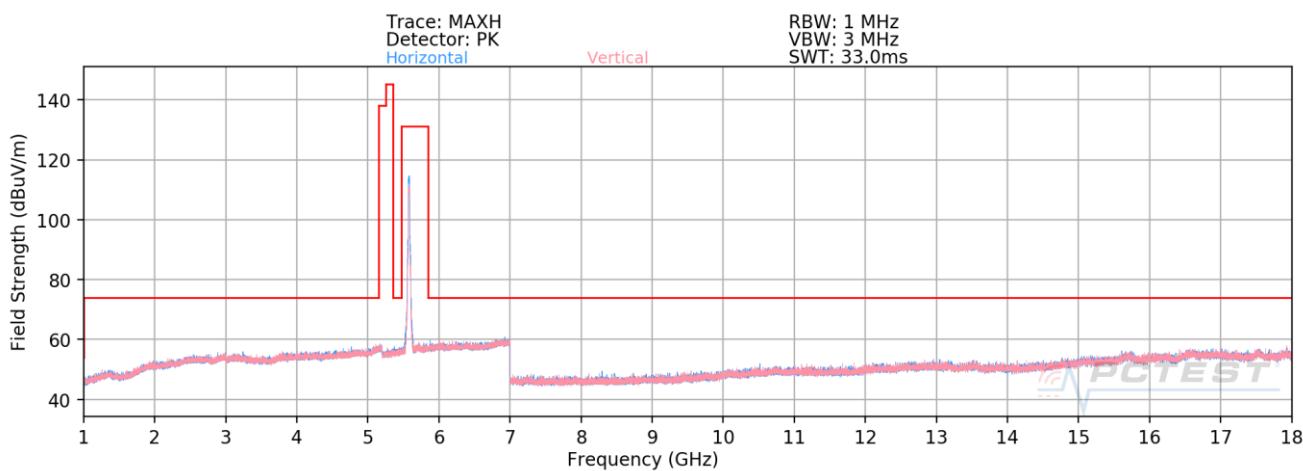
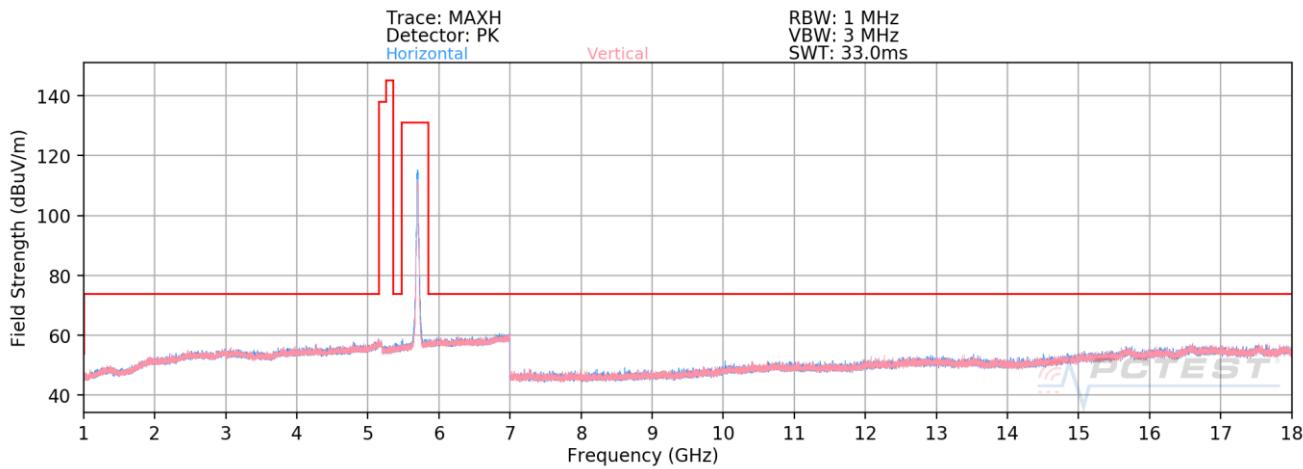


**Plot 7-313. Radiated Spurious Emissions above 1GHz Antenna 2b (802.11n – UNII 2C Ch. 100)**

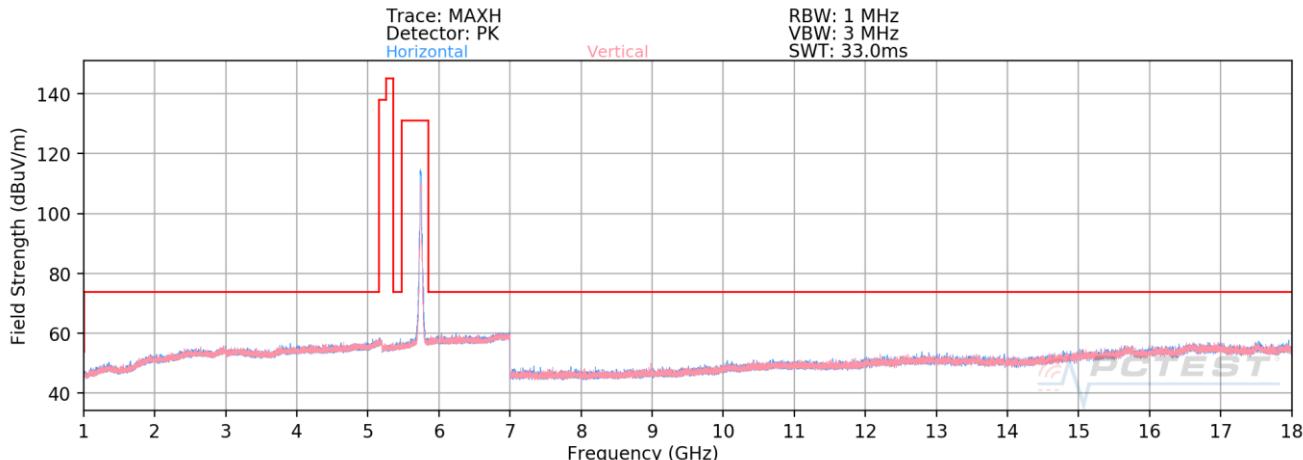


**Plot 7-314. Radiated Spurious Emissions above 1GHz Antenna 2b (802.11n – UNII 2C Ch. 116)**

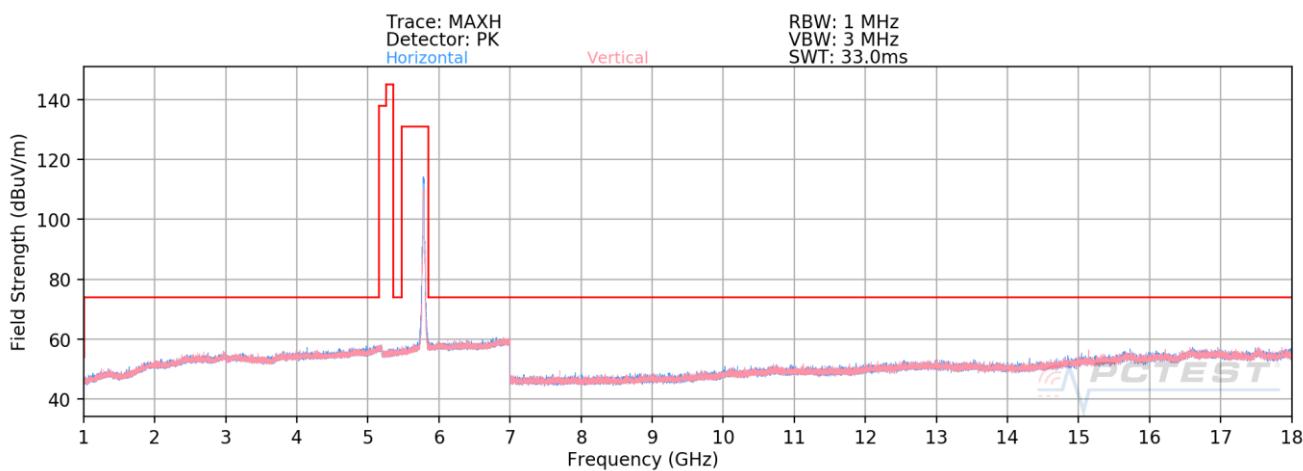


**Plot 7-315. Radiated Spurious Emissions above 1GHz Antenna 2b (802.11n – UNII 2C Ch. 144)**

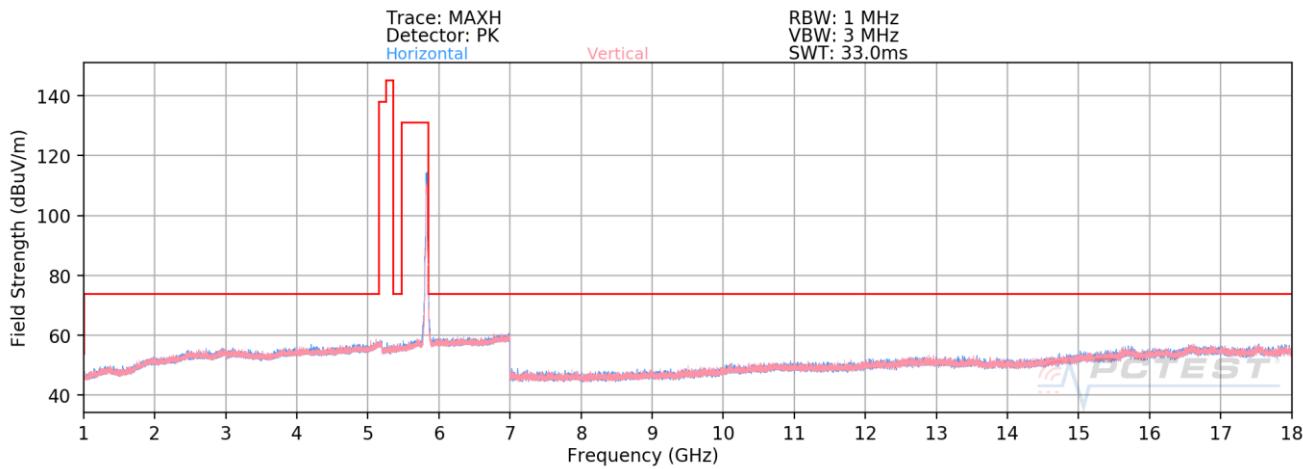
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 207 of 344                       |                                 |



**Plot 7-316. Radiated Spurious Emissions above 1GHz Antenna 2b (802.11n – UNII 3 Ch. 149)**



**Plot 7-317. Radiated Spurious Emissions above 1GHz Antenna 2b (802.11n – UNII 3 Ch. 157)**



**Plot 7-318. Radiated Spurious Emissions above 1GHz Antenna 2b (802.11n – UNII 3 Ch. 165)**

|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| 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>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 208 of 344                       |                                 |

## Antenna 2b Radiated Spurious Emission

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00        | Peak     | H               | -                   | -                          | -69.45               | 12.62       | 50.17                         | 68.20                | -18.03      |
| * 15540.00      | Average  | H               | -                   | -                          | -81.95               | 18.27       | 43.32                         | 53.98                | -10.66      |
| * 15540.00      | Peak     | H               | -                   | -                          | -69.33               | 18.27       | 55.94                         | 73.98                | -18.04      |

**Table 7-58. Radiated Measurements Antenna 2b**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5200MHz  |
| Channel:                  | 40       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00        | Peak     | H               | -                   | -                          | -69.56               | 13.01       | 50.45                         | 68.20                | -17.75      |
| * 15600.00      | Average  | H               | -                   | -                          | -81.81               | 19.04       | 44.23                         | 53.98                | -9.75       |
| * 15600.00      | Peak     | H               | -                   | -                          | -70.44               | 19.04       | 55.60                         | 73.98                | -18.38      |

**Table 7-59. Radiated Measurements Antenna 2b**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5240MHz  
 Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00        | Peak     | H               | -                   | -                          | -64.74               | 12.58       | 54.84                         | 68.20                | -13.36      |
| * 15720.00      | Average  | H               | -                   | -                          | -82.20               | 20.38       | 45.18                         | 53.98                | -8.80       |
| * 15720.00      | Peak     | H               | -                   | -                          | -71.79               | 20.38       | 55.59                         | 73.98                | -18.39      |

**Table 7-60. Radiated Measurements Antenna 2b**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5260MHz  
 Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00        | Peak     | H               | -                   | -                          | -69.35               | 12.46       | 50.11                         | 68.20                | -18.09      |
| * 15780.00      | Average  | H               | -                   | -                          | -82.40               | 19.59       | 44.19                         | 53.98                | -9.79       |
| * 15780.00      | Peak     | H               | -                   | -                          | -70.98               | 19.59       | 55.61                         | 73.98                | -18.37      |

**Table 7-61. Radiated Measurements Antenna 2b**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5280MHz  |
| Channel:                  | 56       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00        | Peak     | H               | -                   | -                          | -68.85               | 12.33       | 50.48                         | 68.20                | -17.72      |
| * 15840.00      | Average  | H               | -                   | -                          | -82.12               | 18.89       | 43.77                         | 53.98                | -10.21      |
| * 15840.00      | Peak     | H               | -                   | -                          | -70.91               | 18.89       | 54.98                         | 73.98                | -19.00      |

**Table 7-62. Radiated Measurements Antenna 2b**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5320MHz  |
| Channel:                  | 64       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 10640.00      | Average  | H               | -                   | -                          | -80.69               | 12.87       | 39.18                         | 53.98                | -14.80      |
| * 10640.00      | Peak     | H               | -                   | -                          | -69.19               | 12.87       | 50.68                         | 73.98                | -23.30      |
| * 15960.00      | Average  | H               | -                   | -                          | -82.53               | 19.04       | 43.51                         | 53.98                | -10.47      |
| * 15960.00      | Peak     | H               | -                   | -                          | -71.51               | 19.04       | 54.53                         | 73.98                | -19.45      |

**Table 7-63. Radiated Measurements Antenna 2b**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11000.00      | Average  | H               | -                   | -                          | -80.98               | 13.31       | 39.33                         | 53.98                | -14.65      |
| * 11000.00      | Peak     | H               | -                   | -                          | -69.91               | 13.31       | 50.40                         | 73.98                | -23.58      |
| 16500.00        | Peak     | H               | -                   | -                          | -70.07               | 19.79       | 56.72                         | 68.20                | -11.48      |

**Table 7-64. Radiated Measurements Antenna 2b**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580Hz  
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11160.00      | Average  | H               | -                   | -                          | -81.02               | 13.17       | 39.15                         | 53.98                | -14.83      |
| * 11160.00      | Peak     | H               | -                   | -                          | -69.33               | 13.17       | 50.84                         | 73.98                | -23.14      |
| 16740.00        | Peak     | H               | -                   | -                          | -70.56               | 19.83       | 56.27                         | 68.20                | -11.93      |

**Table 7-65. Radiated Measurements Antenna 2b**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5720     |
| Channel:                  | 144      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |        |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|--------|
| *               | 11440.00 | Average         | H                   | -                          | -                    | -81.22      | 13.81                         | 39.59                | 53.98       | -14.39 |
| *               | 11440.00 | Peak            | H                   | -                          | -                    | -69.95      | 13.81                         | 50.86                | 73.98       | -23.12 |
|                 | 17160.00 | Peak            | H                   | -                          | -                    | -70.65      | 19.96                         | 56.31                | 68.20       | -11.89 |

**Table 7-66. Radiated Measurements Antenna 2b**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5745MHz  |
| Channel:                  | 149      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |        |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|--------|
| *               | 11490.00 | Average         | H                   | -                          | -                    | -81.45      | 14.03                         | 39.58                | 53.98       | -14.40 |
| *               | 11490.00 | Peak            | H                   | -                          | -                    | -70.21      | 14.03                         | 50.82                | 73.98       | -23.16 |
|                 | 17235.00 | Peak            | H                   | -                          | -                    | -70.61      | 20.11                         | 56.50                | 68.20       | -11.70 |

**Table 7-67. Radiated Measurements Antenna 2b**

|  |  |                                       |  |  |  |                                 |
|--|--|---------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> | MEASUREMENT REPORT<br>(CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device            |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5785MHz  
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11570.00      | Average  | H               | -                   | -                          | -81.46               | 14.21       | 39.75                         | 53.98                | -14.23      |
| * 11570.00      | Peak     | H               | -                   | -                          | -70.65               | 14.21       | 50.56                         | 73.98                | -23.42      |
| 17355.00        | Peak     | H               | -                   | -                          | -71.59               | 19.86       | 55.27                         | 68.20                | -12.93      |

**Table 7-68. Radiated Measurements Antenna 2b**

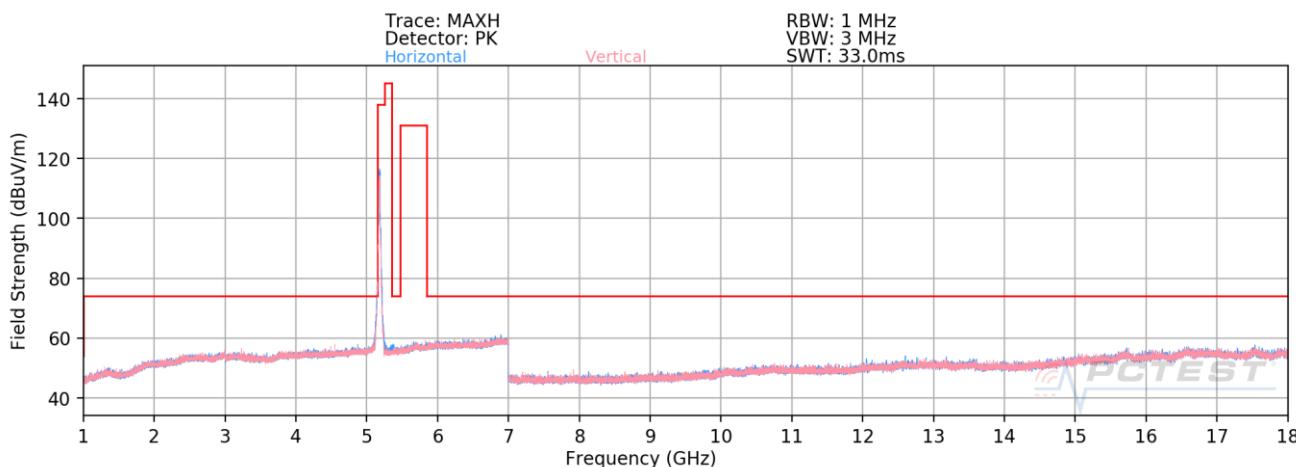
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11650.00      | Average  | H               | -                   | -                          | -81.47               | 14.25       | 39.78                         | 53.98                | -14.20      |
| * 11650.00      | Peak     | H               | -                   | -                          | -69.57               | 14.25       | 51.68                         | 73.98                | -22.30      |
| 17475.00        | Peak     | H               | -                   | -                          | -71.57               | 20.58       | 56.01                         | 68.20                | -12.19      |

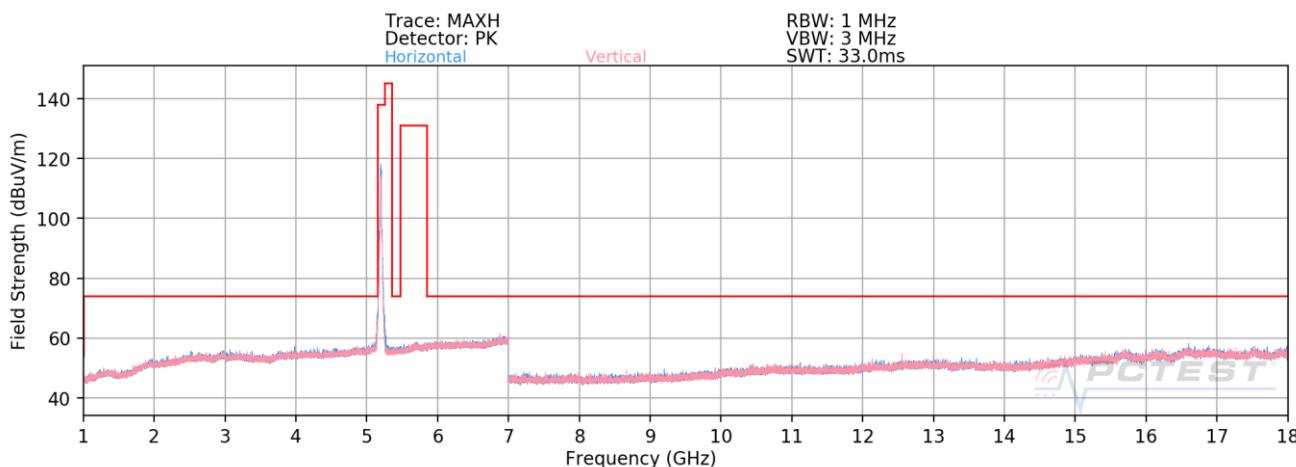
**Table 7-69. Radiated Measurements Antenna 2b**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

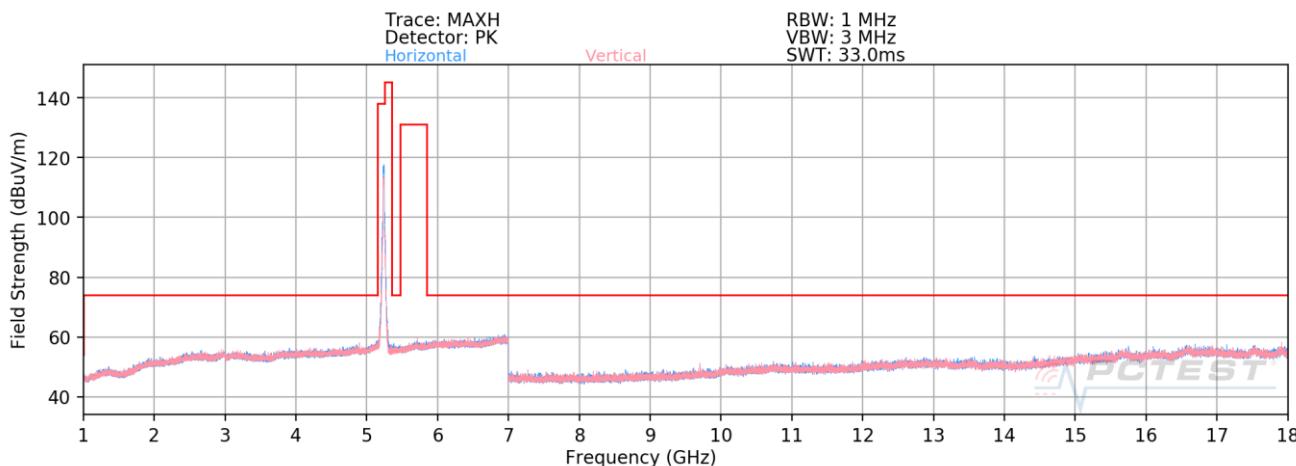
## 7.6.2 Antenna 2a Radiated Spurious Emission



Plot 7-319. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 1 Ch. 36)

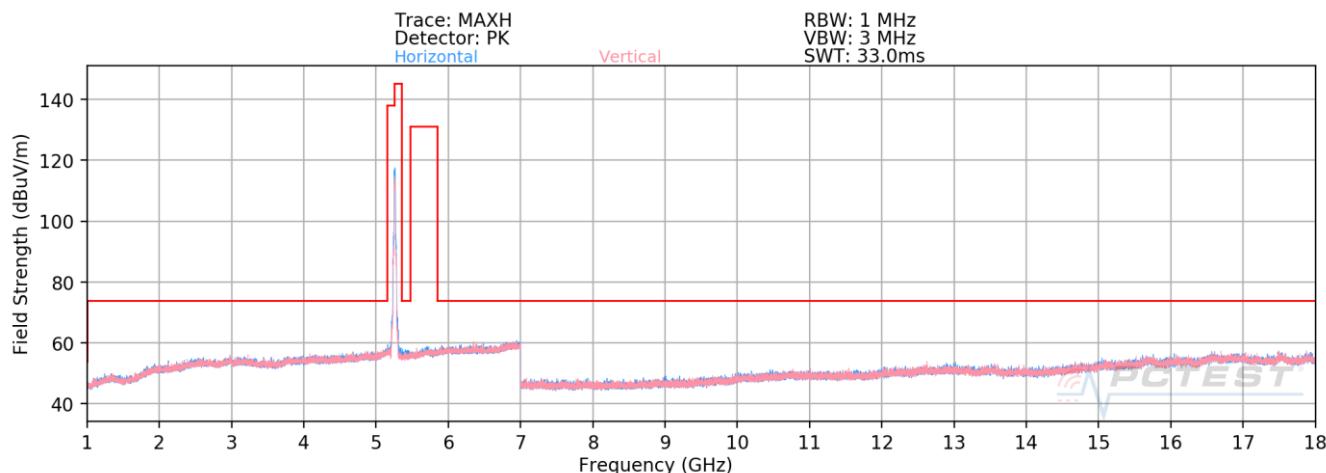


Plot 7-320. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 1 Ch. 40)

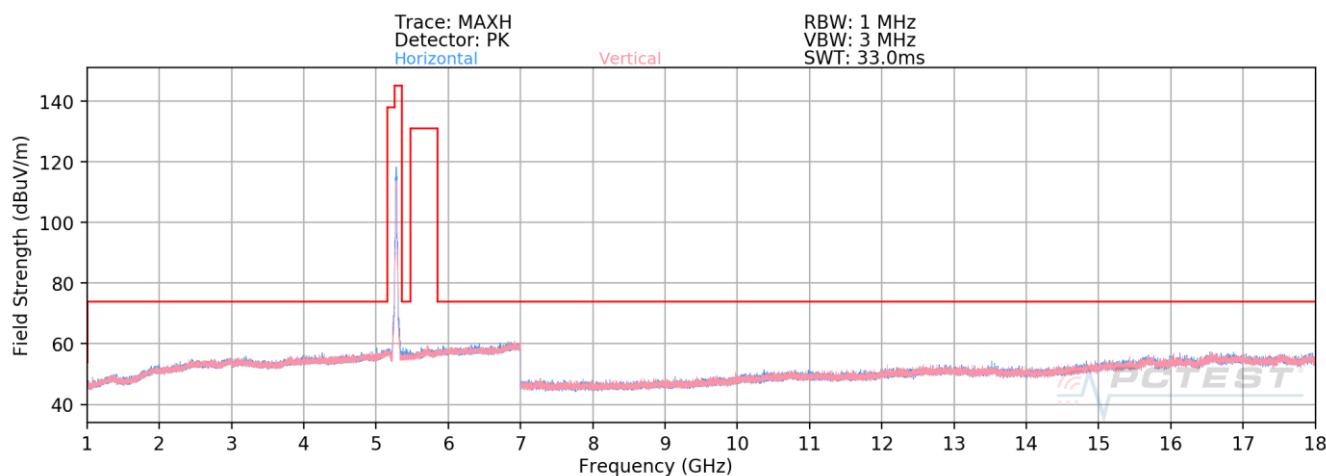


Plot 7-321. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 1 Ch. 48)

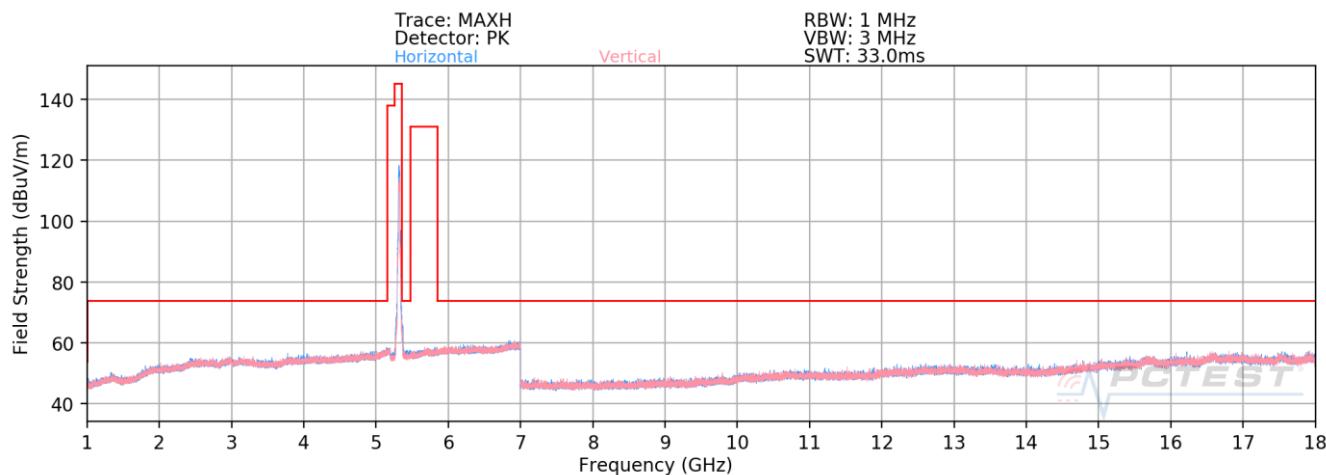
|  |  |                                       |                 |                                 |
|--|--|---------------------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) |                 | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device            | Page 215 of 344 |                                 |



**Plot 7-322. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 2A Ch. 52)**

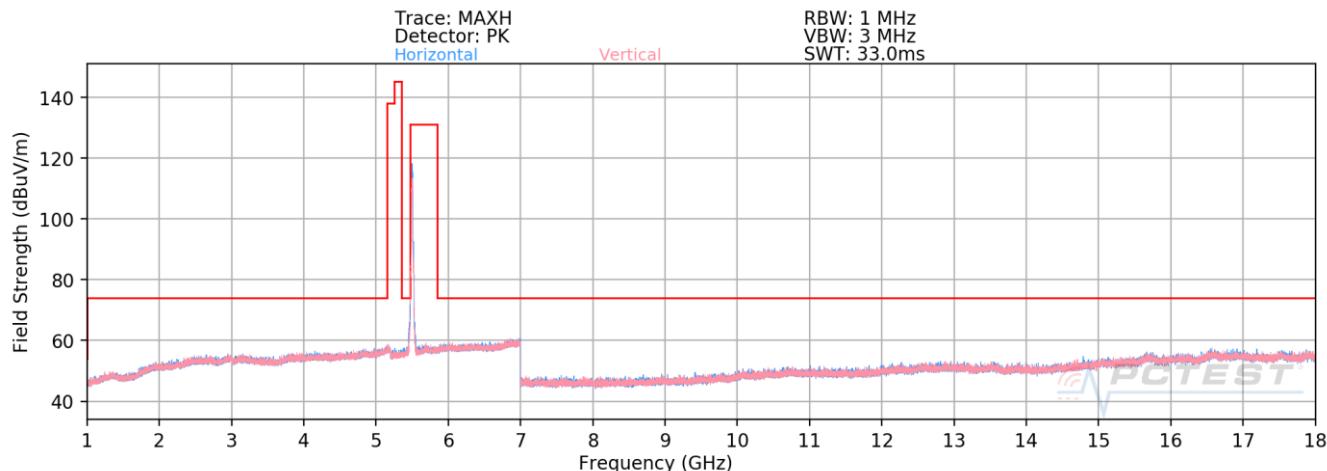


**Plot 7-323. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 2A Ch. 56)**

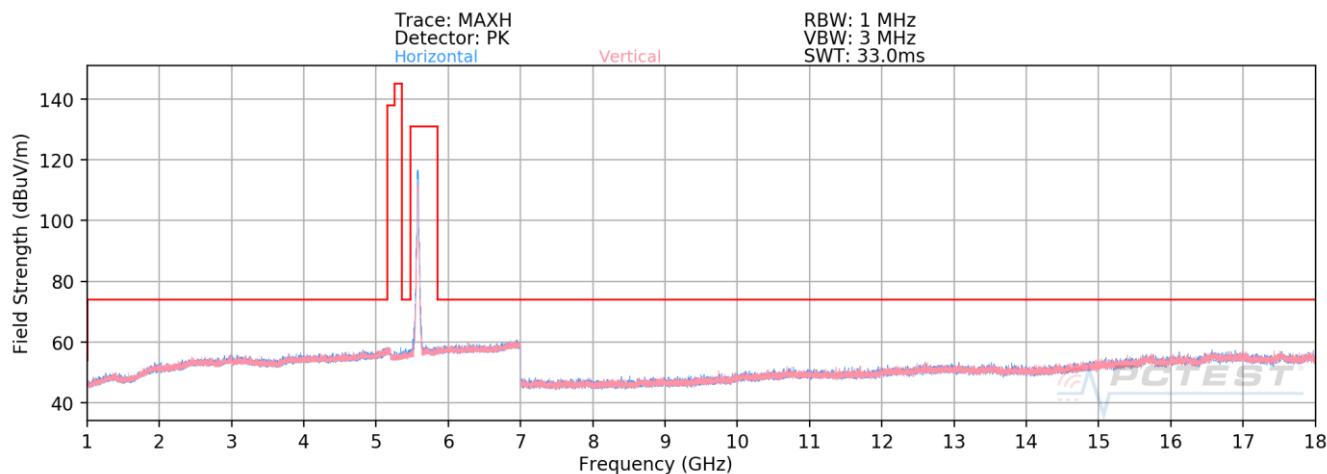


**Plot 7-324. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 2A Ch. 64)**

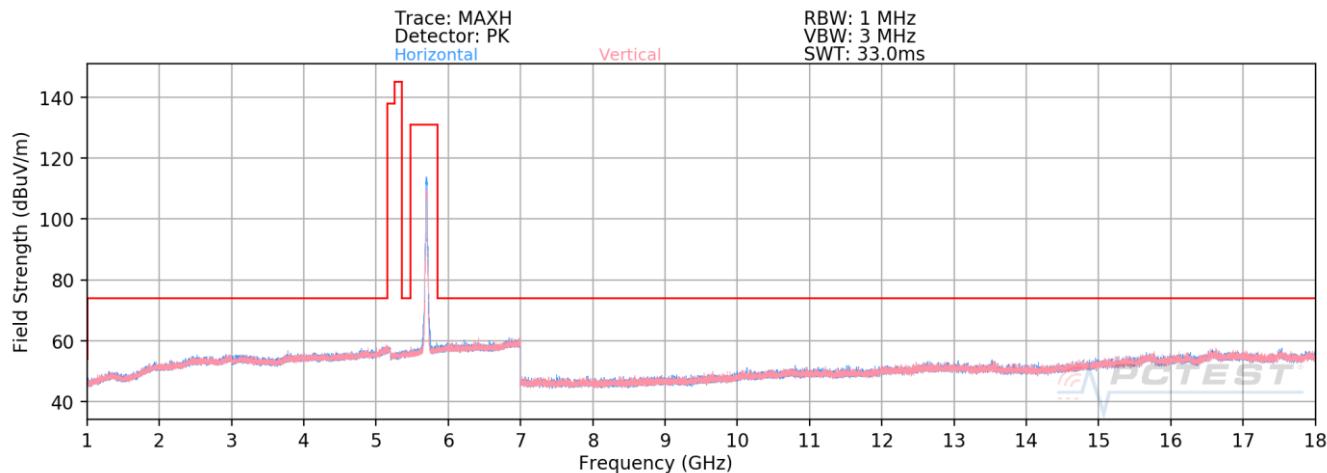
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 216 of 344                       |                                 |



**Plot 7-325. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 2C Ch. 100)**

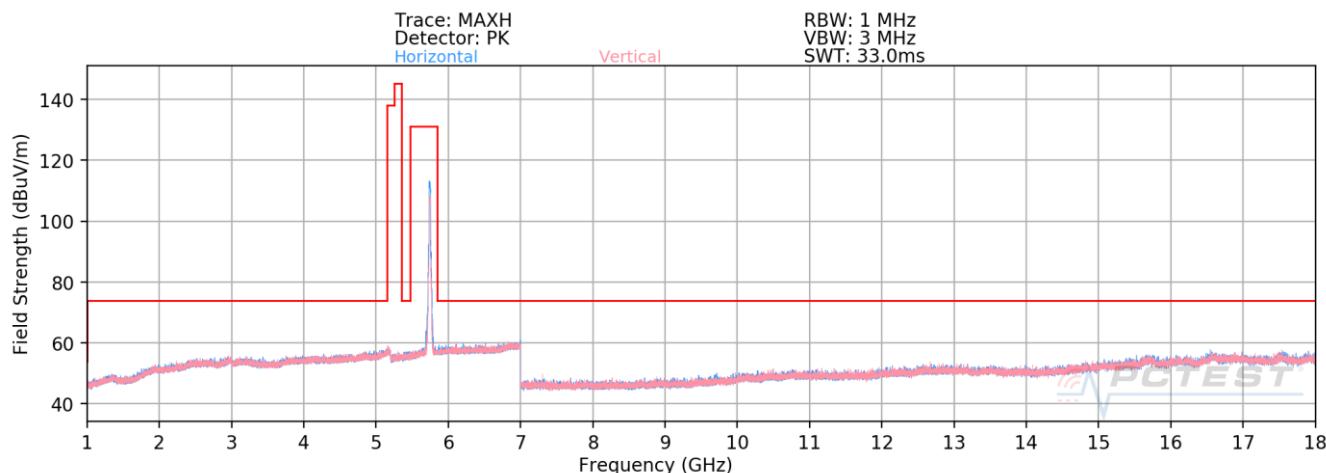


**Plot 7-326. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 2C Ch. 116)**

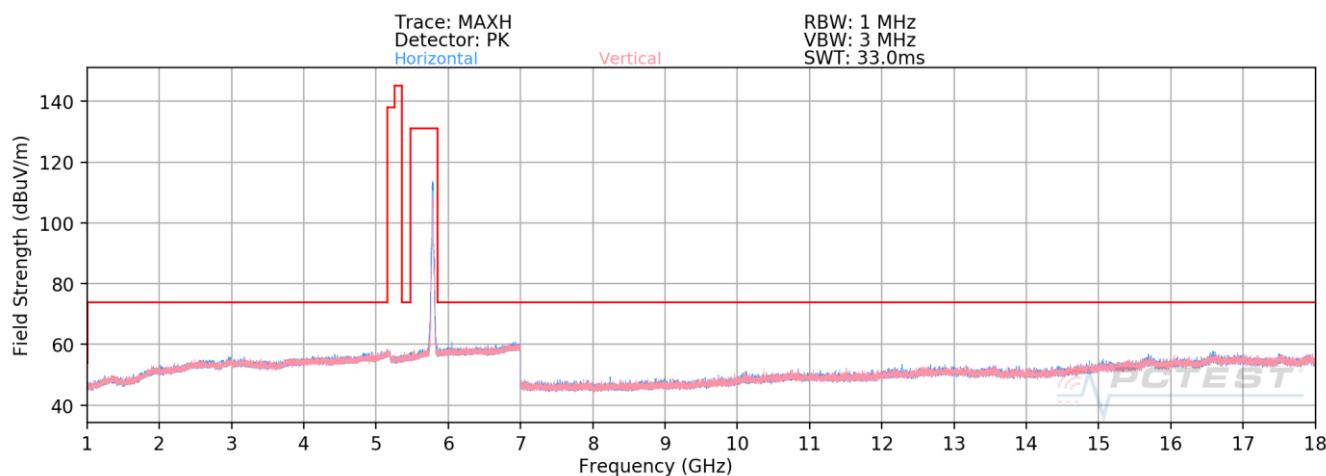


**Plot 7-327. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 2C Ch. 144)**

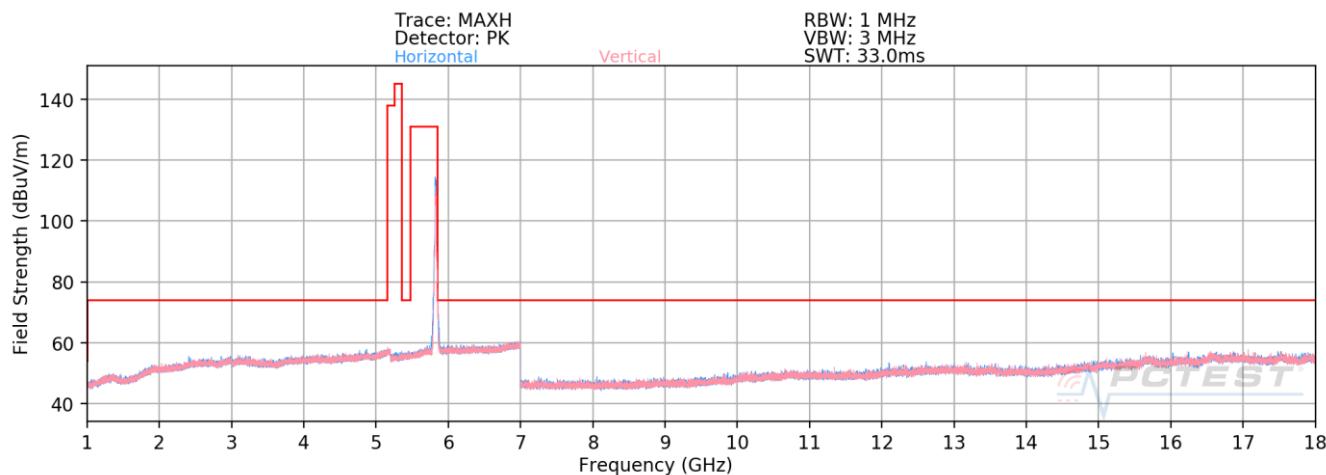
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 217 of 344                       |                                 |



**Plot 7-328. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 3 Ch. 149)**



**Plot 7-329. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 3 Ch. 157)**



**Plot 7-330. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11n – UNII 3 Ch. 165)**

|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |                                       | Page 218 of 344                 |

**Antenna 2a Radiated Spurious Emission**
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00        | Peak     | H               | -                   | -                          | -69.28               | 12.62       | 50.34                         | 68.20                | -17.86      |
| * 15540.00      | Average  | H               | -                   | -                          | -82.24               | 18.27       | 43.03                         | 53.98                | -10.95      |
| * 15540.00      | Peak     | H               | -                   | -                          | -71.30               | 18.27       | 53.97                         | 73.98                | -20.01      |

**Table 7-70. Radiated Measurements Antenna 2a**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5200MHz  |
| Channel:                  | 40       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00        | Peak     | H               | -                   | -                          | -69.30               | 13.01       | 50.71                         | 68.20                | -17.49      |
| * 15600.00      | Average  | H               | -                   | -                          | -81.72               | 19.04       | 44.32                         | 53.98                | -9.66       |
| * 15600.00      | Peak     | H               | -                   | -                          | -70.01               | 19.04       | 56.03                         | 73.98                | -17.95      |

**Table 7-71. Radiated Measurements Antenna 2a**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5240MHz  |
| Channel:                  | 48       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00        | Peak     | H               | -                   | -                          | -71.04               | 12.58       | 48.54                         | 68.20                | -19.66      |
| * 15720.00      | Average  | H               | -                   | -                          | -83.86               | 20.38       | 43.52                         | 53.98                | -10.46      |
| * 15720.00      | Peak     | H               | -                   | -                          | -73.20               | 20.38       | 54.18                         | 73.98                | -19.80      |

**Table 7-72. Radiated Measurements Antenna 2a**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5260MHz  |
| Channel:                  | 52       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00        | Peak     | H               | -                   | -                          | -69.34               | 12.46       | 50.12                         | 68.20                | -18.08      |
| * 15780.00      | Average  | H               | -                   | -                          | -82.37               | 19.59       | 44.22                         | 53.98                | -9.76       |
| * 15780.00      | Peak     | H               | -                   | -                          | -71.07               | 19.59       | 55.52                         | 73.98                | -18.46      |

**Table 7-73. Radiated Measurements Antenna 2a**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5280MHz  
 Channel: 56

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00        | Peak     | H               | *                   | -                          | -68.85               | 12.33       | 50.48                         | 68.20                | -17.72      |
| * 15840.00      | Average  | H               | -                   | -                          | -81.97               | 18.89       | 43.92                         | 53.98                | -10.06      |
| * 15840.00      | Peak     | H               | -                   | -                          | -71.22               | 18.89       | 54.67                         | 73.98                | -19.31      |

**Table 7-74. Radiated Measurements Antenna 2a**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 10640.00      | Average  | H               | -                   | -                          | -80.81               | 12.87       | 39.06                         | 53.98                | -14.92      |
| * 10640.00      | Peak     | H               | -                   | -                          | -69.31               | 12.87       | 50.56                         | 73.98                | -23.42      |
| * 15960.00      | Average  | H               | -                   | -                          | -82.64               | 19.04       | 43.40                         | 53.98                | -10.58      |
| * 15960.00      | Peak     | H               | -                   | -                          | -70.25               | 19.04       | 55.79                         | 73.98                | -18.19      |

**Table 7-75. Radiated Measurements Antenna 2a**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11000.00      | Average  | H               | -                   | -                          | -81.16               | 13.31       | 39.15                         | 53.98                | -14.83      |
| * 11000.00      | Peak     | H               | -                   | -                          | -68.86               | 13.31       | 51.45                         | 73.98                | -22.53      |
| 16500.00        | Peak     | H               | -                   | -                          | -70.72               | 19.79       | 56.07                         | 68.20                | -12.13      |

**Table 7-76. Radiated Measurements Antenna 2a**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580z  
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11160.00      | Average  | H               | -                   | -                          | -80.97               | 13.17       | 39.20                         | 53.98                | -14.78      |
| * 11160.00      | Peak     | H               | -                   | -                          | -69.60               | 13.17       | 50.57                         | 73.98                | -23.41      |
| 16740.00        | Peak     | H               | -                   | -                          | -70.75               | 19.83       | 56.08                         | 68.20                | -12.12      |

**Table 7-77. Radiated Measurements Antenna 2a**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5720MHz  |
| Channel:                  | 144      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11440.00      | Average  | H               | -                   | -                          | -81.32               | 13.81       | 39.49                         | 53.98                | -14.49      |
| * 11440.00      | Peak     | H               | -                   | -                          | -69.59               | 13.81       | 51.22                         | 73.98                | -22.76      |
| 17160.00        | Peak     | H               | -                   | -                          | -71.00               | 19.96       | 55.96                         | 68.20                | -12.24      |

**Table 7-78. Radiated Measurements Antenna 2a**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5745MHz  |
| Channel:                  | 149      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11490.00      | Average  | H               | -                   | -                          | -81.20               | 14.03       | 39.83                         | 53.98                | -14.15      |
| * 11490.00      | Peak     | H               | -                   | -                          | -69.69               | 14.03       | 51.34                         | 73.98                | -22.64      |
| 17235.00        | Peak     | H               | -                   | -                          | -71.26               | 20.11       | 55.85                         | 68.20                | -12.35      |

**Table 7-79. Radiated Measurements Antenna 2a**

|  |  |                                    |  |  |  |                                 |
|--|--|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5785MHz  
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11570.00      | Average  | H               | -                   | -                          | -81.46               | 14.21       | 39.75                         | 53.98                | -14.23      |
| * 11570.00      | Peak     | H               | -                   | -                          | -69.90               | 14.21       | 51.31                         | 73.98                | -22.67      |
| 17355.00        | Peak     | H               | -                   | -                          | -71.36               | 19.86       | 55.50                         | 68.20                | -12.70      |

**Table 7-80. Radiated Measurements Antenna 2a**

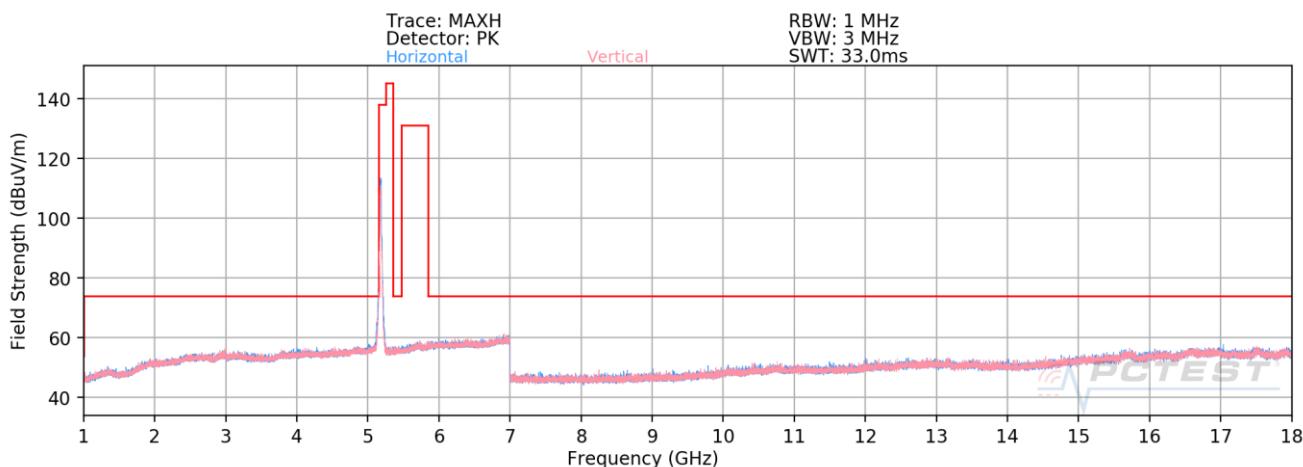
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11650.00      | Average  | H               | -                   | -                          | -81.46               | 14.25       | 39.79                         | 53.98                | -14.19      |
| * 11650.00      | Peak     | H               | -                   | -                          | -69.92               | 14.25       | 51.33                         | 73.98                | -22.65      |
| 17475.00        | Peak     | H               | -                   | -                          | -71.55               | 20.58       | 56.03                         | 68.20                | -12.17      |

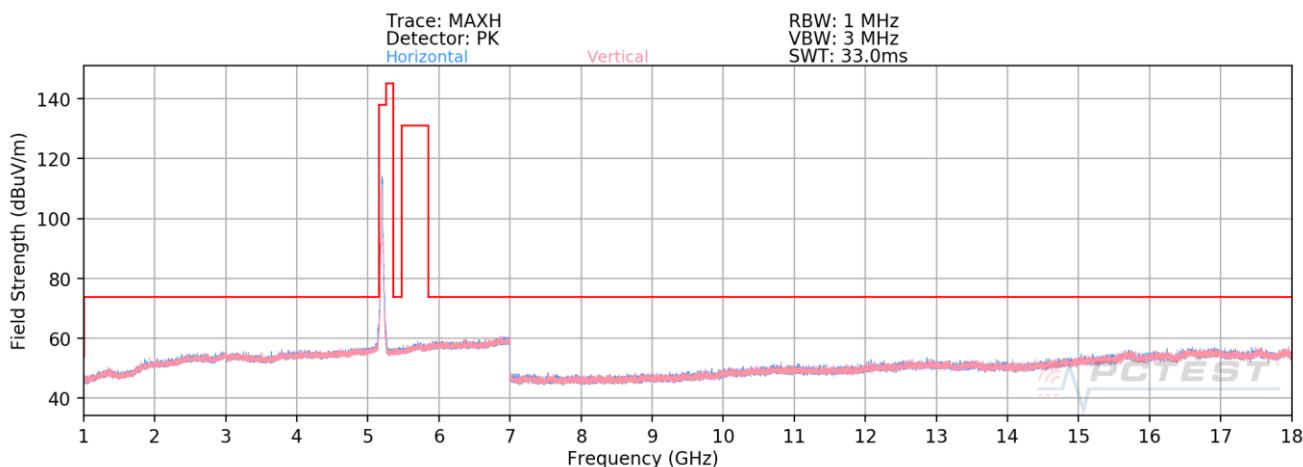
**Table 7-81. Radiated Measurements Antenna 2a**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

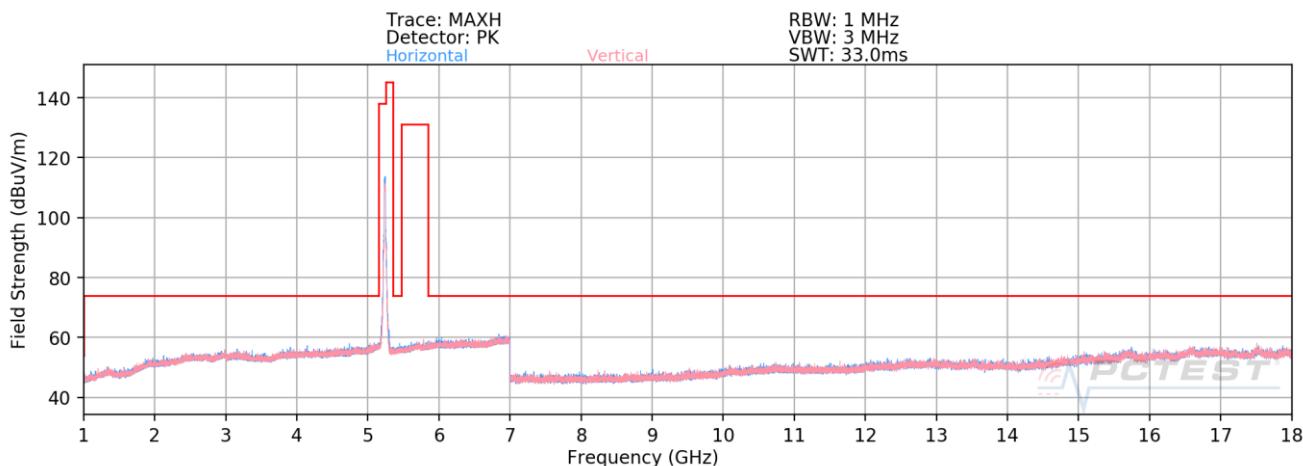
## 7.6.2 Antenna 1b Radiated Spurious Emission



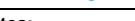
Plot 7-331. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 1 Ch. 36)

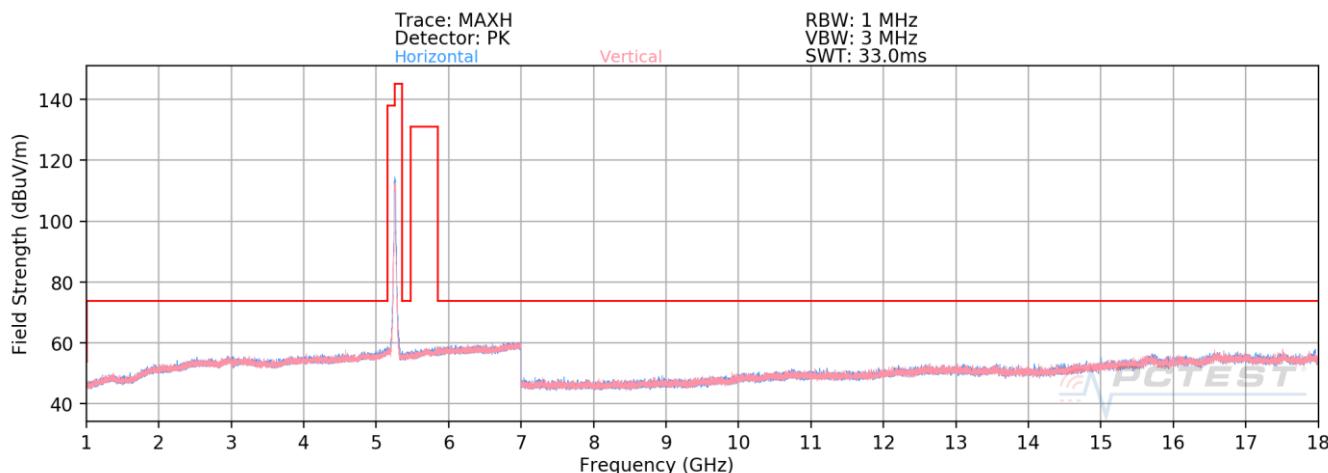


Plot 7-332. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 1 Ch. 40)

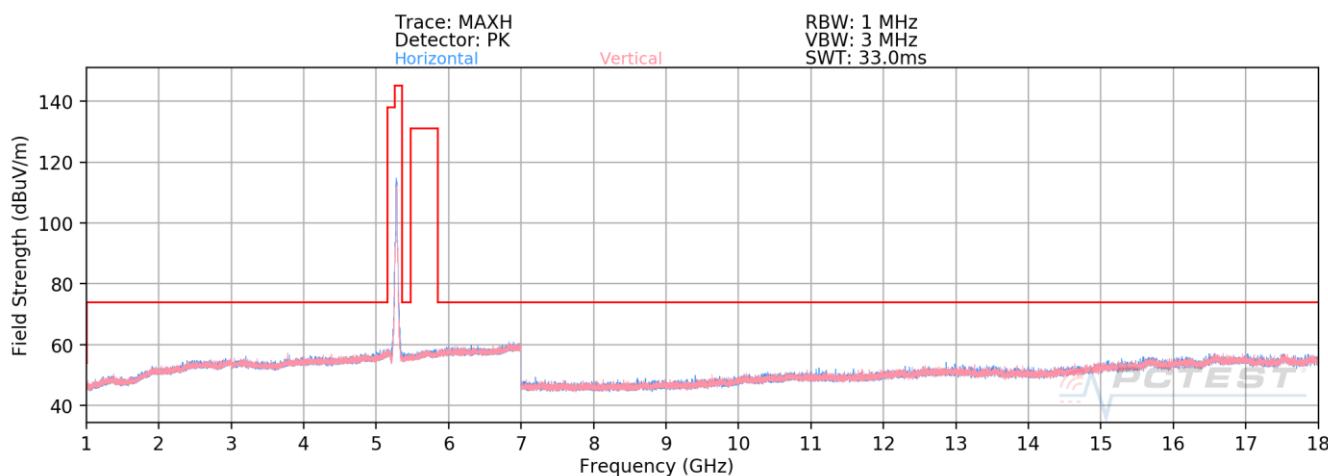


Plot 7-333. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 1 Ch. 48)

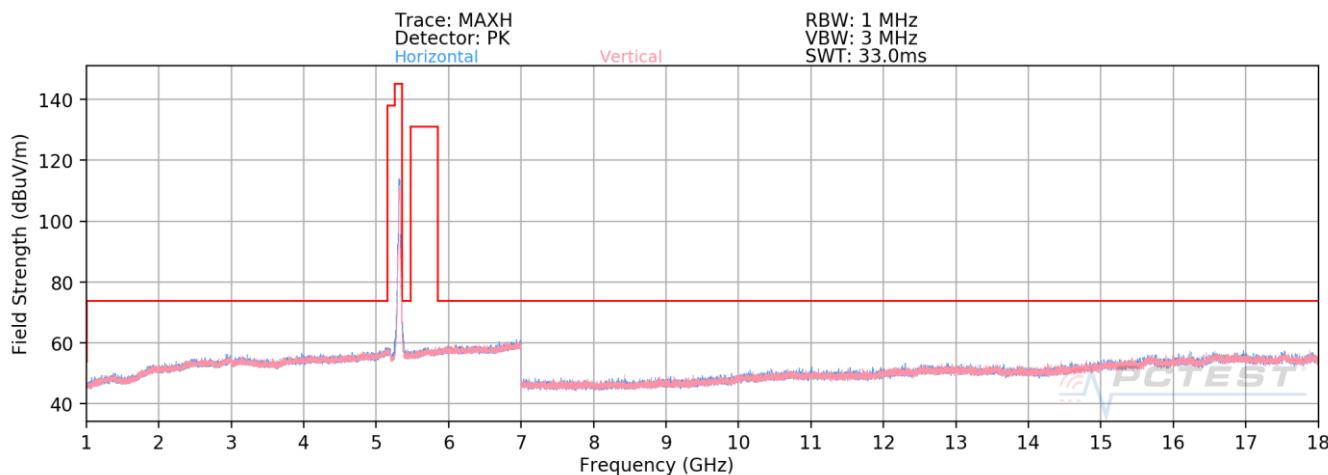
|  |  |                                       |                 |                                 |
|--|--|---------------------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) |                 | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device            | Page 225 of 344 |                                 |



**Plot 7-334. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 2A Ch. 52)**

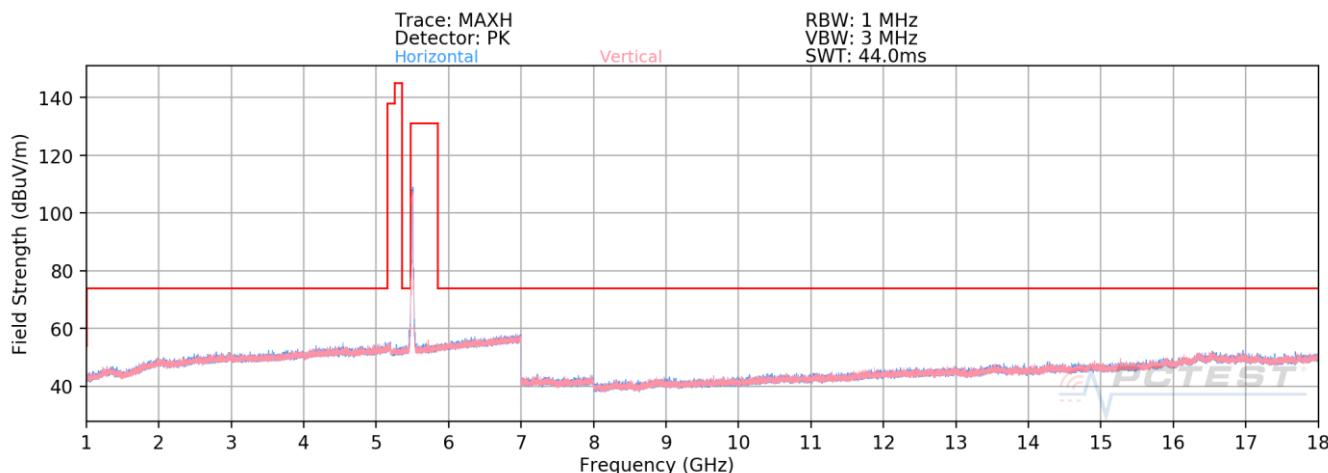


**Plot 7-335. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 2A Ch. 56)**

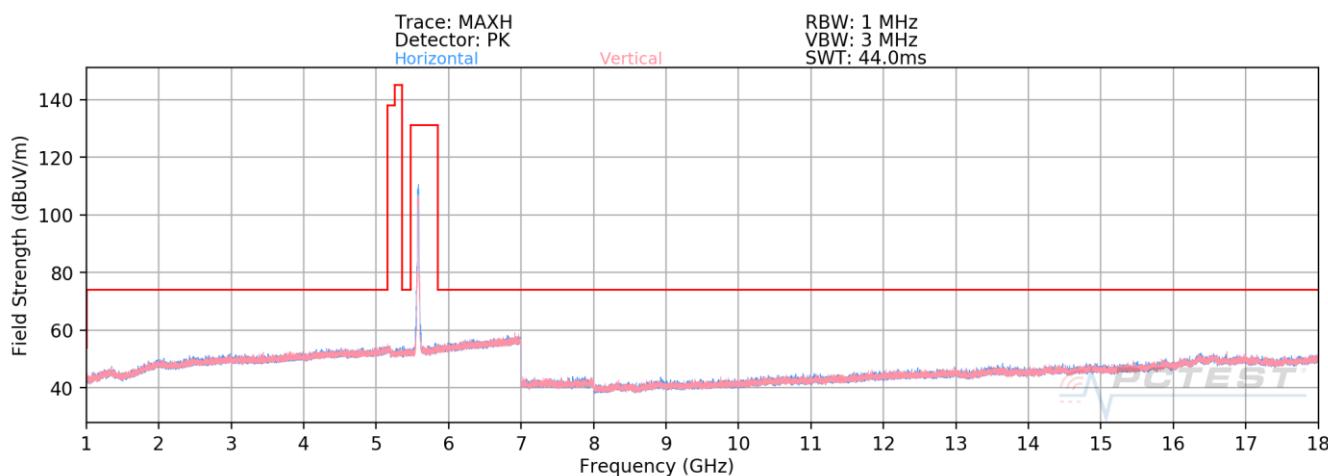


**Plot 7-336. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 2A Ch. 64)**

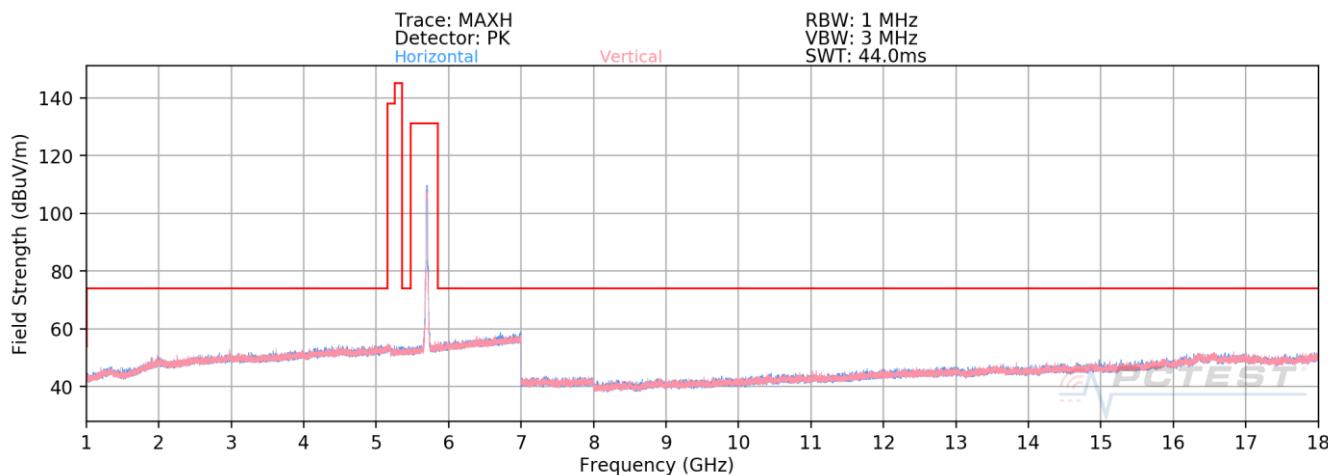
|  |  |                                       |                 |                                 |
|--|--|---------------------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) |                 | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device            | Page 226 of 344 |                                 |



**Plot 7-337. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 2C Ch. 100)**

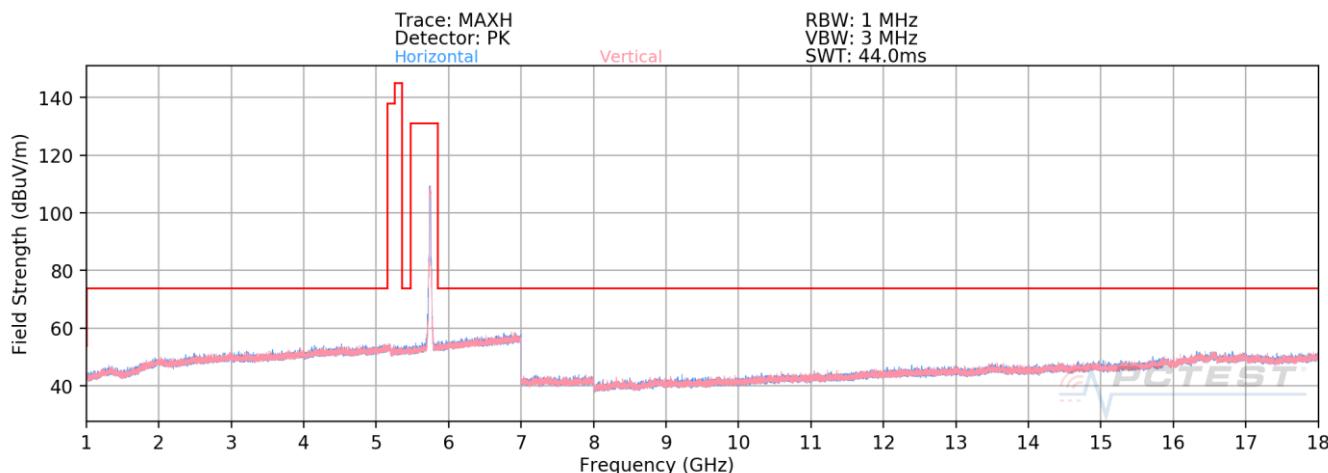


**Plot 7-338. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 2C Ch. 116)**

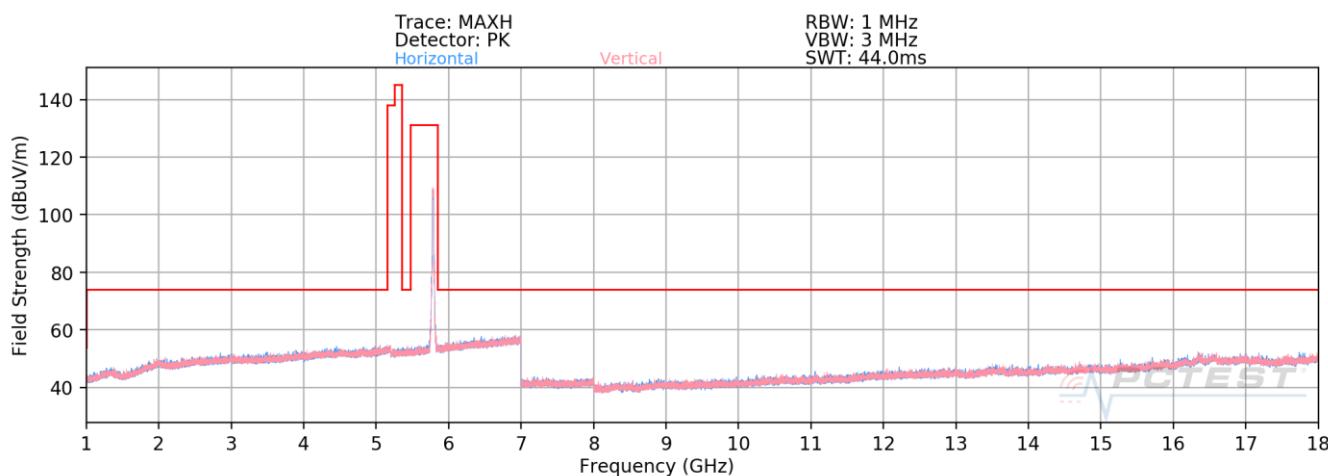


**Plot 7-339. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 2C Ch. 144)**

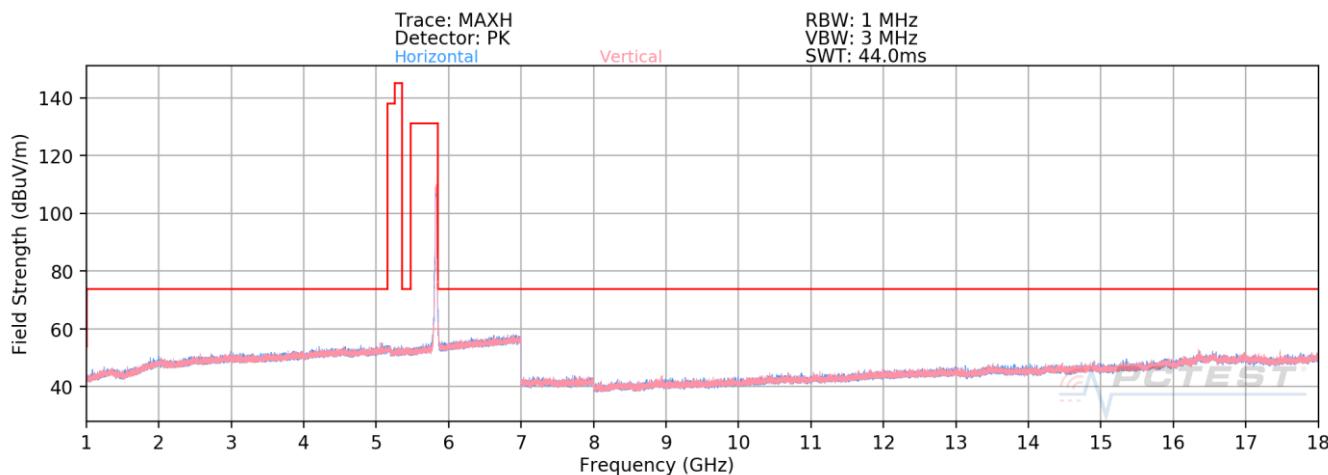
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 227 of 344                       |                                 |



**Plot 7-340. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 3 Ch. 149)**



**Plot 7-341. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 3 Ch. 157)**



**Plot 7-342. Radiated Spurious Emissions above 1GHz Antenna 1b (802.11n – UNII 3 Ch. 165)**

|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| 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>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 228 of 344                       |                                 |

## Antenna 1b Radiated Spurious Emission

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00        | Peak     | H               | -                   | -                          | -69.15               | 12.62       | 50.47                         | 68.20                | -17.73      |
| * 15540.00      | Average  | H               | -                   | -                          | -82.12               | 18.27       | 43.15                         | 53.98                | -10.83      |
| * 15540.00      | Peak     | H               | -                   | -                          | -70.87               | 18.27       | 54.40                         | 73.98                | -19.58      |

**Table 7-82. Radiated Measurements Antenna 1b**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5200MHz  |
| Channel:                  | 40       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00        | Peak     | H               | -                   | -                          | -69.71               | 13.01       | 50.30                         | 68.20                | -17.90      |
| * 15600.00      | Average  | H               | -                   | -                          | -81.78               | 19.04       | 44.26                         | 53.98                | -9.72       |
| * 15600.00      | Peak     | H               | -                   | -                          | -70.92               | 19.04       | 55.12                         | 73.98                | -18.86      |

**Table 7-83. Radiated Measurements Antenna 1b**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5240MHz  
 Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10480.00        | Peak     | H               | -                   | -                          | -69.75               | 12.58       | 49.83                   | 68.20          | -18.37      |
| * 15720.00      | Average  | H               | -                   | -                          | -82.76               | 20.38       | 44.62                   | 53.98          | -9.36       |
| * 15720.00      | Peak     | H               | -                   | -                          | -71.69               | 20.38       | 55.69                   | 73.98          | -18.29      |

**Table 7-84. Radiated Measurements Antenna 1b**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5260MHz  
 Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10520.00        | Peak     | H               | -                   | -                          | -69.16               | 12.46       | 50.30                   | 68.20          | -17.90      |
| * 15780.00      | Average  | H               | -                   | -                          | -82.38               | 19.59       | 44.21                   | 53.98          | -9.77       |
| * 15780.00      | Peak     | H               | -                   | -                          | -70.73               | 19.59       | 55.86                   | 73.98          | -18.12      |

**Table 7-85. Radiated Measurements Antenna 1b**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5280MHz  
 Channel: 56

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00        | Peak     | H               | -                   | -                          | -69.41               | 12.33       | 49.92                         | 68.20                | -18.28      |
| * 15840.00      | Average  | H               | -                   | -                          | -82.06               | 18.89       | 43.83                         | 53.98                | -10.15      |
| * 15840.00      | Peak     | H               | -                   | -                          | -70.69               | 18.89       | 55.20                         | 73.98                | -18.78      |

**Table 7-86. Radiated Measurements Antenna 1b**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 10640.00      | Average  | H               | -                   | -                          | -81.87               | 12.87       | 38.00                         | 53.98                | -15.98      |
| * 10640.00      | Peak     | H               | -                   | -                          | -71.67               | 12.87       | 48.20                         | 73.98                | -25.78      |
| * 15960.00      | Average  | H               | -                   | -                          | -84.34               | 19.04       | 41.70                         | 53.98                | -12.28      |
| * 15960.00      | Peak     | H               | -                   | -                          | -72.98               | 19.04       | 53.06                         | 73.98                | -20.92      |

**Table 7-87. Radiated Measurements Antenna 1b**

|  |  |                            |  |                                    |                                 |
|--|--|----------------------------|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                    |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11000.00      | Average  | H               | -                   | -                          | -80.80               | 13.31       | 39.51                         | 53.98                | -14.47      |
| * 11000.00      | Peak     | H               | -                   | -                          | -69.28               | 13.31       | 51.03                         | 73.98                | -22.95      |
| 16500.00        | Peak     | H               | -                   | -                          | -70.75               | 19.79       | 56.04                         | 68.20                | -12.16      |

**Table 7-88. Radiated Measurements Antenna 1b**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580Hz  
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11160.00      | Average  | H               | -                   | -                          | -80.70               | 13.17       | 39.47                         | 53.98                | -14.51      |
| * 11160.00      | Peak     | H               | -                   | -                          | -69.47               | 13.17       | 50.70                         | 73.98                | -23.28      |
| 16740.00        | Peak     | H               | -                   | -                          | -70.68               | 19.83       | 56.15                         | 68.20                | -12.05      |

**Table 7-89. Radiated Measurements Antenna 1b**

|  |  |                                    |  |  |  |                                 |
|--|--|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device         |  |  |  |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5720     |
| Channel:                  | 144      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |        |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|--------|
| *               | 11440.00 | Average         | H                   | -                          | -                    | -80.53      | 13.81                         | 40.28                | 53.98       | -13.70 |
| *               | 11440.00 | Peak            | H                   | -                          | -                    | -69.86      | 13.81                         | 50.95                | 73.98       | -23.03 |
|                 | 17160.00 | Peak            | H                   | -                          | -                    | -70.68      | 19.96                         | 56.28                | 68.20       | -11.92 |

**Table 7-90. Radiated Measurements Antenna 1b**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5745MHz  |
| Channel:                  | 149      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |        |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|--------|
| *               | 11490.00 | Average         | H                   | -                          | -                    | -85.42      | 14.03                         | 35.61                | 53.98       | -18.37 |
| *               | 11490.00 | Peak            | H                   | -                          | -                    | -73.95      | 14.03                         | 47.08                | 73.98       | -26.90 |
|                 | 17235.00 | Peak            | H                   | -                          | -                    | -73.50      | 20.11                         | 53.61                | 68.20       | -14.59 |

**Table 7-91. Radiated Measurements Antenna 1b**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5785MHz  |
| Channel:                  | 157      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11570.00      | Average  | H               | -                   | -                          | -84.87               | 14.21       | 36.34                         | 53.98                | -17.64      |
| * 11570.00      | Peak     | H               | -                   | -                          | -73.35               | 14.21       | 47.86                         | 73.98                | -26.12      |
| 17355.00        | Peak     | H               | -                   | -                          | -73.60               | 19.86       | 53.26                         | 68.20                | -14.94      |

**Table 7-92. Radiated Measurements Antenna 1b**

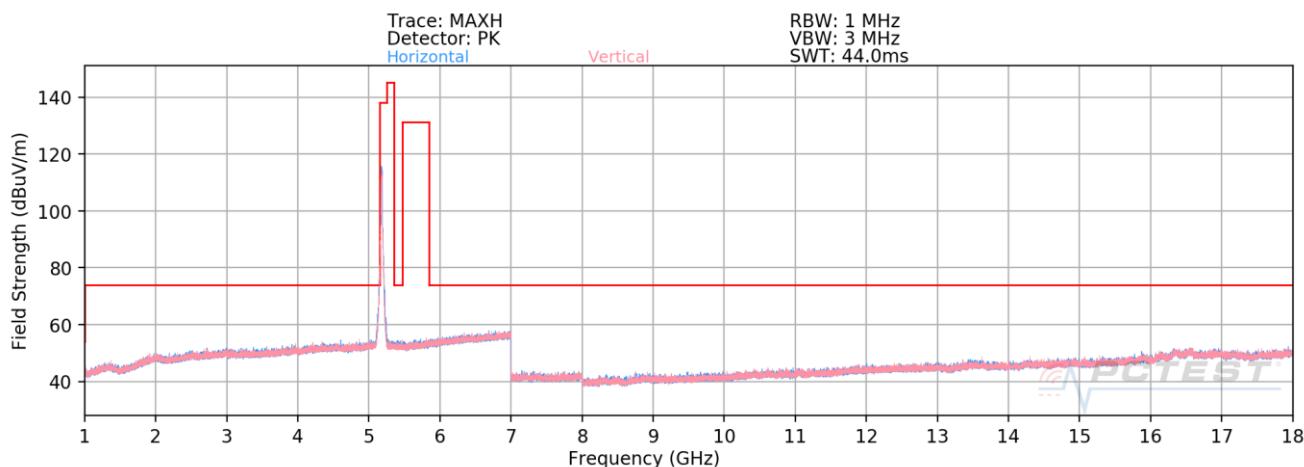
|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS7     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5825MHz  |
| Channel:                  | 165      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11650.00      | Average  | H               | -                   | -                          | -84.46               | 14.25       | 36.79                         | 53.98                | -17.19      |
| * 11650.00      | Peak     | H               | -                   | -                          | -73.82               | 14.25       | 47.43                         | 73.98                | -26.55      |
| 17475.00        | Peak     | H               | -                   | -                          | -73.40               | 20.58       | 54.18                         | 68.20                | -14.02      |

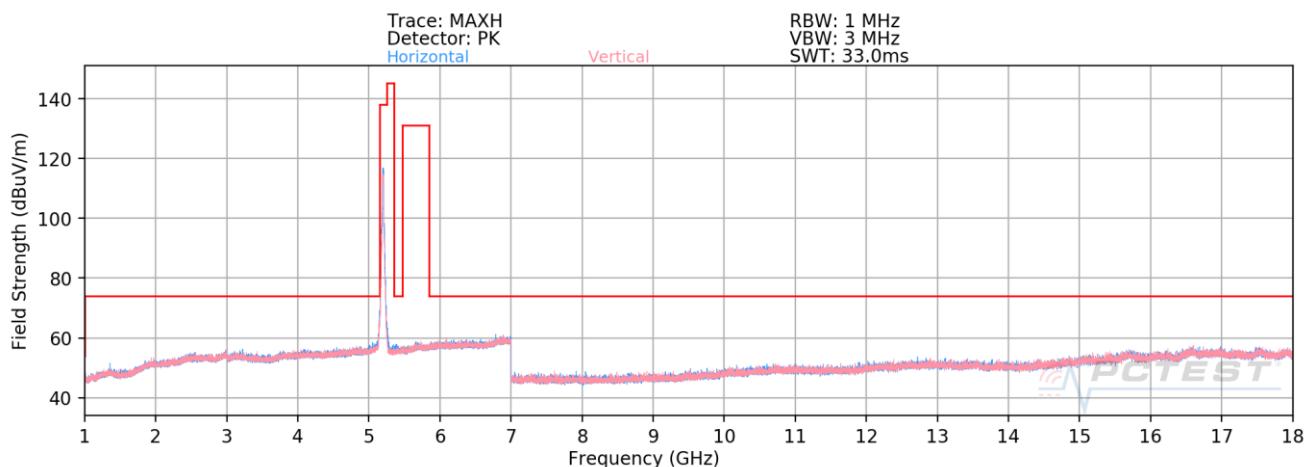
**Table 7-93. Radiated Measurements Antenna 1b**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

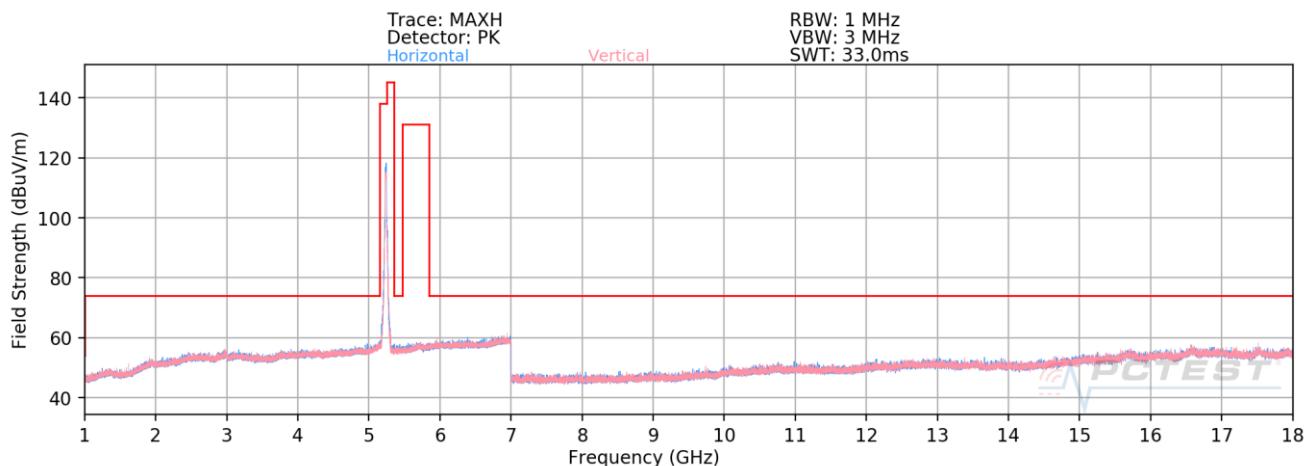
### 7.6.3 CDD/SDM Primary Radiated Spurious Emission



**Plot 7-343. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 1 Ch. 36)**

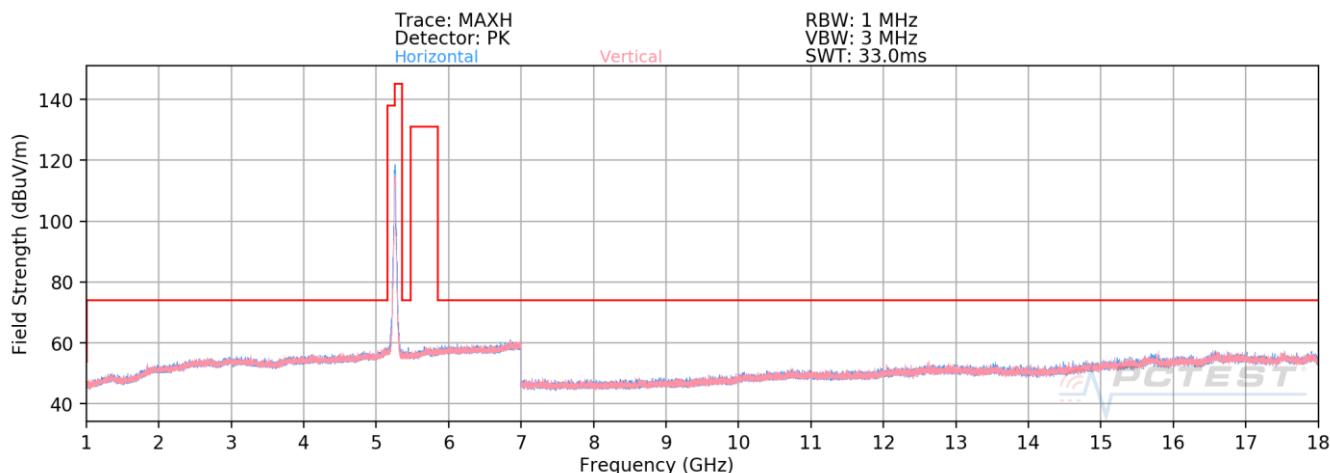


**Plot 7-344. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 1 Ch. 40)**

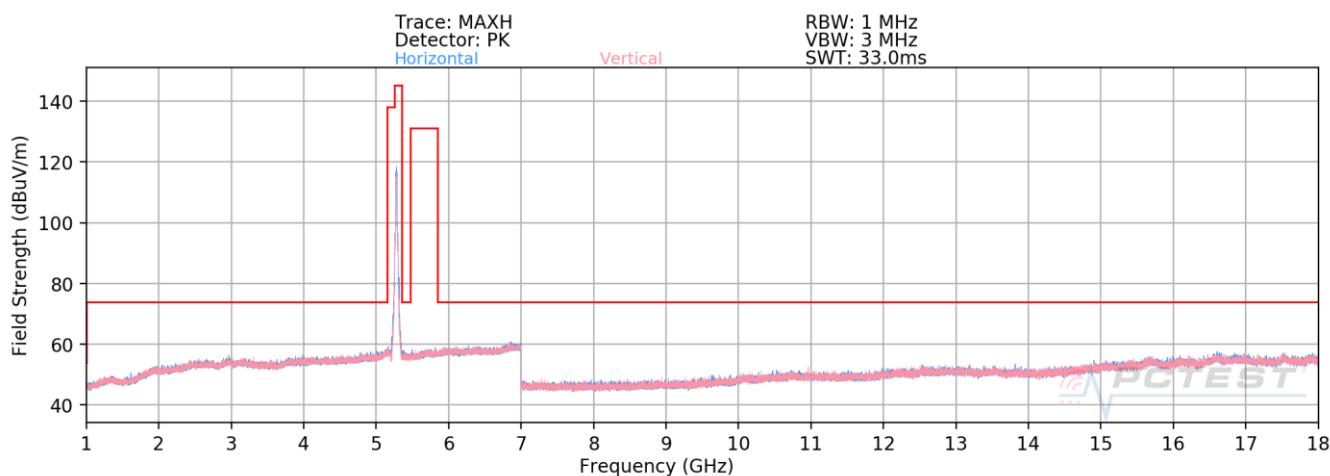


**Plot 7-345. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 1 Ch. 48)**

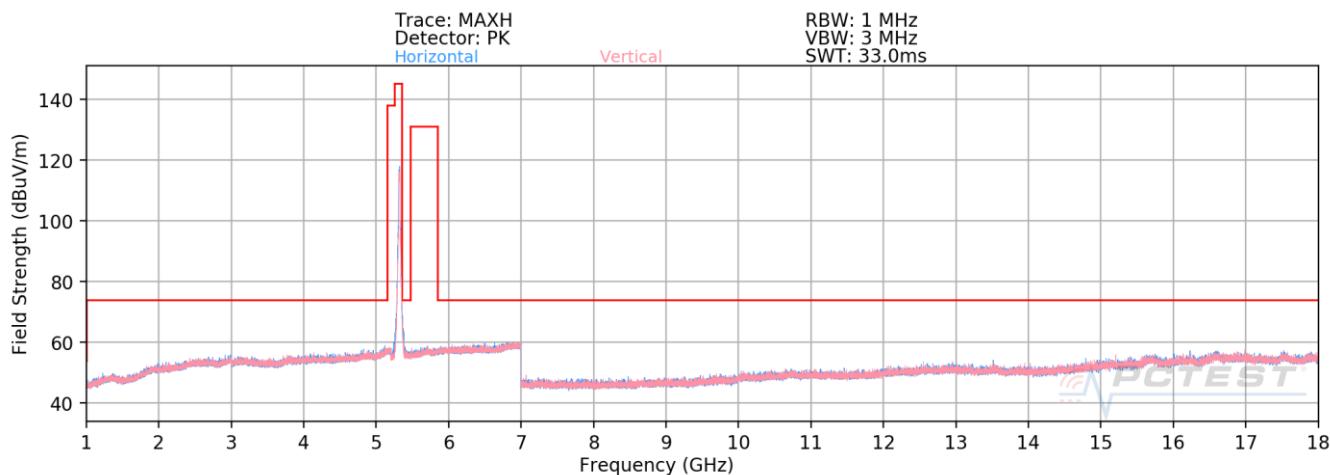
|  |   |                            |                                       |                                 |
|--|---|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST®<br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device | Page 235 of 344                       |                                 |



**Plot 7-346. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 2A Ch. 52)**

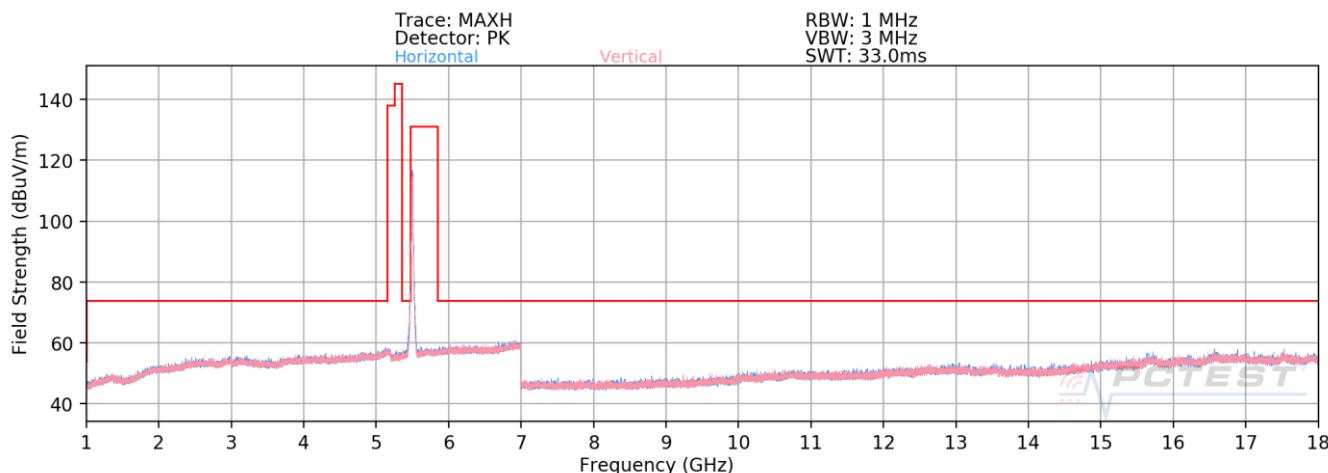


**Plot 7-347. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 2A Ch. 56)**

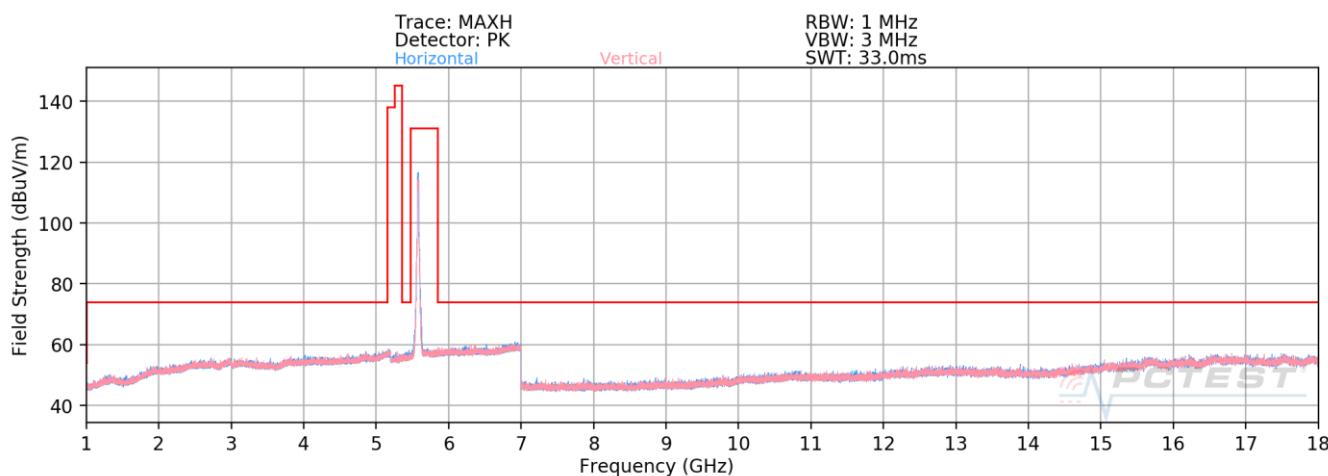


**Plot 7-348. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 2A Ch. 64)**

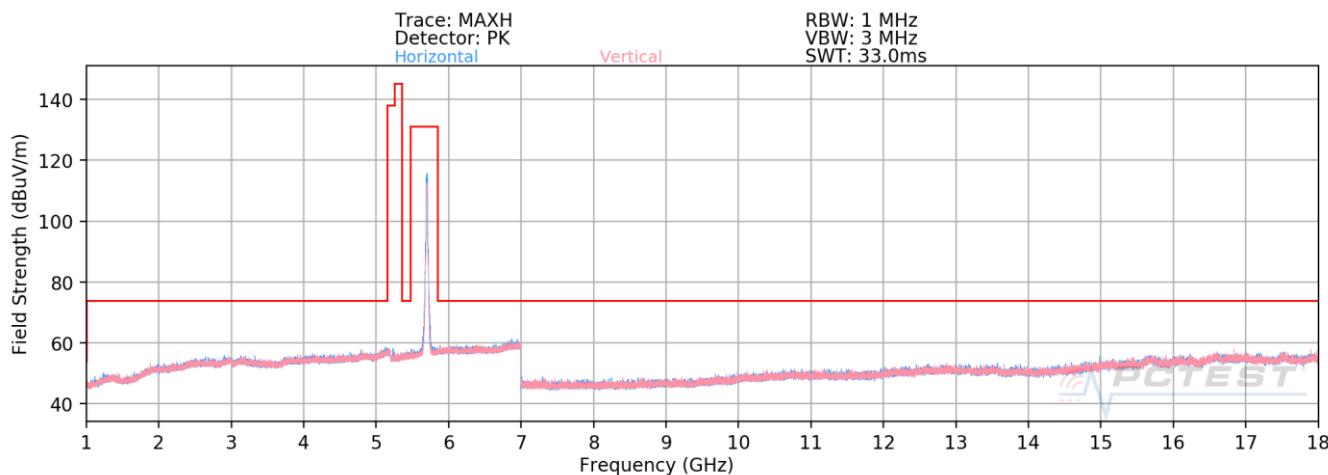
|  |  |                                       |                 |                                 |
|--|--|---------------------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) |                 | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device            | Page 236 of 344 |                                 |



**Plot 7-349. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 2C Ch. 100)**

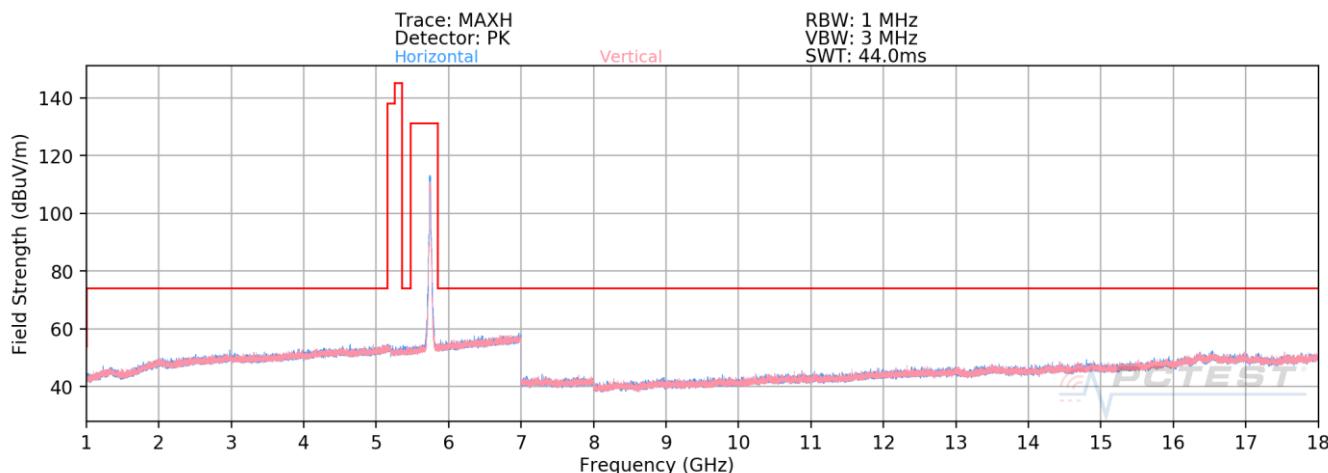


**Plot 7-350. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 2C Ch. 116)**

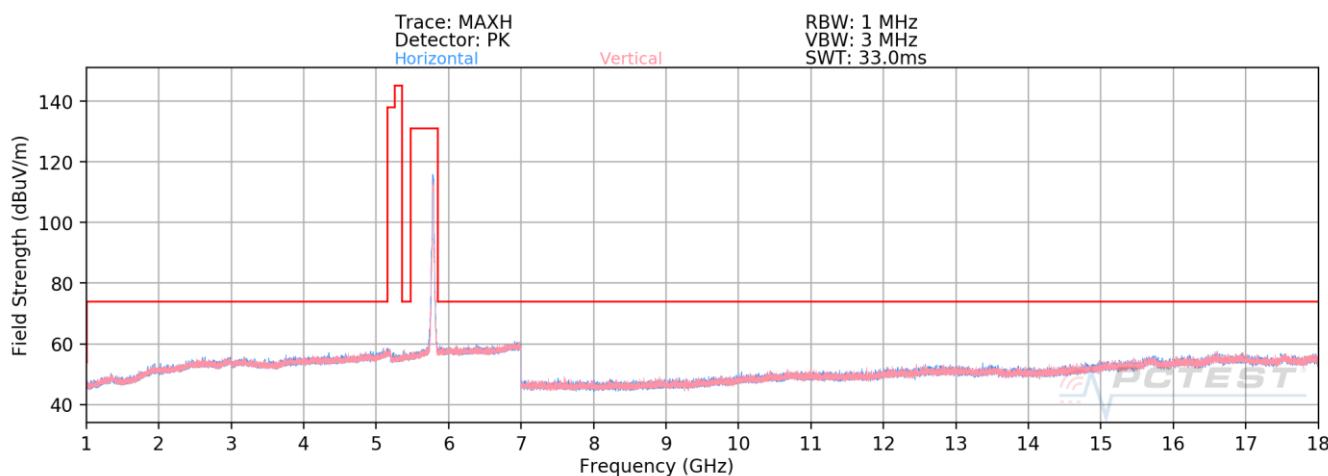


**Plot 7-351. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 2C Ch. 144)**

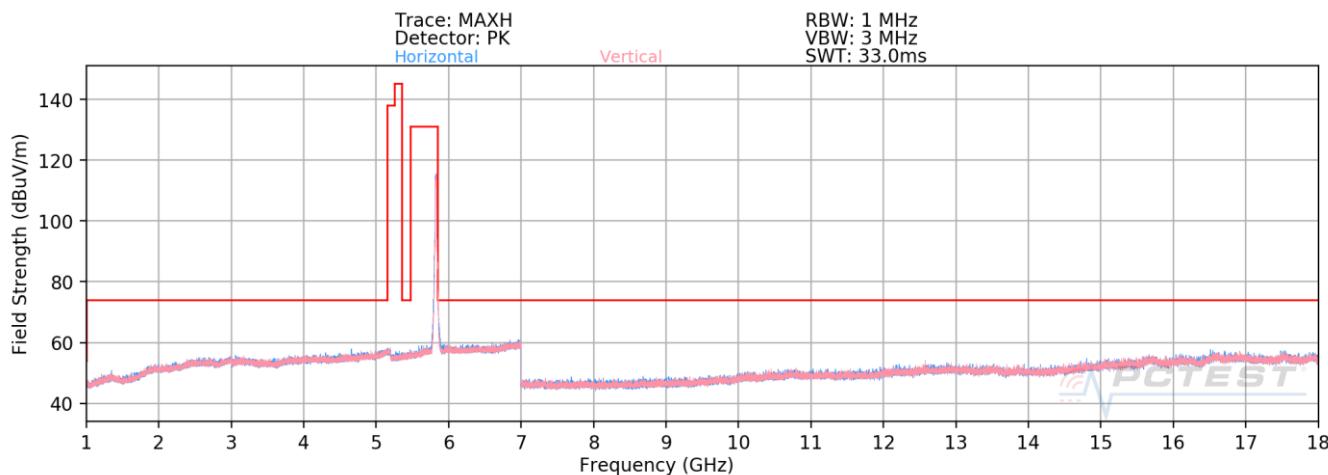
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 237 of 344                       |                                 |



**Plot 7-352. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 3 Ch. 149)**



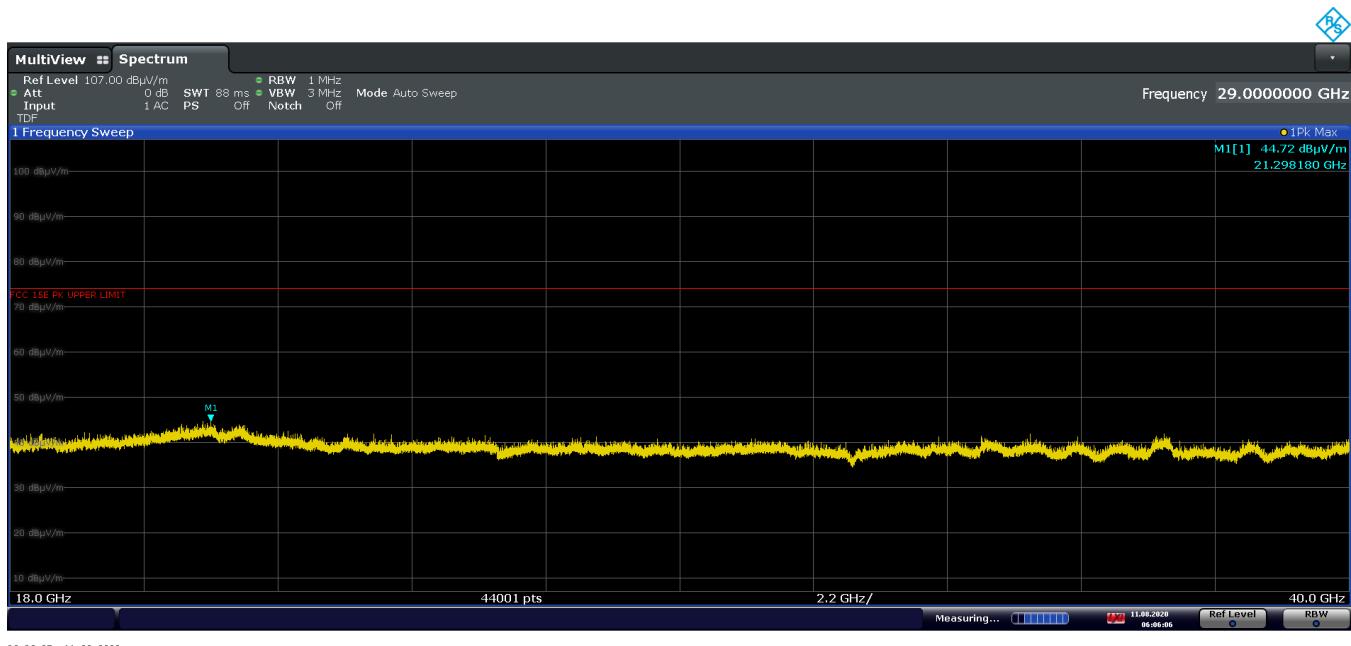
**Plot 7-353. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 3 Ch. 157)**



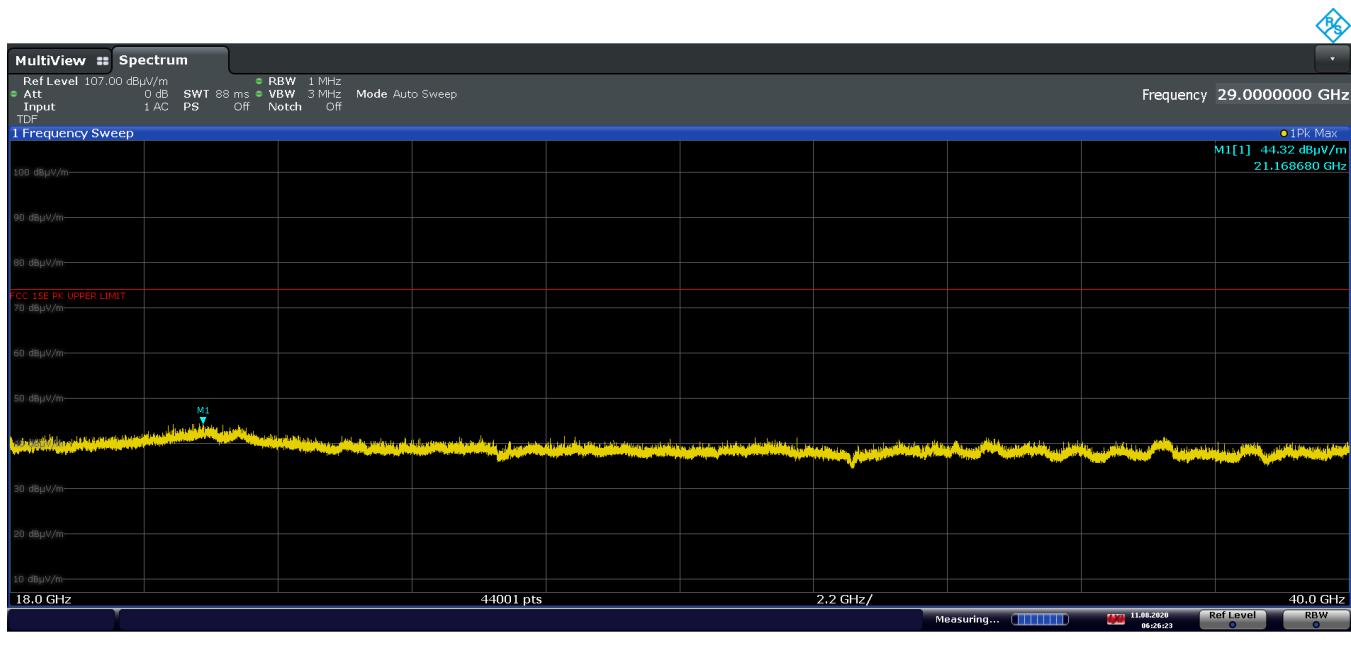
**Plot 7-354. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – UNII 3 Ch. 165)**

|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| 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>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 238 of 344                       |                                 |

## CDD/SDM Primary Radiated Spurious Emissions (Above 18GHz)



**Plot 7-355. Radiated Spurious Emissions 18GHz - 40GHz CDD Primary (802.11n – Ch.36, Pol. H)**



**Plot 7-356. Radiated Spurious Emissions 18GHz - 40GHz CDD Primary (802.11n – Ch.36, Pol. V)**

|  |   |                            |                                       |                                 |
|--|---|----------------------------|---------------------------------------|---------------------------------|
| 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>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device | Page 239 of 344                       |                                 |

**CDD/SDM Primary Radiated Spurious Emission**
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00        | Peak     | H               | -                   | -                          | -72.87               | 12.62       | 46.75                         | 68.20                | -21.45      |
| * 15540.00      | Average  | H               | -                   | -                          | -83.31               | 18.27       | 41.96                         | 53.98                | -12.02      |
| * 15540.00      | Peak     | H               | -                   | -                          | -73.38               | 18.27       | 51.89                         | 73.98                | -22.09      |

**Table 7-94. Radiated Measurements CDD Primary**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5200MHz  |
| Channel:                  | 40       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | sass  | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------|----------------------|-------------|
| 10400.00        | Peak     | H               | -                   | -                          | -71.37               | 13.01       | 48.64 | 68.20                | -19.56      |
| * 15600.00      | Average  | H               | -                   | -                          | -82.21               | 19.04       | 43.83 | 53.98                | -10.15      |
| * 15600.00      | Peak     | H               | -                   | -                          | -73.67               | 19.04       | 52.37 | 73.98                | -21.61      |

**Table 7-95. Radiated Measurements CDD Primary**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5240MHz  
 Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00        | Peak     | H               | -                   | -                          | -71.58               | 12.58       | 48.00                         | 68.20                | -20.20      |
| * 15720.00      | Average  | H               | -                   | -                          | -83.72               | 20.38       | 43.66                         | 53.98                | -10.32      |
| * 15720.00      | Peak     | H               | -                   | -                          | -74.01               | 20.38       | 53.37                         | 73.98                | -20.61      |

**Table 7-96. Radiated Measurements CDD Primary**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5260MHz  
 Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00        | Peak     | H               | -                   | -                          | -69.45               | 12.46       | 50.01                         | 68.20                | -18.19      |
| * 15780.00      | Average  | H               | -                   | -                          | -83.46               | 19.59       | 43.13                         | 53.98                | -10.85      |
| * 15780.00      | Peak     | H               | -                   | -                          | -71.84               | 19.59       | 54.75                         | 73.98                | -19.23      |

**Table 7-97. Radiated Measurements CDD Primary**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5280MHz  
 Channel: 56

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00        | Peak     | H               | -                   | -                          | -70.15               | 12.33       | 49.18                         | 68.20                | -19.02      |
| * 15840.00      | Average  | H               | -                   | -                          | -83.43               | 18.89       | 42.46                         | 53.98                | -11.52      |
| * 15840.00      | Peak     | H               | -                   | -                          | -73.05               | 18.89       | 52.84                         | 73.98                | -21.14      |

**Table 7-98. Radiated Measurements CDD Primary**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 10640.00      | Average  | H               | -                   | -                          | -82.03               | 12.87       | 37.84                         | 53.98                | -16.14      |
| * 10640.00      | Peak     | H               | -                   | -                          | -71.87               | 12.87       | 48.00                         | 73.98                | -25.98      |
| * 15960.00      | Average  | H               | -                   | -                          | -83.96               | 19.04       | 42.08                         | 53.98                | -11.90      |
| * 15960.00      | Peak     | H               | -                   | -                          | -73.48               | 19.04       | 52.56                         | 73.98                | -21.42      |

**Table 7-99. Radiated Measurements CDD Primary**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11000.00      | Average  | H               | -                   | -                          | -82.09               | 13.31       | 38.22                         | 53.98                | -15.76      |
| * 11000.00      | Peak     | H               | -                   | -                          | -71.68               | 13.31       | 48.63                         | 73.98                | -25.35      |
| 16500.00        | Peak     | H               | -                   | -                          | -71.32               | 19.79       | 55.47                         | 68.20                | -12.73      |

**Table 7-100. Radiated Measurements CDD Primary**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580MHz  
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11160.00      | Average  | H               | -                   | -                          | -82.26               | 13.17       | 37.91                         | 53.98                | -16.07      |
| * 11160.00      | Peak     | H               | -                   | -                          | -71.39               | 13.17       | 48.78                         | 73.98                | -25.20      |
| 16740.00        | Peak     | H               | -                   | -                          | -71.78               | 19.83       | 55.05                         | 68.20                | -13.15      |

**Table 7-101. Radiated Measurements CDD Primary**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5720MHz  |
| Channel:                  | 144      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11440.00      | Average  | H               | -                   | -                          | -82.94               | 13.81       | 37.87                         | 53.98                | -16.11      |
| * 11440.00      | Peak     | H               | -                   | -                          | -71.47               | 13.81       | 49.34                         | 73.98                | -24.64      |
| 17160.00        | Peak     | H               | -                   | -                          | -73.55               | 19.96       | 53.41                         | 68.20                | -14.79      |

**Table 7-102. Radiated Measurements CDD Primary**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5745MHz  |
| Channel:                  | 149      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11490.00      | Average  | H               | -                   | -                          | -82.71               | 14.03       | 38.32                         | 53.98                | -15.66      |
| * 11490.00      | Peak     | H               | -                   | -                          | -72.36               | 14.03       | 48.67                         | 73.98                | -25.31      |
| 17235.00        | Peak     | H               | -                   | -                          | -73.11               | 20.11       | 54.00                         | 68.20                | -14.20      |

**Table 7-103. Radiated Measurements CDD Primary**

|  |  |                                       |  |  |  |                                 |
|--|--|---------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> | MEASUREMENT REPORT<br>(CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device            |  |  |  |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5785MHz  |
| Channel:                  | 157      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11570.00      | Average  | H               | -                   | -                          | -83.04               | 14.21       | 38.17                         | 53.98                | -15.81      |
| * 11570.00      | Peak     | H               | -                   | -                          | -73.38               | 14.21       | 47.83                         | 73.98                | -26.15      |
| 17355.00        | Peak     | H               | -                   | -                          | -73.49               | 19.86       | 53.37                         | 68.20                | -14.83      |

**Table 7-104. Radiated Measurements CDD Primary**

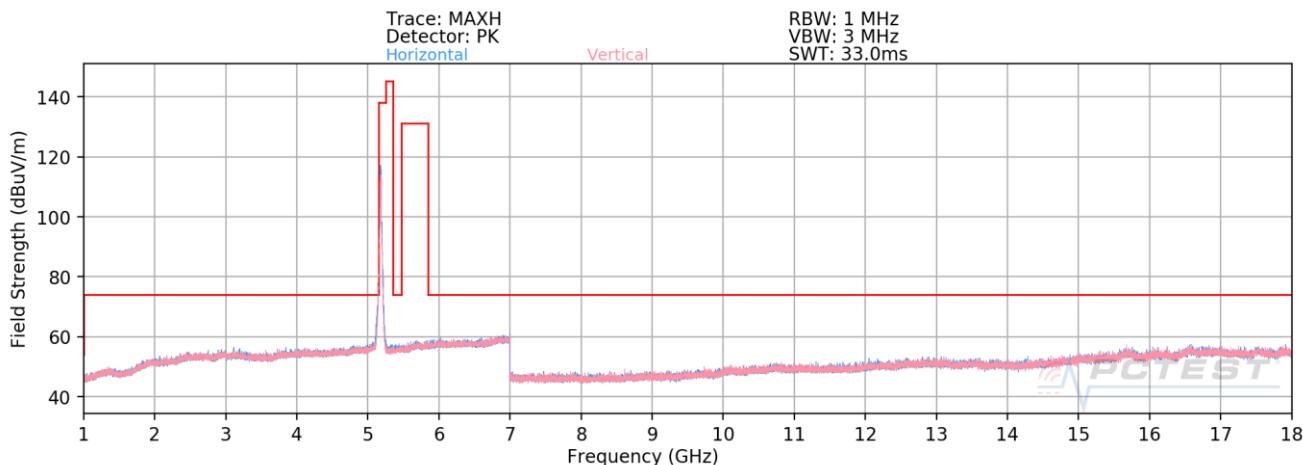
|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5825MHz  |
| Channel:                  | 165      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11650.00      | Average  | H               | -                   | -                          | -83.10               | 14.25       | 38.15                         | 53.98                | -15.83      |
| * 11650.00      | Peak     | H               | -                   | -                          | -72.53               | 14.25       | 48.72                         | 73.98                | -25.26      |
| 17475.00        | Peak     | H               | -                   | -                          | -73.74               | 20.58       | 53.84                         | 68.20                | -14.36      |

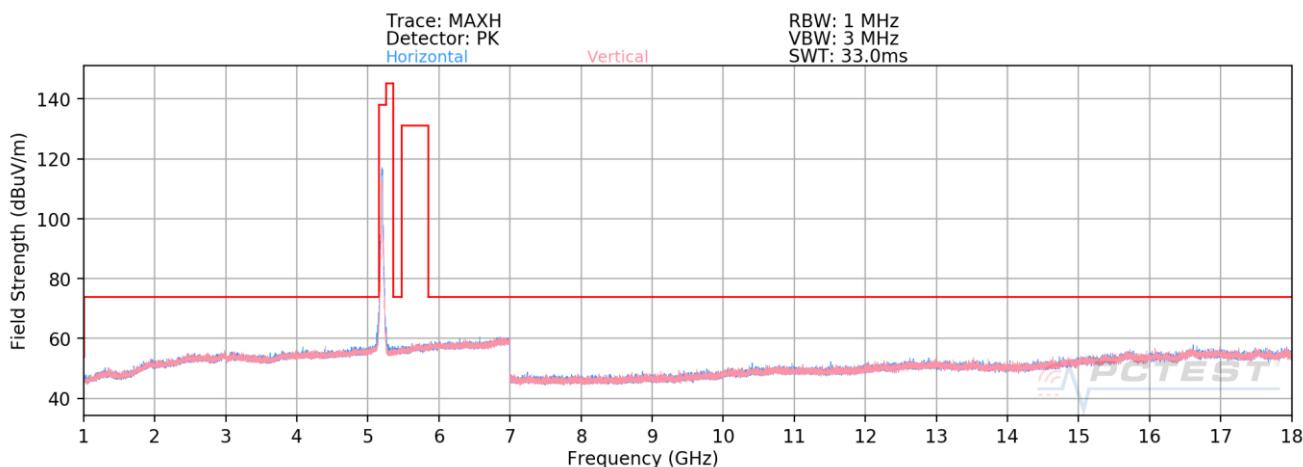
**Table 7-105. Radiated Measurements CDD Primary**

|  |   |                                       |  |  |  |                                 |
|--|---|---------------------------------------|--|--|--|---------------------------------|
| 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>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device            |  |  |  |                                 |

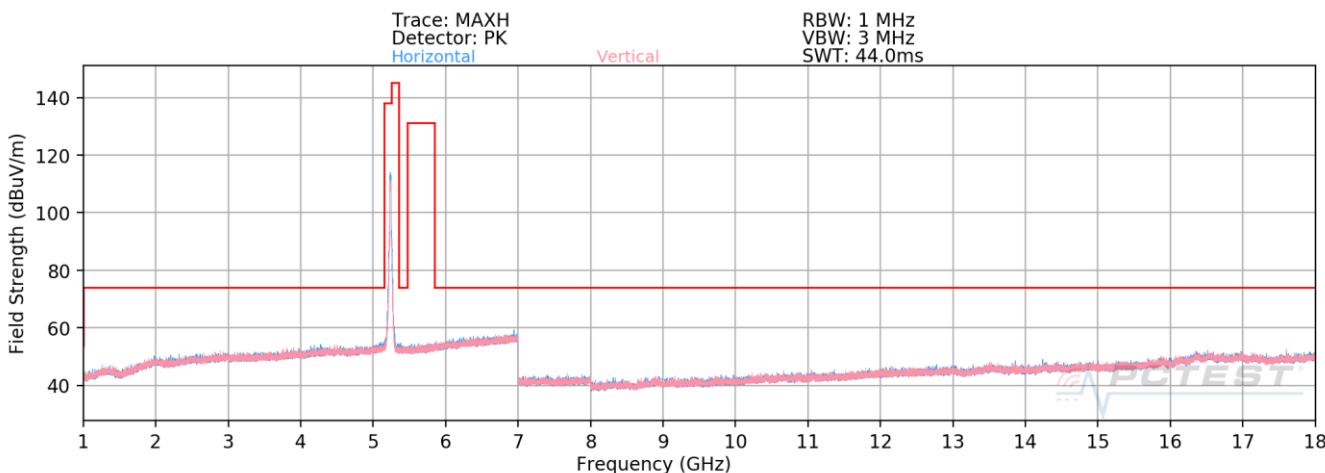
### 7.6.3 CDD/SDM Diversity Radiated Spurious Emission



Plot 7-357. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 1 Ch. 36)

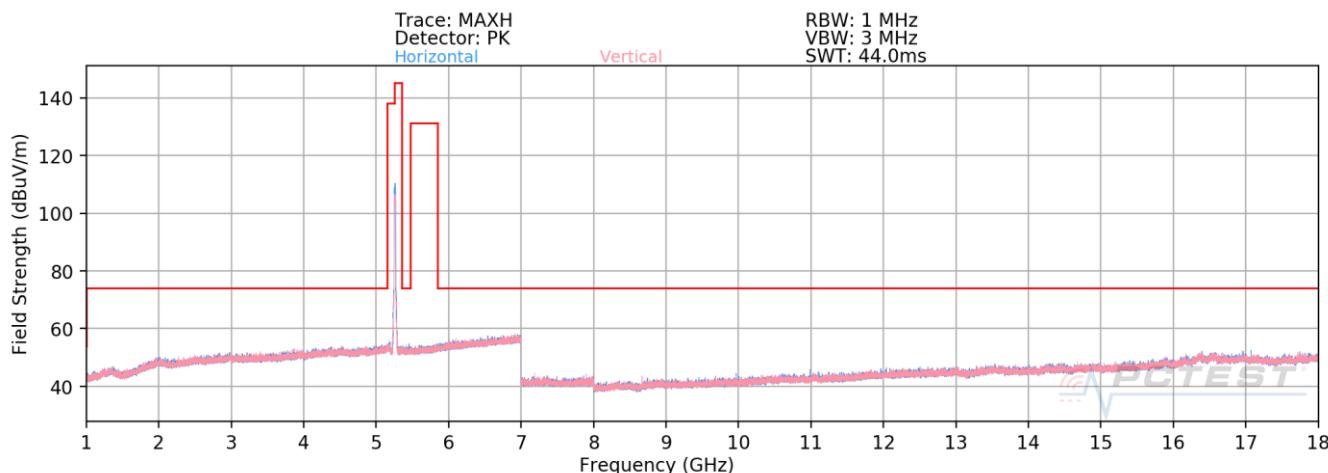


Plot 7-358. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 1 Ch. 40)

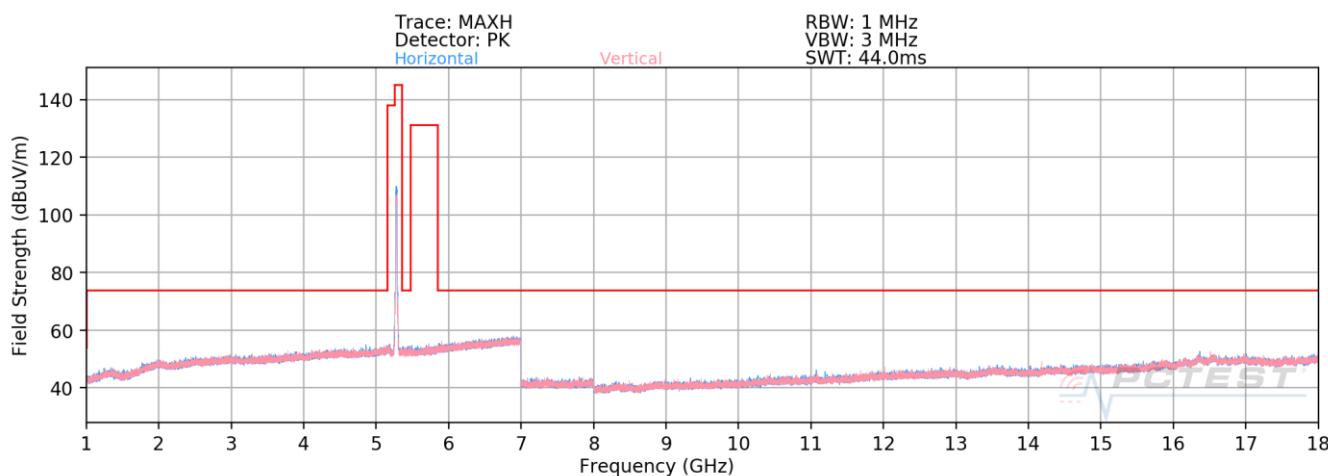


Plot 7-359. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 1 Ch. 48)

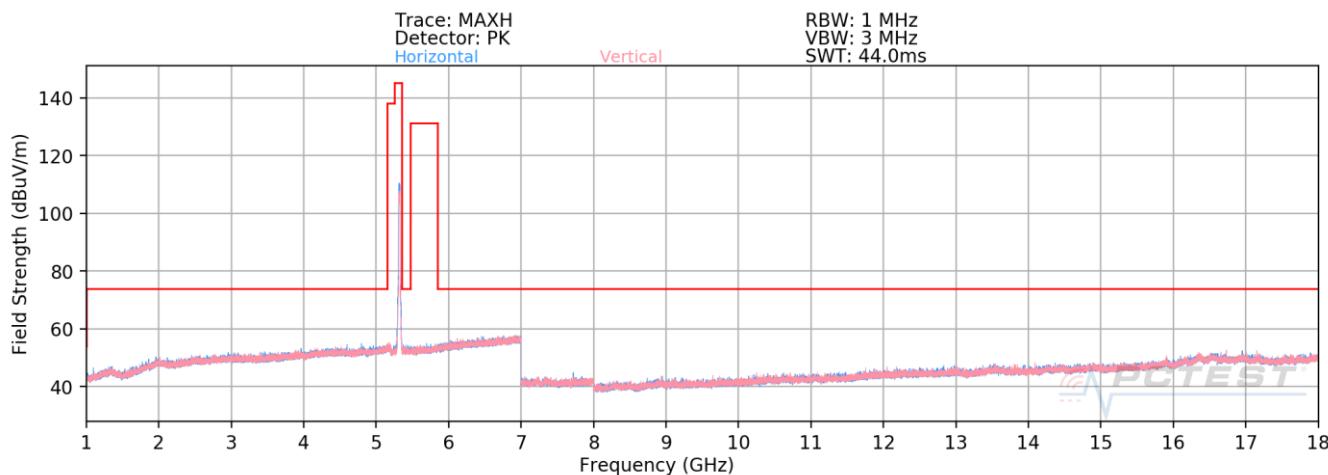
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <b>PCTEST</b><br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 246 of 344                       |                                 |



**Plot 7-360. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 2A Ch. 52)**

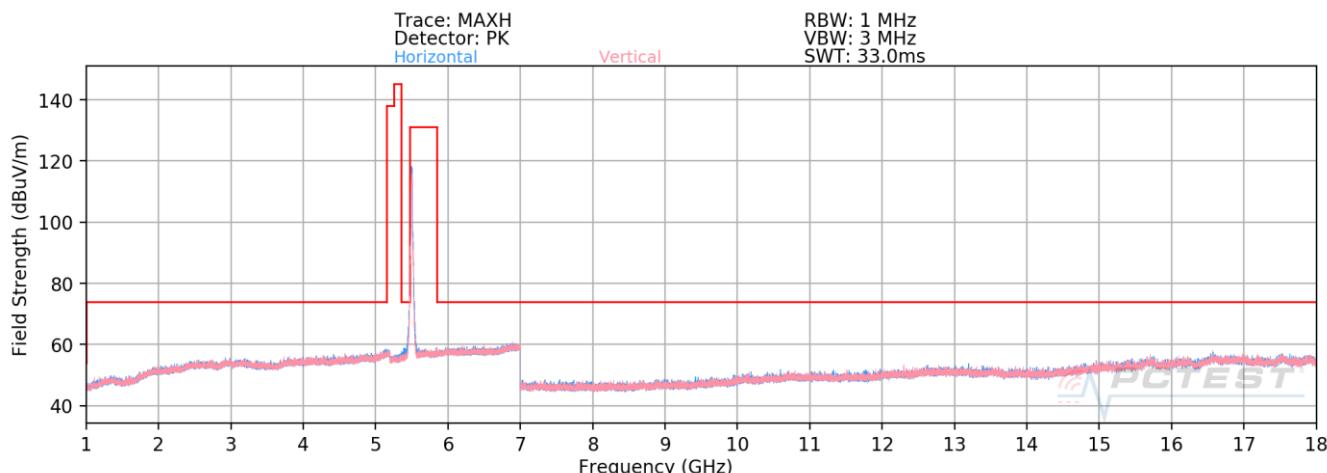


**Plot 7-361. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 2A Ch. 56)**

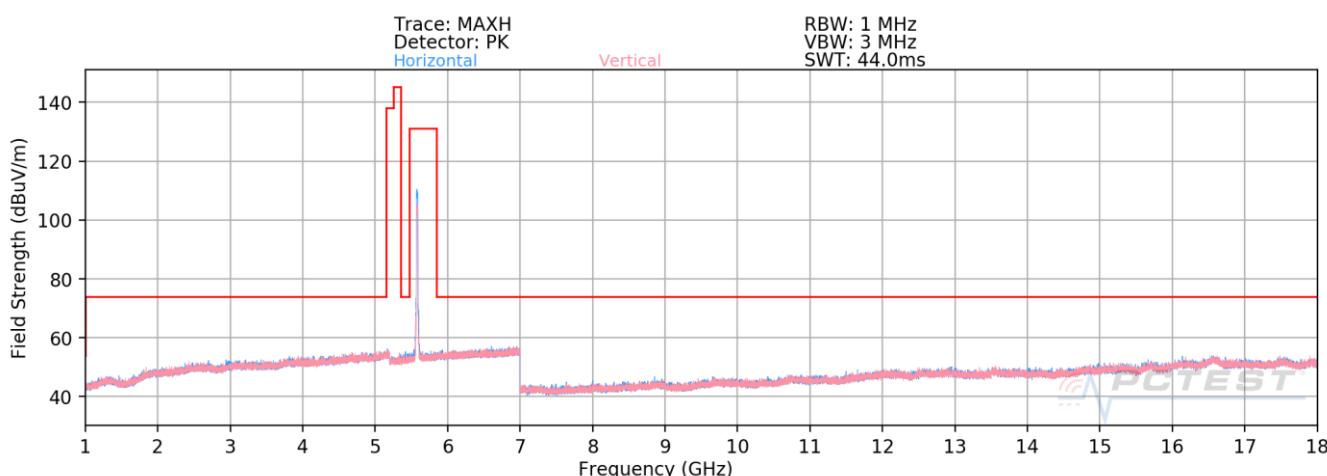


**Plot 7-362. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 2A Ch. 64)**

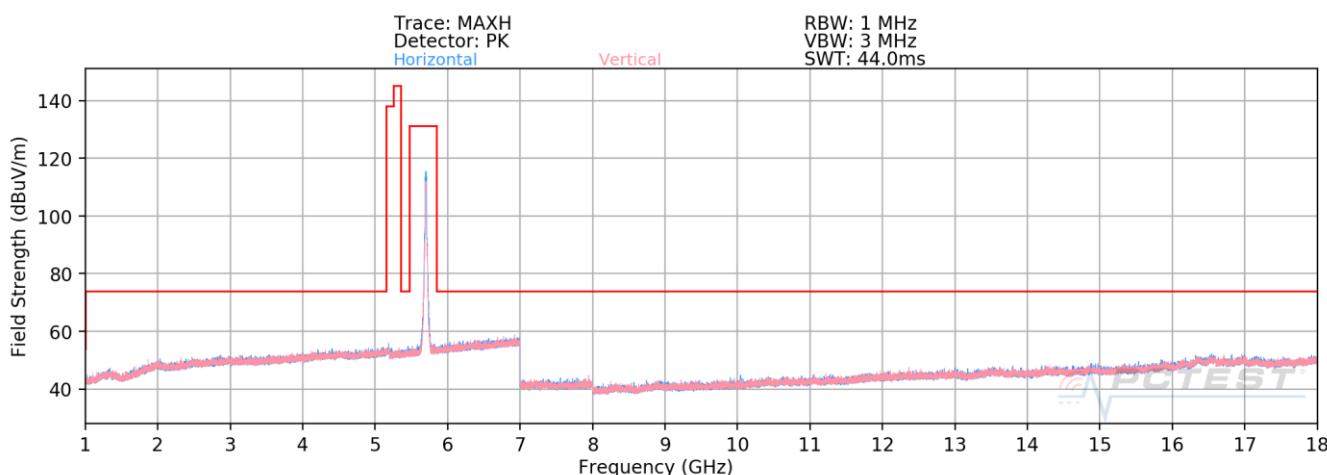
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 247 of 344                       |                                 |



**Plot 7-363. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 2C Ch. 100)**

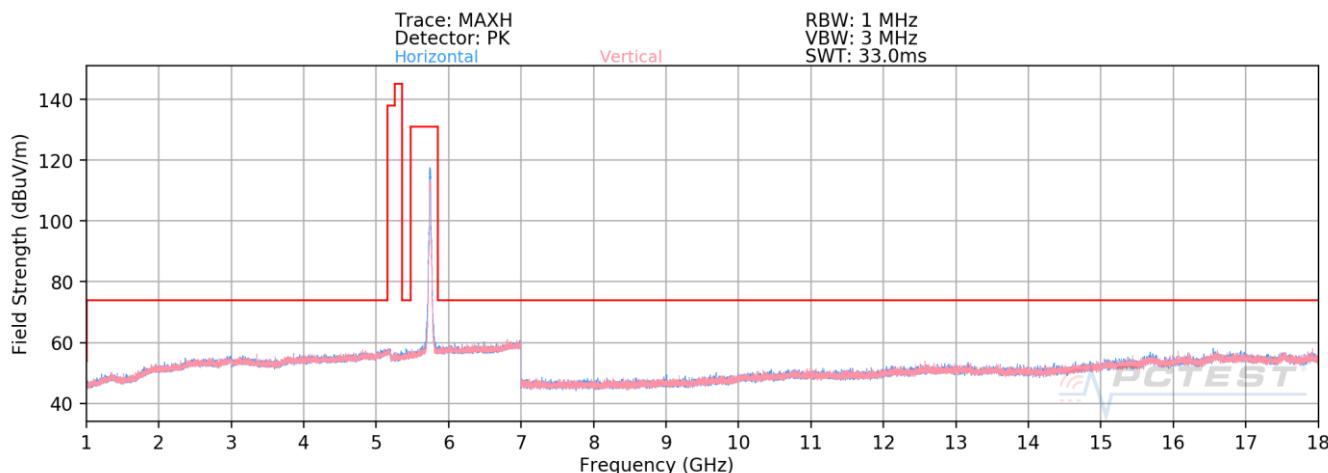


**Plot 7-364. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 2C Ch. 116)**

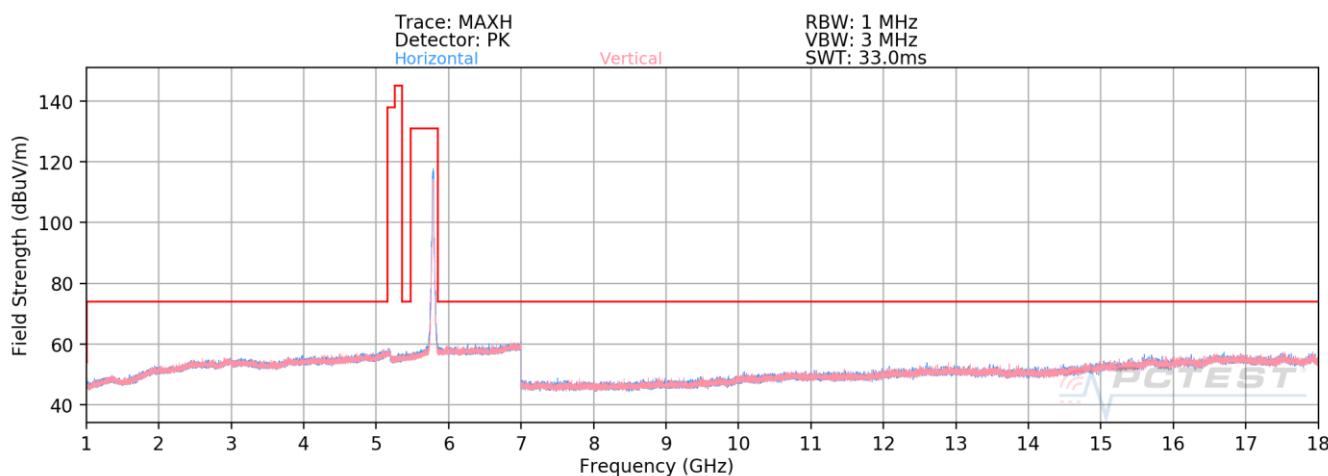


**Plot 7-365. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 2C Ch. 144)**

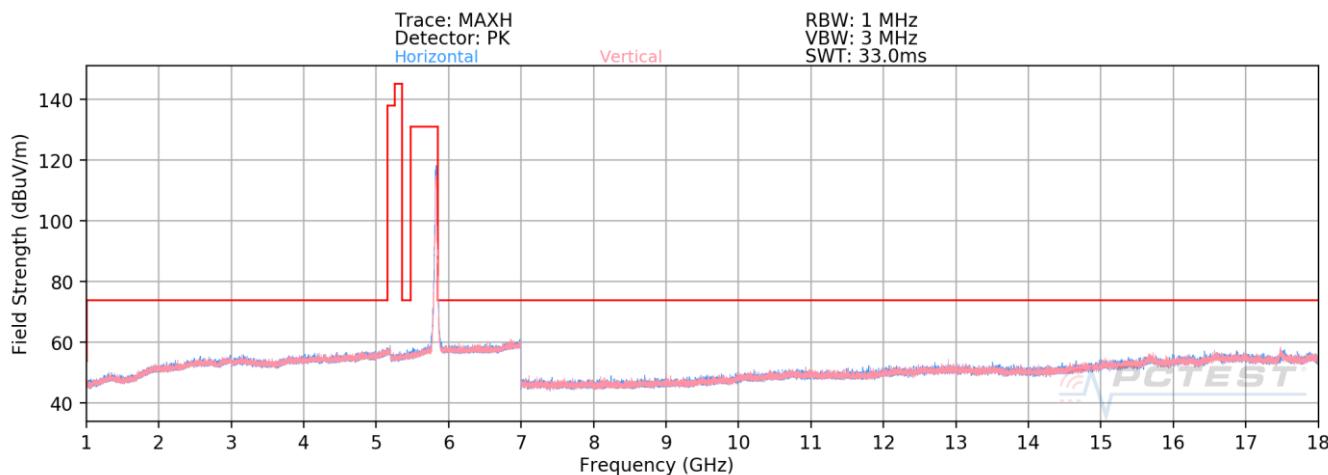
|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |                                       | Page 248 of 344                 |



**Plot 7-366. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 3 Ch. 149)**



**Plot 7-367. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 3 Ch. 157)**



**Plot 7-368. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11n – UNII 3 Ch. 165)**

|  |  |                                       |                 |                                 |
|--|--|---------------------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2324                           | <br>PCTEST<br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) |                 | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device            | Page 249 of 344 |                                 |

**CDD/SDM Diversity Radiated Spurious Emission**
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00        | Peak     | H               | -                   | -                          | -72.15               | 12.62       | 47.47                         | 68.20                | -20.73      |
| * 15540.00      | Average  | H               | 103                 | 175                        | -81.91               | 18.27       | 43.36                         | 53.98                | -10.62      |
| * 15540.00      | Peak     | H               | 103                 | 175                        | -73.13               | 18.27       | 52.14                         | 73.98                | -21.84      |

**Table 7-106. Radiated Measurements CDD Diversity**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5200MHz  |
| Channel:                  | 40       |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00        | Peak     | H               | -                   | -                          | -71.74               | 13.01       | 48.27                         | 68.20                | -19.93      |
| * 15600.00      | Average  | H               | -                   | -                          | -82.41               | 19.04       | 43.63                         | 53.98                | -10.35      |
| * 15600.00      | Peak     | H               | -                   | -                          | -72.45               | 19.04       | 53.59                         | 73.98                | -20.39      |

**Table 7-107. Radiated Measurements CDD Diversity**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5240MHz  
 Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00        | Peak     | H               | -                   | -                          | -70.90               | 12.58       | 48.68                         | 68.20                | -19.52      |
| * 15720.00      | Average  | H               | 168                 | 271                        | -83.08               | 20.38       | 44.30                         | 53.98                | -9.68       |
| * 15720.00      | Peak     | H               | 168                 | 271                        | -73.46               | 20.38       | 53.92                         | 73.98                | -20.06      |

**Table 7-108. Radiated Measurements CDD Diversity**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5260MHz  
 Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00        | Peak     | H               | -                   | -                          | -72.83               | 12.46       | 46.63                         | 68.20                | -21.57      |
| * 15780.00      | Average  | H               | -                   | -                          | -86.11               | 19.59       | 40.48                         | 53.98                | -13.50      |
| * 15780.00      | Peak     | H               | -                   | -                          | -74.39               | 19.59       | 52.20                         | 73.98                | -21.78      |

**Table 7-109. Radiated Measurements CDD Diversity**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5280MHz  
 Channel: 56

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00        | Peak     | H               | -                   | -                          | -73.33               | 12.33       | 46.00                         | 68.20                | -22.20      |
| * 15840.00      | Average  | H               | -                   | -                          | -85.93               | 18.89       | 39.96                         | 53.98                | -14.02      |
| * 15840.00      | Peak     | H               | -                   | -                          | -74.36               | 18.89       | 51.53                         | 73.98                | -22.45      |

**Table 7-110. Radiated Measurements CDD Diversity**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 10640.00      | Average  | H               | -                   | -                          | -85.25               | 12.87       | 34.62                         | 53.98                | -19.36      |
| * 10640.00      | Peak     | H               | -                   | -                          | -73.96               | 12.87       | 45.91                         | 73.98                | -28.07      |
| * 15960.00      | Average  | H               | -                   | -                          | -85.77               | 19.04       | 40.27                         | 53.98                | -13.71      |
| * 15960.00      | Peak     | H               | -                   | -                          | -74.45               | 19.04       | 51.59                         | 73.98                | -22.39      |

**Table 7-111. Radiated Measurements CDD Diversity**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11000.00      | Average  | H               | -                   | -                          | -82.23               | 13.31       | 38.08                   | 53.98          | -15.90      |
| * 11000.00      | Peak     | H               | -                   | -                          | -71.72               | 13.31       | 48.59                   | 73.98          | -25.39      |
| 16500.00        | Peak     | H               | -                   | -                          | -74.25               | 19.79       | 52.54                   | 68.20          | -15.66      |

**Table 7-112. Radiated Measurements CDD Diversity**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580MHz  
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11160.00      | Average  | H               | -                   | -                          | -80.81               | 13.17       | 39.36                   | 53.98          | -14.62      |
| * 11160.00      | Peak     | H               | -                   | -                          | -68.57               | 13.17       | 51.60                   | 73.98          | -22.38      |
| 16740.00        | Peak     | H               | -                   | -                          | -70.23               | 19.83       | 56.60                   | 68.20          | -11.60      |

**Table 7-113. Radiated Measurements CDD Diversity**

|  |  |                            |  |                                    |                                 |
|--|--|----------------------------|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                    |                                 |

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5720MHz  |
| Channel:                  | 144      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |        |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|--------|
| *               | 11440.00 | Average         | H                   | -                          | -                    | -82.42      | 13.81                   | 38.39          | 53.98       | -15.59 |
| *               | 11440.00 | Peak            | H                   | -                          | -                    | -72.36      | 13.81                   | 48.45          | 73.98       | -25.53 |
|                 | 17160.00 | Peak            | H                   | -                          | -                    | -71.16      | 19.96                   | 55.80          | 68.20       | -12.40 |

**Table 7-114. Radiated Measurements CDD Diversity**

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS15    |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5745MHz  |
| Channel:                  | 149      |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |        |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|--------|
| *               | 11490.00 | Average         | H                   | -                          | -                    | -82.40      | 14.03                   | 38.63          | 53.98       | -15.35 |
| *               | 11490.00 | Peak            | H                   | -                          | -                    | -71.74      | 14.03                   | 49.29          | 73.98       | -24.69 |
|                 | 17235.00 | Peak            | H                   | -                          | -                    | -82.95      | 20.11                   | 44.16          | 68.20       | -24.04 |

**Table 7-115. Radiated Measurements CDD Diversity**

|  |   |                                    |  |  |  |                                 |
|--|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br>Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) |  |  |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020  | EUT Type:<br>Tablet Device         |  |  |  |                                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5785MHz  
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11570.00      | Average  | H               | -                   | -                          | -83.55               | 14.21       | 37.66                   | 53.98          | -16.32      |
| * 11570.00      | Peak     | H               | -                   | -                          | -73.07               | 14.21       | 48.14                   | 73.98          | -25.84      |
| 17355.00        | Peak     | H               | -                   | -                          | -73.22               | 19.86       | 53.64                   | 68.20          | -14.56      |

**Table 7-116. Radiated Measurements CDD Diversity**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS15  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11650.00      | Average  | H               | -                   | -                          | -83.35               | 14.25       | 37.90                   | 53.98          | -16.08      |
| * 11650.00      | Peak     | H               | -                   | -                          | -72.90               | 14.25       | 48.35                   | 73.98          | -25.63      |
| 17475.00        | Peak     | H               | -                   | -                          | -73.70               | 20.58       | 53.88                   | 68.20          | -14.32      |

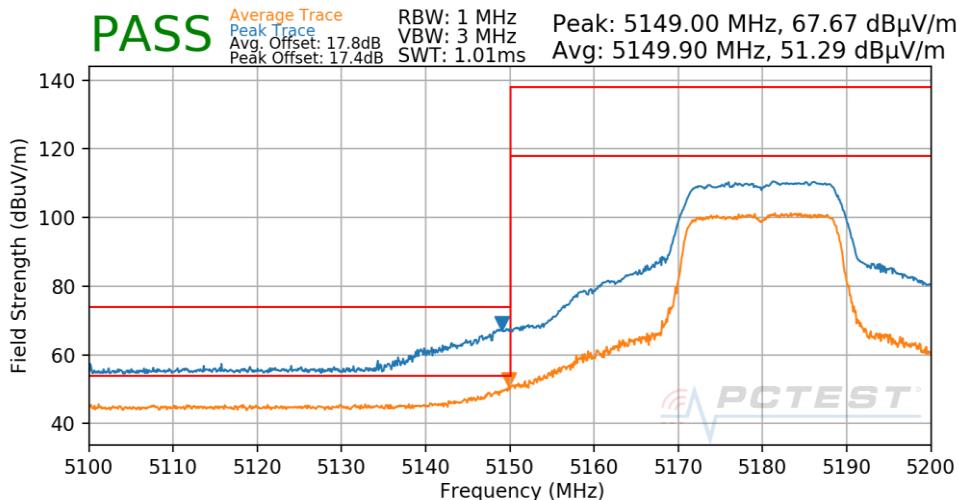
**Table 7-117. Radiated Measurements CDD Diversity**

|  |  |                            |  |                                       |                                 |
|--|--|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2324                           |  <b>PCTEST®</b><br><small>Proud to be part of element</small> |                            |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device |  |                                       |                                 |

#### 7.6.4 Antenna 2b Radiated Band Edge Measurements (20MHz BW)

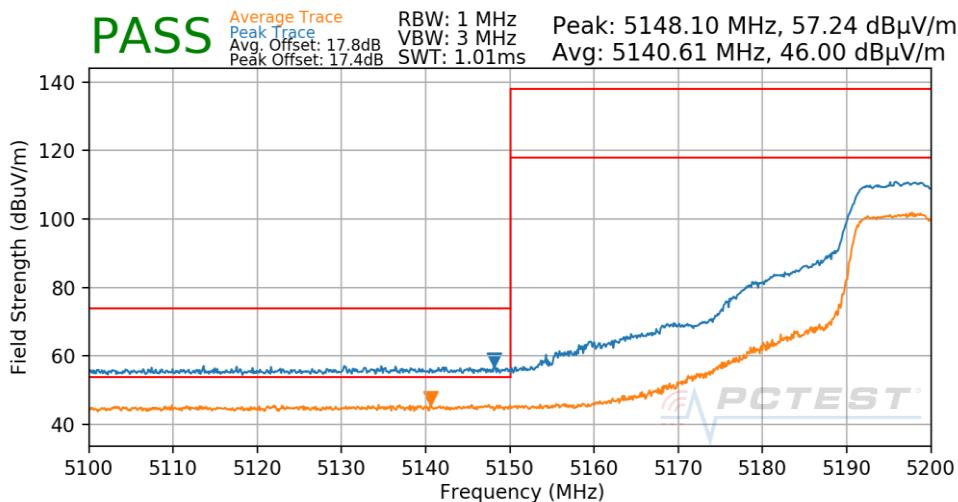
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5180MHz  
 Channel: 36



Plot 7-369. Radiated Lower Band Edge Plot Antenna 2b (UNII Band 1)

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS7  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5200MHz  
 Channel: 40



Plot 7-370. Radiated Lower Band Edge Plot Antenna 2b (UNII Band 1)

|  |  |                            |                                       |                                 |
|--|--|----------------------------|---------------------------------------|---------------------------------|
| 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>1C2004270029-12-R1.BCG | Test Dates:<br>07/16/2020 - 09/09/2020   | EUT Type:<br>Tablet Device | Page 256 of 344                       |                                 |