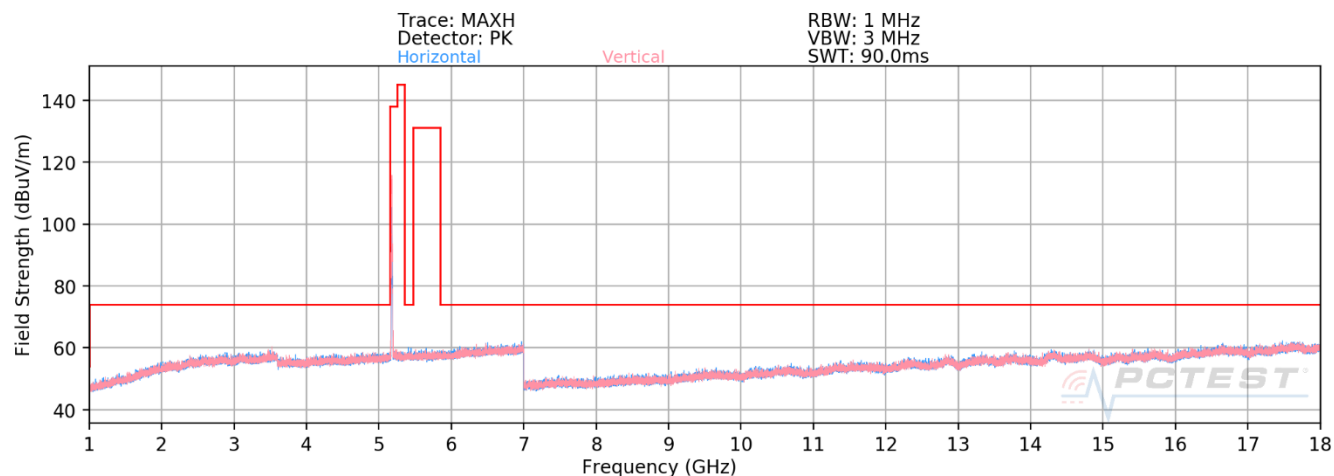


7.6.1 Antenna 5b Radiated Spurious Emission

RU26



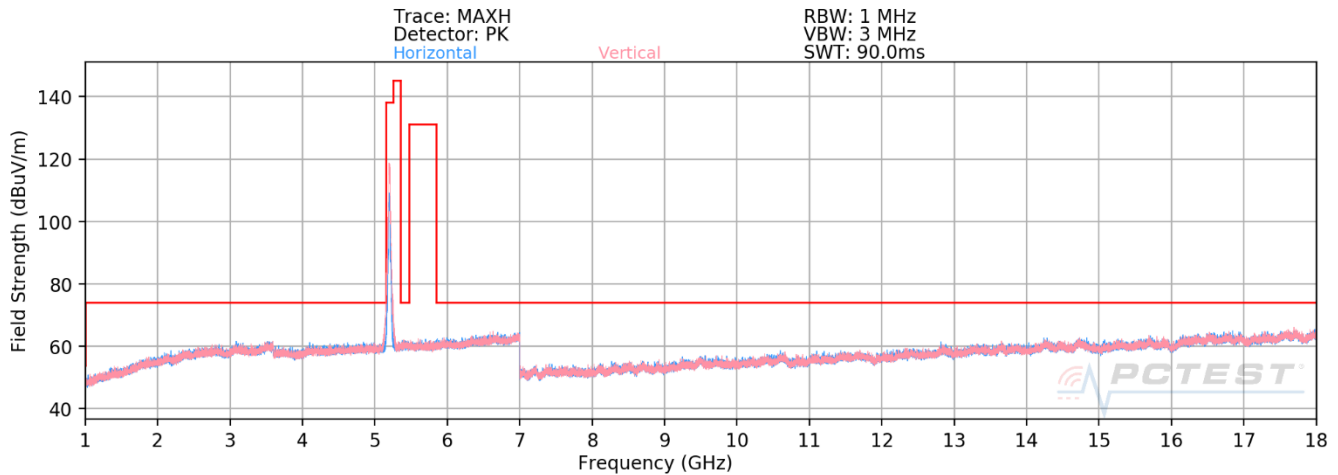
Plot 7-337. RSE above 1GHz Antenna 5b (11ax - Ch.36 - RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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 131 of 257



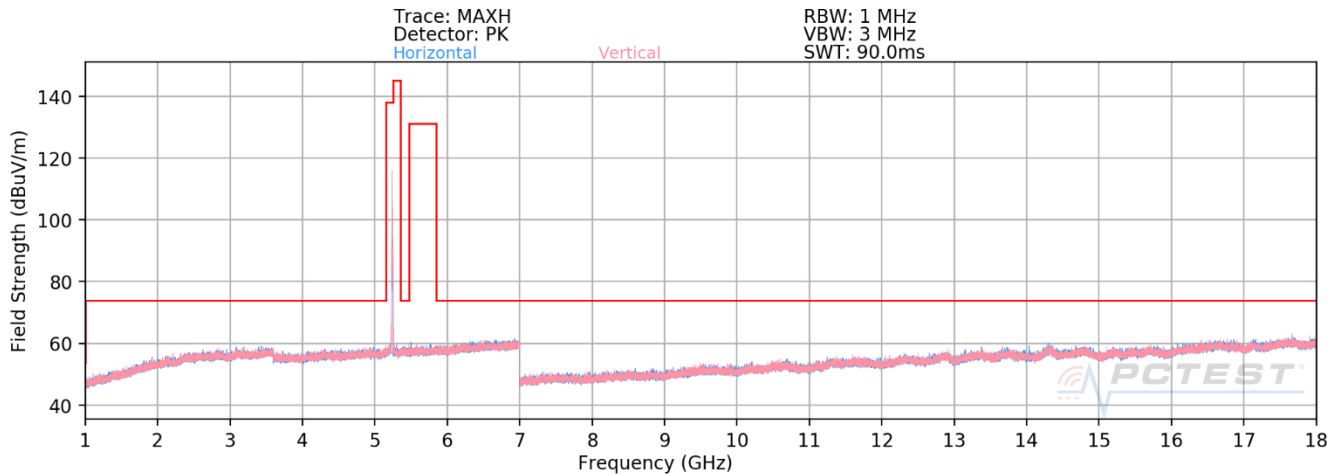
Plot 7-338. RSE above 1GHz Antenna 5b (11ax – Ch.40 – RU26)

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 [dBuV/m]	Limit [dBuV/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		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 132 of 257



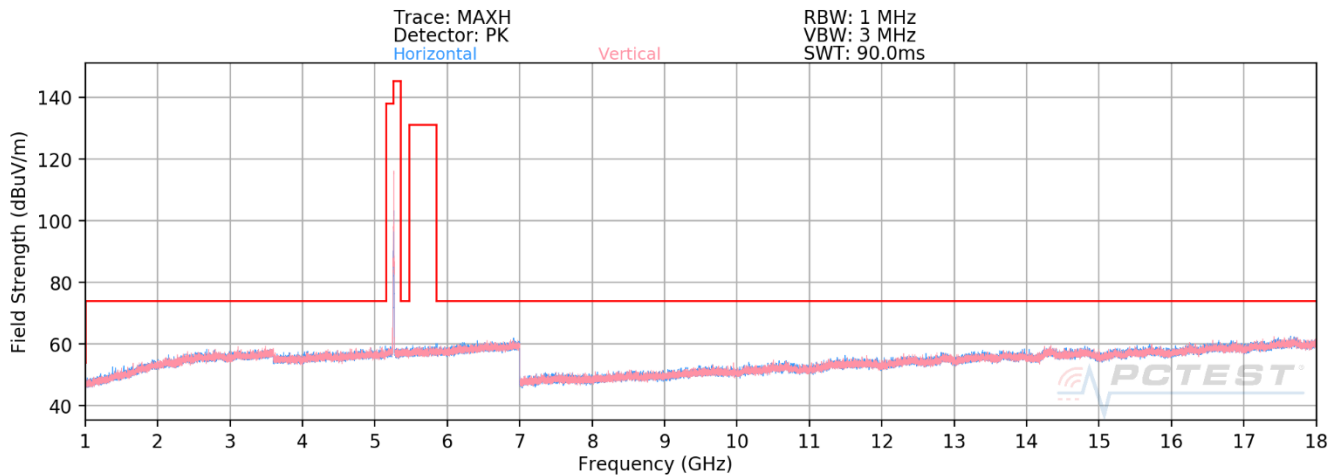
Plot 7-339. RSE above 1GHz Antenna 5b (11ax – Ch.48 – RU26)

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 [dBuV/m]	Limit [dBuV/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	PCTEST Proud to be part of element	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



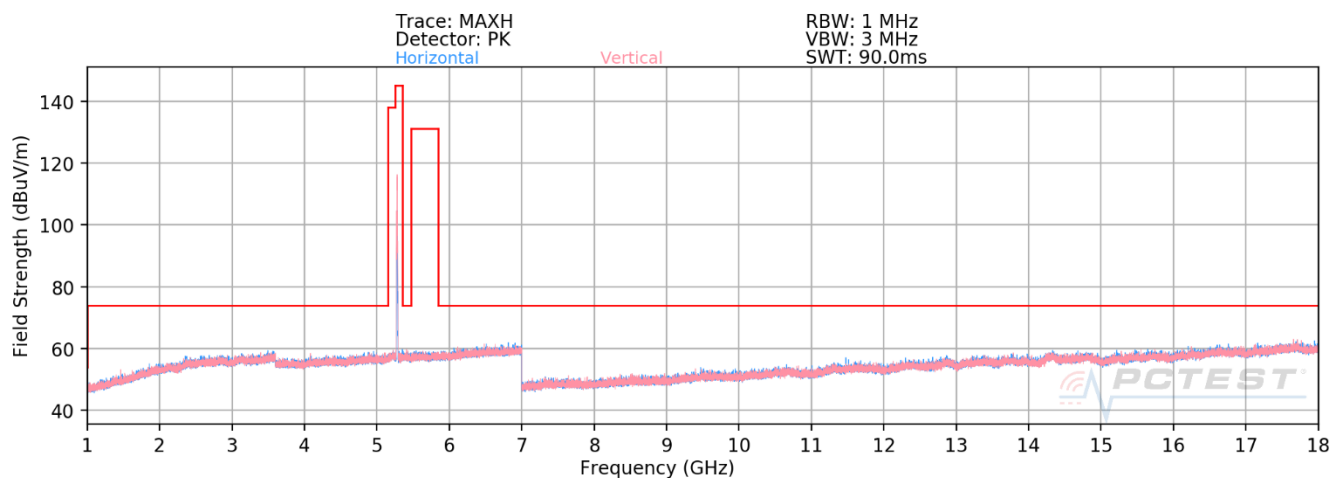
Plot 7-340. RSE above 1GHz Antenna 5b (11ax – Ch.52 – RU26)

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 element	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 134 of 257



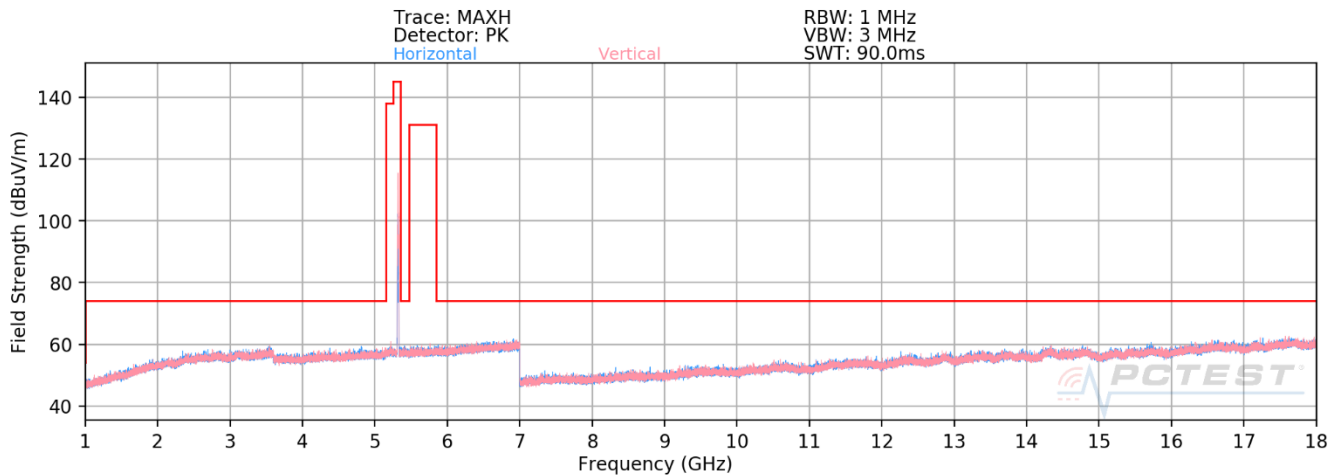
Plot 7-341. RSE above 1GHz Antenna 5b (11ax – Ch.56 – RU26)

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 element	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



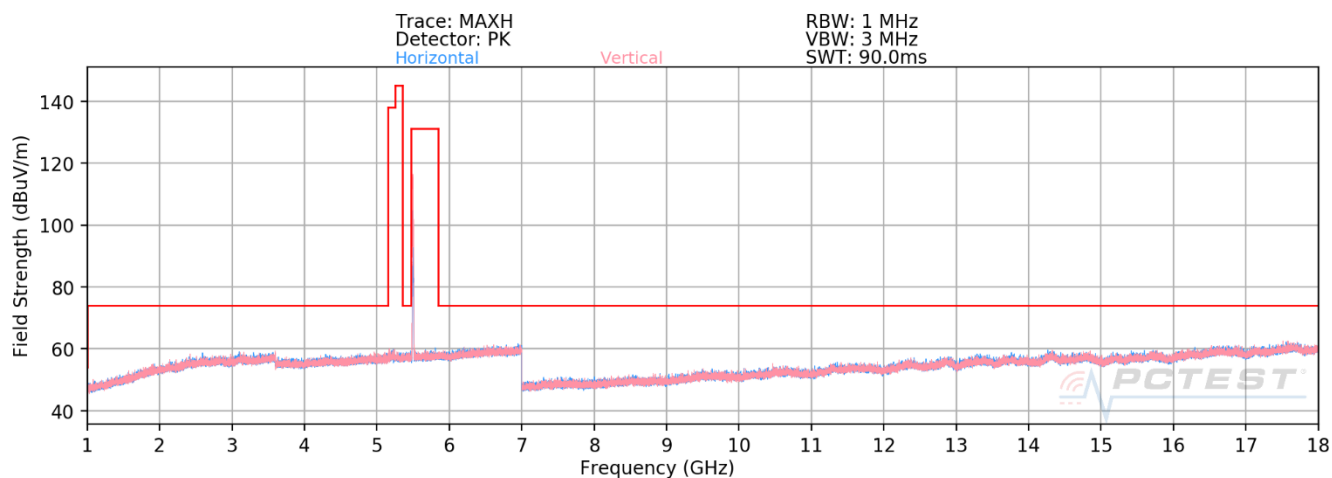
Plot 7-342. RSE above 1GHz Antenna 5b (11ax – Ch.64 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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 136 of 257



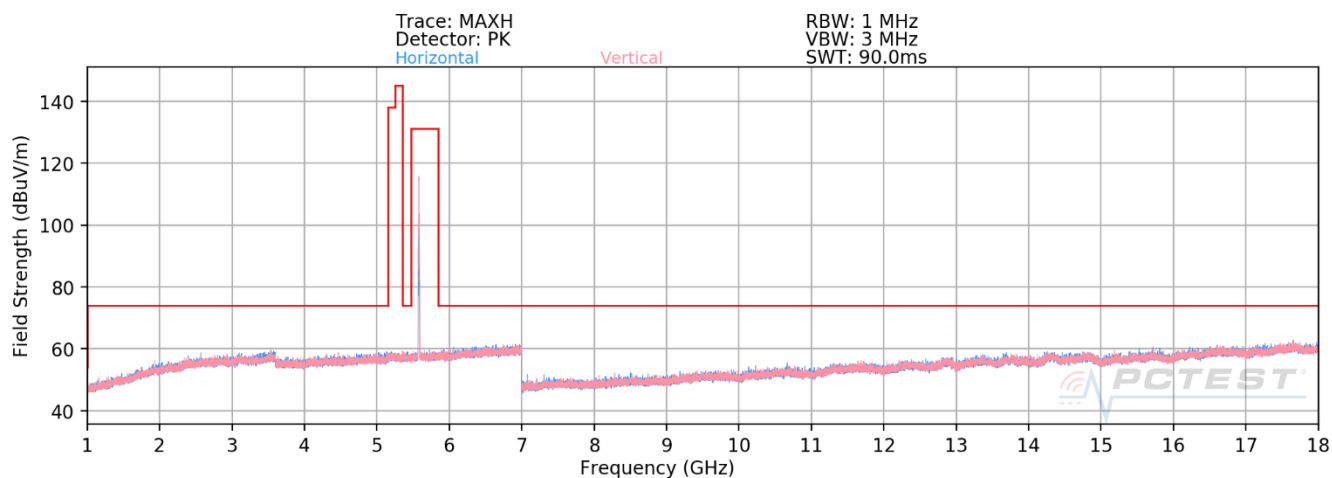
Plot 7-343. RSE above 1GHz Antenna 5b (11ax – Ch.100 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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 137 of 257



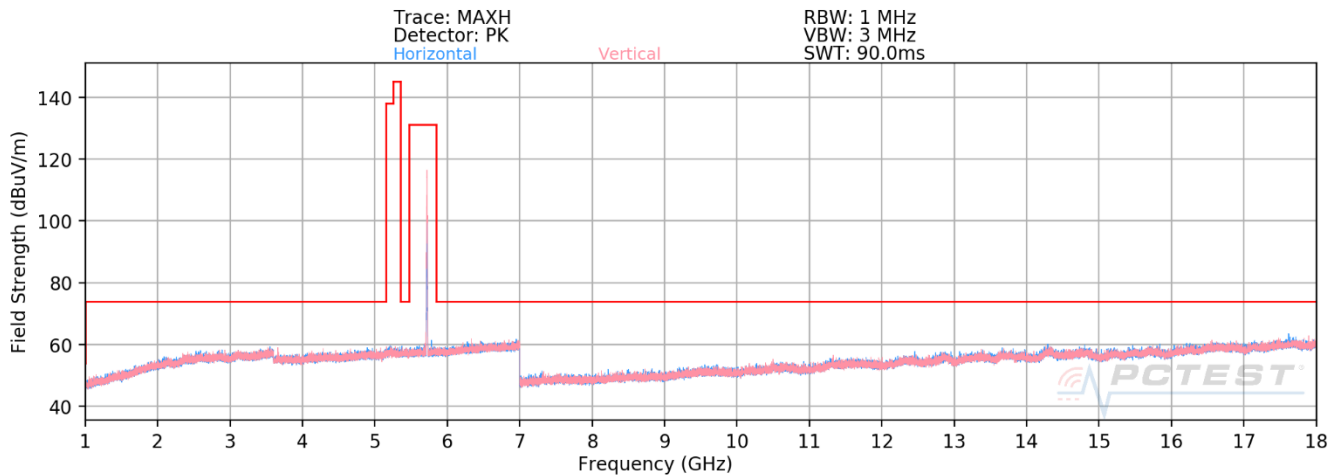
Plot 7-344. RSE above 1GHz Antenna 5b (11ax – Ch.116 – RU26)

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 element	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 138 of 257



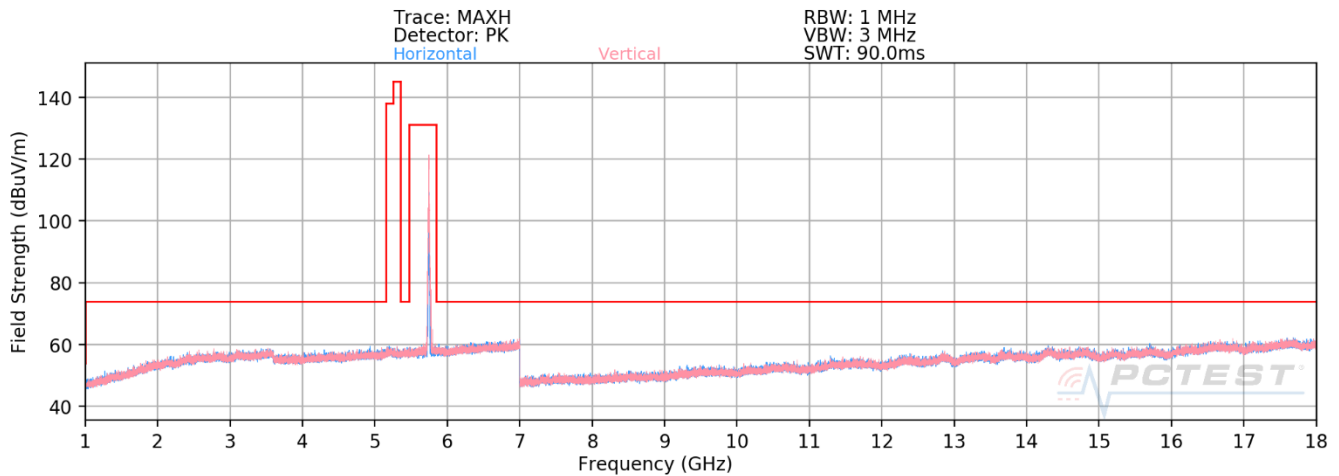
Plot 7-345. RSE above 1GHz Antenna 5b (11ax – Ch.144 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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 139 of 257



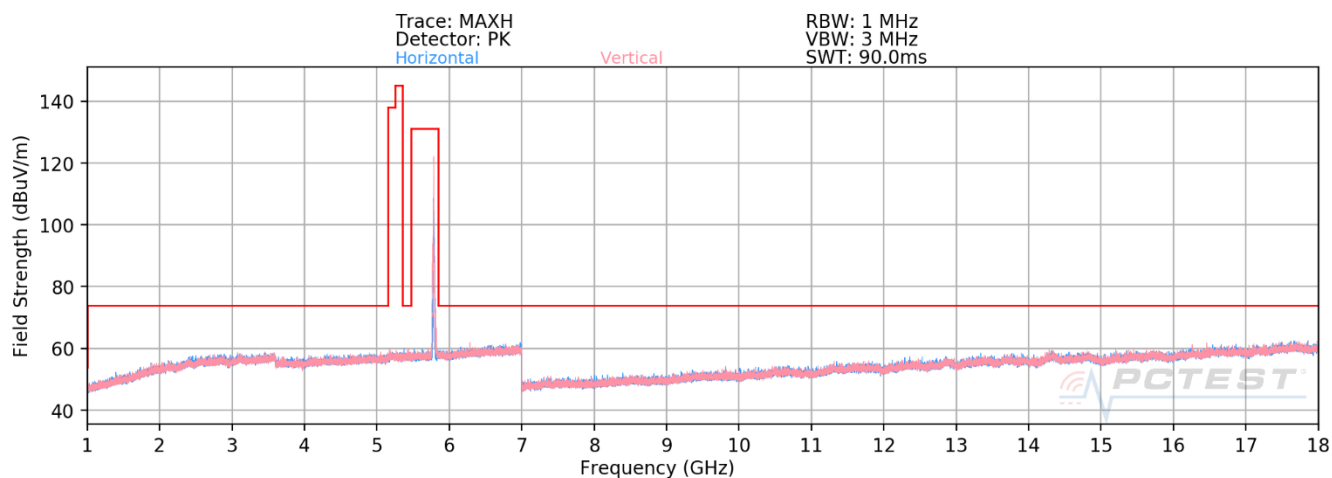
Plot 7-346. RSE above 1GHz Antenna 5b (11ax – Ch.149 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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



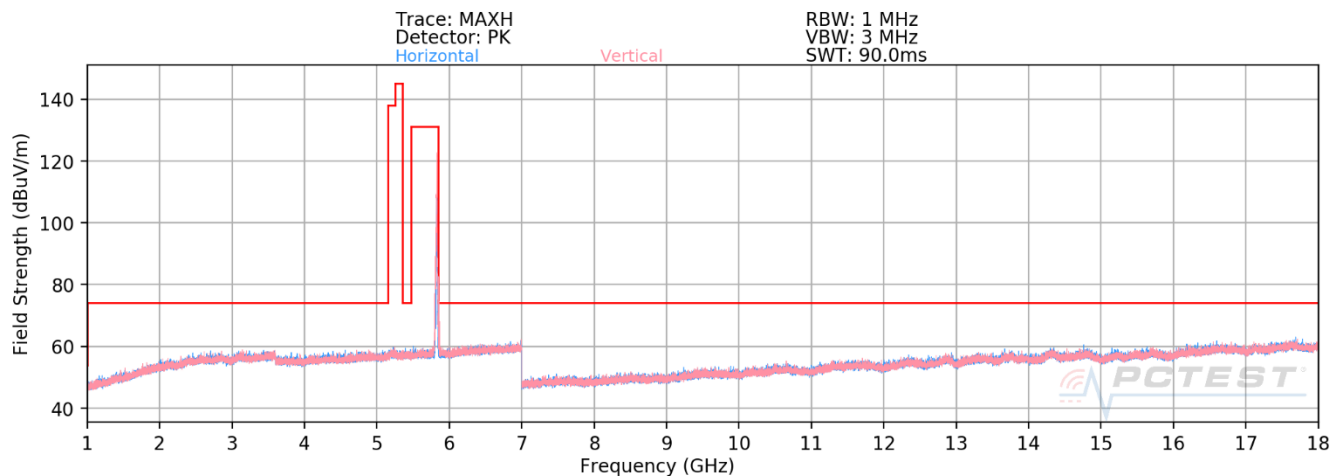
Plot 7-347. RSE above 1GHz Antenna 5b (11ax – Ch.157 – RU26)

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 [dBμV/m]	Limit [dBμV/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 element	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 141 of 257



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

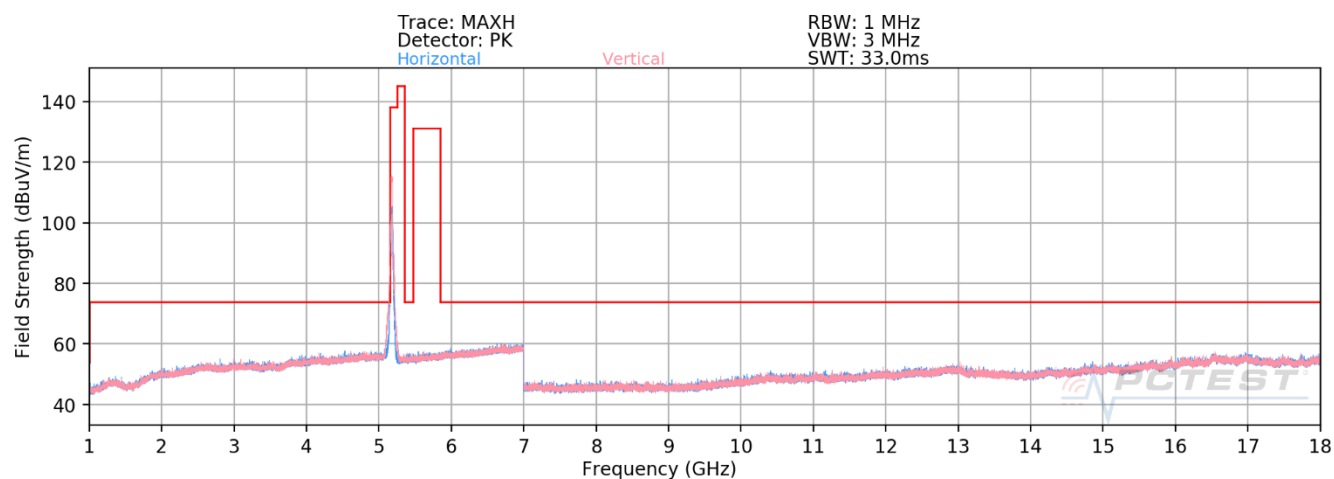
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

	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



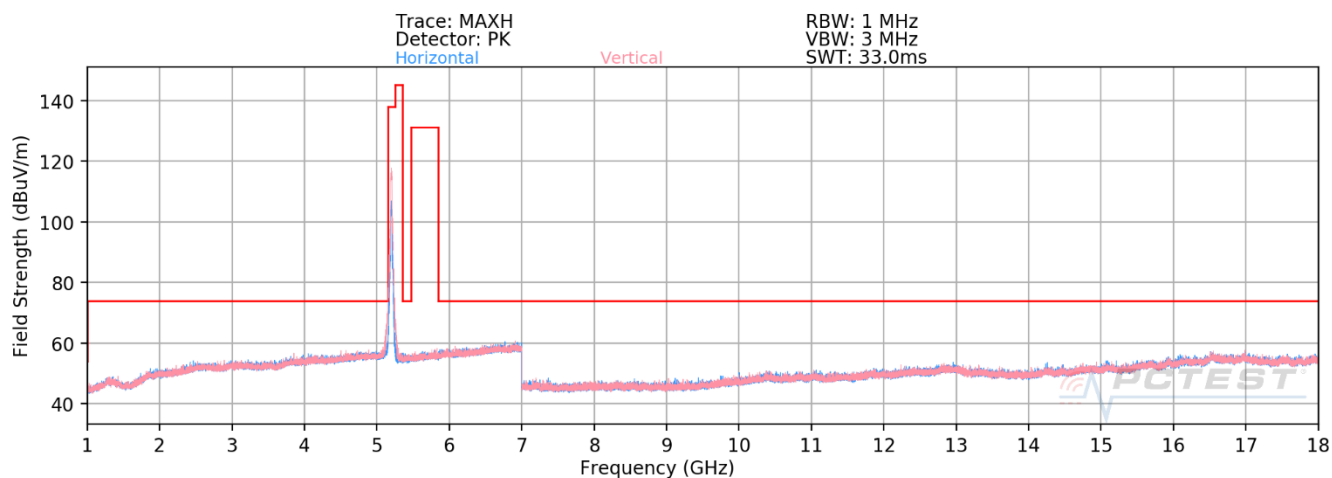
Plot 7-349. RSE above 1GHz Antenna 5b (11ax – Ch.36 – RU242)

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	PCTEST Proud to be part of element	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 143 of 257



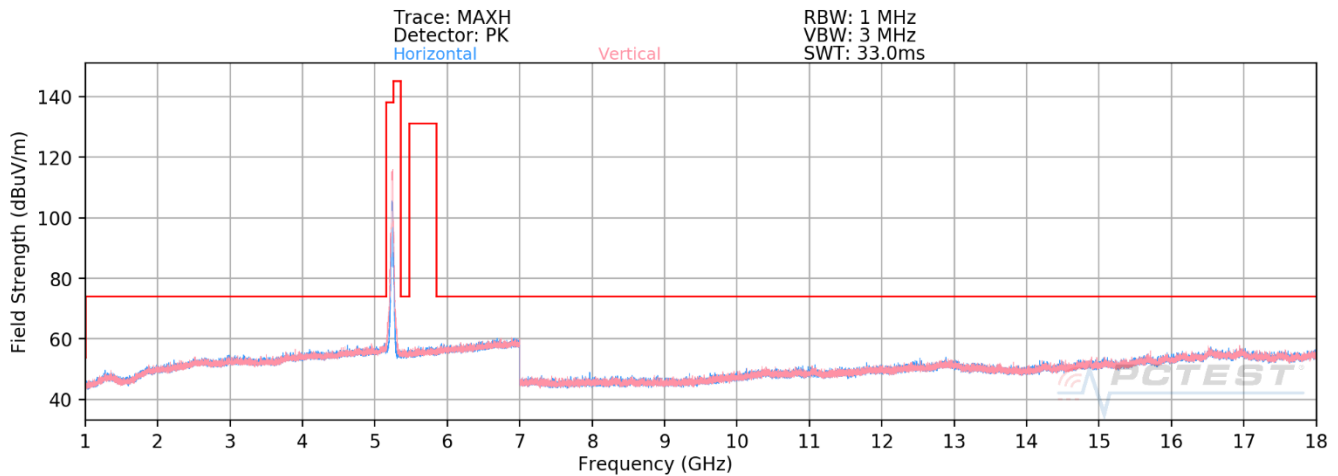
Plot 7-350. RSE above 1GHz Antenna 5b (11ax – Ch.40 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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 144 of 257



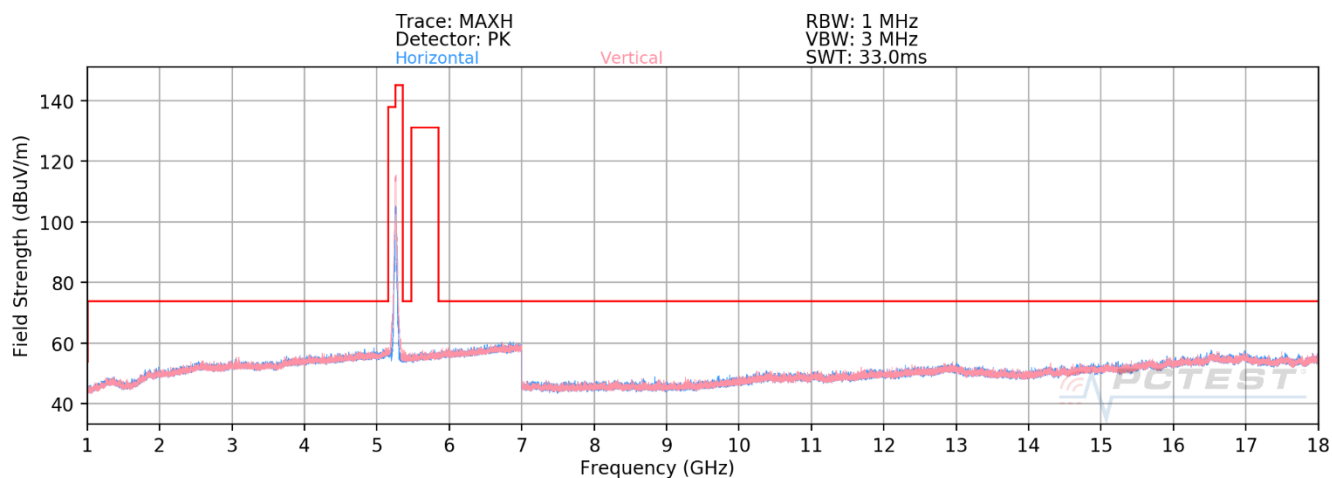
Plot 7-351. RSE above 1GHz Antenna 5b (11ax – Ch.48 – RU242)

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 [dBμV/m]	Limit [dBμV/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 element	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



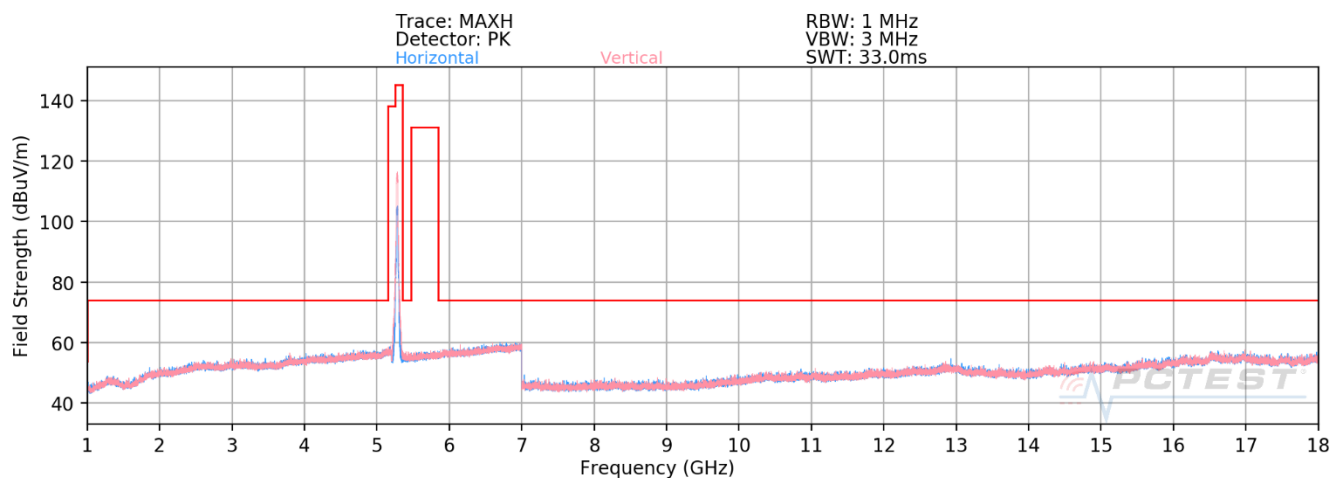
Plot 7-352. RSE above 1GHz Antenna 5b (11ax – Ch.52 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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



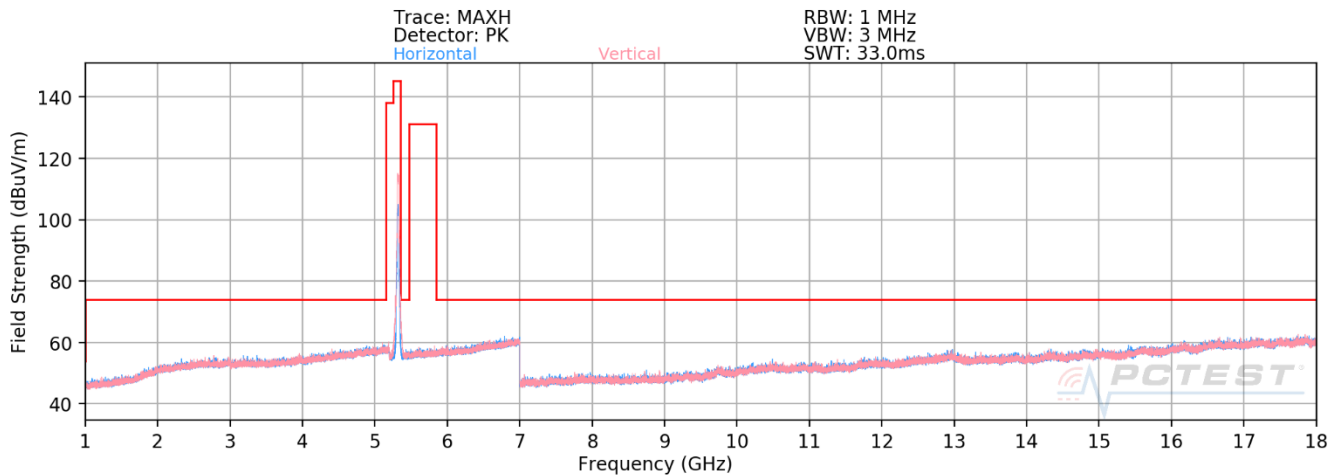
Plot 7-353. RSE above 1GHz Antenna 5b (11ax – Ch.56 – RU242)

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 element	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



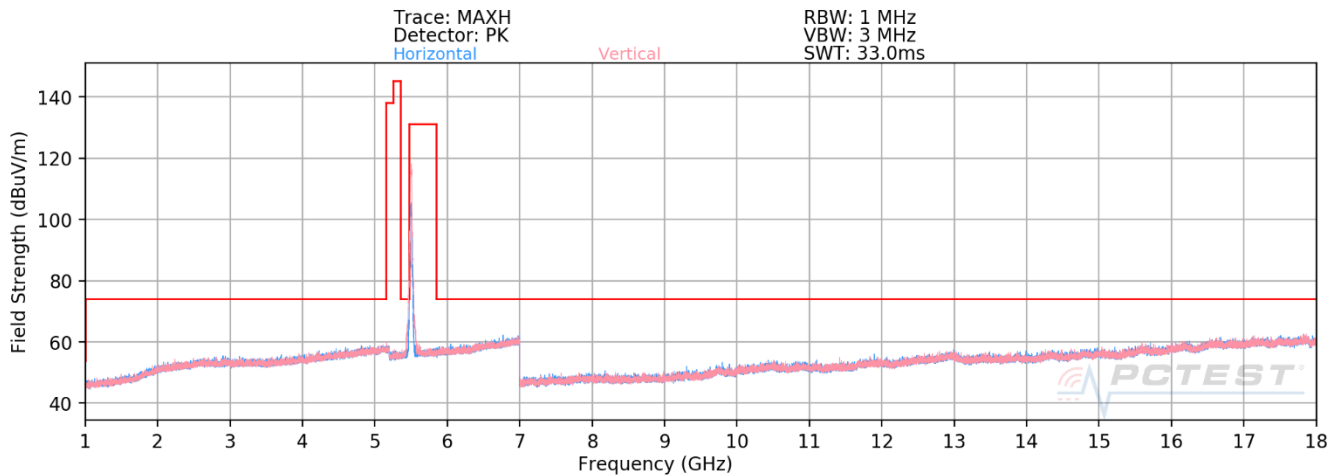
Plot 7-354. RSE above 1GHz Antenna 5b (11ax – Ch.64 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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



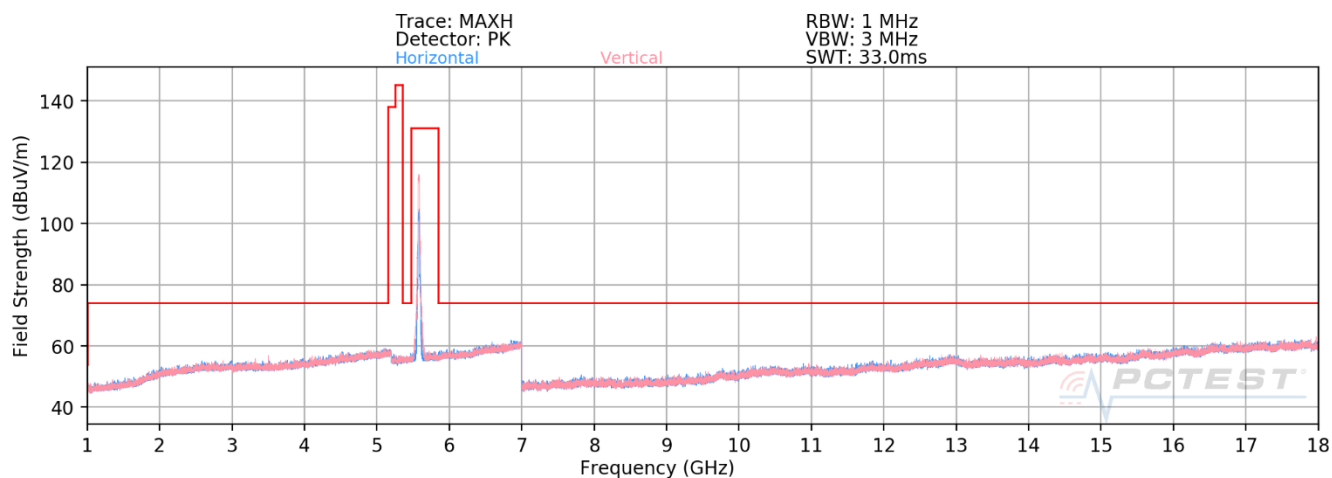
Plot 7-355. RSE above 1GHz Antenna 5b (11ax – Ch.100 – RU242)

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 [dBuV/m]	Limit [dBuV/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	PCTEST Proud to be part of element	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 149 of 257



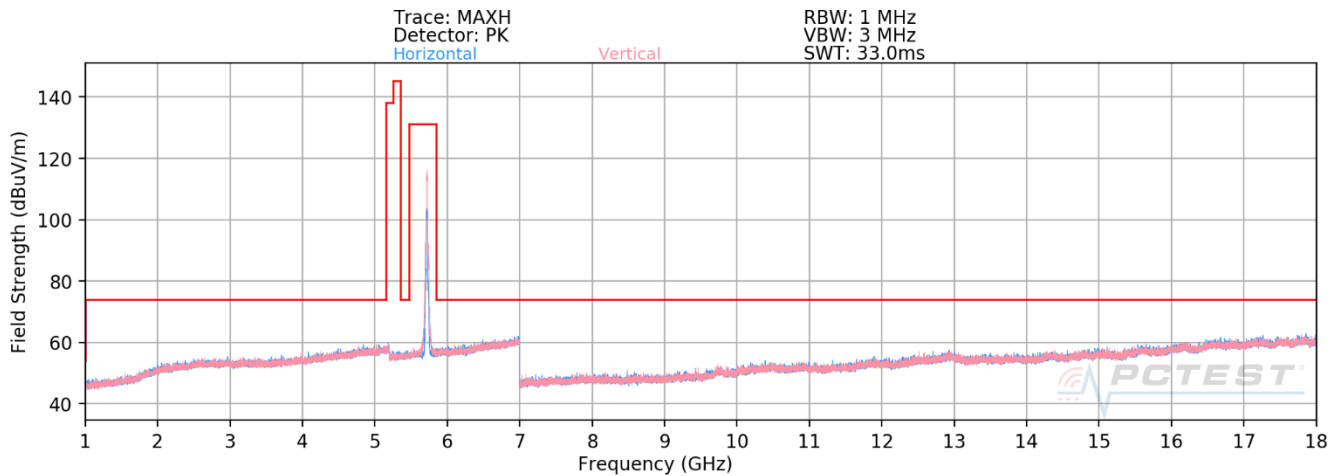
Plot 7-356. RSE above 1GHz Antenna 5b (11ax – Ch.116 – RU242)

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 element	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



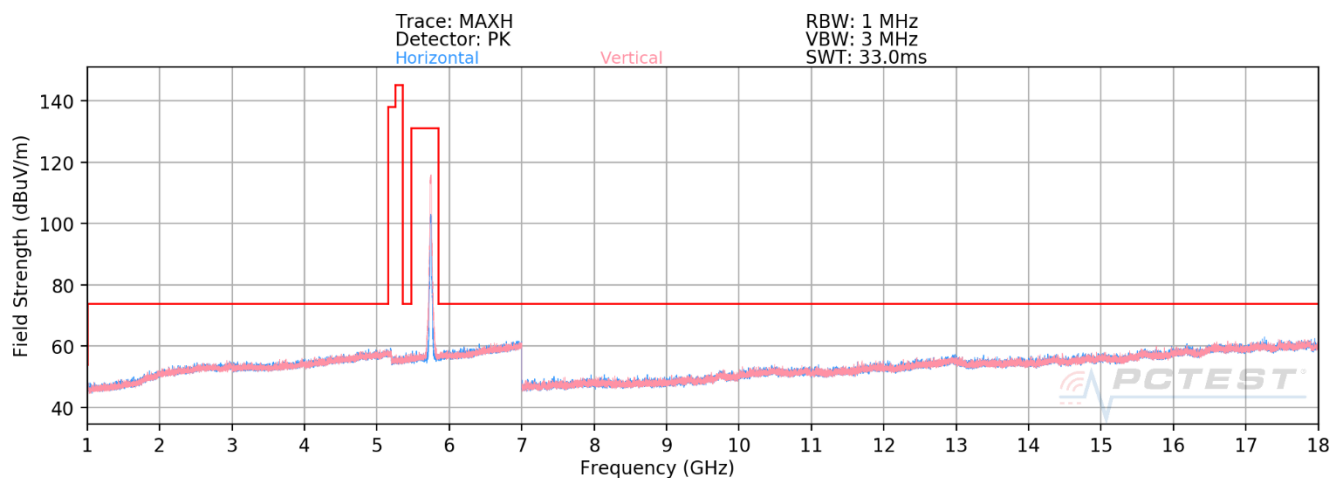
Plot 7-357. RSE above 1GHz Antenna 5b (11ax – Ch.144 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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



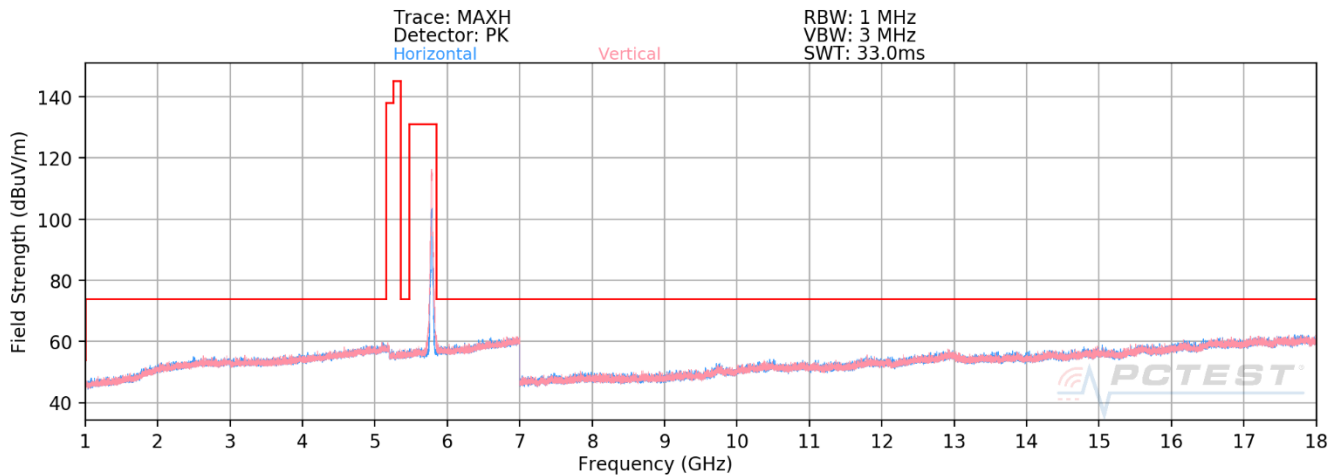
Plot 7-358. RSE above 1GHz Antenna 5b (11ax – Ch.149 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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 152 of 257



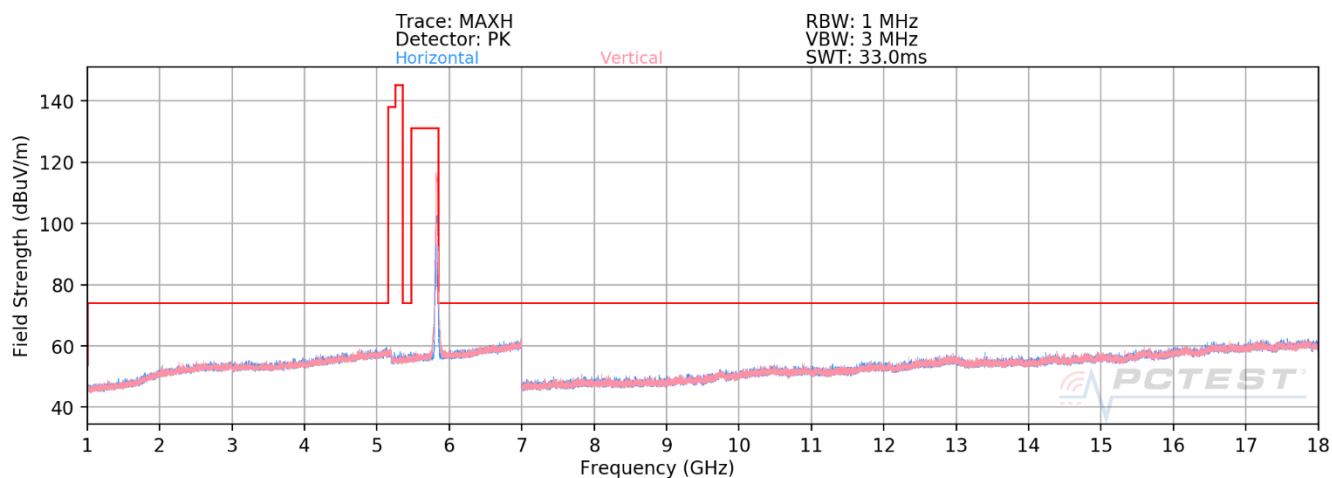
Plot 7-359. RSE above 1GHz Antenna 5b (11ax – Ch.157 – RU242)

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 element	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

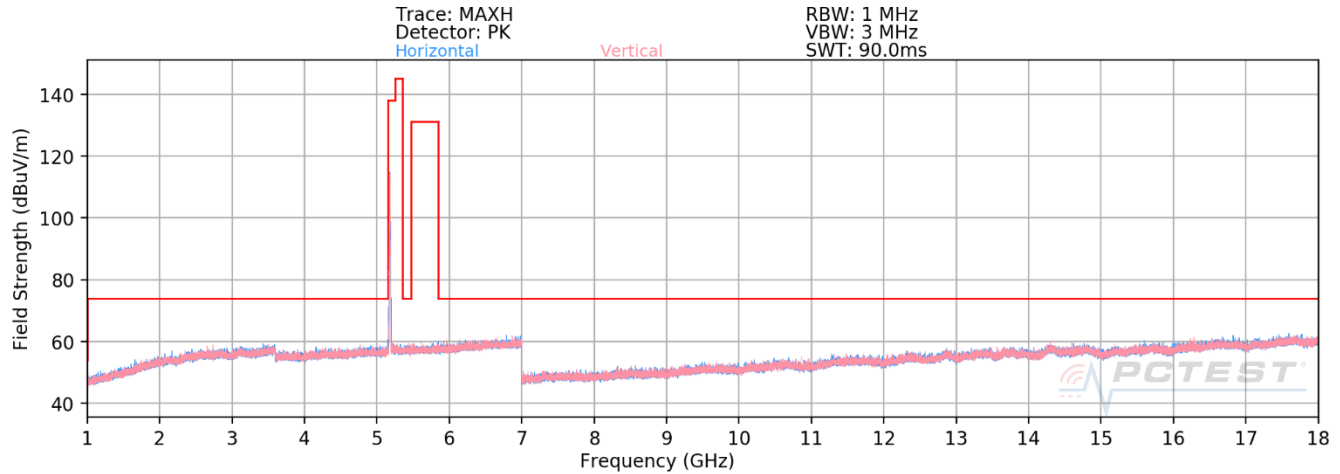
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11650.00	Average	-	-	-	-86.55	20.89	41.34	53.98	-12.64
* 11650.00	Peak	-	-	-	-75.07	20.89	52.82	73.98	-21.16
17475.00	Peak	-	-	-	-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 element	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



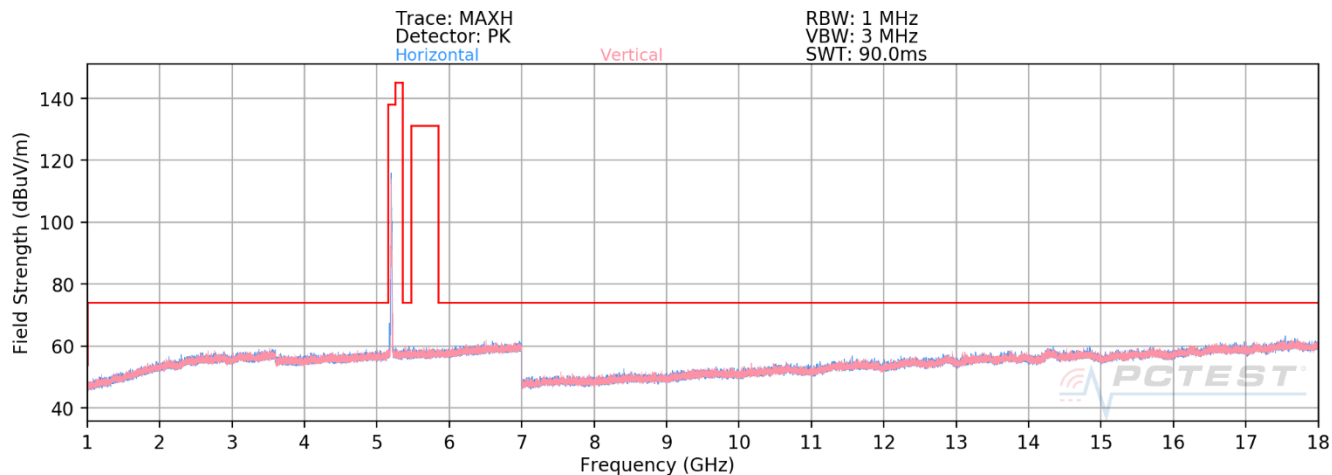
Plot 7-361. RSE above 1GHz Antenna 4b (11ax - Ch.36 - RU26)

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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
10360.00	Peak	V	257	235	-77.45	14.63	44.18	68.20	-24.02
* 15540.00	Average	-	-	-	-82.03	20.83	45.80	53.98	-8.18
* 15540.00	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 element	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 155 of 257



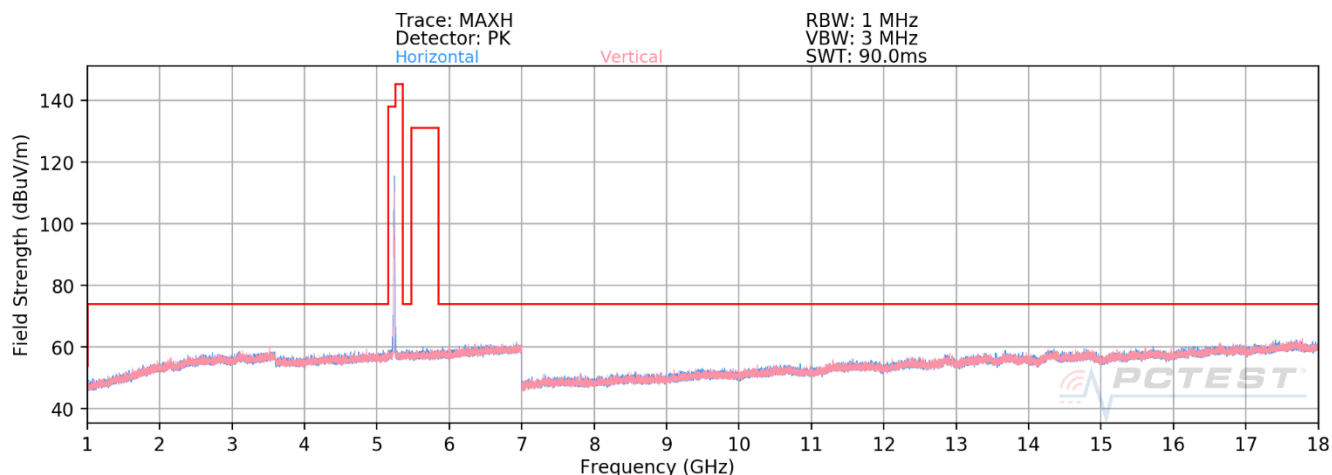
Plot 7-362. RSE above 1GHz Antenna 4b (11ax – Ch.40 – RU26)

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 [dBuV/m]	Limit [dBuV/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	PCTEST Proud to be part of element	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 156 of 257



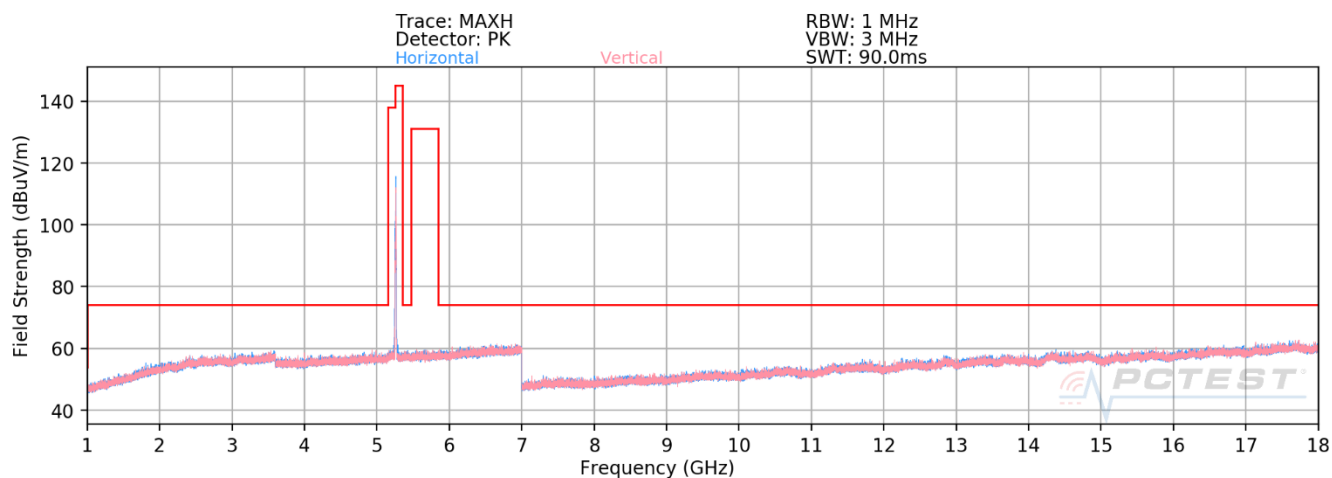
Plot 7-363. RSE above 1GHz Antenna 4b (11ax – Ch.48 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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



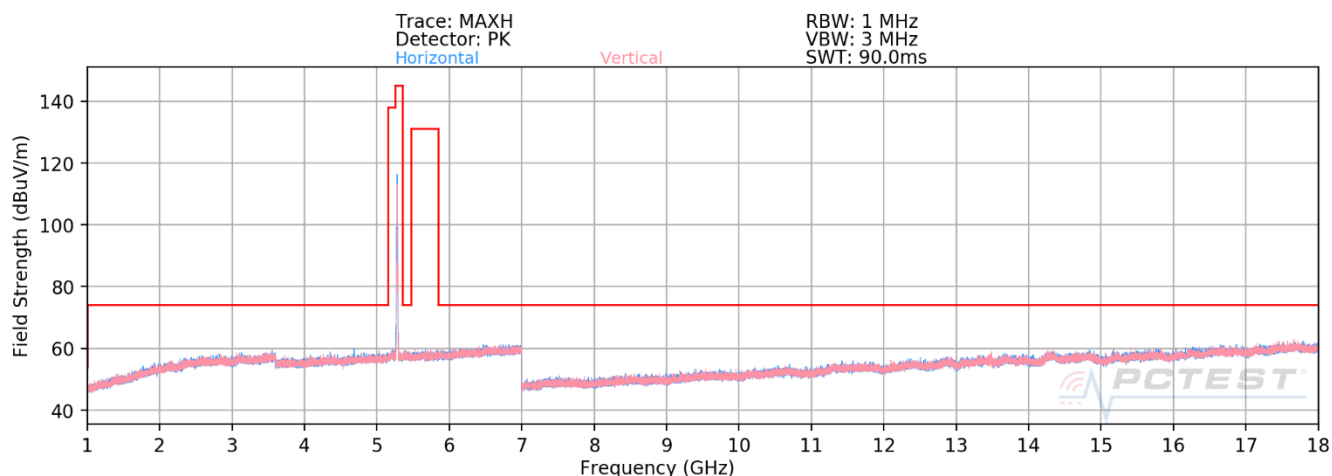
Plot 7-364. RSE above 1GHz Antenna 4b (11ax – Ch.52 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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 158 of 257



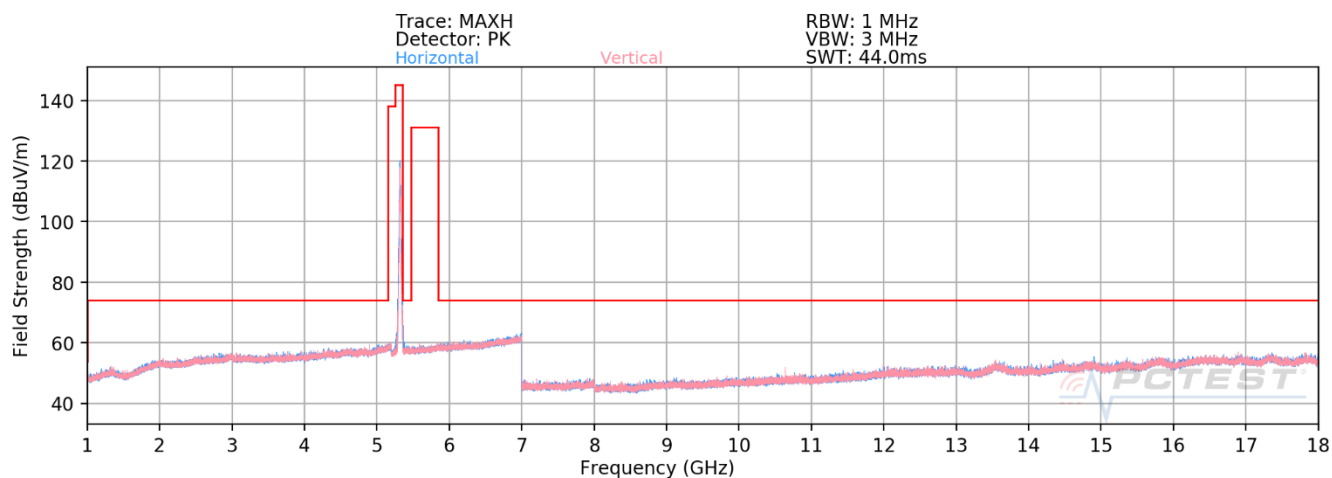
Plot 7-365. RSE above 1GHz Antenna 4b (11ax – Ch.56 – RU26)

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	Page 159 of 257



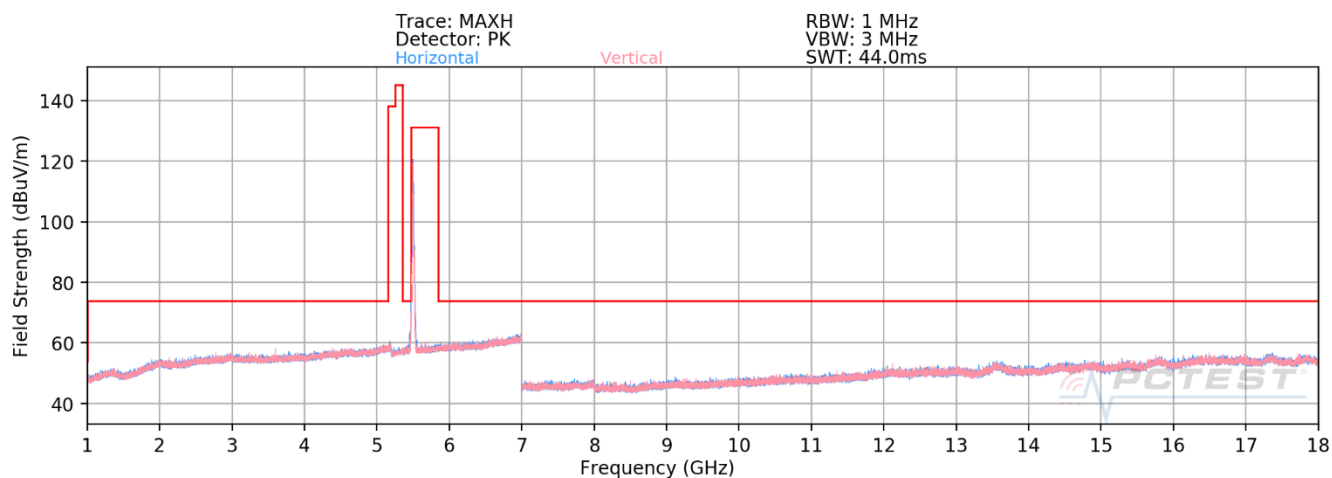
Plot 7-366. RSE above 1GHz Antenna 4b (11ax – Ch.64 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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



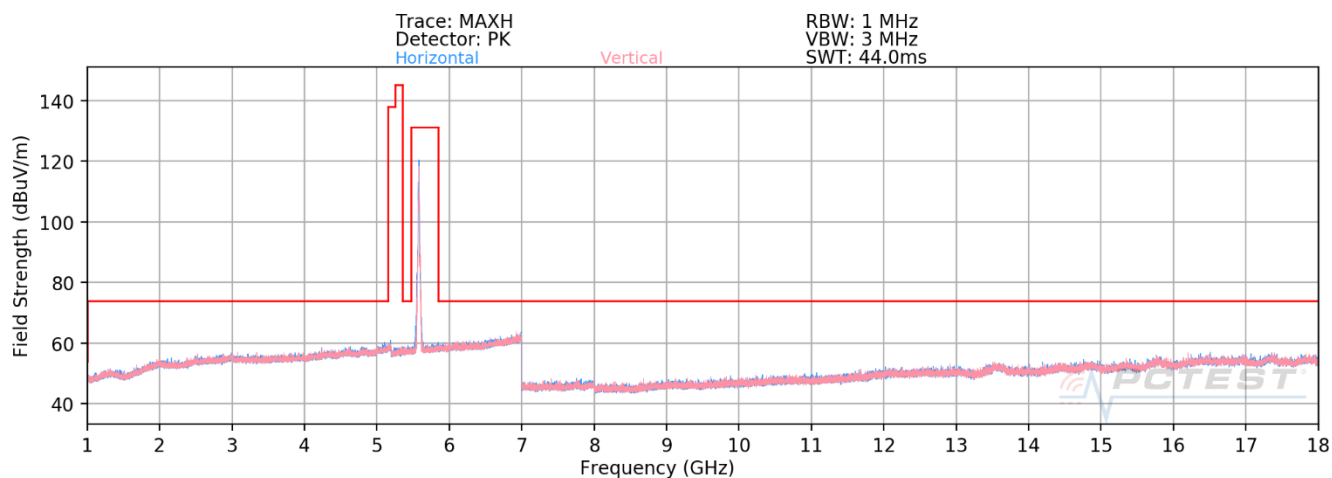
Plot 7-367. RSE above 1GHz Antenna 4b (11ax – Ch.100 – RU26)

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 [dBuV/m]	Limit [dBuV/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 element	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 161 of 257



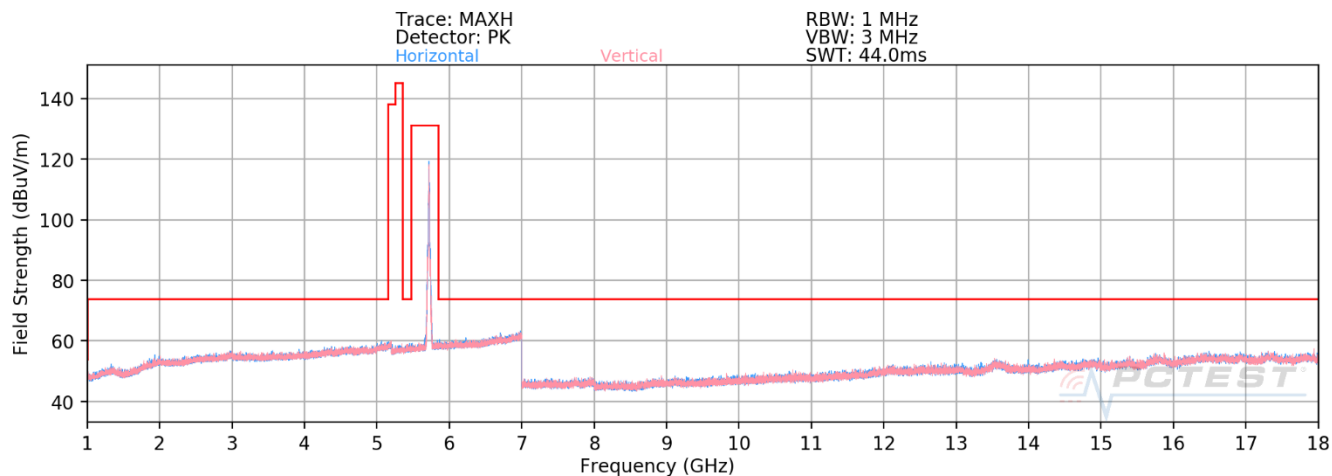
Plot 7-368. RSE above 1GHz Antenna 4b (11ax – Ch.116 – RU26)

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 element	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 162 of 257



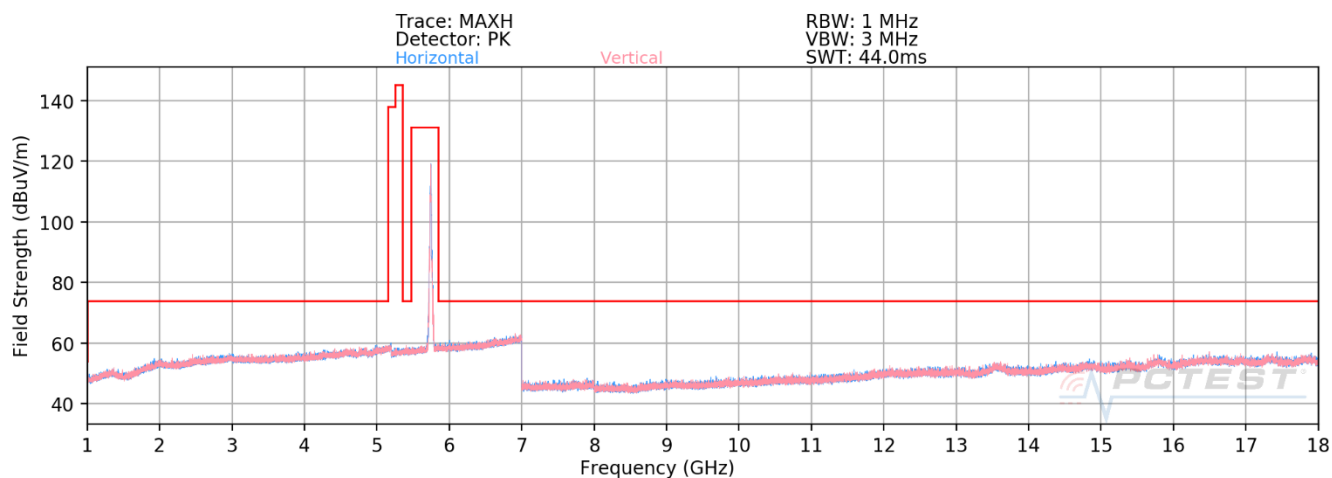
Plot 7-369. RSE above 1GHz Antenna 4b (11ax – Ch.144 – RU26)

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 element	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



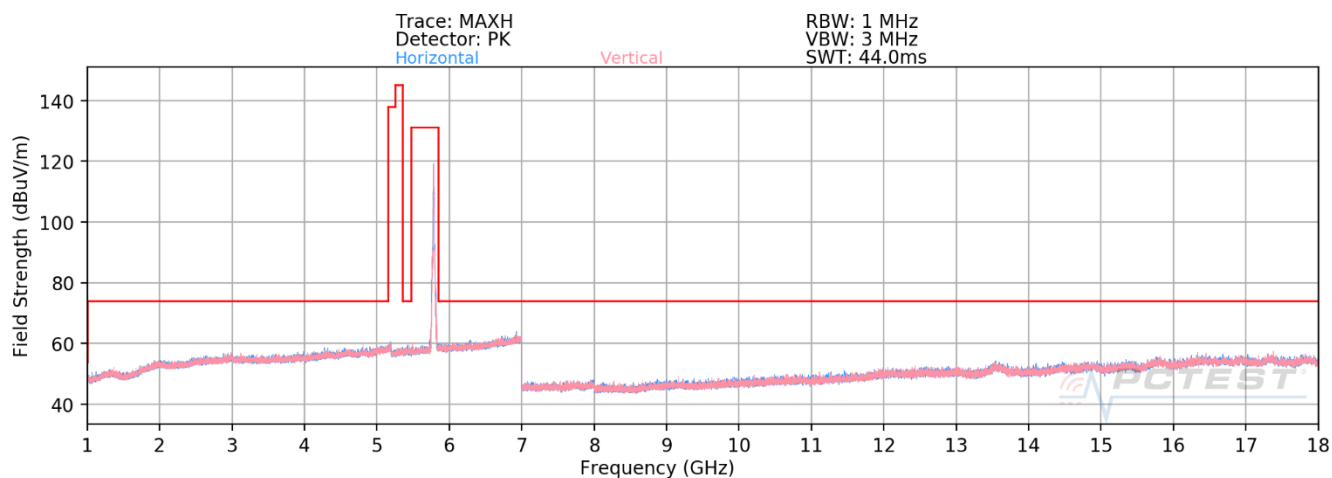
Plot 7-370. RSE above 1GHz Antenna 4b (11ax – Ch.149 – RU26)

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 [dBuV/m]	Limit [dBuV/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	PCTEST Proud to be part of element	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 164 of 257



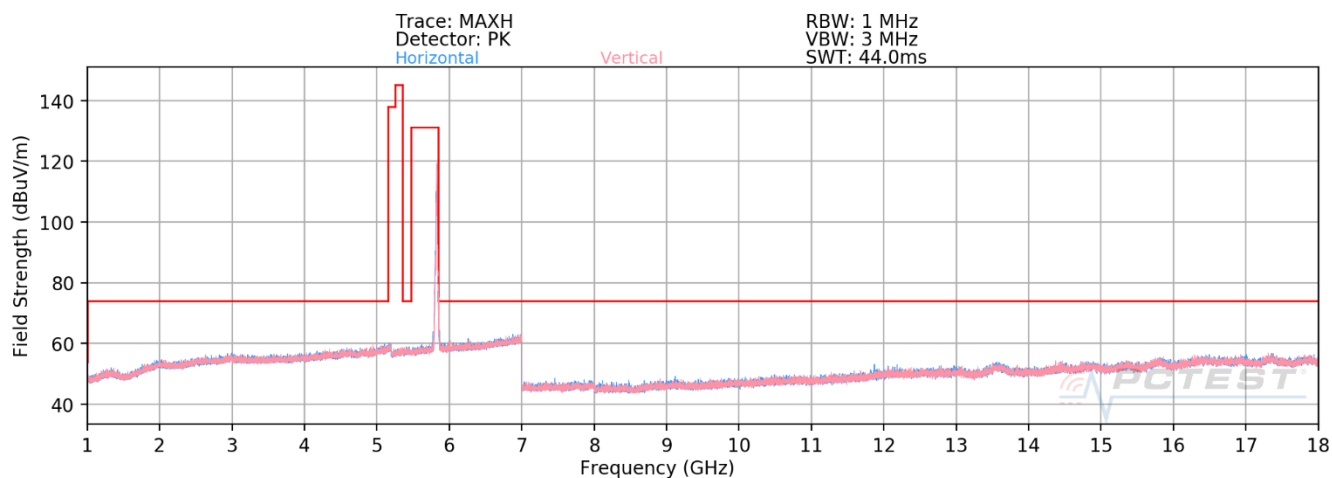
Plot 7-371. RSE above 1GHz Antenna 4b (11ax – Ch.157 – RU26)

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 element	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)

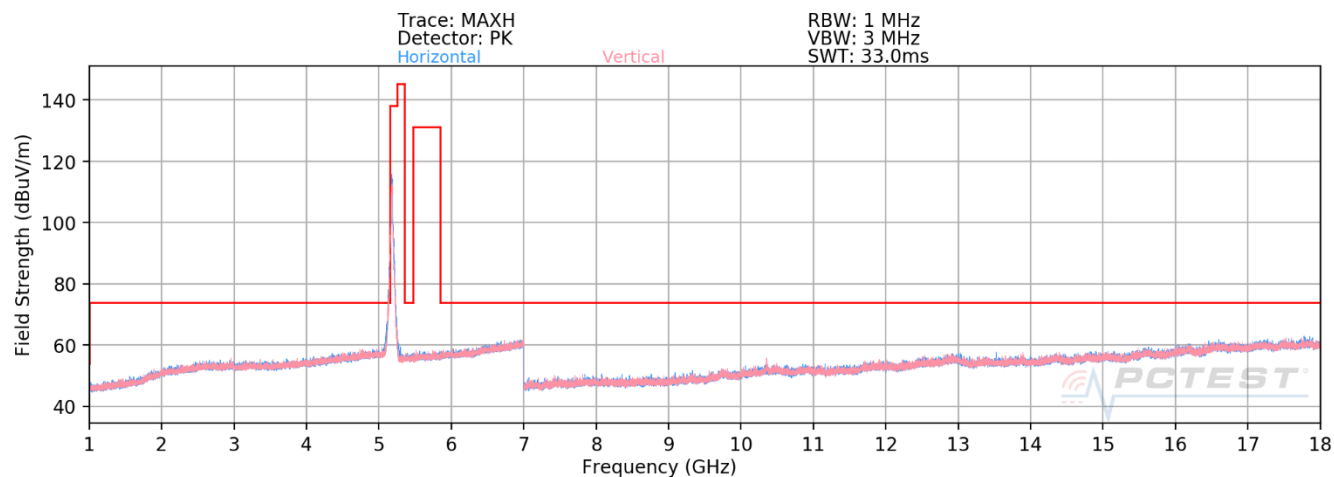
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/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 element	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 166 of 257

RU242



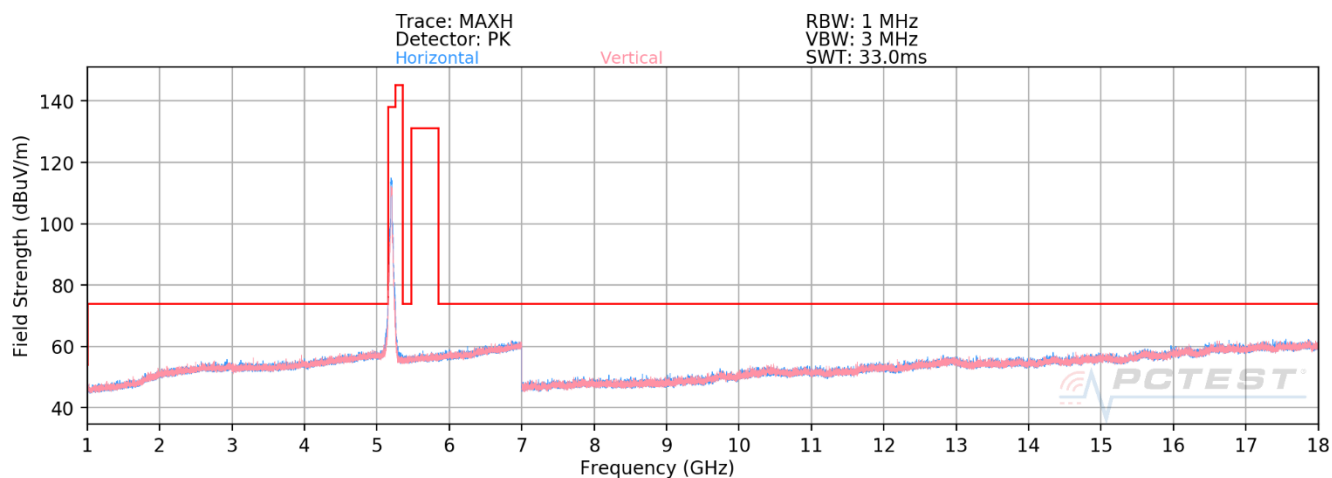
Plot 7-373. RSE above 1GHz Antenna 4b (11ax - Ch.36 - RU242)

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 [dBuV/m]	Limit [dBuV/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	Page 167 of 257



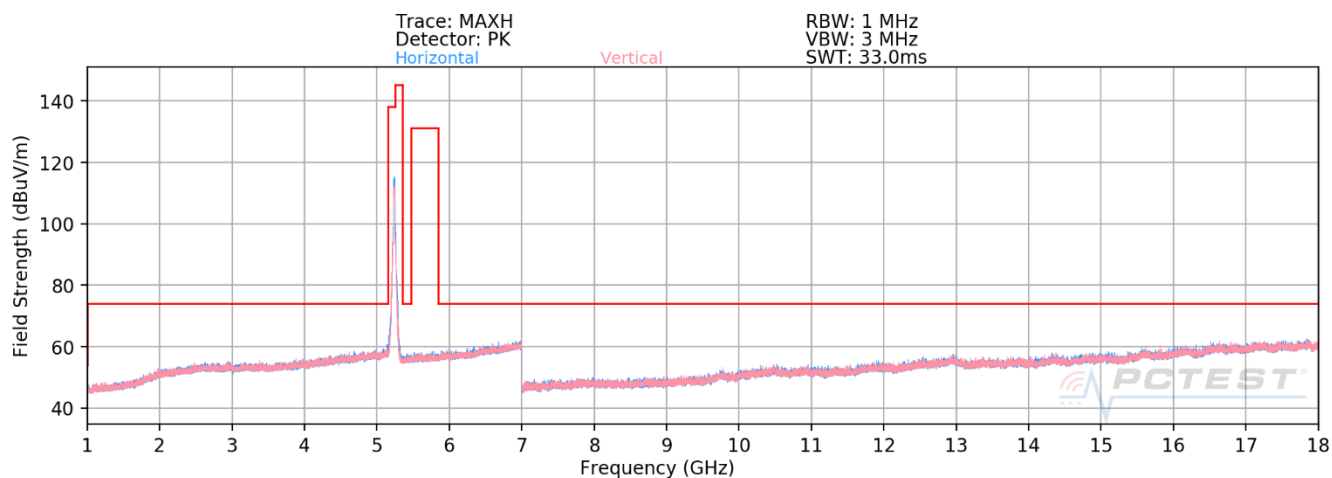
Plot 7-374. RSE above 1GHz Antenna 4b (11ax – Ch.40 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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 168 of 257



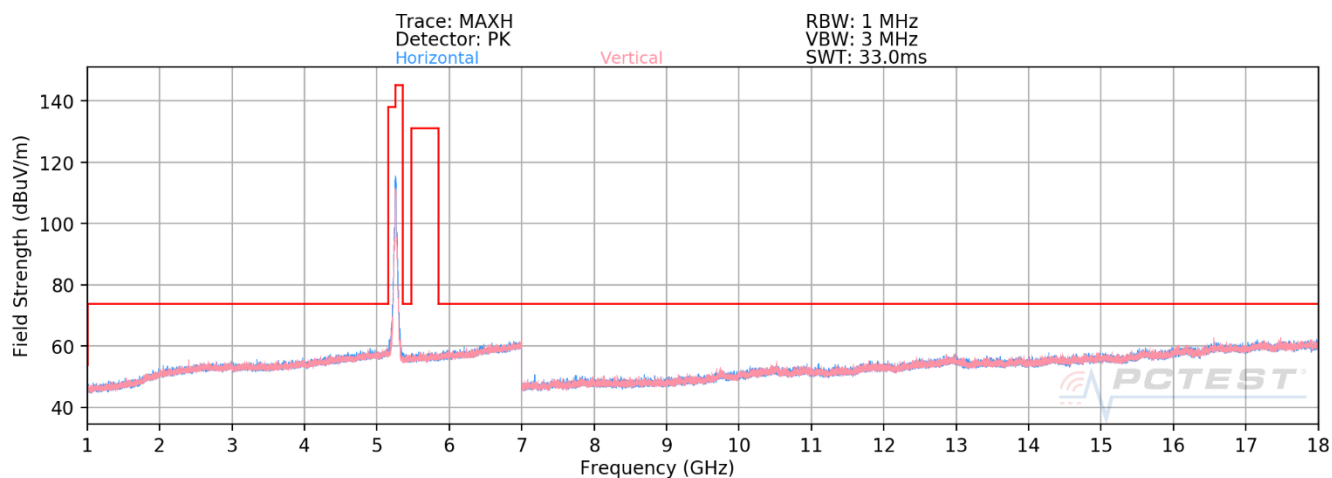
Plot 7-375. RSE above 1GHz Antenna 4b (11ax – Ch.48 – RU242)

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 [dBμV/m]	Limit [dBμV/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 element	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



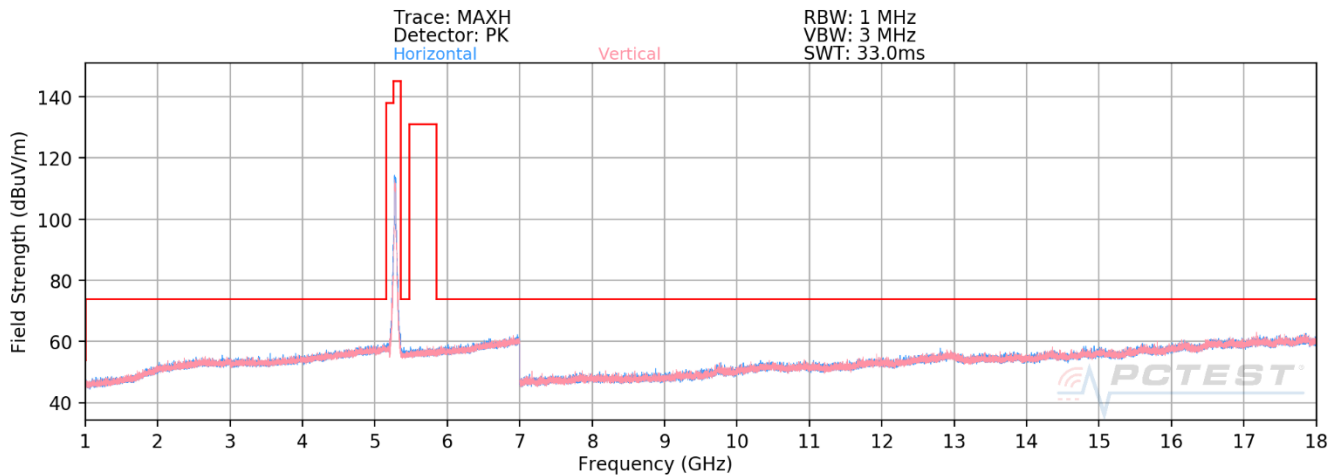
Plot 7-376. RSE above 1GHz Antenna 4b (11ax – Ch.52 – RU242)

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 element	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 170 of 257



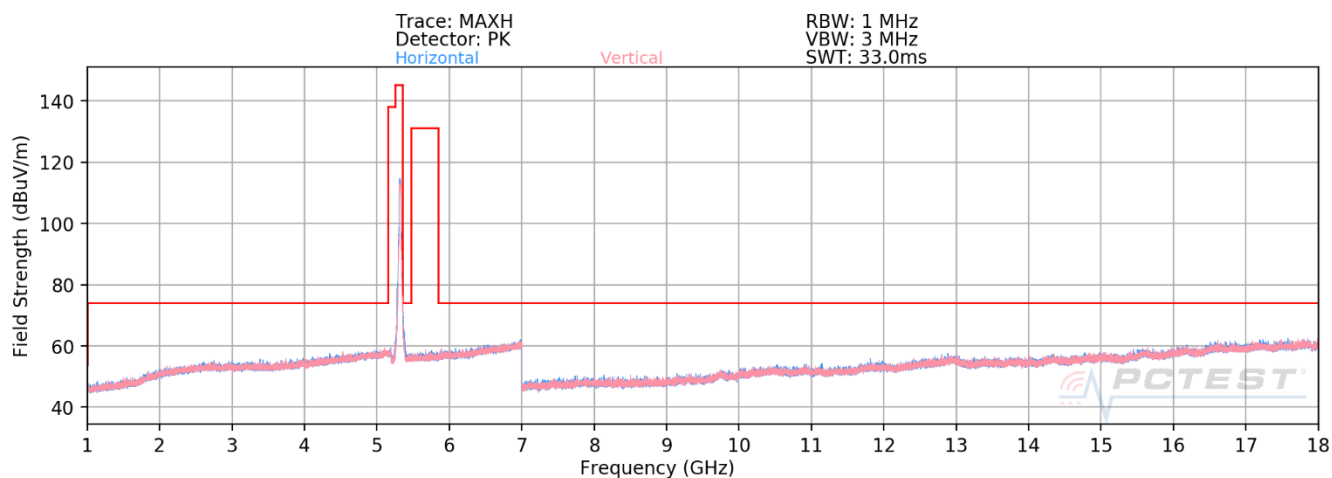
Plot 7-377. RSE above 1GHz Antenna 4b (11ax – Ch.56 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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 171 of 257



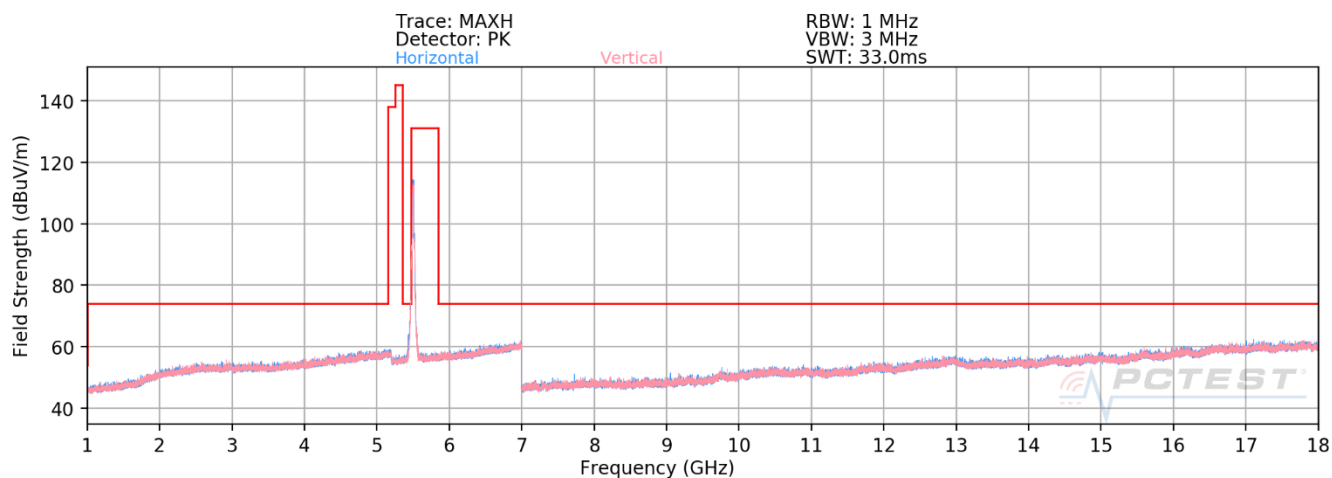
Plot 7-378. RSE above 1GHz Antenna 4b (11ax – Ch.64 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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



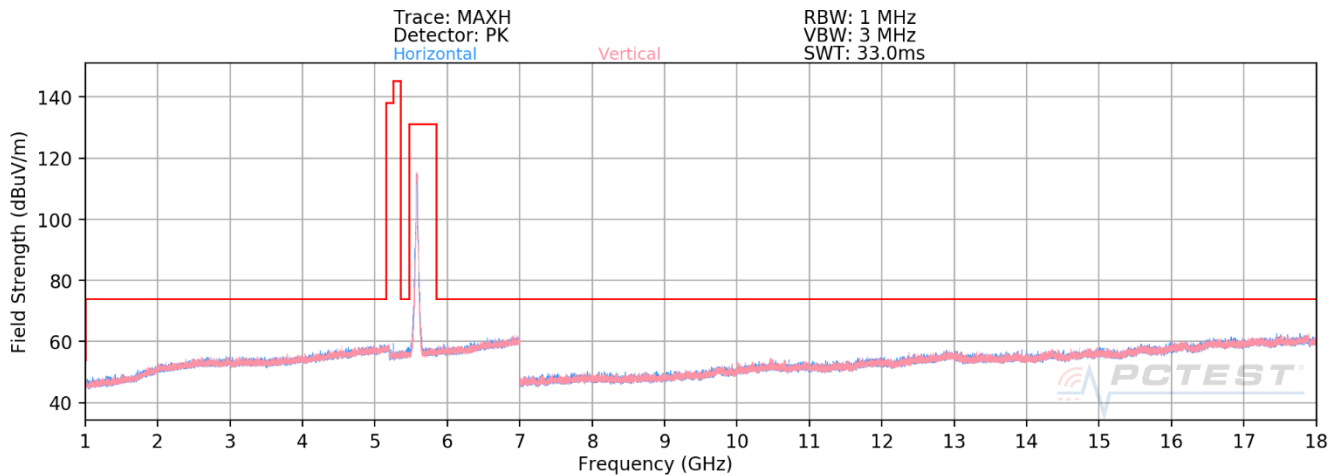
Plot 7-379. RSE above 1GHz Antenna 4b (11ax – Ch.100 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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 173 of 257



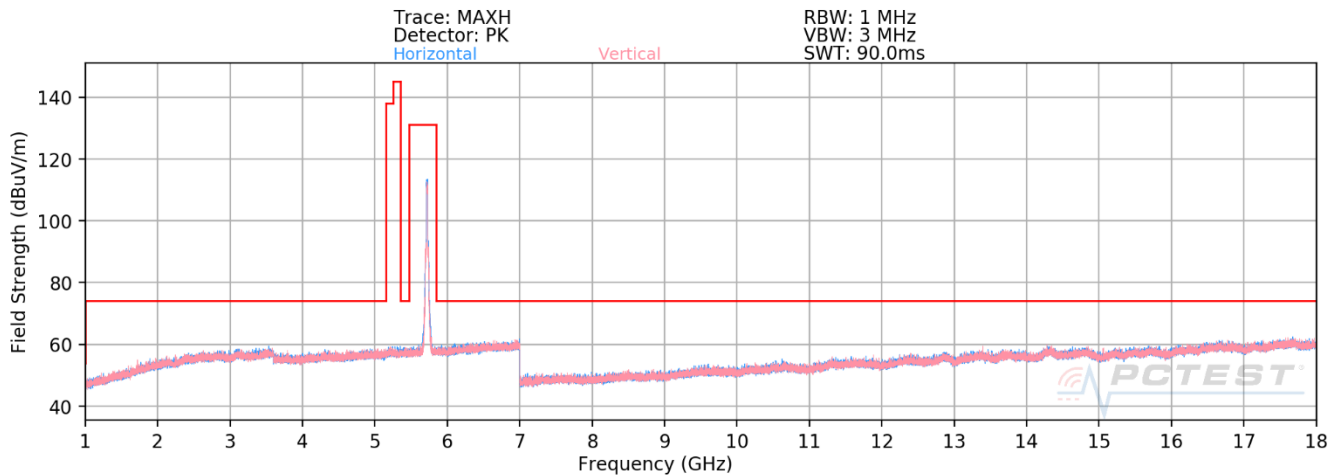
Plot 7-380. RSE above 1GHz Antenna 4b (11ax – Ch.116 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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 174 of 257



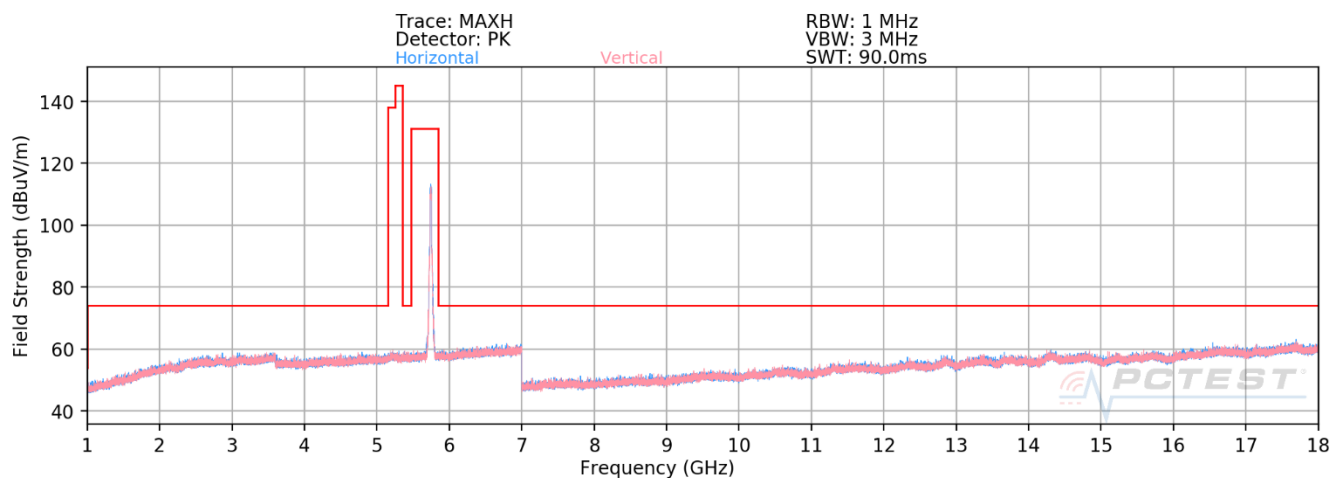
Plot 7-381. RSE above 1GHz Antenna 4b (11ax – Ch.144 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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



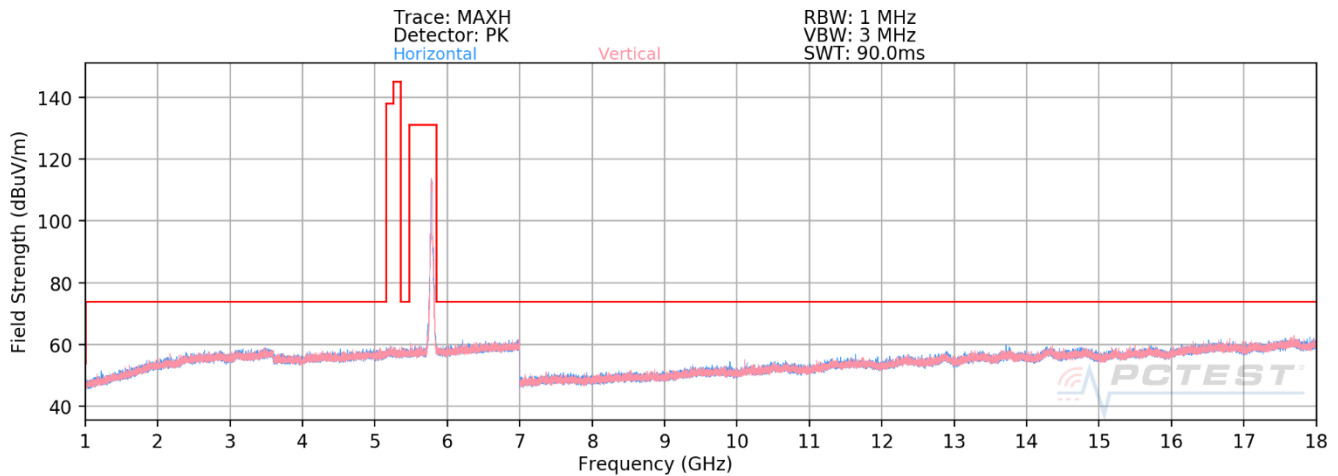
Plot 7-382. RSE above 1GHz Antenna 4b (11ax – Ch.149 – RU242)

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 [dBuV/m]	Limit [dBuV/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 element	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



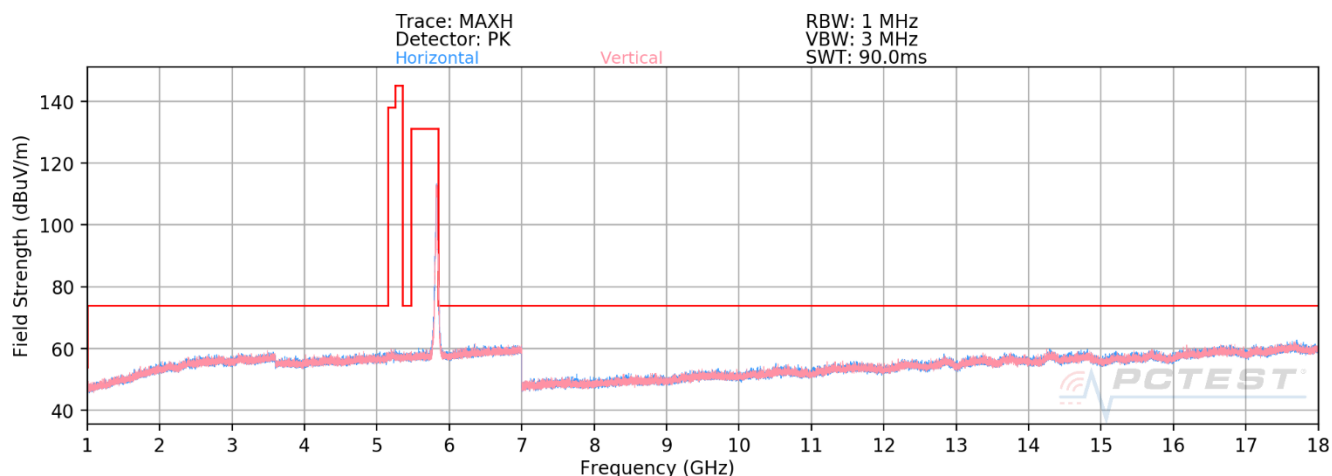
Plot 7-383. RSE above 1GHz Antenna 4b (11ax – Ch.157 – RU242)

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 element	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

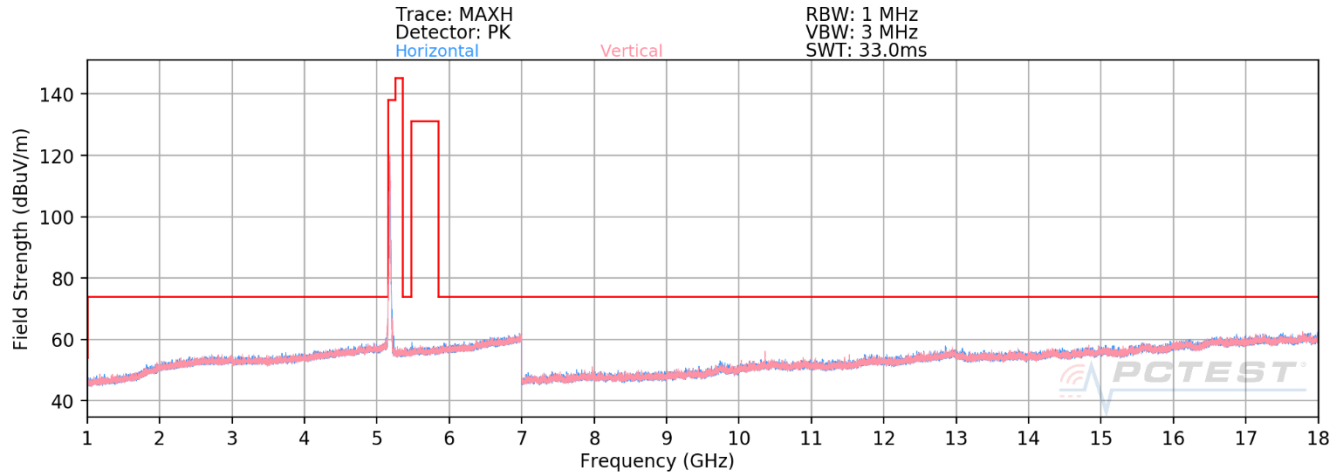
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11650.00	Average	-	-	-	-79.70	16.58	43.88	53.98	-10.10
* 11650.00	Peak	-	-	-	-69.02	16.58	54.56	73.98	-19.42
17475.00	Peak	-	-	-	-70.11	24.02	60.91	68.20	-7.29

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

FCC ID: BCGA2301 IC: 579C-A2301	PCTEST Proud to be part of element	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 178 of 257

7.6.3 CDD/SDM Radiated Spurious Emissions

RU26



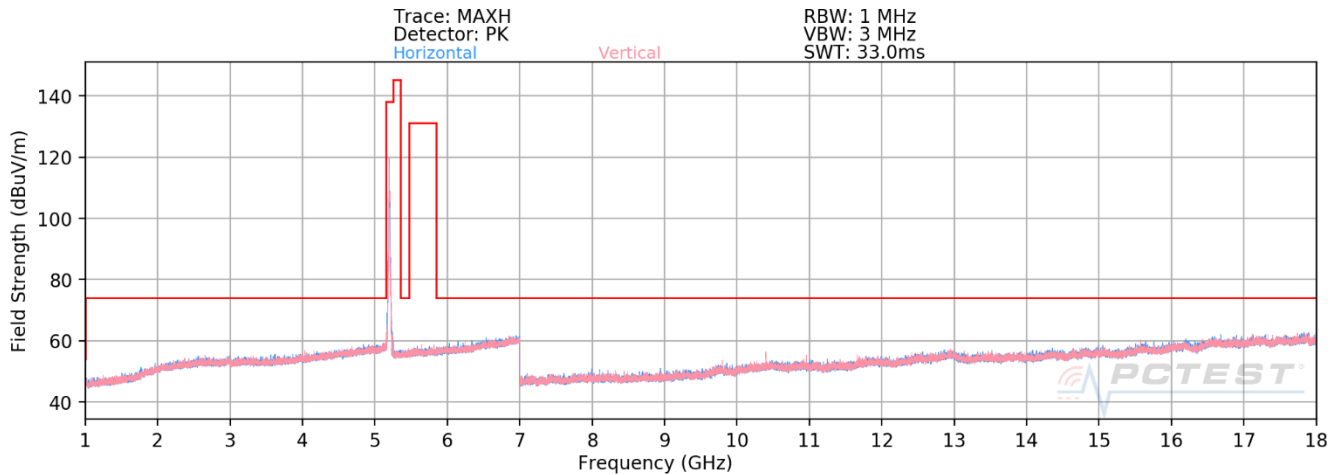
Plot 7-385. RSE above 1GHz SDM (11ax – Ch.36 – RU26)

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

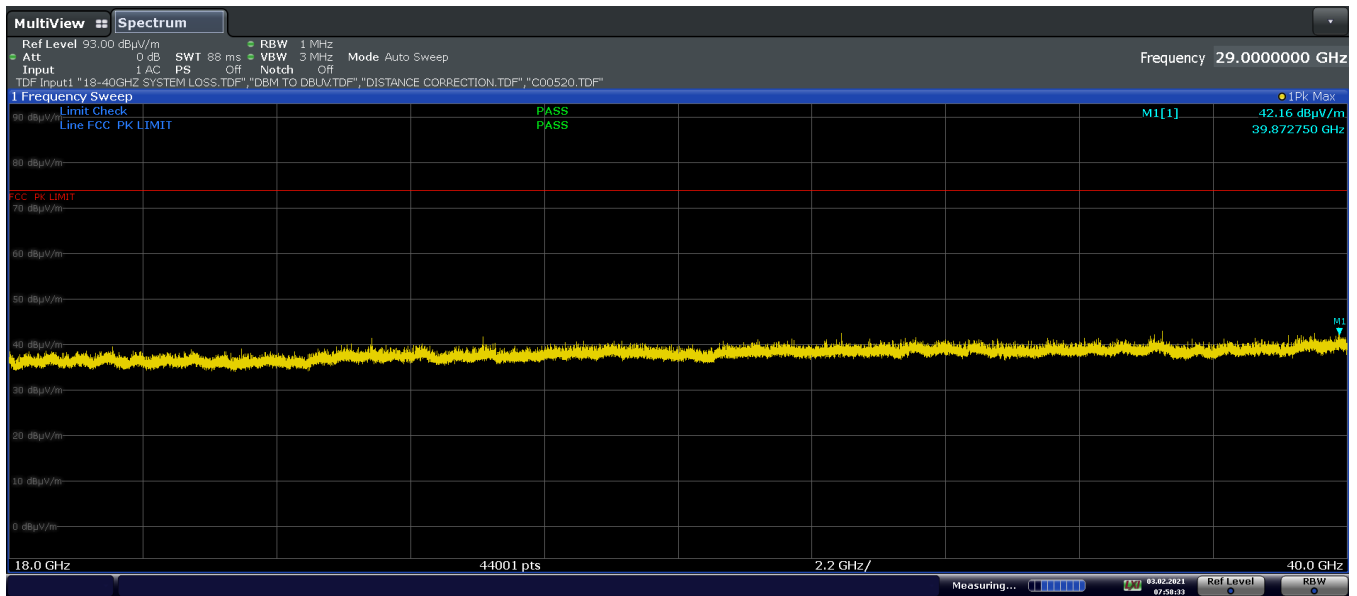
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
10360.00	Peak	V	241	226	-68.17	18.98	57.81	68.20	-10.39
* 15540.00	Average	V	323	325	-84.89	25.86	47.97	53.98	-6.01
* 15540.00	Peak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

Table 7-131. Radiated Measurements SDM (RU26)

FCC ID: BCGA2301 IC: 579C-A2301	PCTEST Proud to be part of element	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 179 of 257

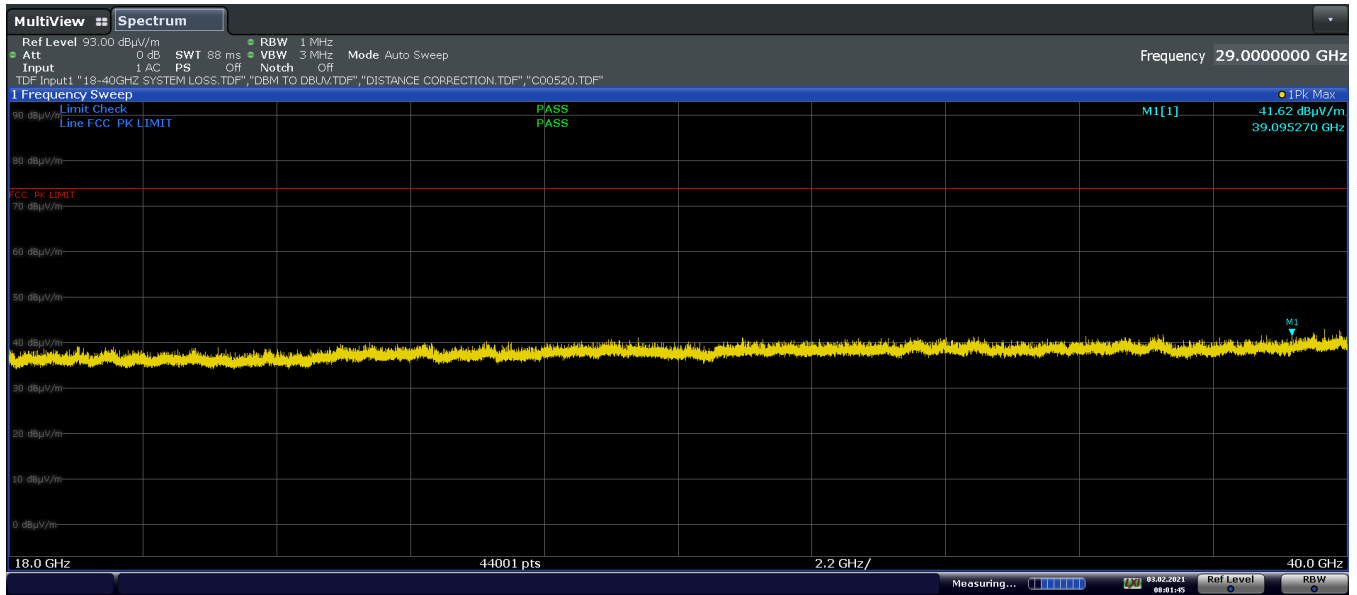


Plot 7-386. RSE above 1GHz SDM (11ax – Ch.40 – RU26)



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

FCC ID: BCGA2301 IC: 579C-A2301	PCTEST Proud to be part of element	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 180 of 257



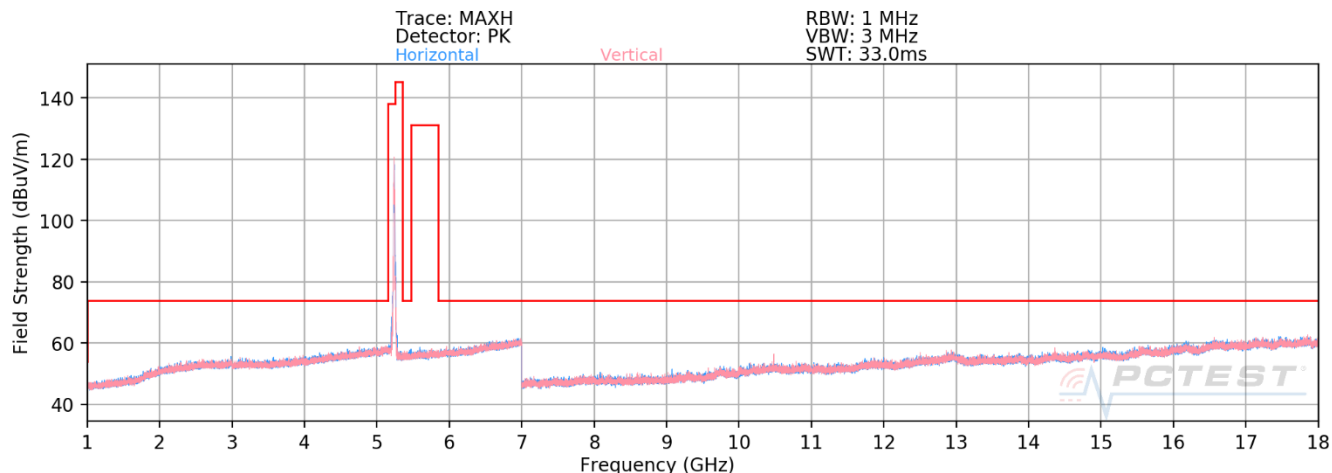
Plot 7-388. RSE 18 GHz - 40GHz SDM (11ax Ch.40 — RU26, Pol. V)

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 element	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



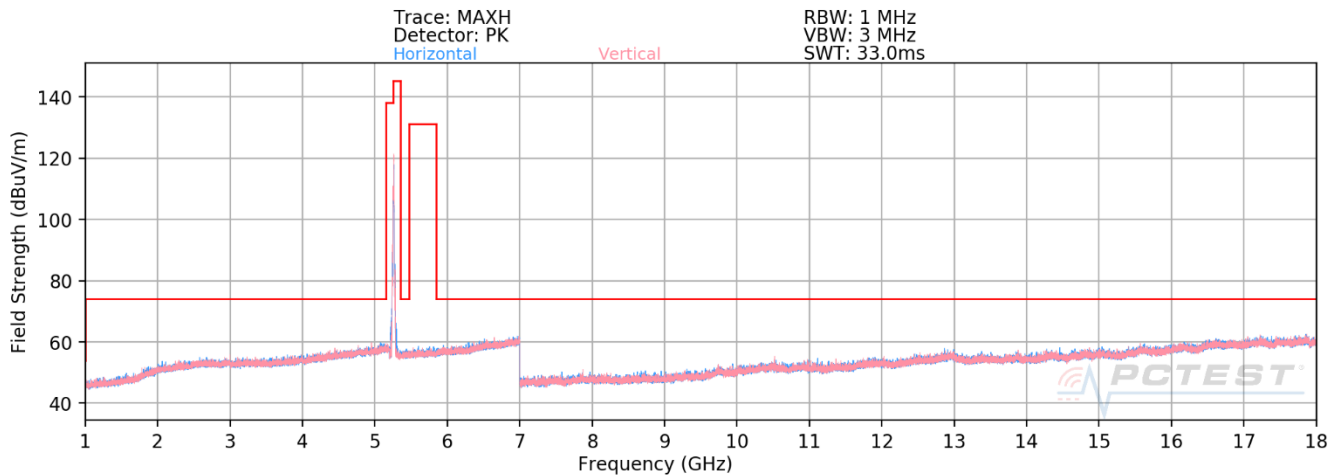
Plot 7-389. RSE above 1GHz SDM (11ax – Ch.48 – RU26)

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 [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 IC: 579C-A2301	PCTEST Proud to be part of element	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 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 IC: 579C-A2301	PCTEST Proud to be part of element	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