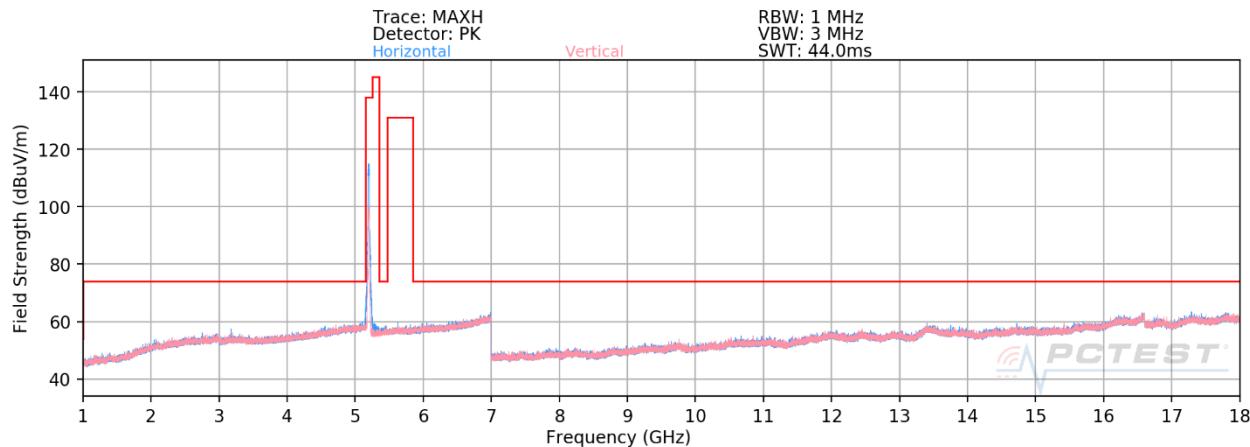
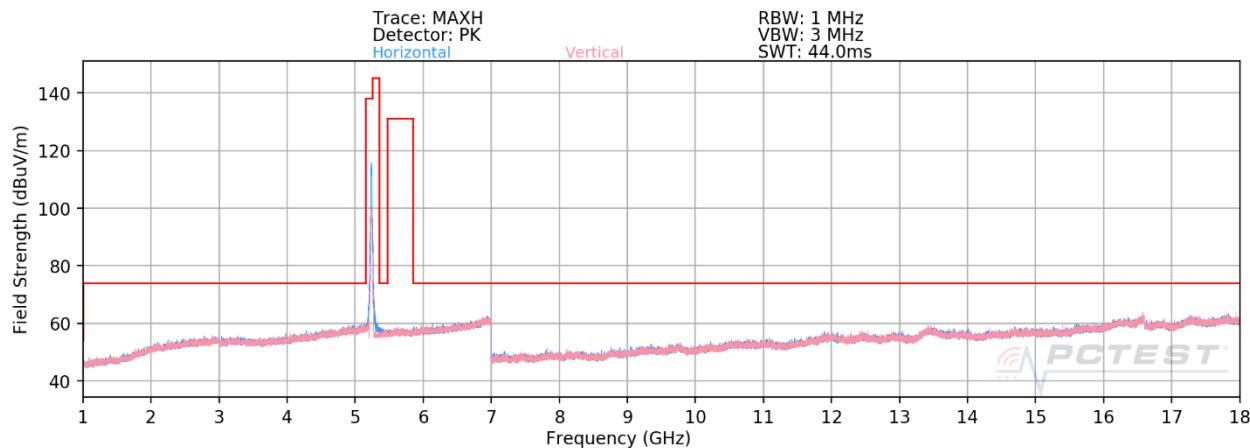
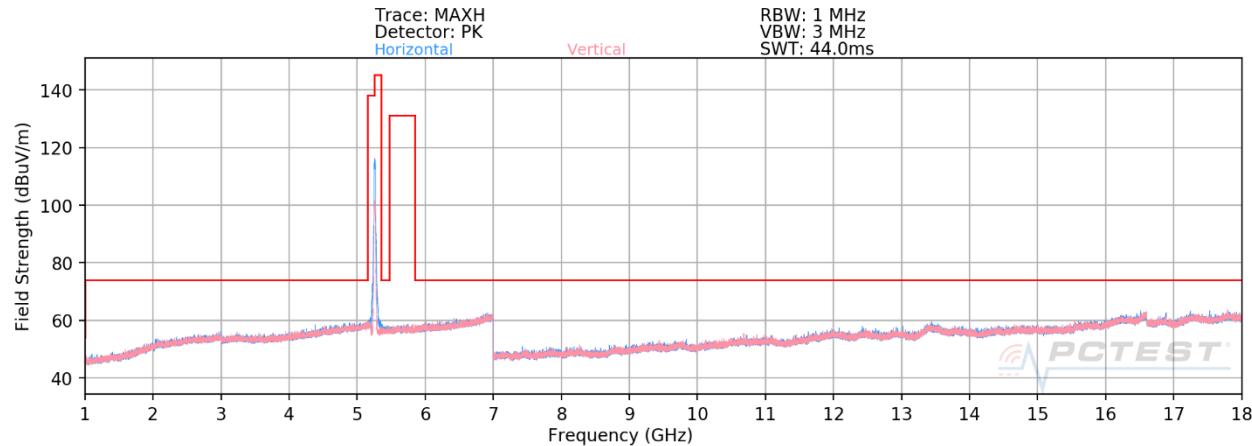
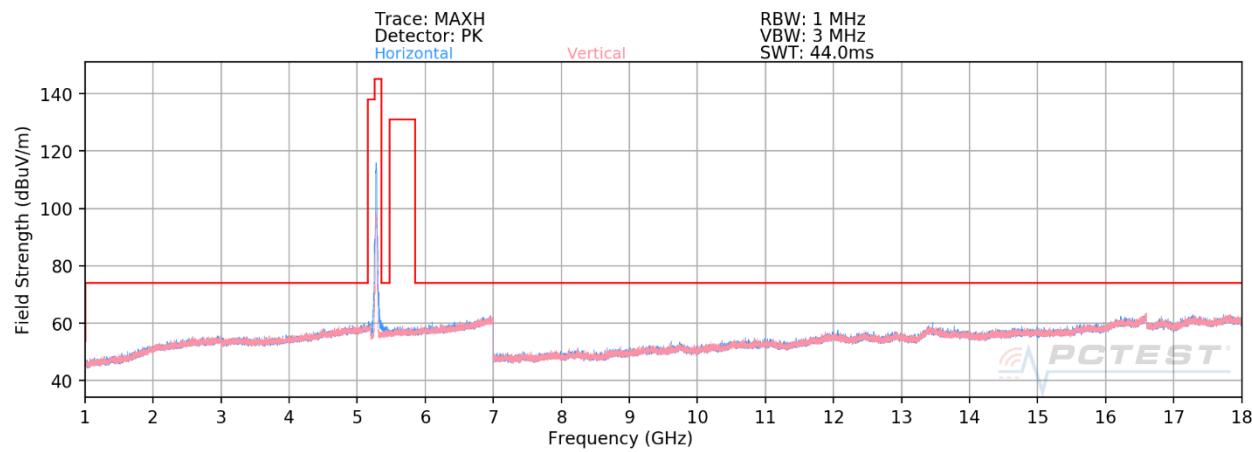

Plot 7-706. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 36 – RU242)

Plot 7-707. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 40 – RU242)

Plot 7-708. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 48 – RU242)

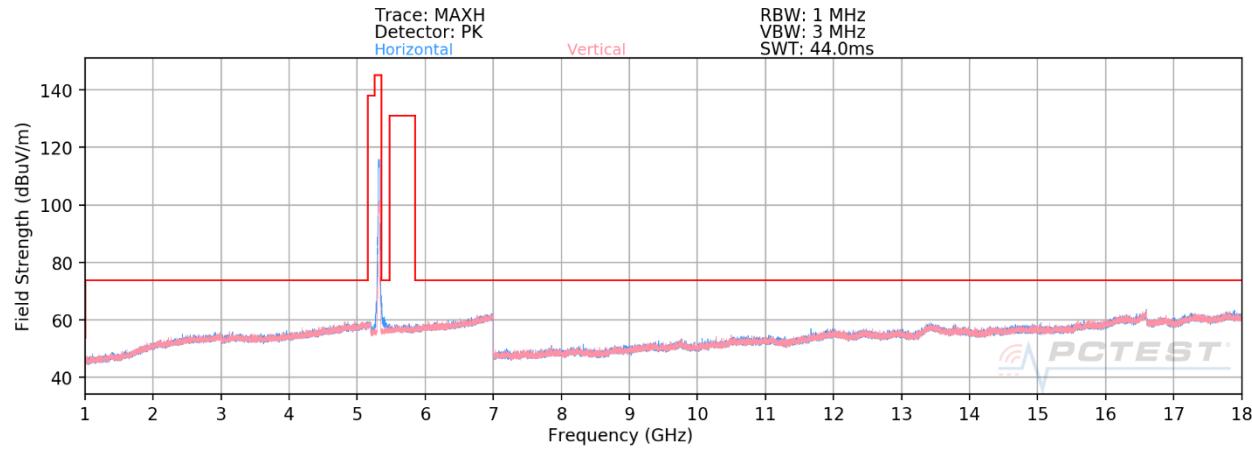
| | | | | |
|---|---|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | | Page 416 of 537 |



Plot 7-709. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 52 – RU242)

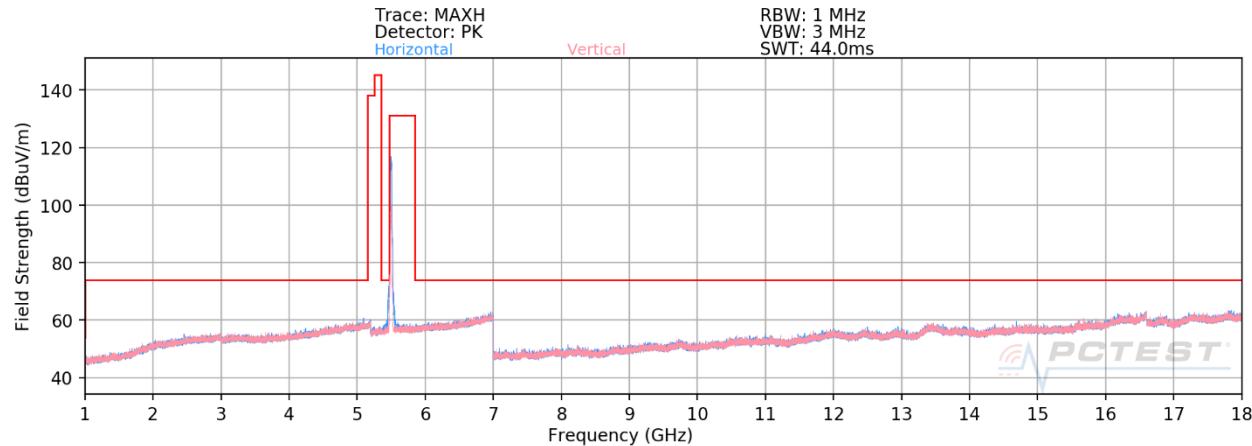


Plot 7-710. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 56 – RU242)

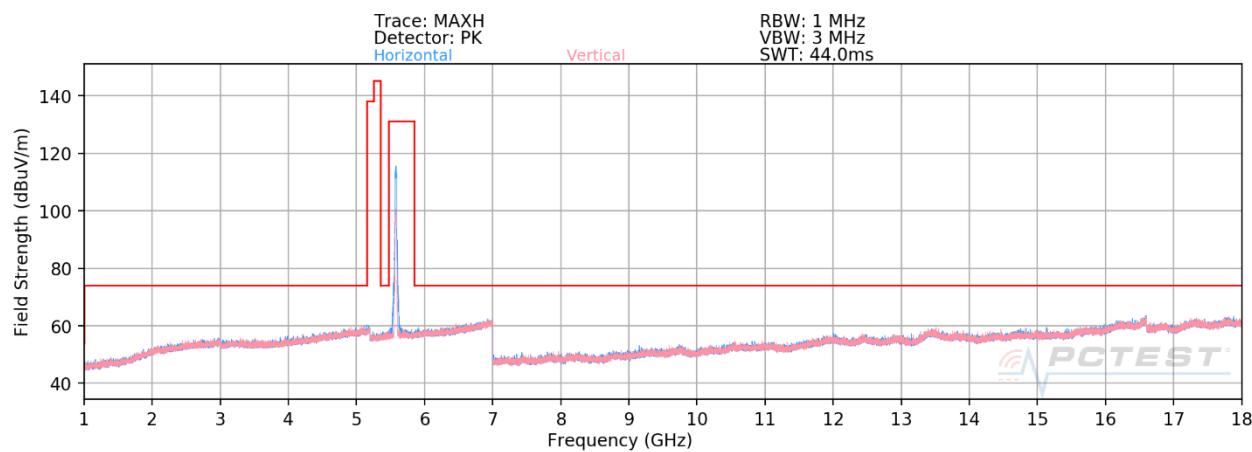


Plot 7-711. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 64 – RU242)

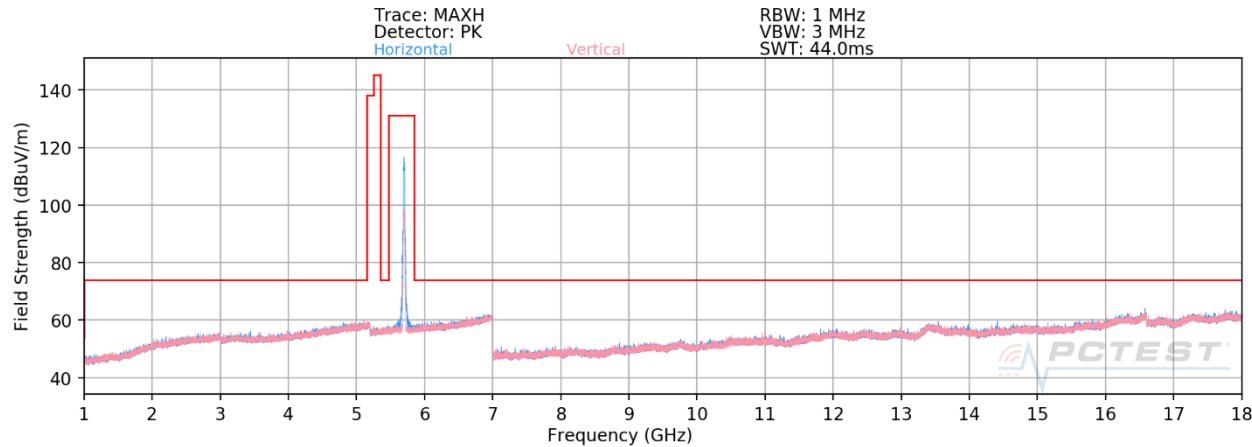
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 417 of 537 |



Plot 7-712. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 100 – RU242)

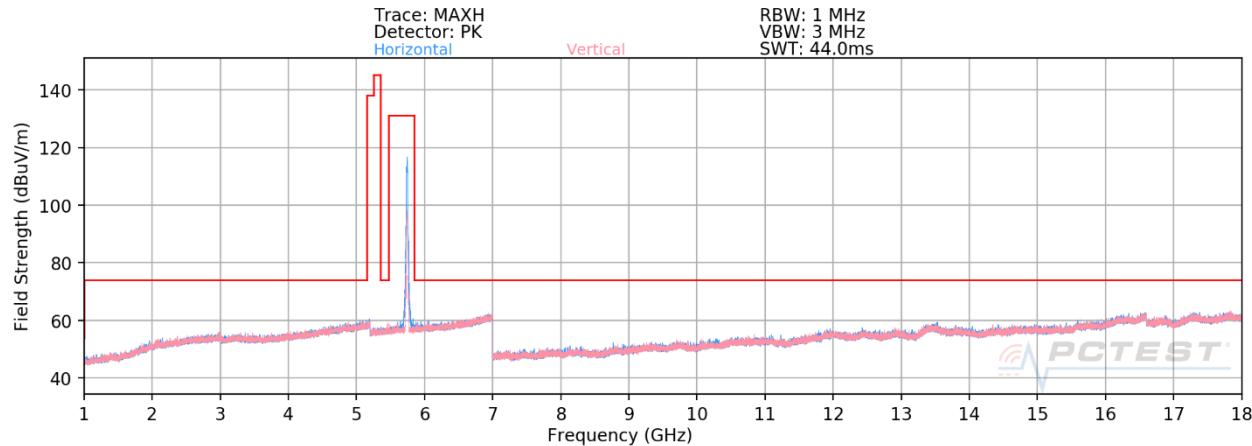


Plot 7-713. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 116 – RU242)

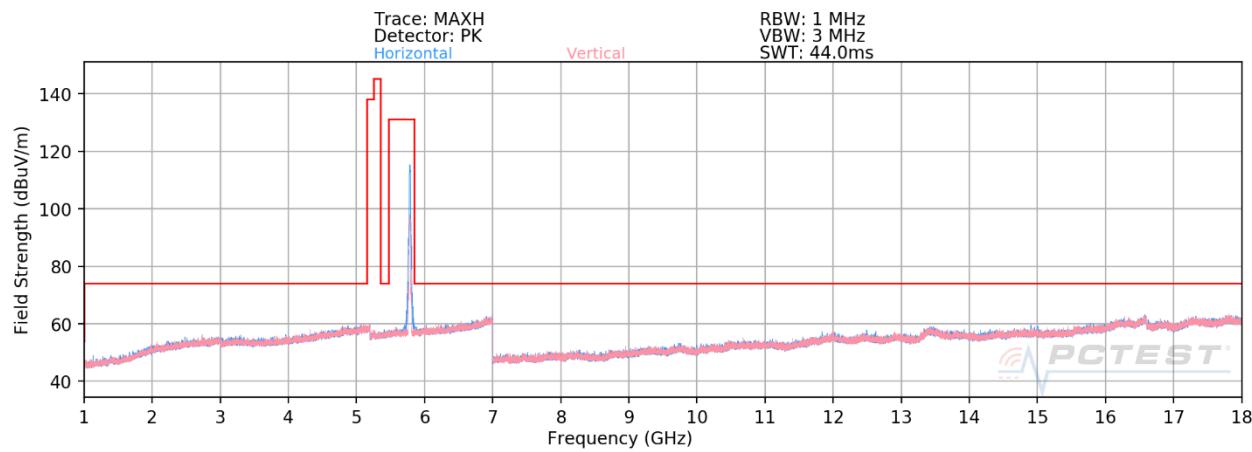


Plot 7-714. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 144 – RU242)

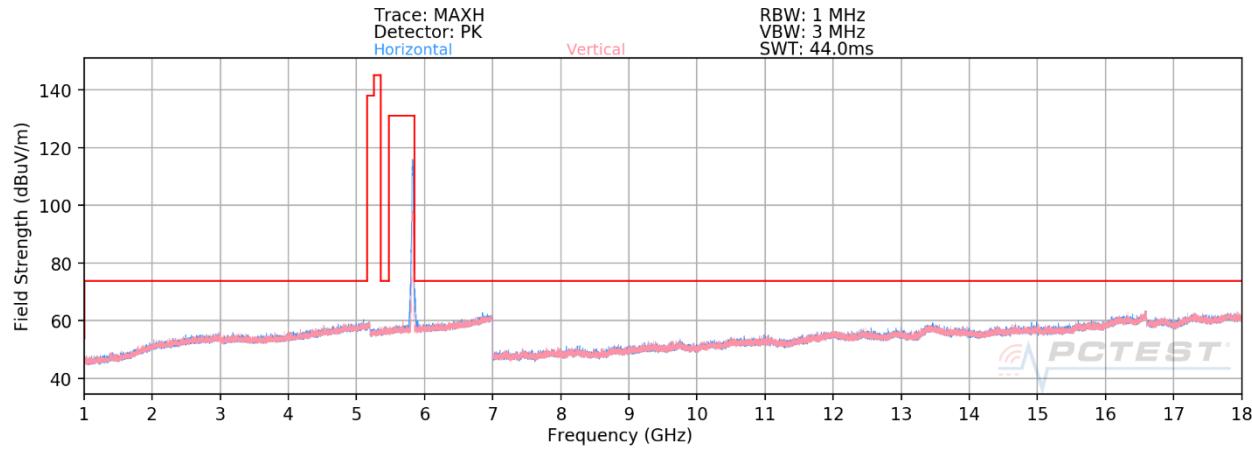
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 418 of 537 |



Plot 7-715. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 149 – RU242)



Plot 7-716. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 157 – RU242)



Plot 7-717. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 165 – RU242)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 419 of 537 |

SISO Core 0 Radiated Spurious Emission Measurements (RU242)

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

| | |
|---------------------------|----------------------------|
| Worst Case Mode: | <u>802.11ax (20MHz BW)</u> |
| Worst Case Transfer Rate: | <u>MCS0</u> |
| RU Index: | <u>61</u> |
| Distance of Measurements: | <u>3 Meters</u> |
| Operating Frequency: | <u>5180MHz</u> |
| Channel: | <u>36</u> |

| 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 | - | - | -73.73 | 18.62 | 51.89 | 68.20 | -16.31 |
| 15540.00 | Average | H | - | - | -85.74 | 25.60 | 46.86 | 53.98 | -7.12 |
| 15540.00 | Peak | H | - | - | -74.98 | 25.60 | 57.62 | 73.98 | -16.36 |

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

| | |
|---------------------------|----------------------------|
| Worst Case Mode: | <u>802.11ax (20MHz BW)</u> |
| Worst Case Transfer Rate: | <u>MCS0</u> |
| RU Index: | <u>61</u> |
| Distance of Measurements: | <u>3 Meters</u> |
| Operating Frequency: | <u>5200MHz</u> |
| Channel: | <u>40</u> |

| 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 | - | - | -73.29 | 18.72 | 52.43 | 68.20 | -15.77 |
| 15600.00 | Average | H | - | - | -85.59 | 25.91 | 47.32 | 53.98 | -6.66 |
| 15600.00 | Peak | H | - | - | -74.20 | 25.91 | 58.71 | 73.98 | -15.27 |

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

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 420 of 537 |

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 | - | - | -73.87 | 19.81 | 52.94 | 68.20 | -15.26 |
| 15720.00 | Average | H | - | - | -85.88 | 25.55 | 46.67 | 53.98 | -7.31 |
| 15720.00 | Peak | H | - | - | -73.97 | 25.55 | 58.58 | 73.98 | -15.40 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | H | - | - | -73.16 | 19.96 | 53.80 | 68.20 | -14.40 |
| 15780.00 | Average | H | - | - | -86.17 | 25.70 | 46.53 | 53.98 | -7.45 |
| 15780.00 | Peak | H | - | - | -74.10 | 25.70 | 58.60 | 73.98 | -15.38 |

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

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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: 5280MHz
 Channel: 56

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00 | Peak | H | - | - | -73.72 | 19.70 | 52.98 | 68.20 | -15.22 |
| 15840.00 | Average | H | - | - | -85.95 | 25.59 | 46.64 | 53.98 | -7.34 |
| 15840.00 | Peak | H | - | - | -74.47 | 25.59 | 58.12 | 73.98 | -15.86 |

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 | - | - | -84.99 | 19.69 | 41.70 | 53.98 | -12.28 |
| 10640.00 | Peak | H | - | - | -72.70 | 19.69 | 53.99 | 73.98 | -19.99 |
| 15960.00 | Average | H | - | - | -85.58 | 26.01 | 47.43 | 53.98 | -6.55 |
| 15960.00 | Peak | H | - | - | -74.35 | 26.01 | 58.66 | 73.98 | -15.32 |

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

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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 | - | - | -85.11 | 19.67 | 41.56 | 53.98 | -12.42 |
| 11000.00 | Peak | H | - | - | -73.30 | 19.67 | 53.37 | 73.98 | -20.61 |
| 16500.00 | Peak | H | - | - | -73.22 | 26.61 | 60.39 | 68.20 | -7.81 |

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 | - | - | -84.97 | 19.84 | 41.87 | 53.98 | -12.11 |
| 11160.00 | Peak | H | - | - | -73.95 | 19.84 | 52.89 | 73.98 | -21.09 |
| 16740.00 | Peak | H | - | - | -74.66 | 26.80 | 59.14 | 68.20 | -9.06 |

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

| | | | | |
|---|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 423 of 537 | |

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 | - | - | -85.85 | 20.24 | 41.39 | 53.98 | -12.58 |
| 11440.00 | Peak | H | - | - | -73.94 | 20.24 | 53.30 | 73.98 | -20.67 |
| 17160.00 | Peak | H | - | - | -74.06 | 27.14 | 60.08 | 68.20 | -8.12 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | H | - | - | -85.69 | 20.15 | 41.46 | 53.98 | -12.52 |
| 11490.00 | Peak | H | - | - | -74.01 | 20.15 | 53.14 | 73.98 | -20.84 |
| 17235.00 | Peak | H | - | - | -74.85 | 28.21 | 60.36 | 68.20 | -7.84 |

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

| | | | | |
|---|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 424 of 537 | |

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 | - | - | -85.40 | 20.30 | 41.90 | 53.98 | -12.07 |
| 11570.00 | Peak | H | - | - | -74.10 | 20.30 | 53.20 | 73.98 | -20.77 |
| 17355.00 | Peak | H | - | - | -74.94 | 27.92 | 59.98 | 68.20 | -8.22 |

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

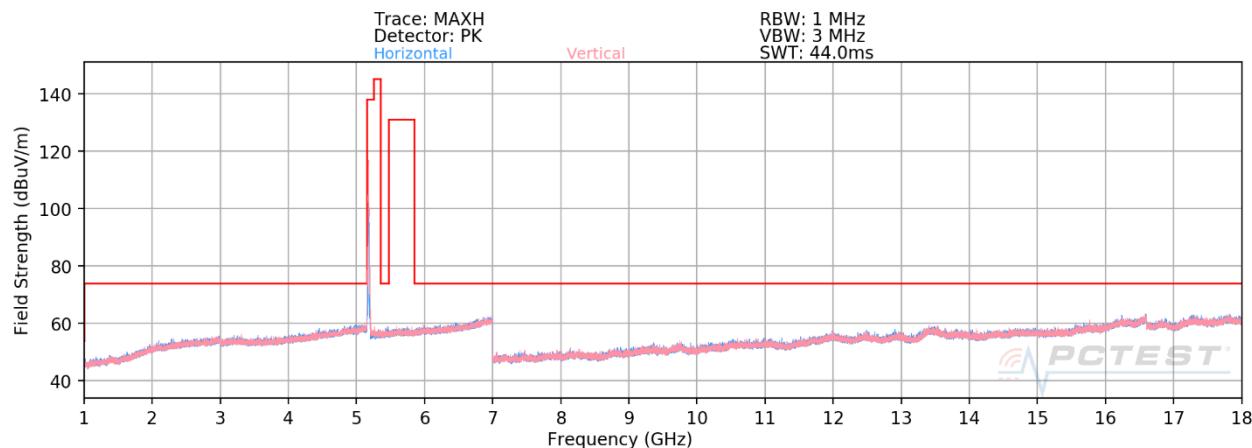
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | H | - | - | -85.46 | 21.29 | 42.83 | 53.98 | -11.15 |
| 11650.00 | Peak | H | - | - | -73.71 | 21.29 | 54.58 | 73.98 | -19.40 |
| 17475.00 | Peak | H | - | - | -73.51 | 28.14 | 61.63 | 68.20 | -6.57 |

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

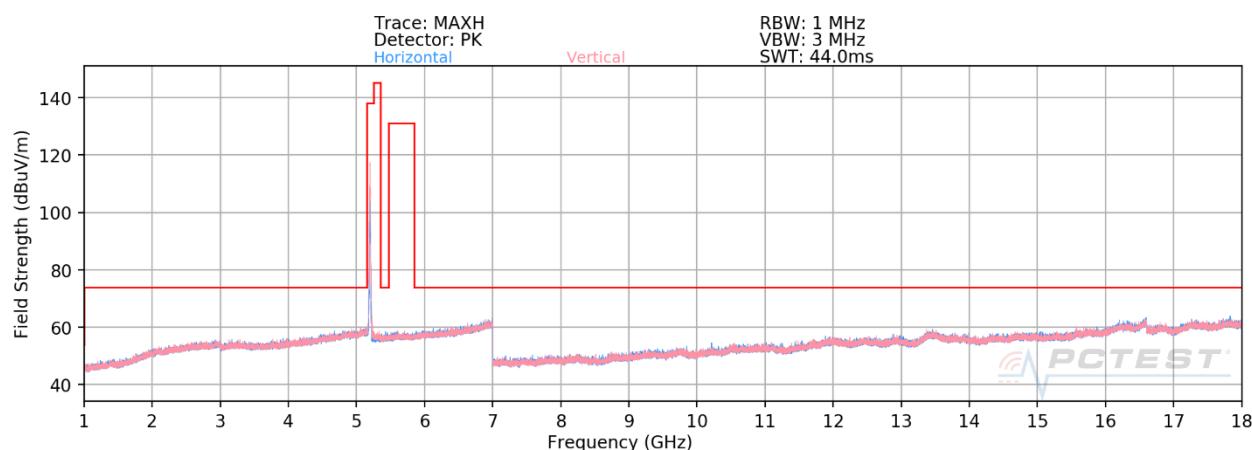
| | | | | |
|---|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 425 of 537 | |

7.6.2 SISO Core 1 Radiated Spurious Emission Measurements

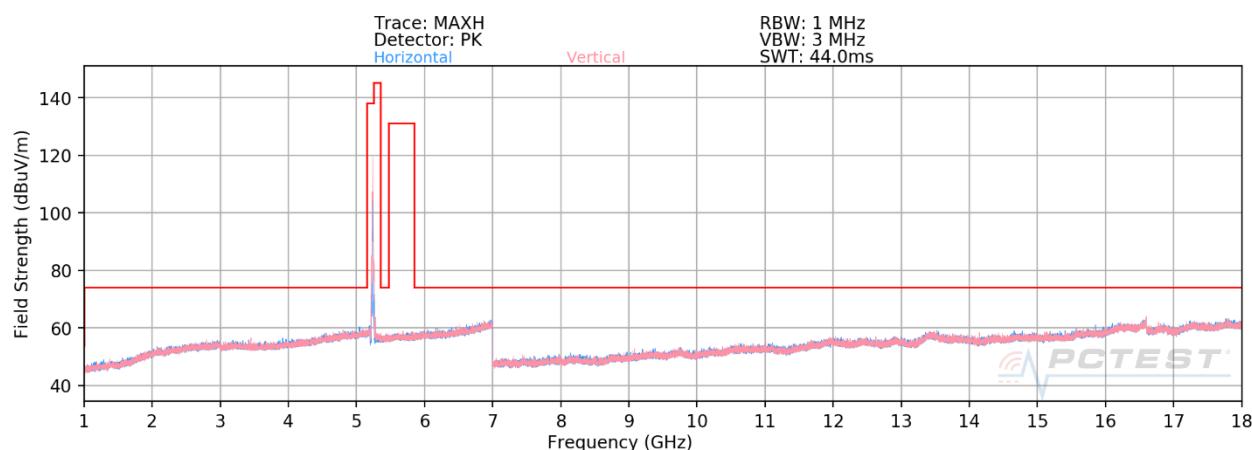
RU26



Plot 7-718. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 36 – RU26)

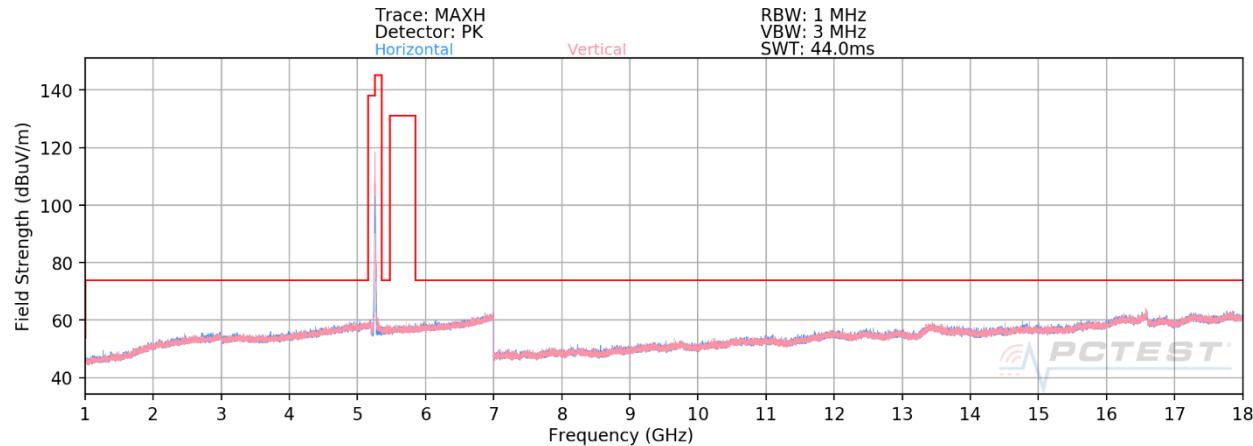


Plot 7-719. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 40 – RU26)

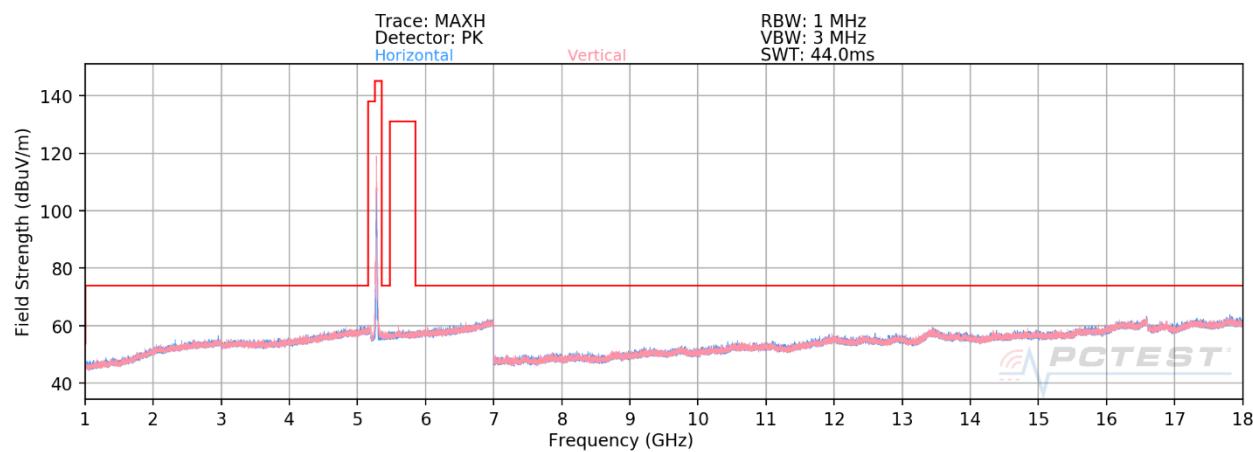


Plot 7-720. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 48 – RU26)

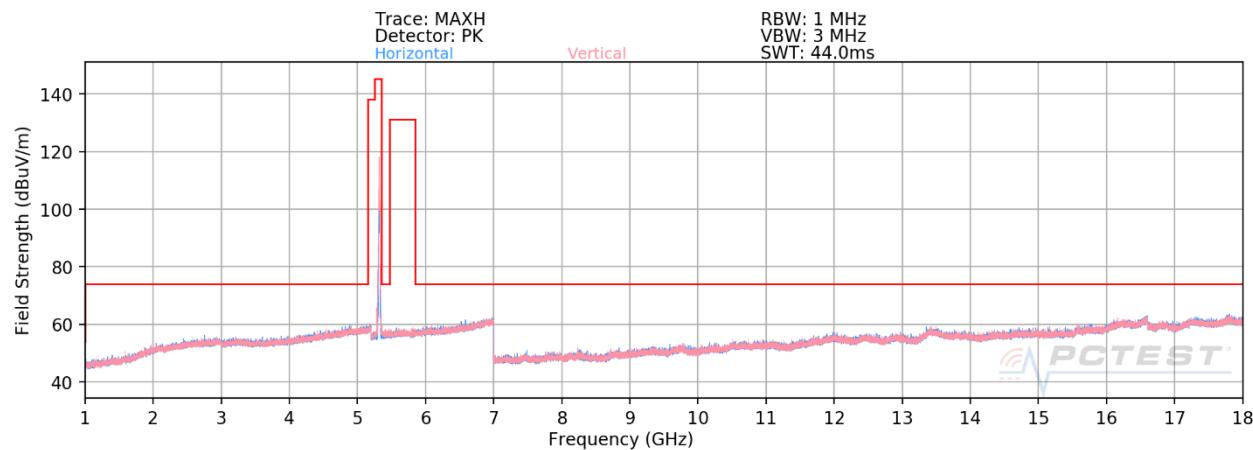
| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 426 of 537 |



Plot 7-721. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 52 – RU26)

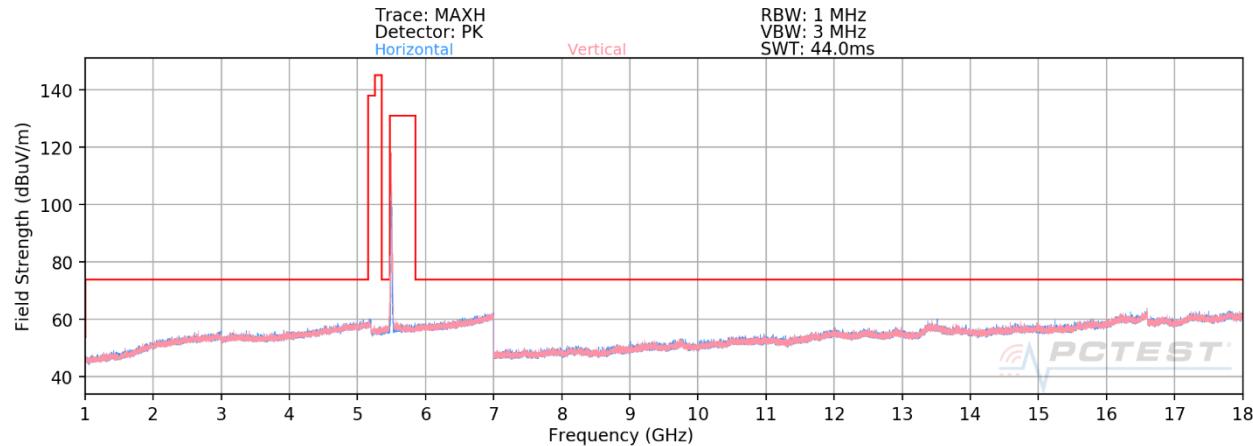


Plot 7-722. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 56 – RU26)

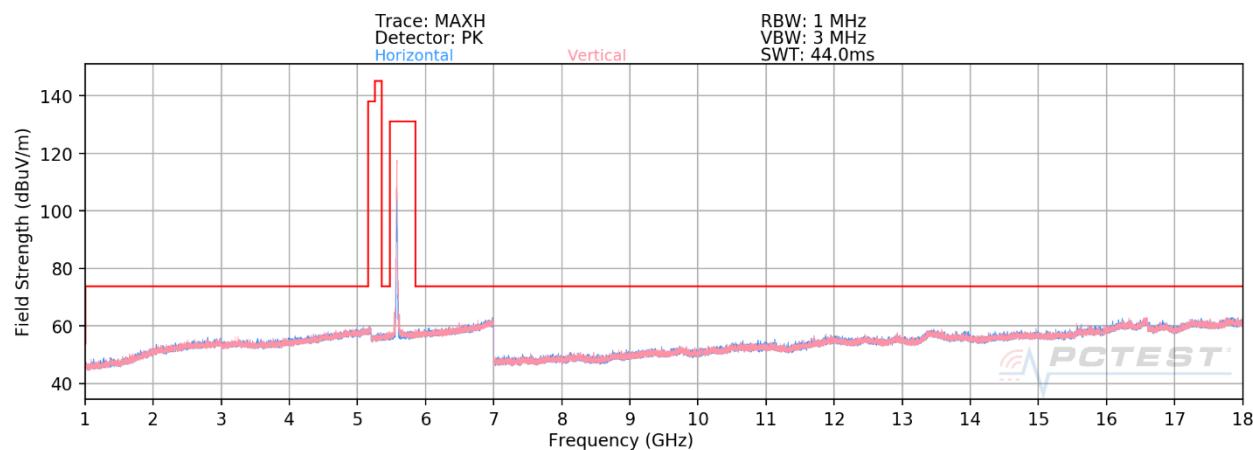


Plot 7-723. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU26)

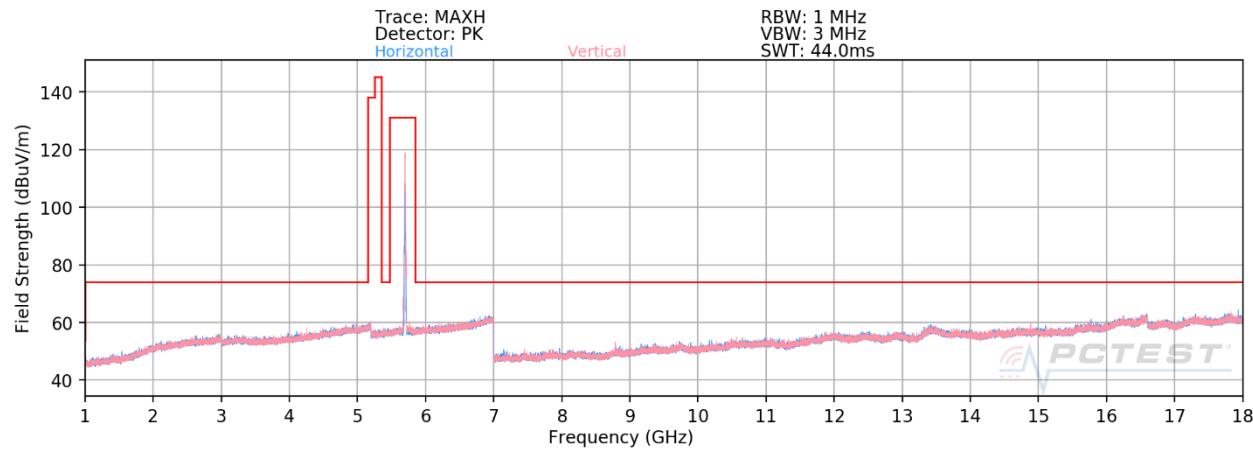
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 427 of 537 |



Plot 7-724. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 100 – RU26)

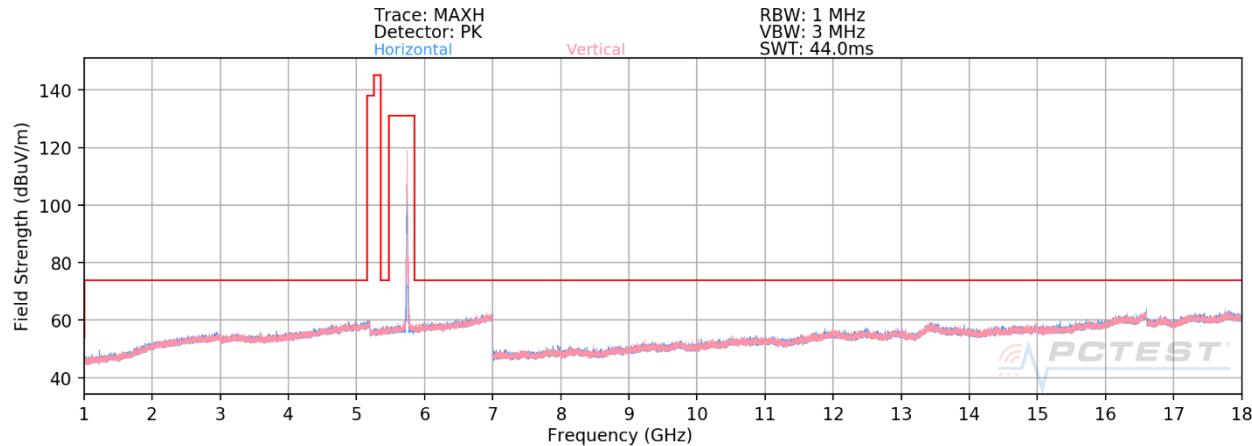


Plot 7-725. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU26)

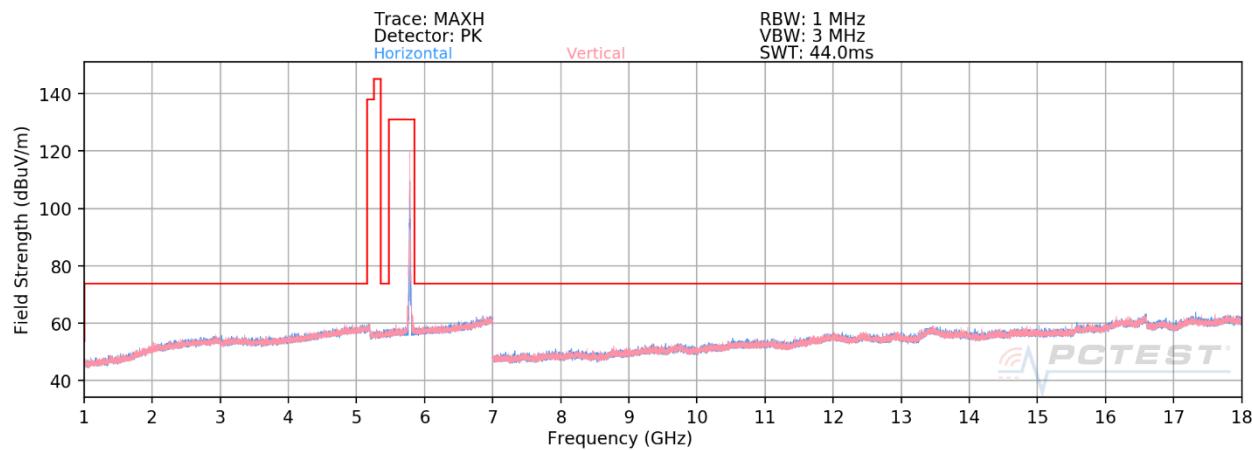


Plot 7-726. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU26)

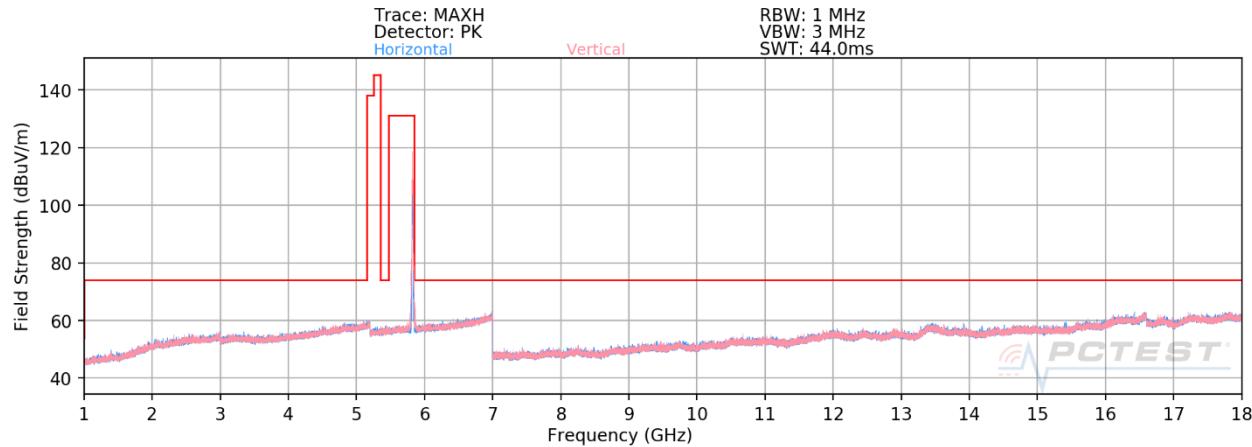
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 428 of 537 |



Plot 7-727. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 149 – RU26)



Plot 7-728. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 157 – RU26)



Plot 7-729. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 165 – RU26)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 429 of 537 |

SISO Core 1 Radiated Spurious Emission Measurements

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

| | |
|---------------------------|----------------------------|
| Worst Case Mode: | <u>802.11ax (20MHz BW)</u> |
| Worst Case Transfer Rate: | <u>MCS0</u> |
| RU Index: | <u>54</u> |
| Distance of Measurements: | <u>3 Meters</u> |
| Operating Frequency: | <u>5180MHz</u> |
| Channel: | <u>36</u> |

| 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 | V | - | - | -72.97 | 18.62 | 52.65 | 68.20 | -15.55 |
| 15540.00 | Average | V | - | - | -85.94 | 25.60 | 46.66 | 53.98 | -7.32 |
| 15540.00 | Peak | V | - | - | -74.45 | 25.60 | 58.15 | 73.98 | -15.83 |

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

| | |
|---------------------------|----------------------------|
| Worst Case Mode: | <u>802.11ax (20MHz BW)</u> |
| Worst Case Transfer Rate: | <u>MCS0</u> |
| RU Index: | <u>54</u> |
| Distance of Measurements: | <u>3 Meters</u> |
| Operating Frequency: | <u>5200MHz</u> |
| Channel: | <u>40</u> |

| 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 | V | - | - | -73.21 | 18.72 | 52.51 | 68.20 | -15.69 |
| 15600.00 | Average | V | - | - | -85.52 | 25.91 | 47.39 | 53.98 | -6.59 |
| 15600.00 | Peak | V | - | - | -74.66 | 25.91 | 58.25 | 73.98 | -15.73 |

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

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 430 of 537 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | V | - | - | -74.00 | 19.81 | 52.81 | 68.20 | -15.39 |
| 15720.00 | Average | V | - | - | -85.84 | 25.55 | 46.71 | 53.98 | -7.27 |
| 15720.00 | Peak | V | - | - | -74.12 | 25.55 | 58.43 | 73.98 | -15.55 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | V | - | - | -73.08 | 19.96 | 53.88 | 68.20 | -14.32 |
| 15780.00 | Average | V | - | - | -86.09 | 25.70 | 46.61 | 53.98 | -7.37 |
| 15780.00 | Peak | V | - | - | -75.64 | 25.70 | 57.06 | 73.98 | -16.92 |

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

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00 | Peak | V | - | - | -73.41 | 19.70 | 53.29 | 68.20 | -14.91 |
| 15840.00 | Average | V | - | - | -86.04 | 25.59 | 46.55 | 53.98 | -7.43 |
| 15840.00 | Peak | V | - | - | -74.60 | 25.59 | 57.99 | 73.98 | -15.99 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10640.00 | Average | V | - | - | -84.74 | 19.69 | 41.95 | 53.98 | -12.03 |
| 10640.00 | Peak | V | - | - | -72.79 | 19.69 | 53.90 | 73.98 | -20.08 |
| 15960.00 | Average | V | - | - | -85.63 | 26.01 | 47.38 | 53.98 | -6.60 |
| 15960.00 | Peak | V | - | - | -74.18 | 26.01 | 58.83 | 73.98 | -15.15 |

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

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 432 of 537 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11000.00 | Average | V | - | - | -85.06 | 19.67 | 41.61 | 53.98 | -12.37 |
| 11000.00 | Peak | V | - | - | -74.10 | 19.67 | 52.57 | 73.98 | -21.41 |
| 16500.00 | Peak | V | - | - | -73.26 | 26.61 | 60.35 | 68.20 | -7.85 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11160.00 | Average | V | - | - | -85.96 | 19.84 | 40.88 | 53.98 | -13.10 |
| 11160.00 | Peak | V | - | - | -74.65 | 19.84 | 52.19 | 73.98 | -21.79 |
| 16740.00 | Peak | V | - | - | -74.59 | 26.80 | 59.21 | 68.20 | -8.99 |

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

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11440.00 | Average | V | - | - | -85.99 | 20.24 | 41.25 | 53.98 | -12.72 |
| 11440.00 | Peak | V | - | - | -74.53 | 20.24 | 52.71 | 73.98 | -21.26 |
| 17160.00 | Peak | V | - | - | -74.09 | 27.14 | 60.05 | 68.20 | -8.15 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | V | - | - | -85.20 | 20.15 | 41.95 | 53.98 | -12.03 |
| 11490.00 | Peak | V | - | - | -73.30 | 20.15 | 53.85 | 73.98 | -20.13 |
| 17235.00 | Peak | V | - | - | -75.05 | 28.21 | 60.16 | 68.20 | -8.04 |

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

| | | | | | | |
|---|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | | | | |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11570.00 | Average | V | - | - | -85.47 | 20.30 | 41.83 | 53.98 | -12.14 |
| 11570.00 | Peak | V | - | - | -74.10 | 20.30 | 53.20 | 73.98 | -20.77 |
| 17355.00 | Peak | V | - | - | -73.41 | 27.92 | 61.51 | 68.20 | -6.69 |

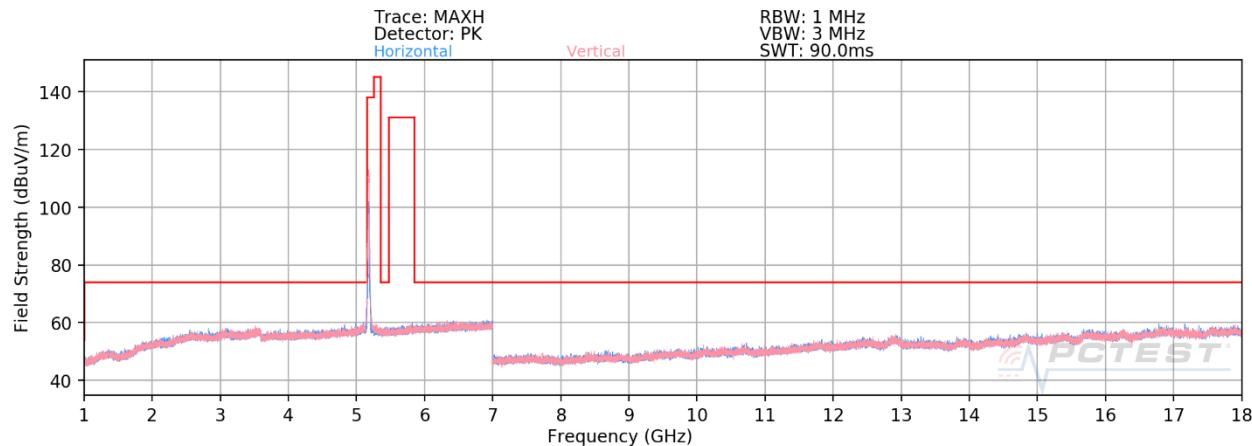
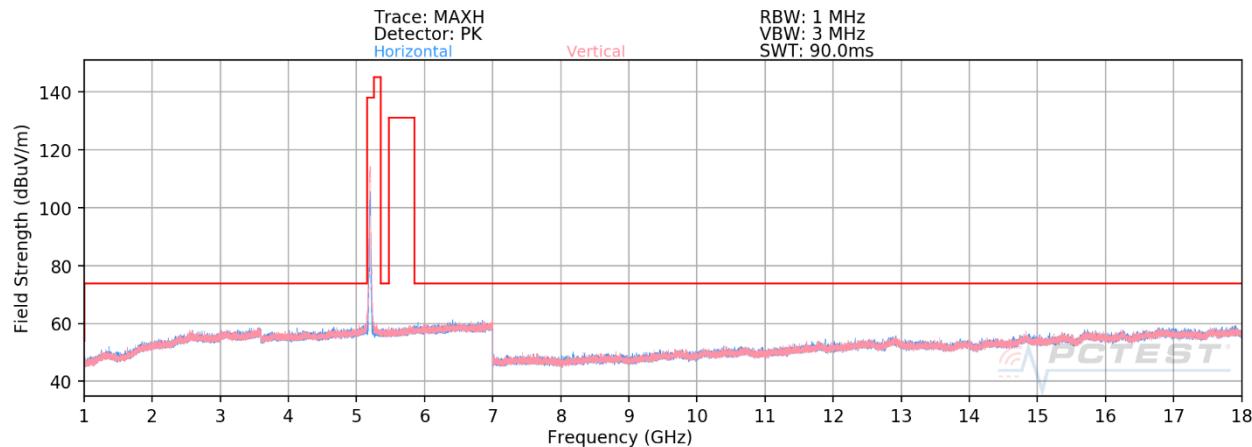
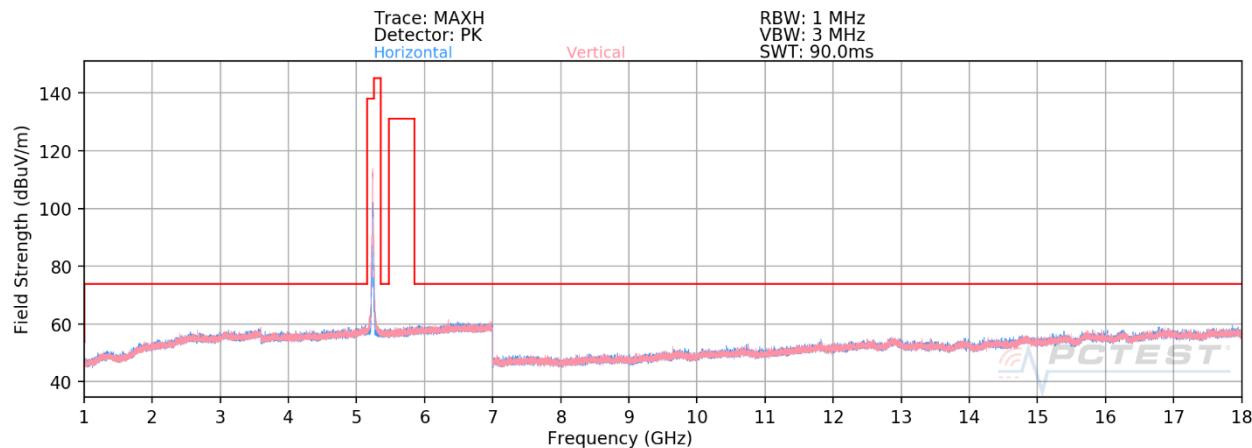
Table 7-117. Radiated Measurements SISO CORE 1 (RU26)

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

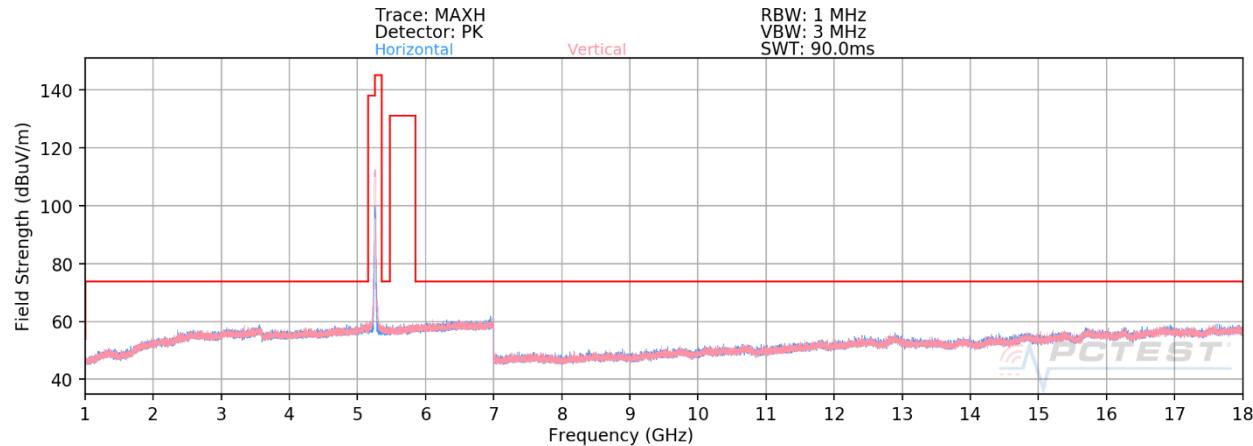
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | V | - | - | -85.48 | 21.29 | 42.81 | 53.98 | -11.17 |
| 11650.00 | Peak | V | - | - | -74.72 | 21.29 | 53.57 | 73.98 | -20.41 |
| 17475.00 | Peak | V | - | - | -73.83 | 28.14 | 61.31 | 68.20 | -6.89 |

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

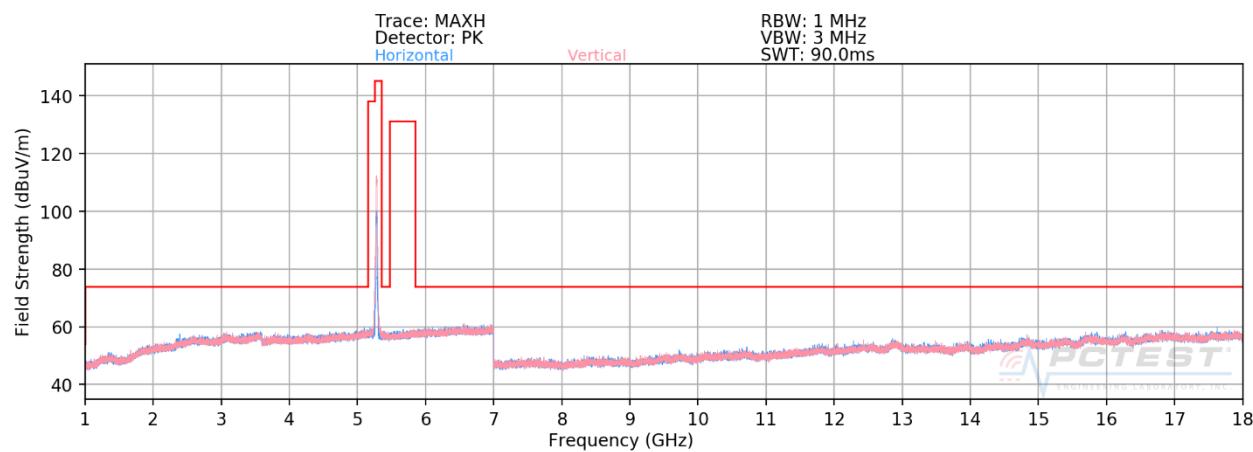
| | | | | |
|---|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 435 of 537 | |


Plot 7-730. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 36 – RU242)

Plot 7-731. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 40 – RU26)

Plot 7-732. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 48 – RU242)

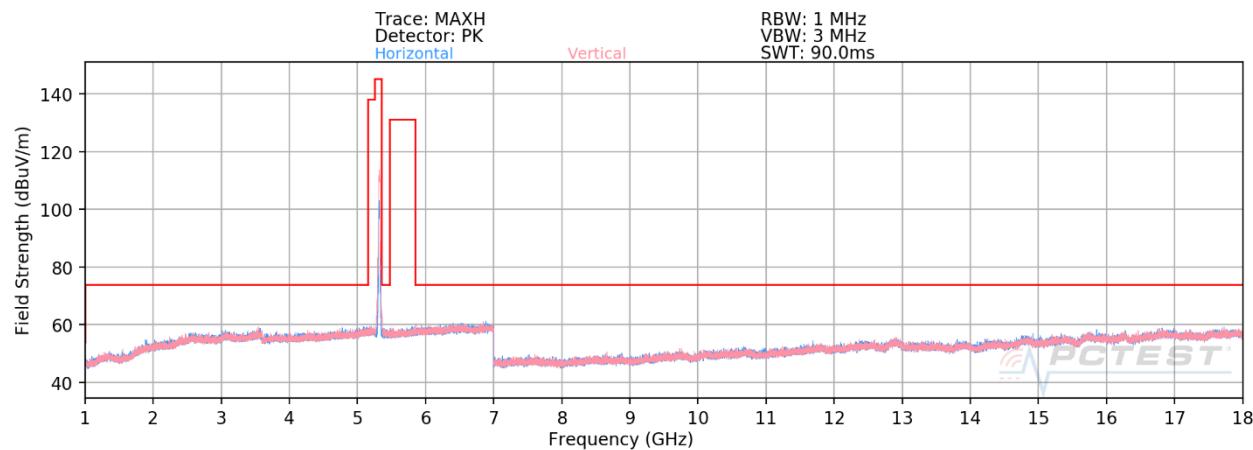
| | | | | |
|---|---|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | | Page 436 of 537 |



Plot 7-733. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 52 – RU242)

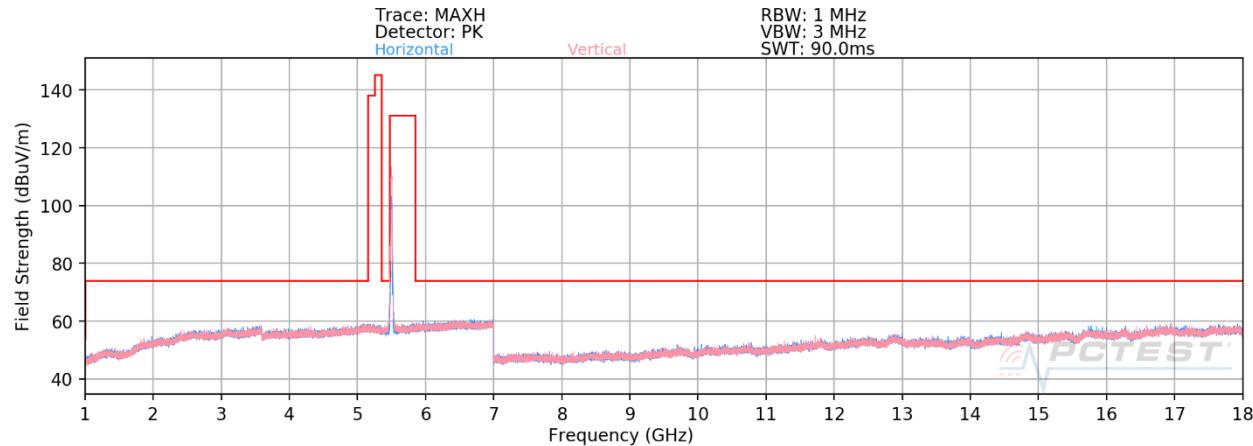


Plot 7-734. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 56 – RU242)

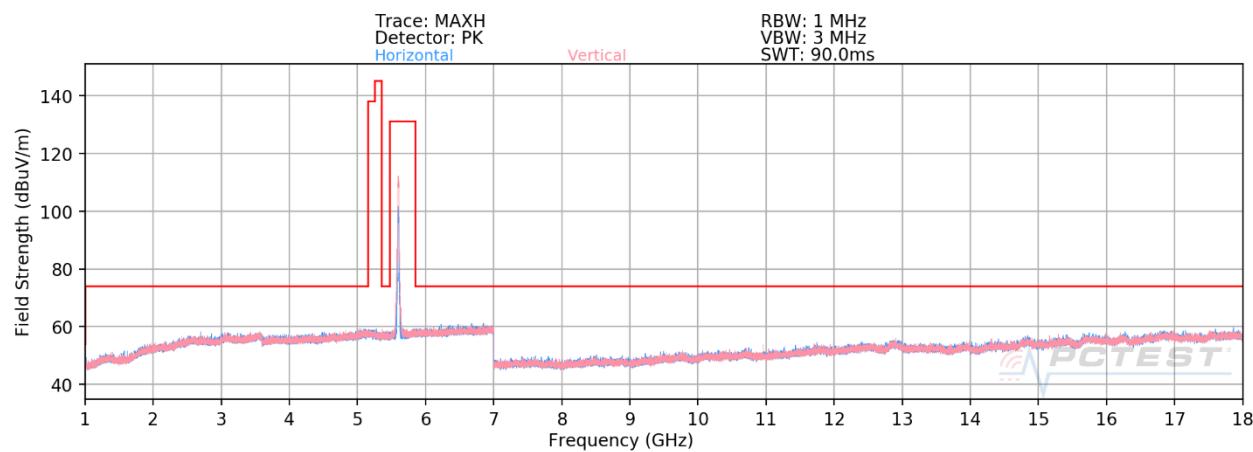


Plot 7-735. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU242)

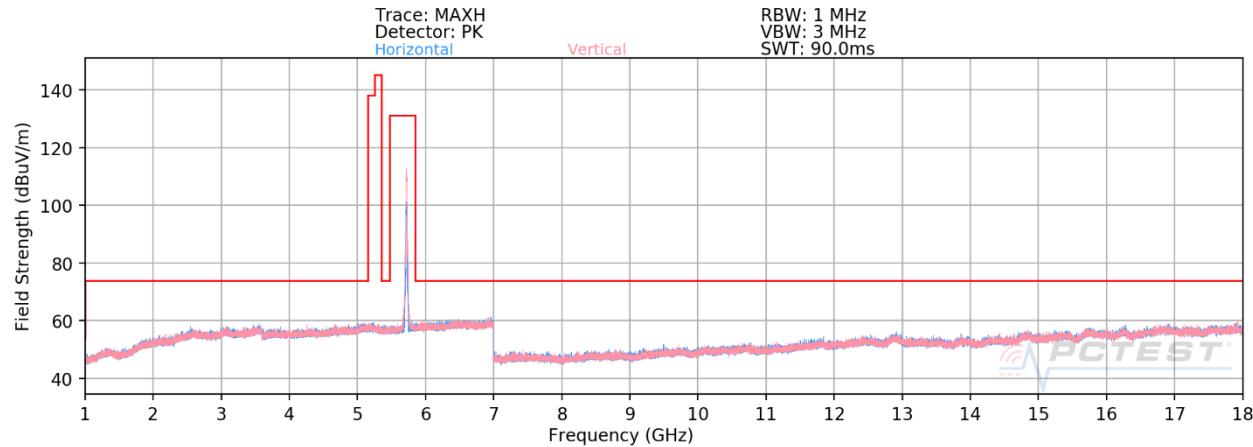
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 437 of 537 |



Plot 7-736. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 100 – RU242)

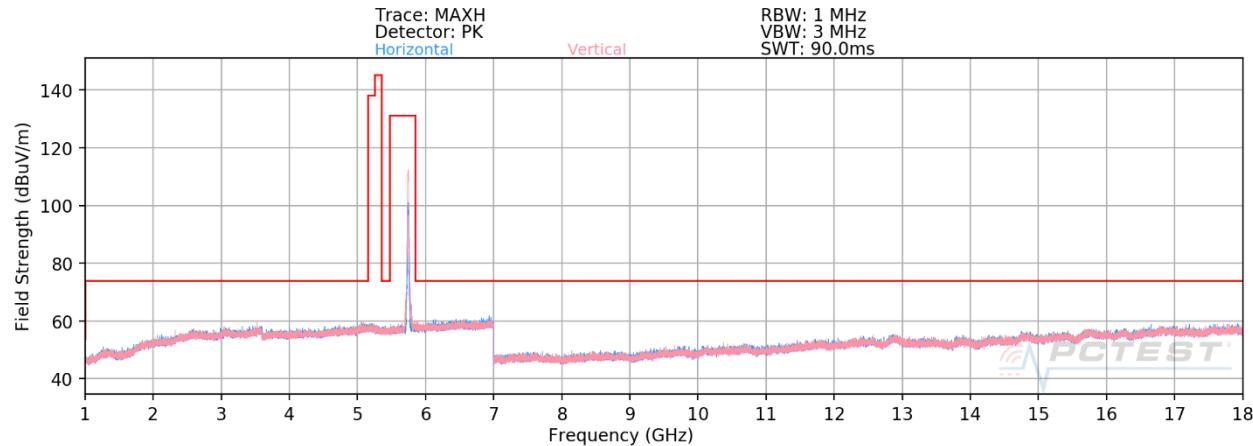


Plot 7-737. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU242)

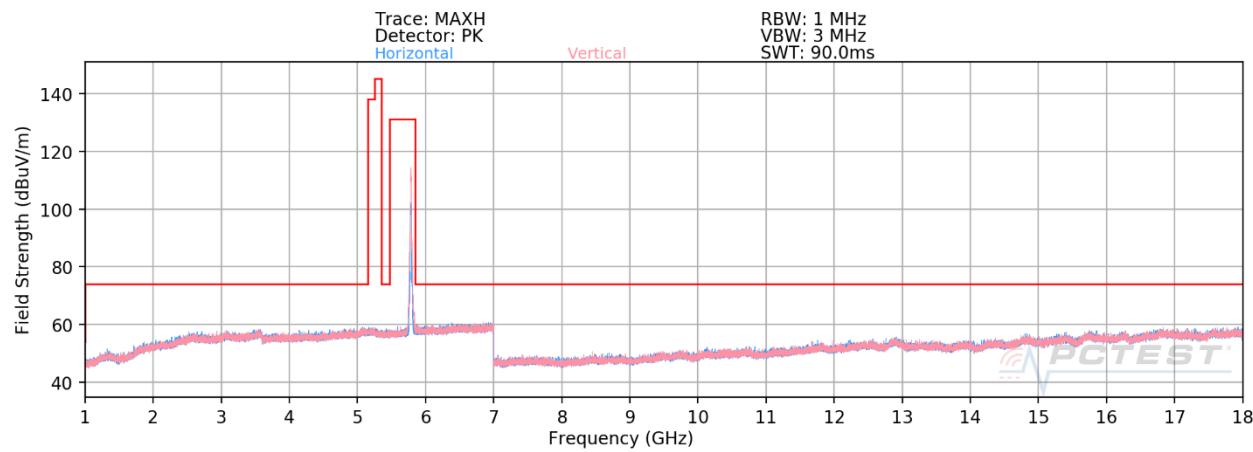


Plot 7-738. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU242)

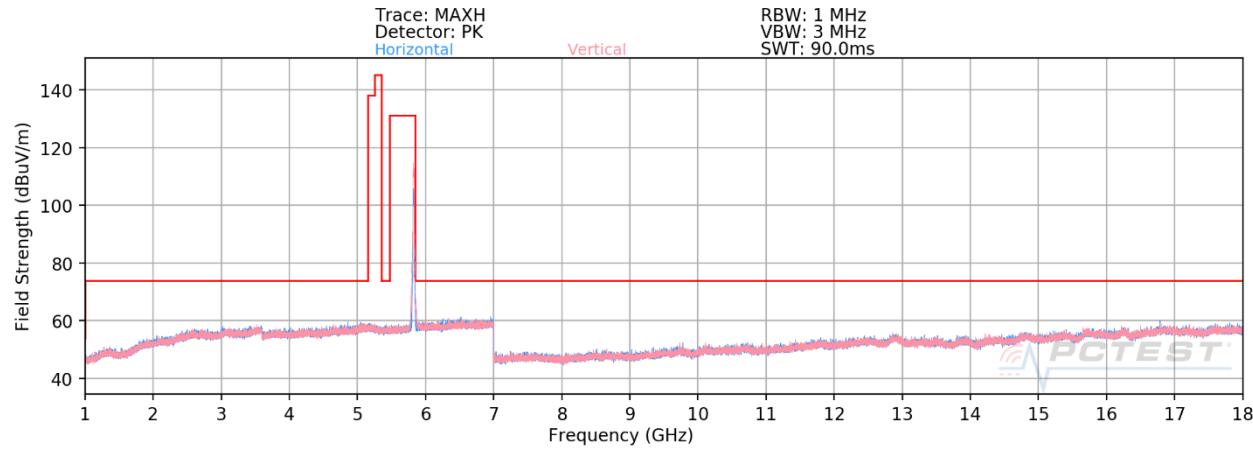
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 438 of 537 |



Plot 7-739. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 149 – RU242)



Plot 7-740. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 157 – RU242)



Plot 7-741. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 165 – RU242)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 439 of 537 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | V | - | - | -73.59 | 18.62 | 52.03 | 68.20 | -16.17 |
| 15540.00 | Average | V | - | - | -85.27 | 25.60 | 47.33 | 53.98 | -6.65 |
| 15540.00 | Peak | V | - | - | -74.06 | 25.60 | 58.54 | 73.98 | -15.44 |

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 | V | - | - | -73.41 | 18.72 | 52.31 | 68.20 | -15.89 |
| 15600.00 | Average | V | - | - | -85.18 | 25.91 | 47.73 | 53.98 | -6.25 |
| 15600.00 | Peak | V | - | - | -74.34 | 25.91 | 58.57 | 73.98 | -15.41 |

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

| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 440 of 537 |

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 | V | - | - | -73.23 | 19.81 | 53.58 | 68.20 | -14.62 |
| 15720.00 | Average | V | - | - | -85.90 | 25.55 | 46.65 | 53.98 | -7.33 |
| 15720.00 | Peak | V | - | - | -74.56 | 25.55 | 57.99 | 73.98 | -15.99 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | V | - | - | -73.03 | 19.96 | 53.93 | 68.20 | -14.27 |
| 15780.00 | Average | V | - | - | -86.71 | 25.70 | 45.99 | 53.98 | -7.99 |
| 15780.00 | Peak | V | - | - | -74.43 | 25.70 | 58.27 | 73.98 | -15.71 |

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

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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: 5280MHz
 Channel: 56

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00 | Peak | V | - | - | -73.87 | 19.70 | 52.83 | 68.20 | -15.37 |
| 15840.00 | Average | V | - | - | -86.06 | 25.59 | 46.53 | 53.98 | -7.45 |
| 15840.00 | Peak | V | - | - | -74.54 | 25.59 | 58.05 | 73.98 | -15.93 |

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 | V | - | - | -84.26 | 19.69 | 42.43 | 53.98 | -11.55 |
| 10640.00 | Peak | V | - | - | -72.24 | 19.69 | 54.45 | 73.98 | -19.53 |
| 15960.00 | Average | V | - | - | -85.26 | 26.01 | 47.75 | 53.98 | -6.23 |
| 15960.00 | Peak | V | - | - | -74.73 | 26.01 | 58.28 | 73.98 | -15.70 |

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

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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 | V | - | - | -854.09 | 19.67 | -727.42 | 53.98 | -781.40 |
| 11000.00 | Peak | V | - | - | -73.00 | 19.67 | 53.67 | 73.98 | -20.31 |
| 16500.00 | Peak | V | - | - | -73.74 | 26.61 | 59.87 | 68.20 | -8.33 |

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 | V | - | - | -83.27 | 19.90 | 43.63 | 53.98 | -10.35 |
| 11160.00 | Peak | V | - | - | -74.10 | 19.90 | 52.80 | 73.98 | -21.18 |
| 16740.00 | Peak | V | - | - | -74.03 | 27.52 | 60.49 | 68.20 | -7.71 |

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

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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: 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 | V | - | - | -85.51 | 20.25 | 41.74 | 53.98 | -12.24 |
| 11440.00 | Peak | V | - | - | -73.13 | 20.25 | 54.12 | 73.98 | -19.86 |
| 17160.00 | Peak | V | - | - | -74.89 | 27.51 | 59.62 | 68.20 | -8.58 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | V | - | - | -79.88 | 14.03 | 41.15 | 53.98 | -12.83 |
| 11490.00 | Peak | V | - | - | -69.58 | 14.03 | 51.45 | 73.98 | -22.53 |
| 17235.00 | Peak | V | - | - | -69.98 | 19.71 | 56.73 | 68.20 | -11.47 |

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

| | | | | | | |
|---|---|------------------------------------|--|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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: 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 | V | - | - | -78.61 | 14.33 | 42.72 | 53.98 | -11.26 |
| 11570.00 | Peak | V | - | - | -67.68 | 14.33 | 53.65 | 73.98 | -20.33 |
| 17355.00 | Peak | V | - | - | -69.71 | 19.92 | 57.21 | 68.20 | -10.99 |

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

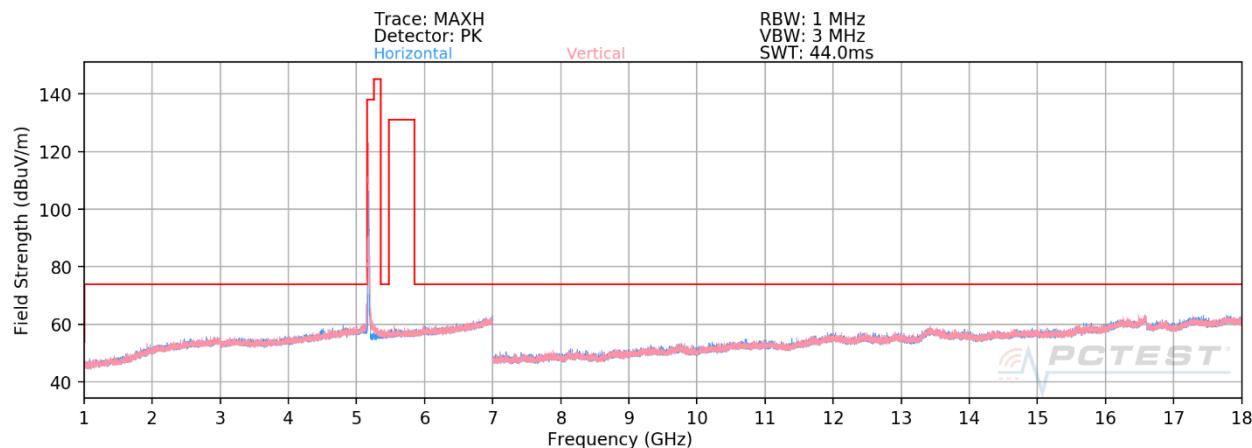
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | V | - | - | -78.18 | 15.54 | 44.36 | 53.98 | -9.62 |
| 11650.00 | Peak | V | - | - | -68.18 | 15.54 | 54.36 | 73.98 | -19.62 |
| 17475.00 | Peak | V | - | - | -69.91 | 21.61 | 58.70 | 68.20 | -9.50 |

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

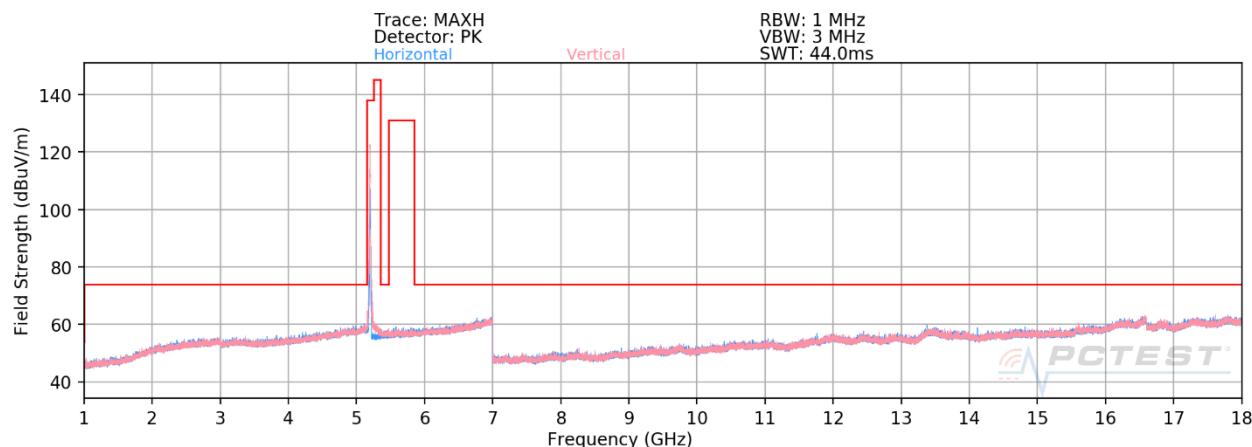
| | | | | |
|---|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 445 of 537 | |

7.6.3 CDD Radiated Spurious Emission Measurements

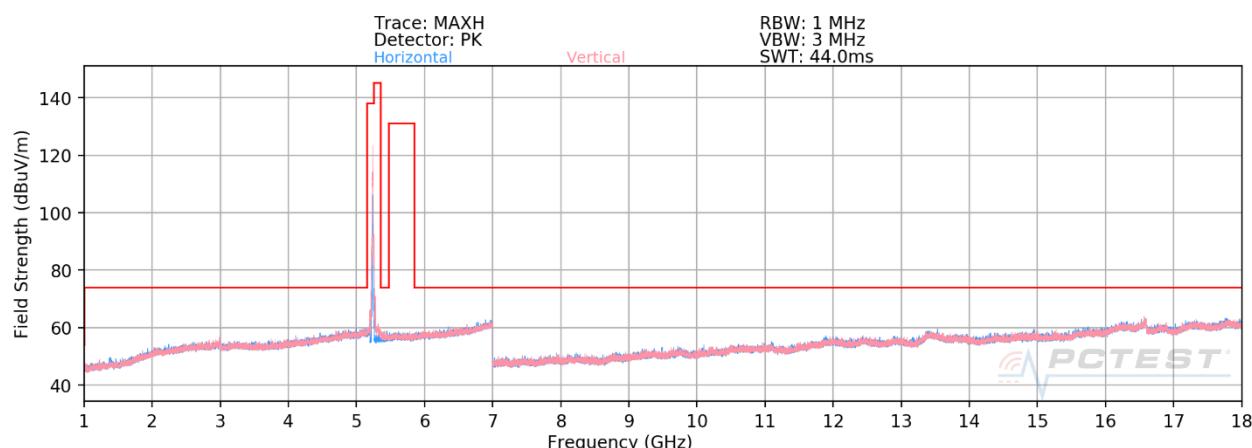
RU26



Plot 7-742. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 36 – RU26)

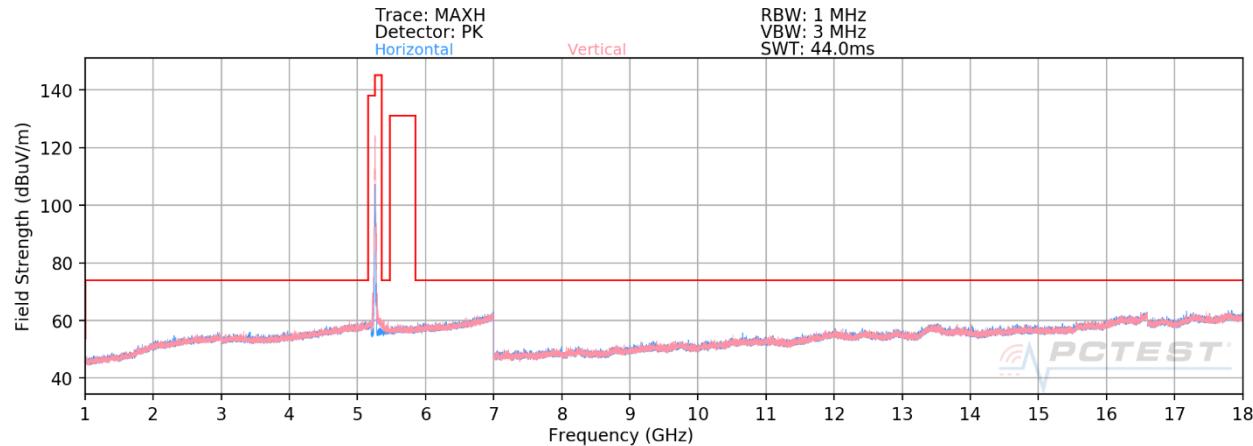


Plot 7-743. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 40 – RU26)

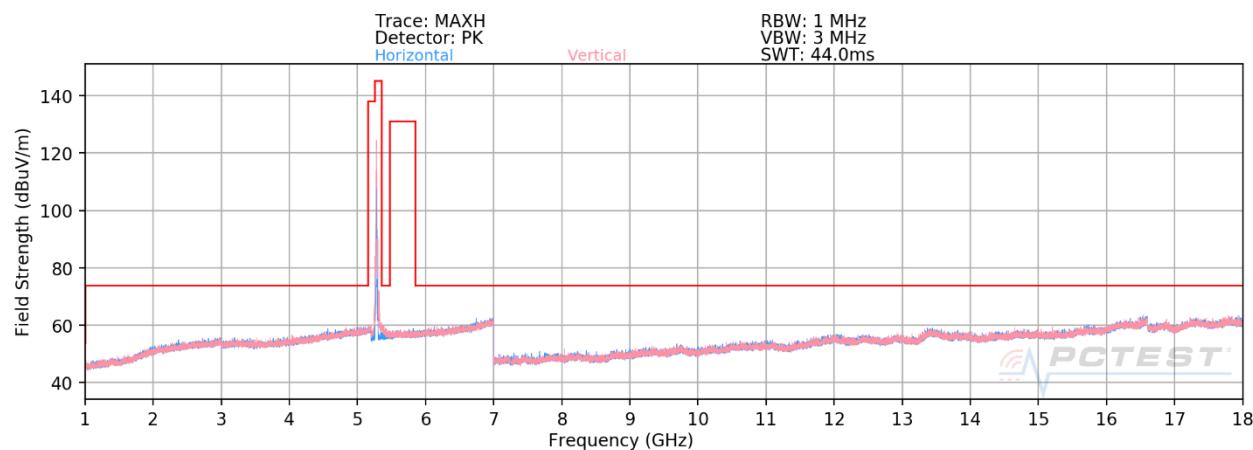


Plot 7-744. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 48 – RU26)

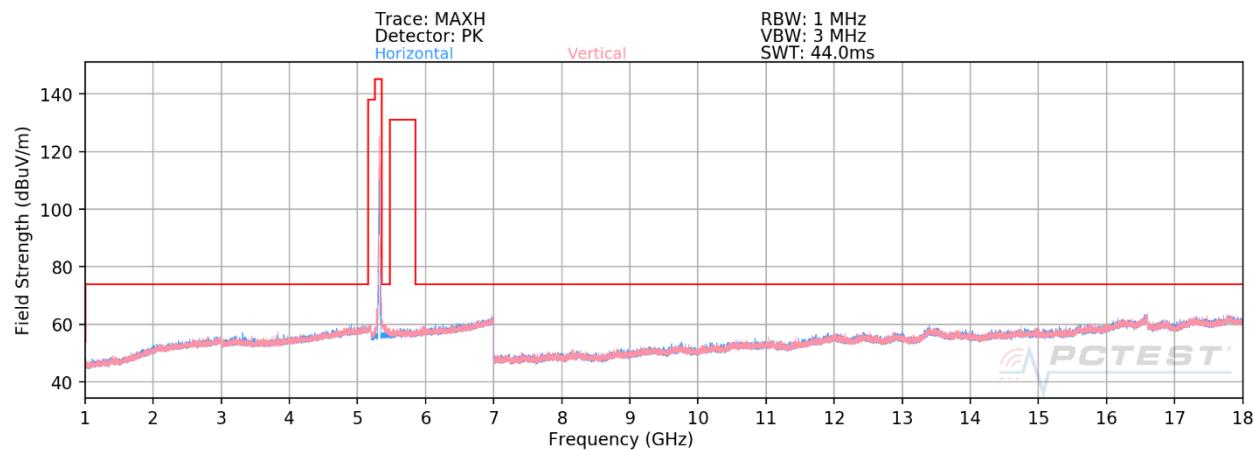
| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 446 of 537 |



Plot 7-745. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 52 – RU26)

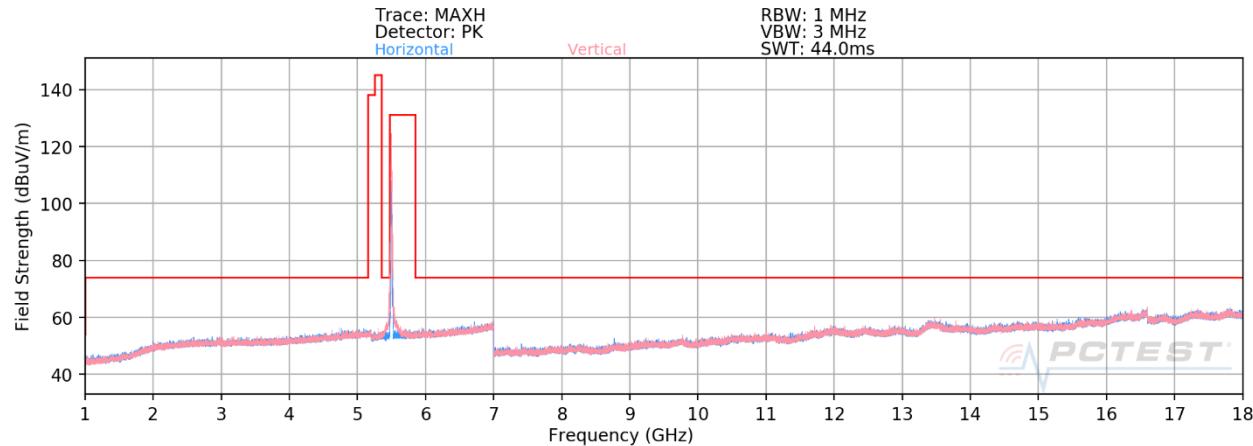


Plot 7-746. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 56 – RU26)

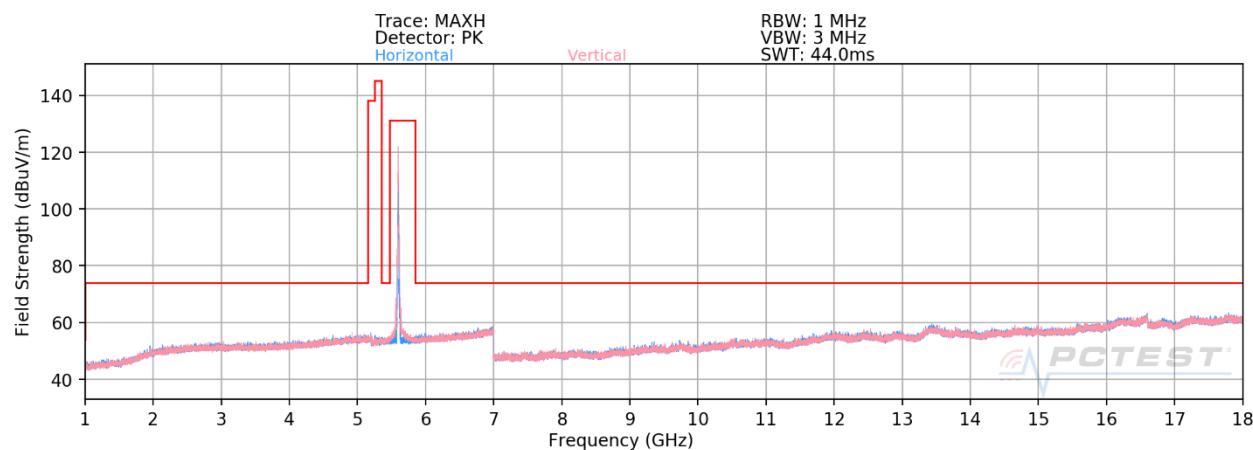


Plot 7-747. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 64 – RU26)

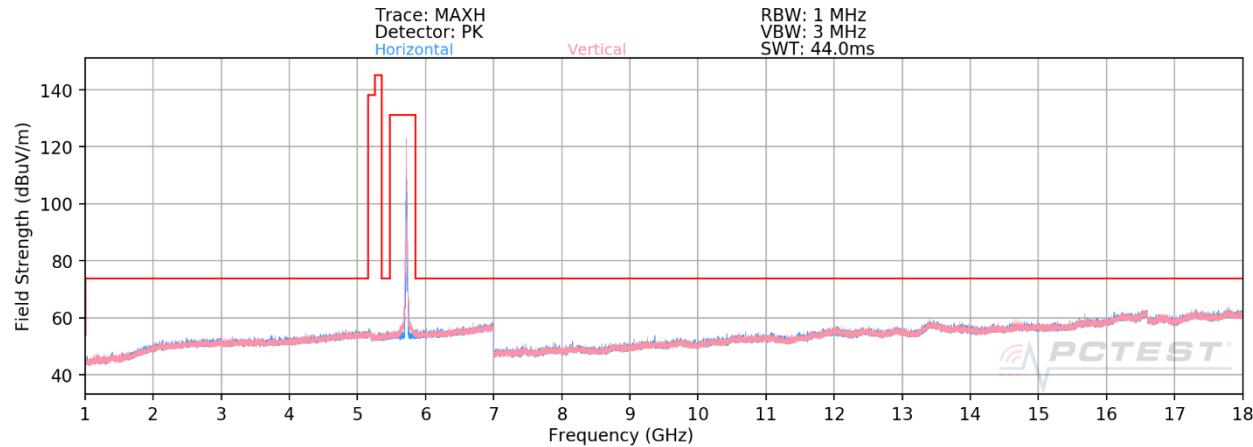
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 447 of 537 |



Plot 7-748. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2C Ch. 100 – RU26)

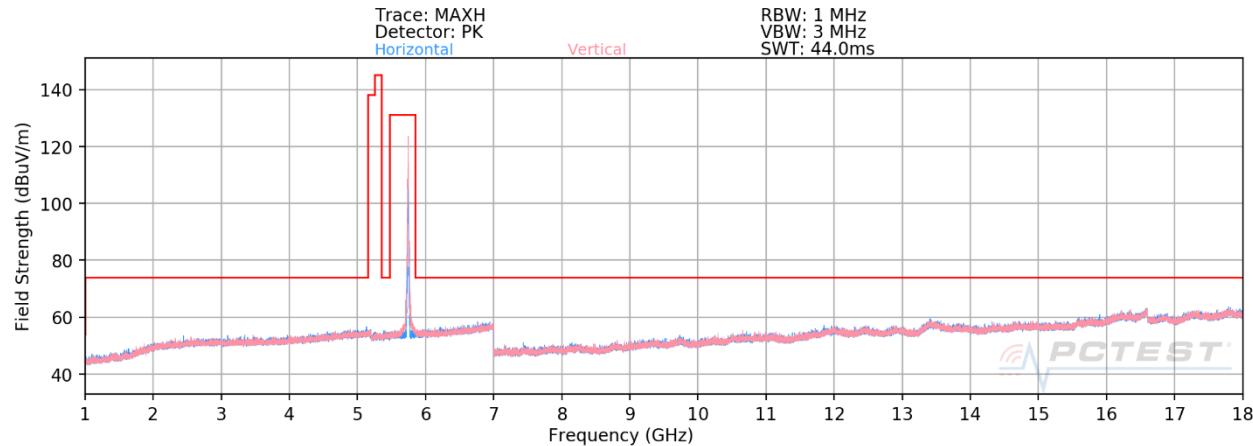


Plot 7-749. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2C Ch. 116 – RU26)

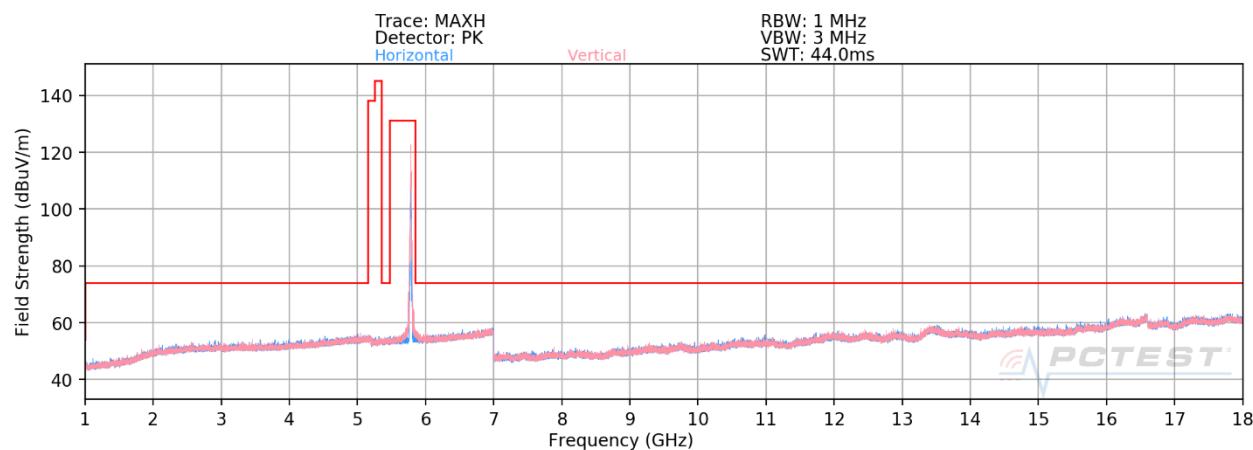


Plot 7-750. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2C Ch. 144 – RU26)

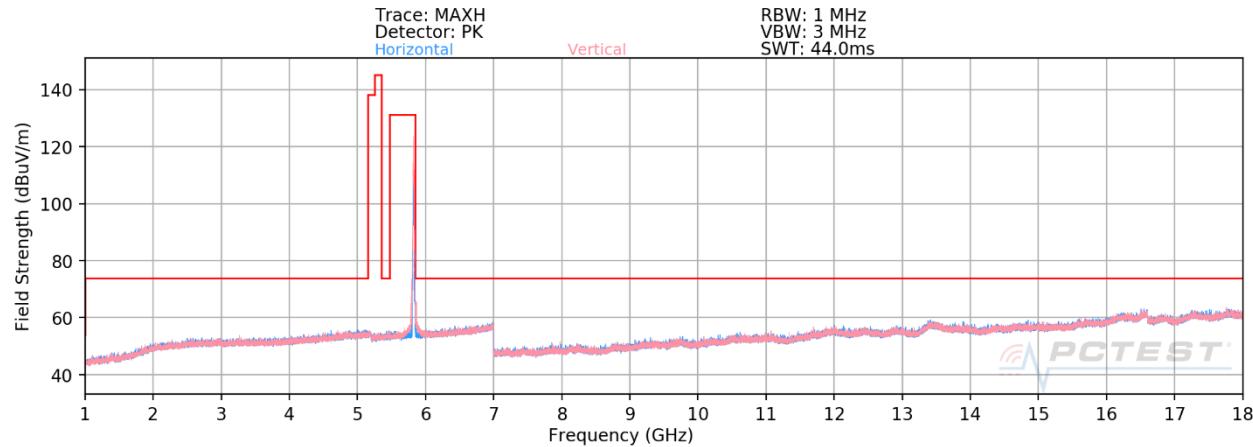
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 448 of 537 |



Plot 7-751. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 149 – RU26)



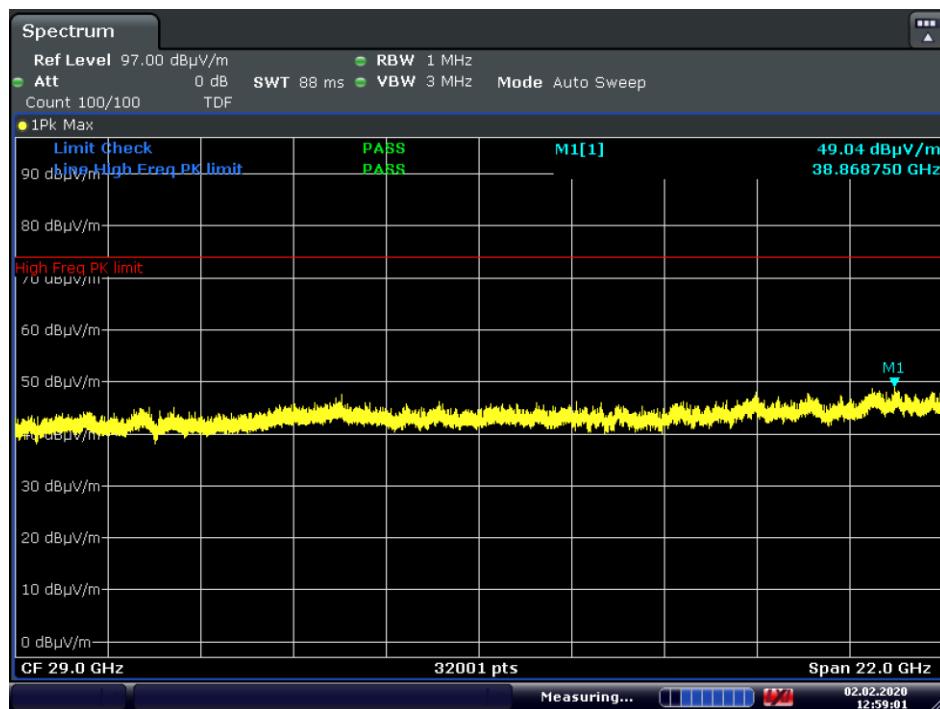
Plot 7-752. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 157 – RU26)



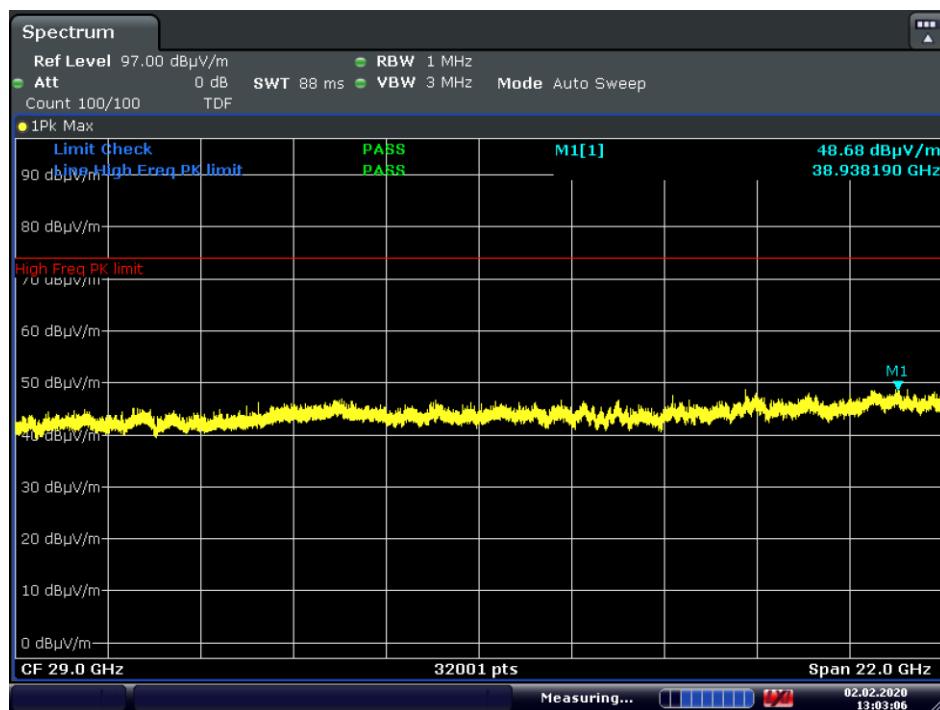
Plot 7-753. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 165 – RU26)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 449 of 537 |

CDD Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-754. Radiated Spurious Plot 18GHz - 40GHz CDD (802.11ax – RU26) – H polarity



Plot 7-755. Radiated Spurious Plot 18GHz - 40GHz CDD (802.11ax – RU26) – V polarity

| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 450 of 537 |



CDD 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | V | - | - | -71.73 | 18.62 | 53.89 | 68.20 | -14.31 |
| 15540.00 | Average | H | - | - | -85.95 | 25.60 | 46.65 | 53.98 | -7.33 |
| 15540.00 | Peak | H | - | - | -74.43 | 25.60 | 58.17 | 73.98 | -15.81 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | V | - | - | -73.36 | 18.72 | 52.36 | 68.20 | -15.84 |
| 15600.00 | Average | H | - | - | -85.67 | 25.91 | 47.24 | 53.98 | -6.74 |
| 15600.00 | Peak | H | - | - | -74.21 | 25.91 | 58.70 | 73.98 | -15.28 |

Table 7-132. Radiated Measurements CDD (RU26)

| | | | |
|---|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2228 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 451 of 537 |

| | |
|---------------------------|---------------------|
| 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | V | - | - | -73.00 | 19.81 | 53.81 | 68.20 | -14.39 |
| 15720.00 | Average | H | - | - | -85.61 | 25.55 | 46.94 | 53.98 | -7.04 |
| 15720.00 | Peak | H | - | - | -74.00 | 25.55 | 58.55 | 73.98 | -15.43 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | V | - | - | -73.52 | 19.96 | 53.44 | 68.20 | -14.76 |
| 15780.00 | Average | V | - | - | -86.23 | 25.70 | 46.47 | 53.98 | -7.51 |
| 15780.00 | Peak | V | - | - | -73.81 | 25.70 | 58.89 | 73.98 | -15.09 |

Table 7-134. Radiated Measurements CDD (RU26)

| | | | |
|---|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 452 of 537 |

| | |
|---------------------------|---------------------|
| 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00 | Peak | V | - | - | -73.74 | 19.70 | 52.96 | 68.20 | -15.24 |
| 15840.00 | Average | H | - | - | -86.00 | 25.59 | 46.59 | 53.98 | -7.39 |
| 15840.00 | Peak | H | - | - | -74.52 | 25.59 | 58.07 | 73.98 | -15.91 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10640.00 | Average | V | - | - | -84.87 | 19.69 | 41.82 | 53.98 | -12.16 |
| 10640.00 | Peak | V | - | - | -72.66 | 19.69 | 54.03 | 73.98 | -19.95 |
| 15960.00 | Average | V | - | - | -85.59 | 26.01 | 47.42 | 53.98 | -6.56 |
| 15960.00 | Peak | V | - | - | -74.57 | 26.01 | 58.44 | 73.98 | -15.54 |

Table 7-136. Radiated Measurements CDD (RU26)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 453 of 537 |

| | |
|---------------------------|---------------------|
| 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11000.00 | Average | V | - | - | -84.97 | 19.67 | 41.70 | 53.98 | -12.28 |
| 11000.00 | Peak | V | - | - | -73.54 | 19.67 | 53.13 | 73.98 | -20.85 |
| 16500.00 | Peak | V | - | - | -74.38 | 26.61 | 59.23 | 68.20 | -8.97 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11160.00 | Average | V | - | - | -84.88 | 19.90 | 42.02 | 53.98 | -11.96 |
| 11160.00 | Peak | V | - | - | -73.58 | 19.90 | 53.32 | 73.98 | -20.66 |
| 16740.00 | Peak | V | - | - | -74.61 | 27.52 | 59.91 | 68.20 | -8.29 |

Table 7-138. Radiated Measurements CDD (RU26)

| | | | |
|---|--|------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 454 of 537 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11440.00 | Average | V | - | - | -85.69 | 20.25 | 41.56 | 53.98 | -12.42 |
| 11440.00 | Peak | V | - | - | -74.19 | 20.25 | 53.06 | 73.98 | -20.92 |
| 17160.00 | Peak | V | - | - | -75.01 | 27.51 | 59.50 | 68.20 | -8.70 |

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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | V | - | - | -86.04 | 20.15 | 41.11 | 53.98 | -12.87 |
| 11490.00 | Peak | V | - | - | -74.95 | 20.15 | 52.20 | 73.98 | -21.78 |
| 17235.00 | Peak | V | - | - | -73.97 | 28.21 | 61.24 | 68.20 | -6.96 |

Table 7-140. Radiated Measurements CDD (RU26)

| | | | | |
|---|---|----------------------------|--|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | | |

| | |
|---------------------------|---------------------|
| 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11570.00 | Average | V | - | - | -85.91 | 20.30 | 41.39 | 53.98 | -12.58 |
| 11570.00 | Peak | V | - | - | -73.70 | 20.30 | 53.60 | 73.98 | -20.37 |
| 17355.00 | Peak | V | - | - | -73.96 | 27.92 | 60.96 | 68.20 | -7.24 |

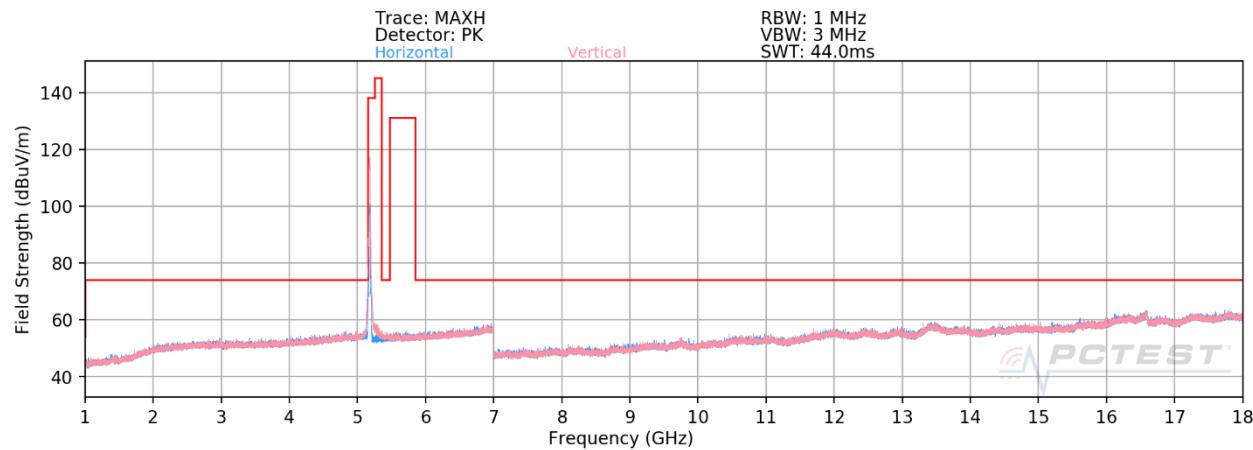
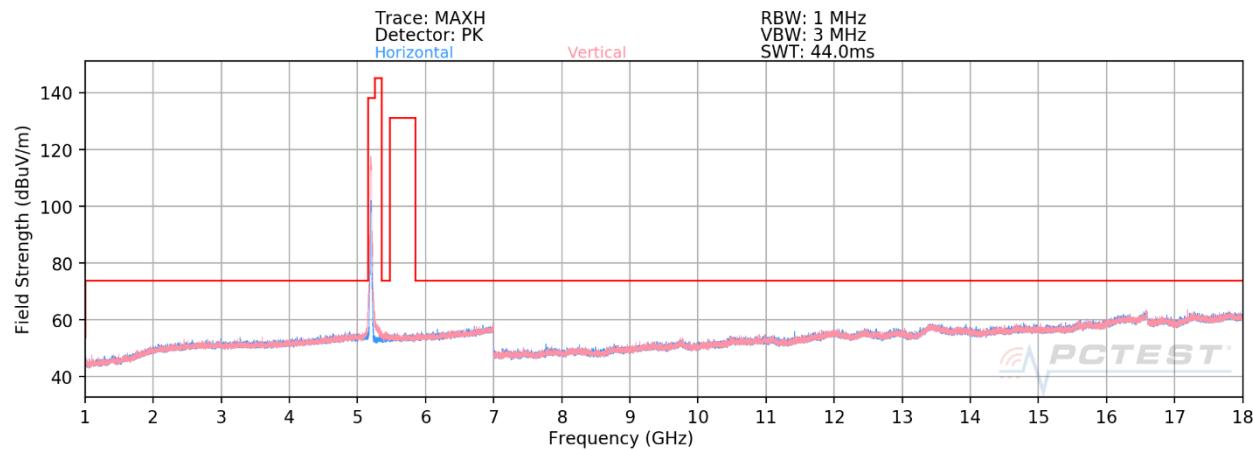
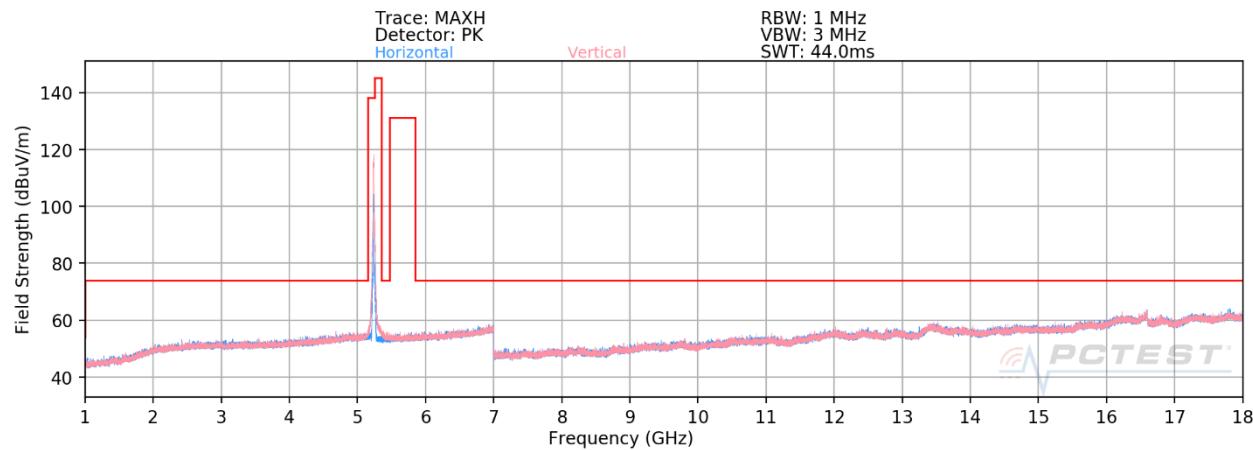
Table 7-141. Radiated Measurements CDD (RU26)

| | |
|---------------------------|---------------------|
| 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 |

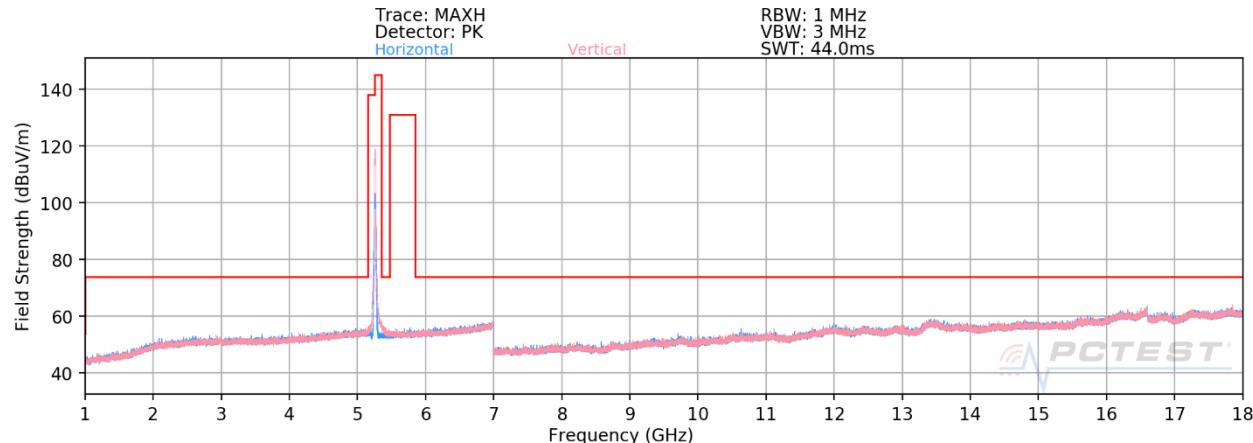
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11650.00 | Average | V | - | - | -85.52 | 21.29 | 42.77 | 53.98 | -11.21 |
| 11650.00 | Peak | V | - | - | -73.46 | 21.29 | 54.83 | 73.98 | -19.15 |
| 17475.00 | Peak | V | - | - | -74.27 | 28.14 | 60.87 | 68.20 | -7.33 |

Table 7-142. Radiated Measurements CDD (RU26)

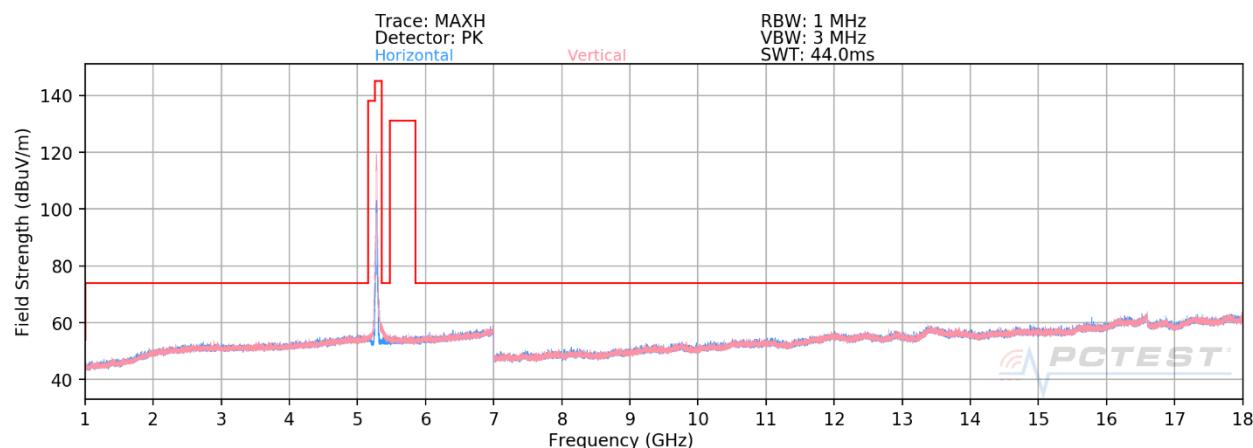
| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 456 of 537 |


Plot 7-756. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 36 – RU242)

Plot 7-757. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 40 – RU242)

Plot 7-758. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 48 – RU242)

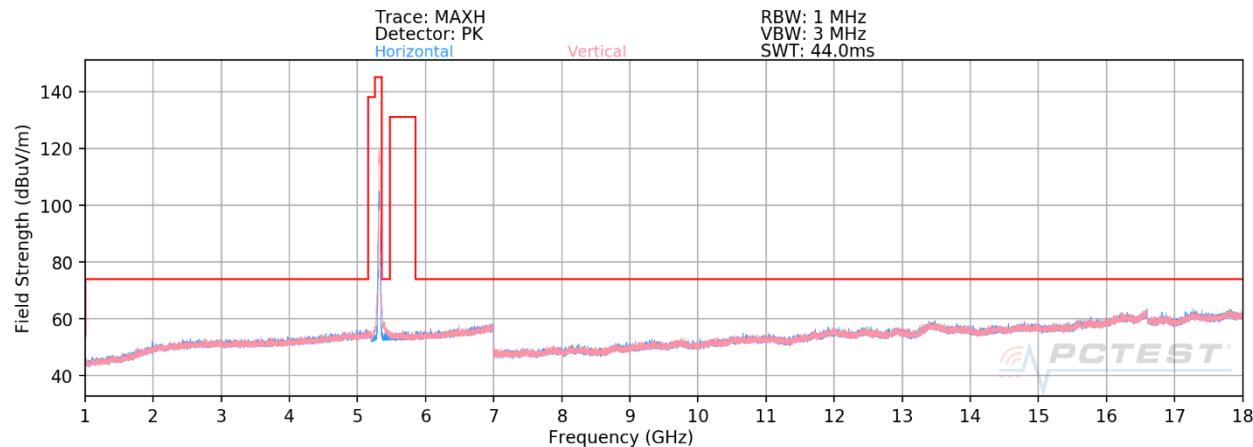
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 457 of 537 |



Plot 7-759. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 52 – RU242)

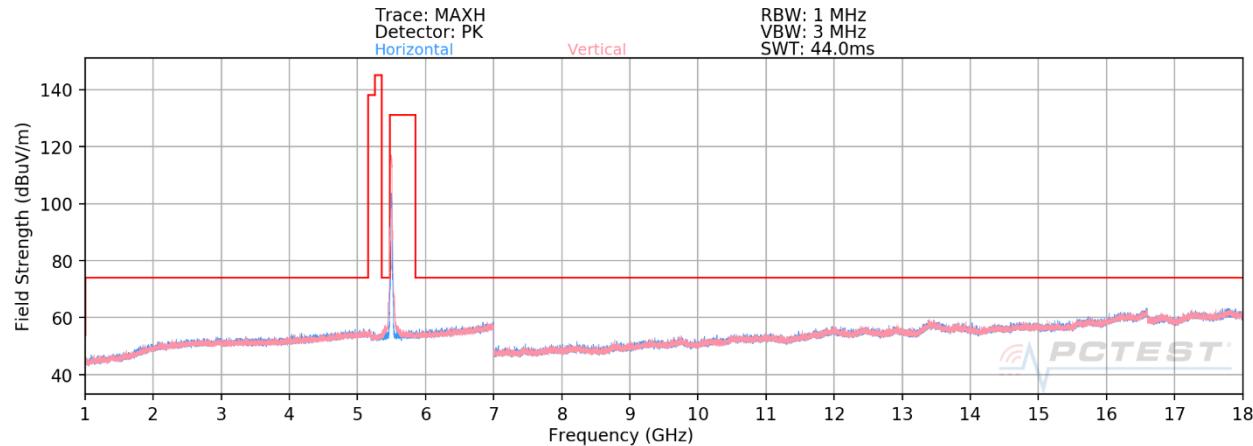


Plot 7-760. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 56 – RU242)

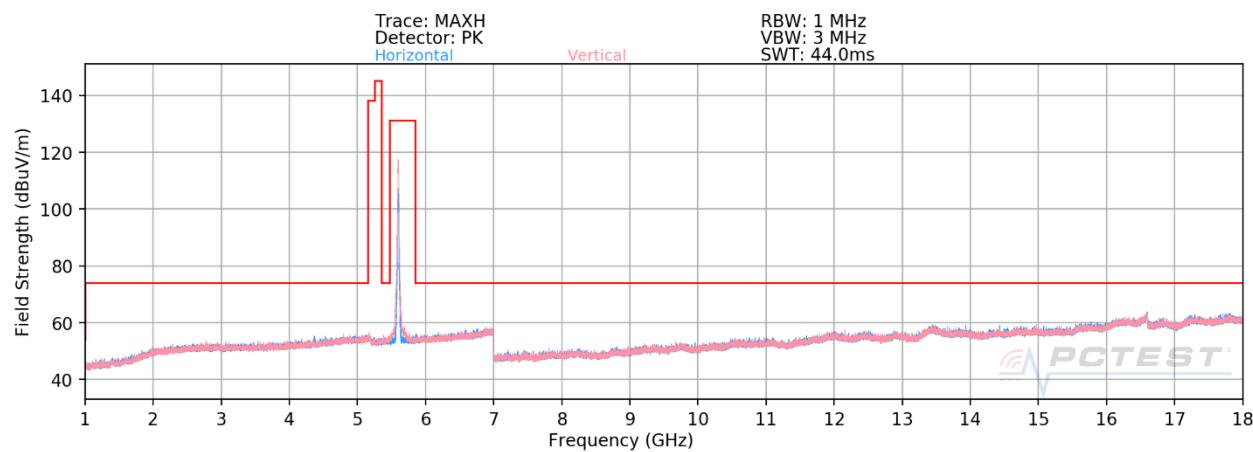


Plot 7-761. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2A Ch. 64 – RU242)

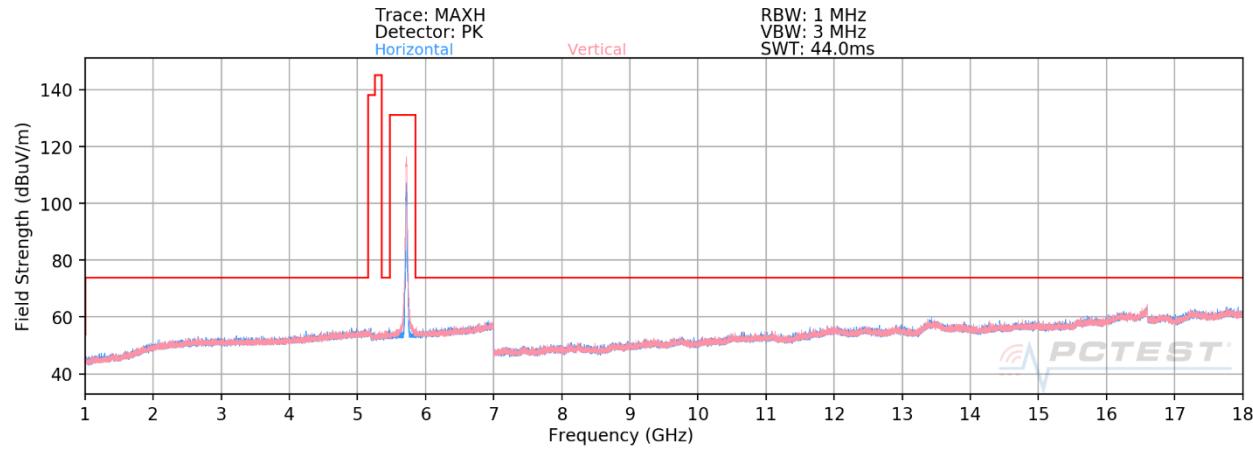
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 458 of 537 |



Plot 7-762. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2C Ch. 100 – RU242)

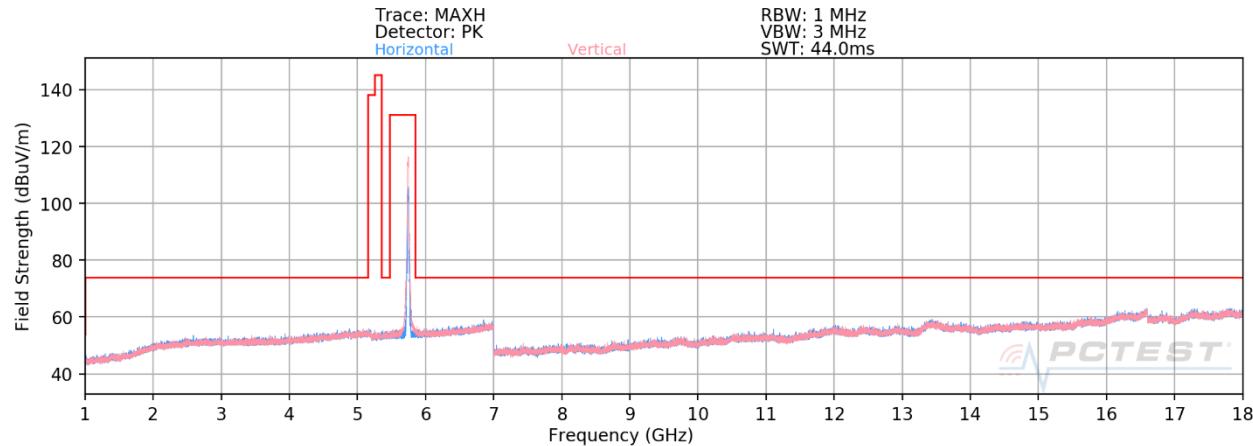


Plot 7-763. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2C Ch. 116 – RU242)

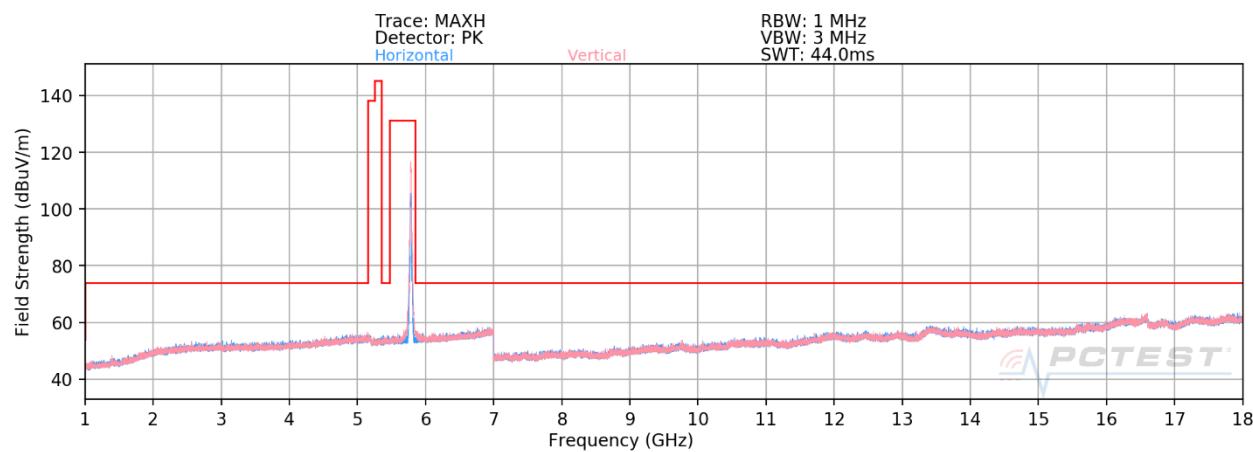


Plot 7-764. Radiated Spurious Plot above 1GHz CDD (802.11ax – U2C Ch. 144 – RU242)

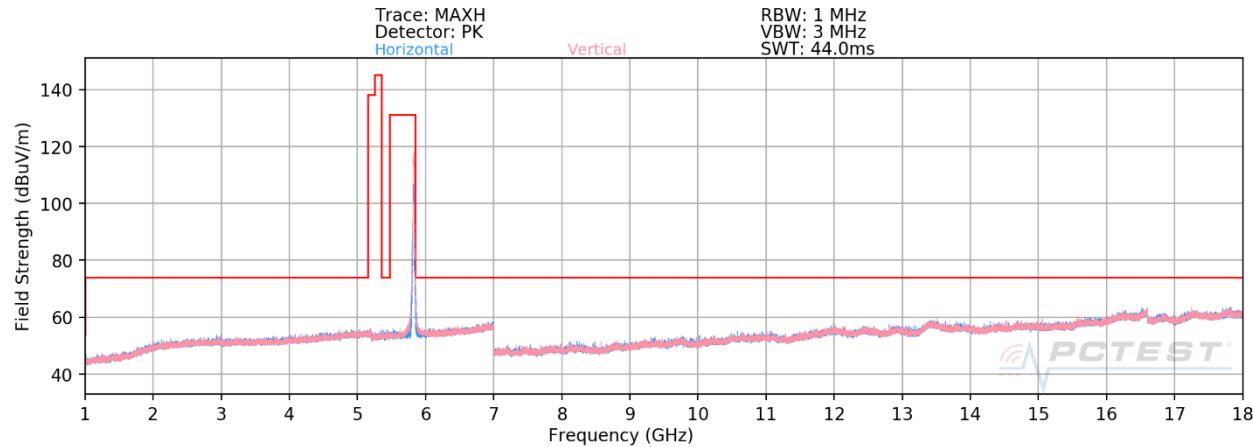
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 459 of 537 |



Plot 7-765. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 149 – RU242)



Plot 7-766. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 157 – RU242)



Plot 7-767. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 165 – RU242)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 460 of 537 |

CDD Radiated Spurious Emission Measurements (RU242)

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

| | |
|---------------------------|----------------------------|
| Worst Case Mode: | <u>802.11ax (20MHz BW)</u> |
| Worst Case Transfer Rate: | <u>MCS0</u> |
| RU Index: | <u>61</u> |
| Distance of Measurements: | <u>3 Meters</u> |
| Operating Frequency: | <u>5180MHz</u> |
| Channel: | <u>36</u> |

| 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 | V | - | - | -73.81 | 18.62 | 51.81 | 68.20 | -16.39 |
| 15540.00 | Average | V | - | - | -85.56 | 25.60 | 47.04 | 53.98 | -6.94 |
| 15540.00 | Peak | V | - | - | -74.30 | 25.60 | 58.30 | 73.98 | -15.68 |

Table 7-143. Radiated Measurements CDD (RU242)

| | |
|---------------------------|----------------------------|
| Worst Case Mode: | <u>802.11ax (20MHz BW)</u> |
| Worst Case Transfer Rate: | <u>MCS0</u> |
| RU Index: | <u>61</u> |
| Distance of Measurements: | <u>3 Meters</u> |
| Operating Frequency: | <u>5200MHz</u> |
| Channel: | <u>40</u> |

| 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 | V | - | - | -73.46 | 18.72 | 52.26 | 68.20 | -15.94 |
| 15600.00 | Average | V | - | - | -85.18 | 25.91 | 47.73 | 53.98 | -6.25 |
| 15600.00 | Peak | V | - | - | -74.71 | 25.91 | 58.20 | 73.98 | -15.78 |

Table 7-144. Radiated Measurements CDD (RU242)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 461 of 537 |

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 | V | - | - | -74.18 | 19.81 | 52.63 | 68.20 | -15.57 |
| 15720.00 | Average | V | - | - | -85.79 | 25.55 | 46.76 | 53.98 | -7.22 |
| 15720.00 | Peak | V | - | - | -74.96 | 25.55 | 57.59 | 73.98 | -16.39 |

Table 7-145. Radiated Measurements CDD (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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | V | - | - | -73.97 | 19.96 | 52.99 | 68.20 | -15.21 |
| 15780.00 | Average | V | - | - | -86.06 | 25.70 | 46.64 | 53.98 | -7.34 |
| 15780.00 | Peak | V | - | - | -75.24 | 25.70 | 57.46 | 73.98 | -16.52 |

Table 7-146. Radiated Measurements CDD (RU242)

| | | | | |
|---|---|----------------------------|--|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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: | 5280MHz |
| Channel: | 56 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10560.00 | Peak | V | - | - | -73.49 | 19.70 | 53.21 | 68.20 | -14.99 |
| 15840.00 | Average | V | - | - | -86.12 | 25.59 | 46.47 | 53.98 | -7.51 |
| 15840.00 | Peak | V | - | - | -74.25 | 25.59 | 58.34 | 73.98 | -15.64 |

Table 7-147. Radiated Measurements CDD (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 | V | - | - | -84.82 | 19.69 | 41.87 | 53.98 | -12.11 |
| 10640.00 | Peak | V | - | - | -74.04 | 19.69 | 52.65 | 73.98 | -21.33 |
| 15960.00 | Average | V | - | - | -85.80 | 26.01 | 47.21 | 53.98 | -6.77 |
| 15960.00 | Peak | V | - | - | -74.63 | 26.01 | 58.38 | 73.98 | -15.60 |

Table 7-148. Radiated Measurements CDD (RU242)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 463 of 537 |

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 | V | - | - | -85.10 | 19.67 | 41.57 | 53.98 | -12.41 |
| 11000.00 | Peak | V | - | - | -73.83 | 19.67 | 52.84 | 73.98 | -21.14 |
| 16500.00 | Peak | V | - | - | -74.12 | 26.61 | 59.49 | 68.20 | -8.71 |

Table 7-149. Radiated Measurements CDD (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 | V | - | - | -85.14 | 19.90 | 41.76 | 53.98 | -12.22 |
| 11160.00 | Peak | V | - | - | -74.26 | 19.90 | 52.64 | 73.98 | -21.34 |
| 16740.00 | Peak | V | - | - | -75.06 | 27.52 | 59.46 | 68.20 | -8.74 |

Table 7-150. Radiated Measurements CDD (RU242)

| | | | | |
|---|---|----------------------------|--|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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: 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 | V | - | - | -85.68 | 20.25 | 41.57 | 53.98 | -12.41 |
| 11440.00 | Peak | V | - | - | -74.13 | 20.25 | 53.12 | 73.98 | -20.86 |
| 17160.00 | Peak | V | - | - | -74.92 | 27.51 | 59.59 | 68.20 | -8.61 |

Table 7-151. Radiated Measurements CDD (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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 11490.00 | Average | V | - | - | -85.82 | 20.15 | 41.33 | 53.98 | -12.65 |
| 11490.00 | Peak | V | - | - | -74.16 | 20.15 | 52.99 | 73.98 | -20.99 |
| 17235.00 | Peak | V | - | - | -75.02 | 28.21 | 60.19 | 68.20 | -8.01 |

Table 7-152. Radiated Measurements CDD (RU242)

| | | | | | |
|---|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | 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: 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 | V | - | - | -85.23 | 20.30 | 42.07 | 53.98 | -11.90 |
| 11570.00 | Peak | V | - | - | -74.38 | 20.30 | 52.92 | 73.98 | -21.05 |
| 17355.00 | Peak | V | - | - | -74.92 | 27.92 | 60.00 | 68.20 | -8.20 |

Table 7-153. Radiated Measurements CDD (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 | V | - | - | -85.39 | 21.29 | 42.90 | 53.98 | -11.08 |
| 11650.00 | Peak | V | - | - | -74.40 | 21.29 | 53.89 | 73.98 | -20.09 |
| 17475.00 | Peak | V | - | - | -74.18 | 28.14 | 60.96 | 68.20 | -7.24 |

Table 7-154. Radiated Measurements CDD (RU242)

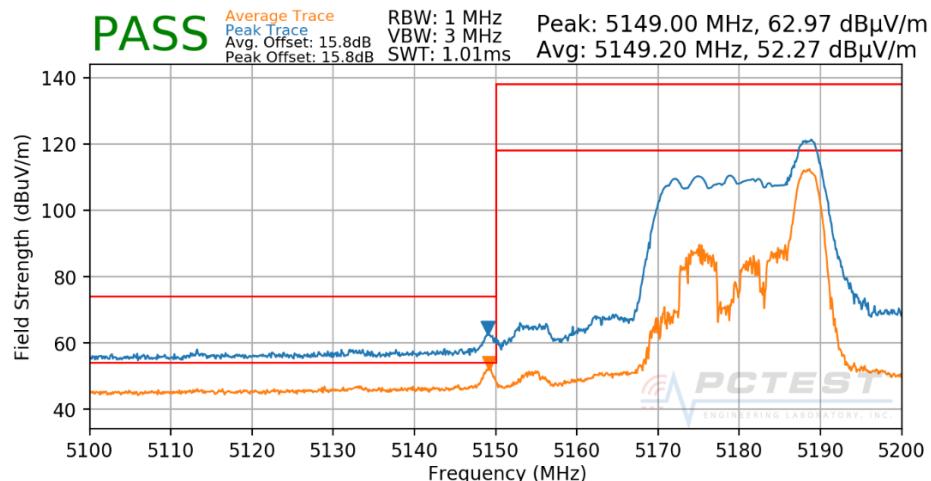
| | | | | |
|---|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 466 of 537 | |

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

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

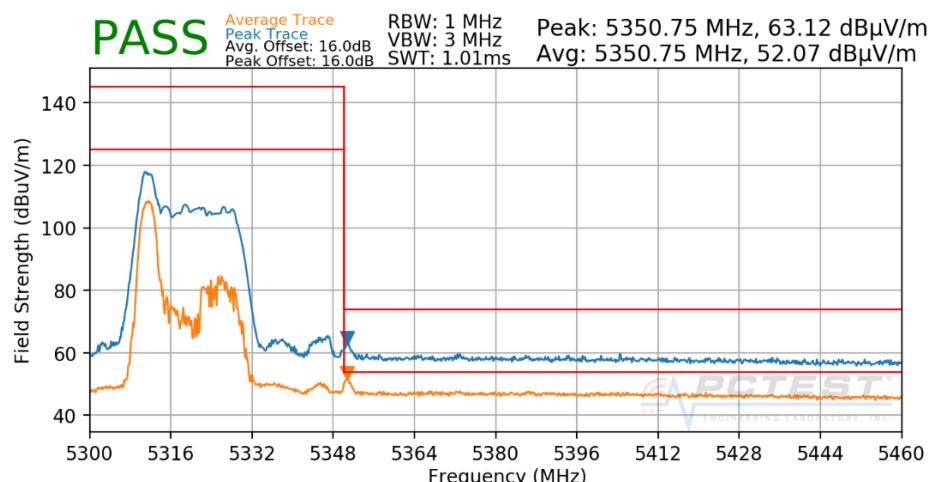
RU26

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 8
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36



Plot 7-768. Radiated Lower Band Edge Plot SISO CORE 0 (Peak & Average – UNII Band 1 – RU26)

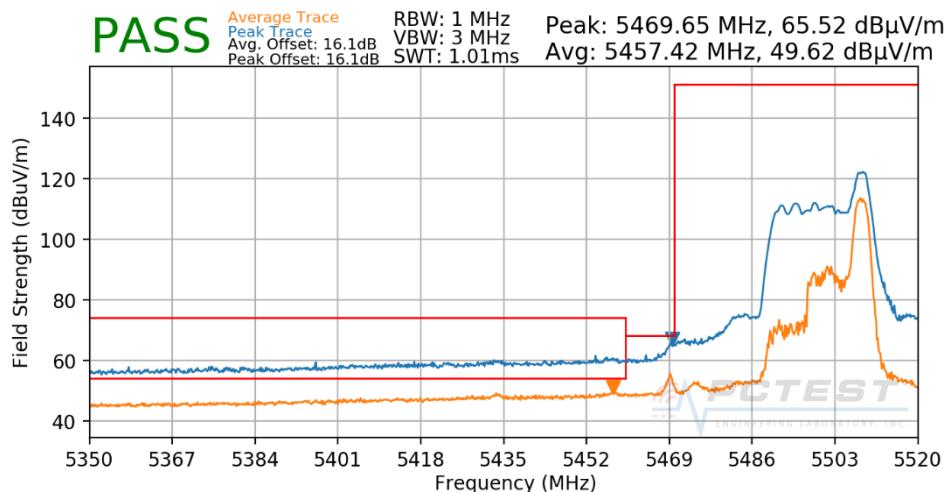
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64



Plot 7-769. Radiated Upper Band Edge Plot SISO CORE 0 (Peak & Average – UNII Band 2A – RU26)

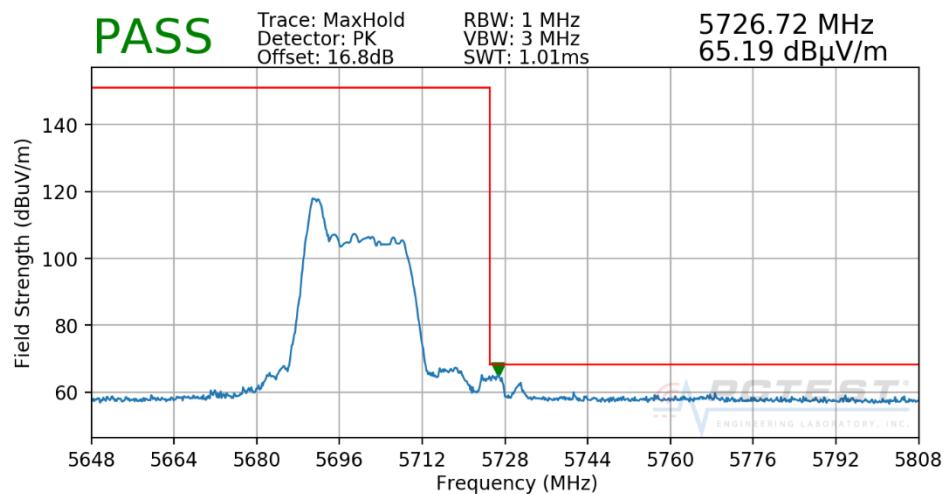
| | | | | |
|---|--|----------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2228 |  PCTEST [®] | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 467 of 537 | |

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 8
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100



Plot 7-770. Radiated Lower Band Edge Plot SISO CORE 0 (Peak & Average – UNII Band 2C – RU26)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5700MHz
 Channel: 140



Plot 7-771. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 2C – RU26)

| | | | | |
|---|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2228 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170050-09.BCG | Test Dates: 12/10/2019 - 02/26/2020 | EUT Type: Tablet Device | Page 468 of 537 | |