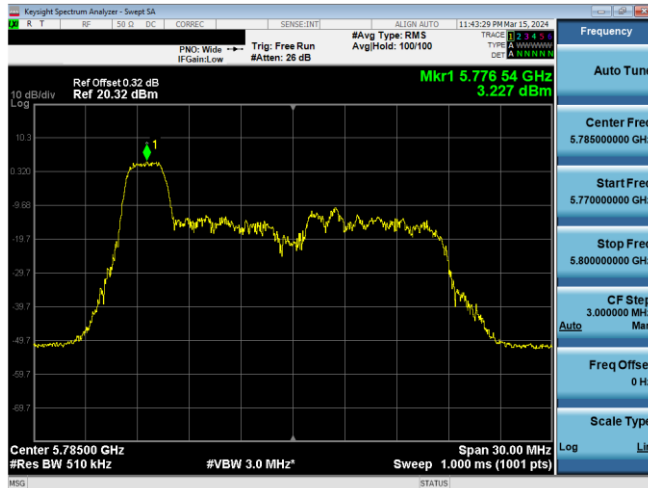
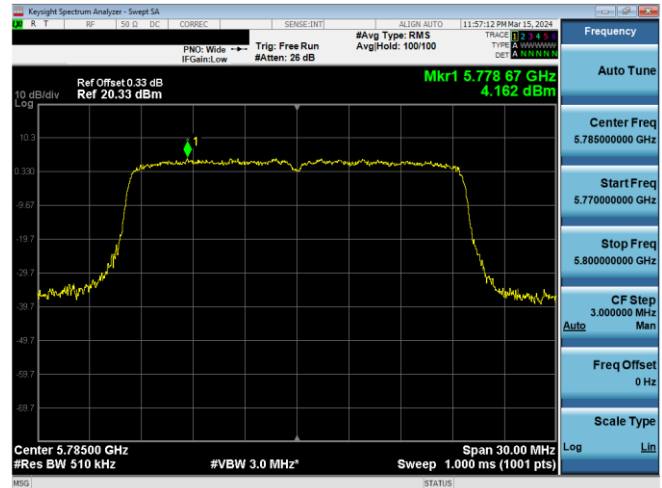
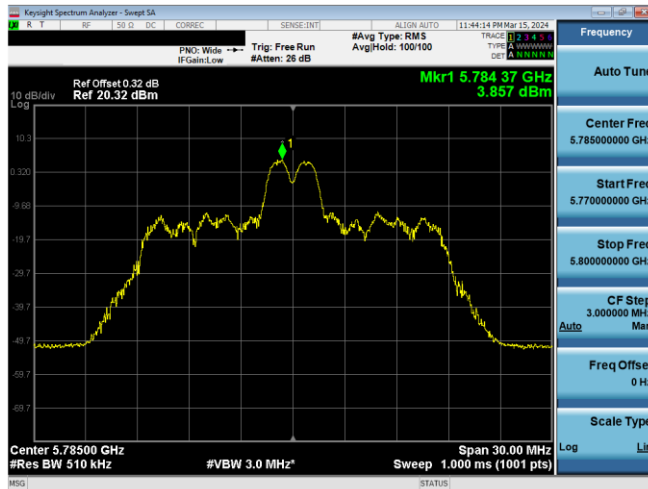




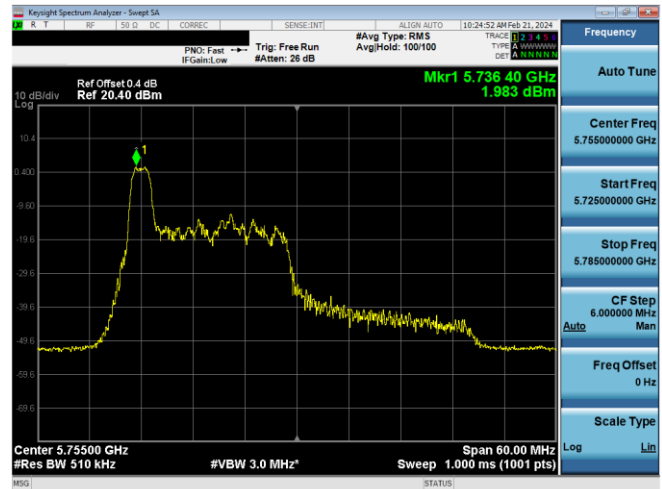
Plot 7-284. PSD Antenna 4a (20MHz BW 11ax Index 0 - RU26 - Ch.157)



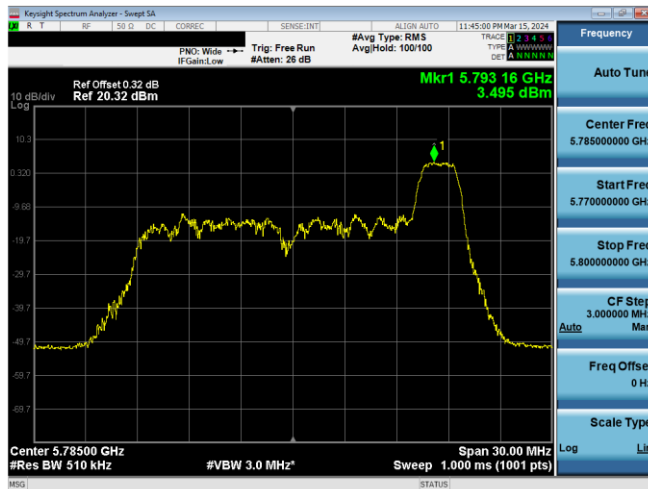
Plot 7-287. PSD Antenna 4a (20MHz BW 11ax - RU242 - Ch.157)



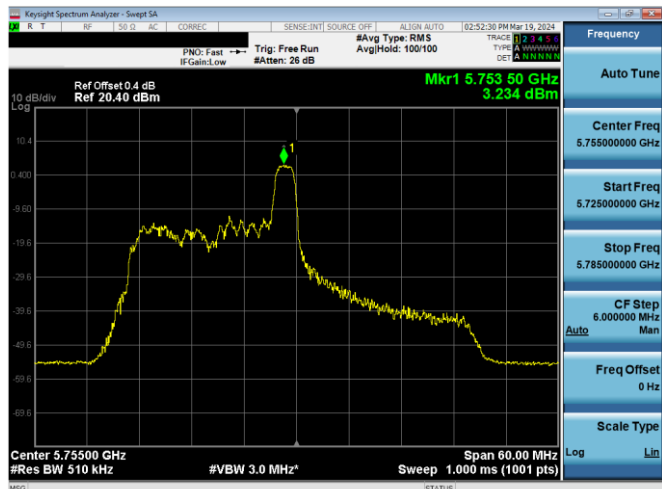
Plot 7-285. PSD Antenna 4a (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-288. PSD Antenna 4a (40MHz BW 11ax Index 0 - RU26 - Ch.151)

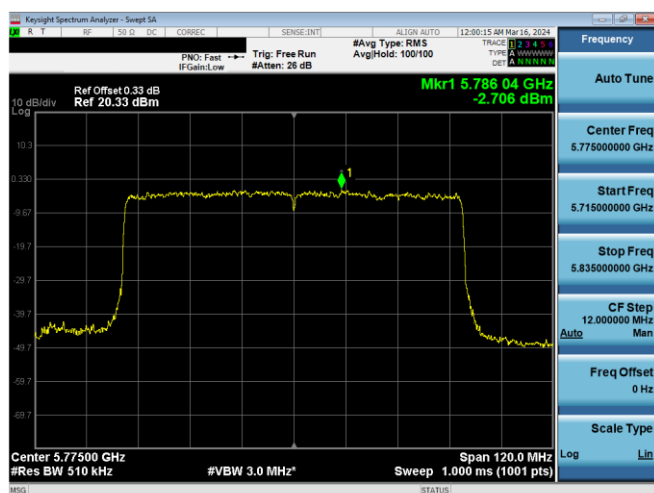
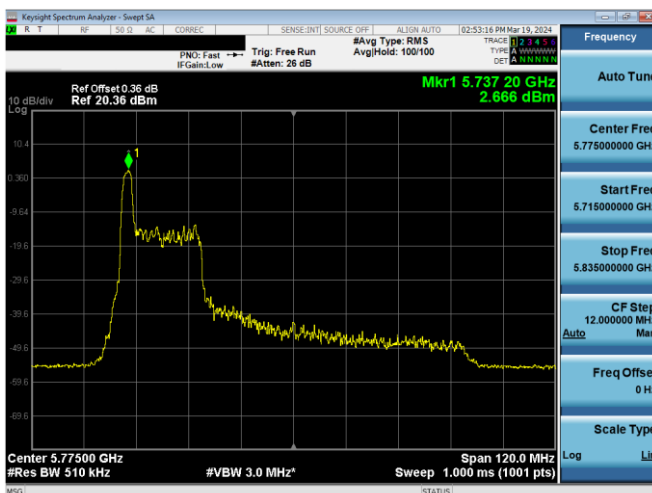
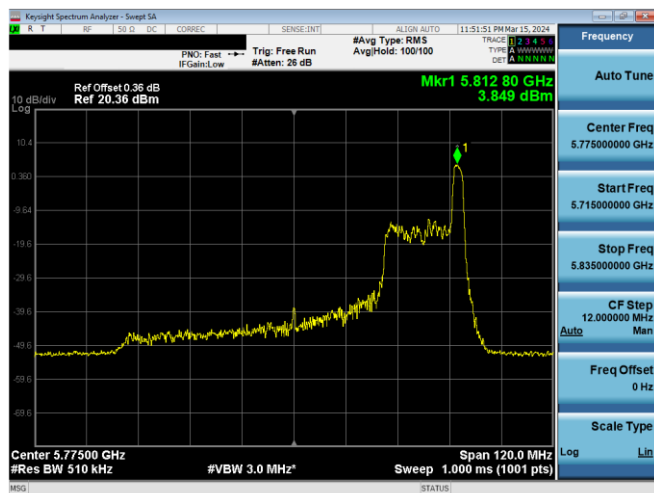
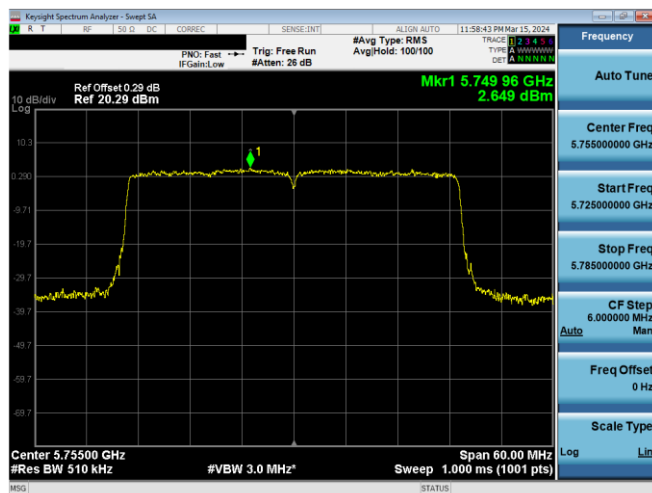
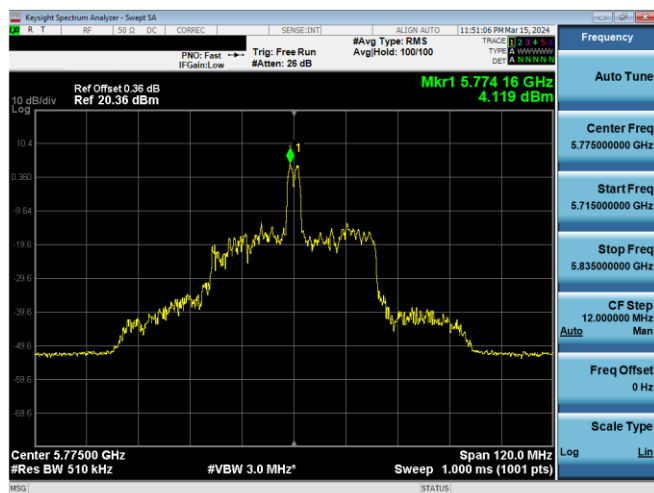
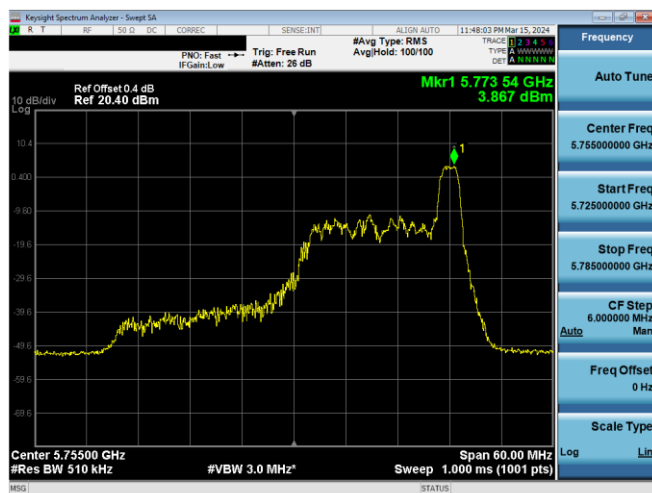


Plot 7-286. PSD Antenna 4a (20MHz BW 11ax Index 8 - RU26 - Ch.157)



Plot 7-289. PSD Antenna 4a (40MHz BW 11ax Index 8 - RU26 - Ch.151)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG |                                                                                     |                                       | Page 152 of 450                   |



|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 153 of 450                   |

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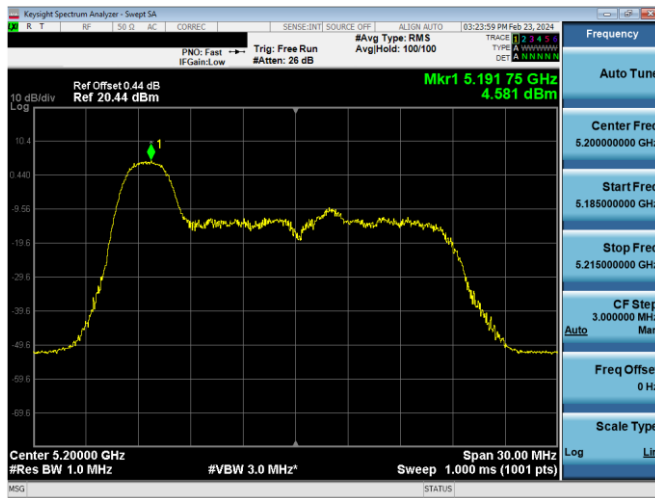
|        | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|----------------------------------|--------------------|----------------------------------|-------------------------------------------|-------------|
| Band 1 | 5180            | 36          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.92                             | -0.30              | 4.62                             | 10.0                                      | -5.38       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 3.74                             | -0.30              | 3.44                             | 10.0                                      | -6.56       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 4.49                             | -0.30              | 4.19                             | 10.0                                      | -5.82       |
|        | 5200            | 40          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.58                             | -0.30              | 4.28                             | 10.0                                      | -5.72       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 4.01                             | -0.30              | 3.71                             | 10.0                                      | -6.29       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 4.90                             | -0.30              | 4.60                             | 10.0                                      | -5.40       |
|        | 5240            | 48          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.92                             | -0.30              | 4.62                             | 10.0                                      | -5.38       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 4.22                             | -0.30              | 3.92                             | 10.0                                      | -6.09       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 5.02                             | -0.30              | 4.72                             | 10.0                                      | -5.28       |
|        | 5190            | 38          | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.87                             | -0.30              | 4.57                             | 10.0                                      | -5.43       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 4.73                             | -0.30              | 4.43                             | 10.0                                      | -5.57       |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 4.69                             | -0.30              | 4.39                             | 10.0                                      | -5.61       |
|        | 5230            | 46          | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.77                             | -0.30              | 4.47                             | 10.0                                      | -5.54       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 4.86                             | -0.30              | 4.56                             | 10.0                                      | -5.44       |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 4.93                             | -0.30              | 4.63                             | 10.0                                      | -5.38       |
|        | 5210            | 42          | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.98                             | -0.30              | 4.68                             | 10.0                                      | -5.32       |
|        |                 |             |             | 26      | 18       | 12.5/14.7 (MCS11) | 4.05                             | -0.30              | 3.75                             | 10.0                                      | -6.26       |
|        |                 |             |             | 26      | 36       | 12.5/14.7 (MCS11) | 4.99                             | -0.30              | 4.69                             | 10.0                                      | -5.31       |
|        | 5250            | 50 (L)      | ax (160MHz) | 52      | 37       | 25/29.4 (MCS11)   | 4.18                             | -0.30              | 3.88                             | 10.0                                      | -6.12       |
|        |                 |             |             | 52      | 52       | 25/29.4 (MCS11)   | 4.86                             | -0.30              | 4.56                             | 10.0                                      | -5.44       |

Table 7-179. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (RU26/RU52)

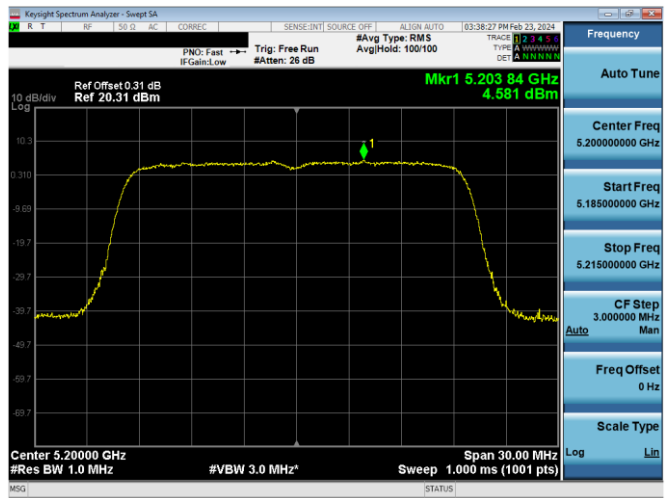
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|----------------------------------|-------------------------------------------|-------------|
| Band 1 | 5180            | 36      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 3.81                             | -0.30              | 3.51                             | 10.0                                      | -6.49       |
|        | 5200            | 40      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 4.58                             | -0.30              | 4.28                             | 10.0                                      | -5.72       |
|        | 5240            | 48      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 4.82                             | -0.30              | 4.52                             | 10.0                                      | -5.48       |
|        | 5190            | 38      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -1.10                            | -0.30              | -1.40                            | 10.0                                      | -11.40      |
|        | 5230            | 46      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.00                             | -0.30              | 3.70                             | 10.0                                      | -6.30       |
|        | 5210            | 42      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -4.79                            | -0.30              | -5.09                            | 10.0                                      | -15.09      |
|        | 5250            | 50      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -9.76                            | -0.30              | -10.06                           | 10.0                                      | -20.06      |

Table 7-180. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (Fully-loaded RU)

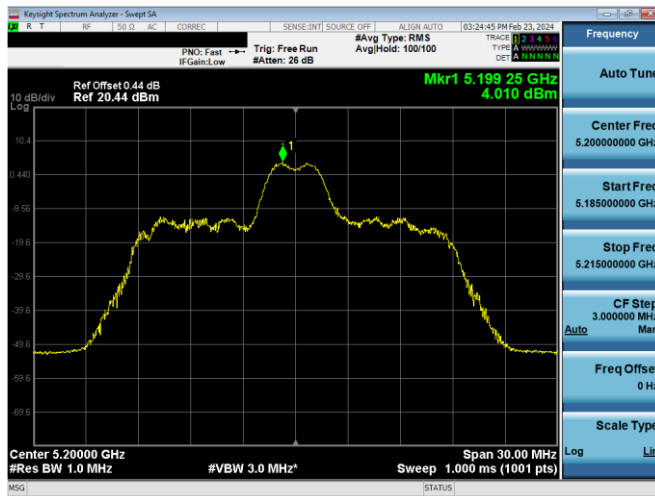
|                                         |                                                                                                                                   |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                                                                             | EUT Type:<br>Tablet Device | Page 154 of 450                   |



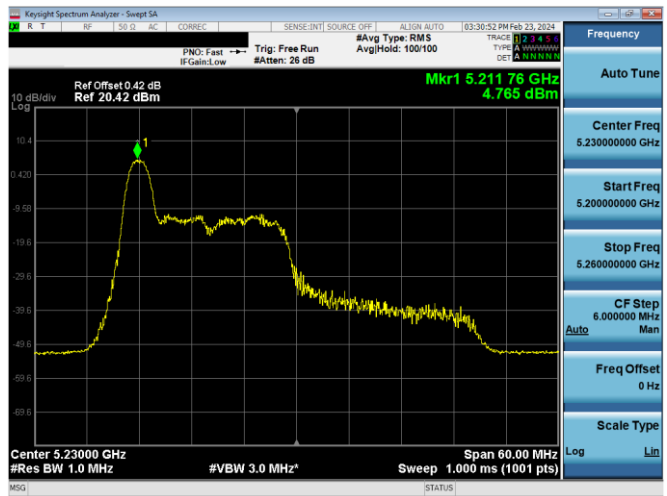
Plot 7-296. ISED PSD Antenna 4a (20MHz BW 11ax Index 0 - RU26 - Ch.40)



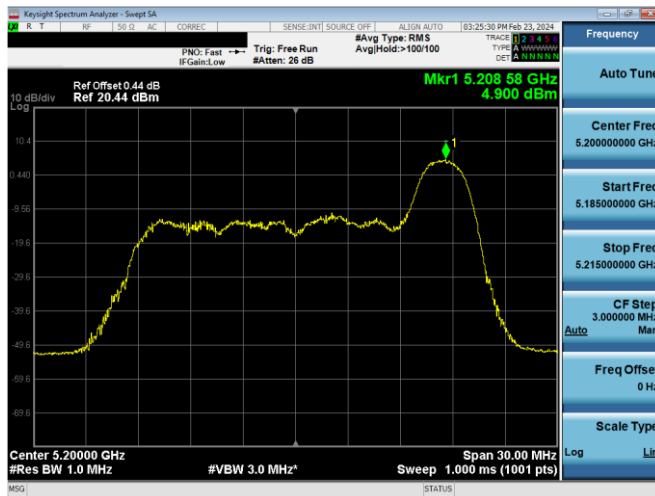
Plot 7-299. ISED PSD Antenna 4a (20MHz BW 11ax- RU242 - Ch.40)



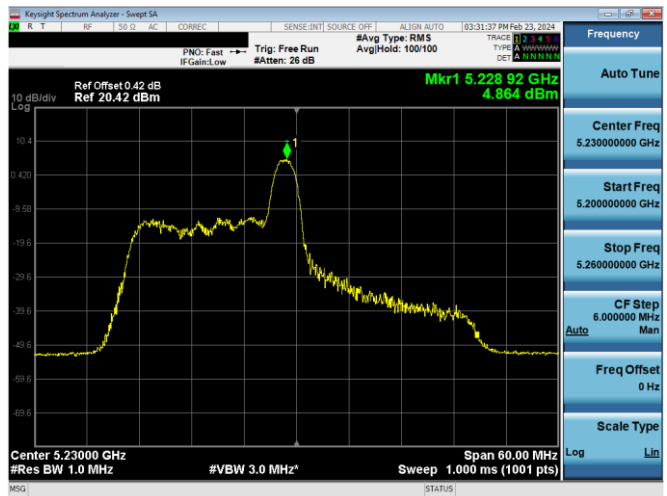
Plot 7-297. ISED PSD Antenna 4a (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-300. ISED PSD Antenna 4a (40MHz BW 11ax Index 0 - RU26 - Ch.46)

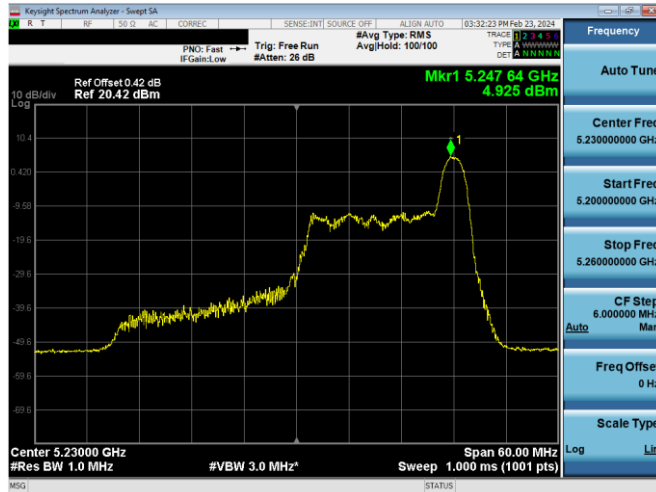


Plot 7-298. ISED PSD Antenna 4a (20MHz BW 11ax Index 8- RU26 - Ch.40)

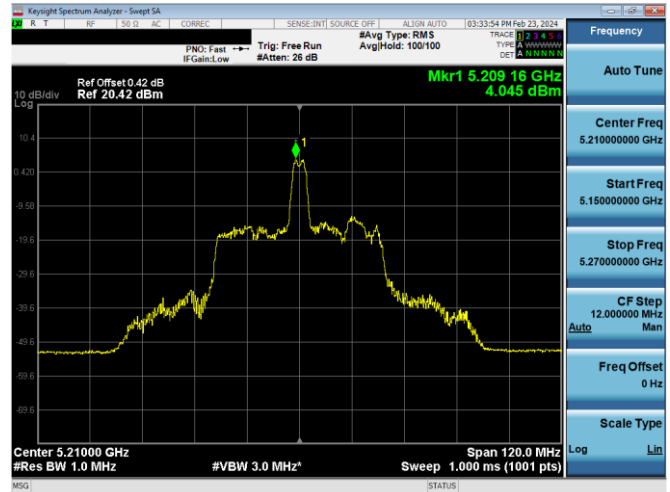


Plot 7-301. ISED PSD Antenna 4a (40MHz BW 11ax Index 8 - RU26 - Ch.46)

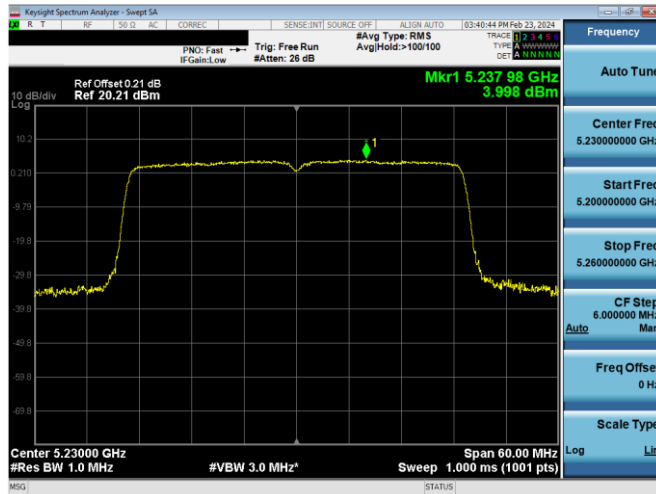
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 155 of 450                   |



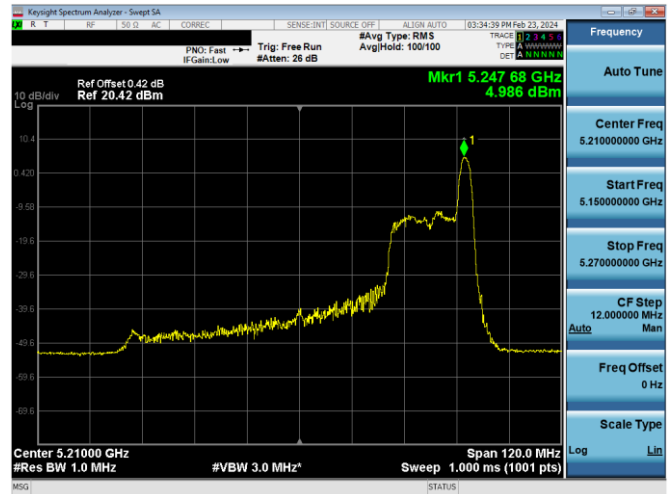
Plot 7-302. ISED PSD Antenna 4a (40MHz BW 11ax Index 17 - RU26 - Ch.46)



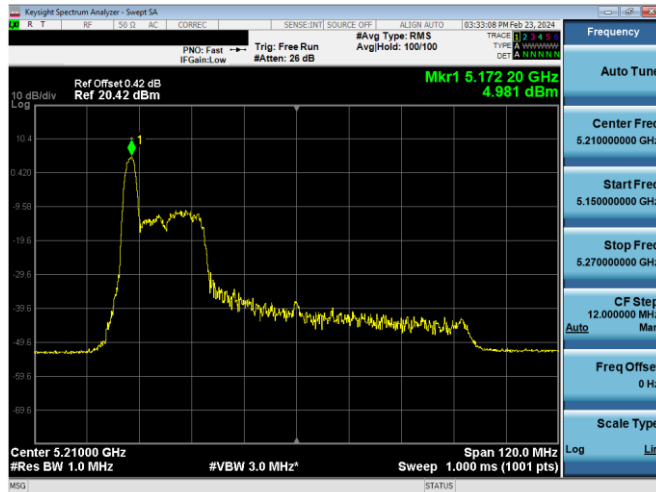
Plot 7-305. ISED PSD Antenna 4a (80MHz BW 11ax Index 18 - RU26 - Ch.42)



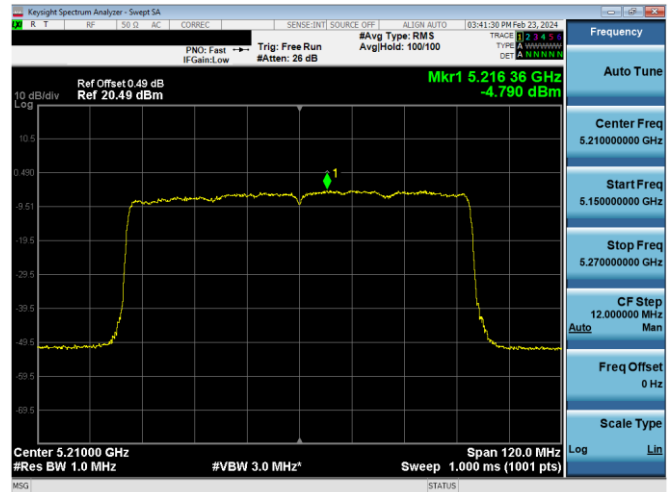
Plot 7-303. ISED PSD Antenna 4a (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-306. ISED PSD Antenna 4a (80MHz BW 11ax Index 36 - RU26 - Ch.42)

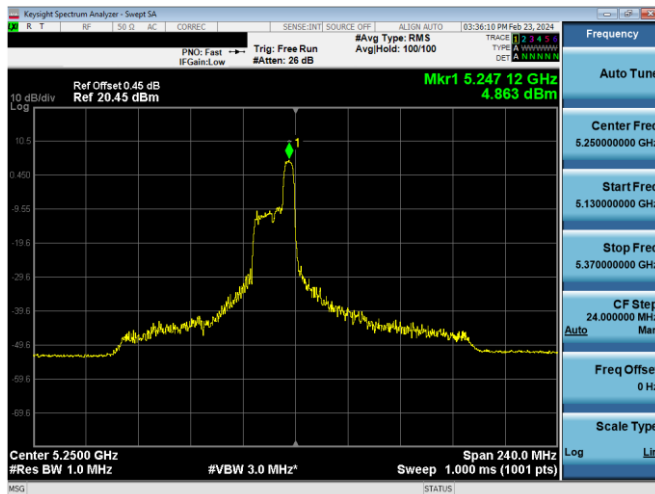
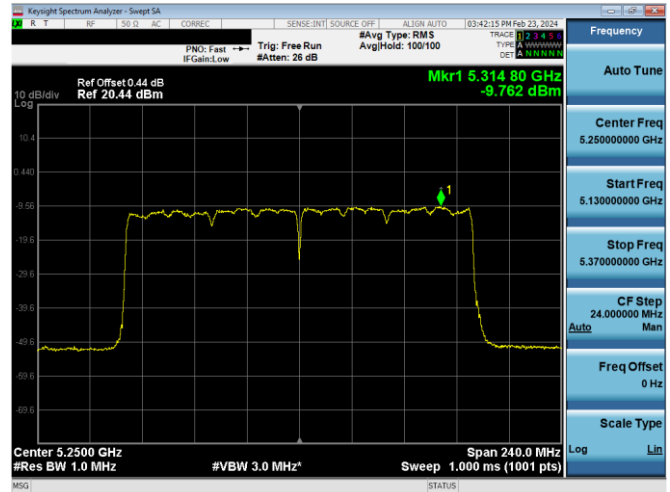
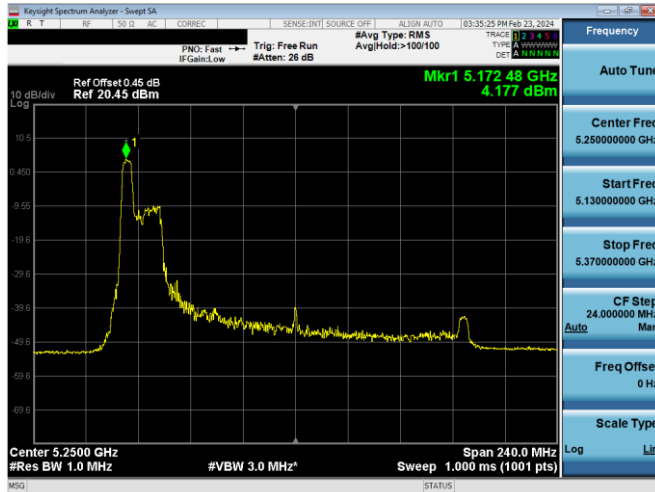


Plot 7-304. ISED PSD Antenna 4a (80MHz BW 11ax Index 0 - RU26 - Ch.42)



Plot 7-307. ISED PSD Antenna 4a (80MHz BW 11ax - RU996 - Ch.42)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 156 of 450                   |



|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 157 of 450                   |

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## 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        | 12.5/14.7 (MCS11) | 6.50                             | 11.0                        | -4.50       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 5.97                             | 11.0                        | -5.03       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.27                             | 11.0                        | -4.73       |
|        | 5200            | 40          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.55                             | 11.0                        | -4.45       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 6.28                             | 11.0                        | -4.72       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.07                             | 11.0                        | -4.93       |
|        | 5240            | 48          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.29                             | 11.0                        | -4.71       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 5.13                             | 11.0                        | -5.87       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 5.93                             | 11.0                        | -5.07       |
|        | 5190            | 38          | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.31                             | 11.0                        | -4.69       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 7.01                             | 11.0                        | -3.99       |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 6.76                             | 11.0                        | -4.24       |
|        | 5230            | 46          | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 7.02                             | 11.0                        | -3.98       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 7.24                             | 11.0                        | -3.76       |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 6.96                             | 11.0                        | -4.04       |
|        | 5210            | 42          | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.49                             | 11.0                        | -4.51       |
|        |                 |             |             | 26      | 18       | 12.5/14.7 (MCS11) | 5.57                             | 11.0                        | -5.43       |
|        |                 |             |             | 26      | 36       | 12.5/14.7 (MCS11) | 6.28                             | 11.0                        | -4.72       |

Table 7-181. Bands 1 Power Spectral Density Measurements Antenna 2a (RU26)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 158 of 450                   |

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|           | Frequency<br>[MHz] | Channel<br>No. | 802.11<br>MODE | RU Size | RU Index        | Data Rate [Mbps] | Measured Power<br>Density<br>[dBm/MHz] | Max Power<br>Density<br>[dBm/MHz] | Margin<br>[dB] |
|-----------|--------------------|----------------|----------------|---------|-----------------|------------------|----------------------------------------|-----------------------------------|----------------|
| Band 1/2A | 5250               | 50 (L)         | ax (160MHz)    | 52      | 37              | 25/29.4 (MCS11)  | 4.66                                   | 11.0                              | -6.35          |
|           |                    | 50 (U)         |                | 52      | 52              | 25/29.4 (MCS11)  | 4.48                                   | 11.0                              | -6.52          |
|           |                    | 52             |                | 52      | 25/29.4 (MCS11) | 4.68             | 11.0                                   | -6.32                             |                |
| Band 2A   | 5260               | 52             | ax (20MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.42                                   | 11.0                              | -4.58          |
|           |                    |                |                | 52      | 38              | 25/29.4 (MCS11)  | 6.60                                   | 11.0                              | -4.40          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 6.64                                   | 11.0                              | -4.36          |
|           | 5300               | 60             | ax (20MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.18                                   | 11.0                              | -4.82          |
|           |                    |                |                | 52      | 38              | 25/29.4 (MCS11)  | 6.80                                   | 11.0                              | -4.20          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 6.86                                   | 11.0                              | -4.14          |
|           | 5320               | 64             | ax (20MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.44                                   | 11.0                              | -4.56          |
|           |                    |                |                | 52      | 38              | 25/29.4 (MCS11)  | 6.23                                   | 11.0                              | -4.77          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 6.32                                   | 11.0                              | -4.68          |
|           | 5270               | 54             | ax (40MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 7.52                                   | 11.0                              | -3.48          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 7.12                                   | 11.0                              | -3.88          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.73                                   | 11.0                              | -4.27          |
|           | 5310               | 62             | ax (40MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.35                                   | 11.0                              | -4.65          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 6.90                                   | 11.0                              | -4.10          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.53                                   | 11.0                              | -4.47          |
|           | 5290               | 58             | ax (80MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 7.19                                   | 11.0                              | -3.82          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.86                                   | 11.0                              | -4.14          |
|           |                    |                |                | 52      | 52              | 25/29.4 (MCS11)  | 6.13                                   | 11.0                              | -4.87          |
| Band 2C   | 5500               | 100            | ax (20MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.60                                   | 11.0                              | -4.40          |
|           |                    |                |                | 52      | 38              | 25/29.4 (MCS11)  | 6.40                                   | 11.0                              | -4.60          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 5.97                                   | 11.0                              | -5.03          |
|           | 5580               | 116            | ax (20MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.12                                   | 11.0                              | -4.89          |
|           |                    |                |                | 52      | 38              | 25/29.4 (MCS11)  | 6.38                                   | 11.0                              | -4.62          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 6.27                                   | 11.0                              | -4.73          |
|           | 5720               | 144            | ax (20MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.31                                   | 11.0                              | -4.69          |
|           |                    |                |                | 52      | 38              | 25/29.4 (MCS11)  | 7.08                                   | 11.0                              | -3.92          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 6.32                                   | 11.0                              | -4.68          |
|           | 5510               | 102            | ax (40MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.76                                   | 11.0                              | -4.24          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 7.29                                   | 11.0                              | -3.72          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.25                                   | 11.0                              | -4.75          |
|           | 5550               | 110            | ax (40MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.89                                   | 11.0                              | -4.11          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 7.23                                   | 11.0                              | -3.77          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.11                                   | 11.0                              | -4.89          |
|           | 5710               | 142            | ax (40MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.18                                   | 11.0                              | -4.82          |
|           |                    |                |                | 52      | 40              | 25/29.4 (MCS11)  | 6.76                                   | 11.0                              | -4.24          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.18                                   | 11.0                              | -4.82          |
|           | 5530               | 106            | ax (80MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.40                                   | 11.0                              | -4.60          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.52                                   | 11.0                              | -4.49          |
|           |                    |                |                | 52      | 52              | 25/29.4 (MCS11)  | 6.23                                   | 11.0                              | -4.77          |
|           | 5610*              | 122            | ax (80MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.51                                   | 11.0                              | -4.49          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.54                                   | 11.0                              | -4.46          |
|           |                    |                |                | 52      | 52              | 25/29.4 (MCS11)  | 5.84                                   | 11.0                              | -5.16          |
|           | 5690               | 138            | ax (80MHz)     | 52      | 37              | 25/29.4 (MCS11)  | 6.18                                   | 11.0                              | -4.82          |
|           |                    |                |                | 52      | 44              | 25/29.4 (MCS11)  | 6.34                                   | 11.0                              | -4.67          |
|           |                    |                |                | 52      | 52              | 25/29.4 (MCS11)  | 6.33                                   | 11.0                              | -4.67          |
|           | 5570*              | 114 (L)        | ax (160MHz)    | 52      | 37              | 25/29.4 (MCS11)  | 4.42                                   | 11.0                              | -6.59          |
|           |                    | 114 (U)        |                | 52      | 52              | 25/29.4 (MCS11)  | 2.97                                   | 11.0                              | -8.04          |
|           |                    |                |                | 52      | 52              | 25/29.4 (MCS11)  | 3.45                                   | 11.0                              | -7.55          |

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

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

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 159 of 450                   |

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|           | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|-----------------------------|-------------|
| Band 1    | 5180            | 36      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 3.95                             | 11.0                        | -7.05       |
|           | 5200            | 40      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.65                             | 11.0                        | -4.35       |
|           | 5240            | 48      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.73                             | 11.0                        | -4.27       |
|           | 5190            | 38      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -0.59                            | 11.0                        | -11.59      |
|           | 5230            | 46      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.87                             | 11.0                        | -6.14       |
|           | 5210            | 42      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -4.21                            | 11.0                        | -15.21      |
| Band 1/2A | 5250            | 50      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -7.86                            | 11.0                        | -18.86      |
| Band 2A   | 5260            | 52      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 7.47                             | 11.0                        | -3.54       |
|           | 5300            | 60      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.45                             | 11.0                        | -4.55       |
|           | 5320            | 64      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 4.99                             | 11.0                        | -6.01       |
|           | 5270            | 54      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.87                             | 11.0                        | -6.13       |
|           | 5310            | 62      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -0.31                            | 11.0                        | -11.31      |
|           | 5290            | 58      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -2.88                            | 11.0                        | -13.88      |
| Band 2C   | 5500            | 100     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 2.59                             | 11.0                        | -8.41       |
|           | 5580            | 116     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.26                             | 11.0                        | -4.74       |
|           | 5720            | 144     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.44                             | 11.0                        | -4.56       |
|           | 5510            | 102     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -1.28                            | 11.0                        | -12.28      |
|           | 5550            | 110     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 2.79                             | 11.0                        | -8.21       |
|           | 5710            | 142     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 4.06                             | 11.0                        | -6.94       |
|           | 5530            | 106     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -4.68                            | 11.0                        | -15.68      |
|           | 5610*           | 122     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -1.50                            | 11.0                        | -12.50      |
|           | 5690            | 138     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | 0.79                             | 11.0                        | -10.21      |
|           | 5570*           | 114     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -10.70                           | 11.0                        | -21.70      |

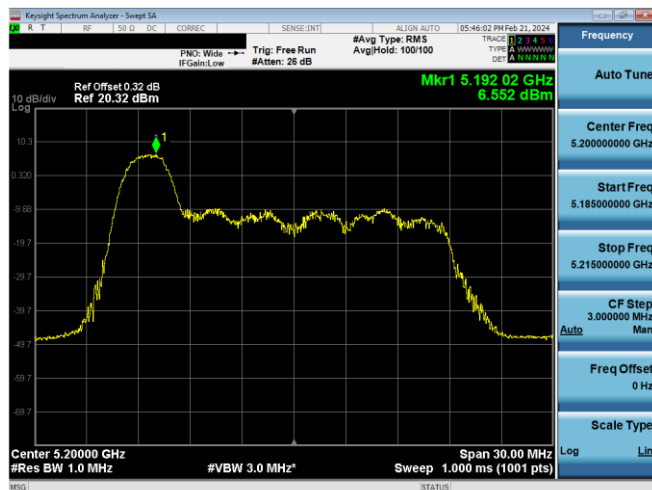
**Table 7-183. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2a (Fully-loaded RU)**

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

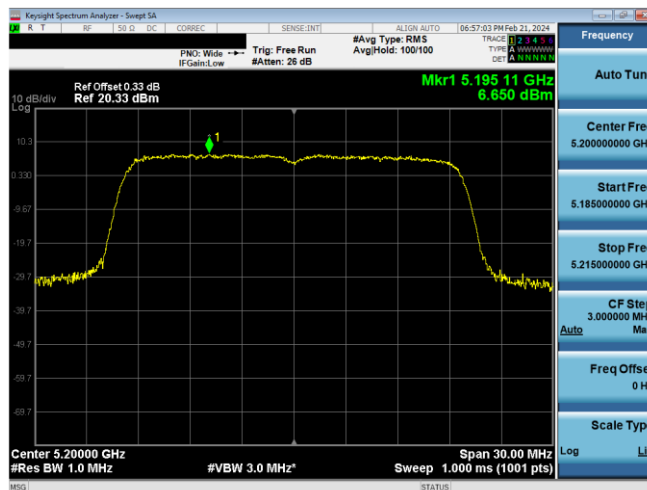
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 160 of 450                   |

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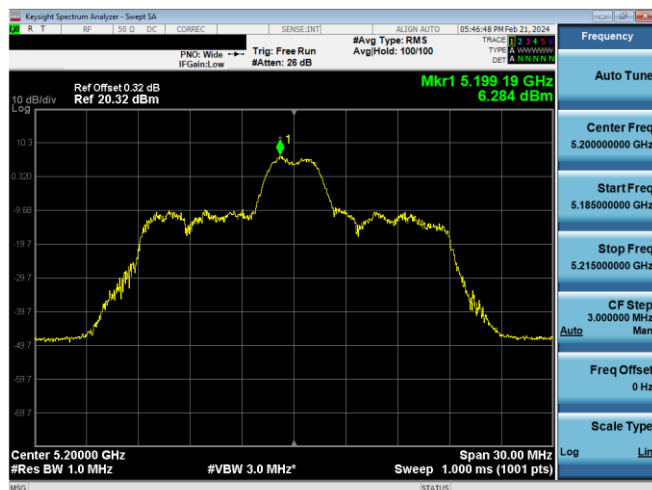
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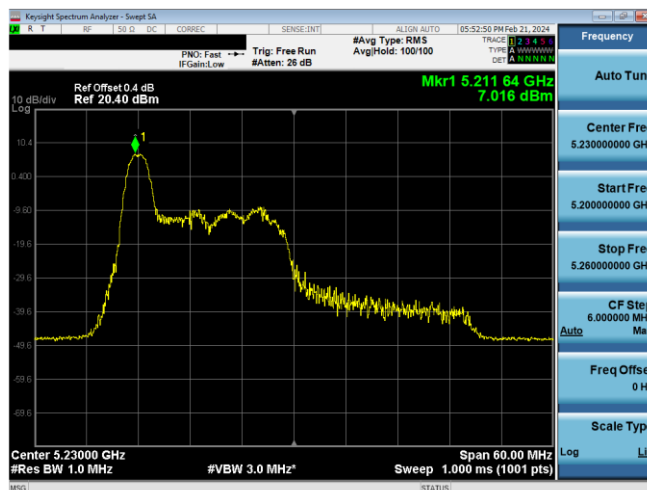
Plot 7-311. PSD Antenna 2a (20MHz BW 11ax Index 0 - RU26 - Ch.40)



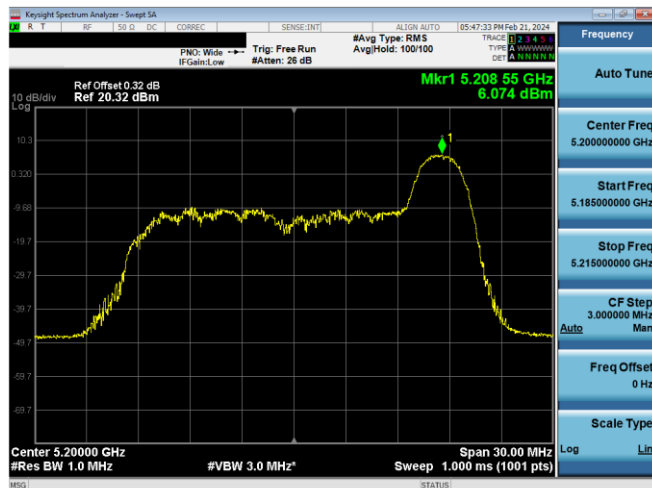
Plot 7-314. PSD Antenna 2a (20MHz BW 11ax- RU242 - Ch.40)



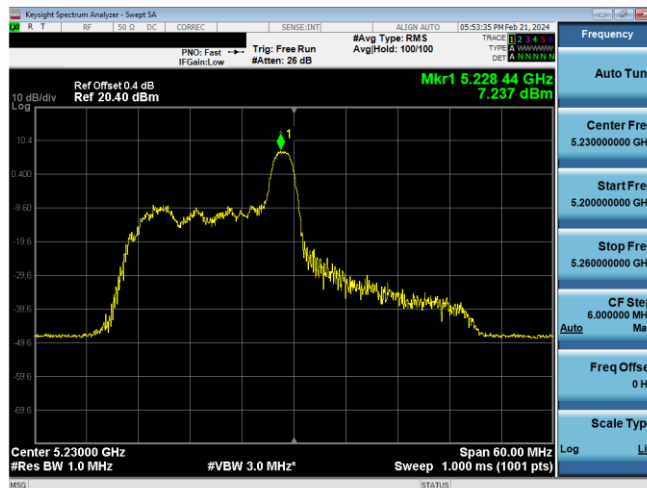
Plot 7-312. PSD Antenna 2a (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-315. PSD Antenna 2a (40MHz BW 11ax Index 0 - RU26 - Ch.46)

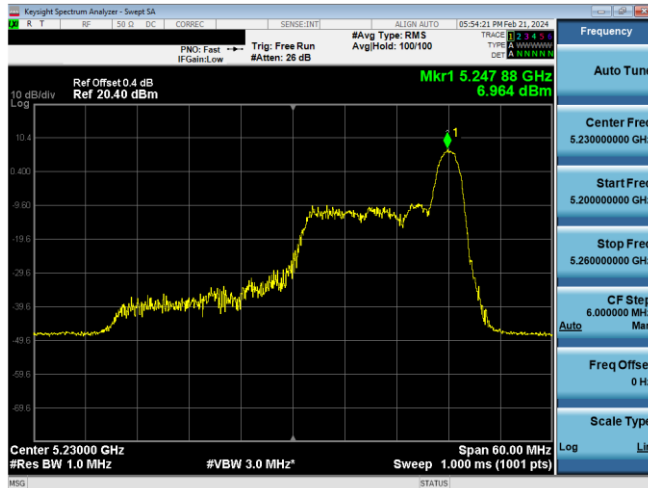


Plot 7-313. PSD Antenna 2a (20MHz BW 11ax Index 8- RU26 - Ch.40)

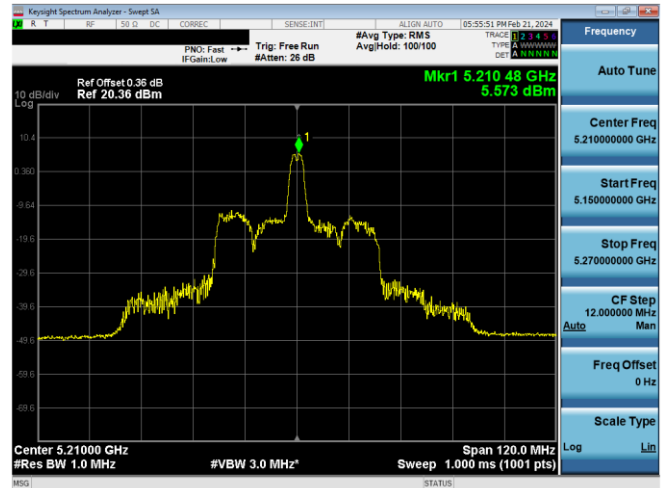


Plot 7-316. PSD Antenna 2a (40MHz BW 11ax Index 8 - RU26 - Ch.46)

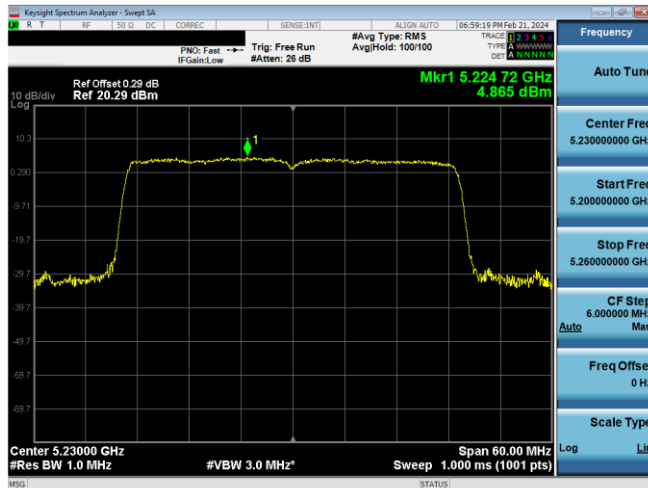
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 161 of 450                   |



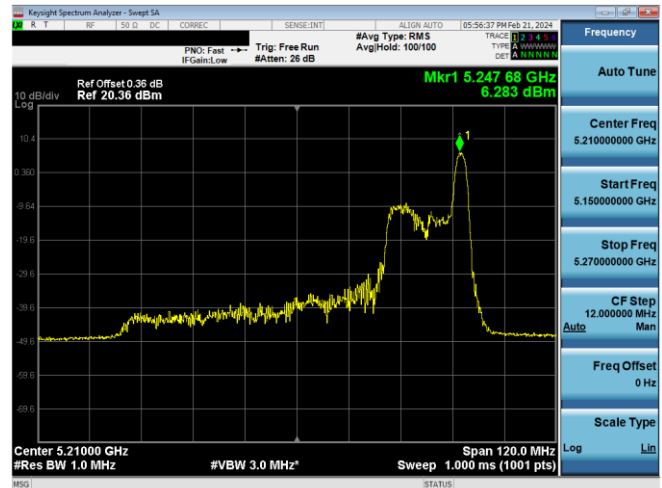
Plot 7-317. PSD Antenna 2a (40MHz BW 11ax Index 17 - RU26 - Ch.46)



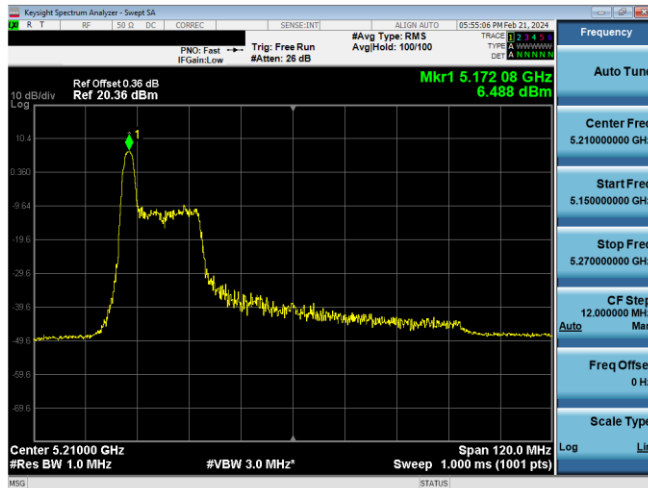
Plot 7-320. PSD Antenna 2a (80MHz BW 11ax Index 18 - RU26 - Ch.42)



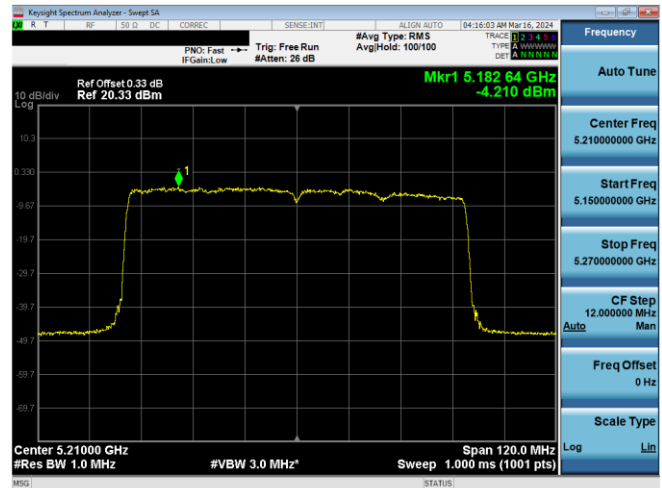
Plot 7-318. PSD Antenna 2a (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-321. PSD Antenna 2a (80MHz BW 11ax Index 36 - RU26 - Ch.42)

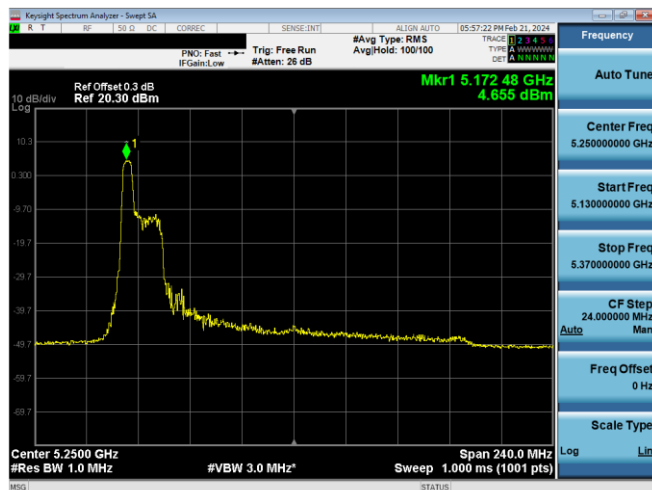


Plot 7-319. PSD Antenna 2a (80MHz BW 11ax Index 0 - RU26 - Ch.42)

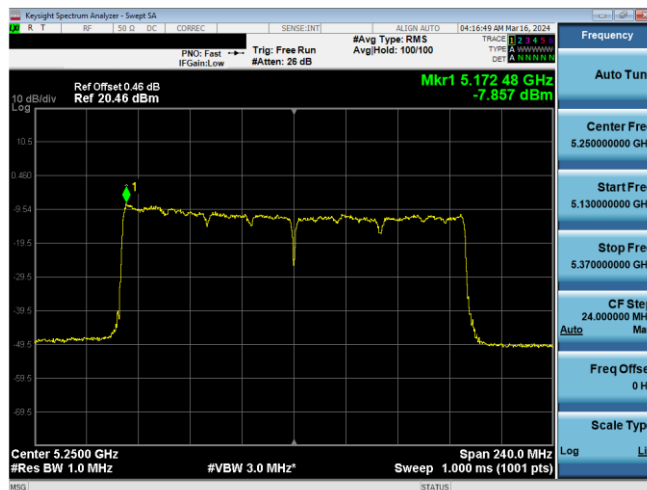


Plot 7-322. PSD Antenna 2a (80MHz BW 11ax - RU996 - Ch.42)

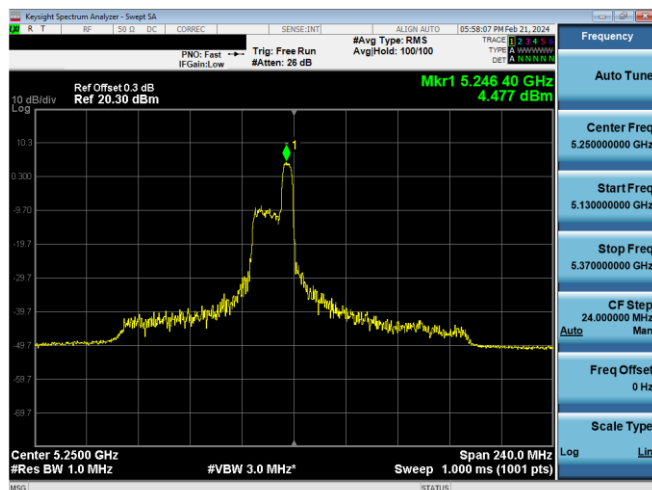
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG |                                                                                     |                                       | Page 162 of 450                   |



Plot 7-323. PSD Antenna 2a (160MHz BW 11ax Index 37 - RU52 - Ch.50 (L))



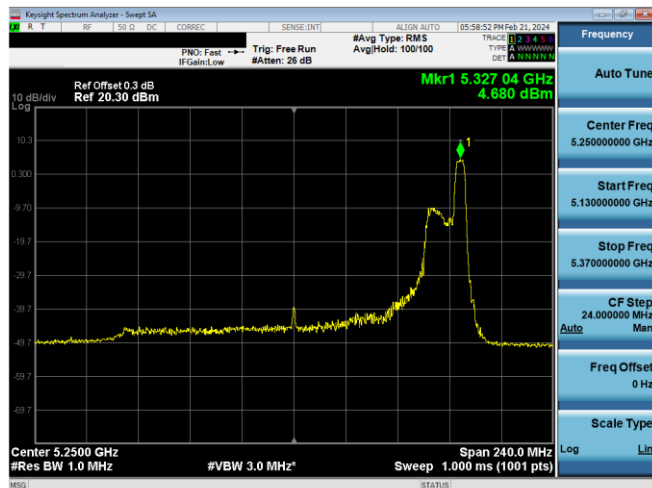
Plot 7-326. PSD Antenna 2a (160MHz BW 11ax - RU996x2 - Ch.50)



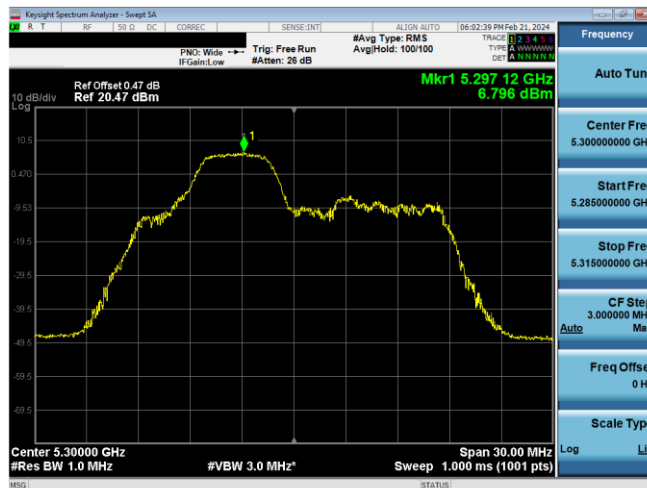
Plot 7-324. PSD Antenna 2a (160MHz BW 11ax Index 52 - RU52 - Ch.50 (L))



Plot 7-327. PSD Antenna 2a (20MHz BW 11ax Index 37 - RU52 - Ch.60)

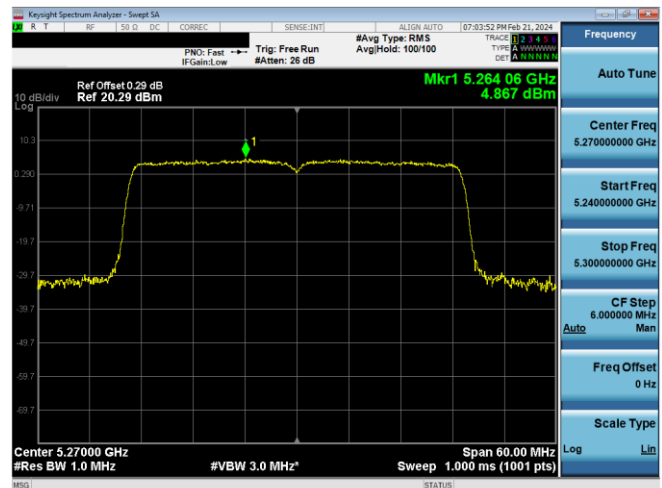
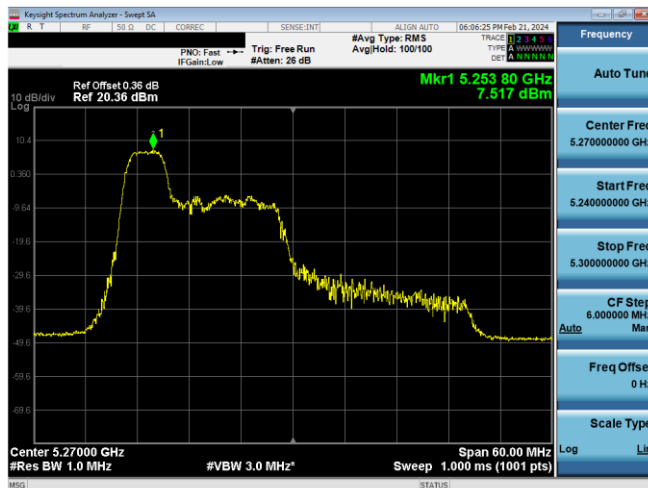
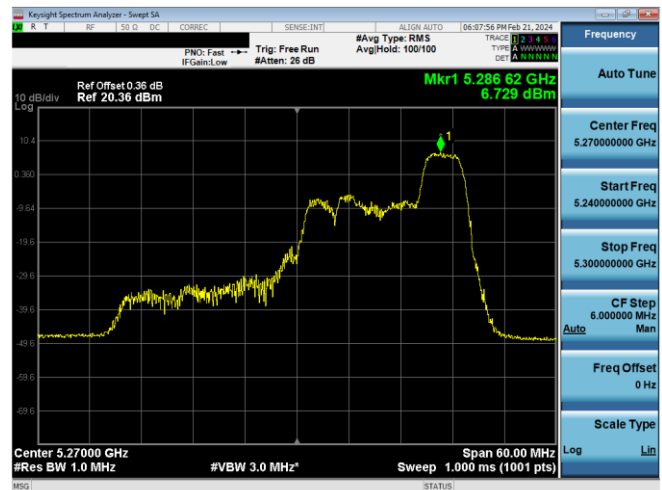
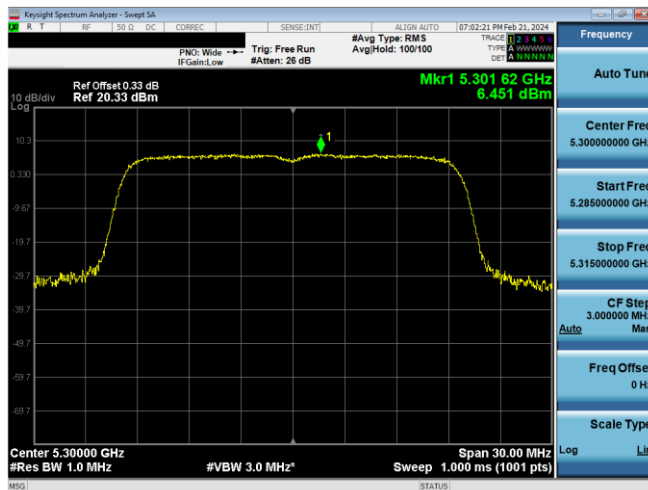
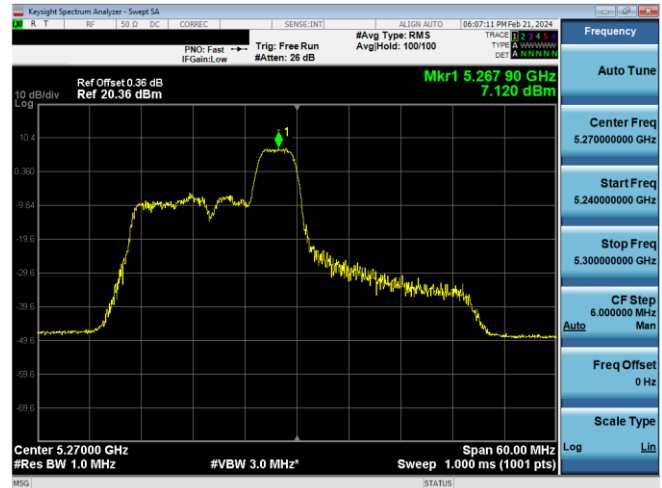
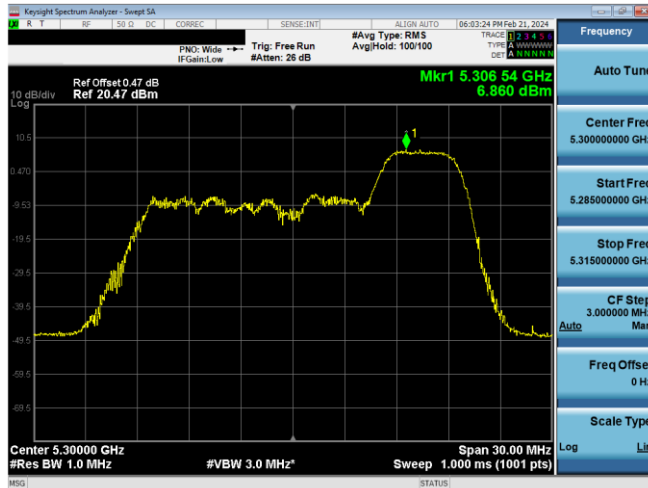


Plot 7-325. PSD Antenna 2a (160MHz BW 11ax Index 52 - RU52 - Ch.50 (U))

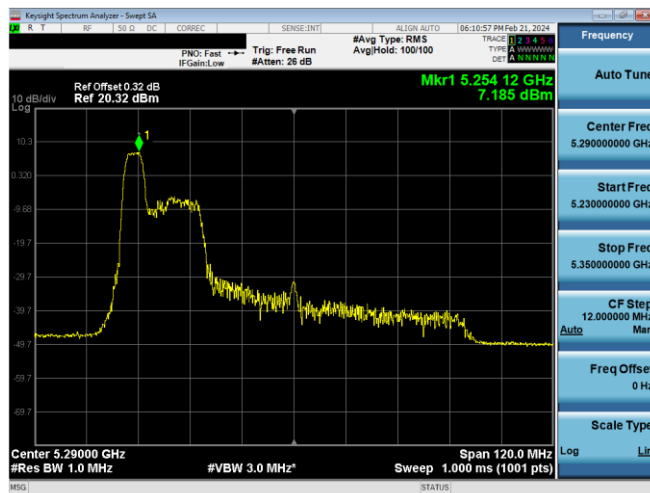


Plot 7-328. PSD Antenna 2a (20MHz BW 11ax Index 38 - RU52 - Ch.60)

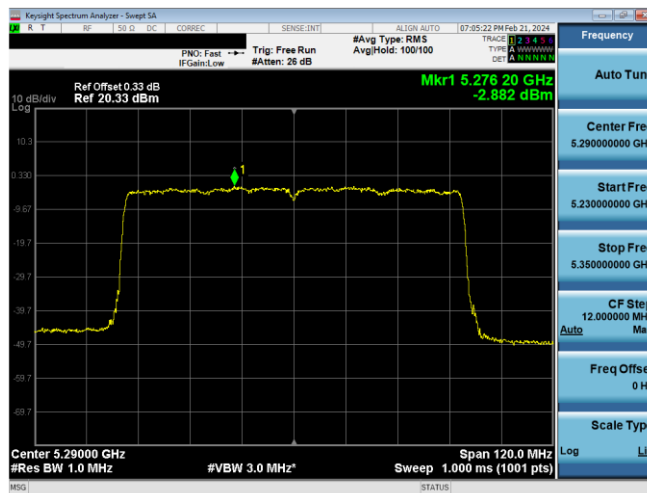
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 163 of 450                   |



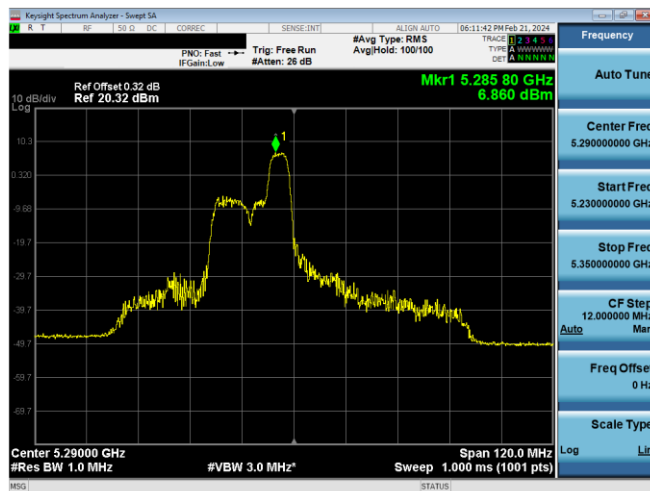
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2311270068-23.BCG |                                                                                     |                                       | Page 164 of 450                   |



Plot 7-335. PSD Antenna 2a (80MHz BW 11ax Index 37 - RU52 - Ch.58)



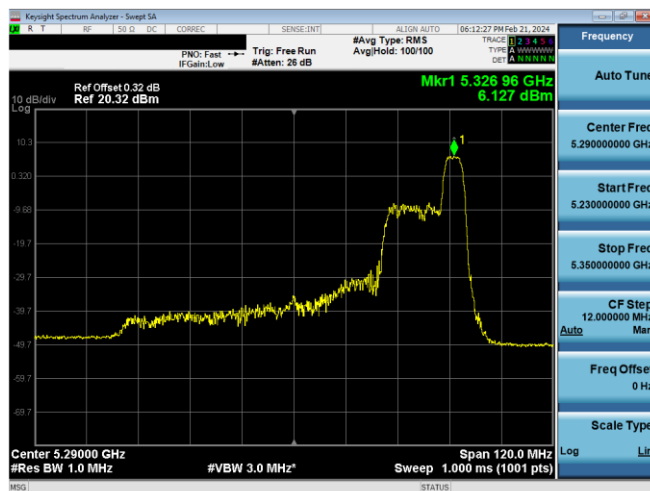
Plot 7-338. PSD Antenna 2a (80MHz BW 11ax - RU996 - Ch.58)



Plot 7-336. PSD Antenna 2a (80MHz BW 11ax Index 44 - RU52 - Ch.58)



Plot 7-339. PSD Antenna 2a (20MHz BW 11ax Index 37 - RU52 - Ch.116)



Plot 7-337. PSD Antenna 2a (80MHz BW 11ax Index 52 - RU52 - Ch.58)

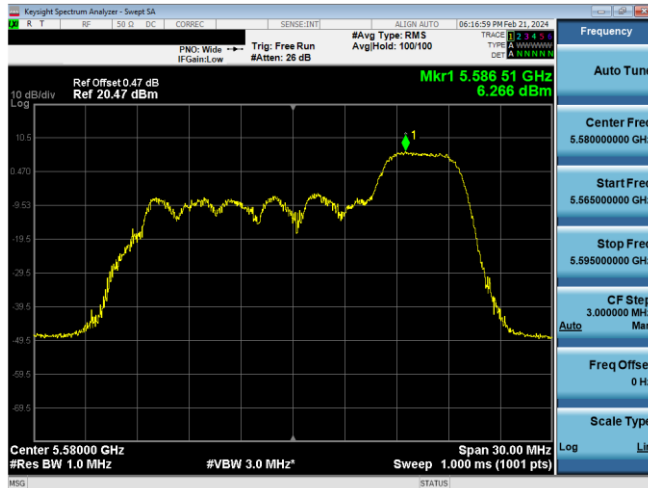


Plot 7-340. PSD Antenna 2a (20MHz BW 11ax Index 38 - RU52 - Ch.116)

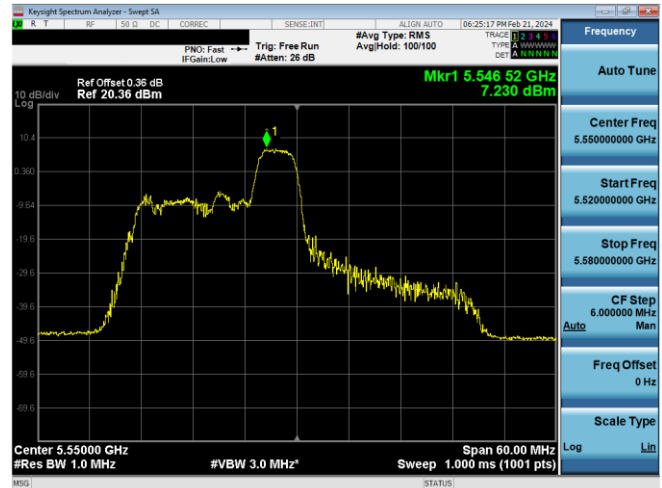
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 165 of 450                   |

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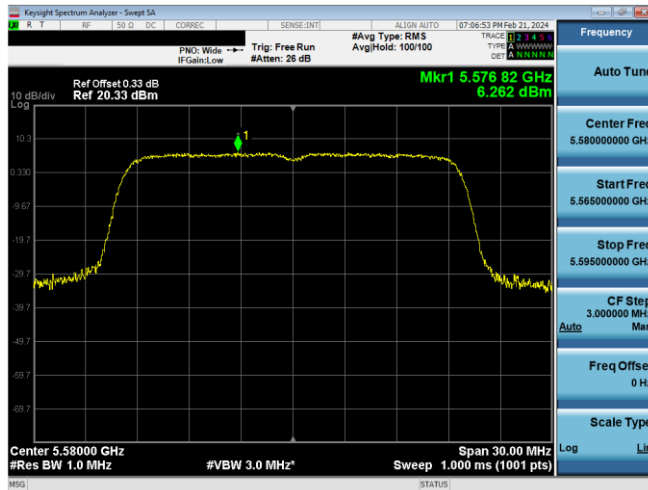
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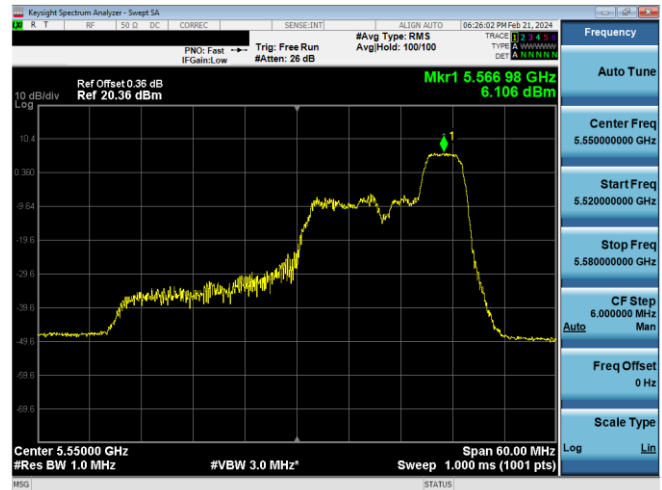
Plot 7-341. PSD Antenna 2a (20MHz BW 11ax Index 40 - RU52 - Ch.116)



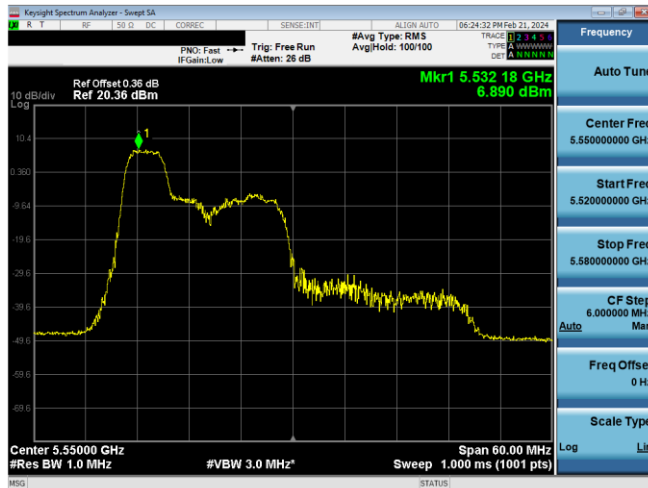
Plot 7-344. PSD Antenna 2a (40MHz BW 11ax Index 40 - RU52 - Ch.110)



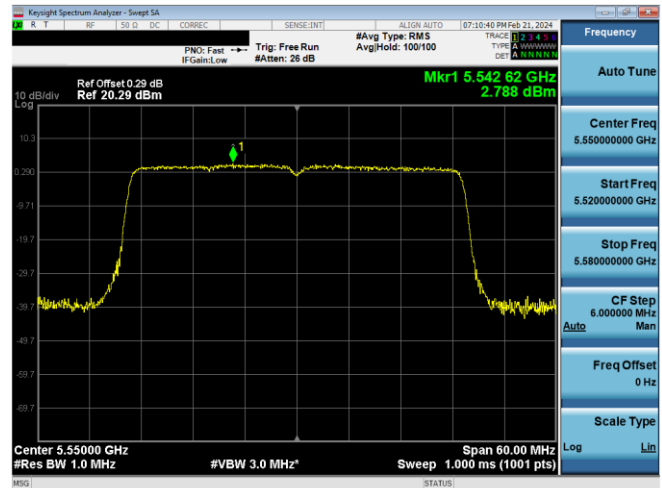
Plot 7-342. PSD Antenna 2a (20MHz BW 11ax - RU242 - Ch.116)



Plot 7-345. PSD Antenna 2a (40MHz BW 11ax Index 44 - RU52 - Ch.110)

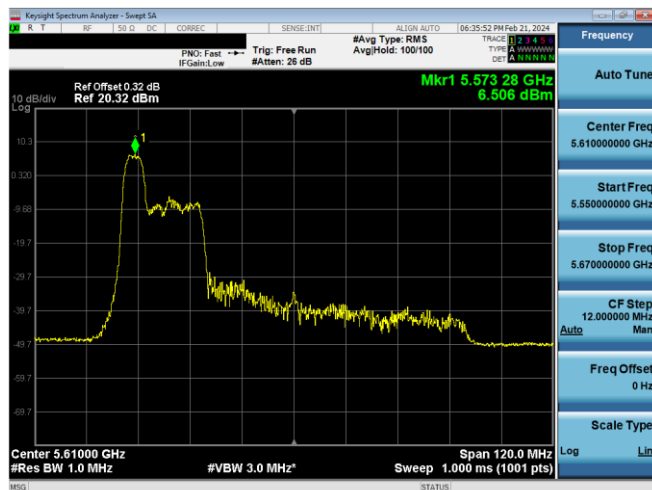


Plot 7-343. PSD Antenna 2a (40MHz BW 11ax Index 37 - RU52 - Ch.110)

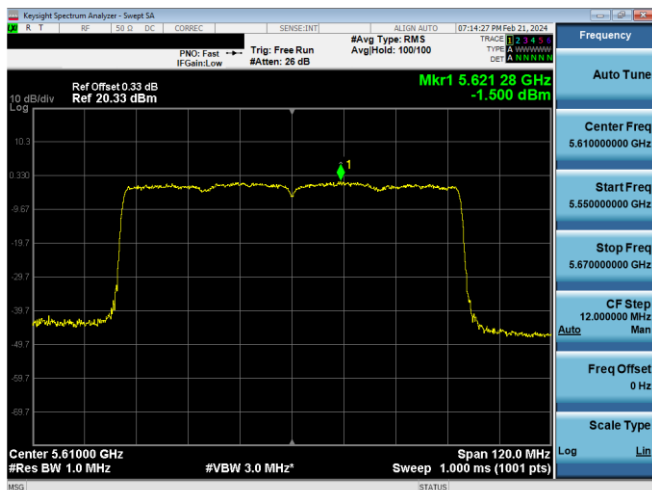


Plot 7-346. PSD Antenna 2a (40MHz BW 11ax - RU484 - Ch.110)

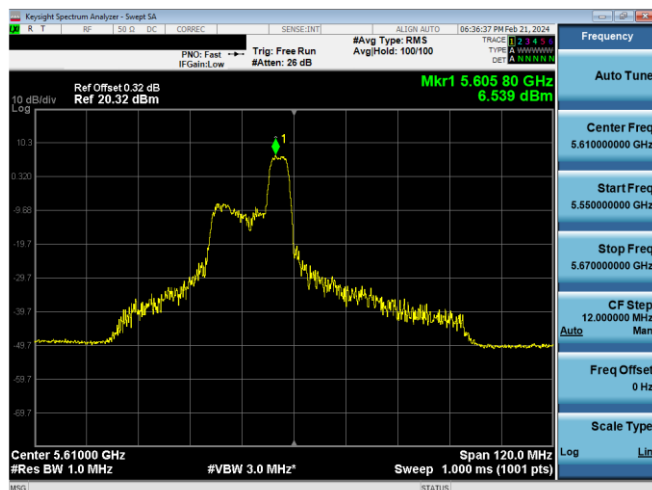
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 166 of 450                   |



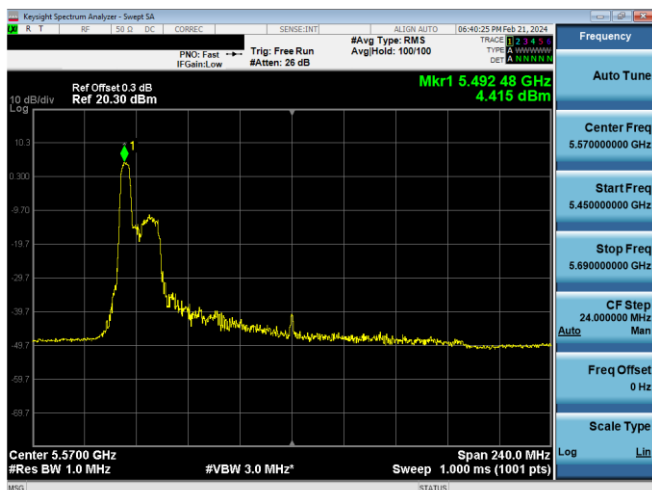
Plot 7-347. PSD Antenna 2a (80MHz BW 11ax Index 37 - RU52 - Ch.122)



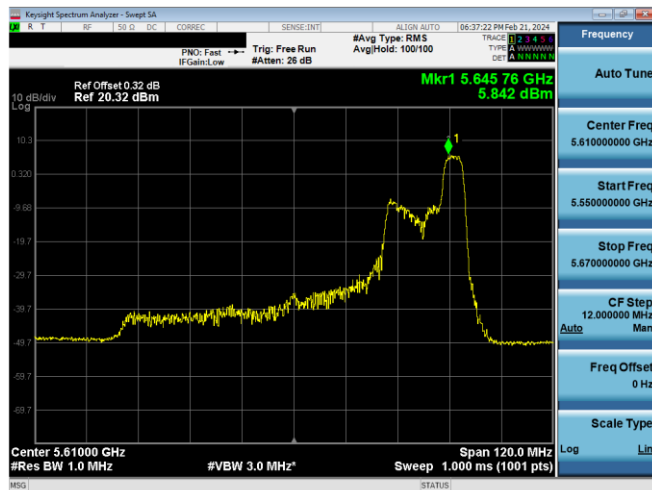
Plot 7-350. PSD Antenna 2a (80MHz BW 11ax - RU996 - Ch.122)



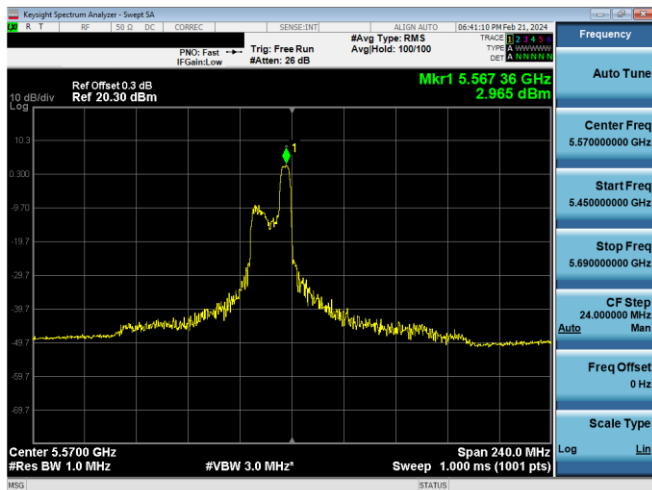
Plot 7-348. PSD Antenna 2a (80MHz BW 11ax Index 44 - RU52 - Ch.122)



Plot 7-351. PSD Antenna 2a (160MHz BW 11ax Index 37 - RU52 - Ch.114 (L))

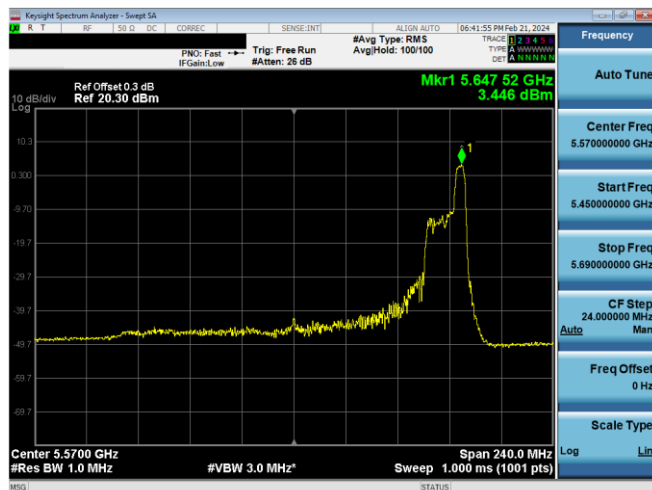


Plot 7-349. PSD Antenna 2a (80MHz BW 11ax Index 52 - RU52 - Ch.122)

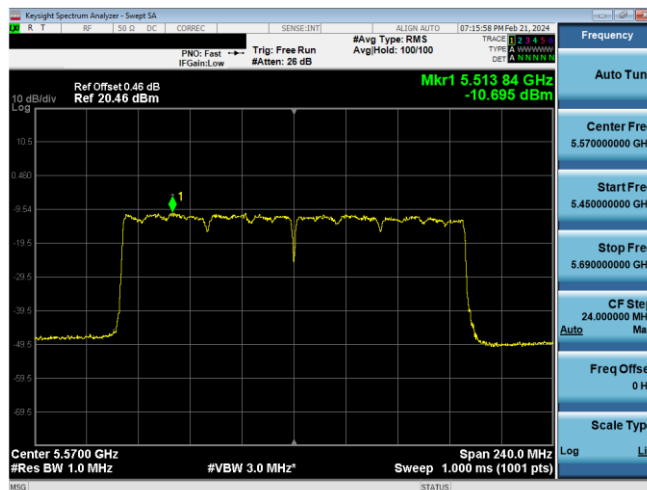


Plot 7-352. PSD Antenna 2a (160MHz BW 11ax Index 52 - RU52 - Ch.114 (L))

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
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Plot 7-353. PSD Antenna 2a (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-354. PSD Antenna 2a (160MHz BW 11ax – RU996x2 – Ch.114)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 168 of 450                   |

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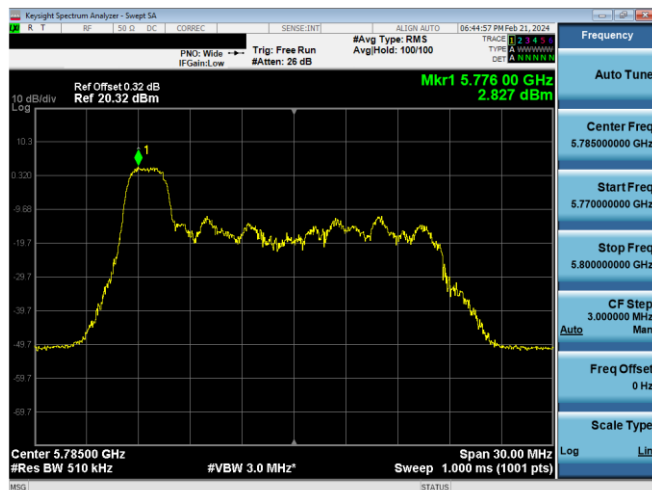
|        | Frequency [MHz] | Channel No. | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|-------------------------------------|--------------------------------------------|-------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 3.11                                | 30.0                                       | -26.89      |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 3.40                                | 30.0                                       | -26.60      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 3.27                                | 30.0                                       | -26.73      |
|        | 5785            | 157         | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 2.83                                | 30.0                                       | -27.17      |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 2.84                                | 30.0                                       | -27.16      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 2.41                                | 30.0                                       | -27.59      |
|        | 5825            | 165         | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 3.43                                | 30.0                                       | -26.57      |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 3.26                                | 30.0                                       | -26.74      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 2.82                                | 30.0                                       | -27.18      |
|        | 5755            | 151         | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 3.51                                | 30.0                                       | -26.49      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 4.30                                | 30.0                                       | -25.70      |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 3.20                                | 30.0                                       | -26.80      |
|        | 5795            | 159         | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 3.51                                | 30.0                                       | -26.49      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 3.71                                | 30.0                                       | -26.29      |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 3.21                                | 30.0                                       | -26.79      |
|        | 5775            | 155         | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 3.88                                | 30.0                                       | -26.12      |
|        |                 |             |             | 26      | 18       | 12.5/14.7 (MCS11) | 3.25                                | 30.0                                       | -26.75      |
|        |                 |             |             | 26      | 36       | 12.5/14.7 (MCS11) | 2.72                                | 30.0                                       | -27.28      |

Table 7-184. Band 3 Power Spectral Density Measurements Antenna 2a (RU26)

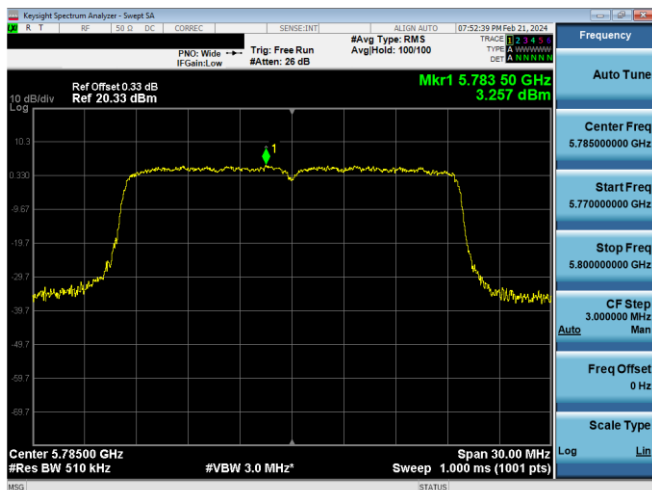
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|-------------------------------------|--------------------------------------------|-------------|
| Band 3 | 5745            | 149     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 4.07                                | 30.0                                       | -25.94      |
|        | 5785            | 157     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 3.26                                | 30.0                                       | -26.74      |
|        | 5825            | 165     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 3.65                                | 30.0                                       | -26.35      |
|        | 5755            | 151     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 1.59                                | 30.0                                       | -28.41      |
|        | 5795            | 159     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 1.63                                | 30.0                                       | -28.37      |
|        | 5775            | 155     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -2.84                               | 30.0                                       | -32.84      |

Table 7-185. Band 3 Power Spectral Density Measurements Antenna 2a (Fully-loaded RU)

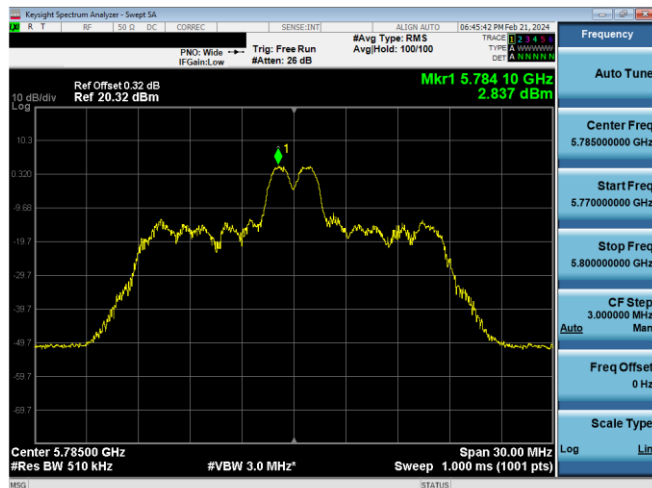
|                                         |                                                                                                                                   |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                                                                             | EUT Type:<br>Tablet Device | Page 169 of 450                   |



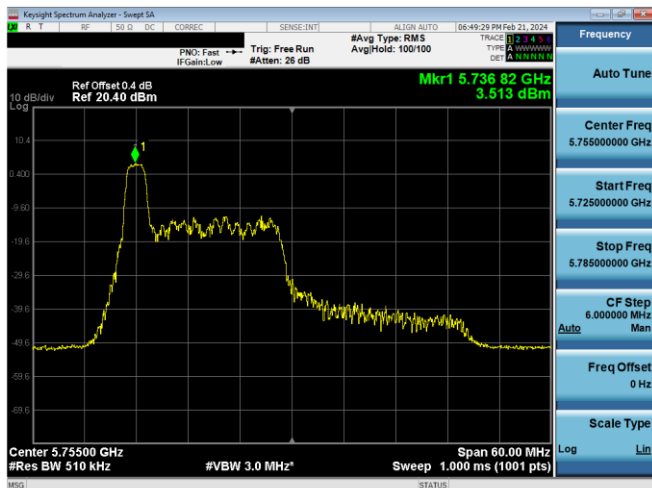
Plot 7-355. PSD Antenna 2a (20MHz BW 11ax Index 0 - RU26 - Ch.157)



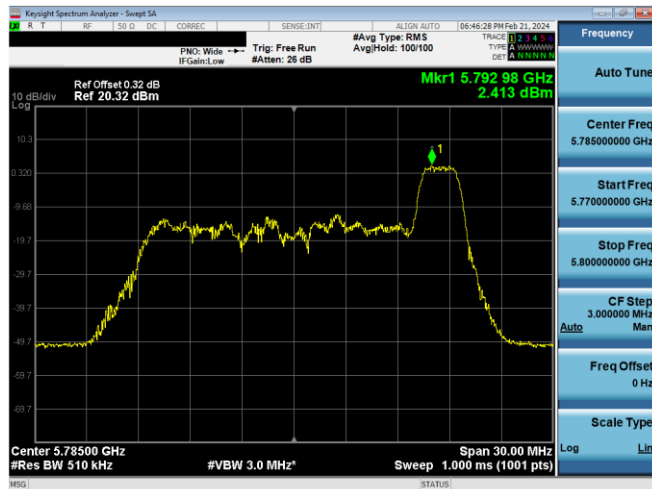
Plot 7-358. PSD Antenna 2a (20MHz BW 11ax - RU242 - Ch.157)



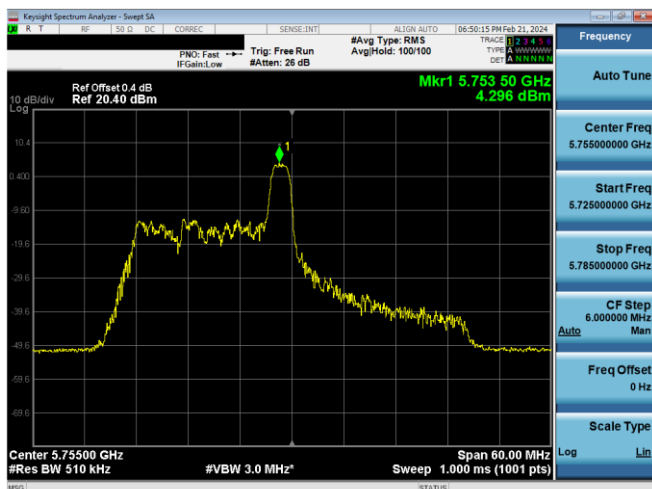
Plot 7-356. PSD Antenna 2a (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-359. PSD Antenna 2a (40MHz BW 11ax Index 0 - RU26 - Ch.151)



Plot 7-357. PSD Antenna 2a (20MHz BW 11ax Index 8 - RU26 - Ch.157)



Plot 7-360. PSD Antenna 2a (40MHz BW 11ax Index 8 - RU26 - Ch.151)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2837<br>IC: 579C-A2837      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270068-23.BCG | Test Dates:<br>11/28/2023 - 3/21/2024                                               | EUT Type:<br>Tablet Device            | Page 170 of 450                   |