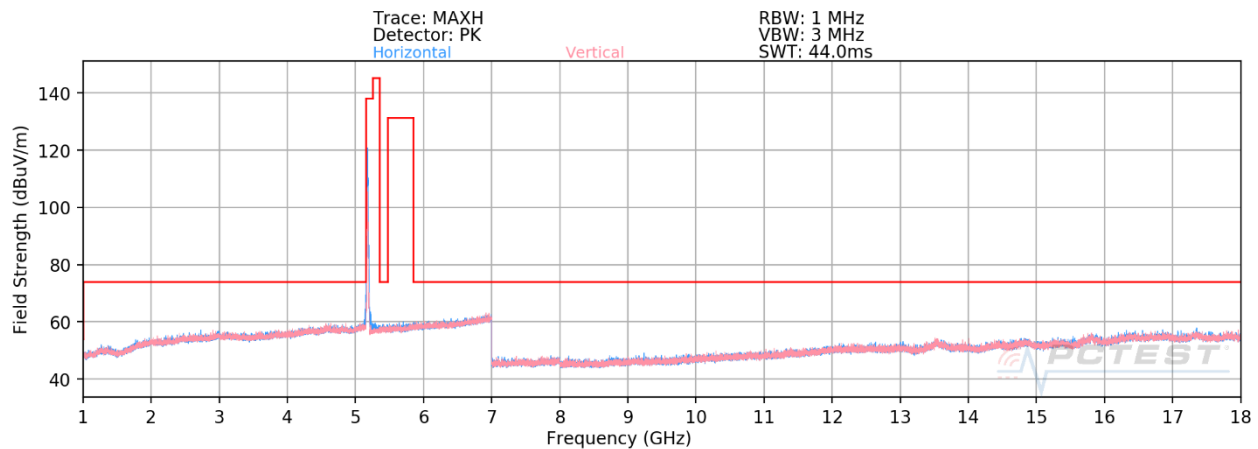
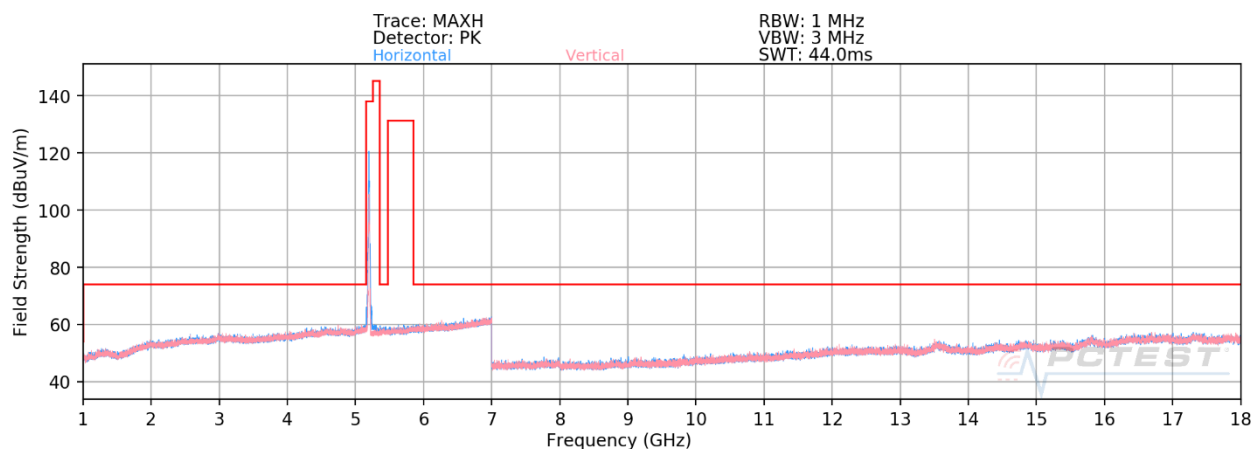


## 6.6.1 SISO Core 0 Radiated Spurious Emission Measurements

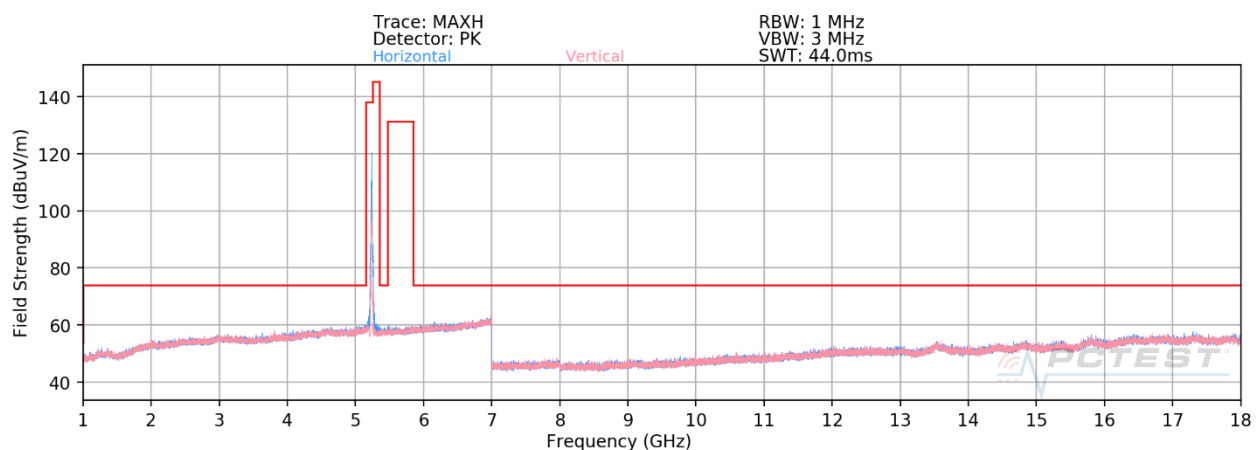
### RU26



Plot 7-721. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 36 – RU26)

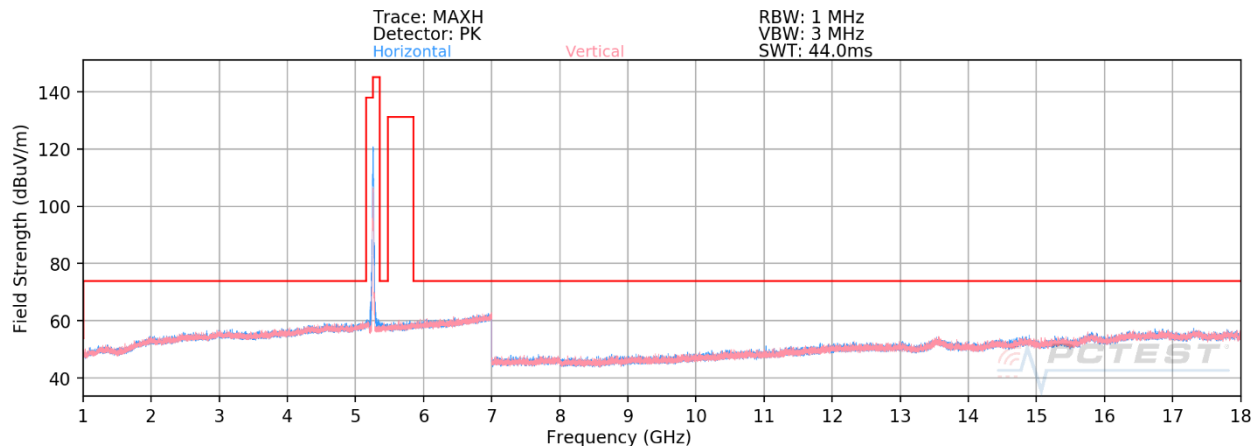


Plot 7-722. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 40 – RU26)

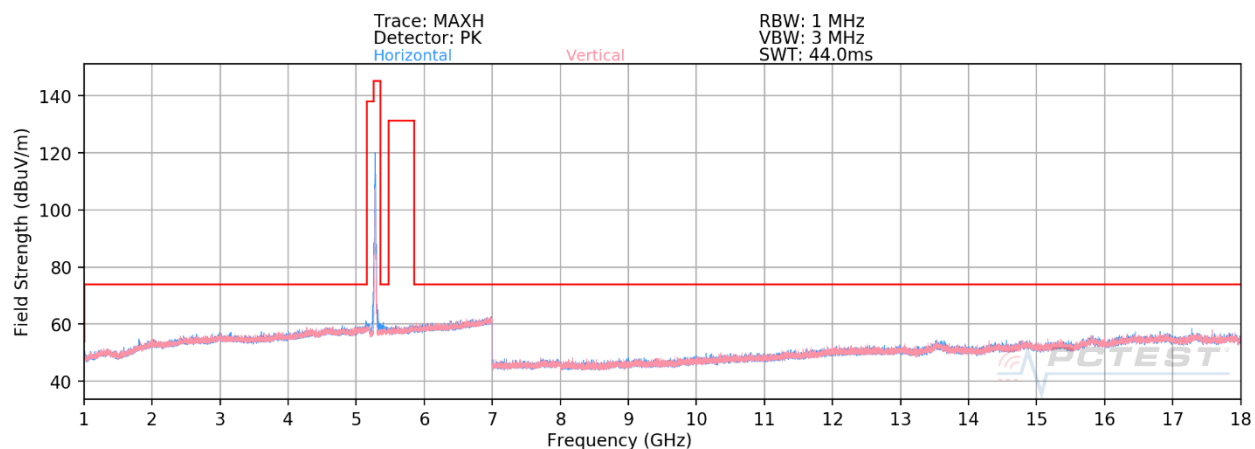


Plot 7-723. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 48 – RU26)

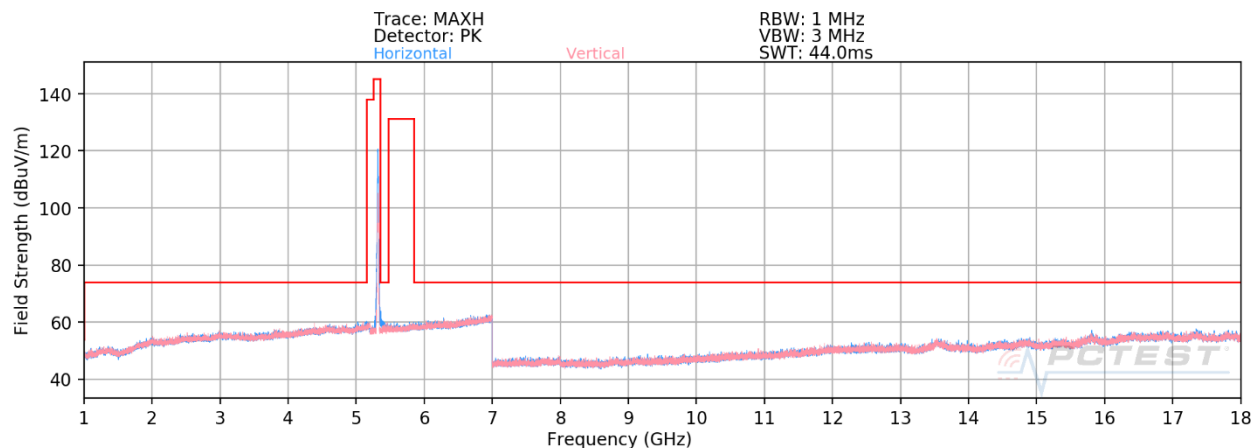
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 421 of 563                 |



**Plot 7-724. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 52 – RU26)**

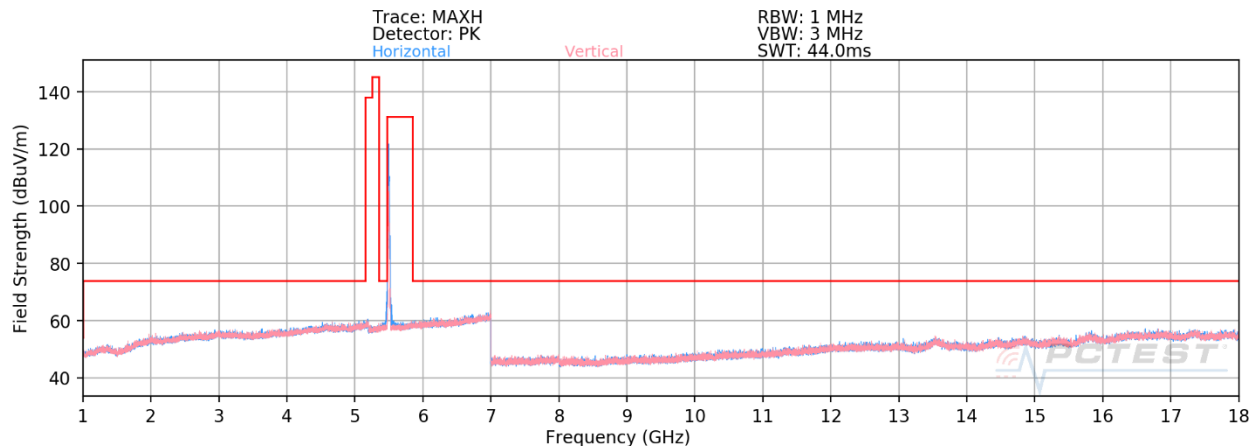


**Plot 7-725. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 56 – RU26)**

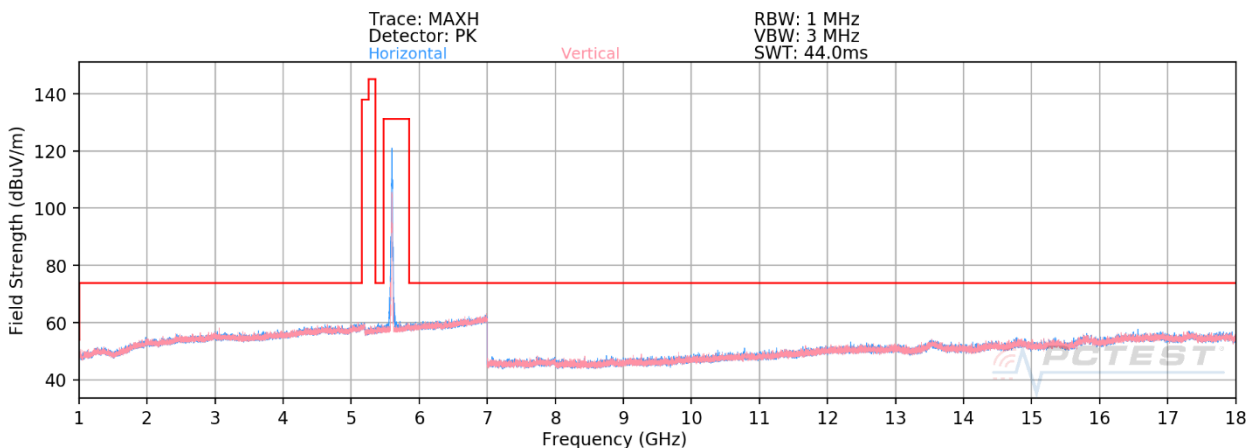


**Plot 7-726. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 64 – RU26)**

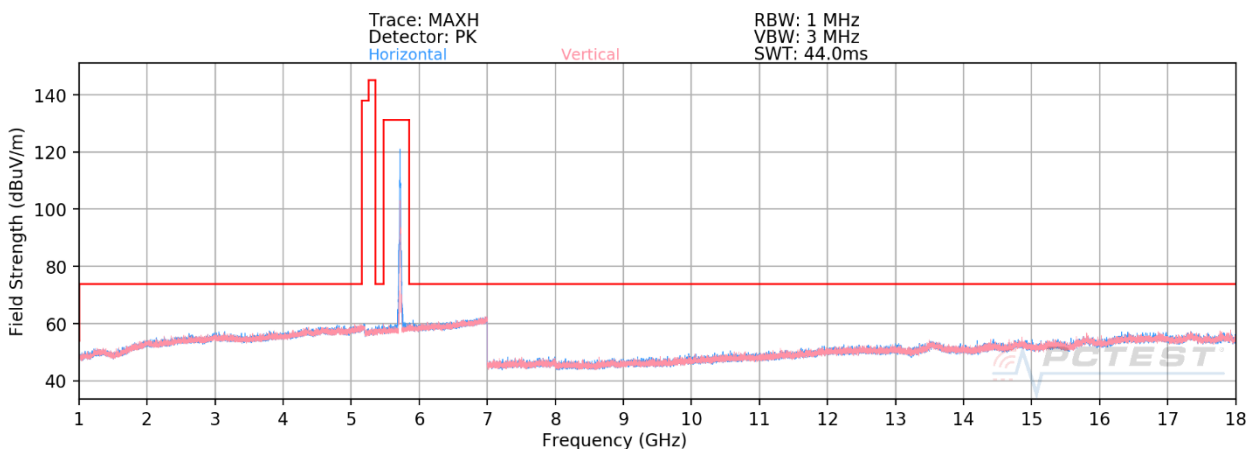
|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 422 of 563                 |



**Plot 7-727. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 100 – RU26)**

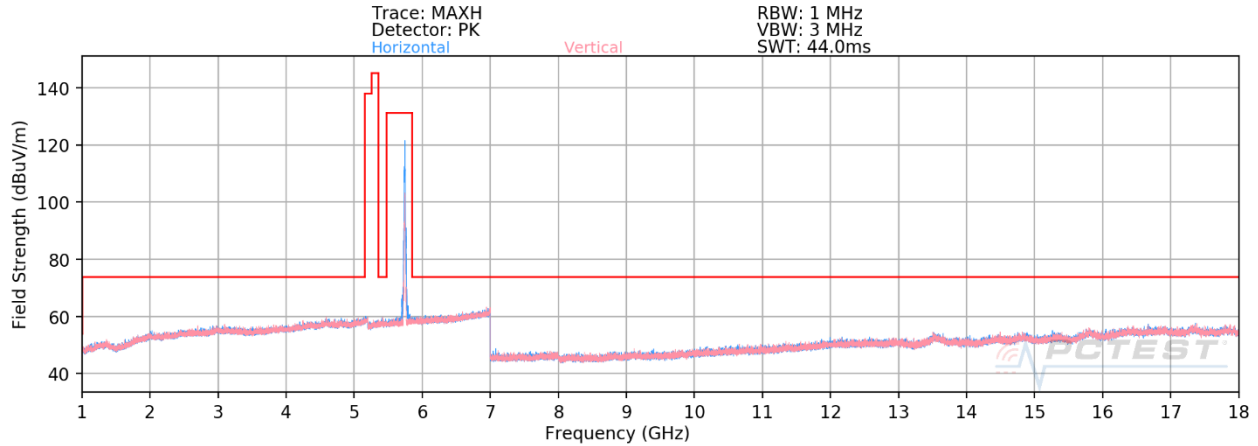


**Plot 7-728. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 116 – RU26)**

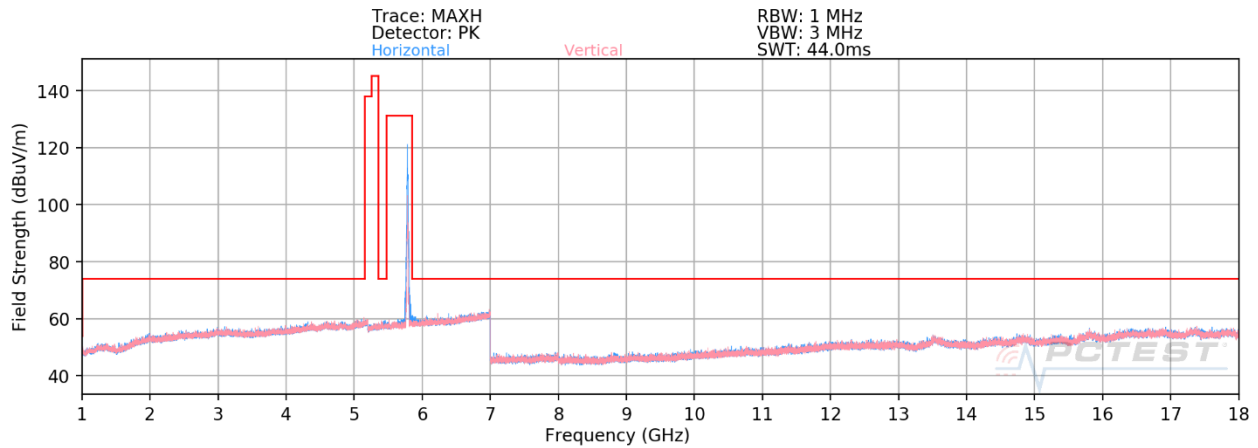


**Plot 7-729. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 144 – RU26)**

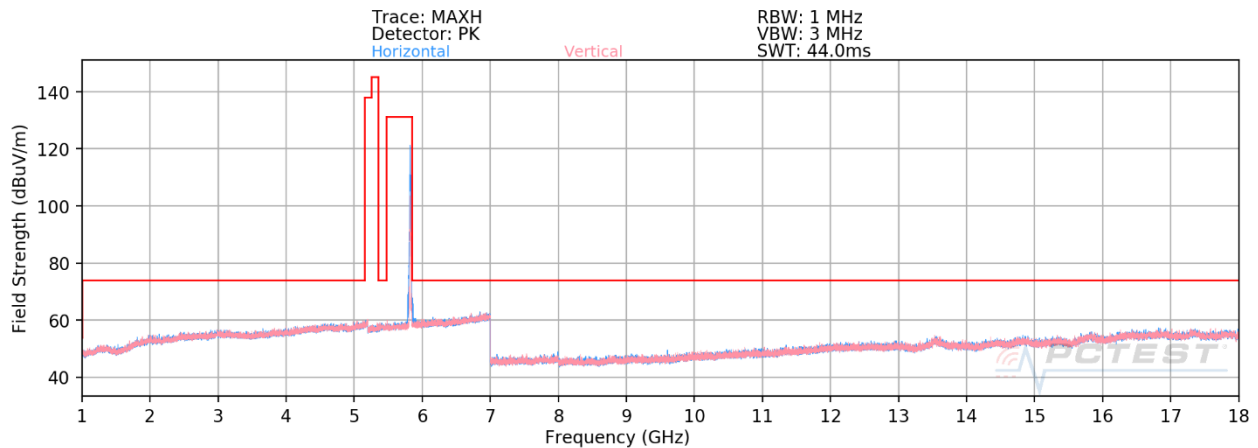
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 423 of 563                 |



**Plot 7-730. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 149 – RU26)**



**Plot 7-731. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 157 – RU26)**



**Plot 7-732. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 165 – RU26)**

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 424 of 563                 |

## SISO Core 0 Radiated Spurious Emission Measurements (RU26)

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

Worst Case Mode: 802.11ax (20MHz BW)  
Worst Case Transfer Rate: MCS0  
RU Index: 54  
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               | -                   | -                          | -71.79               | 14.25       | 49.46                   | 68.20          | -18.74      |
| 15540.00        | Average  | H               | -                   | -                          | -85.55               | 20.62       | 42.07                   | 53.98          | -11.91      |
| 15540.00        | Peak     | H               | -                   | -                          | -74.94               | 20.62       | 52.68                   | 73.98          | -21.30      |

Table 7-83. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)  
Worst Case Transfer Rate: MCS0  
RU Index: 54  
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               | -                   | -                          | -84.20               | 14.06       | 36.86                   | 68.20          | -31.34      |
| 15600.00        | Average  | H               | -                   | -                          | -85.58               | 20.59       | 42.01                   | 53.98          | -11.97      |
| 15600.00        | Peak     | H               | -                   | -                          | -74.32               | 20.59       | 53.27                   | 73.98          | -20.71      |

Table 7-84. Radiated Measurements SISO CORE 0 (RU26)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 425 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -72.93               | 14.54       | 48.61                   | 68.20          | -19.59      |
| 15720.00        | Average  | H               | -                   | -                          | -85.84               | 21.09       | 42.25                   | 53.98          | -11.73      |
| 15720.00        | Peak     | H               | -                   | -                          | -74.45               | 21.09       | 53.64                   | 73.98          | -20.34      |

**Table 7-85. Radiated Measurements SISO CORE 0 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -71.58               | 14.89       | 50.31                   | 68.20          | -17.89      |
| 15780.00        | Average  | H               | -                   | -                          | -86.13               | 20.78       | 41.65                   | 53.98          | -12.32      |
| 15780.00        | Peak     | H               | -                   | -                          | -75.21               | 20.78       | 52.57                   | 73.98          | -21.40      |

**Table 7-86. Radiated Measurements SISO CORE 0 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 426 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -72.35               | 14.54       | 49.19                   | 68.20          | -19.01      |
| 15840.00        | Average  | H               | -                   | -                          | -86.29               | 21.24       | 41.95                   | 53.98          | -12.03      |
| 15840.00        | Peak     | H               | -                   | -                          | -75.43               | 21.24       | 52.81                   | 73.98          | -21.17      |

**Table 7-87. Radiated Measurements SISO CORE 0 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -83.87               | 14.96       | 38.09                   | 53.98          | -15.89      |
| 10640.00        | Peak     | H               | -                   | -                          | -72.76               | 14.96       | 49.20                   | 73.98          | -24.78      |
| 15960.00        | Average  | H               | -                   | -                          | -85.54               | 21.96       | 43.42                   | 53.98          | -10.56      |
| 15960.00        | Peak     | H               | -                   | -                          | -74.22               | 21.96       | 54.74                   | 73.98          | -19.24      |

**Table 7-88. Radiated Measurements SISO CORE 0 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 427 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -76.60               | 16.36       | 46.76                   | 53.98          | -7.22       |
| 11000.00        | Peak     | H               | -                   | -                          | -73.18               | 16.36       | 50.18                   | 73.98          | -23.80      |
| 16500.00        | Peak     | H               | -                   | -                          | -73.23               | 21.84       | 55.61                   | 68.20          | -12.59      |

**Table 7-89. Radiated Measurements SISO CORE 0 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.59               | 16.15       | 38.56                   | 53.98          | -15.42      |
| 11160.00        | Peak     | H               | -                   | -                          | -73.54               | 16.15       | 49.61                   | 73.98          | -24.37      |
| 16740.00        | Peak     | H               | -                   | -                          | -74.17               | 22.18       | 55.01                   | 68.20          | -13.19      |

**Table 7-90. Radiated Measurements SISO CORE 0 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 428 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.86               | 17.00       | 39.14                   | 53.98          | -14.84      |
| 11440.00        | Peak     | H               | -                   | -                          | -73.02               | 17.00       | 50.98                   | 73.98          | -23.00      |
| 17160.00        | Peak     | H               | -                   | -                          | -74.20               | 22.04       | 54.84                   | 68.20          | -13.36      |

**Table 7-91. Radiated Measurements SISO CORE 0 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.83               | 16.41       | 38.58                   | 53.98          | -15.40      |
| 11490.00        | Peak     | H               | -                   | -                          | -73.71               | 16.41       | 49.70                   | 73.98          | -24.28      |
| 17235.00        | Peak     | H               | -                   | -                          | -73.34               | 22.58       | 56.24                   | 68.20          | -11.96      |

**Table 7-92. Radiated Measurements SISO CORE 0 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 429 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.63               | 16.96       | 39.33                   | 53.98          | -14.65      |
| 11570.00        | Peak     | H               | -                   | -                          | -73.08               | 16.96       | 50.88                   | 73.98          | -23.10      |
| 17355.00        | Peak     | H               | -                   | -                          | -73.23               | 22.57       | 56.34                   | 68.20          | -11.86      |

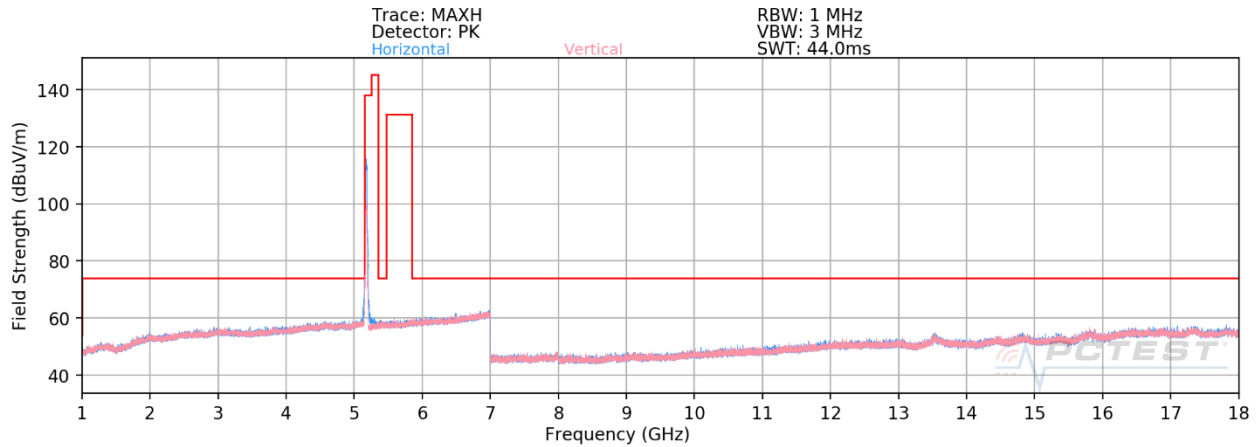
**Table 7-93. Radiated Measurements SISO CORE 0 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

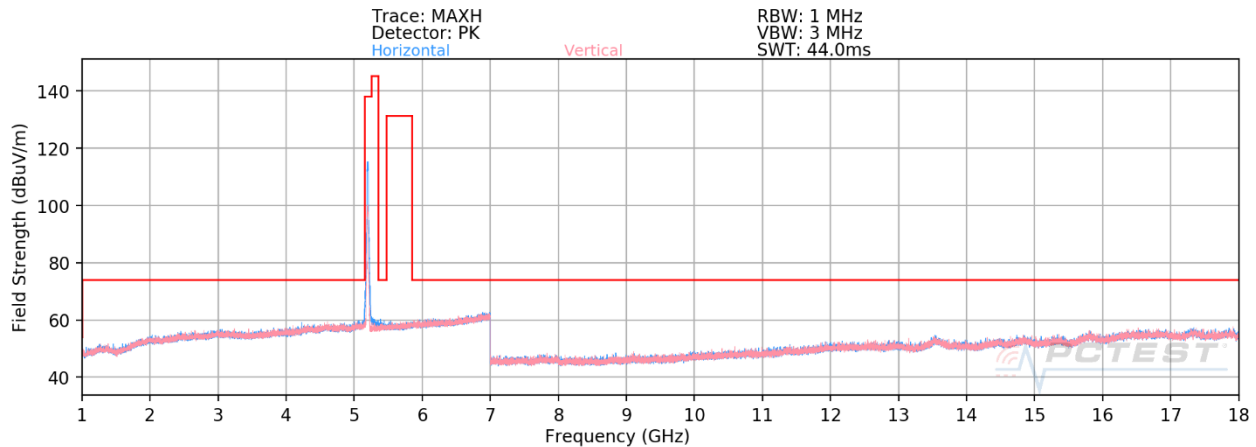
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 11650.00        | Average  | H               | -                   | -                          | -84.54               | 16.43       | 38.89                   | 53.98          | -15.09      |
| 11650.00        | Peak     | H               | -                   | -                          | -72.87               | 16.43       | 50.56                   | 73.98          | -23.42      |
| 17475.00        | Peak     | H               | -                   | -                          | -73.31               | 21.90       | 55.59                   | 68.20          | -12.61      |

**Table 7-94. Radiated Measurements SISO CORE 0 (RU26)**

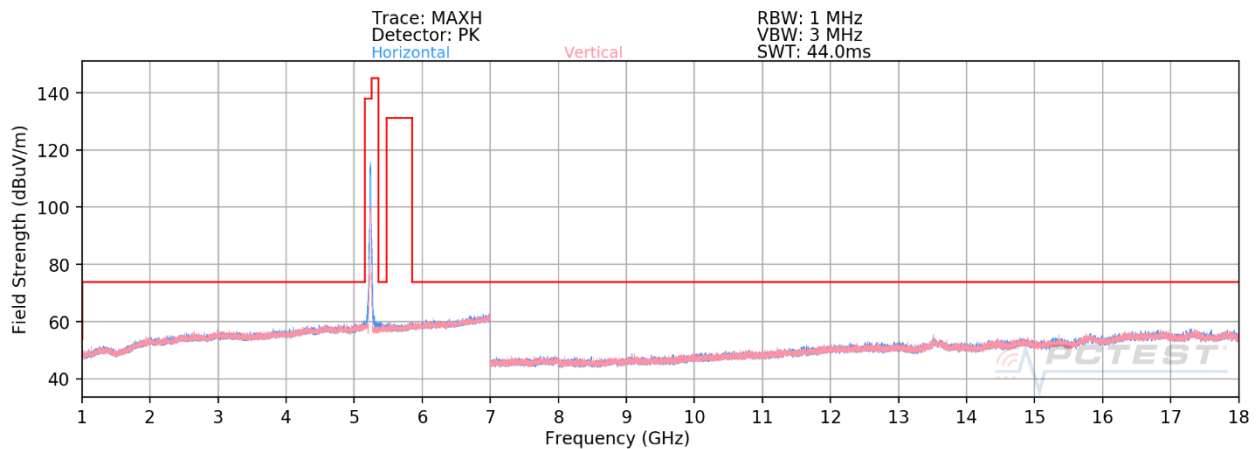
|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 430 of 563                 |



**Plot 7-733. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 36 – RU242)**

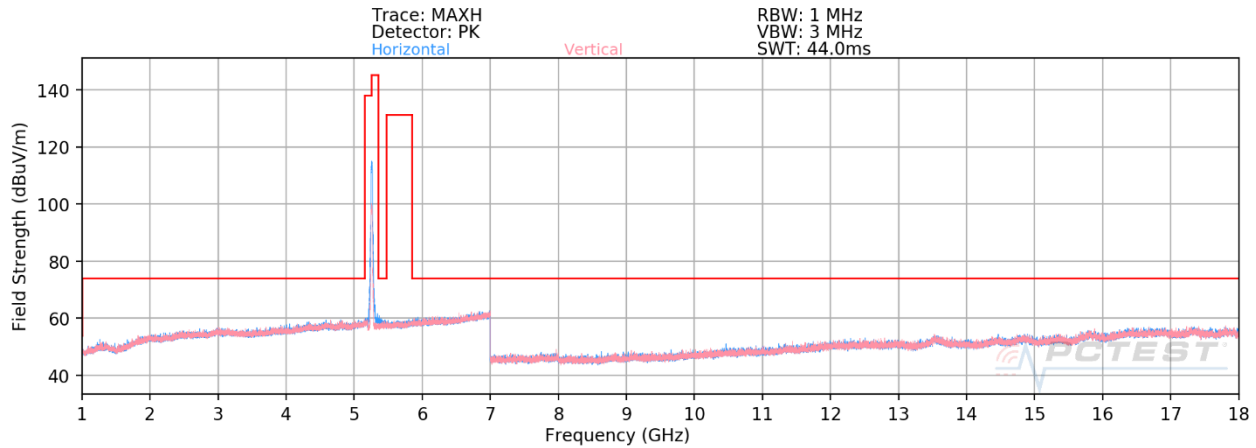


**Plot 7-734. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 40 – RU242)**

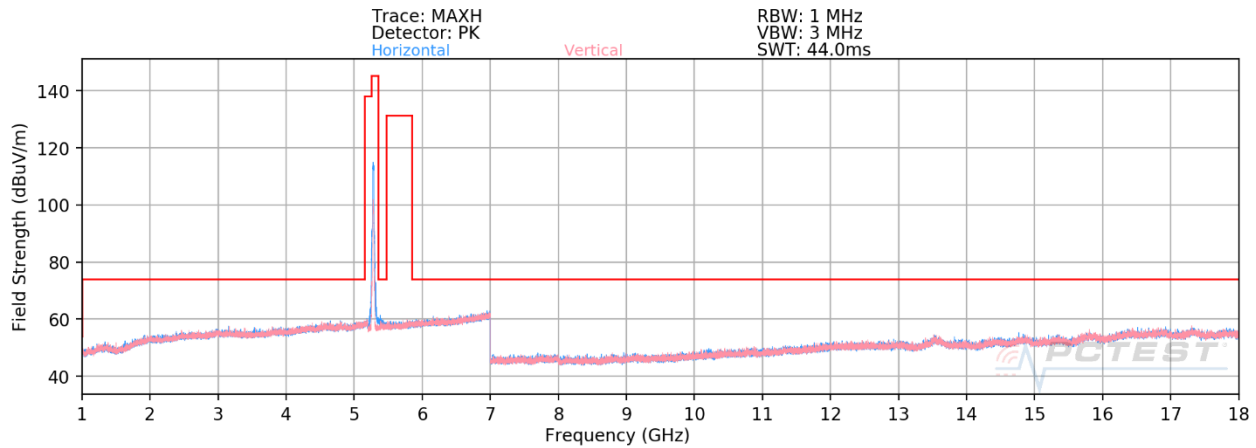


**Plot 7-735. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 48 – RU242)**

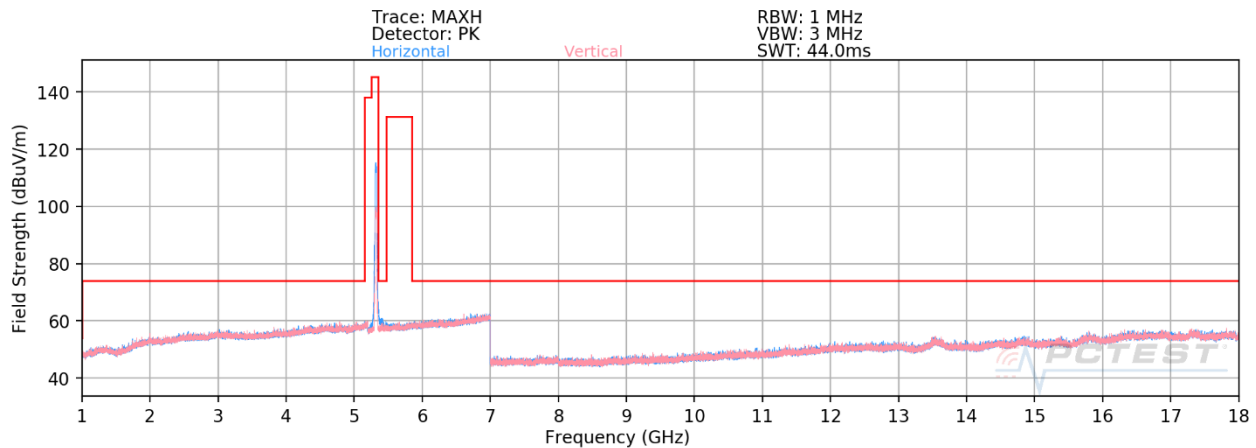
|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           | <b>PCTEST</b>                          | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020 | EUT Type:<br>Tablet Device            | Page 431 of 563                 |



**Plot 7-736. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 52 – RU242)**

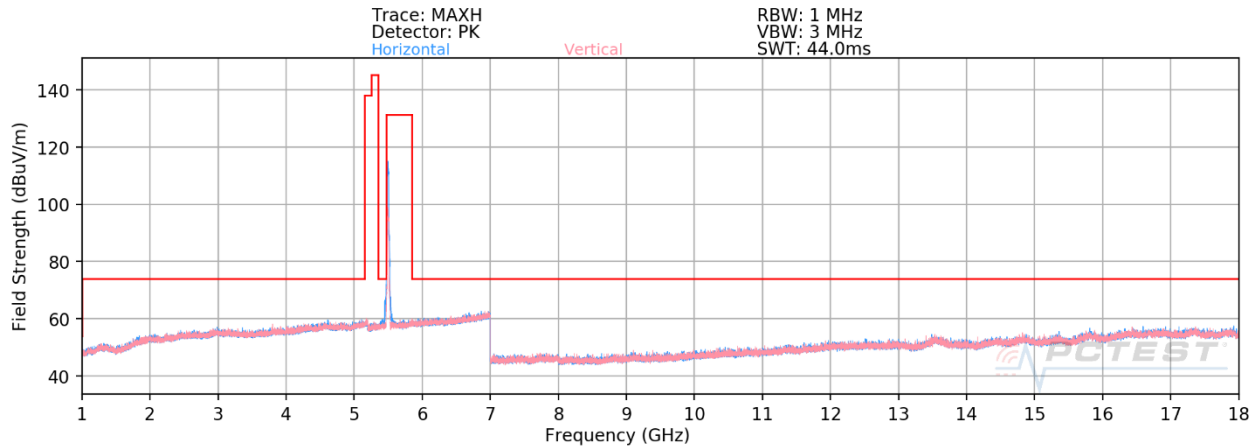


**Plot 7-737. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 56 – RU242)**

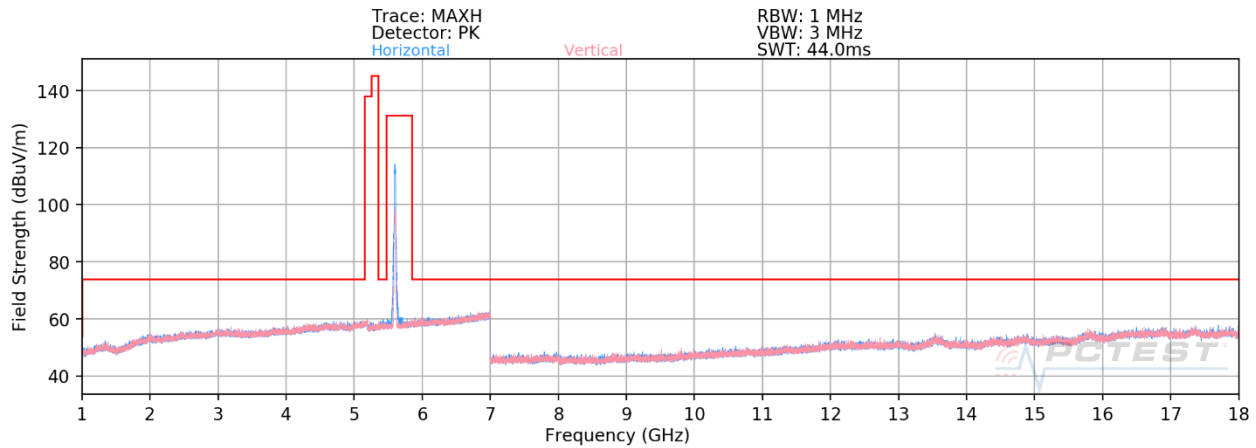


**Plot 7-738. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 64 – RU242)**

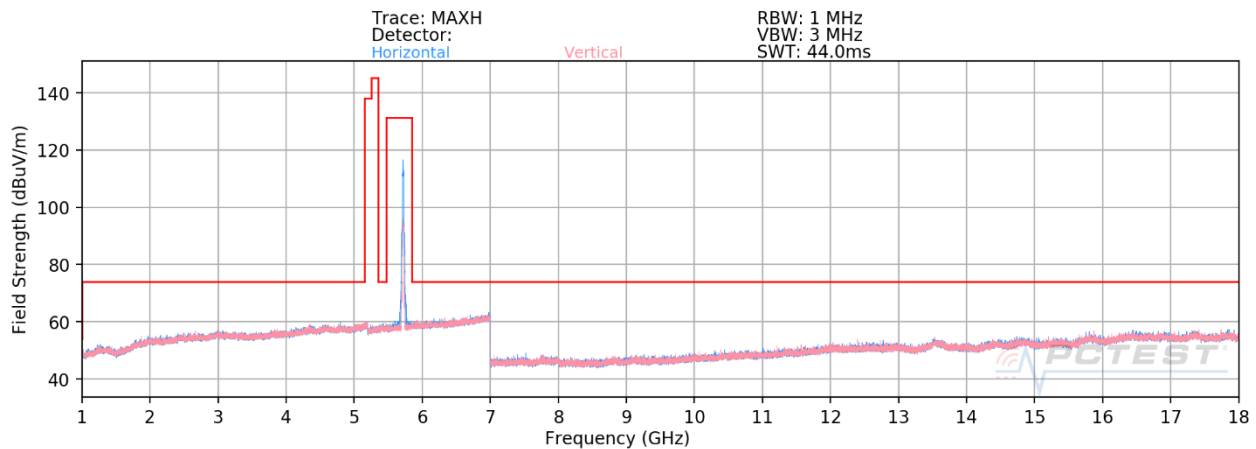
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 432 of 563                 |



**Plot 7-739. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 100 – RU242)**

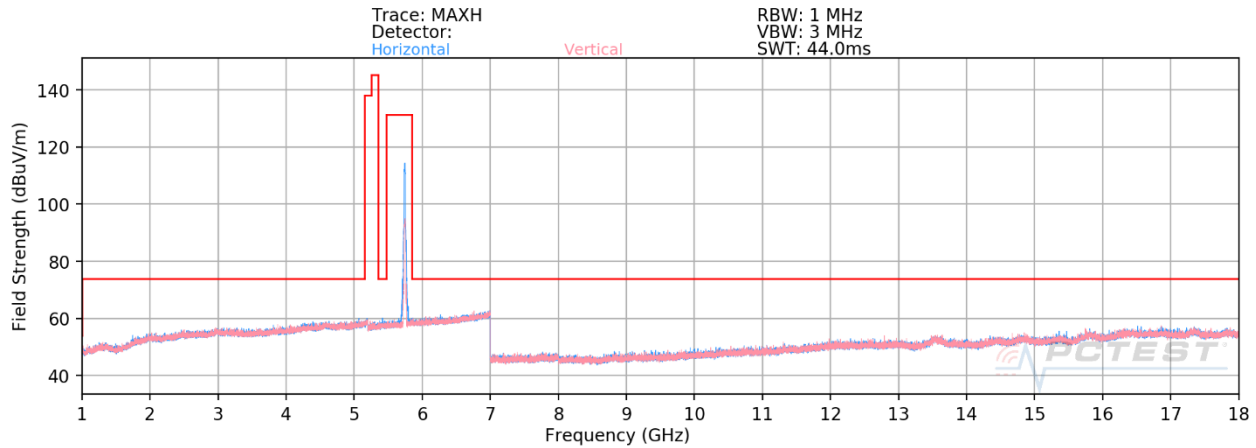


**Plot 7-740. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 116 – RU242)**

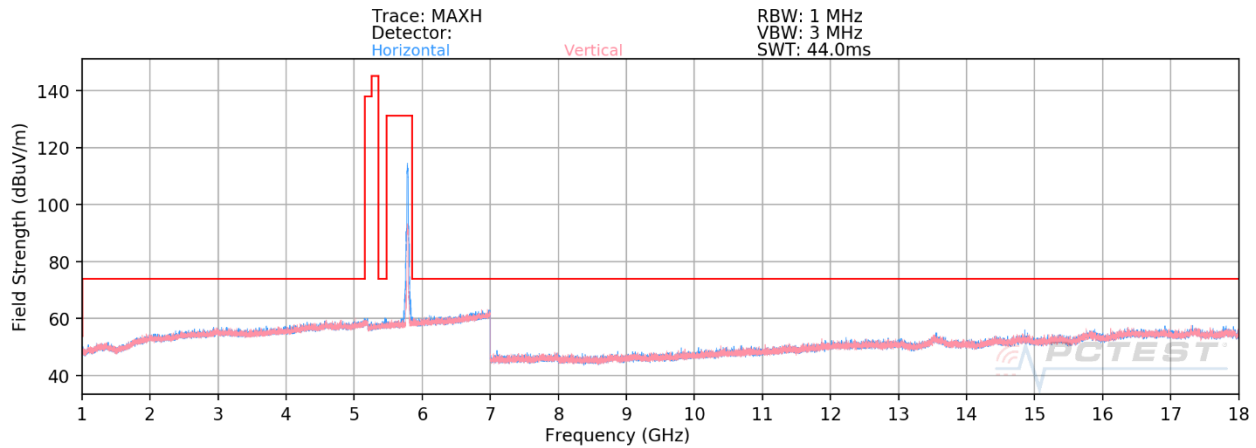


**Plot 7-741. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 144 – RU242)**

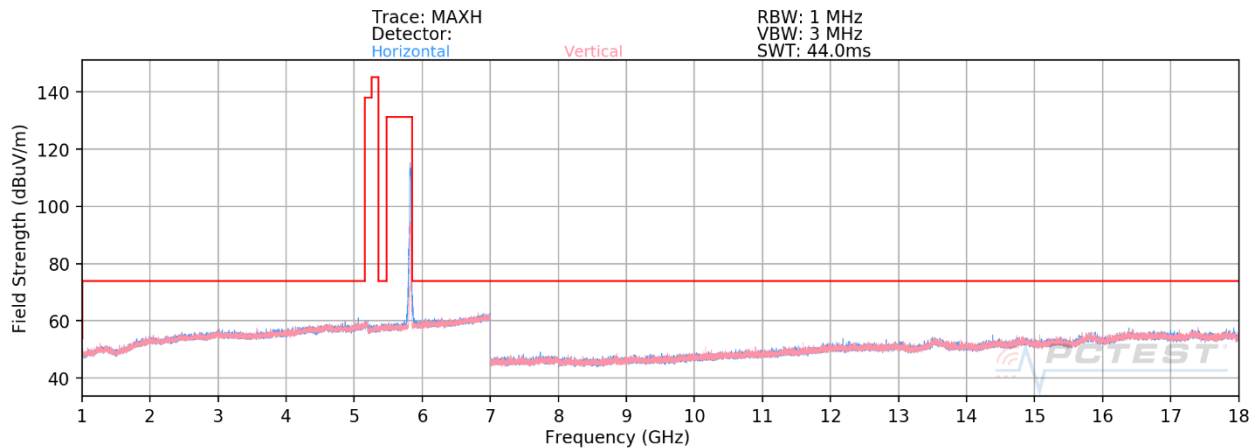
|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           | <b>PCTEST</b>                          | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020 | EUT Type:<br>Tablet Device            | Page 433 of 563                 |



**Plot 7-742. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 149 – RU242)**



**Plot 7-743. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 157 – RU242)**



**Plot 7-744. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 165 – RU242)**

|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           | <b>PCTEST</b>                          | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020 | EUT Type:<br>Tablet Device            | Page 434 of 563                 |

## SISO Core 0 Radiated Spurious Emission Measurements (RU242)

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

Worst Case Mode: 802.11ax (20MHz BW)  
Worst Case Transfer Rate: MCS0  
RU Index: 61  
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               | -                   | -                          | -71.52               | 14.25       | 49.73                   | 68.20          | -18.47      |
| 15540.00        | Average  | H               | -                   | -                          | -85.47               | 20.62       | 42.15                   | 53.98          | -11.83      |
| 15540.00        | Peak     | H               | -                   | -                          | -73.96               | 20.62       | 53.66                   | 73.98          | -20.32      |

Table 7-95. Radiated Measurements SISO CORE 0 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)  
Worst Case Transfer Rate: MCS0  
RU Index: 61  
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               | -                   | -                          | -72.15               | 14.06       | 48.91                   | 68.20          | -19.29      |
| 15600.00        | Average  | H               | -                   | -                          | -85.21               | 20.59       | 42.38                   | 53.98          | -11.60      |
| 15600.00        | Peak     | H               | -                   | -                          | -73.17               | 20.59       | 54.42                   | 73.98          | -19.56      |

Table 7-96. Radiated Measurements SISO CORE 0 (RU242)

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device |                                 |
|                                            |                                                                                                                               |                            | Page 435 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -72.14               | 14.54       | 49.40                   | 68.20          | -18.80      |
| 15720.00        | Average  | H               | -                   | -                          | -85.31               | 21.09       | 42.78                   | 53.98          | -11.20      |
| 15720.00        | Peak     | H               | -                   | -                          | -73.95               | 21.09       | 54.14                   | 73.98          | -19.84      |

**Table 7-97. Radiated Measurements SISO CORE 0 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -71.64               | 14.89       | 50.25                   | 68.20          | -17.95      |
| 15780.00        | Average  | H               | -                   | -                          | -85.71               | 20.78       | 42.07                   | 53.98          | -11.90      |
| 15780.00        | Peak     | H               | -                   | -                          | -74.25               | 20.78       | 53.53                   | 73.98          | -20.44      |

**Table 7-98. Radiated Measurements SISO CORE 0 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -71.80               | 14.54       | 49.74                   | 68.20          | -18.46      |
| 15840.00        | Average  | H               | -                   | -                          | -85.89               | 21.24       | 42.35                   | 53.98          | -11.63      |
| 15840.00        | Peak     | H               | -                   | -                          | -73.76               | 21.24       | 54.48                   | 73.98          | -19.50      |

**Table 7-99. Radiated Measurements SISO CORE 0 (RU242)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 436 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -83.48               | 14.96       | 38.48                   | 53.98          | -15.50      |
| 10640.00        | Peak     | H               | -                   | -                          | -71.51               | 14.96       | 50.45                   | 73.98          | -23.53      |
| 15960.00        | Average  | H               | -                   | -                          | -85.36               | 21.96       | 43.60                   | 53.98          | -10.38      |
| 15960.00        | Peak     | H               | -                   | -                          | -73.56               | 21.96       | 55.40                   | 73.98          | -18.58      |

Table 7-100. Radiated Measurements SISO CORE 0 (RU242)

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 437 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -84.19               | 16.36       | 39.17                   | 53.98          | -14.81      |
| 11000.00        | Peak     | H               | -                   | -                          | -72.78               | 16.36       | 50.58                   | 73.98          | -23.40      |
| 16500.00        | Peak     | H               | -                   | -                          | -72.78               | 21.84       | 56.06                   | 68.20          | -12.14      |

**Table 7-101. Radiated Measurements SISO CORE 0 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -84.26               | 16.15       | 38.89                   | 53.98          | -15.09      |
| 11160.00        | Peak     | H               | -                   | -                          | -72.38               | 16.15       | 50.77                   | 73.98          | -23.21      |
| 16740.00        | Peak     | H               | -                   | -                          | -73.32               | 22.18       | 55.86                   | 68.20          | -12.34      |

**Table 7-102. Radiated Measurements SISO CORE 0 (RU242)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 438 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -84.57               | 17.00       | 39.43                   | 53.98          | -14.55      |
| 11440.00        | Peak     | H               | -                   | -                          | -72.18               | 17.00       | 51.82                   | 73.98          | -22.16      |
| 17160.00        | Peak     | H               | -                   | -                          | -73.55               | 22.04       | 55.49                   | 68.20          | -12.71      |

**Table 7-103. Radiated Measurements SISO CORE 0 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -85.12               | 16.41       | 38.29                   | 53.98          | -15.69      |
| 11490.00        | Peak     | H               | -                   | -                          | -73.54               | 16.41       | 49.87                   | 73.98          | -24.11      |
| 17235.00        | Peak     | H               | -                   | -                          | -73.71               | 22.58       | 55.87                   | 68.20          | -12.33      |

**Table 7-104. Radiated Measurements SISO CORE 0 (RU242)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 439 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -84.23               | 16.96       | 39.73                   | 53.98          | -14.25      |
| 11570.00        | Peak     | H               | -                   | -                          | -72.59               | 16.96       | 51.37                   | 73.98          | -22.61      |
| 17355.00        | Peak     | H               | -                   | -                          | -72.81               | 22.57       | 56.76                   | 68.20          | -11.44      |

**Table 7-105. Radiated Measurements SISO CORE 0 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

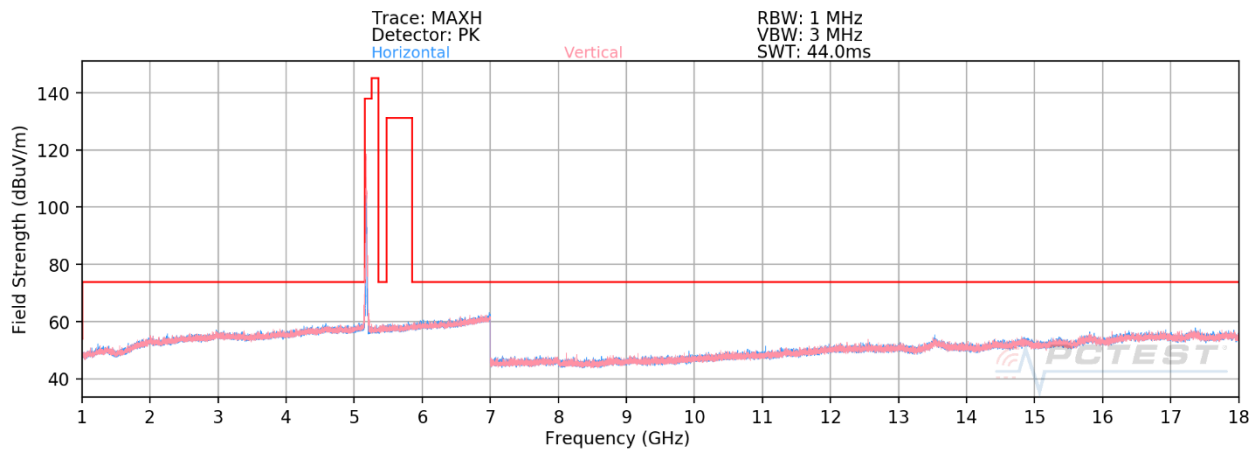
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 11650.00        | Average  | H               | -                   | -                          | -84.27               | 16.43       | 39.16                   | 53.98          | -14.82      |
| 11650.00        | Peak     | H               | -                   | -                          | -72.40               | 16.43       | 51.03                   | 73.98          | -22.95      |
| 17475.00        | Peak     | H               | -                   | -                          | -72.93               | 21.90       | 55.97                   | 68.20          | -12.23      |

**Table 7-106. Radiated Measurements SISO CORE 0 (RU242)**

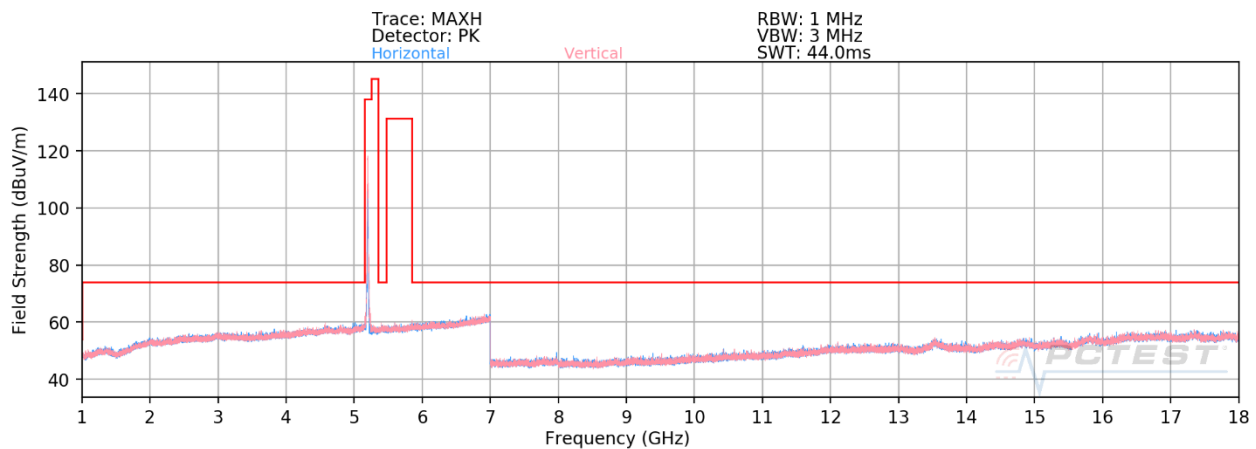
|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 440 of 563                 |

## 6.6.2 SISO Core 1 Radiated Spurious Emission Measurements

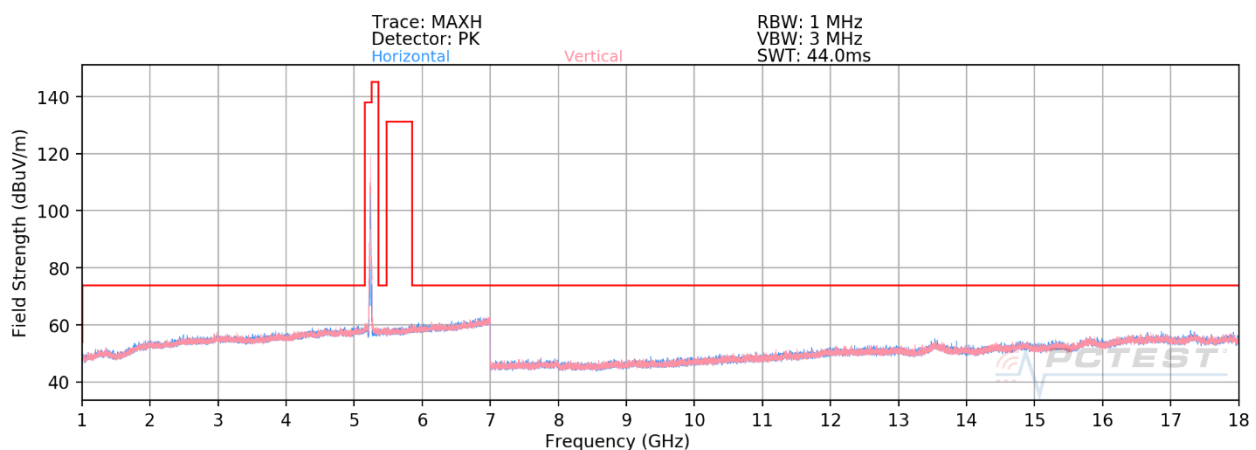
**RU26**



**Plot 7-745. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 36 – RU26)**

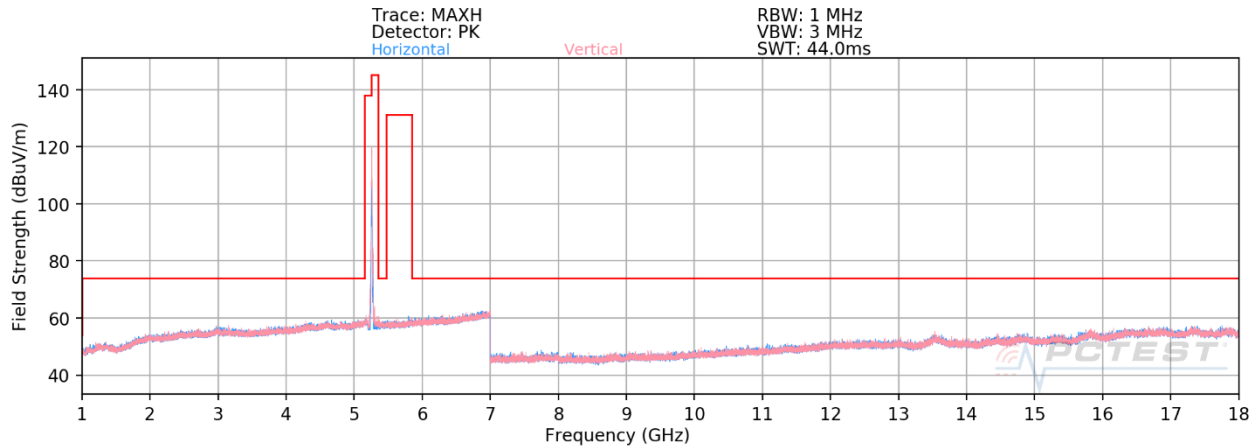


**Plot 7-746. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 40 – RU26)**

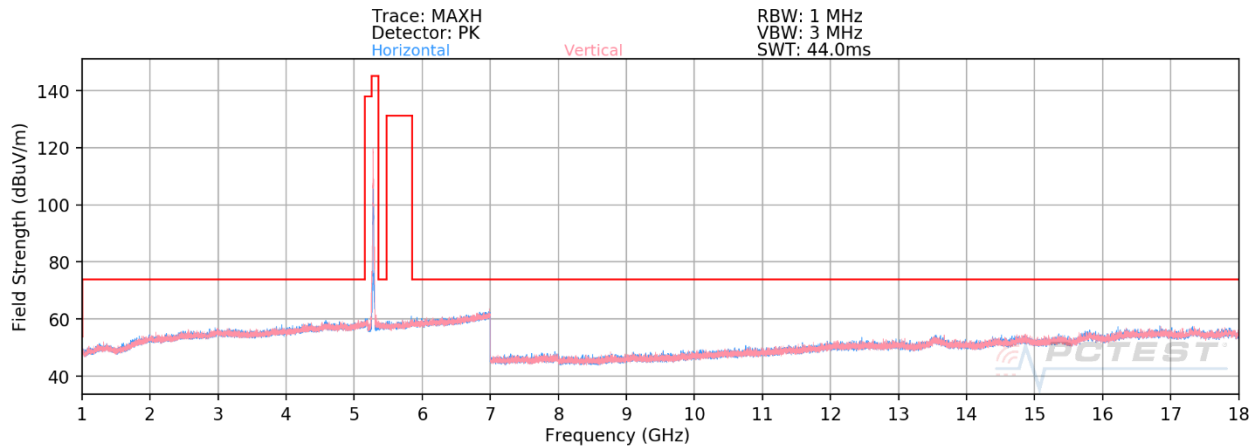


**Plot 7-747. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 48 – RU26)**

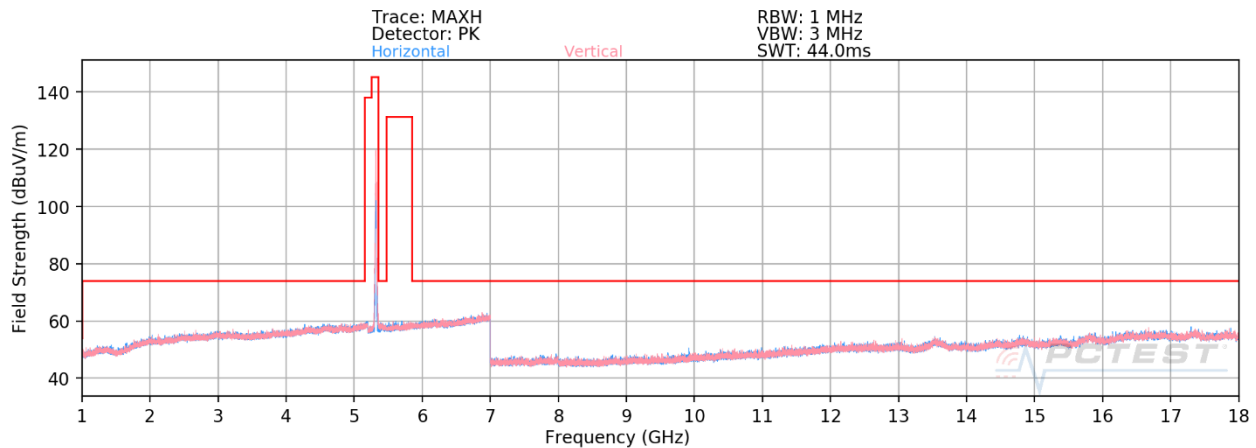
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 441 of 563                 |



**Plot 7-748. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 52 – RU26)**

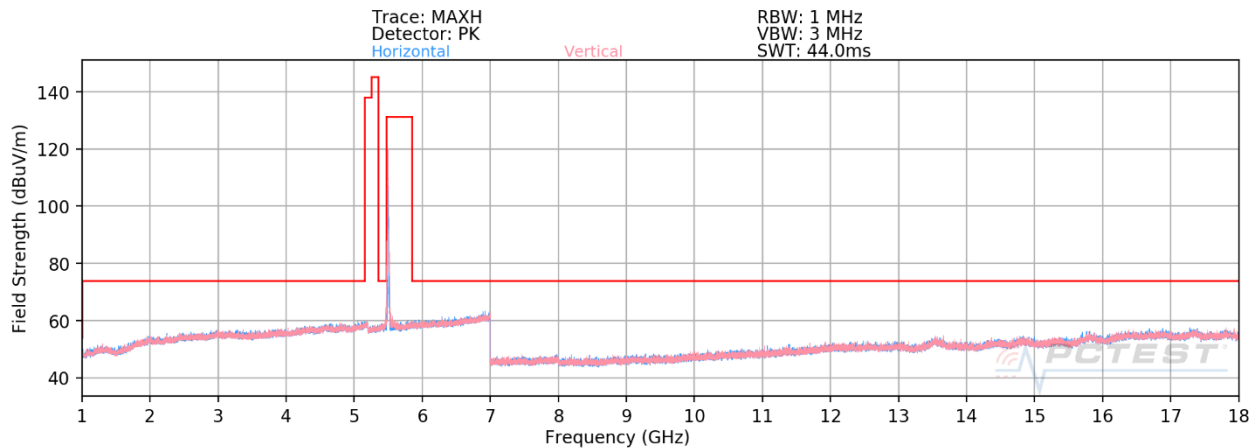


**Plot 7-749. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 56 – RU26)**

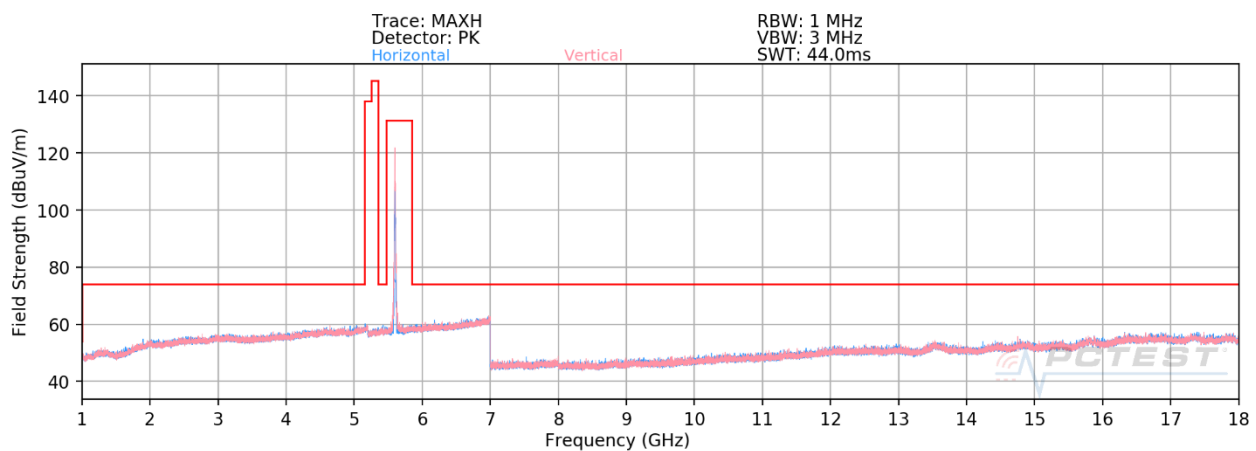


**Plot 7-750. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU26)**

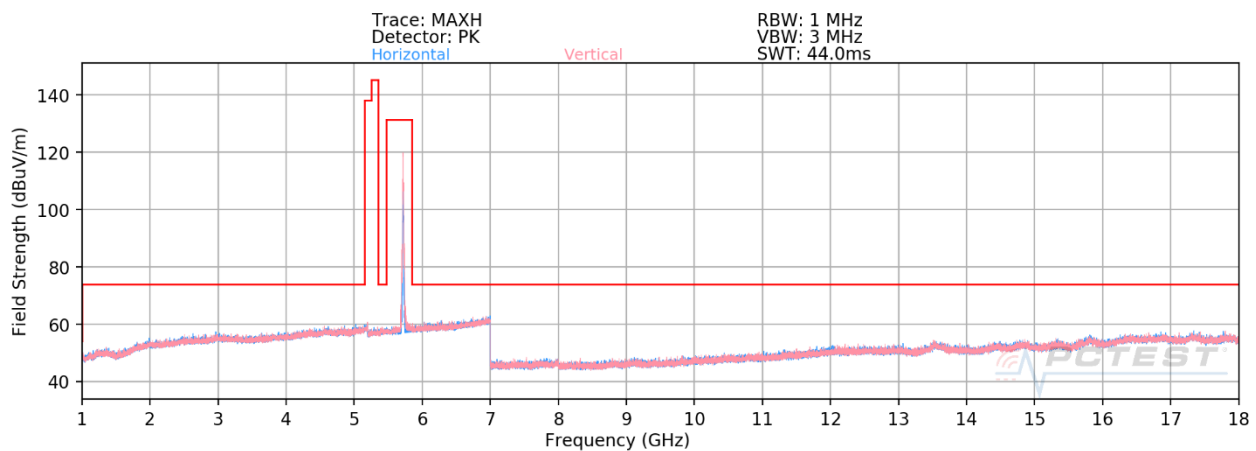
|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 442 of 563                 |



**Plot 7-751. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 100 – RU26)**

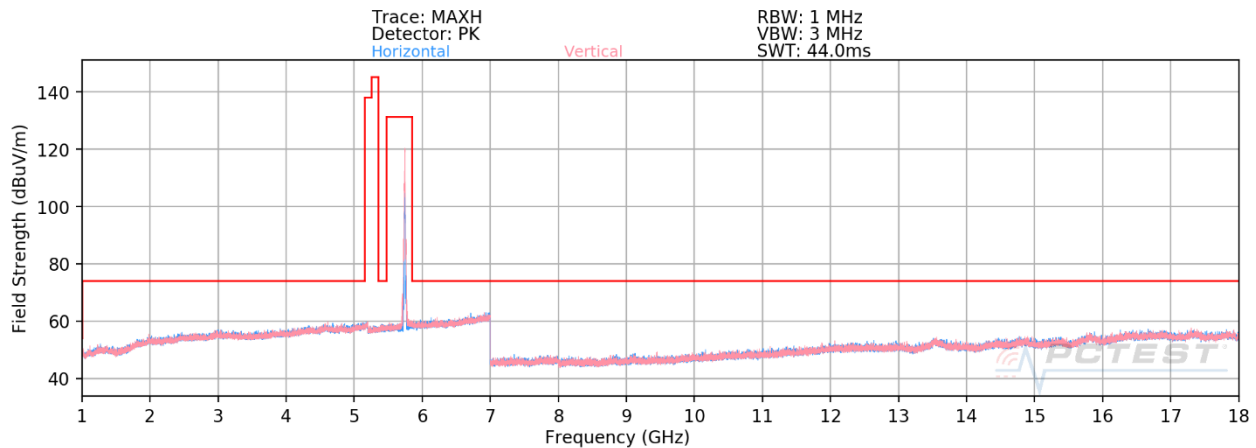


**Plot 7-752. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU26)**

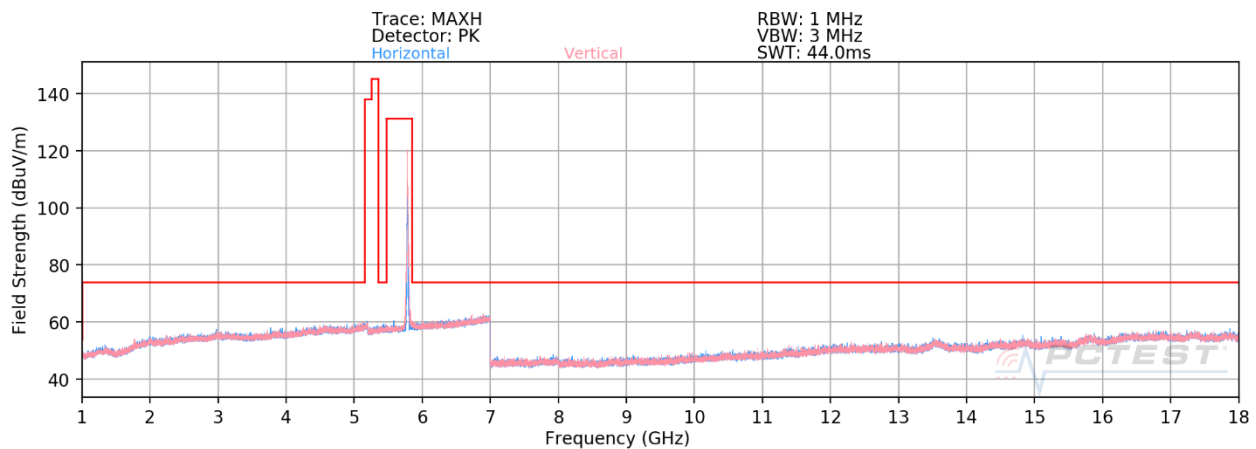


**Plot 7-753. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU26)**

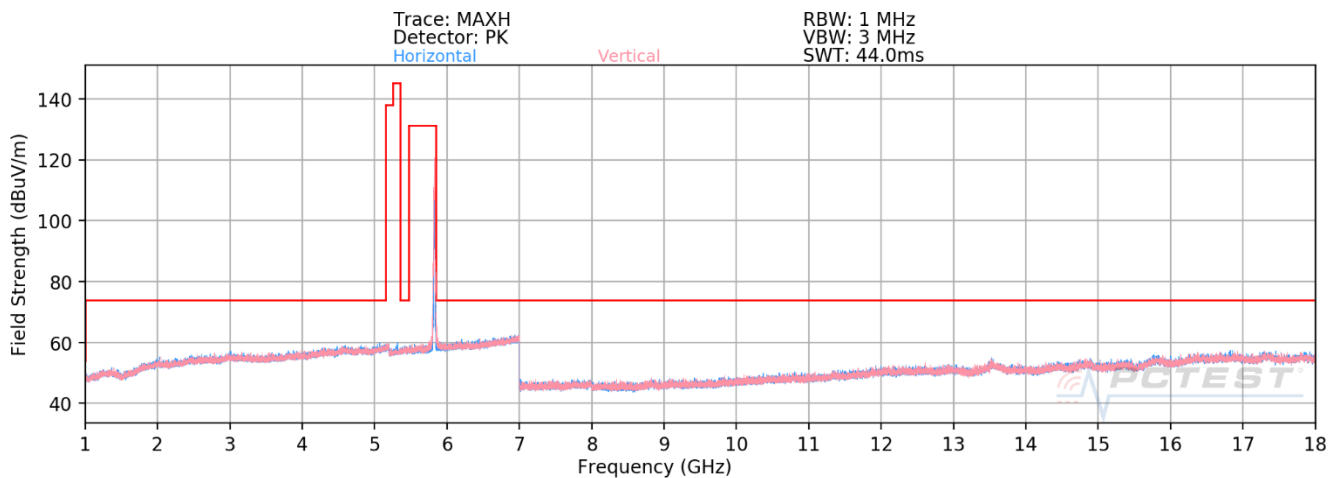
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 443 of 563                 |



**Plot 7-754. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 149 – RU26)**



**Plot 7-755. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 157 – RU26)**



**Plot 7-756. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 165 – RU26)**

|                                            |                                        |                                       |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           | <b>PCTEST</b>                          | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020 | EUT Type:<br>Tablet Device            | Page 444 of 563                 |

## SISO Core 1 Radiated Spurious Emission Measurements

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

|                           |                     |
|---------------------------|---------------------|
| Worst Case Mode:          | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0                |
| RU Index:                 | 54                  |
| 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               | -                   | -                          | -72.14               | 14.25       | 49.11                   | 68.20          | -19.09      |
| 15540.00        | Average  | V               | -                   | -                          | -85.36               | 20.62       | 42.26                   | 53.98          | -11.72      |
| 15540.00        | Peak     | V               | -                   | -                          | -73.21               | 20.62       | 54.41                   | 73.98          | -19.57      |

Table 7-107. Radiated Measurements SISO CORE 1 (RU26)

|                           |                     |
|---------------------------|---------------------|
| Worst Case Mode:          | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0                |
| RU Index:                 | 54                  |
| 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               | 210                 | 44                         | -70.29               | 14.06       | 50.77                   | 68.20          | -17.43      |
| 15600.00        | Average  | V               | -                   | -                          | -85.15               | 20.59       | 42.44                   | 53.98          | -11.54      |
| 15600.00        | Peak     | V               | -                   | -                          | -73.33               | 20.59       | 54.26                   | 73.98          | -19.72      |

Table 7-108. Radiated Measurements SISO CORE 1 (RU26)

|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 445 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -71.41               | 14.54       | 50.13                   | 68.20          | -18.07      |
| 15720.00        | Average  | V               | -                   | -                          | -85.77               | 21.09       | 42.32                   | 53.98          | -11.66      |
| 15720.00        | Peak     | V               | -                   | -                          | -74.13               | 21.09       | 53.96                   | 73.98          | -20.02      |

**Table 7-109. Radiated Measurements SISO CORE 1 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -72.03               | 14.89       | 49.86                   | 68.20          | -18.34      |
| 15780.00        | Average  | V               | -                   | -                          | -85.88               | 20.78       | 41.90                   | 53.98          | -12.07      |
| 15780.00        | Peak     | V               | -                   | -                          | -74.23               | 20.78       | 53.55                   | 73.98          | -20.42      |

**Table 7-110. Radiated Measurements SISO CORE 1 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 446 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -71.38               | 14.54       | 50.16                   | 68.20          | -18.04      |
| 15840.00        | Average  | V               | -                   | -                          | -84.99               | 21.24       | 43.25                   | 53.98          | -10.73      |
| 15840.00        | Peak     | V               | -                   | -                          | -73.91               | 21.24       | 54.33                   | 73.98          | -19.65      |

**Table 7-111. Radiated Measurements SISO CORE 1 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -83.22               | 14.96       | 38.74                   | 53.98          | -15.24      |
| 10640.00        | Peak     | V               | -                   | -                          | -71.67               | 14.96       | 50.29                   | 73.98          | -23.69      |
| 15960.00        | Average  | V               | -                   | -                          | -85.29               | 21.96       | 43.67                   | 53.98          | -10.31      |
| 15960.00        | Peak     | V               | -                   | -                          | -73.04               | 21.96       | 55.92                   | 73.98          | -18.06      |

**Table 7-112. Radiated Measurements SISO CORE 1 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 447 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.17               | 16.36       | 39.19                   | 53.98          | -14.79      |
| 11000.00        | Peak     | V               | -                   | -                          | -72.40               | 16.36       | 50.96                   | 73.98          | -23.02      |
| 16500.00        | Peak     | V               | -                   | -                          | -73.40               | 21.84       | 55.44                   | 68.20          | -12.76      |

**Table 7-113. Radiated Measurements SISO CORE 1 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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  | V               | -                   | -                          | -73.02               | 16.15       | 50.13                   | 53.98          | -3.85       |
| 11160.00        | Peak     | V               | -                   | -                          | -72.76               | 16.15       | 50.39                   | 73.98          | -23.59      |
| 16740.00        | Peak     | V               | -                   | -                          | -72.78               | 22.18       | 56.40                   | 68.20          | -11.80      |

**Table 7-114. Radiated Measurements SISO CORE 1 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 448 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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  | V               | -                   | -                          | -84.52               | 17.00       | 39.48                   | 53.98          | -14.50      |
| 11440.00        | Peak     | V               | -                   | -                          | -73.13               | 17.00       | 50.87                   | 73.98          | -23.11      |
| 17160.00        | Peak     | V               | -                   | -                          | -73.21               | 22.04       | 55.83                   | 68.20          | -12.37      |

**Table 7-115. Radiated Measurements SISO CORE 1 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.43               | 16.41       | 38.98                   | 53.98          | -15.00      |
| 11490.00        | Peak     | V               | -                   | -                          | -72.55               | 16.41       | 50.86                   | 73.98          | -23.12      |
| 17235.00        | Peak     | V               | -                   | -                          | -72.94               | 22.58       | 56.64                   | 68.20          | -11.56      |

**Table 7-116. Radiated Measurements SISO CORE 1 (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device |                                 |
|                                            |                                                                                                                               |                            | Page 449 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.28               | 16.96       | 39.68                   | 53.98          | -14.30      |
| 11570.00        | Peak     | V               | -                   | -                          | -72.92               | 16.96       | 51.04                   | 73.98          | -22.94      |
| 17355.00        | Peak     | V               | -                   | -                          | -72.94               | 22.57       | 56.63                   | 68.20          | -11.57      |

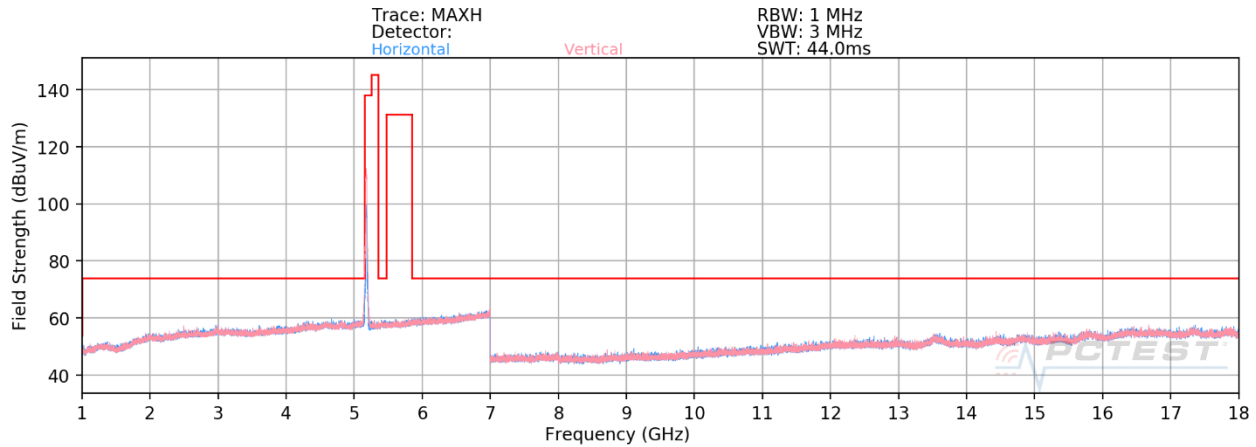
**Table 7-117. Radiated Measurements SISO CORE 1 (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

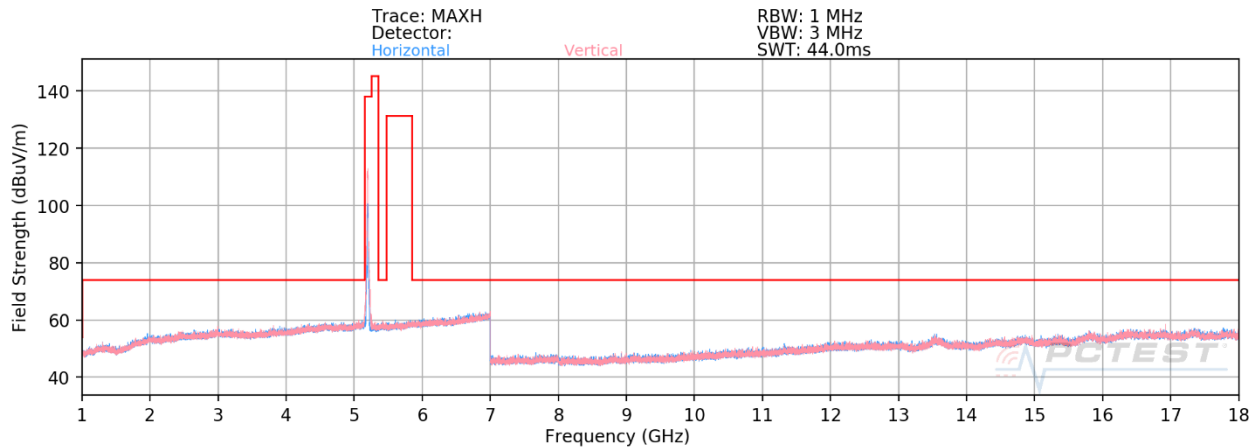
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 11650.00        | Average  | V               | -                   | -                          | -84.17               | 16.43       | 39.26                   | 53.98          | -14.72      |
| 11650.00        | Peak     | V               | -                   | -                          | -72.41               | 16.43       | 51.02                   | 73.98          | -22.96      |
| 17475.00        | Peak     | V               | -                   | -                          | -72.98               | 21.90       | 55.92                   | 68.20          | -12.28      |

**Table 7-118. Radiated Measurements SISO CORE 1 (RU26)**

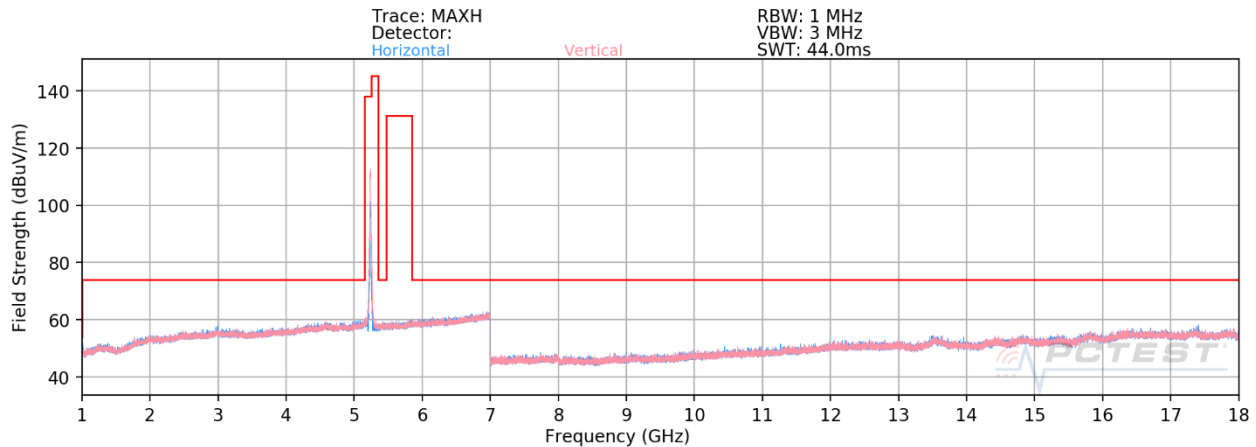
|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 450 of 563                 |



**Plot 7-757. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 36 – RU242)**

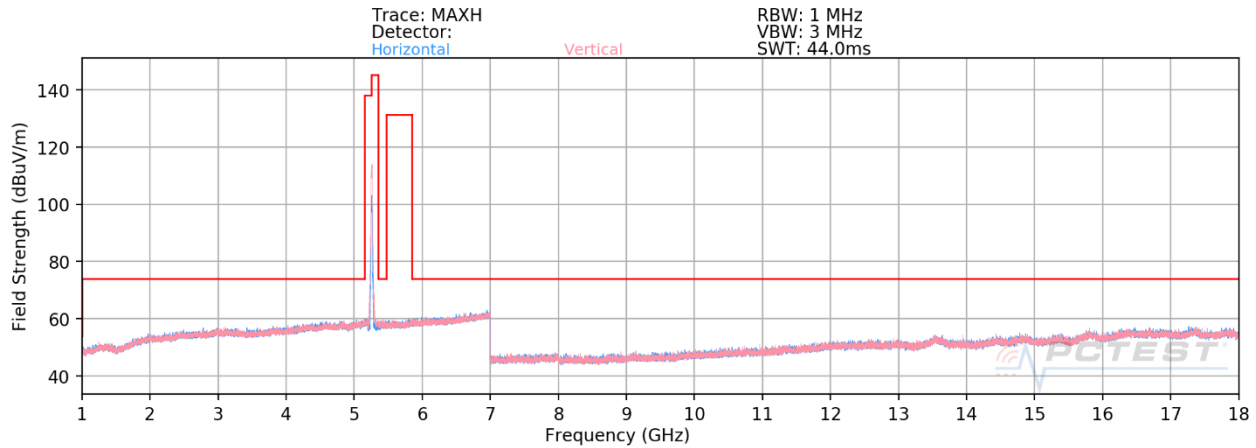


**Plot 7-758. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 40 – RU26)**

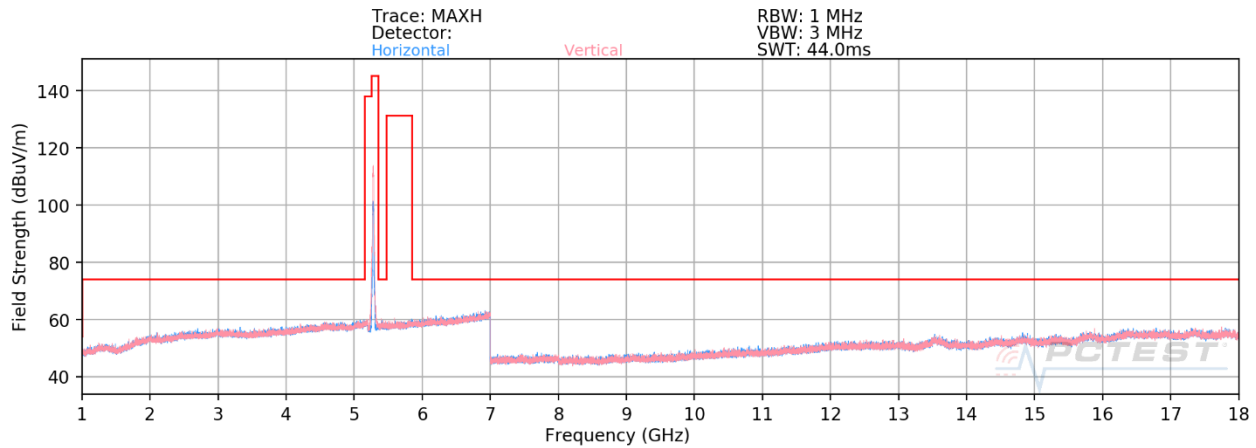


**Plot 7-759. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 48 – RU242)**

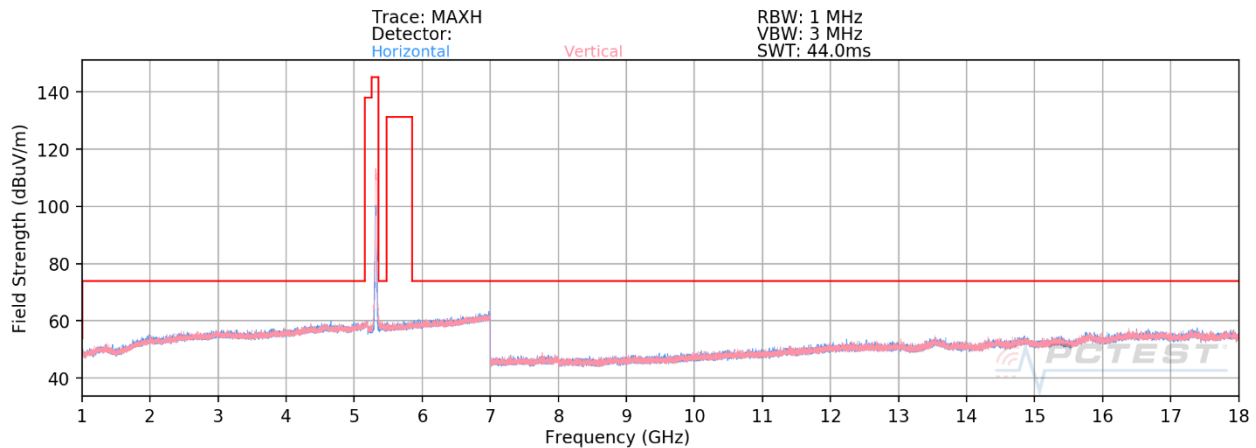
|                                            |                                        |                                       |  |                                 |
|--------------------------------------------|----------------------------------------|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2229                           | <b>PCTEST</b>                          | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020 | EUT Type:<br>Tablet Device            |  | Page 451 of 563                 |



**Plot 7-760. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 52 – RU242)**

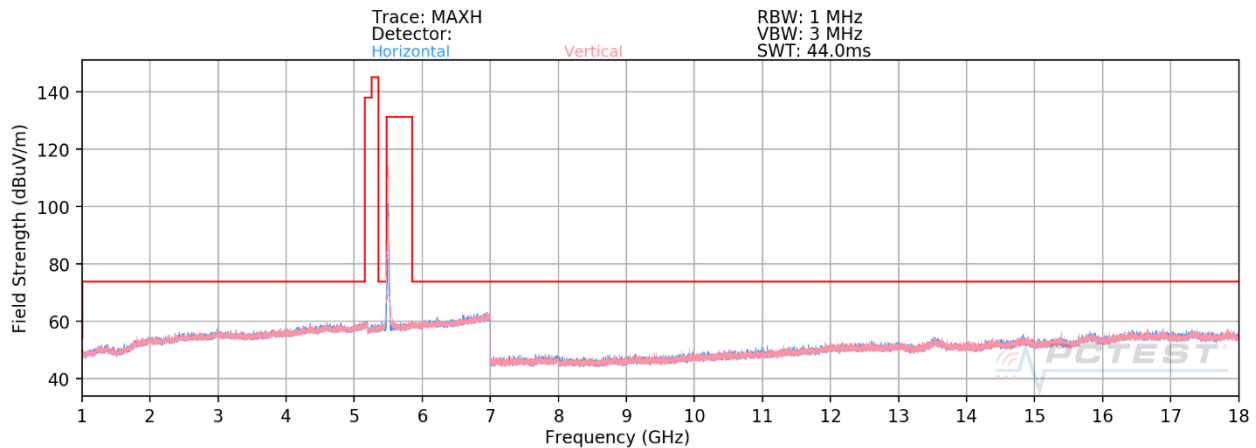


**Plot 7-761. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 56 – RU242)**

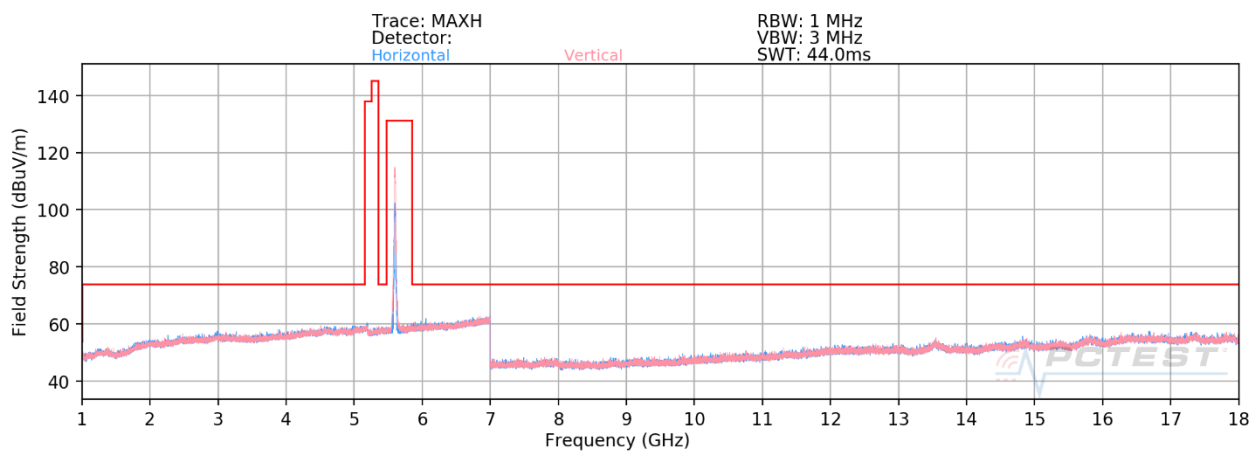


**Plot 7-762. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU242)**

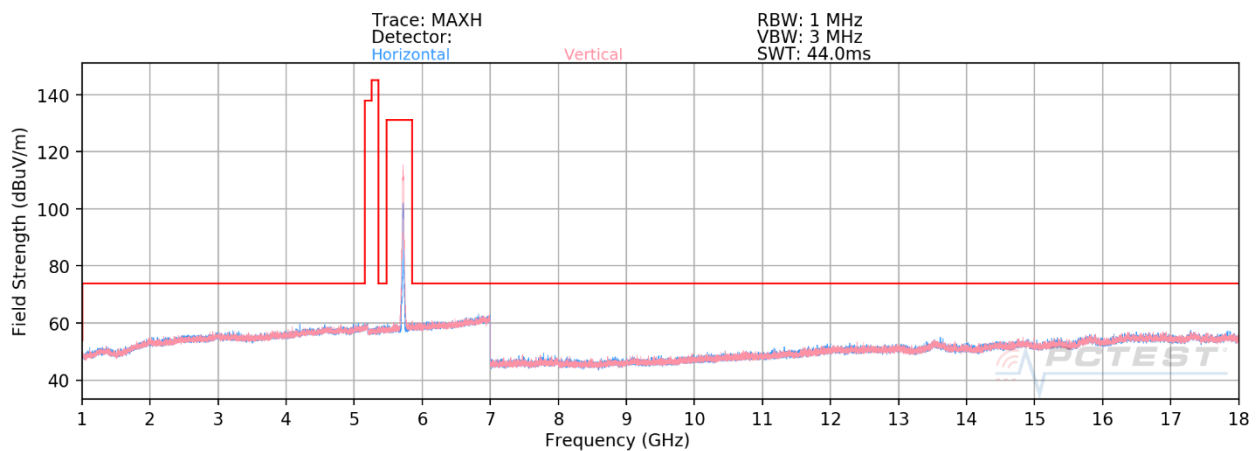
|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 452 of 563                 |



**Plot 7-763. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 100 – RU242)**

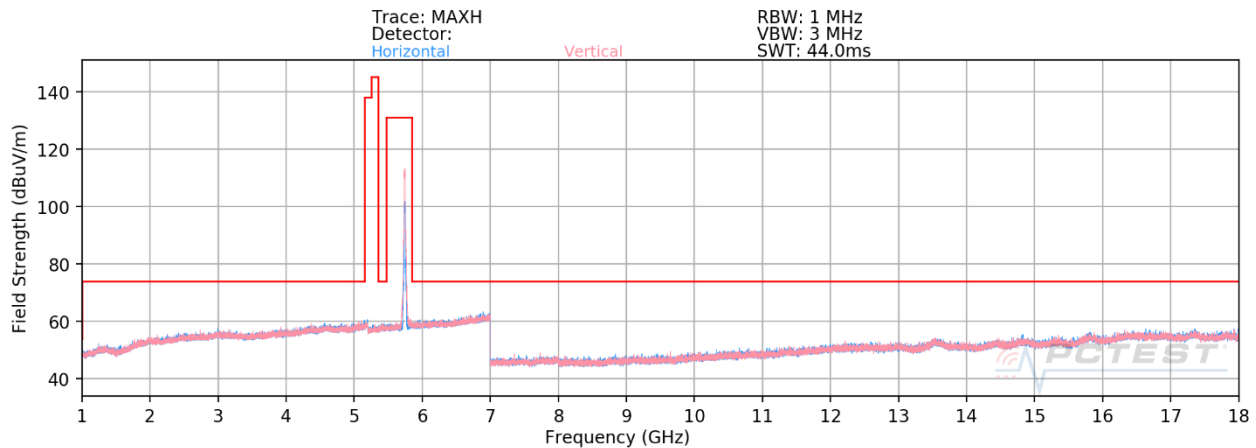


**Plot 7-764. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU242)**

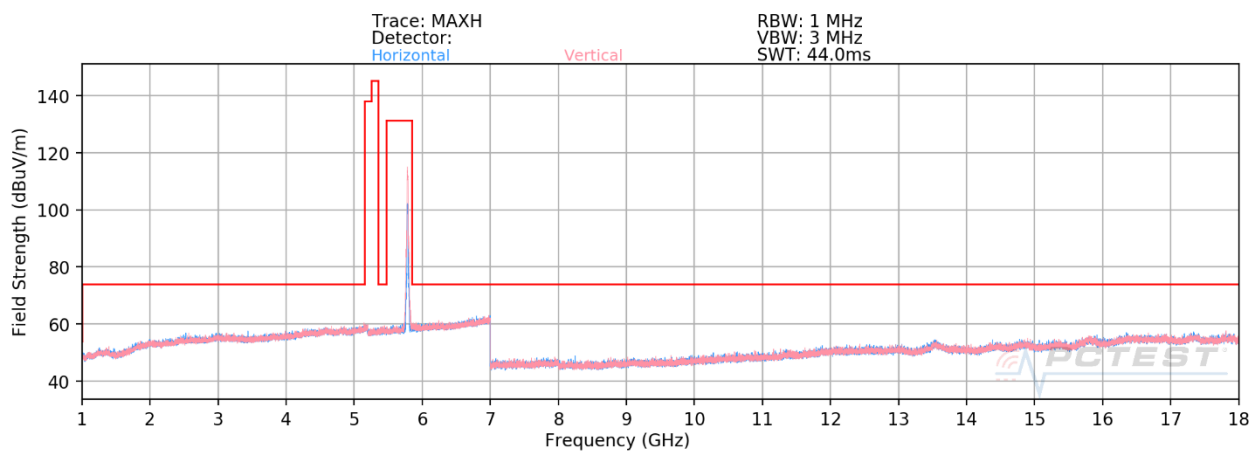


**Plot 7-765. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU242)**

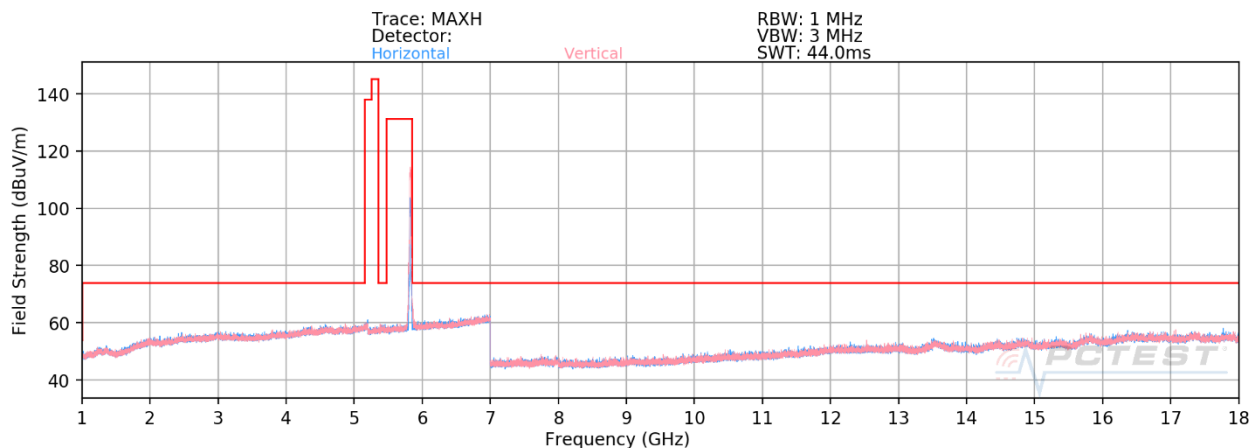
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 453 of 563                 |



**Plot 7-766. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 149 – RU242)**



**Plot 7-767. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 157 – RU242)**



**Plot 7-768. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 165 – RU242)**

|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 454 of 563                 |

## SISO Core 1 Radiated Spurious Emission Measurements

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

|                           |                     |
|---------------------------|---------------------|
| Worst Case Mode:          | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0                |
| RU Index:                 | 61                  |
| 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               | -                   | -                          | -71.78               | 14.25       | 49.47                   | 68.20          | -18.73      |
| 15540.00        | Average  | V               | -                   | -                          | -85.16               | 20.62       | 42.46                   | 53.98          | -11.52      |
| 15540.00        | Peak     | V               | -                   | -                          | -72.80               | 20.62       | 54.82                   | 73.98          | -19.16      |

Table 7-119. Radiated Measurements SISO CORE 1 (RU242)

|                           |                     |
|---------------------------|---------------------|
| Worst Case Mode:          | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0                |
| RU Index:                 | 61                  |
| 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               | -                   | -                          | -71.92               | 14.06       | 49.14                   | 68.20          | -19.06      |
| 15600.00        | Average  | V               | -                   | -                          | -85.17               | 20.59       | 42.42                   | 53.98          | -11.56      |
| 15600.00        | Peak     | V               | -                   | -                          | -73.05               | 20.59       | 54.54                   | 73.98          | -19.44      |

Table 7-120. Radiated Measurements SISO CORE 1 (RU242)

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 455 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -71.92               | 14.54       | 49.62                   | 68.20          | -18.58      |
| 15720.00        | Average  | V               | -                   | -                          | -83.31               | 21.09       | 44.78                   | 53.98          | -9.20       |
| 15720.00        | Peak     | V               | -                   | -                          | -73.92               | 21.09       | 54.17                   | 73.98          | -19.81      |

**Table 7-121. Radiated Measurements SISO CORE 1 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -72.01               | 14.89       | 49.88                   | 68.20          | -18.32      |
| 15780.00        | Average  | V               | -                   | -                          | -85.87               | 20.78       | 41.91                   | 53.98          | -12.06      |
| 15780.00        | Peak     | V               | -                   | -                          | -74.05               | 20.78       | 53.73                   | 73.98          | -20.24      |

**Table 7-122. Radiated Measurements SISO CORE 1 (RU242)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 456 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -71.33               | 14.54       | 50.21                   | 68.20          | -17.99      |
| 15840.00        | Average  | V               | -                   | -                          | -85.86               | 21.24       | 42.38                   | 53.98          | -11.60      |
| 15840.00        | Peak     | V               | -                   | -                          | -74.08               | 21.24       | 54.16                   | 73.98          | -19.82      |

**Table 7-123. Radiated Measurements SISO CORE 1 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -83.53               | 14.96       | 38.43                   | 53.98          | -15.55      |
| 10640.00        | Peak     | V               | -                   | -                          | -71.90               | 14.96       | 50.06                   | 73.98          | -23.92      |
| 15960.00        | Average  | V               | -                   | -                          | -85.53               | 21.96       | 43.43                   | 53.98          | -10.55      |
| 15960.00        | Peak     | V               | -                   | -                          | -73.67               | 21.96       | 55.29                   | 73.98          | -18.69      |

**Table 7-124. Radiated Measurements SISO CORE 1 (RU242)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 457 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -84.16               | 16.36       | 39.20                   | 53.98          | -14.78      |
| 11000.00        | Peak     | V               | -                   | -                          | -72.67               | 16.36       | 50.69                   | 73.98          | -23.29      |
| 16500.00        | Peak     | V               | -                   | -                          | -72.95               | 21.84       | 55.89                   | 68.20          | -12.31      |

**Table 7-125. Radiated Measurements SISO CORE 1 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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  | V               | -                   | -                          | -84.39               | 16.15       | 38.76                   | 53.98          | -15.22      |
| 11160.00        | Peak     | V               | -                   | -                          | -72.99               | 16.15       | 50.16                   | 73.98          | -23.82      |
| 16740.00        | Peak     | V               | -                   | -                          | -73.52               | 22.18       | 55.66                   | 68.20          | -12.54      |

**Table 7-126. Radiated Measurements SISO CORE 1 (RU242)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 458 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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  | V               | -                   | -                          | -84.65               | 17.00       | 39.35                   | 53.98          | -14.63      |
| 11440.00        | Peak     | V               | -                   | -                          | -73.02               | 17.00       | 50.98                   | 73.98          | -23.00      |
| 17160.00        | Peak     | V               | -                   | -                          | -73.42               | 22.04       | 55.62                   | 68.20          | -12.58      |

**Table 7-127. Radiated Measurements SISO CORE 1 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -84.32               | 16.41       | 39.09                   | 53.98          | -14.89      |
| 11490.00        | Peak     | V               | -                   | -                          | -73.37               | 16.41       | 50.04                   | 73.98          | -23.94      |
| 17235.00        | Peak     | V               | -                   | -                          | -72.40               | 22.58       | 57.18                   | 68.20          | -11.02      |

**Table 7-128. Radiated Measurements SISO CORE 1 (RU242)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 459 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 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               | -                   | -                          | -84.15               | 16.96       | 39.81                   | 53.98          | -14.17      |
| 11570.00        | Peak     | V               | -                   | -                          | -71.93               | 16.96       | 52.03                   | 73.98          | -21.95      |
| 17355.00        | Peak     | V               | -                   | -                          | -72.92               | 22.57       | 56.65                   | 68.20          | -11.55      |

**Table 7-129. Radiated Measurements SISO CORE 1 (RU242)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

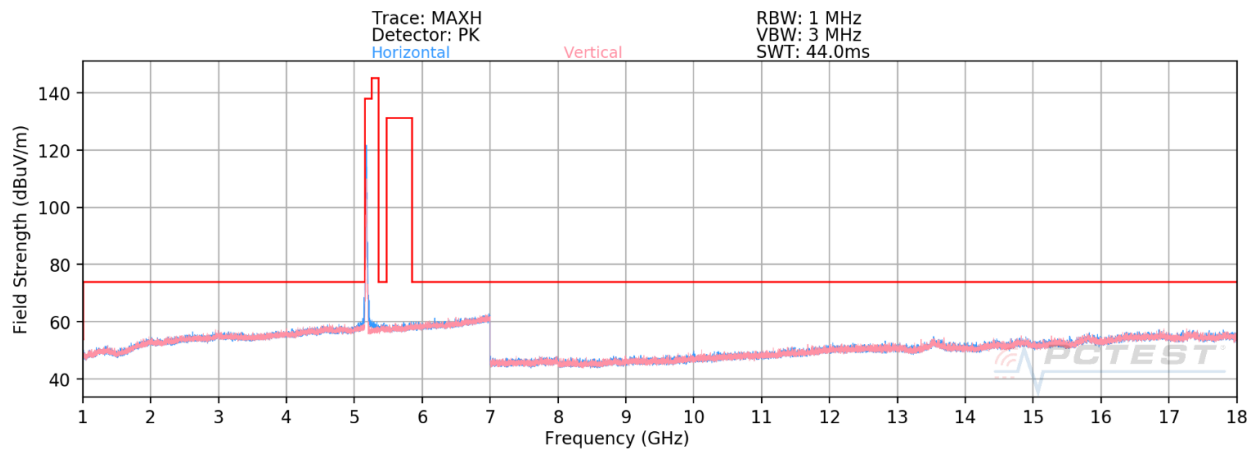
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 11650.00        | Average  | V               | -                   | -                          | -84.17               | 16.43       | 39.26                   | 53.98          | -14.72      |
| 11650.00        | Peak     | V               | -                   | -                          | -72.30               | 16.43       | 51.13                   | 73.98          | -22.85      |
| 17475.00        | Peak     | V               | -                   | -                          | -72.75               | 21.90       | 56.15                   | 68.20          | -12.05      |

**Table 7-130. Radiated Measurements SISO CORE 1 (RU242)**

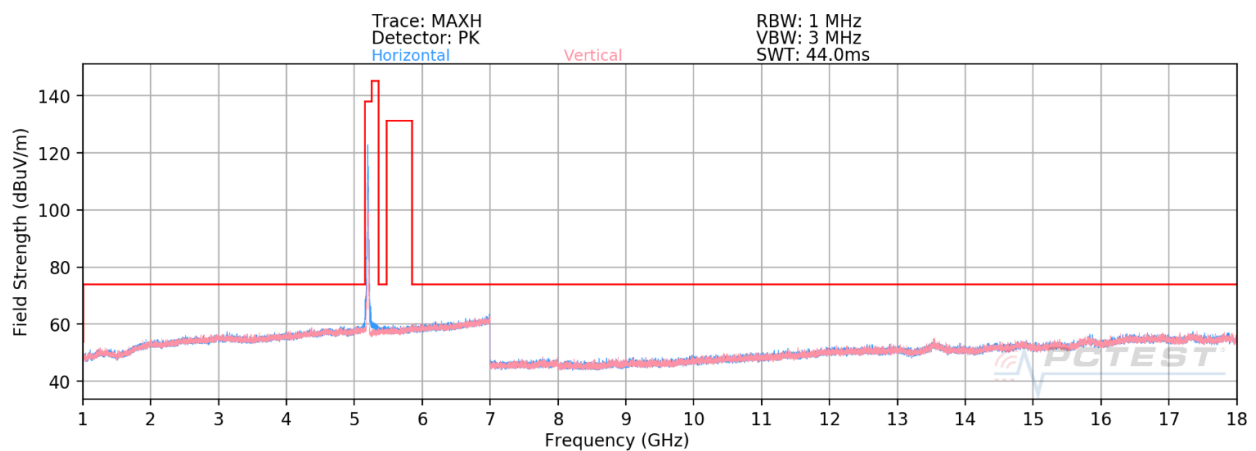
|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 460 of 563                 |

## 6.6.3 CDD/SDM Radiated Spurious Emission Measurements

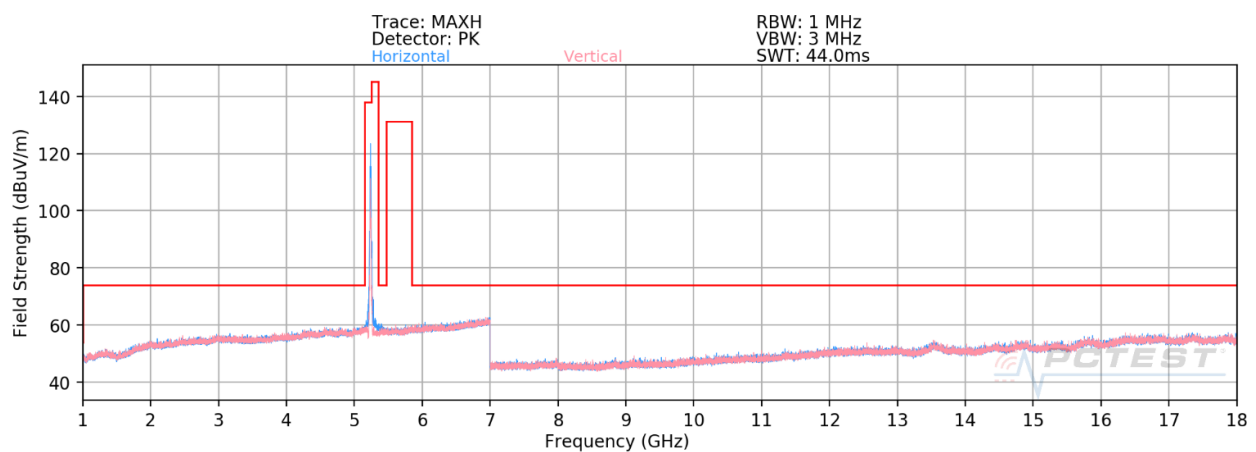
RU26



Plot 7-769. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 36 – RU26)

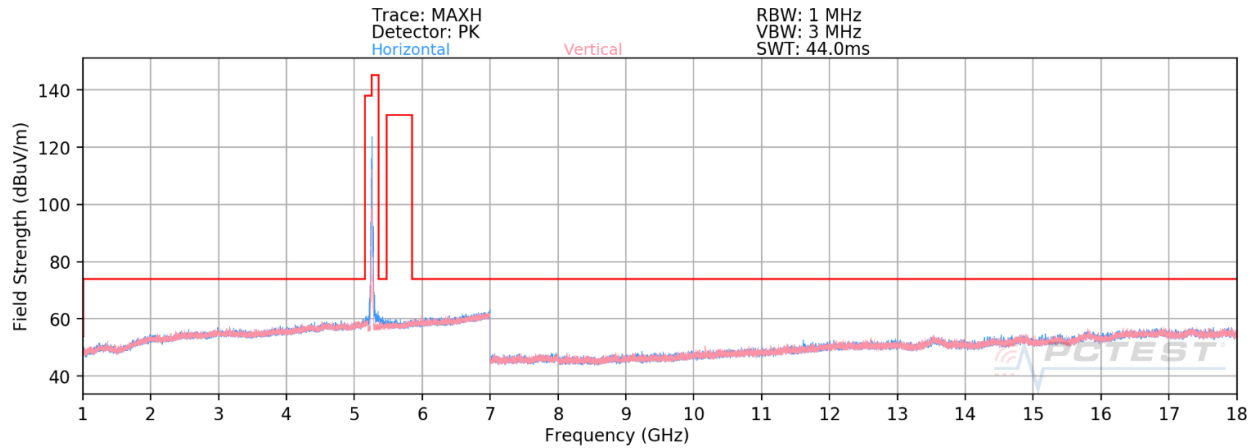


Plot 7-770. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 40 – RU26)

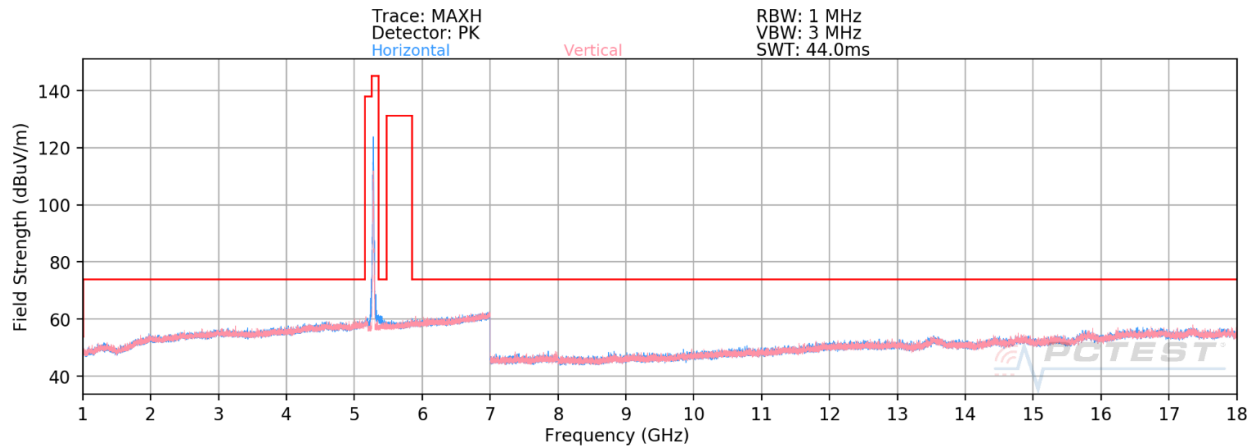


Plot 7-771. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 48 – RU26)

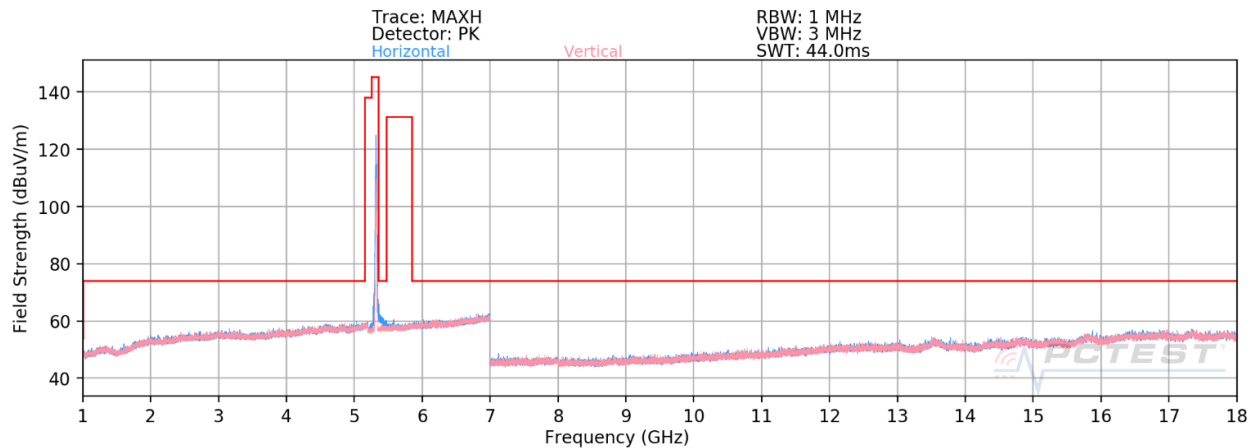
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 461 of 563                 |



**Plot 7-772. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2A Ch. 52 – RU26)**

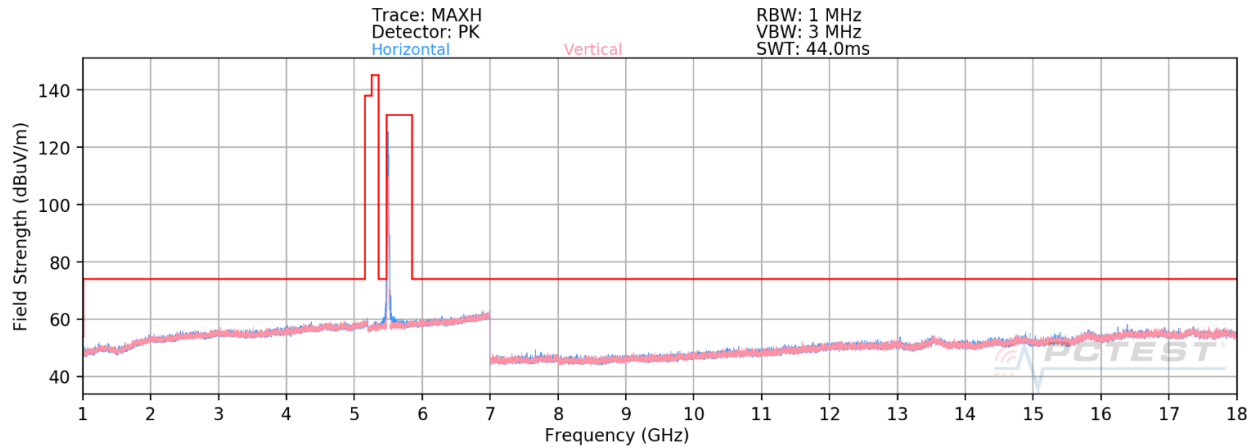


**Plot 7-773. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2A Ch. 56 – RU26)**

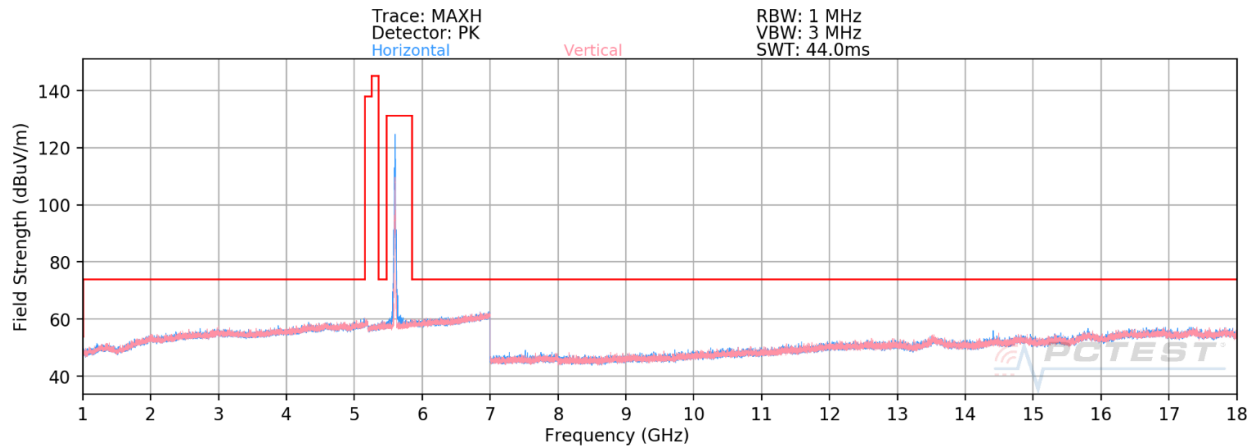


**Plot 7-774. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2A Ch. 64 – RU26)**

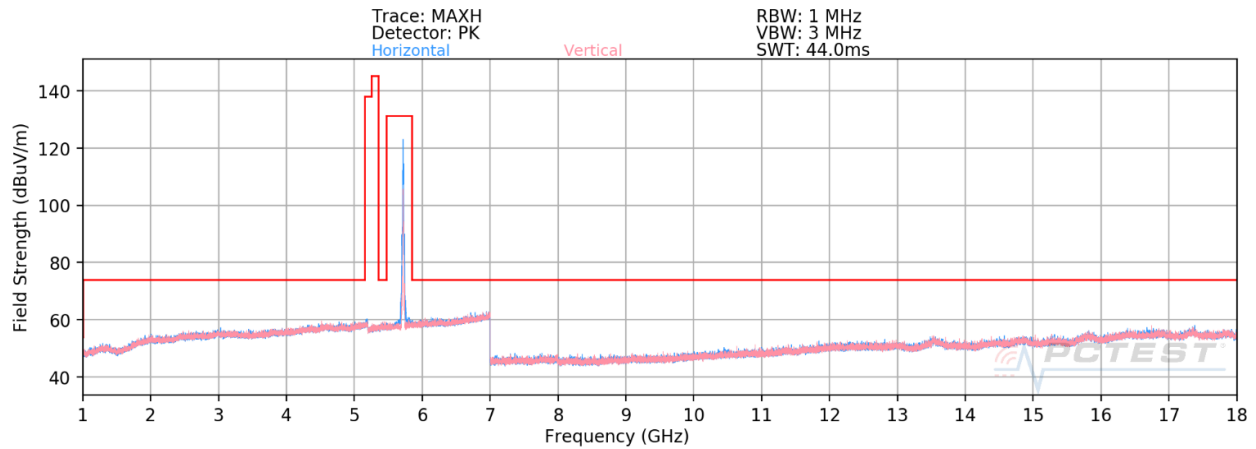
|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 462 of 563                 |



**Plot 7-775. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 100 – RU26)**

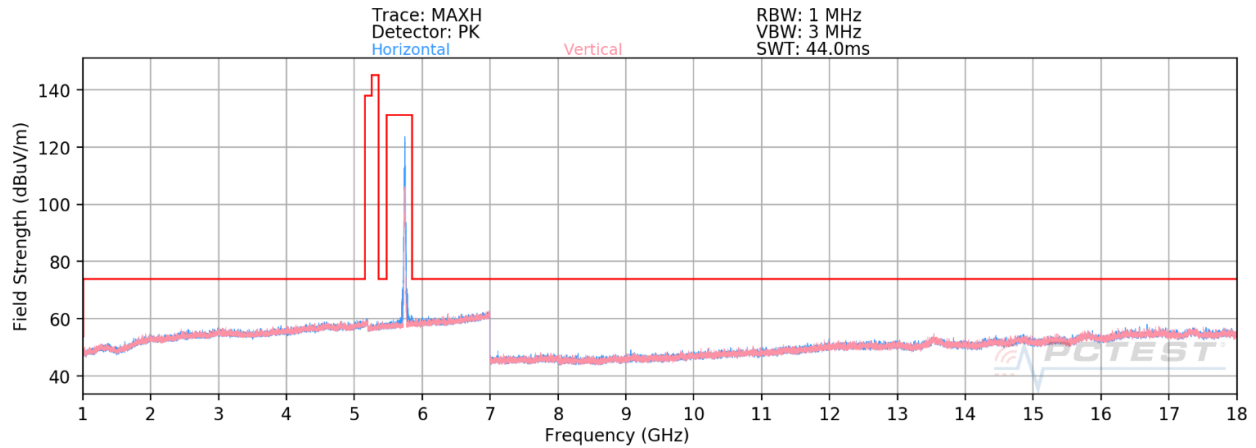


**Plot 7-776. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 116 – RU26)**

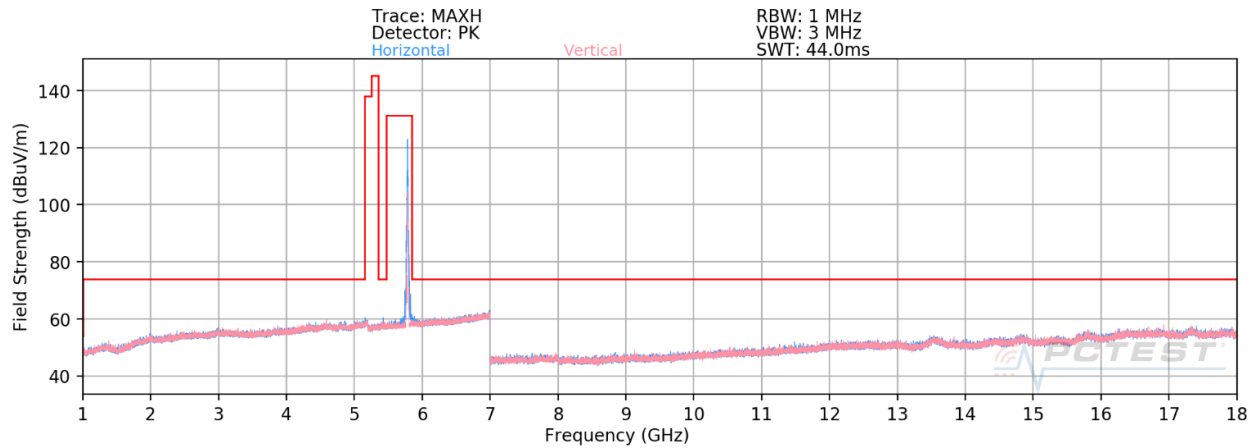


**Plot 7-777. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 144 – RU26)**

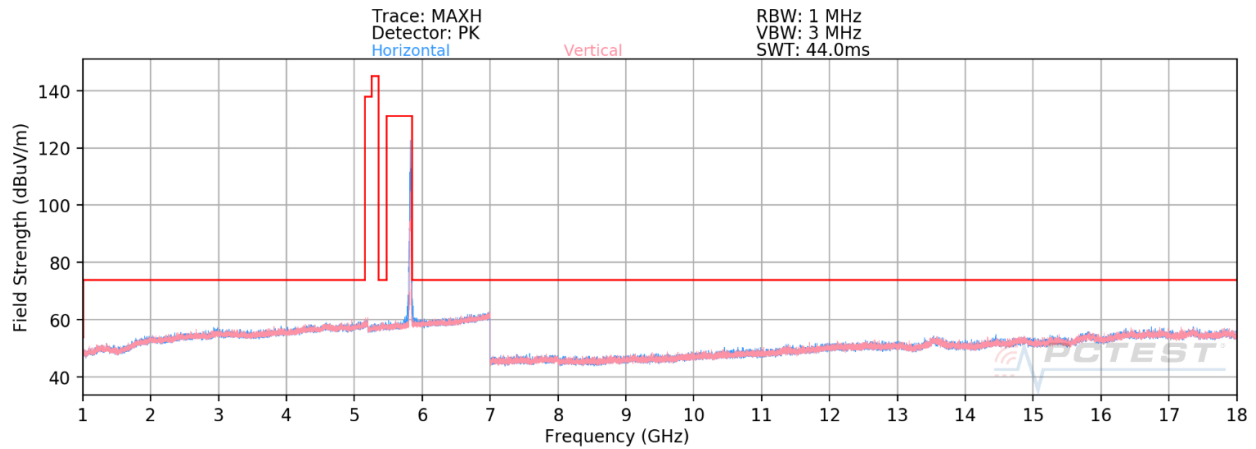
|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 463 of 563                 |



**Plot 7-778. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 149 – RU26)**



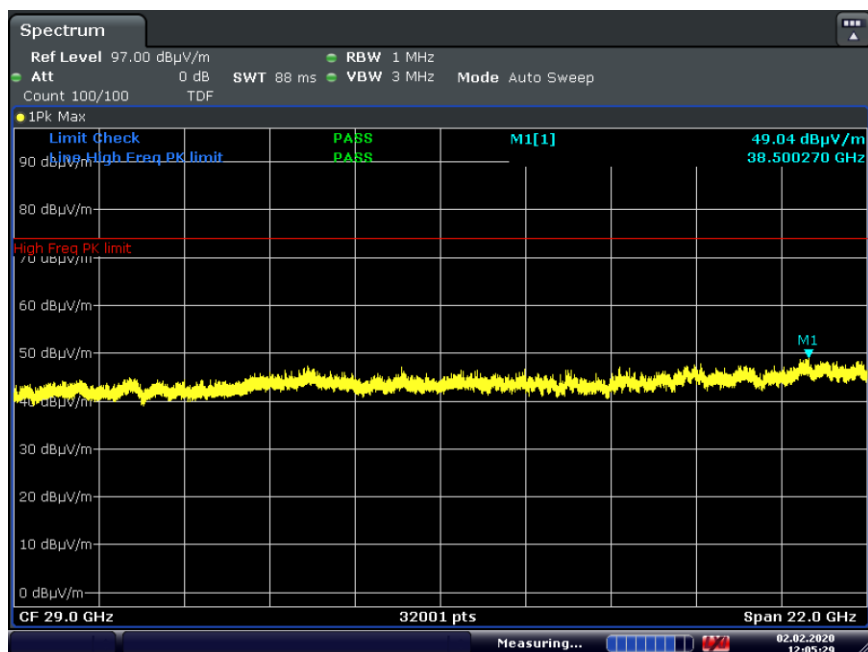
**Plot 7-779. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 157 – RU26)**



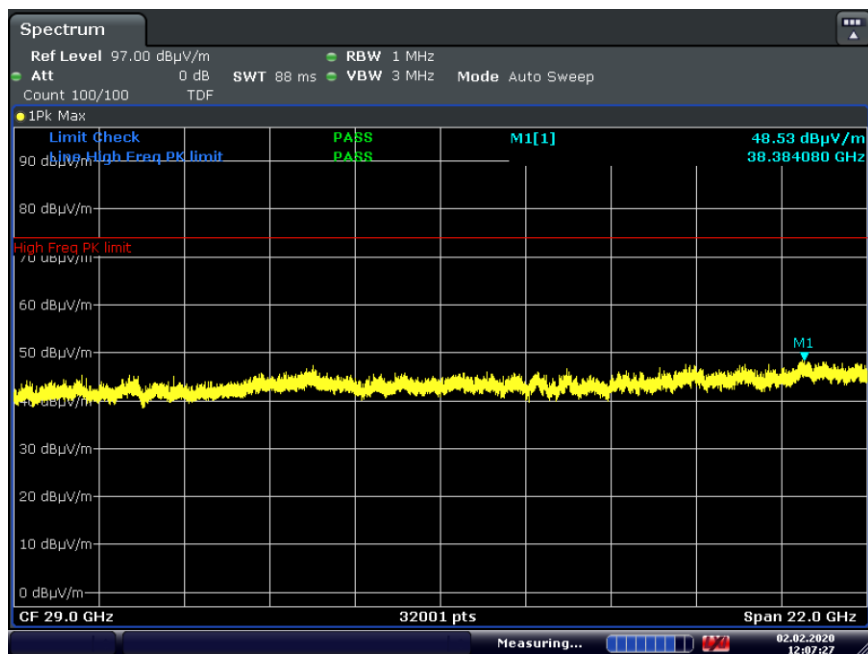
**Plot 7-780. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 165 – RU26)**

|                                            |                                                                                                                                   |                            |                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                            | EUT Type:<br>Tablet Device | Page 464 of 563                 |

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

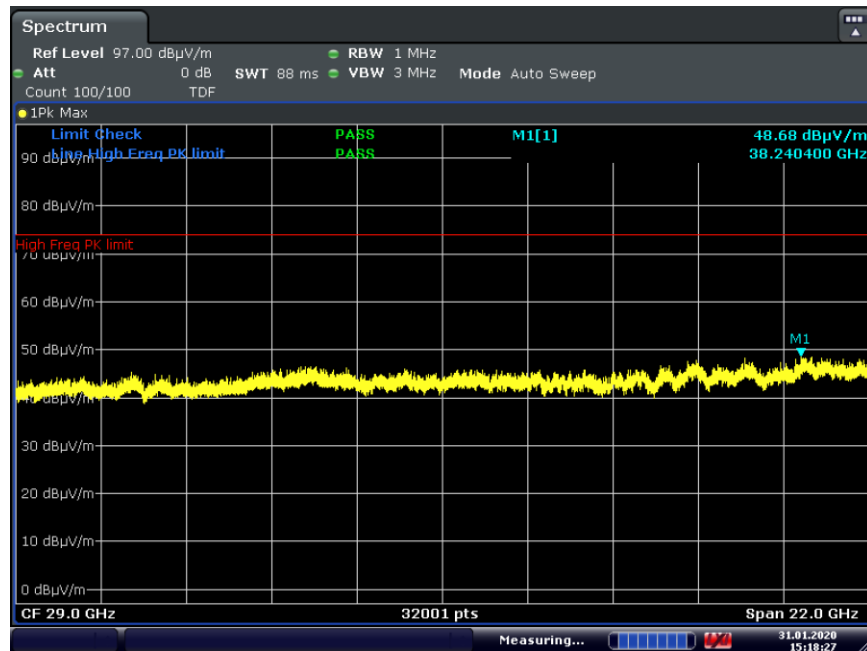


Plot 7-781. Radiated Spurious Plot 18GHz – 40 GHz CDD (802.11ax – RU26, Pol. H)

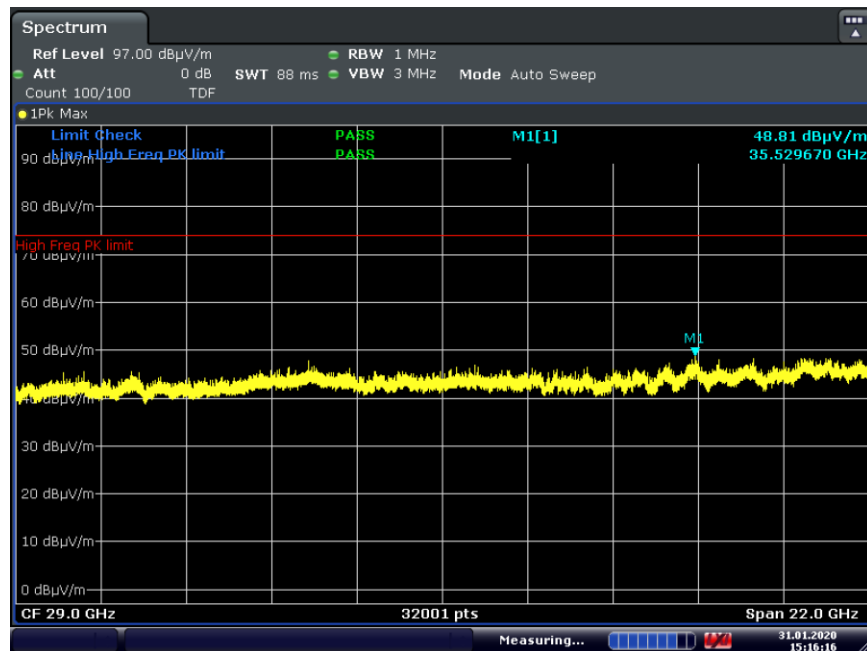


Plot 7-782. Radiated Spurious Plot 18 GHz - 40GHz CDD (802.11ax – RU26, Pol. V)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 465 of 563                 |



Plot 7-783. Radiated Spurious Plot 18GHz – 40 GHz CDD (802.11ax – RU242, Pol. H)



Plot 7-784. Radiated Spurious Plot 18GHz – 40 GHz CDD (802.11ax – RU242, Pol. V)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 466 of 563                 |

## CDD/SDM Radiated Spurious Emission Measurements (RU26)

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

Worst Case Mode: 802.11ax (20MHz BW)  
Worst Case Transfer Rate: MCS0  
RU Index: 54  
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               | -                   | -                          | -72.36               | 14.25       | 48.89                   | 68.20          | -19.31      |
| 15540.00        | Average  | H               | -                   | -                          | -85.24               | 20.62       | 42.38                   | 53.98          | -11.60      |
| 15540.00        | Peak     | H               | -                   | -                          | -74.16               | 20.62       | 53.46                   | 73.98          | -20.52      |

Table 7-131. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)  
Worst Case Transfer Rate: MCS0  
RU Index: 54  
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               | 109                 | 147                        | -71.44               | 14.06       | 49.62                   | 68.20          | -18.58      |
| 15600.00        | Average  | H               | -                   | -                          | -85.09               | 20.59       | 42.50                   | 53.98          | -11.48      |
| 15600.00        | Peak     | H               | -                   | -                          | -73.26               | 20.59       | 54.33                   | 73.98          | -19.65      |

Table 7-132. Radiated Measurements CDD (RU26)

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device |                                 |
|                                            |                                                                                                                               |                            | Page 467 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | 104                 | 138                        | -70.79               | 14.54       | 50.75                   | 68.20          | -17.45      |
| 15720.00        | Average  | H               | -                   | -                          | -85.70               | 21.09       | 42.39                   | 53.98          | -11.59      |
| 15720.00        | Peak     | H               | -                   | -                          | -74.41               | 21.09       | 53.68                   | 73.98          | -20.30      |

**Table 7-133. Radiated Measurements CDD (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -72.39               | 14.89       | 49.50                   | 68.20          | -18.70      |
| 15780.00        | Average  | H               | -                   | -                          | -85.95               | 20.78       | 41.83                   | 53.98          | -12.14      |
| 15780.00        | Peak     | H               | -                   | -                          | -74.31               | 20.78       | 53.47                   | 73.98          | -20.50      |

**Table 7-134. Radiated Measurements CDD (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 468 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -71.66               | 14.54       | 49.88                   | 68.20          | -18.32      |
| 15840.00        | Average  | H               | -                   | -                          | -85.96               | 21.24       | 42.28                   | 53.98          | -11.70      |
| 15840.00        | Peak     | H               | -                   | -                          | -74.25               | 21.24       | 53.99                   | 73.98          | -19.99      |

**Table 7-135. Radiated Measurements CDD (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -83.51               | 14.96       | 38.45                   | 53.98          | -15.53      |
| 10640.00        | Peak     | H               | -                   | -                          | -72.20               | 14.96       | 49.76                   | 73.98          | -24.22      |
| 15960.00        | Average  | H               | -                   | -                          | -85.45               | 21.96       | 43.51                   | 53.98          | -10.47      |
| 15960.00        | Peak     | H               | -                   | -                          | -74.15               | 21.96       | 54.81                   | 73.98          | -19.17      |

**Table 7-136. Radiated Measurements CDD (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 469 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.16               | 16.36       | 39.20                   | 53.98          | -14.78      |
| 11000.00        | Peak     | H               | -                   | -                          | -72.11               | 16.36       | 51.25                   | 73.98          | -22.73      |
| 16500.00        | Peak     | H               | -                   | -                          | -73.38               | 21.84       | 55.46                   | 68.20          | -12.74      |

**Table 7-137. Radiated Measurements CDD (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 11200.00        | Average  | H               | -                   | -                          | -84.20               | 16.15       | 38.95                   | 53.98          | -15.03      |
| 11200.00        | Peak     | H               | -                   | -                          | -72.33               | 16.15       | 50.82                   | 73.98          | -23.16      |
| 16800.00        | Peak     | H               | -                   | -                          | -73.67               | 22.18       | 55.51                   | 68.20          | -12.69      |

**Table 7-138. Radiated Measurements CDD (RU26)**

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 470 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.41               | 17.00       | 39.59                   | 53.98          | -14.39      |
| 11440.00        | Peak     | H               | -                   | -                          | -73.06               | 17.00       | 50.94                   | 73.98          | -23.04      |
| 17160.00        | Peak     | H               | -                   | -                          | -73.37               | 22.04       | 55.67                   | 68.20          | -12.53      |

Table 7-139. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.59               | 16.41       | 38.82                   | 53.98          | -15.16      |
| 11490.00        | Peak     | H               | -                   | -                          | -73.01               | 16.41       | 50.40                   | 73.98          | -23.58      |
| 17235.00        | Peak     | H               | -                   | -                          | -73.44               | 22.58       | 56.14                   | 68.20          | -12.06      |

Table 7-140. Radiated Measurements CDD (RU26)

|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device |                                 |
|                                            |                                                                                                                               |                            | Page 471 of 563                 |

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 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               | -                   | -                          | -84.41               | 16.96       | 39.55                   | 53.98          | -14.43      |
| 11570.00        | Peak     | H               | -                   | -                          | -72.94               | 16.96       | 51.02                   | 73.98          | -22.96      |
| 17355.00        | Peak     | H               | -                   | -                          | -73.29               | 22.57       | 56.28                   | 68.20          | -11.92      |

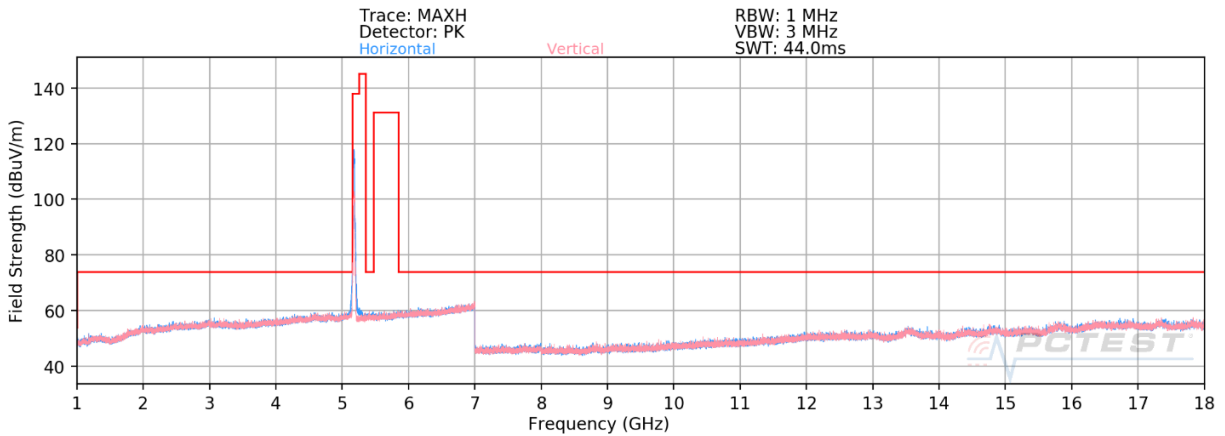
**Table 7-141. Radiated Measurements CDD (RU26)**

Worst Case Mode: 802.11ax (20MHz BW)  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

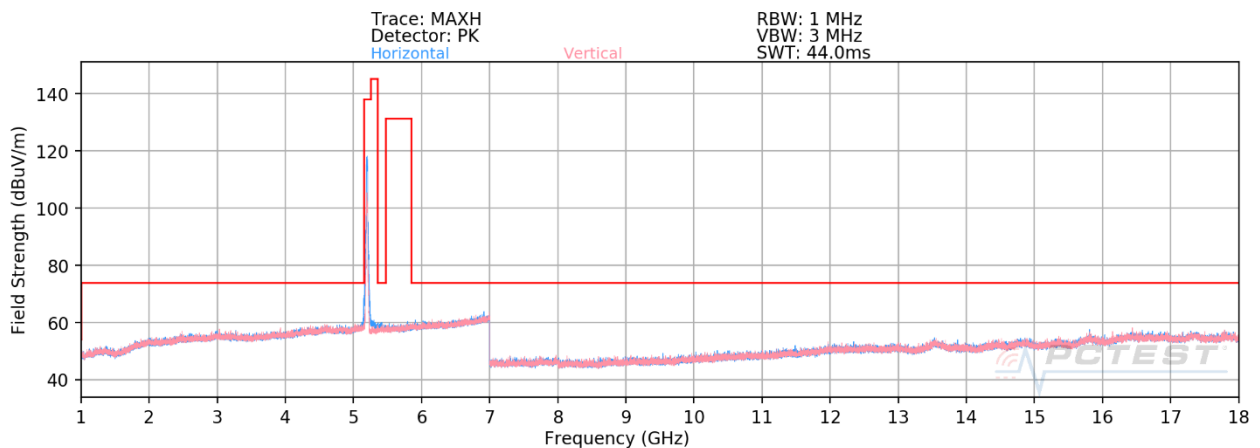
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 11650.00        | Average  | H               | -                   | -                          | -84.40               | 16.43       | 39.03                   | 53.98          | -14.95      |
| 11650.00        | Peak     | H               | -                   | -                          | -72.47               | 16.43       | 50.96                   | 73.98          | -23.02      |
| 17475.00        | Peak     | H               | -                   | -                          | -72.61               | 21.90       | 56.29                   | 68.20          | -11.91      |

**Table 7-142. Radiated Measurements CDD (RU26)**

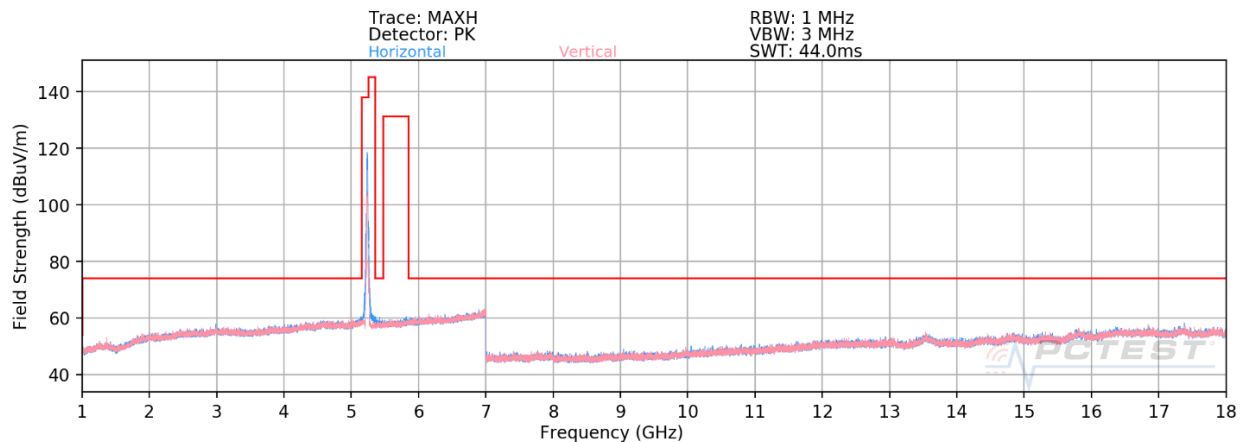
|                                            |                                                                                                                               |                            |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                                                                        | EUT Type:<br>Tablet Device | Page 472 of 563                 |



Plot 7-785. Radiated Spurious Plot above 1GHz CDD CORE 0 (802.11ax – U1 Ch. 36 – RU242)



Plot 7-786. Radiated Spurious Plot above 1GHz CDD CORE 0 (802.11ax – U1 Ch. 40 – RU242)



Plot 7-787. Radiated Spurious Plot above 1GHz CDD CORE 0 (802.11ax – U1 Ch. 48 – RU242)

|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2229                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C1912170053-09-R1.BCG | Test Dates:<br>12/10/2019 - 02/12/2020                                              | EUT Type:<br>Tablet Device            | Page 473 of 563                 |