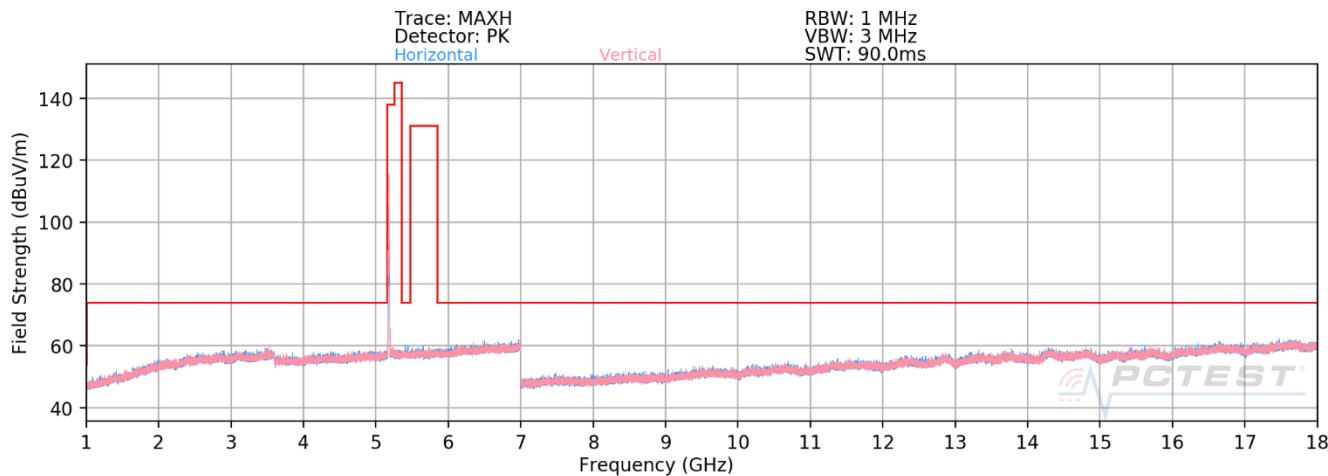


7.6.1 Antenna 5b Radiated Spurious Emission

RU26


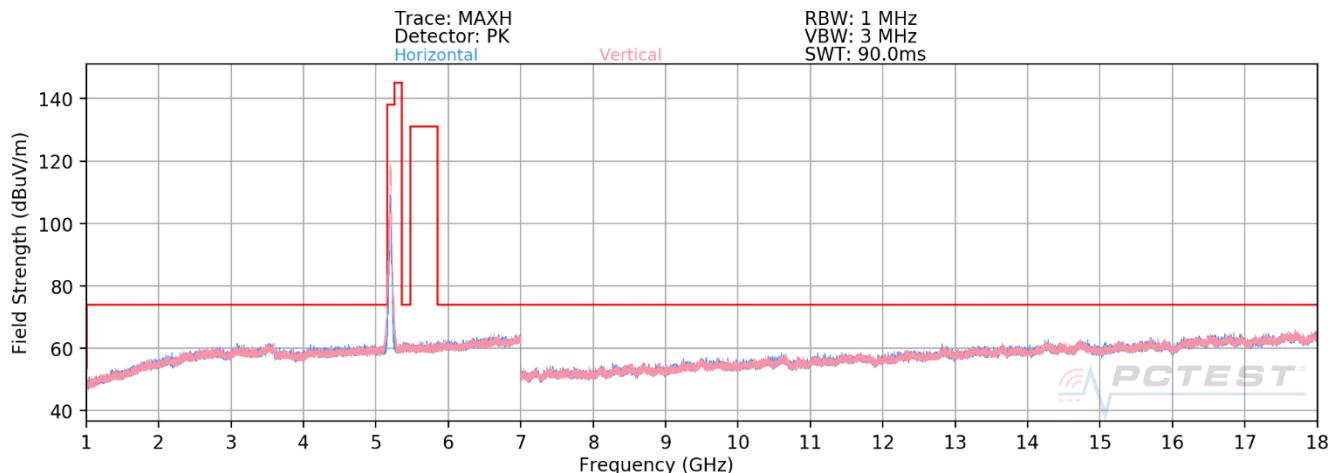
Plot 7-337. RSE above 1GHz Antenna 5b (11ax – Ch.36 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5180MHz
Channel: 36

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | - | - | - | -68.12 | 14.63 | 53.51 | 68.20 | -14.69 |
| * 15540.00 | Average | - | - | - | -82.46 | 20.83 | 45.37 | 53.98 | -8.61 |
| * 15540.00 | Peak | - | - | - | -69.70 | 20.83 | 58.13 | 73.98 | -15.85 |

Table 7-83. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



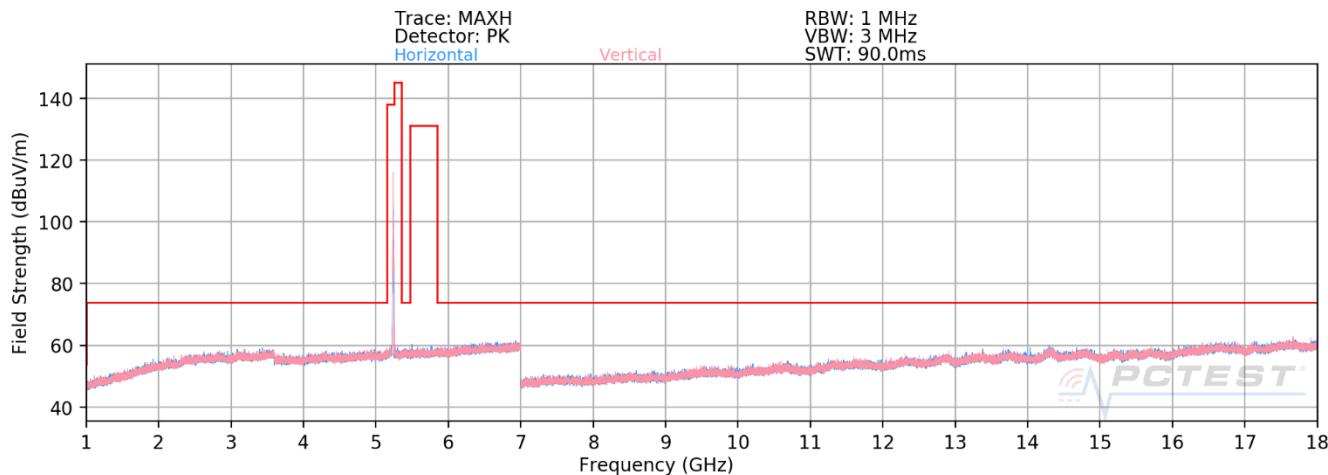
Plot 7-338. RSE above 1GHz Antenna 5b (11ax – Ch.40 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | - | - | - | -67.81 | 14.86 | 54.05 | 68.20 | -14.15 |
| * 15600.00 | Average | - | - | - | -82.35 | 20.93 | 45.58 | 53.98 | -8.40 |
| * 15600.00 | Peak | - | - | - | -69.44 | 20.93 | 58.49 | 73.98 | -15.49 |

Table 7-84. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



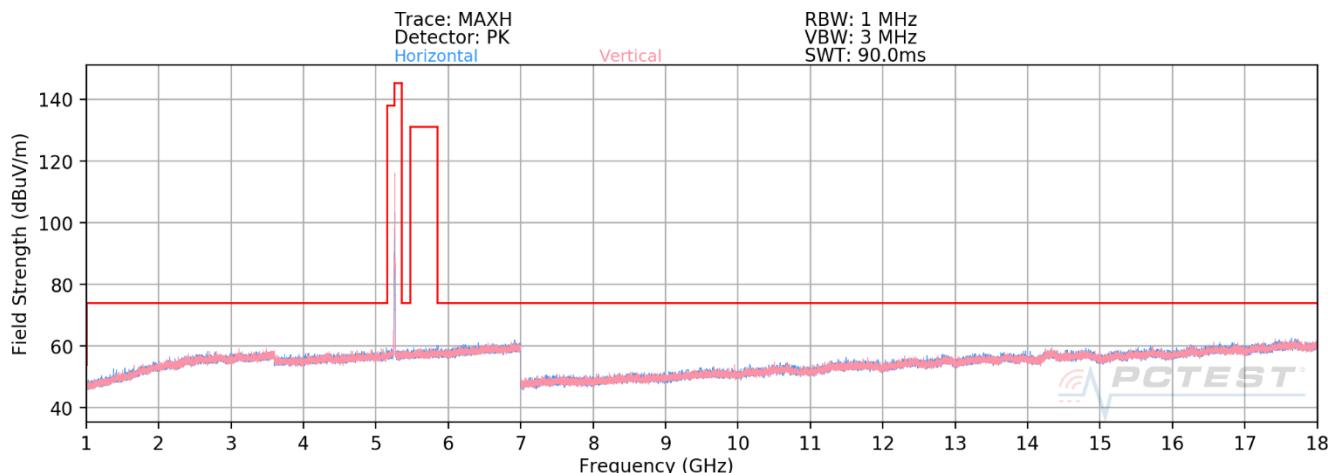
Plot 7-339. RSE above 1GHz Antenna 5b (11ax – Ch.48 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | - | - | - | -68.25 | 15.44 | 54.19 | 68.20 | -14.01 |
| * 15720.00 | Average | - | - | - | -82.86 | 21.31 | 45.45 | 53.98 | -8.52 |
| * 15720.00 | Peak | - | - | - | -70.02 | 21.31 | 58.29 | 73.98 | -15.68 |

Table 7-85. Radiated Measurements Antenna 5b (RU26)

| | | | | |
|--|--|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | Page 133 of 257 | |



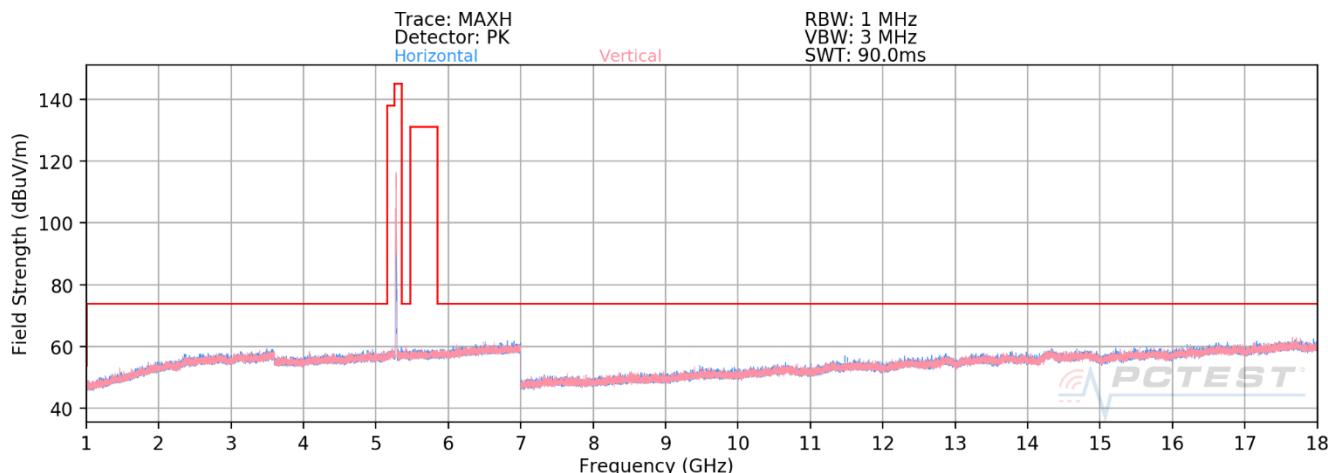
Plot 7-340. RSE above 1GHz Antenna 5b (11ax – Ch.52 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5260MHz
Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10520.00 | Peak | - | - | - | -67.95 | 15.28 | 54.33 | 68.20 | -13.87 |
| * 15780.00 | Average | - | - | - | -82.61 | 20.92 | 45.31 | 53.98 | -8.67 |
| * 15780.00 | Peak | - | - | - | -69.62 | 20.92 | 58.30 | 73.98 | -15.68 |

Table 7-86. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



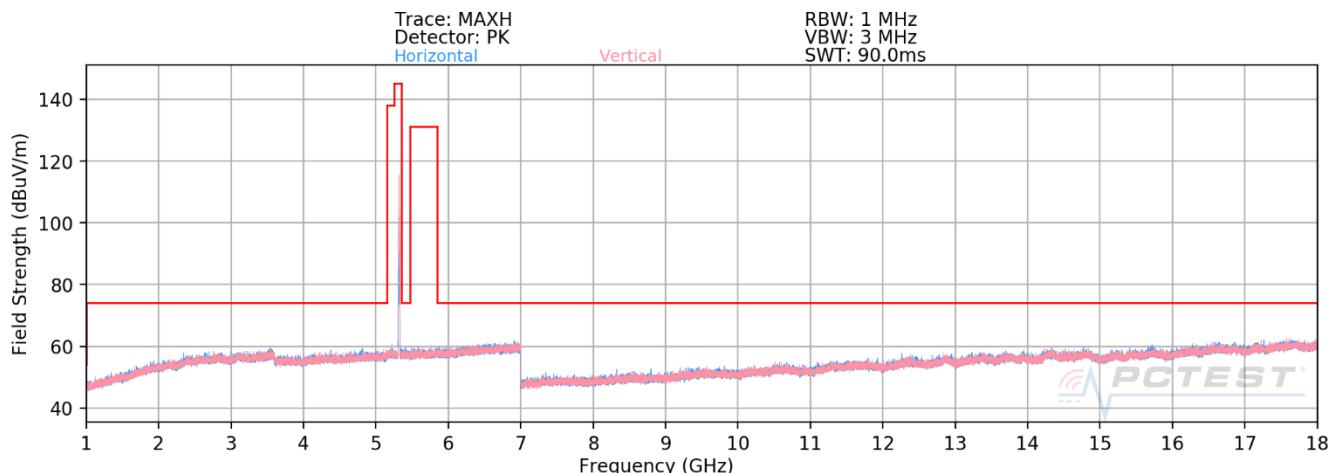
Plot 7-341. RSE above 1GHz Antenna 5b (11ax – Ch.56 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00 | Peak | - | - | - | -68.29 | 15.25 | 53.96 | 68.20 | -14.24 |
| * 15840.00 | Average | - | - | - | -82.28 | 20.96 | 45.68 | 53.98 | -8.30 |
| * 15840.00 | Peak | - | - | - | -69.67 | 20.96 | 58.29 | 73.98 | -15.69 |

Table 7-87. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 135 of 257 |

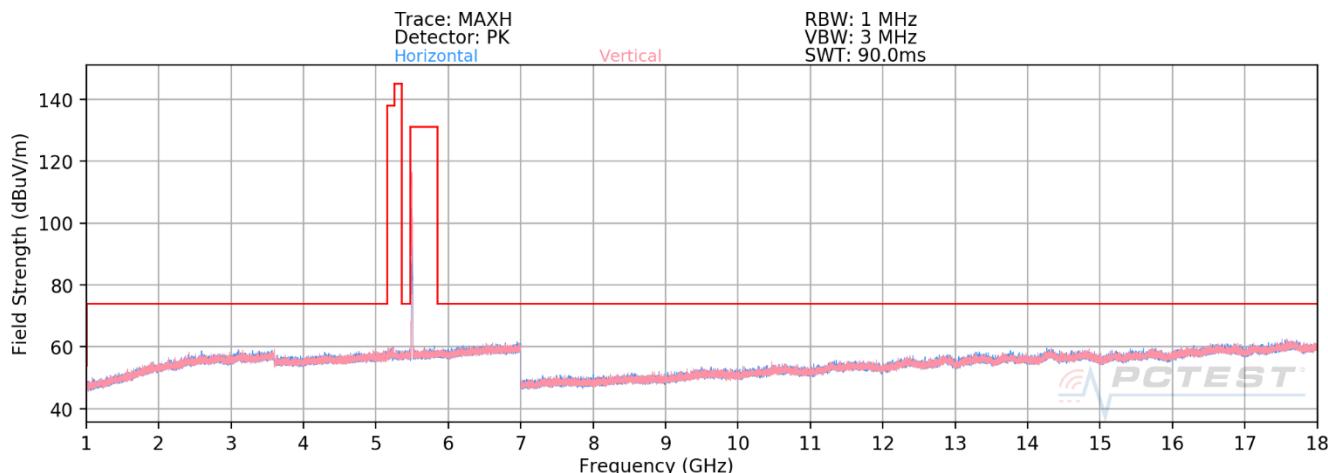

Plot 7-342. RSE above 1GHz Antenna 5b (11ax – Ch.64 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 10640.00 | Average | - | - | - | -81.04 | 15.02 | 40.98 | 53.98 | -13.00 |
| * 10640.00 | Peak | - | - | - | -68.41 | 15.02 | 53.61 | 73.98 | -20.37 |
| * 15960.00 | Average | - | - | - | -83.08 | 21.22 | 45.14 | 53.98 | -8.84 |
| * 15960.00 | Peak | - | - | - | -70.05 | 21.22 | 58.17 | 73.98 | -15.81 |

Table 7-88. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



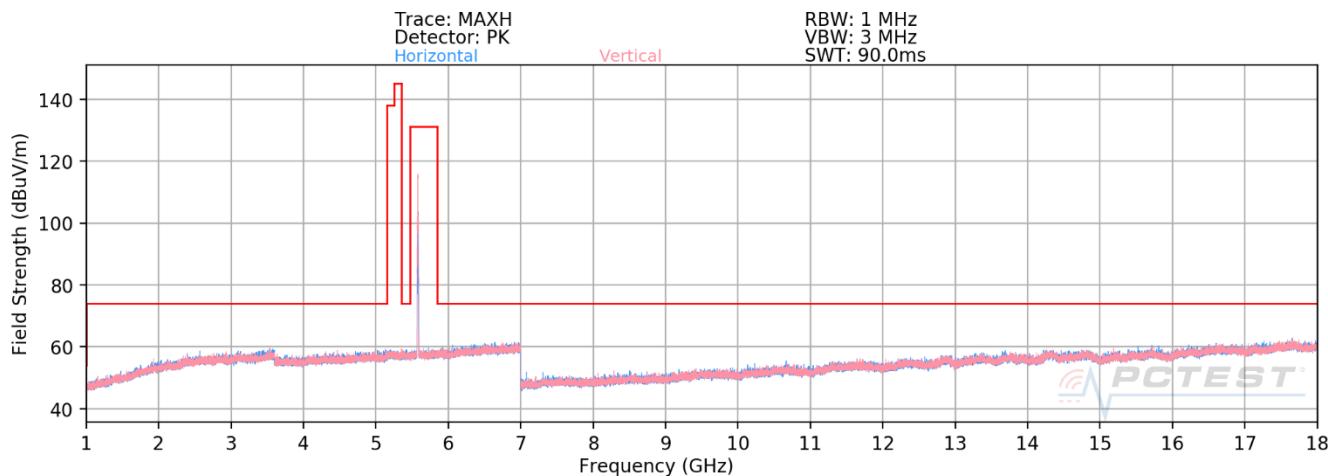
Plot 7-343. RSE above 1GHz Antenna 5b (11ax – Ch.100 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11000.00 | Average | - | - | - | -82.54 | 15.86 | 40.32 | 53.98 | -13.66 |
| * 11000.00 | Peak | - | - | - | -69.72 | 15.86 | 53.14 | 73.98 | -20.84 |
| 16500.00 | Peak | - | - | - | -69.23 | 22.24 | 60.01 | 68.20 | -8.19 |

Table 7-89. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



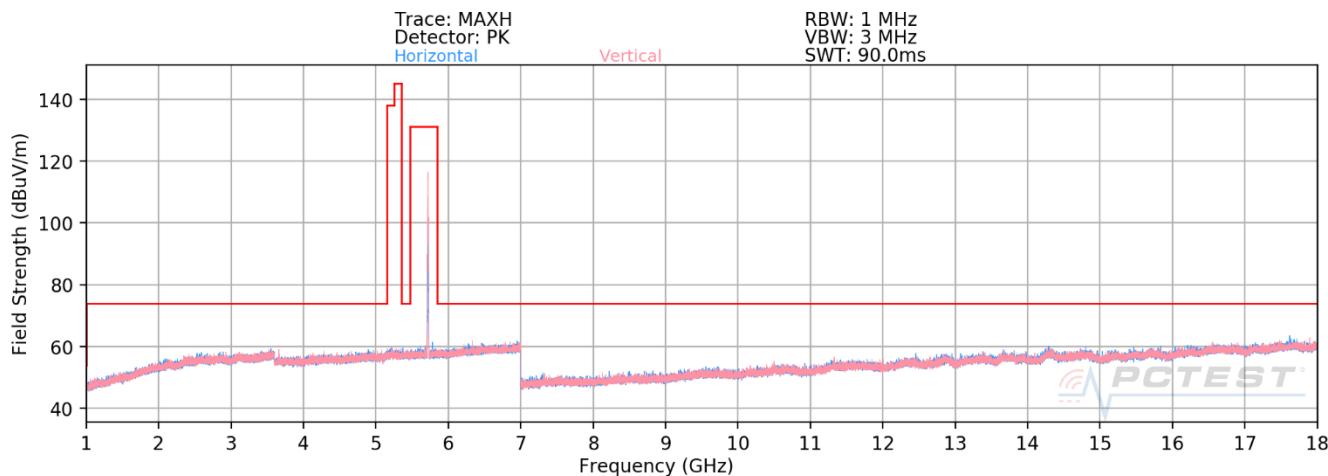
Plot 7-344. RSE above 1GHz Antenna 5b (11ax – Ch.116 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5580MHz
Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11160.00 | Average | - | - | - | -81.75 | 15.55 | 40.80 | 53.98 | -13.18 |
| * 11160.00 | Peak | - | - | - | -69.20 | 15.55 | 53.35 | 73.98 | -20.63 |
| 16740.00 | Peak | - | - | - | -69.97 | 22.07 | 59.10 | 68.20 | -9.10 |

Table 7-90. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



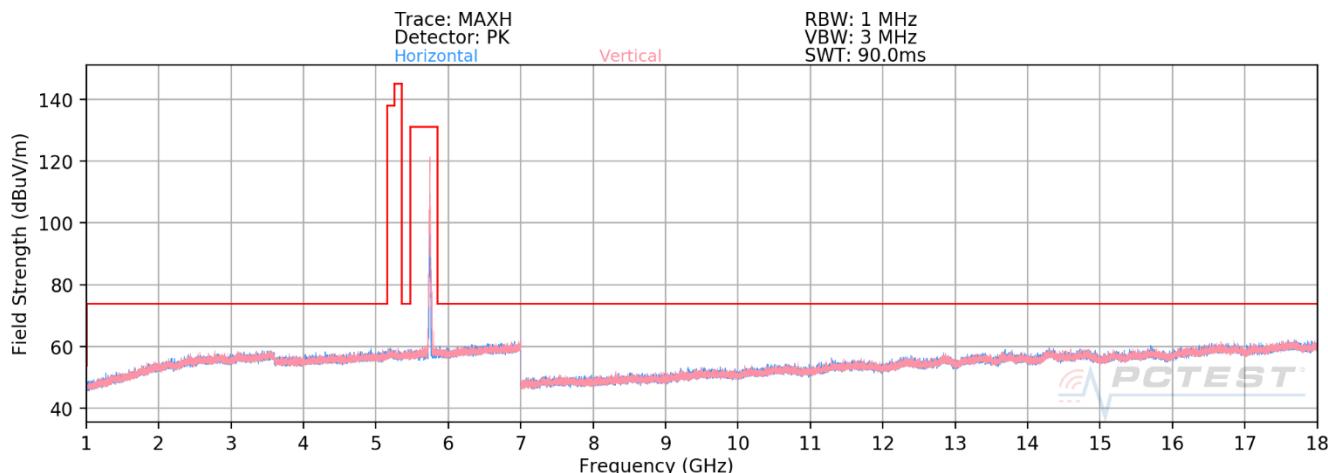
Plot 7-345. RSE above 1GHz Antenna 5b (11ax – Ch.144 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5720MHz
Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11440.00 | Average | - | - | - | -81.18 | 16.23 | 42.05 | 53.98 | -11.93 |
| * 11440.00 | Peak | - | - | - | -68.61 | 16.23 | 54.62 | 73.98 | -19.36 |
| 17160.00 | Peak | - | - | - | -68.56 | 23.09 | 61.53 | 68.20 | -6.67 |

Table 7-91. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



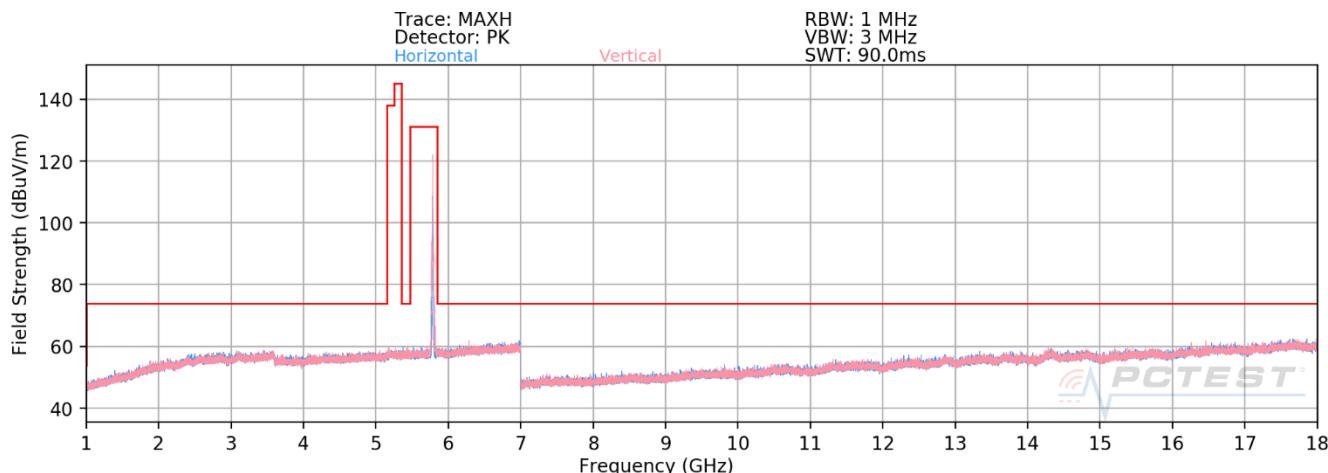
Plot 7-346. RSE above 1GHz Antenna 5b (11ax – Ch.149 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5745MHz
Channel: 149

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11490.00 | Average | - | - | - | -81.23 | 16.66 | 42.43 | 53.98 | -11.55 |
| * 11490.00 | Peak | - | - | - | -67.99 | 16.66 | 55.67 | 73.98 | -18.31 |
| 17235.00 | Peak | - | - | - | -69.87 | 22.96 | 60.09 | 68.20 | -8.11 |

Table 7-92. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 140 of 257 |

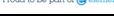


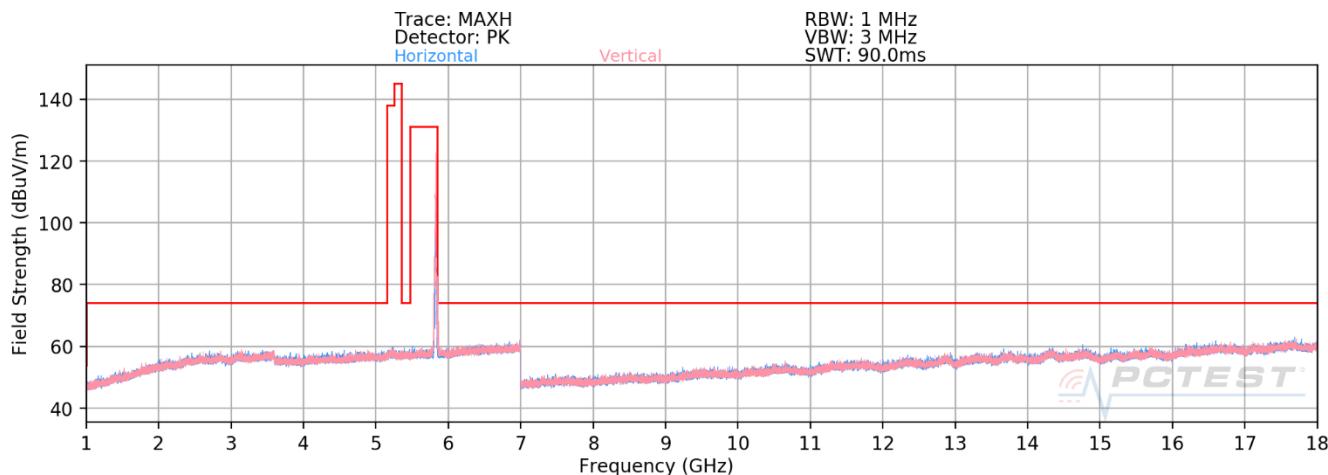
Plot 7-347. RSE above 1GHz Antenna 5b (11ax – Ch.157 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5785MHz
Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11570.00 | Average | - | - | - | -81.78 | 16.73 | 41.95 | 53.98 | -12.03 |
| * 11570.00 | Peak | - | - | - | -69.12 | 16.73 | 54.61 | 73.98 | -19.37 |
| 17355.00 | Peak | - | - | - | -69.91 | 23.30 | 60.39 | 68.20 | -7.81 |

Table 7-93. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



Plot 7-348. RSE above 1GHz Antenna 5b (11ax – Ch.165 – RU26)

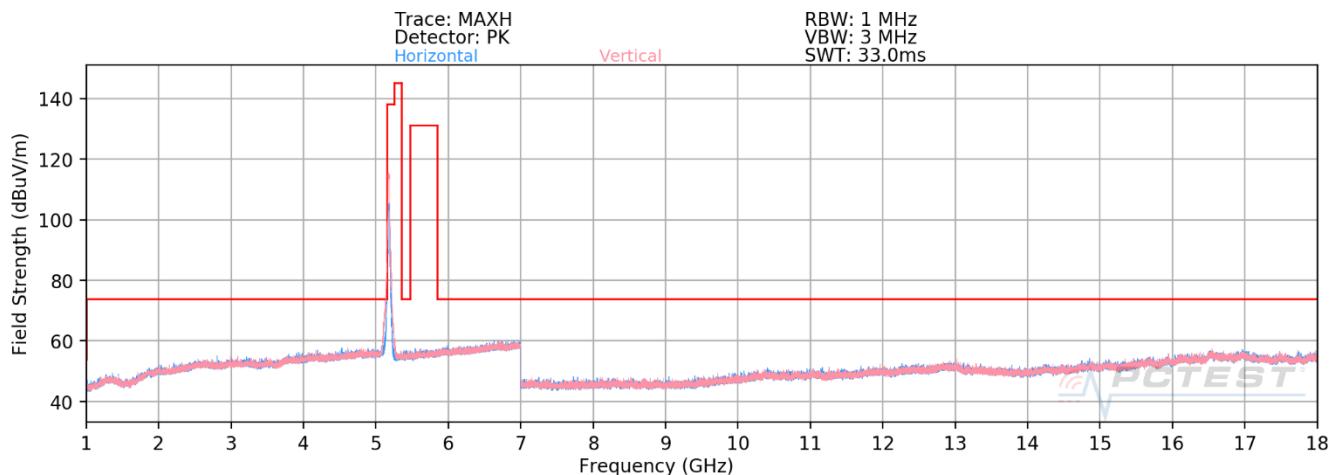
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11650.00 | Average | - | - | - | -81.72 | 16.58 | 41.86 | 53.98 | -12.12 |
| * 11650.00 | Peak | - | - | - | -68.91 | 16.58 | 54.67 | 73.98 | -19.31 |
| 17475.00 | Peak | - | - | - | -71.50 | 24.02 | 59.52 | 68.20 | -8.68 |

Table 7-94. Radiated Measurements Antenna 5b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 142 of 257 |

RU242



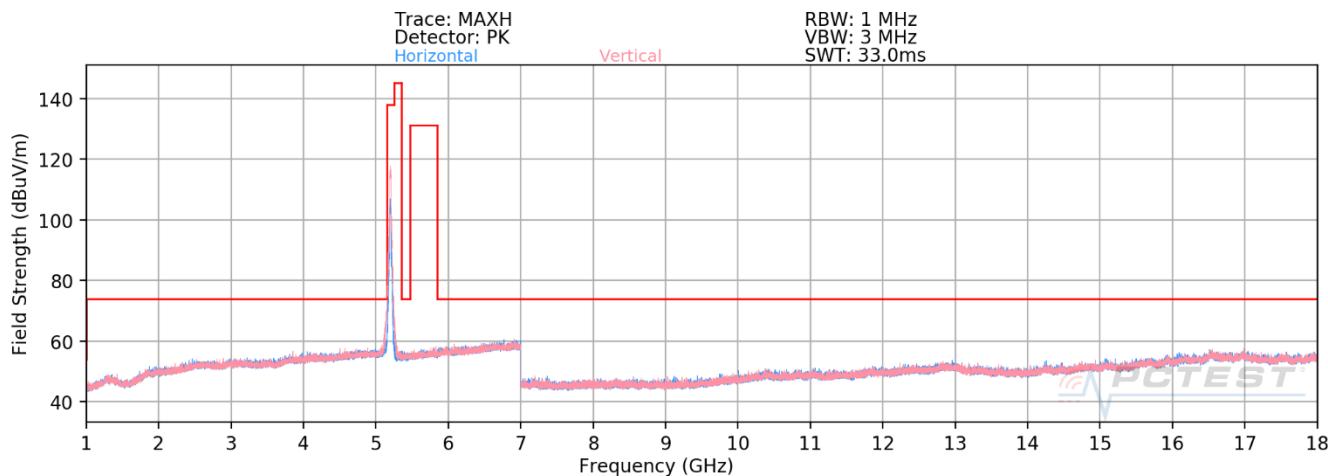
Plot 7-349. RSE above 1GHz Antenna 5b (11ax – Ch.36 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10360.00 | Peak | - | - | - | -74.09 | 15.07 | 47.98 | 68.20 | -20.22 |
| * 15540.00 | Average | - | - | - | -85.29 | 20.21 | 41.92 | 53.98 | -12.06 |
| * 15540.00 | Peak | - | - | - | -74.74 | 20.21 | 52.47 | 73.98 | -21.51 |

Table 7-95. Radiated Measurements Antenna 5b (RU242)

| | | | | |
|--|---|----------------------------|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | |



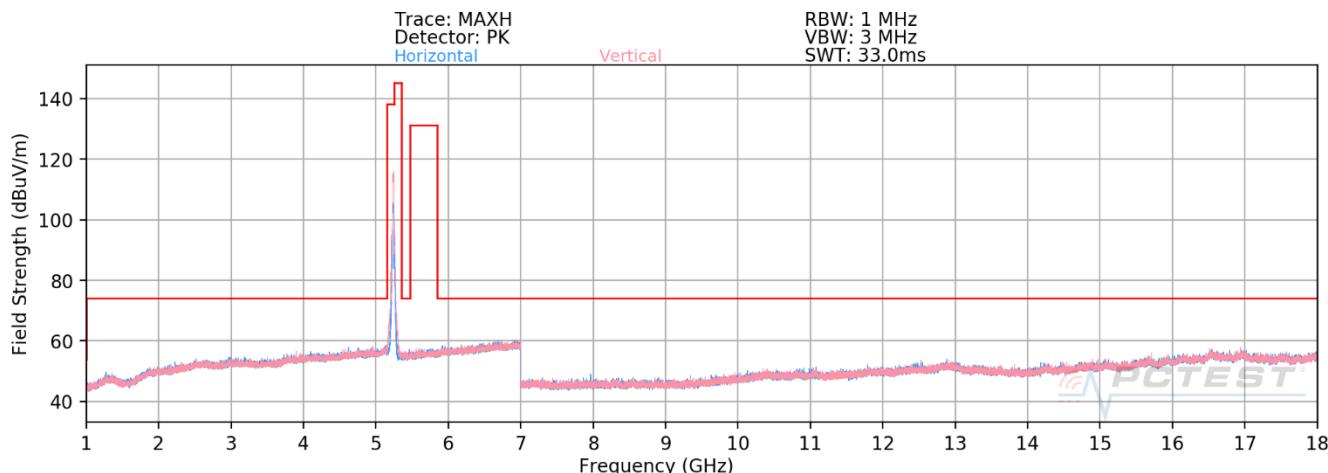
Plot 7-350. RSE above 1GHz Antenna 5b (11ax – Ch.40 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -74.39 | 15.60 | 48.21 | 68.20 | -19.99 |
| * 15600.00 | Average | - | - | - | -85.80 | 19.93 | 41.13 | 53.98 | -12.85 |
| * 15600.00 | Peak | - | - | - | -74.50 | 19.93 | 52.43 | 73.98 | -21.55 |

Table 7-96. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



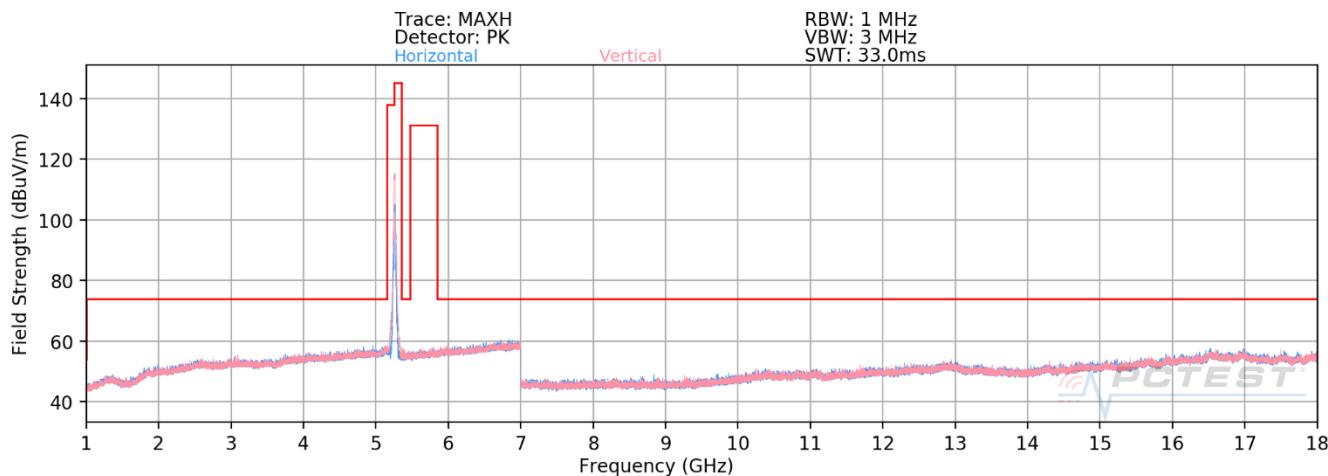
Plot 7-351. RSE above 1GHz Antenna 5b (11ax – Ch.48 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -72.91 | 14.90 | 48.99 | 68.20 | -19.21 |
| * 15720.00 | Average | - | - | - | -85.43 | 20.62 | 42.19 | 53.98 | -11.79 |
| * 15720.00 | Peak | - | - | - | -75.53 | 20.62 | 52.09 | 73.98 | -21.89 |

Table 7-97. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 145 of 257 |



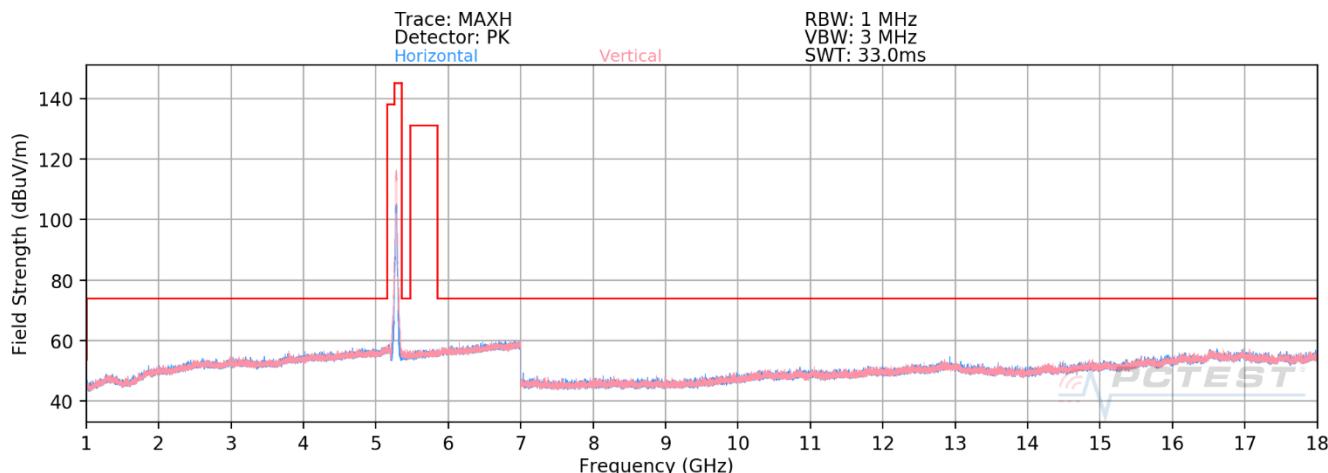
Plot 7-352. RSE above 1GHz Antenna 5b (11ax – Ch.52 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -73.41 | 14.63 | 48.22 | 68.20 | -19.98 |
| * 15780.00 | Average | - | - | - | -85.14 | 20.06 | 41.92 | 53.98 | -12.06 |
| * 15780.00 | Peak | - | - | - | -74.76 | 20.06 | 52.30 | 73.98 | -21.68 |

Table 7-98. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 146 of 257 |



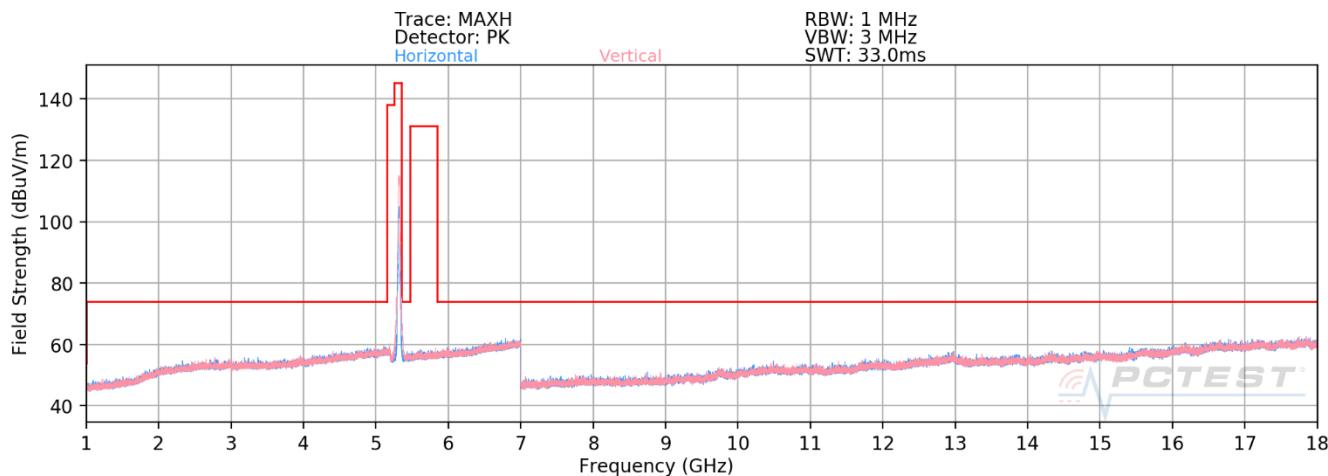
Plot 7-353. RSE above 1GHz Antenna 5b (11ax – Ch.56 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00 | Peak | - | - | - | -74.71 | 15.10 | 47.39 | 68.20 | -20.81 |
| * 15840.00 | Average | - | - | - | -85.42 | 20.23 | 41.81 | 53.98 | -12.17 |
| * 15840.00 | Peak | - | - | - | -74.37 | 20.23 | 52.86 | 73.98 | -21.12 |

Table 7-99. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 147 of 257 |



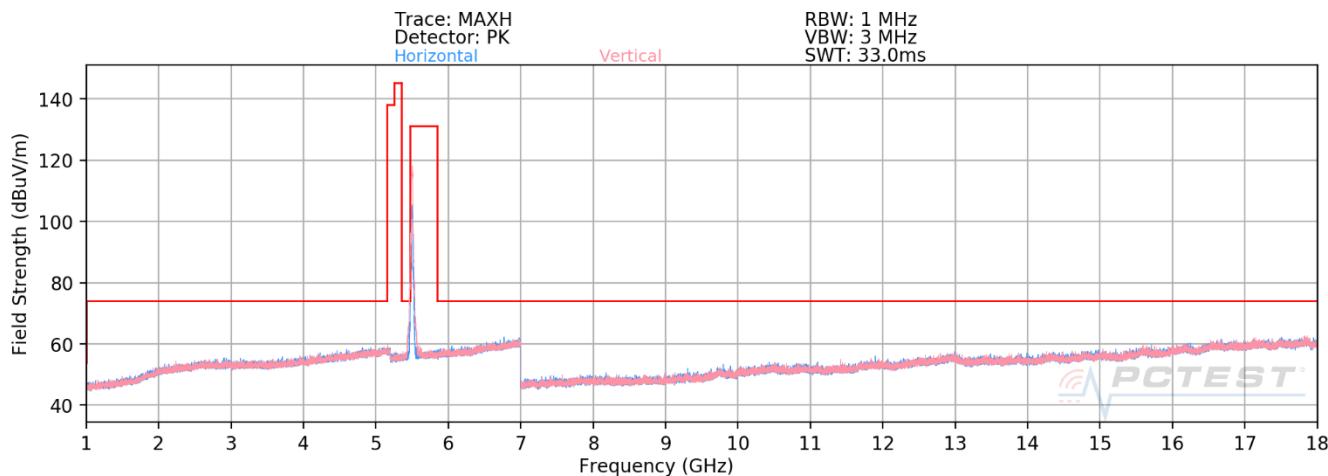
Plot 7-354. RSE above 1GHz Antenna 5b (11ax – Ch.64 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -85.67 | 19.23 | 40.56 | 53.98 | -13.42 |
| * 10640.00 | Peak | - | - | - | -74.19 | 19.23 | 52.04 | 73.98 | -21.94 |
| * 15960.00 | Average | - | - | - | -85.59 | 26.22 | 47.63 | 53.98 | -6.35 |
| * 15960.00 | Peak | - | - | - | -75.51 | 26.22 | 57.71 | 73.98 | -16.27 |

Table 7-100. Radiated Measurements Antenna 5b (RU242)

| | | | |
|--|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | Page 148 of 257 |

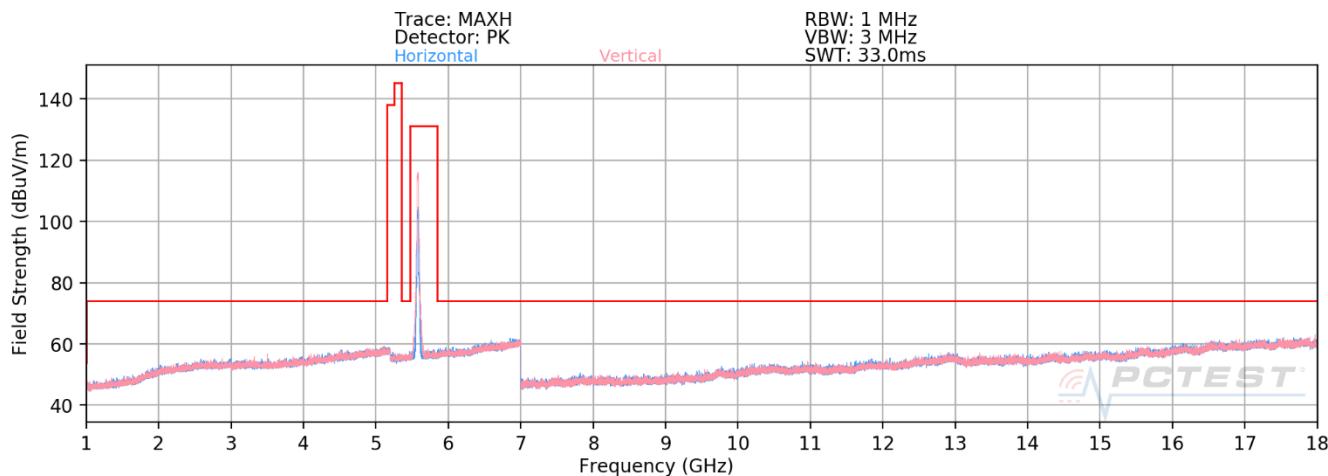

Plot 7-355. RSE above 1GHz Antenna 5b (11ax – Ch.100 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -81.24 | 20.21 | 45.97 | 53.98 | -8.01 |
| * 11000.00 | Peak | - | - | - | -68.89 | 20.21 | 58.32 | 73.98 | -15.66 |
| 16500.00 | Peak | - | - | - | -74.68 | 27.45 | 59.77 | 68.20 | -8.43 |

Table 7-101. Radiated Measurements Antenna 5b (RU242)

| | | | | |
|--|--|----------------------------|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | |



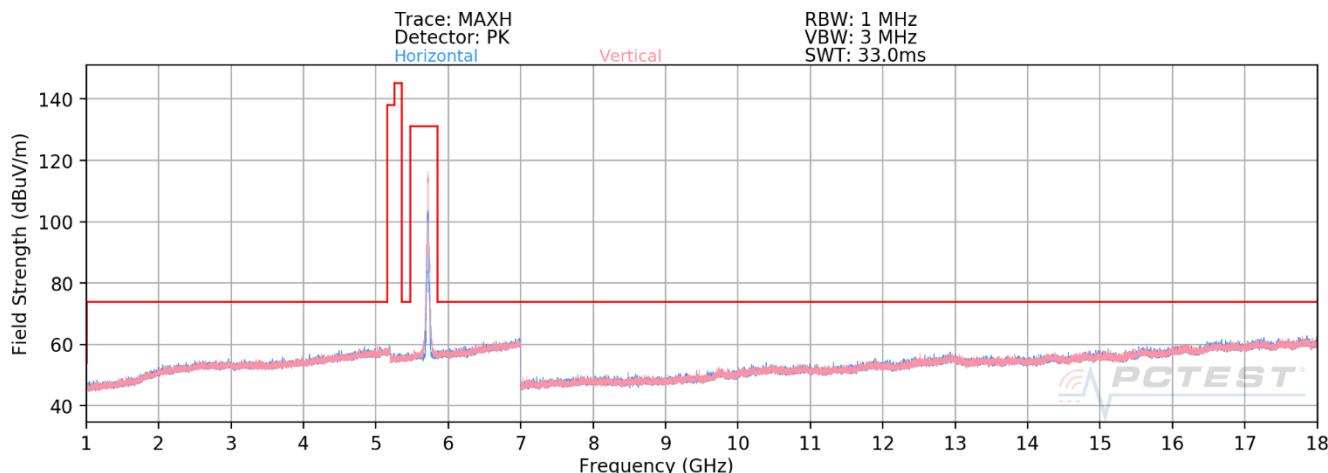
Plot 7-356. RSE above 1GHz Antenna 5b (11ax – Ch.116 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11160.00 | Average | - | - | - | -86.10 | 20.05 | 40.95 | 53.98 | -13.03 |
| * 11160.00 | Peak | - | - | - | -74.87 | 20.05 | 52.18 | 73.98 | -21.80 |
| 16740.00 | Peak | - | - | - | -74.88 | 27.22 | 59.34 | 68.20 | -8.86 |

Table 7-102. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 150 of 257 |

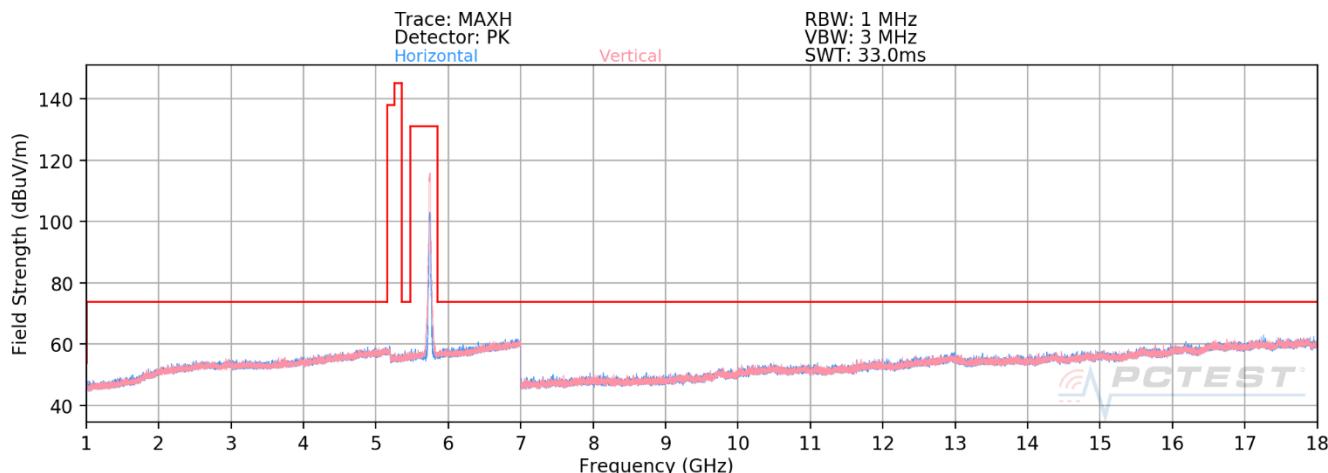

Plot 7-357. RSE above 1GHz Antenna 5b (11ax – Ch.144 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -85.94 | 20.70 | 41.76 | 53.98 | -12.22 |
| * 11440.00 | Peak | - | - | - | -74.87 | 20.70 | 52.83 | 73.98 | -21.15 |
| 17160.00 | Peak | - | - | - | -75.18 | 27.48 | 59.30 | 68.20 | -8.90 |

Table 7-103. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 151 of 257 |



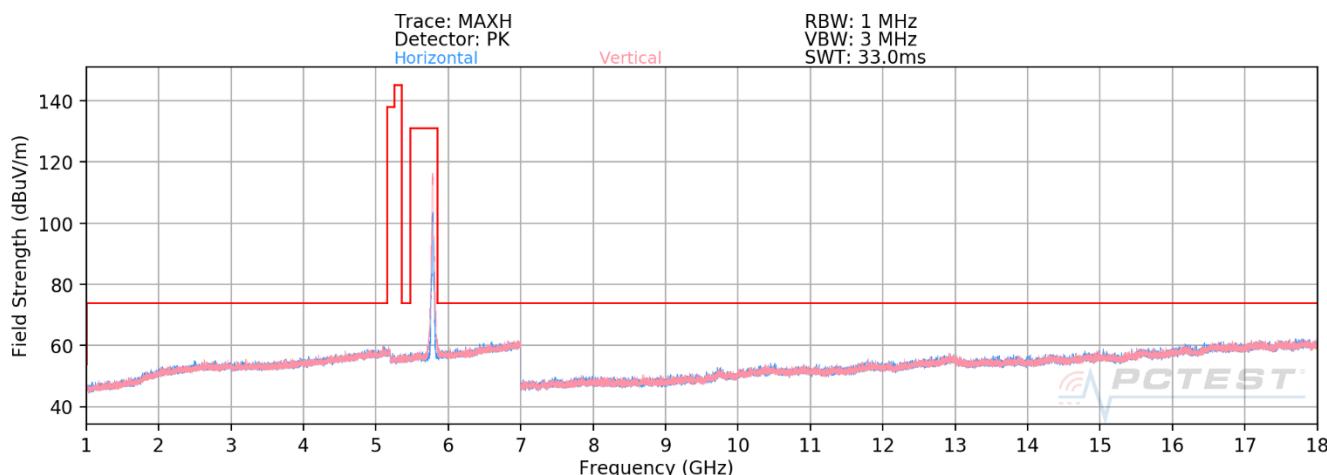
Plot 7-358. RSE above 1GHz Antenna 5b (11ax – Ch.149 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -85.57 | 20.60 | 42.03 | 53.98 | -11.95 |
| * 11490.00 | Peak | - | - | - | -73.68 | 20.60 | 53.92 | 73.98 | -20.06 |
| 17235.00 | Peak | - | - | - | -74.88 | 28.31 | 60.43 | 68.20 | -7.77 |

Table 7-104. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |

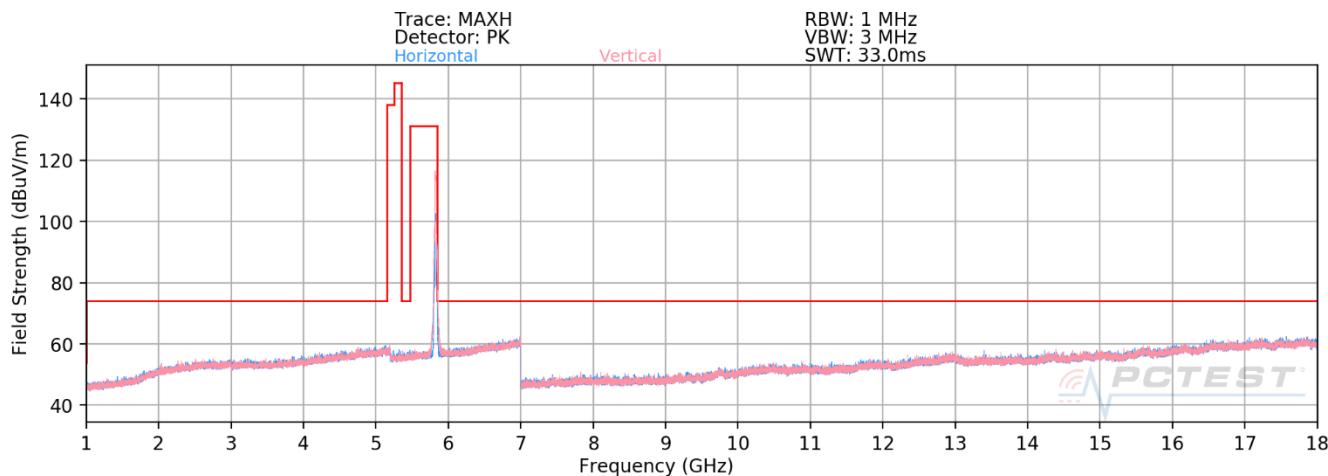

Plot 7-359. RSE above 1GHz Antenna 5b (11ax – Ch.157 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11570.00 | Average | - | - | - | -86.16 | 20.17 | 41.01 | 53.98 | -12.97 |
| * 11570.00 | Peak | - | - | - | -74.76 | 20.17 | 52.41 | 73.98 | -21.57 |
| 17355.00 | Peak | - | - | - | -75.26 | 28.62 | 60.36 | 68.20 | -7.84 |

Table 7-105. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 153 of 257 |



Plot 7-360. RSE above 1GHz Antenna 5b (11ax – Ch.165 – RU242)

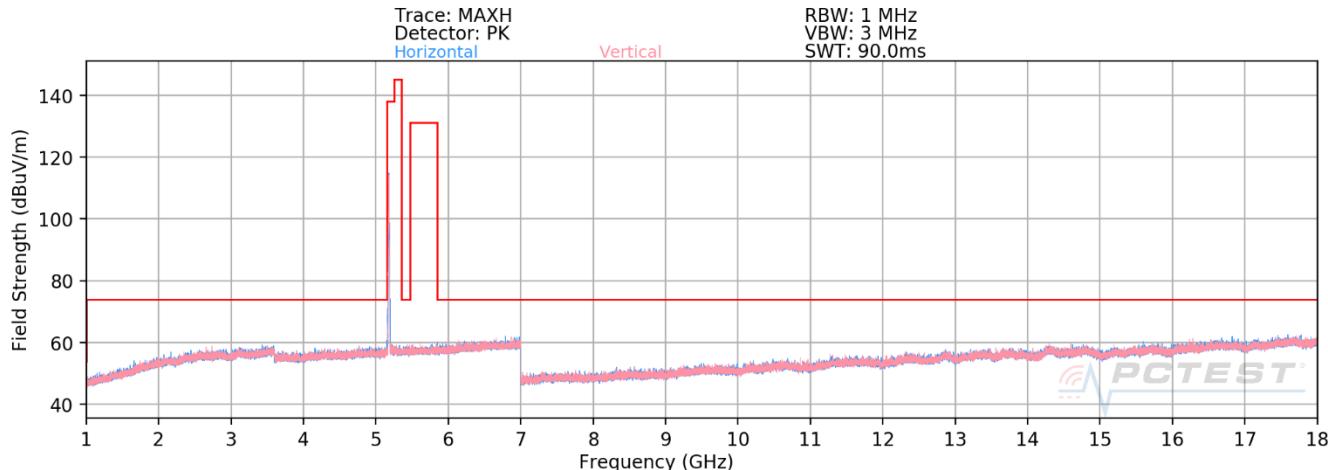
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

| 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 | - | - | - | -86.55 | 20.89 | 41.34 | 53.98 | -12.64 |
| * 11650.00 | Peak | - | - | - | -75.07 | 20.89 | 52.82 | 73.98 | -21.16 |
| 17475.00 | Peak | - | - | - | -75.04 | 28.32 | 60.28 | 68.20 | -7.92 |

Table 7-106. Radiated Measurements Antenna 5b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 154 of 257 |

7.6.2 Antenna 4b Radiated Spurious Emission

RU26


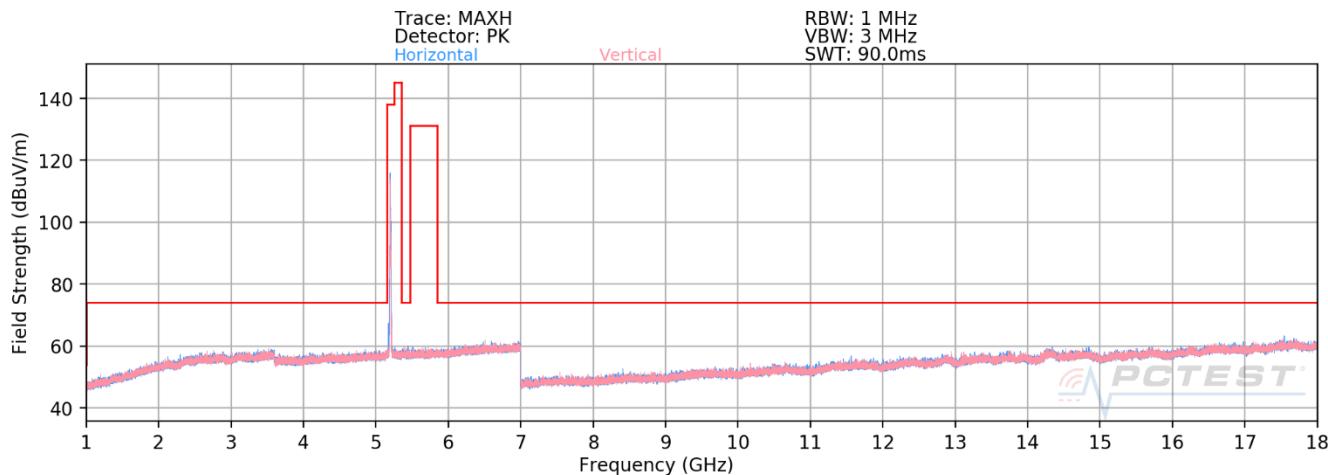
Plot 7-361. RSE above 1GHz Antenna 4b (11ax – Ch.36 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5180MHz
Channel: 36

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | V | 257 | 235 | -77.45 | 14.63 | 44.18 | 68.20 | -24.02 |
| * | Average | - | - | - | -82.03 | 20.83 | 45.80 | 53.98 | -8.18 |
| * | Peak | - | - | - | -69.04 | 20.83 | 58.79 | 73.98 | -15.19 |

Table 7-107. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



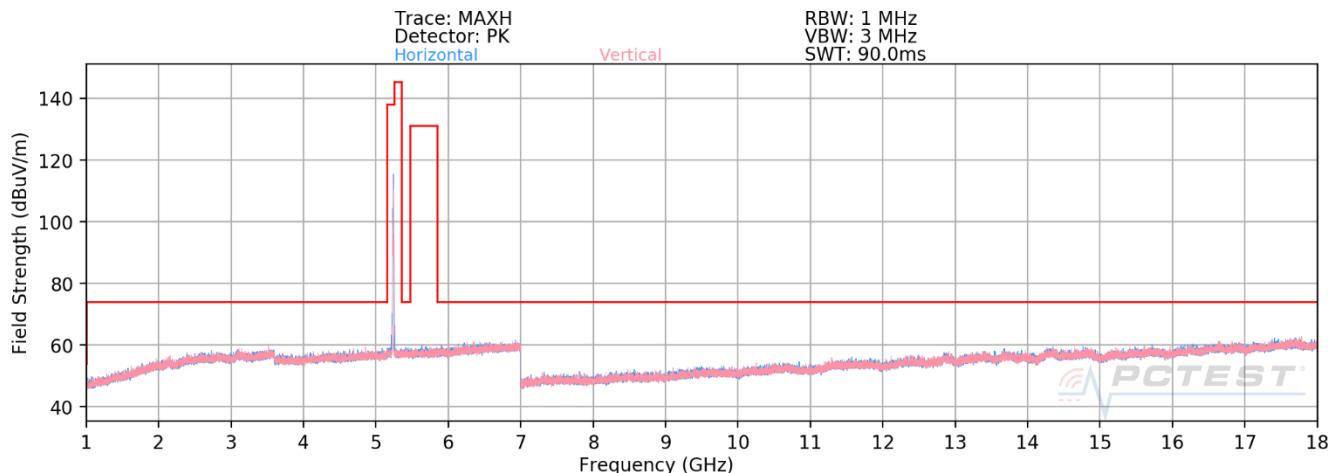
Plot 7-362. RSE above 1GHz Antenna 4b (11ax – Ch.40 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10400.00 | Peak | V | 256 | 235 | -78.29 | 14.86 | 43.57 | 68.20 | -24.63 |
| * 15600.00 | Average | - | - | - | -81.99 | 20.93 | 45.94 | 53.98 | -8.04 |
| * 15600.00 | Peak | - | - | - | -68.94 | 20.93 | 58.99 | 73.98 | -14.99 |

Table 7-108. Radiated Measurements Antenna 4b (RU26)

| | | | | |
|--|--|----------------------------|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | |



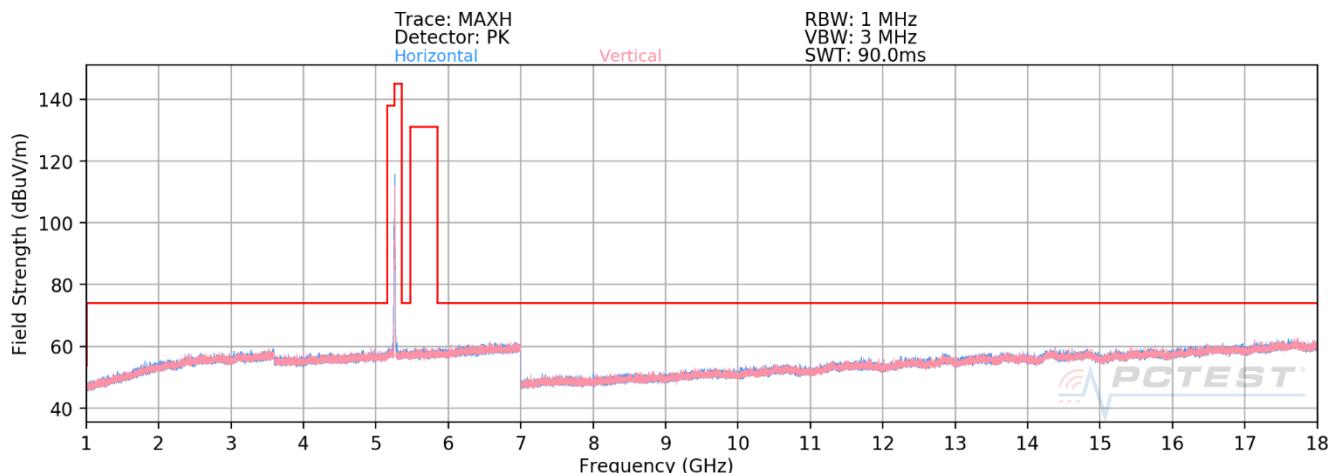
Plot 7-363. RSE above 1GHz Antenna 4b (11ax – Ch.48 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | V | 260 | 237 | -79.16 | 15.44 | 43.28 | 68.20 | -24.92 |
| * 15720.00 | Average | - | - | - | -82.41 | 21.31 | 45.90 | 53.98 | -8.07 |
| * 15720.00 | Peak | - | - | - | -69.55 | 21.31 | 58.76 | 73.98 | -15.21 |

Table 7-109. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 157 of 257 |



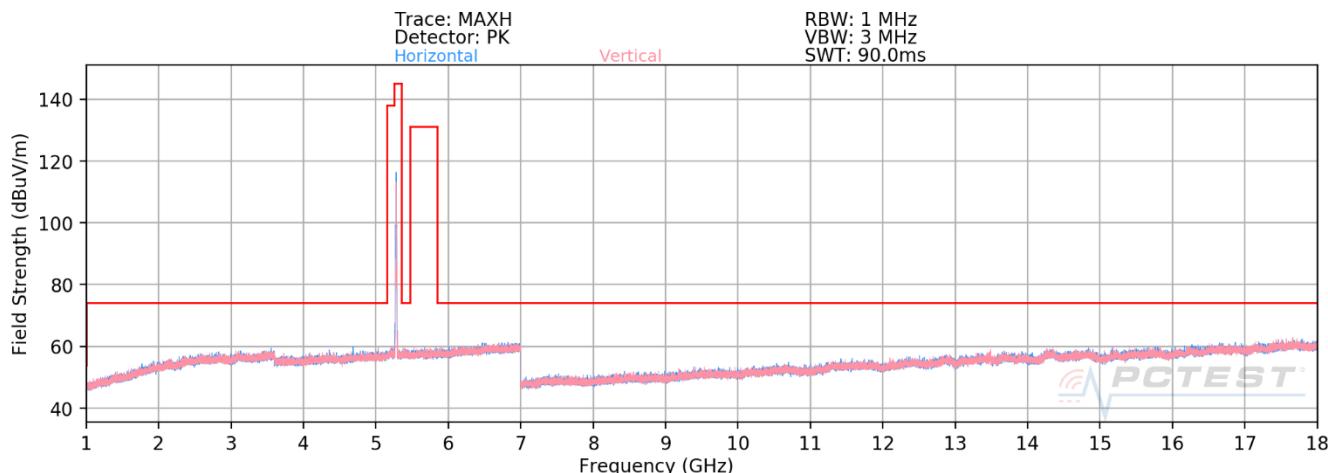
Plot 7-364. RSE above 1GHz Antenna 4b (11ax – Ch.52 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5260MHz
Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | V | 264 | 237 | -78.72 | 15.28 | 43.56 | 68.20 | -24.64 |
| * 15780.00 | Average | - | - | - | -82.26 | 20.92 | 45.66 | 53.98 | -8.32 |
| * 15780.00 | Peak | - | - | - | -70.05 | 20.92 | 57.87 | 73.98 | -16.11 |

Table 7-110. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



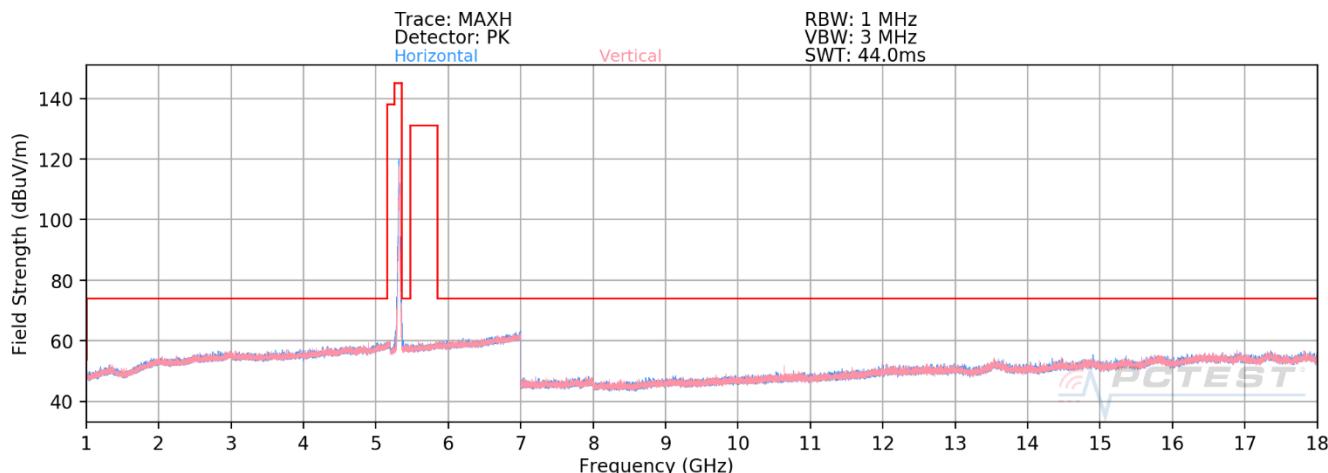
Plot 7-365. RSE above 1GHz Antenna 4b (11ax – Ch.56 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00 | Peak | - | - | - | -67.13 | 15.25 | 55.12 | 68.20 | -13.08 |
| * 15840.00 | Average | - | - | - | -82.16 | 20.96 | 45.80 | 53.98 | -8.18 |
| * 15840.00 | Peak | - | - | - | -69.25 | 20.96 | 58.71 | 73.98 | -15.27 |

Table 7-111. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



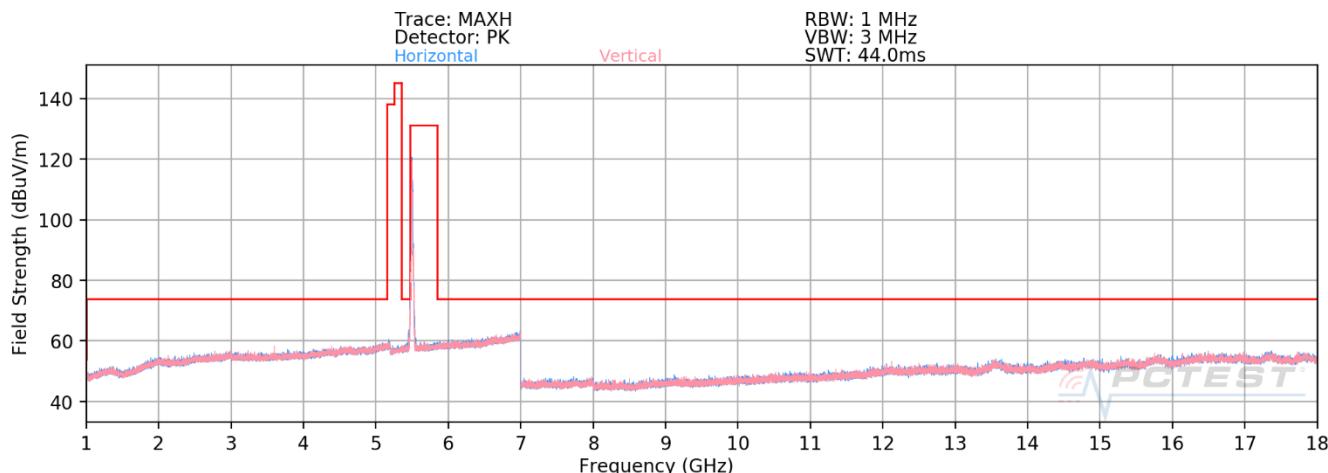
Plot 7-366. RSE above 1GHz Antenna 4b (11ax – Ch.64 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] | |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|--------|
| * | 10640.00 | Average | V | 256 | 236 | -82.60 | 14.23 | 38.63 | 53.98 | -15.35 |
| * | 10640.00 | Peak | V | 256 | 236 | -71.07 | 14.23 | 50.16 | 73.98 | -23.82 |
| * | 15960.00 | Average | - | - | - | -85.95 | 21.20 | 42.25 | 53.98 | -11.73 |
| * | 15960.00 | Peak | - | - | - | -74.32 | 21.20 | 53.88 | 73.98 | -20.10 |

Table 7-112. Radiated Measurements Antenna 4b (RU26)

| | | | |
|--|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | Page 160 of 257 |



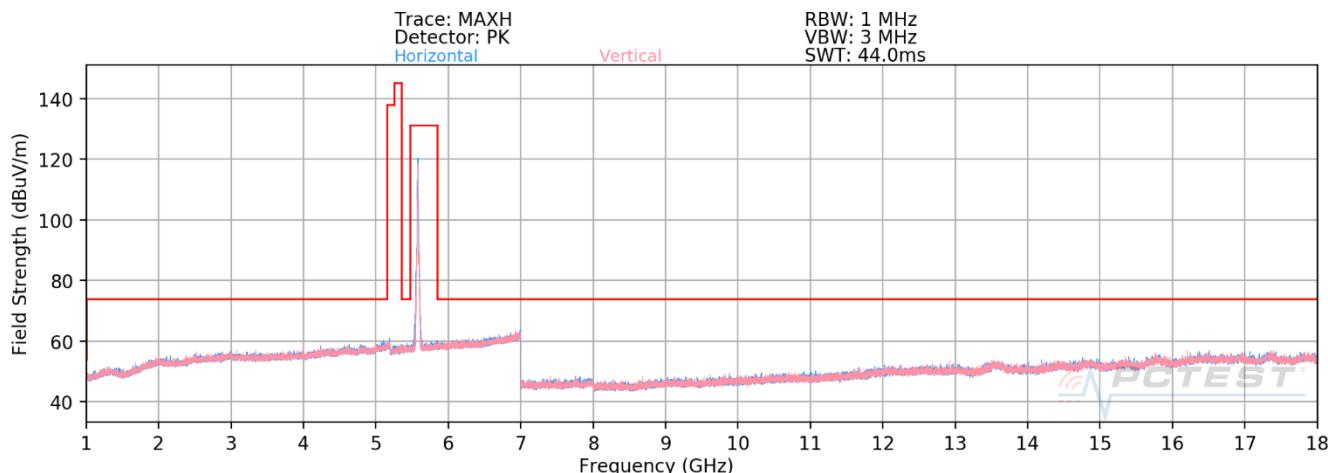
Plot 7-367. RSE above 1GHz Antenna 4b (11ax – Ch.100 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11000.00 | Average | - | - | - | -83.98 | 15.07 | 38.09 | 53.98 | -15.89 |
| * 11000.00 | Peak | - | - | - | -72.23 | 15.07 | 49.84 | 73.98 | -24.14 |
| 16500.00 | Peak | - | - | - | -72.82 | 21.13 | 55.31 | 68.20 | -12.89 |

Table 7-113. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |

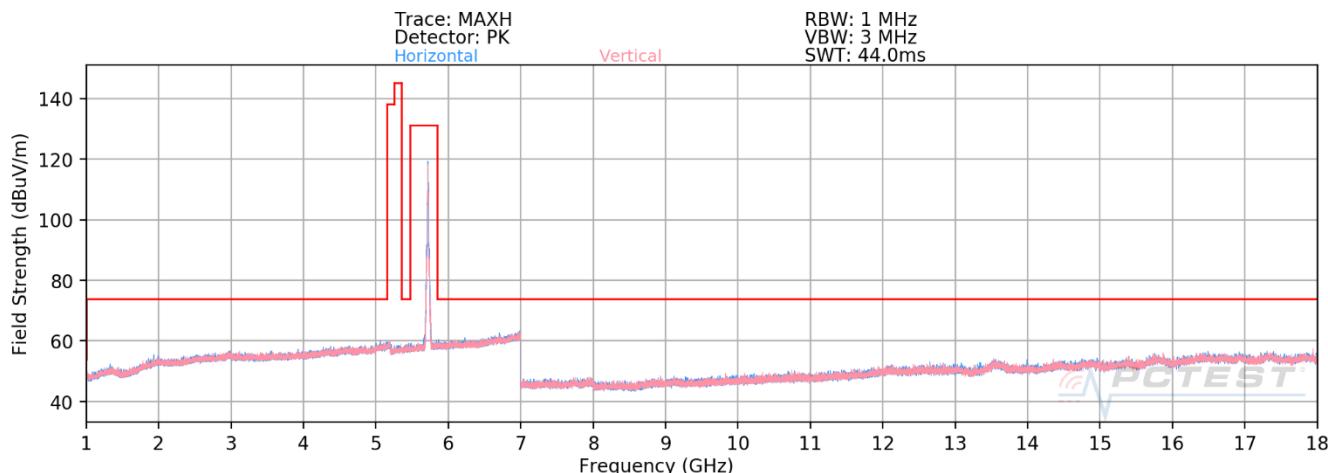

Plot 7-368. RSE above 1GHz Antenna 4b (11ax – Ch.116 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5580MHz
Channel: 116

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11160.00 | Average | - | - | - | -84.05 | 15.10 | 38.05 | 53.98 | -15.93 |
| * 11160.00 | Peak | - | - | - | -72.54 | 15.10 | 49.56 | 73.98 | -24.42 |
| 16740.00 | Peak | - | - | - | -74.27 | 22.34 | 55.07 | 68.20 | -13.13 |

Table 7-114. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



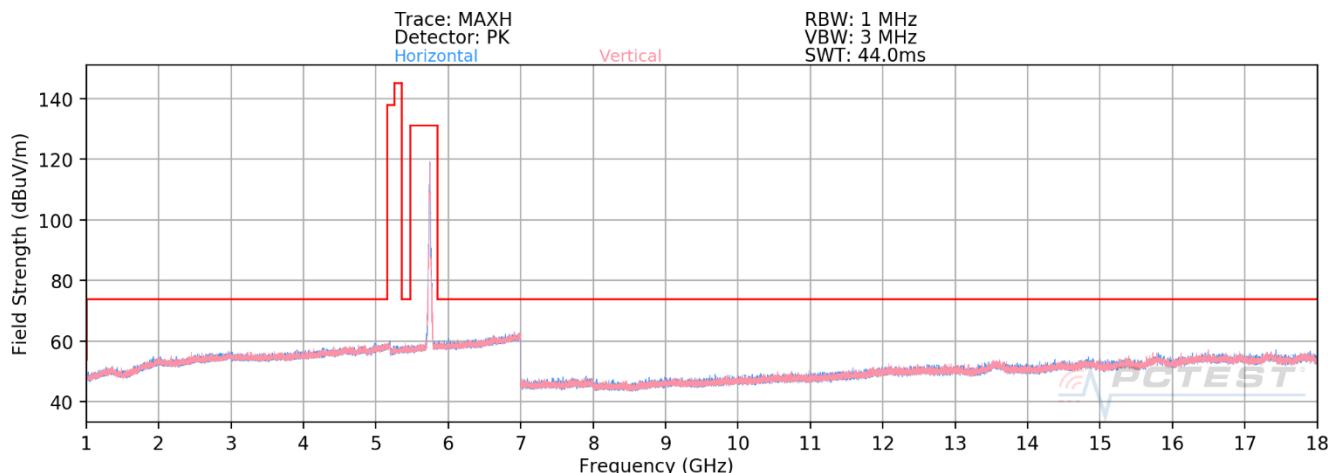
Plot 7-369. RSE above 1GHz Antenna 4b (11ax – Ch.144 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5720MHz
Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11440.00 | Average | - | - | - | -84.28 | 15.84 | 38.56 | 53.98 | -15.42 |
| * 11440.00 | Peak | - | - | - | -72.19 | 15.84 | 50.65 | 73.98 | -23.33 |
| 17160.00 | Peak | - | - | - | -73.29 | 21.24 | 54.95 | 68.20 | -13.25 |

Table 7-115. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 163 of 257 |



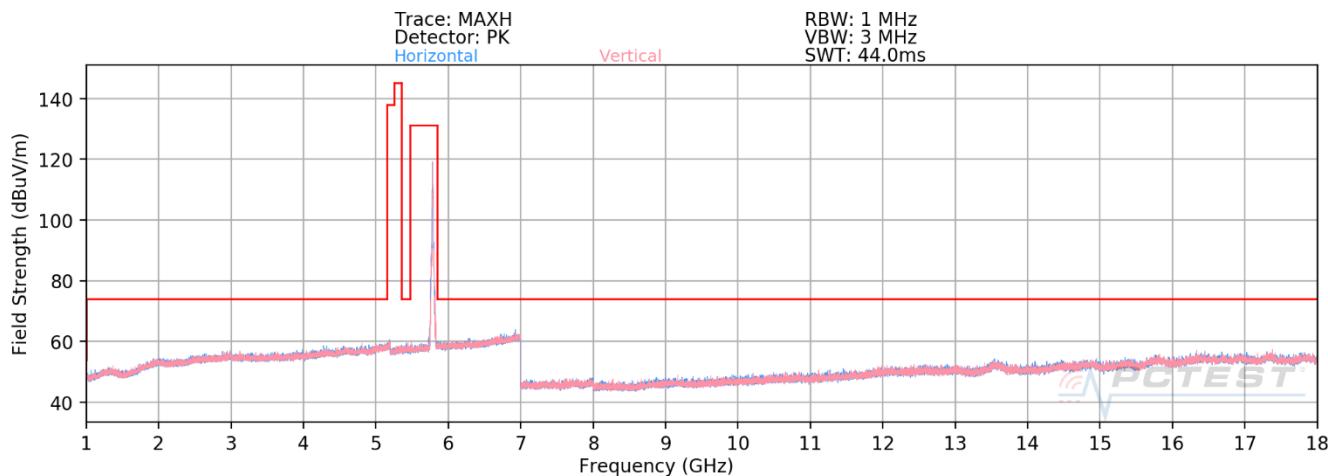
Plot 7-370. RSE above 1GHz Antenna 4b (11ax – Ch.149 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5745MHz
Channel: 149

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11490.00 | Average | - | - | - | -84.46 | 15.68 | 38.22 | 53.98 | -15.76 |
| * 11490.00 | Peak | - | - | - | -72.83 | 15.68 | 49.85 | 73.98 | -24.13 |
| 17235.00 | Peak | - | - | - | -73.65 | 21.52 | 54.87 | 68.20 | -13.33 |

Table 7-116. Radiated Measurements Antenna 4b (RU26)

| | | | | |
|--|---|----------------------------|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | |



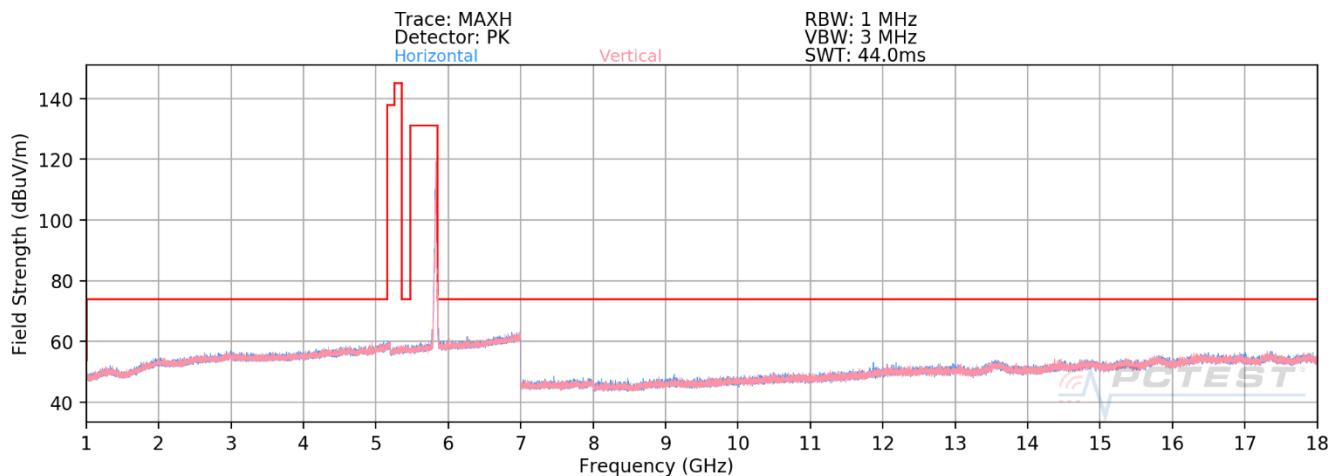
Plot 7-371. RSE above 1GHz Antenna 4b (11ax – Ch.157 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5785MHz
Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11570.00 | Average | - | - | - | -84.25 | 16.42 | 39.17 | 53.98 | -14.81 |
| * 11570.00 | Peak | - | - | - | -72.53 | 16.42 | 50.89 | 73.98 | -23.09 |
| 17355.00 | Peak | - | - | - | -73.35 | 22.57 | 56.22 | 68.20 | -11.98 |

Table 7-117. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 165 of 257 |


Plot 7-372. RSE above 1GHz Antenna 4b (11ax – Ch.165 – RU26)

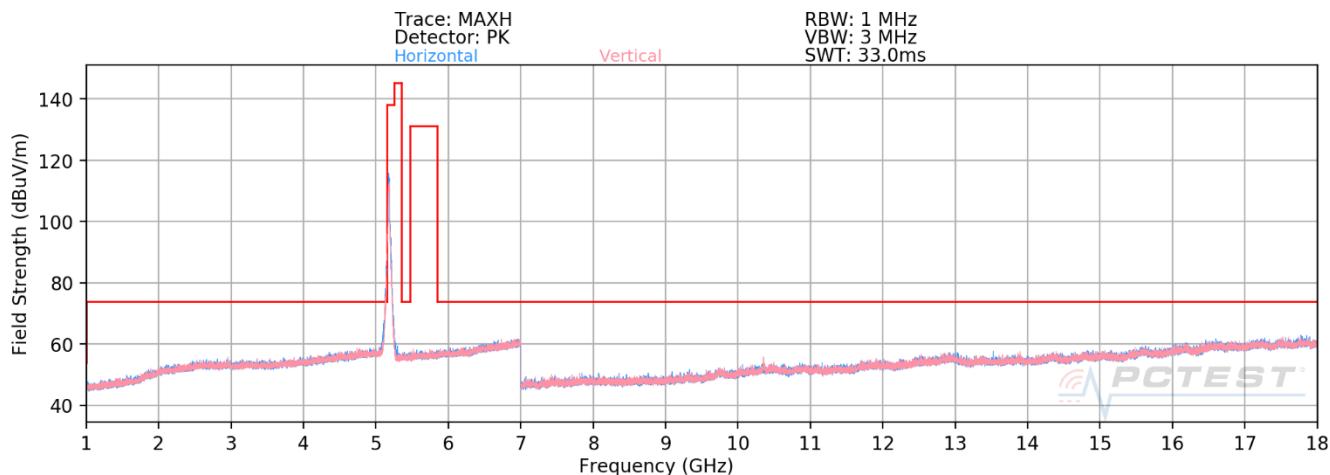
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11650.00 | Average | - | - | - | -84.17 | 16.07 | 38.90 | 53.98 | -15.07 |
| * 11650.00 | Peak | - | - | - | -72.46 | 16.07 | 50.61 | 73.98 | -23.36 |
| 17475.00 | Peak | - | - | - | -73.23 | 21.61 | 55.38 | 68.20 | -12.82 |

Table 7-118. Radiated Measurements Antenna 4b (RU26)

| | | | | | |
|--|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |

RU242



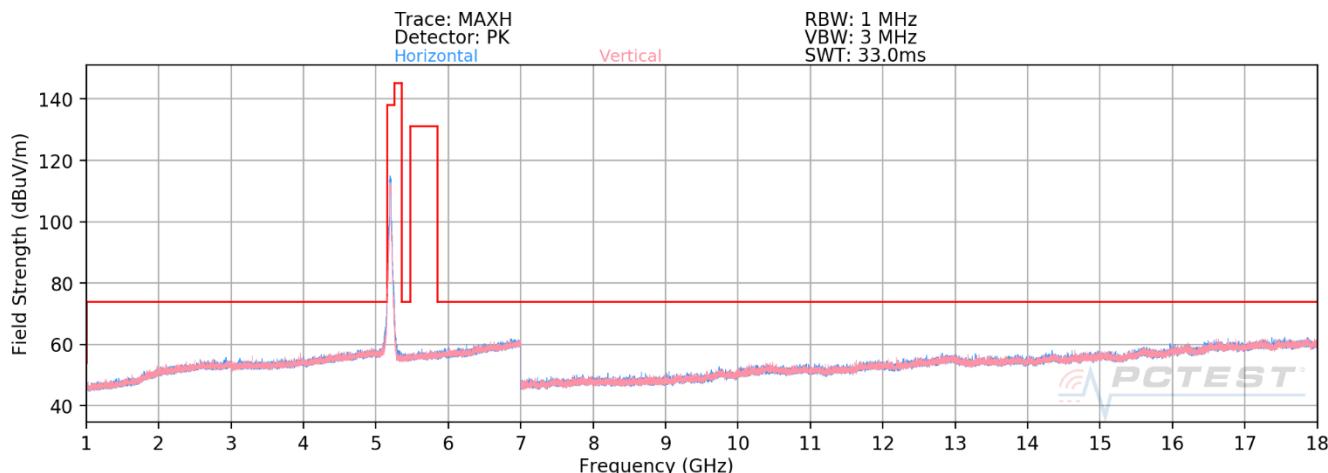
Plot 7-373. RSE above 1GHz Antenna 4b (11ax – Ch.36 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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 | 245 | 239 | -70.17 | 18.98 | 55.81 | 68.20 | -12.39 |
| * 15540.00 | Average | - | - | - | -86.63 | 25.86 | 46.23 | 53.98 | -7.75 |
| * 15540.00 | Peak | - | - | - | -75.51 | 25.86 | 57.35 | 73.98 | -16.63 |

Table 7-119. Radiated Measurements Antenna 4b (RU242)

| | | | | |
|--|---|----------------------------|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | |



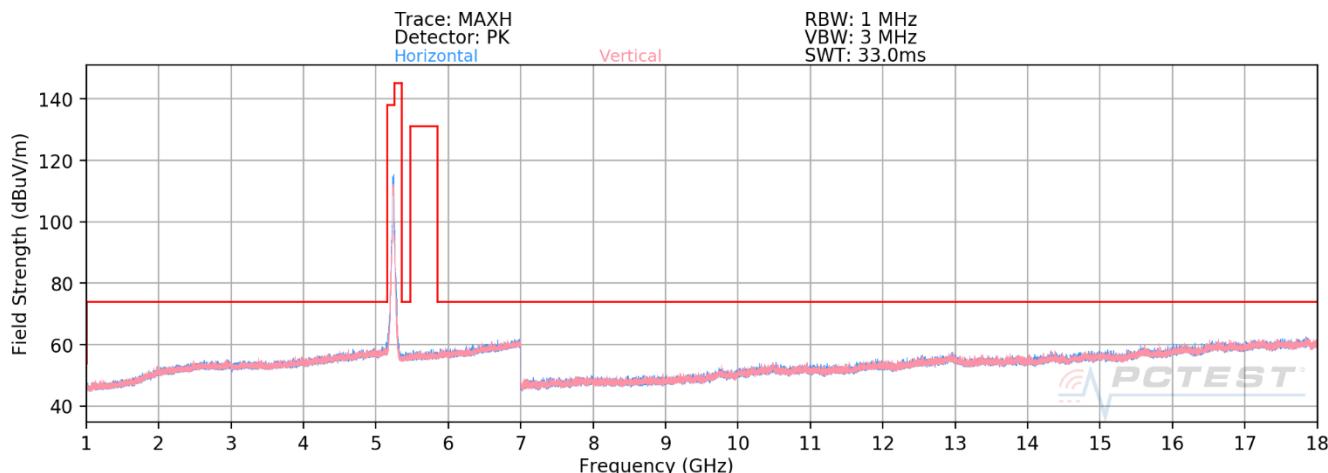
Plot 7-374. RSE above 1GHz Antenna 4b (11ax – Ch.40 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | 261 | 242 | -70.70 | 18.98 | 55.28 | 68.20 | -12.92 |
| 15600.00 | Average | - | - | - | -86.11 | 26.01 | 46.90 | 53.98 | -7.08 |
| 15600.00 | Peak | - | - | - | -74.67 | 26.01 | 58.34 | 73.98 | -15.64 |

Table 7-120. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



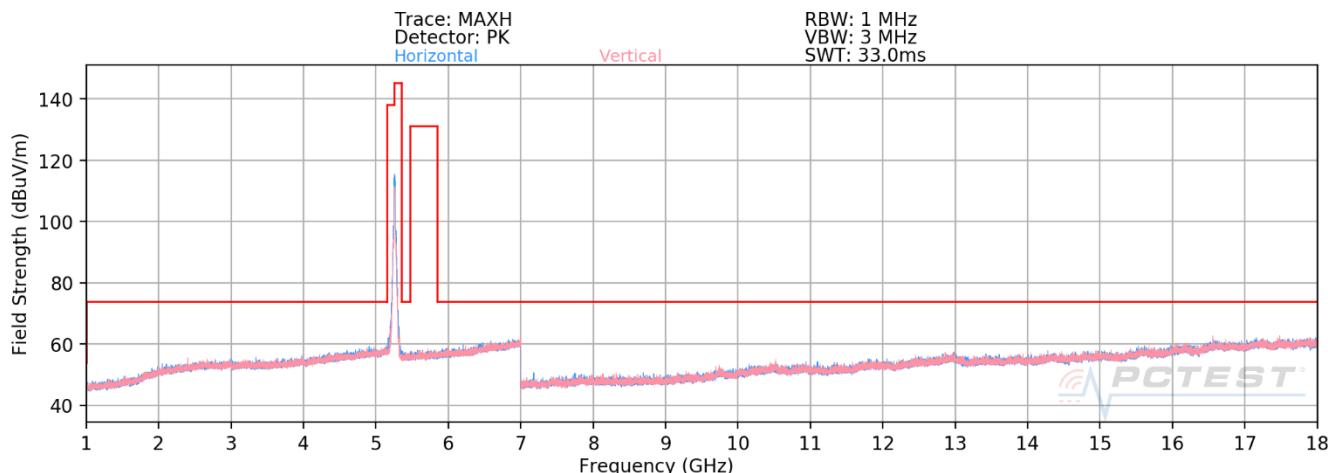
Plot 7-375. RSE above 1GHz Antenna 4b (11ax – Ch.48 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | 261 | 236 | -71.25 | 20.08 | 55.83 | 68.20 | -12.37 |
| * 15720.00 | Average | - | - | - | -86.10 | 25.49 | 46.39 | 53.98 | -7.59 |
| * 15720.00 | Peak | - | - | - | -75.50 | 25.49 | 56.99 | 73.98 | -16.99 |

Table 7-121. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 169 of 257 |



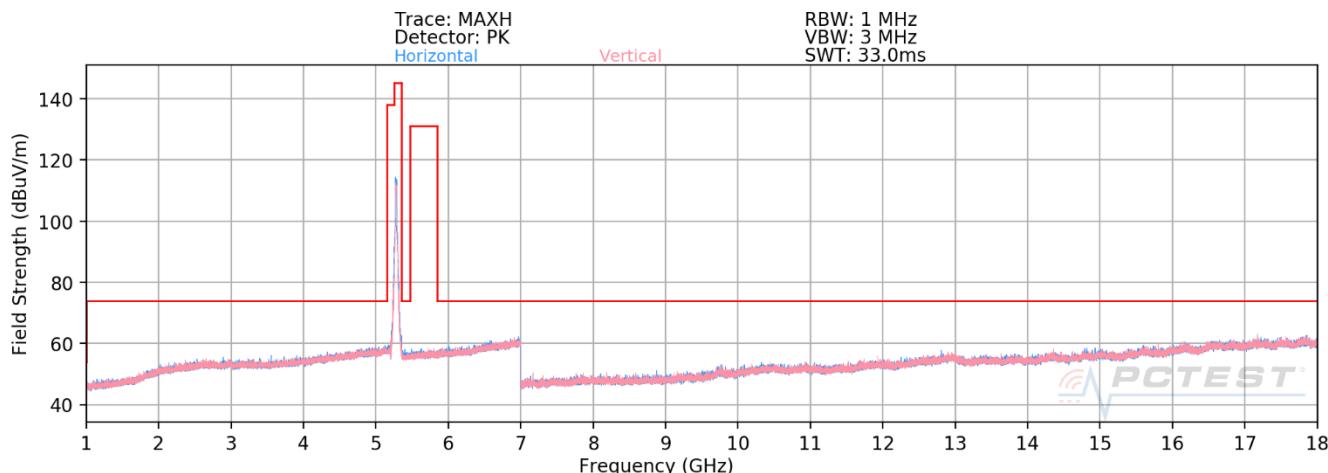
Plot 7-376. RSE above 1GHz Antenna 4b (11ax – Ch.52 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10520.00 | Peak | V | 257 | 236 | -70.95 | 20.07 | 56.12 | 68.20 | -12.08 |
| * 15780.00 | Average | - | - | - | -86.63 | 25.89 | 46.26 | 53.98 | -7.72 |
| * 15780.00 | Peak | - | - | - | -75.34 | 25.89 | 57.55 | 73.98 | -16.43 |

Table 7-122. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |

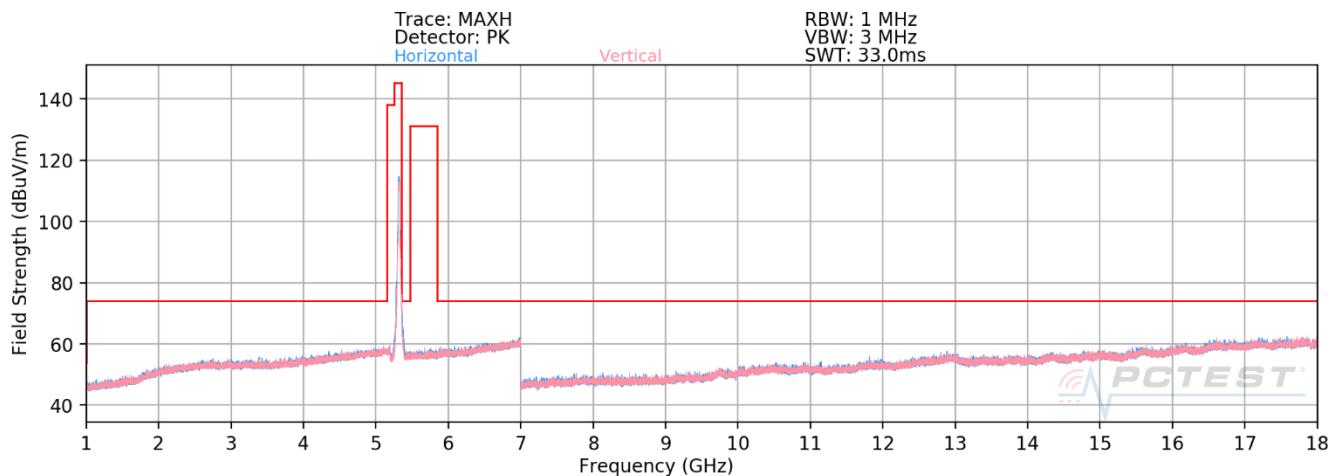

Plot 7-377. RSE above 1GHz Antenna 4b (11ax – Ch.56 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10549.00 | Peak | V | 261 | 236 | -73.25 | 19.82 | 53.57 | 68.20 | -14.63 |
| * 15840.00 | Average | - | - | - | -86.53 | 25.88 | 46.35 | 53.98 | -7.63 |
| * 15840.00 | Peak | - | - | - | -74.90 | 25.88 | 57.98 | 73.98 | -16.00 |

Table 7-123. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



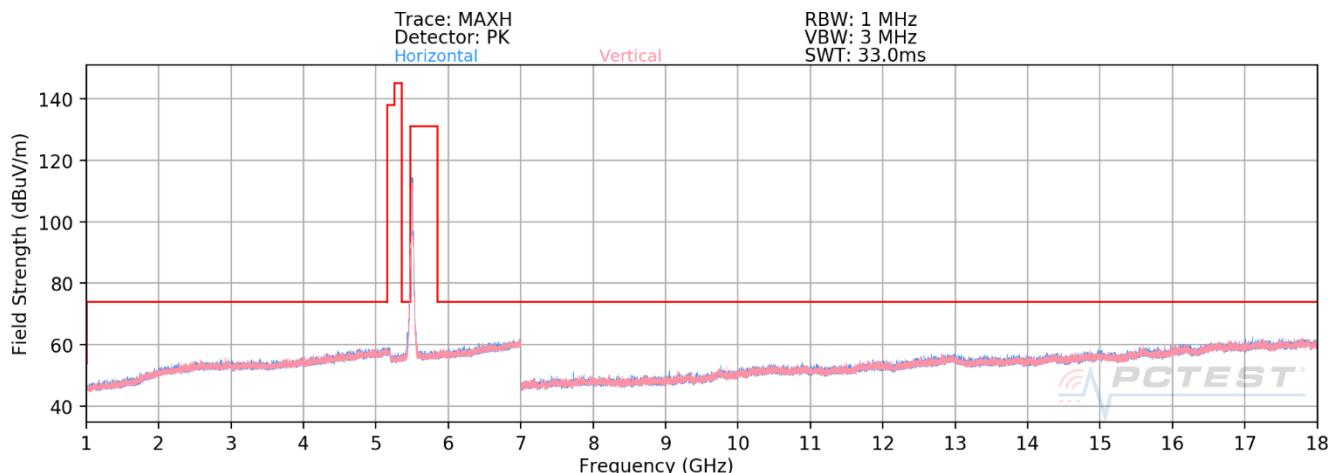
Plot 7-378. RSE above 1GHz Antenna 4b (11ax – Ch.64 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | 257 | 236 | -83.64 | 19.75 | 43.11 | 53.98 | -10.87 |
| * 10640.00 | Peak | V | 257 | 236 | -72.48 | 19.75 | 54.27 | 73.98 | -19.71 |
| * 15960.00 | Average | - | - | - | -86.49 | 26.10 | 46.61 | 53.98 | -7.37 |
| * 15960.00 | Peak | - | - | - | -75.25 | 26.10 | 57.85 | 73.98 | -16.13 |

Table 7-124. Radiated Measurements Antenna 4b (RU242)

| | | | |
|--|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | Page 172 of 257 |



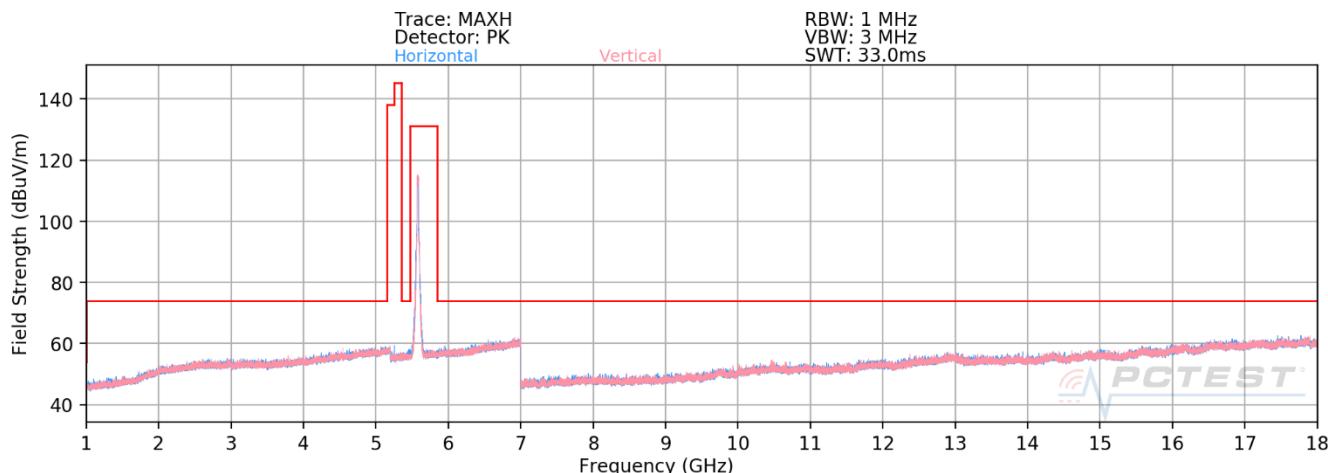
Plot 7-379. RSE above 1GHz Antenna 4b (11ax – Ch.100 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -85.77 | 19.81 | 41.04 | 53.98 | -12.94 |
| * 11000.00 | Peak | - | - | - | -74.88 | 19.81 | 51.93 | 73.98 | -22.05 |
| 16500.00 | Peak | - | - | - | -74.65 | 26.65 | 59.00 | 68.20 | -9.20 |

Table 7-125. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



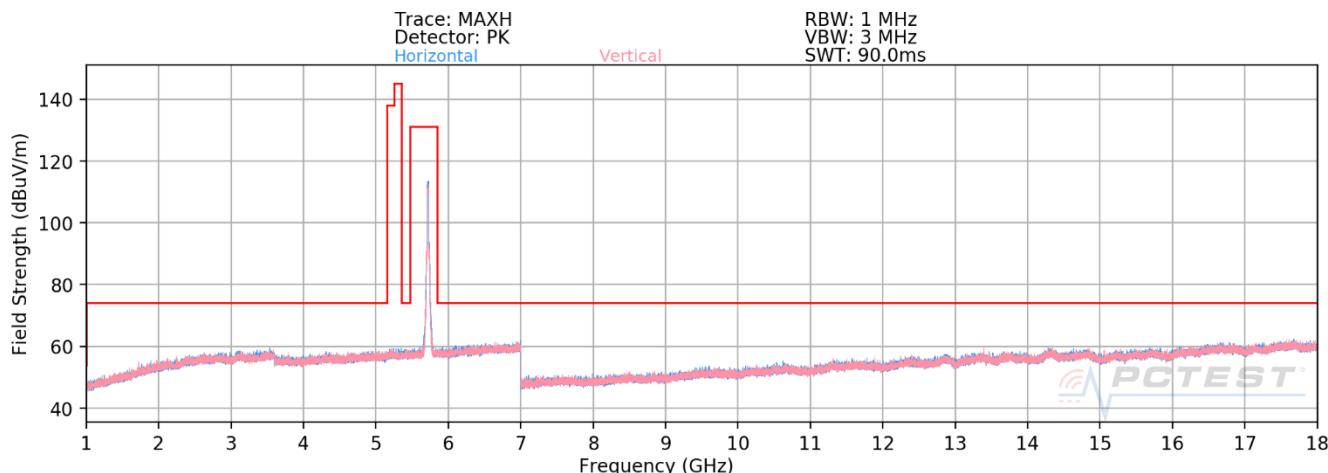
Plot 7-380. RSE above 1GHz Antenna 4b (11ax – Ch.116 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -85.94 | 19.81 | 40.87 | 53.98 | -13.11 |
| * 11160.00 | Peak | - | - | - | -75.14 | 19.81 | 51.67 | 73.98 | -22.31 |
| 16740.00 | Peak | - | - | - | -74.30 | 27.07 | 59.77 | 68.20 | -8.43 |

Table 7-126. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



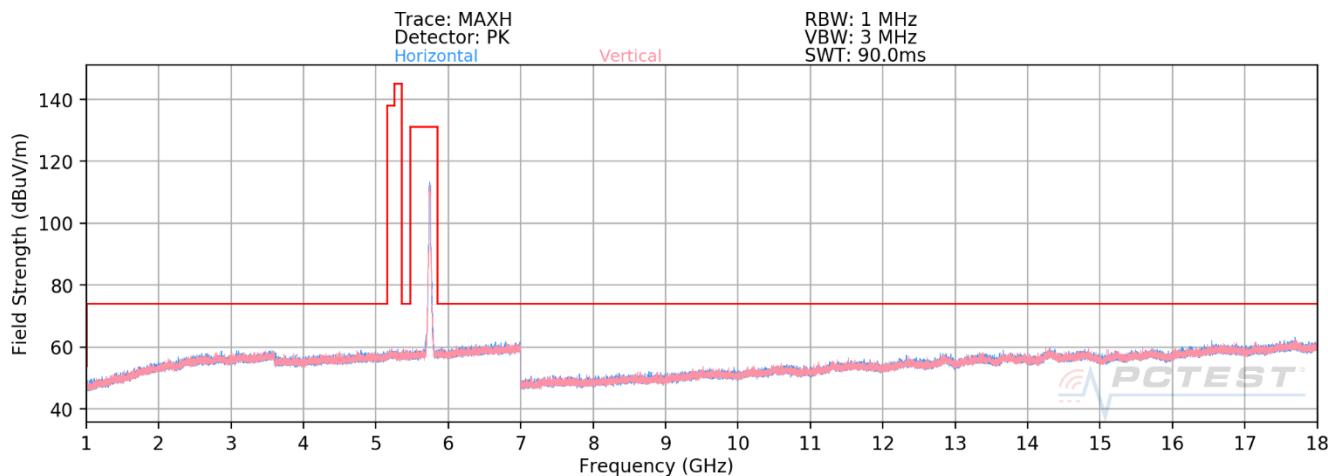
Plot 7-381. RSE above 1GHz Antenna 4b (11ax – Ch.144 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 | - | - | - | -79.72 | 16.23 | 43.51 | 53.98 | -10.47 |
| * 11440.00 | Peak | - | - | - | -67.81 | 16.23 | 55.42 | 73.98 | -18.56 |
| 17160.00 | Peak | - | - | - | -68.37 | 23.09 | 61.72 | 68.20 | -6.48 |

Table 7-127. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 175 of 257 |



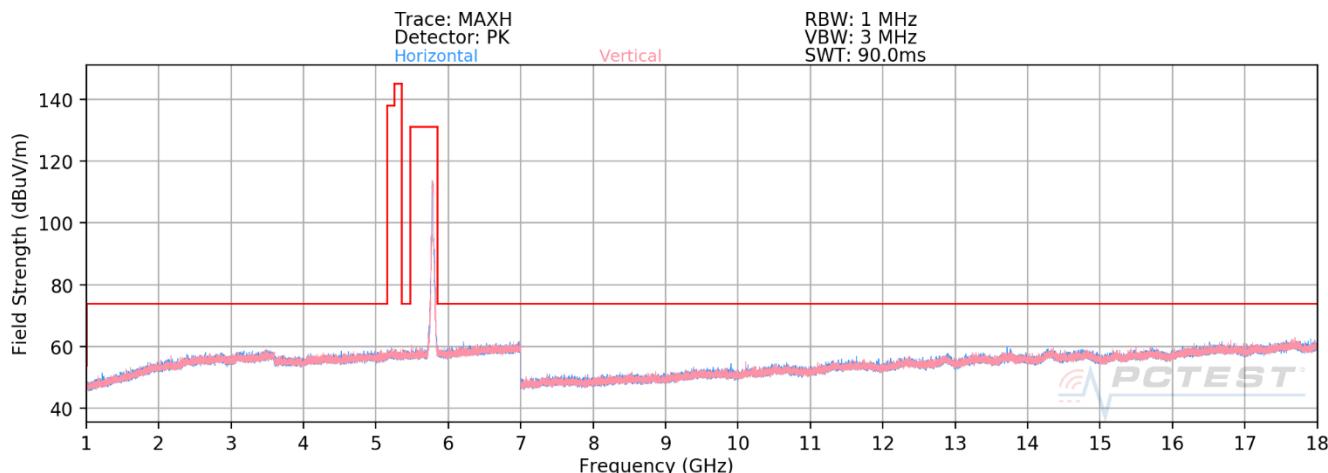
Plot 7-382. RSE above 1GHz Antenna 4b (11ax – Ch.149 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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 | - | - | - | -81.16 | 16.66 | 42.50 | 53.98 | -11.48 |
| * 11490.00 | Peak | - | - | - | -68.75 | 16.66 | 54.91 | 73.98 | -19.07 |
| 17235.00 | Peak | - | - | - | -71.10 | 22.96 | 58.86 | 68.20 | -9.34 |

Table 7-128. Radiated Measurements Antenna 4b (RU242)

| | | | |
|--|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 | PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | Page 176 of 257 |

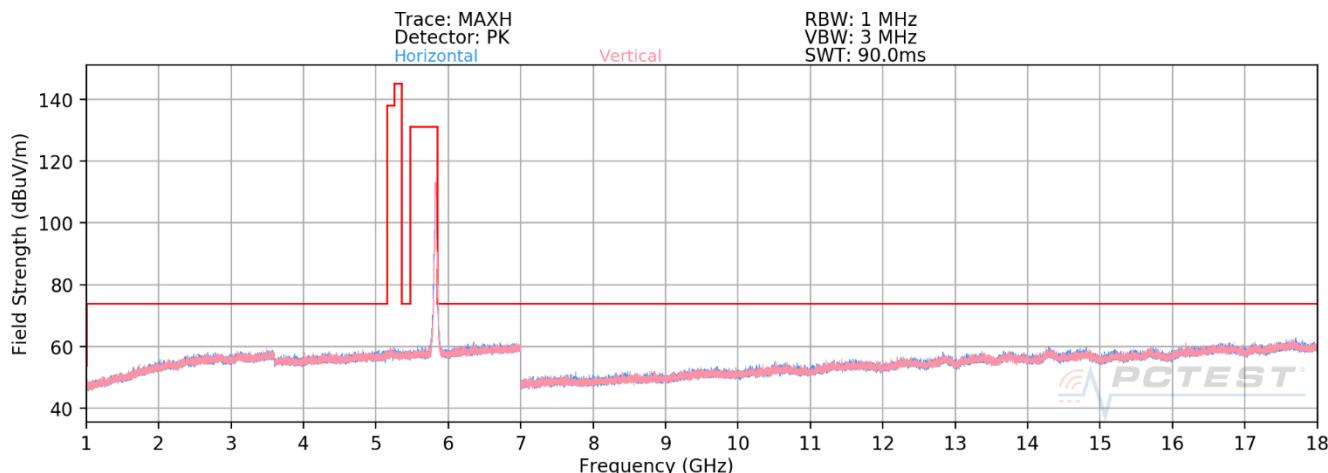

Plot 7-383. RSE above 1GHz Antenna 4b (11ax – Ch.157 – RU242)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11570.00 | Average | - | - | - | -81.44 | 16.73 | 42.29 | 53.98 | -11.69 |
| * 11570.00 | Peak | - | - | - | -69.27 | 16.73 | 54.46 | 73.98 | -19.52 |
| 17355.00 | Peak | - | - | - | -69.43 | 23.30 | 60.87 | 68.20 | -7.33 |

Table 7-129. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 177 of 257 |



Plot 7-384. RSE above 1GHz Antenna 4b (11ax – Ch.165 – RU242)

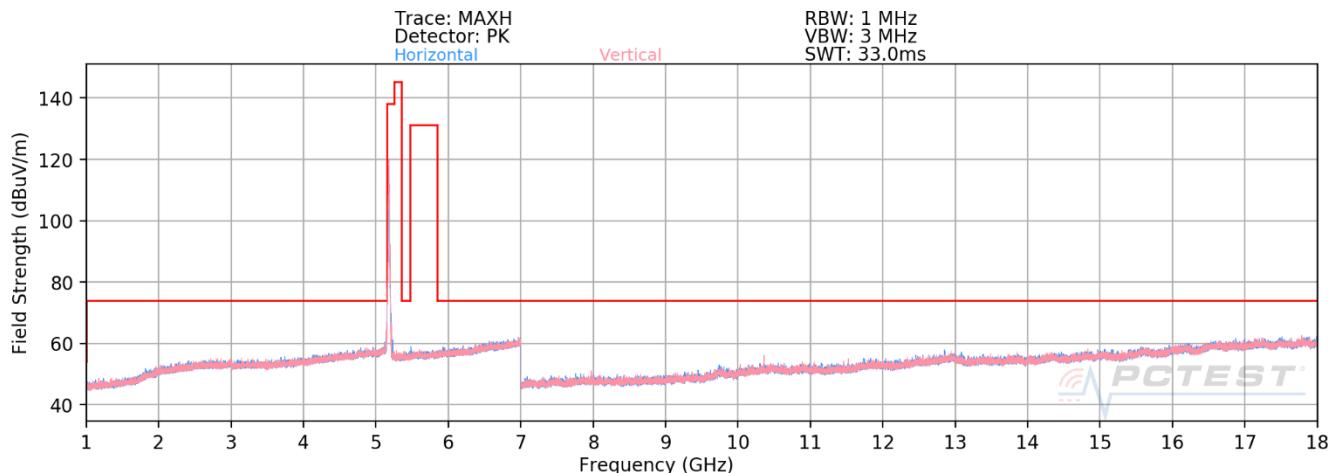
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

| 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 | - | - | - | -79.70 | 16.58 | 43.88 | 53.98 | -10.10 |
| * 11650.00 | Peak | - | - | - | -69.02 | 16.58 | 54.56 | 73.98 | -19.42 |
| 17475.00 | Peak | - | - | - | -70.11 | 24.02 | 60.91 | 68.20 | -7.29 |

Table 7-130. Radiated Measurements Antenna 4b (RU242)

| | | | | | |
|--|---|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |

7.6.3 CDD/SDM Radiated Spurious Emissions

RU26


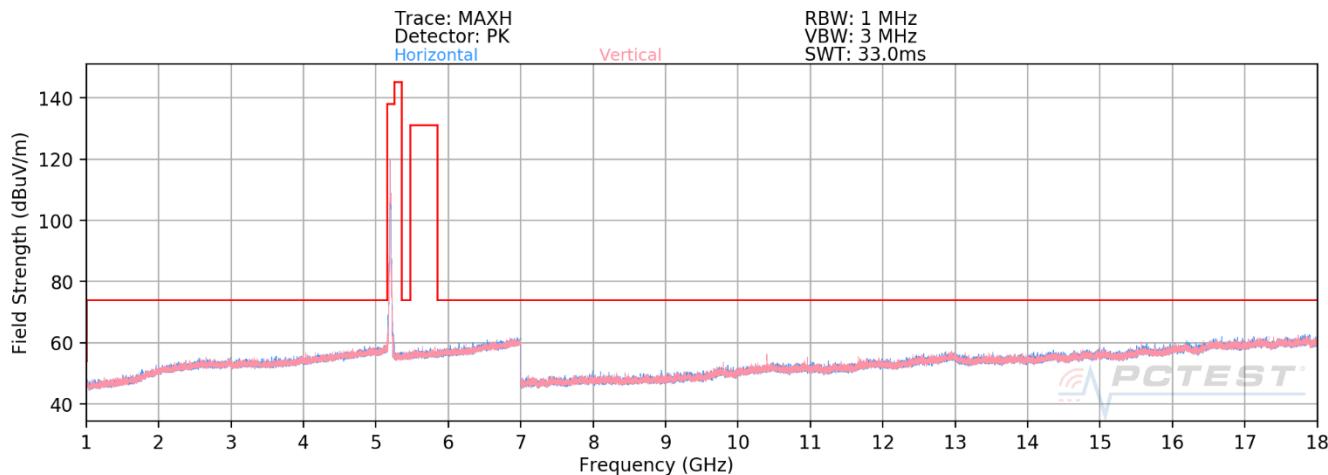
Plot 7-385. RSE above 1GHz SDM (11ax – Ch.36 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5180MHz
Channel: 36

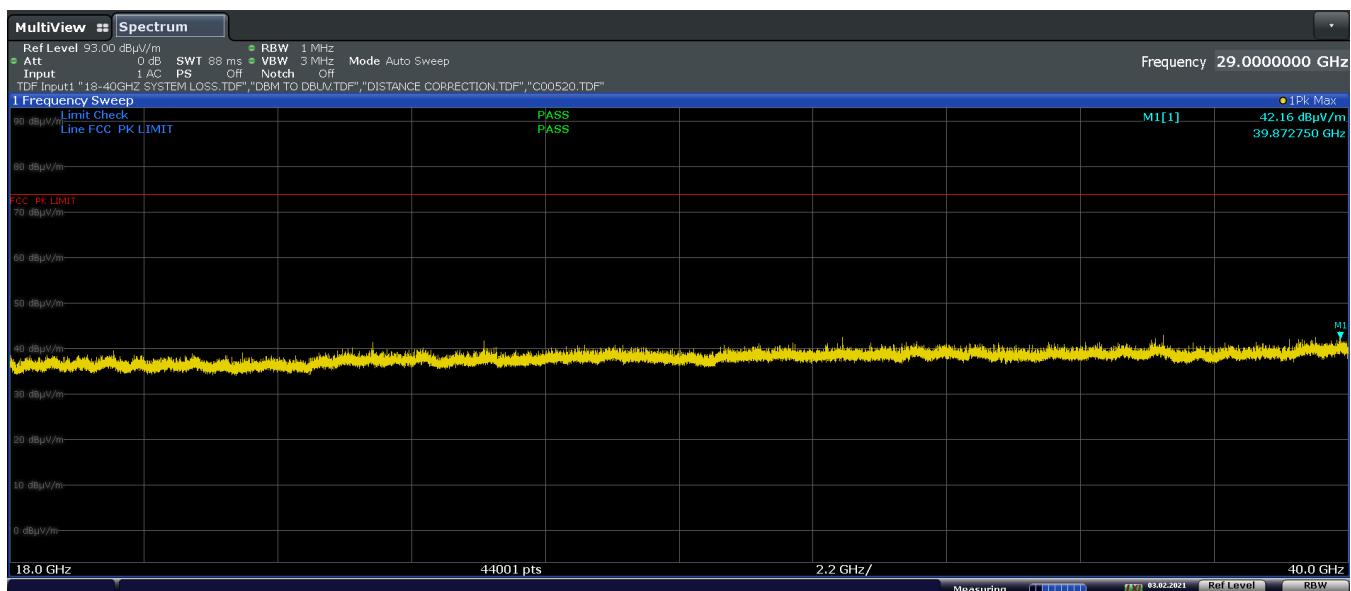
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10360.00 | Peak | V | 241 | 226 | -68.17 | 18.98 | 57.81 | 68.20 | -10.39 |
| * | Average | V | 323 | 325 | -84.89 | 25.86 | 47.97 | 53.98 | -6.01 |
| * | Peak | V | 323 | 325 | -73.70 | 25.86 | 59.16 | 73.98 | -14.82 |

Table 7-131. Radiated Measurements SDM (RU26)

| | | | | | |
|--|--|----------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |

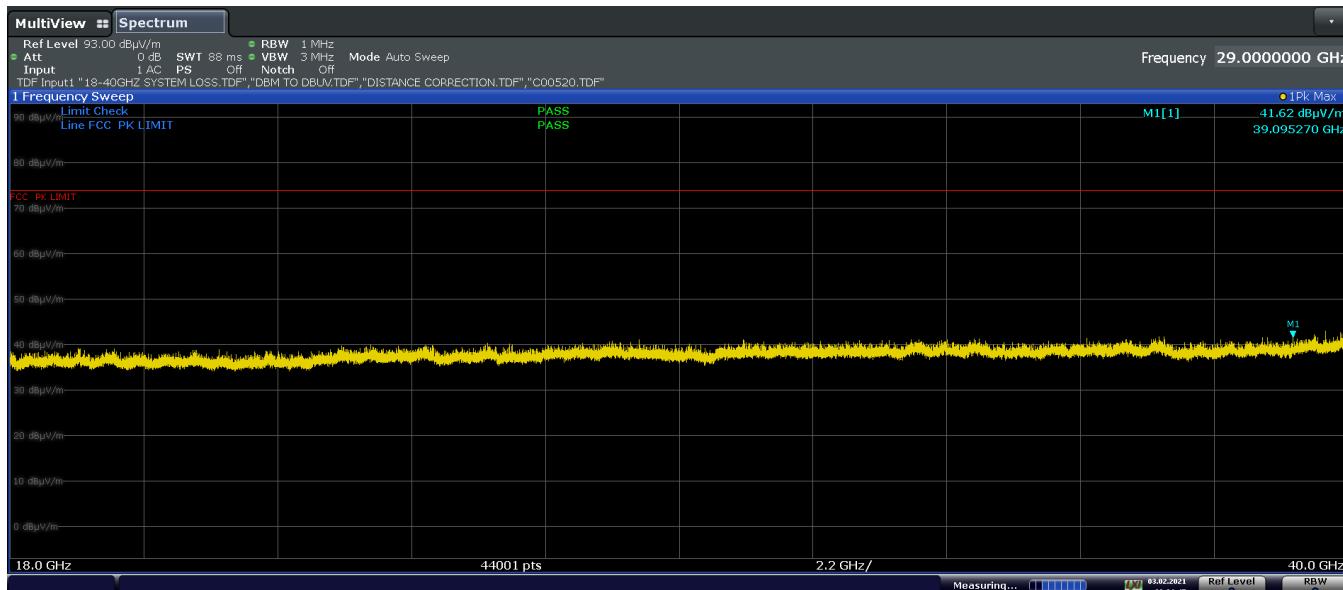


Plot 7-386. RSE above 1GHz SDM (11ax – Ch.40 – RU26)



Plot 7-387. RSE 18GHz – 40 GHz SDM (11ax Ch.40 — RU26, Pol. H)

| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 | PCTEST Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | Page 180 of 257 |

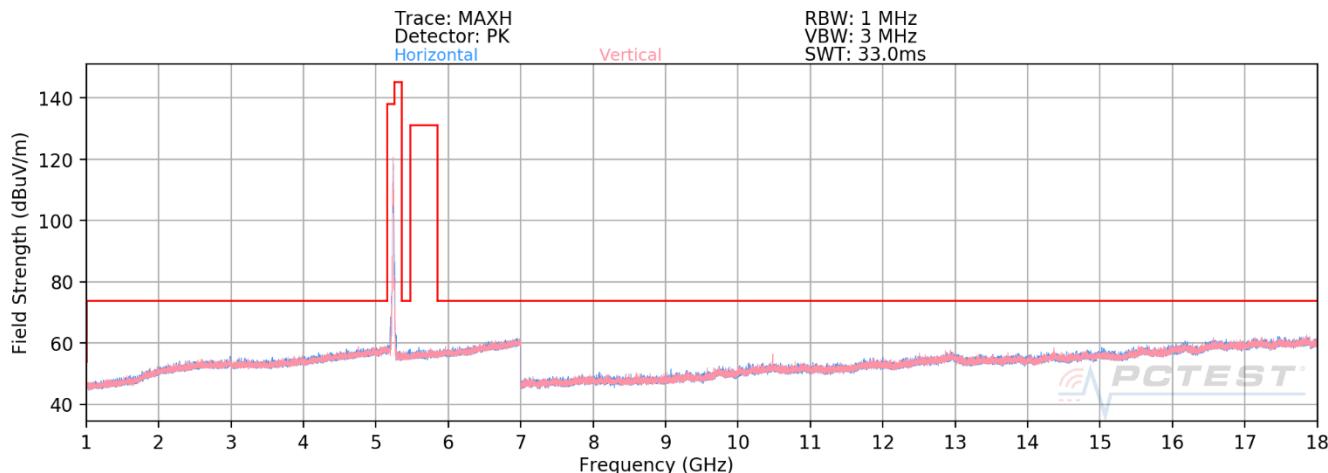

Plot 7-388. RSE 18 GHz - 40GHz SDM (11ax Ch.40 — RU26, Pol. V)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10400.00 | Peak | V | 249 | 227 | -67.27 | 18.98 | 58.71 | 68.20 | -9.49 |
| * 15600.00 | Average | V | - | - | -85.12 | 26.01 | 47.89 | 53.98 | -6.09 |
| * 15600.00 | Peak | V | - | - | -73.41 | 26.01 | 59.60 | 73.98 | -14.38 |

Table 7-132. Radiated Measurements SDM (RU26)

| | | | | | |
|--|--|---------------------------------------|--|--|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST Proud to be part of  | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | Page 181 of 257 |



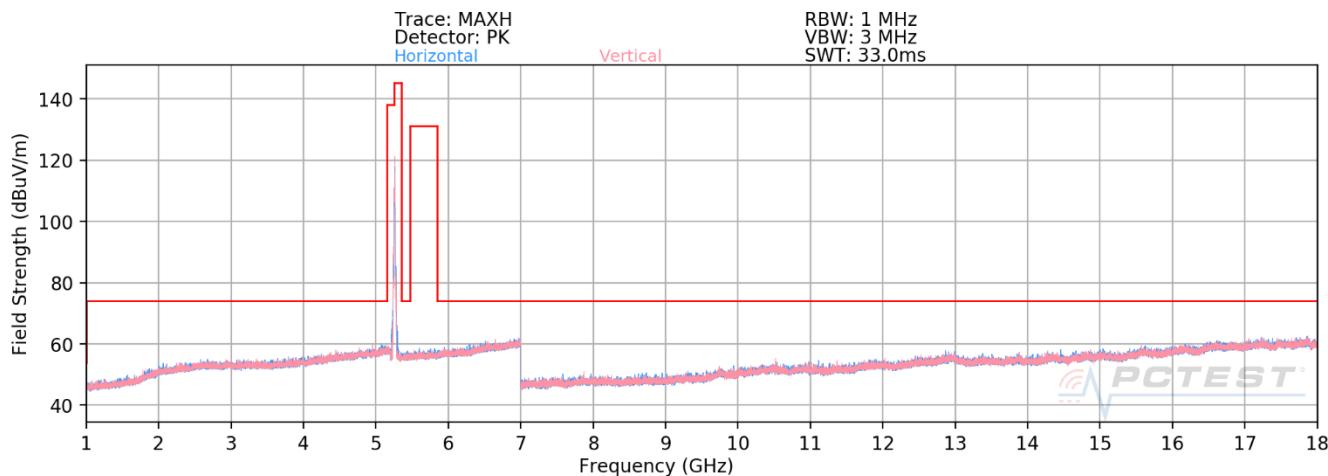
Plot 7-389. RSE above 1GHz SDM (11ax – Ch.48 – RU26)

Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10480.00 | Peak | V | 240 | 224 | -68.90 | 20.08 | 58.18 | 68.20 | -10.02 |
| * 15720.00 | Average | V | - | - | -84.79 | 25.49 | 47.70 | 53.98 | -6.28 |
| * 15720.00 | Peak | V | - | - | -73.49 | 25.49 | 59.00 | 73.98 | -14.98 |

Table 7-133. Radiated Measurements SDM (RU26)

| | | | | | |
|--|---|----------------------------|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  PCTEST® Proud to be part of  | | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | | | |



Plot 7-390. RSE above 1GHz SDM (11ax – Ch.52 – RU26)

| | |
|---------------------------|---------------------|
| Mode: | 802.11ax (20MHz BW) |
| Data Rate: | MCS11 |
| RU Index: | 4 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5260MHz |
| Channel: | 52 |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 10520.00 | Peak | V | 236 | 222 | -69.18 | 20.07 | 57.89 | 68.20 | -10.31 |
| * 15780.00 | Average | V | - | - | -85.10 | 25.89 | 47.79 | 53.98 | -6.19 |
| * 15780.00 | Peak | V | - | - | -73.56 | 25.89 | 59.33 | 73.98 | -14.65 |

Table 7-134. Radiated Measurements SDM (RU26)

| | | | | |
|--|---|----------------------------|-----------------|---------------------------------|
| FCC ID: BCGA2301 IC: 579C-A2301 |  MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Quality Manager |
| Test Report S/N: 1C2101020002-16-R1.BCG | Test Dates: 12/12/2020 - 3/10/2021 | EUT Type: Tablet Device | Page 183 of 257 | |