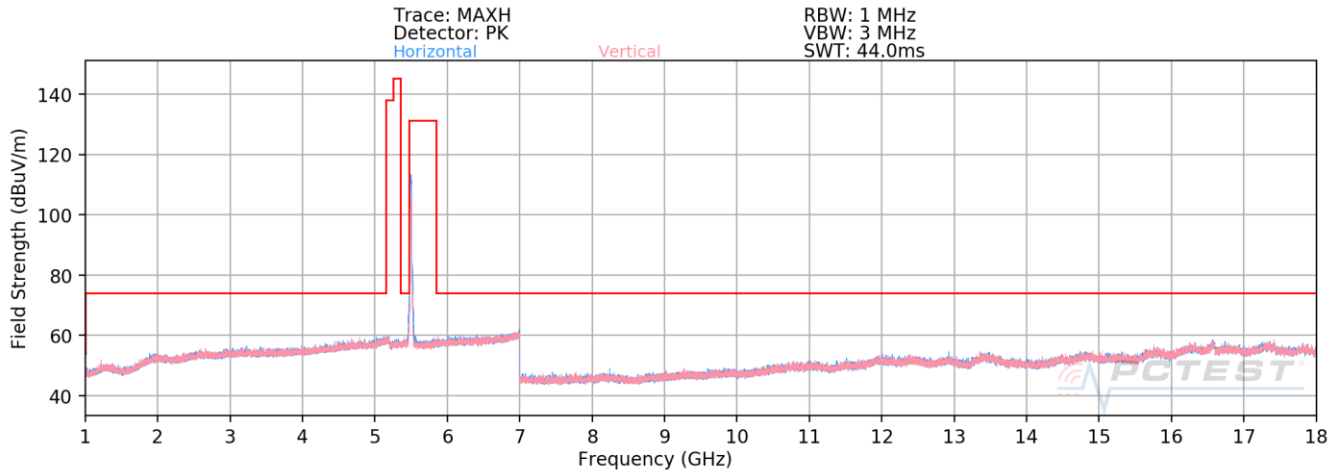
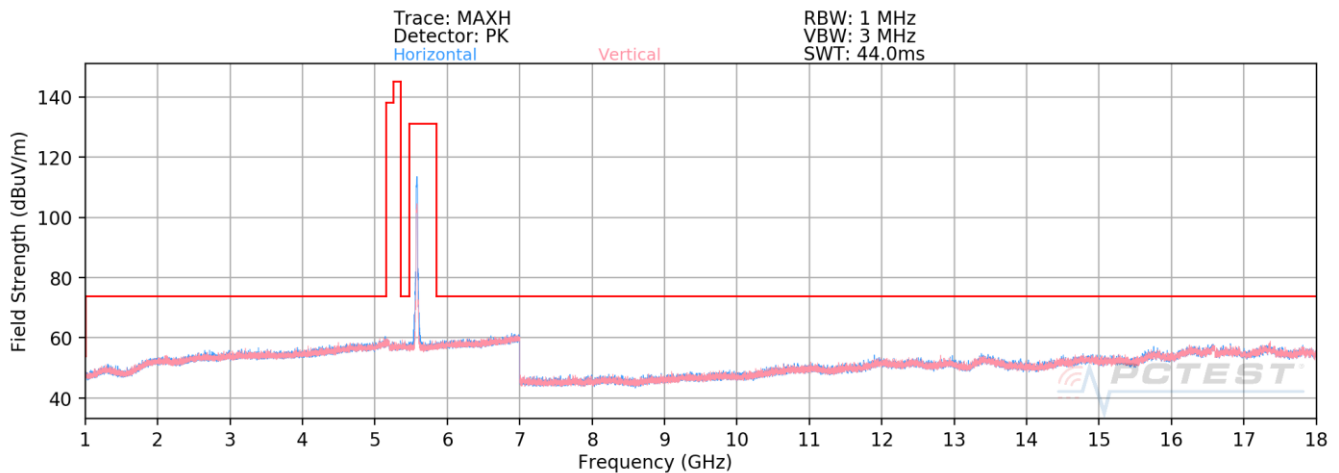
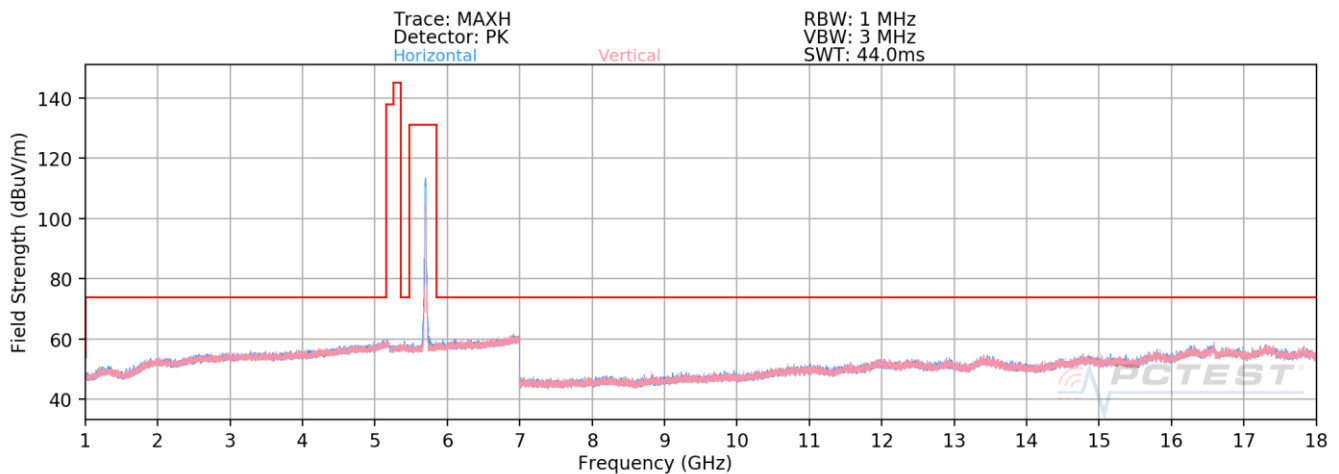




**Plot 7-189. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U2C Ch. 100)**

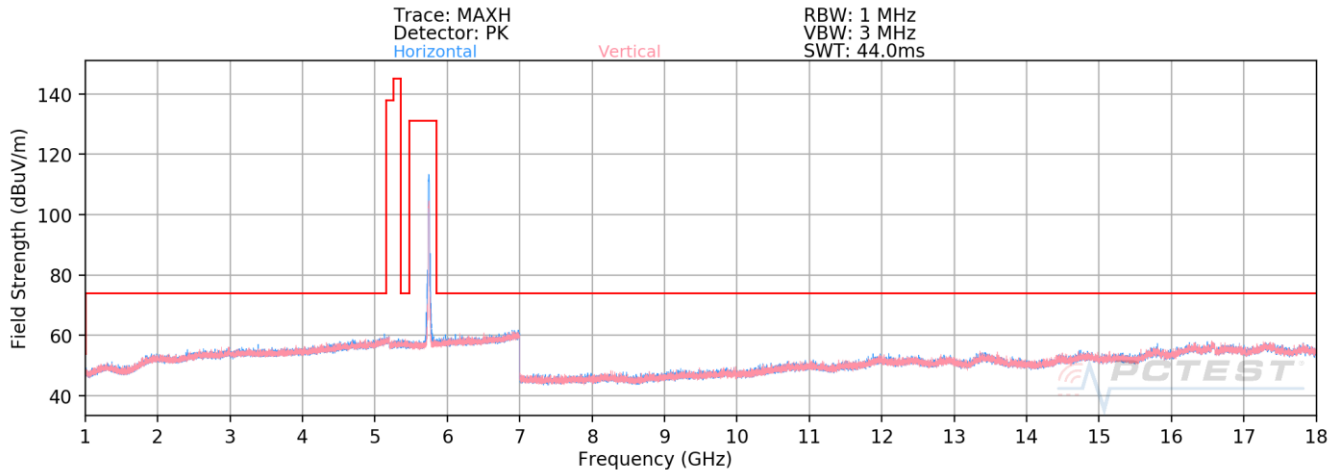


**Plot 7-190. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U2C Ch. 116)**

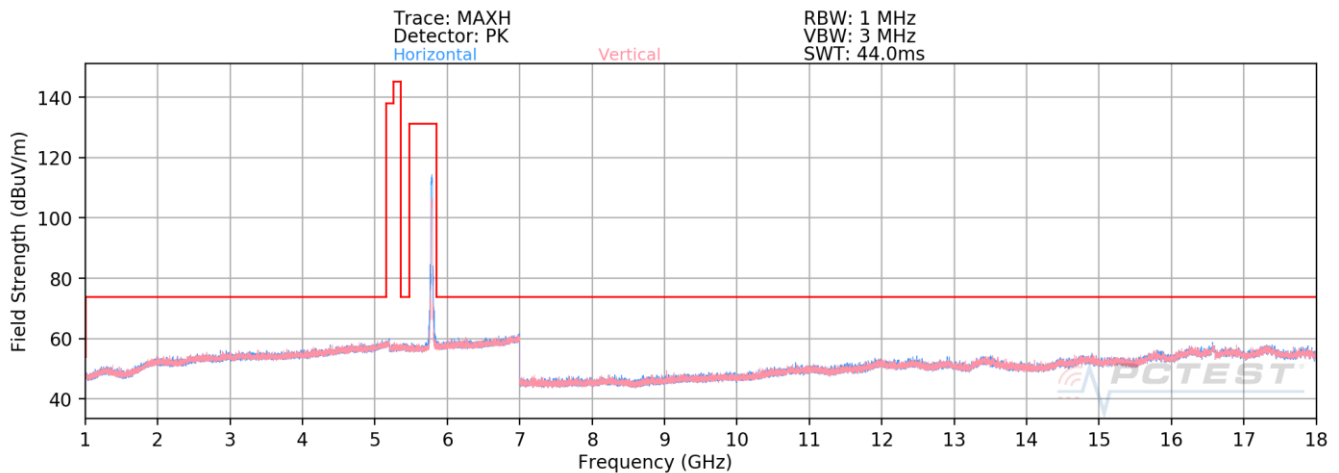


**Plot 7-191. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U2C Ch. 144)**

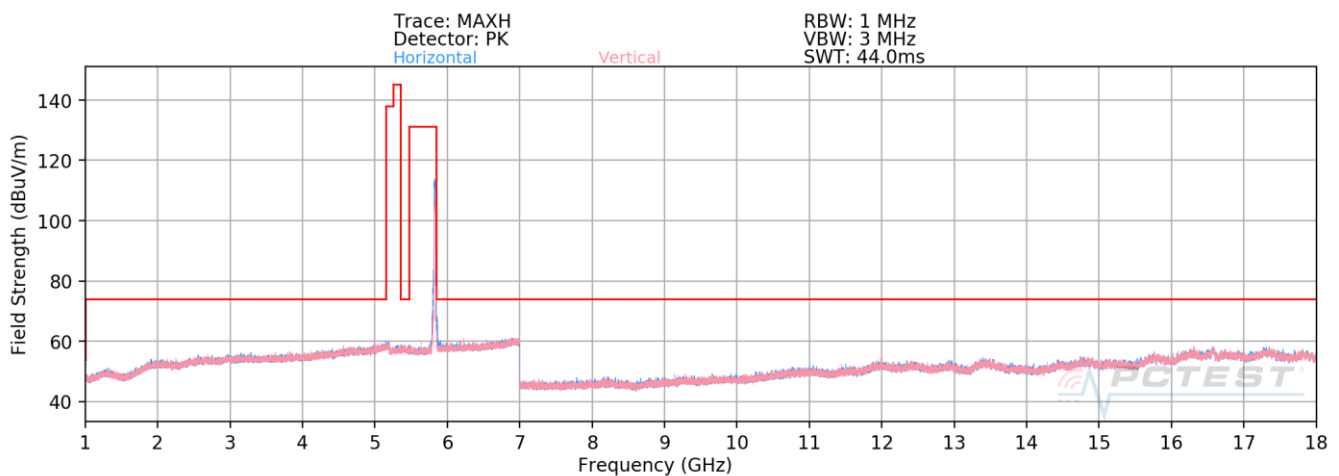
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 132 of 210                 |



**Plot 7-192. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U3 Ch. 149)**



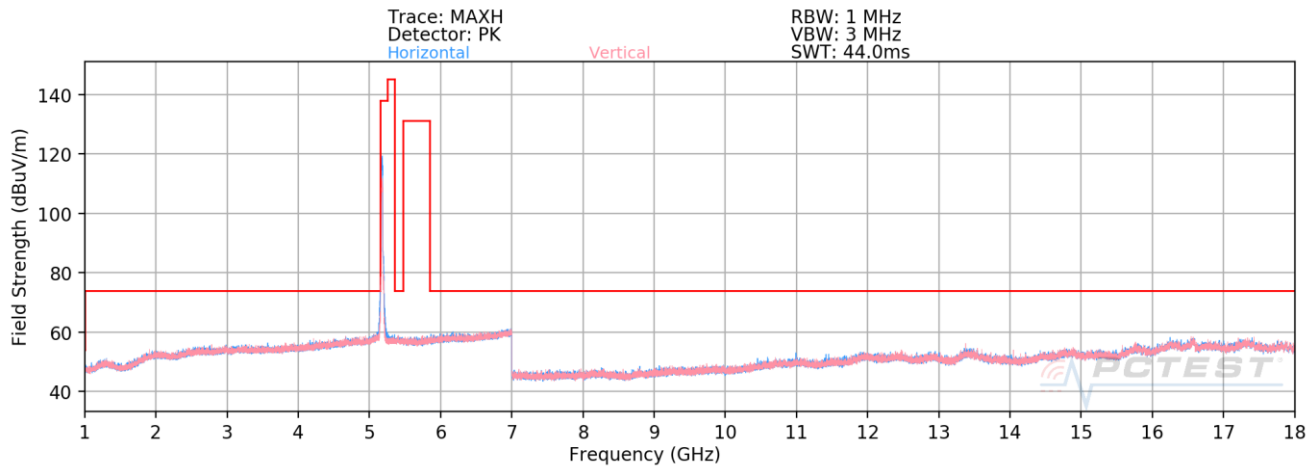
**Plot 7-193. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U3 Ch. 157)**



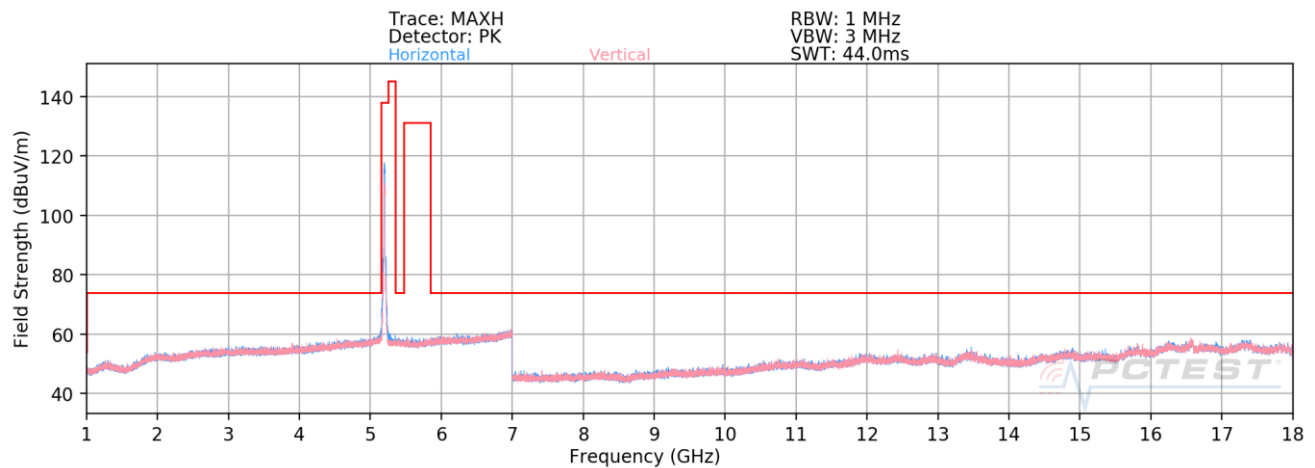
**Plot 7-194. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U3 Ch. 165)**

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 133 of 210                 |

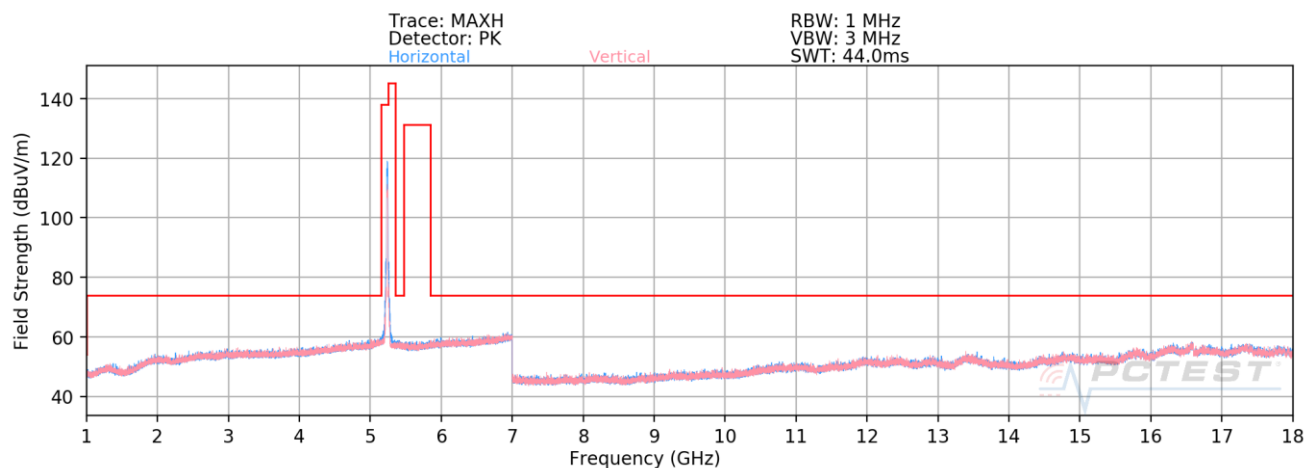
### 7.6.3 CDD/SDM Radiated Spurious Emission Measurements



**Plot 7-195. Radiated Spurious Emissions above 1GHz CDD (802.11n – U1 Ch. 36)**

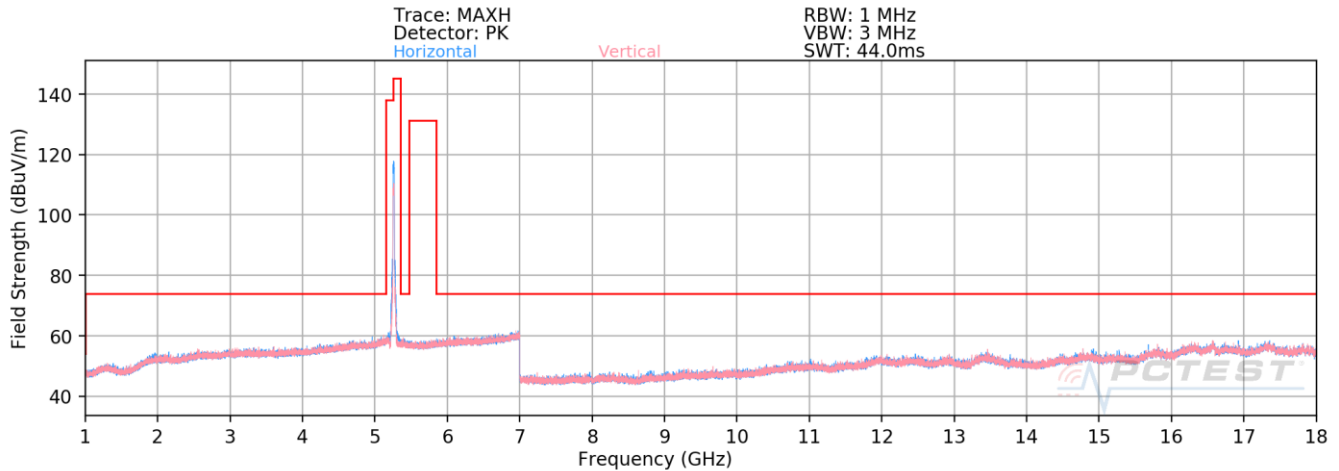


**Plot 7-196. Radiated Spurious Emissions above 1GHz CDD (802.11n – U1 Ch. 40)**

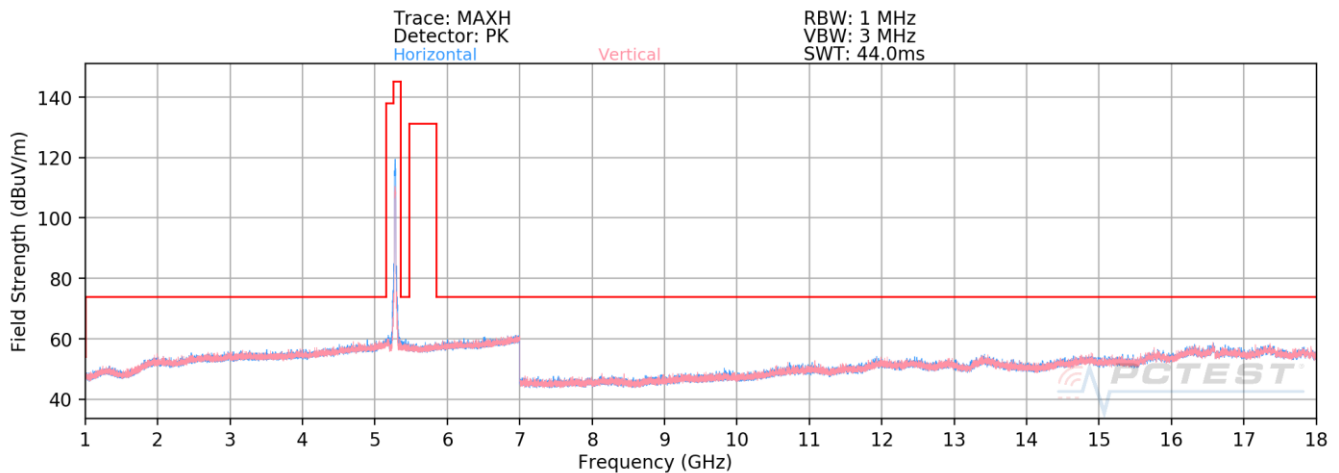


**Plot 7-197. Radiated Spurious Emissions above 1GHz CDD (802.11n – U1 Ch. 48)**

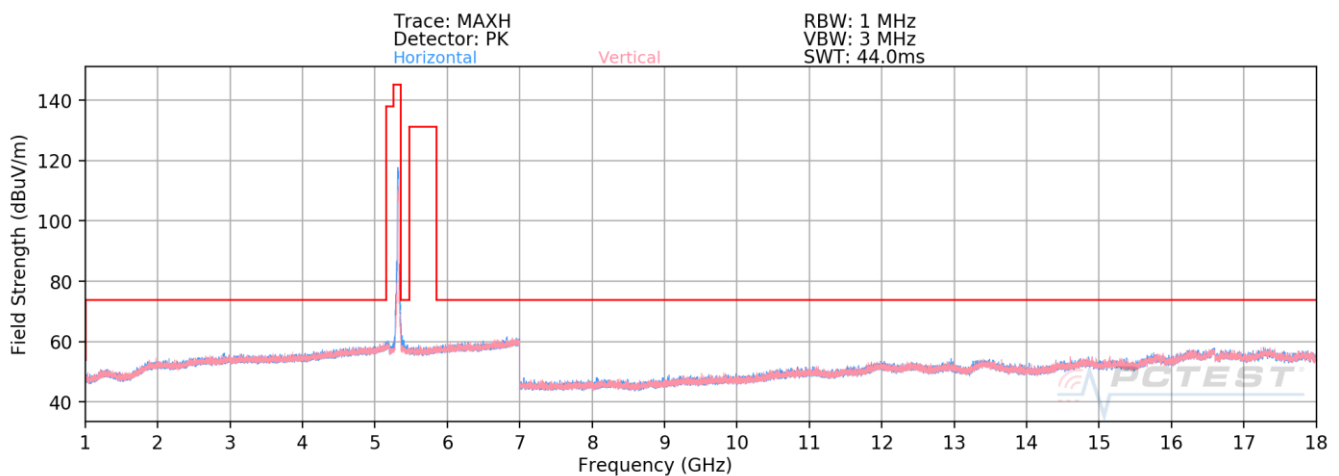
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 134 of 210                 |



**Plot 7-198. Radiated Spurious Emissions above 1GHz SDM (802.11n – U2A Ch. 52)**

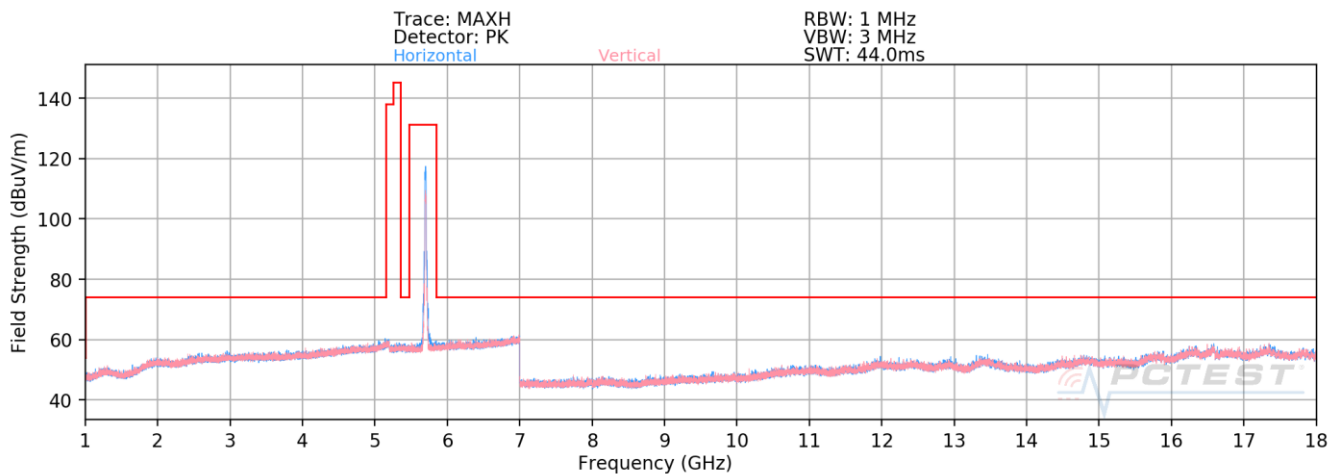
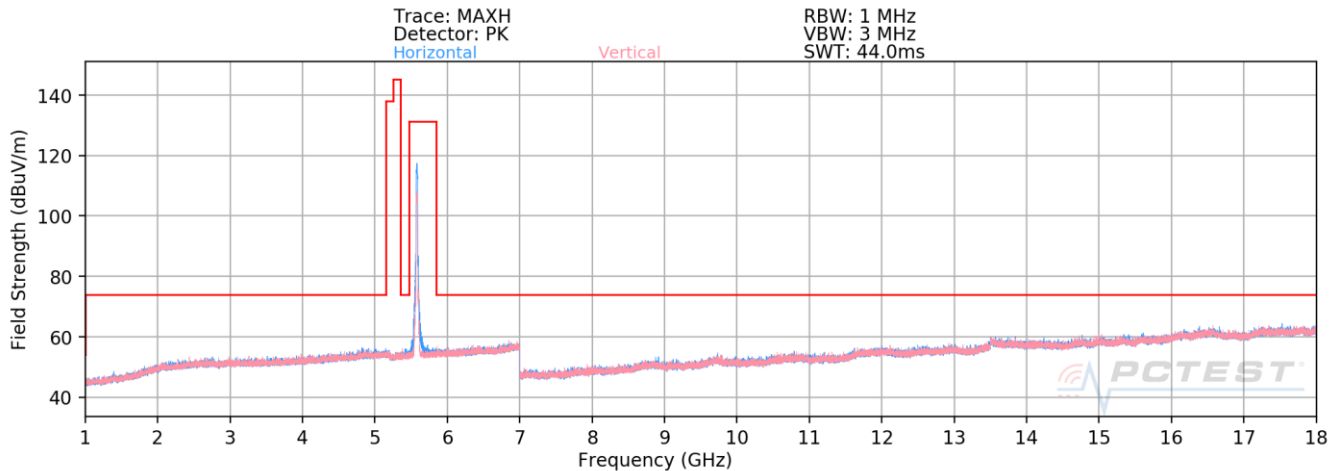
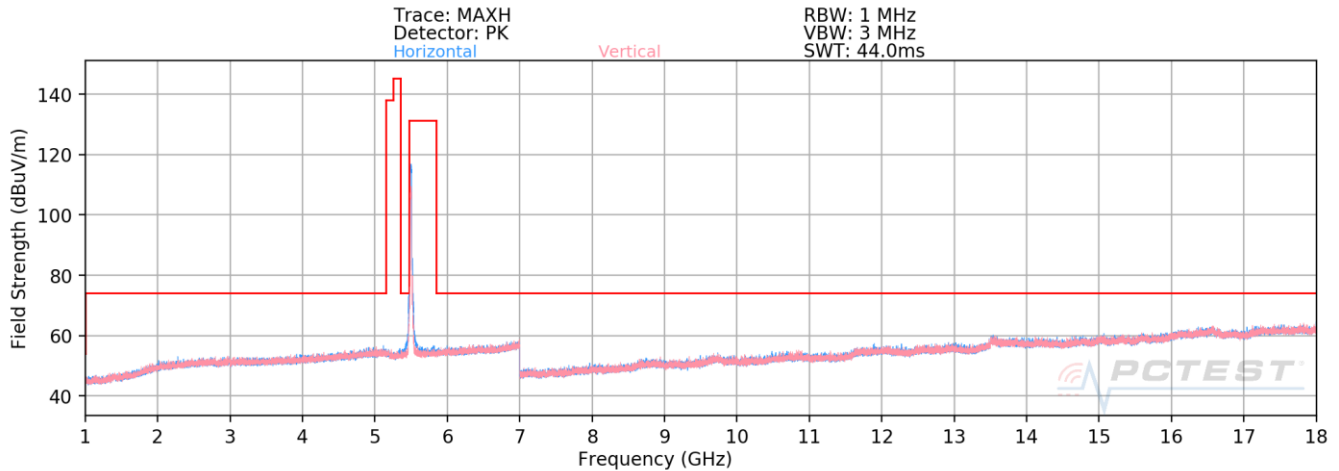


**Plot 7-199. Radiated Spurious Emissions above 1GHz SDM (802.11n – U2A Ch. 56)**

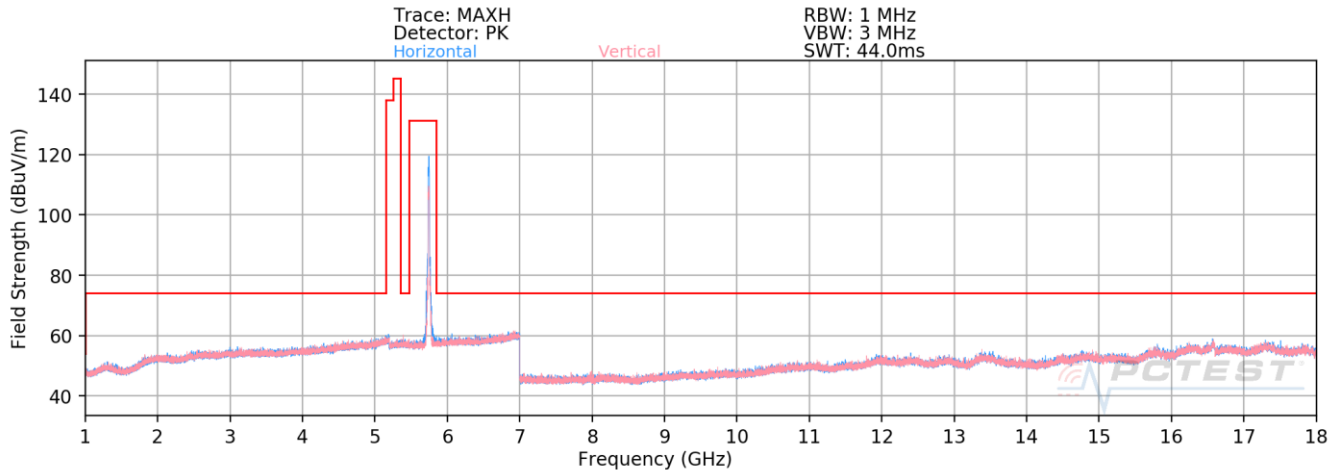


**Plot 7-200. Radiated Spurious Emissions above 1GHz CDD (802.11n – U2A Ch. 64)**

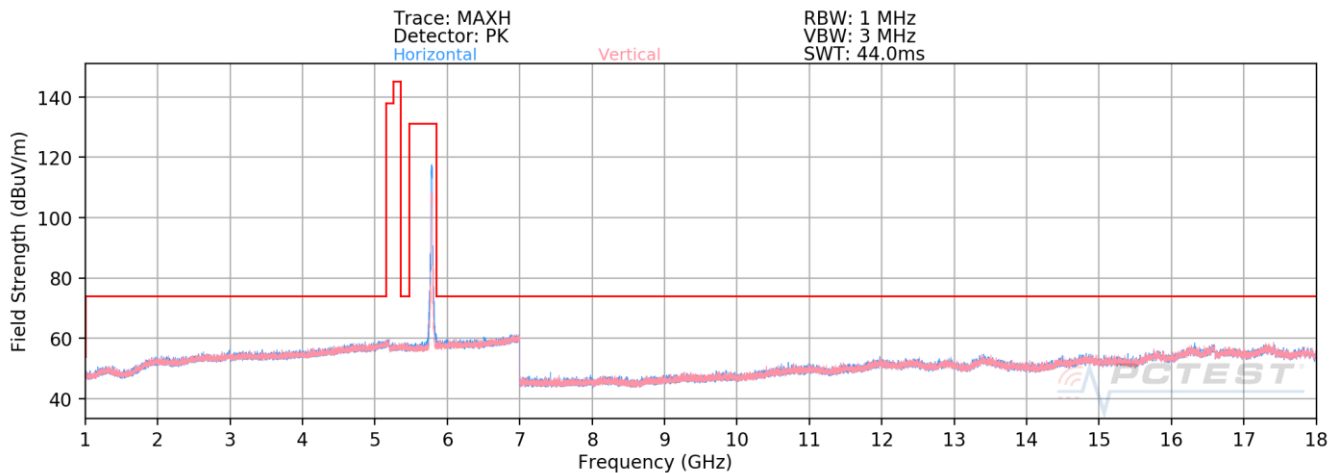
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 135 of 210                 |



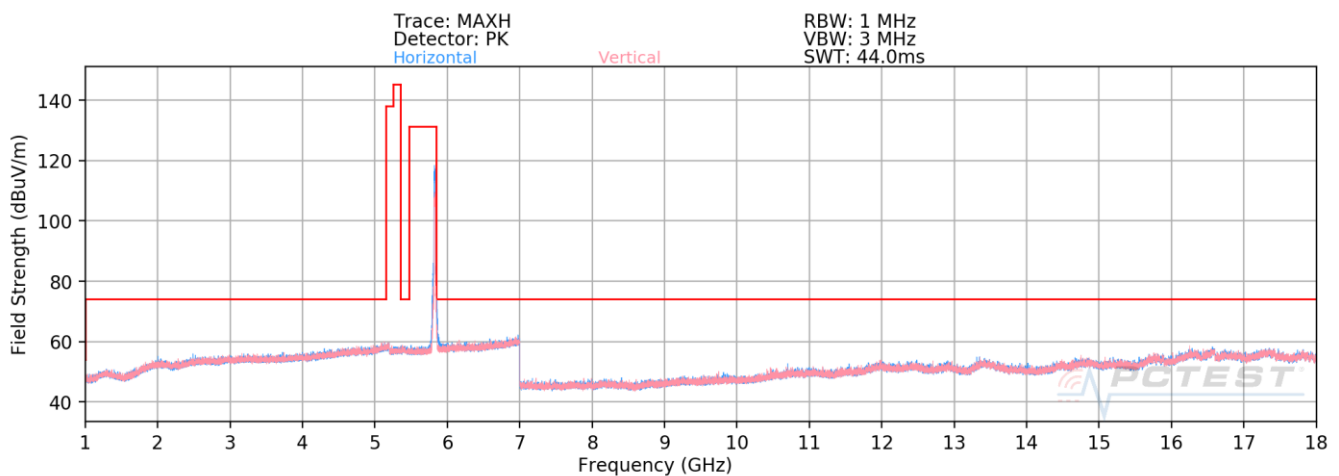
|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 136 of 210                 |



**Plot 7-204. Radiated Spurious Emissions above 1GHz CDD (802.11n – U3 Ch. 149)**



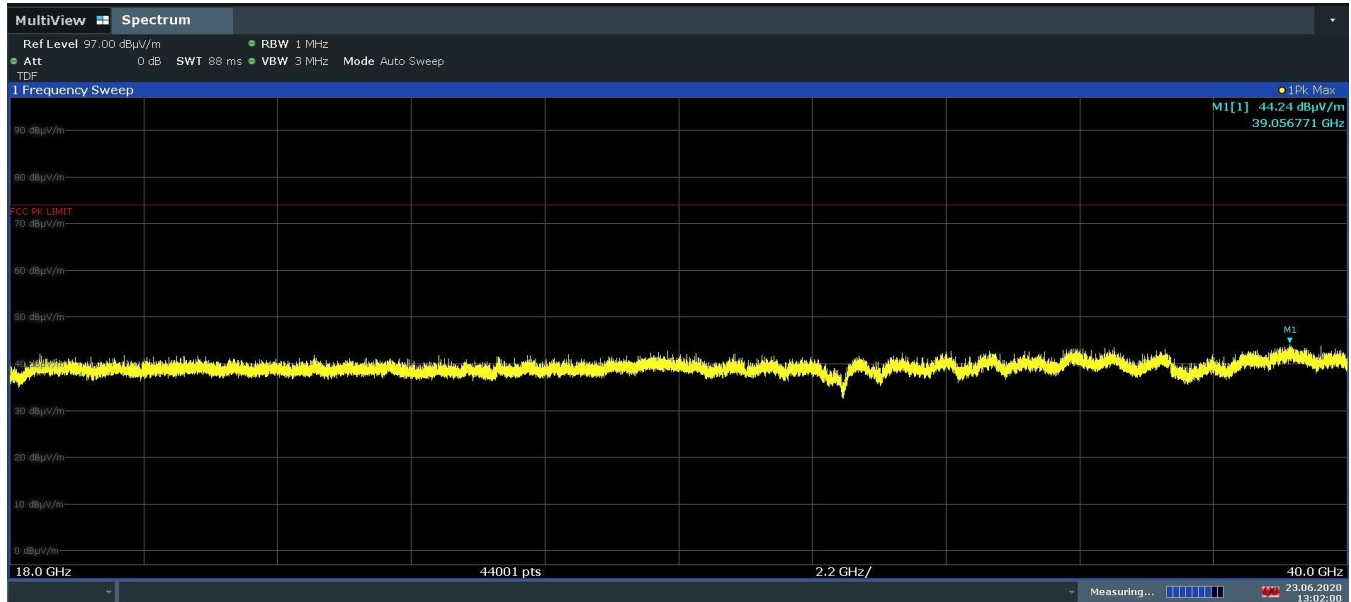
**Plot 7-205. Radiated Spurious Emissions above 1GHz CDD (802.11n – U3 Ch. 157)**



**Plot 7-206. Radiated Spurious Emissions above 1GHz CDD (802.11n – U3 Ch. 165)**

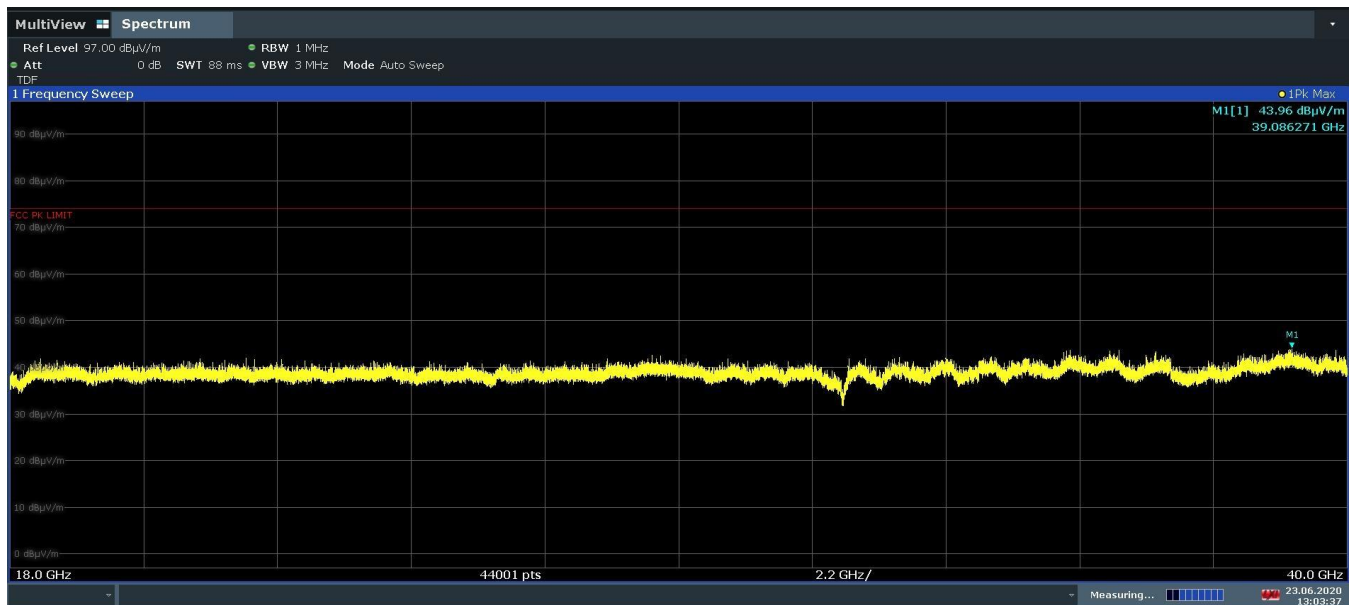
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 137 of 210                 |

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



13:02:01 23.06.2020

Plot 7-207. Radiated Spurious Emissions 18GHz - 40GHz CDD (802.11n – Ch.36, Pol. H)



13:03:37 23.06.2020

Plot 7-208. Radiated Spurious Emissions 18GHz - 40GHz CDD (802.11n – Ch.36, Pol. V)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 138 of 210                 |

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## SISO Core-0 Radiated Spurious Emission Measurements

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

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10360.00        | Peak     | V               | -                   | -                          | -72.39               | 14.20       | 48.81                   | 68.20          | -19.39      |
| * 15540.00      | Average  | V               | -                   | -                          | -84.65               | 19.65       | 42.00                   | 53.98          | -11.98      |
| * 15540.00      | Peak     | V               | -                   | -                          | -73.77               | 19.65       | 52.88                   | 73.98          | -21.10      |

Table 7-36. Radiated Measurements SISO CORE 0

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10400.00        | Peak     | V               | -                   | -                          | -71.68               | 14.29       | 49.61                   | 68.20          | -18.59      |
| * 15600.00      | Average  | V               | -                   | -                          | -84.87               | 20.06       | 42.19                   | 53.98          | -11.79      |
| * 15600.00      | Peak     | V               | -                   | -                          | -73.41               | 20.06       | 53.65                   | 73.98          | -20.33      |

Table 7-37. Radiated Measurements SISO CORE 0

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 139 of 210                 |



Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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     | V               | -                   | -                          | -71.83               | 14.89       | 50.06                   | 68.20          | -18.14      |
| * 15720.00      | Average  | V               | -                   | -                          | -85.12               | 20.73       | 42.61                   | 53.98          | -11.37      |
| * 15720.00      | Peak     | V               | -                   | -                          | -74.30               | 20.73       | 53.43                   | 73.98          | -20.55      |

**Table 7-38. Radiated Measurements SISO CORE 0**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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     | V               | -                   | -                          | -71.43               | 14.76       | 50.33                   | 68.20          | -17.87      |
| * 15780.00      | Average  | V               | -                   | -                          | -85.31               | 21.26       | 42.95                   | 53.98          | -11.03      |
| * 15780.00      | Peak     | V               | -                   | -                          | -73.82               | 21.26       | 54.44                   | 73.98          | -19.54      |

**Table 7-39. Radiated Measurements SISO CORE 0**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 140 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00        | Peak     | V               | -                   | -                          | -71.61               | 14.35       | 49.74                   | 68.20          | -18.46      |
| * 15840.00      | Average  | V               | -                   | -                          | -85.30               | 21.39       | 43.09                   | 53.98          | -10.89      |
| * 15840.00      | Peak     | V               | -                   | -                          | -74.16               | 21.39       | 54.23                   | 73.98          | -19.75      |

**Table 7-40. Radiated Measurements SISO CORE 0**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 10640.00      | Average  | V               | -                   | -                          | -83.05               | 14.81       | 38.76                   | 53.98          | -15.22      |
| * 10640.00      | Peak     | V               | -                   | -                          | -71.25               | 14.81       | 50.56                   | 73.98          | -23.42      |
| * 15960.00      | Average  | V               | -                   | -                          | -84.54               | 21.35       | 43.81                   | 53.98          | -10.17      |
| * 15960.00      | Peak     | V               | -                   | -                          | -73.75               | 21.35       | 54.60                   | 73.98          | -19.38      |

**Table 7-41. Radiated Measurements SISO CORE 0**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 141 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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  | V               | -                   | -                          | -83.50               | 15.70       | 39.20                   | 53.98          | -14.78      |
| * 11000.00      | Peak     | V               | -                   | -                          | -71.95               | 15.70       | 50.75                   | 73.98          | -23.23      |
| 16500.00        | Peak     | V               | -                   | -                          | -72.40               | 21.27       | 55.87                   | 68.20          | -12.33      |

**Table 7-42. Radiated Measurements SISO CORE 0**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11160.00      | Average  | V               | -                   | -                          | -83.83               | 15.68       | 38.85                   | 53.98          | -15.13      |
| * 11160.00      | Peak     | V               | -                   | -                          | -73.08               | 15.68       | 49.60                   | 73.98          | -24.38      |
| 16740.00        | Peak     | V               | -                   | -                          | -73.27               | 22.84       | 56.57                   | 68.20          | -11.63      |

**Table 7-43. Radiated Measurements SISO CORE 0**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 142 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11440.00        | Average  | V               | -                   | -                          | -84.39               | 16.34       | 38.95                   | 53.98          | -15.03      |
| * | 11440.00        | Peak     | V               | -                   | -                          | -73.33               | 16.34       | 50.01                   | 73.98          | -23.97      |
|   | 17160.00        | Peak     | V               | -                   | -                          | -74.19               | 21.78       | 54.59                   | 68.20          | -13.61      |

**Table 7-44. Radiated Measurements SISO CORE 0**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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  | V               | -                   | -                          | -84.52               | 15.93       | 38.41                   | 53.98          | -15.57      |
| * | 11490.00        | Peak     | V               | -                   | -                          | -72.83               | 15.93       | 50.10                   | 73.98          | -23.88      |
|   | 17235.00        | Peak     | V               | -                   | -                          | -73.61               | 22.46       | 55.85                   | 68.20          | -12.35      |

**Table 7-45. Radiated Measurements SISO CORE 0**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 143 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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  | V               | -                   | -                          | -84.19               | 16.80       | 39.61                   | 53.98          | -14.37      |
| * | 11570.00        | Peak     | V               | -                   | -                          | -73.40               | 16.80       | 50.40                   | 73.98          | -23.58      |
|   | 17355.00        | Peak     | V               | -                   | -                          | -72.62               | 22.85       | 57.23                   | 68.20          | -10.97      |

**Table 7-46. Radiated Measurements SISO CORE 0**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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  | V               | -                   | -                          | -83.73               | 16.21       | 39.48                   | 53.98          | -14.49      |
| * | 11650.00        | Peak     | V               | -                   | -                          | -72.91               | 16.21       | 50.30                   | 73.98          | -23.67      |
|   | 17475.00        | Peak     | V               | -                   | -                          | -72.20               | 22.11       | 56.91                   | 68.20          | -11.29      |

**Table 7-47. Radiated Measurements SISO CORE 0**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 144 of 210                 |

## SISO Core-1 Radiated Spurious Emission Measurements

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

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10360.00        | Peak     | H               | -                   | -                          | -71.83               | 14.20       | 49.37                   | 68.20          | -18.83      |
| * 15540.00      | Average  | H               | -                   | -                          | -84.92               | 19.65       | 41.73                   | 53.98          | -12.25      |
| * 15540.00      | Peak     | H               | -                   | -                          | -74.15               | 19.65       | 52.50                   | 73.98          | -21.48      |

Table 7-48. Radiated Measurements SISO CORE 1

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10400.00        | Peak     | H               | -                   | -                          | -72.19               | 14.29       | 49.10                   | 68.20          | -19.10      |
| * 15600.00      | Average  | H               | -                   | -                          | -84.85               | 20.06       | 42.21                   | 53.98          | -11.77      |
| * 15600.00      | Peak     | H               | -                   | -                          | -73.26               | 20.06       | 53.80                   | 73.98          | -20.18      |

Table 7-49. Radiated Measurements SISO CORE 1

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 145 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -71.48               | 14.89       | 50.41                   | 68.20          | -17.79      |
| * 15720.00      | Average  | H               | -                   | -                          | -85.41               | 20.73       | 42.32                   | 53.98          | -11.66      |
| * 15720.00      | Peak     | H               | -                   | -                          | -74.07               | 20.73       | 53.66                   | 73.98          | -20.32      |

**Table 7-50. Radiated Measurements SISO CORE 1**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -71.33               | 14.76       | 50.43                   | 68.20          | -17.77      |
| * 15780.00      | Average  | H               | -                   | -                          | -85.71               | 21.26       | 42.55                   | 53.98          | -11.43      |
| * 15780.00      | Peak     | H               | -                   | -                          | -73.50               | 21.26       | 54.76                   | 73.98          | -19.22      |

**Table 7-51. Radiated Measurements SISO CORE 1**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 146 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00        | Peak     | H               | -                   | -                          | -71.34               | 14.35       | 50.01                   | 68.20          | -18.19      |
| * 15840.00      | Average  | H               | -                   | -                          | -85.21               | 21.39       | 43.18                   | 53.98          | -10.80      |
| * 15840.00      | Peak     | H               | -                   | -                          | -74.33               | 21.39       | 54.06                   | 73.98          | -19.92      |

**Table 7-52. Radiated Measurements SISO CORE 1**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 10640.00      | Average  | H               | -                   | -                          | -82.99               | 14.81       | 38.82                   | 53.98          | -15.16      |
| * 10640.00      | Peak     | H               | -                   | -                          | -71.18               | 14.81       | 50.63                   | 73.98          | -23.35      |
| * 15960.00      | Average  | H               | -                   | -                          | -84.60               | 21.35       | 43.75                   | 53.98          | -10.23      |
| * 15960.00      | Peak     | H               | -                   | -                          | -73.48               | 21.35       | 54.87                   | 73.98          | -19.11      |

**Table 7-53. Radiated Measurements SISO CORE 1**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 147 of 210                 |



Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -83.56               | 15.70       | 39.14                   | 53.98          | -14.84      |
| * 11000.00      | Peak     | H               | -                   | -                          | -71.24               | 15.70       | 51.46                   | 73.98          | -22.52      |
| 16500.00        | Peak     | H               | -                   | -                          | -83.48               | 21.27       | 44.79                   | 68.20          | -23.41      |

**Table 7-54. Radiated Measurements SISO CORE 1**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11160.00      | Average  | H               | -                   | -                          | -84.02               | 15.68       | 38.66                   | 53.98          | -15.32      |
| * 11160.00      | Peak     | H               | -                   | -                          | -73.16               | 15.68       | 49.52                   | 73.98          | -24.46      |
| 16740.00        | Peak     | H               | -                   | -                          | -72.88               | 22.84       | 56.96                   | 68.20          | -11.24      |

**Table 7-55. Radiated Measurements SISO CORE 1**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 148 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -84.63               | 16.34       | 38.71                   | 53.98          | -15.27      |
| * | 11440.00        | Peak     | H               | -                   | -                          | -73.25               | 16.34       | 50.09                   | 73.98          | -23.89      |
|   | 17160.00        | Peak     | H               | -                   | -                          | -73.94               | 21.78       | 54.84                   | 68.20          | -13.36      |

**Table 7-56. Radiated Measurements SISO CORE 1**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -84.26               | 15.93       | 38.67                   | 53.98          | -15.31      |
| * | 11490.00        | Peak     | H               | -                   | -                          | -73.27               | 15.93       | 49.66                   | 73.98          | -24.32      |
|   | 17235.00        | Peak     | H               | -                   | -                          | -72.90               | 22.46       | 56.56                   | 68.20          | -11.64      |

**Table 7-57. Radiated Measurements SISO CORE 1**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 149 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -84.22               | 16.80       | 39.58                   | 53.98          | -14.40      |
| * | 11570.00        | Peak     | H               | -                   | -                          | -72.67               | 16.80       | 51.13                   | 73.98          | -22.85      |
|   | 17355.00        | Peak     | H               | -                   | -                          | -72.97               | 22.85       | 56.88                   | 68.20          | -11.32      |

**Table 7-58. Radiated Measurements SISO CORE 1**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | 147                 | 225                        | -82.93               | 16.21       | 40.28                   | 53.98          | -13.69      |
| * | 11650.00        | Peak     | H               | 147                 | 225                        | -72.14               | 16.21       | 51.07                   | 73.98          | -22.90      |
|   | 17475.00        | Peak     | H               | -                   | -                          | -73.46               | 22.11       | 55.65                   | 68.20          | -12.55      |

**Table 7-59. Radiated Measurements SISO CORE 1**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 150 of 210                 |

## CDD/SDM Radiated Spurious Emission Measurements

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

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10360.00        | Peak     | H               | -                   | -                          | -72.45               | 14.20       | 48.75                   | 68.20          | -19.45      |
| * 15540.00      | Average  | H               | -                   | -                          | -84.83               | 19.65       | 41.82                   | 53.98          | -12.16      |
| * 15540.00      | Peak     | H               | -                   | -                          | -73.98               | 19.65       | 52.67                   | 73.98          | -21.31      |

Table 7-60. Radiated Measurements CDD

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10400.00        | Peak     | H               | -                   | -                          | -71.98               | 14.29       | 49.31                   | 68.20          | -18.89      |
| * 15600.00      | Average  | H               | -                   | -                          | -84.86               | 20.06       | 42.20                   | 53.98          | -11.78      |
| * 15600.00      | Peak     | H               | -                   | -                          | -73.78               | 20.06       | 53.28                   | 73.98          | -20.70      |

Table 7-61. Radiated Measurements CDD

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 151 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -72.01               | 14.89       | 49.88                   | 68.20          | -18.32      |
| * 15720.00      | Average  | H               | -                   | -                          | -85.19               | 20.73       | 42.54                   | 53.98          | -11.44      |
| * 15720.00      | Peak     | H               | -                   | -                          | -73.85               | 20.73       | 53.88                   | 73.98          | -20.10      |

**Table 7-62. Radiated Measurements CDD**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC8  
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               | -                   | -                          | -71.57               | 14.76       | 50.19                   | 68.20          | -18.01      |
| * 15780.00      | Average  | H               | -                   | -                          | -85.67               | 21.26       | 42.59                   | 53.98          | -11.39      |
| * 15780.00      | Peak     | H               | -                   | -                          | -73.24               | 21.26       | 55.02                   | 73.98          | -18.96      |

**Table 7-63. Radiated Measurements SDM**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 152 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC8  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00        | Peak     | H               | -                   | -                          | -72.07               | 14.35       | 49.28                   | 68.20          | -18.92      |
| * 15840.00      | Average  | H               | -                   | -                          | -85.29               | 21.39       | 43.10                   | 53.98          | -10.88      |
| * 15840.00      | Peak     | H               | -                   | -                          | -73.14               | 21.39       | 55.25                   | 73.98          | -18.73      |

**Table 7-64. Radiated Measurements SDM**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 10640.00      | Average  | H               | -                   | -                          | -82.90               | 14.81       | 38.91                   | 53.98          | -15.07      |
| * 10640.00      | Peak     | H               | -                   | -                          | -71.16               | 14.81       | 50.65                   | 73.98          | -23.33      |
| * 15960.00      | Average  | H               | -                   | -                          | -84.28               | 21.35       | 44.07                   | 53.98          | -9.91       |
| * 15960.00      | Peak     | H               | -                   | -                          | -73.50               | 21.35       | 54.85                   | 73.98          | -19.13      |

**Table 7-65. Radiated Measurements CDD**

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 153 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -84.94               | 20.03       | 42.09                   | 53.98          | -11.89      |
| * 11000.00      | Peak     | H               | -                   | -                          | -73.61               | 20.03       | 53.42                   | 73.98          | -20.56      |
| 16500.00        | Peak     | H               | -                   | -                          | -73.89               | 27.67       | 60.78                   | 68.20          | -7.42       |

**Table 7-66. Radiated Measurements CDD**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC8  
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               | -                   | -                          | -84.80               | 20.03       | 42.23                   | 53.98          | -11.75      |
| * 11160.00      | Peak     | H               | -                   | -                          | -73.29               | 20.03       | 53.74                   | 73.98          | -20.24      |
| 16740.00        | Peak     | H               | -                   | -                          | -74.38               | 28.32       | 60.94                   | 68.20          | -7.26       |

**Table 7-67. Radiated Measurements SDM**

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                              | EUT Type:<br>Tablet Device            | Page 154 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC8  
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               | -                   | -                          | -84.32               | 20.68       | 43.36                   | 53.98          | -10.62      |
| * | 11440.00        | Peak     | H               | -                   | -                          | -73.10               | 20.68       | 54.58                   | 73.98          | -19.40      |
|   | 17160.00        | Peak     | H               | -                   | -                          | -73.12               | 28.89       | 62.77                   | 68.20          | -5.43       |

**Table 7-68. Radiated Measurements SDM**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -84.19               | 15.93       | 38.74                   | 53.98          | -15.24      |
| * | 11490.00        | Peak     | H               | -                   | -                          | -72.61               | 15.93       | 50.32                   | 73.98          | -23.66      |
|   | 17235.00        | Peak     | H               | -                   | -                          | -75.57               | 22.46       | 53.89                   | 68.20          | -14.31      |

**Table 7-69. Radiated Measurements CDD**

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 155 of 210                 |



Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -83.99               | 16.80       | 39.81                   | 53.98          | -14.17      |
| * | 11570.00        | Peak     | H               | -                   | -                          | -72.50               | 16.80       | 51.30                   | 73.98          | -22.68      |
|   | 17355.00        | Peak     | H               | -                   | -                          | -72.34               | 22.85       | 57.51                   | 68.20          | -10.69      |

**Table 7-70. Radiated Measurements CDD**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
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               | -                   | -                          | -83.85               | 16.21       | 39.36                   | 53.98          | -14.61      |
| * | 11650.00        | Peak     | H               | -                   | -                          | -72.20               | 16.21       | 51.01                   | 73.98          | -22.96      |
|   | 17475.00        | Peak     | H               | -                   | -                          | -71.81               | 22.11       | 57.30                   | 68.20          | -10.90      |

**Table 7-71. Radiated Measurements CDD**

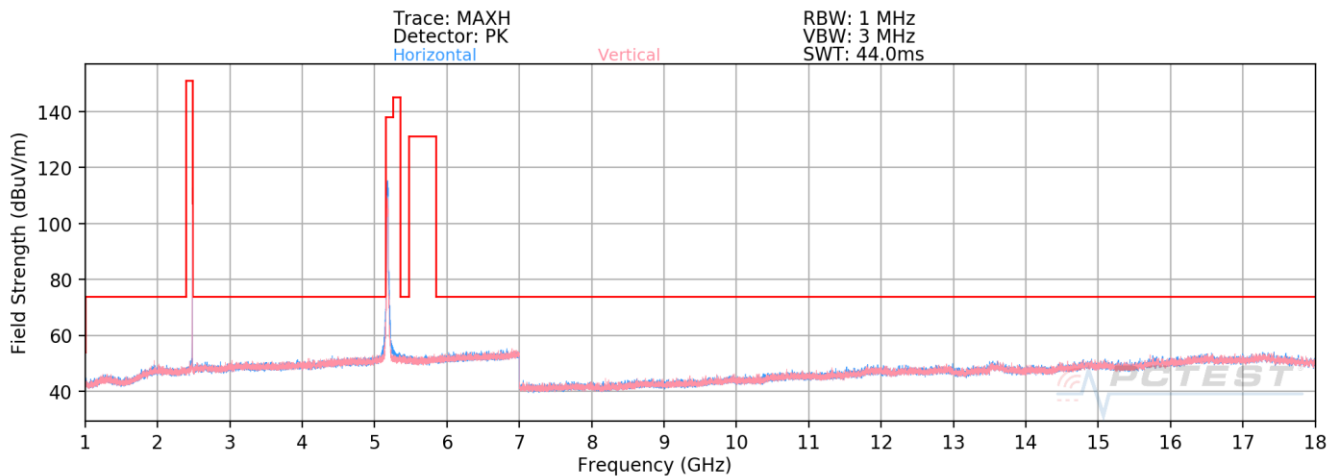
|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 156 of 210                 |

## 7.6.4 Simultaneous Tx Radiated Spurious Emissions Measurements

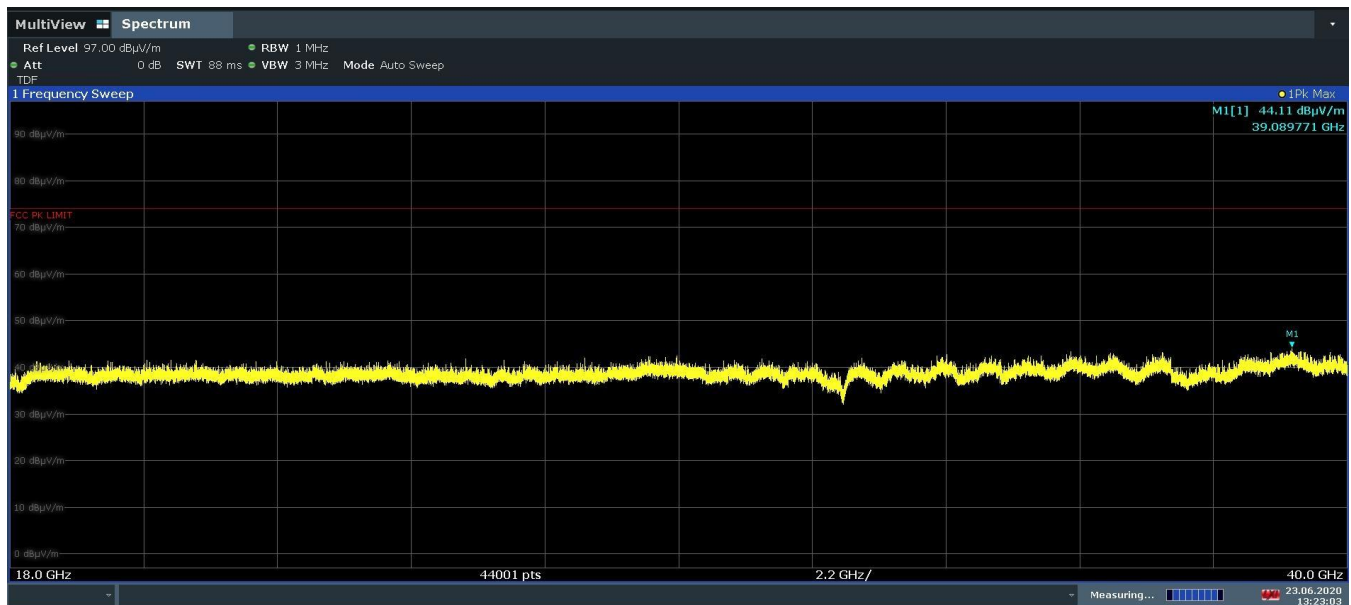
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

| Description               | Bluetooth | 802.11a/n/ac 5GHz |
|---------------------------|-----------|-------------------|
| Antenna                   | A         | A                 |
| Channel                   | 78        | 36                |
| Operating Frequency (MHz) | 2480      | 5180              |
| Data Rate (Mbps)          | 1.0       | MCS0              |
| Mode                      | GFSK/ePa  | 802.11n           |

Table 7-72. Worst Case Simultaneous Transmission Configuration



Plot 7-209. Radiated Spurious Emissions above 1GHz (2.4GHz – 5GHz)



13:23:03 23.06.2020

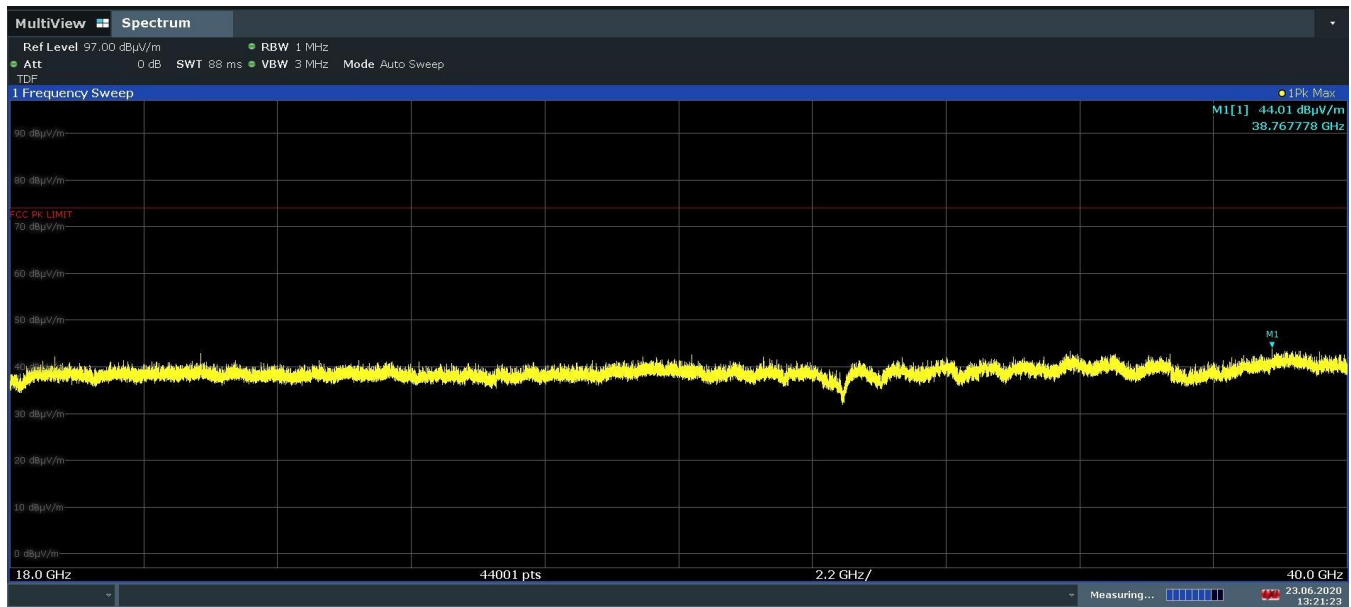
Plot 7-210. Radiated Spurious Emissions 18GHz – 40GHz (2.4GHz – 5GHz) Pol. H

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 157 of 210                 |

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13:21:24 23.06.2020

**Plot 7-211. Radiated Spurious Emissions 18GHz – 40GHz (2.4GHz – 5GHz) Pol V**

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 4960.00         | Average  | H               | -                   | -                          | -79.27               | 4.19        | 31.92                   | 53.98          | -22.06      |
| 4960.00         | Peak     | H               | -                   | -                          | -67.63               | 4.19        | 43.56                   | 73.98          | -30.42      |
| 7440.00         | Average  | V               | -                   | -                          | -80.90               | 9.13        | 35.23                   | 53.98          | -18.75      |
| 7440.00         | Peak     | V               | -                   | -                          | -69.04               | 9.13        | 47.09                   | 73.98          | -26.89      |
| 12400.00        | Average  | H               | -                   | -                          | -83.99               | 17.43       | 40.44                   | 53.98          | -13.54      |
| 12400.00        | Peak     | H               | -                   | -                          | -72.66               | 17.43       | 51.77                   | 73.98          | -22.21      |
| 10360.00        | Average  | H               | -                   | -                          | -83.20               | 14.57       | 38.37                   | 53.98          | -15.60      |
| 10360.00        | Peak     | H               | -                   | -                          | -72.45               | 14.57       | 49.12                   | 73.98          | -24.85      |
| 15540.00        | Average  | V               | -                   | -                          | -84.92               | 19.85       | 41.93                   | 53.98          | -12.05      |
| 15540.00        | Peak     | V               | -                   | -                          | -73.43               | 19.85       | 53.42                   | 73.98          | -20.56      |

**Table 7-73. Radiated Measurements (2.4GHz – 5GHz)**

|                                         |                                              |                                       |  |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            |  | Page 158 of 210                 |

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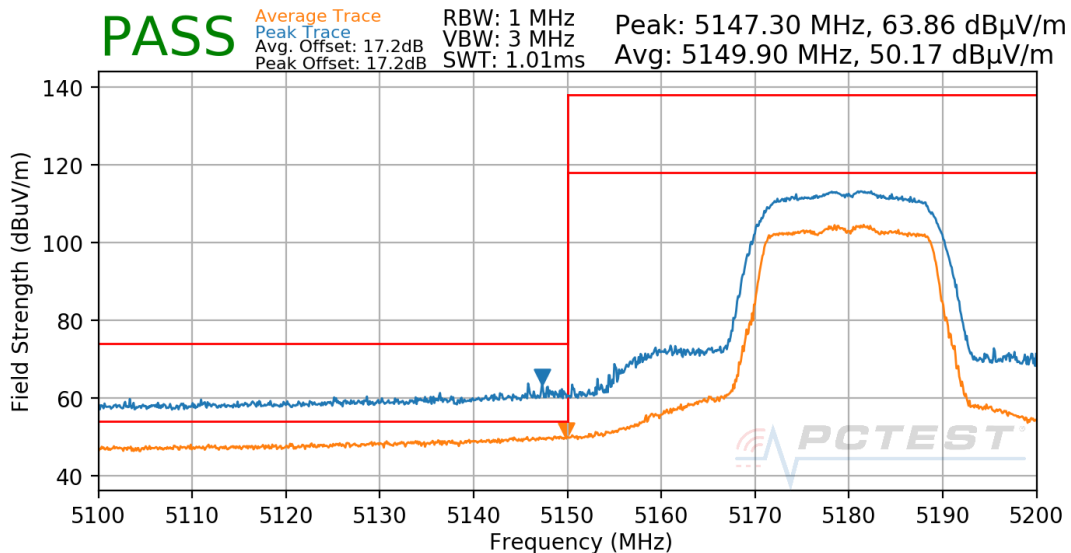
V 10.1 02/01/2020

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## 7.6.5 SISO Core-0 Radiated Band Edge Measurements (20MHz BW)

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

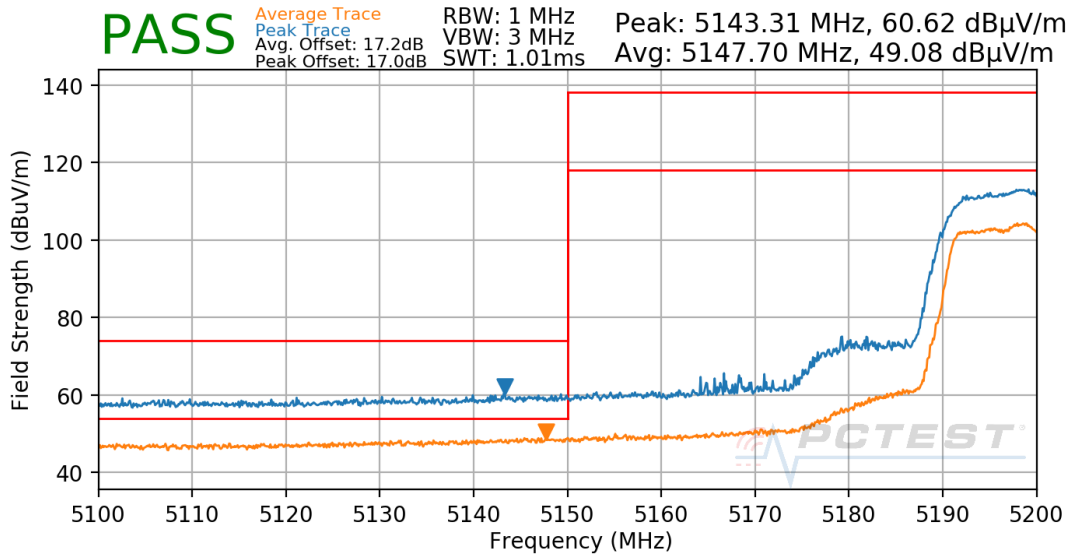
|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MSC0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |



Plot 7-212. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)

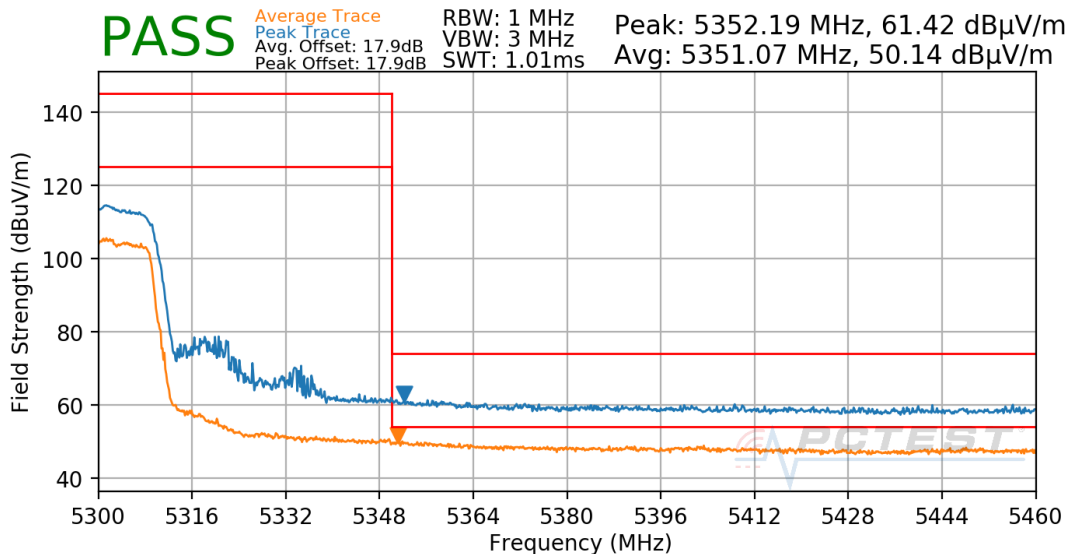
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 159 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5200MHz  
Channel: 40



**Plot 7-213. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)**

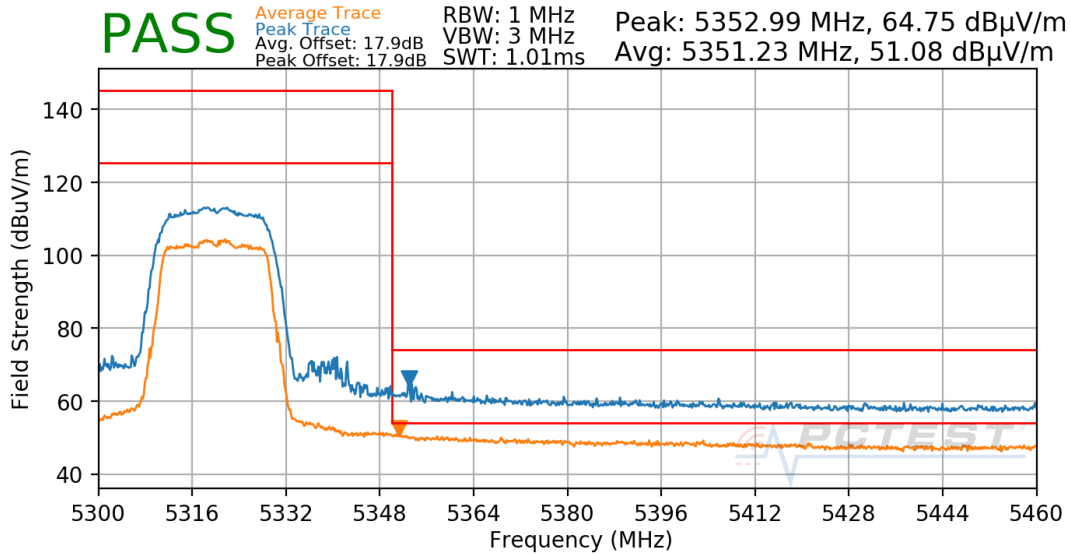
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5300MHz  
Channel: 60



**Plot 7-214. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

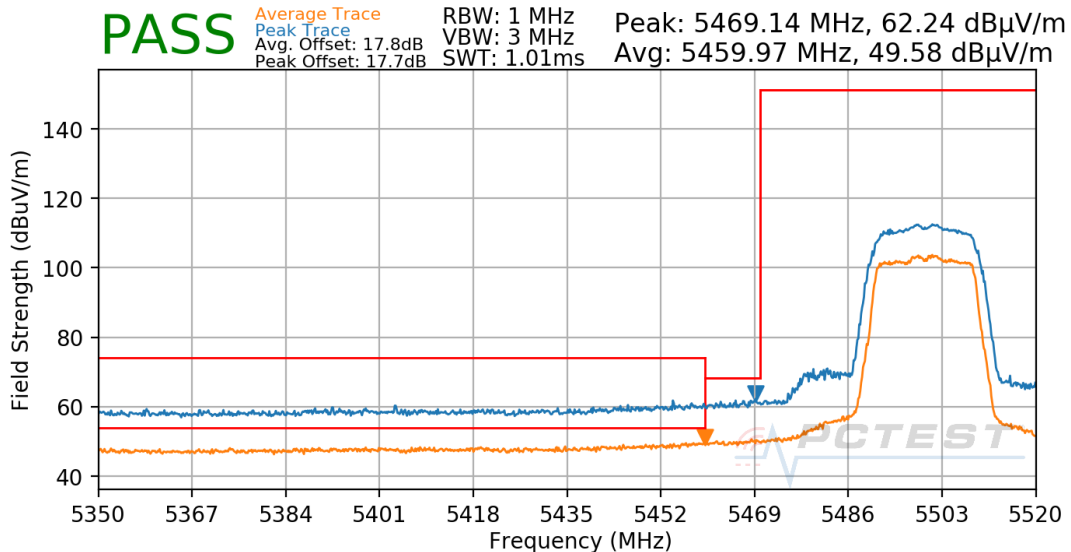
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 160 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5320MHz  
Channel: 64



Plot 7-215. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)

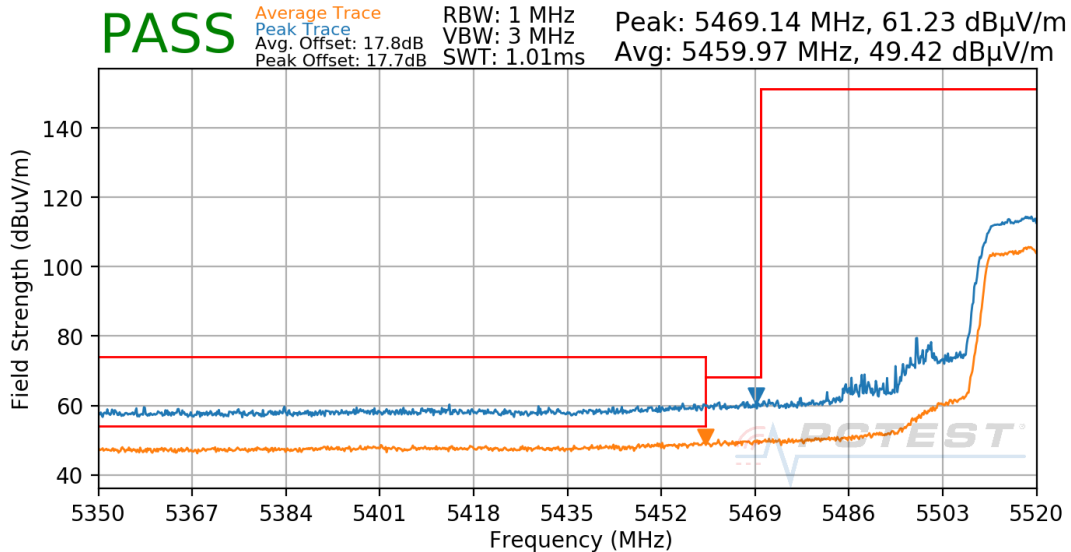
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5500MHz  
Channel: 100



Plot 7-216. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)

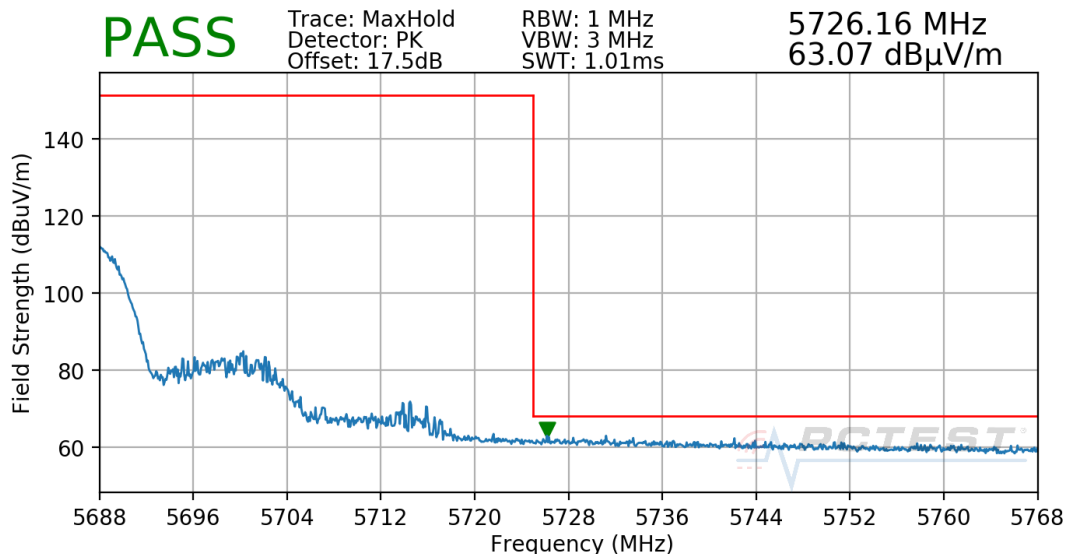
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 161 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5520MHz  
Channel: 104



Plot 7-217. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)

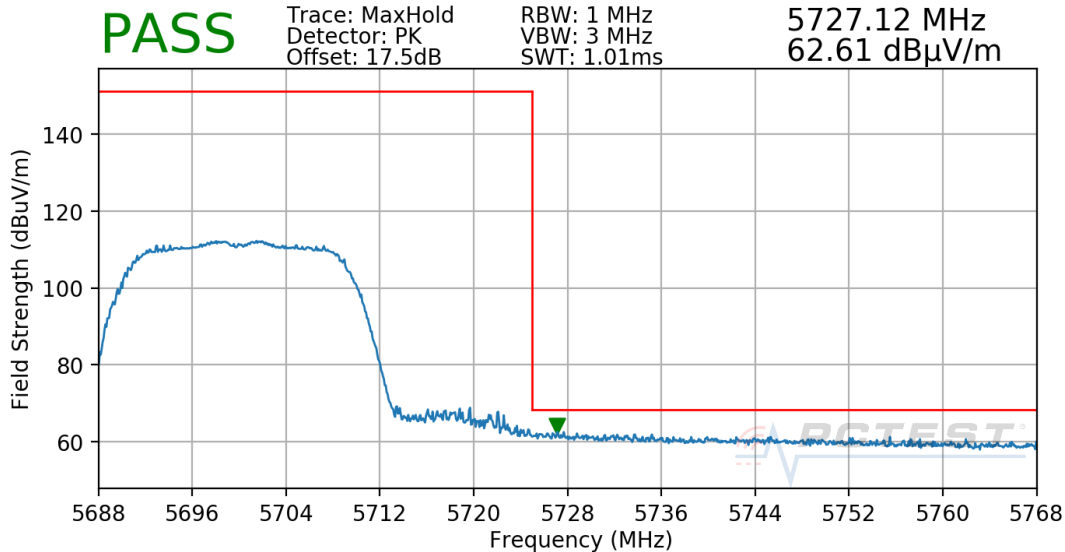
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5680MHz  
Channel: 136



Plot 7-218. Radiated Upper Band Edge Plot SISO CORE 0 (Peak - UNII Band 2C)

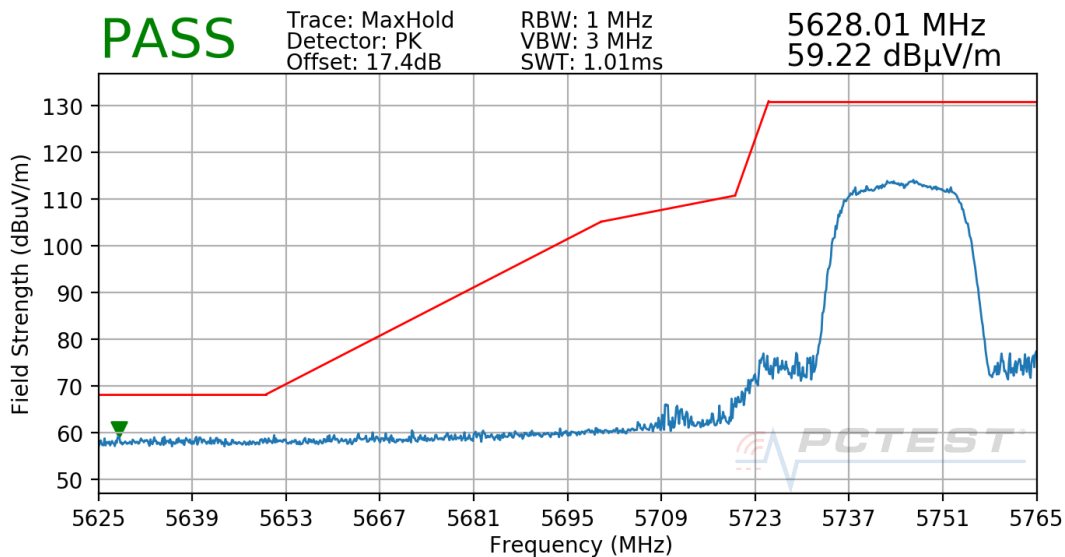
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 162 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5700MHz  
Channel: 140



**Plot 7-219. Radiated Upper Band Edge Plot SISO CORE 0 (Peak - UNII Band 2C)**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5745MHz  
Channel: 149

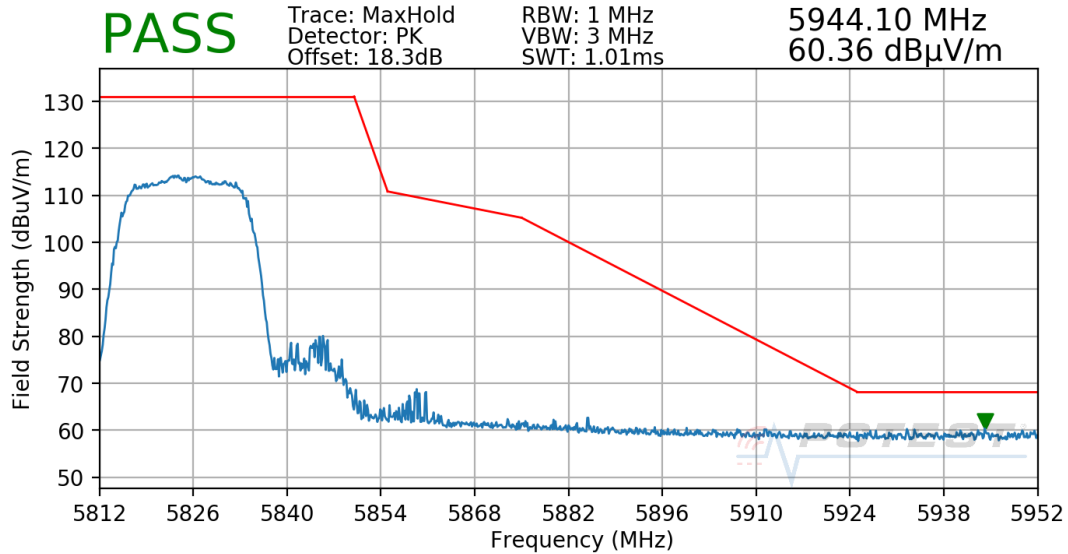


**Plot 7-220. Radiated Lower Band Edge Plot SISO CORE 0 (Peak - UNII Band 3)**

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 163 of 210                 |



Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5825MHz  
Channel: 165



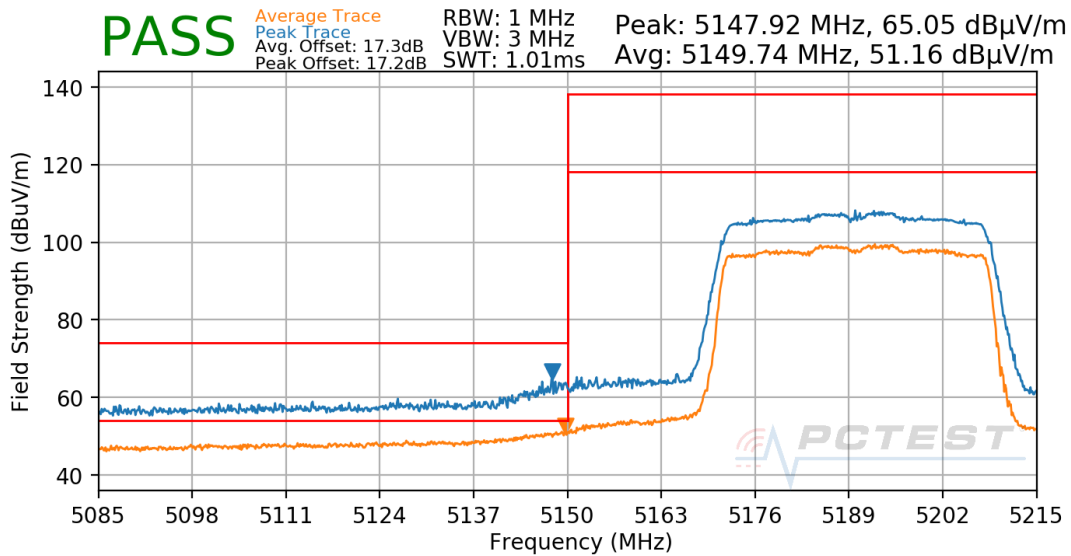
**Plot 7-221. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 164 of 210                 |

## 7.6.6 SISO Core-0 Radiated Band Edge Measurements (40MHz BW)

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

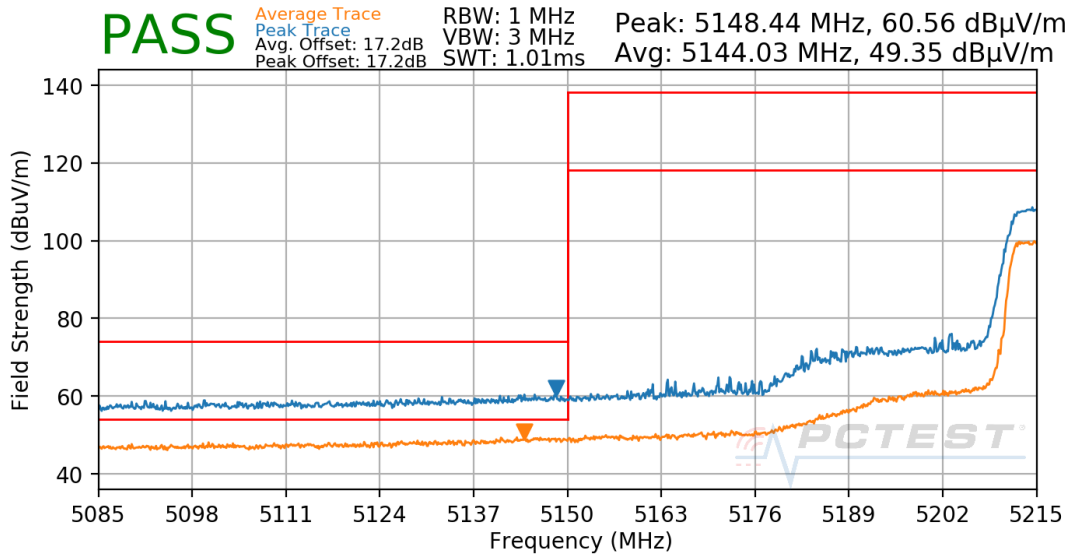
|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MSC0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5190MHz  |
| Channel:                  | 38       |



Plot 7-222. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)

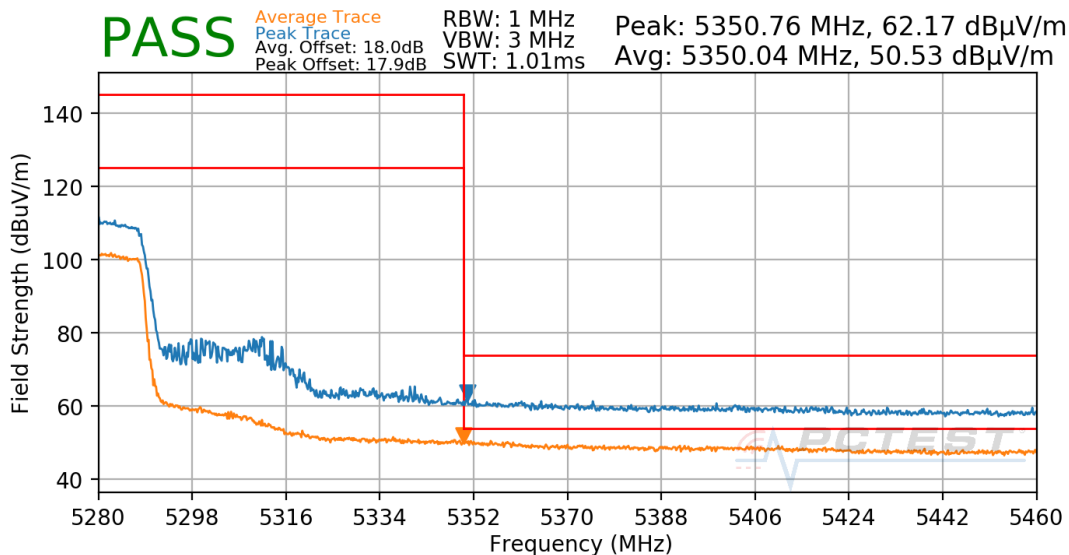
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 165 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5230MHz  
Channel: 46



**Plot 7-223. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)**

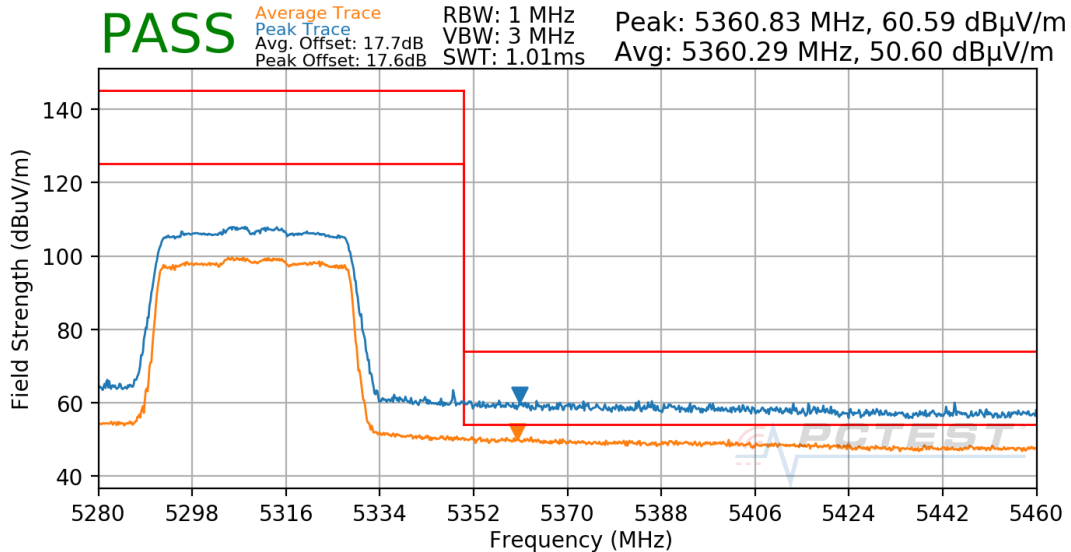
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5270MHz  
Channel: 54



**Plot 7-224. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

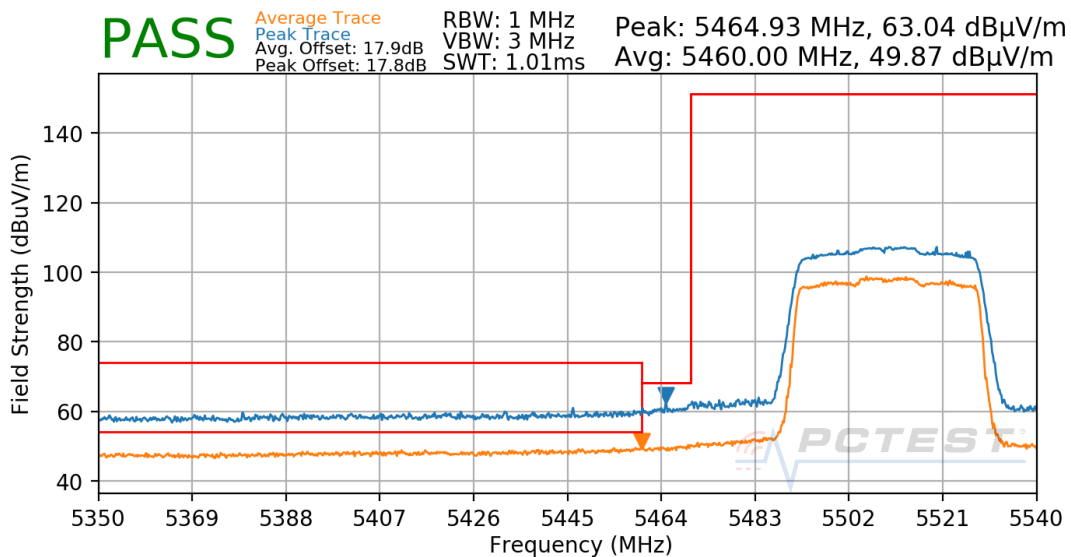
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 166 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5310MHz  
Channel: 62



Plot 7-225. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)

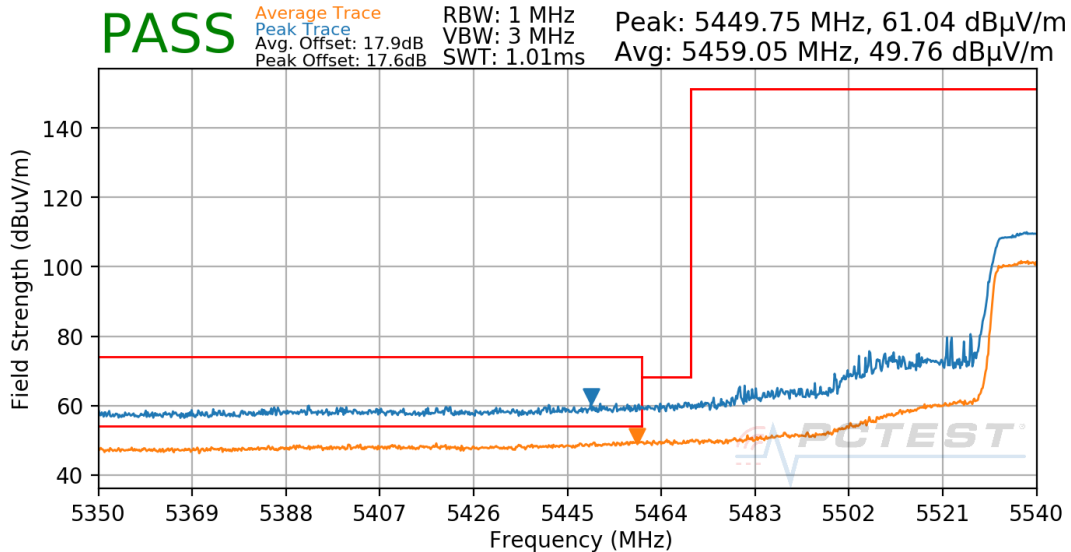
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5510MHz  
Channel: 102



Plot 7-226. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)

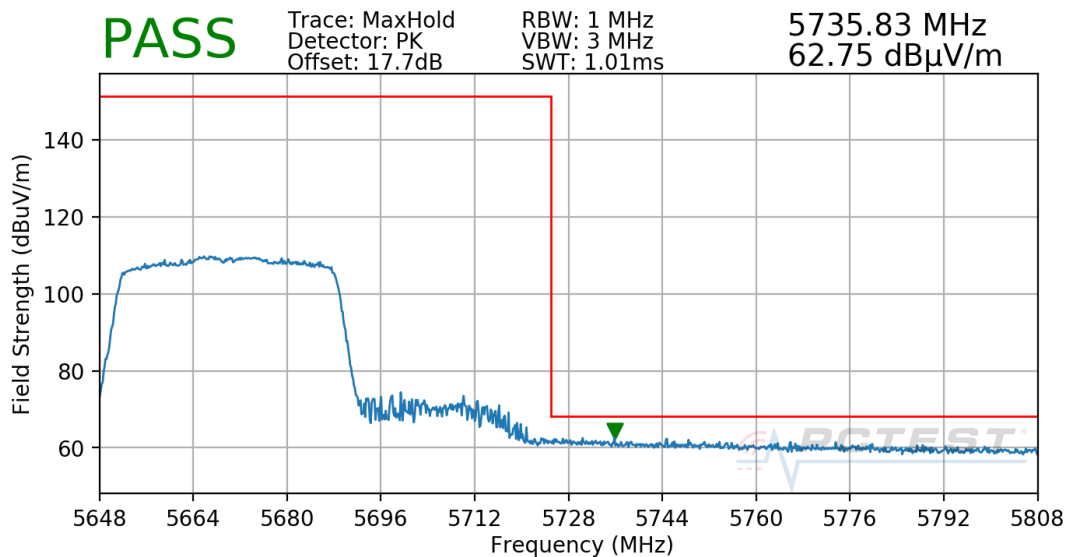
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 167 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5550MHz  
Channel: 110



Plot 7-227. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)

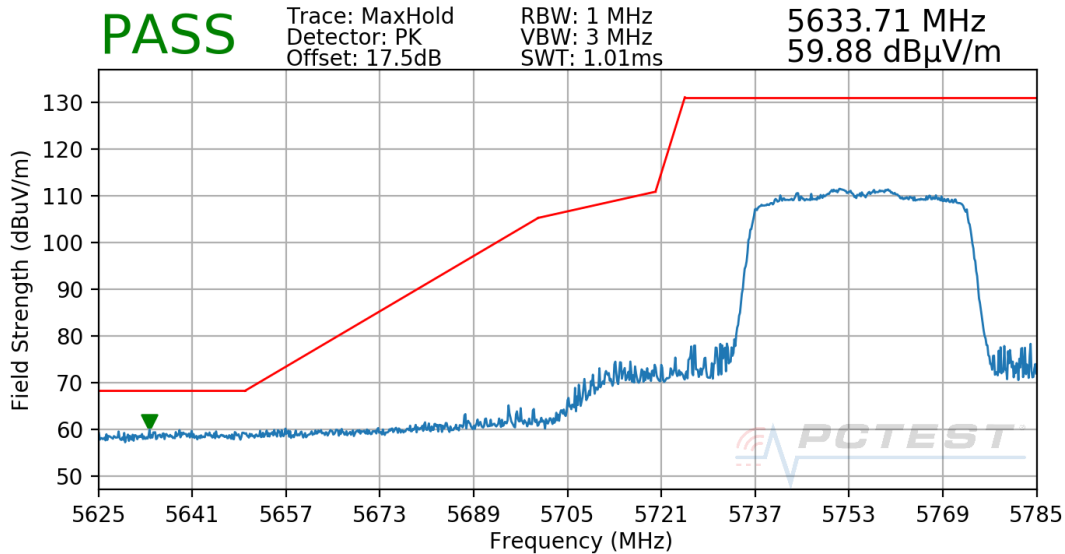
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5670MHz  
Channel: 134



Plot 7-228. Radiated Upper Band Edge Plot SISO CORE 0 (Peak - UNII Band 2C)

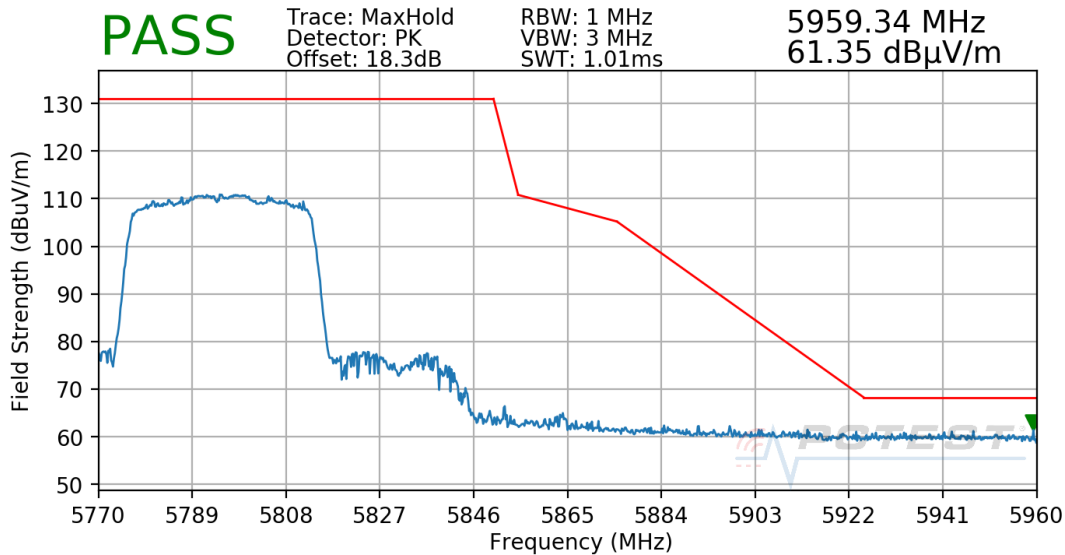
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 168 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5755MHz  
Channel: 151



**Plot 7-229. Radiated Lower Band Edge Plot SISO CORE 0 (Peak - UNII Band 3)**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5795MHz  
Channel: 159



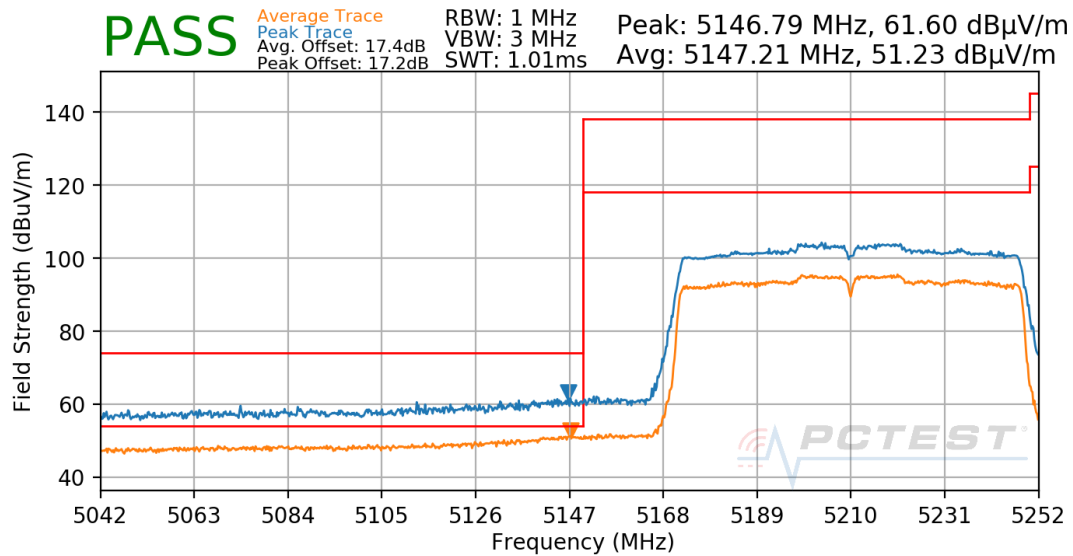
**Plot 7-230. Radiated Upper Band Edge Plot SISO CORE 0 (Peak - UNII Band 3)**

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 169 of 210                 |

## 7.6.7 SISO Core-0 Radiated Band Edge Measurements (80MHz BW)

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

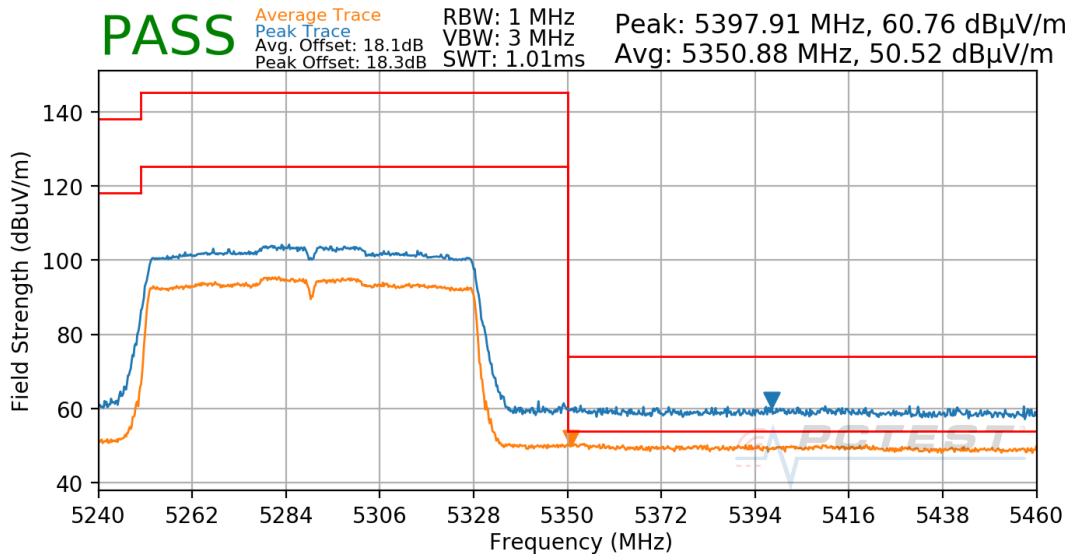
|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11ac |
| Worst Case Transfer Rate: | MSC0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5210MHz  |
| Channel:                  | 42       |



Plot 7-231. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)

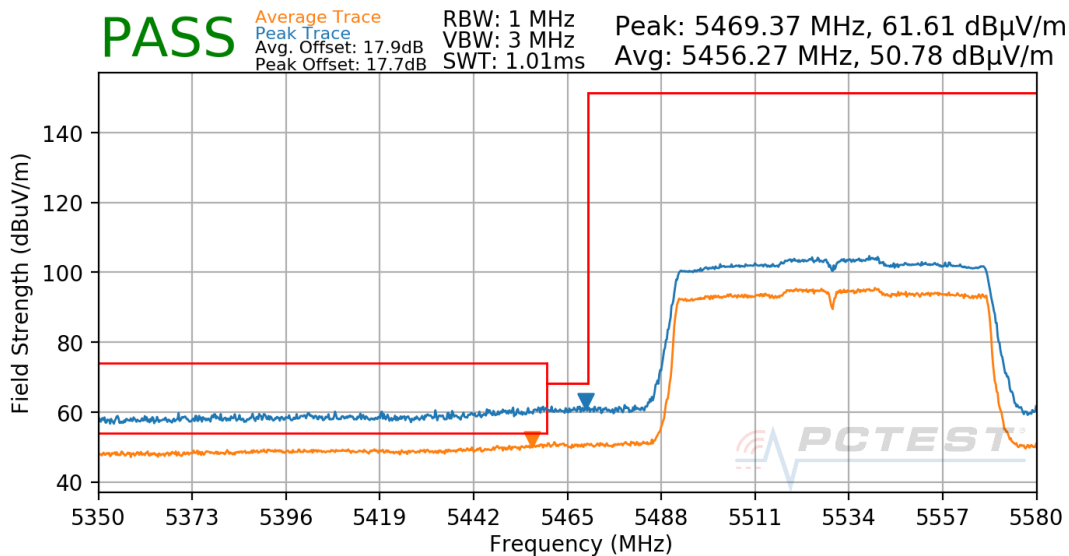
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 170 of 210                 |

Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5290MHz  
Channel: 58



**Plot 7-232. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5530MHz  
Channel: 106

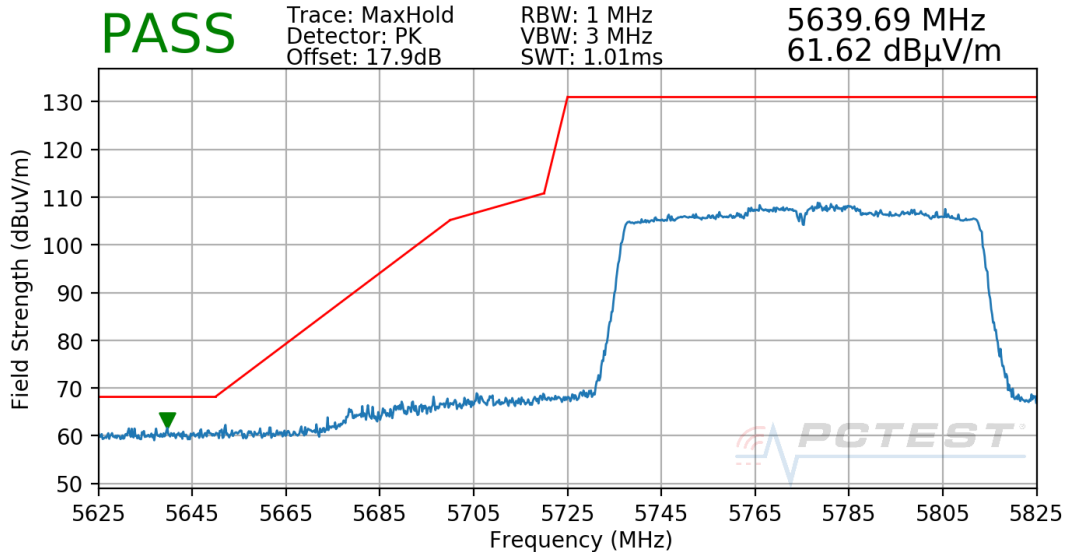


**Plot 7-233. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 171 of 210                 |

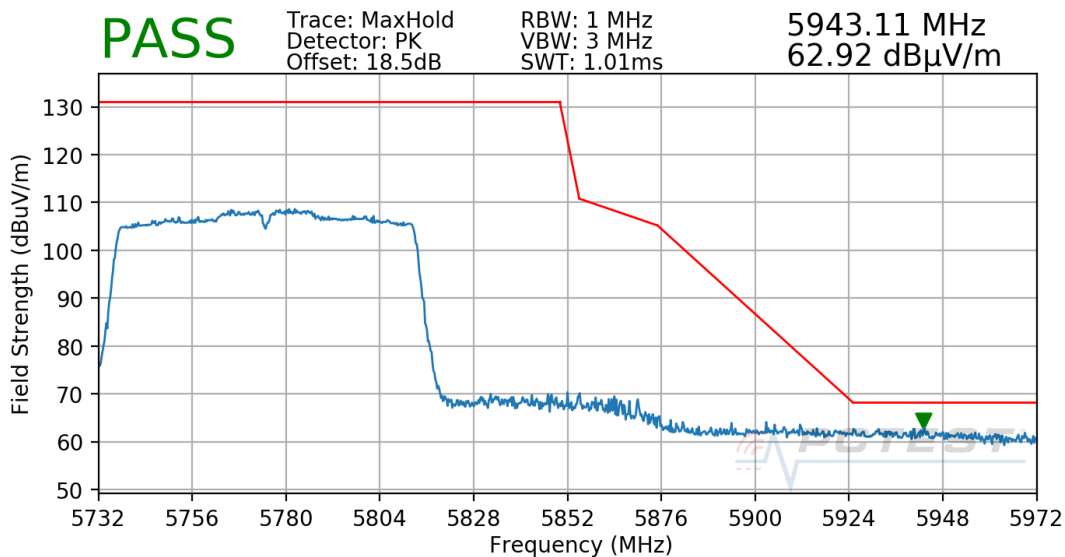


Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5775MHz  
Channel: 155



**Plot 7-234. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5775MHz  
Channel: 155



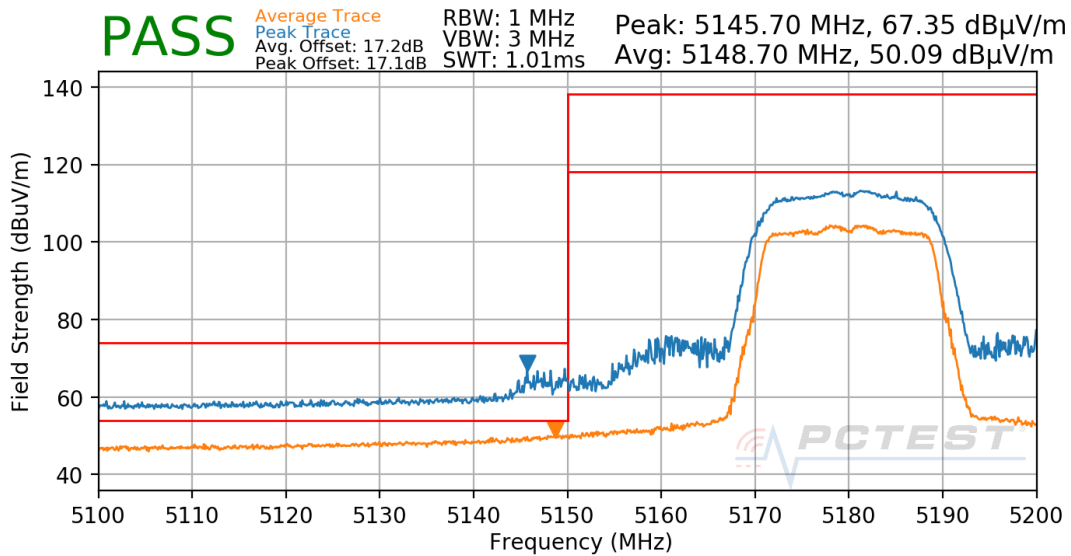
**Plot 7-235. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 172 of 210                 |

## 7.6.8 SISO Core-1 Radiated Band Edge Measurements (20MHz BW)

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

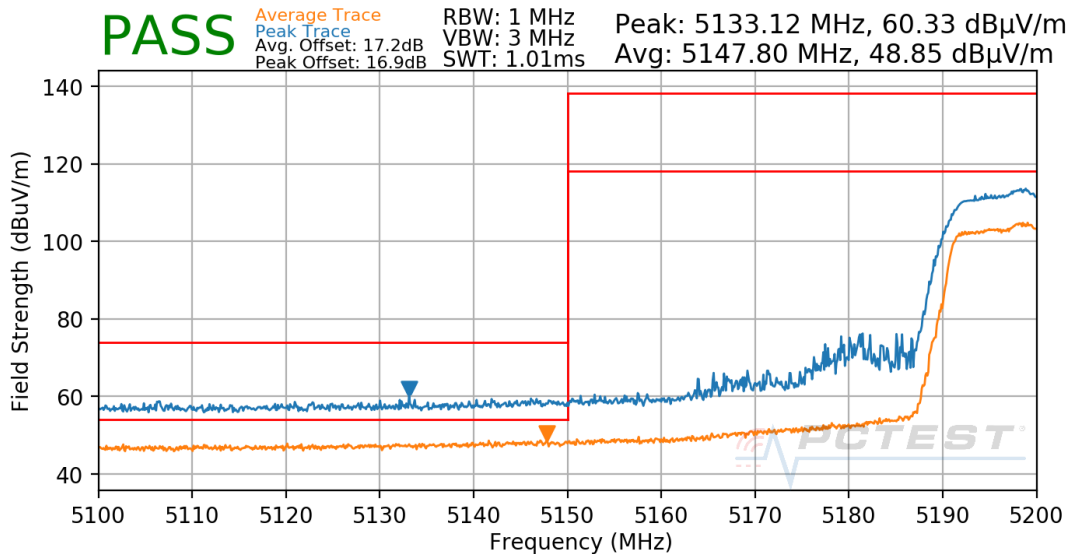
|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MSC0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |



Plot 7-236. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 1)

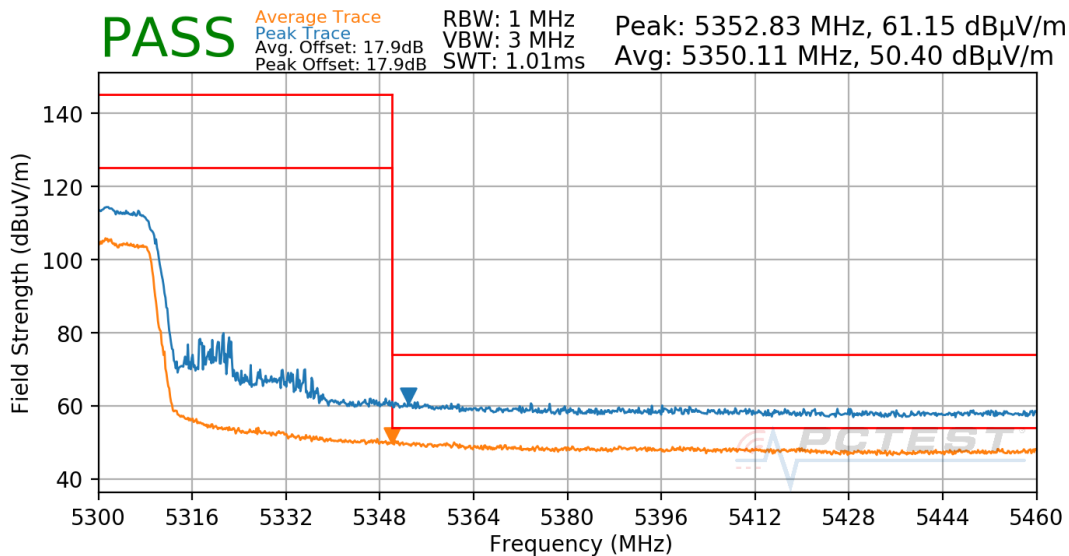
|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 173 of 210                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5200MHz  
Channel: 40



**Plot 7-237. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 1)**

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MSC0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5300MHz  
Channel: 60



**Plot 7-238. Radiated Upper Band Edge Plot SISO CORE 1 (UNII Band 2A)**

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2429                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270034-09.BCG | Test Dates:<br>05/01/2020 - 07/29/2020       | EUT Type:<br>Tablet Device            | Page 174 of 210                 |