

Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-82.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-82. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB μ V/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
6. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
9. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level [dB μ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB]
- Margin [dB] = Field Strength Level [dB μ V/m] – Limit [dB μ V/m]

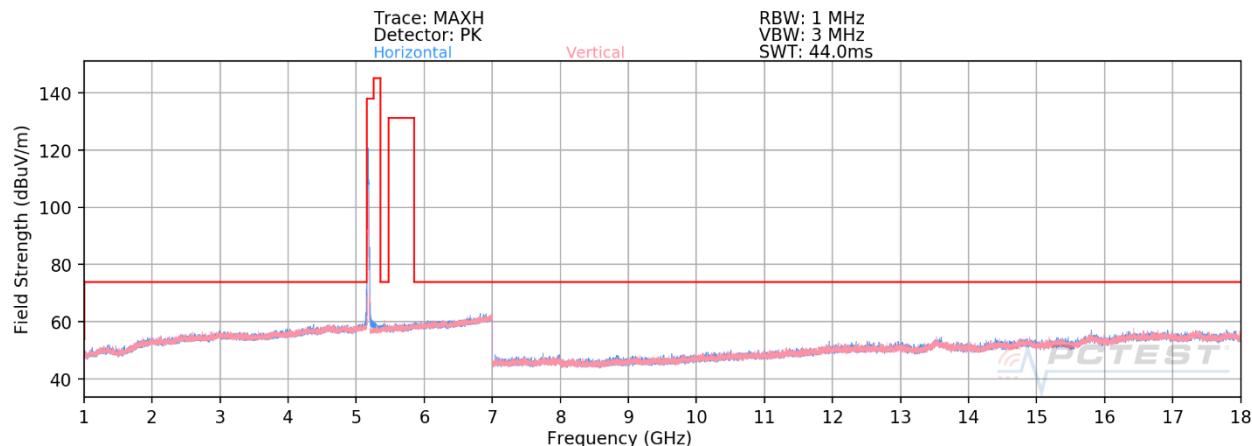
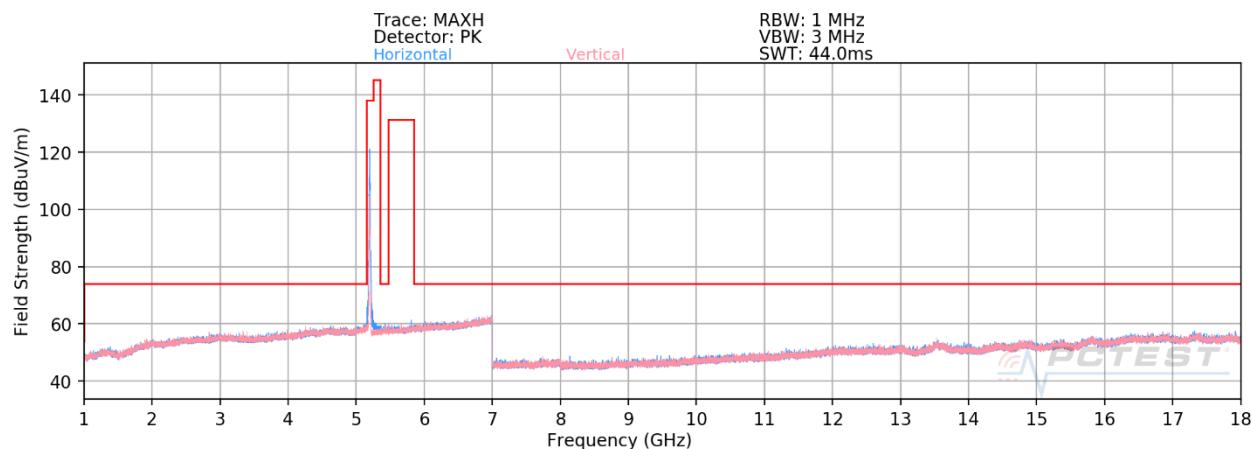
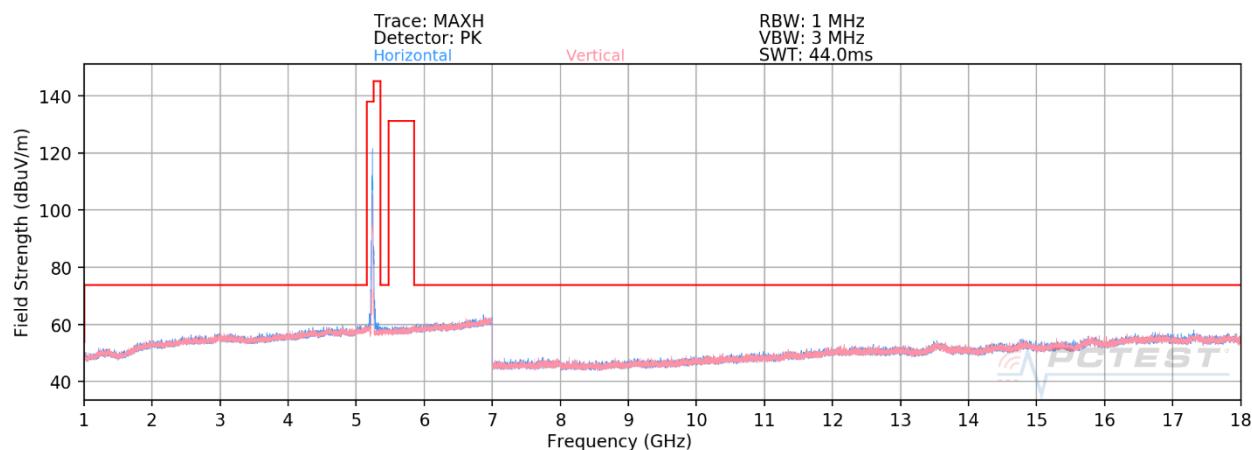
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.6 was calculated using the formula:

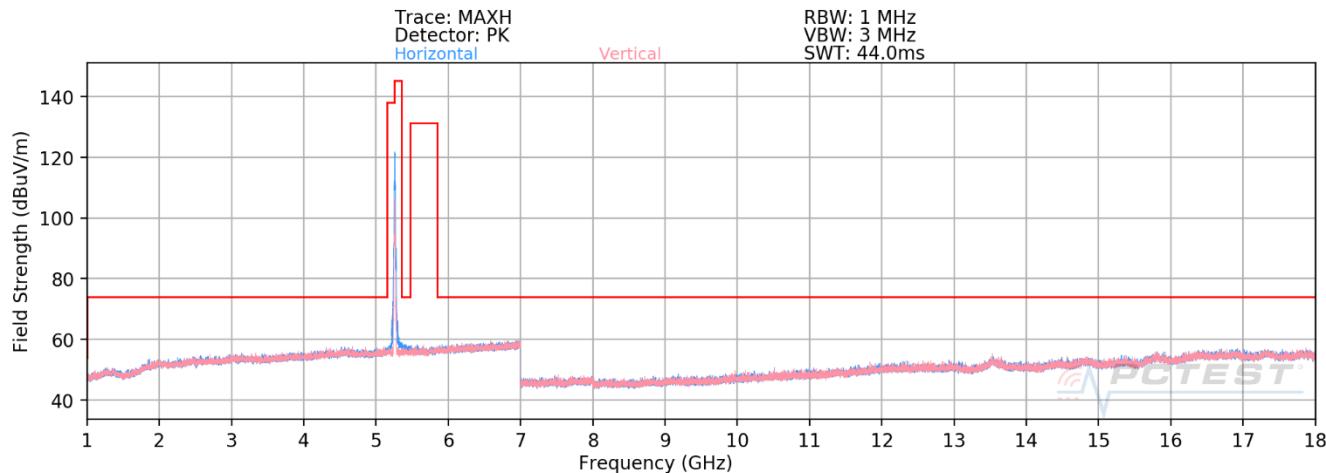
$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

7.6.1 SISO Core 0 Radiated Spurious Emission Measurements

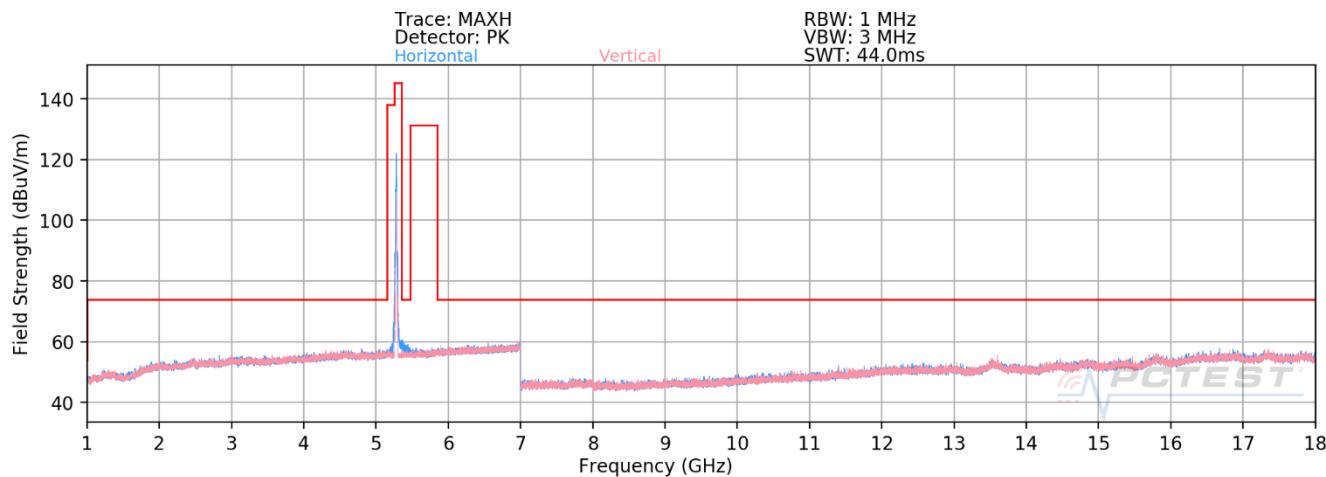
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|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2232 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 419 of 539 |

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)

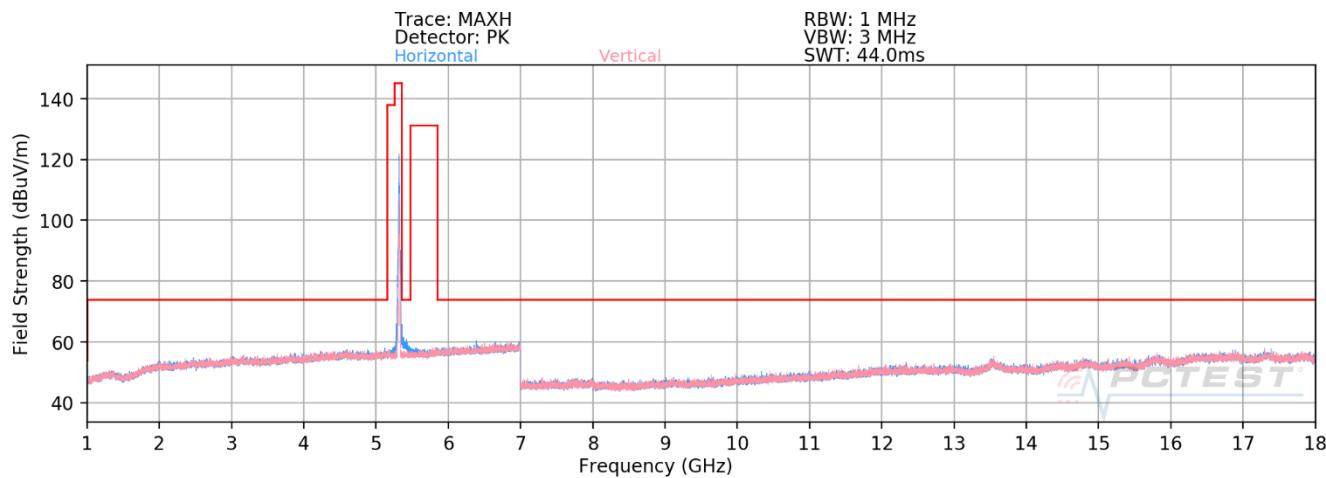
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| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 420 of 539 | |



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

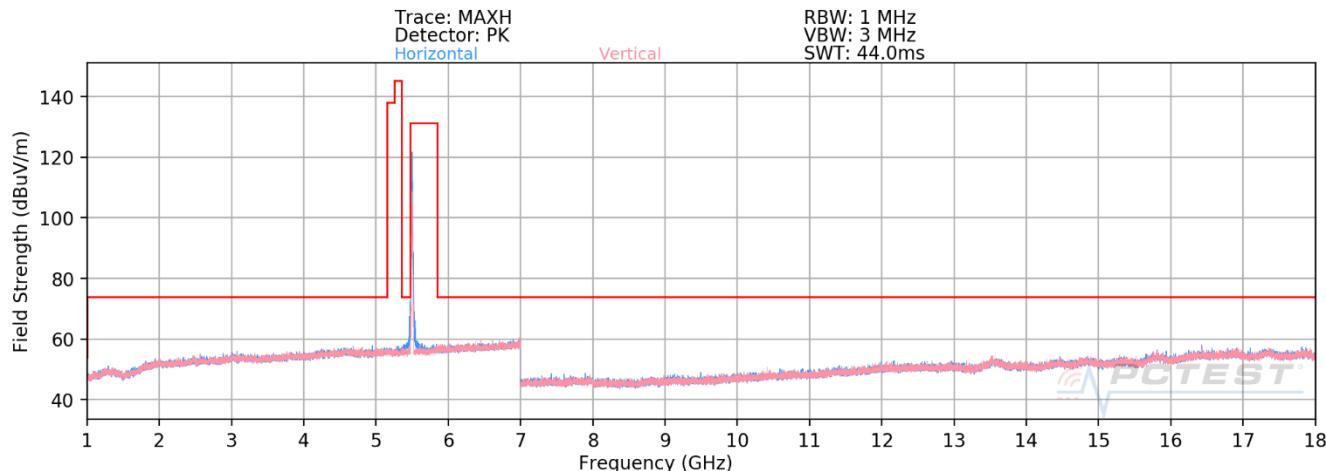


Plot 7-725. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 60 – RU26)

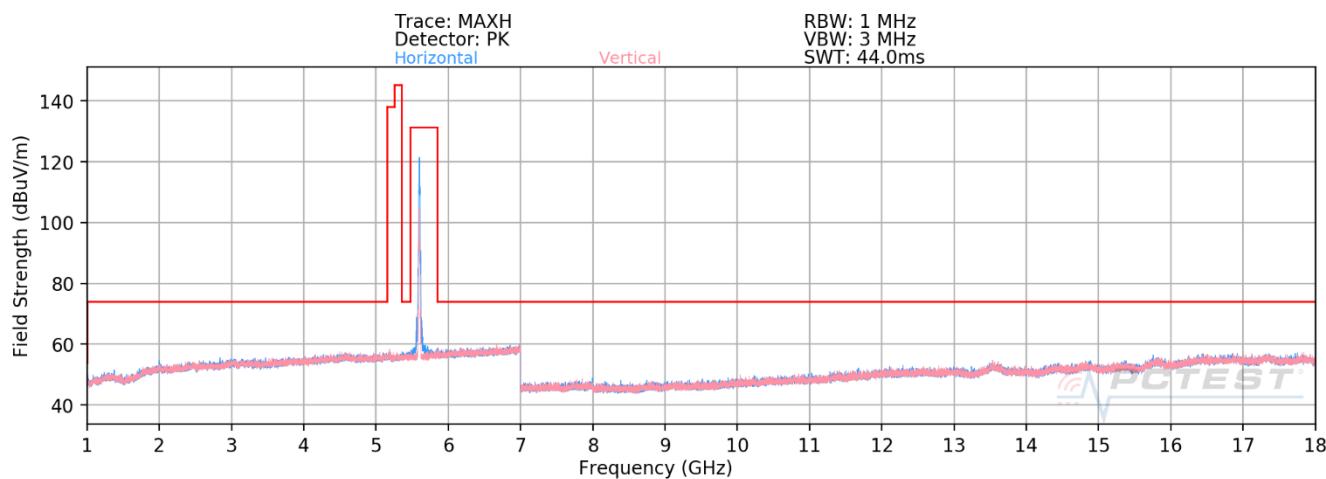


Plot 7-726. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 64 – RU26)

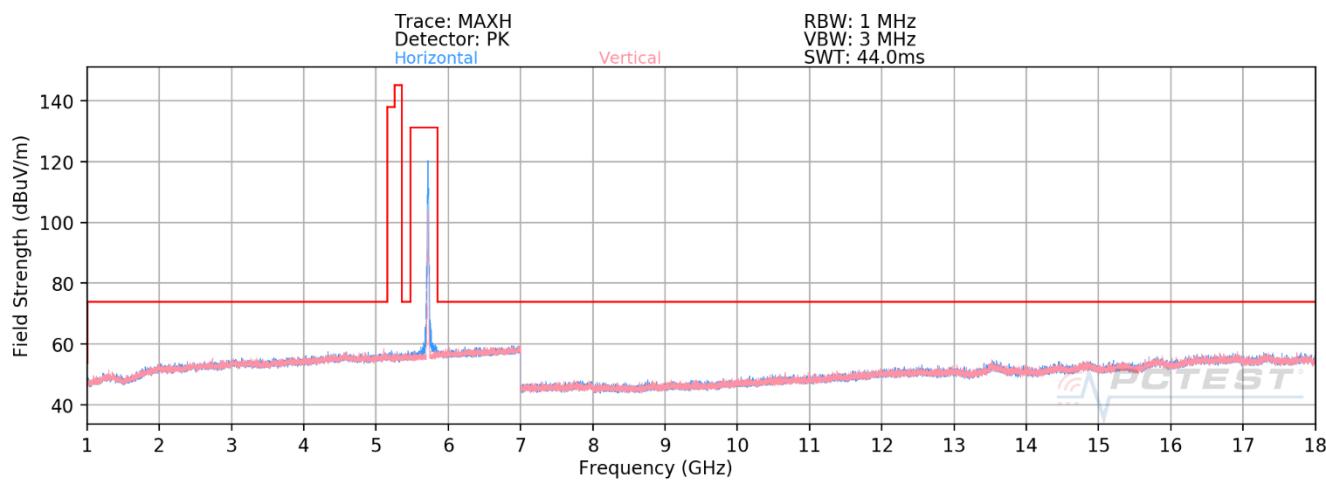
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|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 421 of 539 |



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

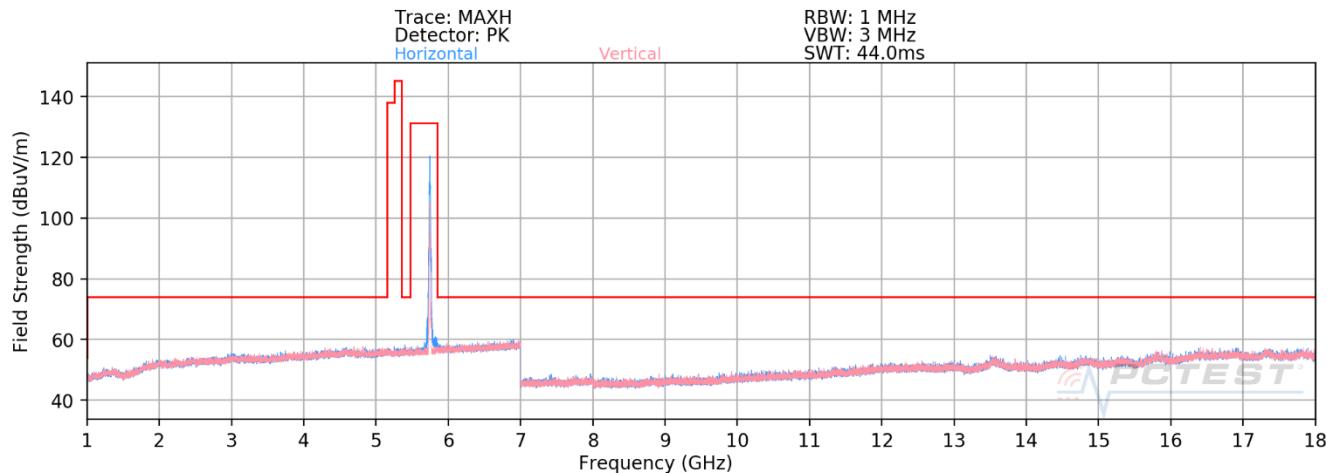


Plot 7-728. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 116 – RU26)

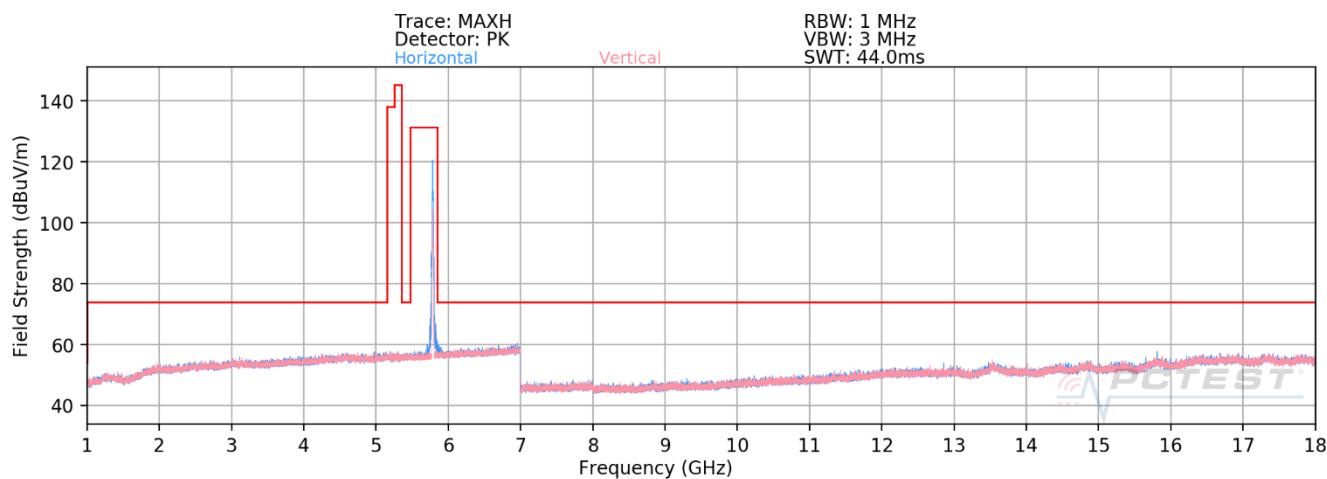


Plot 7-729. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 144 – RU26)

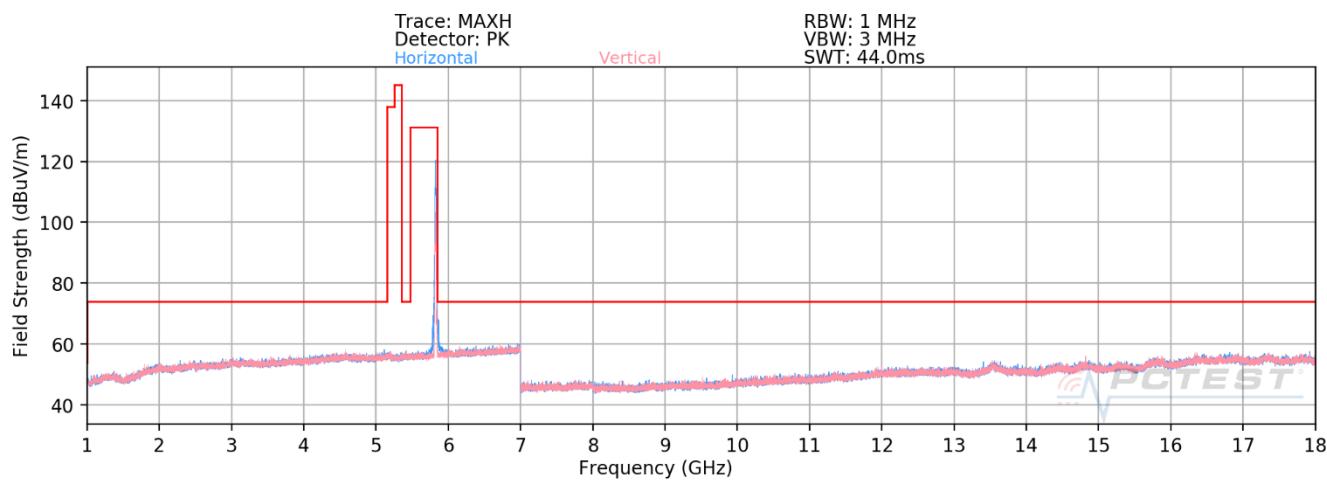
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| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 422 of 539 |



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: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 423 of 539 |

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: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5180MHz |
| Channel: | 36 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | H | - | - | -73.09 | 18.62 | 52.53 | 68.20 | -15.67 |
| 15540.00 | Average | H | - | - | -85.67 | 25.60 | 46.93 | 53.98 | -7.05 |
| 15540.00 | Peak | H | - | - | -74.19 | 25.60 | 58.41 | 73.98 | -15.57 |

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

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5200MHz |
| Channel: | 40 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | H | - | - | -73.38 | 18.72 | 52.34 | 68.20 | -15.86 |
| 15600.00 | Average | H | - | - | -85.64 | 25.91 | 47.27 | 53.98 | -6.71 |
| 15600.00 | Peak | H | - | - | -74.27 | 25.91 | 58.64 | 73.98 | -15.34 |

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

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5240MHz |
| Channel: | 48 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | H | - | - | -73.32 | 19.81 | 53.49 | 68.20 | -14.71 |
| 15720.00 | Average | H | - | - | -85.77 | 25.55 | 46.78 | 53.98 | -7.20 |
| 15720.00 | Peak | H | - | - | -74.43 | 25.55 | 58.12 | 73.98 | -15.86 |

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

| | | | |
|---|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 424 of 539 |

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5260MHz |
| Channel: | 52 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | H | - | - | -73.91 | 19.96 | 53.05 | 68.20 | -15.15 |
| 15780.00 | Average | H | - | - | -85.95 | 25.70 | 46.75 | 53.98 | -7.23 |
| 15780.00 | Peak | H | - | - | -74.64 | 25.70 | 58.06 | 73.98 | -15.92 |

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

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5300MHz |
| Channel: | 60 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10600.00 | Peak | H | - | - | -73.61 | 19.70 | 53.09 | 68.20 | -15.11 |
| 15900.00 | Average | H | - | - | -86.03 | 25.59 | 46.56 | 53.98 | -7.42 |
| 15900.00 | Peak | H | - | - | -74.65 | 25.59 | 57.94 | 73.98 | -16.04 |

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

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5320MHz |
| Channel: | 64 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10640.00 | Average | H | - | - | -84.75 | 19.69 | 41.94 | 53.98 | -12.04 |
| 10640.00 | Peak | H | - | - | -73.34 | 19.69 | 53.35 | 73.98 | -20.63 |
| 15960.00 | Average | H | - | - | -85.77 | 26.01 | 47.24 | 53.98 | -6.74 |
| 15960.00 | Peak | H | - | - | -74.11 | 26.01 | 58.90 | 73.98 | -15.08 |

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

| | | | | | | | |
|---|--|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11000.00 | Average | H | - | - | -84.92 | 19.67 | 41.75 | 53.98 | -12.23 |
| 11000.00 | Peak | H | - | - | -73.37 | 19.67 | 53.30 | 73.98 | -20.68 |
| 16500.00 | Peak | H | - | - | -73.98 | 26.61 | 59.63 | 68.20 | -8.57 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11160.00 | Average | H | - | - | -84.88 | 19.90 | 42.02 | 53.98 | -11.96 |
| 11160.00 | Peak | H | - | - | -73.92 | 19.90 | 52.98 | 73.98 | -21.00 |
| 16740.00 | Peak | H | - | - | -74.39 | 27.52 | 60.13 | 68.20 | -8.07 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11440.00 | Average | H | - | - | -85.83 | 20.25 | 41.42 | 53.98 | -12.56 |
| 11440.00 | Peak | H | - | - | -74.02 | 20.25 | 53.23 | 73.98 | -20.75 |
| 17160.00 | Peak | H | - | - | -74.60 | 27.51 | 59.91 | 68.20 | -8.29 |

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

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
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Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | H | - | - | -85.73 | 20.15 | 41.42 | 53.98 | -12.56 |
| 11490.00 | Peak | H | - | - | -73.98 | 20.15 | 53.17 | 73.98 | -20.81 |
| 17235.00 | Peak | H | - | - | -74.15 | 28.21 | 61.06 | 68.20 | -7.14 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5785MHz
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11570.00 | Average | H | - | - | -85.50 | 20.30 | 41.80 | 53.98 | -12.17 |
| 11570.00 | Peak | H | - | - | -73.92 | 20.30 | 53.38 | 73.98 | -20.59 |
| 17355.00 | Peak | H | - | - | -74.42 | 27.92 | 60.50 | 68.20 | -7.70 |

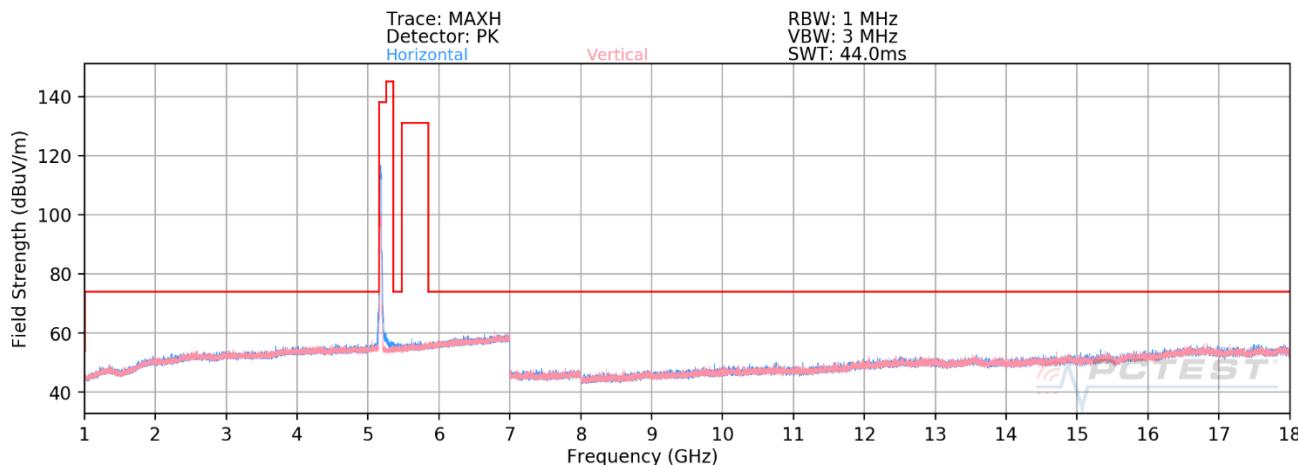
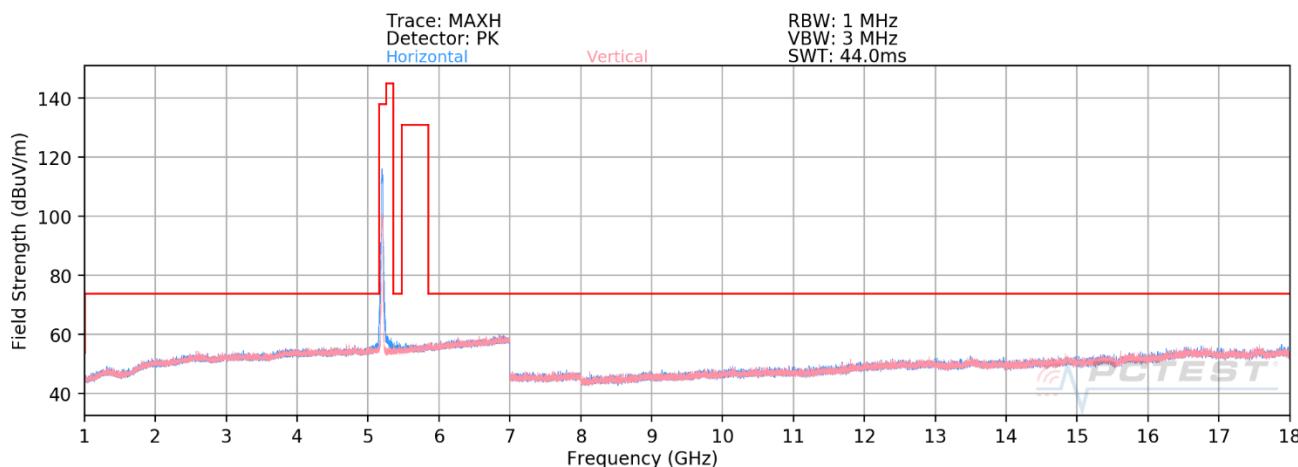
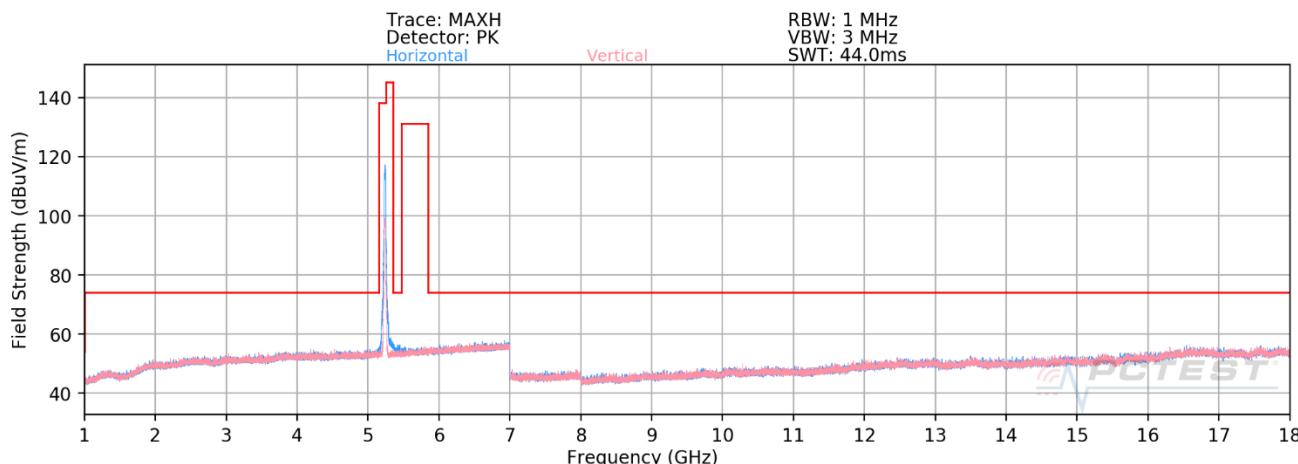
Table 7-93. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

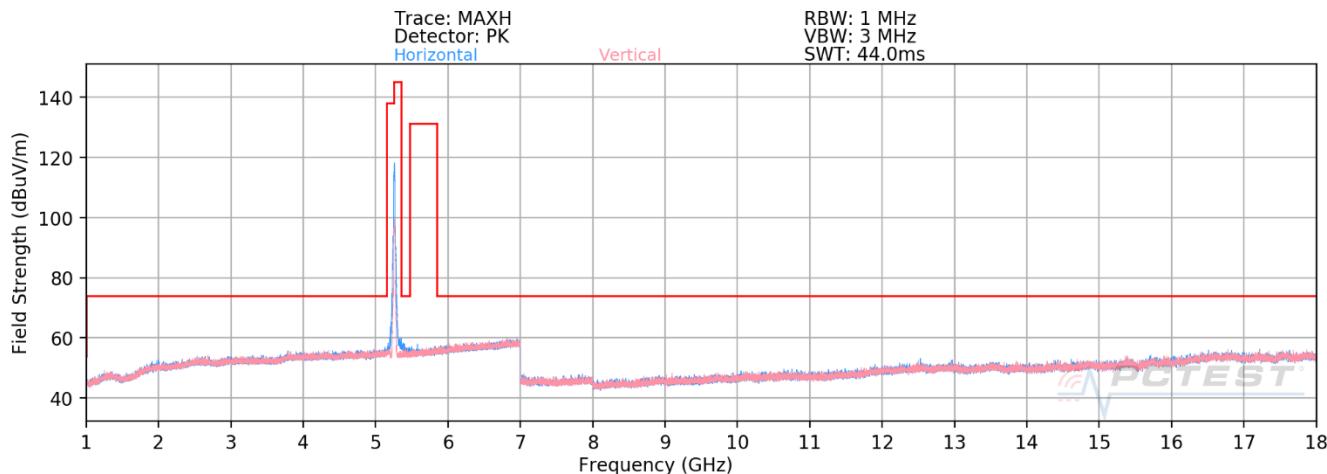
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | H | - | - | -85.42 | 21.29 | 42.87 | 53.98 | -11.11 |
| 11650.00 | Peak | H | - | - | -73.79 | 21.29 | 54.50 | 73.98 | -19.48 |
| 17475.00 | Peak | H | - | - | -74.02 | 28.14 | 61.12 | 68.20 | -7.08 |

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

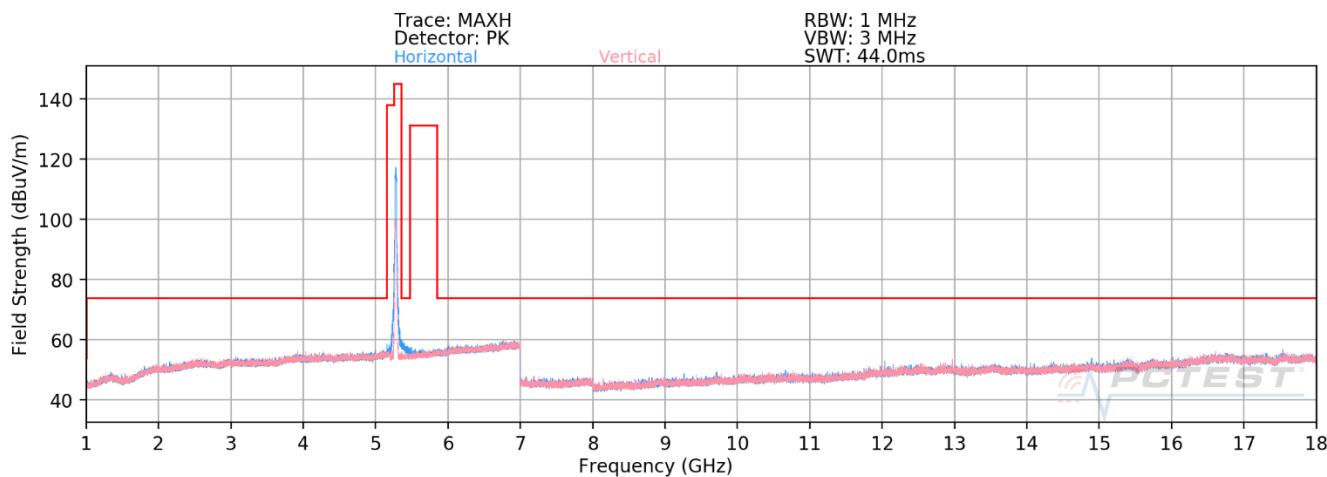
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| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |


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)

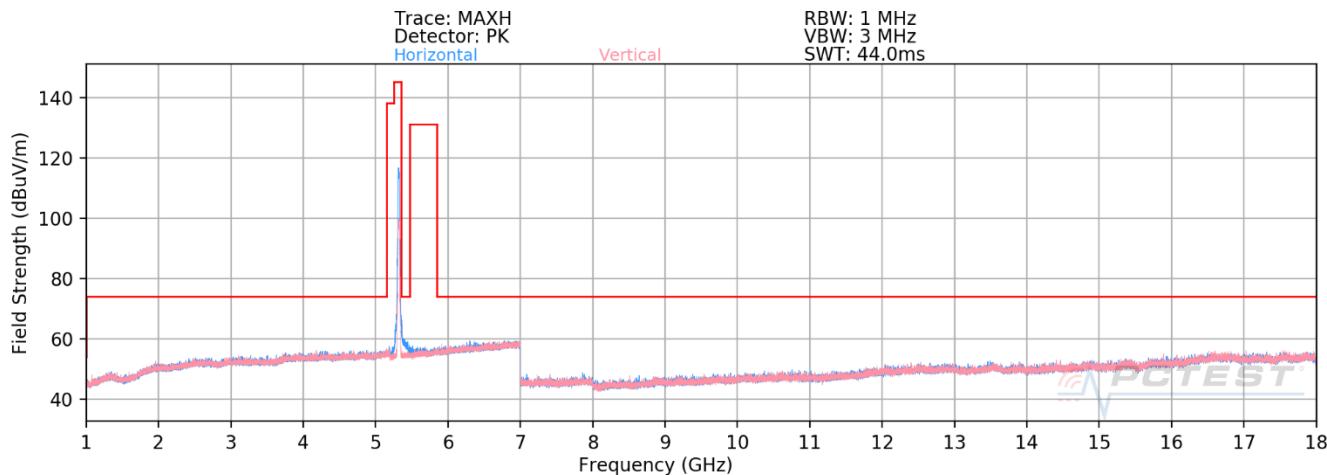
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 428 of 539 |



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

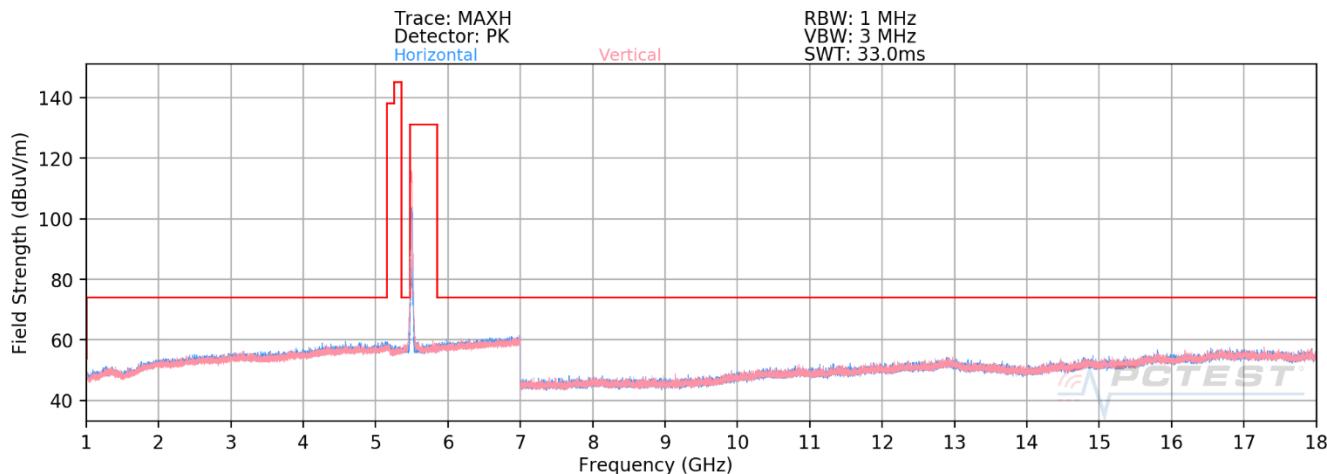


Plot 7-737. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 60 – RU242)

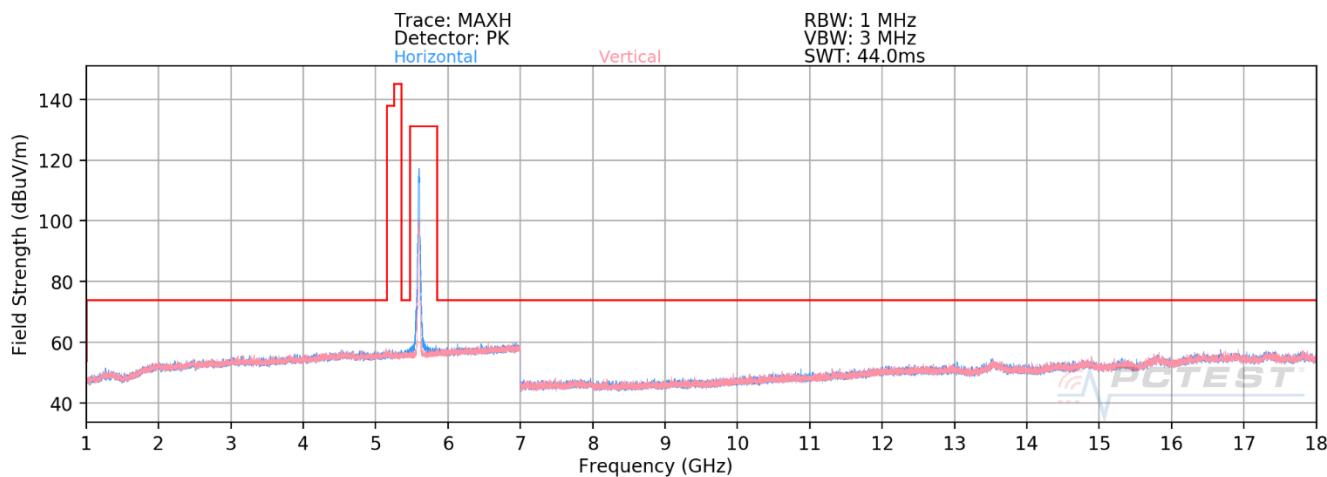


Plot 7-738. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 64 – RU242)

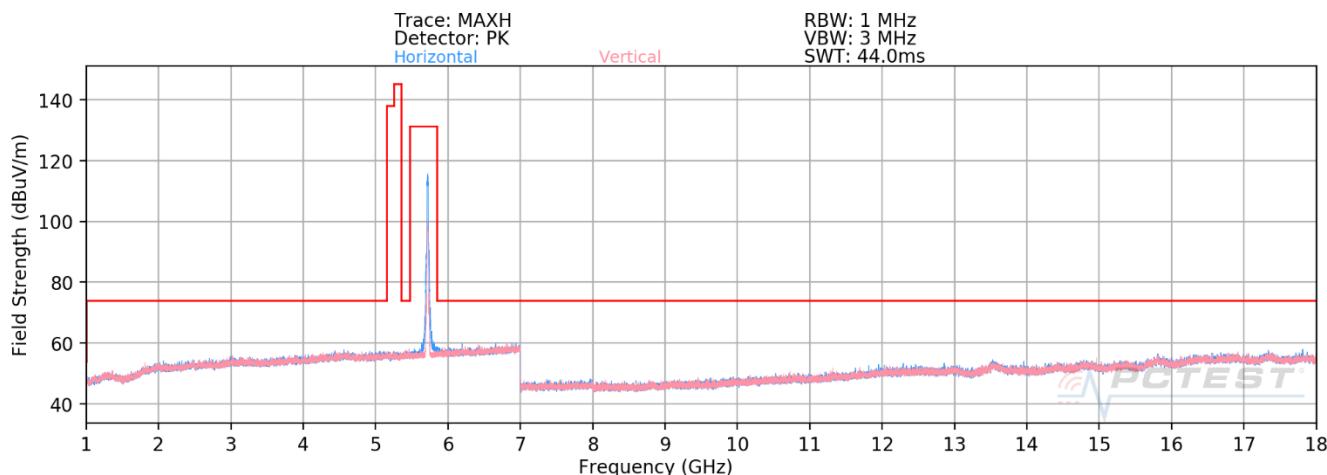
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Plot 7-739. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 100 – RU242)

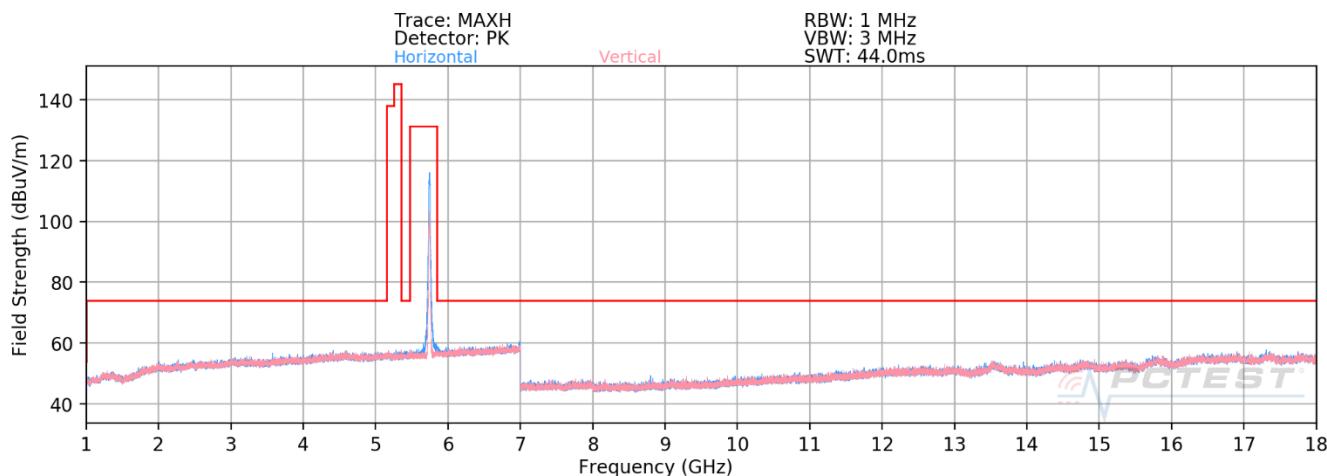


Plot 7-740. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 116 – RU242)

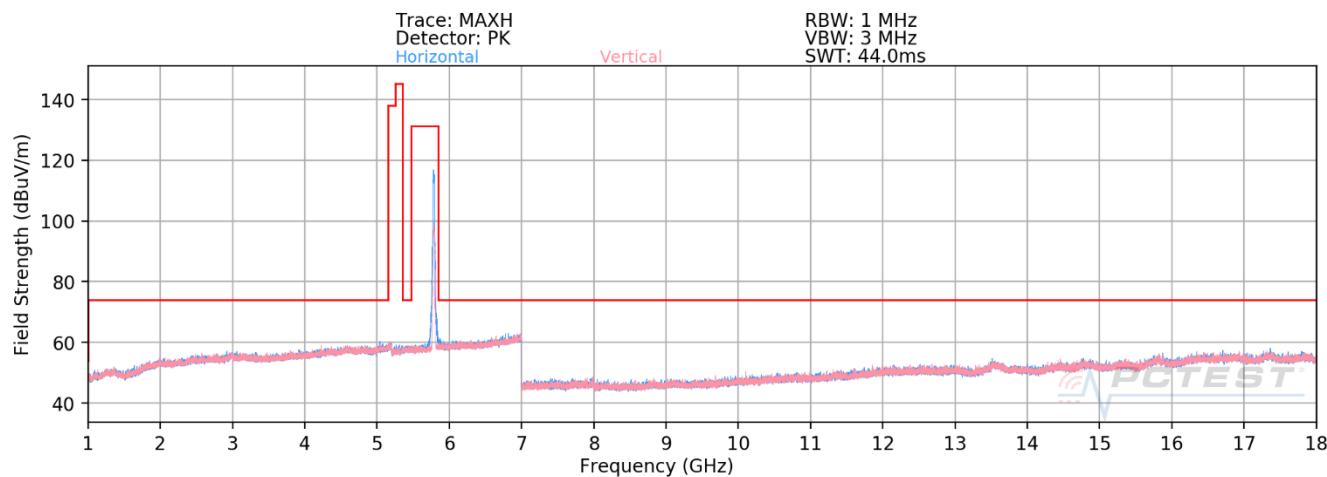


Plot 7-741. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 144 – RU242)

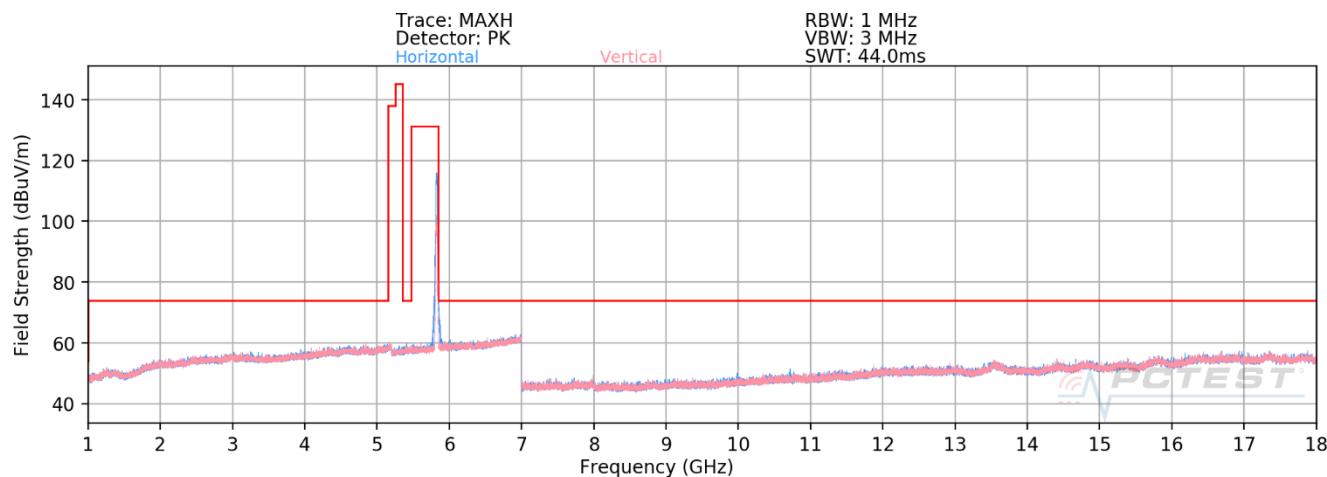
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 430 of 539 |



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: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 431 of 539 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | H | - | - | -71.82 | 14.34 | 49.52 | 68.20 | -18.68 |
| 15540.00 | Average | H | - | - | -85.06 | 20.37 | 42.31 | 53.98 | -11.67 |
| 15540.00 | Peak | H | - | - | -74.16 | 20.37 | 53.21 | 73.98 | -20.77 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | H | - | - | -72.07 | 14.43 | 49.36 | 68.20 | -18.84 |
| 15600.00 | Average | H | - | - | -84.54 | 20.56 | 43.02 | 53.98 | -10.96 |
| 15600.00 | Peak | H | - | - | -74.11 | 20.56 | 53.45 | 73.98 | -20.53 |

Table 7-96. 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: | 5240MHz |
| Channel: | 48 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | H | - | - | -71.30 | 14.63 | 50.33 | 68.20 | -17.87 |
| 15720.00 | Average | H | - | - | -84.93 | 21.60 | 43.67 | 53.98 | -10.31 |
| 15720.00 | Peak | H | - | - | -73.81 | 21.60 | 54.79 | 73.98 | -19.19 |

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

| | | | |
|---|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 432 of 539 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | H | - | - | -71.72 | 14.85 | 50.13 | 68.20 | -18.07 |
| 15780.00 | Average | H | - | - | -85.48 | 21.89 | 43.41 | 53.98 | -10.57 |
| 15780.00 | Peak | H | - | - | -73.97 | 21.89 | 54.92 | 73.98 | -19.06 |

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: 5300MHz
 Channel: 60

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10600.00 | Peak | H | - | - | -71.60 | 14.37 | 49.77 | 68.20 | -18.43 |
| 15900.00 | Average | H | - | - | -85.27 | 21.77 | 43.50 | 53.98 | -10.48 |
| 15900.00 | Peak | H | - | - | -74.22 | 21.77 | 54.55 | 73.98 | -19.43 |

Table 7-99. 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: 5320MHz
 Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10640.00 | Average | H | - | - | -82.91 | 14.85 | 38.94 | 53.98 | -15.04 |
| 10640.00 | Peak | H | - | - | -71.83 | 14.85 | 50.02 | 73.98 | -23.96 |
| 15960.00 | Average | H | - | - | -84.90 | 21.74 | 43.84 | 53.98 | -10.14 |

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

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11000.00 | Average | H | - | - | -83.22 | 15.88 | 39.66 | 53.98 | -14.32 |
| 11000.00 | Peak | H | - | - | -71.79 | 15.88 | 51.09 | 73.98 | -22.89 |
| 16500.00 | Peak | H | - | - | -73.30 | 21.60 | 55.30 | 68.20 | -12.90 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11160.00 | Average | H | - | - | -83.91 | 15.76 | 38.85 | 53.98 | -15.13 |
| 11160.00 | Peak | H | - | - | -72.36 | 15.76 | 50.40 | 73.98 | -23.58 |
| 16740.00 | Peak | H | - | - | -72.84 | 22.79 | 56.95 | 68.20 | -11.25 |

Table 7-102. 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: 5720MHz
 Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11440.00 | Average | H | - | - | -83.56 | 16.74 | 40.18 | 53.98 | -13.80 |
| 11440.00 | Peak | H | - | - | -73.12 | 16.74 | 50.62 | 73.98 | -23.36 |
| 17160.00 | Peak | H | - | - | -72.88 | 21.60 | 55.72 | 68.20 | -12.48 |

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

Worst Case Mode: 802.11ax (20MHz BW)

| | | | | | | |
|---|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | H | - | - | -83.65 | 16.37 | 39.72 | 53.98 | -14.26 |
| 11490.00 | Peak | H | - | - | -71.89 | 16.37 | 51.48 | 73.98 | -22.50 |
| 17235.00 | Peak | H | - | - | -73.16 | 22.25 | 56.09 | 68.20 | -12.11 |

Table 7-104. 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: 5785MHz
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11570.00 | Average | H | - | - | -84.01 | 17.01 | 40.00 | 53.98 | -13.98 |
| 11570.00 | Peak | H | - | - | -73.11 | 17.01 | 50.90 | 73.98 | -23.08 |
| 17355.00 | Peak | H | - | - | -73.56 | 22.61 | 56.05 | 68.20 | -12.15 |

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

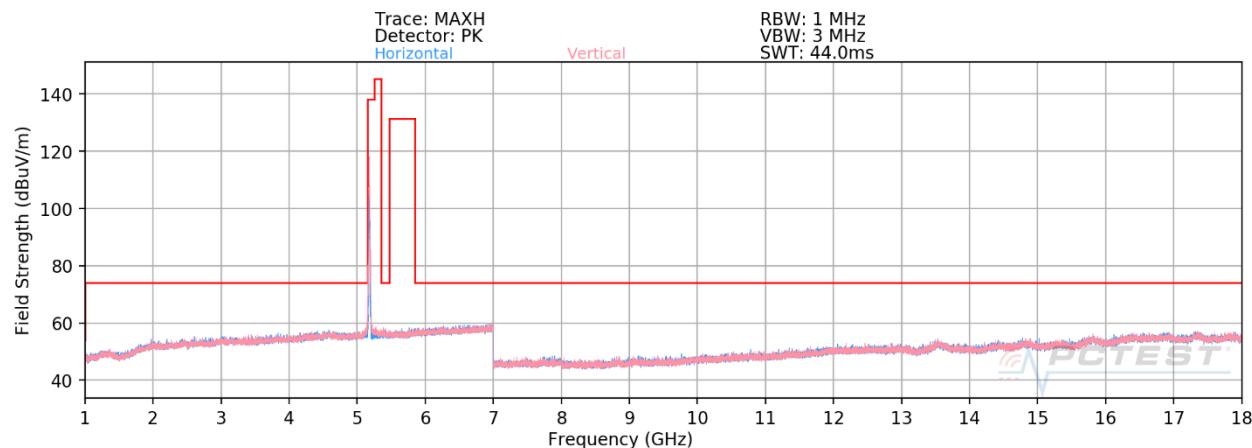
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | H | - | - | -84.19 | 16.45 | 39.26 | 53.98 | -14.72 |
| 11650.00 | Peak | H | - | - | -73.36 | 16.45 | 50.09 | 73.98 | -23.89 |
| 17475.00 | Peak | H | - | - | -73.64 | 21.94 | 55.30 | 68.20 | -12.90 |

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

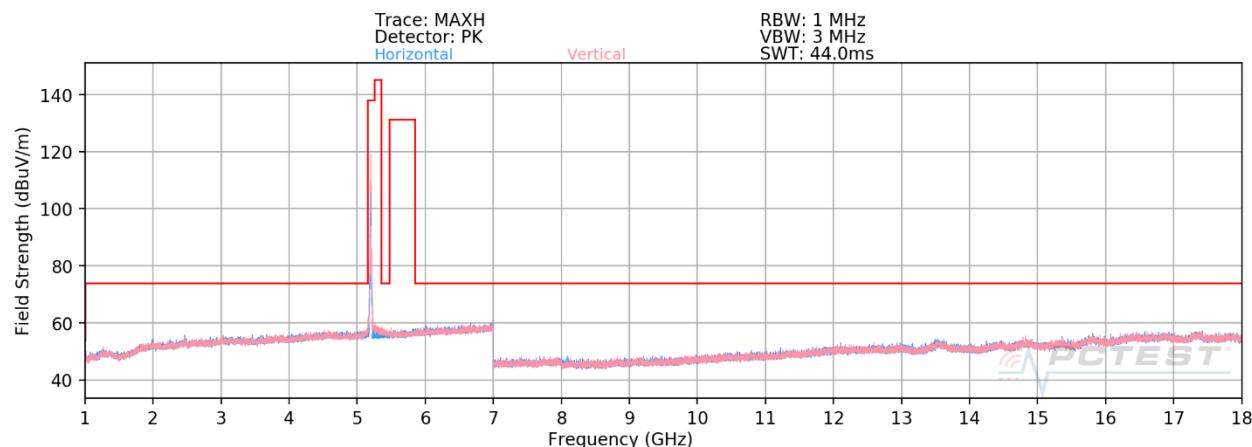
| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

7.6.2 SISO Core 1 Radiated Spurious Emission Measurements

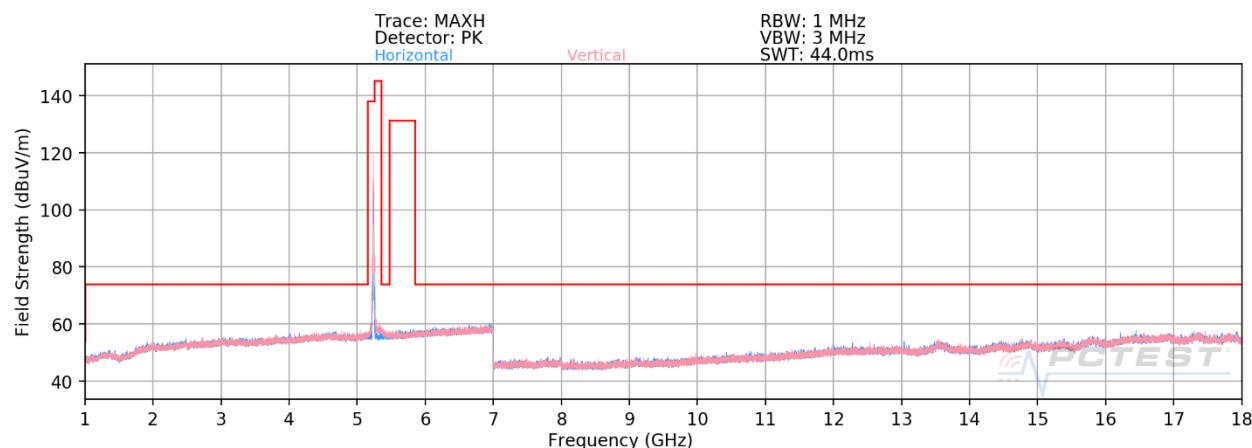
RU26



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

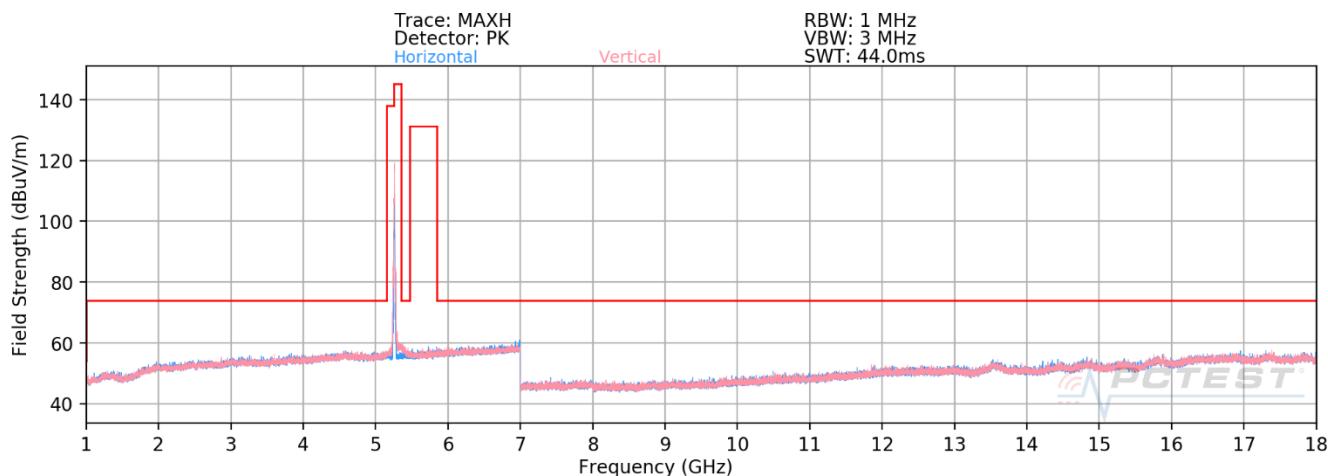


Plot 7-746. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 40 – RU26)

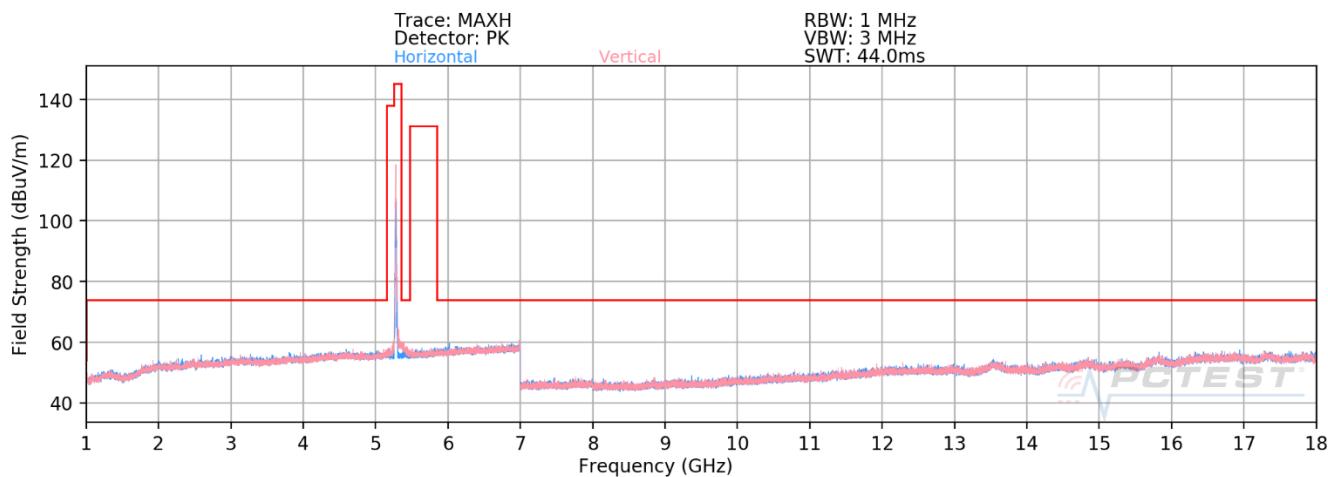


Plot 7-747. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 48 – RU26)

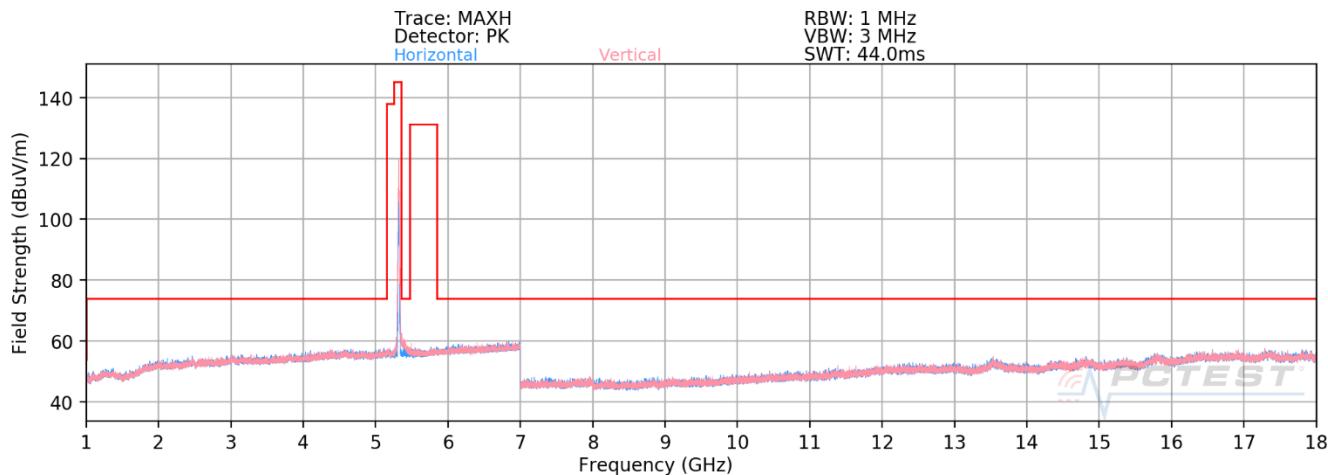
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 436 of 539 |



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

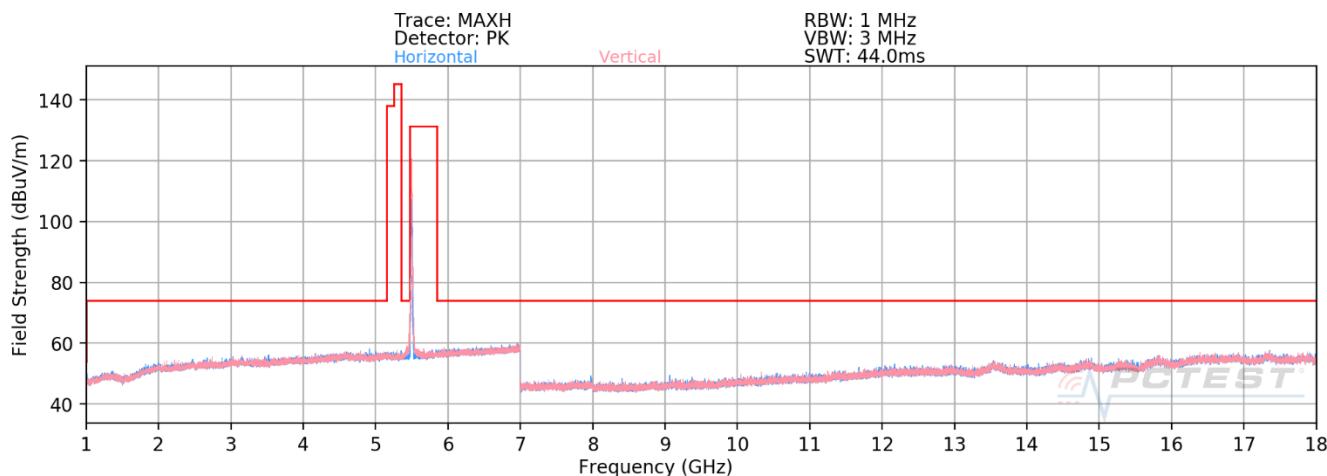


Plot 7-749. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 60 – RU26)

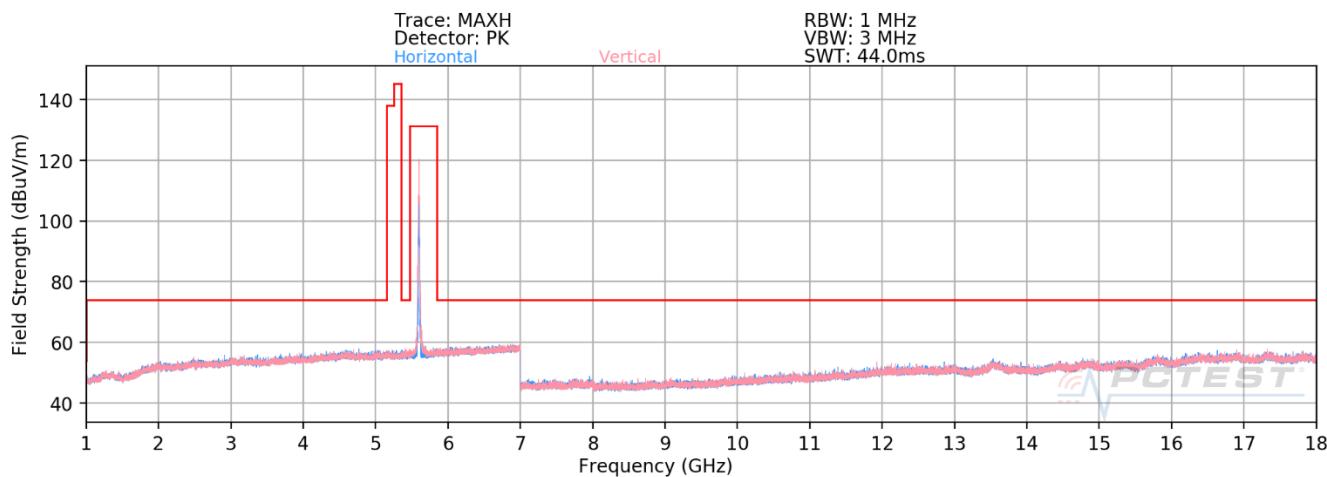


Plot 7-750. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU26)

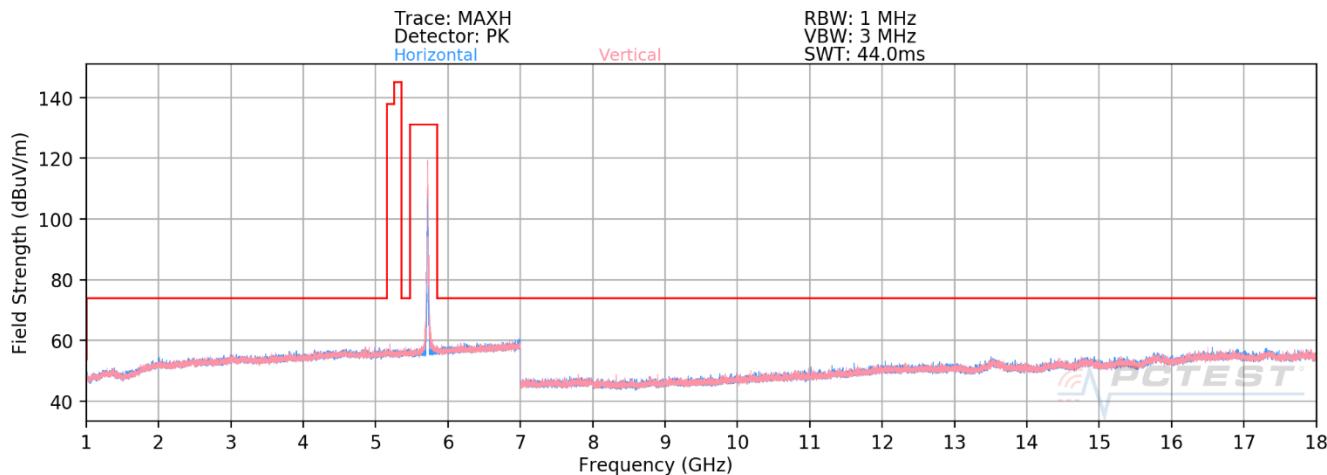
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 437 of 539 |



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

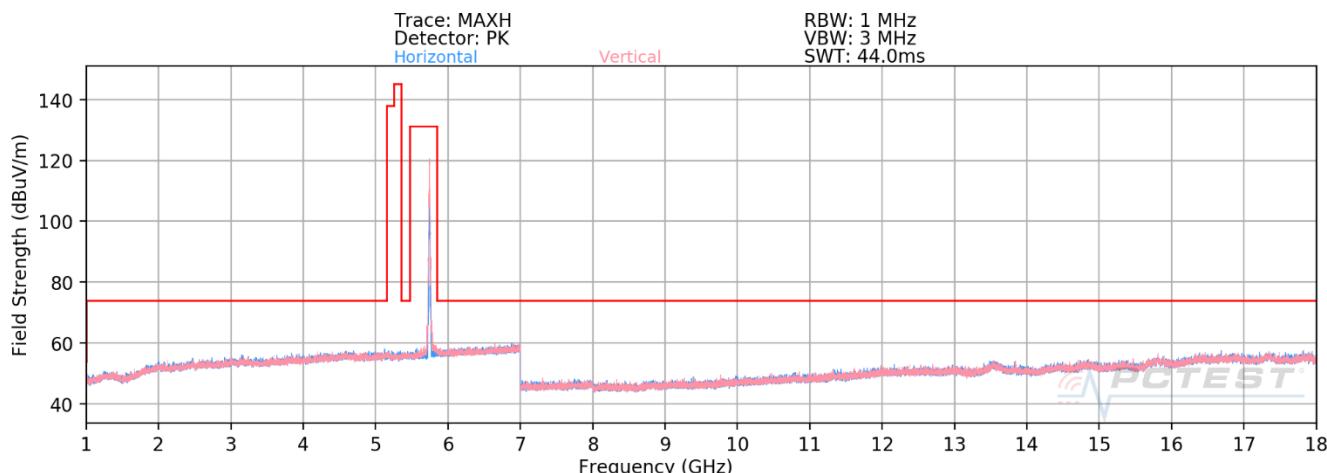


Plot 7-752. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU26)

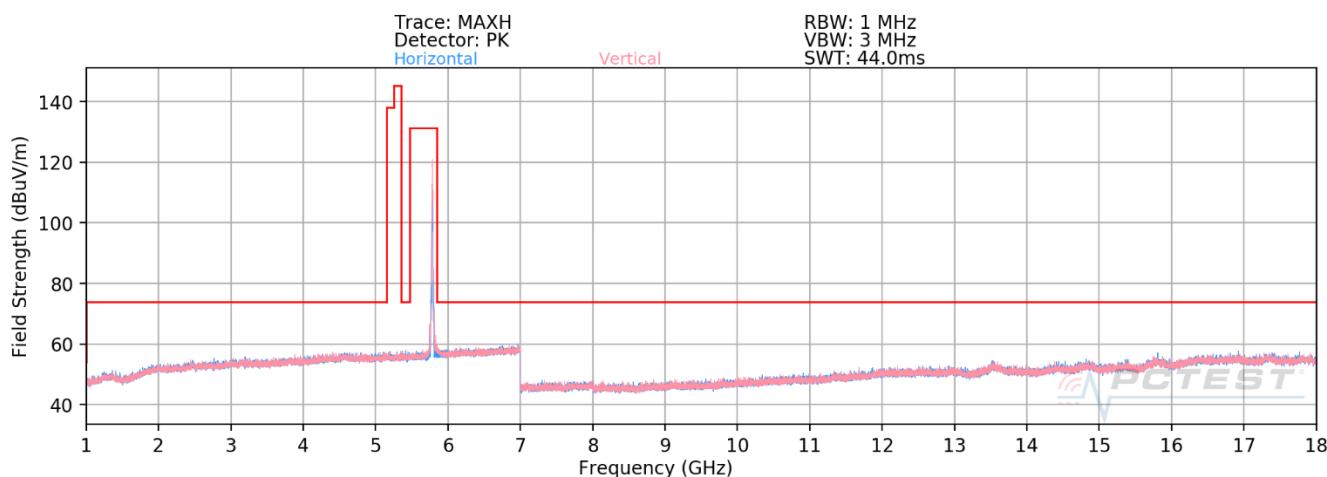


Plot 7-753. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU26)

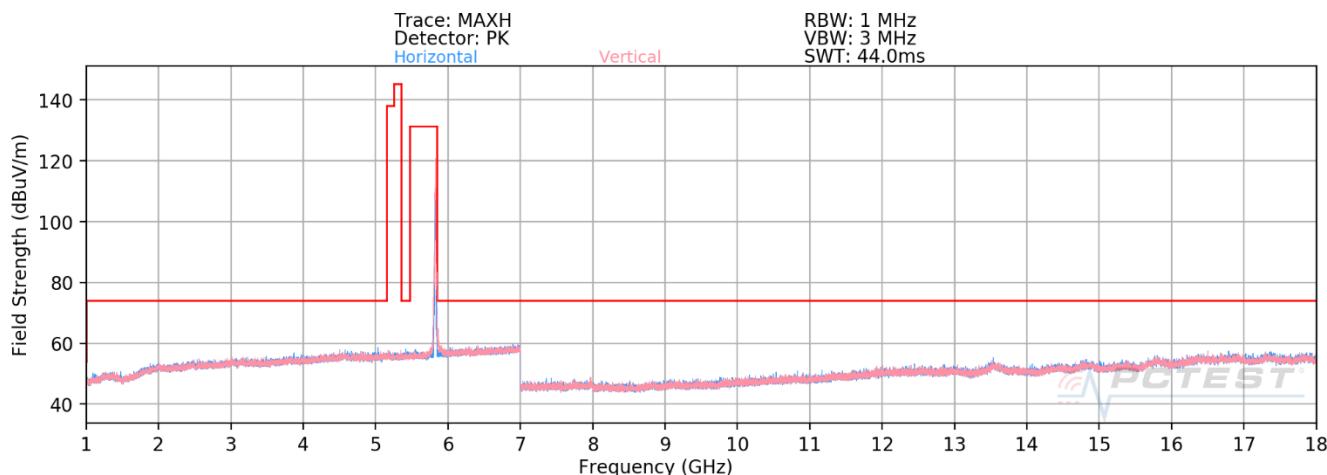
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 438 of 539 |



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: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 439 of 539 |

SISO CORE 1 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: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5180MHz |
| Channel: | 36 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | H | - | - | -73.37 | 18.62 | 52.25 | 68.20 | -15.95 |
| 15540.00 | Average | H | - | - | -85.86 | 25.60 | 46.74 | 53.98 | -7.24 |
| 15540.00 | Peak | H | - | - | -74.43 | 25.60 | 58.17 | 73.98 | -15.81 |

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

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5200MHz |
| Channel: | 40 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | H | - | - | -73.25 | 18.72 | 52.47 | 68.20 | -15.73 |
| 15600.00 | Average | H | - | - | -85.66 | 25.91 | 47.25 | 53.98 | -6.73 |
| 15600.00 | Peak | H | - | - | -74.65 | 25.91 | 58.26 | 73.98 | -15.72 |

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

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5240MHz |
| Channel: | 48 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | H | - | - | -73.69 | 19.81 | 53.12 | 68.20 | -15.08 |
| 15720.00 | Average | H | - | - | -85.84 | 25.55 | 46.71 | 53.98 | -7.27 |
| 15720.00 | Peak | H | - | - | -74.62 | 25.55 | 57.93 | 73.98 | -16.05 |

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

| | | | | | | | |
|---|--|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5260MHz
 Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | H | - | - | -74.04 | 19.96 | 52.92 | 68.20 | -15.28 |
| 15780.00 | Average | H | - | - | -85.97 | 25.70 | 46.73 | 53.98 | -7.25 |
| 15780.00 | Peak | H | - | - | -74.78 | 25.70 | 57.92 | 73.98 | -16.06 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5300MHz
 Channel: 60

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10600.00 | Peak | H | - | - | -73.90 | 19.70 | 52.80 | 68.20 | -15.40 |
| 15900.00 | Average | H | - | - | -85.87 | 25.59 | 46.72 | 53.98 | -7.26 |
| 15900.00 | Peak | H | - | - | -74.35 | 25.59 | 58.24 | 73.98 | -15.74 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10640.00 | Average | H | - | - | -84.82 | 19.69 | 41.87 | 53.98 | -12.11 |
| 10640.00 | Peak | H | - | - | -73.79 | 19.69 | 52.90 | 73.98 | -21.08 |
| 15960.00 | Average | H | - | - | -85.55 | 26.01 | 47.46 | 53.98 | -6.52 |
| 15960.00 | Peak | H | - | - | -74.63 | 26.01 | 58.38 | 73.98 | -15.60 |

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

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11000.00 | Average | H | - | - | -85.07 | 19.67 | 41.60 | 53.98 | -12.38 |
| 11000.00 | Peak | H | - | - | -73.75 | 19.67 | 52.92 | 73.98 | -21.06 |
| 16500.00 | Peak | H | - | - | -74.23 | 26.61 | 59.38 | 68.20 | -8.82 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11160.00 | Average | H | - | - | -85.24 | 19.90 | 41.66 | 53.98 | -12.32 |
| 11160.00 | Peak | H | - | - | -73.81 | 19.90 | 53.09 | 73.98 | -20.89 |
| 16740.00 | Peak | H | - | - | -74.02 | 27.52 | 60.50 | 68.20 | -7.70 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11440.00 | Average | H | - | - | -85.60 | 20.25 | 41.65 | 53.98 | -12.33 |
| 11440.00 | Peak | H | - | - | -74.40 | 20.25 | 52.85 | 73.98 | -21.13 |
| 17160.00 | Peak | H | - | - | -74.86 | 27.51 | 59.65 | 68.20 | -8.55 |

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

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | H | - | - | -85.85 | 20.15 | 41.30 | 53.98 | -12.68 |
| 11490.00 | Peak | H | - | - | -74.33 | 20.15 | 52.82 | 73.98 | -21.16 |
| 17235.00 | Peak | H | - | - | -74.77 | 28.21 | 60.44 | 68.20 | -7.76 |

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

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5785MHz
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11570.00 | Average | H | - | - | -85.44 | 20.30 | 41.86 | 53.98 | -12.11 |
| 11570.00 | Peak | H | - | - | -74.41 | 20.30 | 52.89 | 73.98 | -21.08 |
| 17355.00 | Peak | H | - | - | -74.57 | 27.92 | 60.35 | 68.20 | -7.85 |

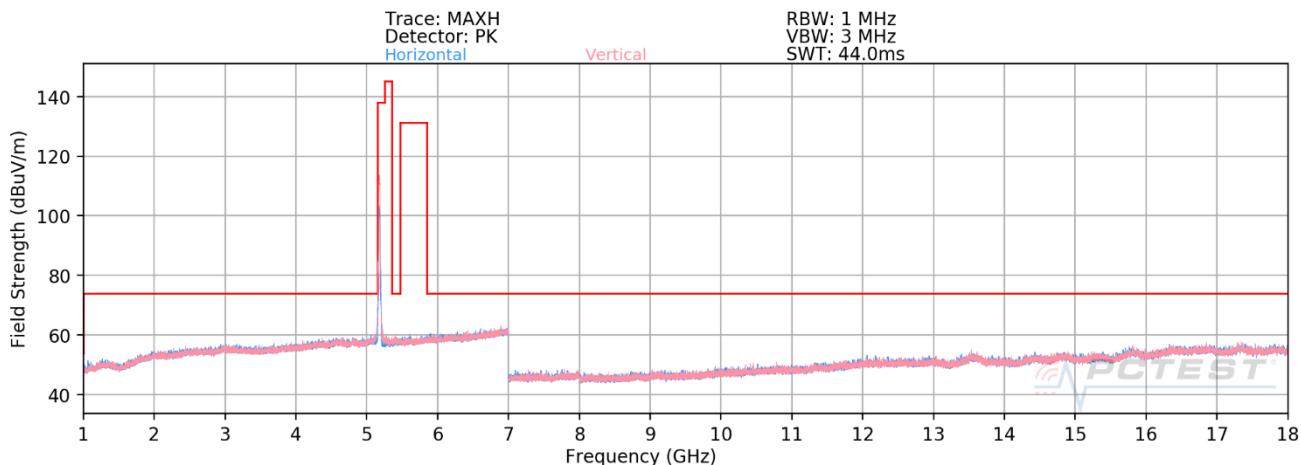
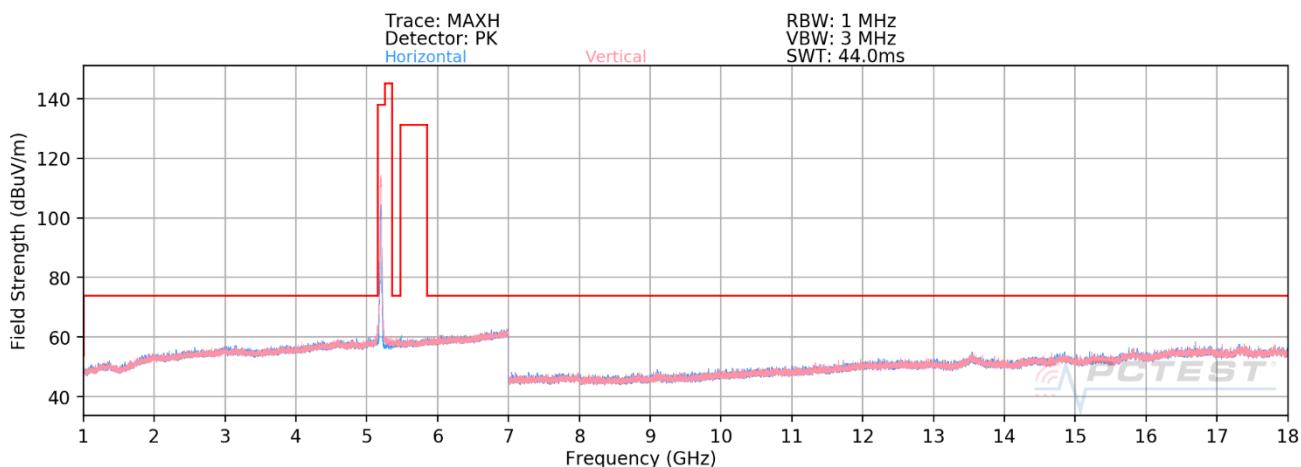
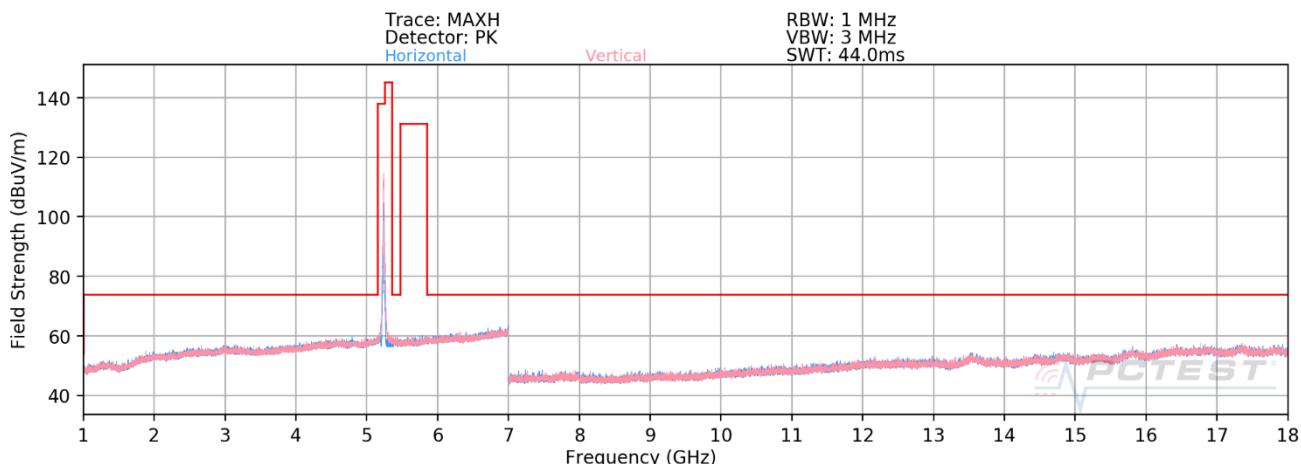
Table 7-117. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

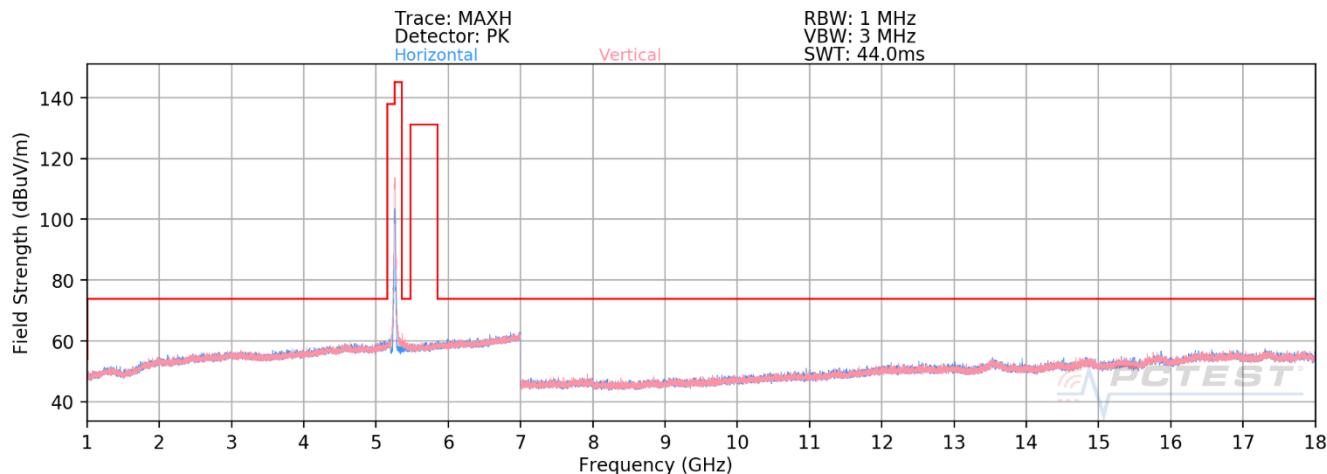
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | H | - | - | -85.49 | 21.29 | 42.80 | 53.98 | -11.18 |
| 11650.00 | Peak | H | - | - | -74.22 | 21.29 | 54.07 | 73.98 | -19.91 |
| 17475.00 | Peak | H | - | - | -74.38 | 28.14 | 60.76 | 68.20 | -7.44 |

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

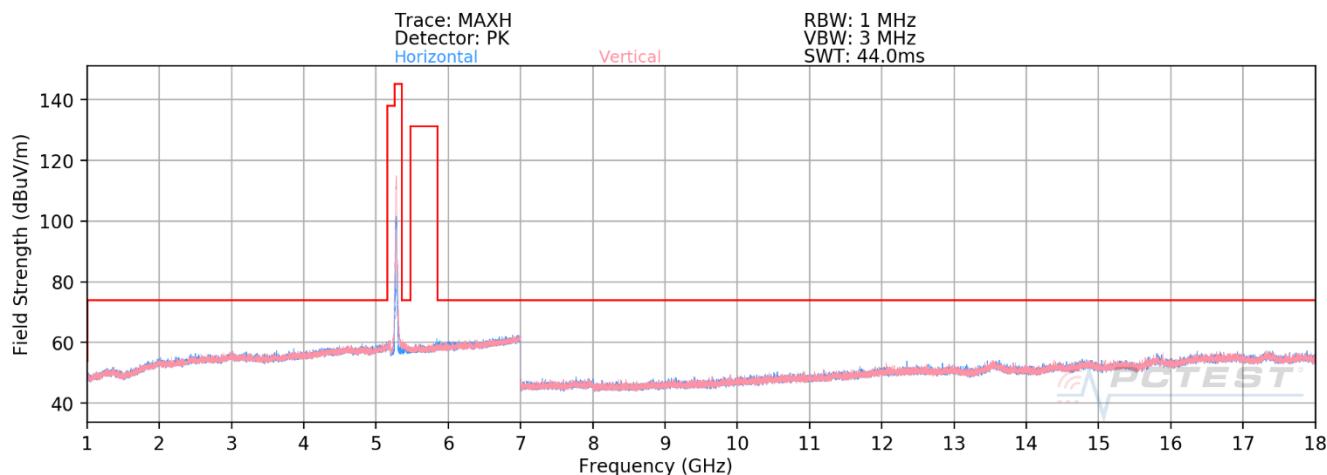
| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

RU242

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 – RU242)

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

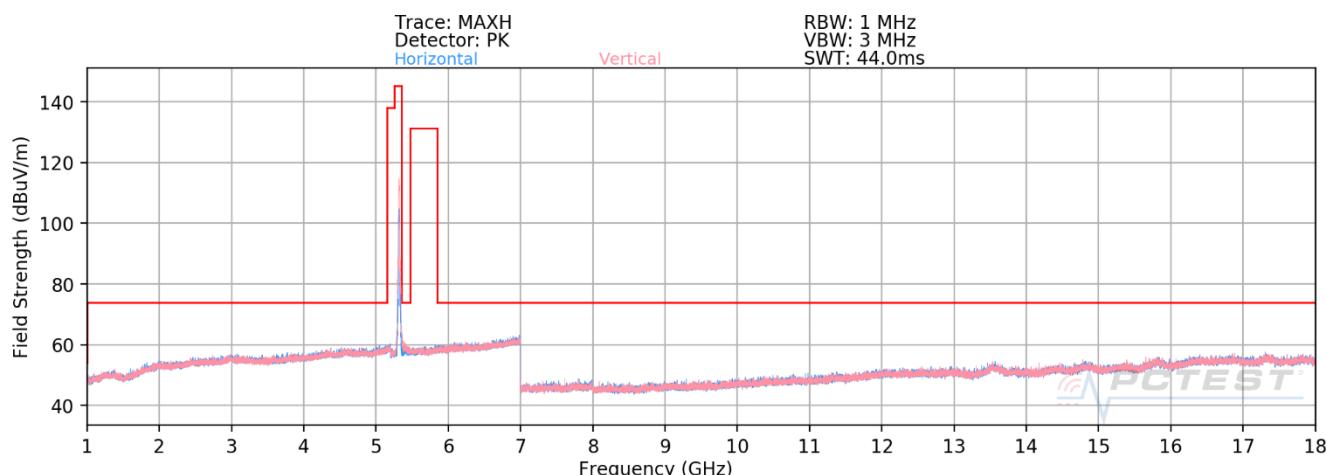
| | | | | |
|---|---|---------------------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 444 of 539 | |



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

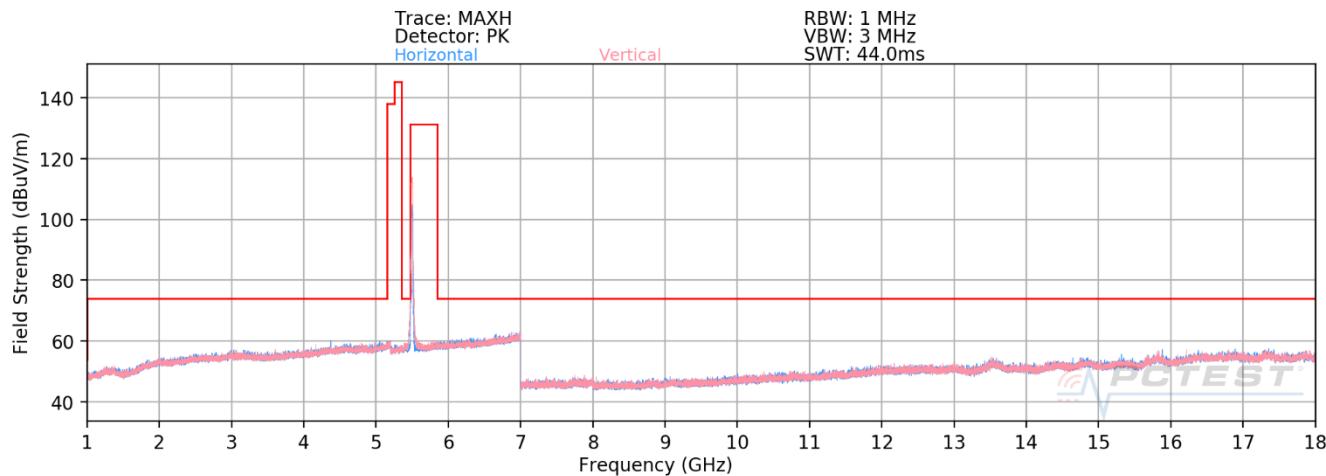


Plot 7-761. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 60 – RU242)

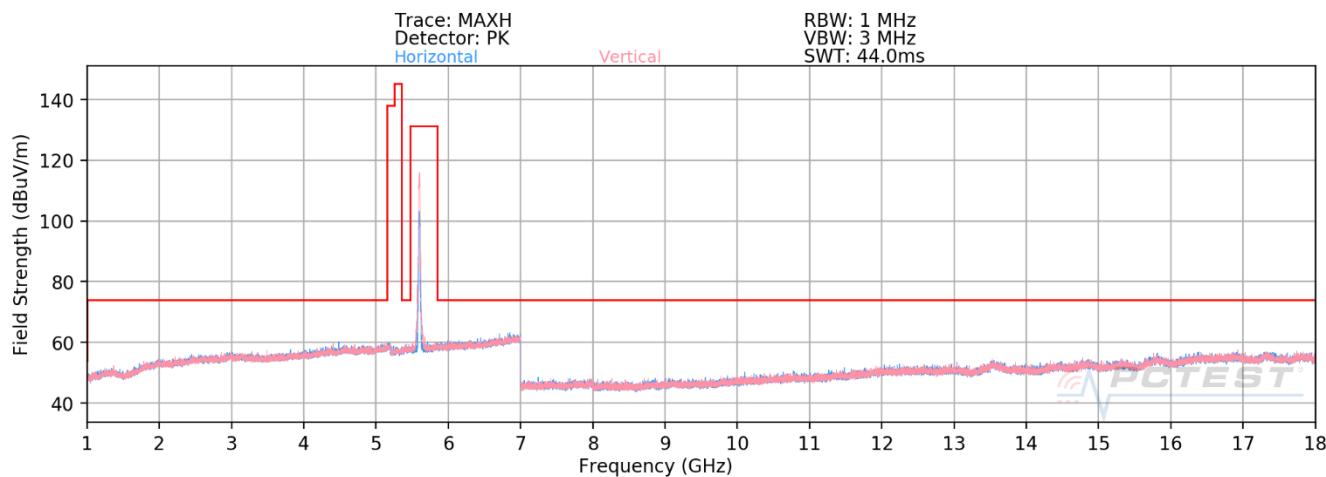


Plot 7-762. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU242)

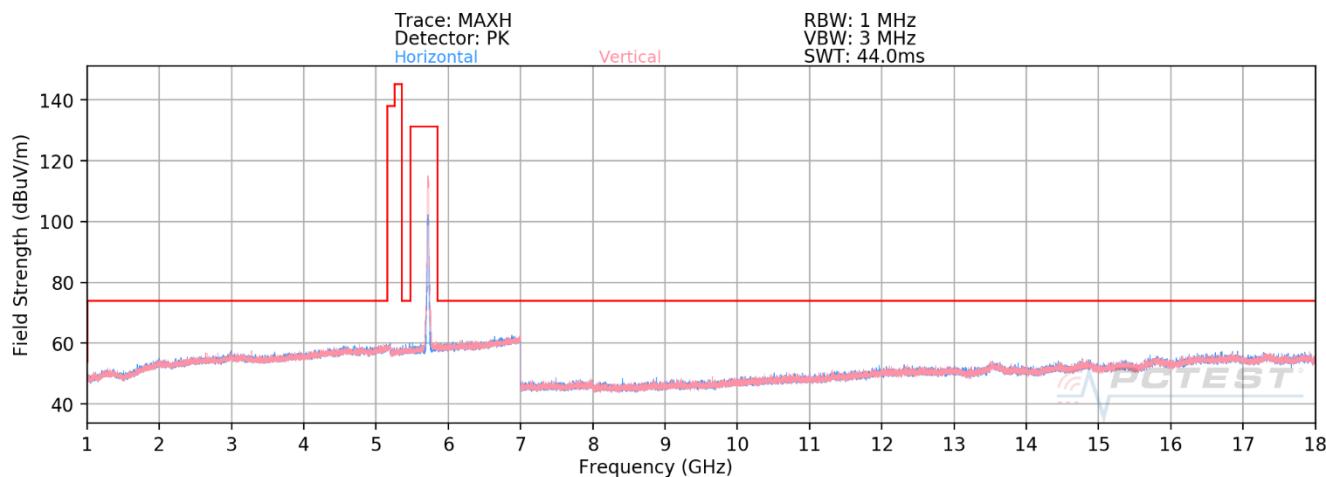
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 445 of 539 |



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

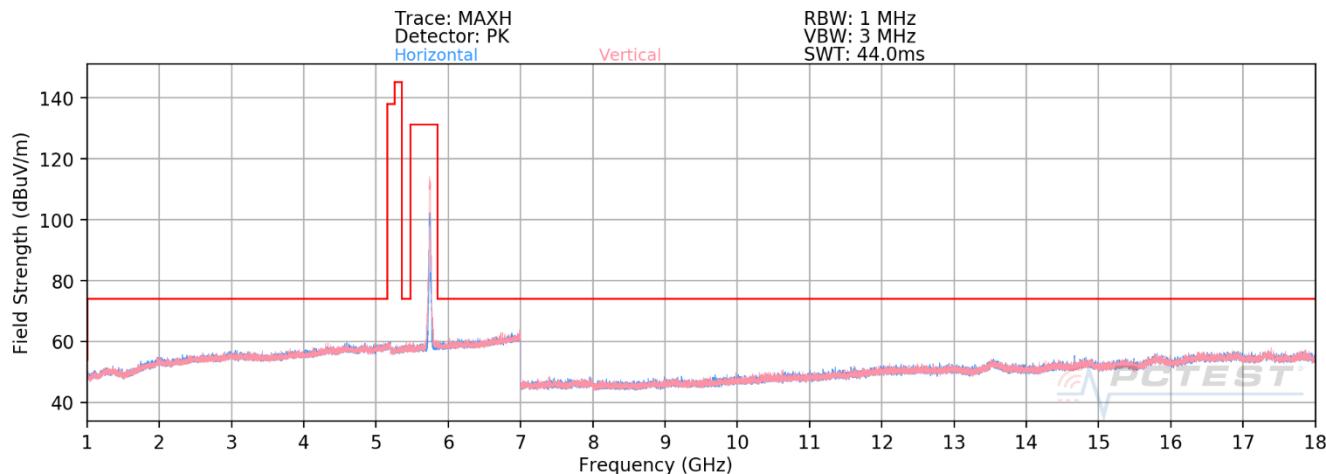


Plot 7-764. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU242)

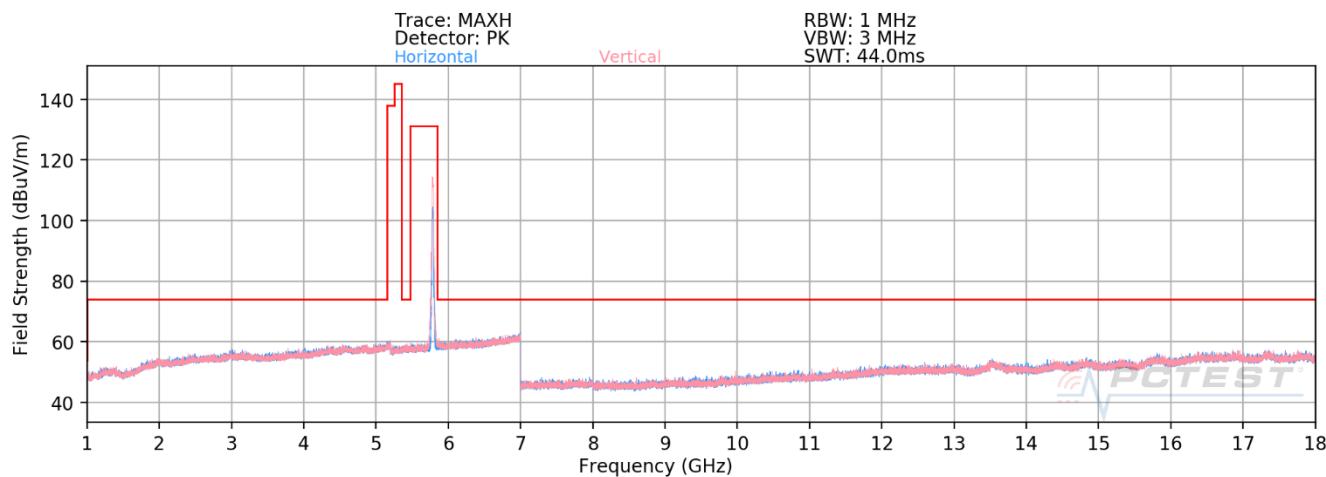


Plot 7-765. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU242)

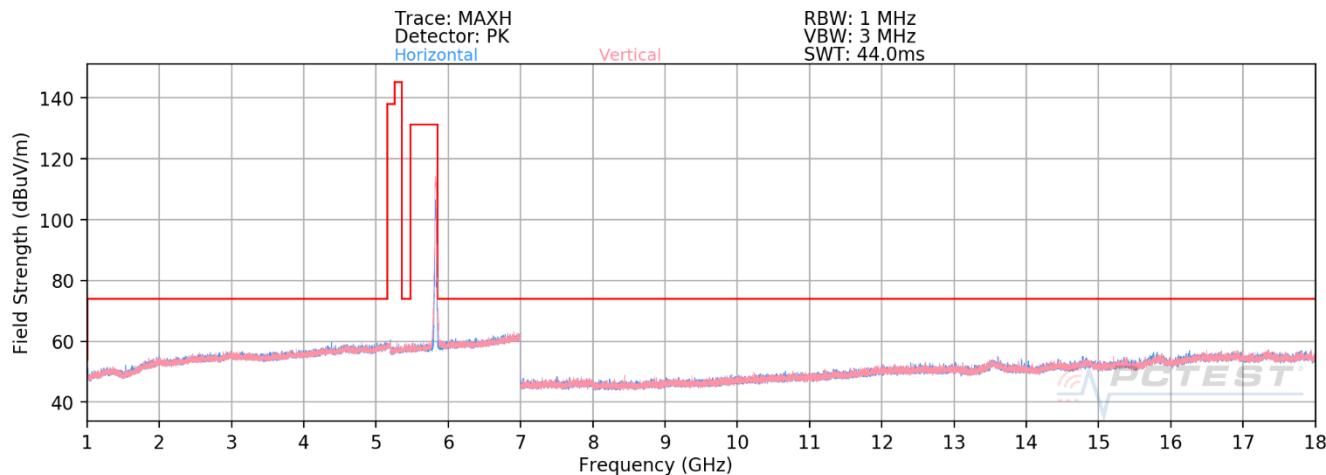
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 446 of 539 |



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: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 447 of 539 |

SISO CORE 1 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | H | - | - | -72.32 | 14.34 | 49.02 | 68.20 | -19.18 |
| 15540.00 | Average | H | - | - | -84.85 | 20.37 | 42.52 | 53.98 | -11.46 |
| 15540.00 | Peak | H | - | - | -74.10 | 20.37 | 53.27 | 73.98 | -20.71 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | H | - | - | -71.79 | 14.43 | 49.64 | 68.20 | -18.56 |
| 15600.00 | Average | H | - | - | -84.70 | 20.56 | 42.86 | 53.98 | -11.12 |
| 15600.00 | Peak | H | - | - | -73.24 | 20.56 | 54.32 | 73.98 | -19.66 |

Table 7-120. 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: | 5240MHz |
| Channel: | 48 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | H | - | - | -71.77 | 14.63 | 49.86 | 68.20 | -18.34 |
| 15720.00 | Average | H | - | - | -84.80 | 21.60 | 43.80 | 53.98 | -10.18 |
| 15720.00 | Peak | H | - | - | -73.87 | 21.60 | 54.73 | 73.98 | -19.25 |

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

| | | | | | | | |
|---|--|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | H | - | - | -71.37 | 14.85 | 50.48 | 68.20 | -17.72 |
| 15780.00 | Average | H | - | - | -85.23 | 21.89 | 43.66 | 53.98 | -10.32 |
| 15780.00 | Peak | H | - | - | -74.03 | 21.89 | 54.86 | 73.98 | -19.12 |

Table 7-122. 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: 5300MHz
 Channel: 60

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10600.00 | Peak | H | - | - | -71.81 | 14.37 | 49.56 | 68.20 | -18.64 |
| 15900.00 | Average | H | - | - | -85.07 | 21.77 | 43.70 | 53.98 | -10.28 |
| 15900.00 | Peak | H | - | - | -74.04 | 21.77 | 54.73 | 73.98 | -19.25 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10640.00 | Average | H | - | - | -82.91 | 14.85 | 38.94 | 53.98 | -15.04 |
| 10640.00 | Peak | H | - | - | -71.46 | 14.85 | 50.39 | 73.98 | -23.59 |
| 15960.00 | Average | H | - | - | -84.76 | 21.74 | 43.98 | 53.98 | -10.00 |
| 15960.00 | Peak | H | - | - | -74.14 | 21.74 | 54.60 | 73.98 | -19.38 |

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

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11000.00 | Average | H | - | - | -83.21 | 15.88 | 39.67 | 53.98 | -14.31 |
| 11000.00 | Peak | H | - | - | -72.23 | 15.88 | 50.65 | 73.98 | -23.33 |
| 16500.00 | Peak | H | - | - | -72.65 | 21.60 | 55.95 | 68.20 | -12.25 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11160.00 | Average | H | - | - | -84.66 | 16.51 | 38.85 | 53.98 | -15.13 |
| 11160.00 | Peak | H | - | - | -73.77 | 16.51 | 49.74 | 73.98 | -24.24 |
| 16740.00 | Peak | H | - | - | -73.24 | 22.16 | 55.92 | 68.20 | -12.28 |

Table 7-126. 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: 5720MHz
 Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11440.00 | Average | H | - | - | -84.37 | 16.74 | 39.37 | 53.98 | -14.61 |
| 11440.00 | Peak | H | - | - | -72.87 | 16.74 | 50.87 | 73.98 | -23.11 |
| 17160.00 | Peak | H | - | - | -73.43 | 21.60 | 55.17 | 68.20 | -13.03 |

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

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | H | - | - | -86.86 | 20.15 | 40.29 | 53.98 | -13.69 |
| 11490.00 | Peak | H | - | - | -74.06 | 20.15 | 53.09 | 73.98 | -20.89 |
| 17235.00 | Peak | H | - | - | -75.14 | 28.21 | 60.07 | 68.20 | -8.13 |

Table 7-128. 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: 5785MHz
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11570.00 | Average | H | - | - | -85.95 | 20.30 | 41.35 | 53.98 | -12.62 |
| 11570.00 | Peak | H | - | - | -73.61 | 20.30 | 53.69 | 73.98 | -20.28 |
| 17355.00 | Peak | H | - | - | -74.39 | 27.92 | 60.53 | 68.20 | -7.67 |

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

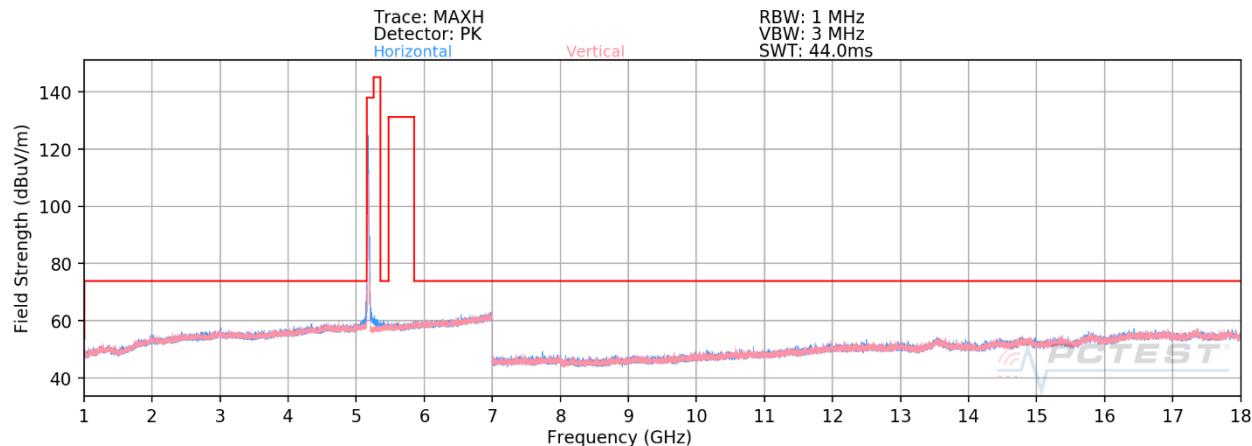
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | H | - | - | -84.34 | 16.45 | 39.11 | 53.98 | -14.87 |
| 11650.00 | Peak | H | - | - | -72.38 | 16.45 | 51.07 | 73.98 | -22.91 |
| 17475.00 | Peak | H | - | - | -73.10 | 21.94 | 55.84 | 68.20 | -12.36 |

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

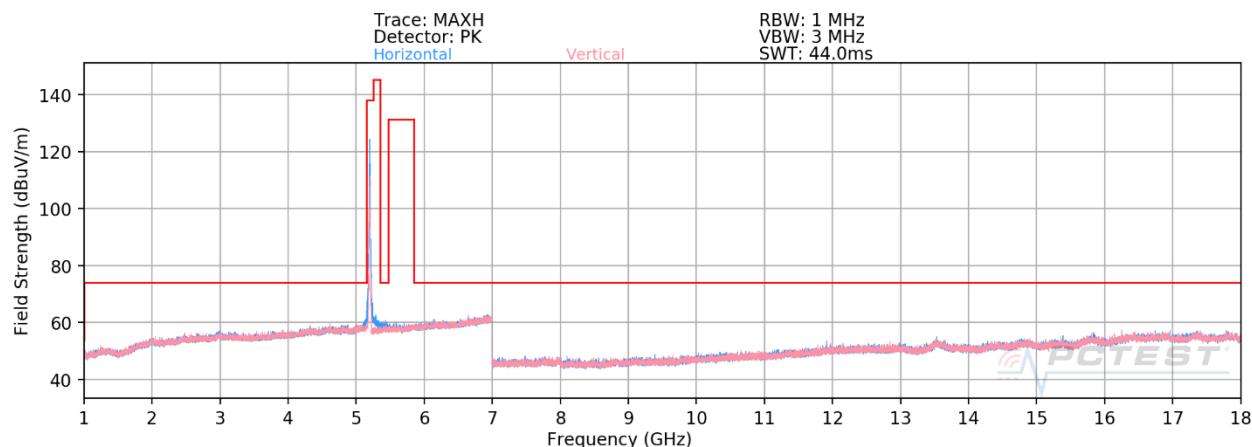
| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

7.6.3 CDD/SDM Radiated Spurious Emission Measurements

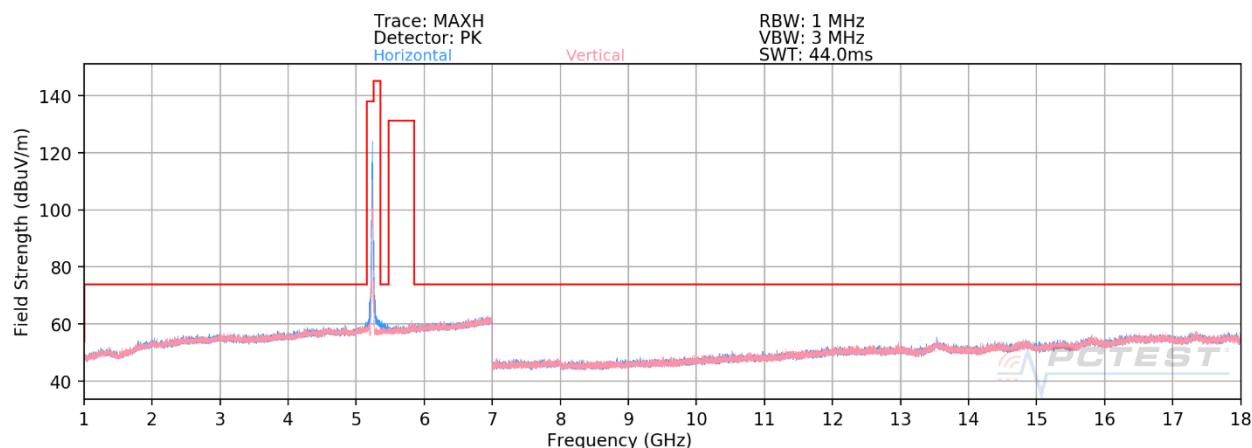
RU26



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

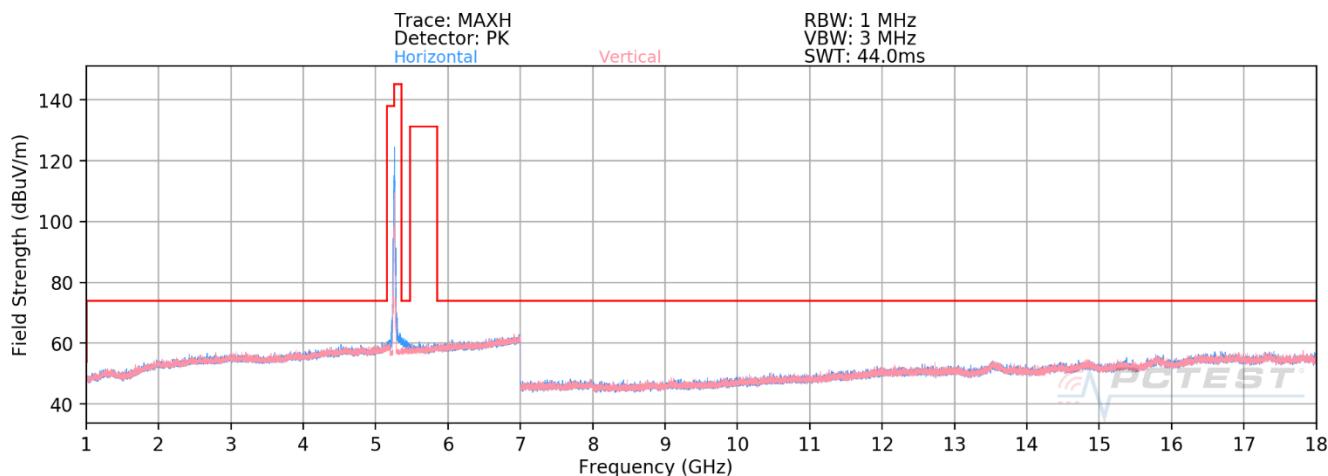


Plot 7-770. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 40 – RU26)

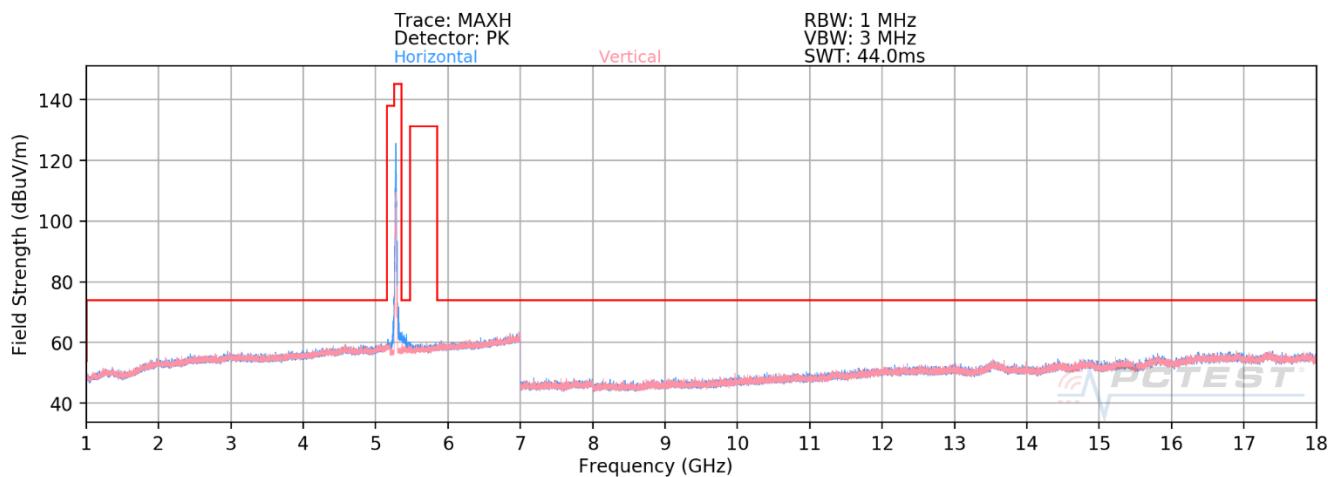


Plot 7-771. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 48 – RU26)

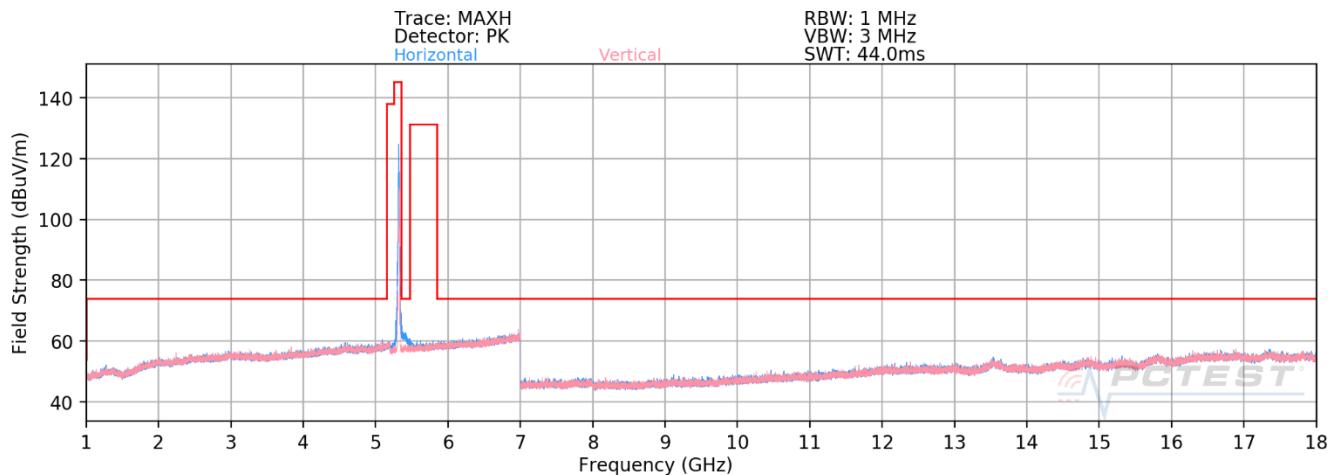
| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 452 of 539 |



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

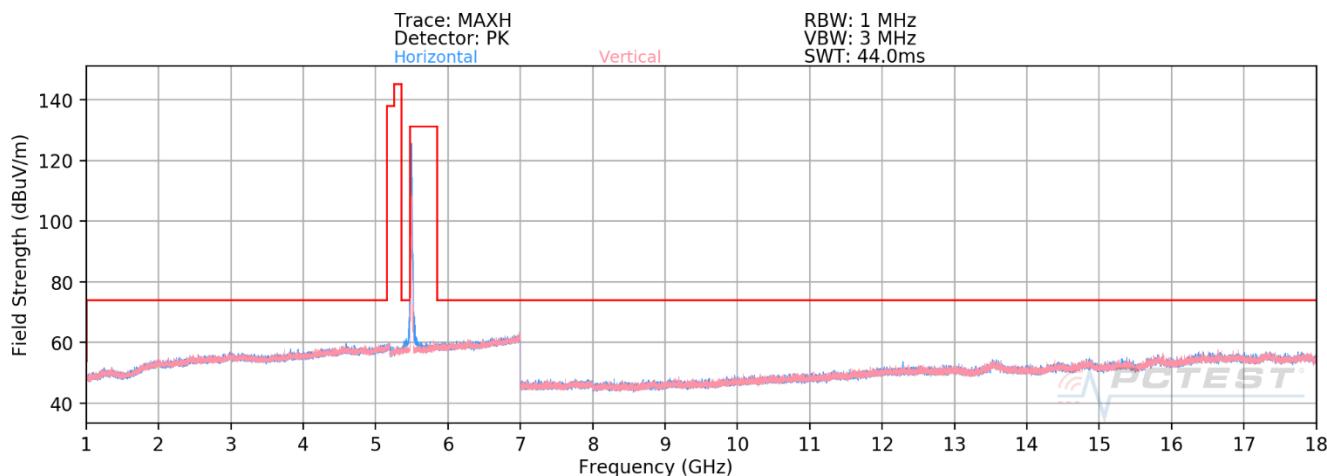


Plot 7-773. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 60 – RU26)

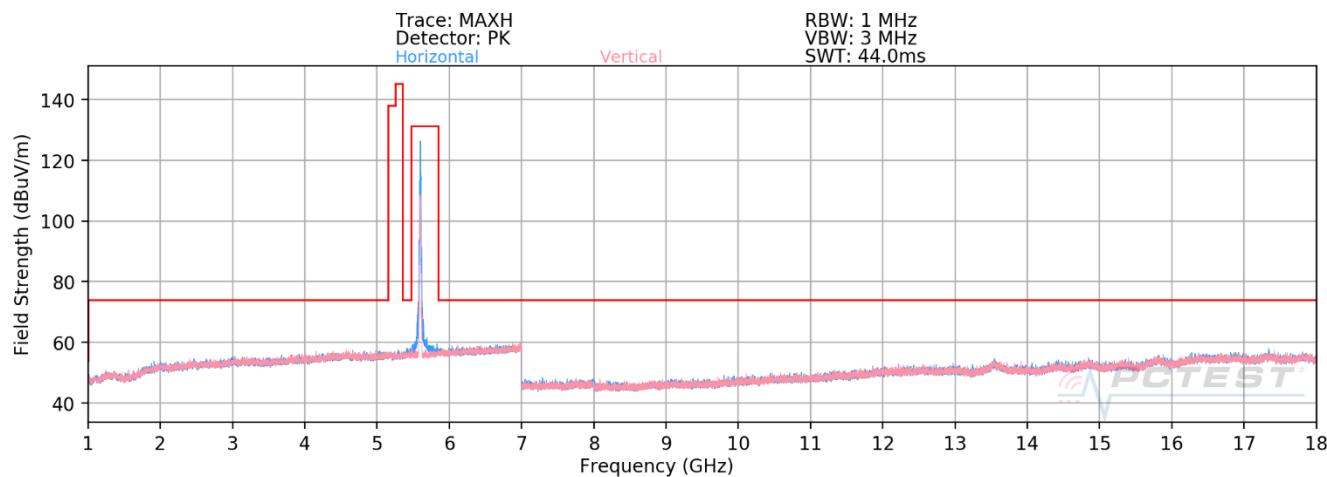


Plot 7-774. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 64 – RU26)

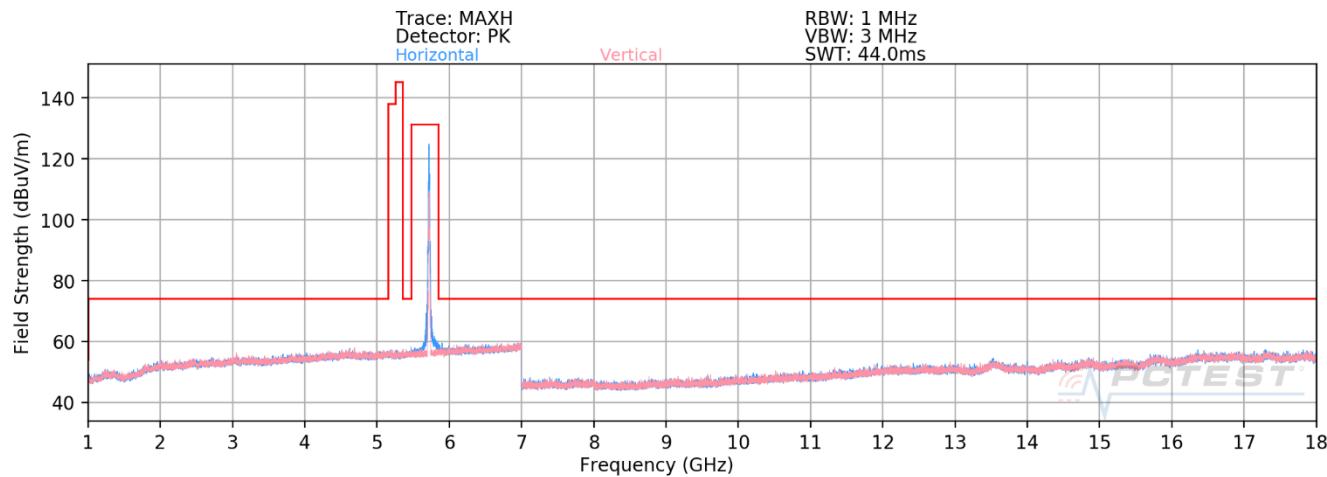
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 453 of 539 |



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

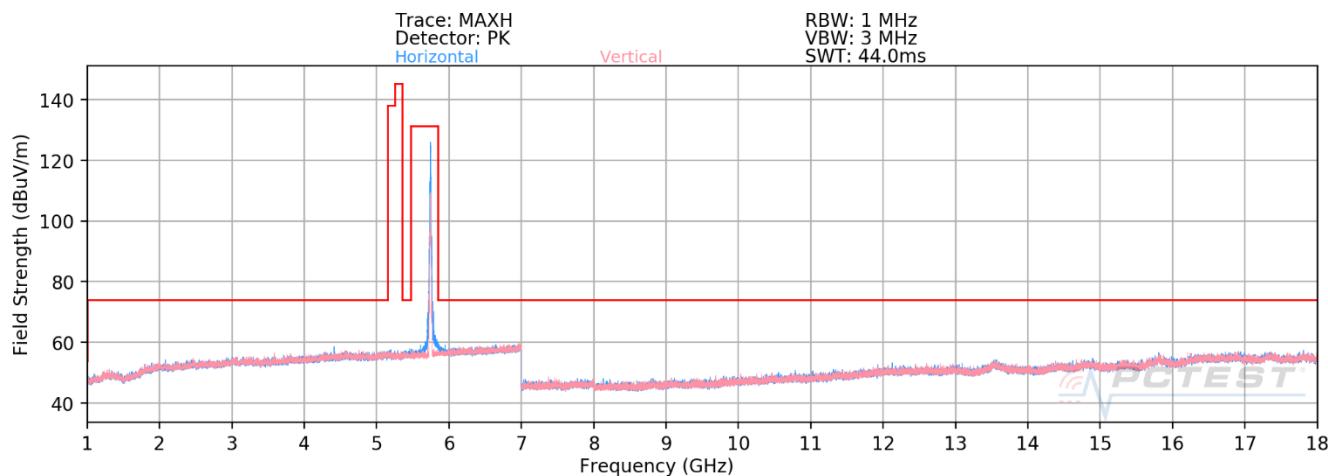


Plot 7-776. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 116 – RU26)

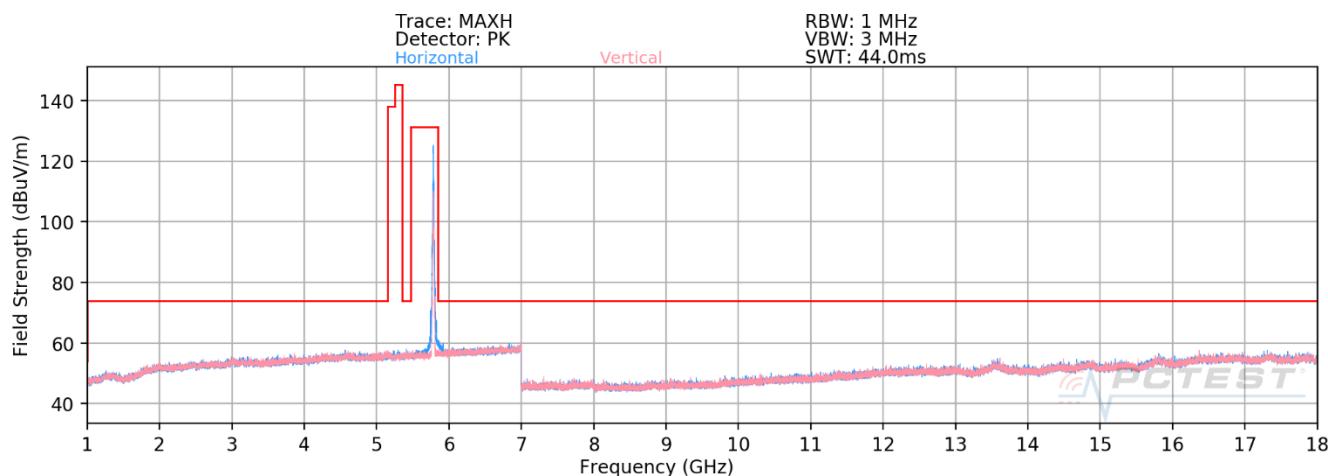


Plot 7-777. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 144 – RU26)

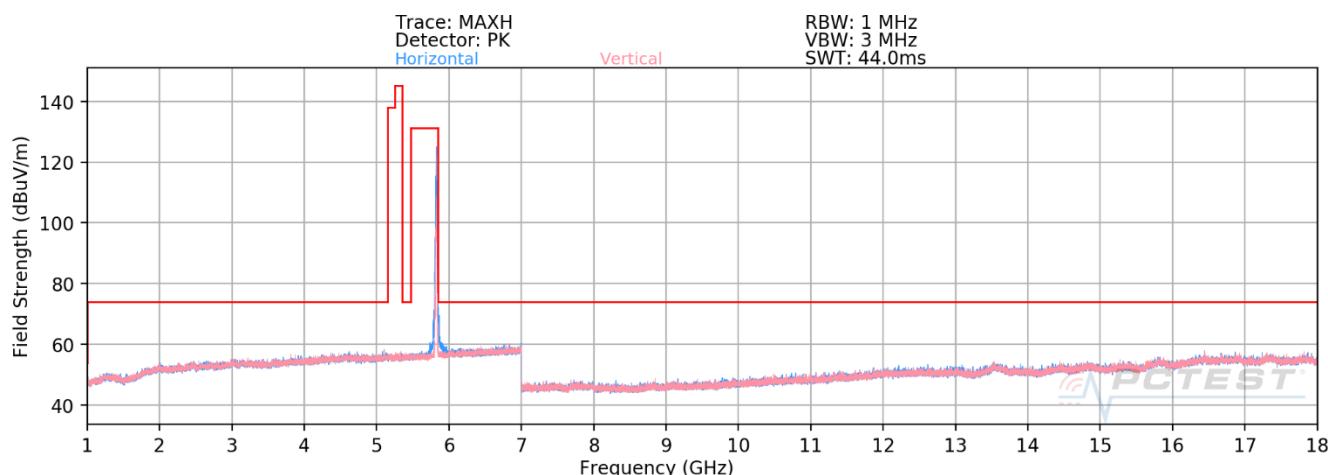
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 454 of 539 |



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: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 455 of 539 |



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: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5180MHz |
| Channel: | 36 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | H | - | - | -72.53 | 14.34 | 48.81 | 68.20 | -19.39 |
| 15540.00 | Average | H | - | - | -85.14 | 20.37 | 42.23 | 53.98 | -11.75 |
| 15540.00 | Peak | H | - | - | -73.77 | 20.37 | 53.60 | 73.98 | -20.38 |

Table 7-131. Radiated Measurements CDD (RU26)

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5200MHz |
| Channel: | 40 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | H | - | - | -72.15 | 14.43 | 49.28 | 68.20 | -18.92 |
| 15600.00 | Average | H | - | - | -84.13 | 20.56 | 43.43 | 53.98 | -10.55 |
| 15600.00 | Peak | H | - | - | -73.66 | 20.56 | 53.90 | 73.98 | -20.08 |

Table 7-132. Radiated Measurements CDD (RU26)

| | |
|---------------------------|---------------------|
| Worst Case Mode: | 802.11ax (20MHz BW) |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5240MHz |
| Channel: | 48 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | H | - | - | -72.36 | 14.63 | 49.27 | 68.20 | -18.93 |
| 15720.00 | Average | H | - | - | -85.79 | 21.60 | 42.81 | 53.98 | -11.17 |
| 15720.00 | Peak | H | - | - | -73.84 | 21.60 | 54.76 | 73.98 | -19.22 |

Table 7-133. Radiated Measurements CDD (RU26)

| | | | |
|---|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2232 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | Page 456 of 539 |

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5260MHz
 Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | H | - | - | -71.46 | 14.85 | 50.39 | 68.20 | -17.81 |
| 15780.00 | Average | H | - | - | -85.95 | 21.89 | 42.94 | 53.98 | -11.04 |
| 15780.00 | Peak | H | - | - | -74.26 | 21.89 | 54.63 | 73.98 | -19.35 |

Table 7-134. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5300MHz
 Channel: 60

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10600.00 | Peak | H | - | - | -71.96 | 14.37 | 49.41 | 68.20 | -18.79 |
| 15900.00 | Average | H | - | - | -86.20 | 21.77 | 42.57 | 53.98 | -11.41 |
| 15900.00 | Peak | H | - | - | -74.82 | 21.77 | 53.95 | 73.98 | -20.03 |

Table 7-135. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10640.00 | Average | H | - | - | -83.69 | 14.85 | 38.16 | 53.98 | -15.82 |
| 10640.00 | Peak | H | - | - | -72.02 | 14.85 | 49.83 | 73.98 | -24.15 |
| 15960.00 | Average | H | - | - | -85.48 | 21.74 | 43.26 | 53.98 | -10.72 |
| 15960.00 | Peak | H | - | - | -73.75 | 21.74 | 54.99 | 73.98 | -18.99 |

Table 7-136. Radiated Measurements CDD (RU26)

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS8
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11000.00 | Average | H | - | - | -84.21 | 15.88 | 38.67 | 53.98 | -15.31 |
| 11000.00 | Peak | H | - | - | -72.92 | 15.88 | 49.96 | 73.98 | -24.02 |
| 16500.00 | Peak | H | - | - | -73.53 | 21.60 | 55.07 | 68.20 | -13.13 |

Table 7-137. Radiated Measurements SDM (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS8
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11160.00 | Average | H | - | - | -84.38 | 16.51 | 39.13 | 53.98 | -14.85 |
| 11160.00 | Peak | H | - | - | -72.70 | 16.51 | 50.81 | 73.98 | -23.17 |
| 16740.00 | Peak | H | - | - | -73.82 | 22.16 | 55.34 | 68.20 | -12.86 |

Table 7-138. Radiated Measurements SDM (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS8
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11440.00 | Average | H | - | - | -84.66 | 16.74 | 39.08 | 53.98 | -14.90 |
| 11440.00 | Peak | H | - | - | -72.73 | 16.74 | 51.01 | 73.98 | -22.97 |
| 17160.00 | Peak | H | - | - | -73.28 | 21.60 | 55.32 | 68.20 | -12.88 |

Table 7-139. Radiated Measurements SDM (RU26)

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | H | - | - | -84.40 | 16.37 | 38.97 | 53.98 | -15.01 |
| 11490.00 | Peak | H | - | - | -73.08 | 16.37 | 50.29 | 73.98 | -23.69 |
| 17235.00 | Peak | H | - | - | -73.92 | 22.25 | 55.33 | 68.20 | -12.87 |

Table 7-140. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5785MHz
 Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11570.00 | Average | H | - | - | -84.23 | 17.01 | 39.78 | 53.98 | -14.20 |
| 11570.00 | Peak | H | - | - | -73.01 | 17.01 | 51.00 | 73.98 | -22.98 |
| 17355.00 | Peak | H | - | - | -73.24 | 22.61 | 56.37 | 68.20 | -11.83 |

Table 7-141. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | H | - | - | -84.35 | 16.45 | 39.10 | 53.98 | -14.88 |
| 11650.00 | Peak | H | - | - | -72.78 | 16.45 | 50.67 | 73.98 | -23.31 |
| 17475.00 | Peak | H | - | - | -72.60 | 21.94 | 56.34 | 68.20 | -11.86 |

Table 7-142. Radiated Measurements CDD (RU26)

| | | | | | | | |
|---|---|------------------------------------|--|--|--|--|---------------------------------|
| FCC ID: BCGA2232 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170055-13.BCG | Test Dates: 12/10/2019 - 02/25/2020 | EUT Type: Tablet Device | | | | | |