

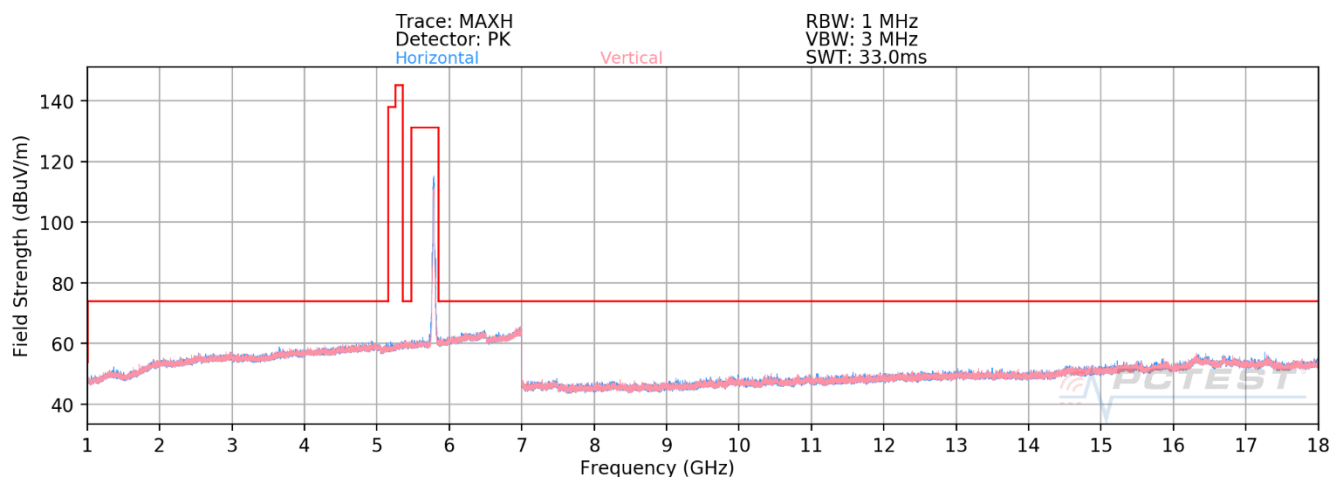
Plot 7-586. RSE above 1GHz Antenna 2b (11ax – Ch.149 – RU242)

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	H	-	-	-82.86	15.10	39.24	53.98	-14.74
* 11490.00	Peak	H	-	-	-72.06	15.10	50.04	73.98	-23.94
17235.00	Peak	H	-	-	-71.95	21.19	56.24	68.20	-11.96

Table 7-156. Radiated Measurements Antenna 2b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 221 of 397




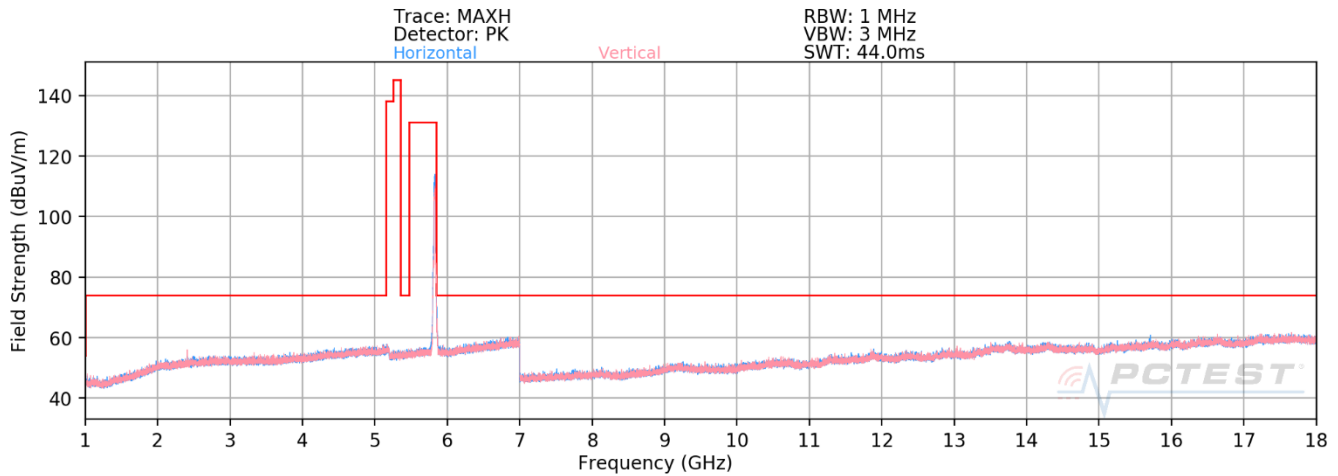
Plot 7-587. RSE above 1GHz Antenna 2b (11ax – Ch.157 – RU242)

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	H	-	-	-83.00	15.28	39.28	53.98	-14.70
*	11570.00	Peak	H	-	-	-71.65	15.28	50.63	73.98	-23.35
	17355.00	Peak	H	-	-	-72.13	21.26	56.13	68.20	-12.07

Table 7-157. Radiated Measurements Antenna 2b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 222 of 397



Plot 7-588. RSE above 1GHz Antenna 2b (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

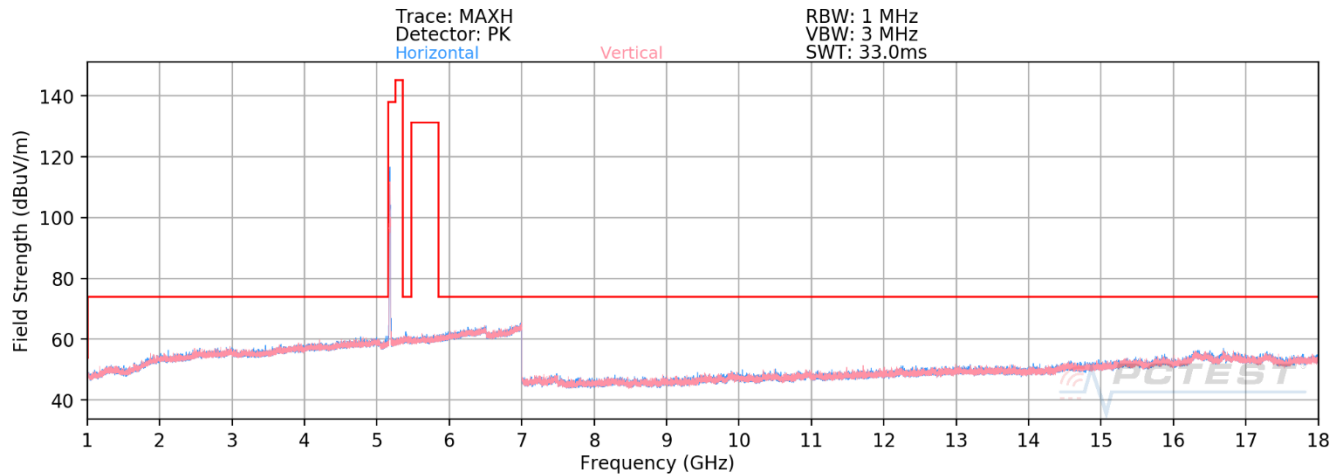
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-81.22	17.55	43.33	53.98	-10.65
* 11650.00	Peak	H	-	-	-69.43	17.55	55.12	73.98	-18.86
17475.00	Peak	H	-	-	-71.57	25.49	60.92	68.20	-7.28

Table 7-158. Radiated Measurements Antenna 2b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 223 of 397

7.6.2 Antenna 1b Radiated Spurious Emission

RU26



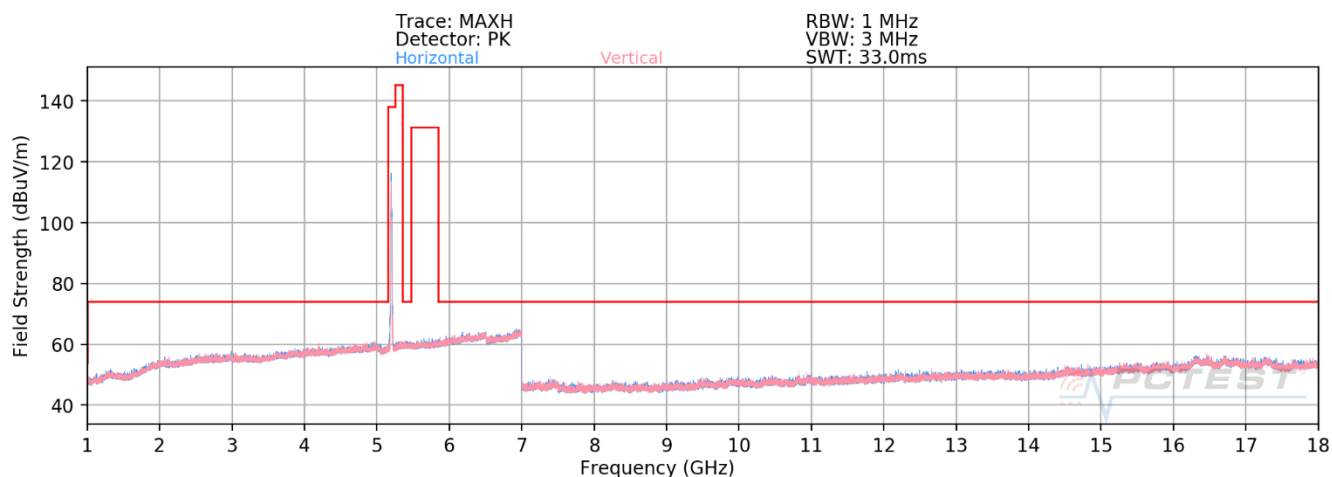
Plot 7-589. RSE above 1GHz Antenna 1b (11ax – Ch.36 – RU26)

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	H	-	-	-70.38	13.87	50.49	68.20	-17.71
* 15540.00	Average	H	-	-	-83.60	19.14	42.54	53.98	-11.44
* 15540.00	Peak	H	-	-	-72.21	19.14	53.93	73.98	-20.05

Table 7-159. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 224 of 397



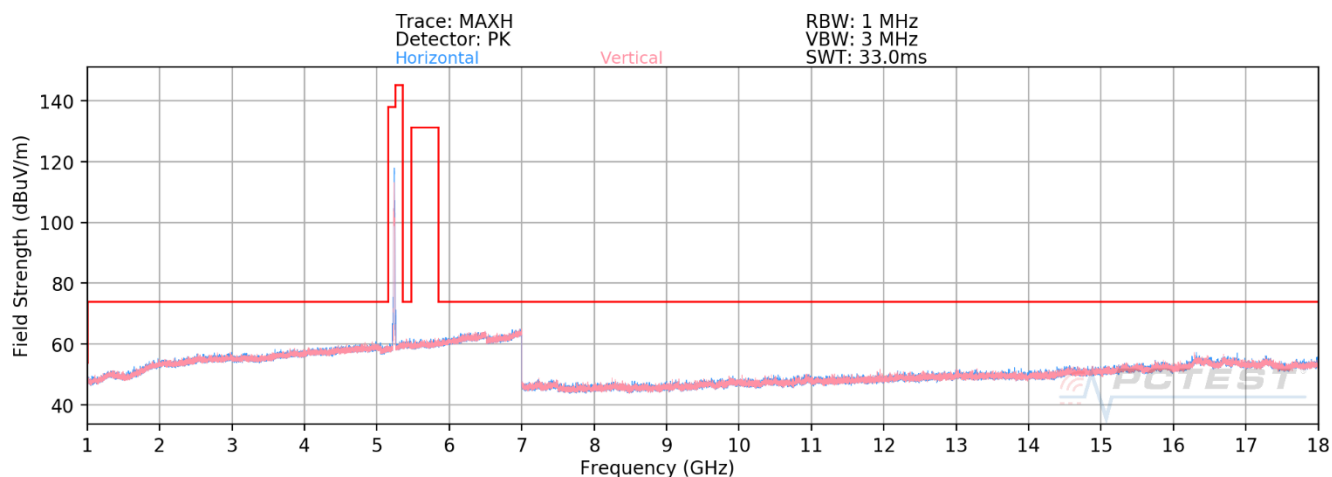
Plot 7-590. RSE above 1GHz Antenna 1b (11ax – Ch.40 – RU26)

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	H	-	-	-71.09	14.29	50.20	68.20	-18.00
* 15600.00	Average	H	-	-	-83.80	19.18	42.38	53.98	-11.60
* 15600.00	Peak	H	-	-	-72.38	19.18	53.80	73.98	-20.18

Table 7-160. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 225 of 397



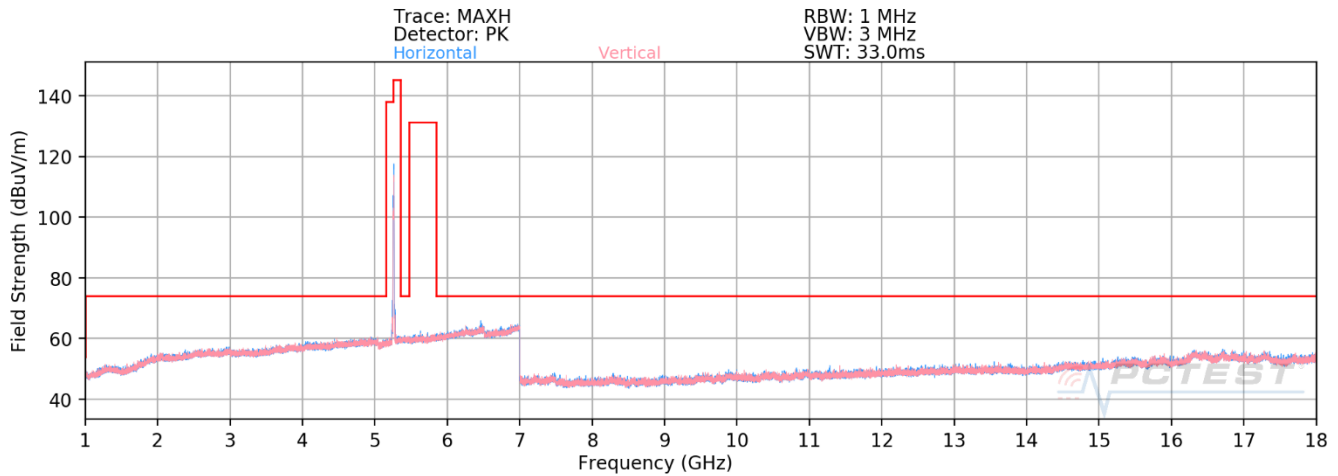
Plot 7-591. RSE above 1GHz Antenna 1b (11ax – Ch.48 – RU26)

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	H	-	-	-71.19	13.80	49.61	68.20	-18.59
* 15720.00	Average	H	-	-	-83.57	19.44	42.87	53.98	-11.11
* 15720.00	Peak	H	-	-	-72.44	19.44	54.00	73.98	-19.98

Table 7-161. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 226 of 397



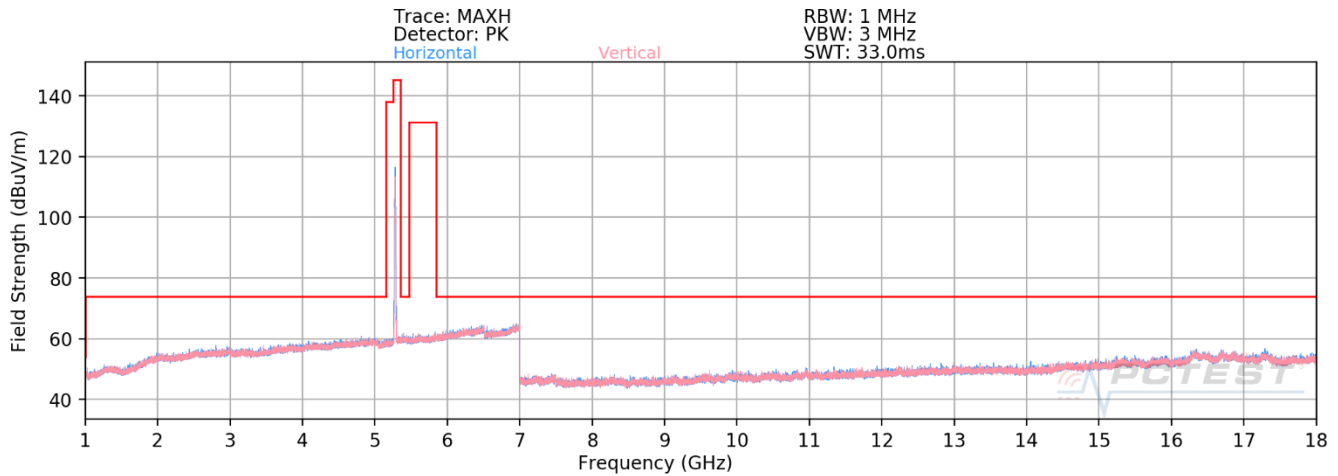
Plot 7-592. RSE above 1GHz Antenna 1b (11ax – Ch.52 – RU26)

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	H	-	-	-70.67	14.24	50.57	68.20	-17.63
* 15780.00	Average	H	-	-	-83.21	19.90	43.69	53.98	-10.29
* 15780.00	Peak	H	-	-	-71.99	19.90	54.91	73.98	-19.07

Table 7-162. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 227 of 397



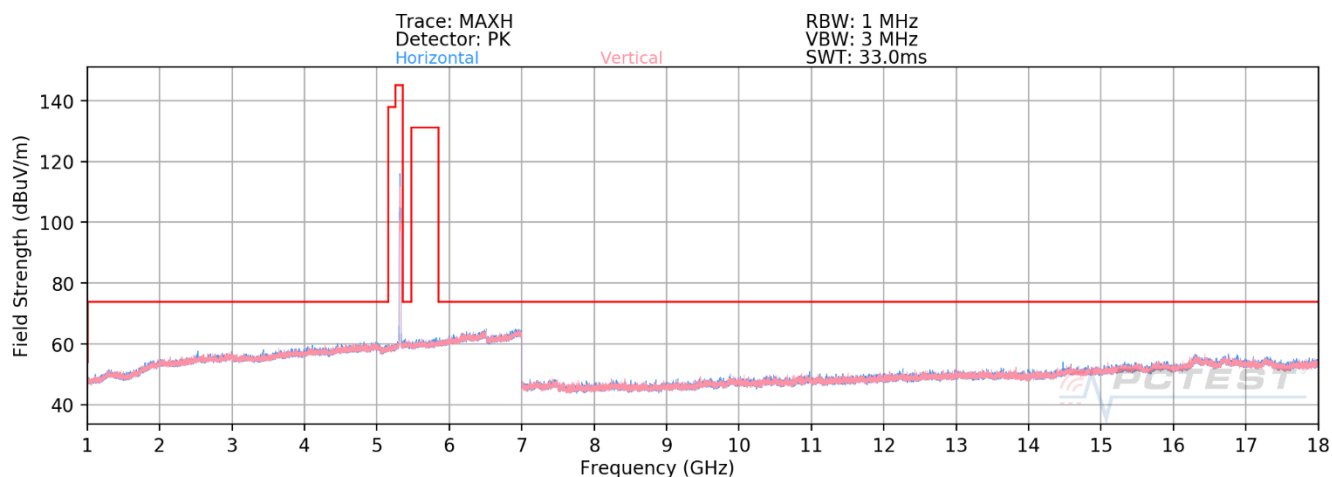
Plot 7-593. RSE above 1GHz Antenna 1b (11ax – Ch.56 – RU26)

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	H	-	-	-71.02	14.52	50.50	68.20	-17.70
* 15840.00	Average	H	-	-	-83.67	19.71	43.04	53.98	-10.94
* 15840.00	Peak	H	-	-	-72.39	19.71	54.32	73.98	-19.66

Table 7-163. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 228 of 397




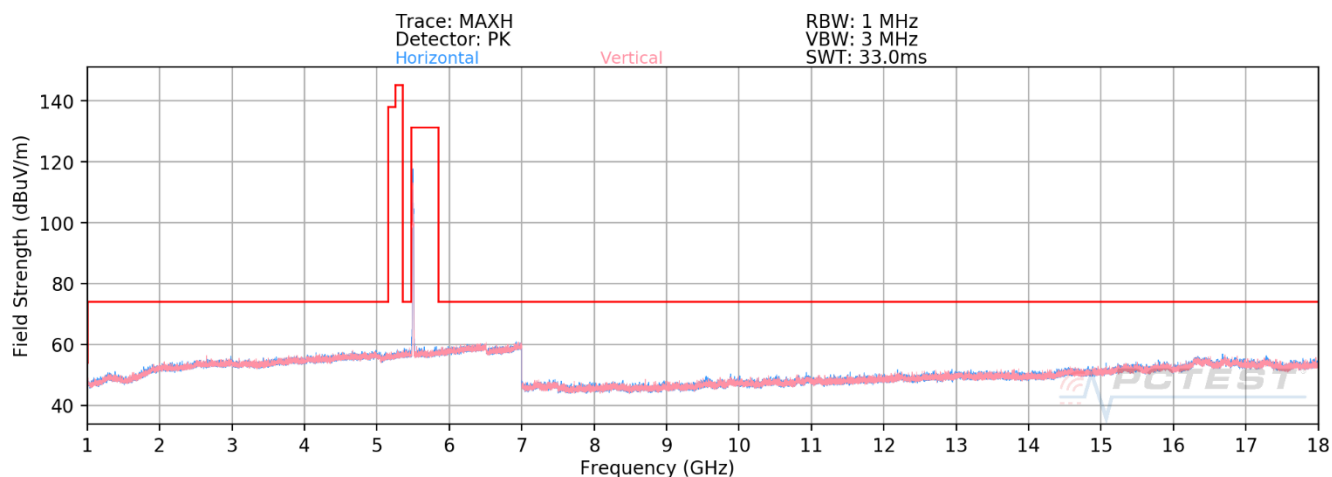
Plot 7-594. RSE above 1GHz Antenna 1b (11ax – Ch.64 – RU26)

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	208	348	-80.73	13.84	40.11	53.98	-13.87
* 10640.00	Peak	V	208	348	-68.31	13.84	52.53	73.98	-21.45
* 15960.00	Average	H	-	-	-83.39	19.93	43.54	53.98	-10.44
* 15960.00	Peak	H	-	-	-72.44	19.93	54.49	73.98	-19.49

Table 7-164. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 229 of 397



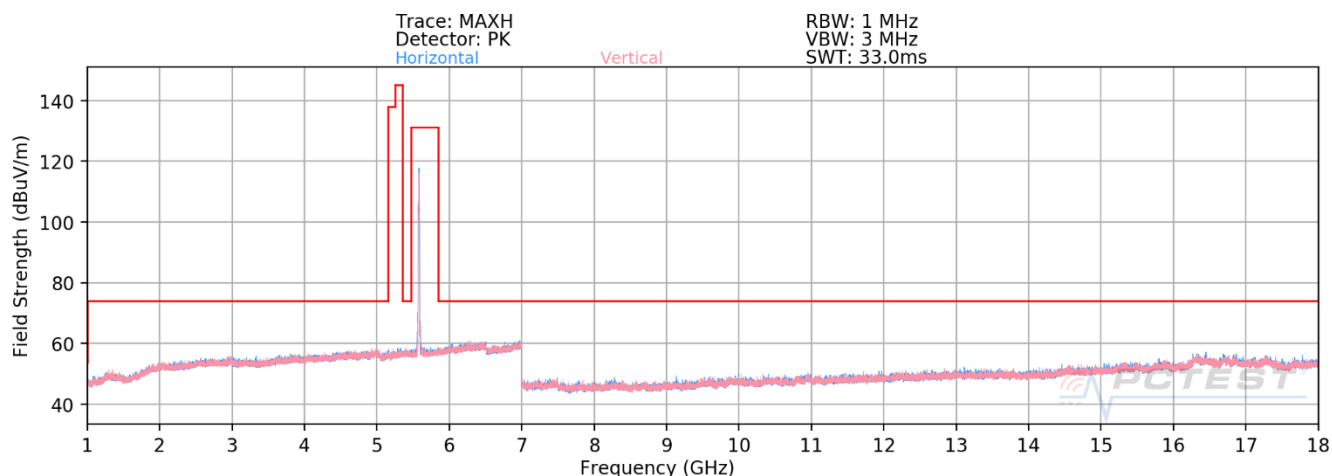
Plot 7-595. RSE above 1GHz Antenna 1b (11ax – Ch.100 – RU26)

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	H	-	-	-82.69	14.68	38.99	53.98	-14.99
* 11000.00	Peak	H	-	-	-70.81	14.68	50.87	73.98	-23.11
16500.00	Peak	H	-	-	-71.57	20.70	56.13	68.20	-12.07

Table 7-165. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 230 of 397



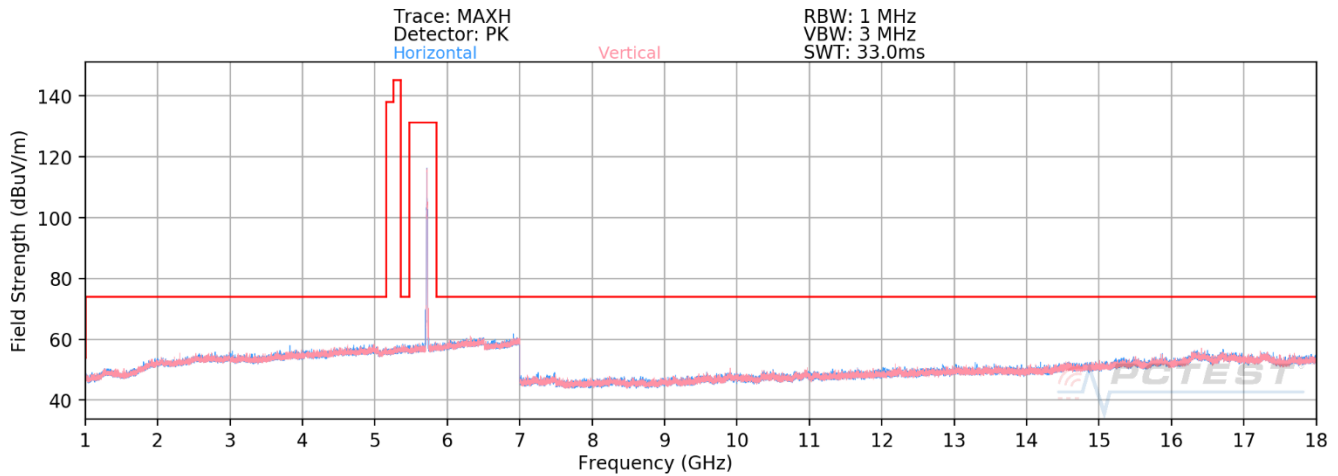
Plot 7-596. RSE above 1GHz Antenna 1b (11ax – Ch.116 – RU26)

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	H	-	-	-82.65	14.96	39.31	53.98	-14.67
* 11160.00	Peak	H	-	-	-71.57	14.96	50.39	73.98	-23.59
16740.00	Peak	H	-	-	-75.25	21.55	53.30	68.20	-14.90

Table 7-166. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 231 of 397



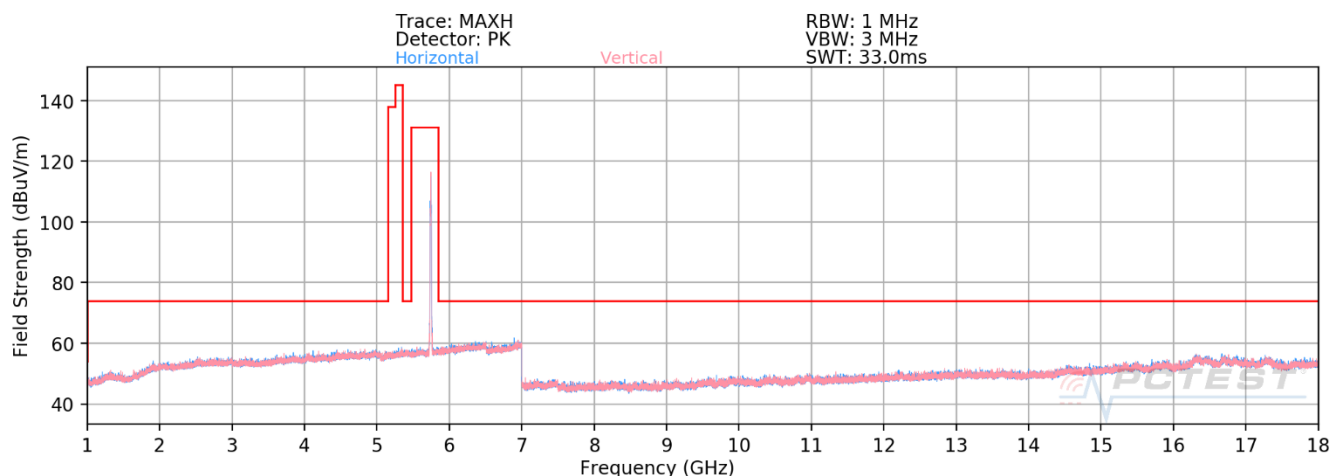
Plot 7-597. RSE above 1GHz Antenna 1b (11ax – Ch.144 – RU26)

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	H	-	-	-82.74	15.01	39.27	53.98	-14.71
* 11440.00	Peak	H	-	-	-71.11	15.01	50.90	73.98	-23.08
17160.00	Peak	H	-	-	-71.66	21.38	56.72	68.20	-11.48

Table 7-167. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 232 of 397



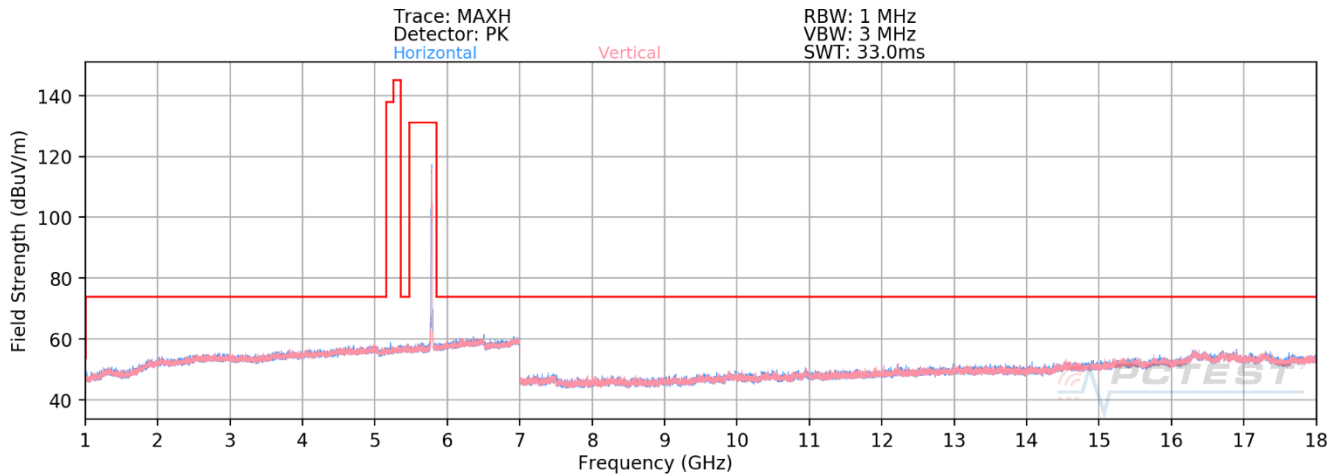
Plot 7-598. RSE above 1GHz Antenna 1b (11ax – Ch.149 – RU26)

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	H	-	-	-82.54	15.10	39.56	53.98	-14.42
*	11490.00	Peak	H	-	-	-71.36	15.10	50.74	73.98	-23.24
	17235.00	Peak	H	-	-	-72.15	21.19	56.04	68.20	-12.16

Table 7-168. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 233 of 397



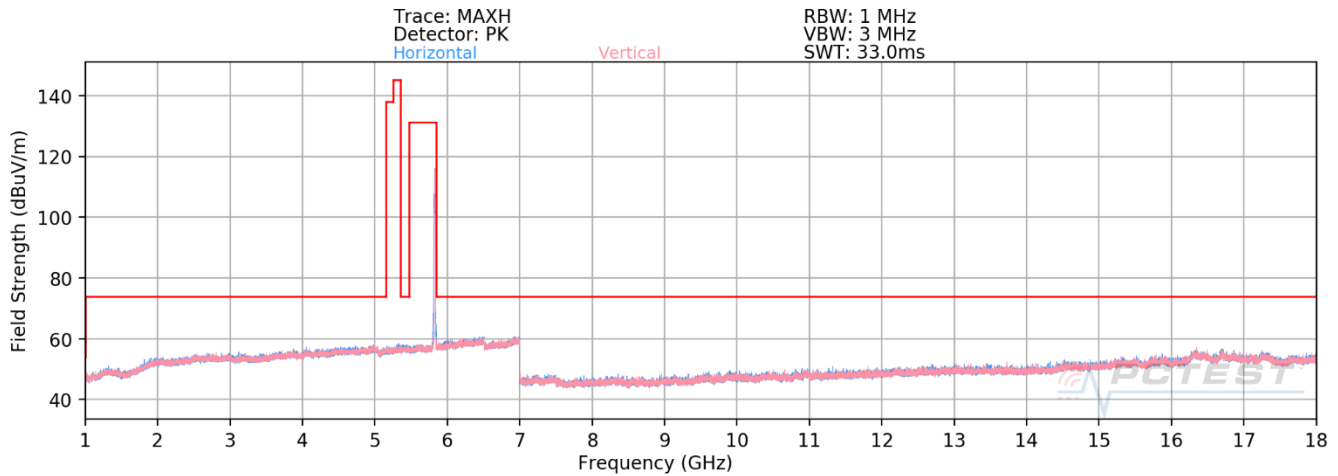
Plot 7-599. RSE above 1GHz Antenna 1b (11ax – Ch.157 – RU26)

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	H	-	-	-82.74	15.28	39.54	53.98	-14.44
* 11570.00	Peak	H	-	-	-72.12	15.28	50.16	73.98	-23.82
17355.00	Peak	H	-	-	-72.71	21.26	55.55	68.20	-12.65

Table 7-169. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 234 of 397



Plot 7-600. RSE above 1GHz Antenna 1b (11ax – Ch.165 – RU26)

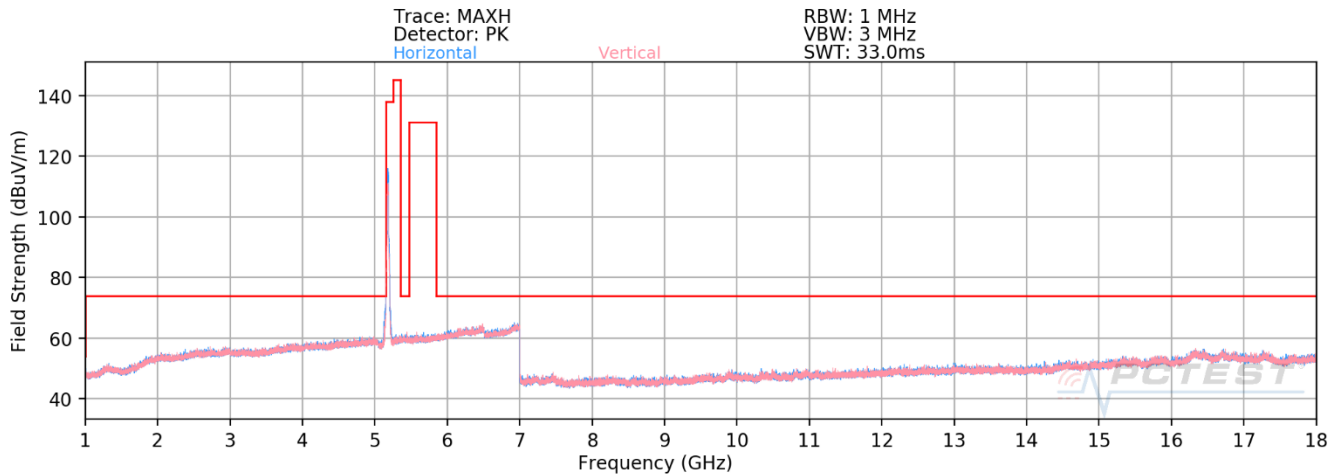
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

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	H	-	-	-82.75	15.34	39.59	53.98	-14.39
* 11650.00	Peak	H	-	-	-71.67	15.34	50.67	73.98	-23.31
17475.00	Peak	H	-	-	-73.11	20.98	54.87	68.20	-13.33

Table 7-170. Radiated Measurements Antenna 1b (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 235 of 397

RU242



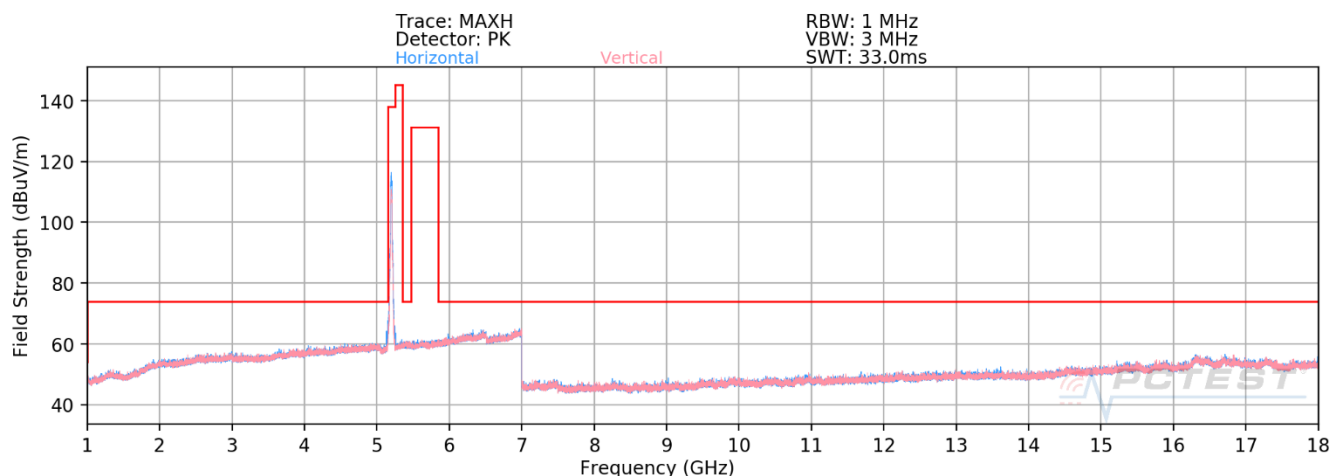
Plot 7-601. RSE above 1GHz Antenna 1b (11ax – Ch.36 – RU242)

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	H	-	-	-71.67	13.87	49.20	68.20	-19.00
* 15540.00	Average	H	-	-	-83.50	19.14	42.64	53.98	-11.34
* 15540.00	Peak	H	-	-	-72.75	19.14	53.39	73.98	-20.59

Table 7-171. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 236 of 397



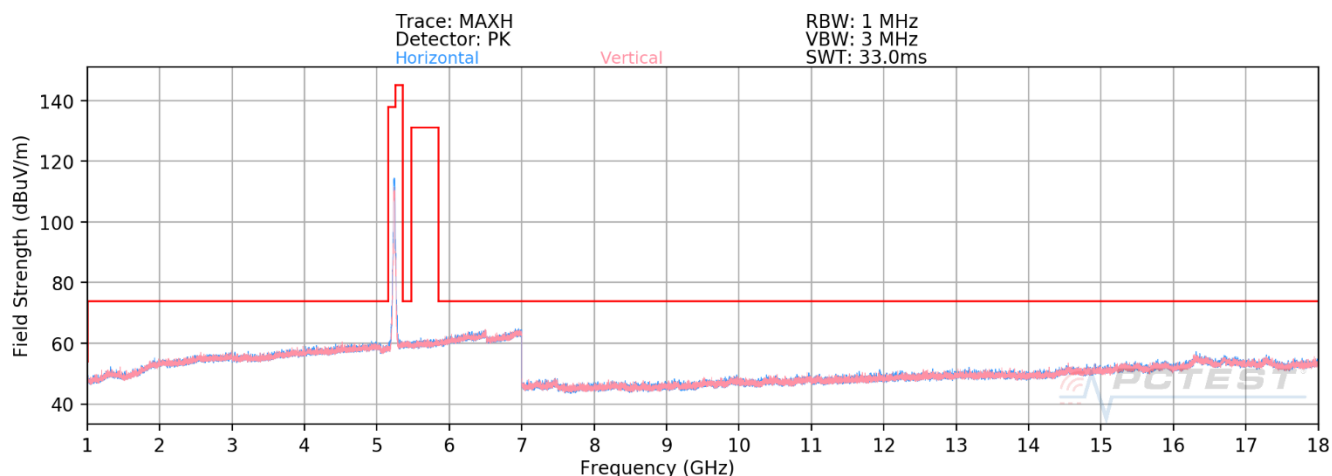
Plot 7-602. RSE above 1GHz Antenna 1b (11ax – Ch.40 – RU242)

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	H	-	-	-71.64	14.29	49.65	68.20	-18.55
* 15600.00	Average	H	-	-	-83.84	19.18	42.34	53.98	-11.64
* 15600.00	Peak	H	-	-	-72.78	19.18	53.40	73.98	-20.58

Table 7-172. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 237 of 397



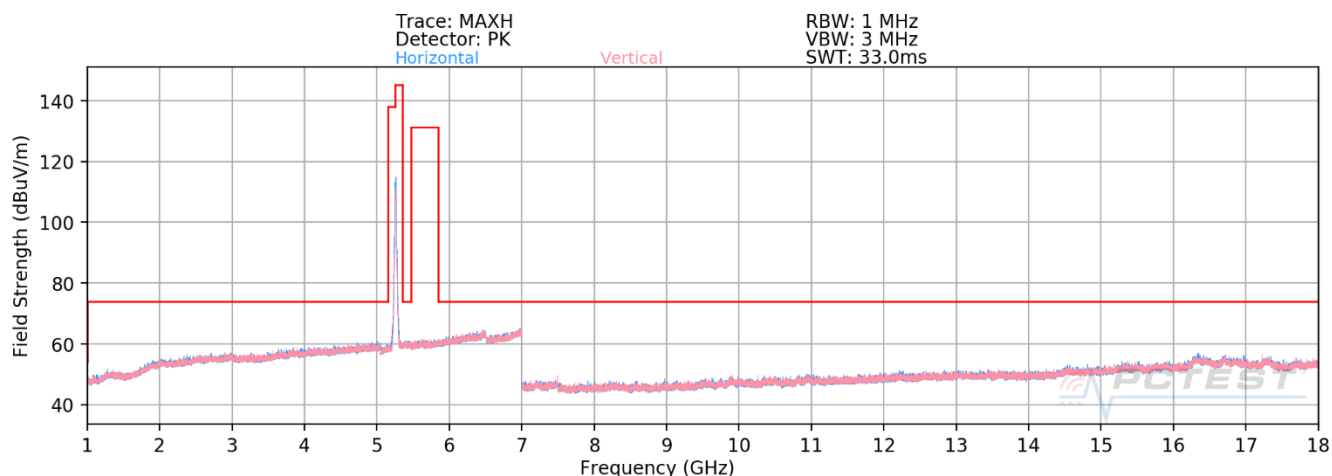
Plot 7-603. RSE above 1GHz Antenna 1b (11ax – Ch.48 – RU242)

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	H	-	-	-71.61	13.80	49.19	68.20	-19.01
* 15720.00	Average	H	-	-	-83.72	19.44	42.72	53.98	-11.26
* 15720.00	Peak	H	-	-	-73.20	19.44	53.24	73.98	-20.74

Table 7-173. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 238 of 397



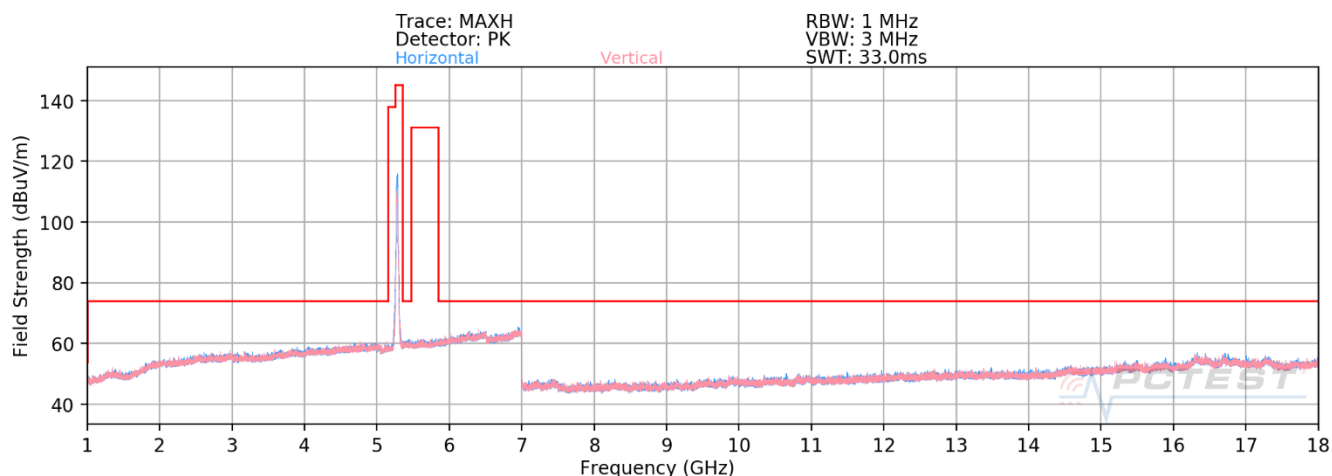
Plot 7-604. RSE above 1GHz Antenna 1b (11ax – Ch.52 – RU242)

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.35	14.24	49.89	68.20	-18.31
* 15780.00	Average	H	-	-	-83.57	19.90	43.33	53.98	-10.65
* 15780.00	Peak	H	-	-	-72.89	19.90	54.01	73.98	-19.97

Table 7-174. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 239 of 397



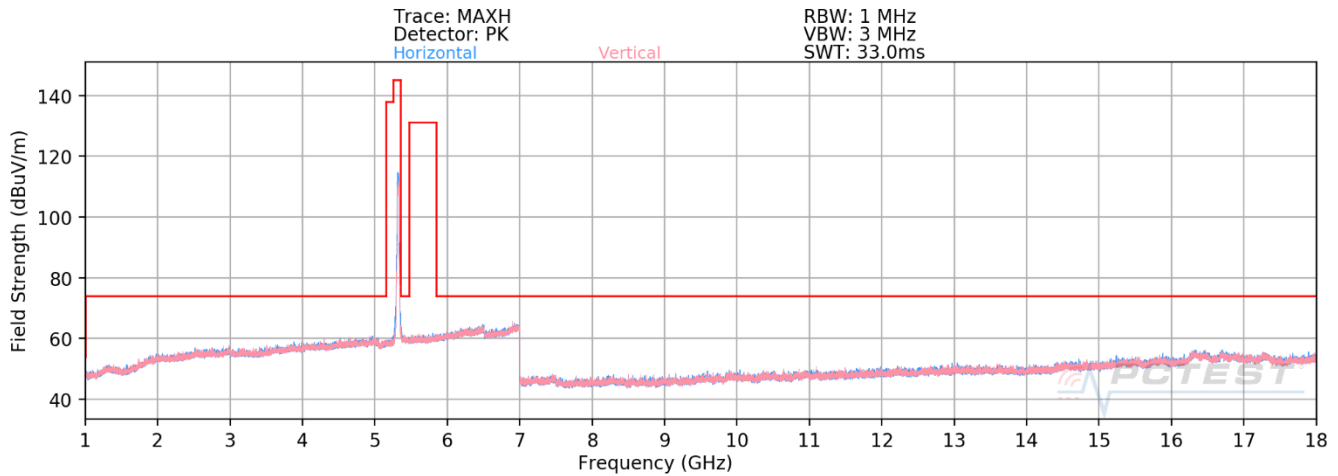
Plot 7-605. RSE above 1GHz Antenna 1b (11ax – Ch.56 – RU242)

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	H	-	-	-71.89	14.52	49.63	68.20	-18.57
* 15840.00	Average	H	-	-	-83.41	19.71	43.30	53.98	-10.68
* 15840.00	Peak	H	-	-	-72.84	19.71	53.87	73.98	-20.11

Table 7-175. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 240 of 397



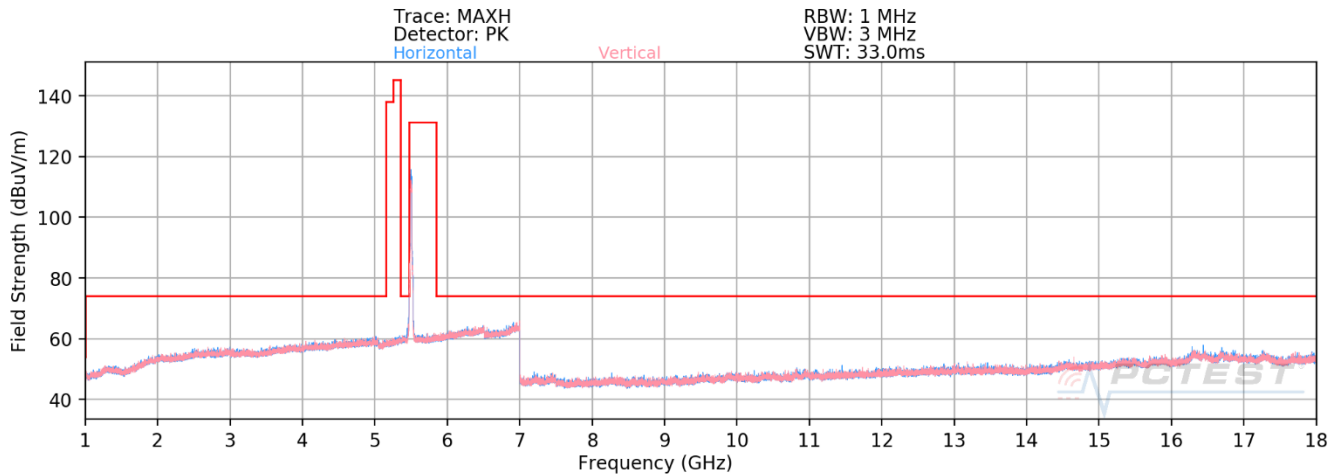
Plot 7-606. RSE above 1GHz Antenna 1b (11ax – Ch.64 – RU242)

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	H	-	-	-82.28	13.84	38.56	53.98	-15.42
* 10640.00	Peak	H	-	-	-71.17	13.84	49.67	73.98	-24.31
* 15960.00	Average	H	-	-	-83.15	19.93	43.78	53.98	-10.20
* 15960.00	Peak	H	-	-	-72.95	19.93	53.98	73.98	-20.00

Table 7-176. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 241 of 397



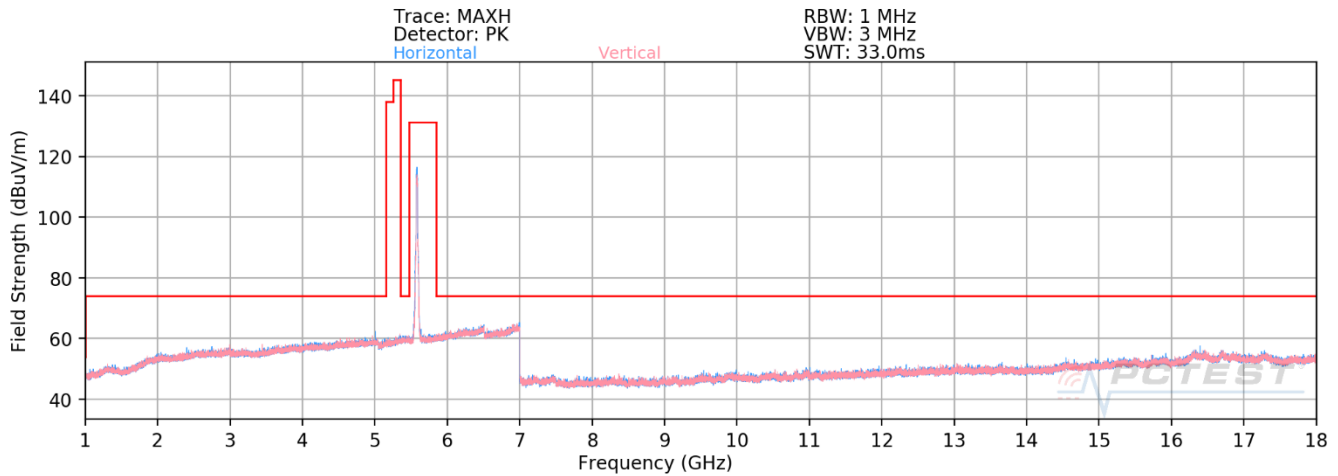
Plot 7-607. RSE above 1GHz Antenna 1b (11ax – Ch.100 – RU242)

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	H	-	-	-82.51	14.68	39.17	53.98	-14.81
*	11000.00	Peak	H	-	-	-71.53	14.68	50.15	73.98	-23.83
	16500.00	Peak	H	-	-	-72.15	20.70	55.55	68.20	-12.65

Table 7-177. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 242 of 397



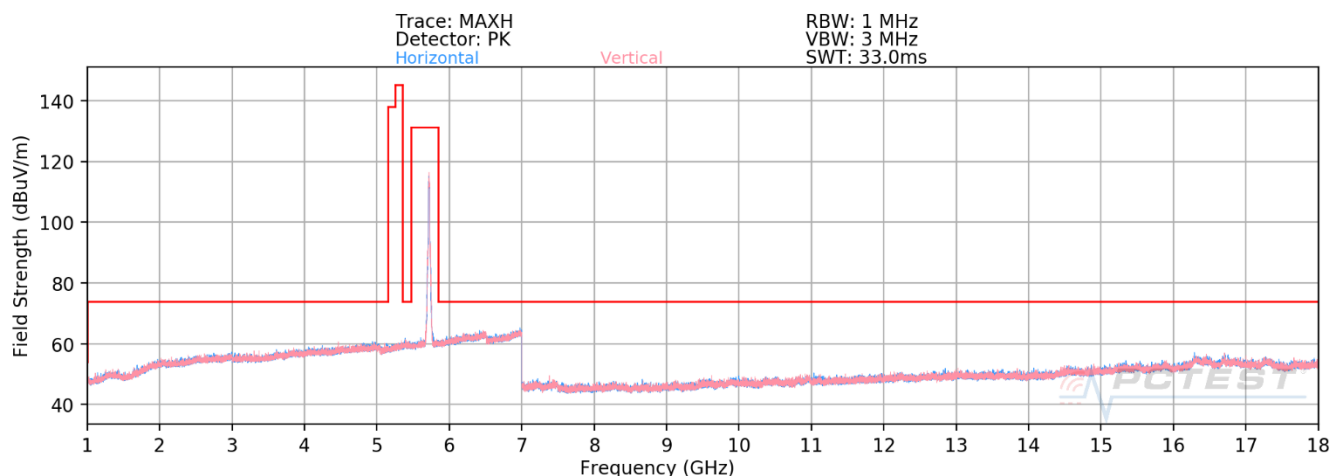
Plot 7-608. RSE above 1GHz Antenna 1b (11ax – Ch.116 – RU242)

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	H	-	-	-82.66	14.96	39.30	53.98	-14.68
* 11160.00	Peak	H	-	-	-71.72	14.96	50.24	73.98	-23.74
16740.00	Peak	H	-	-	-72.26	21.55	56.29	68.20	-11.91

Table 7-178. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 243 of 397



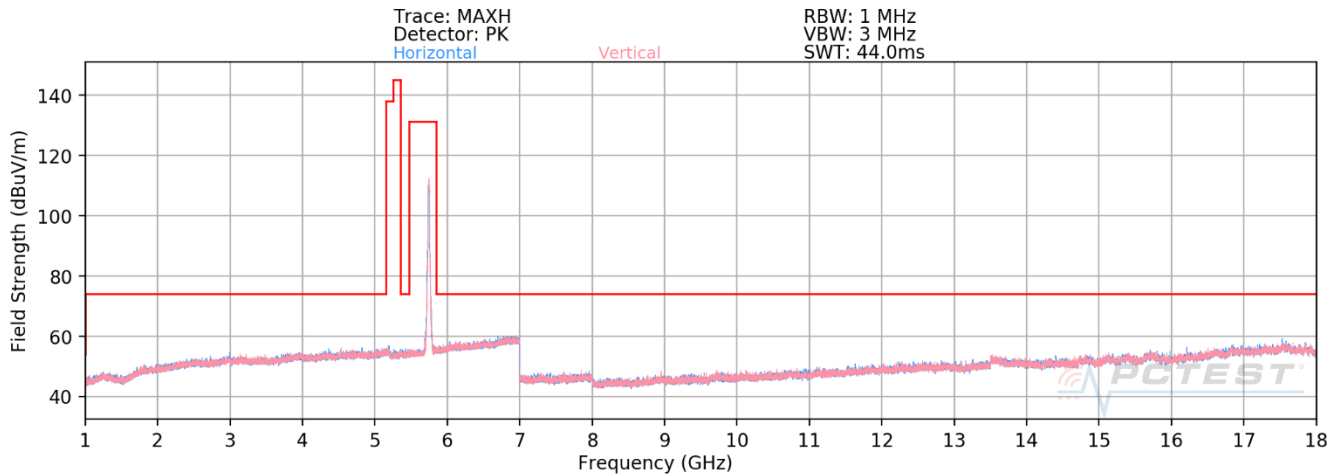
Plot 7-609. RSE above 1GHz Antenna 1b (11ax – Ch.144 – RU242)

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	H	-	-	-82.70	15.01	39.31	53.98	-14.67
* 11440.00	Peak	H	-	-	-71.59	15.01	50.42	73.98	-23.56
17160.00	Peak	H	-	-	-72.09	21.38	56.29	68.20	-11.91

Table 7-179. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 244 of 397



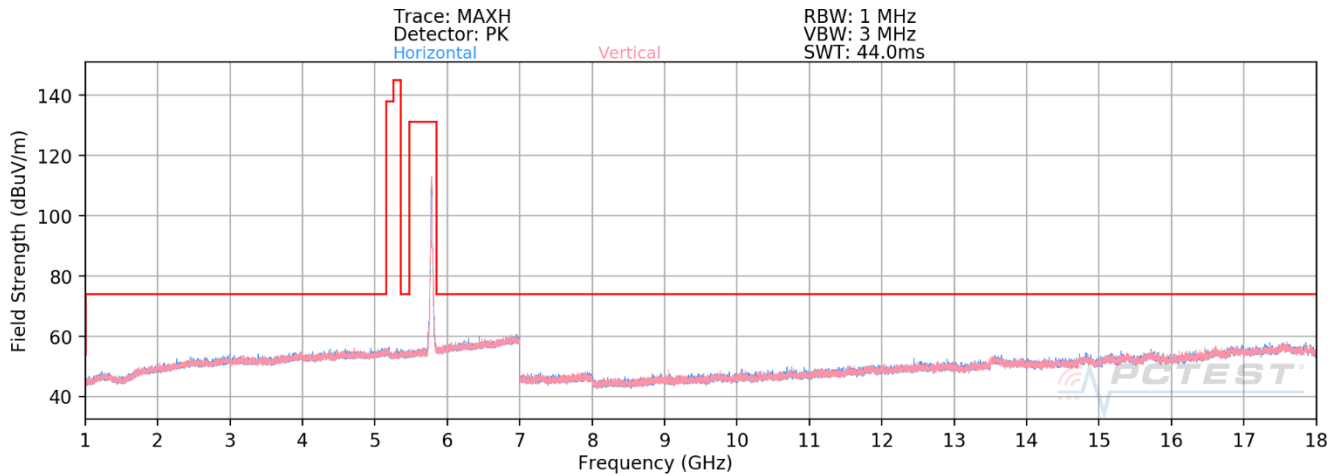
Plot 7-610. RSE above 1GHz Antenna 1b (11ax – Ch.149 – RU242)

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	H	-	-	-82.89	15.10	39.21	53.98	-14.77
*	11490.00	Peak	H	-	-	-71.65	15.10	50.45	73.98	-23.53
	17235.00	Peak	H	-	-	-72.31	21.19	55.88	68.20	-12.32

Table 7-180. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 245 of 397



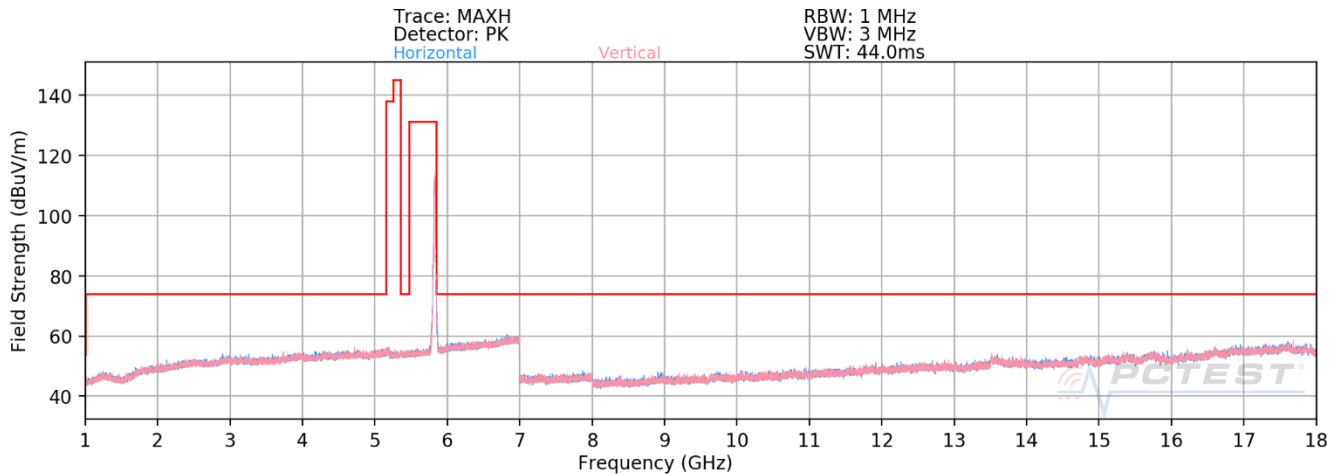
Plot 7-611. RSE above 1GHz Antenna 1b (11ax – Ch.157 – RU242)

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	H	-	-	-83.12	15.28	39.16	53.98	-14.82
* 11570.00	Peak	H	-	-	-71.74	15.28	50.54	73.98	-23.44
17355.00	Peak	H	-	-	-72.29	21.26	55.97	68.20	-12.23

Table 7-181. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 246 of 397



Plot 7-612. RSE above 1GHz Antenna 1b (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

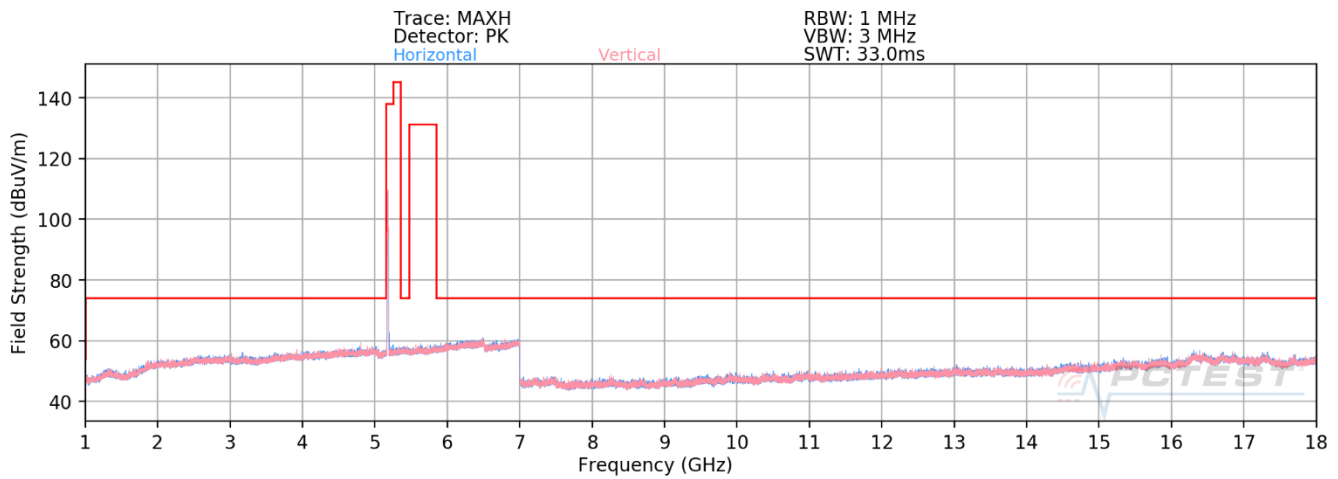
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-82.98	15.34	39.36	53.98	-14.62
* 11650.00	Peak	H	-	-	-72.19	15.34	50.15	73.98	-23.83
17475.00	Peak	H	-	-	-72.88	20.98	55.10	68.20	-13.10

Table 7-182. Radiated Measurements Antenna 1b (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 247 of 397

7.6.3 Antenna 3a Radiated Spurious Emission

RU26



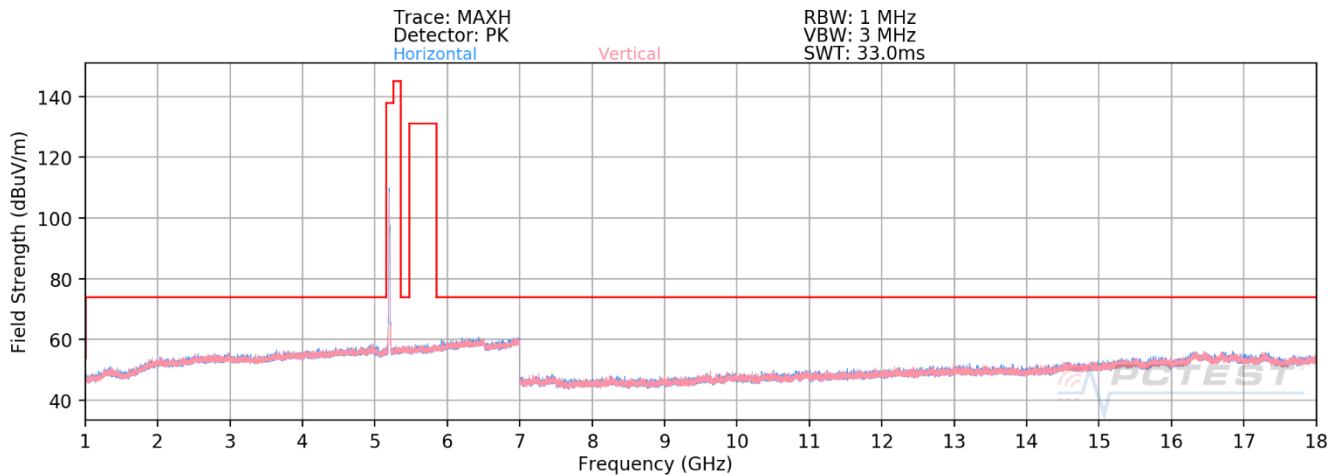
Plot 7-613. RSE above 1GHz Antenna 3a (11ax - Ch.36 - RU26)

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	-	-	-70.57	13.87	50.30	68.20	-17.90
* 15540.00	Average	V	-	-	-83.62	19.14	42.52	53.98	-11.46
* 15540.00	Peak	V	-	-	-72.06	19.14	54.08	73.98	-19.90

Table 7-183. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 248 of 397



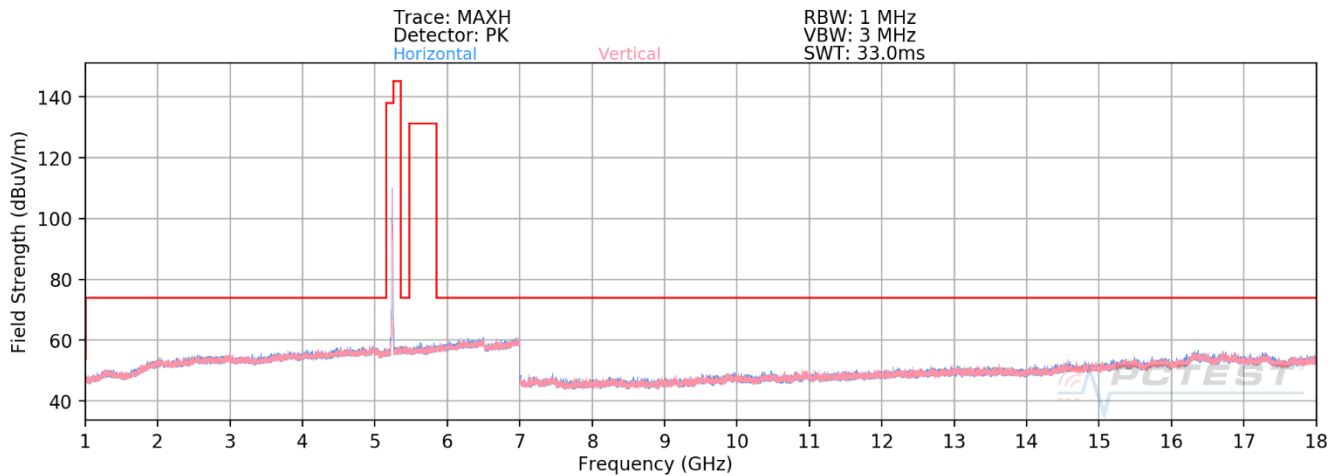
Plot 7-614. RSE above 1GHz Antenna 3a (11ax – Ch.40 – RU26)

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	-	-	-70.82	14.29	50.47	68.20	-17.73
* 15600.00	Average	V	-	-	-83.65	19.18	42.53	53.98	-11.45
* 15600.00	Peak	V	-	-	-72.18	19.18	54.00	73.98	-19.98

Table 7-184. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 249 of 397



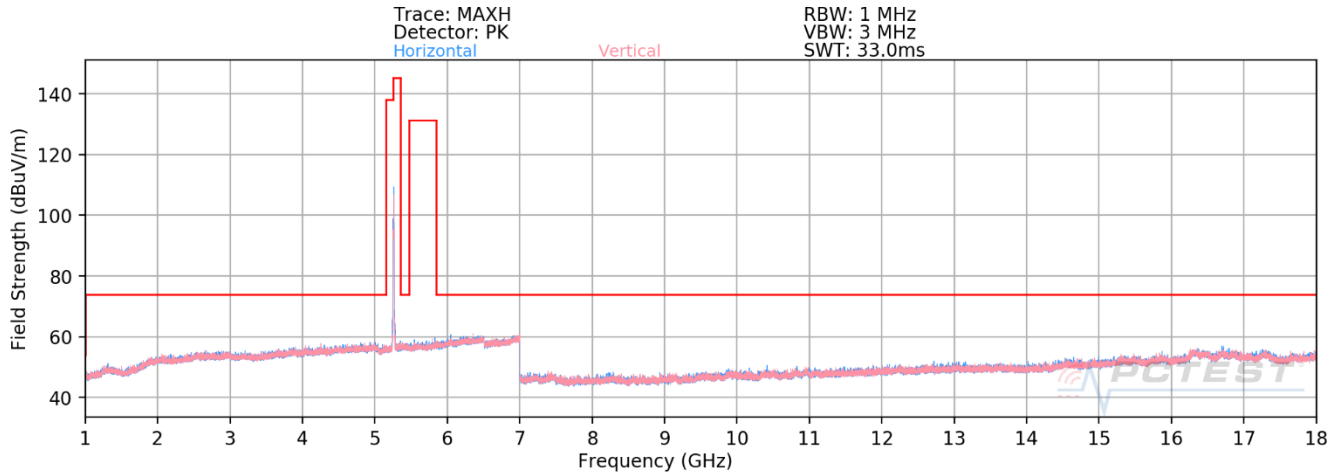
Plot 7-615. RSE above 1GHz Antenna 3a (11ax – Ch.48 – RU26)

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	V	-	-	-70.67	13.80	50.13	68.20	-18.07
* 15720.00	Average	V	-	-	-83.50	19.44	42.94	53.98	-11.04
* 15720.00	Peak	V	-	-	-71.40	19.44	55.04	73.98	-18.94

Table 7-185. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 250 of 397



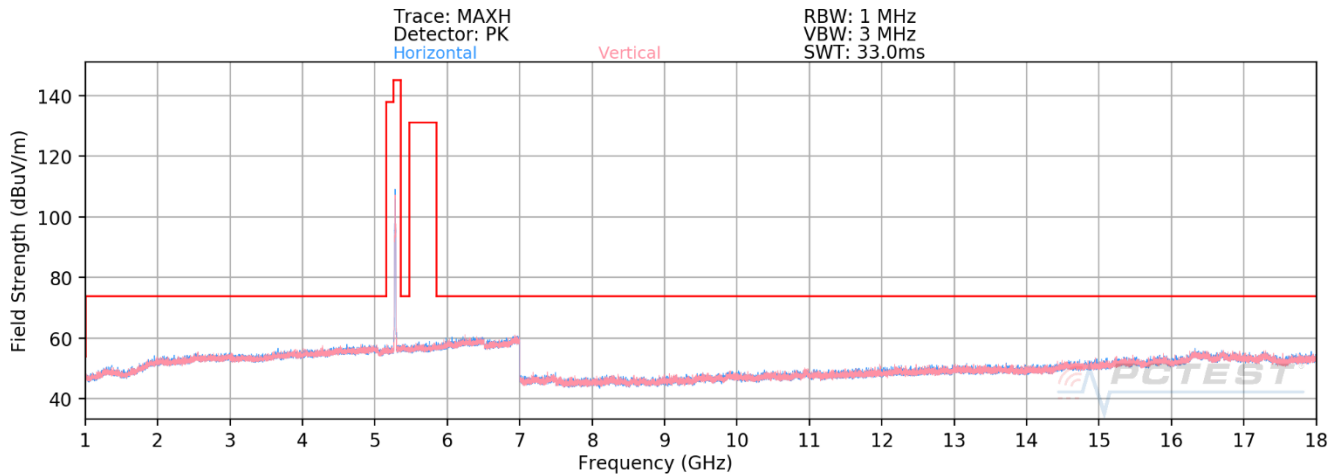
Plot 7-616. RSE above 1GHz Antenna 3a (11ax – Ch.52 – RU26)

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	-	-	-70.98	14.24	50.26	68.20	-17.94
* 15780.00	Average	V	-	-	-83.37	19.90	43.53	53.98	-10.45
* 15780.00	Peak	V	-	-	-72.68	19.90	54.22	73.98	-19.76

Table 7-186. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 251 of 397



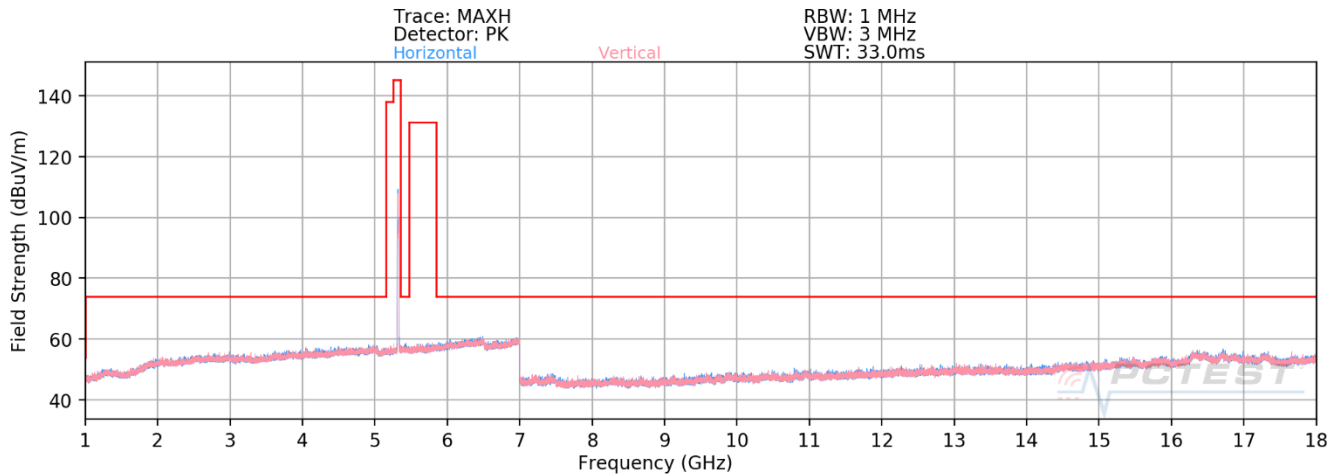
Plot 7-617. RSE above 1GHz Antenna 3a (11ax – Ch.56 – RU26)

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	V	-	-	-71.56	14.52	49.96	68.20	-18.24
* 15840.00	Average	V	-	-	-83.51	19.71	43.20	53.98	-10.78
* 15840.00	Peak	V	-	-	-72.68	19.71	54.03	73.98	-19.95

Table 7-187. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 252 of 397



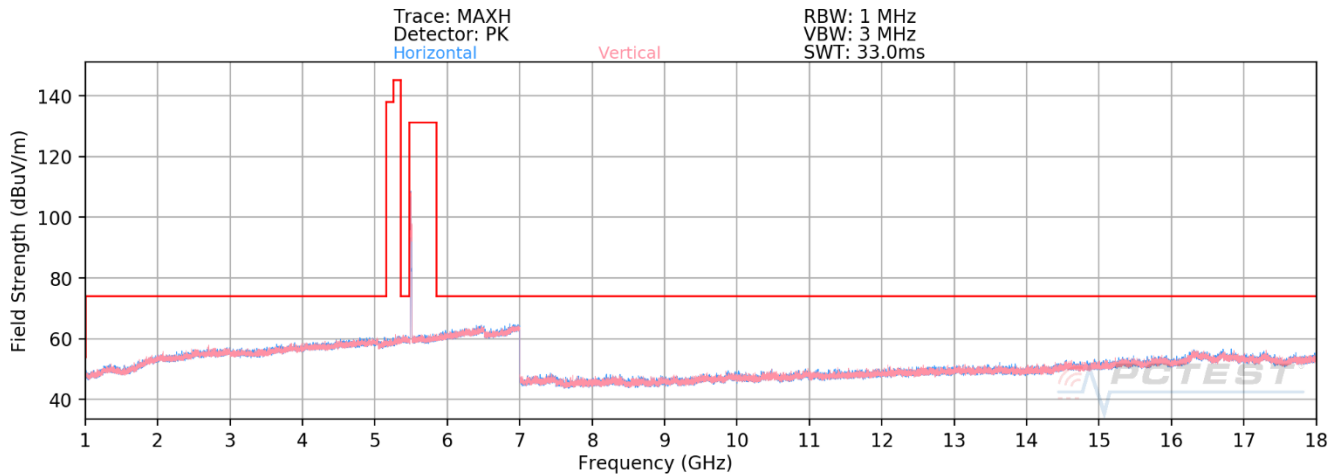
Plot 7-618. RSE above 1GHz Antenna 3a (11ax – Ch.64 – RU26)

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	-	-	-82.25	13.84	38.59	53.98	-15.39
* 10640.00	Peak	V	-	-	-71.17	13.84	49.67	73.98	-24.31
* 15960.00	Average	V	-	-	-83.75	19.93	43.18	53.98	-10.80
* 15960.00	Peak	V	-	-	-72.49	19.93	54.44	73.98	-19.54

Table 7-188. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 253 of 397



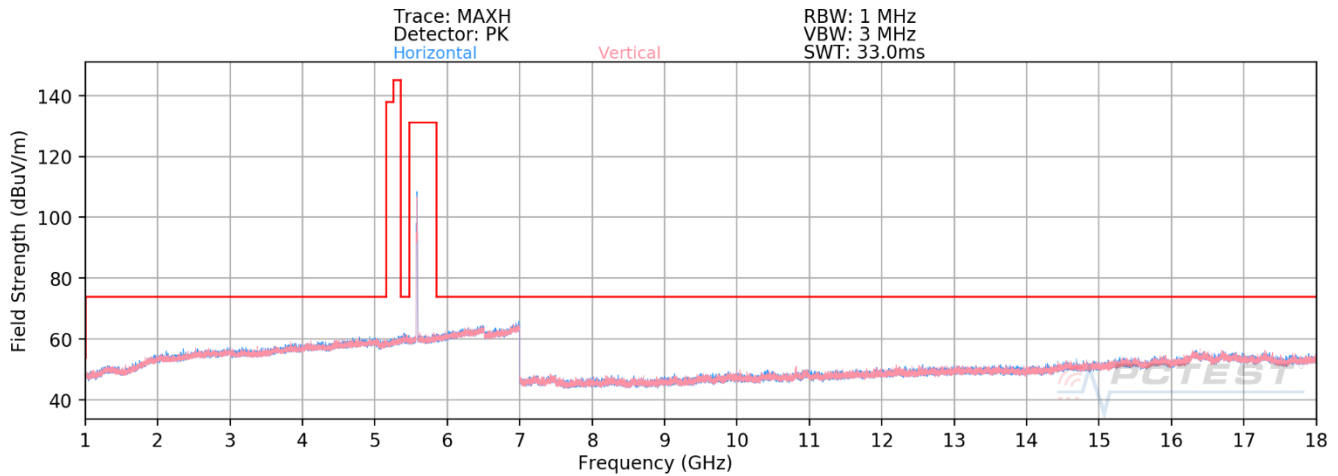
Plot 7-619. RSE above 1GHz Antenna 3a (11ax – Ch.100 – RU26)

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	V	-	-	-82.77	14.68	38.91	53.98	-15.07
* 11000.00	Peak	V	-	-	-71.30	14.68	50.38	73.98	-23.60
16500.00	Peak	V	-	-	-72.50	20.70	55.20	68.20	-13.00

Table 7-189. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 254 of 397



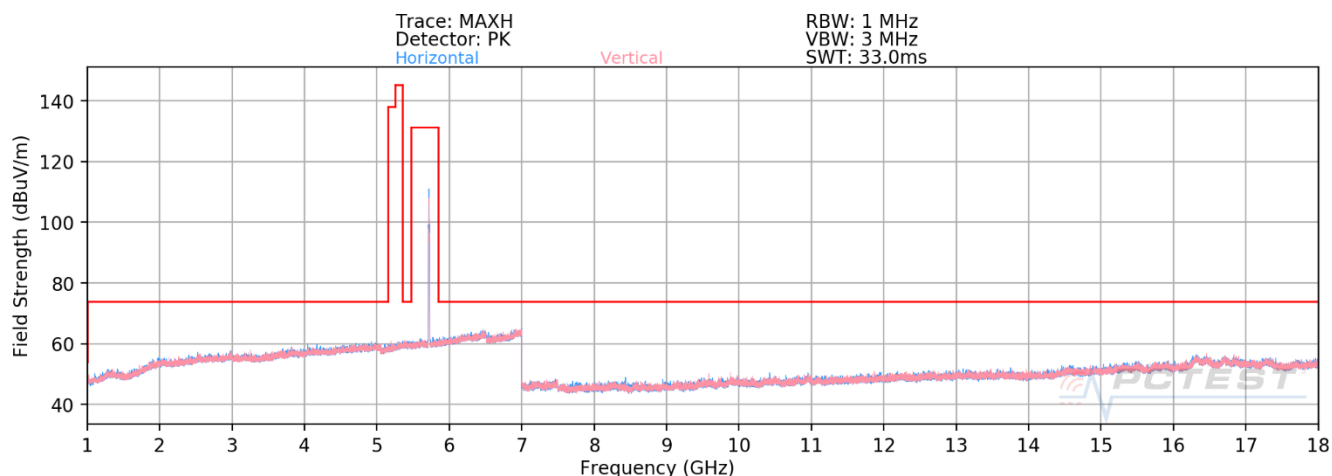
Plot 7-620. RSE above 1GHz Antenna 3a (11ax – Ch.116 – RU26)

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	V	-	-	-82.69	14.96	39.27	53.98	-14.71
* 11160.00	Peak	V	-	-	-71.90	14.96	50.06	73.98	-23.92
16740.00	Peak	V	-	-	-70.91	21.55	57.64	68.20	-10.56

Table 7-190. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 255 of 397



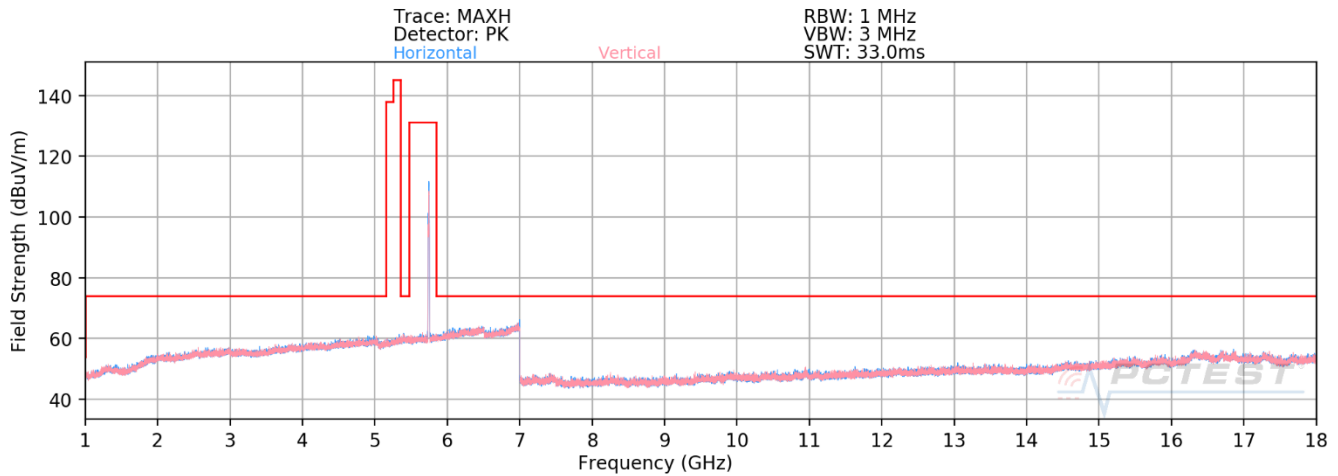
Plot 7-621. RSE above 1GHz Antenna 3a (11ax – Ch.144 – RU26)

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	V	-	-	-82.80	15.01	39.21	53.98	-14.77
* 11440.00	Peak	V	-	-	-70.91	15.01	51.10	73.98	-22.88
17160.00	Peak	V	-	-	-71.65	21.38	56.73	68.20	-11.47

Table 7-191. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 256 of 397



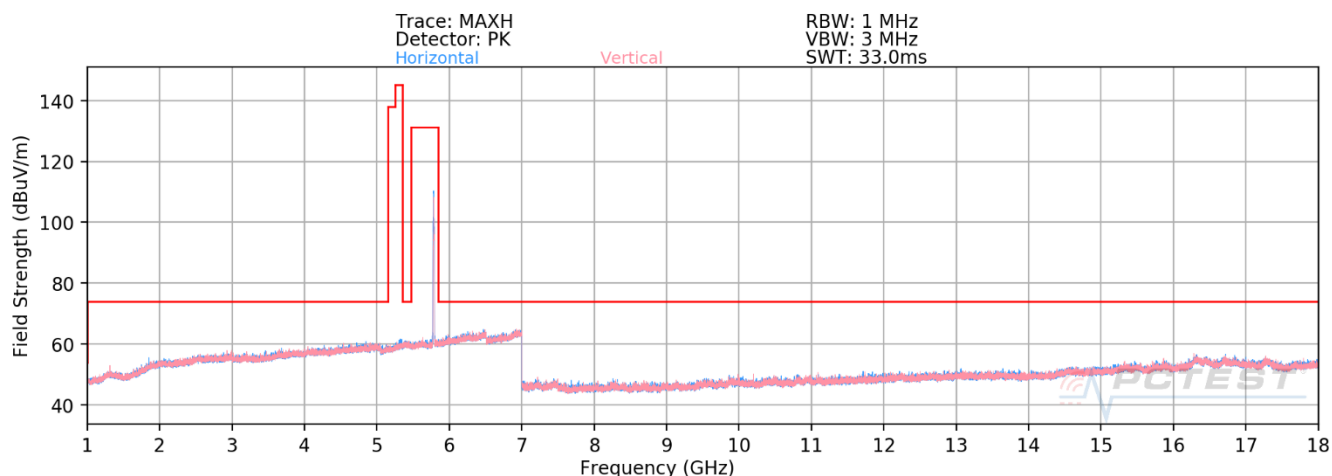
Plot 7-622. RSE above 1GHz Antenna 3a (11ax – Ch.149 – RU26)

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	V	-	-	-82.56	15.10	39.54	53.98	-14.44
* 11490.00	Peak	V	-	-	-70.92	15.10	51.18	73.98	-22.80
17235.00	Peak	V	-	-	-72.27	21.19	55.92	68.20	-12.28

Table 7-192. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 257 of 397



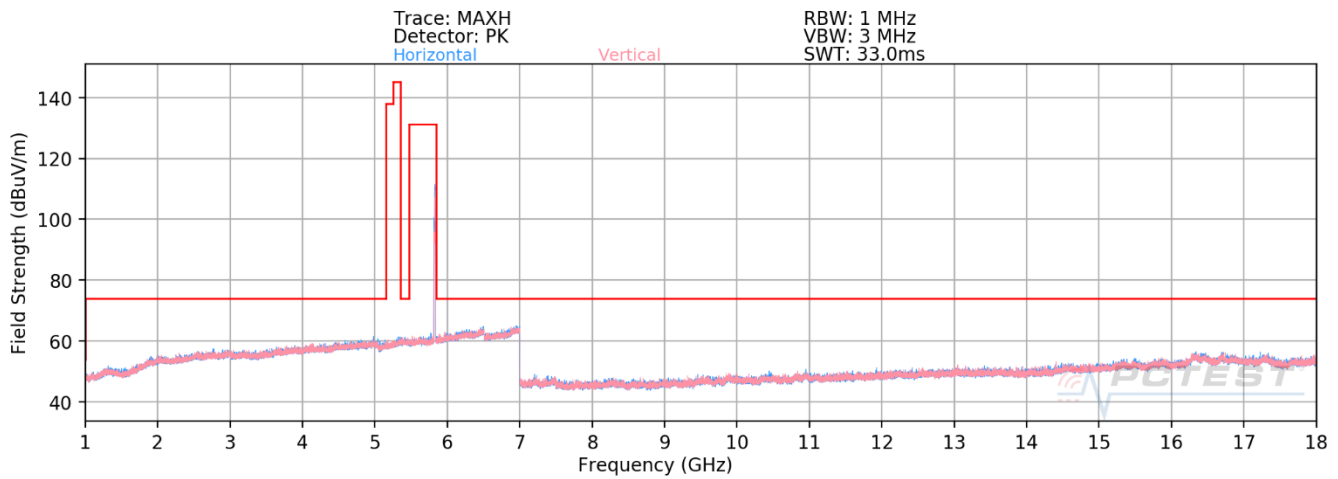
Plot 7-623. RSE above 1GHz Antenna 3a (11ax – Ch.157 – RU26)

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	V	-	-	-82.88	15.28	39.40	53.98	-14.58
* 11570.00	Peak	V	-	-	-71.71	15.28	50.57	73.98	-23.41
17355.00	Peak	V	-	-	-72.24	21.26	56.02	68.20	-12.18

Table 7-193. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 258 of 397



Plot 7-624. RSE above 1GHz Antenna 3a (11ax – Ch.165 – RU26)

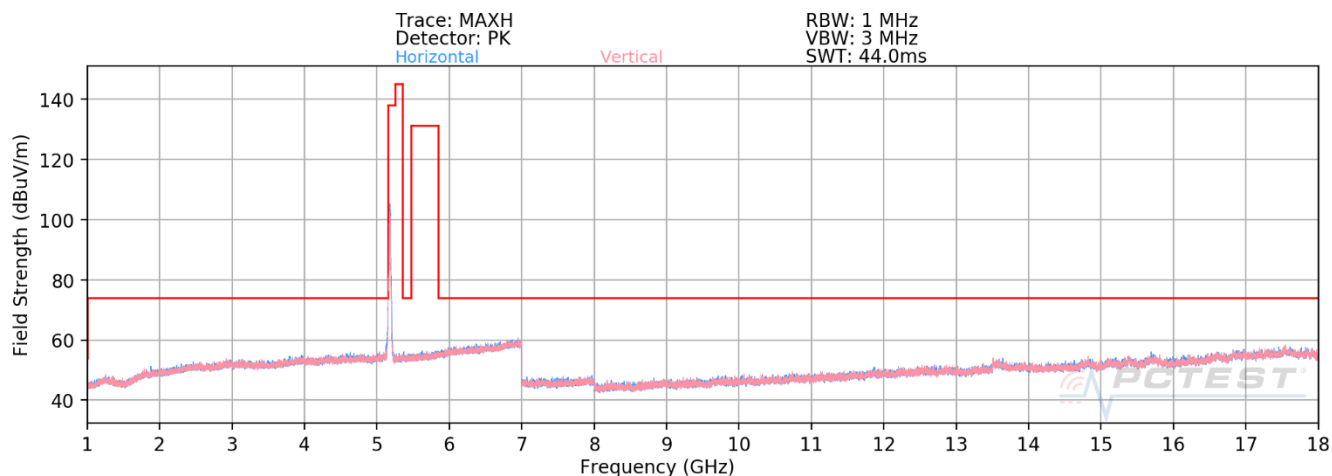
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

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	V	-	-	-82.97	15.34	39.37	53.98	-14.61
* 11650.00	Peak	V	-	-	-71.57	15.34	50.77	73.98	-23.21
17475.00	Peak	V	-	-	-72.28	20.98	55.70	68.20	-12.50

Table 7-194. Radiated Measurements Antenna 3a (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 259 of 397

RU242



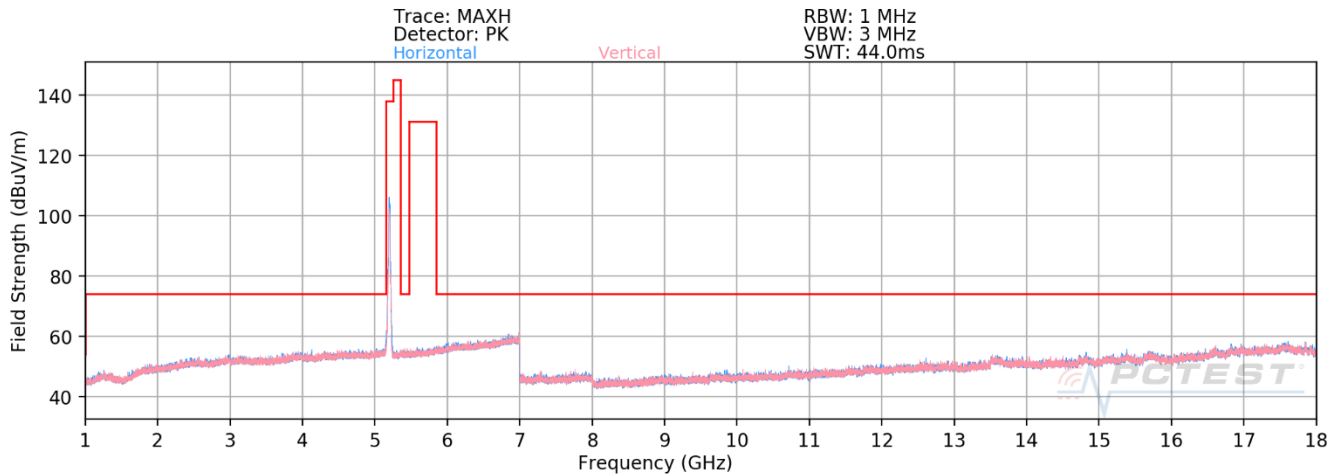
Plot 7-625. RSE above 1GHz Antenna 3a (11ax – Ch.36 – RU242)

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	-	-	-71.45	13.87	49.42	68.20	-18.78
* 15540.00	Average	V	-	-	-83.98	19.14	42.16	53.98	-11.82
* 15540.00	Peak	V	-	-	-72.74	19.14	53.40	73.98	-20.58

Table 7-195. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 260 of 397



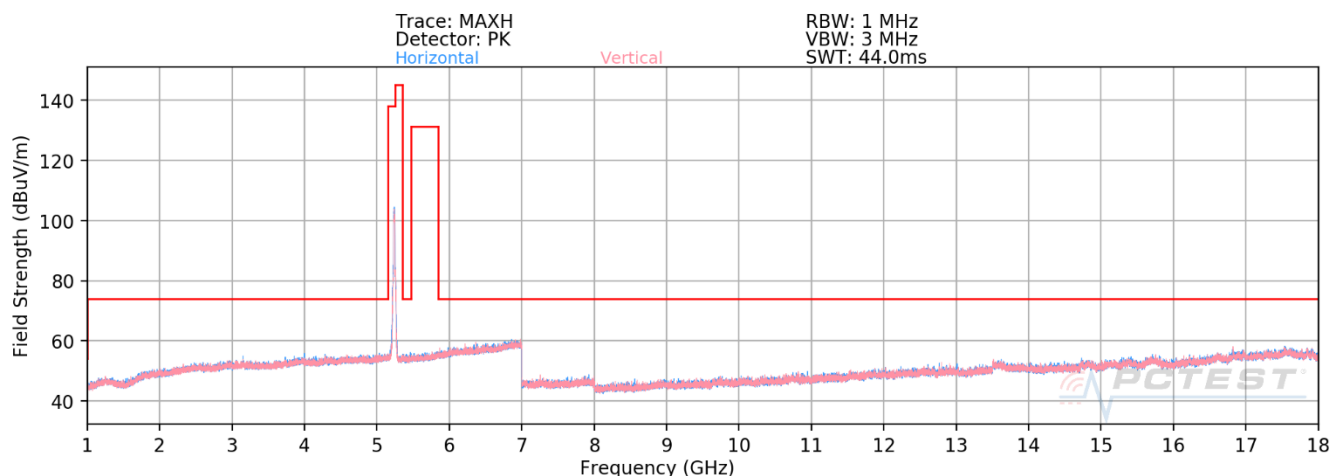
Plot 7-626. RSE above 1GHz Antenna 3a (11ax – Ch.40 – RU242)

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	-	-	-71.09	14.29	50.20	68.20	-18.00
* 15600.00	Average	V	-	-	-83.66	19.18	42.52	53.98	-11.46
* 15600.00	Peak	V	-	-	-72.85	19.18	53.33	73.98	-20.65

Table 7-196. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 261 of 397



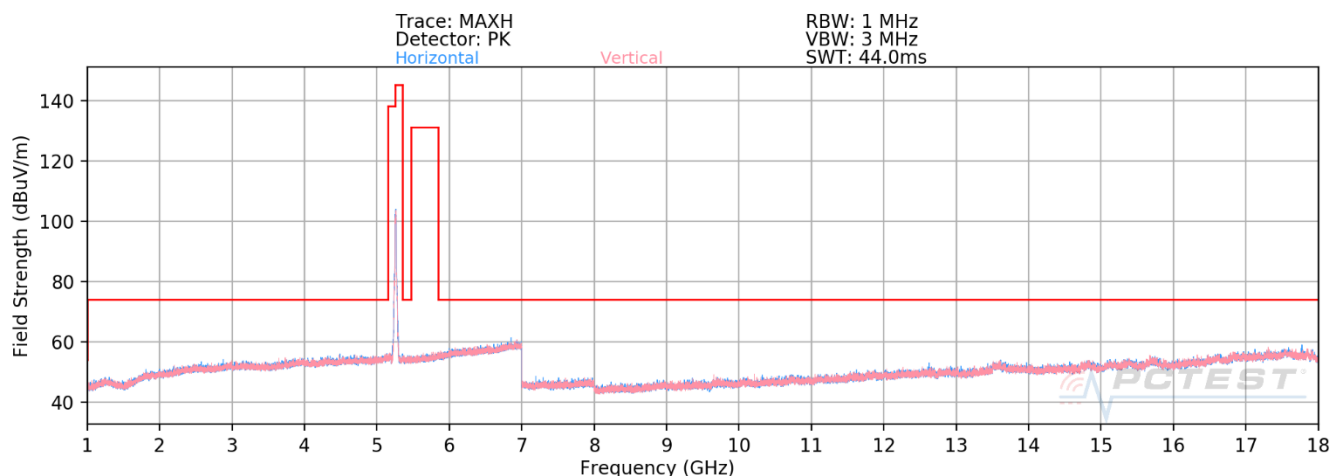
Plot 7-627. RSE above 1GHz Antenna 3a (11ax – Ch.48 – RU242)

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	-	-	-70.98	13.80	49.82	68.20	-18.38
* 15720.00	Average	V	-	-	-83.75	19.44	42.69	53.98	-11.29
* 15720.00	Peak	V	-	-	-72.69	19.44	53.75	73.98	-20.23

Table 7-197. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 262 of 397



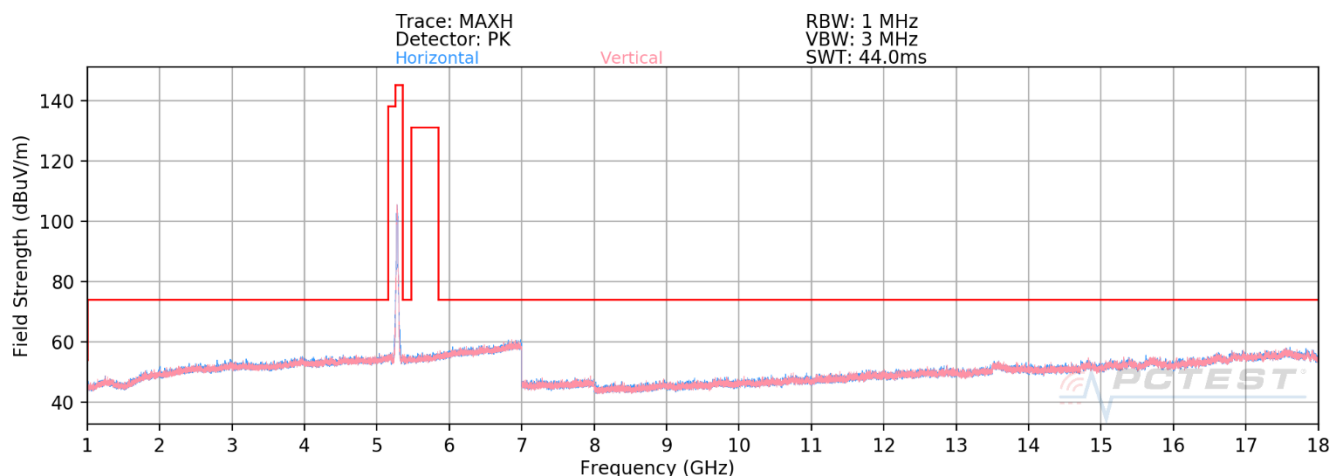
Plot 7-628. RSE above 1GHz Antenna 3a (11ax – Ch.52 – RU242)

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	-	-	-71.42	14.24	49.82	68.20	-18.38
* 15780.00	Average	V	-	-	-83.91	19.90	42.99	53.98	-10.99
* 15780.00	Peak	V	-	-	-72.80	19.90	54.10	73.98	-19.88

Table 7-198. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 263 of 397



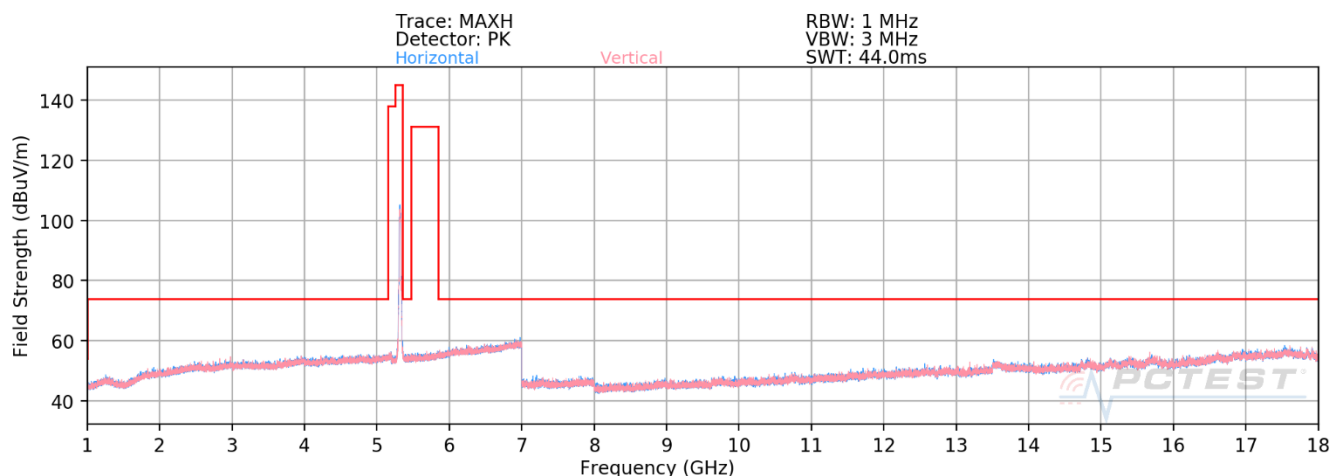
Plot 7-629. RSE above 1GHz Antenna 3a (11ax – Ch.56 – RU242)

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	V	-	-	-71.75	14.52	49.77	68.20	-18.43
* 15840.00	Average	V	-	-	-83.63	19.71	43.08	53.98	-10.90
* 15840.00	Peak	V	-	-	-72.03	19.71	54.68	73.98	-19.30

Table 7-199. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 264 of 397




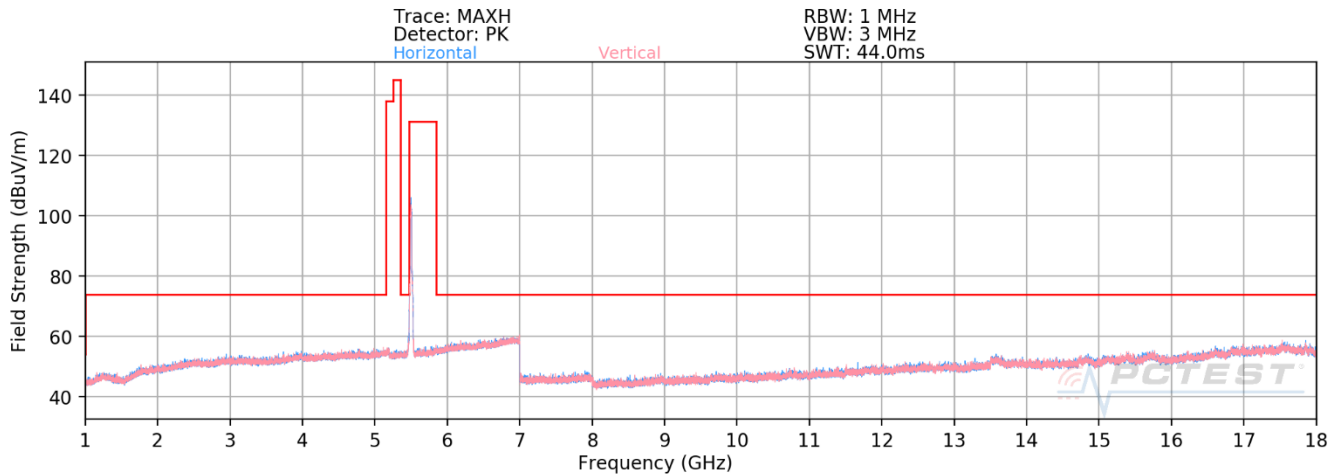
Plot 7-630. RSE above 1GHz Antenna 3a (11ax – Ch.64 – RU242)

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	-	-	-82.29	13.84	38.55	53.98	-15.43
*	10640.00	Peak	V	-	-	-71.58	13.84	49.26	73.98	-24.72
*	15960.00	Average	V	-	-	-83.84	19.93	43.09	53.98	-10.89
*	15960.00	Peak	V	-	-	-72.23	19.93	54.70	73.98	-19.28

Table 7-200. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 265 of 397



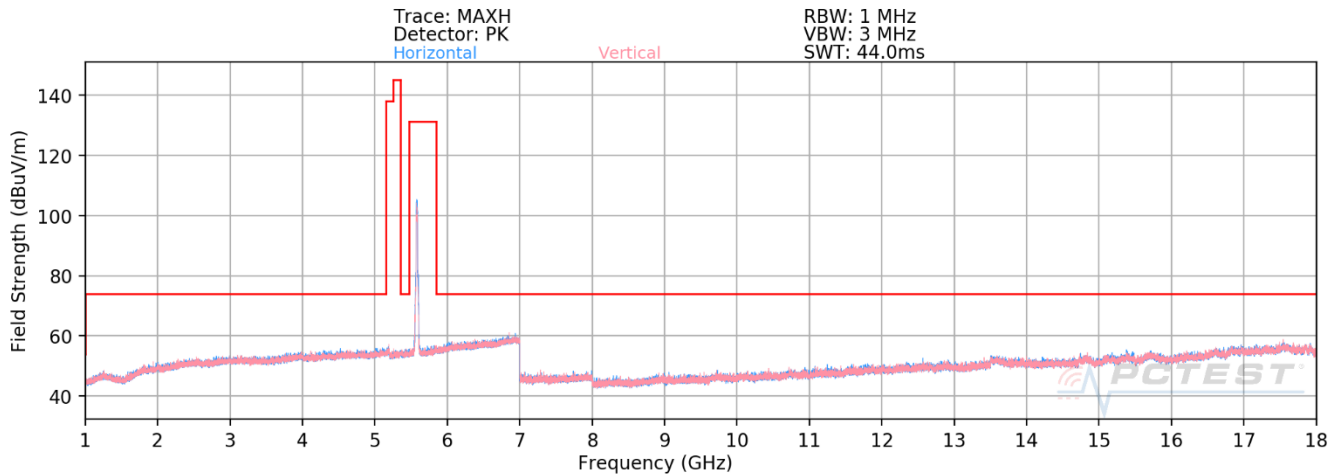
Plot 7-631. RSE above 1GHz Antenna 3a (11ax – Ch.100 – RU242)

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	V	-	-	-82.78	14.68	38.90	53.98	-15.08
*	11000.00	Peak	V	-	-	-71.08	14.68	50.60	73.98	-23.38
	16500.00	Peak	V	-	-	-72.33	20.70	55.37	68.20	-12.83

Table 7-201. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 266 of 397



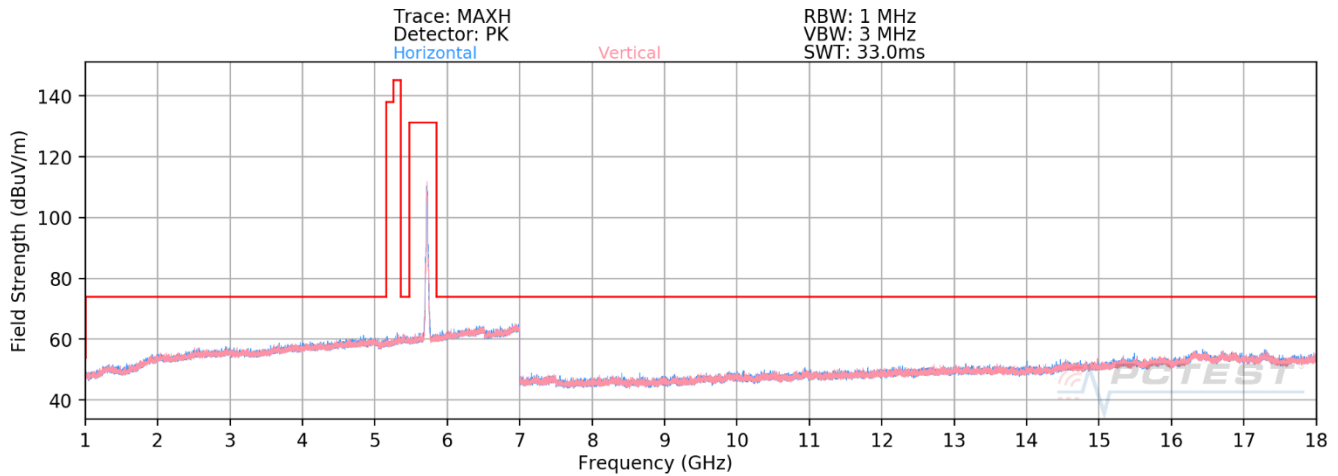
Plot 7-632. RSE above 1GHz Antenna 3a (11ax – Ch.116 – RU242)

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	V	-	-	-82.97	14.96	38.99	53.98	-14.99
* 11160.00	Peak	V	-	-	-72.00	14.96	49.96	73.98	-24.02
16740.00	Peak	V	-	-	-72.38	21.55	56.17	68.20	-12.03

Table 7-202. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 267 of 397



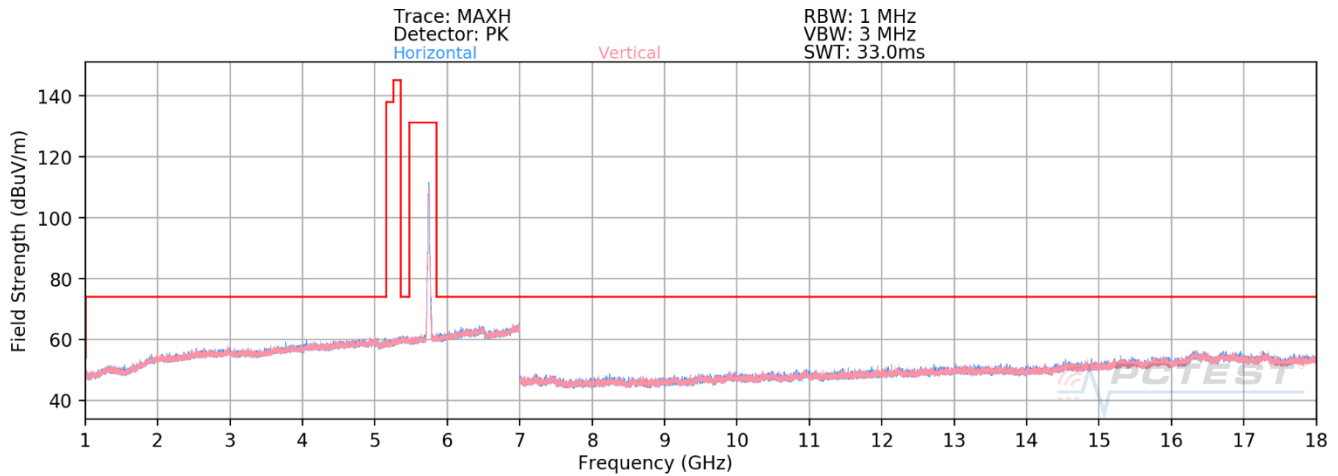
Plot 7-633. RSE above 1GHz Antenna 3a (11ax – Ch.144 – RU242)

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	V	-	-	-82.45	15.01	39.56	53.98	-14.42
* 11440.00	Peak	V	-	-	-71.02	15.01	50.99	73.98	-22.99
17160.00	Peak	V	-	-	-71.73	21.38	56.65	68.20	-11.55

Table 7-203. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 268 of 397



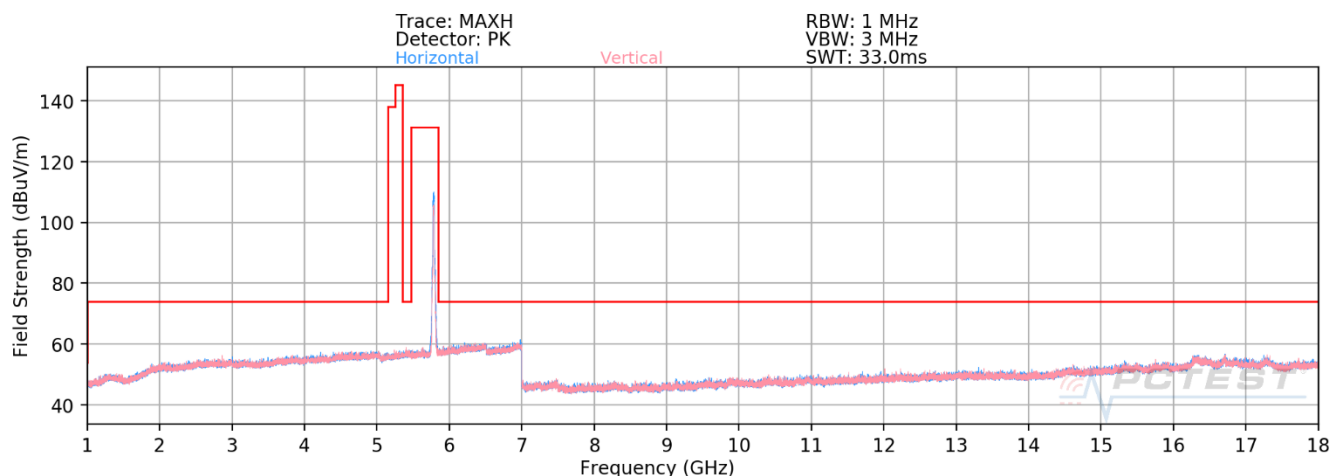
Plot 7-634. RSE above 1GHz Antenna 3a (11ax – Ch.149 – RU242)

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	11490.00	Average	V	-	-	-82.58	15.10	39.52	53.98	-14.46
*	11490.00	Peak	V	-	-	-70.68	15.10	51.42	73.98	-22.56
	17235.00	Peak	V	-	-	-71.80	21.19	56.39	68.20	-11.81

Table 7-204. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 269 of 397




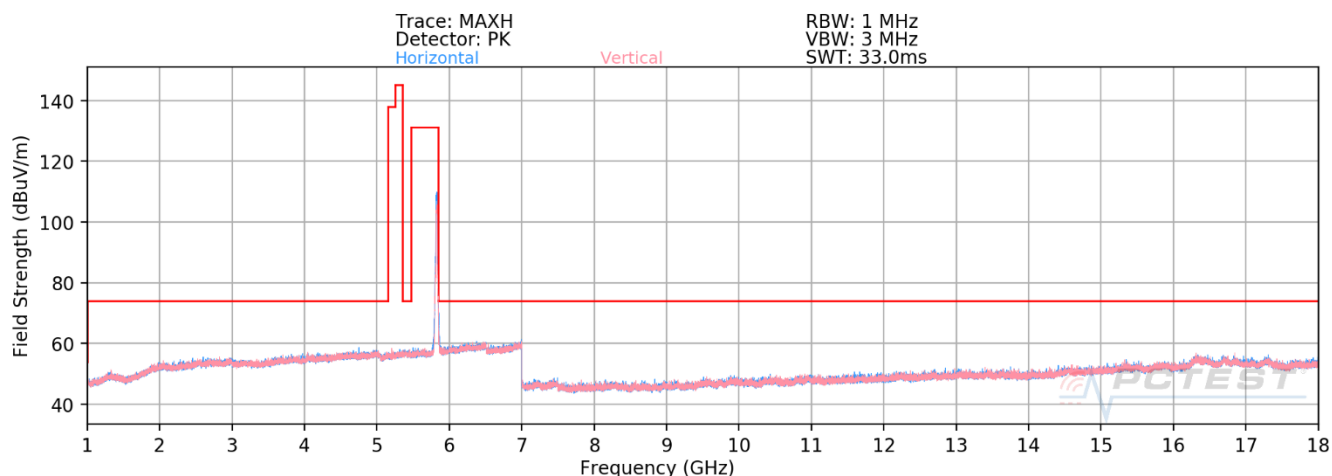
Plot 7-635. RSE above 1GHz Antenna 3a (11ax – Ch.157 – RU242)

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	V	-	-	-83.69	15.28	38.59	53.98	-15.39
* 11570.00	Peak	V	-	-	-70.95	15.28	51.33	73.98	-22.65
17355.00	Peak	V	-	-	-72.16	21.26	56.10	68.20	-12.10

Table 7-205. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 270 of 397



Plot 7-636. RSE above 1GHz Antenna 3a (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

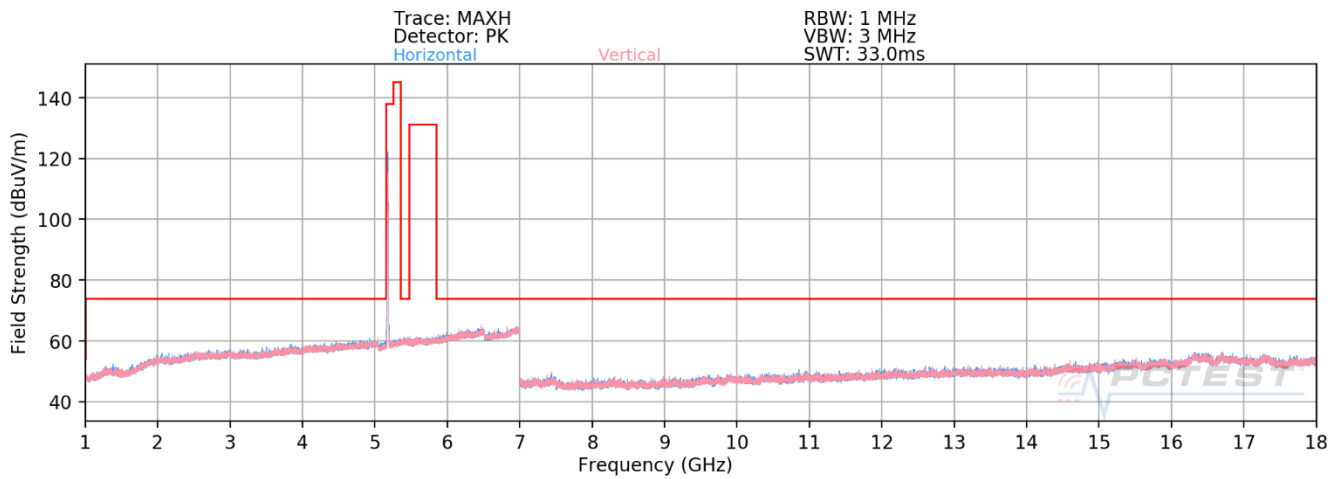
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11650.00	Average	V	-	-	-83.73	15.34	38.61	53.98	-15.37
* 11650.00	Peak	V	-	-	-70.69	15.34	51.65	73.98	-22.33
17475.00	Peak	V	-	-	-72.05	20.98	55.93	68.20	-12.27

Table 7-206. Radiated Measurements Antenna 3a (RU242)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 271 of 397

7.6.4 CDD Primary Radiated Spurious Emissions

RU26



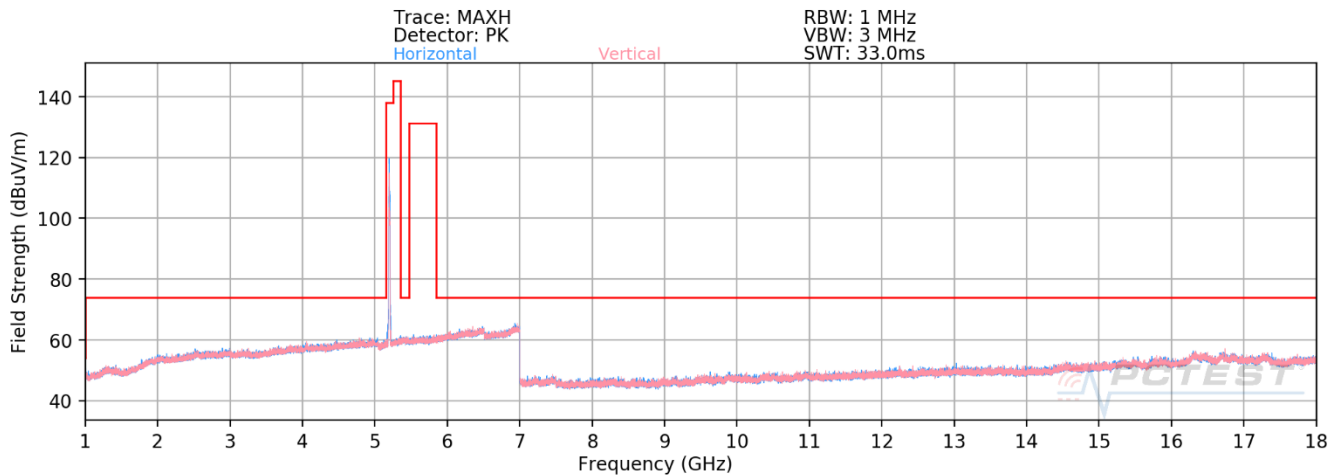
Plot 7-637. RSE above 1GHz CDD Primary (11ax – Ch.36 – RU26)

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

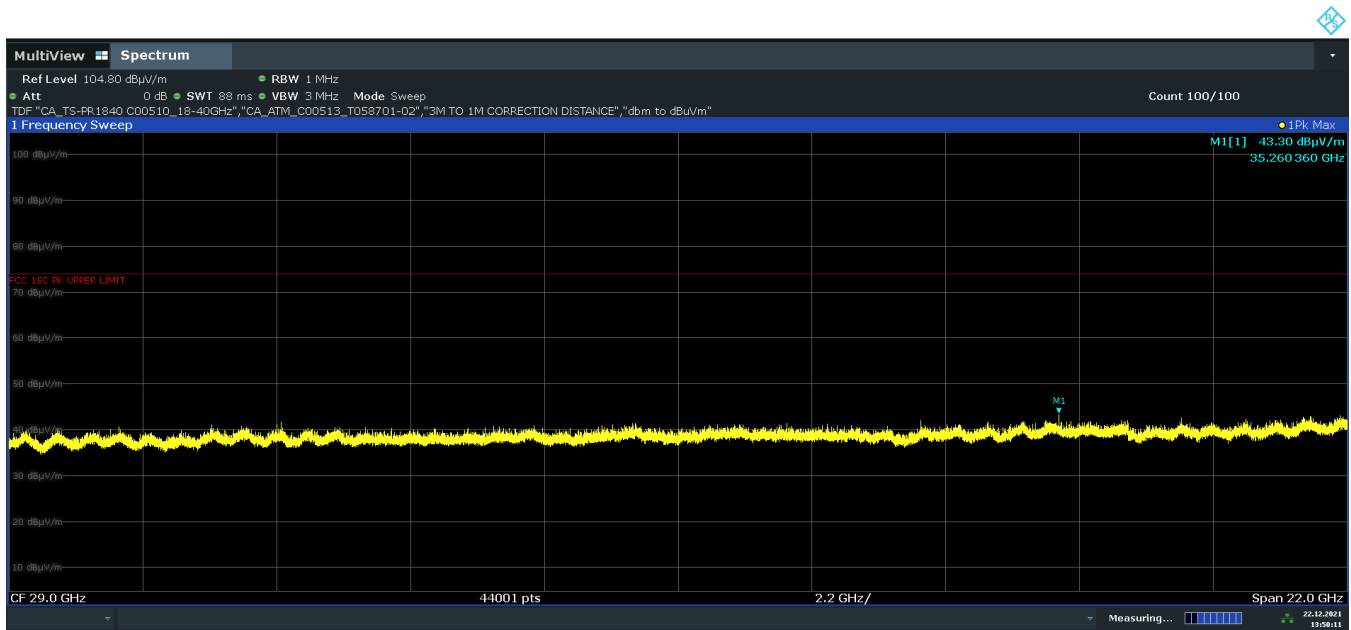
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
10360.00	Peak	H	-	-	-70.73	13.87	50.14	68.20	-18.06
* 15540.00	Average	H	-	-	-83.38	19.14	42.76	53.98	-11.22
* 15540.00	Peak	H	-	-	-72.03	19.14	54.11	73.98	-19.87

Table 7-207. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 272 of 397

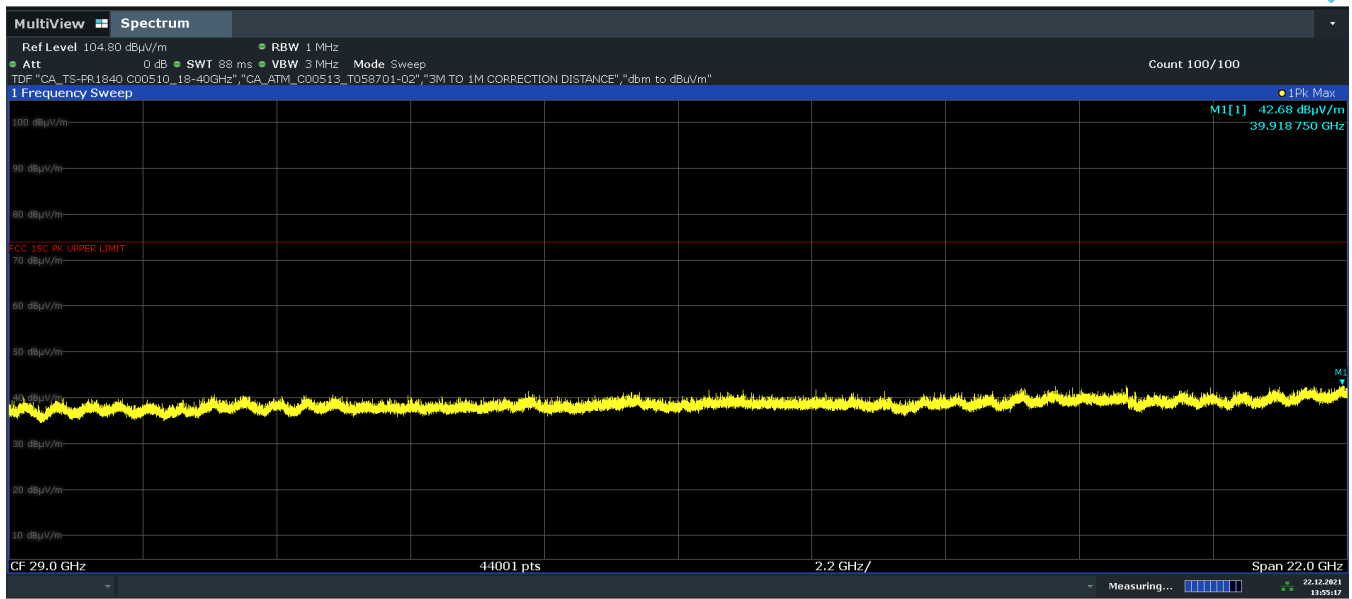


Plot 7-638. RSE above 1GHz CDD Primary (11ax – Ch.40 – RU26)



Plot 7-639. RSE 18GHz – 40 GHz CDD Primary (11ax Ch.40 — RU26, Pol. H)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 273 of 397




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Plot 7-640. RSE 18 GHz - 40GHz CDD Primary (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	H	-	-	-70.68	14.29	50.61	68.20	-17.59
* 15600.00	Average	H	-	-	-83.58	19.18	42.60	53.98	-11.38
* 15600.00	Peak	H	-	-	-72.38	19.18	53.80	73.98	-20.18

Table 7-208. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA2589 IC: 579C-A2589		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 274 of 397

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