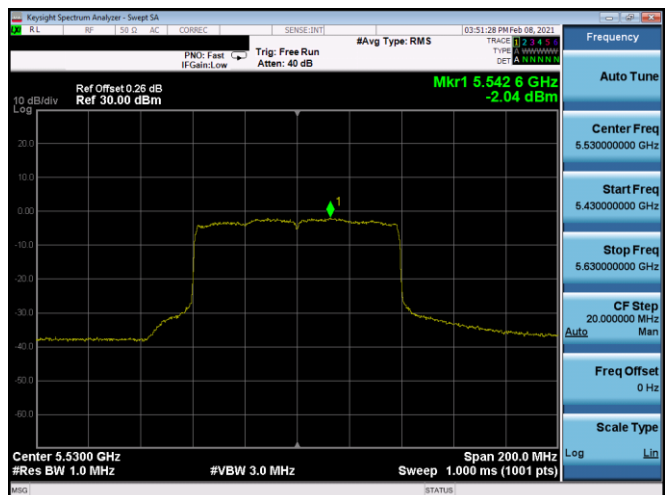
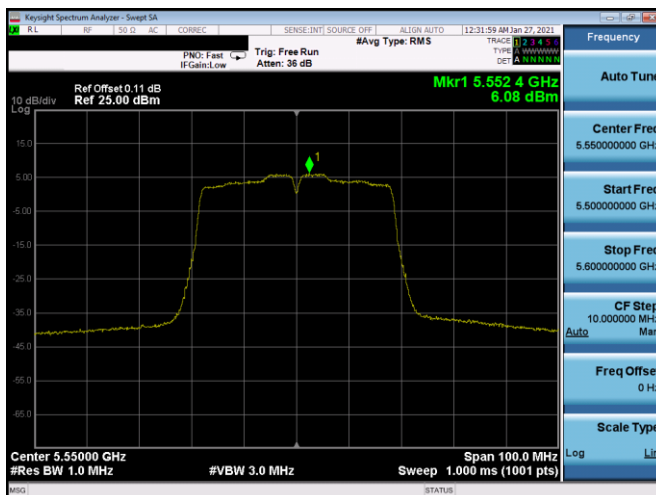
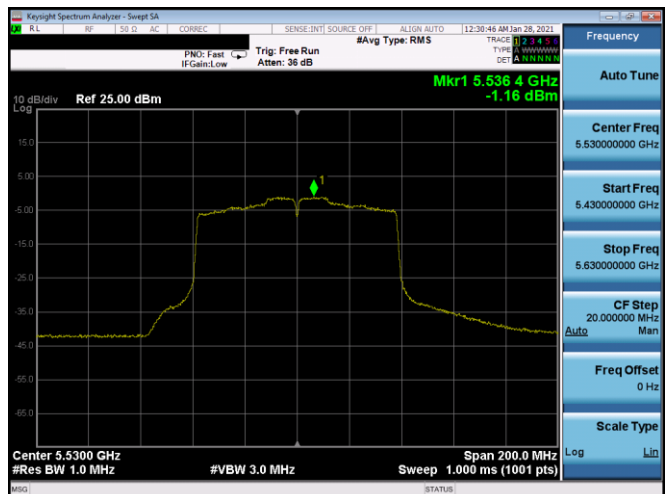
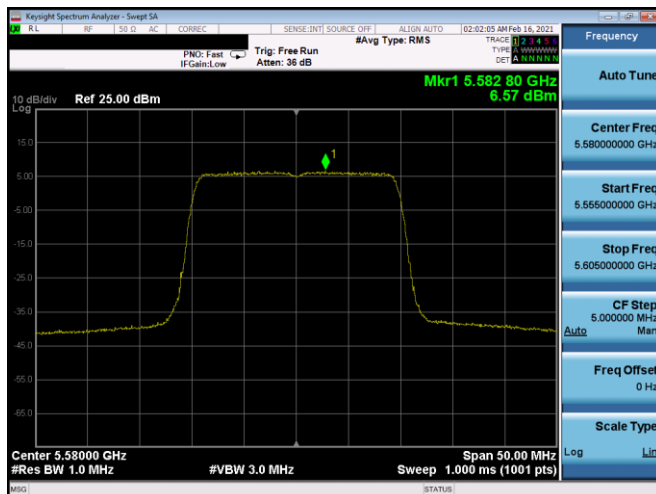
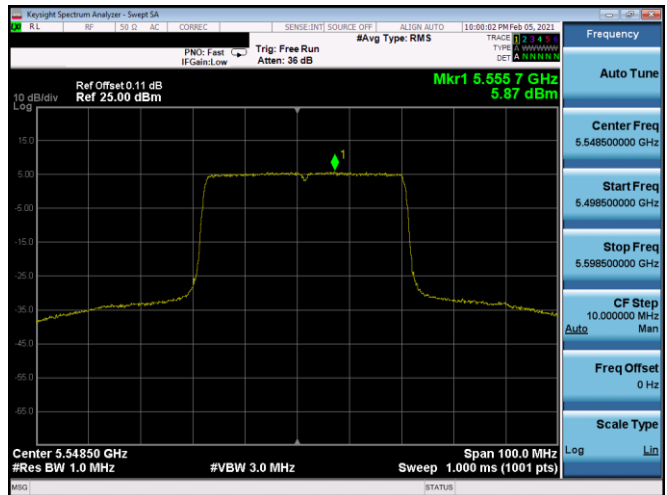
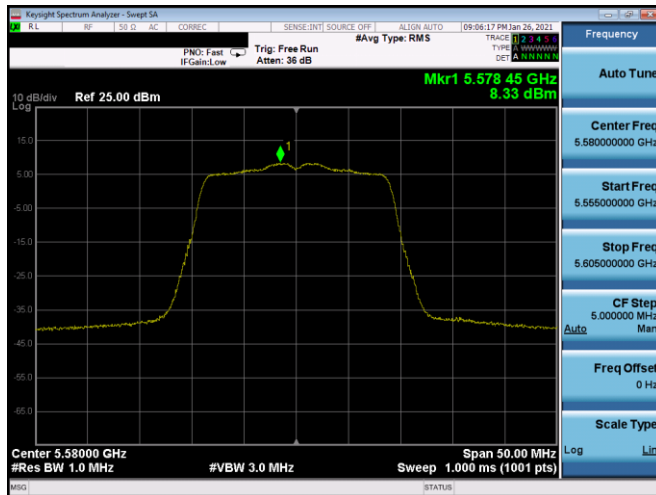
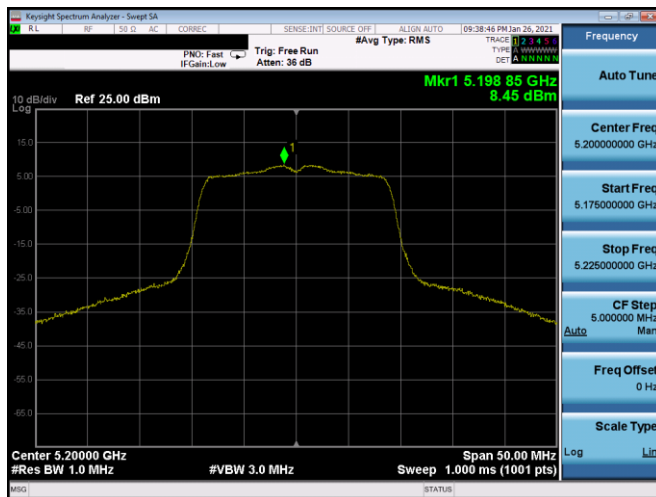


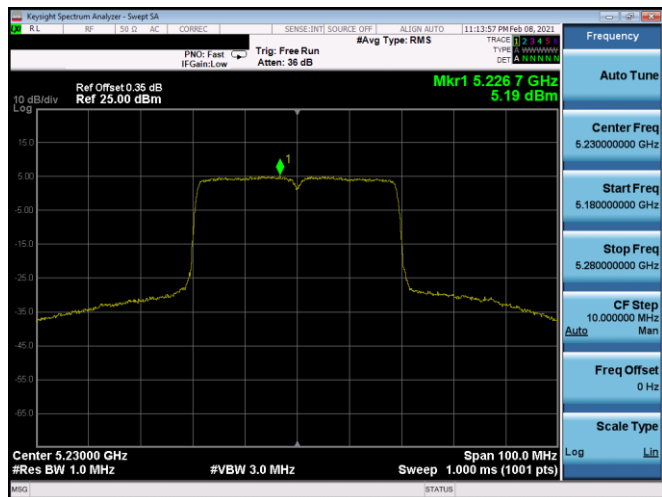
|  |                                       |                            |                                       |                                 |
|--|---------------------------------------|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2379<br>IC: 579C-A2379         |                                       |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020005-15-R1.BCG | Test Dates:<br>12/12/2020 - 03/2/2021 | EUT Type:<br>Tablet Device |                                       | Page 88 of 348                  |



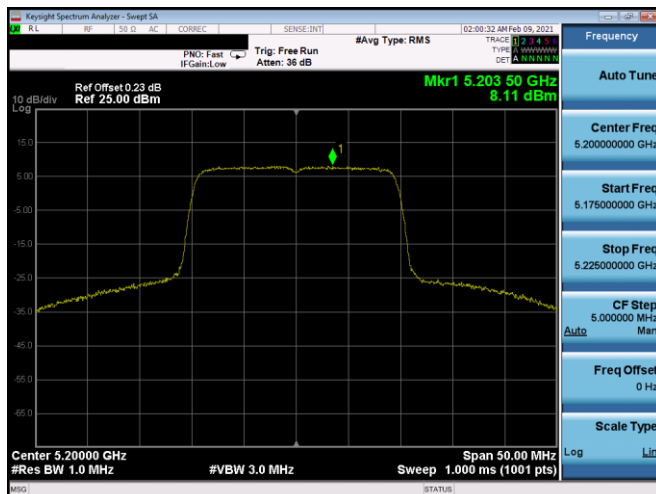
|  |                                       |                            |                                       |                                 |
|--|---------------------------------------|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2379<br>IC: 579C-A2379         |                                       |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020005-15-R1.BCG | Test Dates:<br>12/12/2020 - 03/2/2021 | EUT Type:<br>Tablet Device |                                       | Page 89 of 348                  |



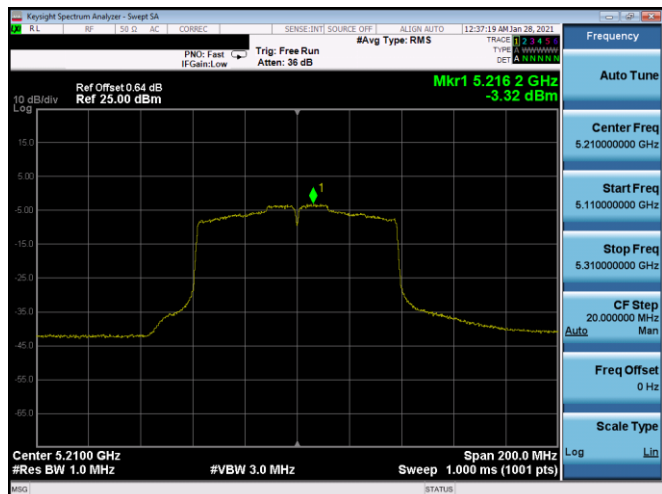
Plot 7-163. PSD Antenna 5b (20MHz BW 802.11n – Ch. 40, MCS3)



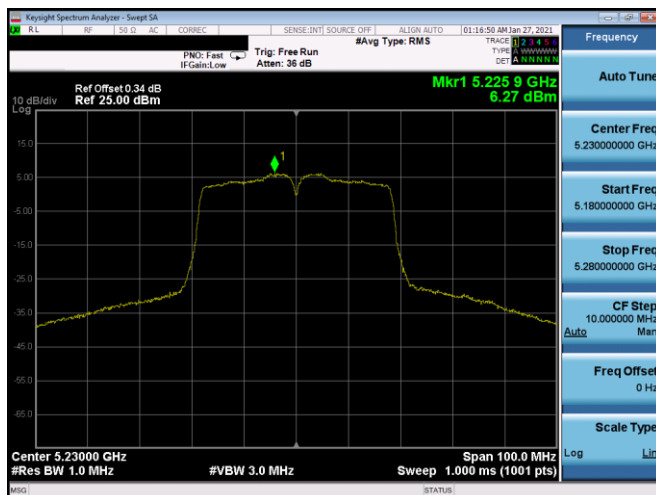
Plot 7-166. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 46, MCS3)



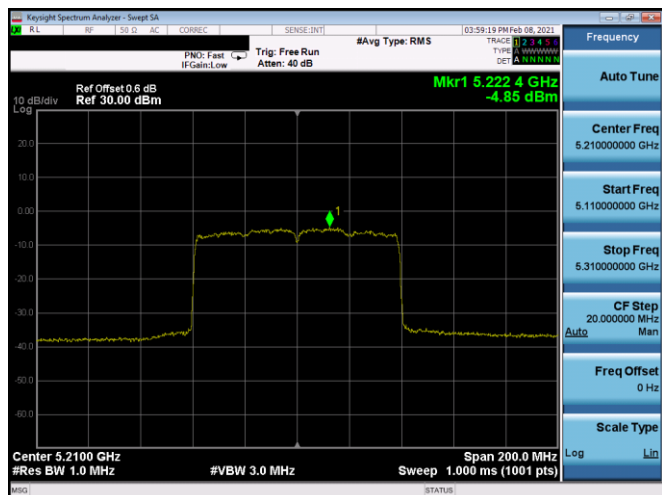
Plot 7-164. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 40, MCS3)




Plot 7-167. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 42, MCS3)

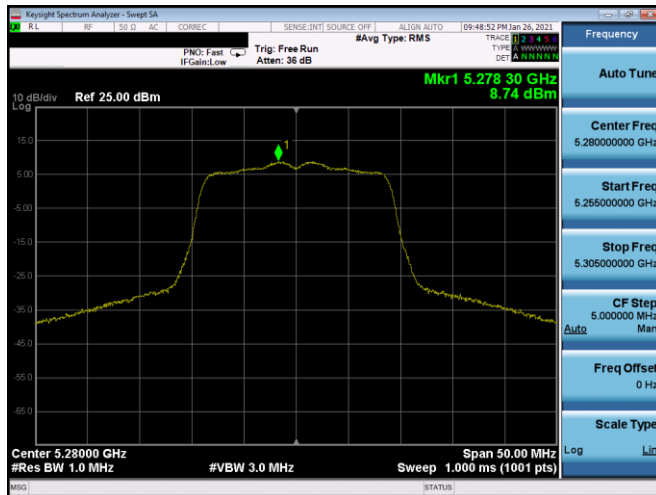


Plot 7-165. PSD Antenna 5b (40MHz BW 802.11n – Ch. 46, MCS3)

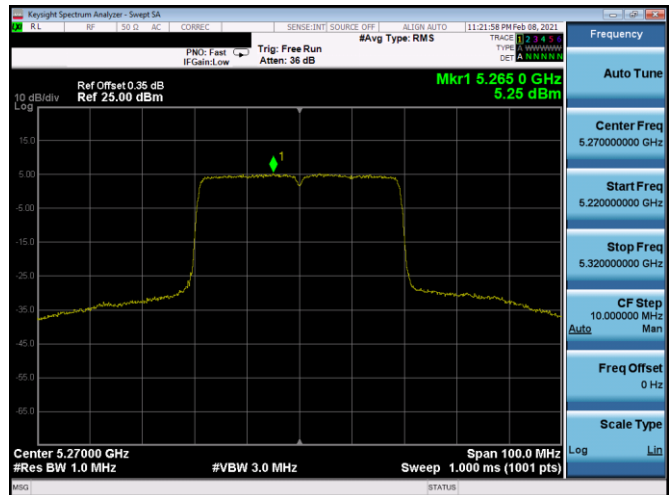


Plot 7-168. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 42, MCS3)

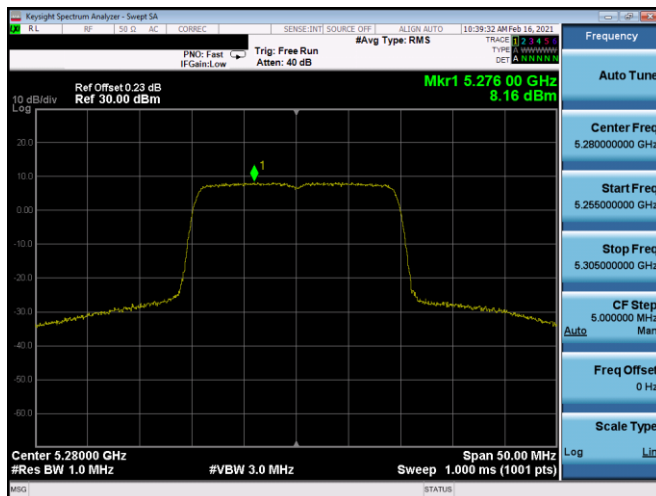
|  |   |                            |                                       |                                 |
|--|---|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2379<br>IC: 579C-A2379         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020005-15-R1.BCG | Test Dates:<br>12/12/2020 - 03/2/2021   | EUT Type:<br>Tablet Device |                                       | Page 90 of 348                  |



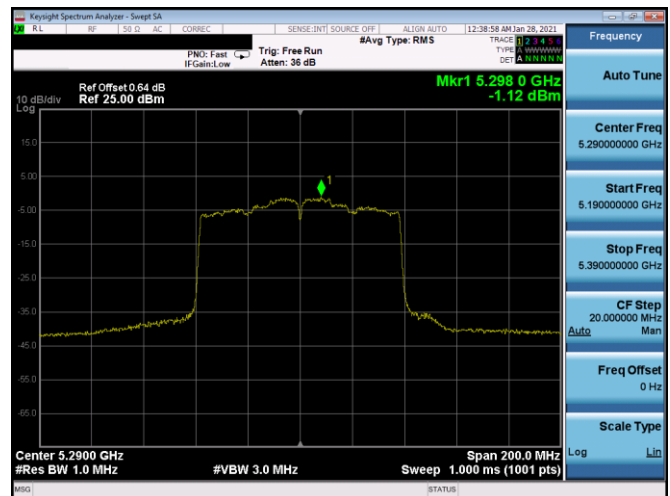
Plot 7-169. PSD Antenna 5b (20MHz BW 802.11n – Ch. 56, MCS3)



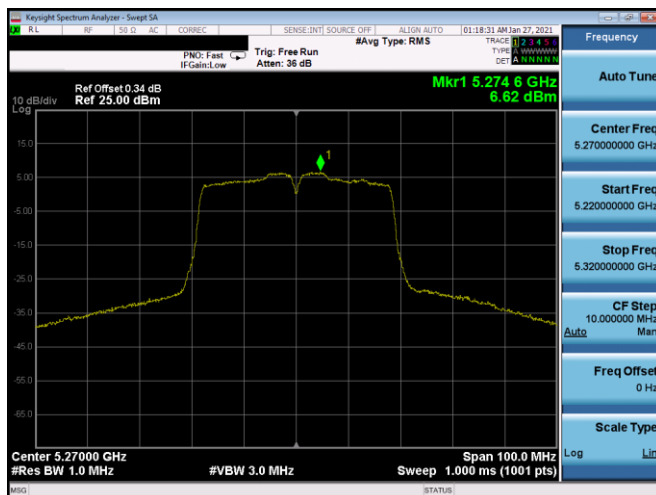
Plot 7-172. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS3)



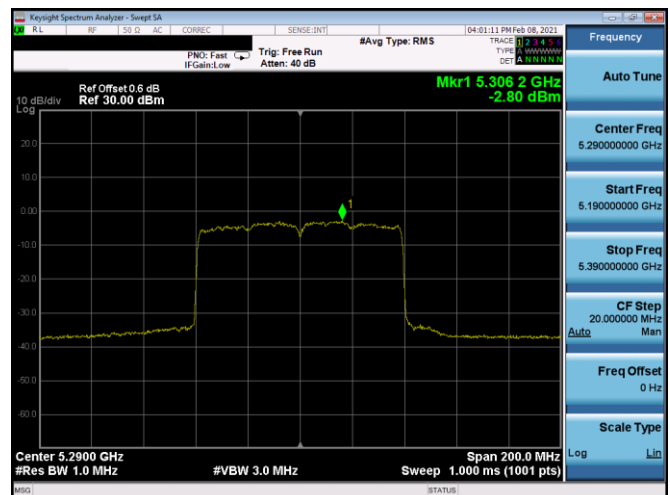
Plot 7-170. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 56, MCS3)



Plot 7-173. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 58, MCS3)

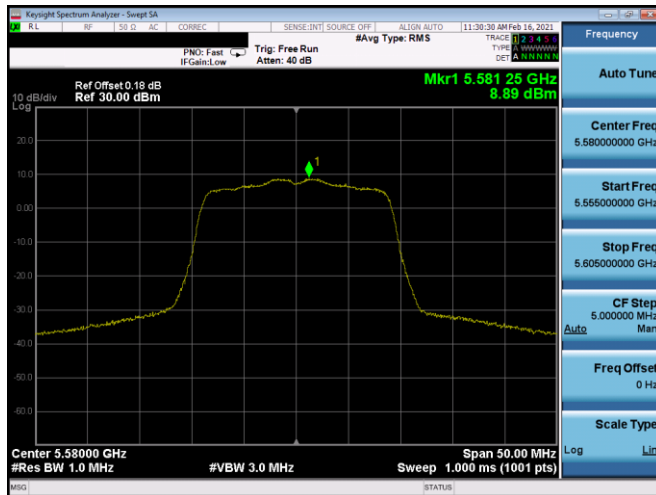


Plot 7-171. PSD Antenna 5b (40MHz BW 802.11n – Ch. 54, MCS3)

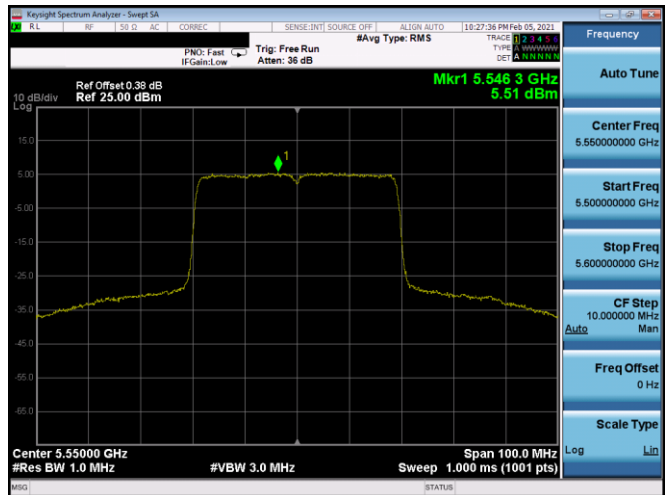


Plot 7-174. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 58, MCS3)

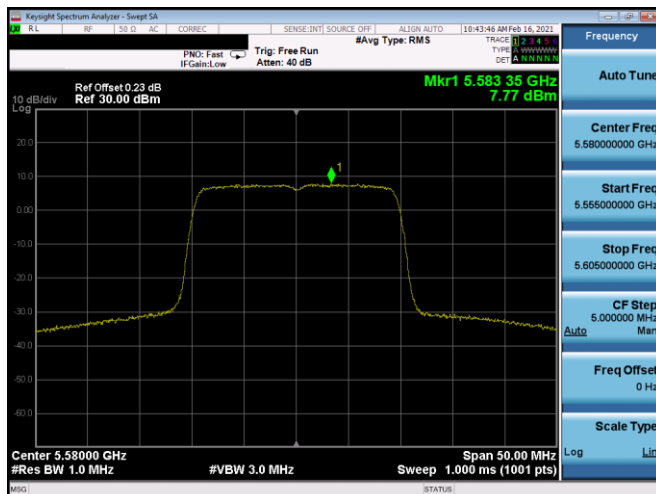
|   |  |   |  |
|---|--|---|--|
| <b>FCC ID:</b> BCGA2379<br><b>IC:</b> 579C-A2379  |  | <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2101020005-15-R1.BCG | <b>Test Dates:</b><br>12/12/2020 - 03/2/2021 | <b>EUT Type:</b><br>Tablet Device                   | Page 91 of 348                         |



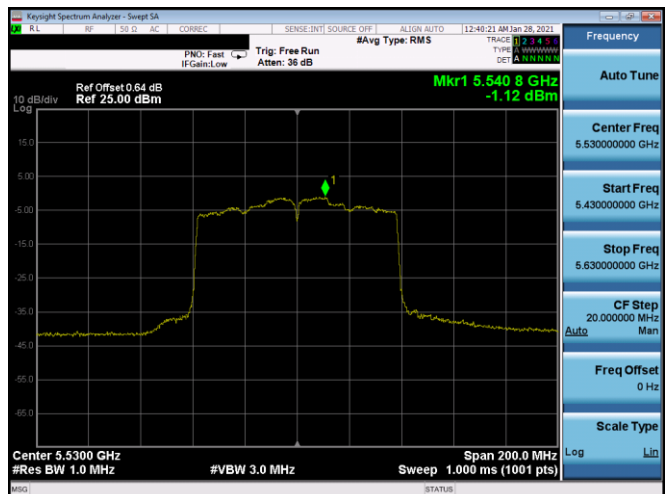
Plot 7-175. PSD Antenna 5b (20MHz BW 802.11n – Ch. 116, MCS3)



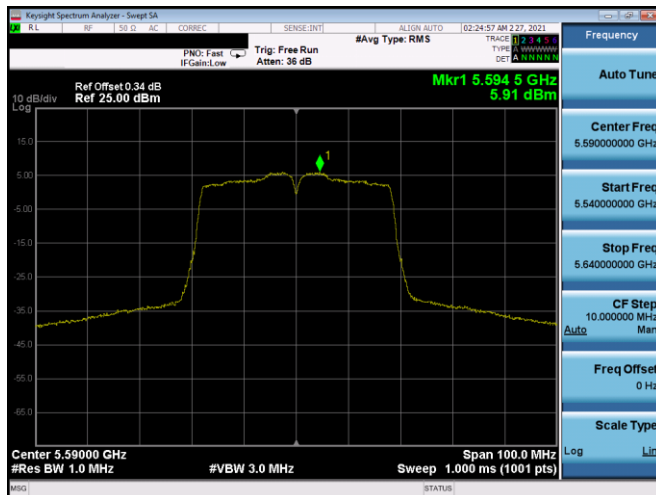
Plot 7-178. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 110, MCS3)



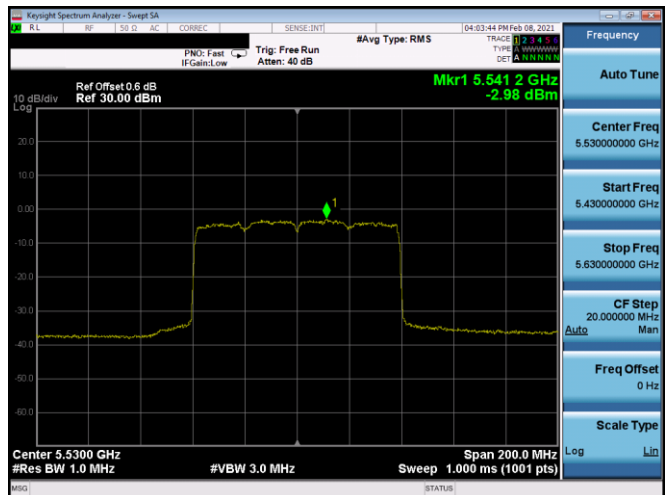
Plot 7-176. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 116, MCS3)




Plot 7-179. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 106, MCS3)

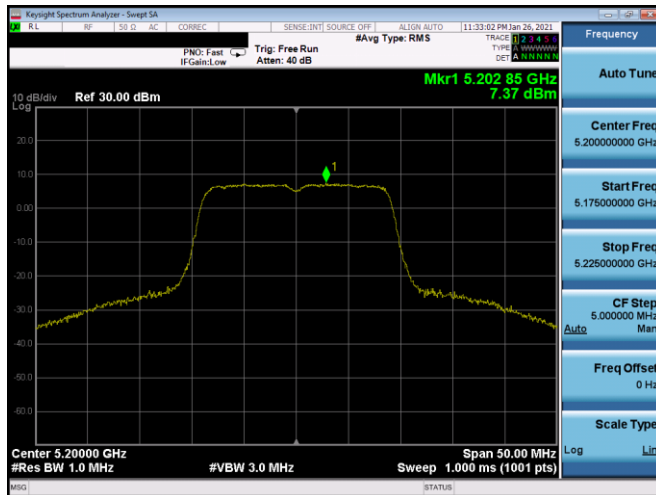


Plot 7-177. PSD Antenna 5b (40MHz BW 802.11n – Ch. 110, MCS3)

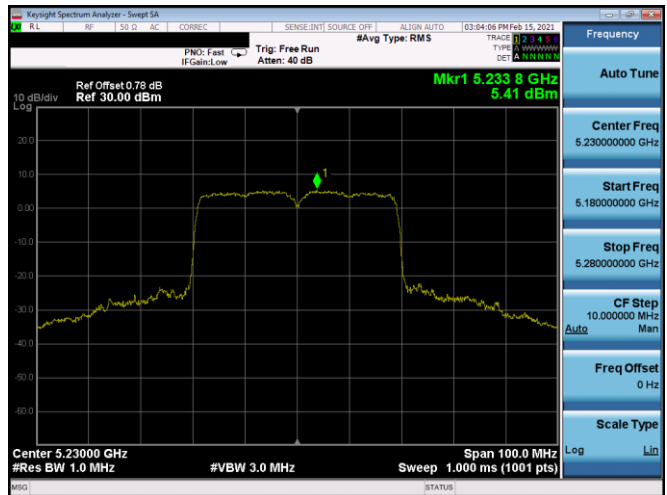


Plot 7-180. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 106, MCS3)

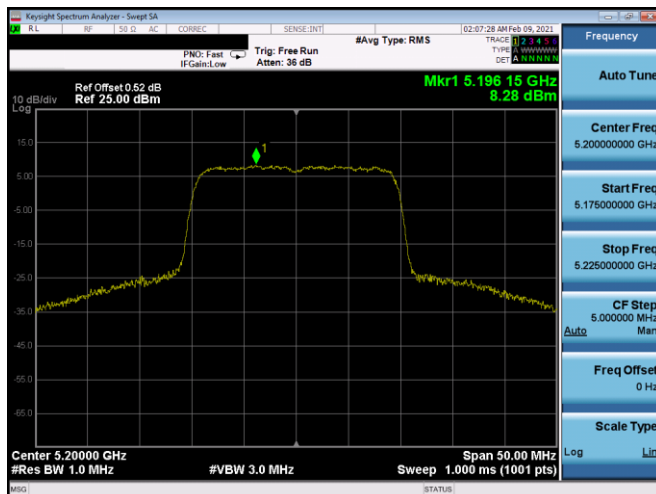
|  |   |                            |                                       |                                 |
|--|---|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2379<br>IC: 579C-A2379         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020005-15-R1.BCG | Test Dates:<br>12/12/2020 - 03/2/2021   | EUT Type:<br>Tablet Device |                                       | Page 92 of 348                  |



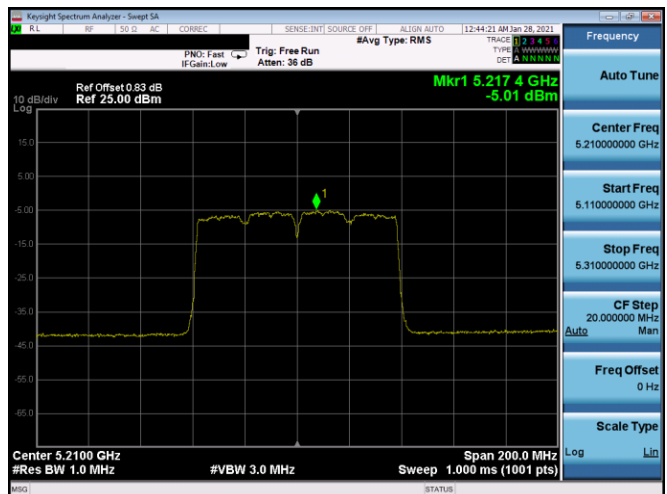
Plot 7-181. PSD Antenna 5b (20MHz BW 802.11n – Ch. 40, MCS5)



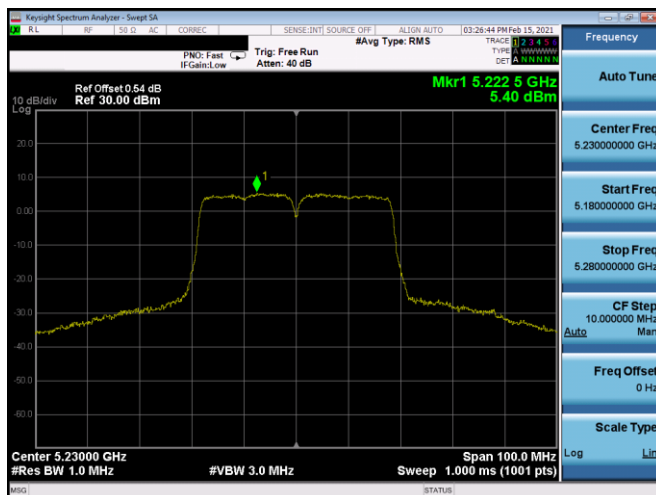
Plot 7-184. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



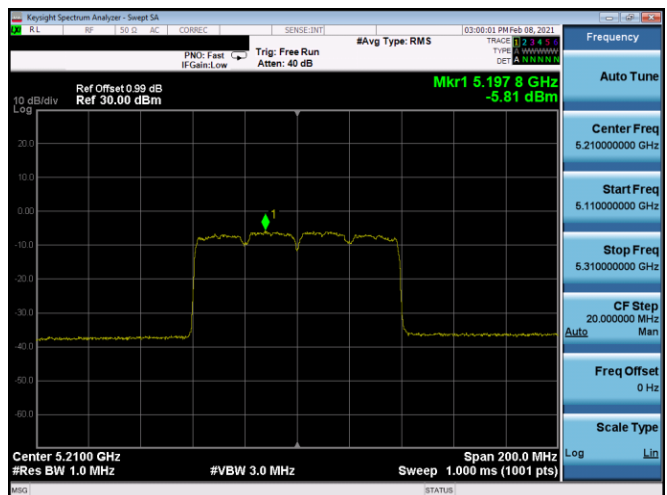
Plot 7-182. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)




Plot 7-185. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 42, MCS5)



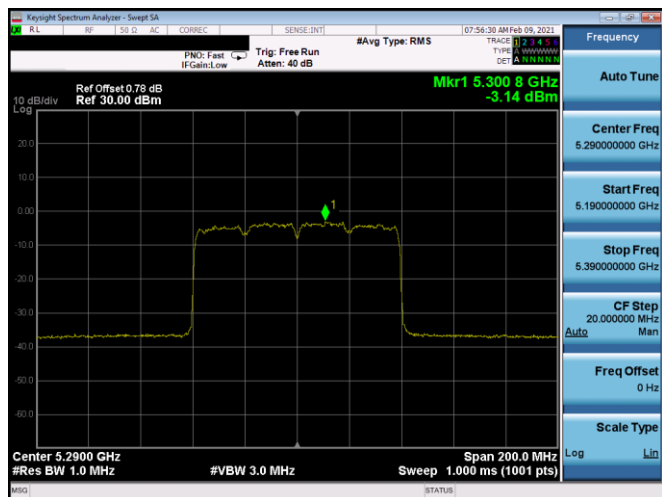
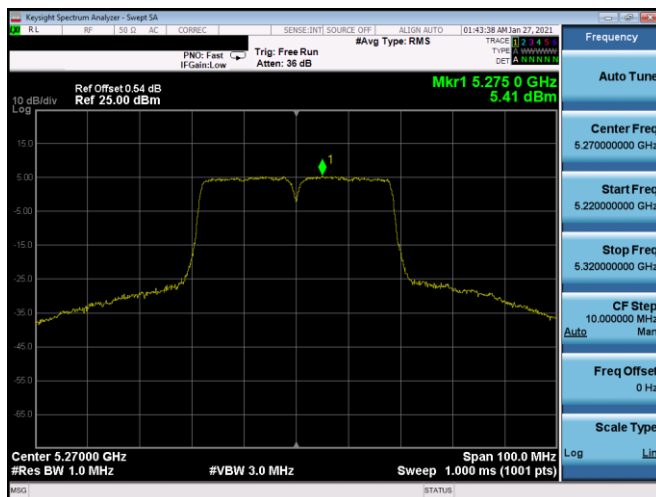
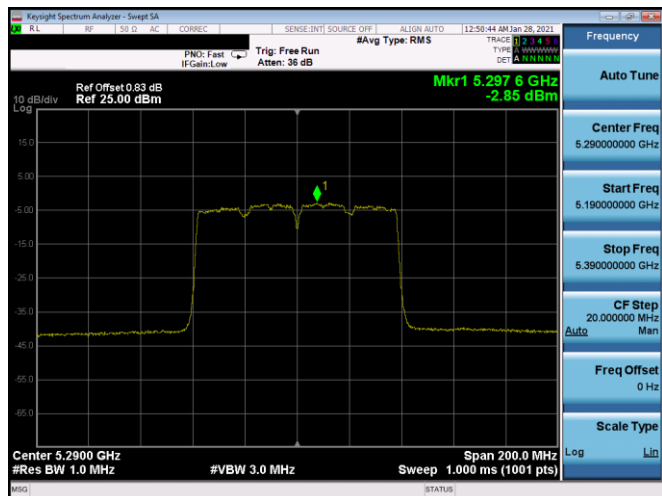
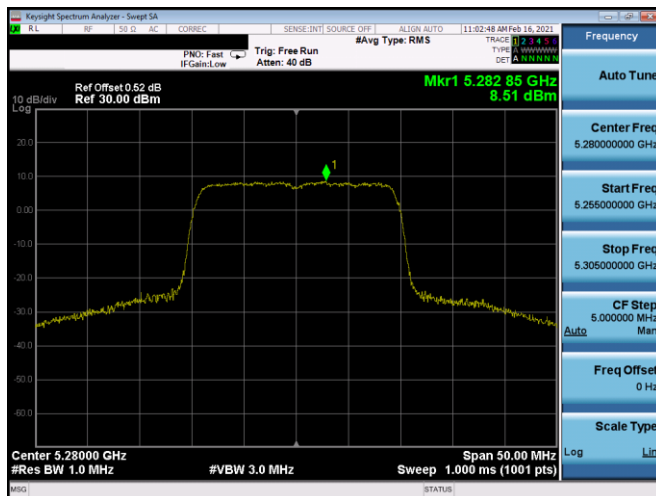
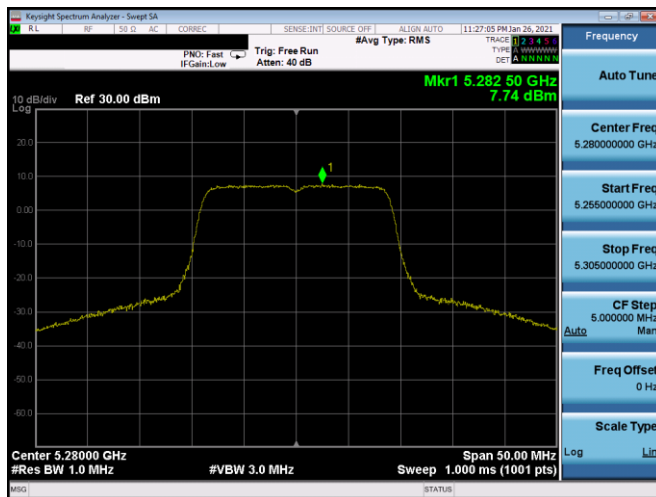
Plot 7-183. PSD Antenna 5b (40MHz BW 802.11n – Ch. 46, MCS5)



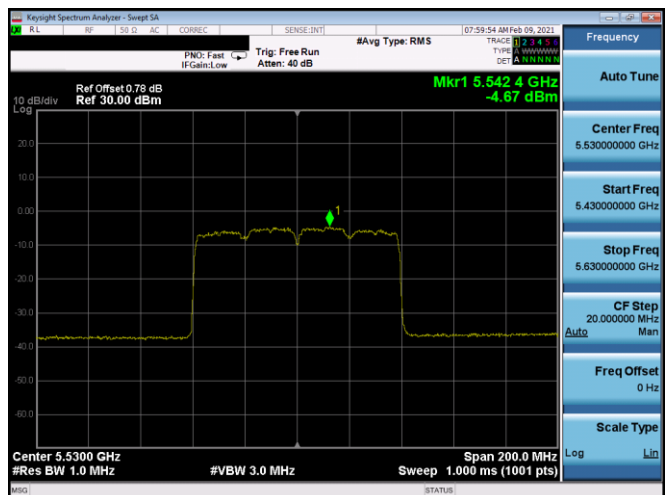
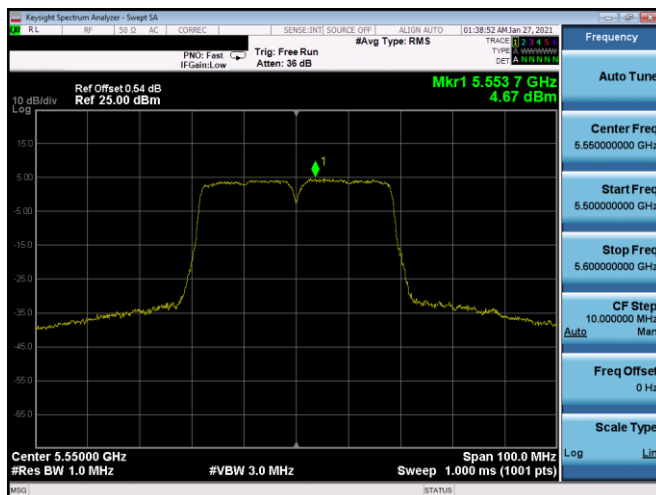
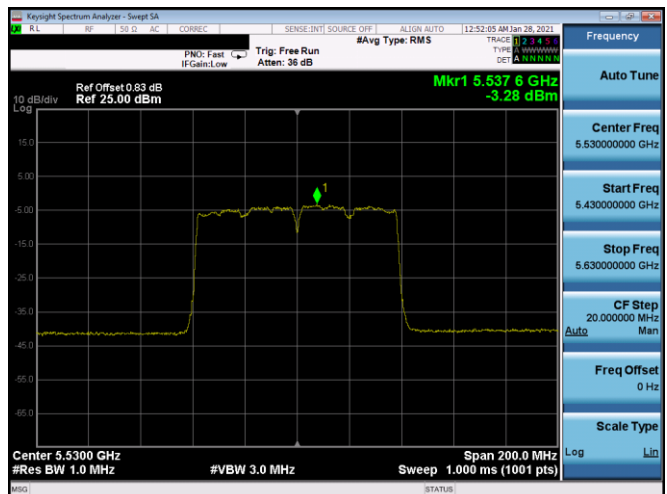
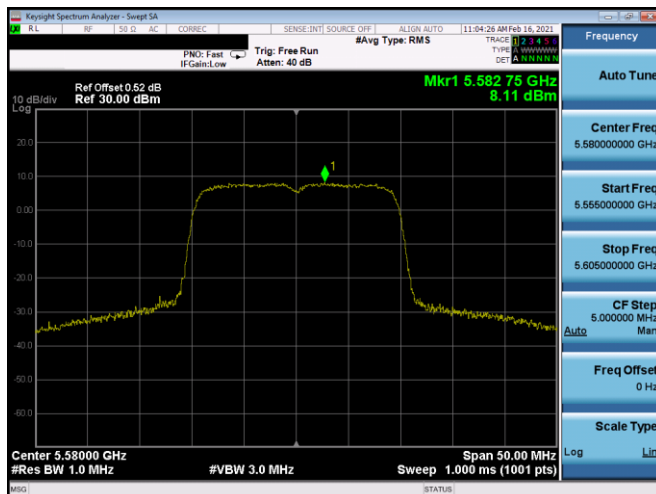
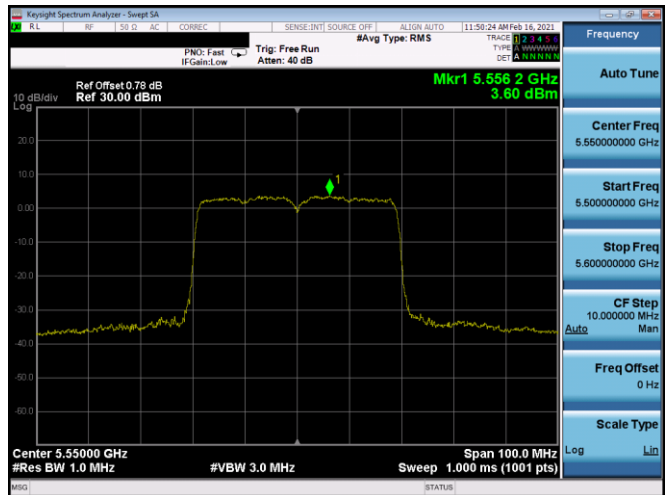
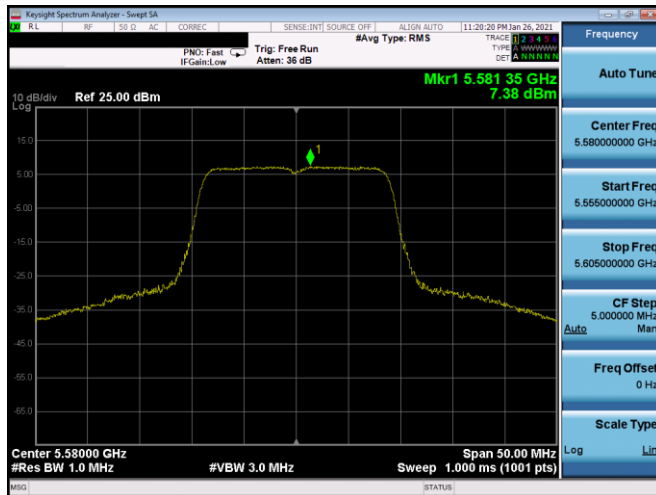
Plot 7-186. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

|   |   |                                   |  |
|---|---|-----------------------------------|--|
| <b>FCC ID:</b> BCGA2379<br><b>IC:</b> 579C-A2379  |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2101020005-15-R1.BCG | <b>Test Dates:</b><br>12/12/2020 - 03/2/2021  | <b>EUT Type:</b><br>Tablet Device | Page 93 of 348                         |





|  |                                       |                            |                                       |                                 |
|--|---------------------------------------|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2379<br>IC: 579C-A2379         |                                       |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020005-15-R1.BCG | Test Dates:<br>12/12/2020 - 03/2/2021 | EUT Type:<br>Tablet Device |                                       | Page 94 of 348                  |



|   |  |                                   |   |  |
|---|--|-----------------------------------|---|--|
| <b>FCC ID:</b> BCGA2379<br><b>IC:</b> 579C-A2379  |  |                                   | <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2101020005-15-R1.BCG | <b>Test Dates:</b><br>12/12/2020 - 03/2/2021 | <b>EUT Type:</b><br>Tablet Device | Page 95 of 348                                      |  |




|        | Frequency [MHz] | Channel No. | 802.11 Mode   | Data Rate [Mbps] | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|---------------|------------------|-------------------------------------|--|-------------|
| Band 3 | 5745            | 149         | n (20MHz)     | 6.5/7.2 (MCS0)   | 6.34                                | 30.0                                       | -23.66      |
|        | 5785            | 157         | n (20MHz)     | 6.5/7.2 (MCS0)   | 6.08                                | 30.0                                       | -23.92      |
|        | 5825            | 165         | n (20MHz)     | 6.5/7.2 (MCS0)   | 6.19                                | 30.0                                       | -23.81      |
|        | 5745            | 149         | ax-SU (20MHz) | 8/8.6 (MCS0)     | 8.80                                | 30.0                                       | -21.20      |
|        | 5785            | 157         | ax-SU (20MHz) | 8/8.6 (MCS0)     | 4.90                                | 30.0                                       | -25.10      |
|        | 5825            | 165         | ax-SU (20MHz) | 8/8.6 (MCS0)     | 8.75                                | 30.0                                       | -21.25      |
|        | 5755            | 151         | n (40MHz)     | 13.5/15 (MCS0)   | 3.61                                | 30.0                                       | -26.39      |
|        | 5795            | 159         | n (40MHz)     | 13.5/15 (MCS0)   | 3.26                                | 30.0                                       | -26.74      |
|        | 5755            | 151         | ax-SU (40MHz) | 16/17.2 (MCS0)   | 5.38                                | 30.0                                       | -24.62      |
|        | 5795            | 159         | ax-SU (40MHz) | 16/17.2 (MCS0)   | 7.08                                | 30.0                                       | -22.92      |
|        | 5775            | 155         | ac (80MHz)    | 29.3/32.5 (MCS0) | 0.77                                | 30.0                                       | -29.23      |
|        | 5775            | 155         | ax-SU (80MHz) | 34/36.0 (MCS0)   | -0.20                               | 30.0                                       | -30.20      |

**Table 7-95. Band 3 Power Spectral Density Measurements Antenna 5b (Low Data Rate)**



|        | Frequency [MHz] | Channel No. | 802.11 Mode   | Data Rate [Mbps] | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|---------------|------------------|-------------------------------------|--|-------------|
| Band 3 | 5745            | 149         | n (20MHz)     | 26/28.9 (MCS3)   | 6.72                                | 30.0                                       | -23.28      |
|        | 5785            | 157         | n (20MHz)     | 26/28.9 (MCS3)   | 6.37                                | 30.0                                       | -23.63      |
|        | 5825            | 165         | n (20MHz)     | 26/28.9 (MCS3)   | 6.52                                | 30.0                                       | -23.48      |
|        | 5745            | 149         | ax-SU (20MHz) | 33/34.4 (MCS3)   | 7.84                                | 30.0                                       | -22.16      |
|        | 5785            | 157         | ax-SU (20MHz) | 33/34.4 (MCS3)   | 5.65                                | 30.0                                       | -24.35      |
|        | 5825            | 165         | ax-SU (20MHz) | 33/34.4 (MCS3)   | 7.71                                | 30.0                                       | -22.29      |
|        | 5755            | 151         | n (40MHz)     | 54/60 (MCS3)     | 3.88                                | 30.0                                       | -26.12      |
|        | 5795            | 159         | n (40MHz)     | 54/60 (MCS3)     | 3.90                                | 30.0                                       | -26.10      |
|        | 5755            | 151         | ax-SU (40MHz) | 65/68.8 (MCS3)   | 5.30                                | 30.0                                       | -24.70      |
|        | 5795            | 159         | ax-SU (40MHz) | 65/68.8 (MCS3)   | 5.93                                | 30.0                                       | -24.07      |
|        | 5775            | 155         | ac (80MHz)    | 117/130 (MCS3)   | 0.62                                | 30.0                                       | -29.38      |
|        | 5775            | 155         | ax-SU (80MHz) | 567/600.5 (MCS3) | 0.40                                | 30.0                                       | -29.60      |

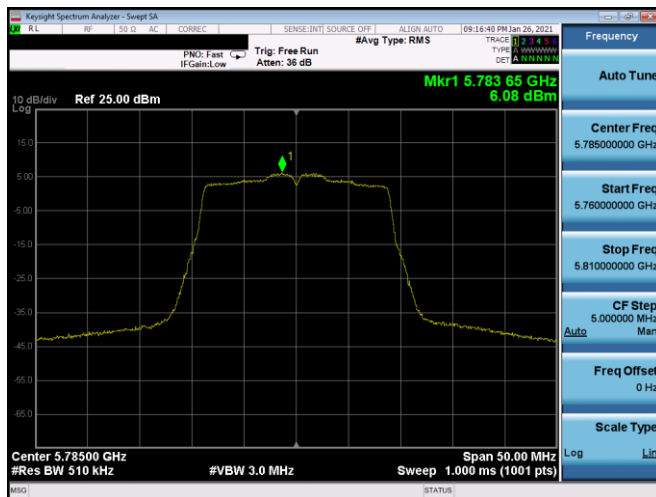
**Table 7-96. Band 3 Power Spectral Density Measurements Antenna 5b (Mid Data Rate)**

|  |  |   |                            |                                 |
|--|--|---|----------------------------|---------------------------------|
| FCC ID: BCGA2379<br>IC: 579C-A2379         |  |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020005-15-R1.BCG |  | Test Dates:<br>12/12/2020 - 03/2/2021   | EUT Type:<br>Tablet Device | Page 96 of 348                  |

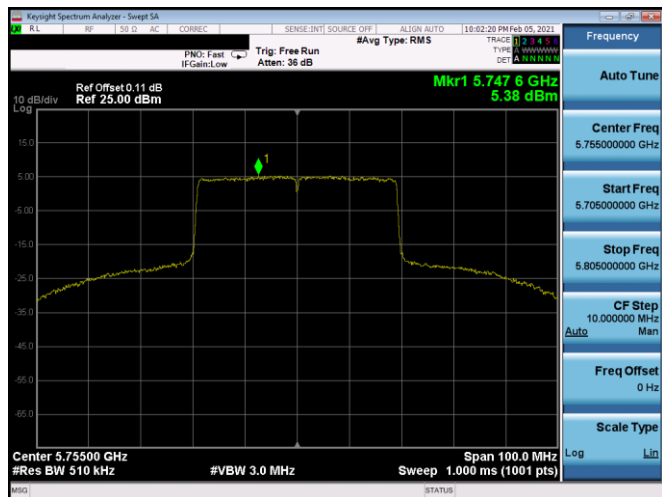
|               | Frequency [MHz] | Channel No. | 802.11 Mode   | Data Rate [Mbps]  | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|---------------|-----------------|-------------|---------------|-------------------|-------------------------------------|--|-------------|
| <b>Band 3</b> | 5745            | 149         | n (20MHz)     | 52/57.8 (MCS5)    | 5.64                                | 30.0                                       | -24.36      |
|               | 5785            | 157         | n (20MHz)     | 52/57.8 (MCS5)    | 5.29                                | 30.0                                       | -24.71      |
|               | 5825            | 165         | n (20MHz)     | 52/57.8 (MCS5)    | 5.55                                | 30.0                                       | -24.45      |
|               | 5745            | 149         | ax-SU (20MHz) | 135/143.4 (MCS11) | 6.86                                | 30.0                                       | -23.14      |
|               | 5785            | 157         | ax-SU (20MHz) | 135/143.4 (MCS11) | 5.67                                | 30.0                                       | -24.33      |
|               | 5825            | 165         | ax-SU (20MHz) | 135/143.4 (MCS11) | 6.79                                | 30.0                                       | -23.21      |
|               | 5755            | 151         | n (40MHz)     | 108/120 (MCS5)    | 2.85                                | 30.0                                       | -27.15      |
|               | 5795            | 159         | n (40MHz)     | 108/120 (MCS5)    | 2.61                                | 30.0                                       | -27.39      |
|               | 5755            | 151         | ax-SU (40MHz) | 271/286.8 (MCS11) | 4.37                                | 30.0                                       | -25.63      |
|               | 5795            | 159         | ax-SU (40MHz) | 271/286.8 (MCS11) | 4.54                                | 30.0                                       | -25.46      |
|               | 5775            | 155         | ac (80MHz)    | 292.5/325 (MCS5)  | -2.07                               | 30.0                                       | -32.07      |
|               | 5775            | 155         | ax-SU (80MHz) | 567/600.5 (MCS11) | 0.45                                | 30.0                                       | -29.56      |

**Table 7-97. Band 3 Power Spectral Density Measurements Antenna 5b (High Data Rate)**

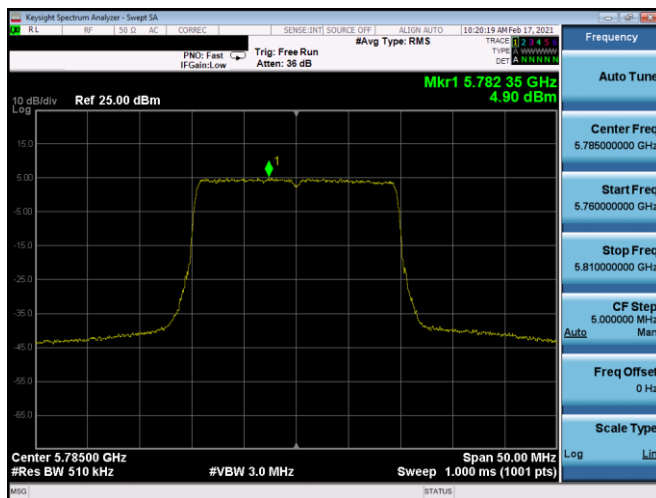
|   |   |   |  |
|---|---|---|--|
| <b>FCC ID:</b> BCGA2379<br><b>IC:</b> 579C-A2379  | <br><b>PCTEST</b><br>Proud to be part of  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2101020005-15-R1.BCG | <b>Test Dates:</b><br>12/12/2020 - 03/2/2021  | <b>EUT Type:</b><br>Tablet Device             | Page 97 of 348                         |



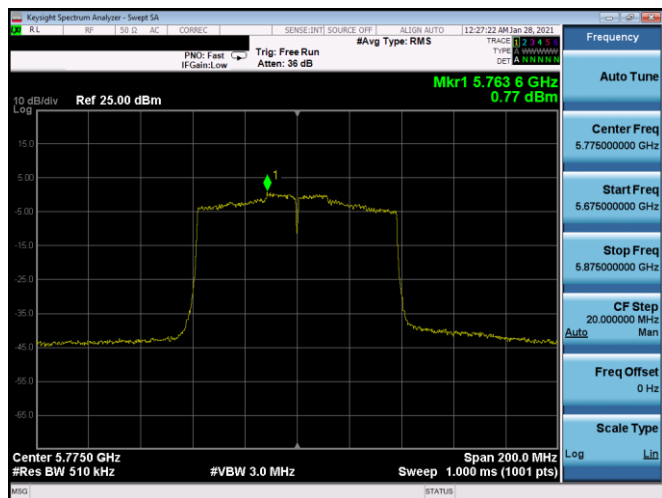
Plot 7-199. PSD Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS0)



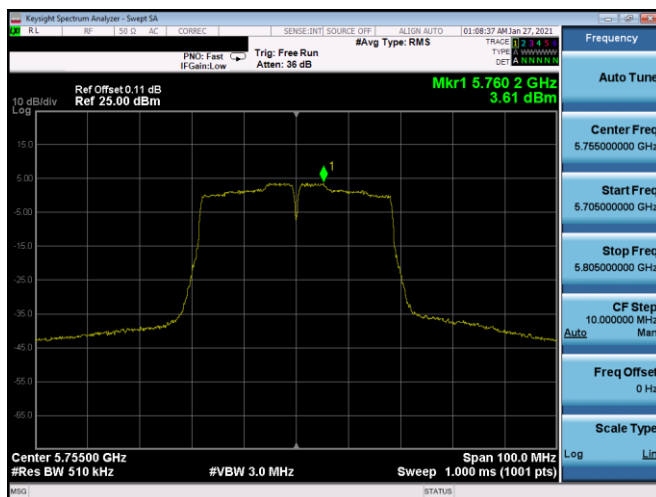
Plot 7-202. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



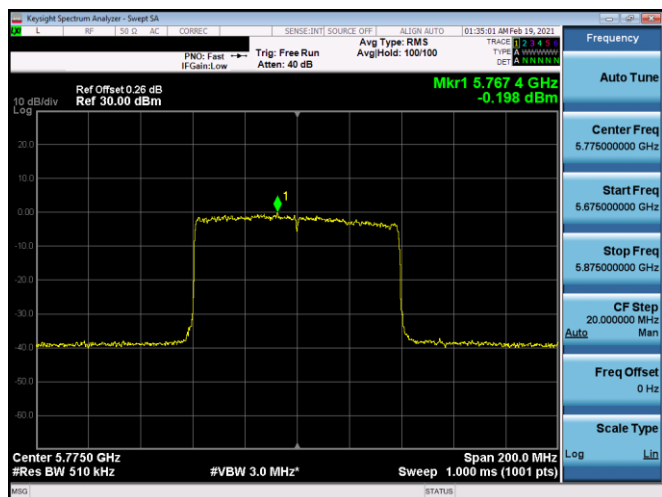
Plot 7-200. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



Plot 7-203. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS0)

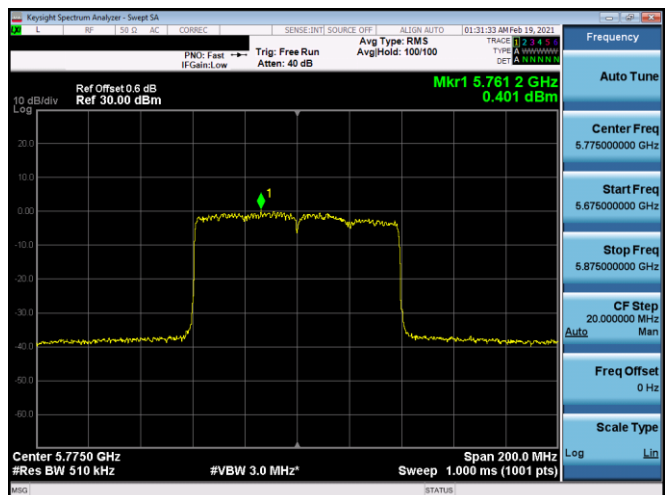
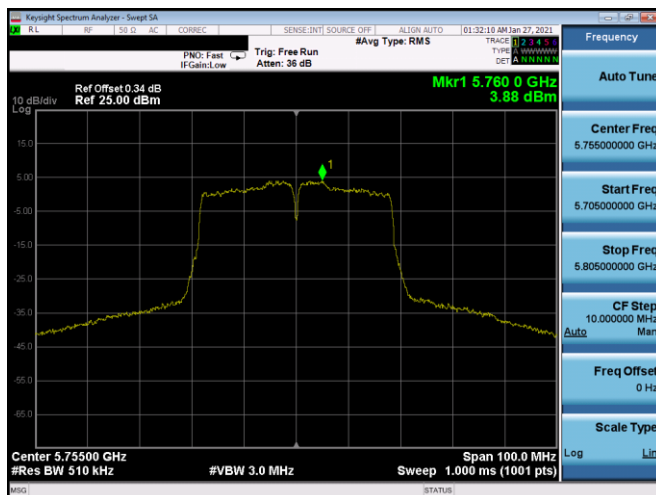
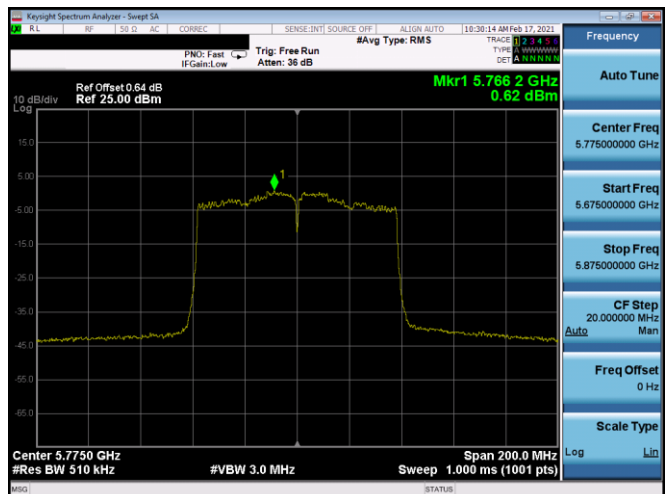
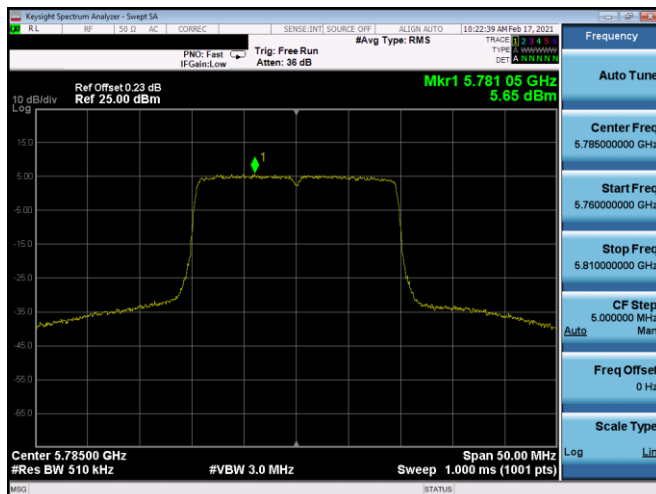
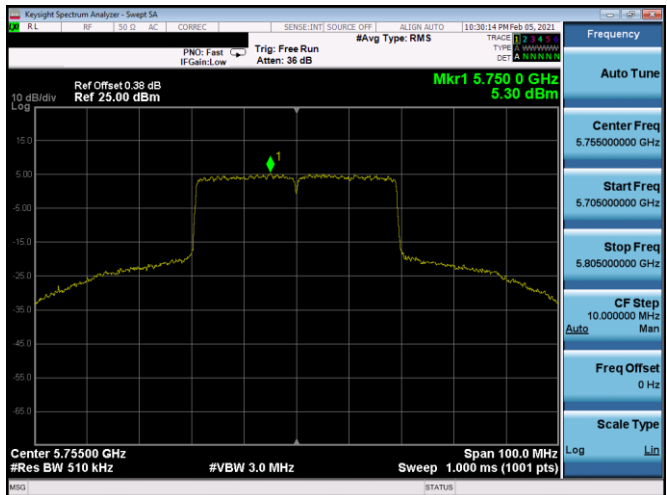
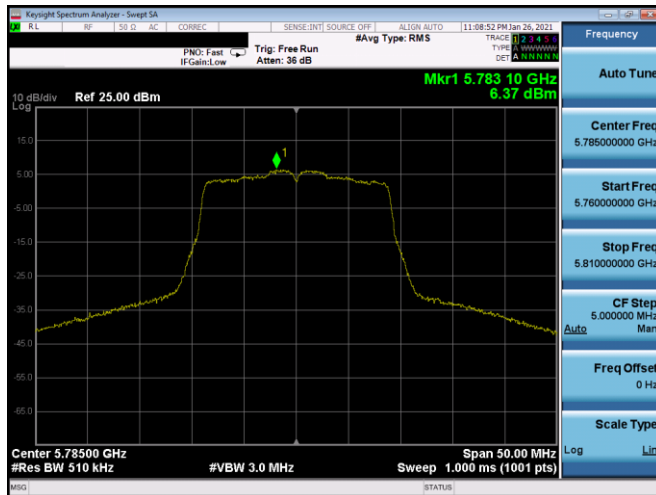


Plot 7-201. PSD Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS0)



Plot 7-204. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)

|  |  |   |   |
|--|--|---|---|
| <p>FCC ID: BCGA2379<br/>IC: 579C-A2379</p>         | <p><b>PCTEST</b><br/>Proud to be part of element</p> | <p>MEASUREMENT REPORT<br/>(CERTIFICATION)</p> | <p>Approved by:<br/>Quality Manager</p> |
| <p>Test Report S/N:<br/>1C2101020005-15-R1.BCG</p> | <p>Test Dates:<br/>12/12/2020 - 03/2/2021</p>        | <p>EUT Type:<br/>Tablet Device</p>            | <p>Page 98 of 348</p>                   |



|   |  |                                   |   |  |
|---|--|-----------------------------------|---|--|
| <b>FCC ID:</b> BCGA2379<br><b>IC:</b> 579C-A2379  |  |                                   | <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2101020005-15-R1.BCG | <b>Test Dates:</b><br>12/12/2020 - 03/2/2021 | <b>EUT Type:</b><br>Tablet Device | Page 99 of 348                                      |  |