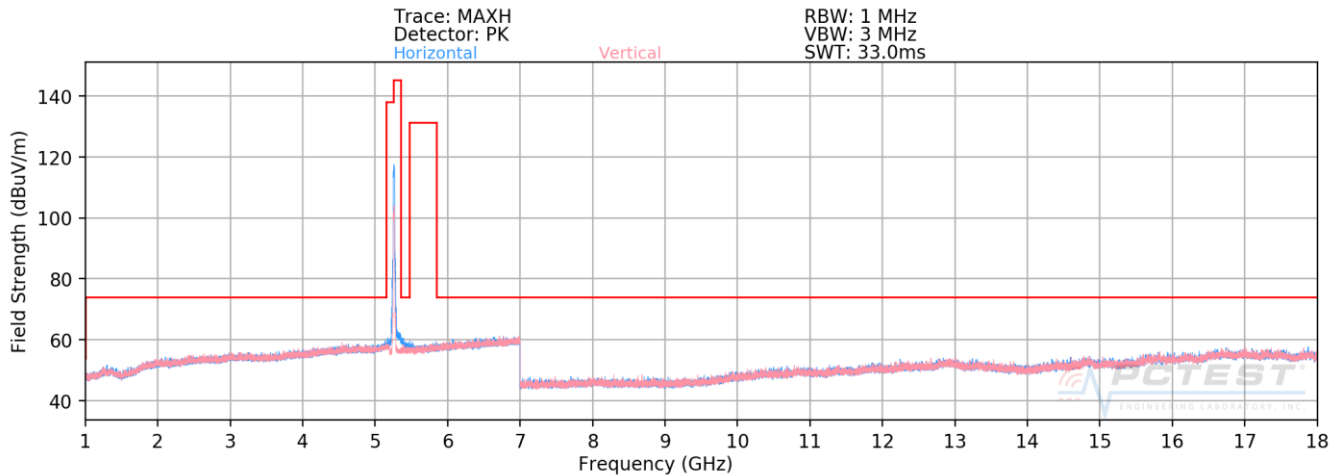
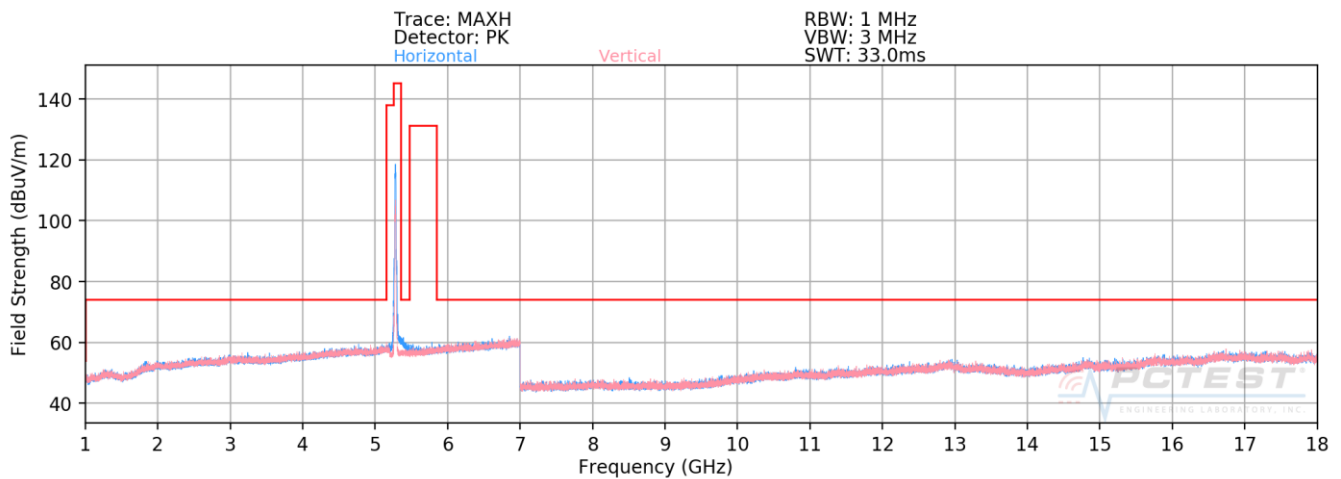
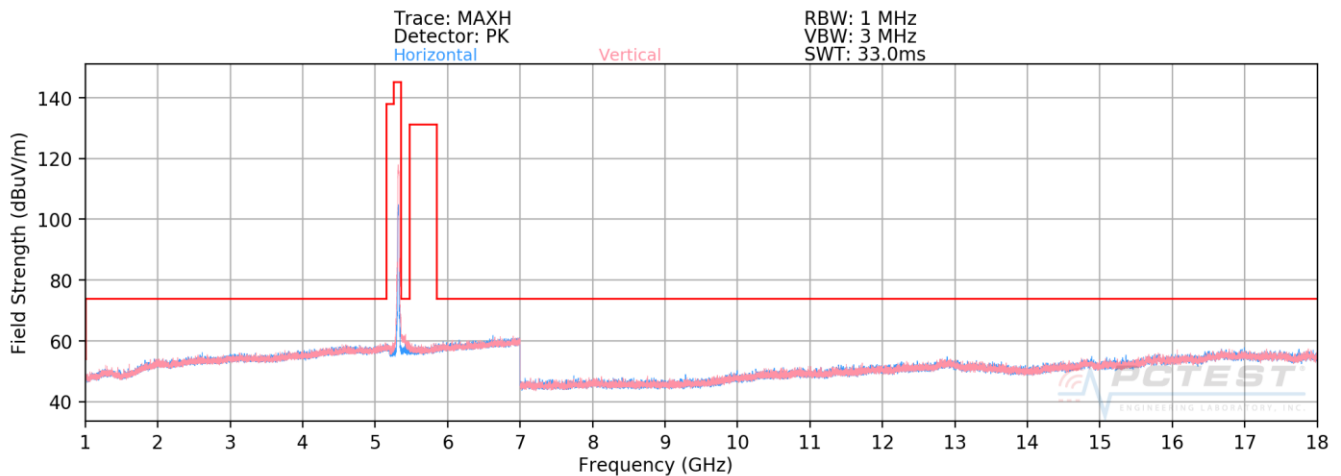




**Plot 7-195. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 52)**

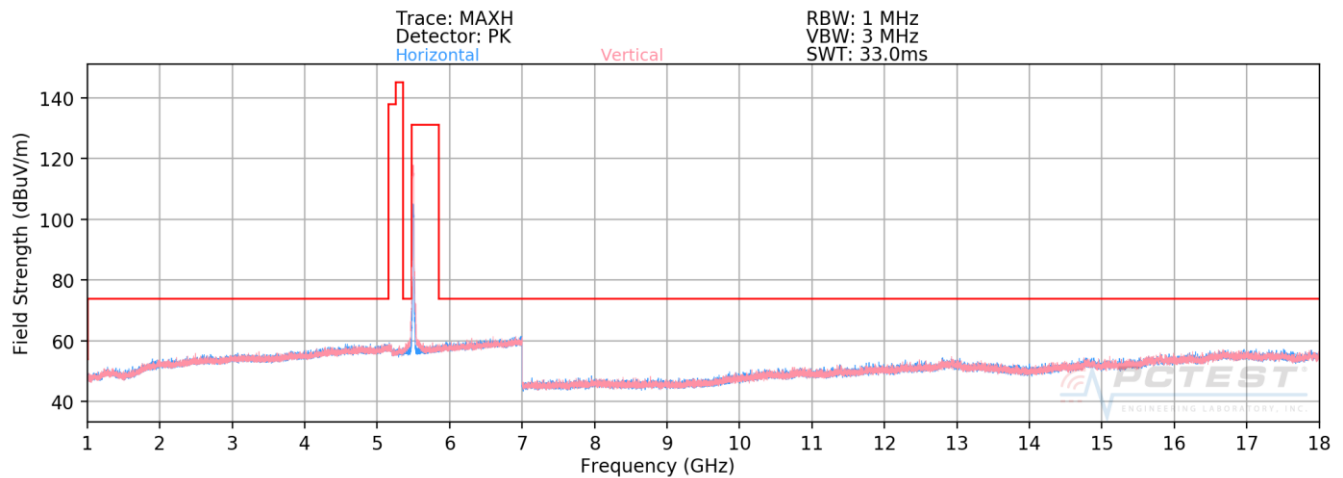


**Plot 7-196. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 56)**

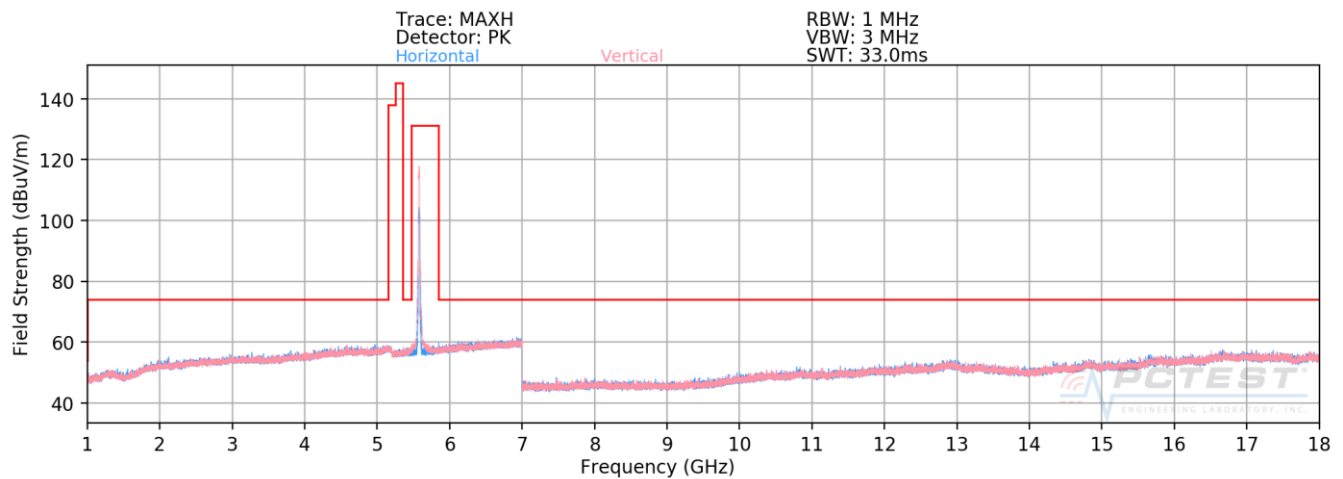


**Plot 7-197. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 64)**

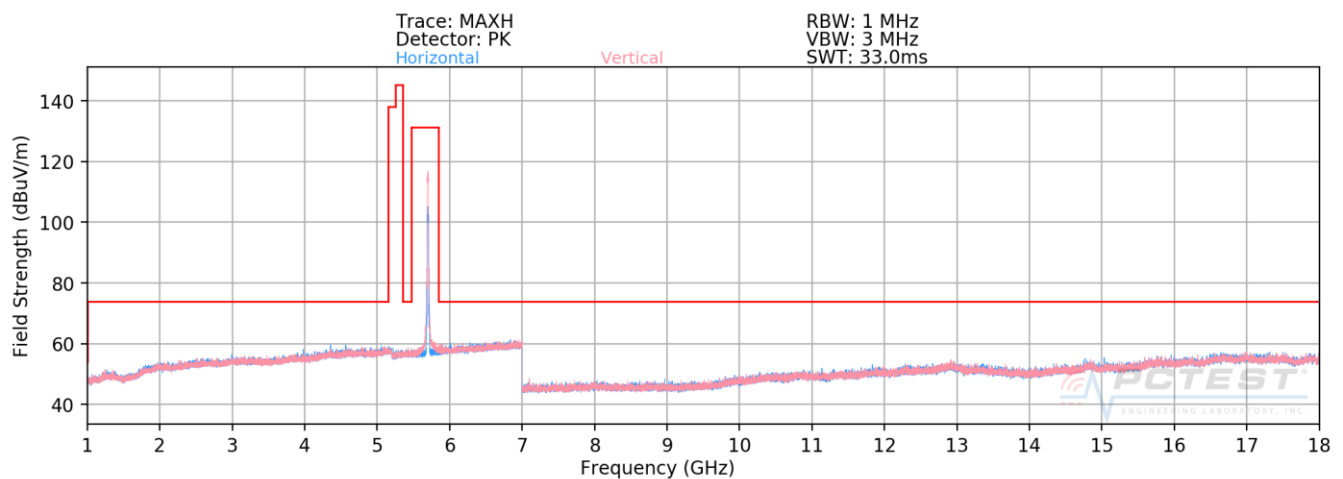
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                              | EUT Type:<br>Tablet Device            | Page 147 of 204                 |



**Plot 7-198. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 100)**

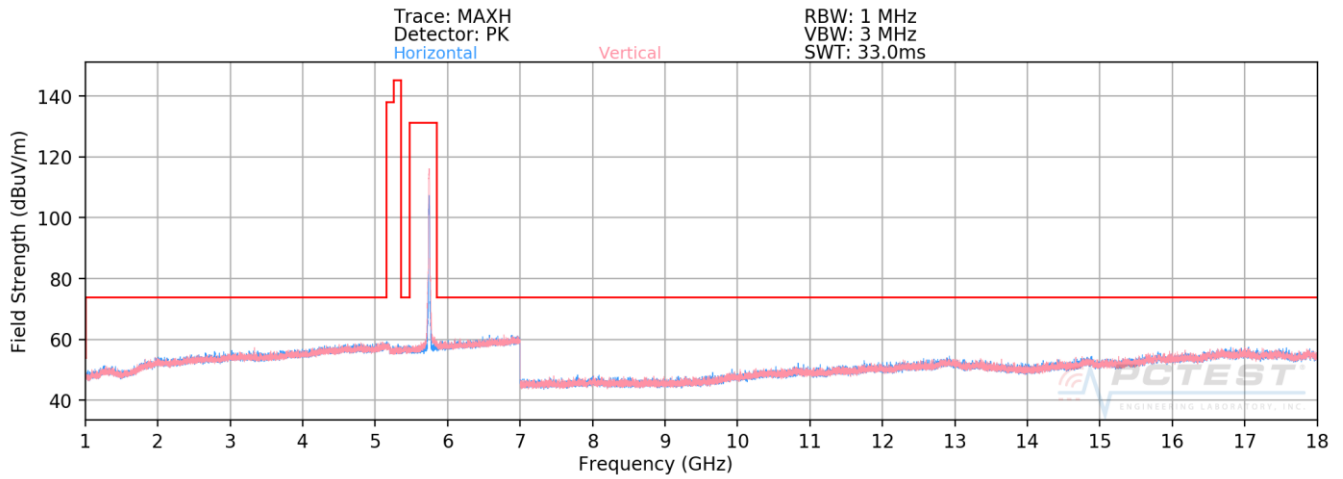


**Plot 7-199. Radiated Spurious Plot above 1GHz SDM (802.11n – U2C Ch. 116)**

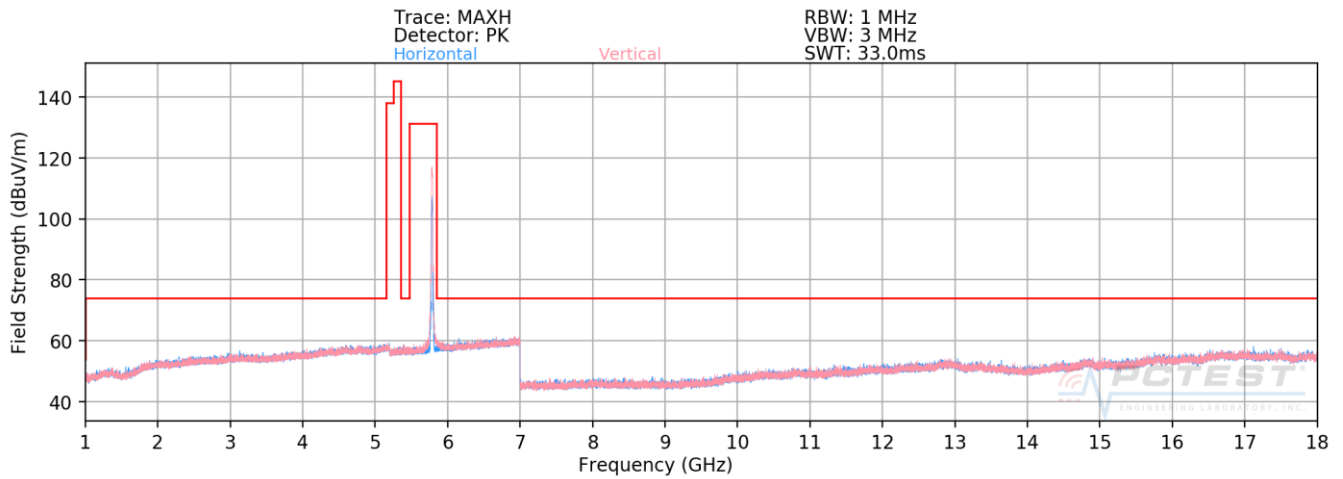


**Plot 7-200. Radiated Spurious Plot above 1GHz SDM (802.11n – U2C Ch. 144)**

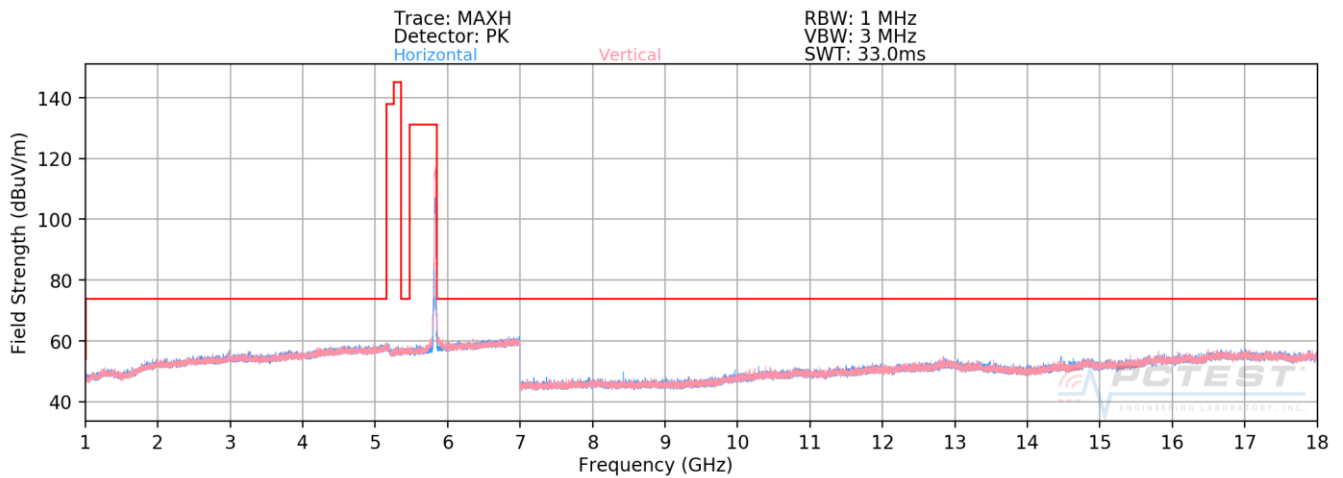
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                              | EUT Type:<br>Tablet Device            | Page 148 of 204                 |



**Plot 7-201. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 149)**



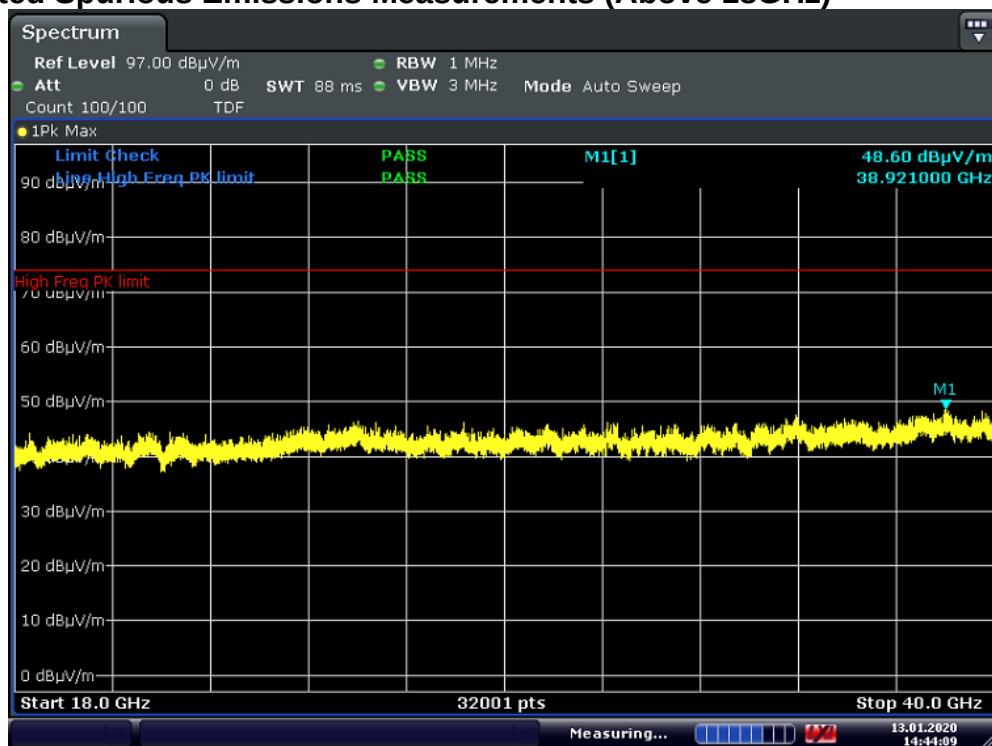
**Plot 7-202. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 157)**



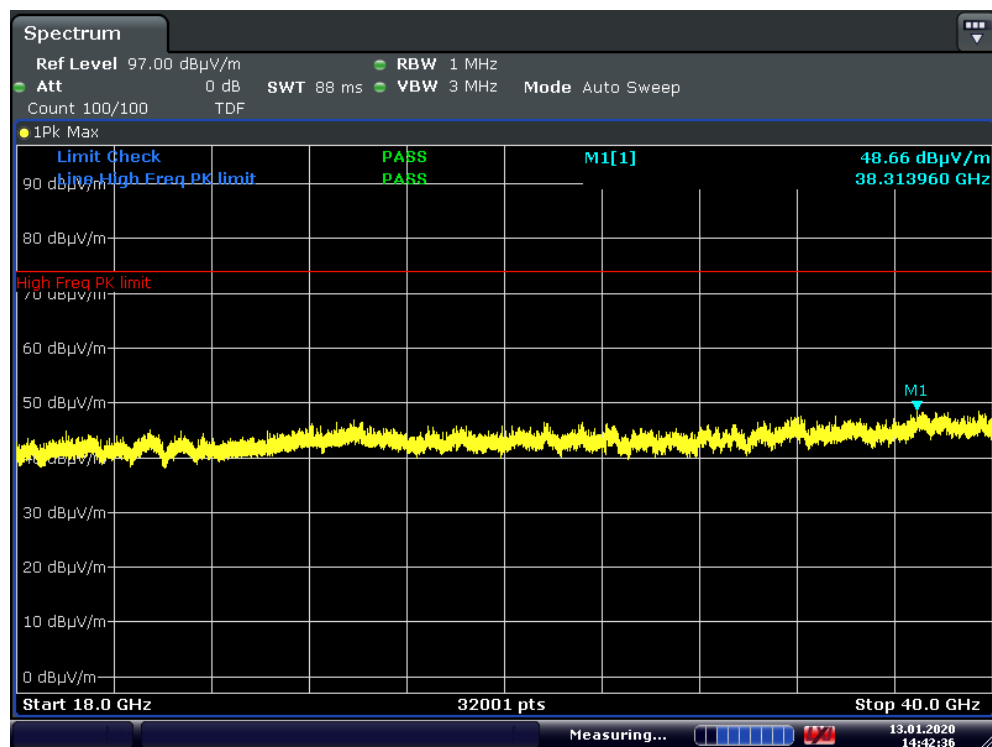
**Plot 7-203. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 165)**

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                              | EUT Type:<br>Tablet Device            | Page 149 of 204                 |

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



Plot 7-204. Radiated Spurious Plot above 18GHz – 40GHz CDD (802.11n – Ch.36, Pol. H)



Plot 7-205. Radiated Spurious Plot above 18GHz - 40GHz CDD (802.11n – Ch.36, Pol. V)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                              | EUT Type:<br>Tablet Device            | Page 150 of 204                 |

## 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: 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     | H               | -                   | -                          | -71.22               | 14.34       | 50.12                   | 68.20          | -18.08      |
| 15540.00        | Average  | H               | -                   | -                          | -85.01               | 20.37       | 42.36                   | 53.98          | -11.62      |
| 15540.00        | Peak     | H               | -                   | -                          | -73.83               | 20.37       | 53.54                   | 73.98          | -20.44      |

Table 7-60. Radiated Measurements CDD

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
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               | -                   | -                          | -71.85               | 14.43       | 49.58                   | 68.20          | -18.62      |
| 15600.00        | Average  | H               | -                   | -                          | -84.51               | 20.56       | 43.05                   | 53.98          | -10.93      |
| 15600.00        | Peak     | H               | -                   | -                          | -73.10               | 20.56       | 54.46                   | 73.98          | -19.52      |

Table 7-61. Radiated Measurements CDD

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                        | EUT Type:<br>Tablet Device | Page 151 of 204                 |

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
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               | -                   | -                          | -71.42               | 14.63       | 50.21                   | 68.20          | -17.99      |
| 15720.00        | Average  | H               | -                   | -                          | -82.97               | 21.60       | 45.63                   | 53.98          | -8.35       |
| 15720.00        | Peak     | H               | -                   | -                          | -71.50               | 21.60       | 57.10                   | 73.98          | -16.88      |

Table 7-62. Radiated Measurements CDD

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
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               | 14.85       | 50.52                   | 68.20          | -17.68      |
| 15780.00        | Average  | H               | -                   | -                          | -85.06               | 21.89       | 43.83                   | 53.98          | -10.15      |
| 15780.00        | Peak     | H               | -                   | -                          | -74.12               | 21.89       | 54.77                   | 73.98          | -19.21      |

Table 7-63. Radiated Measurements CDD

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                              | EUT Type:<br>Tablet Device            | Page 152 of 204                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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               | -                   | -                          | -71.69               | 14.65       | 49.96                   | 68.20          | -18.24      |
| 15840.00        | Average  | H               | -                   | -                          | -85.22               | 21.53       | 43.31                   | 53.98          | -10.67      |
| 15840.00        | Peak     | H               | -                   | -                          | -74.23               | 21.53       | 54.30                   | 73.98          | -19.68      |

Table 7-64. Radiated Measurements CDD

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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               | -                   | -                          | -82.70               | 14.85       | 39.15                   | 53.98          | -14.83      |
| 10640.00        | Peak     | H               | -                   | -                          | -71.61               | 14.85       | 50.24                   | 73.98          | -23.74      |
| 15960.00        | Average  | H               | -                   | -                          | -84.77               | 21.74       | 43.97                   | 53.98          | -10.01      |
| 15960.00        | Peak     | H               | -                   | -                          | -73.43               | 21.74       | 55.31                   | 73.98          | -18.67      |

Table 7-65. Radiated Measurements CDD

|                                            |                                                                                                                                  |                            |                                 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                           | EUT Type:<br>Tablet Device | Page 153 of 204                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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               | -                   | -                          | -83.23               | 15.88       | 39.65                   | 53.98          | -14.33      |
| 11000.00        | Peak     | H               | -                   | -                          | -72.16               | 15.88       | 50.72                   | 73.98          | -23.26      |
| 16500.00        | Peak     | H               | -                   | -                          | -73.07               | 21.60       | 55.53                   | 68.20          | -12.67      |

Table 7-66. Radiated Measurements CDD

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS8  
 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               | -                   | -                          | -83.93               | 15.76       | 38.83                   | 53.98          | -15.15      |
| 11160.00        | Peak     | H               | -                   | -                          | -72.46               | 15.76       | 50.30                   | 73.98          | -23.68      |
| 16740.00        | Peak     | H               | -                   | -                          | -72.79               | 22.79       | 57.00                   | 68.20          | -11.20      |

Table 7-67. Radiated Measurements SDM

|                                            |                                                                                                                                  |                            |                                 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                           | EUT Type:<br>Tablet Device | Page 154 of 204                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS8  
 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               | -                   | -                          | -83.55               | 16.74       | 40.19                   | 53.98          | -13.79      |
| 11440.00        | Peak     | H               | -                   | -                          | -72.33               | 16.74       | 51.41                   | 73.98          | -22.57      |
| 17160.00        | Peak     | H               | -                   | -                          | -72.41               | 21.60       | 56.19                   | 68.20          | -12.01      |

Table 7-68. Radiated Measurements SDM

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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               | -                   | -                          | -83.68               | 16.37       | 39.69                   | 53.98          | -14.29      |
| 11490.00        | Peak     | H               | -                   | -                          | -72.24               | 16.37       | 51.13                   | 73.98          | -22.85      |
| 17235.00        | Peak     | H               | -                   | -                          | -72.81               | 22.25       | 56.44                   | 68.20          | -11.76      |

Table 7-69. Radiated Measurements CDD

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                        | EUT Type:<br>Tablet Device | Page 155 of 204                 |

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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               | -                   | -                          | -84.06               | 17.01       | 39.95                   | 53.98          | -14.03      |
| 11570.00        | Peak     | H               | -                   | -                          | -73.43               | 17.01       | 50.58                   | 73.98          | -23.40      |
| 17355.00        | Peak     | H               | -                   | -                          | -74.06               | 22.61       | 55.55                   | 68.20          | -12.65      |

Table 7-70. Radiated Measurements CDD

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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               | -                   | -                          | -84.21               | 16.45       | 39.24                   | 53.98          | -14.74      |
| 11650.00        | Peak     | H               | -                   | -                          | -72.96               | 16.45       | 50.49                   | 73.98          | -23.49      |
| 17475.00        | Peak     | H               | -                   | -                          | -73.71               | 21.94       | 55.23                   | 68.20          | -12.97      |

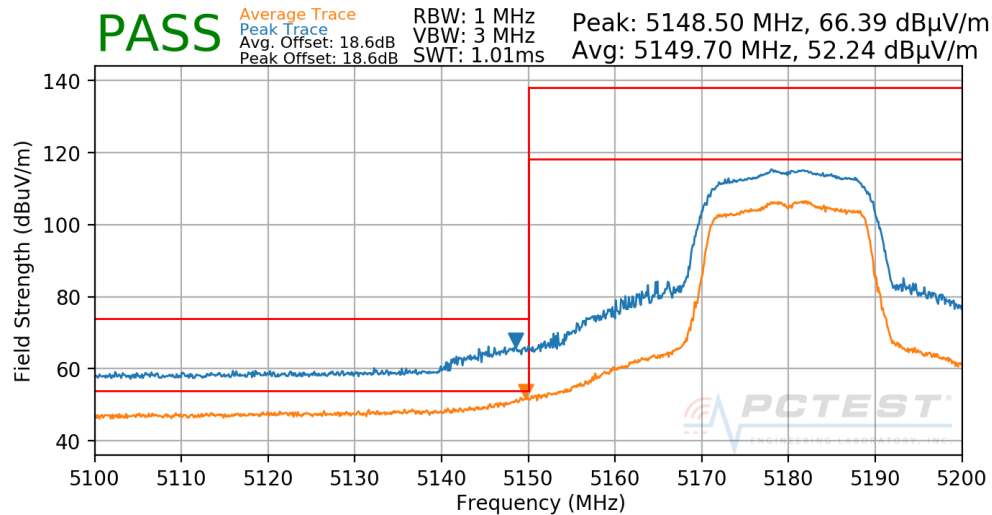
Table 7-71. Radiated Measurements CDD

|                                            |                                                                                                                                  |                            |                                 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                           | EUT Type:<br>Tablet Device | Page 156 of 204                 |

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

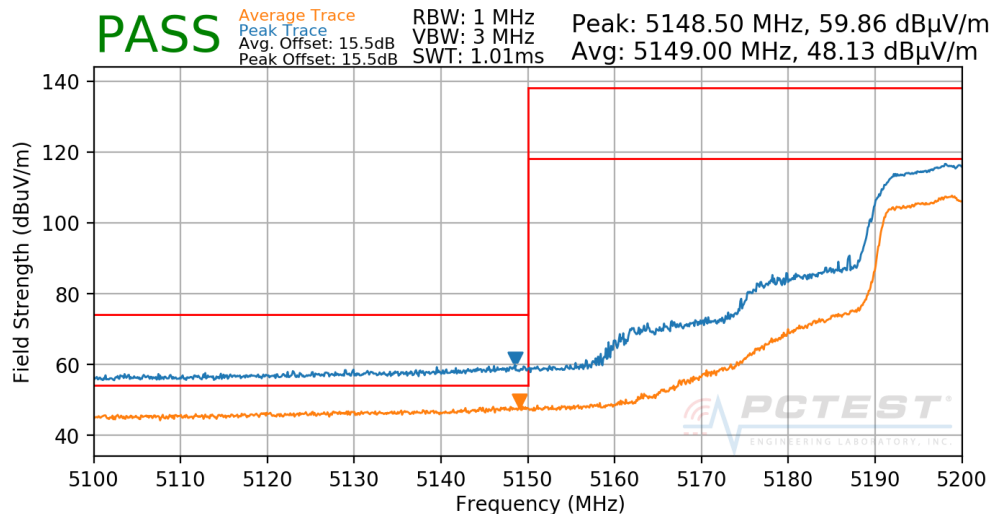
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |



Plot 7-206. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5200MHz  |
| Channel:                  | 40       |

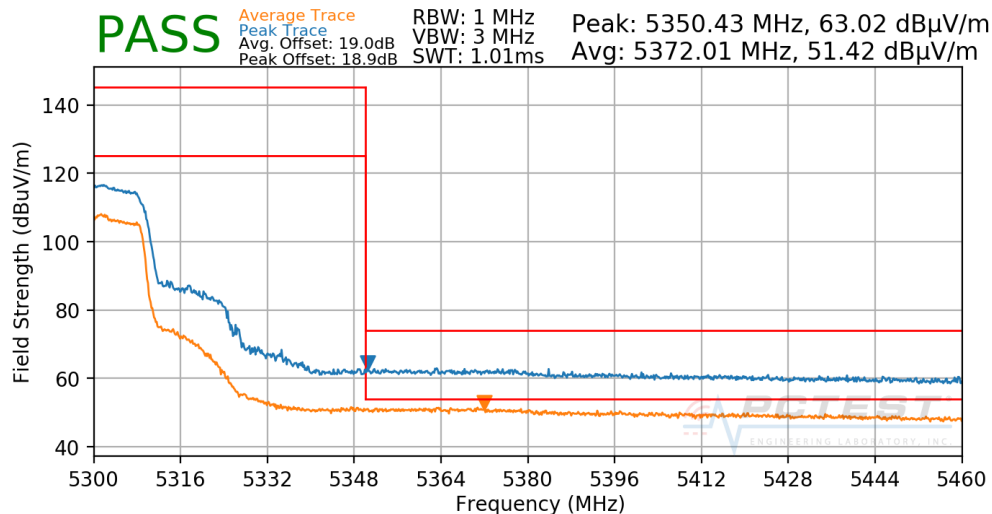


Plot 7-207. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                              | EUT Type:<br>Tablet Device            | Page 157 of 204                 |

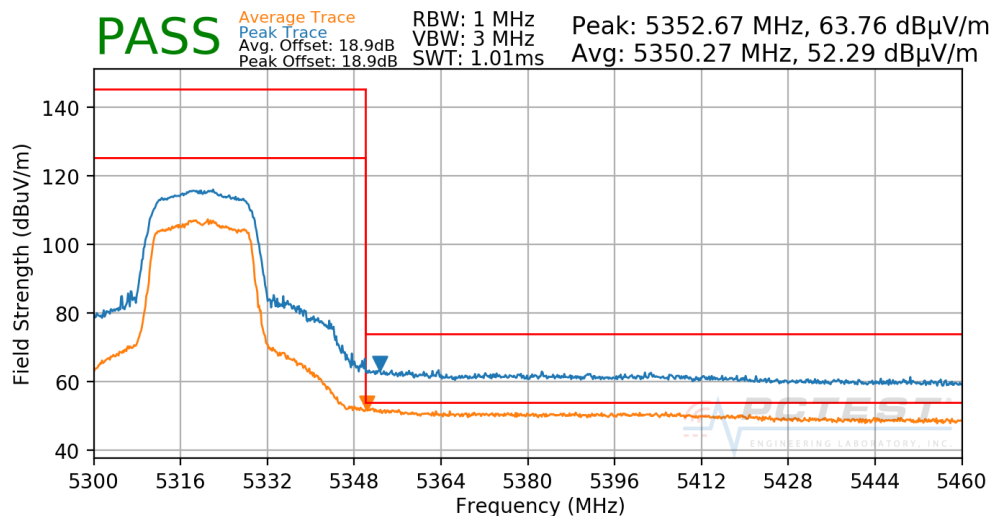


Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5300MHz  
 Channel: 60



**Plot 7-208. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64

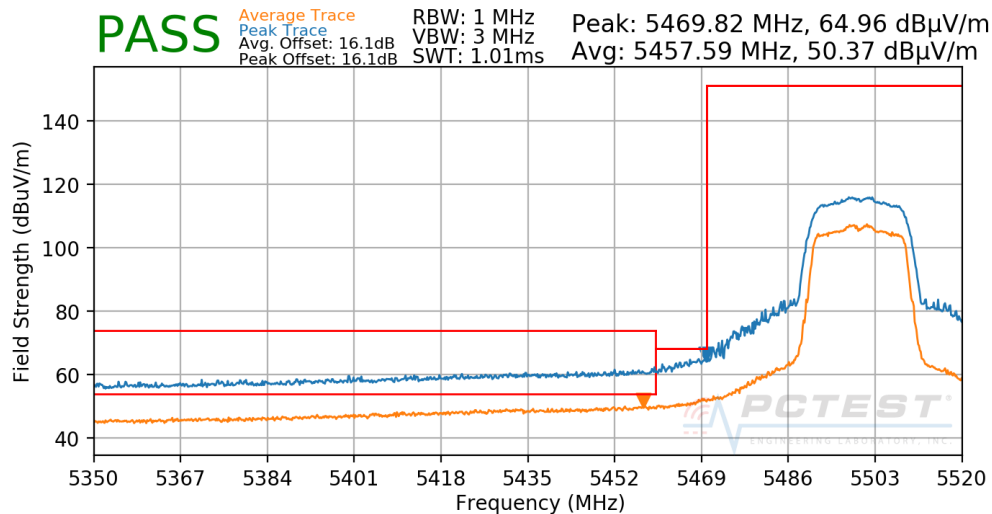


**Plot 7-209. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)**

|                                            |                                              |                            |                                 |
|--------------------------------------------|----------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020       | EUT Type:<br>Tablet Device | Page 158 of 204                 |

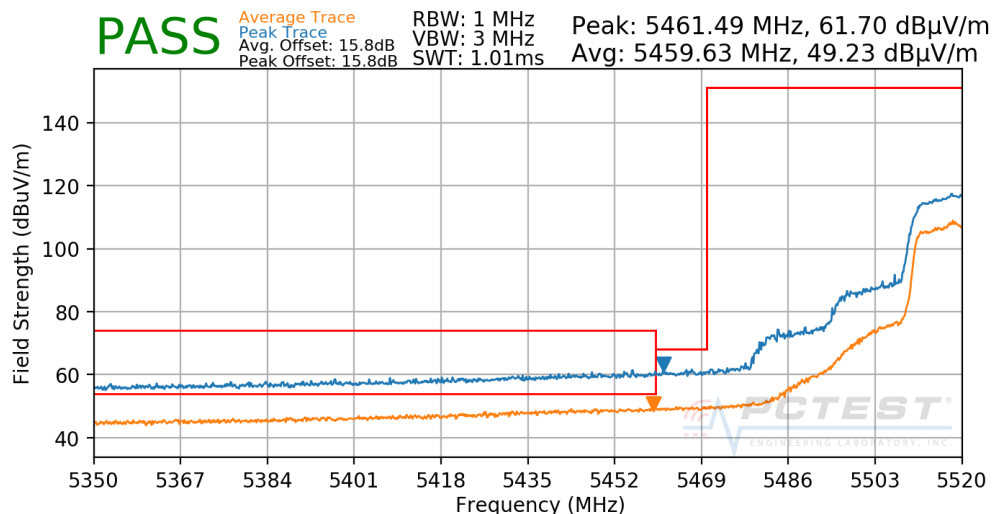


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5500MHz  
Channel: 100



Plot 7-210. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 2C)

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5520MHz  
Channel: 104



Plot 7-211. Radiated Upper Band Edge Plot SISO CORE0 (Peak - UNII Band 2C)

|                                            |                                               |                            |                                 |
|--------------------------------------------|-----------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020        | EUT Type:<br>Tablet Device | Page 159 of 204                 |

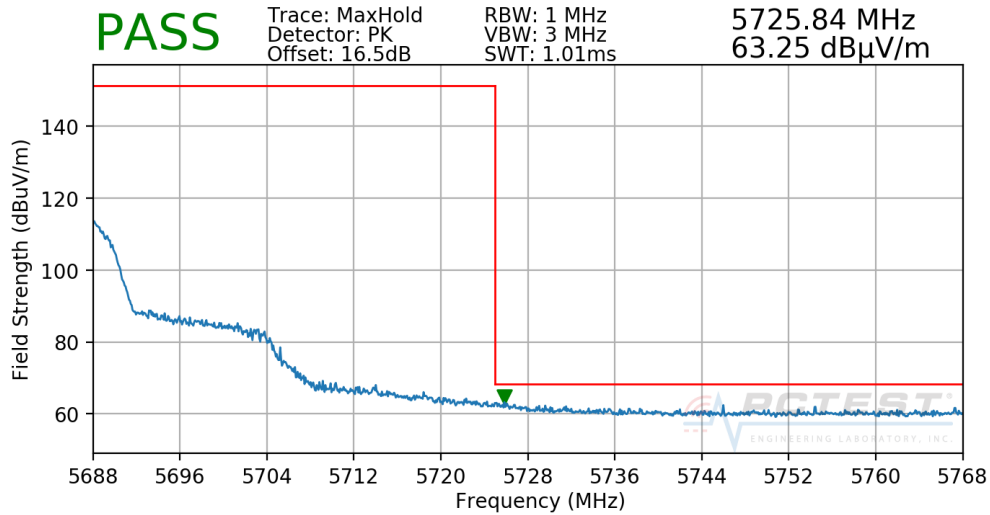
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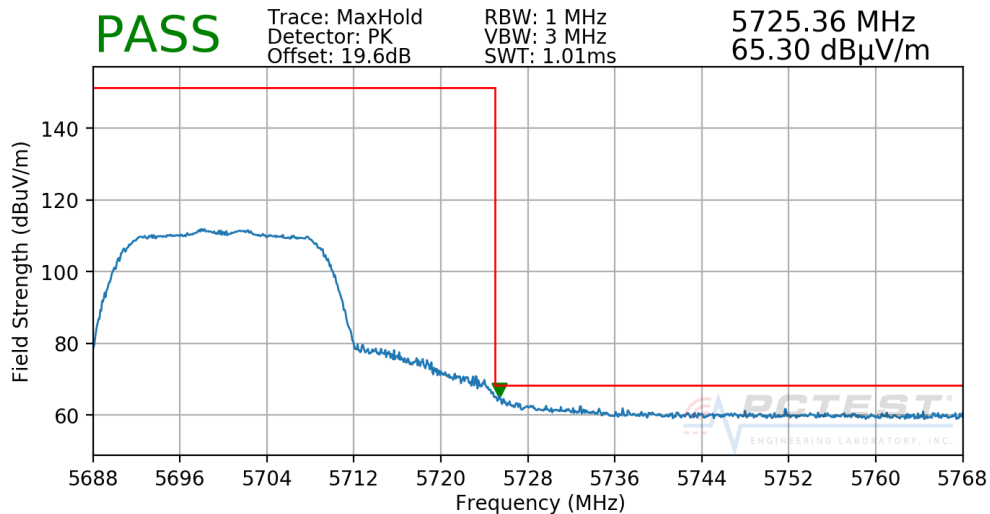


Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5680MHz  
 Channel: 136



**Plot 7-212. Radiated Upper Band Edge Plot SISO CORE0 (Peak - UNII Band 2C)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5700MHz  
 Channel: 140



**Plot 7-213. Radiated Upper Band Edge Plot SISO CORE0 (Peak - UNII Band 2C)**

|                                            |                                           |                            |                                 |
|--------------------------------------------|-------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020    | EUT Type:<br>Tablet Device | Page 160 of 204                 |

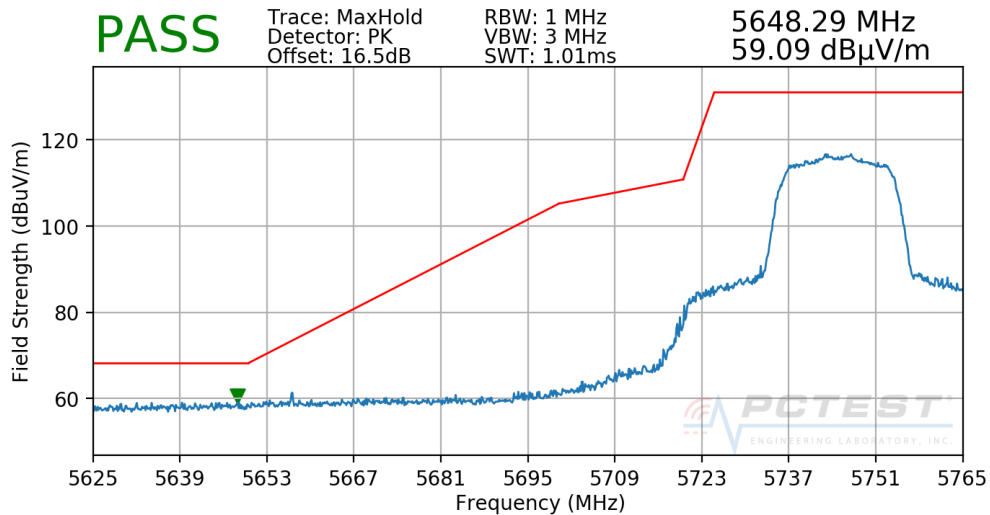
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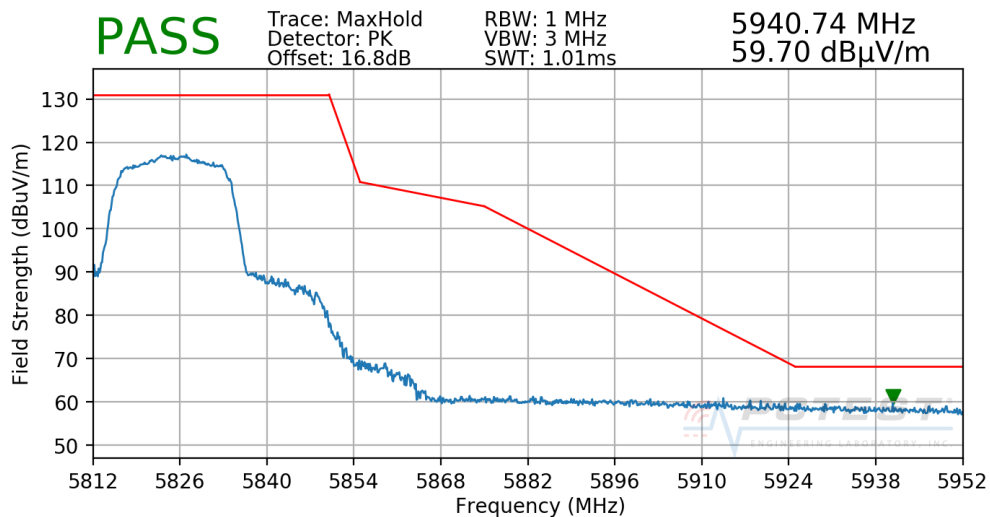


Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5745MHz  
 Channel: 149



**Plot 7-214. Radiated Lower Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165



**Plot 7-215. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

|                                            |                                           |                            |                                 |
|--------------------------------------------|-------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020    | EUT Type:<br>Tablet Device | Page 161 of 204                 |

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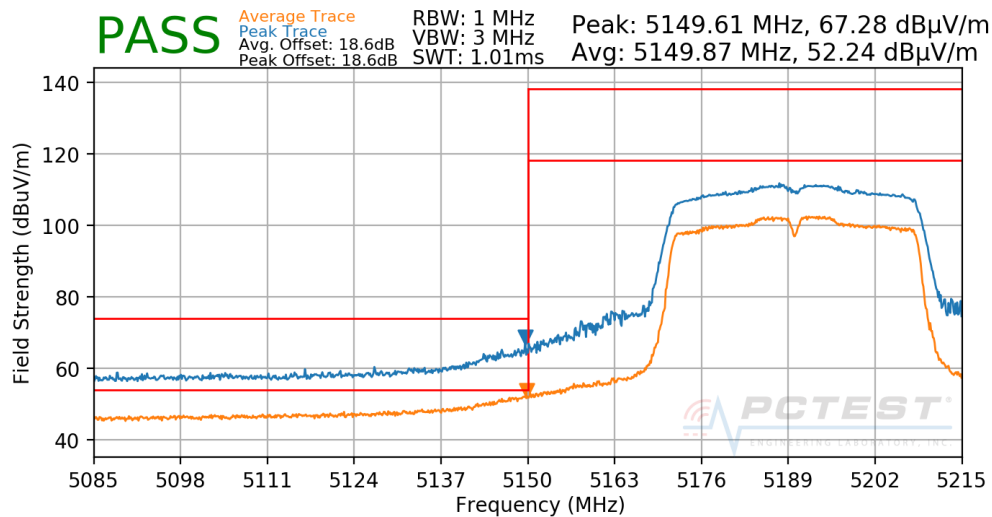
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## 7.6.5 SISO Core-0 Radiated Band Edge Measurements (40MHz BW)

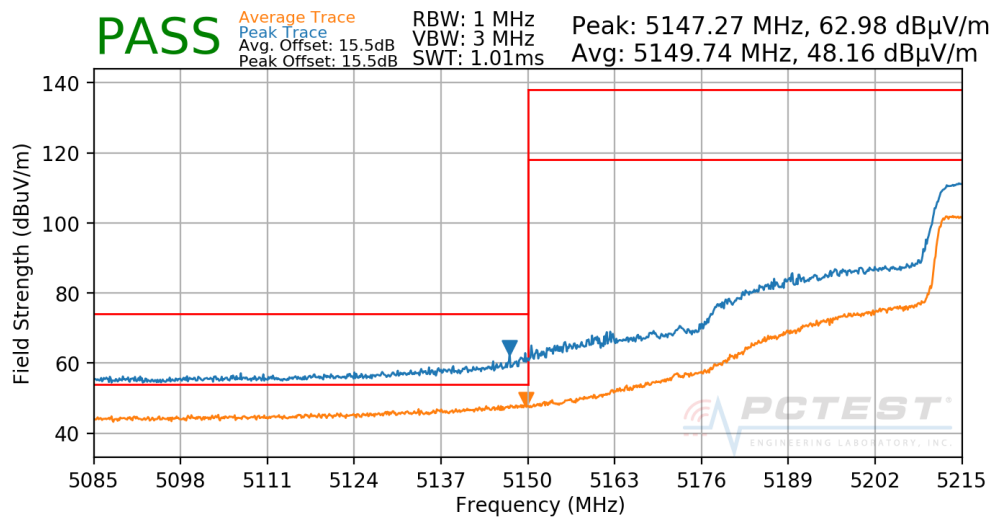
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5190MHz  |
| Channel:                  | 38       |



Plot 7-216. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5230MHz  |
| Channel:                  | 46       |

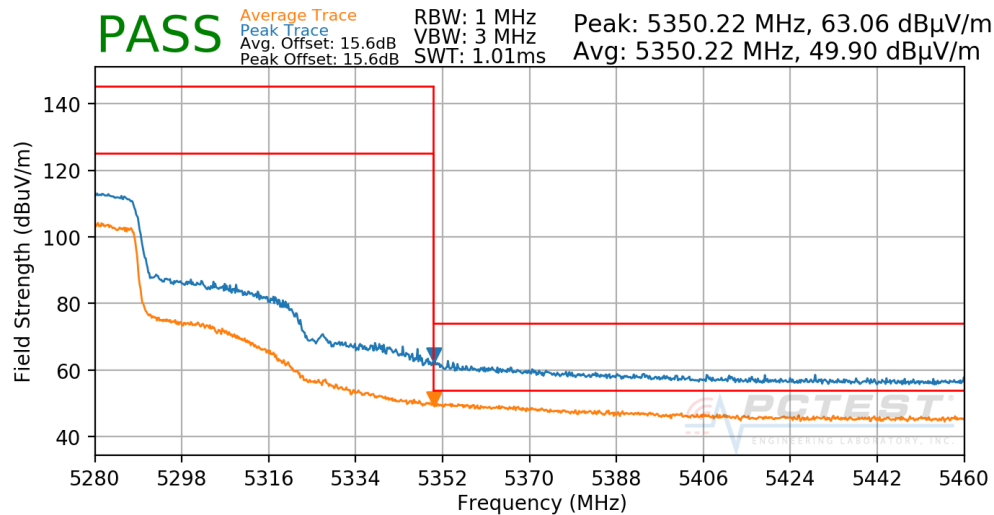


Plot 7-217. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

|                                            |                                                                                                                           |                            |                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                    | EUT Type:<br>Tablet Device | Page 162 of 204                 |

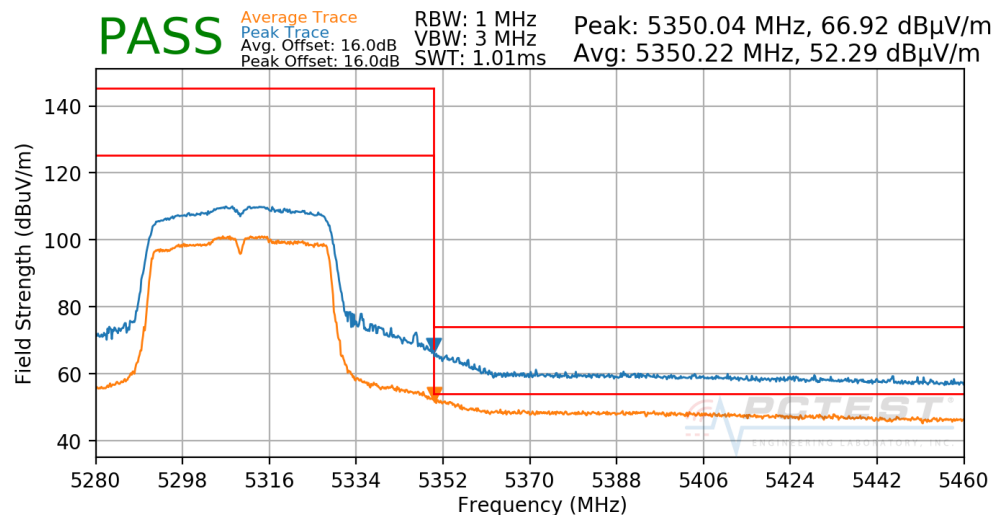


Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5270MHz  
 Channel: 54



Plot 7-218. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5310MHz  
 Channel: 62

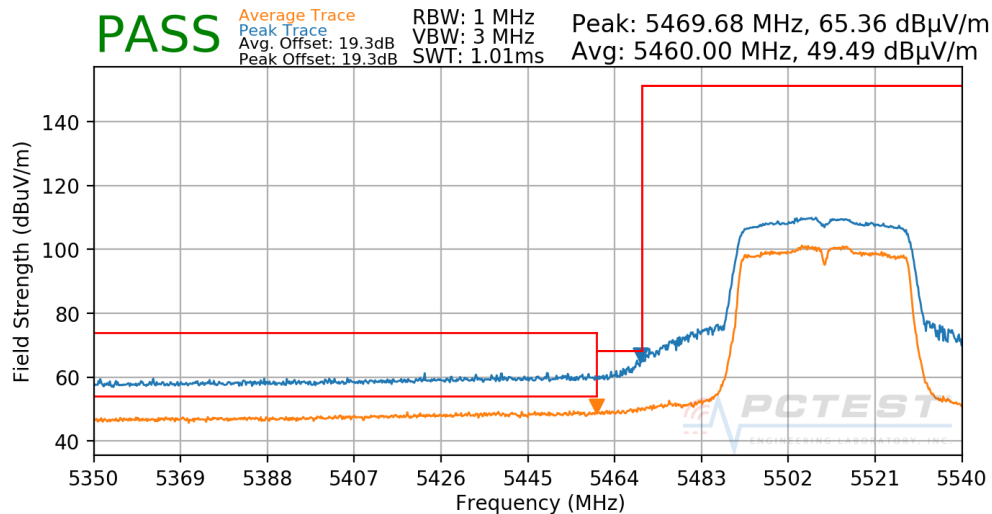


Plot 7-219. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)

|                                            |                                               |                            |                                 |
|--------------------------------------------|-----------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020        | EUT Type:<br>Tablet Device | Page 163 of 204                 |

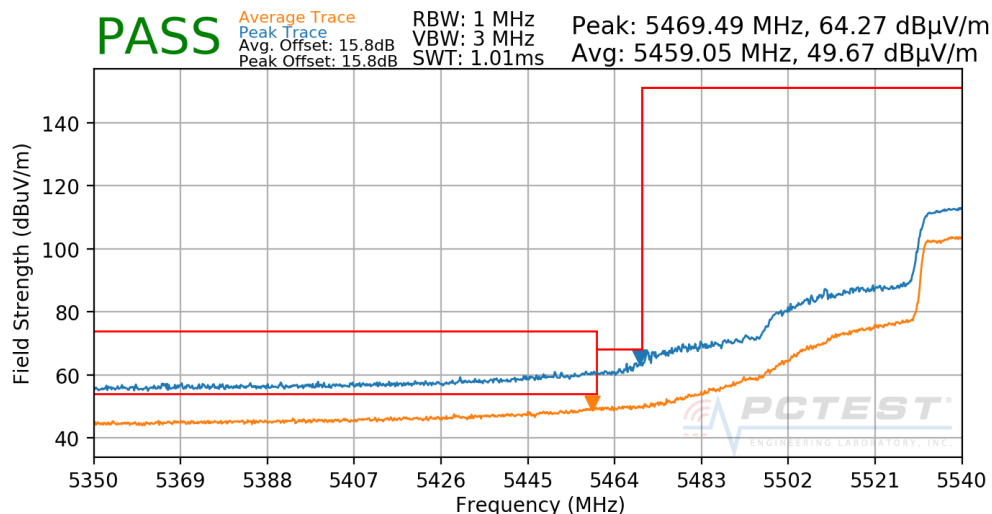


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5510MHz  
Channel: 102



Plot 7-220. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 2C)

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5550MHz  
Channel: 110



Plot 7-221. Radiated Upper Band Edge Plot SISO CORE0 (Peak - UNII Band 2C)

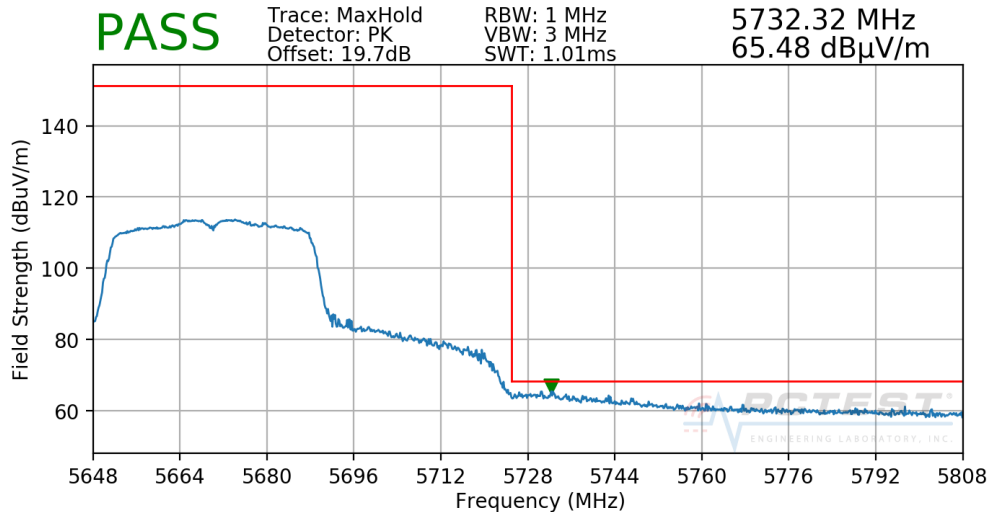
|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device            | Page 164 of 204                 |

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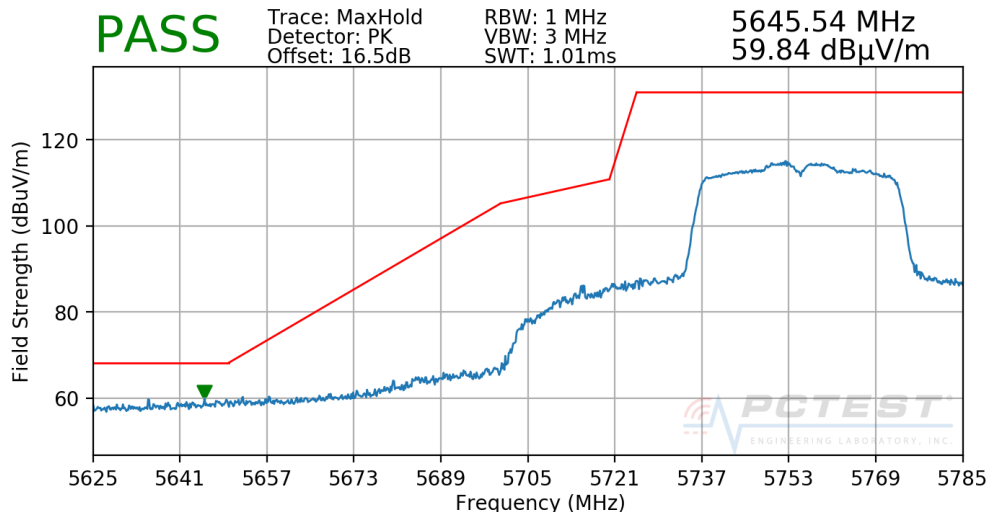
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Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5670MHz  
 Channel: 134



**Plot 7-222. Radiated Upper Band Edge Plot SISO CORE0 (Peak - UNII Band 2C)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5755MHz  
 Channel: 151

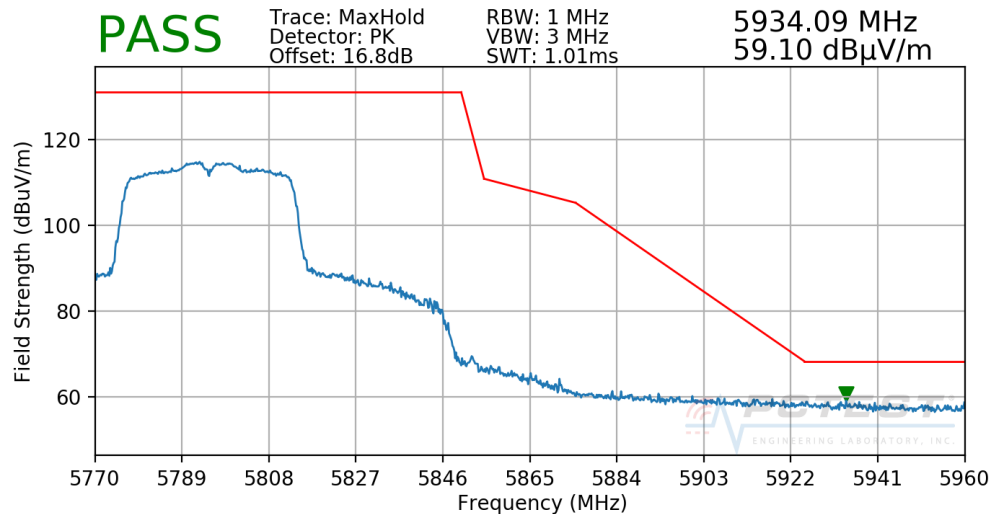


**Plot 7-223. Radiated Lower Band Edge Plot SISO CORE0 (Peak - UNII Band 3)**

|                                            |                                                                                                                                  |                            |                                 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                           | EUT Type:<br>Tablet Device | Page 165 of 204                 |



Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5795MHz  
 Channel: 159



**Plot 7-224. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

|                                            |                                               |                            |                                 |
|--------------------------------------------|-----------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020        | EUT Type:<br>Tablet Device | Page 166 of 204                 |

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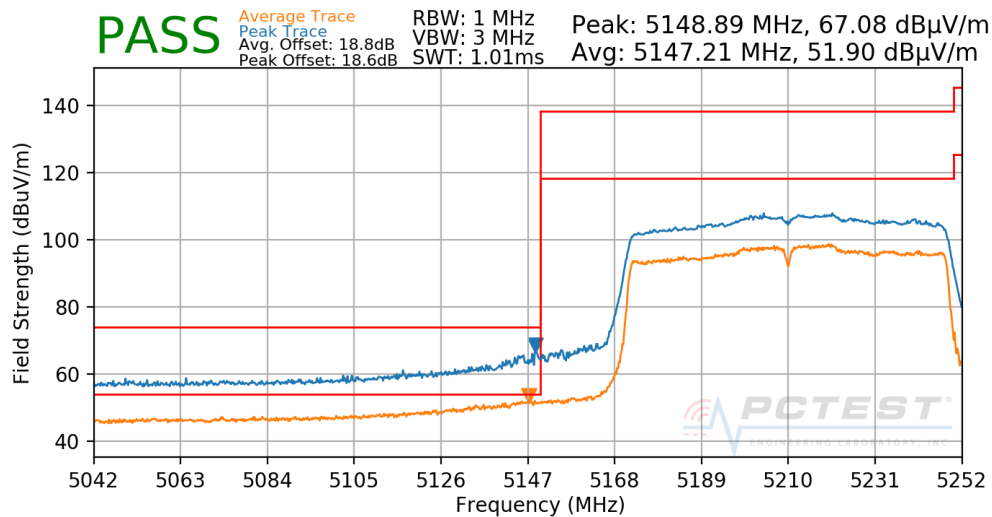
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## 7.6.6 SISO Core-0 Radiated Band Edge Measurements (80MHz BW)

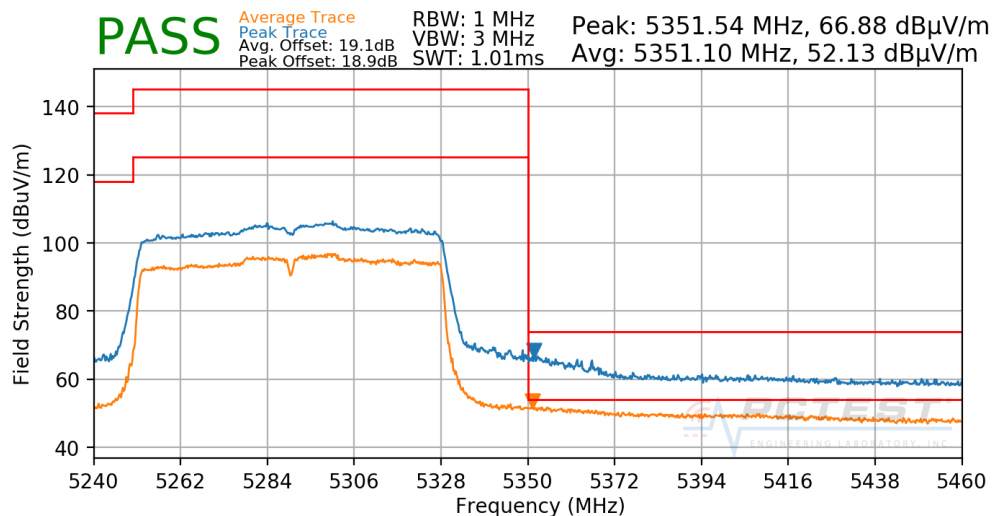
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11ac |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5210MHz  |
| Channel:                  | 42       |



Plot 7-225. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11ac |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5290MHz  |
| Channel:                  | 58       |

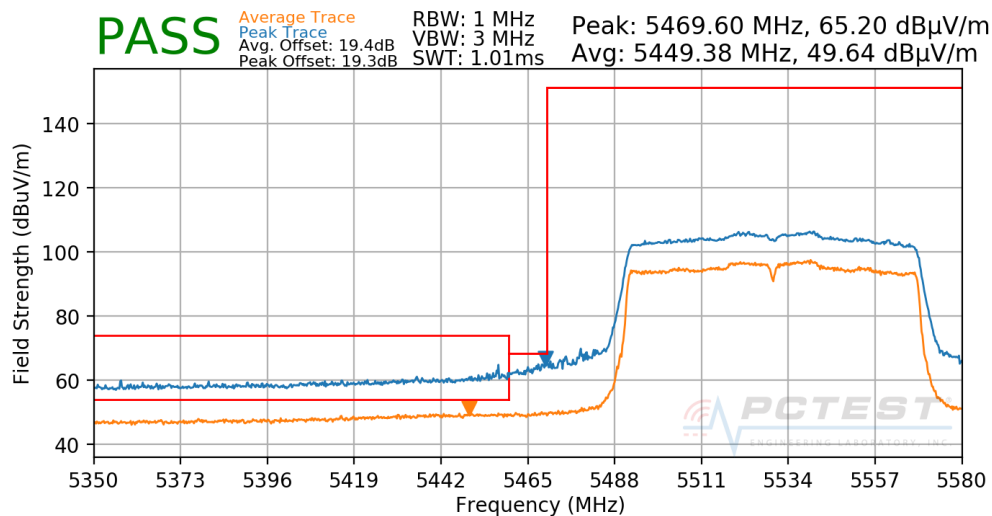


Plot 7-226. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)

|                                            |                                                                                                                                  |                            |                                 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                           | EUT Type:<br>Tablet Device | Page 167 of 204                 |

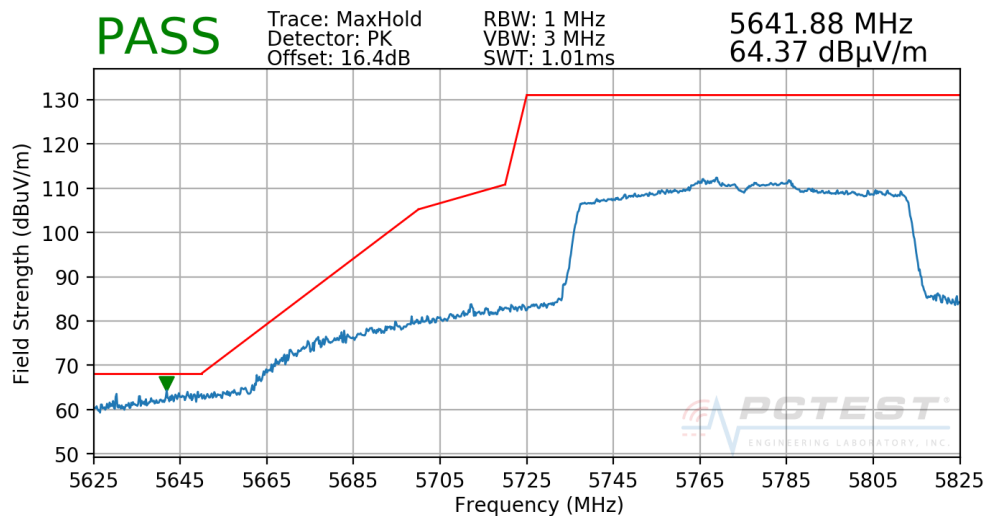


Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5530MHz  
Channel: 106



Plot 7-227. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 2C)

Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5775MHz  
Channel: 155



Plot 7-228. Radiated Lower Band Edge Plot SISO CORE0 (Peak - UNII Band 3)

|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device            | Page 168 of 204                 |

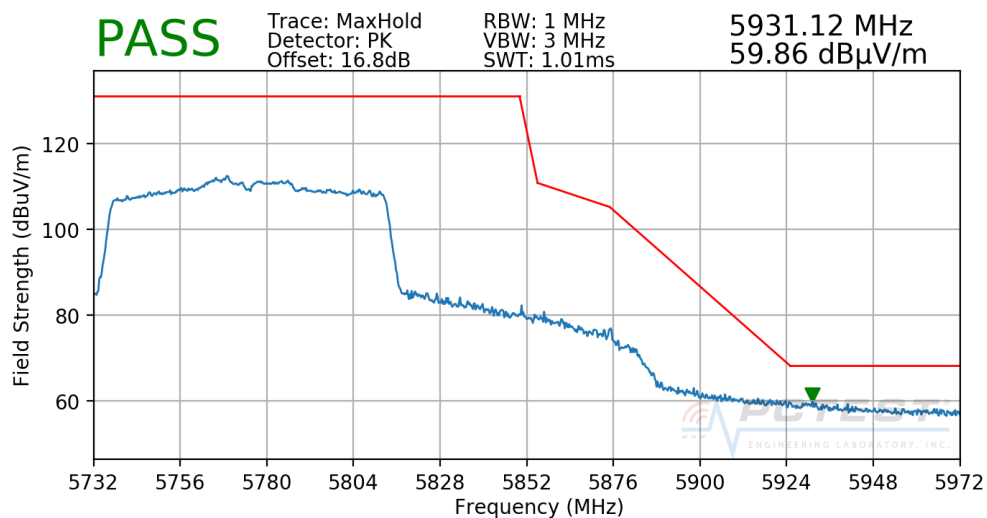
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Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5775MHz  
Channel: 155



Plot 7-229. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)

|                                            |                                        |                            |                                 |
|--------------------------------------------|----------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | MEASUREMENT REPORT<br>(CERTIFICATION)  |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device | Page 169 of 204                 |

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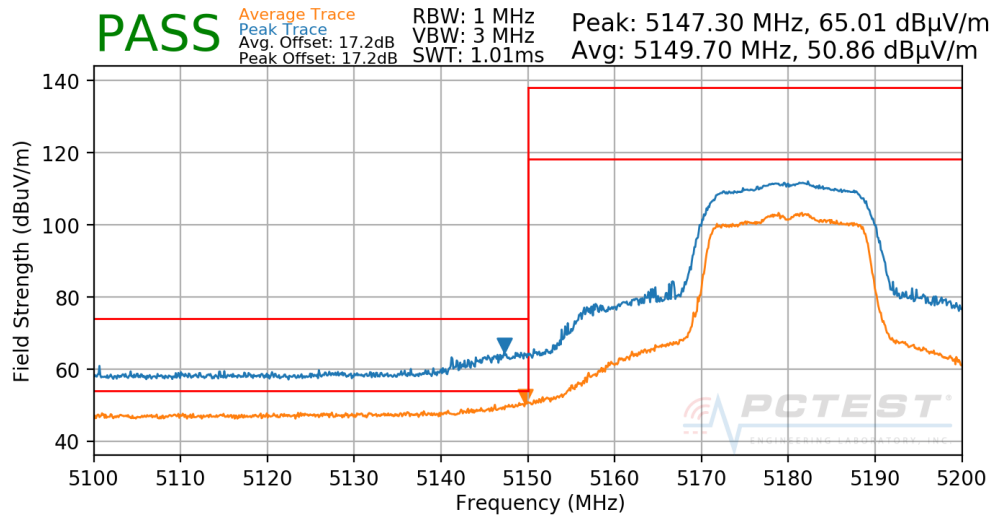
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## 7.6.7 SISO Core-1 Radiated Band Edge Measurements (20MHz BW)

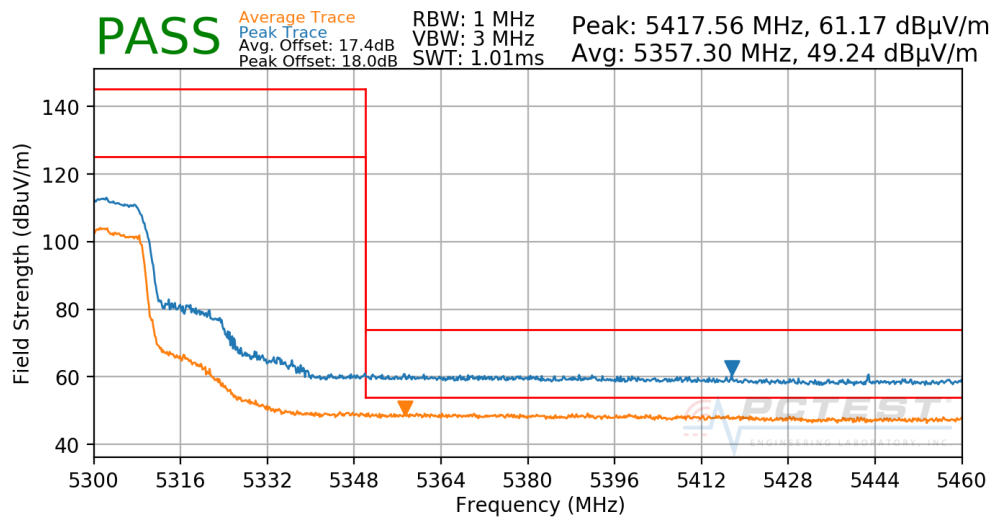
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5180MHz  |
| Channel:                  | 36       |



Plot 7-230. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 1)

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5300MHz  |
| Channel:                  | 60       |

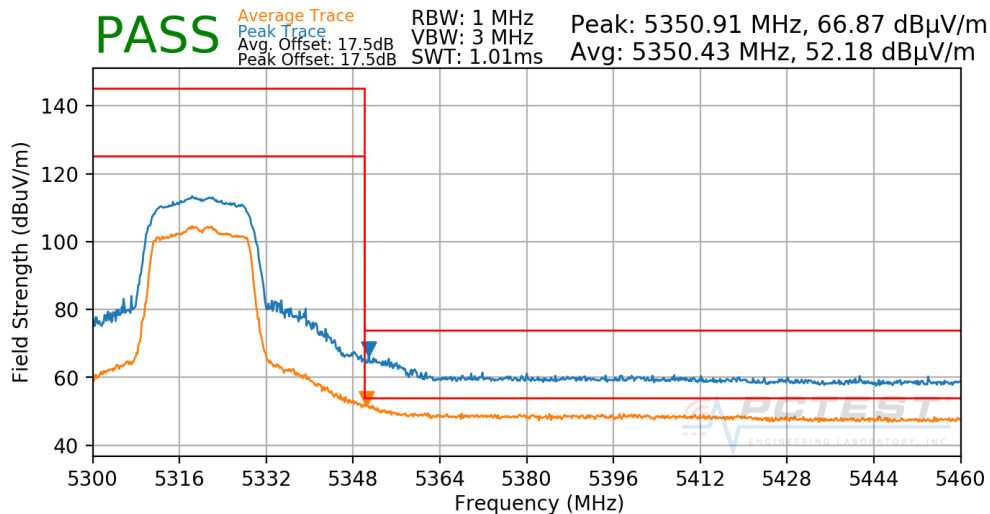


Plot 7-231. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                              | EUT Type:<br>Tablet Device            | Page 170 of 204                 |

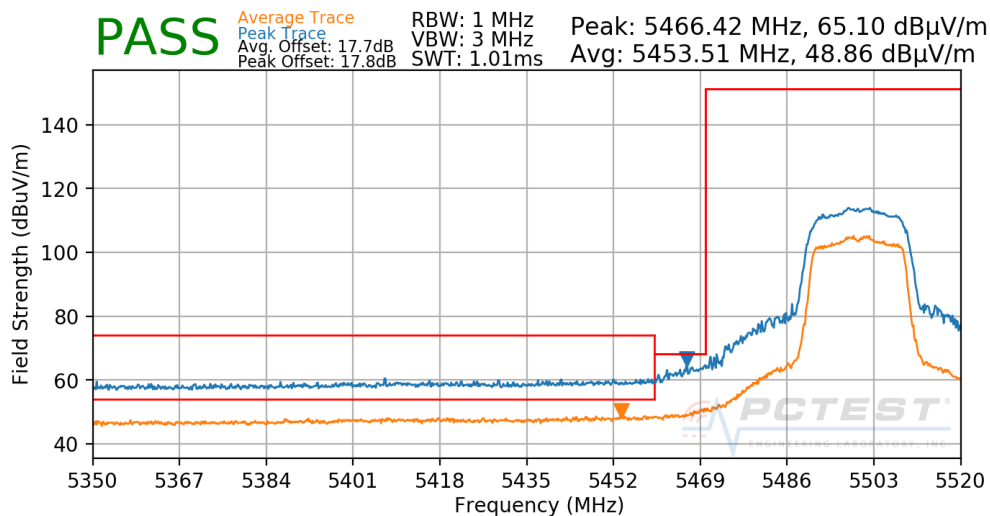


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5320MHz  
Channel: 64



Plot 7-232. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5500MHz  
Channel: 100



Plot 7-233. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 2C)

|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device            | Page 171 of 204                 |

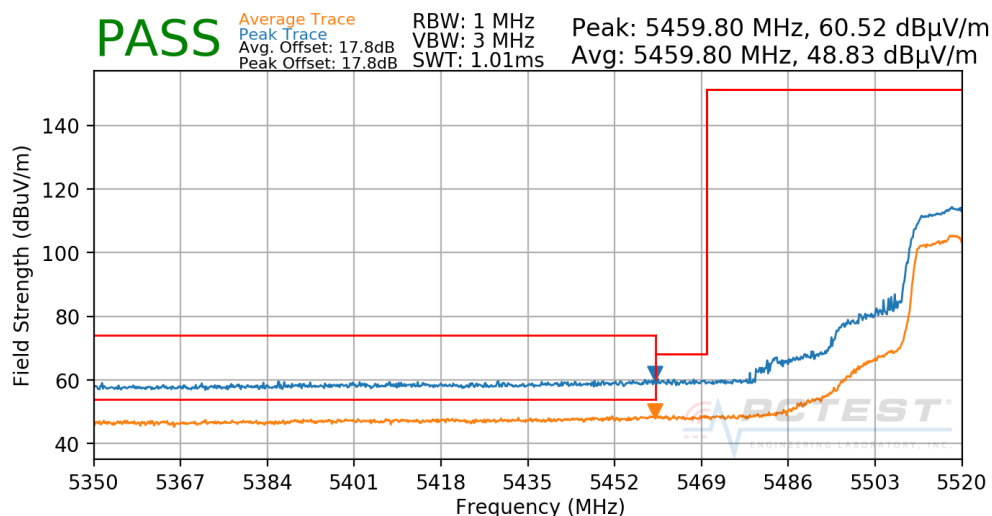
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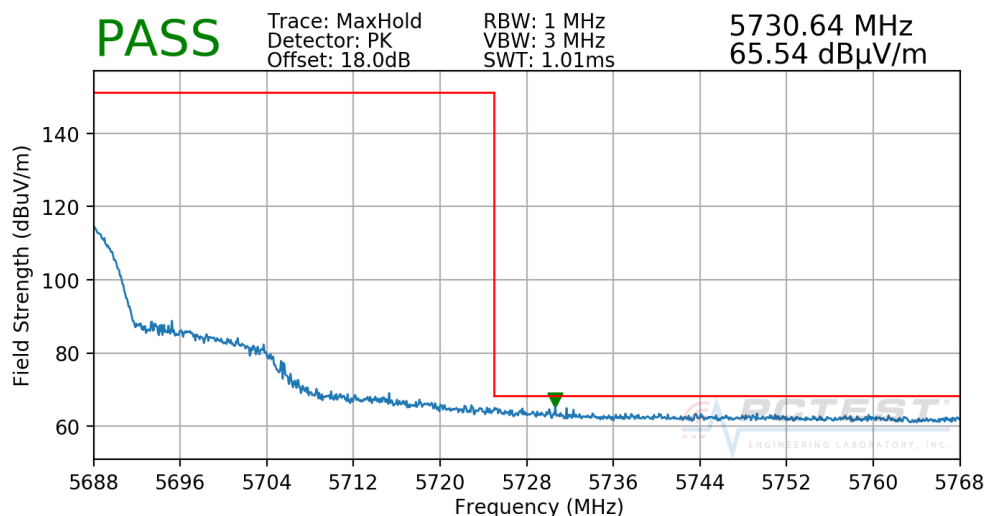


Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5520MHz  
 Channel: 104



**Plot 7-234. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 2C)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5680MHz  
 Channel: 136



**Plot 7-235. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 2C)**

|                                            |                                              |                            |                                 |
|--------------------------------------------|----------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020       | EUT Type:<br>Tablet Device | Page 172 of 204                 |

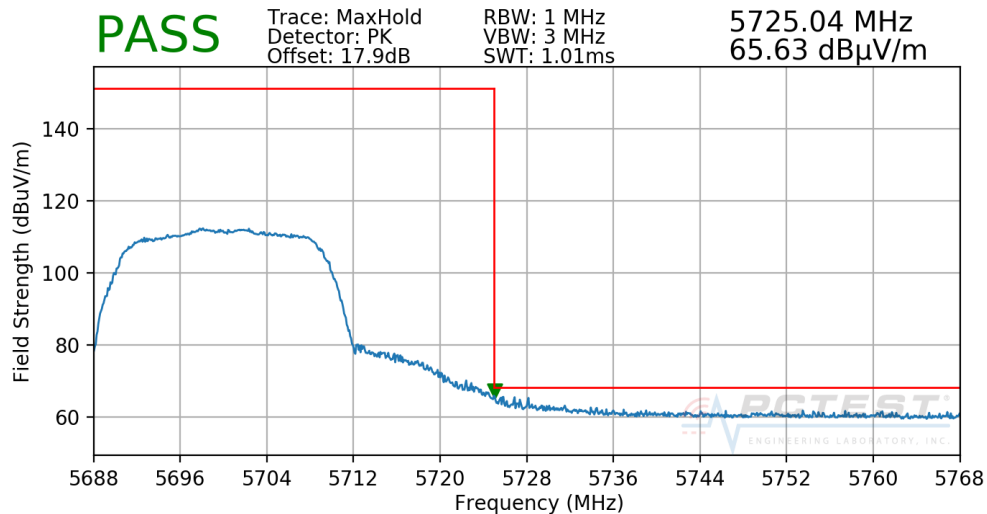
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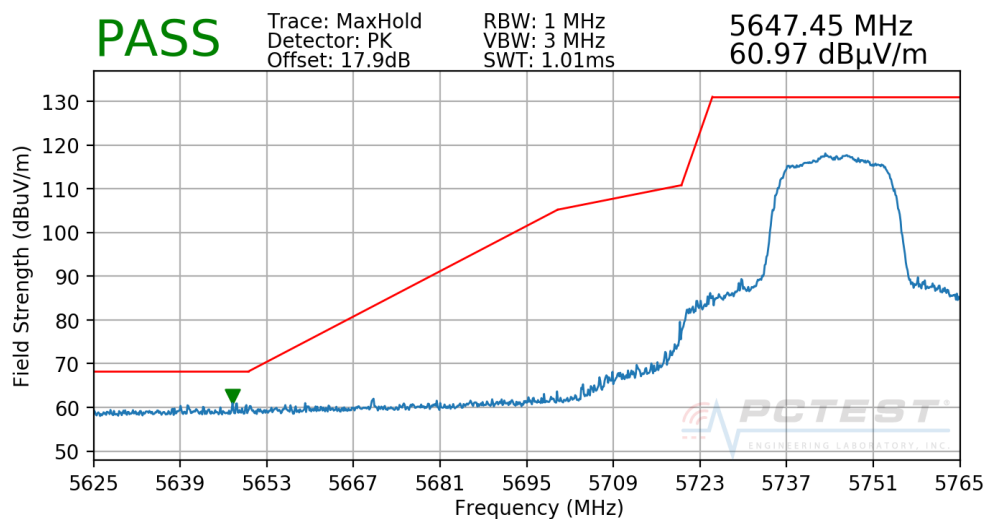


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5700MHz  
Channel: 140



Plot 7-236. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 2C)

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5745MHz  
Channel: 149



Plot 7-237. Radiated Lower Band Edge Plot SISO CORE1 (Peak – UNII Band 3)

|                                            |                                        |                            |                                 |
|--------------------------------------------|----------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | MEASUREMENT REPORT<br>(CERTIFICATION)  |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device | Page 173 of 204                 |

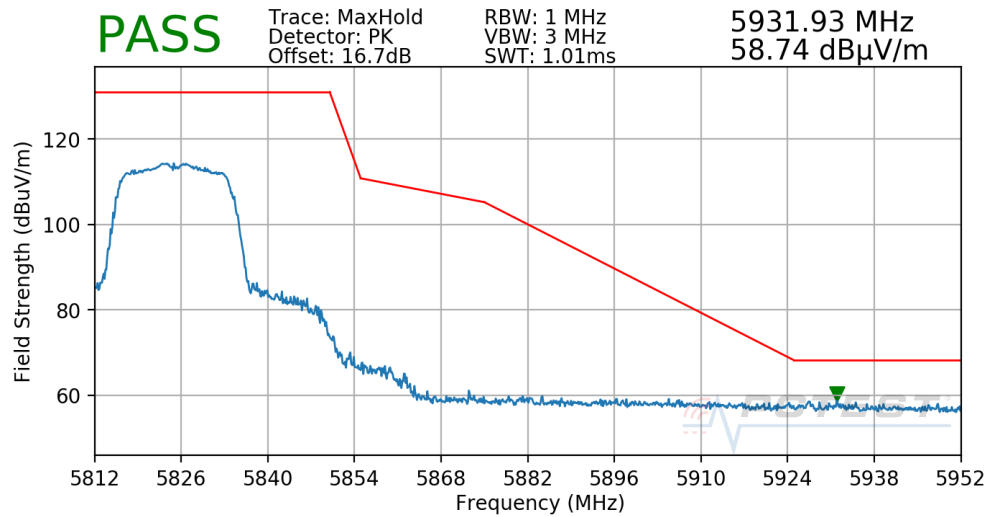
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Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5825MHz  
Channel: 165



Plot 7-238. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 3)

|                                            |                                        |                            |                                 |
|--------------------------------------------|----------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           | MEASUREMENT REPORT<br>(CERTIFICATION)  |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device | Page 174 of 204                 |

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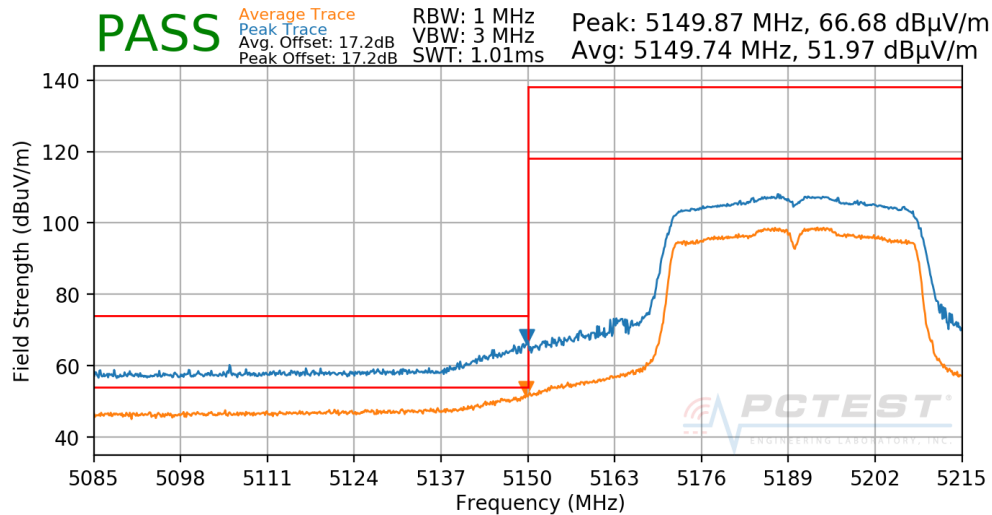
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## 7.6.8 SISO Core-1 Radiated Band Edge Measurements (40MHz BW)

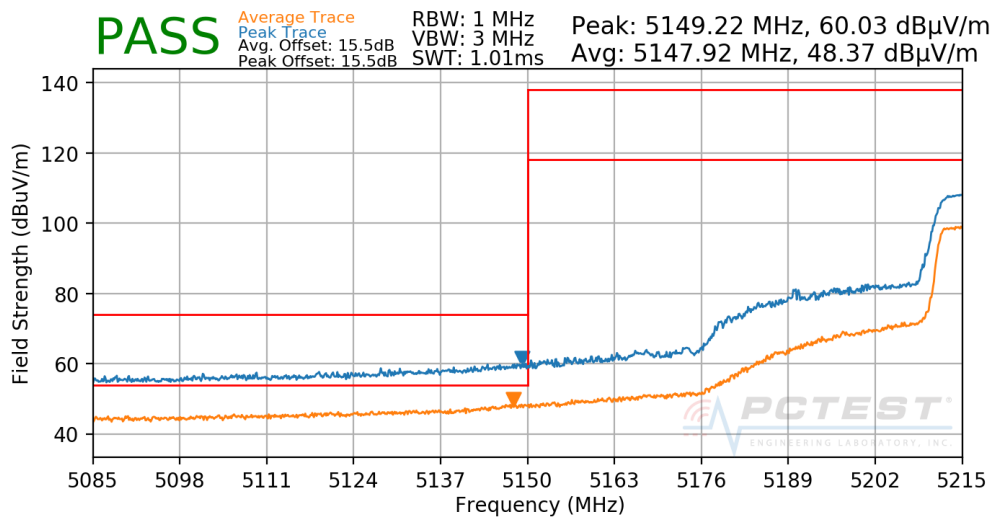
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5190MHz  |
| Channel:                  | 38       |



Plot 7-239. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 1)

|                           |          |
|---------------------------|----------|
| Worst Case Mode:          | 802.11n  |
| Worst Case Transfer Rate: | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 5230MHz  |
| Channel:                  | 46       |

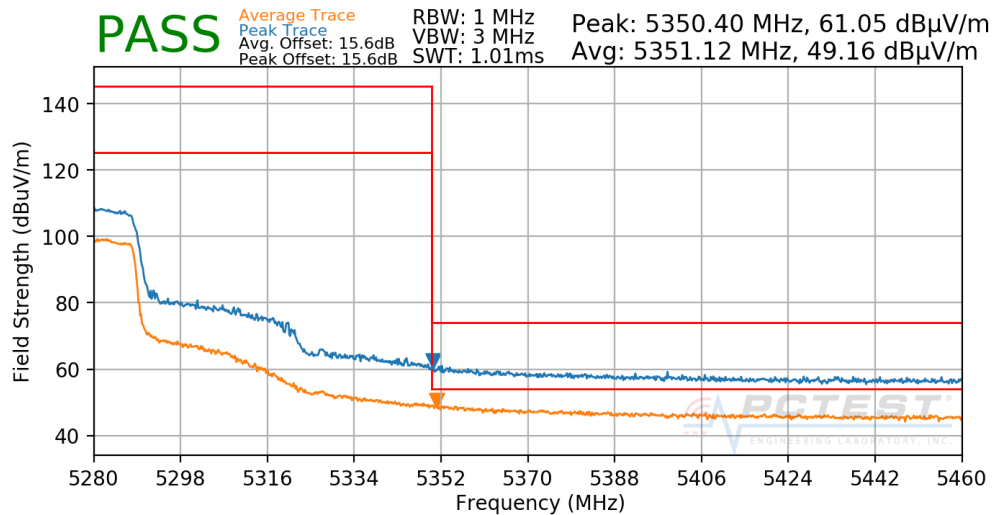


Plot 7-240. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 1)

|                                            |                                                                                                                           |                            |                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2228                           |  MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020                                                                                    | EUT Type:<br>Tablet Device | Page 175 of 204                 |

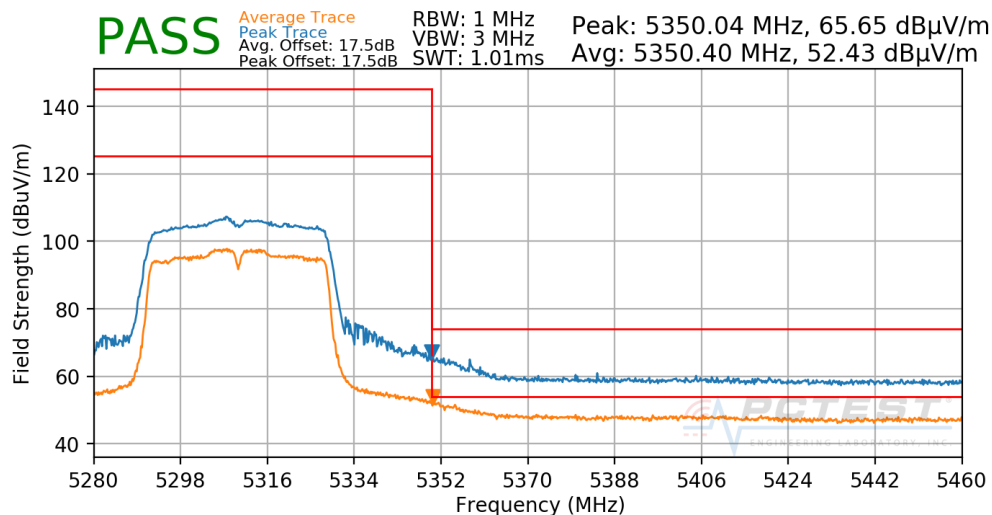


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5270MHz  
Channel: 54



Plot 7-241. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5310MHz  
Channel: 62



Plot 7-242. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)

|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device            | Page 176 of 204                 |

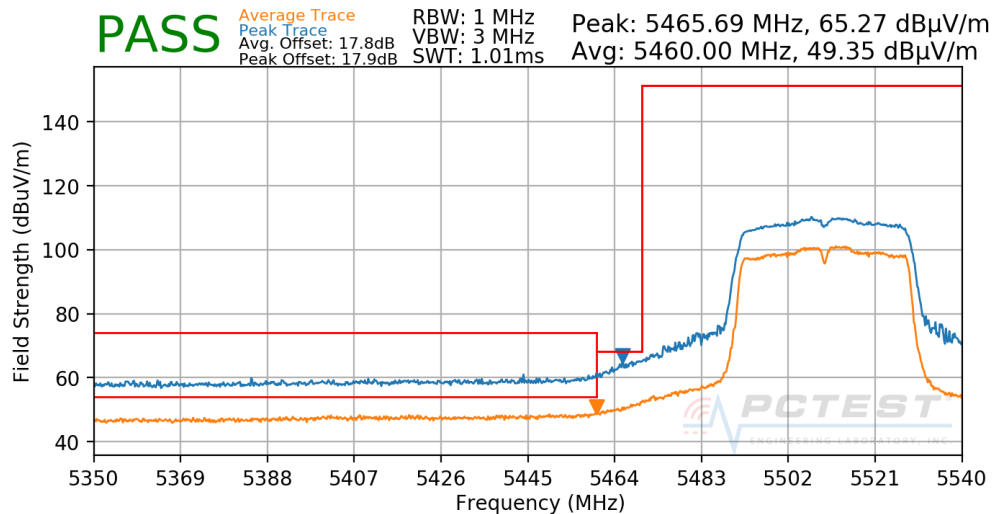
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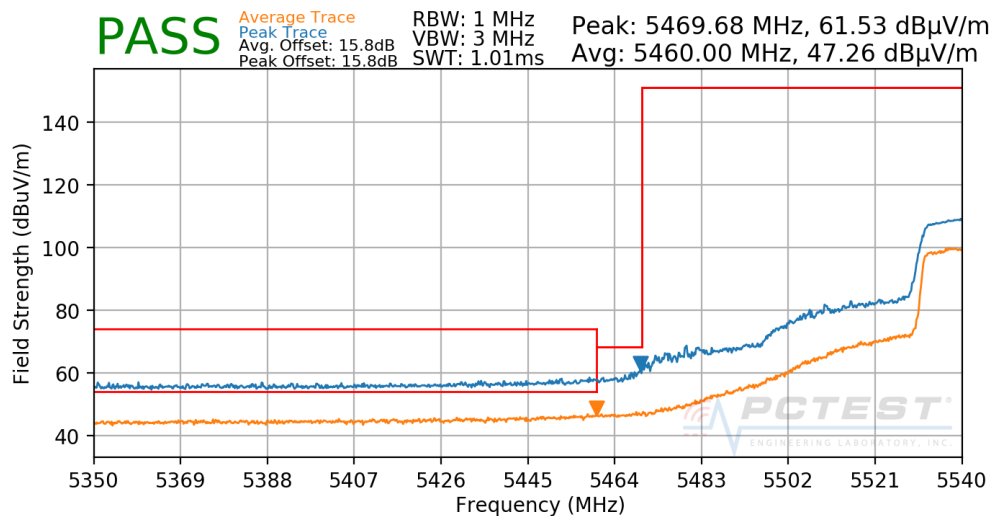


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5510MHz  
Channel: 102



Plot 7-243. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 2C)

Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5550MHz  
Channel: 110



Plot 7-244. Radiated Upper Band Edge Plot SISO CORE1 (Peak - UNII Band 2C)

|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device            | Page 177 of 204                 |

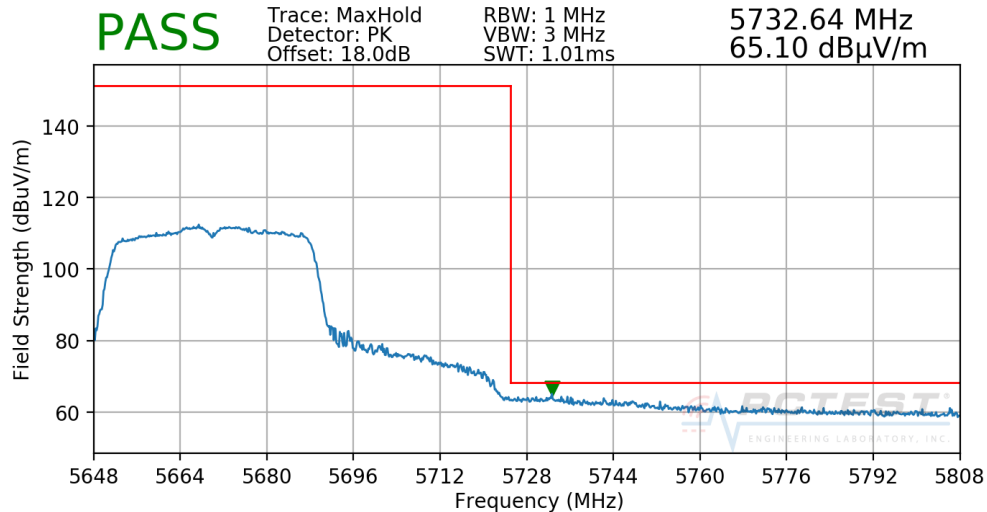
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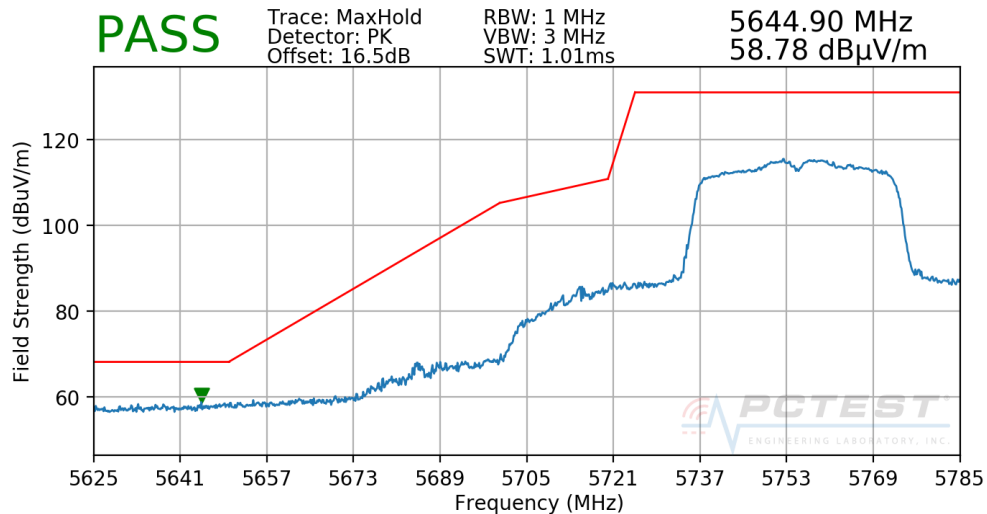


Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5670MHz  
 Channel: 134



**Plot 7-245. Radiated Upper Band Edge Plot SISO CORE1 (Peak - UNII Band 2C)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5755MHz  
 Channel: 151



**Plot 7-246. Radiated Lower Band Edge Plot SISO CORE1 (Peak - UNII Band 3)**

|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228                           |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170050-08-R1.BCG | Test Dates:<br>12/10/2019 - 02/26/2020 | EUT Type:<br>Tablet Device            | Page 178 of 204                 |

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