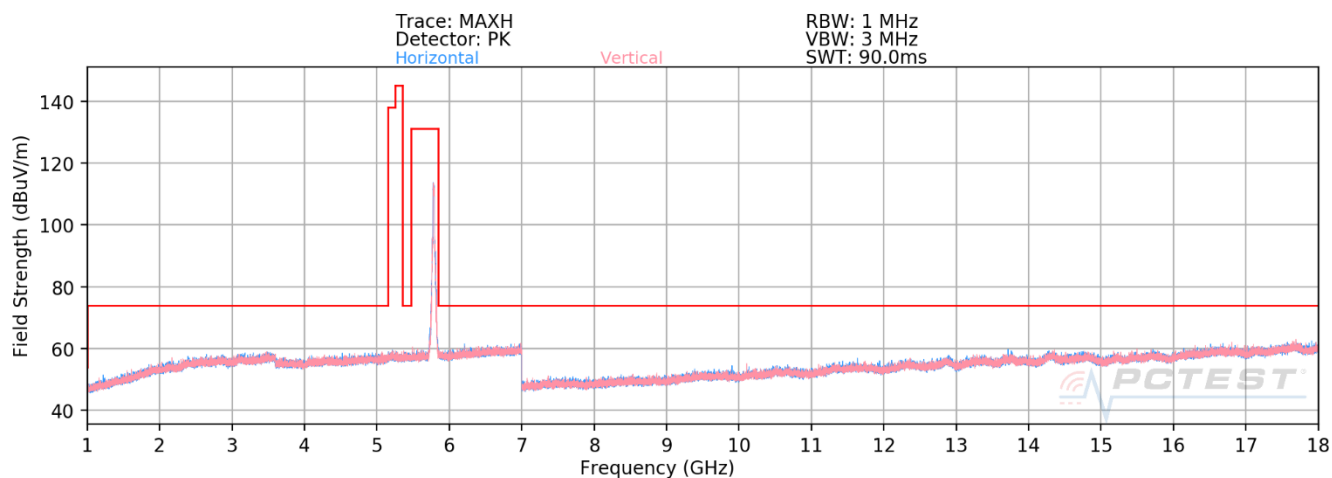




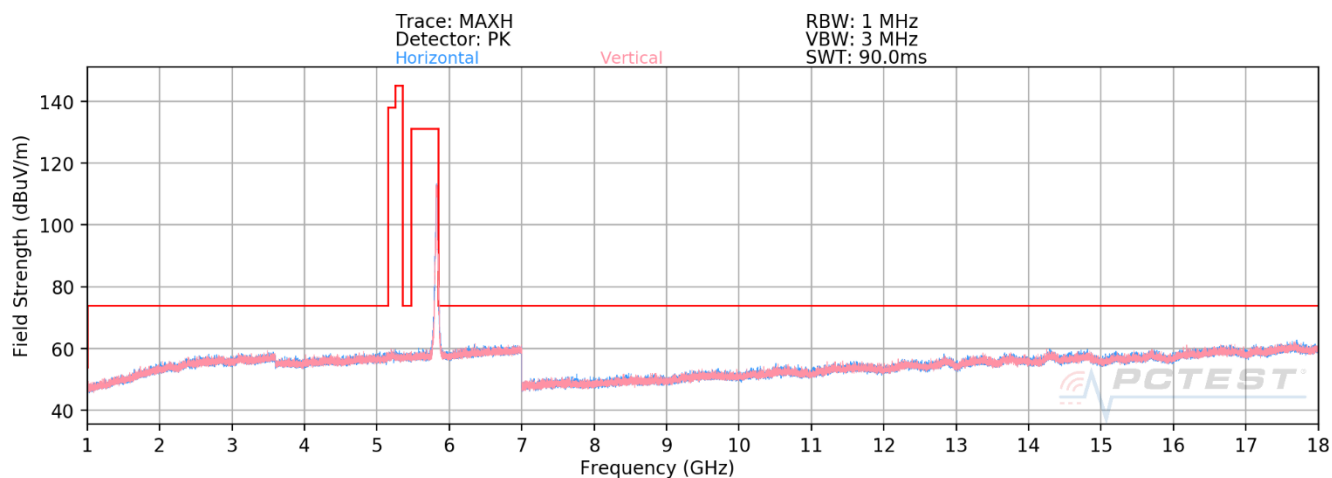
Plot 7-383. RSE above 1GHz Antenna 4b (11ax – Ch.157 – RU242)

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<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>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

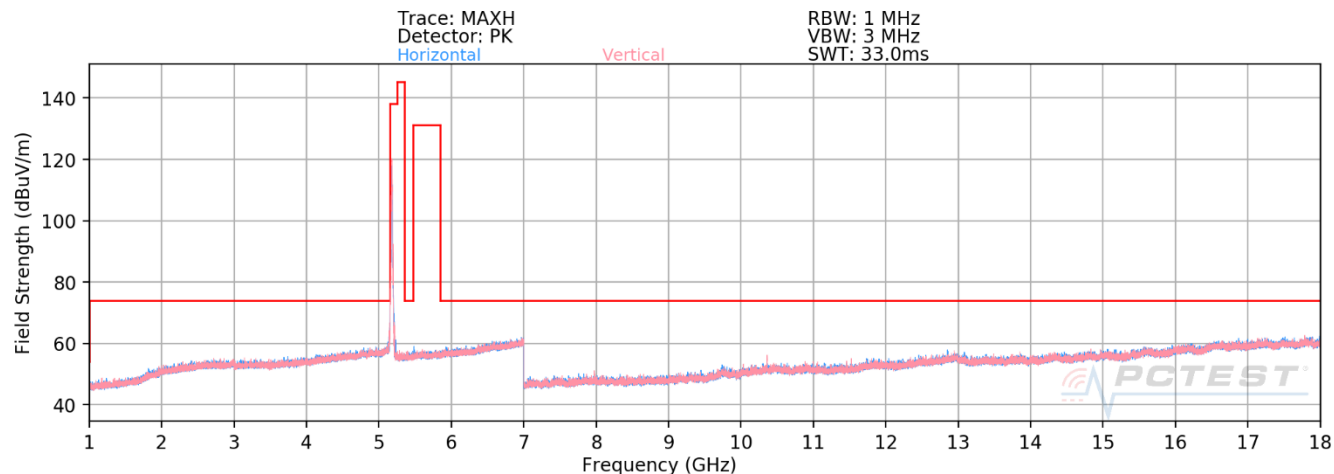
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 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<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 178 of 257                 |

## 7.6.3 CDD/SDM Radiated Spurious Emissions

### RU26



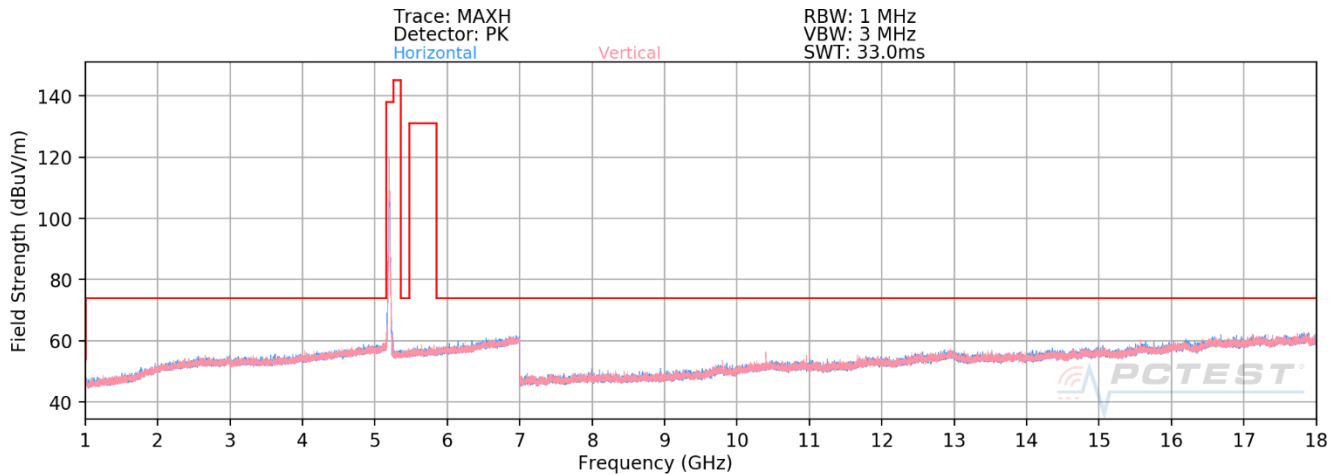
Plot 7-385. RSE above 1GHz SDM (11ax – Ch.36 – RU26)

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

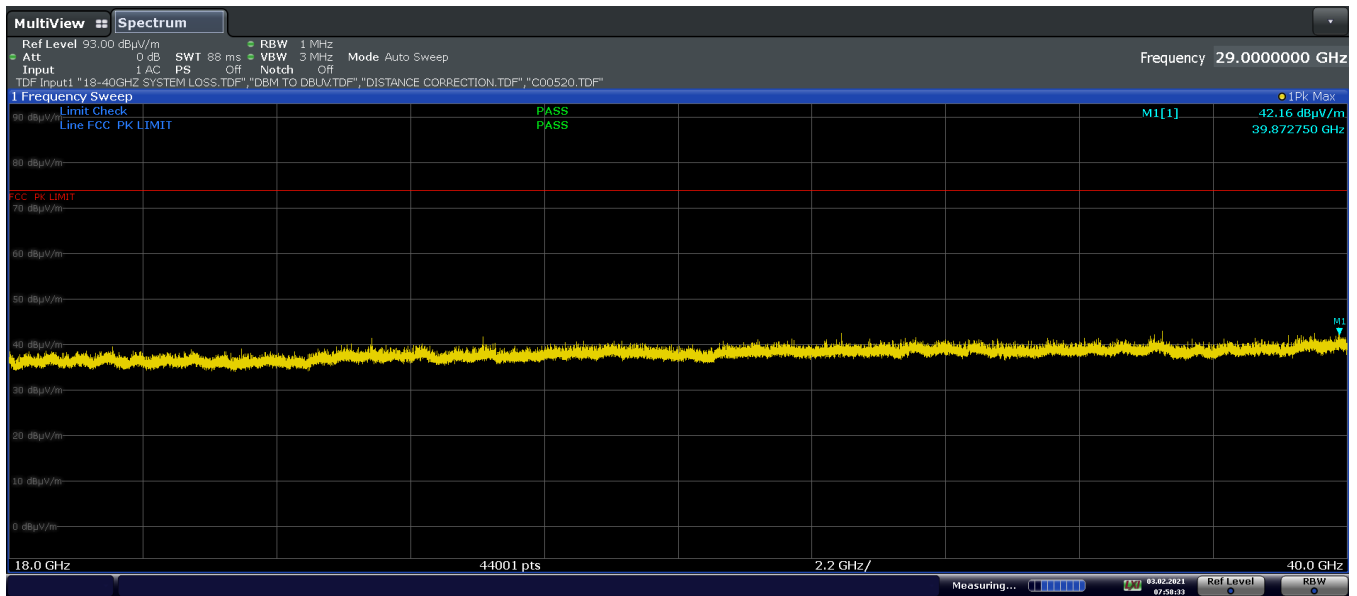
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10360.00        | Peak     | V               | 241                 | 226                        | -68.17               | 18.98       | 57.81                   | 68.20          | -10.39      |
| * 15540.00      | Average  | V               | 323                 | 325                        | -84.89               | 25.86       | 47.97                   | 53.98          | -6.01       |
| * 15540.00      | Peak     | V               | 323                 | 325                        | -73.70               | 25.86       | 59.16                   | 73.98          | -14.82      |

Table 7-131. Radiated Measurements SDM (RU26)

|                                            |                                              |                                       |  |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            |  | Page 179 of 257                 |

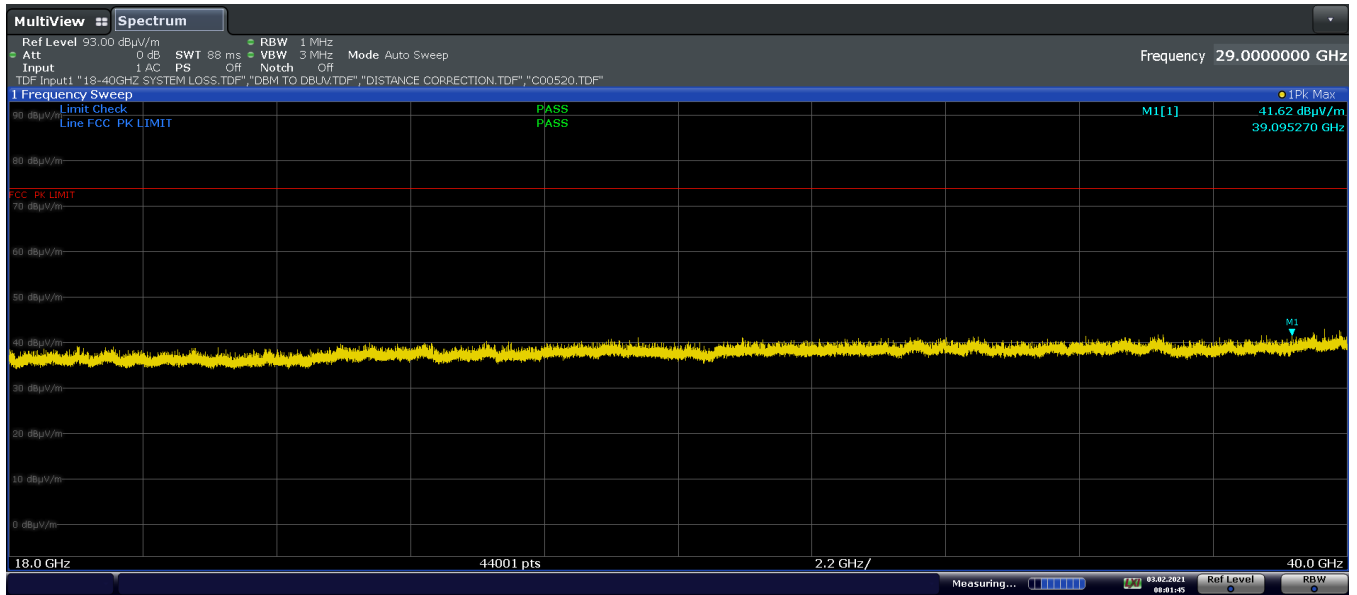


Plot 7-386. RSE above 1GHz SDM (11ax – Ch.40 – RU26)



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

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 180 of 257                 |



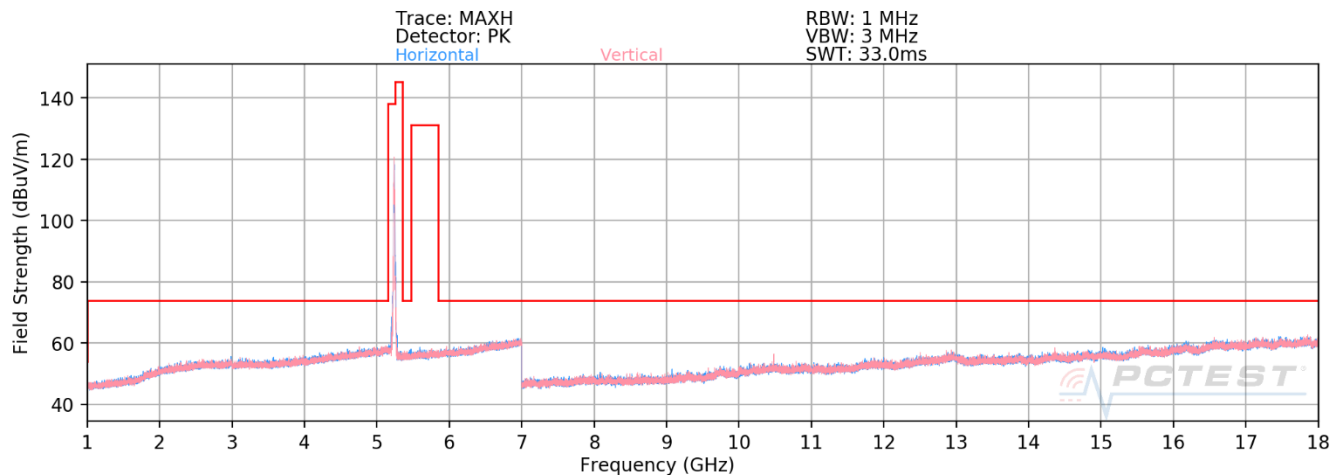
Plot 7-388. RSE 18 GHz - 40GHz SDM (11ax Ch.40 — RU26, Pol. V)

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



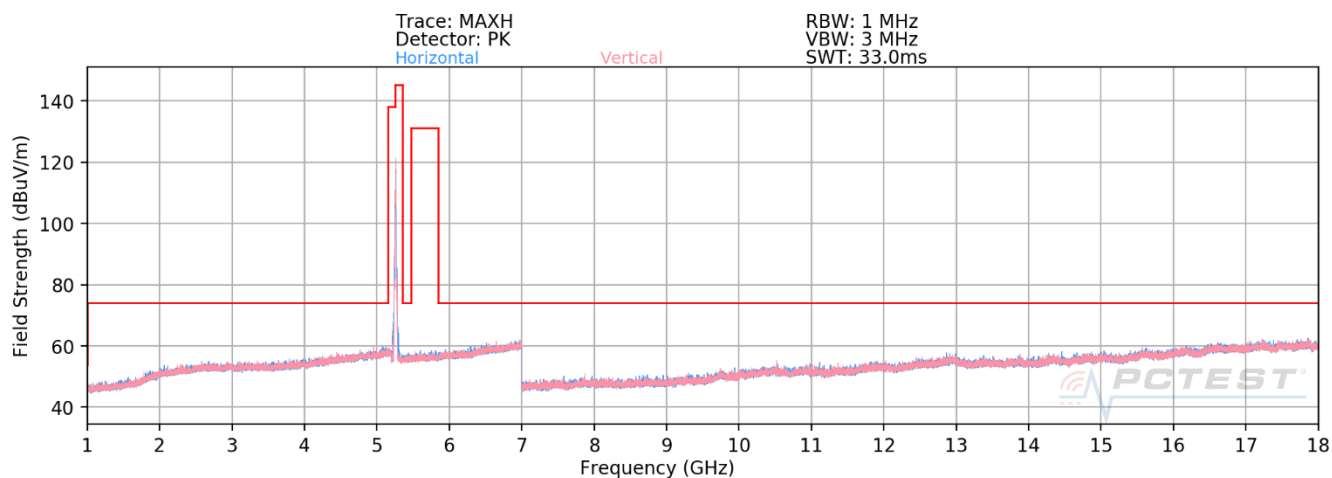
**Plot 7-389. RSE above 1GHz SDM (11ax – Ch.48 – RU26)**

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 [dBuV/m] | Limit [dBuV/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<br>IC: 579C-A2301                | <b>PCTEST</b><br>Proud to be part of element | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2101020002-16-R1.BCG | <b>Test Dates:</b><br>12/12/2020 - 3/10/2021 | <b>EUT Type:</b><br>Tablet Device             | Page 182 of 257                        |



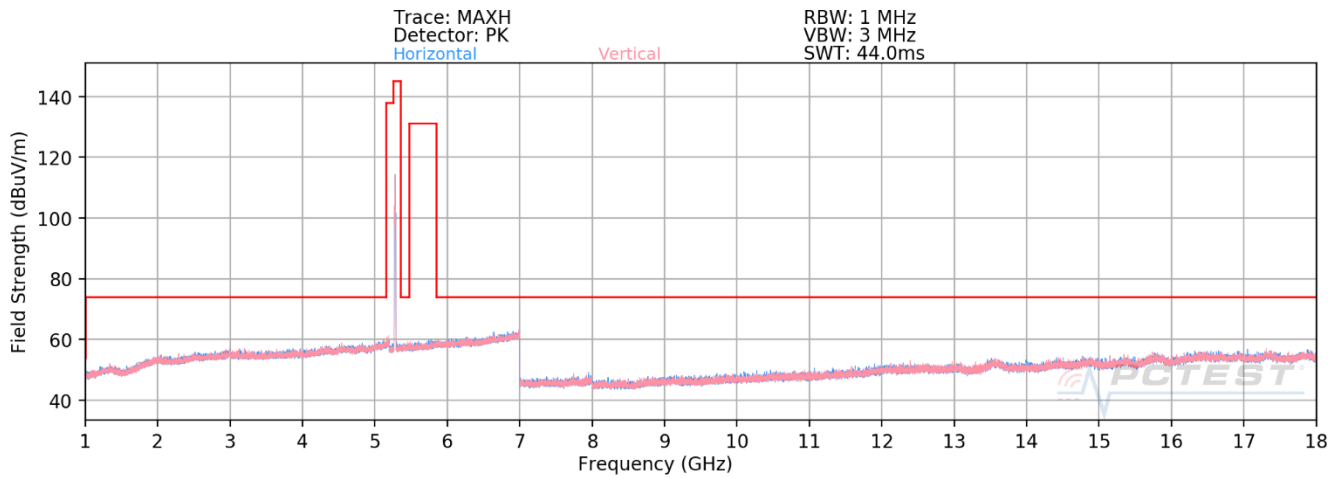
Plot 7-390. RSE above 1GHz SDM (11ax – Ch.52 – RU26)

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

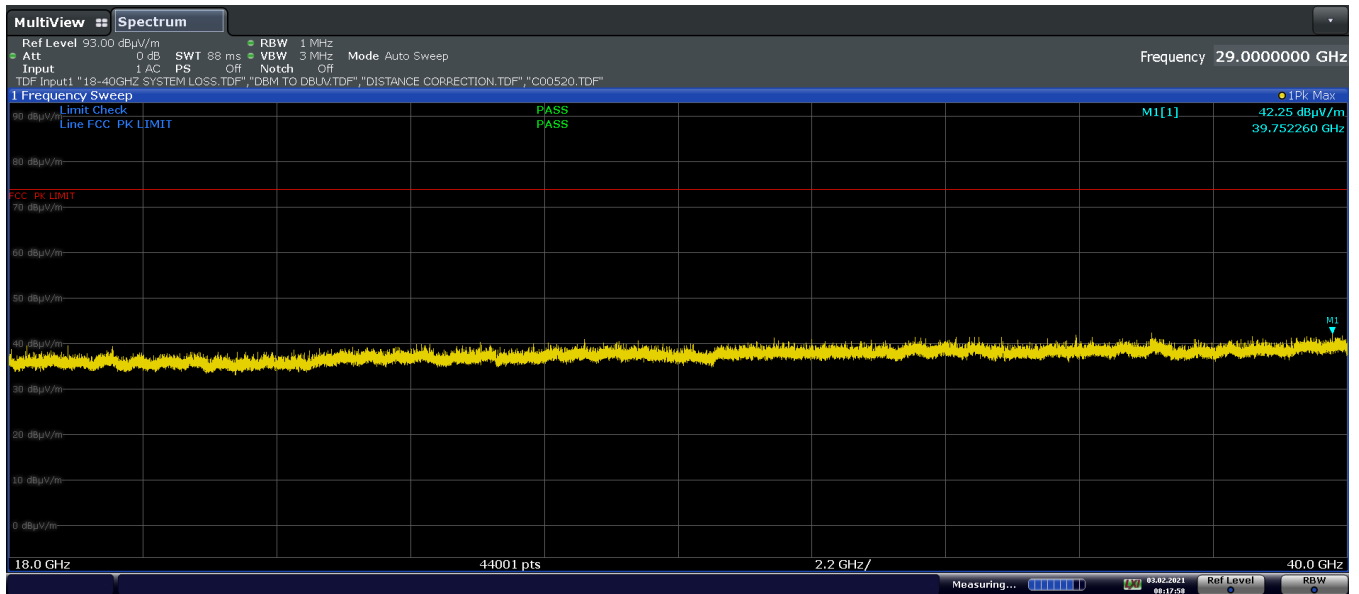
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 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<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 183 of 257                 |

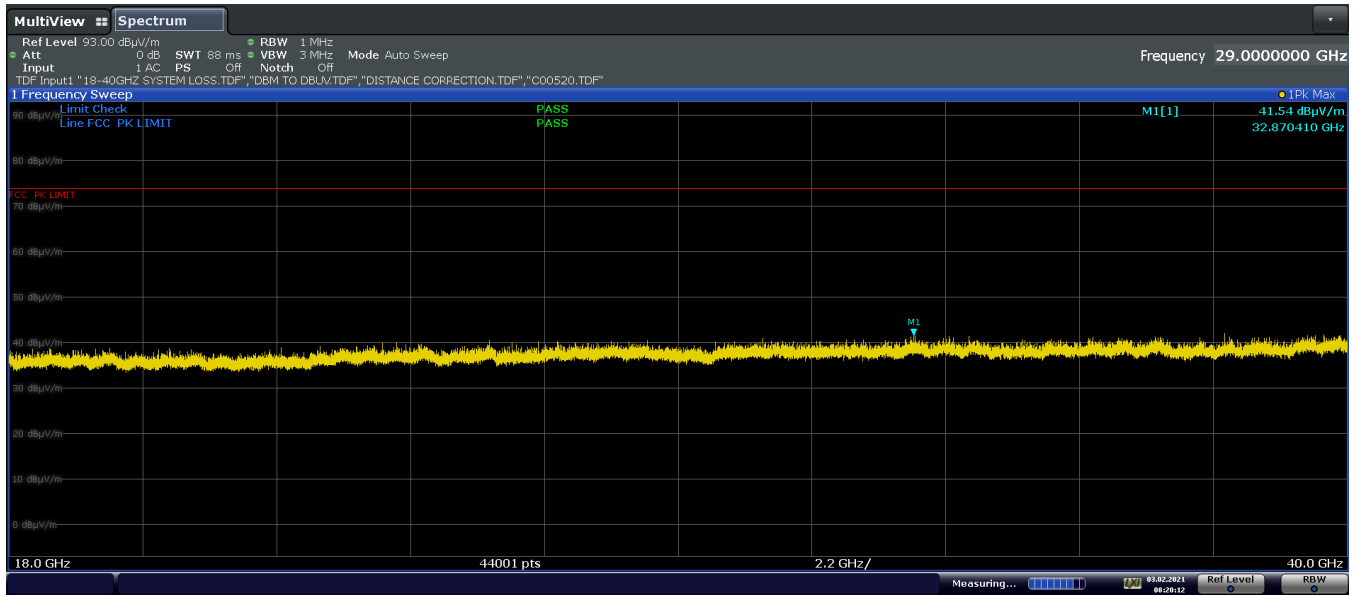


Plot 7-391. RSE above 1GHz SDM (11ax – Ch.56 – RU26)



Plot 7-392. RSE 18GHz – 40 GHz SDM (11ax Ch.56 — RU26, Pol. H)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 184 of 257                 |



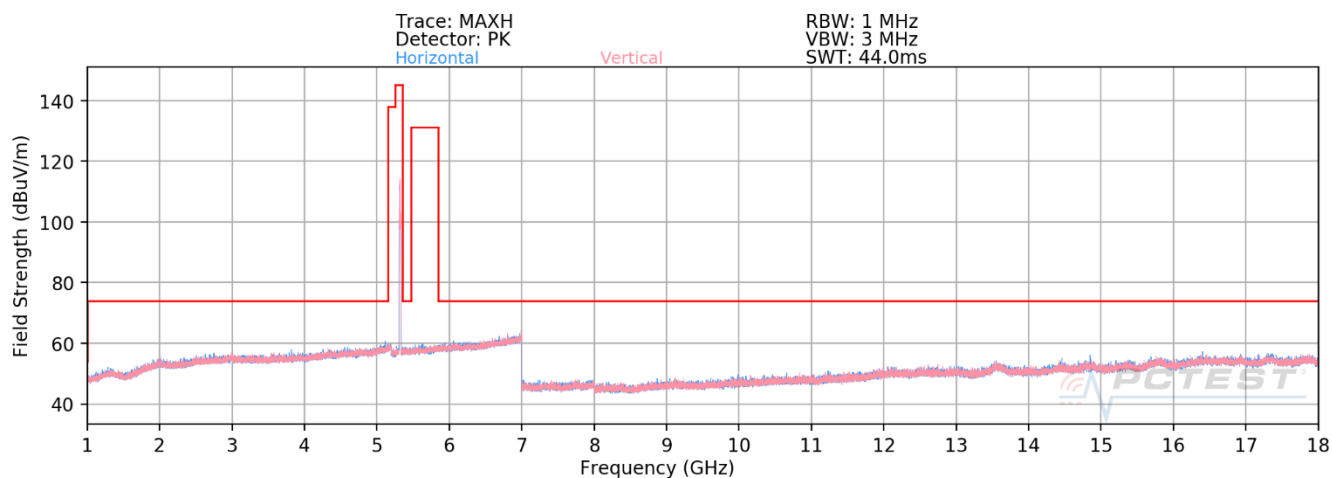
Plot 7-393. RSE 18 GHz - 40GHz SDM (11ax Ch.56 — RU26, Pol. V)

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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00        | Peak     | -               | -                   | -                          | -71.43               | 19.82       | 55.39                   | 68.20          | -12.81      |
| * 15840.00      | Average  | -               | -                   | -                          | -86.20               | 25.88       | 46.68                   | 53.98          | -7.30       |
| * 15840.00      | Peak     | -               | -                   | -                          | -74.62               | 25.88       | 58.26                   | 73.98          | -15.72      |

Table 7-135. Radiated Measurements SDM (RU26)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 185 of 257                 |



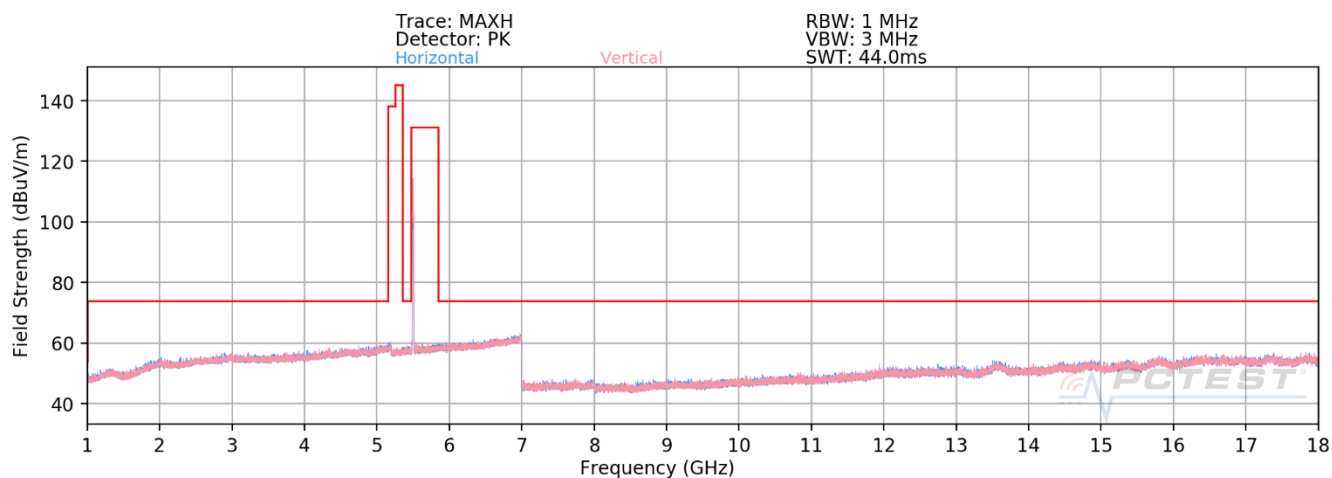
Plot 7-394. RSE above 1GHz SDM (11ax – Ch.64 – RU26)

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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 10640.00      | Average  | -               | -                   | -                          | -83.42               | 19.75       | 43.33                   | 53.98          | -10.65      |
| * 10640.00      | Peak     | -               | -                   | -                          | -71.68               | 19.75       | 55.07                   | 73.98          | -18.91      |
| * 15960.00      | Average  | -               | -                   | -                          | -85.55               | 26.10       | 47.55                   | 53.98          | -6.43       |
| * 15960.00      | Peak     | -               | -                   | -                          | -73.83               | 26.10       | 59.27                   | 73.98          | -14.71      |

Table 7-136. Radiated Measurements SDM (RU26)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 186 of 257                 |



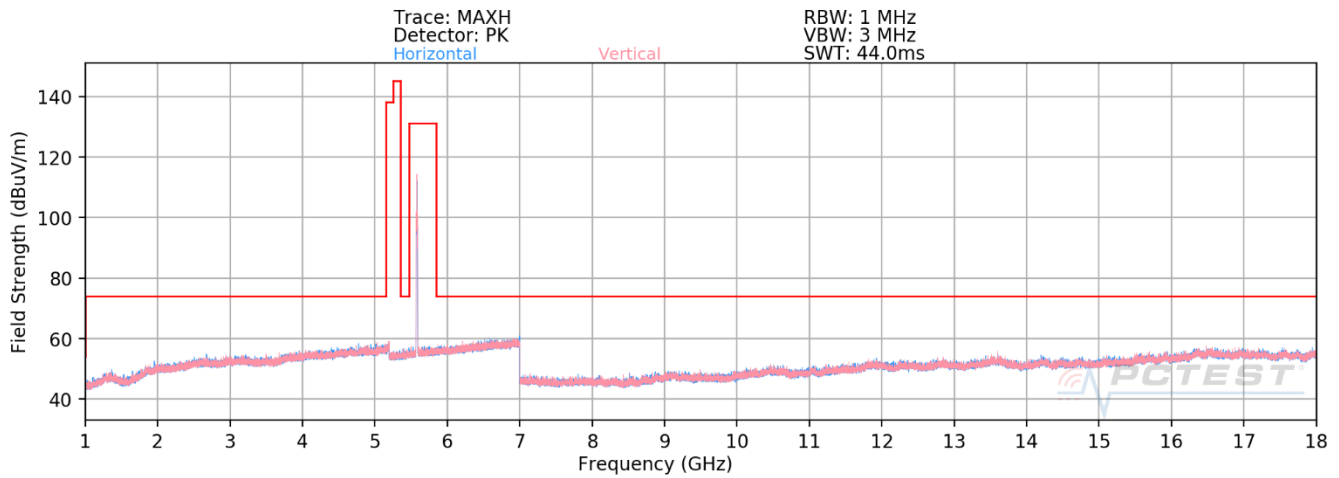
Plot 7-395. RSE above 1GHz SDM (11ax – Ch.100 – RU26)

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

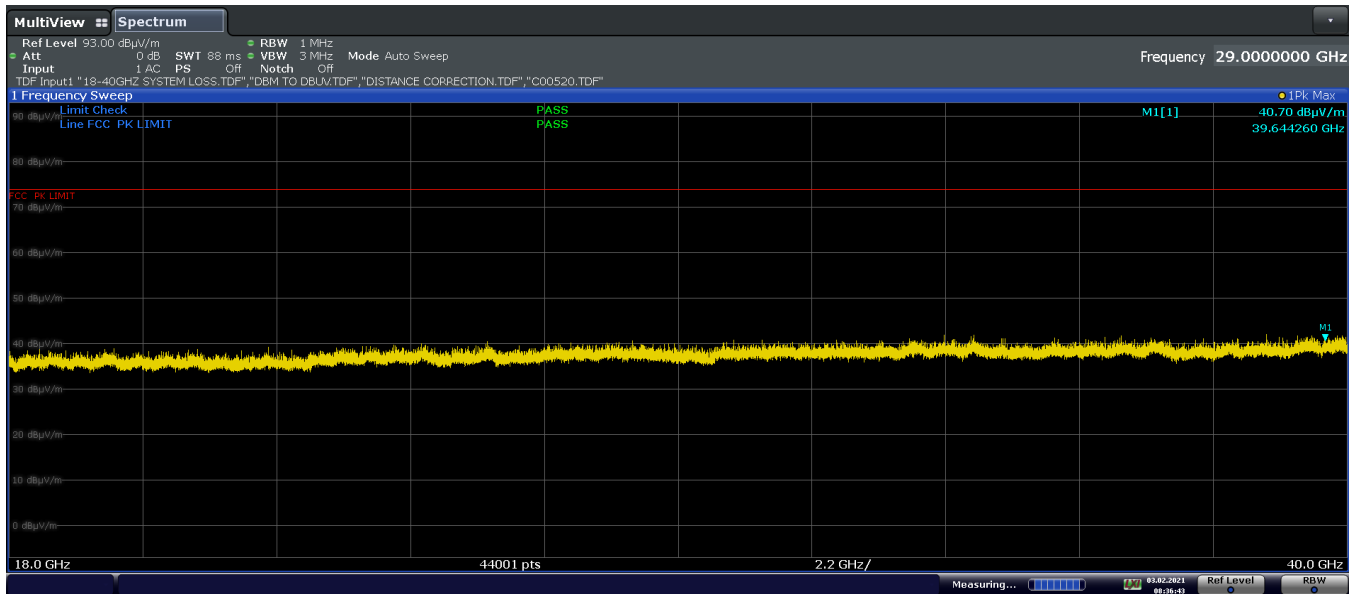
|   | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11000.00        | Average  | -               | -                   | -                          | -84.06               | 19.81       | 42.75                   | 53.98          | -11.23      |
| * | 11000.00        | Peak     | -               | -                   | -                          | -72.43               | 19.81       | 54.38                   | 73.98          | -19.60      |
|   | 16500.00        | Peak     | -               | -                   | -                          | -73.48               | 26.65       | 60.17                   | 68.20          | -8.03       |

Table 7-137. Radiated Measurements SDM (RU26)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 187 of 257                 |

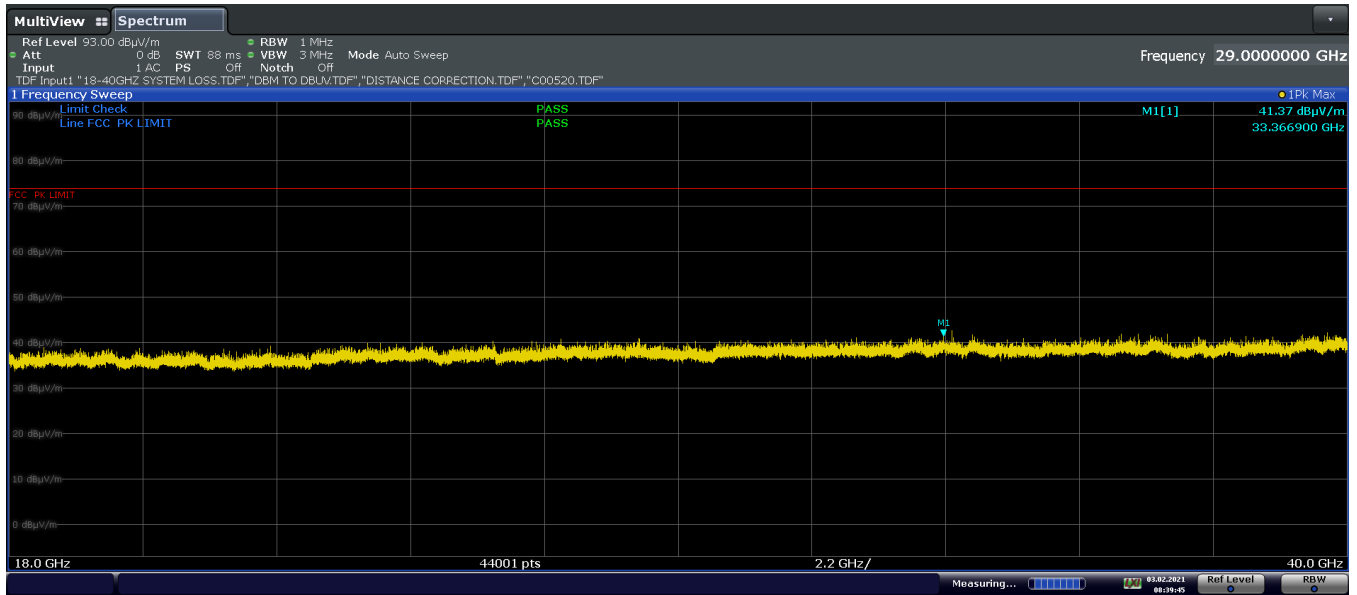


Plot 7-396. RSE above 1GHz SDM (11ax – Ch.116 – RU26)



Plot 7-397. RSE 18GHz – 40 GHz SDM (11ax Ch.116 — RU26, Pol. H)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 188 of 257                 |



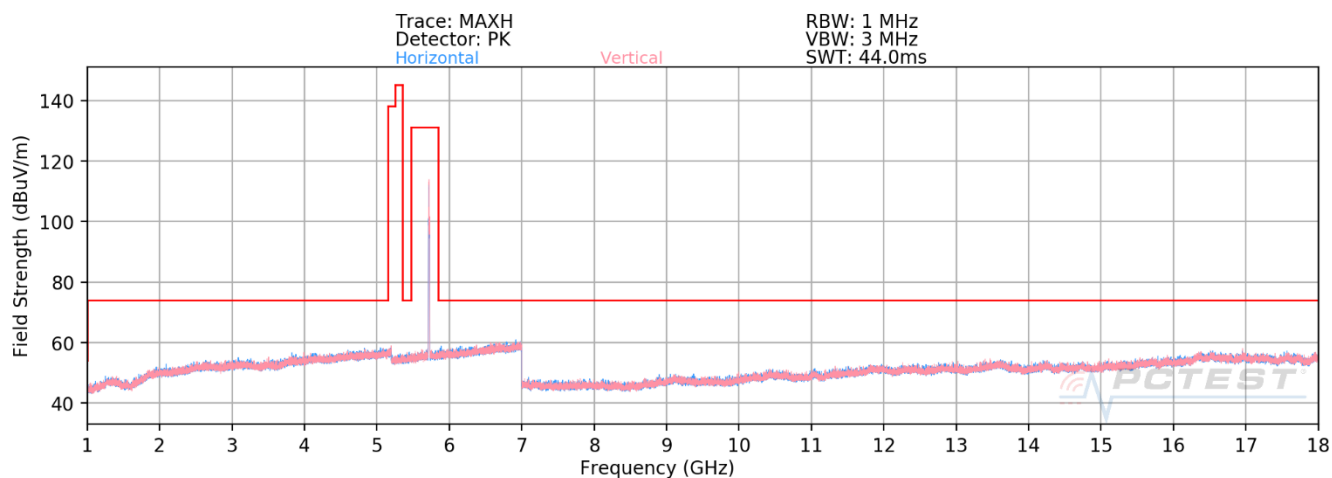
Plot 7-398. RSE 18 GHz - 40GHz SDM (11ax Ch.116 — RU26, Pol. V)

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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11160.00        | Average  | -               | -                   | -                          | -83.04               | 19.81       | 43.77                   | 53.98          | -10.21      |
| * | 11160.00        | Peak     | -               | -                   | -                          | -70.99               | 19.81       | 55.82                   | 73.98          | -18.16      |
|   | 16740.00        | Peak     | -               | -                   | -                          | -72.34               | 27.07       | 61.73                   | 68.20          | -6.47       |

Table 7-138. Radiated Measurements SDM (RU26)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 189 of 257                 |



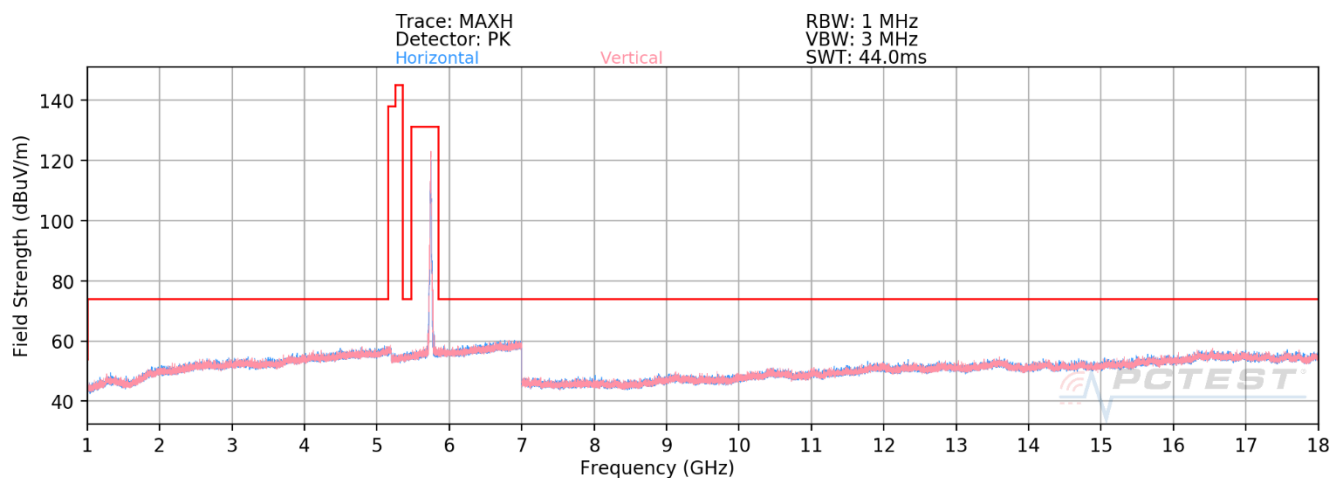
Plot 7-399. RSE above 1GHz SDM (11ax – Ch.144 – RU26)

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  | -               | -                   | -                          | -83.17               | 20.22       | 44.05                   | 53.98          | -9.93       |
| * | 11440.00        | Peak     | -               | -                   | -                          | -71.39               | 20.22       | 55.83                   | 73.98          | -18.15      |
|   | 17160.00        | Peak     | -               | -                   | -                          | -72.71               | 27.81       | 62.10                   | 68.20          | -6.10       |

Table 7-139. Radiated Measurements SDM (RU26)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 190 of 257                 |



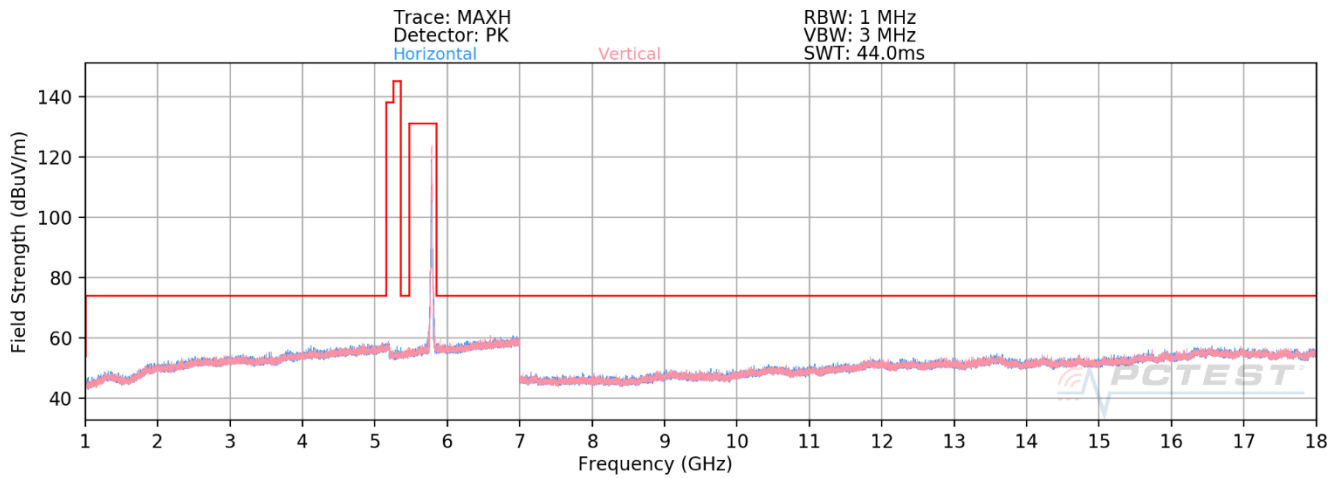
**Plot 7-400. RSE above 1GHz CDD (11ax – Ch.149 – RU26)**

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

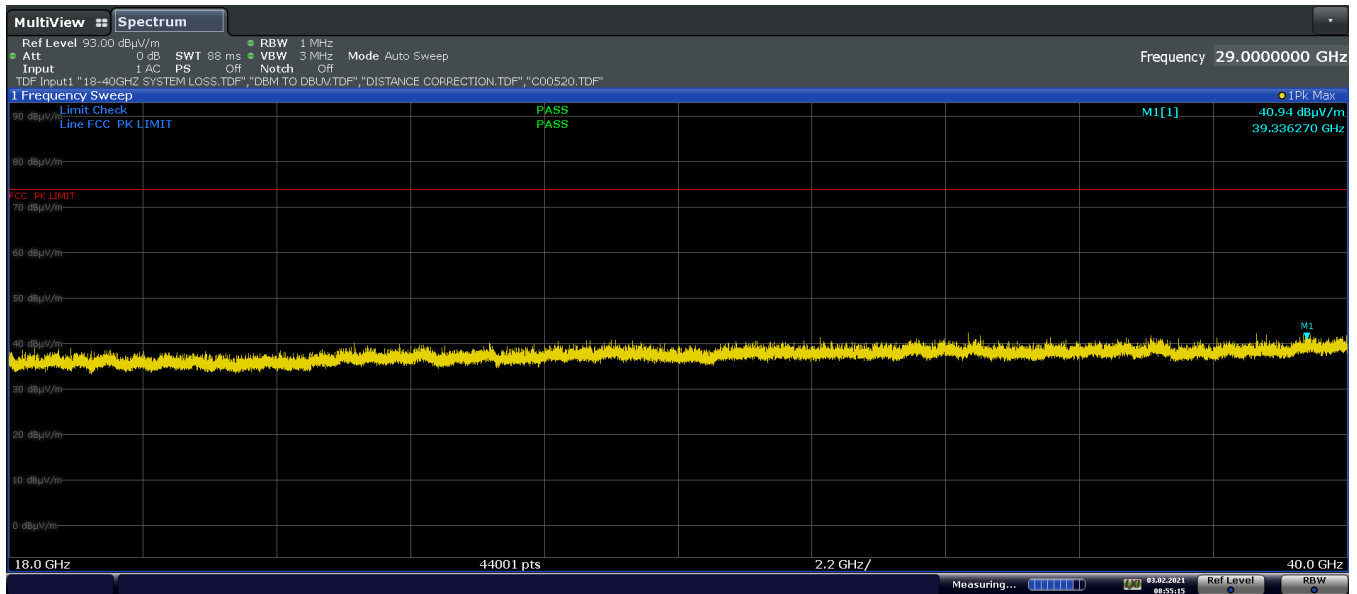
|   | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11490.00        | Average  | -               | -                   | -                          | -82.90               | 20.05       | 44.15                   | 53.98          | -9.83       |
| * | 11490.00        | Peak     | -               | -                   | -                          | -71.18               | 20.05       | 55.87                   | 73.98          | -18.11      |
|   | 17235.00        | Peak     | -               | -                   | -                          | -73.42               | 28.55       | 62.13                   | 68.20          | -6.07       |

**Table 7-140. Radiated Measurements CDD (RU26)**

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 191 of 257                 |

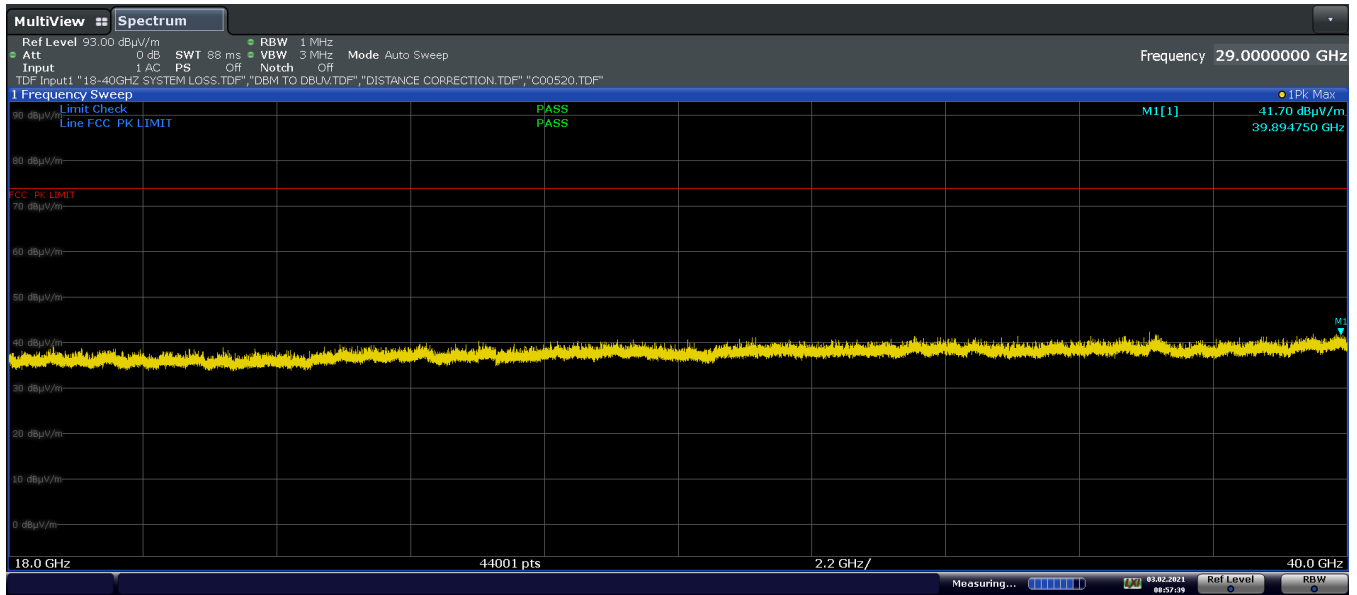


Plot 7-401. RSE above 1GHz CDD (11ax – Ch.157 – RU26)



Plot 7-402. RSE 18GHz – 40 GHz CDD (11ax Ch.157 — RU26, Pol. H)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 192 of 257                 |



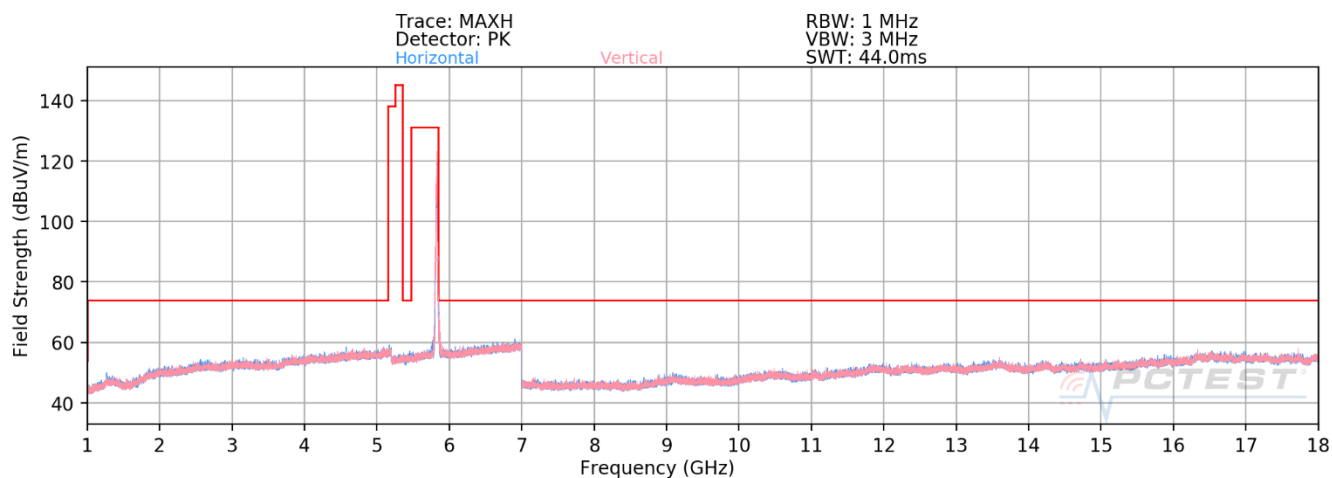
Plot 7-403. RSE 18 GHz - 40GHz CDD (11ax Ch.157 — RU26, Pol. V)

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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11570.00        | Average  | -               | -                   | -                          | -82.43               | 20.21       | 44.78                   | 53.98          | -9.20       |
| * | 11570.00        | Peak     | -               | -                   | -                          | -70.72               | 20.21       | 56.49                   | 73.98          | -17.49      |
|   | 17355.00        | Peak     | -               | -                   | -                          | -72.79               | 27.90       | 62.11                   | 68.20          | -6.09       |

Table 7-141. Radiated Measurements CDD (RU26)

|                                            |                                              |                            |                                 |
|--------------------------------------------|----------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device | Page 193 of 257                 |



Plot 7-404. RSE above 1GHz CDD (11ax – Ch.165 – RU26)

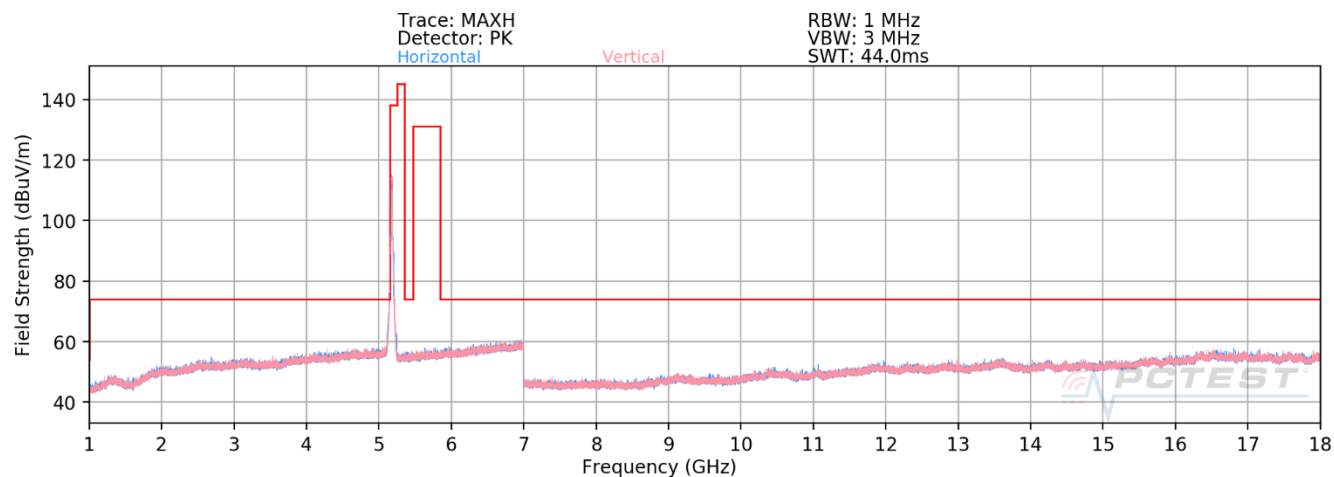
Mode: 802.11ax (20MHz BW)  
Data Rate: MCS11  
RU Index: 4  
Distance of Measurements: 3 Meters  
Operating Frequency: 5825MHz  
Channel: 165

|   | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11650.00        | Average  | -               | -                   | -                          | -82.74               | 21.04       | 45.30                   | 53.98          | -8.68       |
| * | 11650.00        | Peak     | -               | -                   | -                          | -70.35               | 21.04       | 57.69                   | 73.98          | -16.29      |
|   | 17475.00        | Peak     | -               | -                   | -                          | -73.94               | 27.95       | 61.01                   | 68.20          | -7.19       |

Table 7-142. Radiated Measurements CDD (RU26)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 194 of 257                 |

## RU242



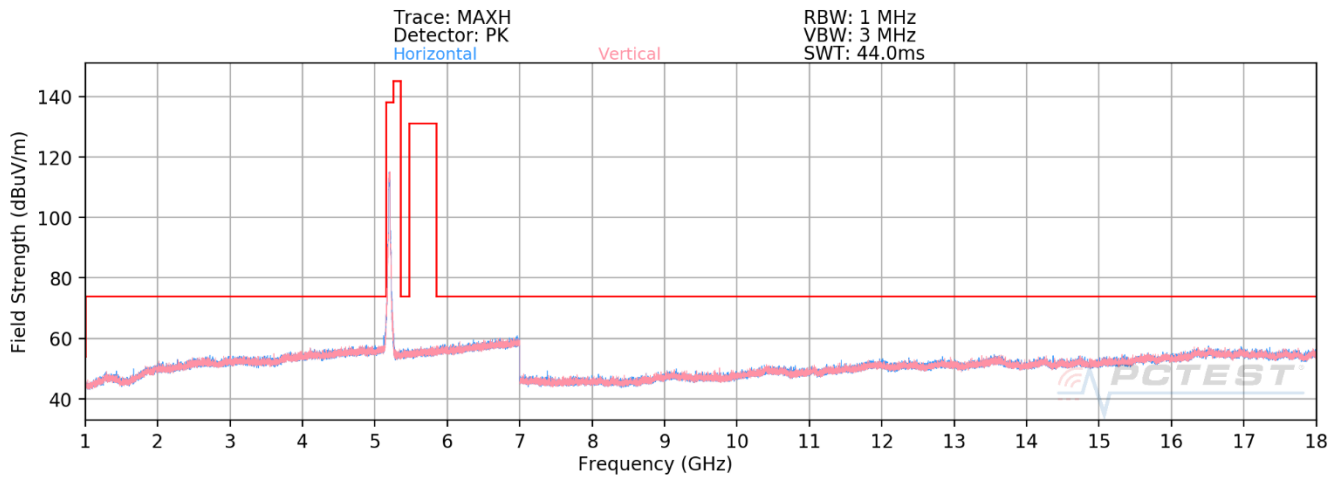
Plot 7-405. RSE above 1GHz CDD (11ax – Ch.36 – RU242)

Mode: 802.11ax (20MHz BW)  
Data Rate: MCS11  
RU Index: 61  
Distance of Measurements: 3 Meters  
Operating Frequency: 5180MHz  
Channel: 36

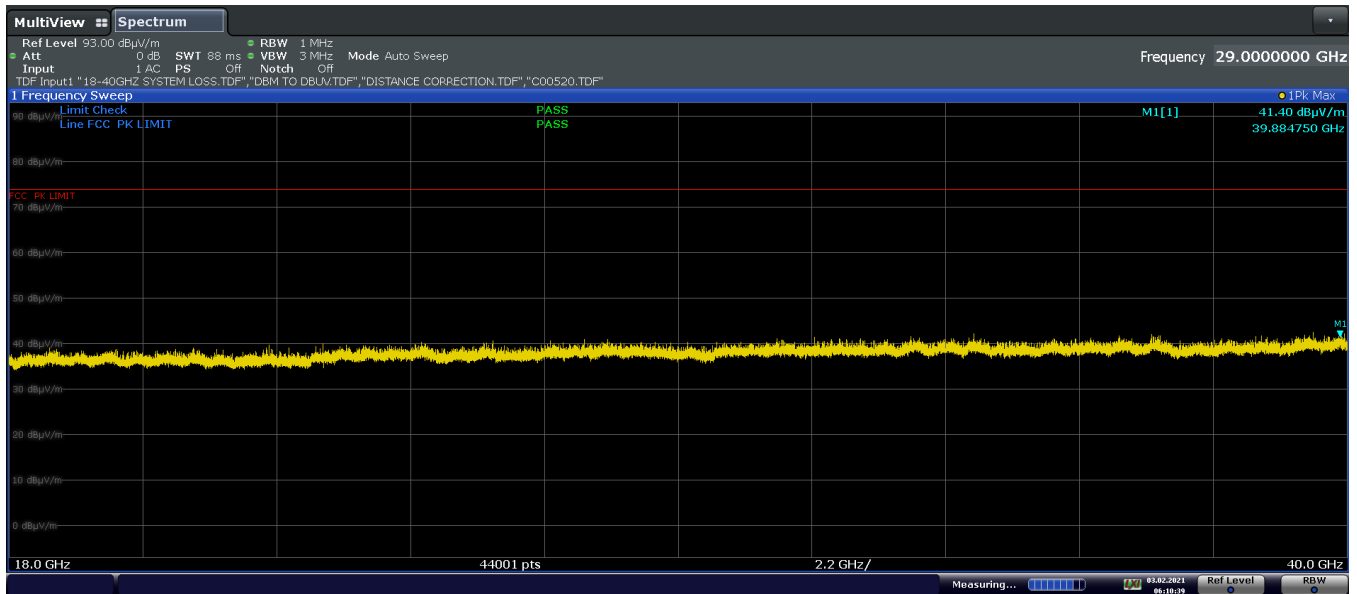
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10360.00        | Peak     | V               | 237                 | 234                        | -68.25               | 15.07       | 53.82                   | 68.20          | -14.38      |
| * 15540.00      | Average  | -               | -                   | -                          | -84.23               | 20.21       | 42.98                   | 53.98          | -11.00      |
| * 15540.00      | Peak     | -               | -                   | -                          | -72.89               | 20.21       | 54.32                   | 73.98          | -19.66      |

Table 7-143. Radiated Measurements CDD (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 195 of 257                 |

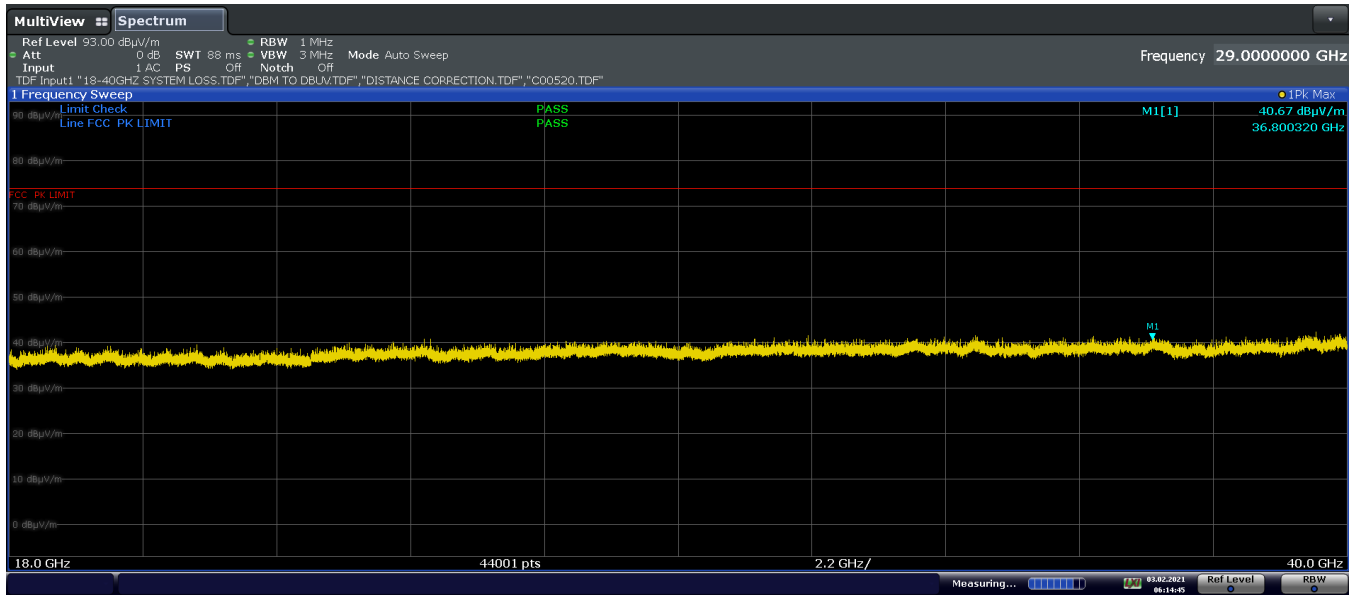


Plot 7-406. RSE above 1GHz SDM (11ax – Ch.40 – RU242)



Plot 7-407. RSE 18GHz – 40 GHz SDM (11ax Ch.40 — RU242, Pol. H)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 196 of 257                 |



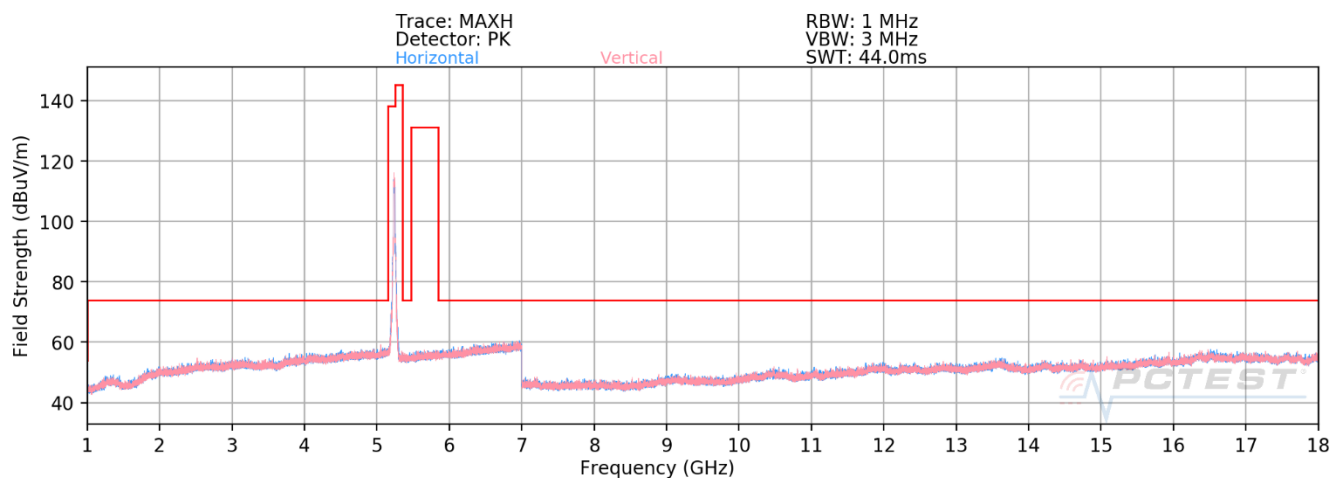
Plot 7-408. RSE 18 GHz - 40GHz SDM (11ax Ch.40 — RU242, Pol. V)

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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10400.00        | Peak     | V               | 245                 | 234                        | -68.69               | 15.60       | 53.91                   | 68.20          | -14.29      |
| * 15600.00      | Average  | -               | -                   | -                          | -84.12               | 19.93       | 42.81                   | 53.98          | -11.17      |
| * 15600.00      | Peak     | -               | -                   | -                          | -72.79               | 19.93       | 54.14                   | 73.98          | -19.84      |

Table 7-144. Radiated Measurements SDM (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 197 of 257                 |



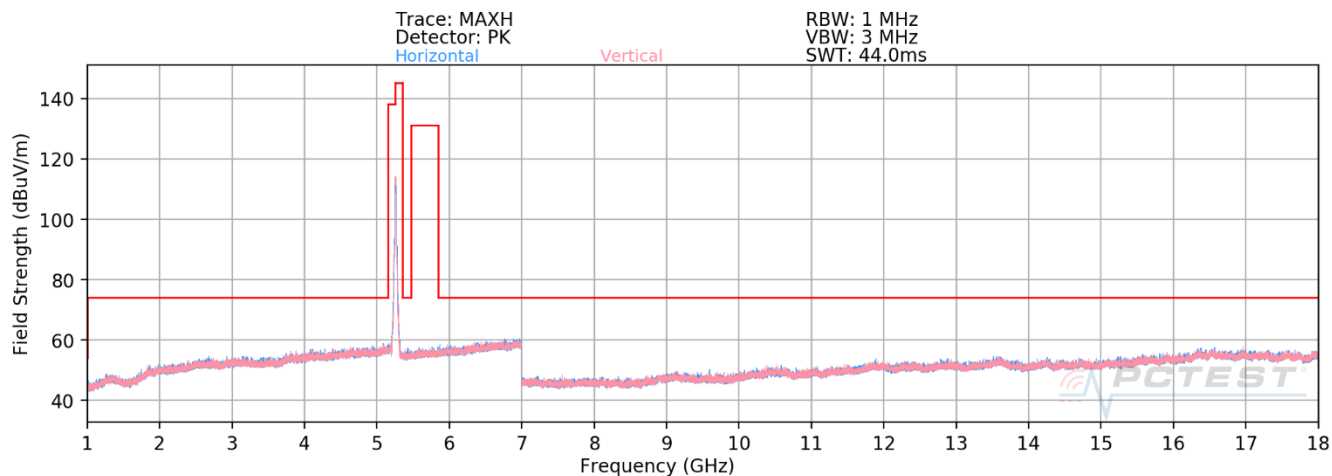
Plot 7-409. RSE above 1GHz SDM (11ax – Ch.48 – RU242)

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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10480.00        | Peak     | V               | 224                 | 232                        | -68.56               | 14.90       | 53.34                   | 68.20          | -14.86      |
| * 15720.00      | Average  | -               | -                   | -                          | -84.31               | 20.62       | 43.31                   | 53.98          | -10.67      |
| * 15720.00      | Peak     | -               | -                   | -                          | -72.32               | 20.62       | 55.30                   | 73.98          | -18.68      |

Table 7-145. Radiated Measurements SDM (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 198 of 257                 |



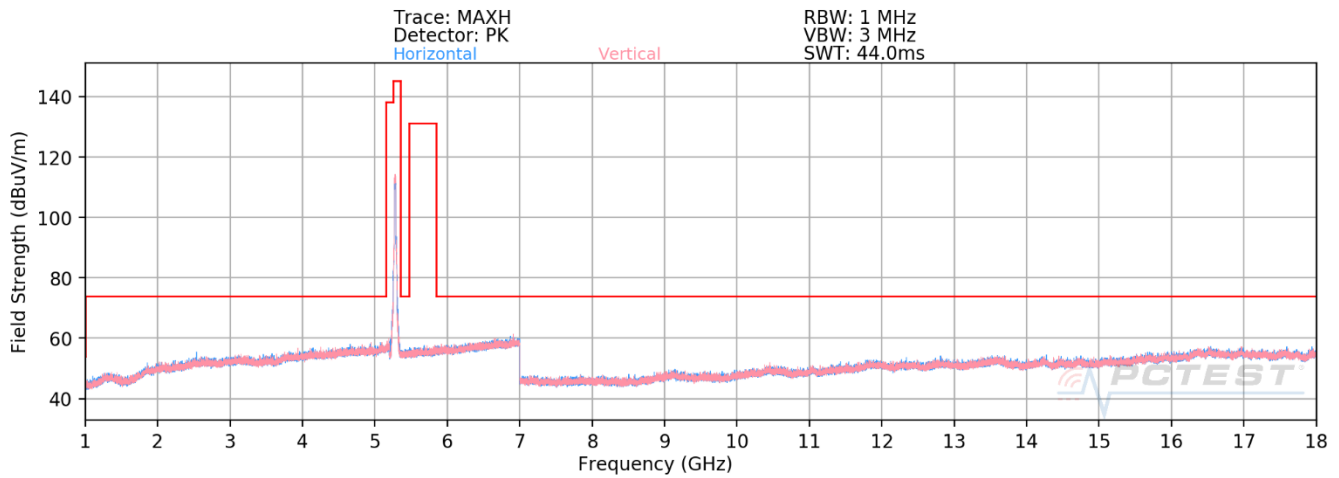
Plot 7-410. RSE above 1GHz SDM (11ax – Ch.52 – RU242)

Mode: 802.11ax (20MHz BW)  
Data Rate: MCS11  
RU Index: 61  
Distance of Measurements: 3 Meters  
Operating Frequency: 5260MHz  
Channel: 52

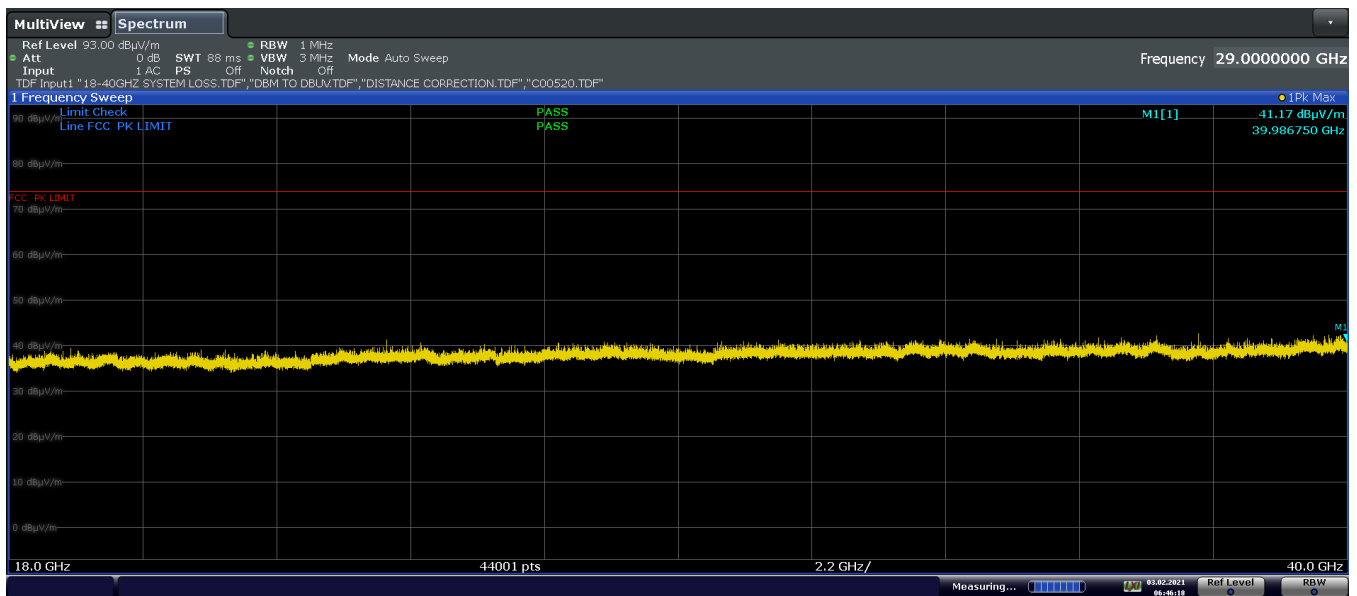
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10520.00        | Peak     | V               | 220                 | 235                        | -67.92               | 14.63       | 53.71                   | 68.20          | -14.49      |
| * 15780.00      | Average  | -               | -                   | -                          | -84.04               | 20.06       | 43.02                   | 53.98          | -10.96      |
| * 15780.00      | Peak     | -               | -                   | -                          | -71.91               | 20.06       | 55.15                   | 73.98          | -18.83      |

Table 7-146. Radiated Measurements SDM (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 199 of 257                 |

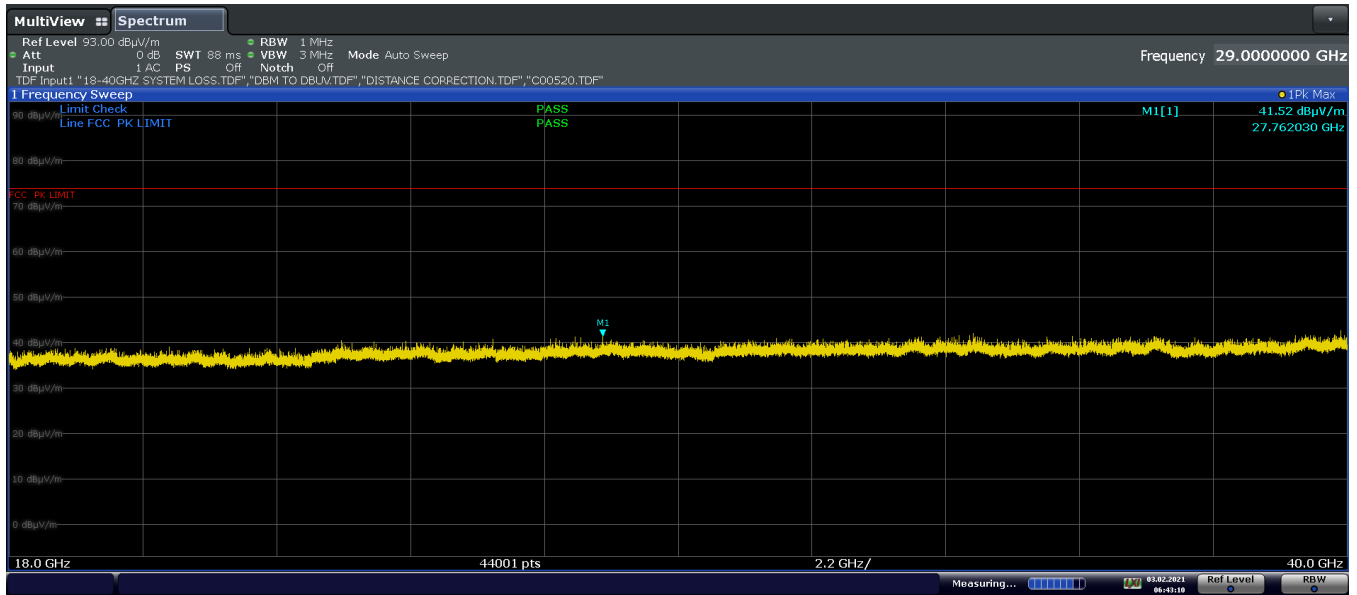


Plot 7-411. RSE above 1GHz SDM (11ax – Ch.56 – RU242)



Plot 7-412. RSE 18GHz – 40 GHz SDM (11ax Ch.56 — RU242, Pol. H)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 200 of 257                 |



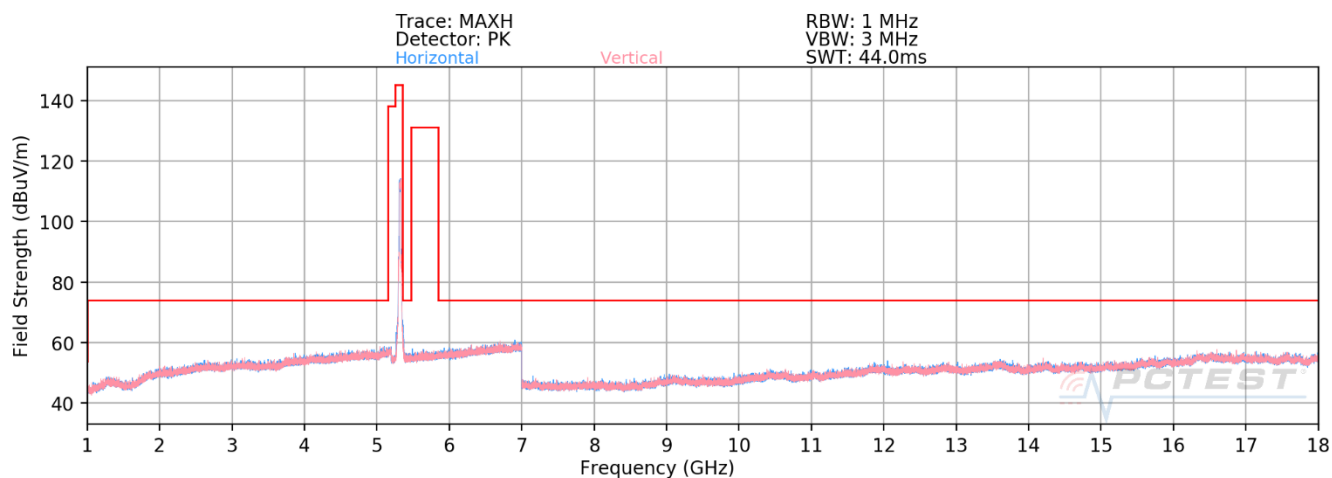
Plot 7-413. RSE 18 GHz - 40GHz SDM (11ax Ch.56 — RU242, Pol. V)

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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10560.00        | Peak     | V               | 244                 | 222                        | -70.09               | 15.10       | 52.01                   | 68.20          | -16.19      |
| * 15840.00      | Average  | -               | -                   | -                          | -83.79               | 20.23       | 43.44                   | 53.98          | -10.54      |
| * 15840.00      | Peak     | -               | -                   | -                          | -71.92               | 20.23       | 55.31                   | 73.98          | -18.67      |

Table 7-147. Radiated Measurements SDM (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 201 of 257                 |



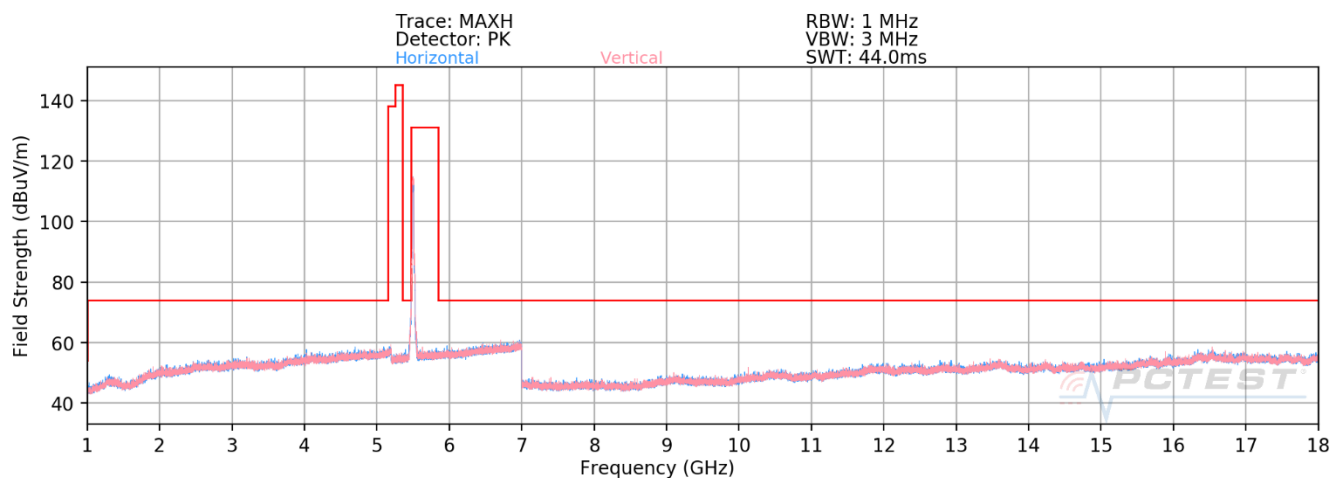
Plot 7-414. RSE above 1GHz SDM (11ax – Ch.64 – RU242)

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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 10640.00      | Average  | V               | 245                 | 229                        | -81.25               | 15.44       | 41.19                   | 53.98          | -12.79      |
| * 10640.00      | Peak     | V               | 245                 | 229                        | -69.75               | 15.44       | 52.69                   | 73.98          | -21.29      |
| * 15960.00      | Average  | -               | -                   | -                          | -84.73               | 20.99       | 43.26                   | 53.98          | -10.72      |
| * 15960.00      | Peak     | -               | -                   | -                          | -72.99               | 20.99       | 55.00                   | 73.98          | -18.98      |

Table 7-148. Radiated Measurements SDM (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 202 of 257                 |



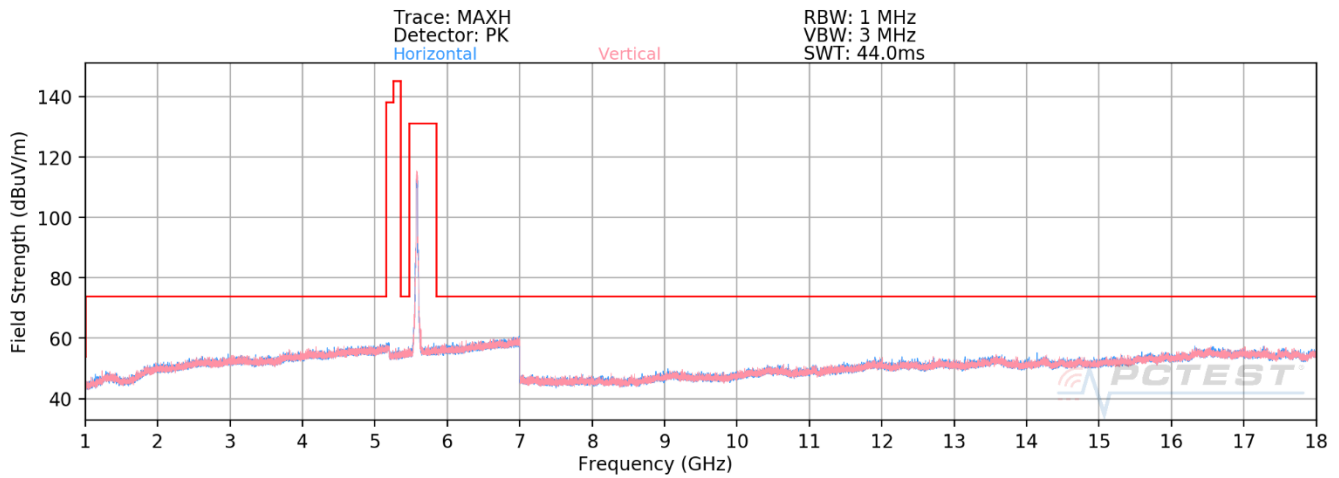
Plot 7-415. RSE above 1GHz CDD (11ax – Ch.100 – RU242)

Mode: 802.11ax (20MHz BW)  
Data Rate: MCS11  
RU Index: 61  
Distance of Measurements: 3 Meters  
Operating Frequency: 5500MHz  
Channel: 100

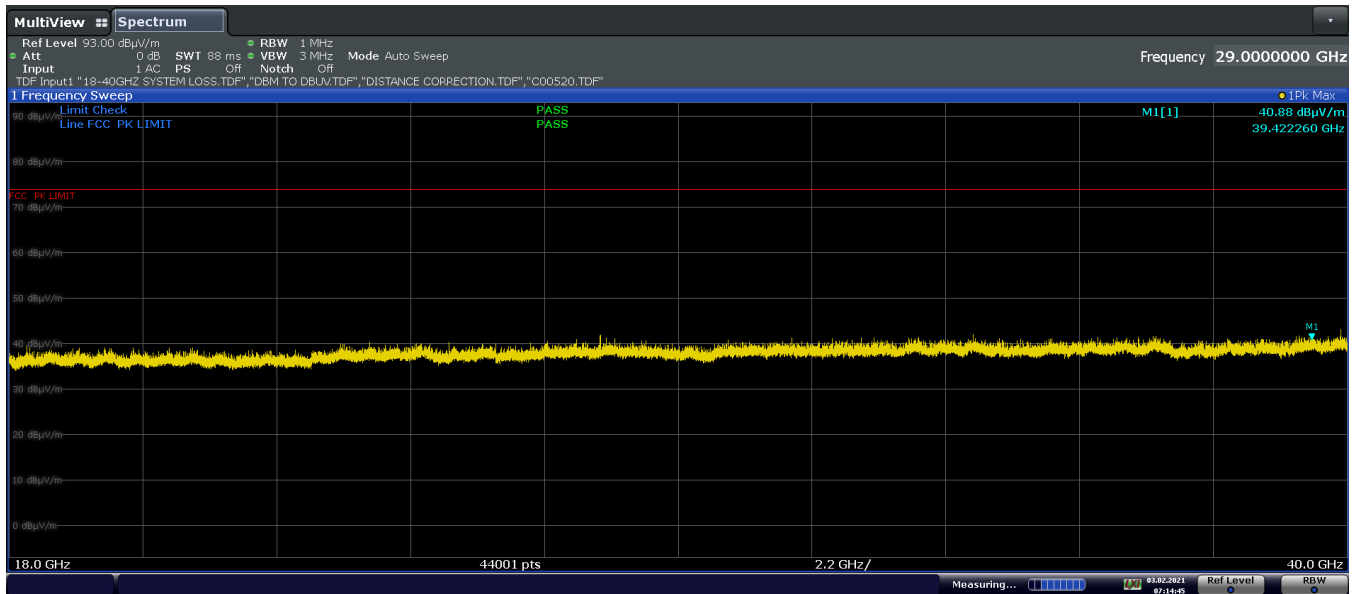
|   | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11000.00        | Average  | -               | -                   | -                          | -83.98               | 15.95       | 38.97                   | 53.98          | -15.01      |
| * | 11000.00        | Peak     | -               | -                   | -                          | -72.49               | 15.95       | 50.46                   | 73.98          | -23.52      |
|   | 16500.00        | Peak     | -               | -                   | -                          | -72.35               | 21.84       | 56.49                   | 68.20          | -11.71      |

Table 7-149. Radiated Measurements CDD (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 203 of 257                 |

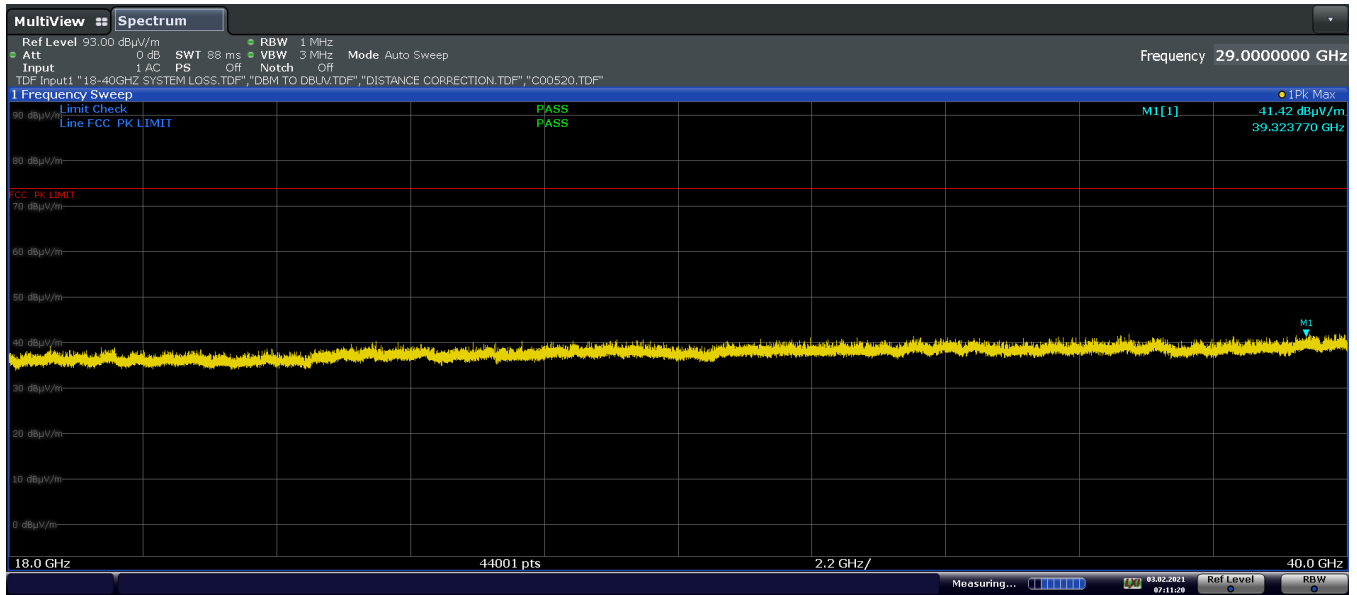


Plot 7-416. RSE above 1GHz SDM (11ax – Ch.116 – RU242)



Plot 7-417. RSE 18GHz – 40 GHz SDM (11ax Ch.116 — RU242, Pol. H)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 204 of 257                 |



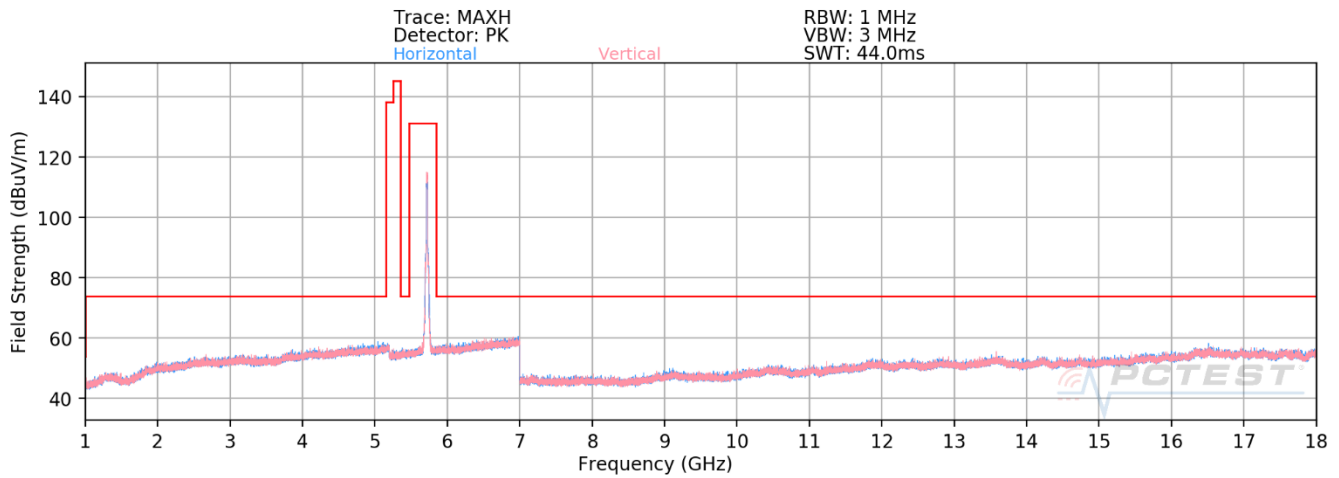
Plot 7-418. RSE 18 GHz - 40GHz SDM (11ax Ch.116 — RU242, Pol. V)

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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11160.00        | Average  | -               | -                   | -                          | -83.63               | 15.26       | 38.63                   | 53.98          | -15.35      |
| * | 11160.00        | Peak     | -               | -                   | -                          | -72.44               | 15.26       | 49.82                   | 73.98          | -24.16      |
|   | 16740.00        | Peak     | -               | -                   | -                          | -72.61               | 21.63       | 56.02                   | 68.20          | -12.18      |

Table 7-150. Radiated Measurements SDM (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 205 of 257                 |



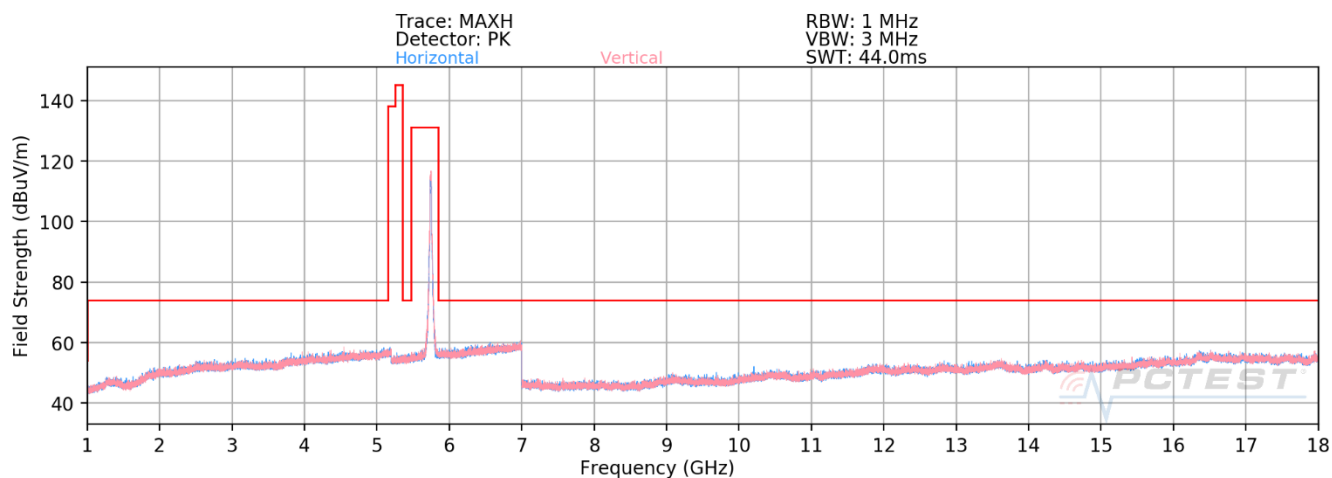
Plot 7-419. RSE above 1GHz SDM (11ax – Ch.144 – RU242)

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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11440.00        | Average  | -               | -                   | -                          | -83.84               | 15.99       | 39.15                   | 53.98          | -14.83      |
| * | 11440.00        | Peak     | -               | -                   | -                          | -72.22               | 15.99       | 50.77                   | 73.98          | -23.21      |
|   | 17160.00        | Peak     | -               | -                   | -                          | -71.69               | 21.48       | 56.79                   | 68.20          | -11.41      |

Table 7-151. Radiated Measurements SDM (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 206 of 257                 |



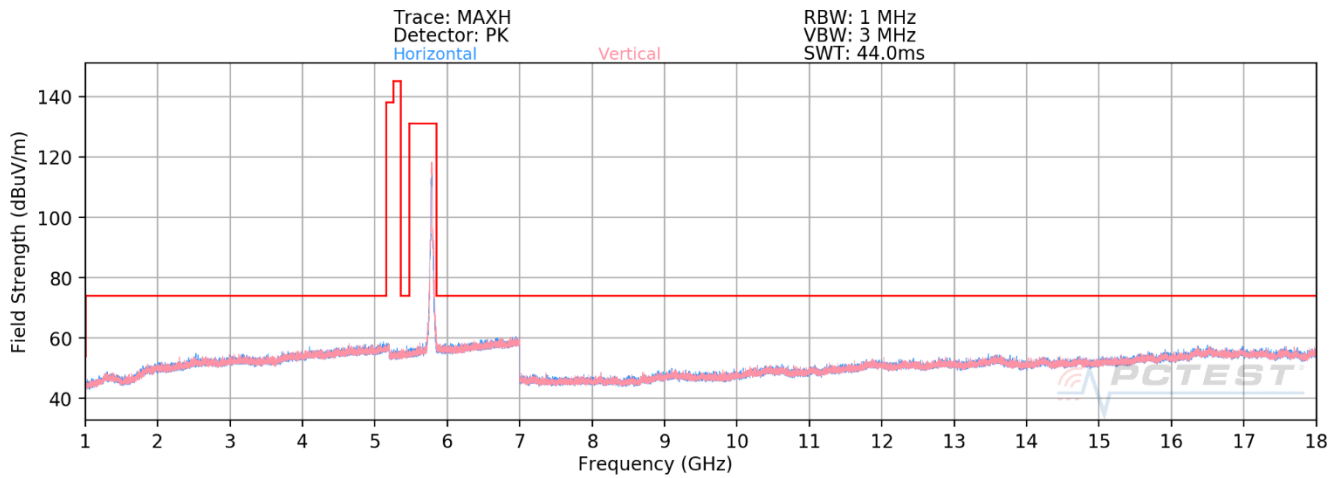
Plot 7-420. RSE above 1GHz CDD (11ax – Ch.149 – RU242)

Mode: 802.11ax (20MHz BW)  
Data Rate: MCS11  
RU Index: 61  
Distance of Measurements: 3 Meters  
Operating Frequency: 5745MHz  
Channel: 149

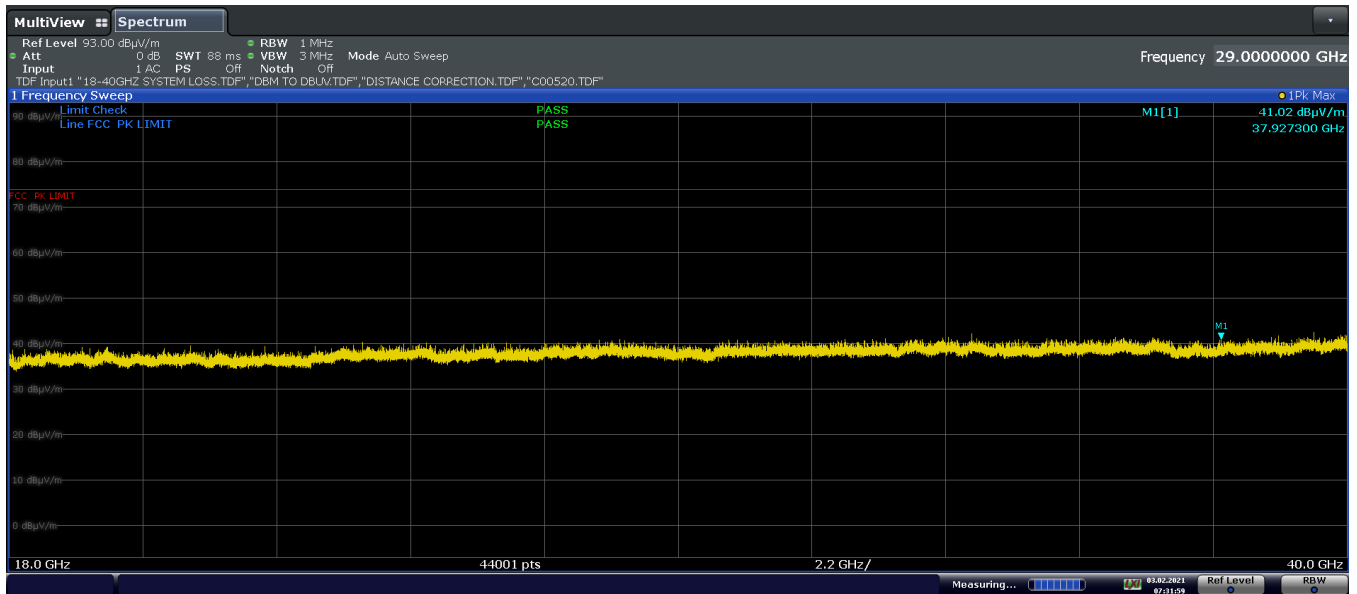
|   | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11490.00        | Average  | -               | -                   | -                          | -83.41               | 16.18       | 39.77                   | 53.98          | -14.21      |
| * | 11490.00        | Peak     | -               | -                   | -                          | -71.98               | 16.18       | 51.20                   | 73.98          | -22.78      |
|   | 17235.00        | Peak     | -               | -                   | -                          | -71.62               | 21.28       | 56.66                   | 68.20          | -11.54      |

Table 7-152. Radiated Measurements CDD (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 207 of 257                 |

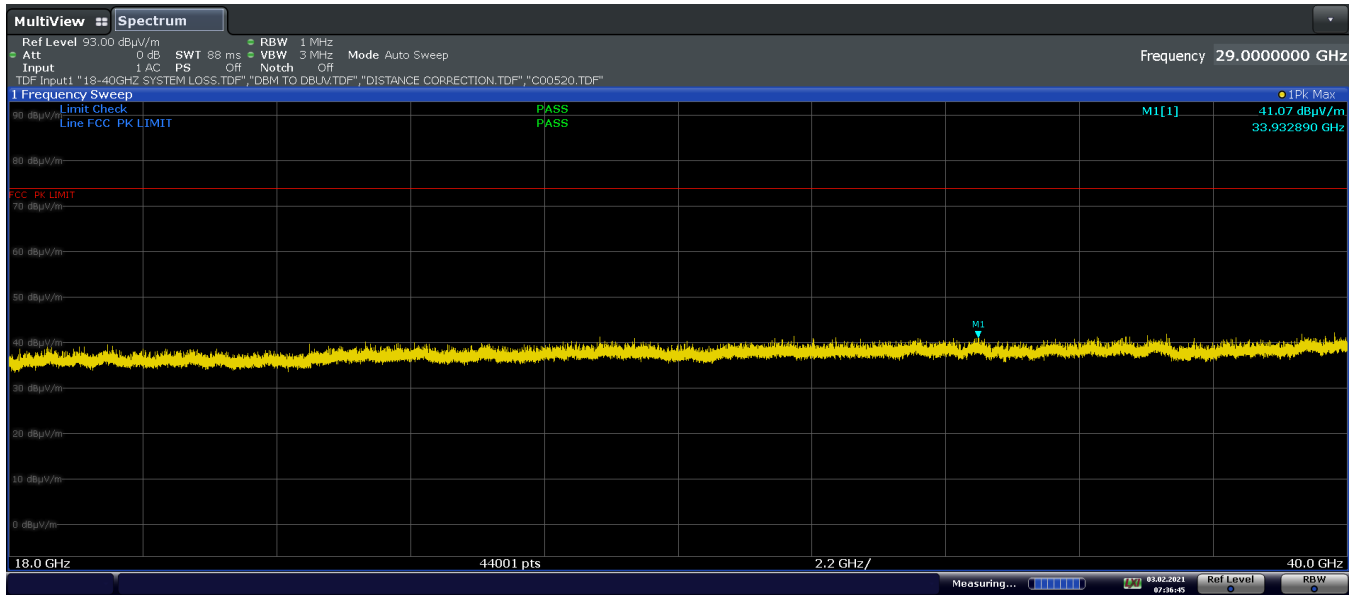


Plot 7-421. RSE above 1GHz CDD (11ax – Ch.157 – RU242)



Plot 7-422. RSE 18GHz – 40 GHz CDD (11ax Ch.157 — RU242, Pol. H)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 208 of 257                 |



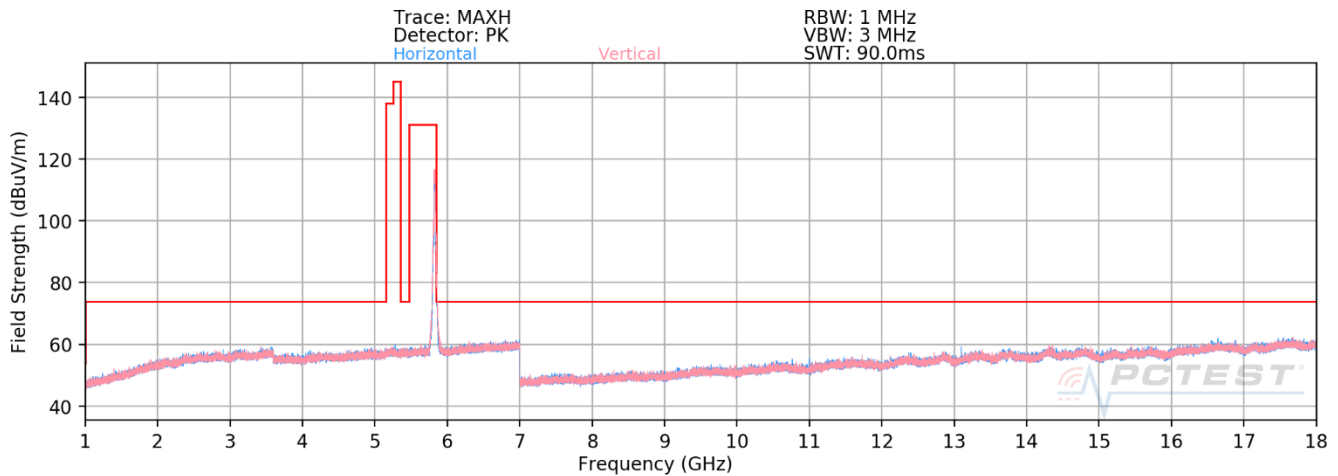
Plot 7-423. RSE 18 GHz - 40GHz CDD (11ax Ch.157 — RU242, Pol. V)

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 [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11570.00        | Average  | -               | -                   | -                          | -83.05               | 15.82       | 39.77                   | 53.98          | -14.21      |
| * | 11570.00        | Peak     | -               | -                   | -                          | -70.62               | 15.82       | 52.20                   | 73.98          | -21.78      |
|   | 17355.00        | Peak     | -               | -                   | -                          | -71.98               | 21.15       | 56.17                   | 68.20          | -12.03      |

Table 7-153. Radiated Measurements CDD (RU242)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 209 of 257                 |



Plot 7-424. RSE above 1GHz CDD (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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * | 11650.00        | Average  | -               | -                   | -                          | -81.62               | 16.58       | 41.96                   | 53.98          | -12.02      |
| * | 11650.00        | Peak     | -               | -                   | -                          | -68.38               | 16.58       | 55.20                   | 73.98          | -18.78      |
|   | 17475.00        | Peak     | -               | -                   | -                          | -69.79               | 24.02       | 61.23                   | 68.20          | -6.97       |

Table 7-154. Radiated Measurements CDD (RU242)

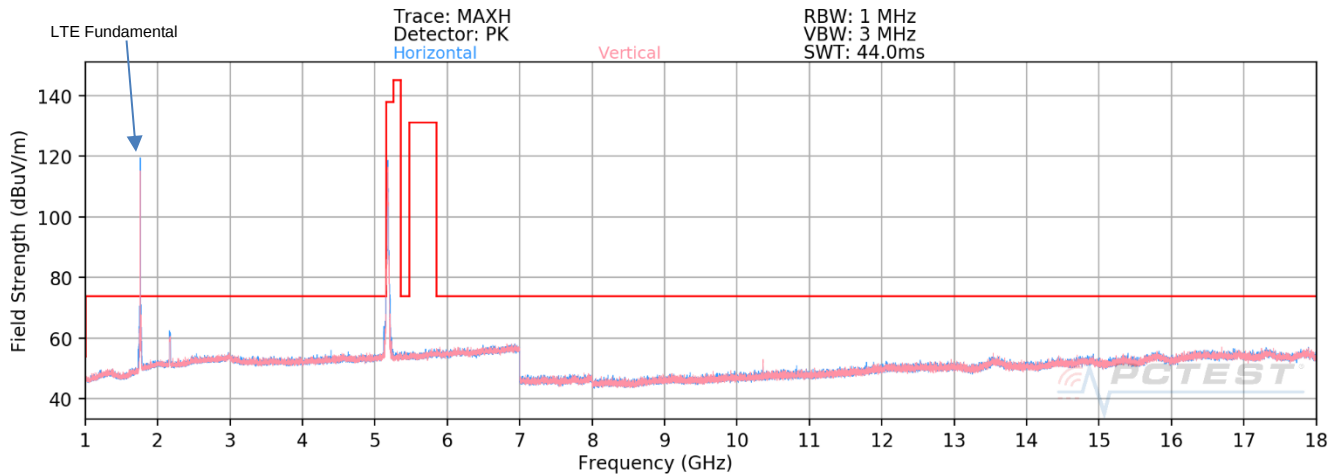
|                                            |                                                                                     |                                       |                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021                                               | EUT Type:<br>Tablet Device            | Page 210 of 257                 |

## Simultaneous Tx Radiated Spurious Emissions Measurements

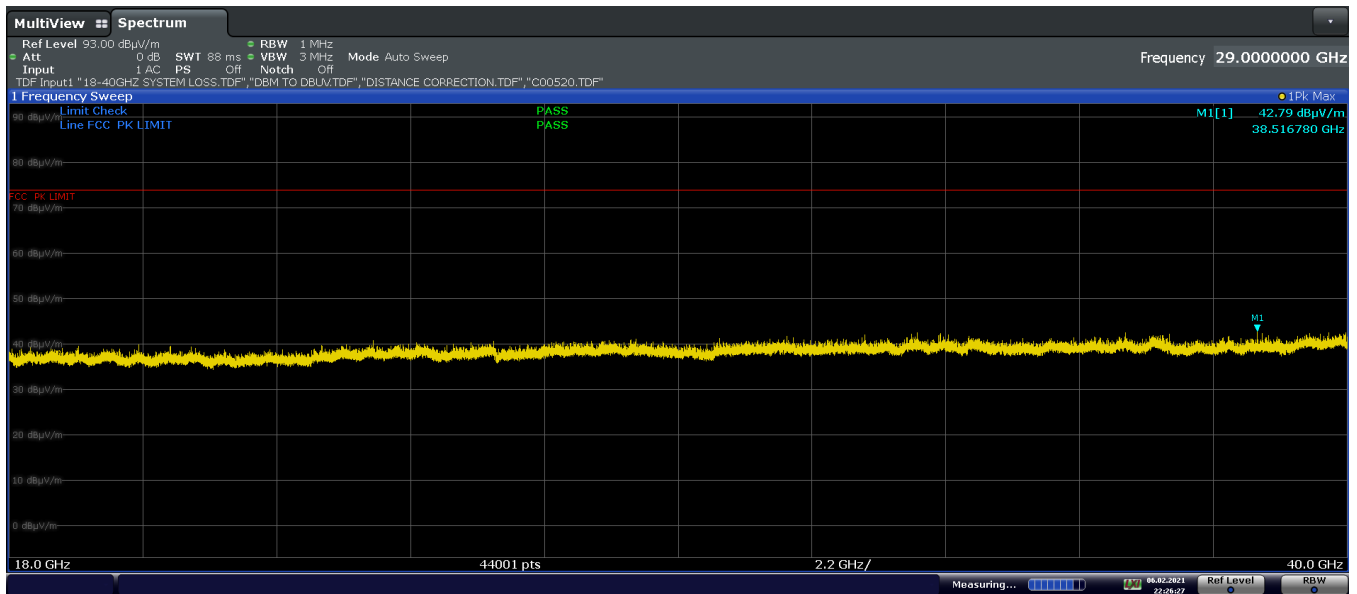
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

| Description               | LTE (Band 66)  | 802.11a/n/ac/ax 5GHz |
|---------------------------|----------------|----------------------|
| Antenna                   | Antenna 4b     | Antenna 4b           |
| Channel                   | 132572         | 36                   |
| Operating Frequency (MHz) | 1770           | 5180                 |
| Mode/Modulation           | QPSK/1RB/20MHz | 802.11ax/RU26/MCS11  |

Table 7-155. Worst Case Simultaneous Transmission Configuration

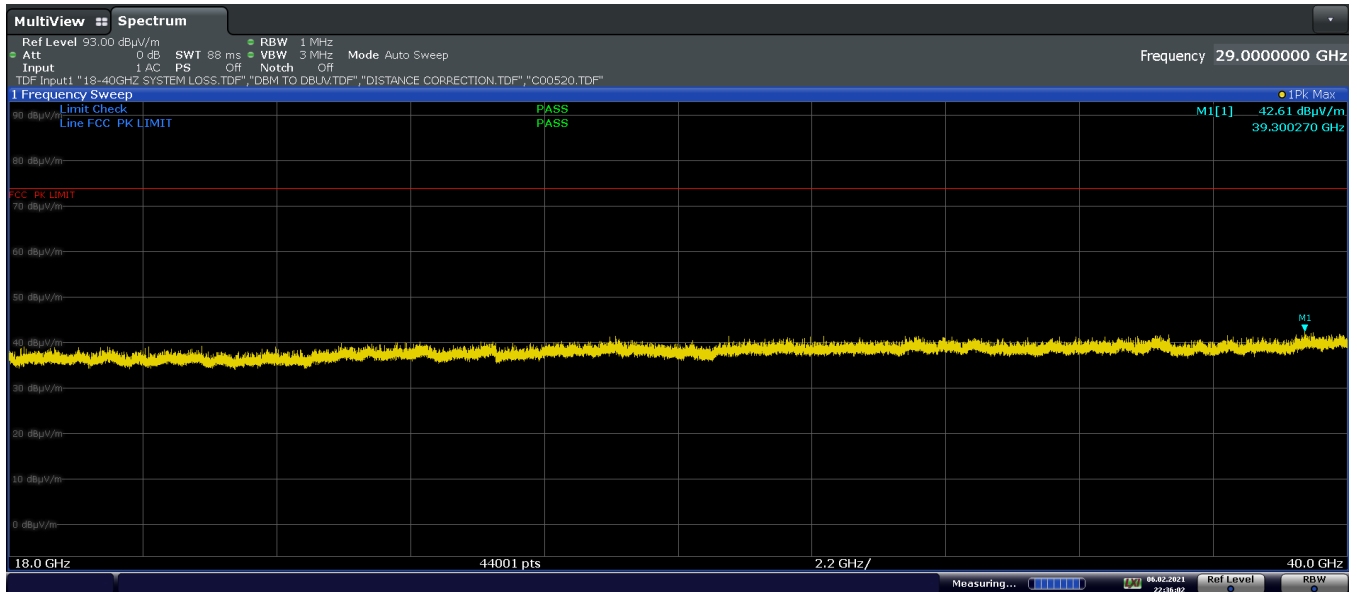


Plot 7-425. Radiated Spurious Emissions above 1GHz Simultaneous Tx



Plot 7-426. Radiated Spurious Emissions - Simultaneous Transmission 18GHz-40GHz Pol. H

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 211 of 257                 |



Plot 7-427. Radiated Spurious Emissions - Simultaneous Transmission 18GHz-40GHz Pol. V

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10360.00        | Peak     | V               | 238                 | 240                        | -65.60               | 14.04       | 55.44                   | 68.20          | -12.76      |
| 15540.00        | Avg      | V               | -                   | -                          | -85.40               | 20.21       | 41.81                   | 53.98          | -12.17      |
| 15540.00        | Peak     | V               | -                   | -                          | -74.05               | 20.21       | 53.16                   | 73.98          | -20.82      |

Table 7-156. UNII Harmonics Emissions Measurements in Simultaneous Transmission Mode

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|-------------|
| 3540.00         | V               | -                   | -                          | -51.39                           | 8.16                          | -43.22                        | -13.0       | -30.2       |
| 5310.00         | V               | -                   | -                          | -52.78                           | 10.34                         | -42.44                        | -13.0       | -29.4       |
| 7080.00         | V               | -                   | -                          | -60.63                           | 11.69                         | -48.94                        | -13.0       | -35.9       |
| 8850.00         | V               | -                   | -                          | -61.76                           | 13.19                         | -48.57                        | -13.0       | -35.6       |
| 10620.00        | V               | -                   | -                          | -61.77                           | 13.31                         | -48.46                        | -13.0       | -35.5       |
| 12390.00        | V               | -                   | -                          | -59.49                           | 13.41                         | -46.08                        | -13.0       | -33.1       |
| 8590.00         | V               | -                   | -                          | -64.24                           | 13.24                         | -51.00                        | -13.0       | -38.0       |

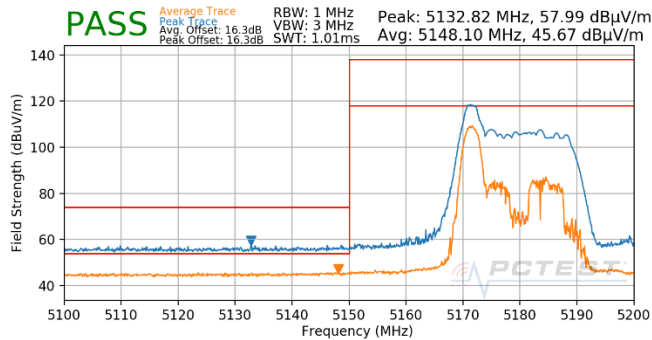
Table 7-157. LTE Harmonics and Intermodulations Emissions Measurements in Simultaneous Transmission Mode

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 212 of 257                 |

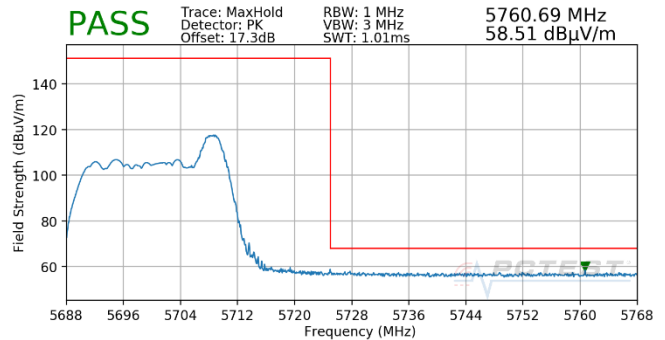
## 7.6.4 Antenna 5b Radiated Band Edge Measurements (20MHz BW)

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

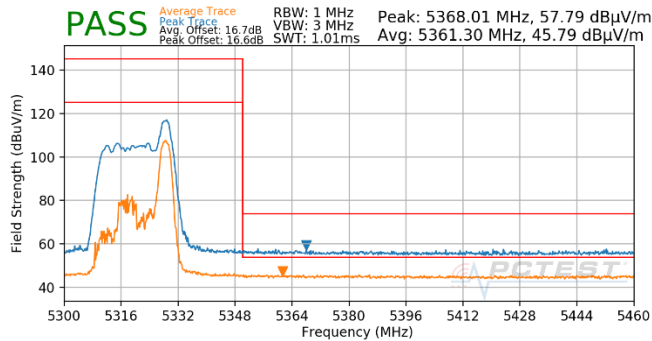
### RU26



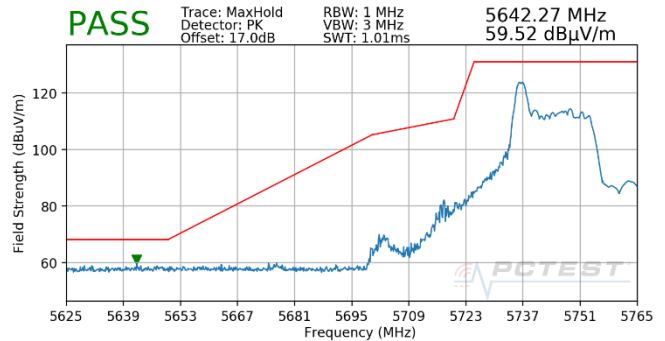
Plot 7-428. Antenna 5b (Pk & Avg, RU26, Index 0, Ch.36, MCS11)



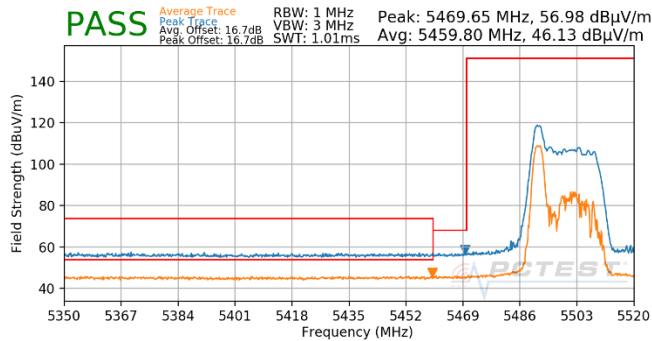
Plot 7-431. Antenna 5b (Pk, RU26, Index 8, Ch.140, MCS11)



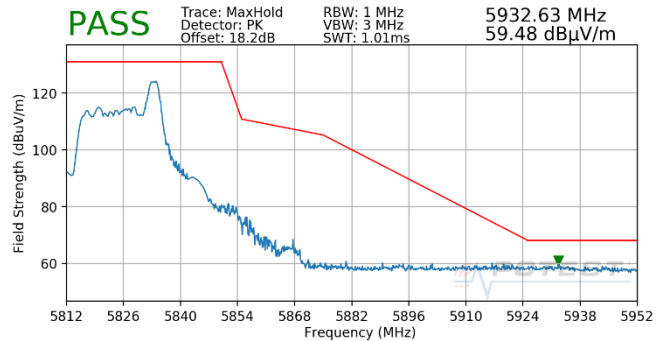
Plot 7-429. Antenna 5b (Pk & Avg, RU26, Index 8, Ch.64, MCS11)



Plot 7-432. Antenna 5b (Pk, RU26, Index 0, Ch.149, MCS11)



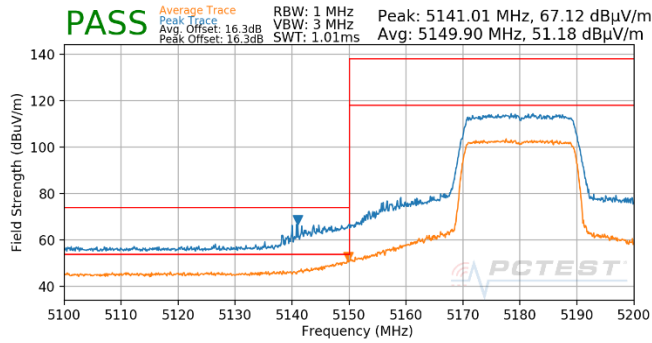
Plot 7-430. Antenna 5b (Pk & Avg, RU26, Index 0, Ch.100, MCS11)



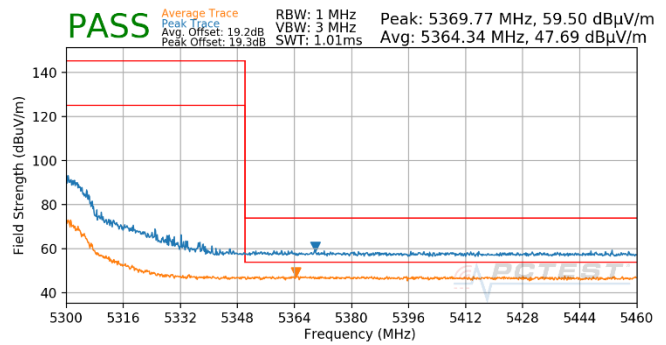
Plot 7-433. Antenna 5b (Pk, RU26, Index 8, Ch.165, MCS11)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 213 of 257                 |

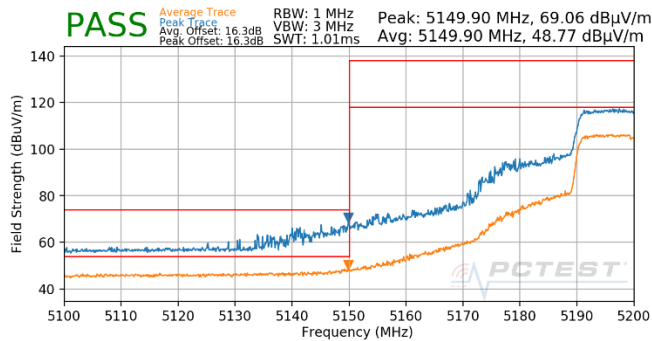
## RU242



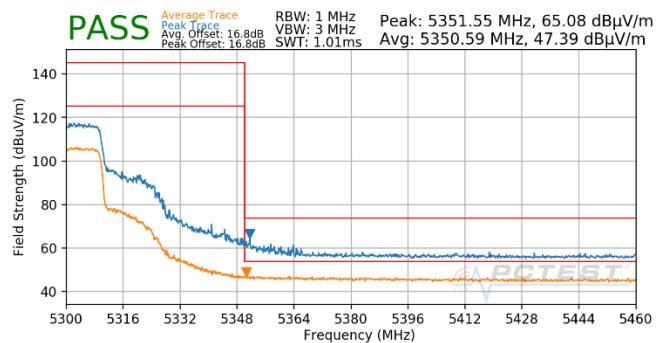
Plot 7-434. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.36, MCS11)



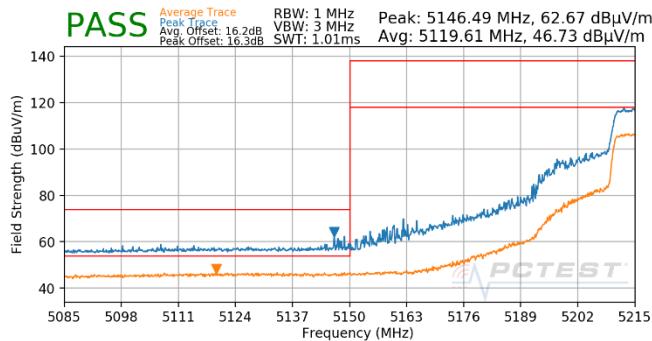
Plot 7-437. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.56, MCS11)



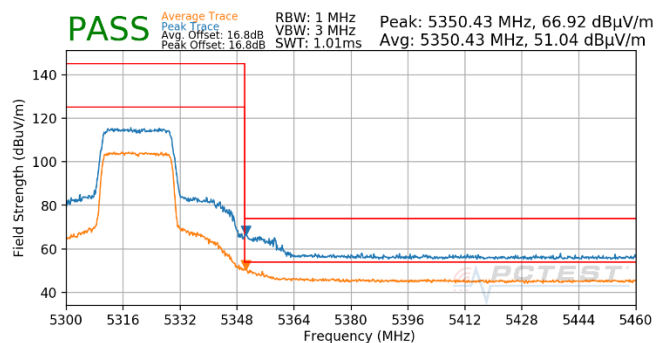
Plot 7-435. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.40, MCS11)



Plot 7-438. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.60, MCS11)

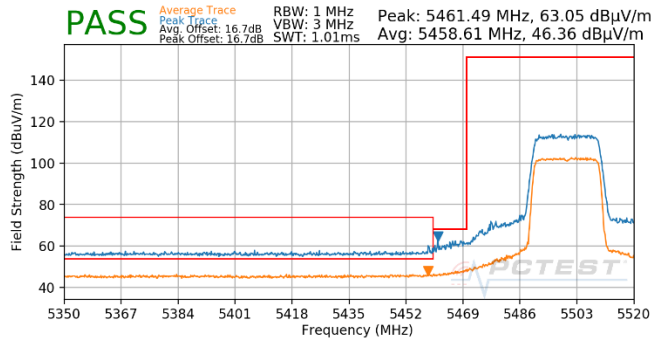


Plot 7-436. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.44, MCS11)

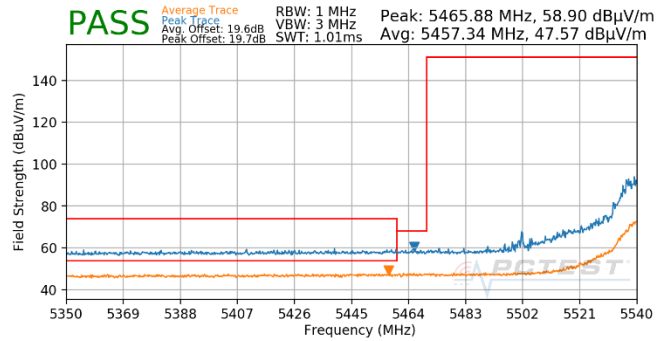


Plot 7-439. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.64, MCS11)

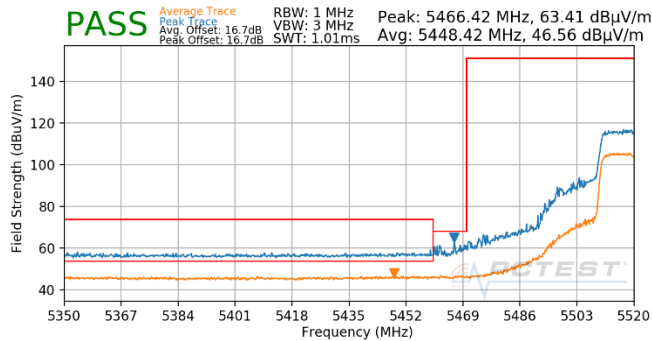
|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 214 of 257                 |



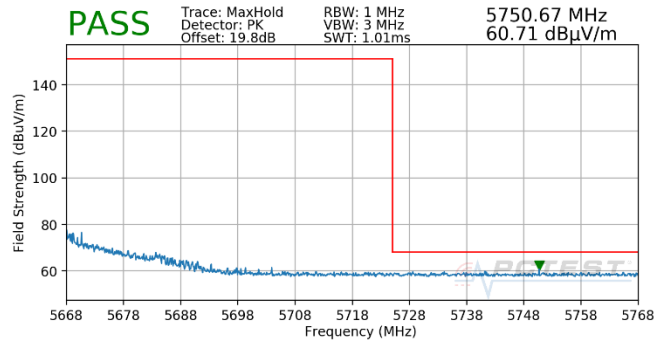
Plot 7-440. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.100, MCS11)



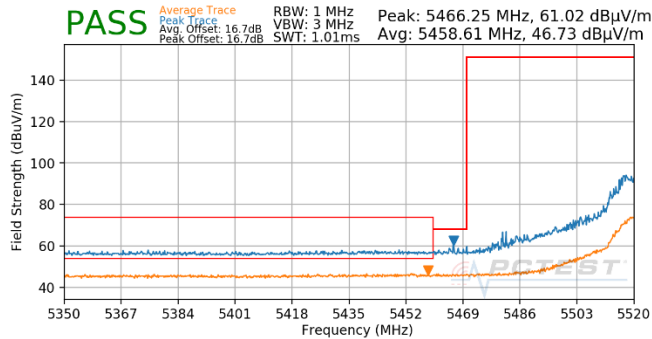
Plot 7-443. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.112, MCS11)



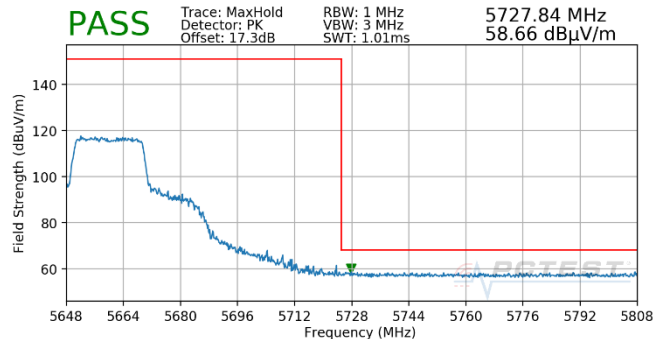
Plot 7-441. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.104, MCS11)



Plot 7-444 Antenna 5b (Pk, RU242, Index 61, Ch.128, MCS11)

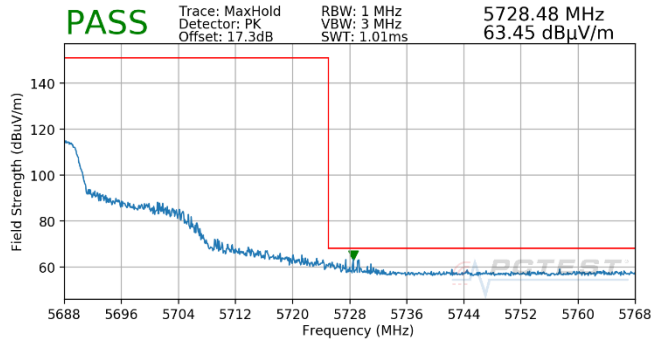


Plot 7-442. Antenna 5b (Pk & Avg, RU242, Index 61, Ch.108, MCS11)

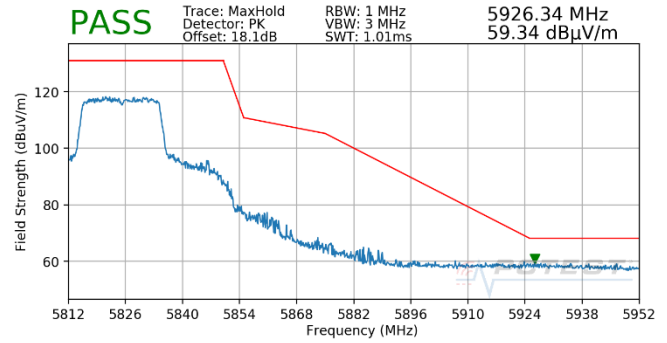


Plot 7-445 Antenna 5b (Pk, RU242, Index 61, Ch.132, MCS11)

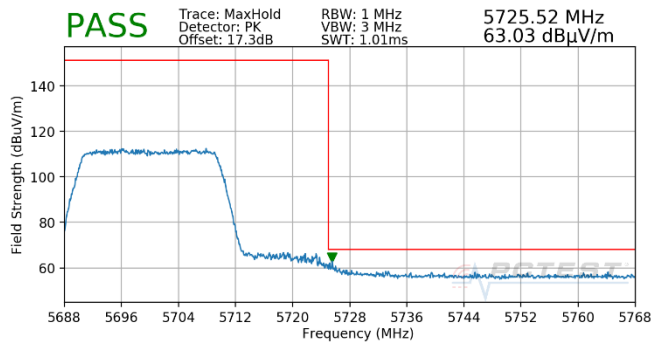
|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 215 of 257                 |



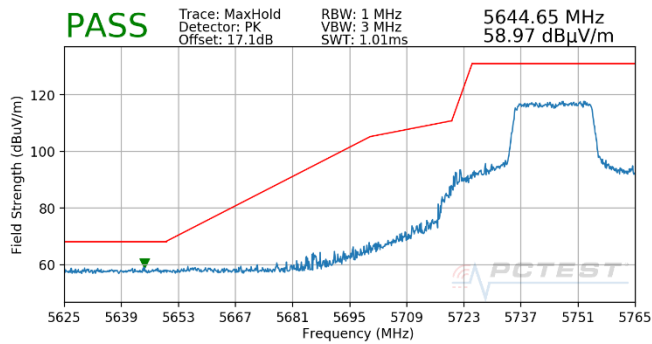
**Plot 7-446. Antenna 5b (Pk, RU242, Index 61, Ch.136, MCS11)**



**Plot 7-449. Antenna 5b (Pk, RU242, Index 61, Ch.165, MCS11)**



**Plot 7-447. Antenna 5b (Pk, RU242, Index 61, Ch.140, MCS11)**

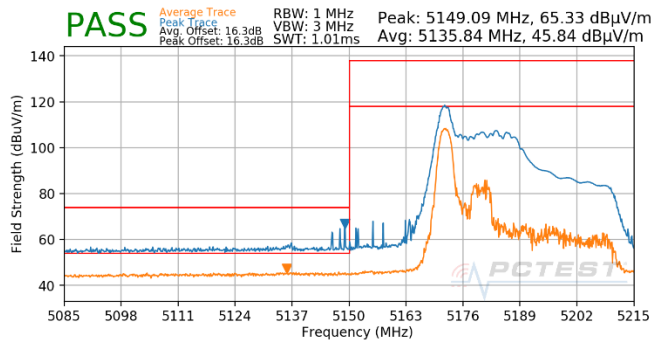


**Plot 7-448. Antenna 5b (Pk, RU242, Index 61, Ch.149, MCS11)**

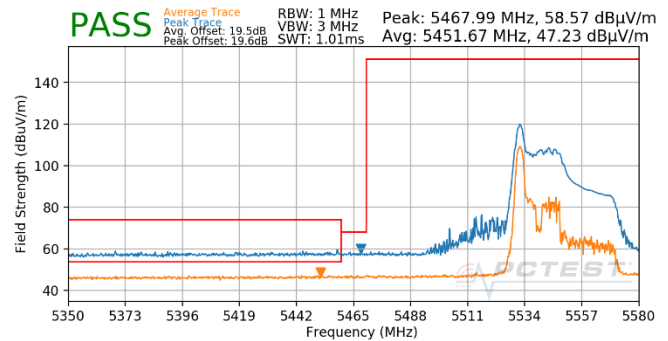
|                                                   |                                                                                                                                                                                                              |                                               |                                        |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301                |  <b>PCTEST</b><br>Proud to be part of  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Report S/N:</b><br>1C2101020002-16-R1.BCG | <b>Test Dates:</b><br>12/12/2020 - 3/10/2021                                                                                                                                                                 | <b>EUT Type:</b><br>Tablet Device             | Page 216 of 257                        |

## 7.6.6 Antenna 5b Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

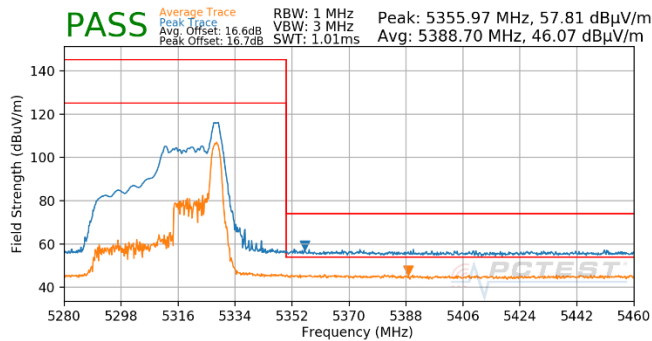
### RU26



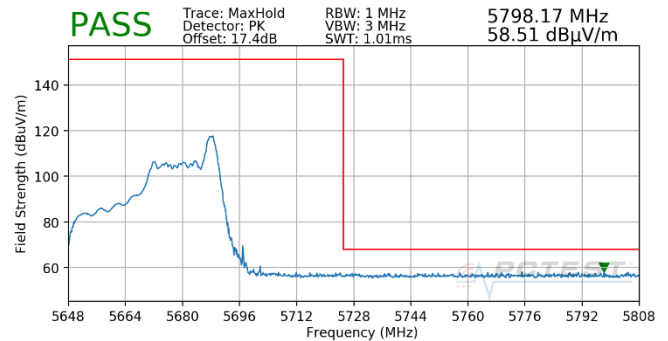
Plot 7-450. Antenna 5b (Pk & Avg, RU26, Index 0, Ch.38, MCS11)



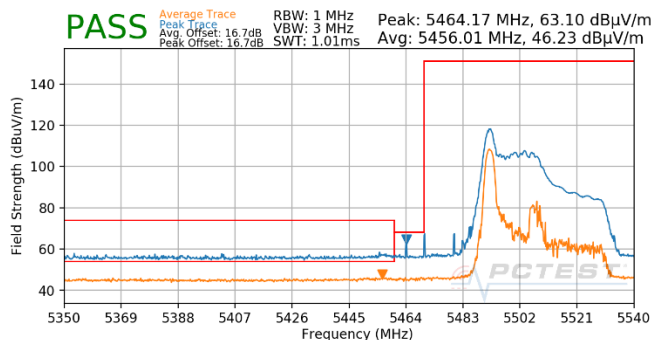
Plot 7-453. Antenna 5b (Pk & Avg, RU26, Index 0, Ch.110, MCS11)



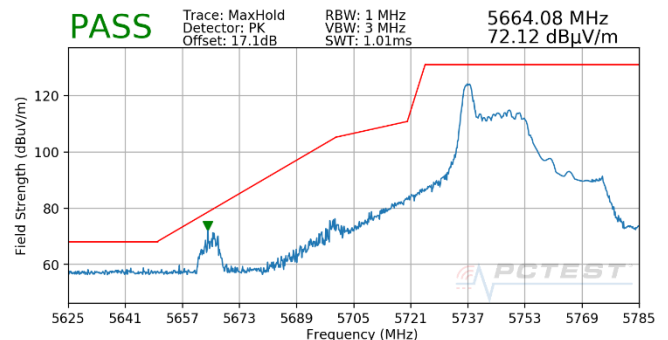
Plot 7-451. Antenna 5b (Pk & Avg, RU26, Index 17, Ch.62, MCS11)



Plot 7-454. Antenna 5b (Pk, RU26, Index 17, Ch.134, MCS11)



Plot 7-452. Antenna 5b (Pk & Avg, RU26, Index 0, Ch.102, MCS11)



Plot 7-455. Antenna 5b (Pk, RU26, Index 0, Ch.151, MCS11)

|                                            |                                              |                                       |                                 |
|--------------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2301<br>IC: 579C-A2301         | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2101020002-16-R1.BCG | Test Dates:<br>12/12/2020 - 3/10/2021        | EUT Type:<br>Tablet Device            | Page 217 of 257                 |