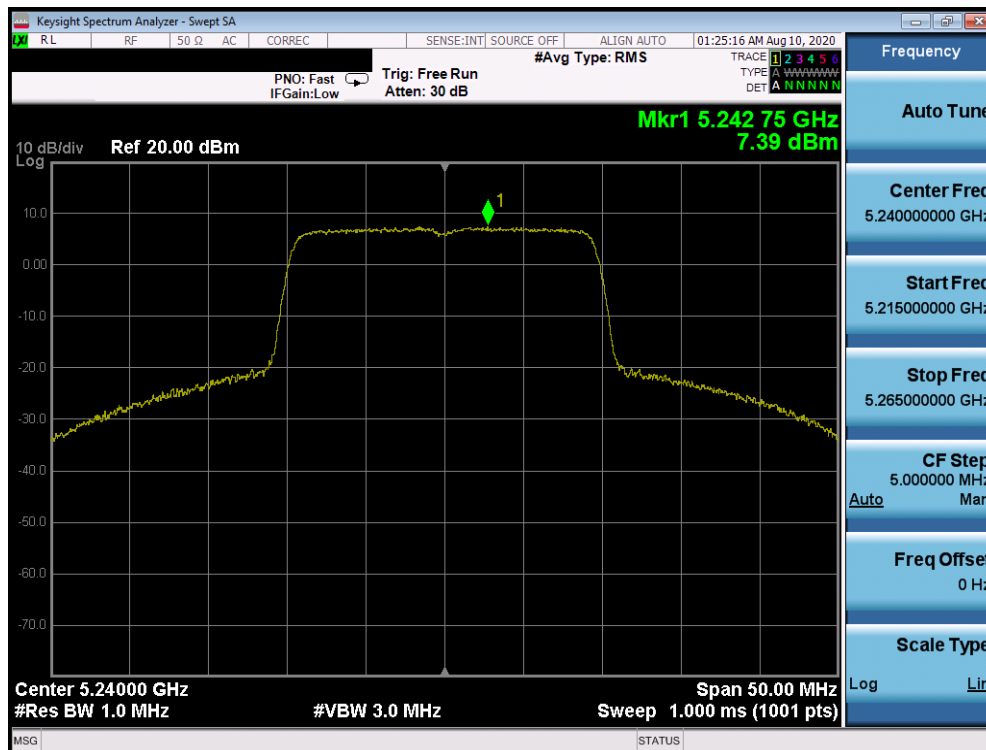


Plot 7-452. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 36)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 311 of 958                 |

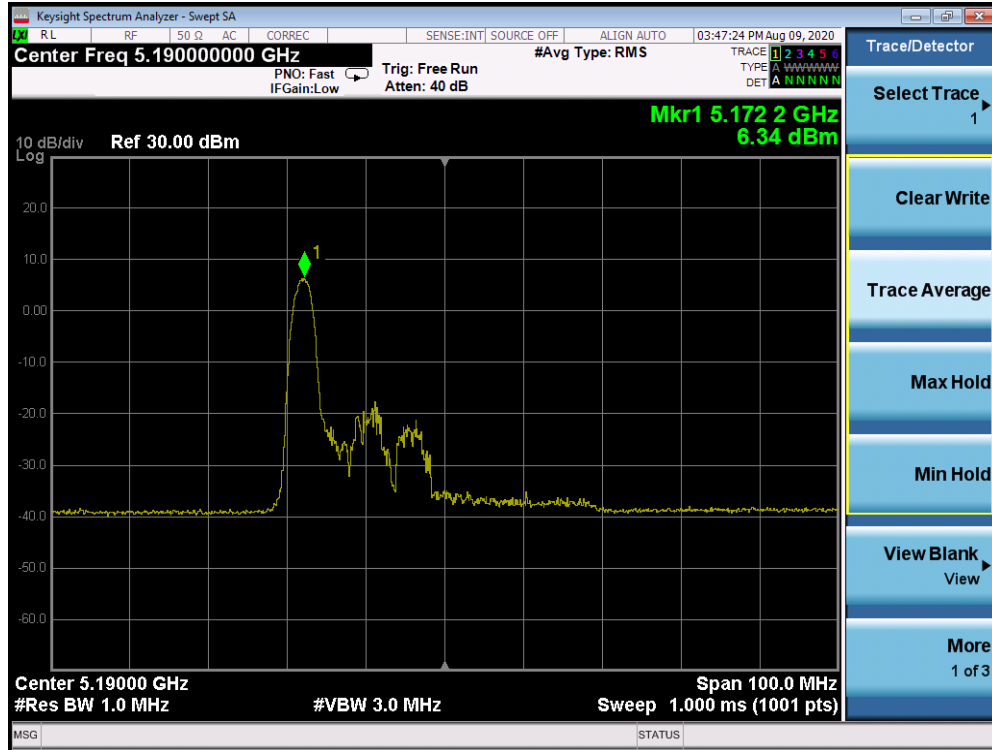


Plot 7-453. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 40)

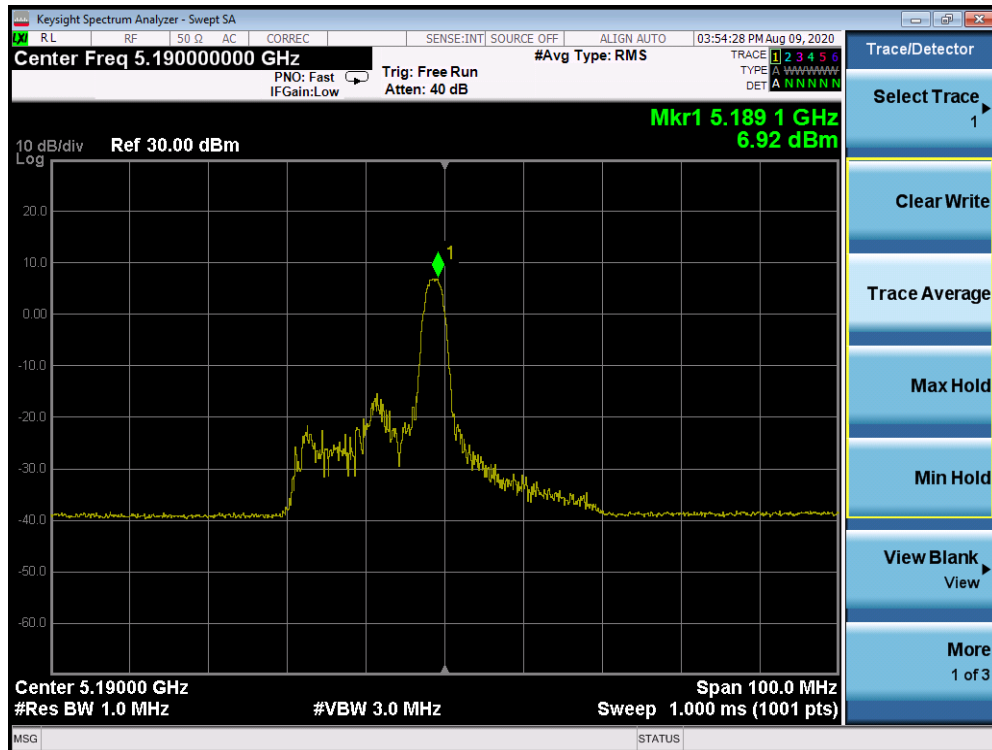


Plot 7-454. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 48)

|                                            |                                               |                                       |                                 |
|--------------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of  element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020        | EUT Type:<br>Tablet Device            | Page 312 of 958                 |

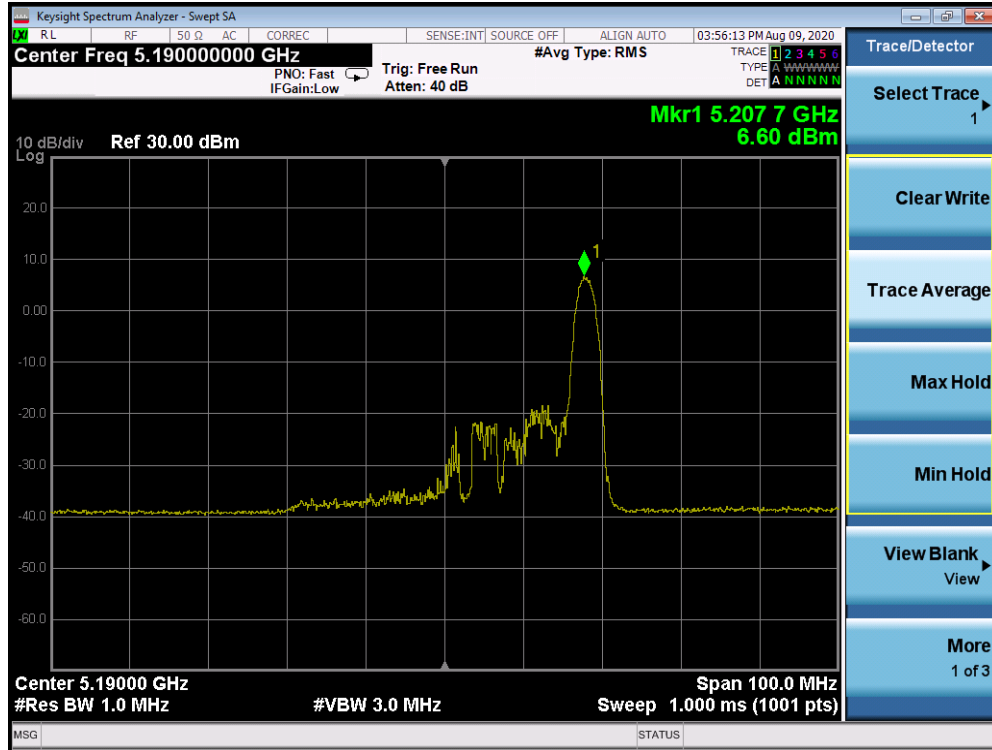


Plot 7-455. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 38)

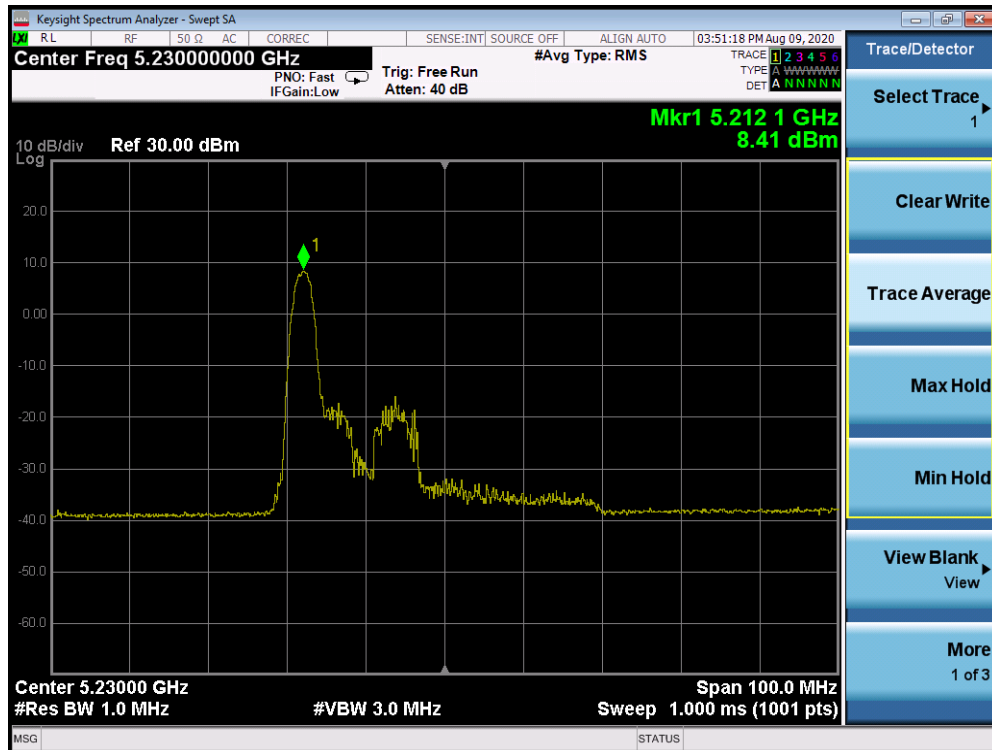


Plot 7-456. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 38)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 313 of 958                 |

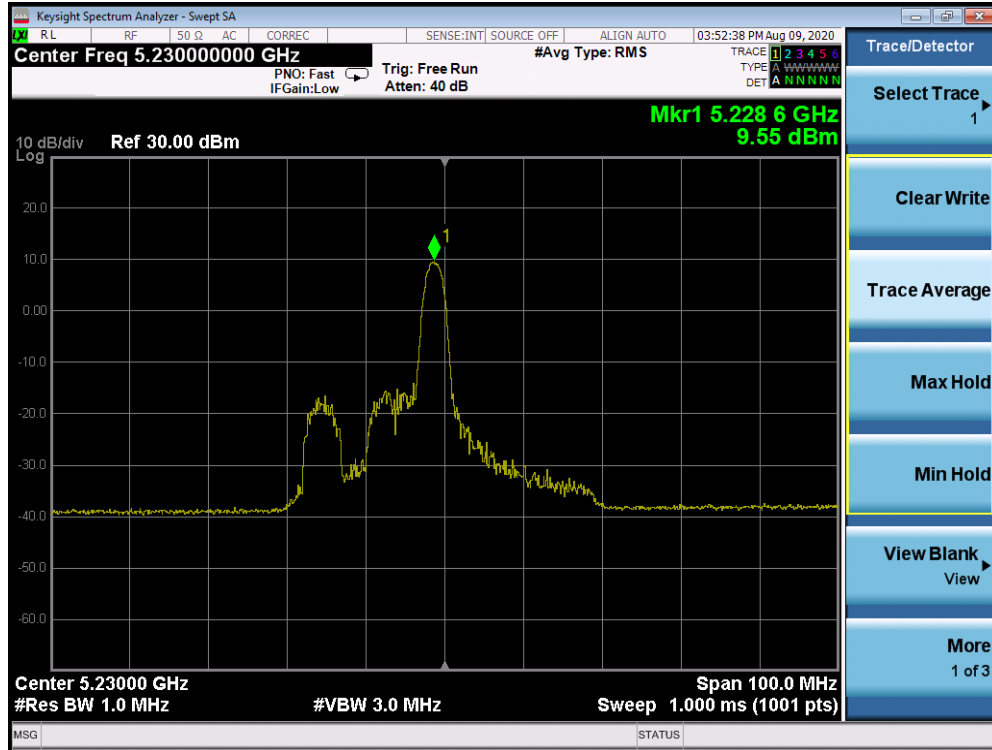


Plot 7-457. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 38)

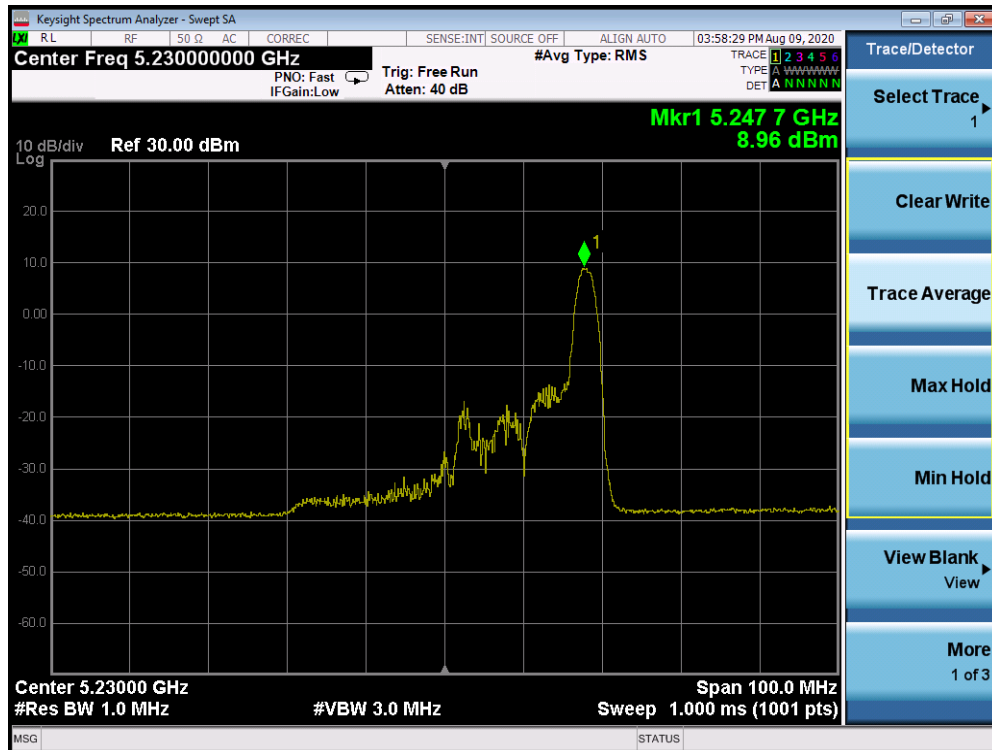


Plot 7-458. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 46)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 314 of 958                 |

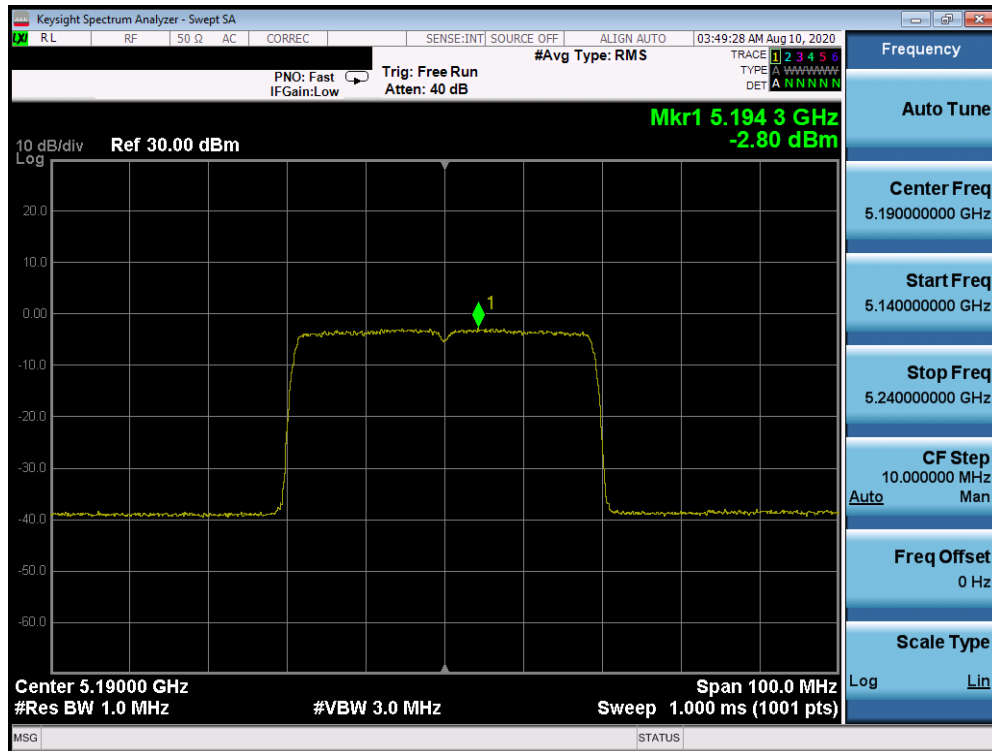


Plot 7-459. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 46)

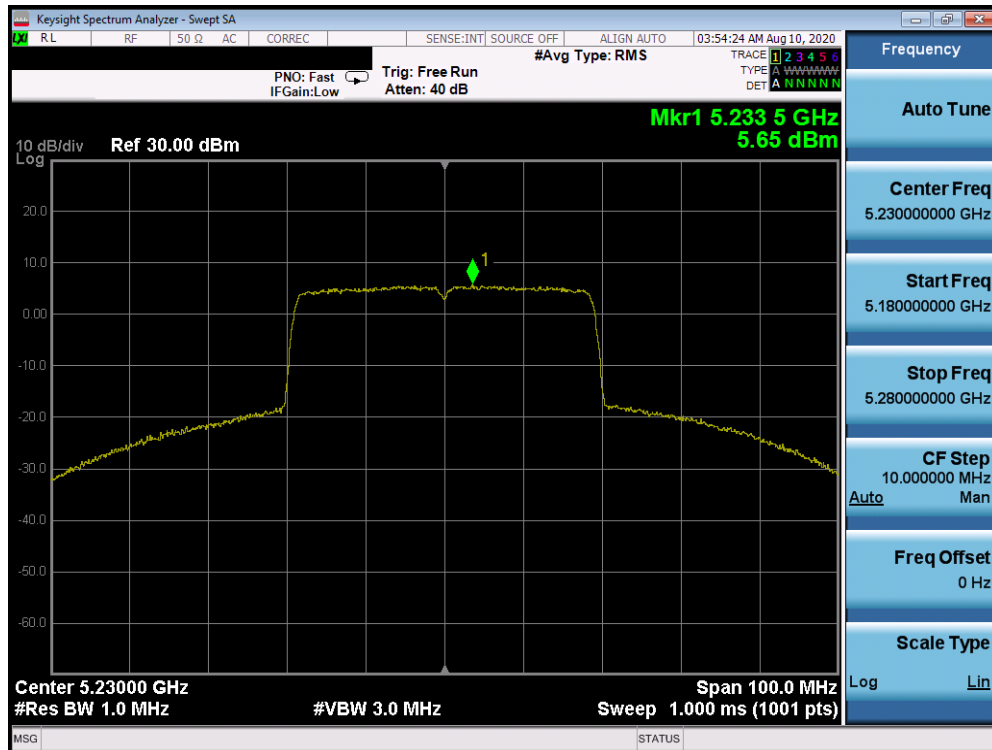


Plot 7-460. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 46)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 315 of 958                 |

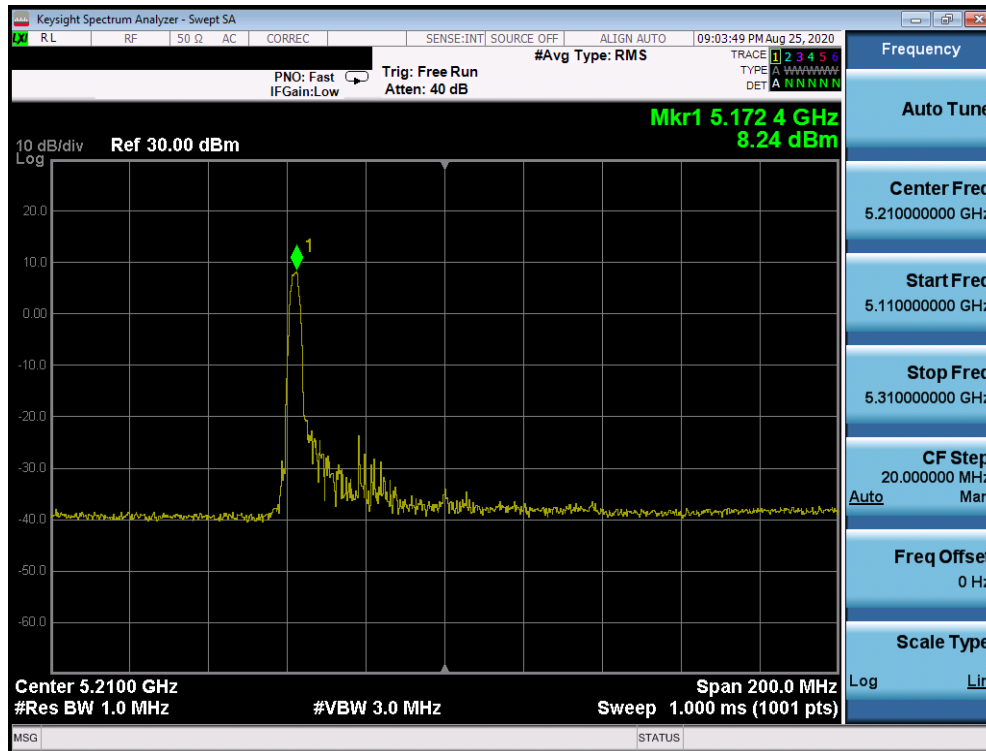


Plot 7-461. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 38)



Plot 7-462. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 46)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 316 of 958                 |

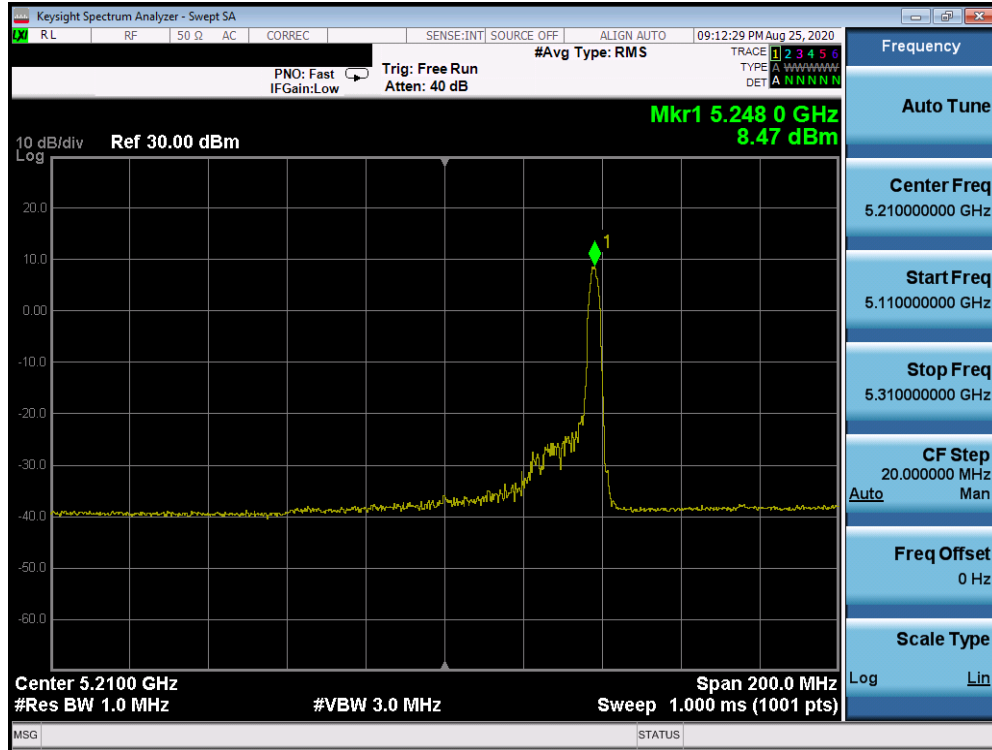


Plot 7-463. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 42)

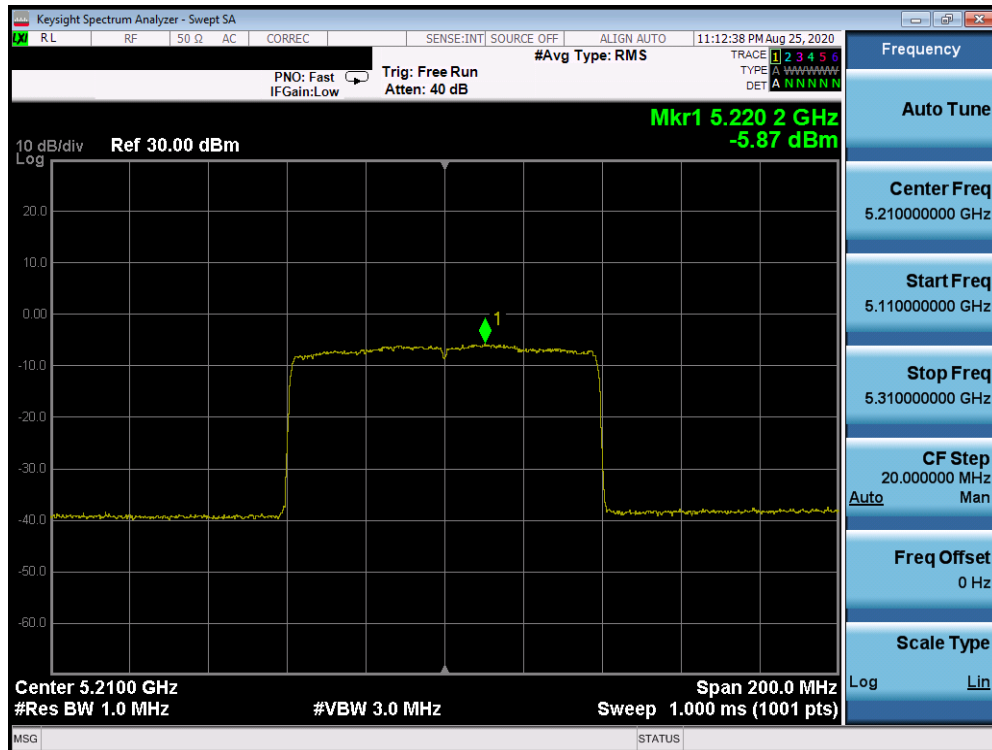


Plot 7-464. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 1) – Ch. 42)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 317 of 958                 |

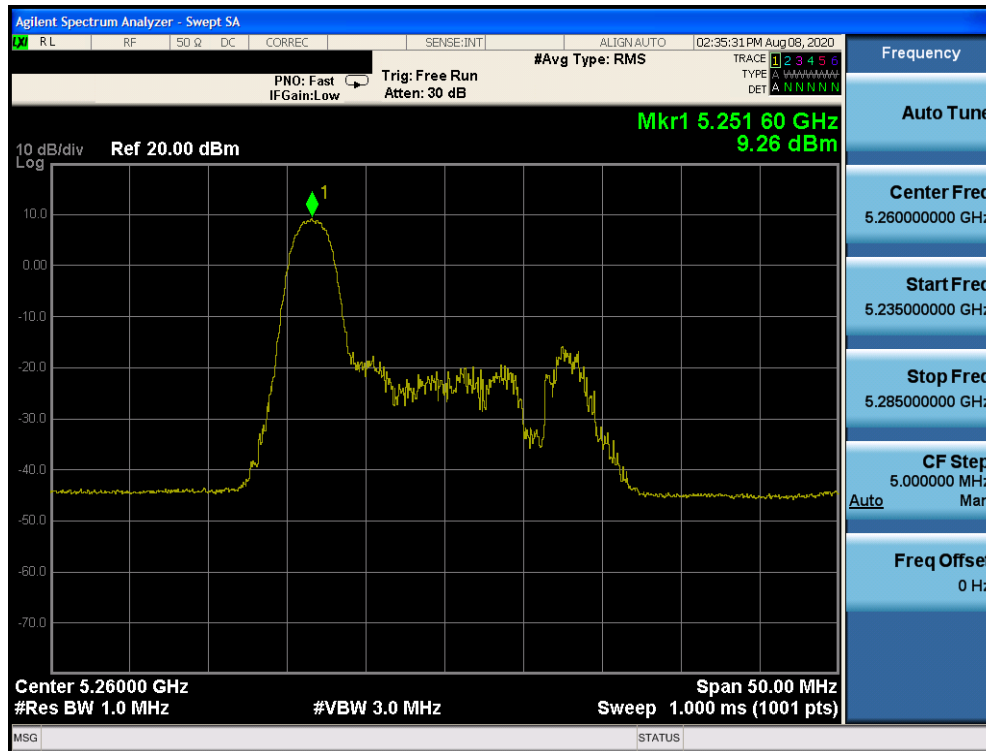


Plot 7-465. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 1) – Ch. 42)

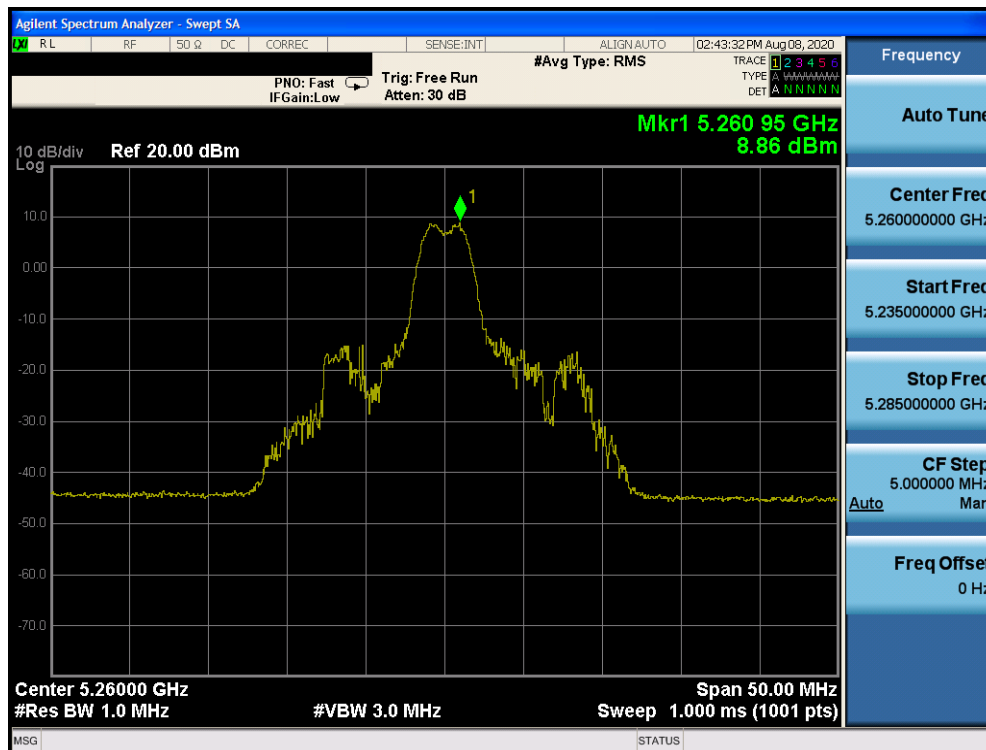


Plot 7-466. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax – RU996 (UNII Band 1) – Ch. 42)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 318 of 958                 |

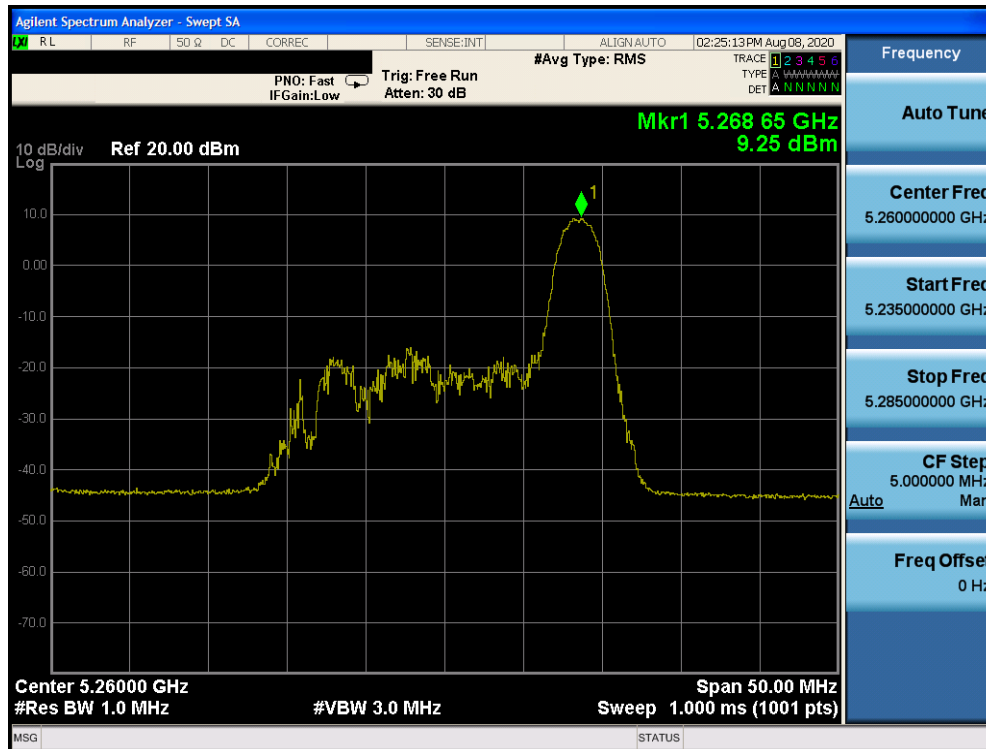


Plot 7-467. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 52)



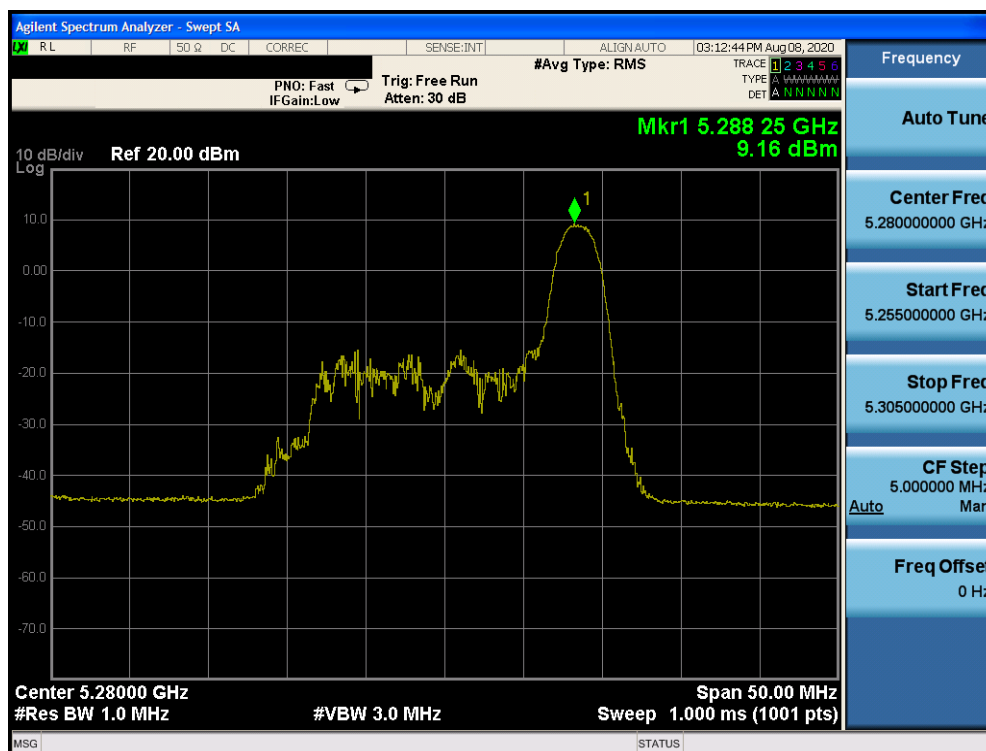
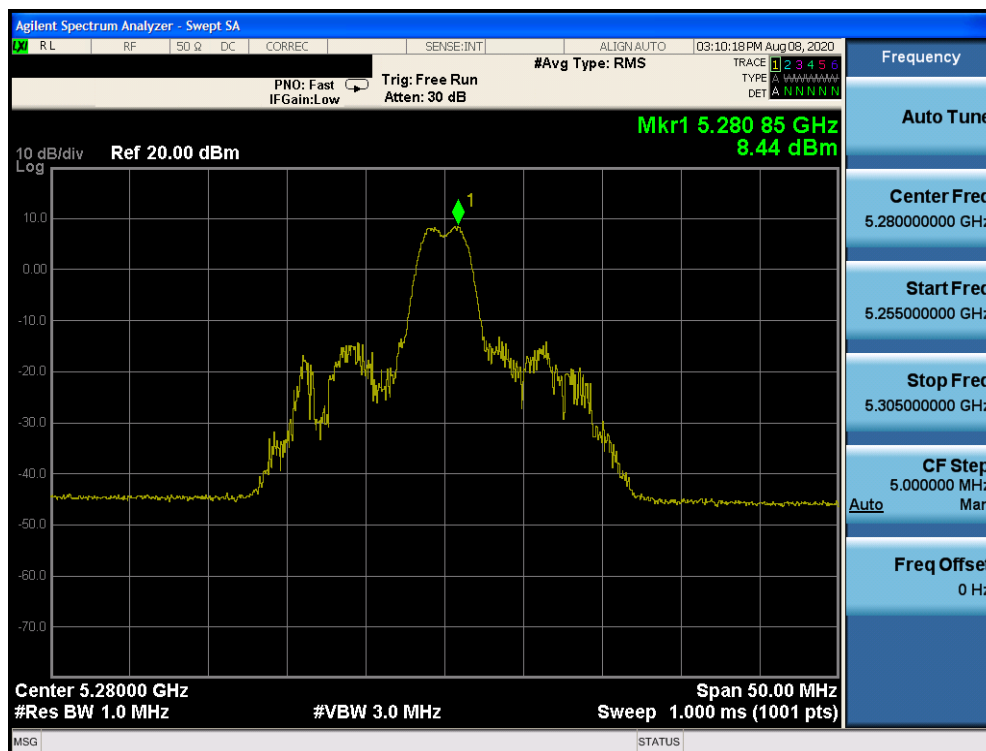
Plot 7-468. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 52)

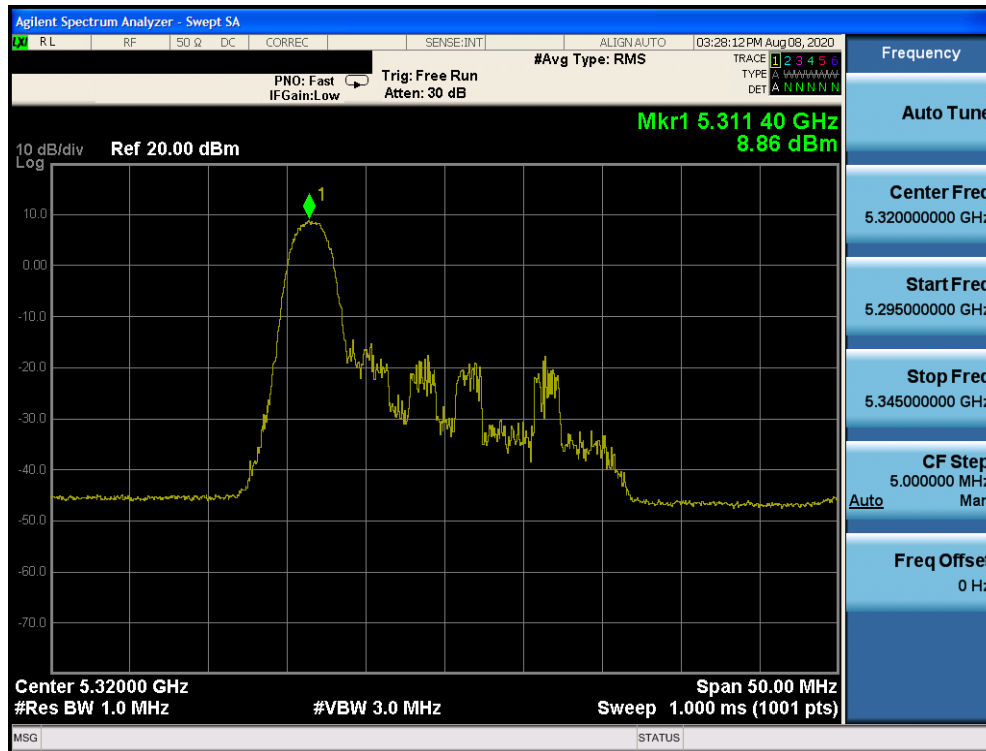
|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 319 of 958                 |



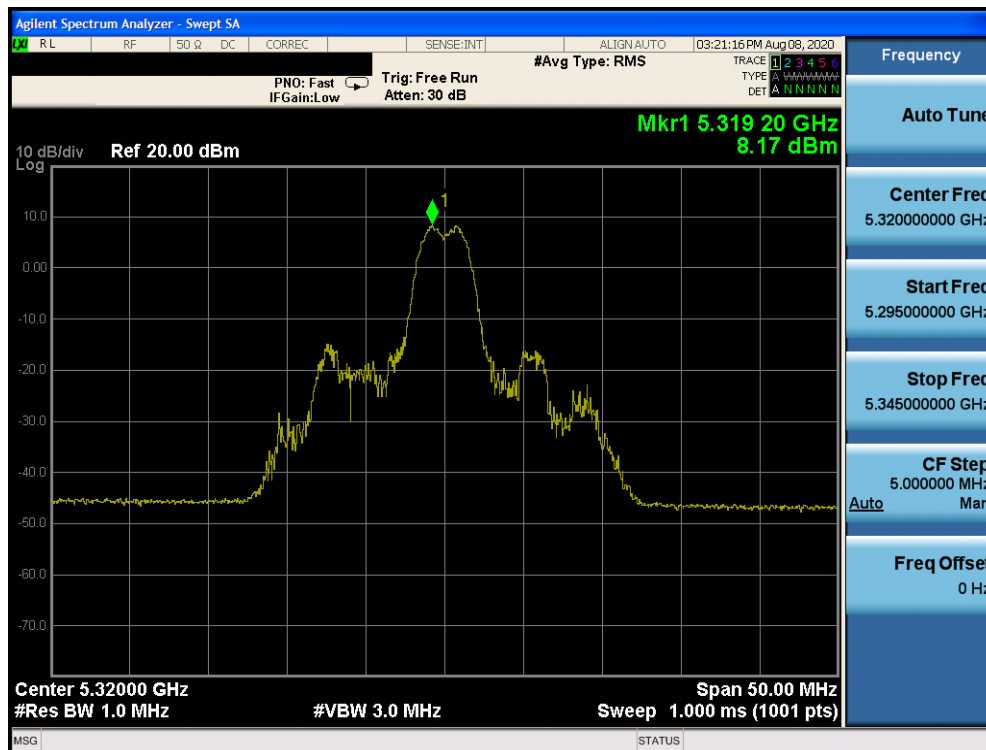
**Plot 7-469. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 52)**

Plot 7-470. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 56)



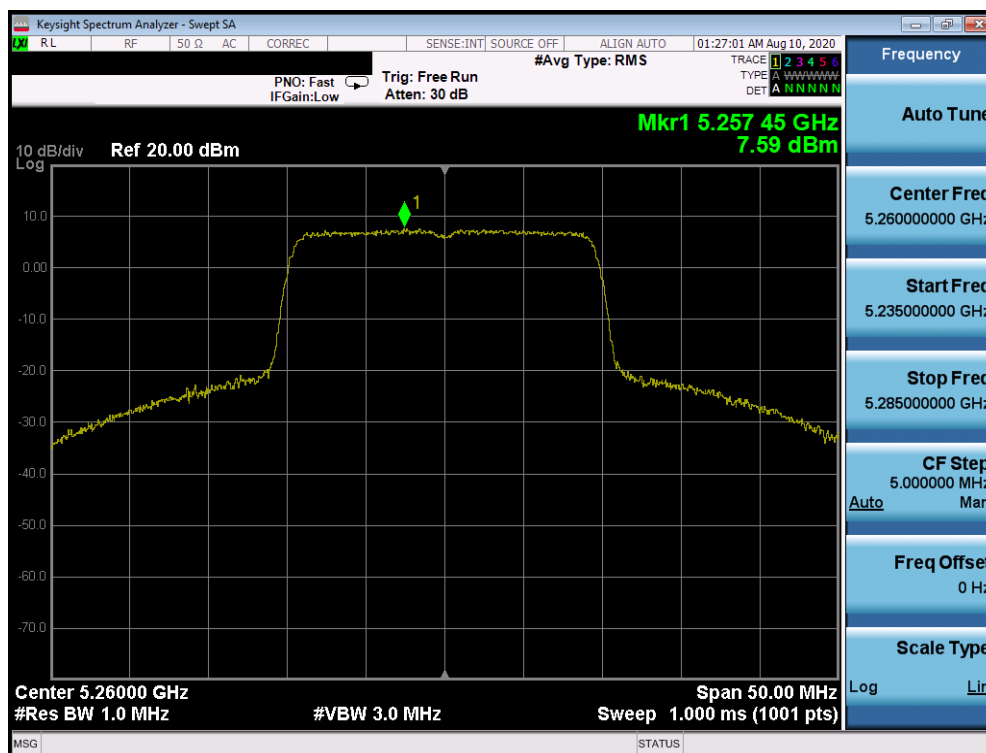
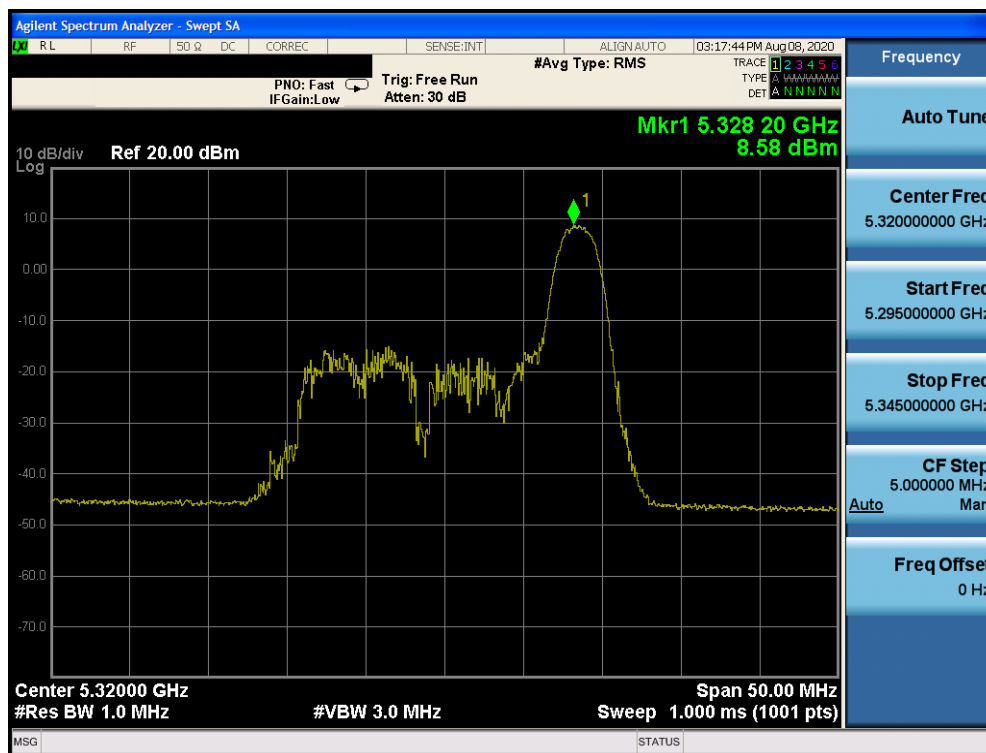


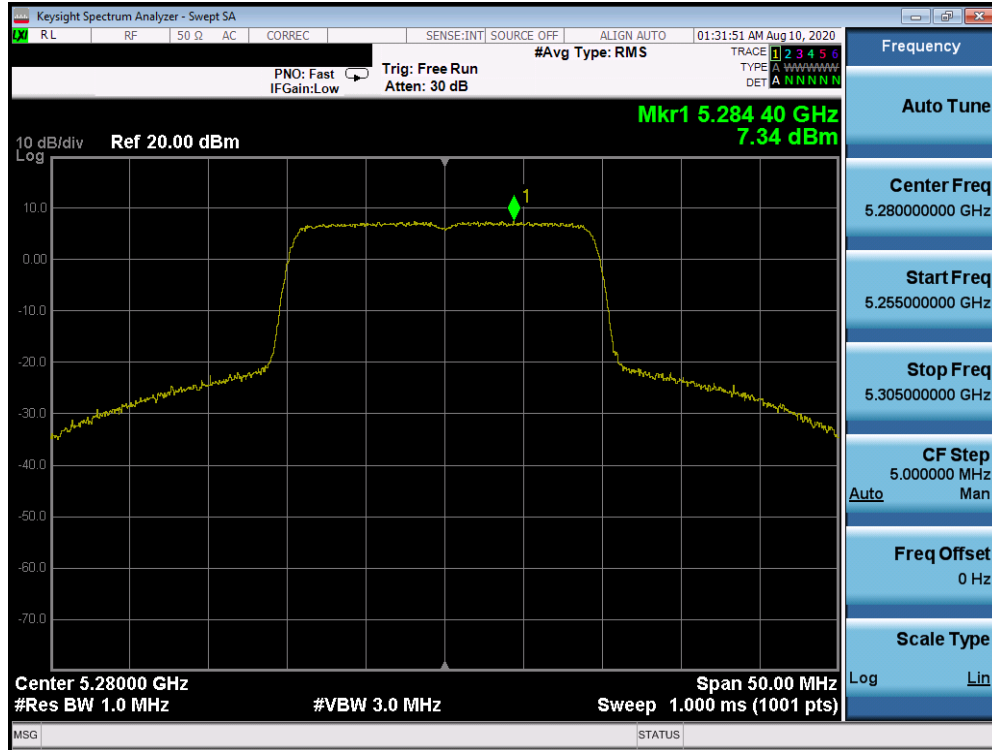
Plot 7-473. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 64)



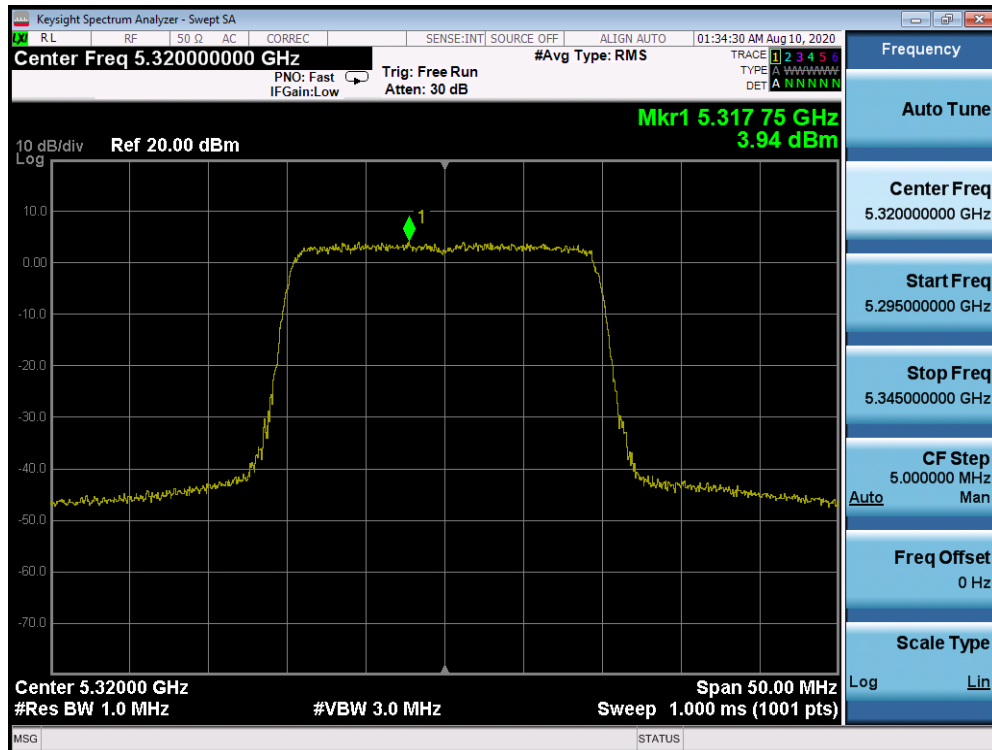
Plot 7-474. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 64)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 322 of 958                 |



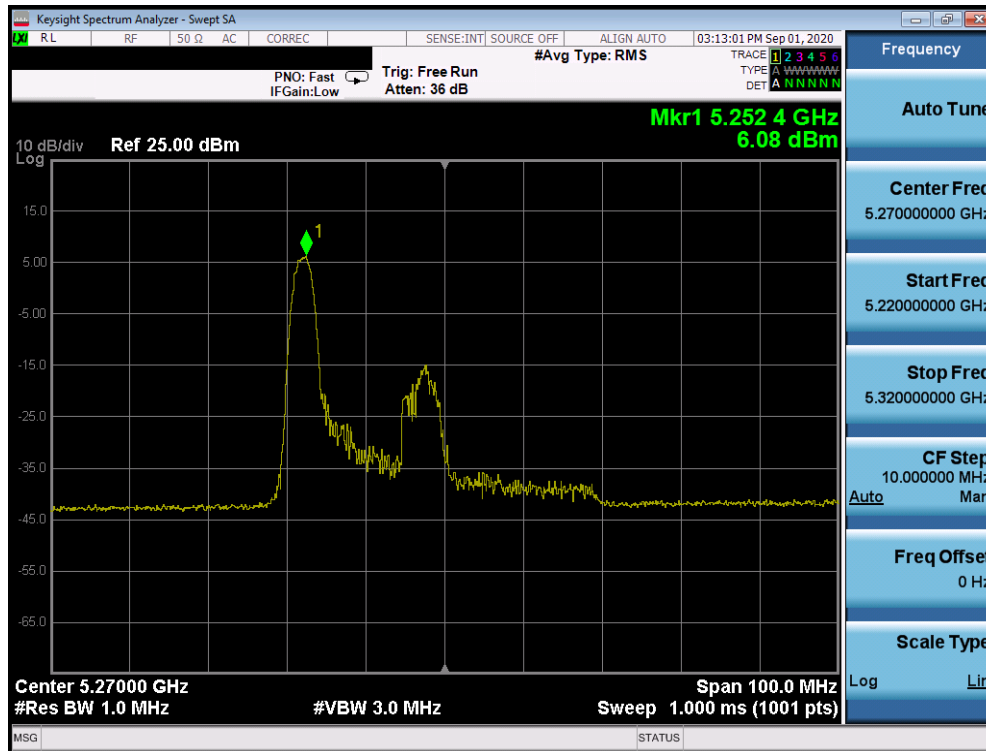


Plot 7-477. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 2A) – Ch. 56)

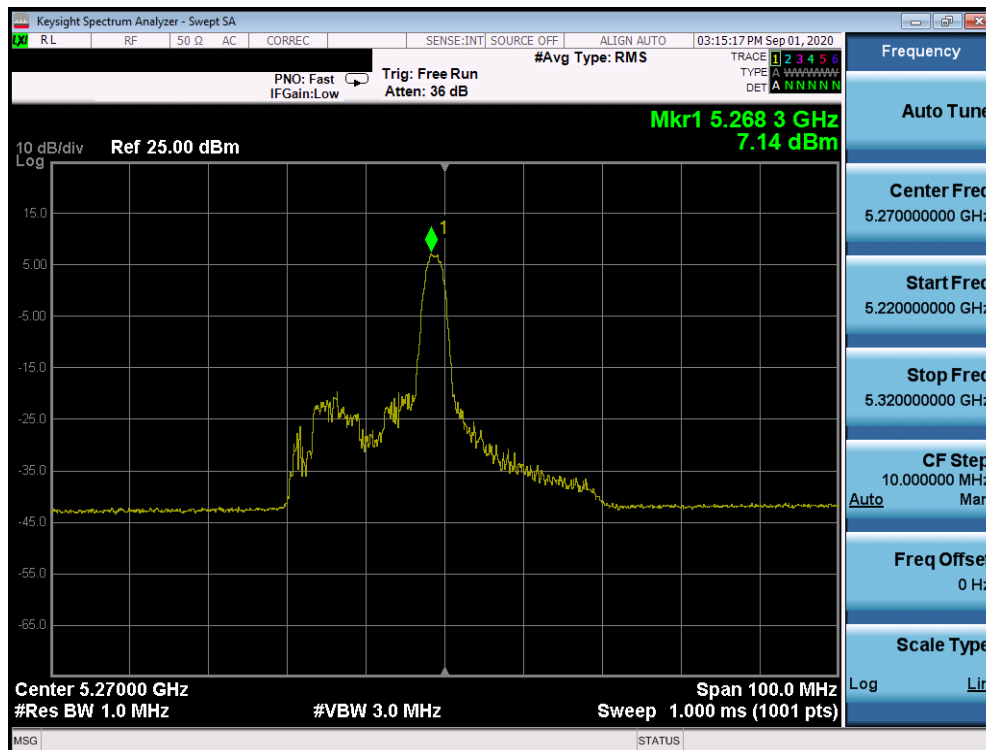


Plot 7-478. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 2A) – Ch. 64)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 324 of 958                 |

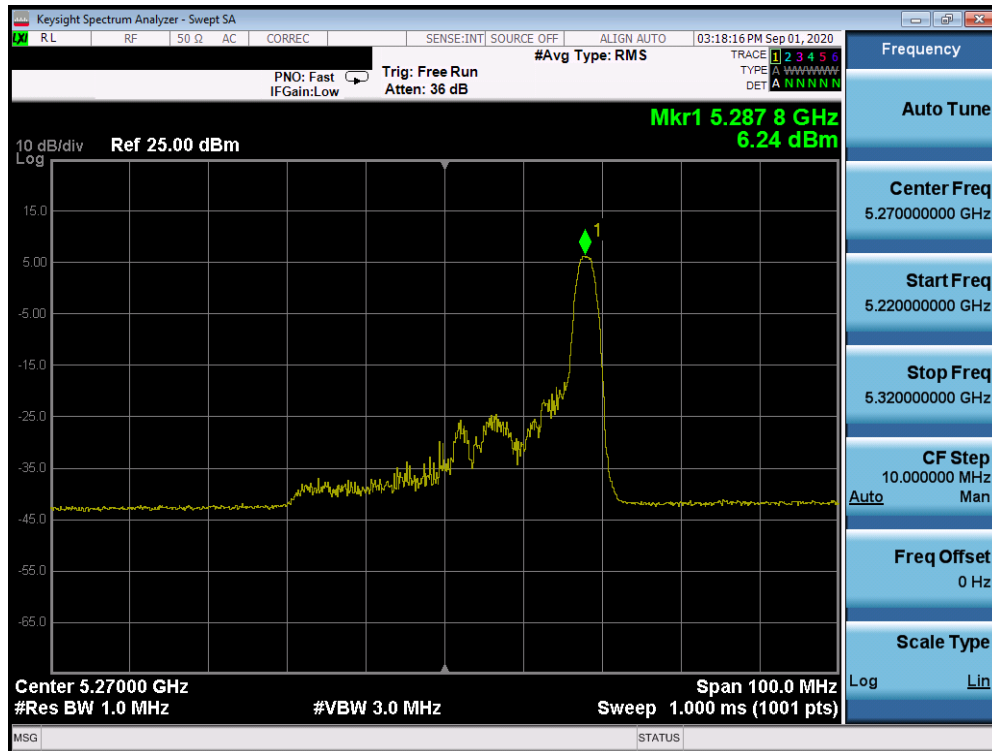


Plot 7-479. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 54)

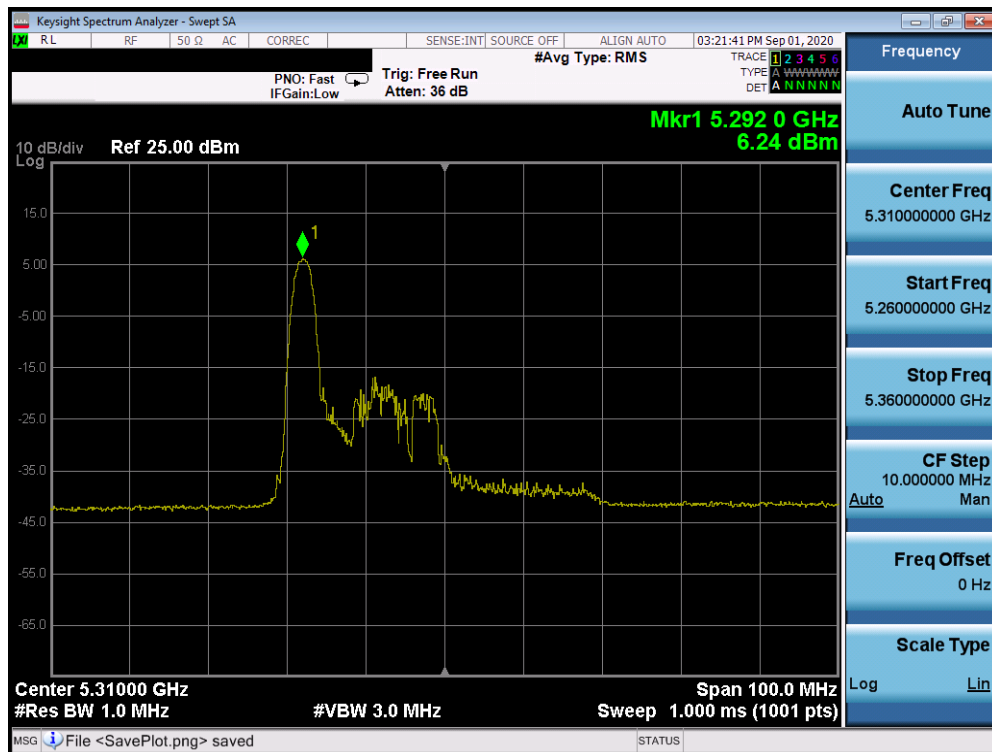


Plot 7-480. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 54)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                              | EUT Type:<br>Tablet Device            | Page 325 of 958                 |

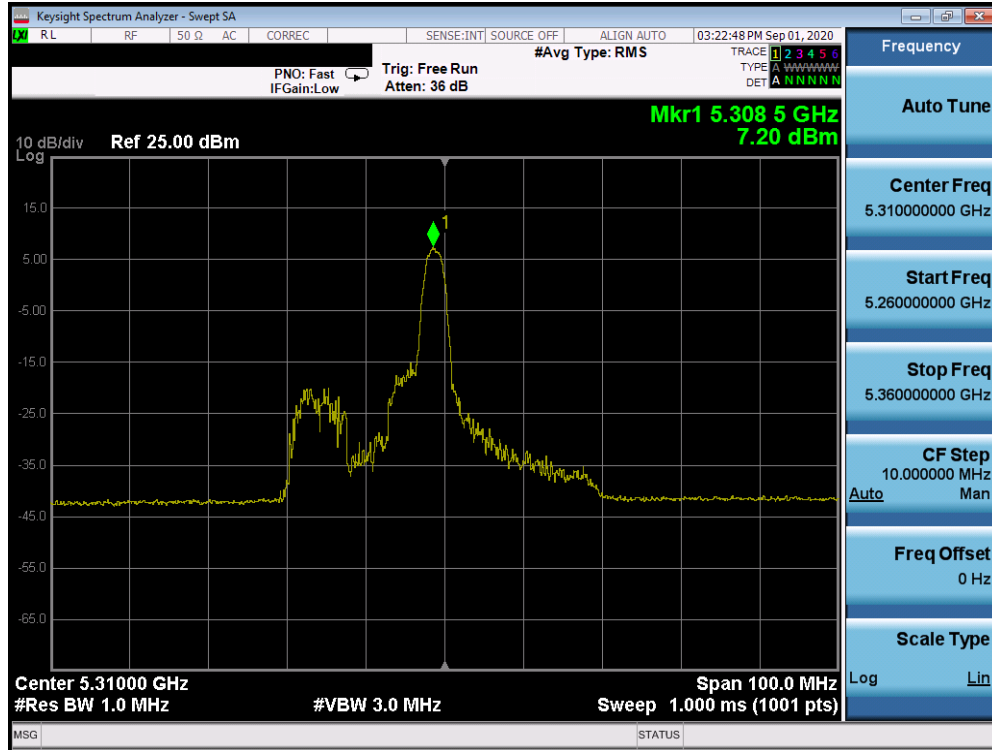


Plot 7-481. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 54)

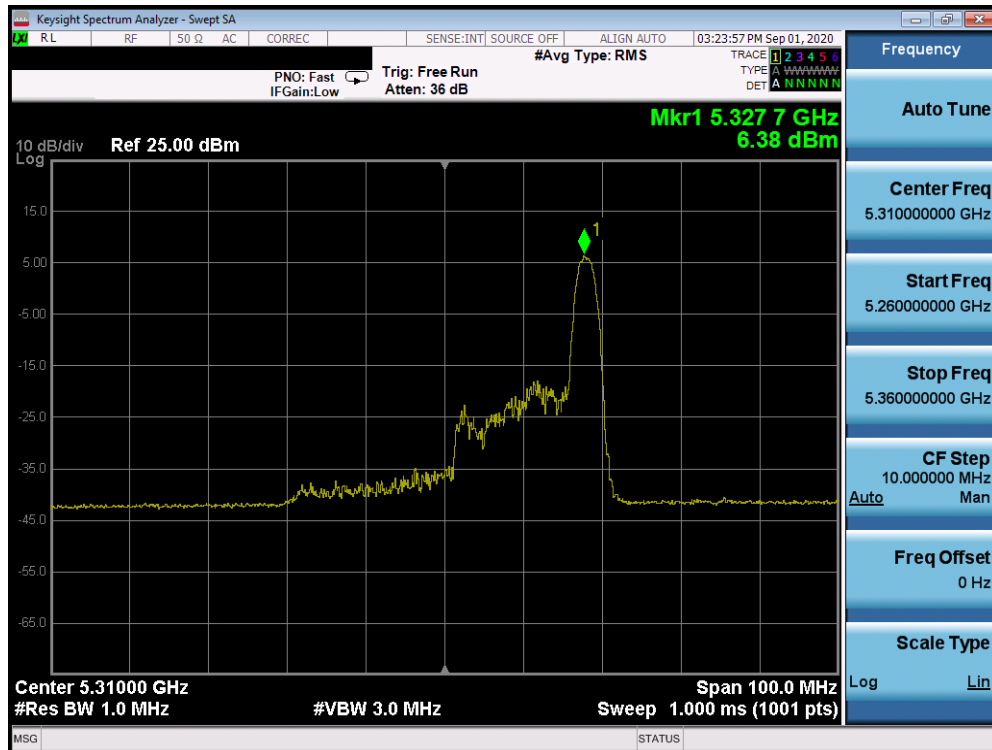


Plot 7-482. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 62)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 326 of 958                 |

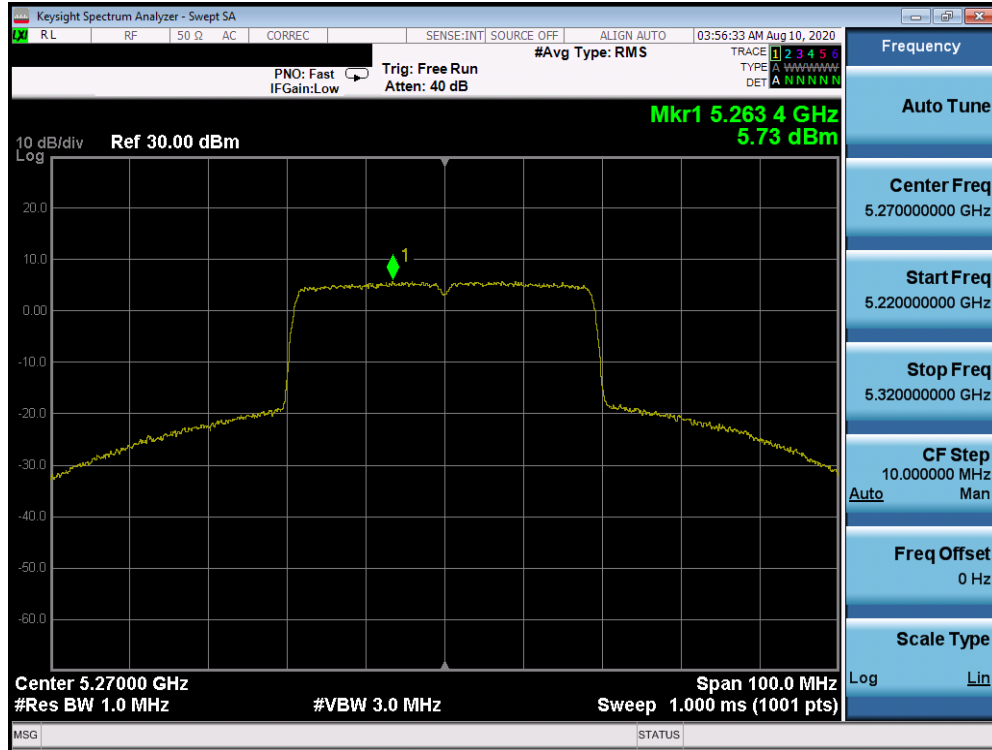


Plot 7-483. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 62)

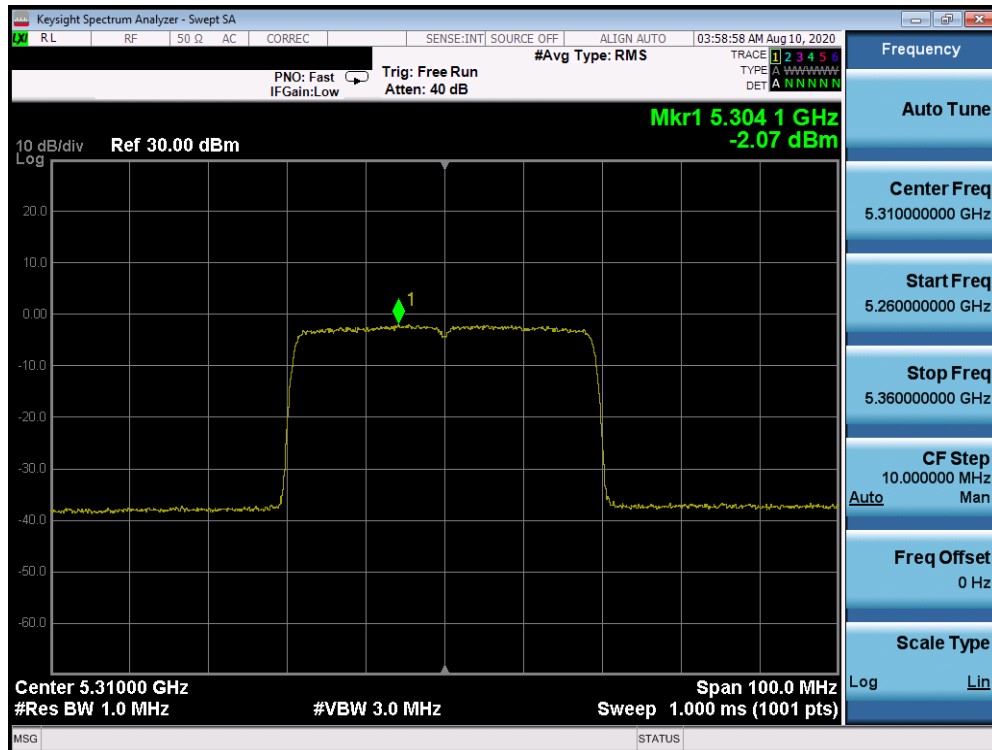


Plot 7-484. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 62)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 327 of 958                 |

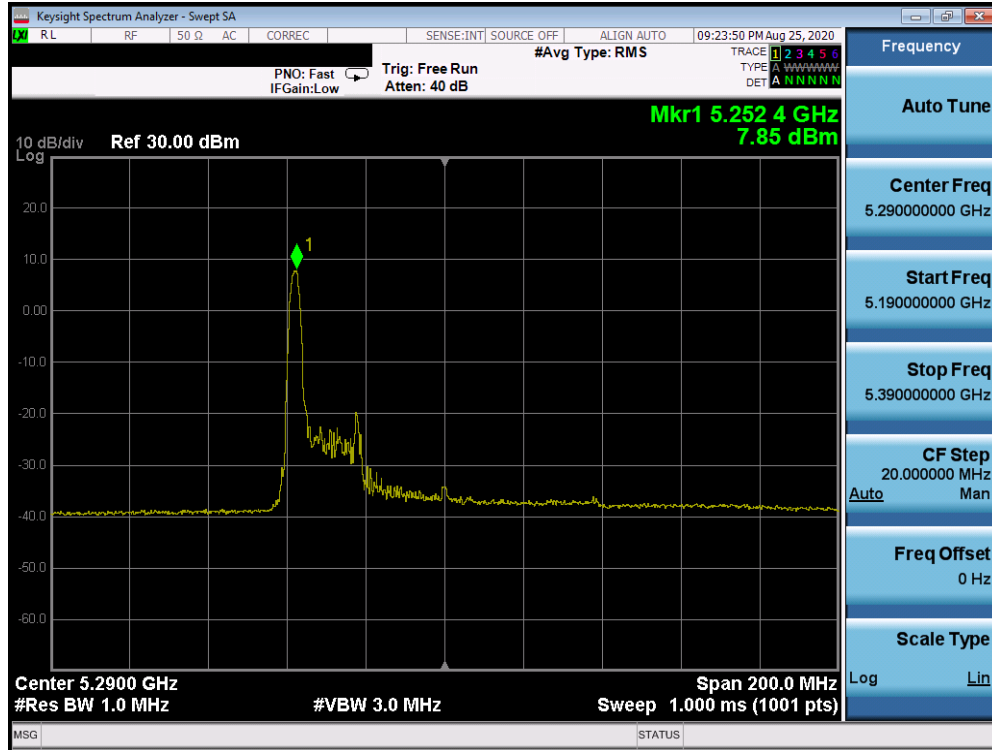


Plot 7-485. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 2A) – Ch. 54)

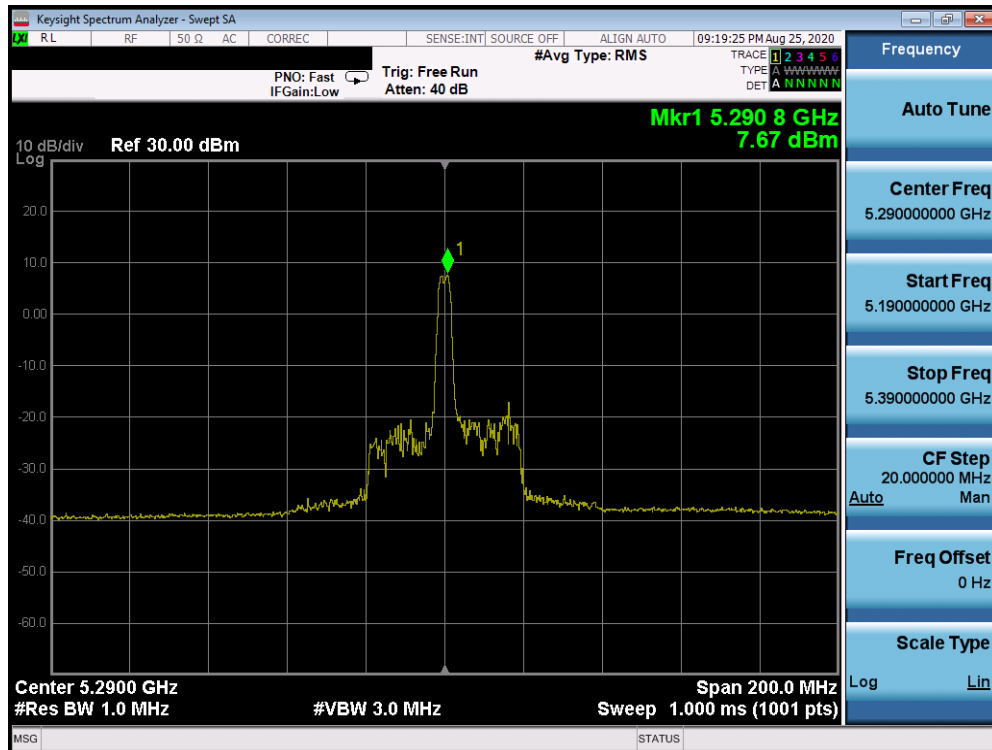


Plot 7-486. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 2A) – Ch. 62)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 328 of 958                 |

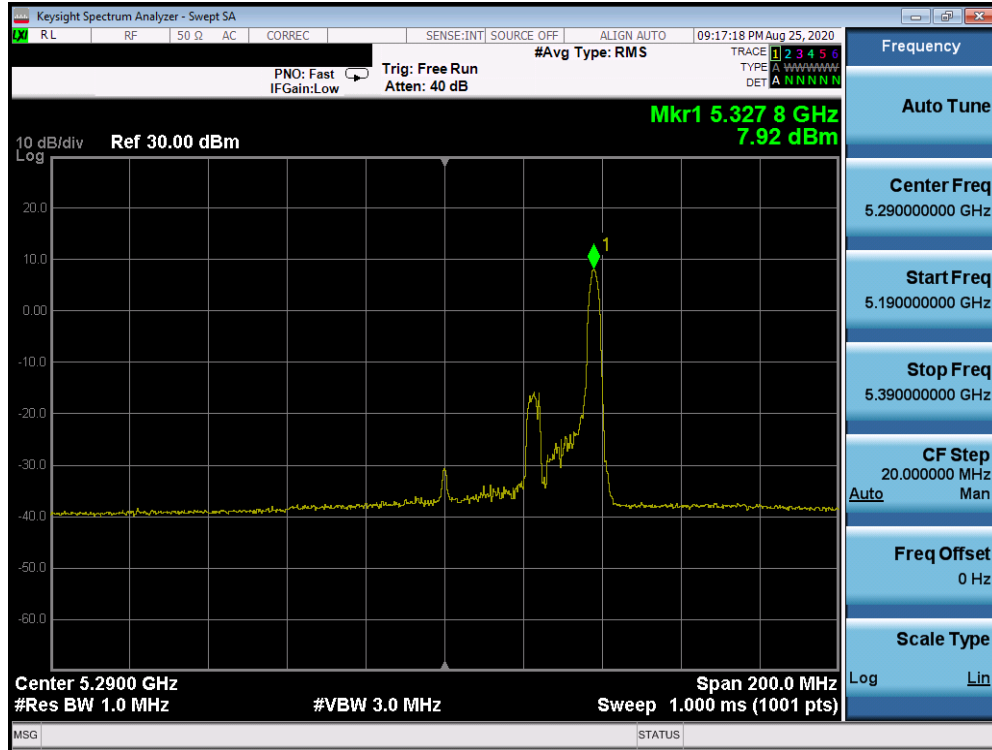


Plot 7-487. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 58)

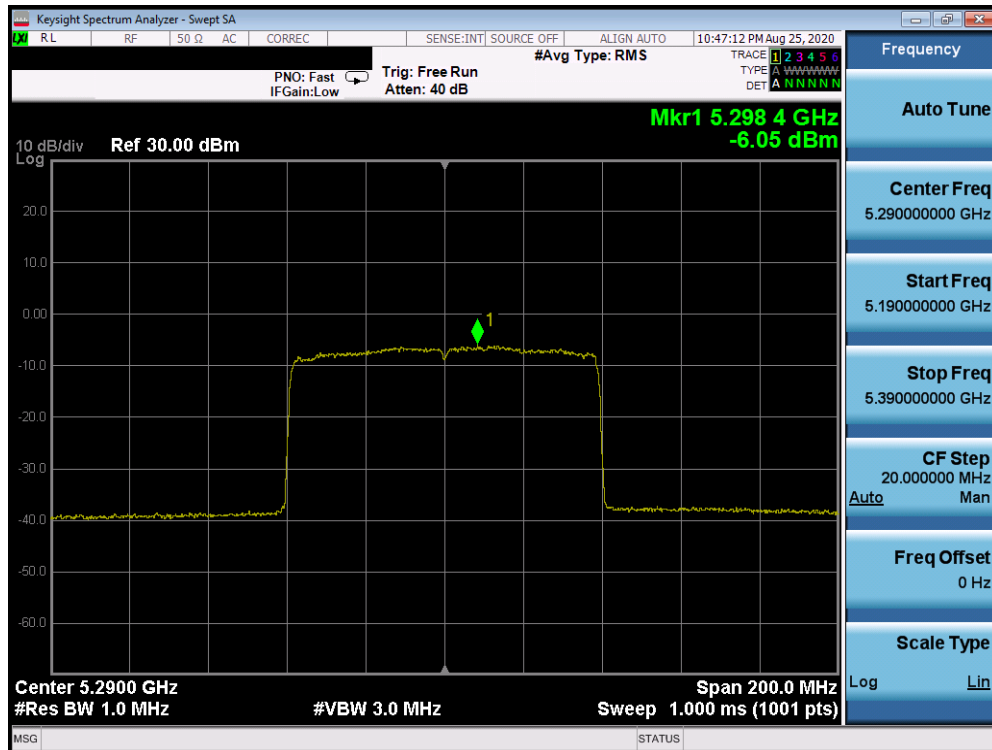


Plot 7-488. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2A) – Ch. 58)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 329 of 958                 |

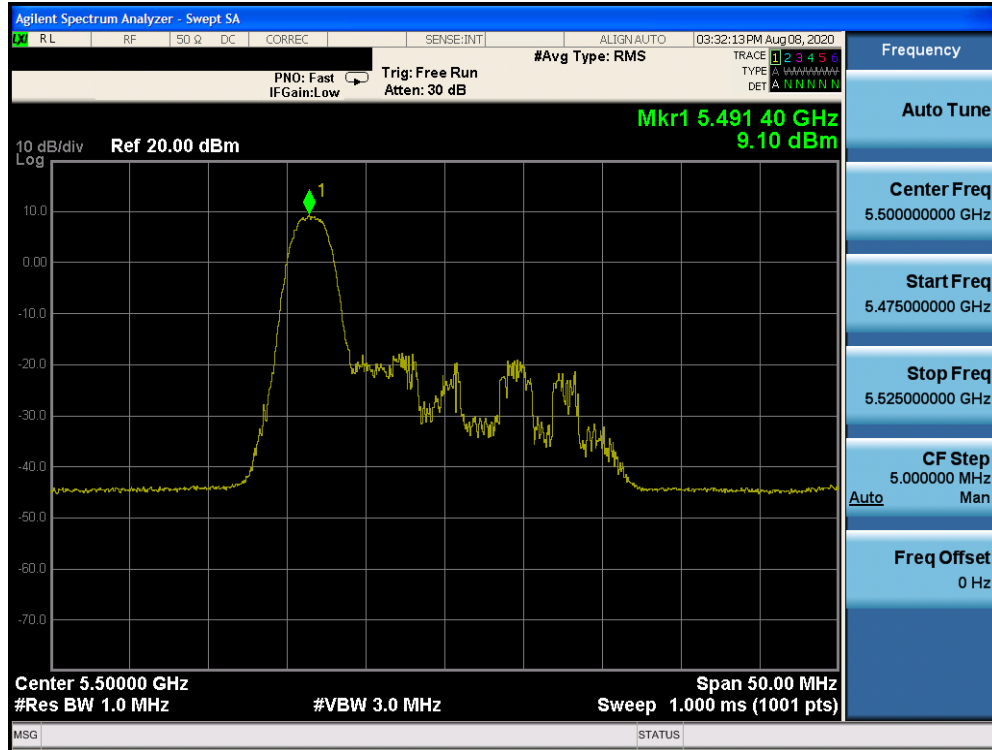


Plot 7-489. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2A) – Ch. 58)

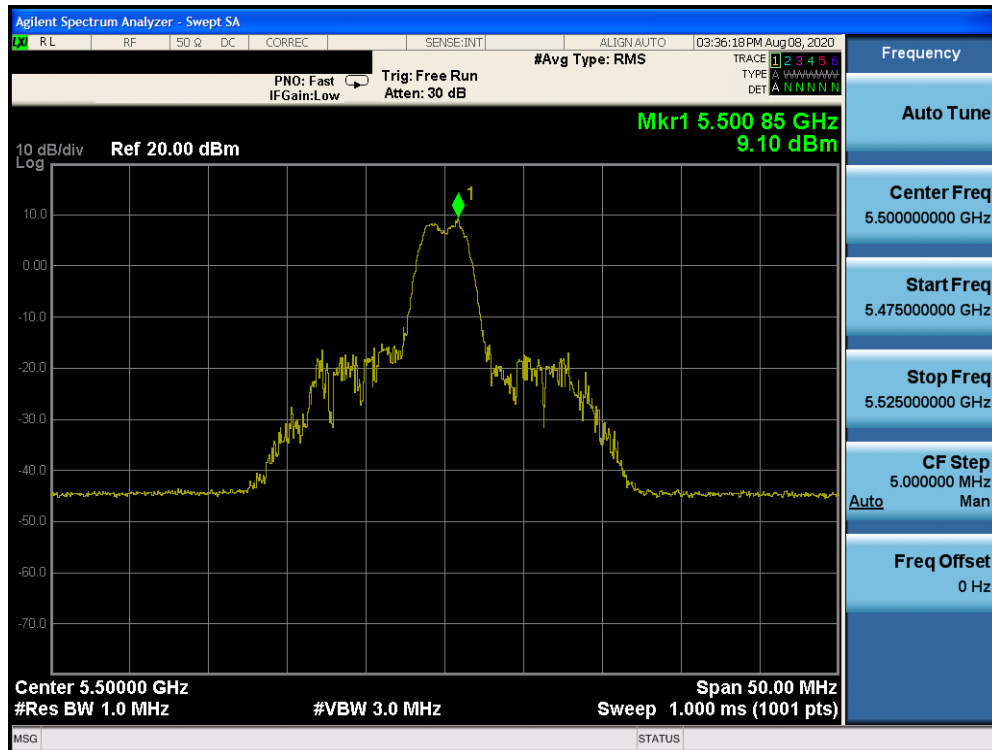


Plot 7-490. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax – RU996 (UNII Band 2A) – Ch. 58)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 330 of 958                 |

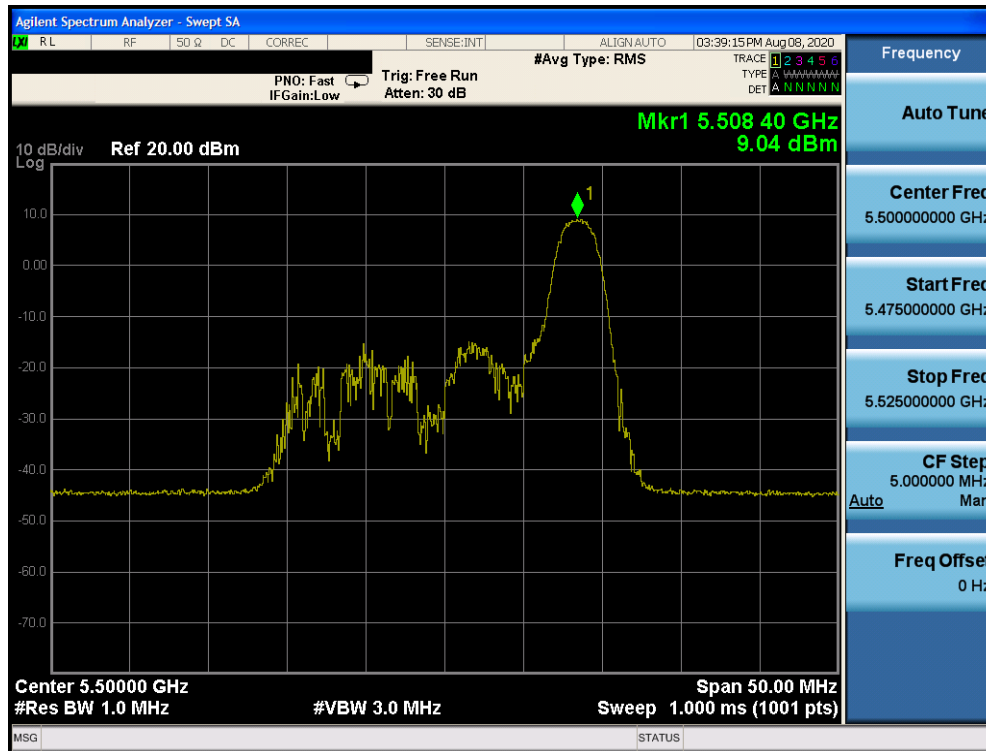


Plot 7-491. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 100)

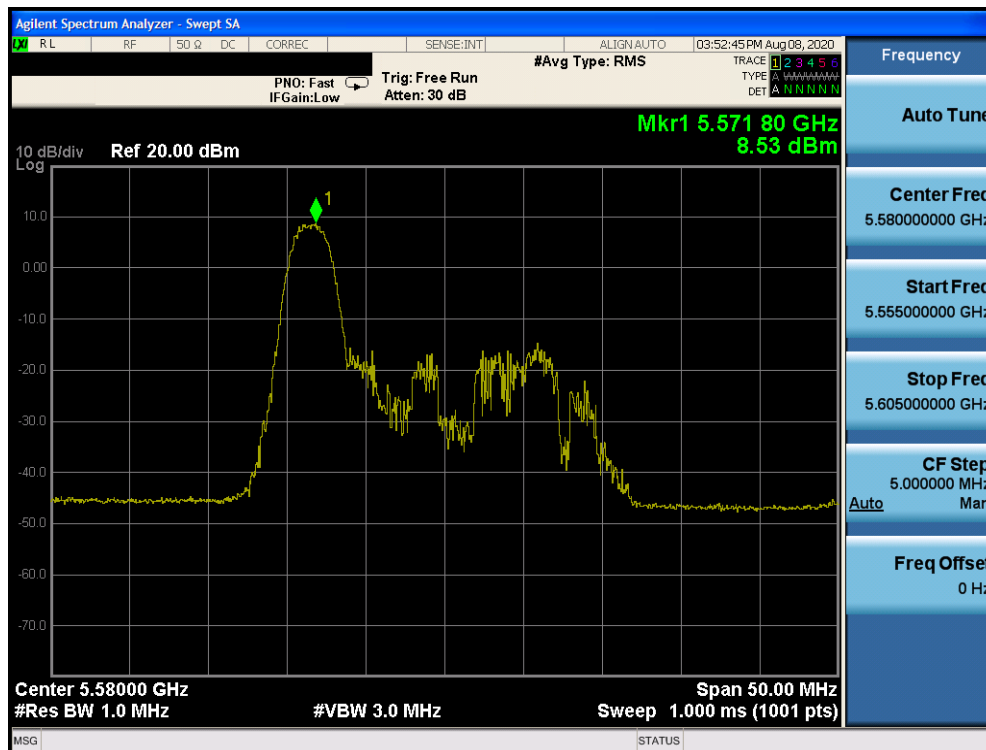


Plot 7-492. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 100)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 331 of 958                 |



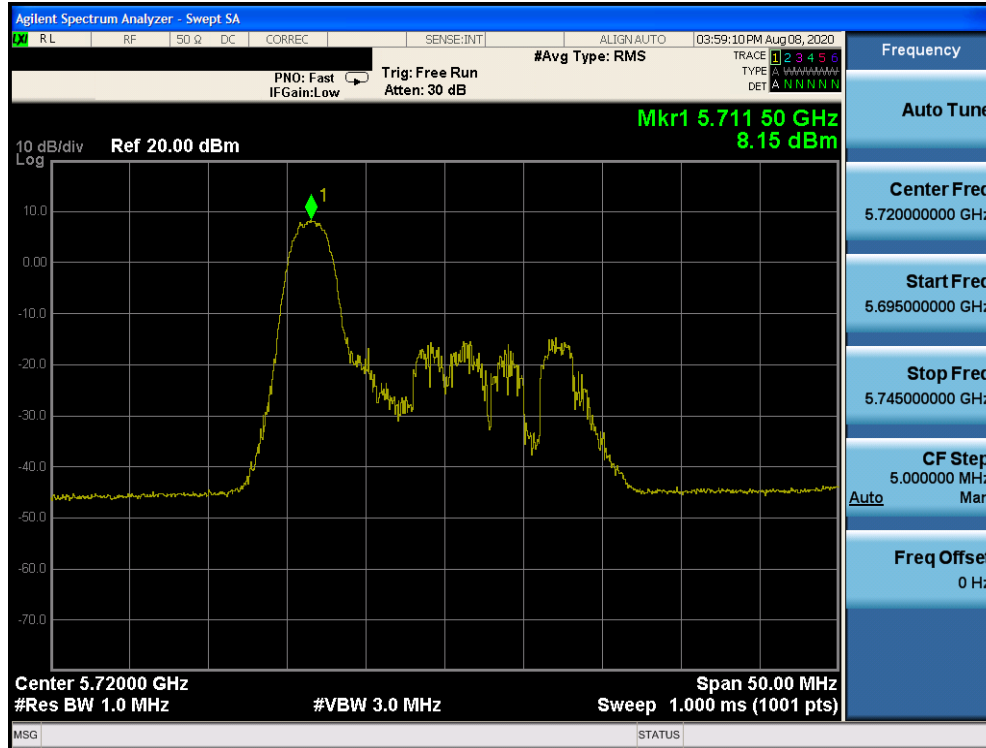
Plot 7-493. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 100)



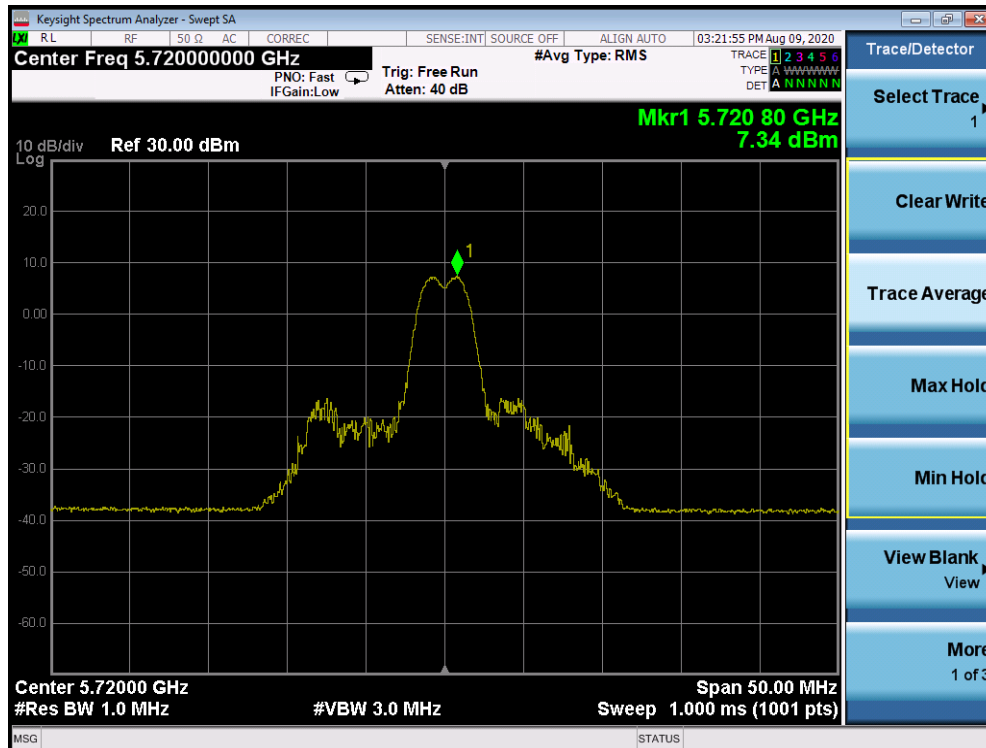
Plot 7-494. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 116)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 332 of 958                 |



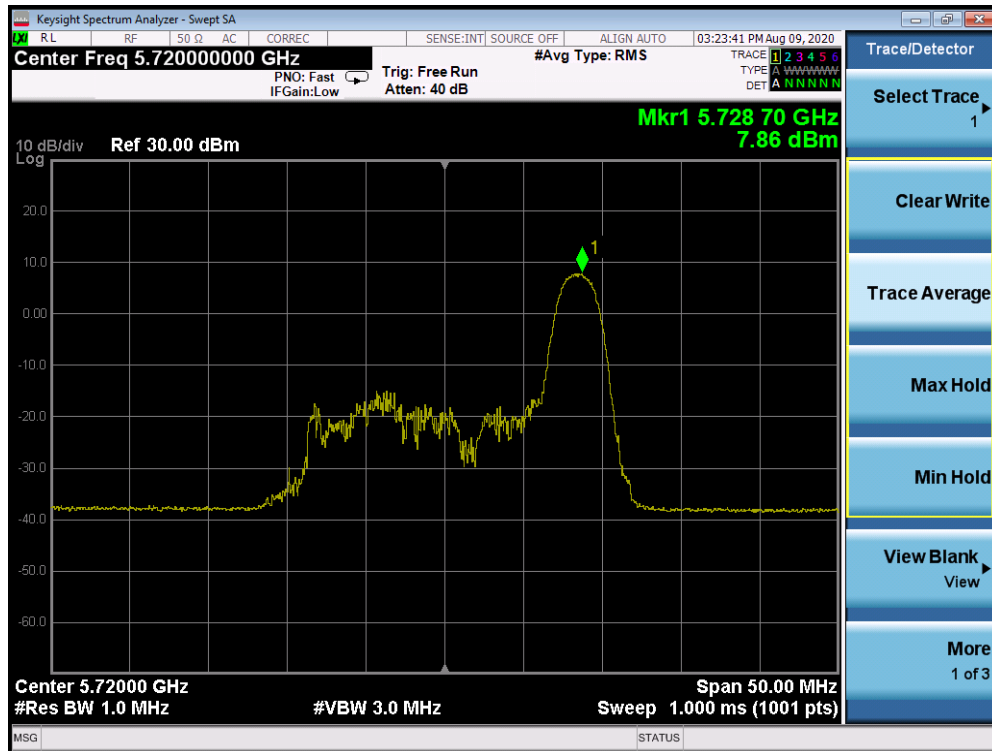


Plot 7-497. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 144)

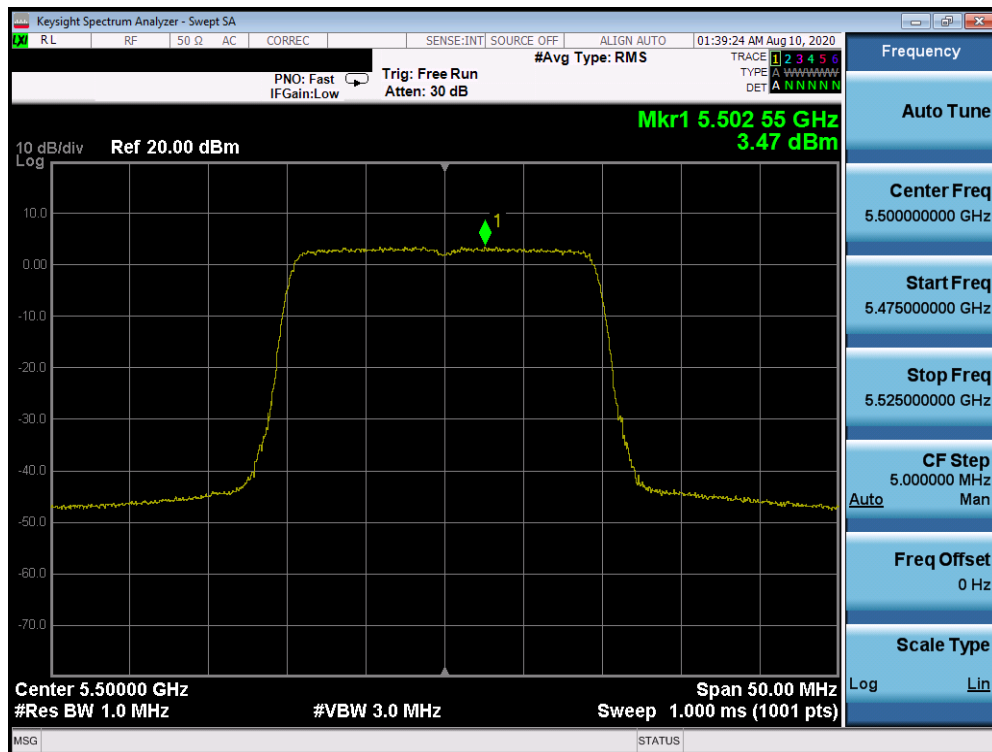


Plot 7-498. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 144)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 334 of 958                 |

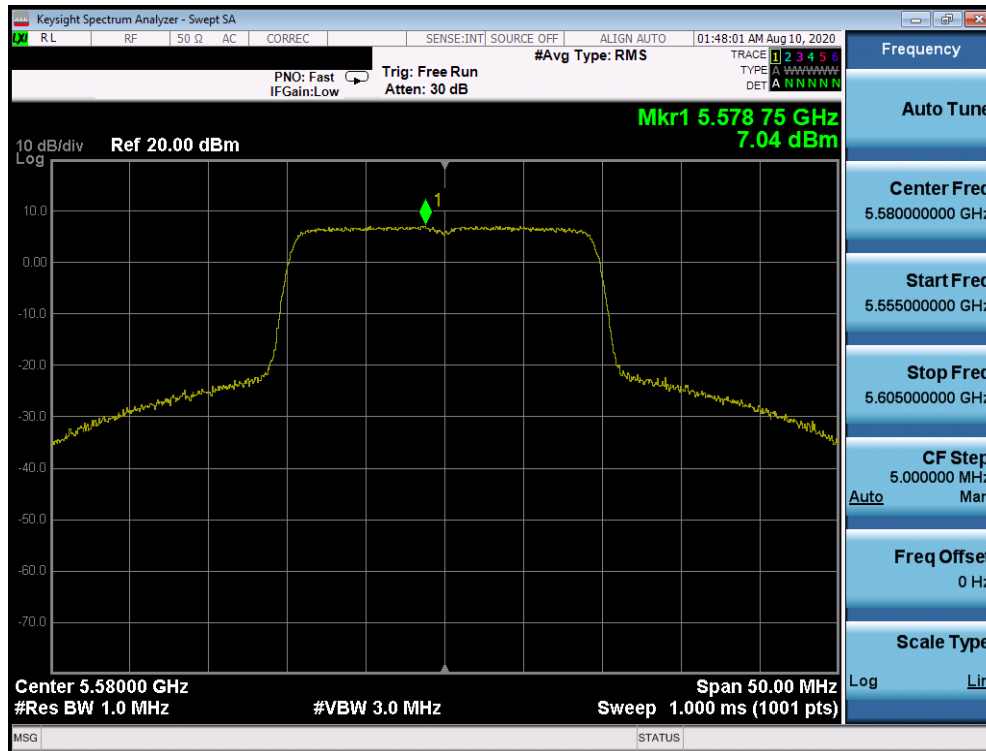


Plot 7-499. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 144)

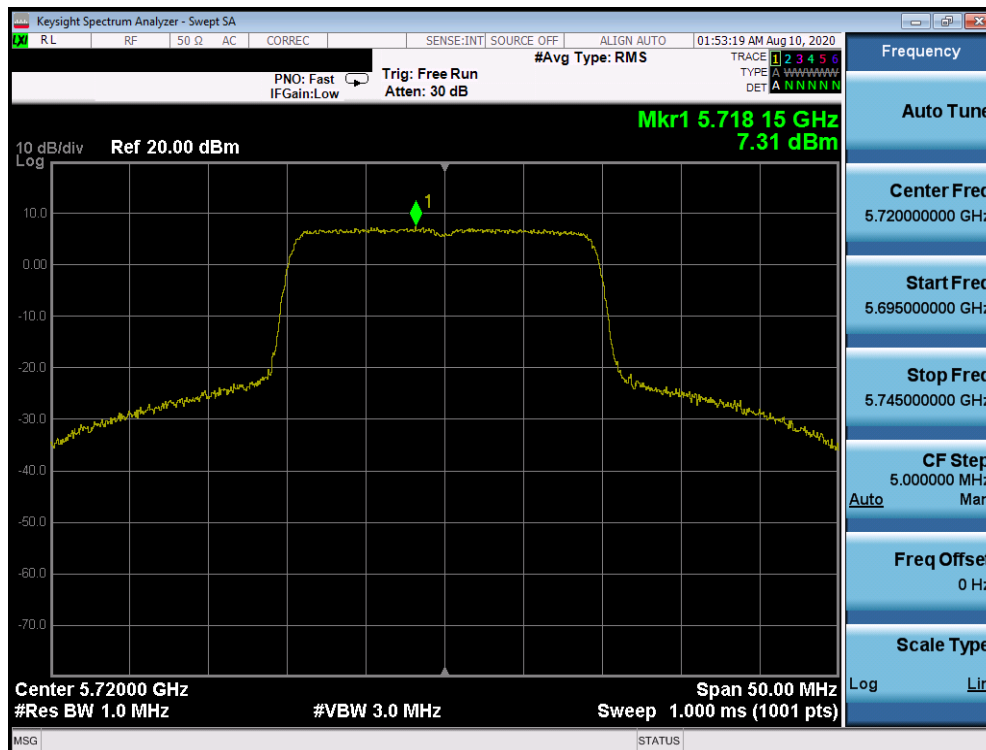


Plot 7-500. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 100)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 335 of 958                 |

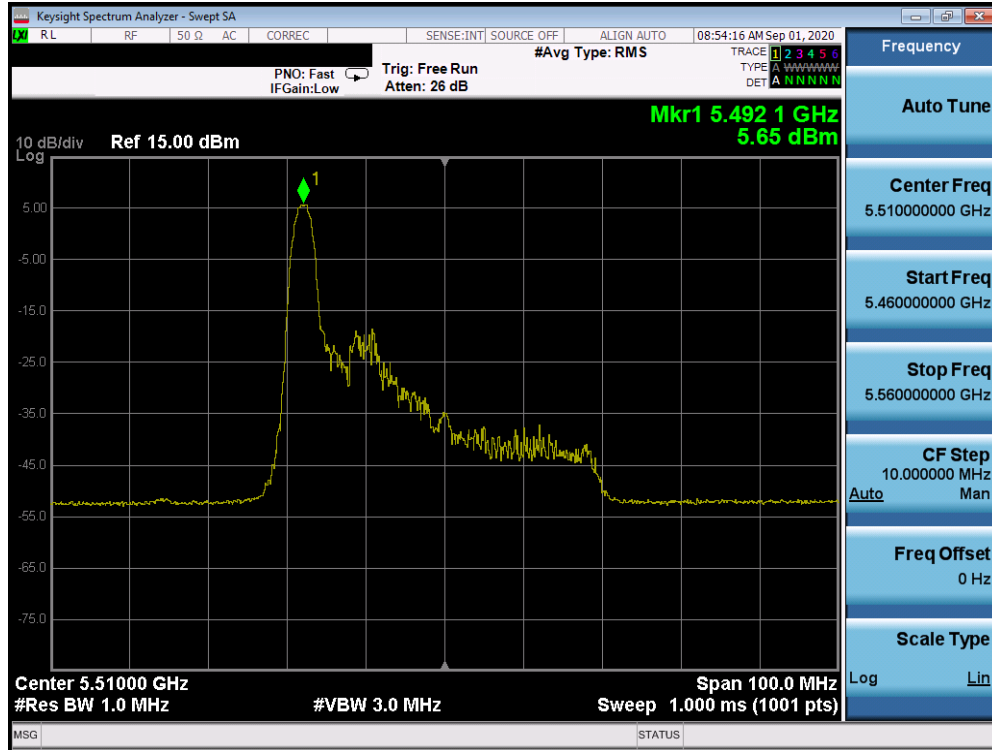


Plot 7-501. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 116)

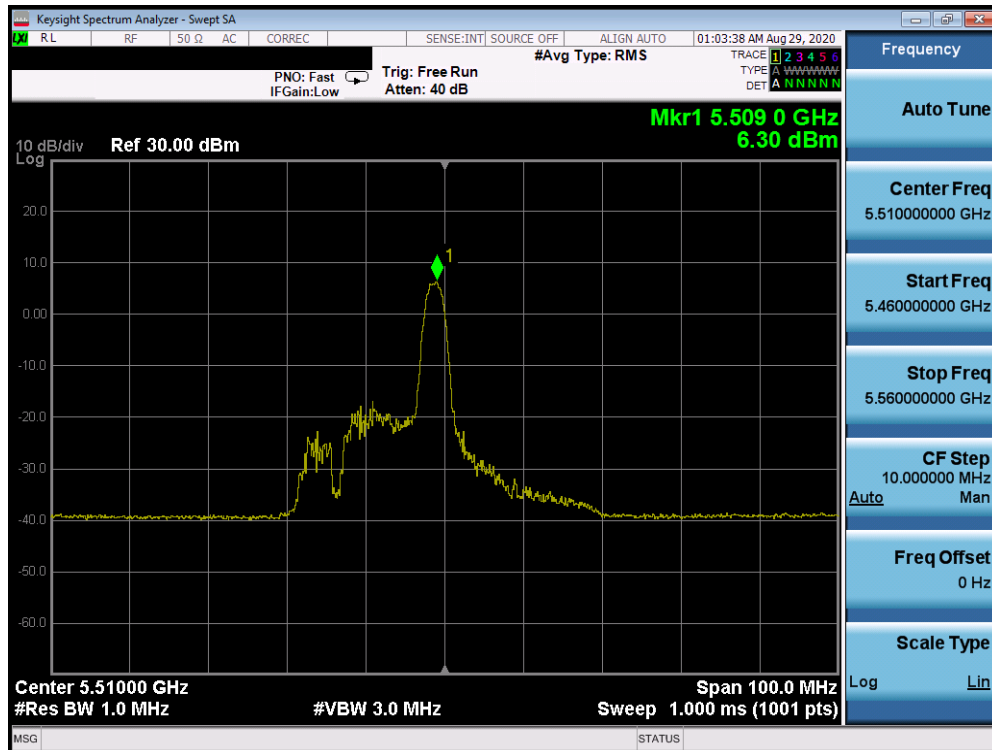


Plot 7-502. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 144)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 336 of 958                 |

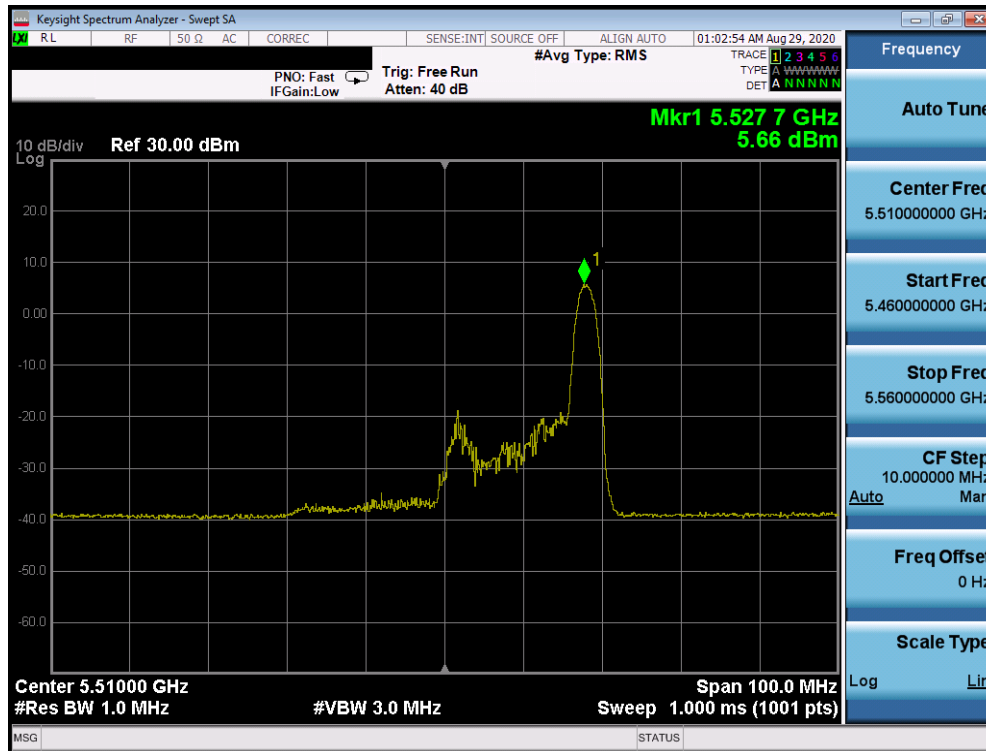


Plot 7-503. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 102)

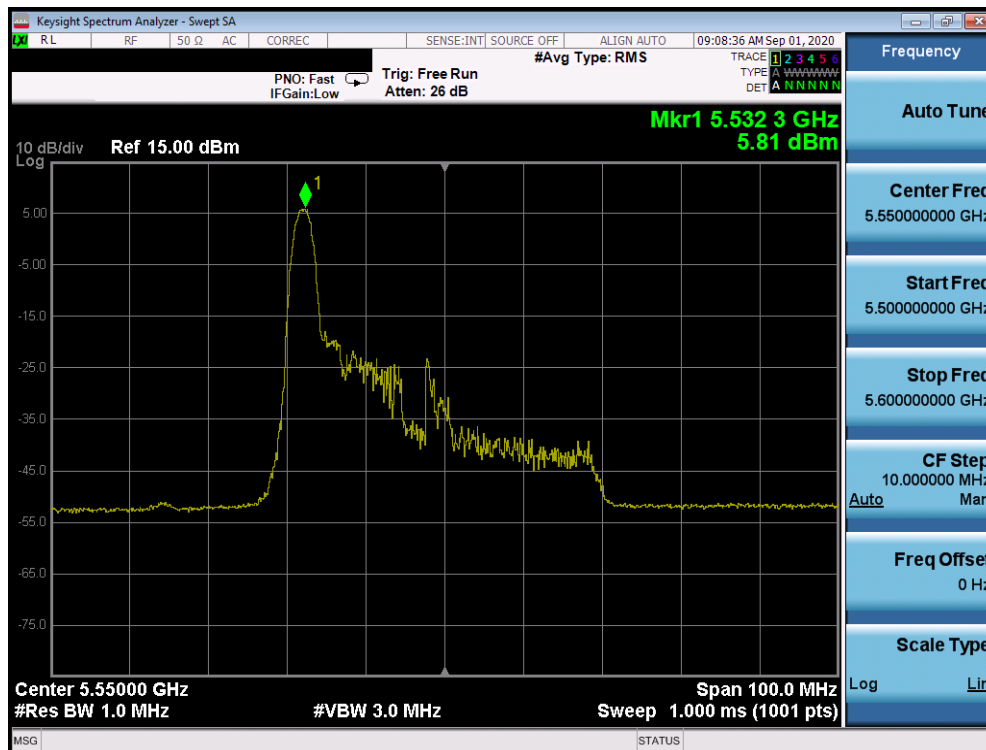


Plot 7-504. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 102)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 337 of 958                 |

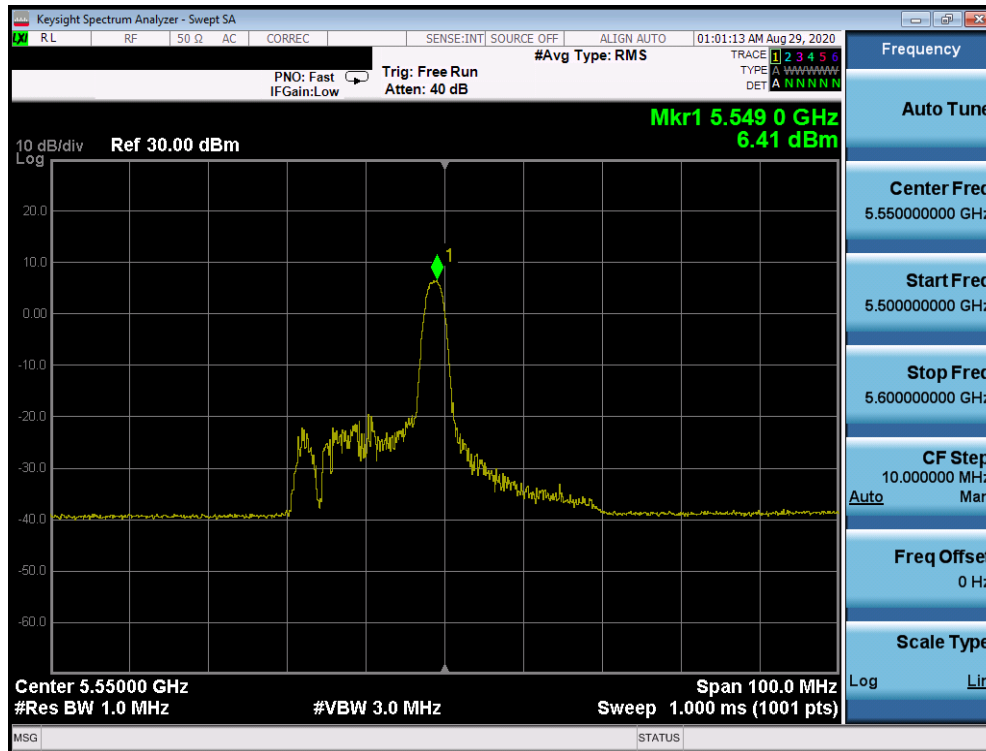


Plot 7-505. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 102)

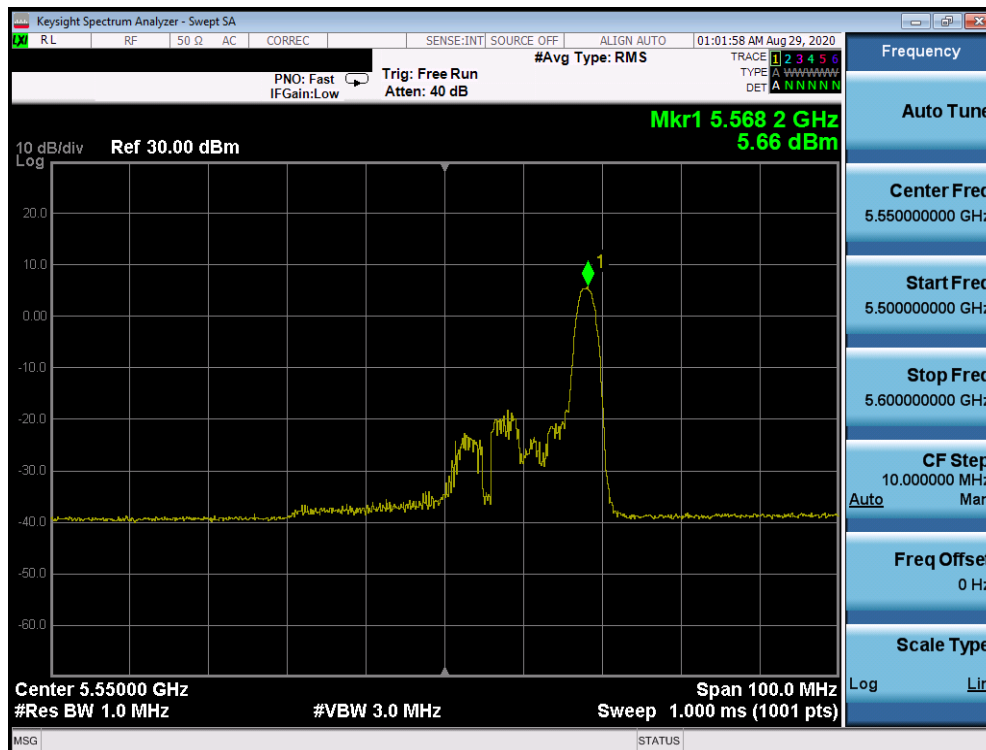


Plot 7-506. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 110)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 338 of 958                 |

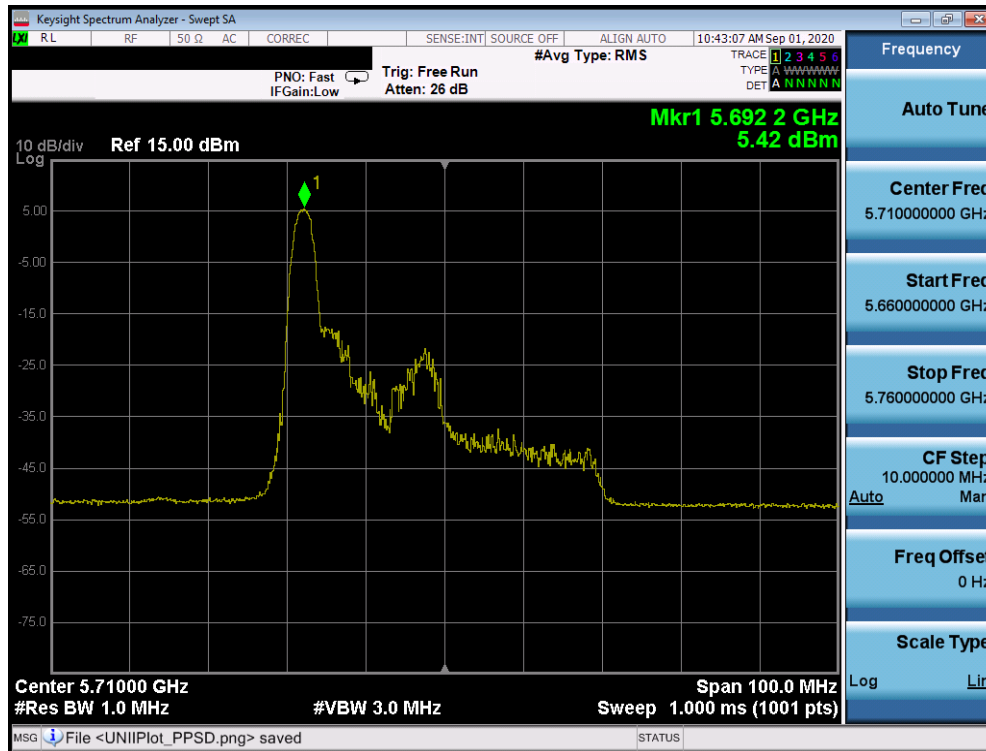


Plot 7-507. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 110)

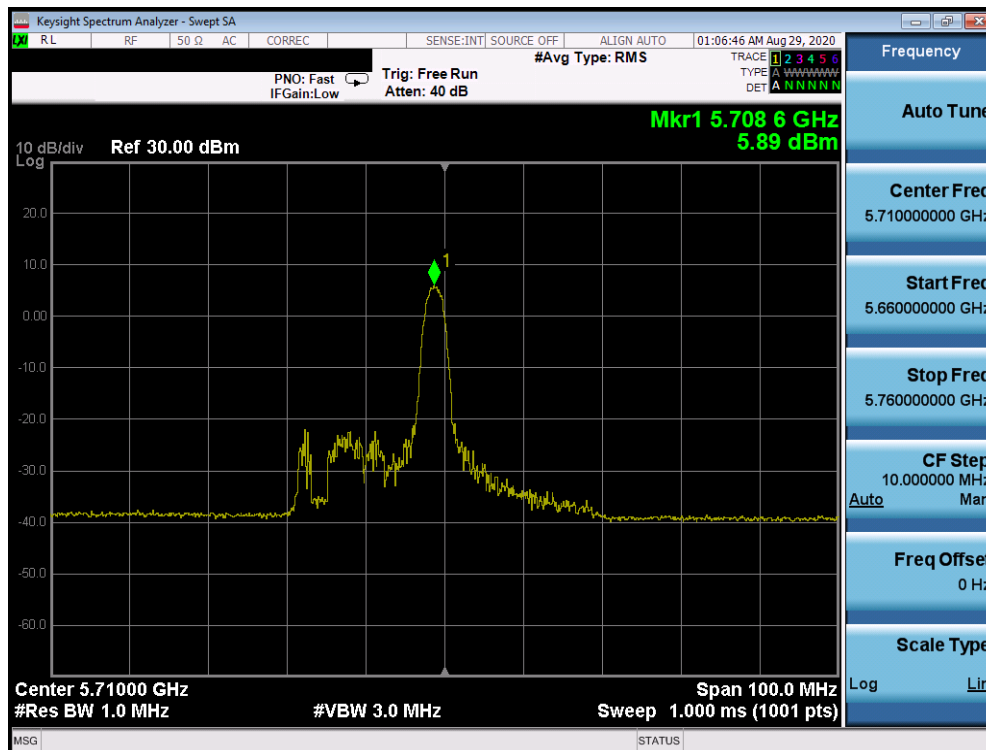


Plot 7-508. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 110)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                              | EUT Type:<br>Tablet Device            | Page 339 of 958                 |

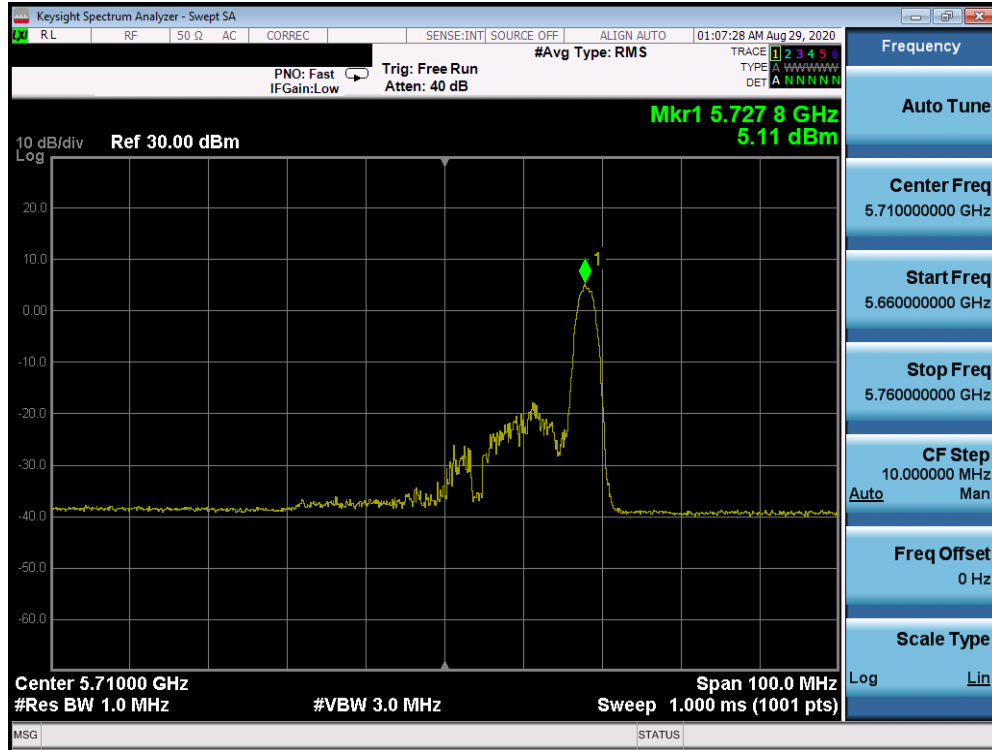


Plot 7-509. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 142)

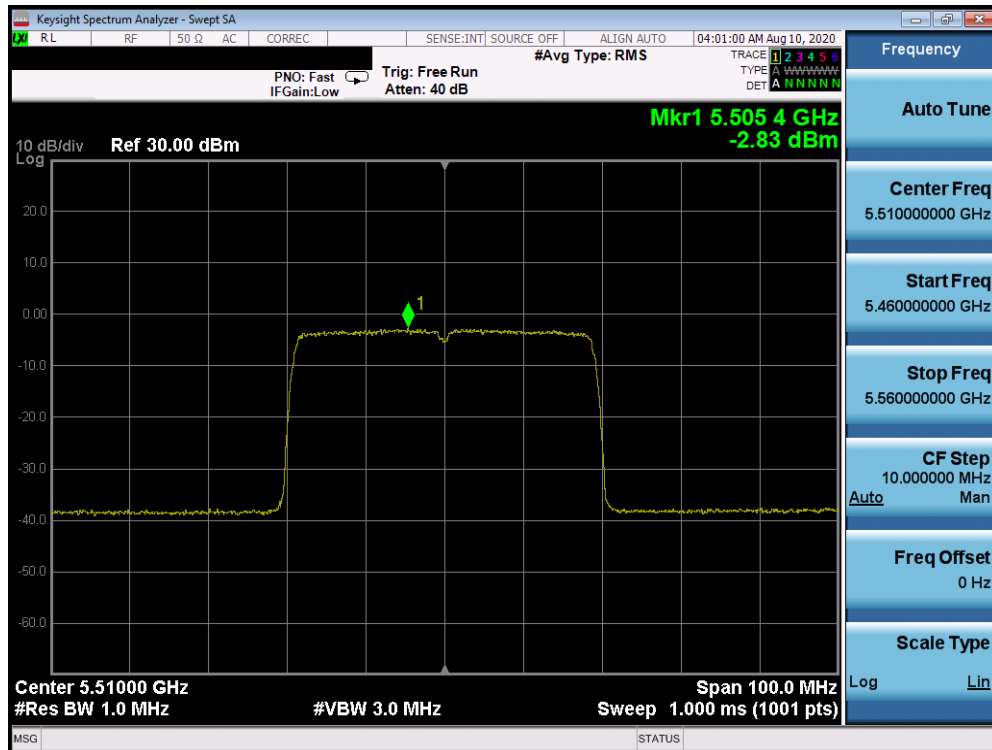


Plot 7-510. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 142)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 340 of 958                 |

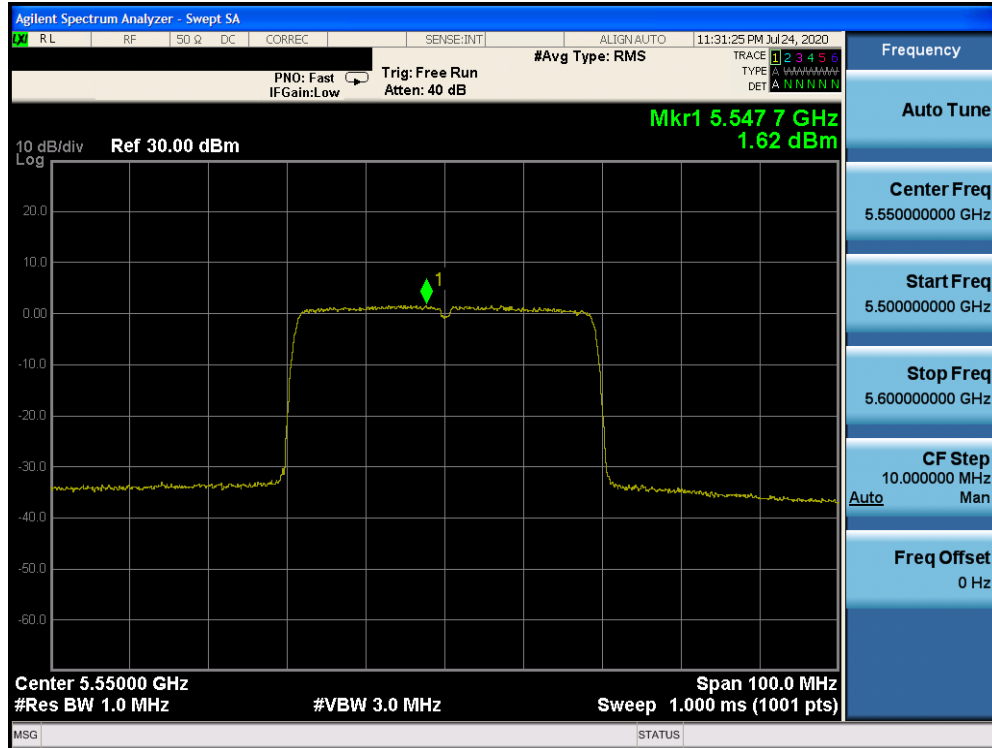


Plot 7-511. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 142)

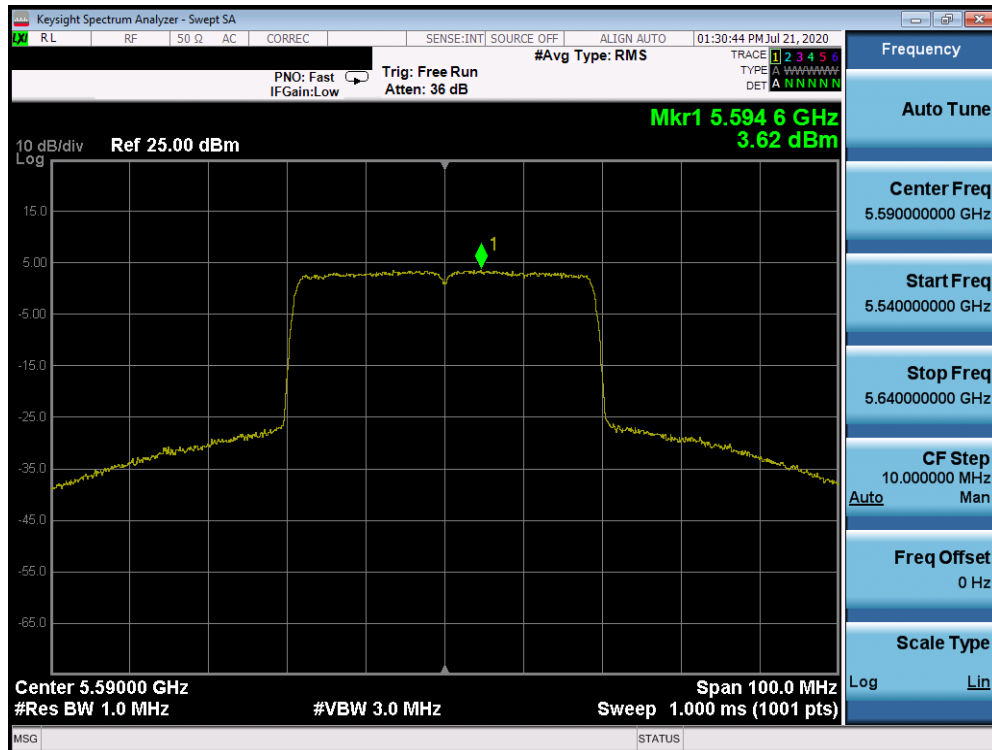


Plot 7-512. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 102)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 341 of 958                 |

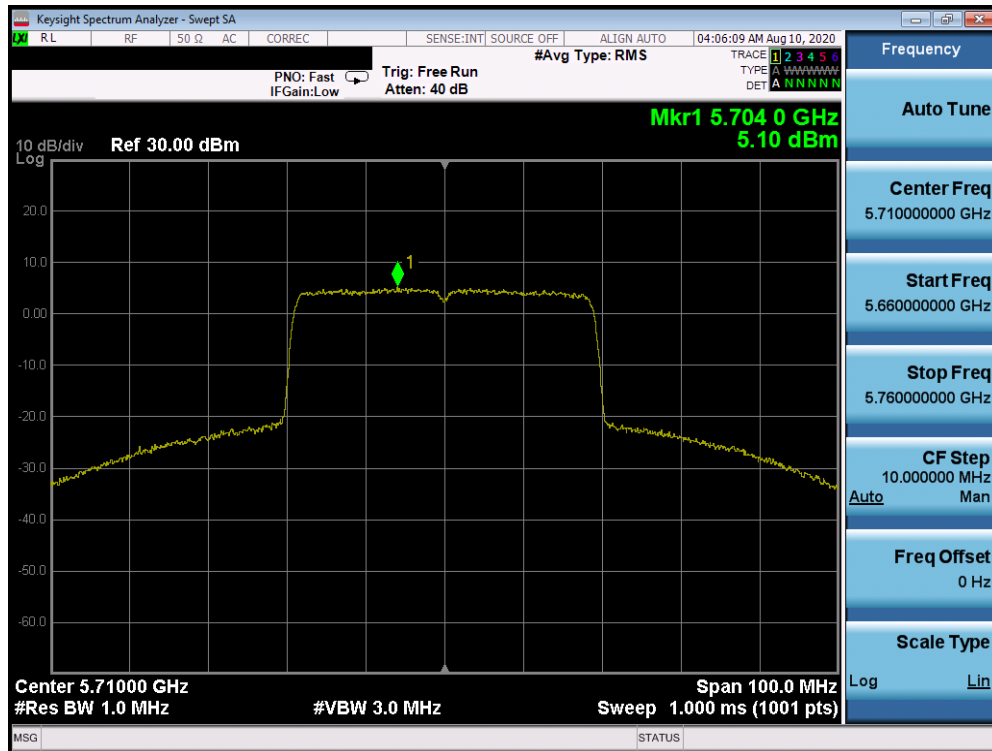


Plot 7-513. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 110)

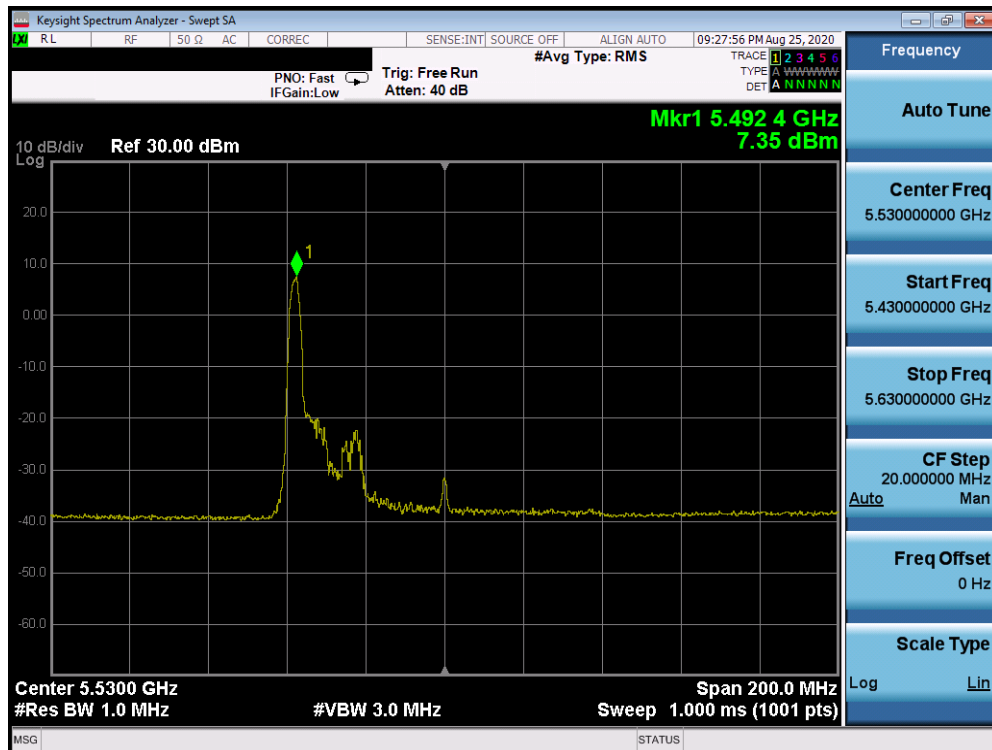


Plot 7-514. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 118)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 342 of 958                 |

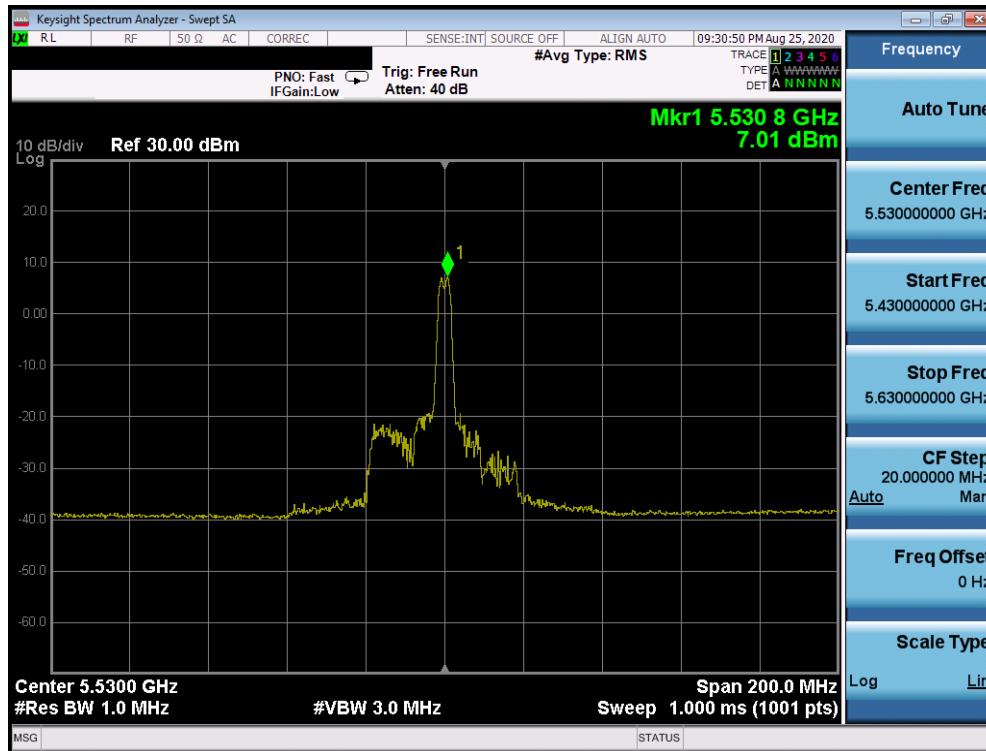


Plot 7-515. Power Spectral Density Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 142)

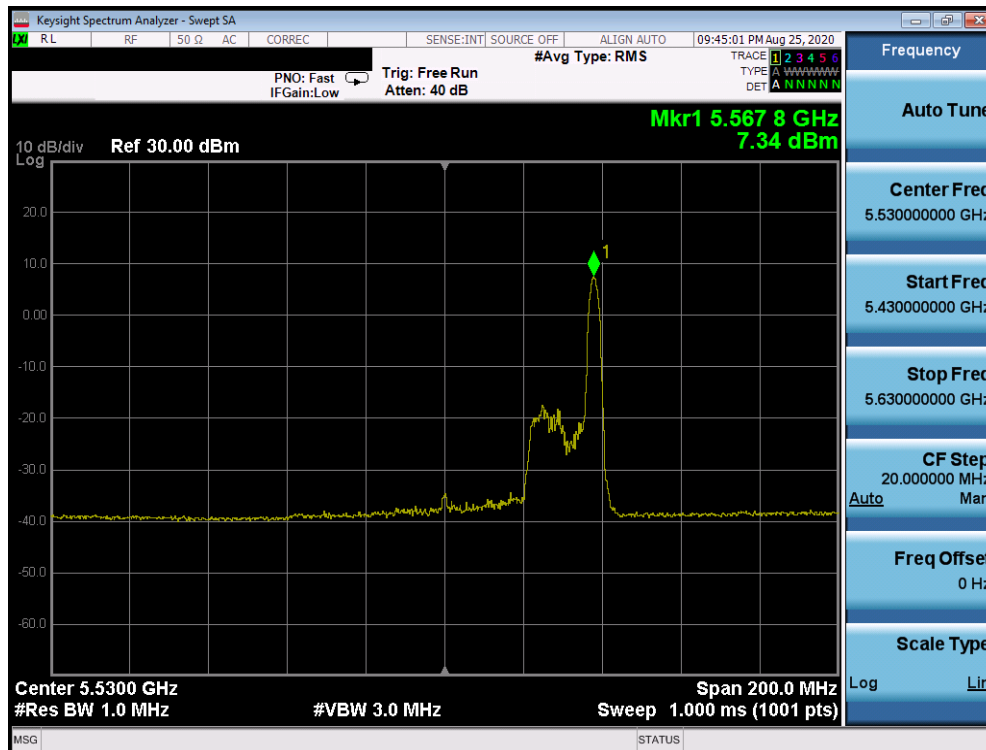


Plot 7-516. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 106)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 343 of 958                 |



Plot 7-517. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 106)

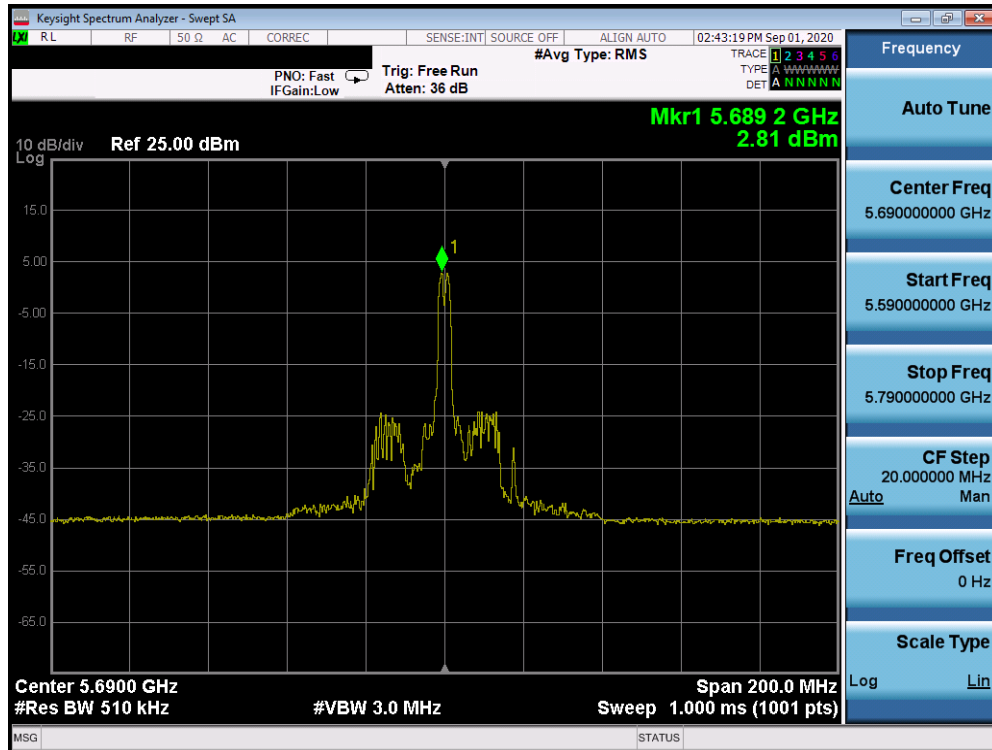


Plot 7-518. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 106)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 344 of 958                 |

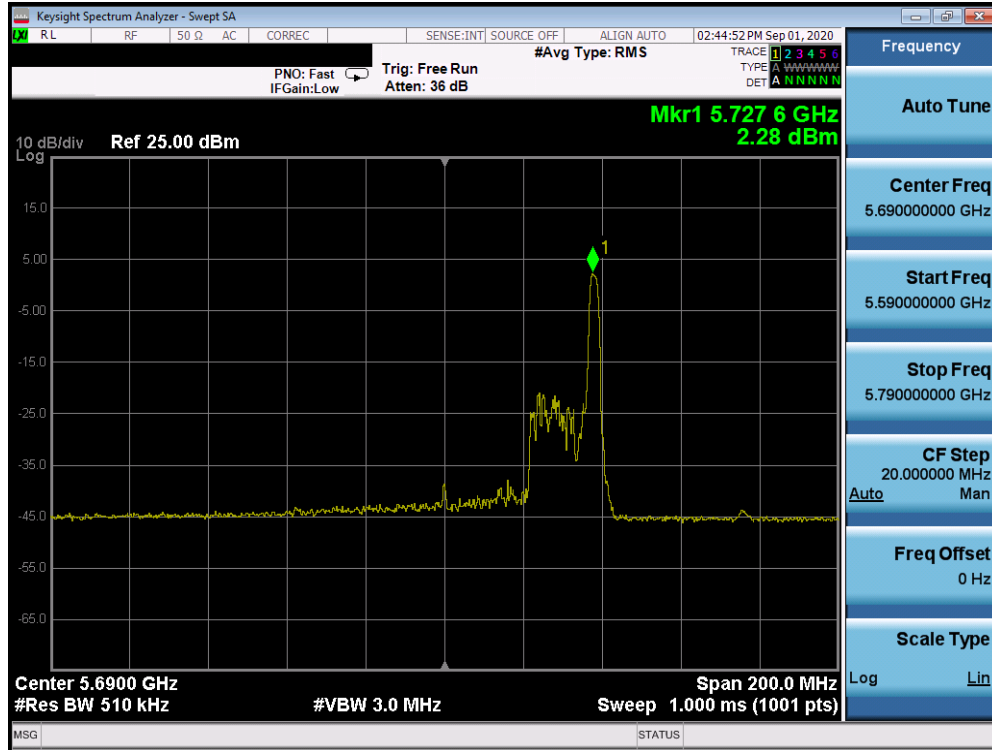


Plot 7-519. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 138)

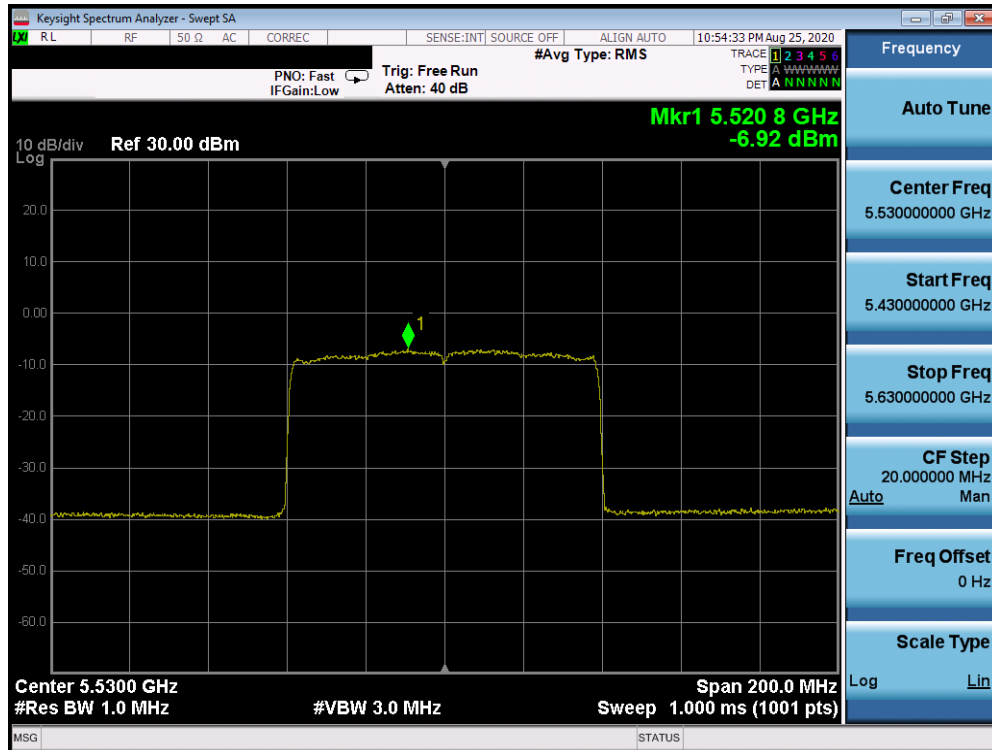


Plot 7-520. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 138)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 345 of 958                 |

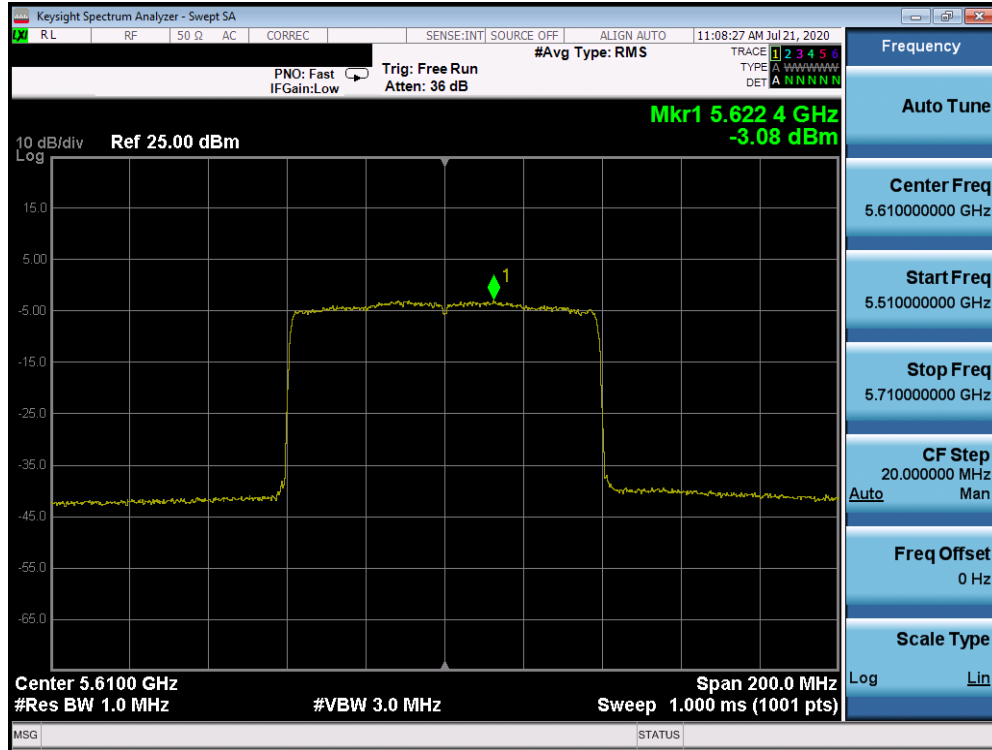


Plot 7-521. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 138)

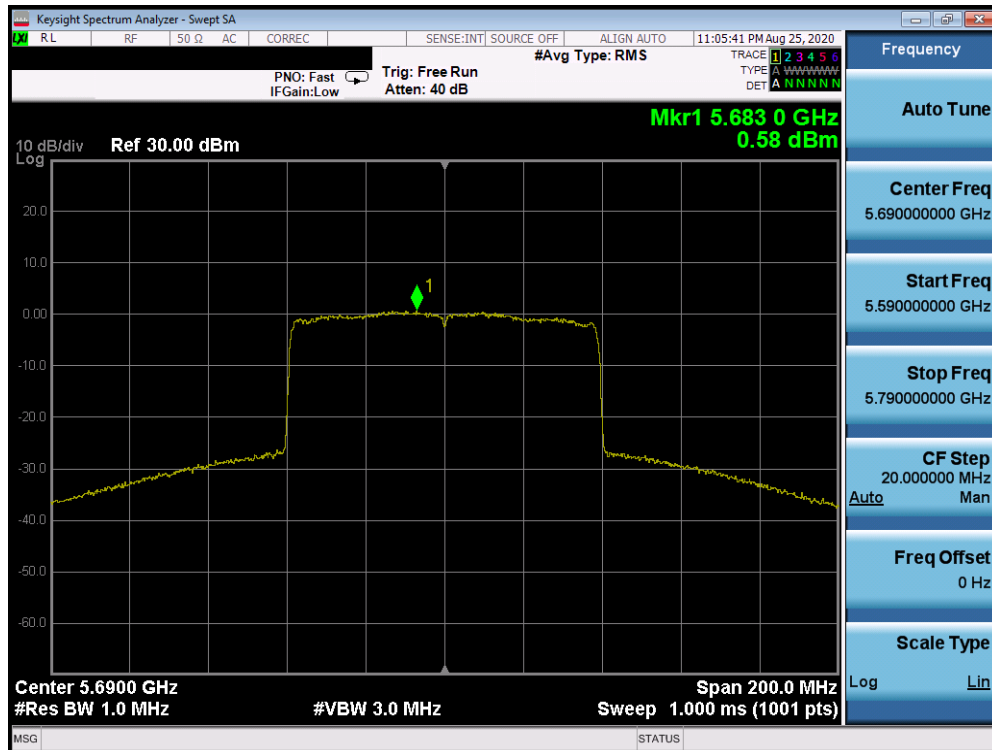


Plot 7-522. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 106)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 346 of 958                 |



Plot 7-523. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 122)



Plot 7-524. Power Spectral Density Plot Antenna 2a (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 138)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 347 of 958                 |

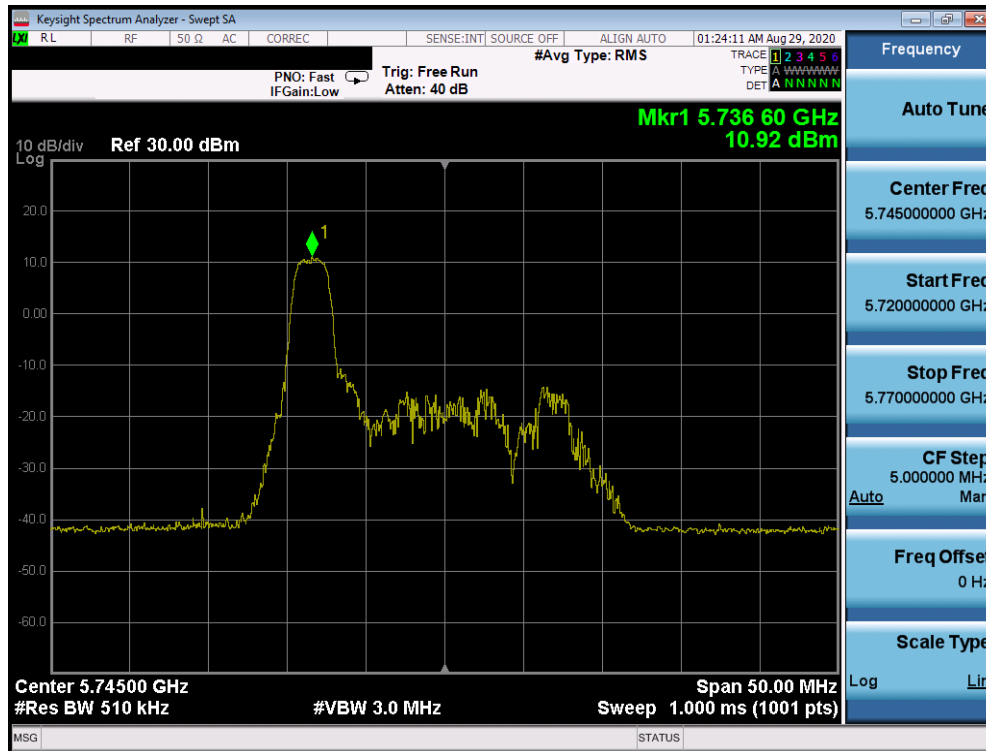
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|-------------------------------------|--------------------------------------------|-------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 10.92                               | 30.00                                      | -19.08      |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 11.15                               | 30.00                                      | -18.85      |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 10.89                               | 30.00                                      | -19.11      |
|        | 5785            | 157         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 11.17                               | 30.00                                      | -18.83      |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 10.77                               | 30.00                                      | -19.23      |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 10.50                               | 30.00                                      | -19.50      |
|        | 5825            | 165         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 10.53                               | 30.00                                      | -19.47      |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 10.80                               | 30.00                                      | -19.20      |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 10.59                               | 30.00                                      | -19.41      |
|        | 5755            | 151         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 10.05                               | 30.00                                      | -19.95      |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 10.92                               | 30.00                                      | -19.08      |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 10.38                               | 30.00                                      | -20.09      |
|        | 5795            | 159         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 10.45                               | 30.00                                      | -19.55      |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 10.69                               | 30.00                                      | -19.31      |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 9.91                                | 30.00                                      | -19.62      |
|        | 5775            | 155         | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 8.72                                | 30.00                                      | -21.28      |
|        |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 8.86                                | 30.00                                      | -21.14      |
|        |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 7.87                                | 30.00                                      | -22.13      |

Table 7-112. Band 3 Power Spectral Density Measurements Antenna 2a (RU26)

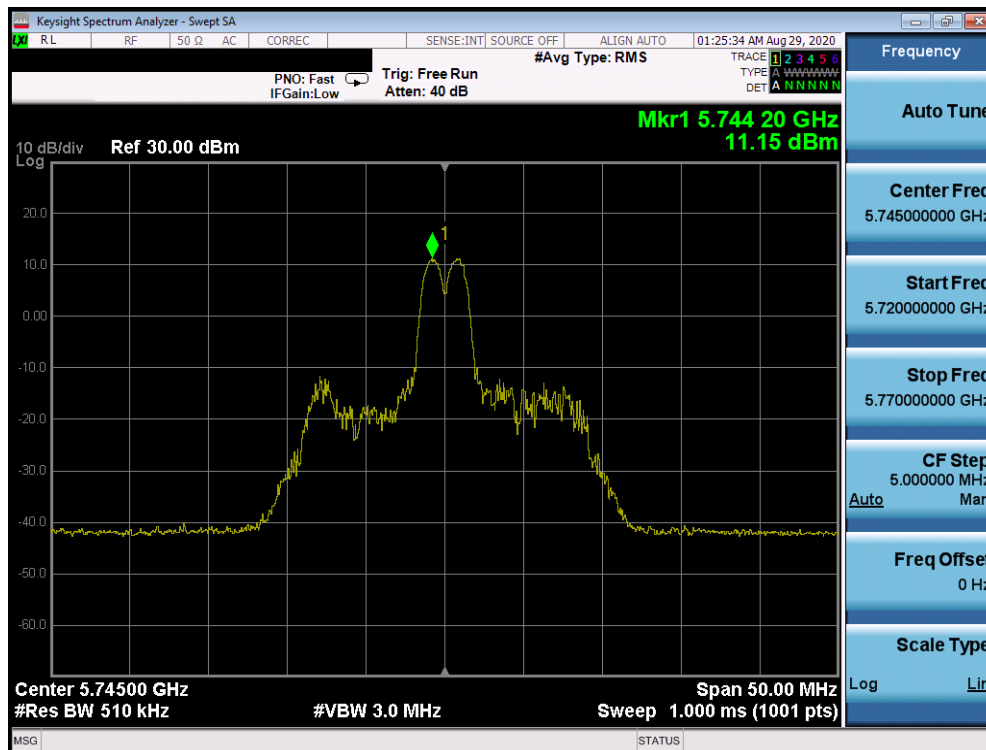
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|-------------------------------------|--------------------------------------------|-------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 5.42                                | 30.00                                      | -24.58      |
|        | 5785            | 157         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 4.68                                | 30.00                                      | -25.32      |
|        | 5825            | 165         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 4.84                                | 30.00                                      | -25.16      |
|        | 5755            | 151         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 2.64                                | 30.00                                      | -27.36      |
|        | 5795            | 159         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 2.37                                | 30.00                                      | -27.63      |
|        | 5775            | 155         | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | -5.77                               | 30.00                                      | -35.77      |

Table 7-113. Band 3 Power Spectral Density Measurements Antenna 2a (Fully-loaded RU)

|                                            |                                                                                                                                                                                                              |                                       |                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 348 of 958                 |

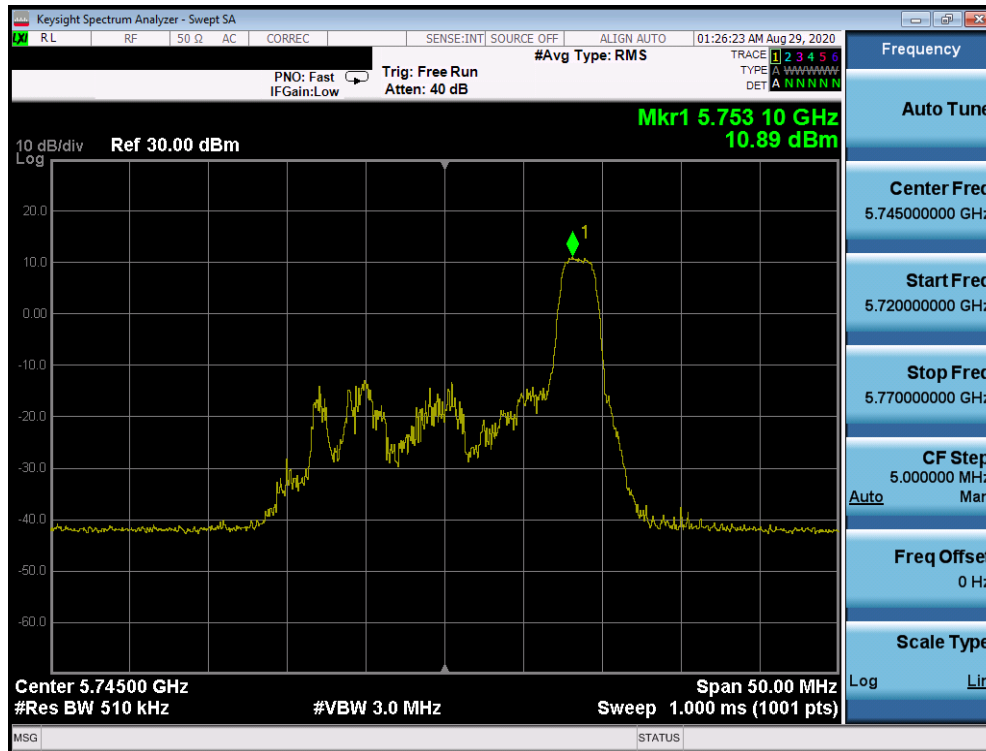


Plot 7-525. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

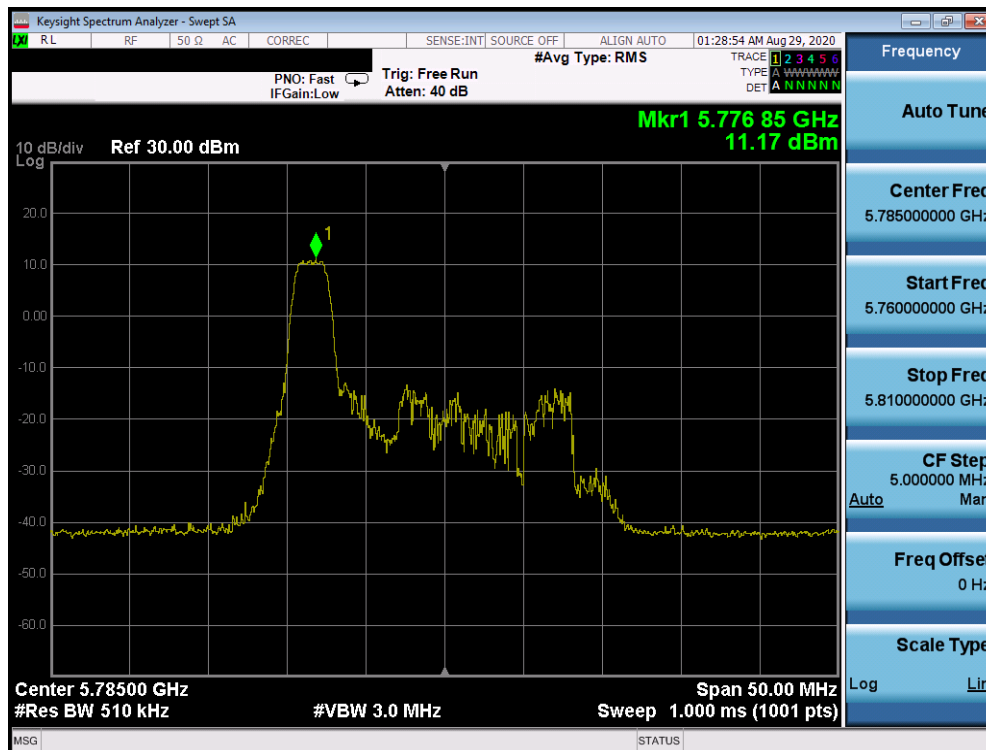


Plot 7-526. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 349 of 958                 |



Plot 7-527. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)



Plot 7-528. Power Spectral Density Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-13-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020       | EUT Type:<br>Tablet Device            | Page 350 of 958                 |