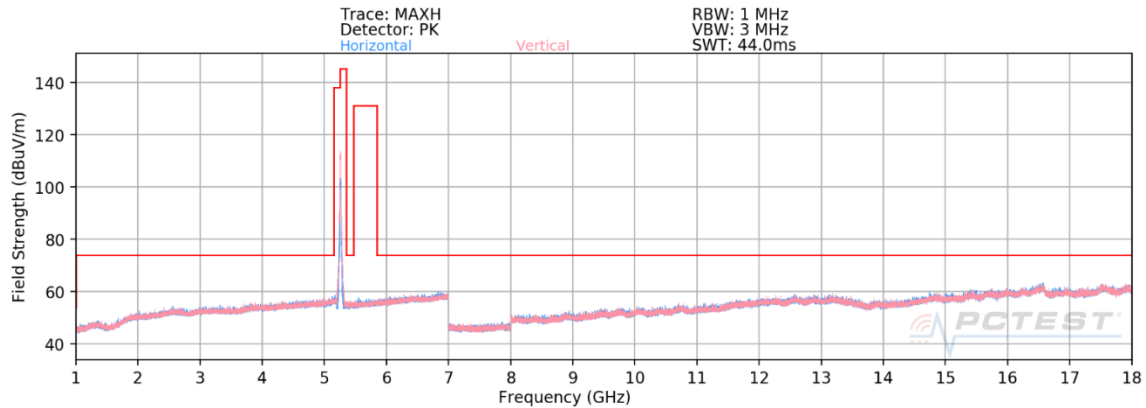
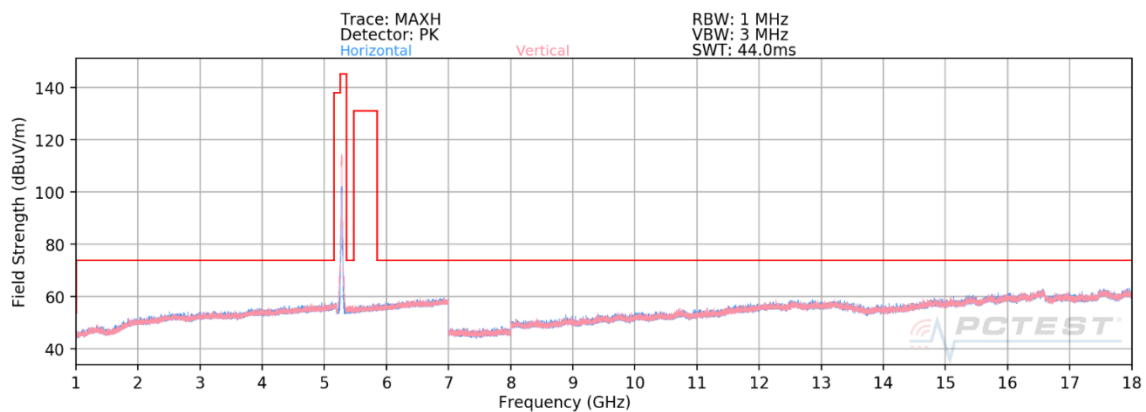
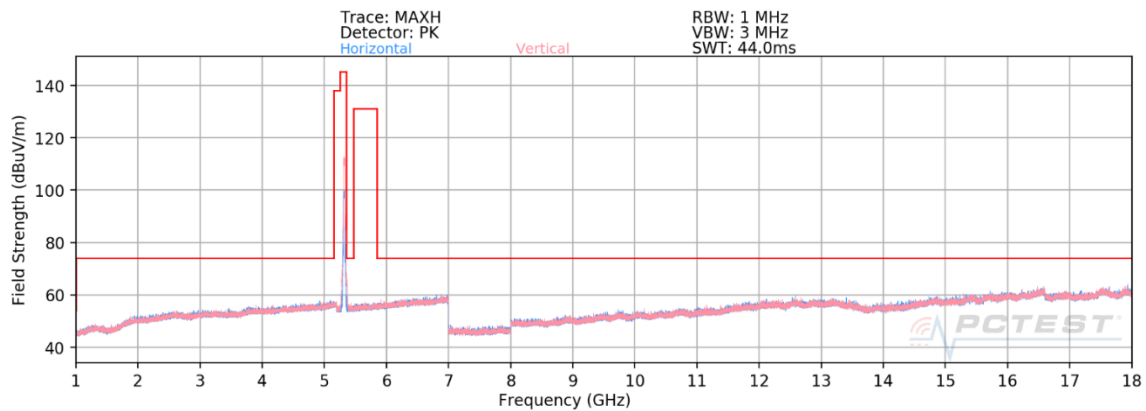




Plot 7-736. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2A, Ch. 52 – RU242)

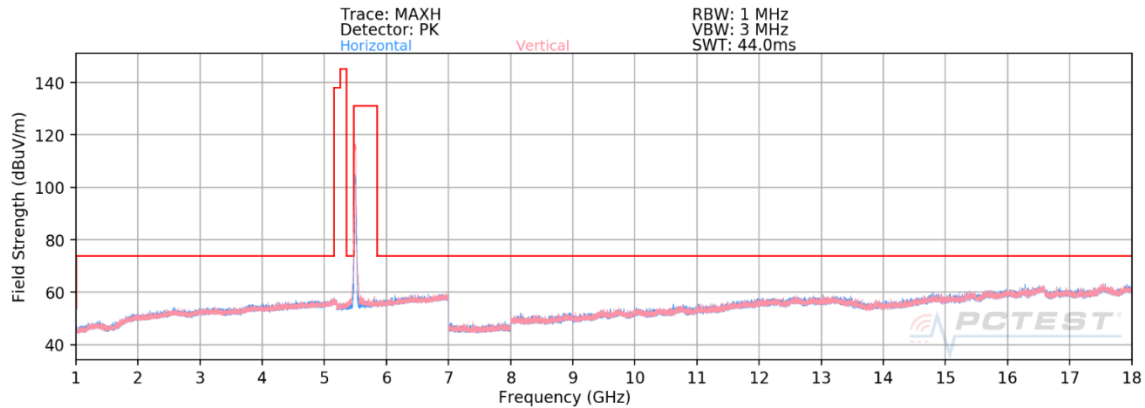


Plot 7-737. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2A, Ch. 56 – RU242)

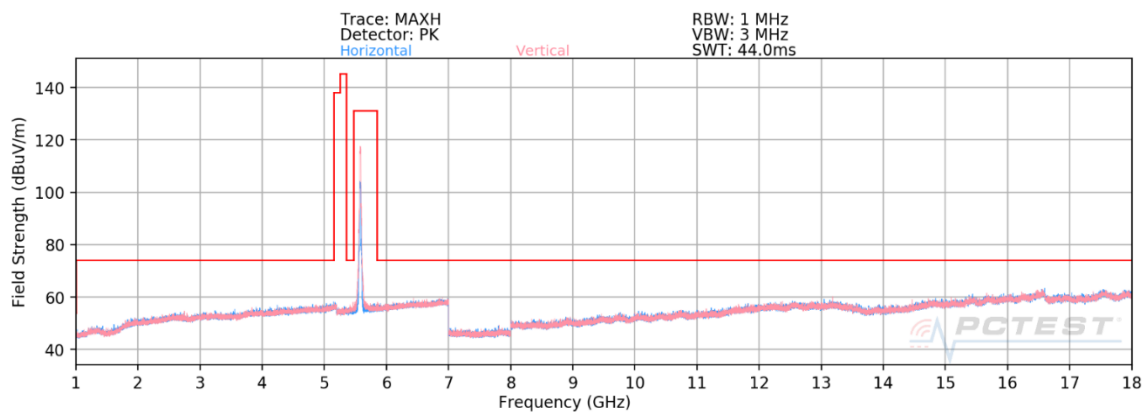


Plot 7-738. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2A, Ch. 64 – RU242)

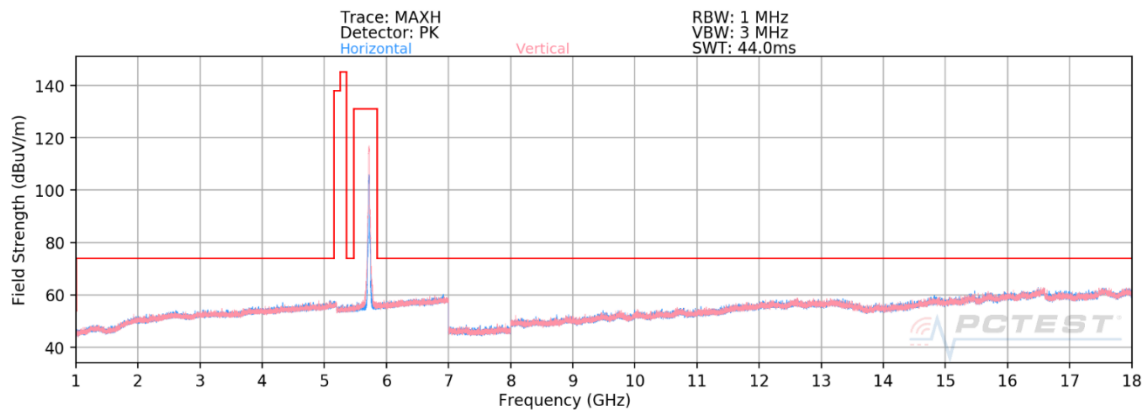
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 446 of 591



Plot 7-739. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2C, Ch. 100 – RU242)

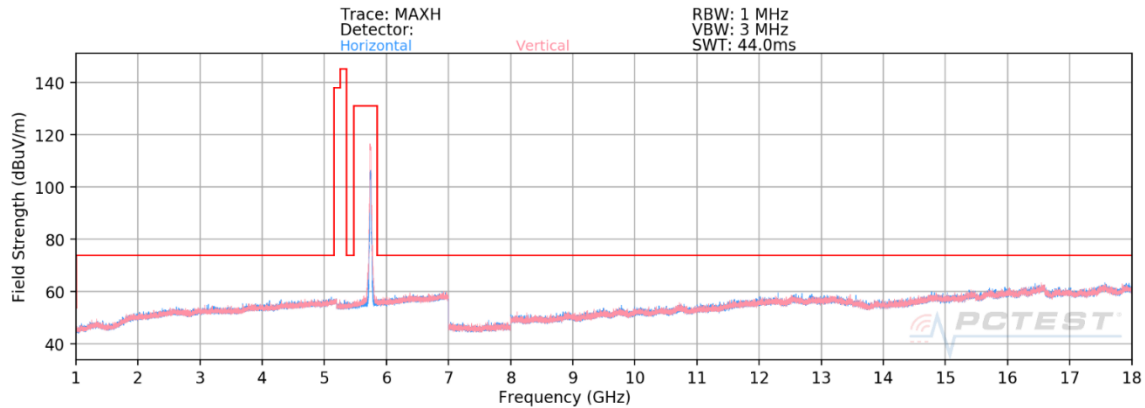


Plot 7-740. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2C, Ch. 116 – RU242)

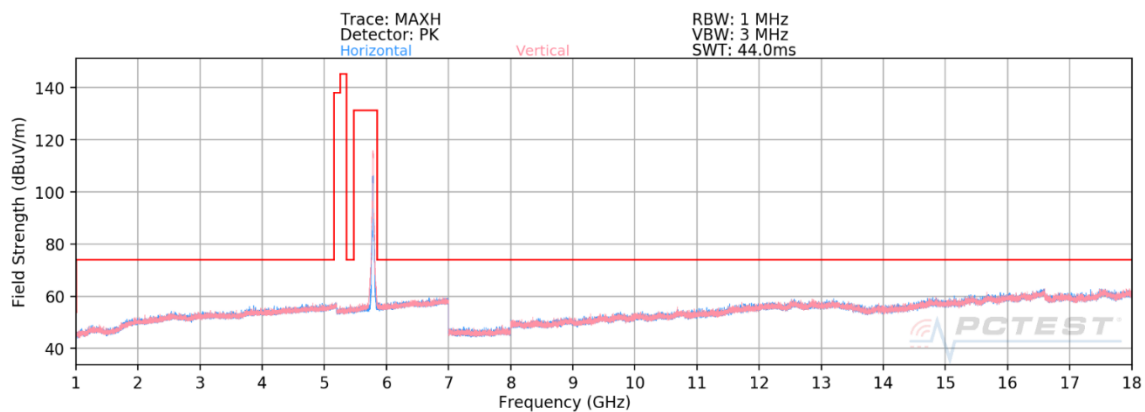


Plot 7-741. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2C, Ch. 144 – RU242)

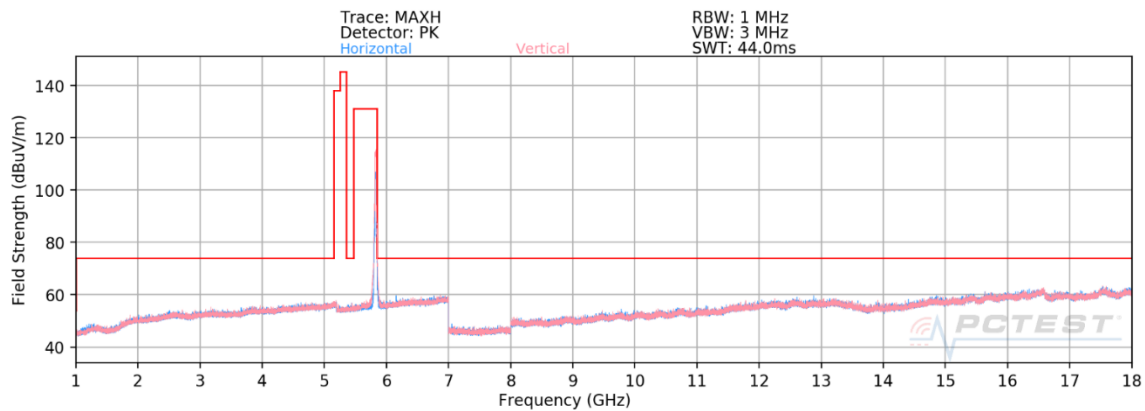
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 447 of 591



Plot 7-742. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 3, Ch. 149 – RU242)



Plot 7-743. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 3, Ch. 157 – RU242)



Plot 7-744. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 3, Ch. 165 – RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 448 of 591

Antenna WF8 Radiated Spurious Emission (RU242)

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

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	V	-	-	-68.92	12.93	51.01	68.20	-17.19
* 15540.00	Average	V	-	-	-80.64	18.13	44.49	53.98	-9.49
* 15540.00	Peak	V	-	-	-68.79	18.13	56.34	73.98	-17.64

Table 7-95. Radiated Measurements ANT WF8 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	V	-	-	-68.84	13.38	51.54	68.20	-16.66
* 15600.00	Average	V	-	-	-80.42	18.68	45.26	53.98	-8.72
* 15600.00	Peak	V	-	-	-69.11	18.68	56.57	73.98	-17.41

Table 7-96. Radiated Measurements ANT WF8 (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 449 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	-	-	-68.77	12.82	51.05	68.20	-17.15
* 15720.00	Average	V	-	-	-81.06	20.18	46.12	53.98	-7.86
* 15720.00	Peak	V	-	-	-69.45	20.18	57.73	73.98	-16.25

Table 7-97. Radiated Measurements ANT WF8 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	V	-	-	-68.37	12.51	51.14	68.20	-17.06
* 15780.00	Average	V	-	-	-81.35	19.70	45.35	53.98	-8.63
* 15780.00	Peak	V	-	-	-69.20	19.70	57.50	73.98	-16.48

Table 7-98. Radiated Measurements ANT WF8 (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 450 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	V	-	-	-68.54	12.65	51.11	68.20	-17.09
* 15840.00	Average	V	-	-	-80.86	18.66	44.80	53.98	-9.18
* 15840.00	Peak	V	-	-	-69.57	18.66	56.09	73.98	-17.89

Table 7-99. Radiated Measurements ANT WF8 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	V	-	-	-74.99	13.25	45.26	53.98	-8.72
* 10640.00	Peak	V	-	-	-68.07	13.25	52.18	73.98	-21.80
* 15960.00	Average	V	-	-	-79.60	19.27	46.67	53.98	-7.31
* 15960.00	Peak	V	-	-	-69.49	19.27	56.78	73.98	-17.20

Table 7-100. Radiated Measurements ANT WF8 (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 451 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	V	-	-	-76.59	13.74	44.15	53.98	-9.83
* 11000.00	Peak	V	-	-	-65.98	13.74	54.76	73.98	-19.22
16500.00	Peak	V	-	-	-65.85	19.93	61.08	68.20	-7.12

Table 7-101. Radiated Measurements ANT WF8 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5580MHz
Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11160.00	Average	V	-	-	-76.44	13.31	43.87	53.98	-10.11
* 11160.00	Peak	V	-	-	-65.75	13.31	54.56	73.98	-19.42
16740.00	Peak	V	-	-	-66.21	19.93	60.72	68.20	-7.48

Table 7-102. Radiated Measurements ANT WF8 (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 452 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	V	-	-	-76.26	14.26	45.00	53.98	-8.98
* 11440.00	Peak	V	-	-	-66.72	14.26	54.54	73.98	-19.44
17160.00	Peak	V	-	-	-66.33	20.40	61.07	68.20	-7.13

Table 7-103. Radiated Measurements ANT WF8 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	-	-	-76.33	13.93	44.60	53.98	-9.38
* 11490.00	Peak	V	-	-	-65.96	13.93	54.97	73.98	-19.01
17235.00	Peak	V	-	-	-66.41	20.15	60.74	68.20	-7.46

Table 7-104. Radiated Measurements ANT WF8 (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 453 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5785MHz
Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	V	-	-	-76.51	14.23	44.72	53.98	-9.26
* 11570.00	Peak	V	-	-	-65.68	14.23	55.55	73.98	-18.43
17355.00	Peak	V	-	-	-67.07	20.50	60.43	68.20	-7.77

Table 7-105. Radiated Measurements ANT WF8 (RU242)

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

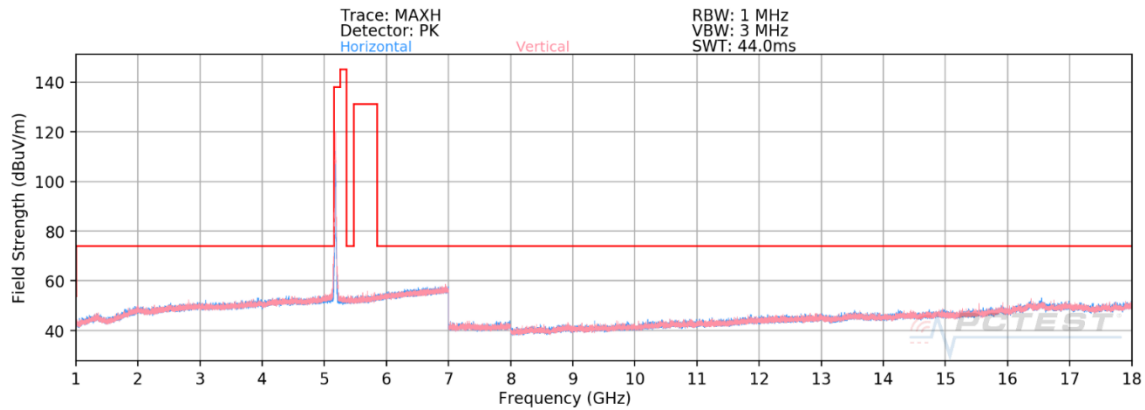
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	V	-	-	-76.60	14.17	44.57	53.98	-9.41
* 11650.00	Peak	V	-	-	-67.02	14.17	54.15	73.98	-19.83
17475.00	Peak	V	-	-	-66.19	21.19	62.00	68.20	-6.20

Table 7-106. Radiated Measurements ANT WF8 (RU242)

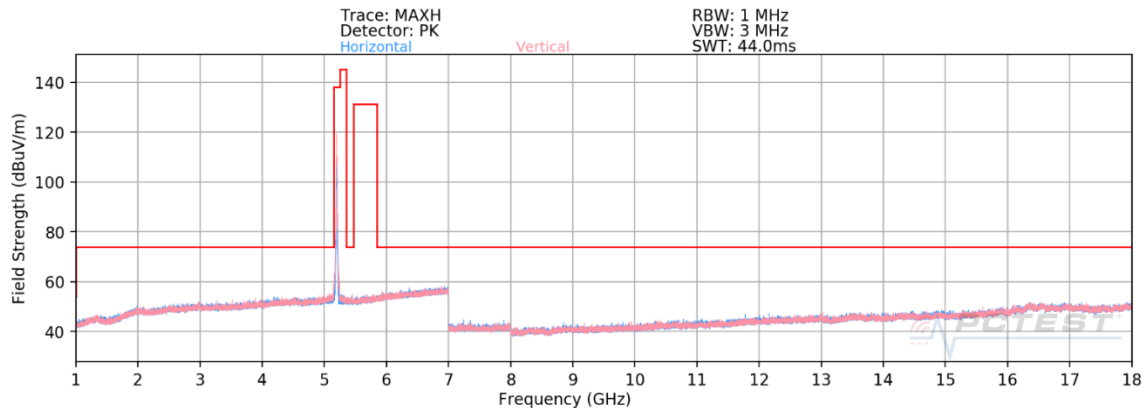
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 454 of 591

7.6.2 Antenna WF7a Radiated Spurious Emission

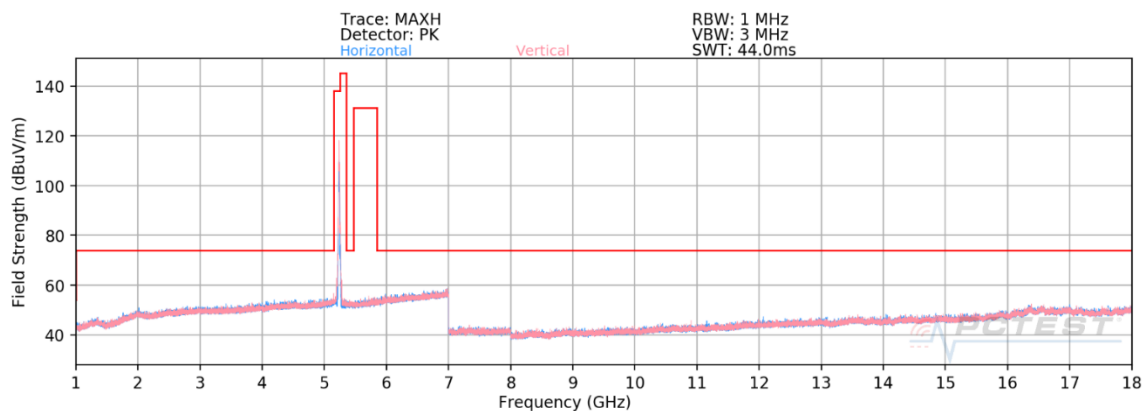
RU26



Plot 7-745. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 1, Ch. 36 – RU26)

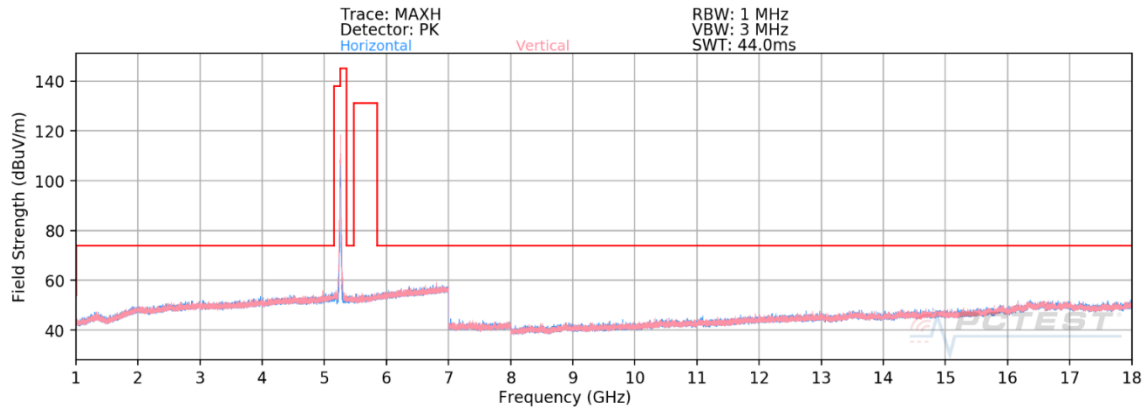


Plot 7-746. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 1, Ch. 40 – RU26)

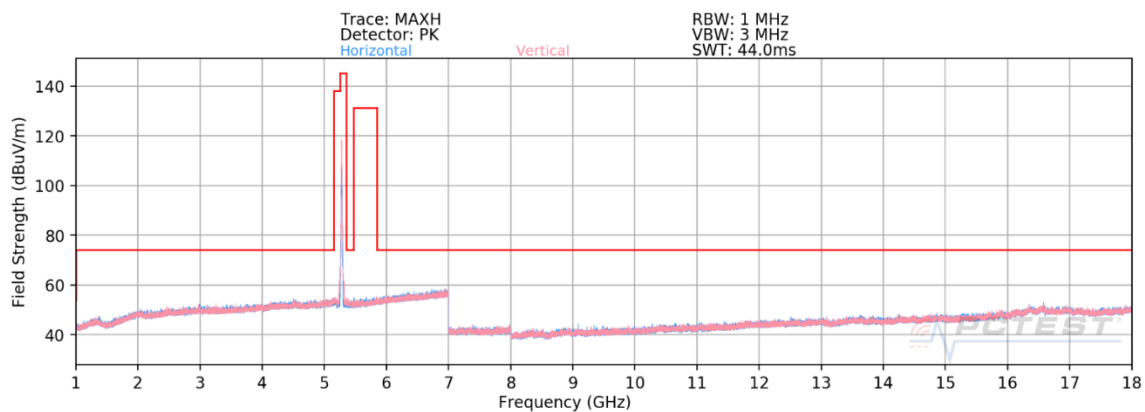


Plot 7-747. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 1, Ch. 48 – RU26)

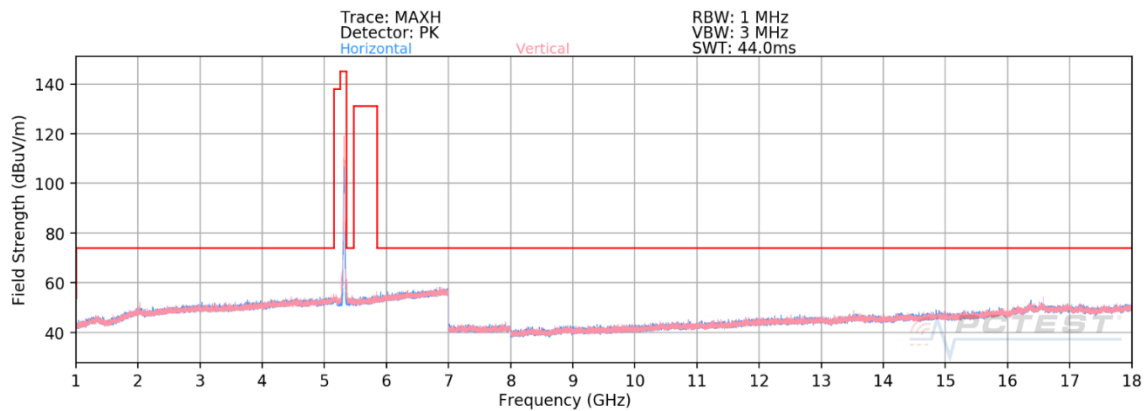
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 455 of 591



Plot 7-748. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2A, Ch. 52 – RU26)

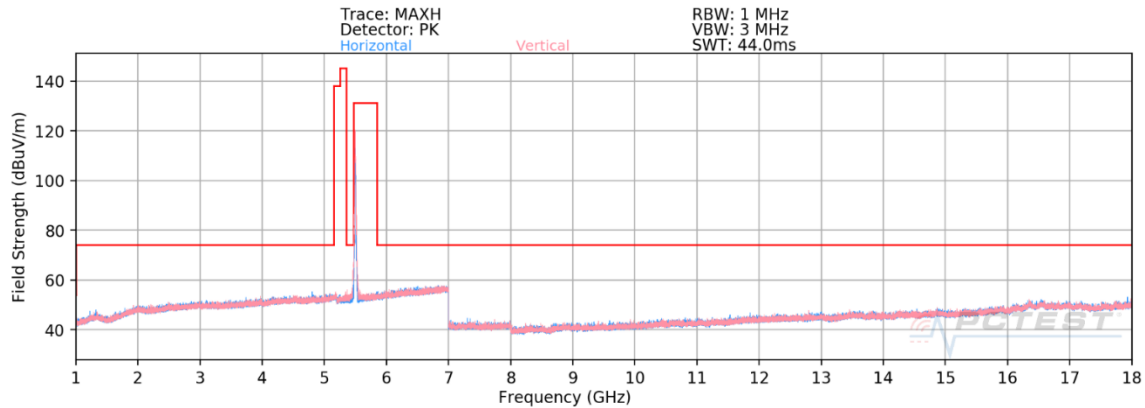


Plot 7-749. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2A, Ch. 56 – RU26)

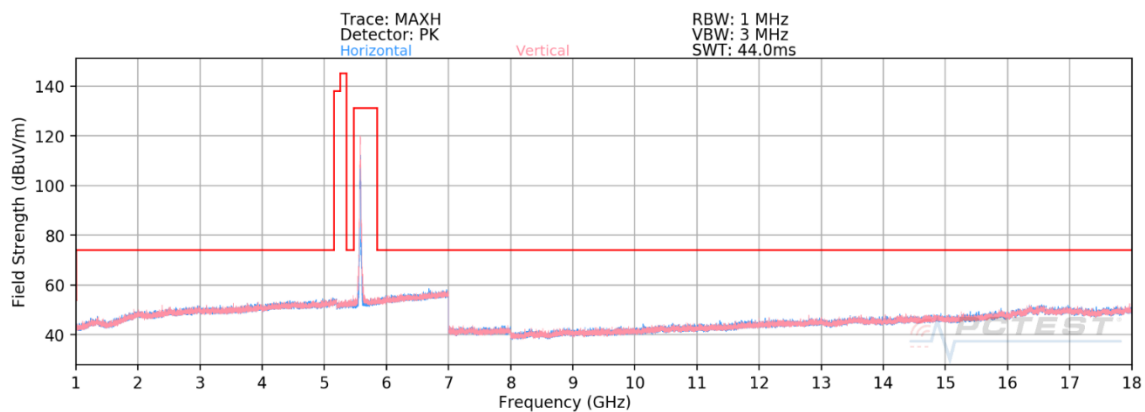


Plot 7-750. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2A, Ch. 64 – RU26)

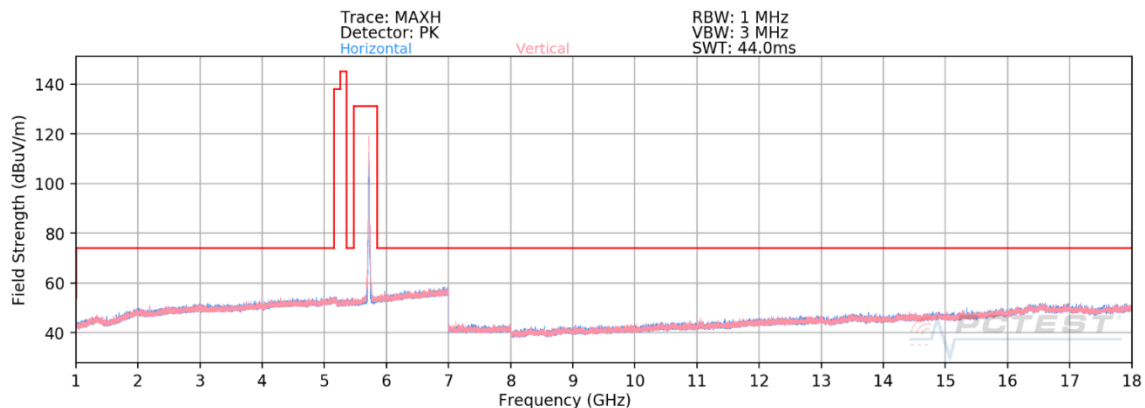
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 456 of 591



Plot 7-751. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2C, Ch. 100 – RU26)

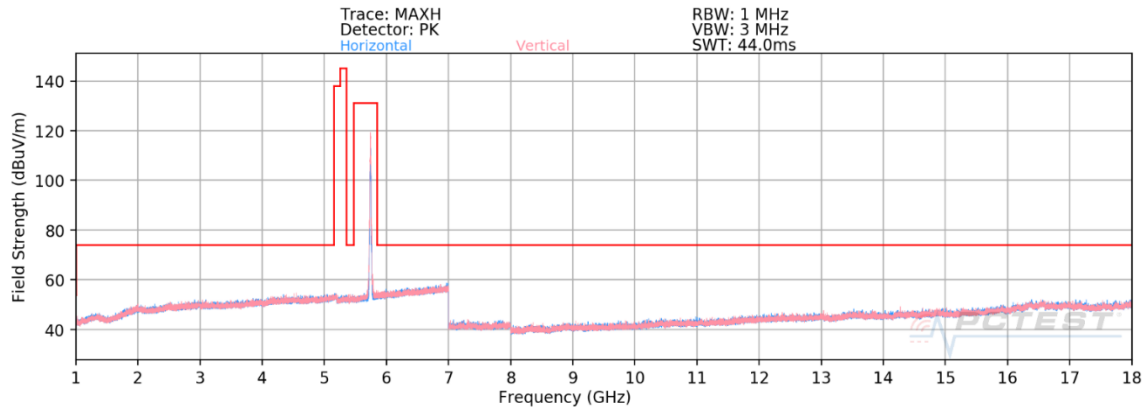


Plot 7-752. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2C, Ch. 116 – RU26)

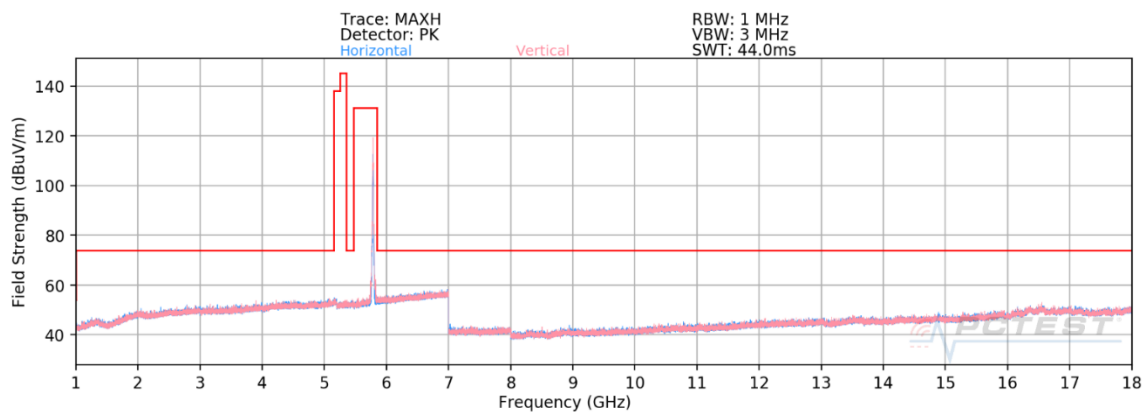


Plot 7-753. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2C, Ch. 144 – RU26)

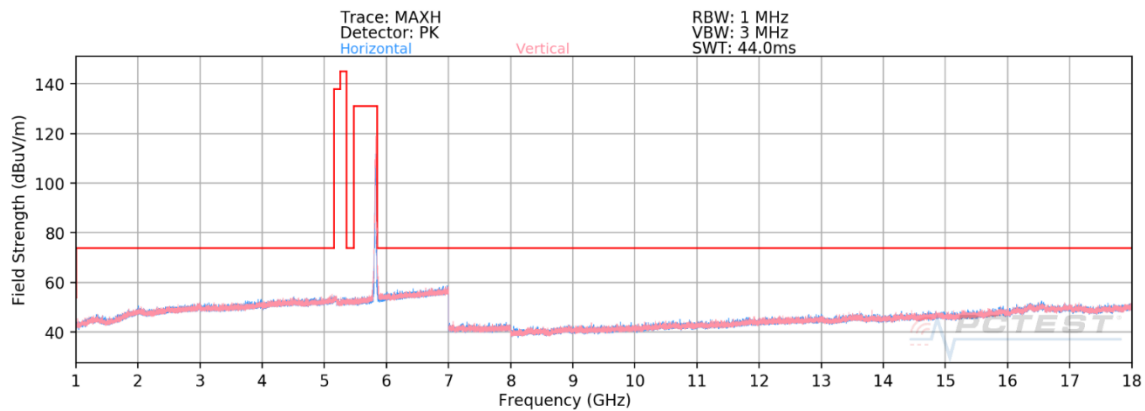
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 457 of 591



Plot 7-754. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 3, Ch. 149 – RU26)



Plot 7-755. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 3, Ch. 157 – RU26)



Plot 7-756. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 3, Ch. 165 – RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 458 of 591

Antenna WF7a Radiated Spurious Emission

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

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	V	-	-	-73.96	14.91	47.95	68.20	-20.25
* 15540.00	Average	V	-	-	-85.34	19.61	41.27	53.98	-12.71
* 15540.00	Peak	V	-	-	-73.67	19.61	52.94	73.98	-21.04

Table 7-107. Radiated Measurements ANT WF7a (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	-	-	-73.64	15.34	48.70	68.20	-19.50
* 15600.00	Average	V	-	-	-85.69	19.90	41.21	53.98	-12.77
* 15600.00	Peak	V	-	-	-74.22	19.90	52.68	73.98	-21.30

Table 7-108. Radiated Measurements ANT WF7a (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 459 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	-	-	-73.10	14.36	48.26	68.20	-19.94
* 15720.00	Average	V	-	-	-85.61	19.47	40.86	53.98	-13.12
* 15720.00	Peak	V	-	-	-74.65	19.47	51.82	73.98	-22.16

Table 7-109. Radiated Measurements ANT WF7a (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	V	-	-	-73.47	14.31	47.84	68.20	-20.36
* 15780.00	Average	V	-	-	-86.24	19.76	40.52	53.98	-13.46
* 15780.00	Peak	V	-	-	-74.87	19.76	51.89	73.98	-22.09

Table 7-110. Radiated Measurements ANT WF7a (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 460 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	V	-	-	-73.36	14.87	48.51	68.20	-19.69
* 15840.00	Average	V	-	-	-85.58	19.96	41.38	53.98	-12.60
* 15840.00	Peak	V	-	-	-74.41	19.96	52.55	73.98	-21.43

Table 7-111. Radiated Measurements ANT WF7a (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	V	-	-	-85.30	15.16	36.86	53.98	-17.12
* 10640.00	Peak	V	-	-	-73.97	15.16	48.19	73.98	-25.79
* 15960.00	Average	V	-	-	-85.86	19.98	41.12	53.98	-12.86
* 15960.00	Peak	V	-	-	-74.29	19.98	52.69	73.98	-21.29

Table 7-112. Radiated Measurements ANT WF7a (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 461 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	11000.00	Average	V	-	-	-85.70	15.07	36.37	53.98	-17.61
*	11000.00	Peak	V	-	-	-73.93	15.07	48.14	73.98	-25.84
	16500.00	Peak	V	-	-	-73.84	20.95	54.11	68.20	-14.09

Table 7-113. Radiated Measurements ANT WF7a (RU26)

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

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	11160.00	Average	V	-	-	-84.80	14.79	36.99	53.98	-16.99
*	11160.00	Peak	V	-	-	-72.08	14.79	49.71	73.98	-24.27
	16740.00	Peak	V	-	-	-73.81	21.34	54.53	68.20	-13.67

Table 7-114. Radiated Measurements ANT WF7a (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 462 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	V	-	-	-85.86	15.44	36.58	53.98	-17.40
* 11440.00	Peak	V	-	-	-74.20	15.44	48.24	73.98	-25.74
17160.00	Peak	V	-	-	-73.98	21.32	54.34	68.20	-13.86

Table 7-115. Radiated Measurements ANT WF7a (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	V	-	-	-85.71	15.40	36.69	53.98	-17.29
* 11490.00	Peak	V	-	-	-73.58	15.40	48.82	73.98	-25.16
17235.00	Peak	V	-	-	-74.32	20.62	53.30	68.20	-14.90

Table 7-116. Radiated Measurements ANT WF7a (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 463 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	V	-	-	-84.93	15.69	37.76	53.98	-16.22
* 11570.00	Peak	V	-	-	-73.33	15.69	49.36	73.98	-24.62
17355.00	Peak	V	-	-	-73.19	20.63	54.44	68.20	-13.76

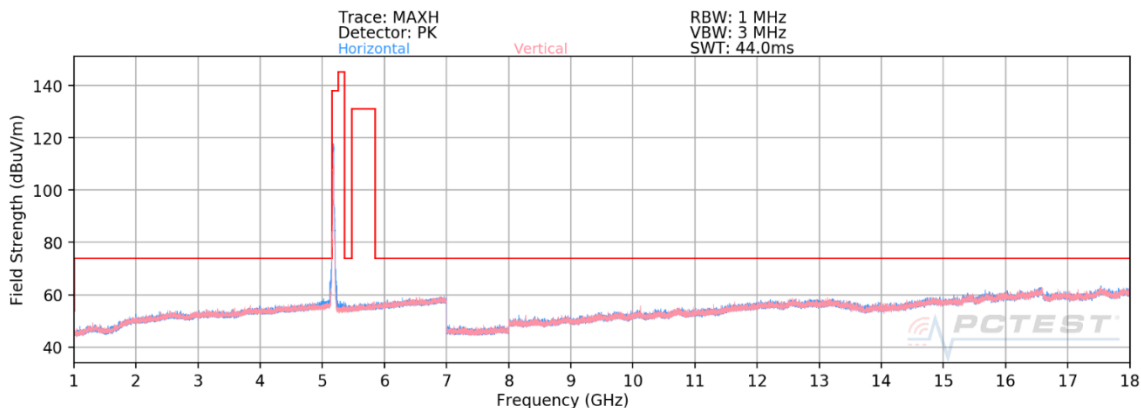
Table 7-117. Radiated Measurements ANT WF7a (RU26)

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

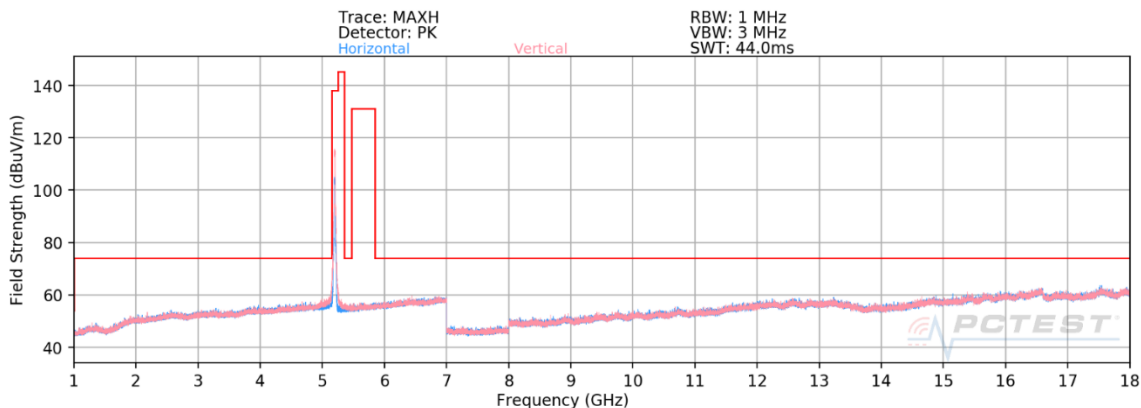
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	V	-	-	-85.27	15.72	37.45	53.98	-16.53
* 11650.00	Peak	V	-	-	-74.07	15.72	48.65	73.98	-25.33
17475.00	Peak	V	-	-	-72.24	20.90	55.66	68.20	-12.54

Table 7-118. Radiated Measurements ANT WF7a (RU26)

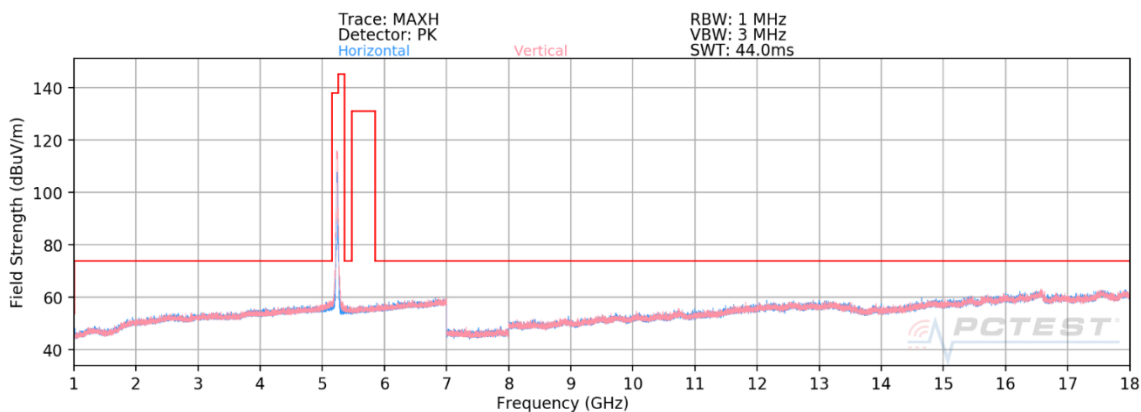
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 464 of 591



Plot 7-757. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 1, Ch. 36 – RU242)

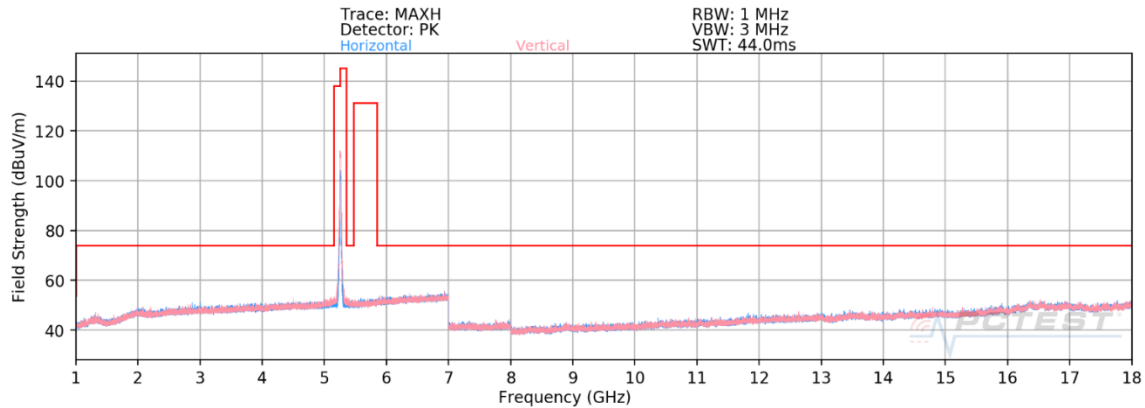


Plot 7-758. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 1, Ch. 40 – RU242)

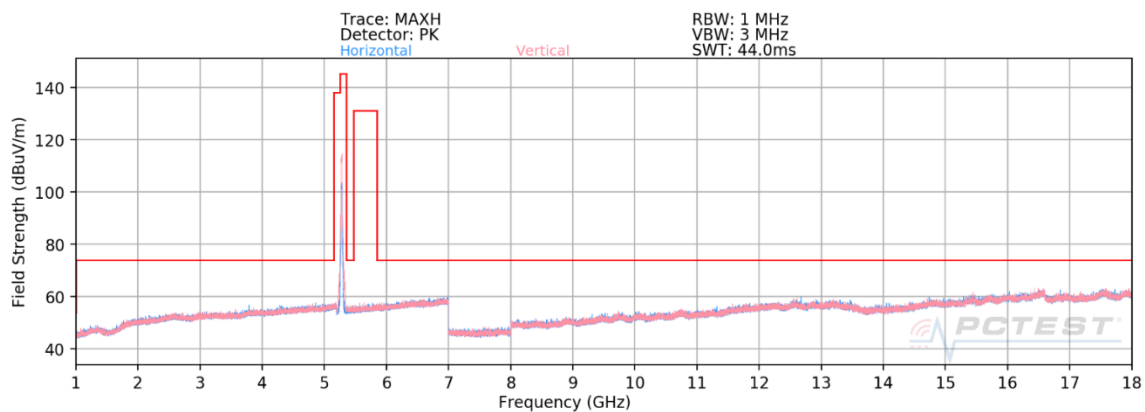


Plot 7-759. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 1, Ch. 48 – RU242)

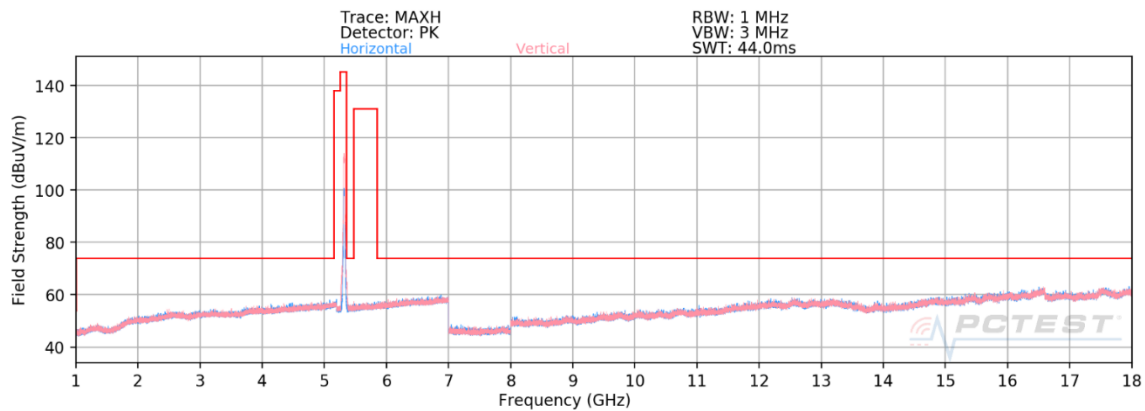
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 465 of 591



Plot 7-760. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2A, Ch. 52 – RU242)

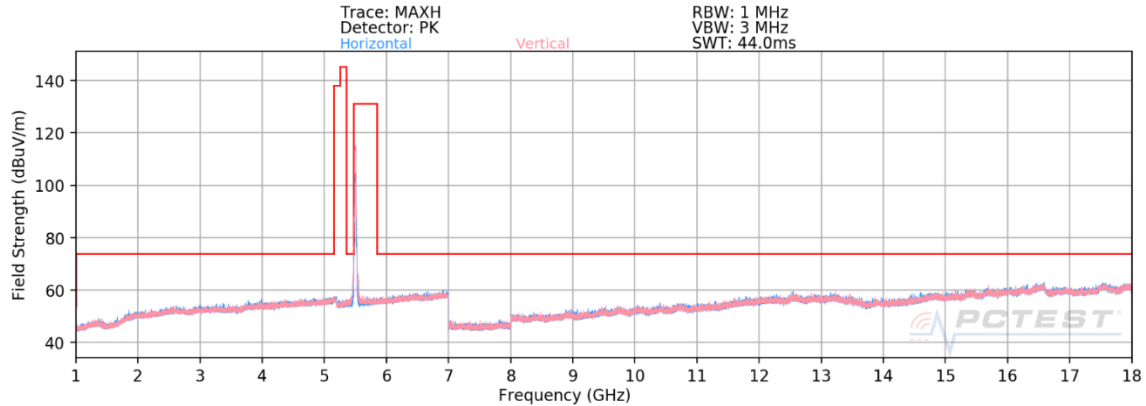


Plot 7-761. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2A, Ch. 56 – RU242)

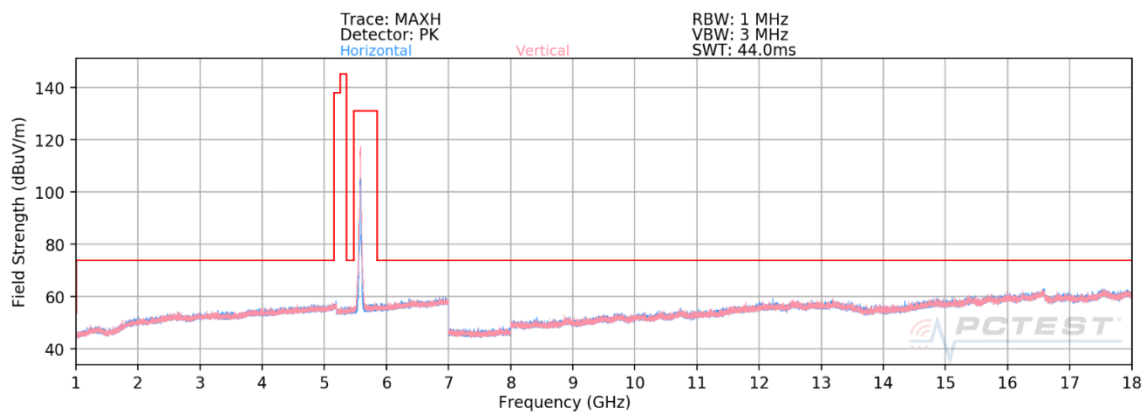


Plot 7-762. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2A, Ch. 64 – RU242)

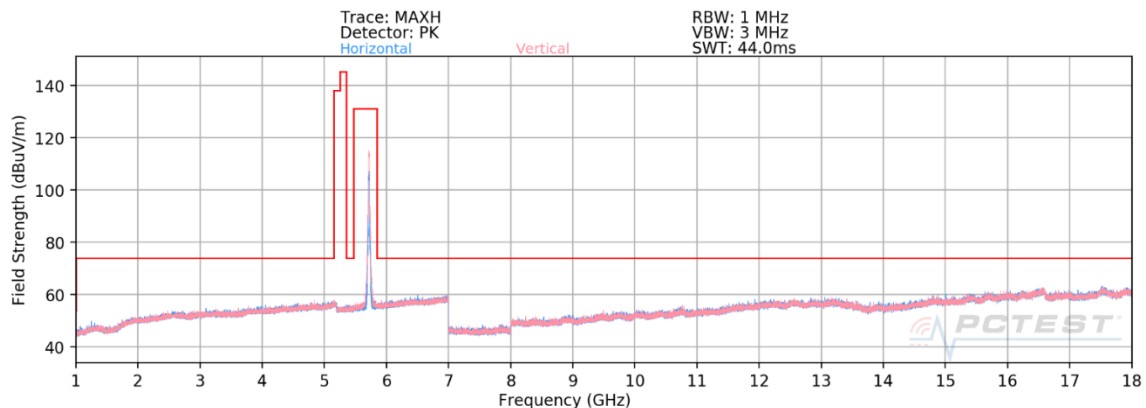
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 466 of 591



Plot 7-763. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2C, Ch. 100 – RU242)

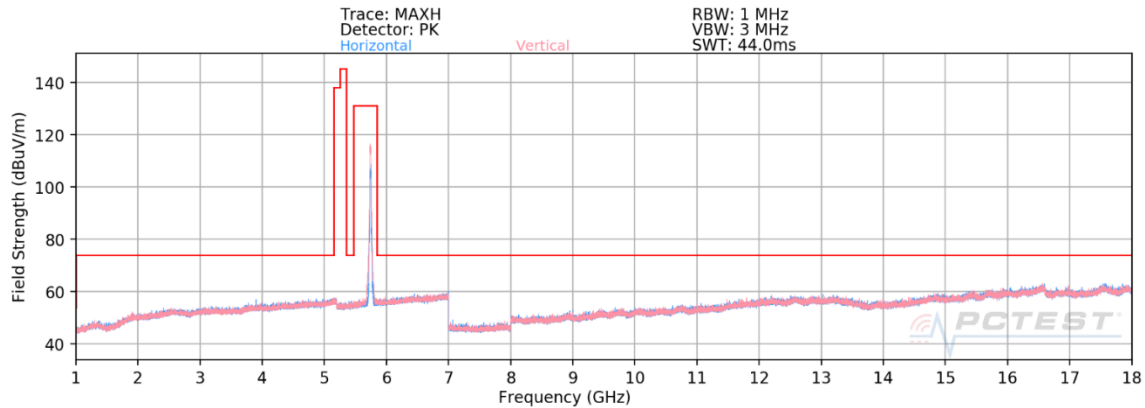


Plot 7-764. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2C, Ch. 116 – RU242)

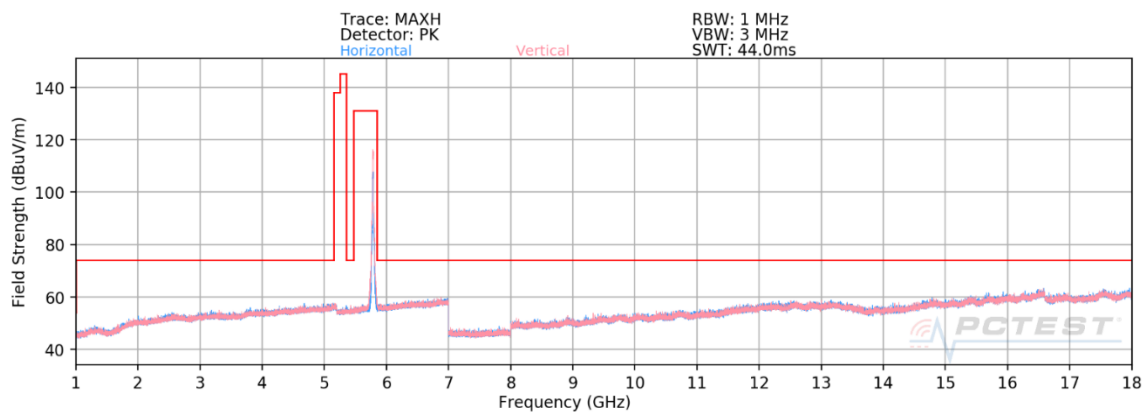


Plot 7-765. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 2C, Ch. 144 – RU242)

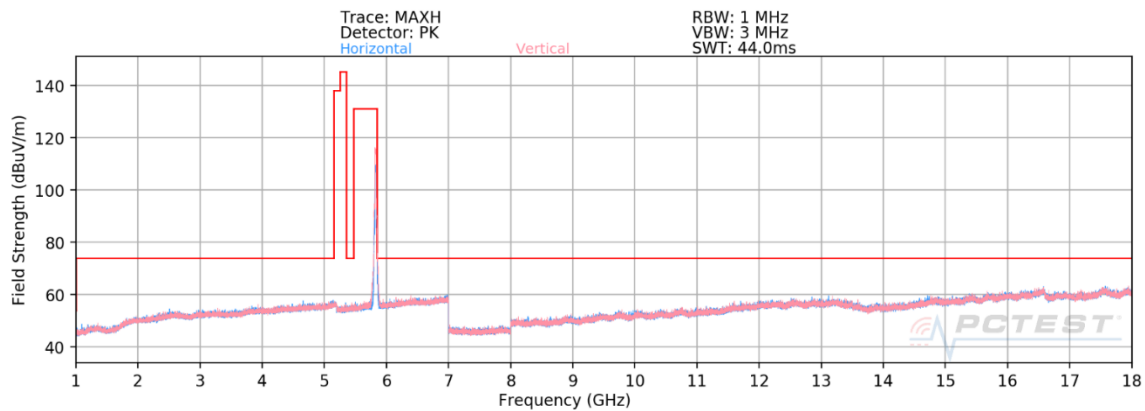
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 467 of 591



Plot 7-766. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 3, Ch. 149 – RU242)



Plot 7-767. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 3, Ch. 157 – RU242)



Plot 7-768. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11ax – UNII Band 3, Ch. 165 – RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 468 of 591

Antenna WF7a Radiated Spurious Emission

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

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	V	-	-	-69.08	12.93	50.85	68.20	-17.35
* 15540.00	Average	V	-	-	-79.94	18.13	45.19	53.98	-8.79
* 15540.00	Peak	V	-	-	-69.87	18.13	55.26	73.98	-18.72

Table 7-119. Radiated Measurements ANT WF7a (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	V	-	-	-69.65	13.38	50.73	68.20	-17.47
* 15600.00	Average	V	-	-	-79.39	18.68	46.29	53.98	-7.69
* 15600.00	Peak	V	-	-	-69.27	18.68	56.41	73.98	-17.57

Table 7-120. Radiated Measurements ANT WF7a (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 469 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	-	-	-68.85	12.82	50.97	68.20	-17.23
* 15720.00	Average	V	-	-	-79.63	20.18	47.55	53.98	-6.43
* 15720.00	Peak	V	-	-	-69.32	20.18	57.86	73.98	-16.12

Table 7-121. Radiated Measurements ANT WF7a (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	V	-	-	-68.91	12.51	50.60	68.20	-17.60
* 15780.00	Average	V	-	-	-80.98	19.70	45.72	53.98	-8.26
* 15780.00	Peak	V	-	-	-69.77	19.70	56.93	73.98	-17.05

Table 7-122. Radiated Measurements ANT WF7a (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 470 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	V	-	-	-67.64	12.65	52.01	68.20	-16.19
* 15840.00	Average	V	-	-	-80.57	18.66	45.09	53.98	-8.89
* 15840.00	Peak	V	-	-	-69.43	18.66	56.23	73.98	-17.75

Table 7-123. Radiated Measurements ANT WF7a (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	V	-	-	-80.49	13.25	39.76	53.98	-14.22
* 10640.00	Peak	V	-	-	-69.19	13.25	51.06	73.98	-22.92
* 15960.00	Average	V	-	-	-80.46	19.27	45.81	53.98	-8.17
* 15960.00	Peak	V	-	-	-69.04	19.27	57.23	73.98	-16.75

Table 7-124. Radiated Measurements ANT WF7a (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 471 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	V	-	-	-80.62	13.74	40.12	53.98	-13.86
* 11000.00	Peak	V	-	-	-69.06	13.74	51.68	73.98	-22.30
16500.00	Peak	V	-	-	-68.54	19.93	58.39	68.20	-9.81

Table 7-125. Radiated Measurements ANT WF7a (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5580MHz
Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11160.00	Average	V	-	-	-80.23	13.31	40.08	53.98	-13.90
* 11160.00	Peak	V	-	-	-68.96	13.31	51.35	73.98	-22.63
16740.00	Peak	V	-	-	-69.37	19.93	57.56	68.20	-10.64

Table 7-126. Radiated Measurements ANT WF7a (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 472 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	V	-	-	-80.41	14.26	40.85	53.98	-13.13
* 11440.00	Peak	V	-	-	-67.87	14.26	53.39	73.98	-20.59
17160.00	Peak	V	-	-	-69.60	20.40	57.80	68.20	-10.40

Table 7-127. Radiated Measurements ANT WF7a (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	-	-	-80.29	13.93	40.64	53.98	-13.34
* 11490.00	Peak	V	-	-	-68.53	13.93	52.40	73.98	-21.58
17235.00	Peak	V	-	-	-69.91	20.15	57.24	68.20	-10.96

Table 7-128. Radiated Measurements ANT WF7a (RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 473 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5785MHz
Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	V	-	-	-80.83	14.23	40.40	53.98	-13.58
* 11570.00	Peak	V	-	-	-69.18	14.23	52.05	73.98	-21.93
17355.00	Peak	V	-	-	-69.82	20.50	57.68	68.20	-10.52

Table 7-129. Radiated Measurements ANT WF7a (RU242)

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

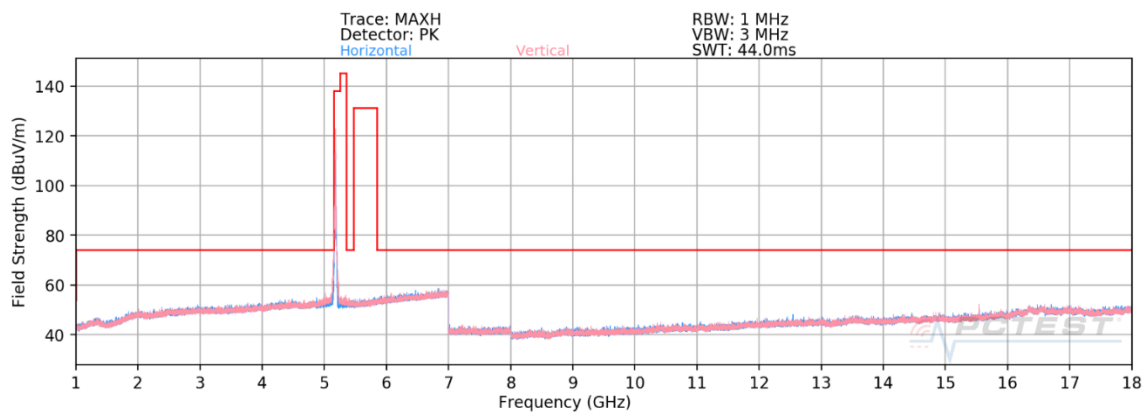
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	V	-	-	-80.24	14.17	40.93	53.98	-13.05
* 11650.00	Peak	V	-	-	-68.98	14.17	52.19	73.98	-21.79
17475.00	Peak	V	-	-	-69.30	21.19	58.89	68.20	-9.31

Table 7-130. Radiated Measurements ANT WF7a (RU242)

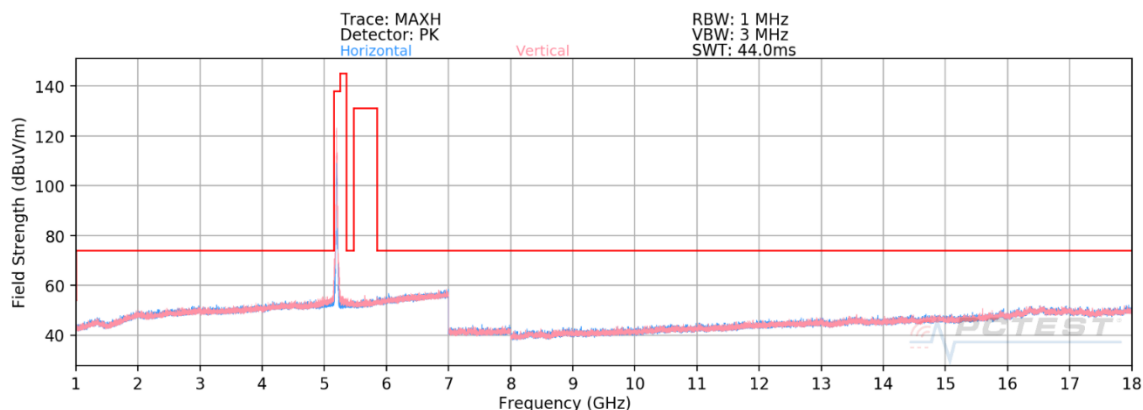
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 474 of 591

7.6.3 CDD Radiated Spurious Emissions

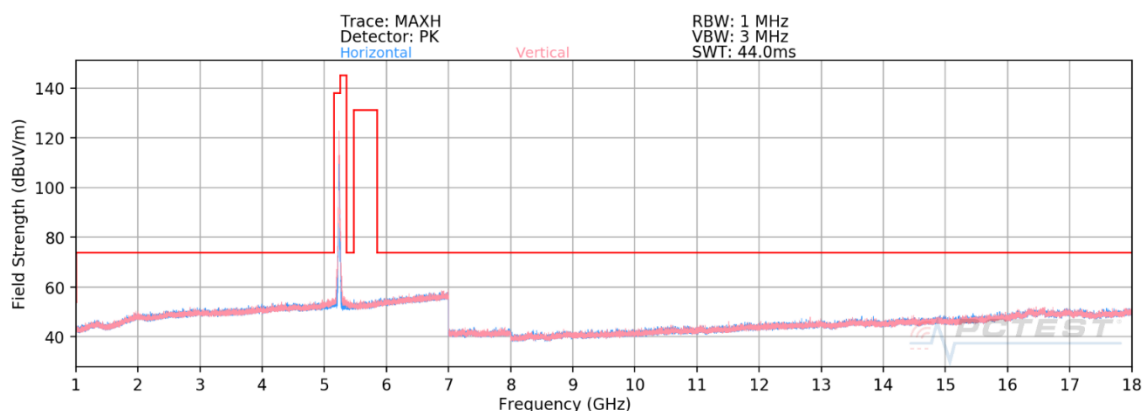
RU26



Plot 7-769. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 1, Ch. 36 – RU26)

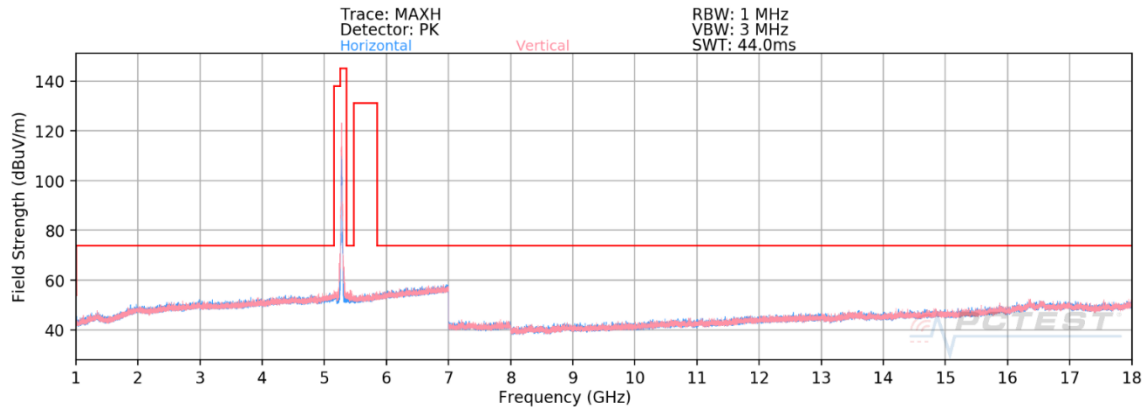


Plot 7-770. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 1, Ch. 40 – RU26)

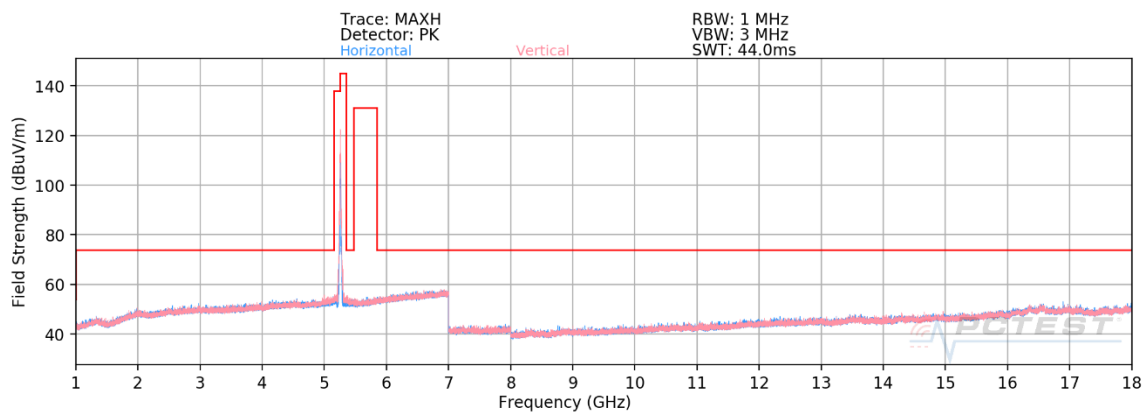


Plot 7-771. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 1, Ch. 48 – RU26)

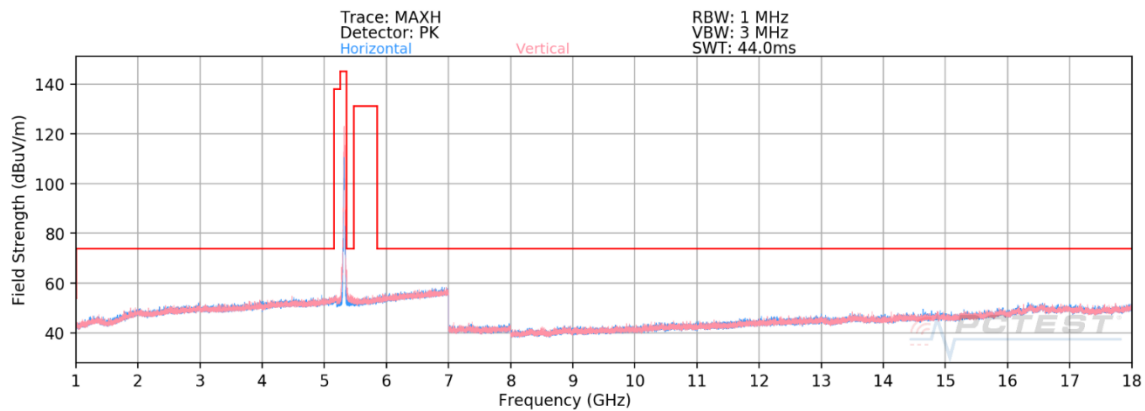
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 475 of 591



Plot 7-772. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2A, Ch. 52 – RU26)

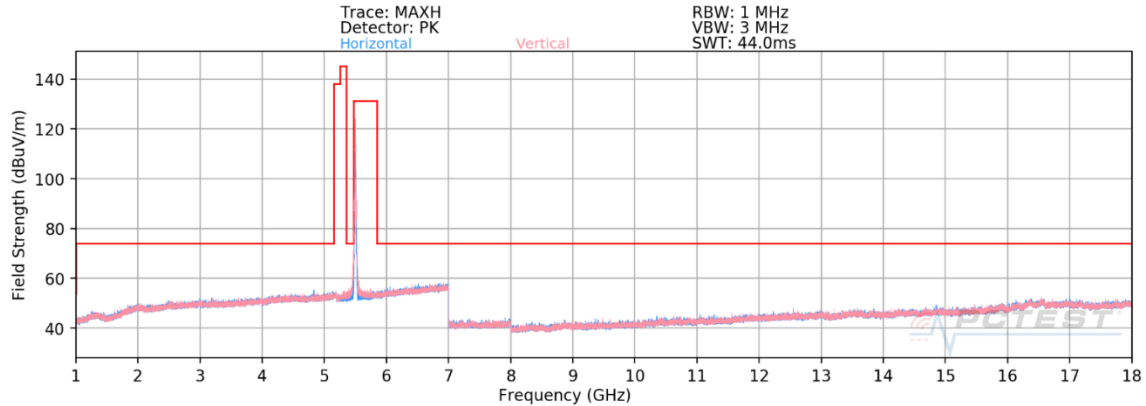


Plot 7-773. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2A, Ch. 56 – RU26)

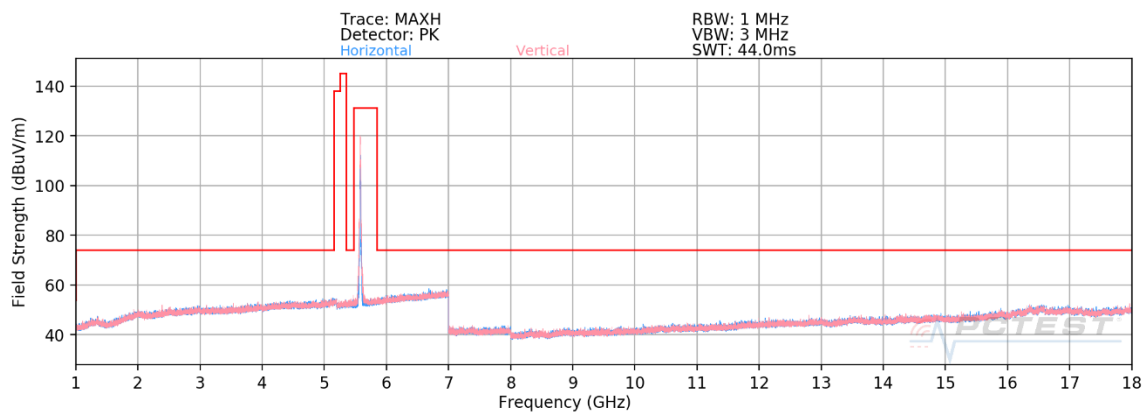


Plot 7-774. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2A, Ch. 64 – RU26)

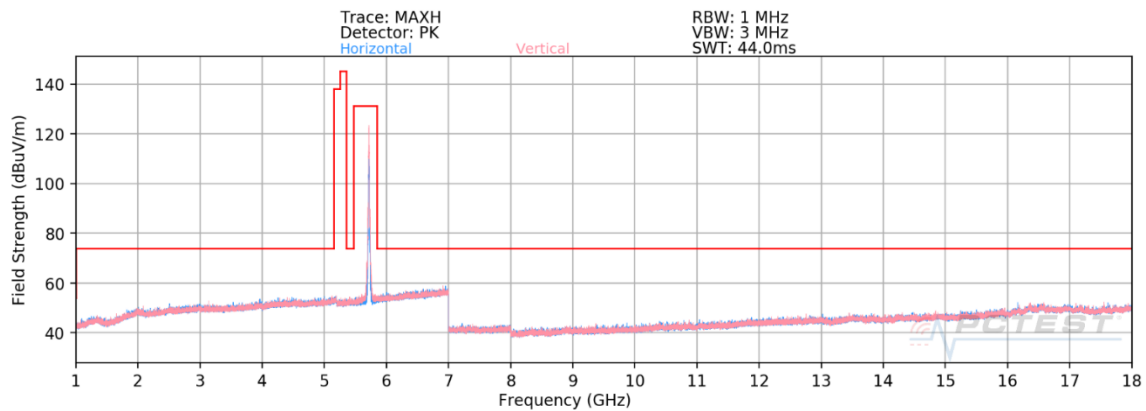
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 476 of 591



Plot 7-775. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2C, Ch. 100 – RU26)

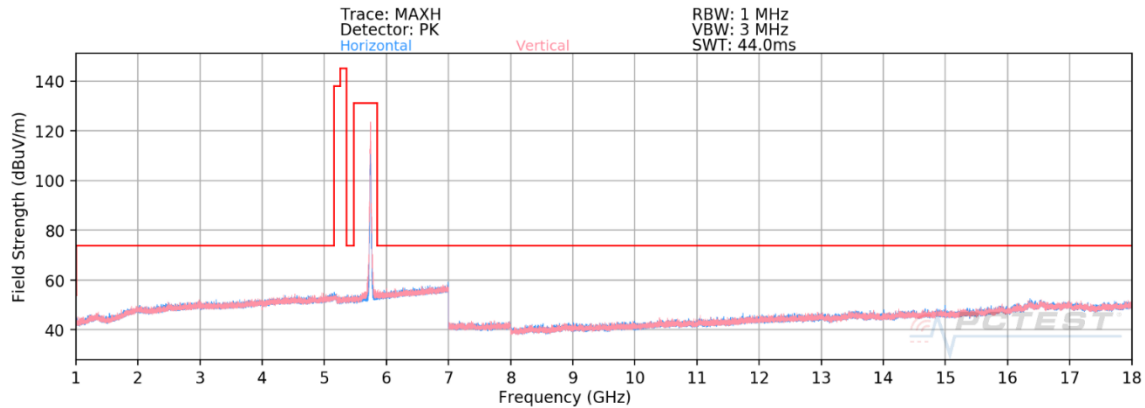


Plot 7-776. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2C, Ch. 116 – RU26)

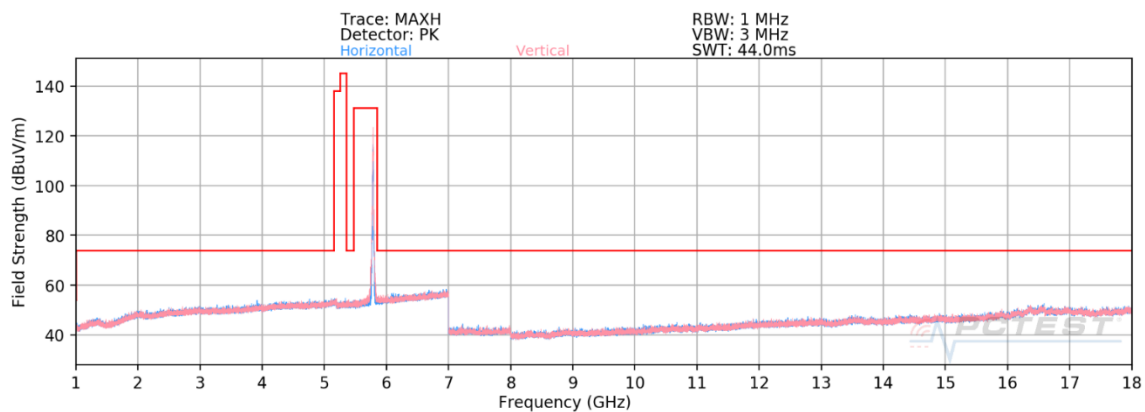


Plot 7-777. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2C, Ch. 144 – RU26)

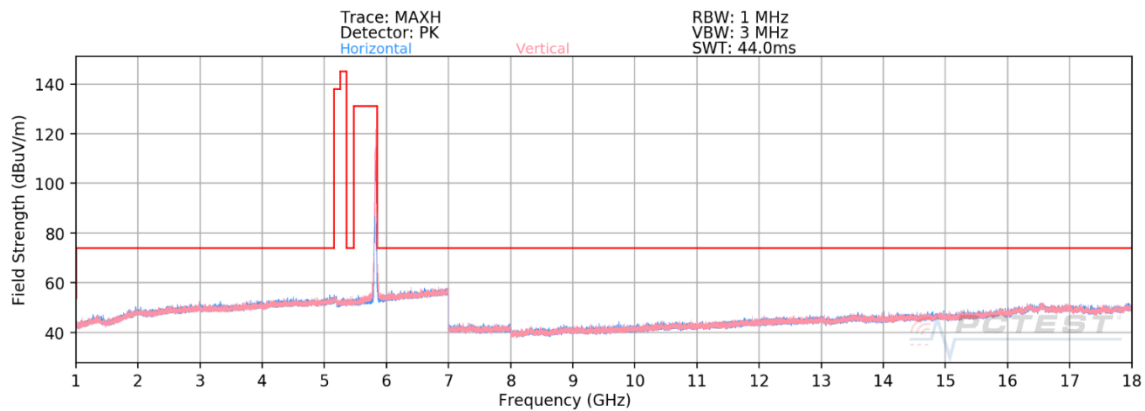
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 477 of 591



Plot 7-778. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 3, Ch. 149 – RU26)



Plot 7-779. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 3, Ch. 157 – RU26)

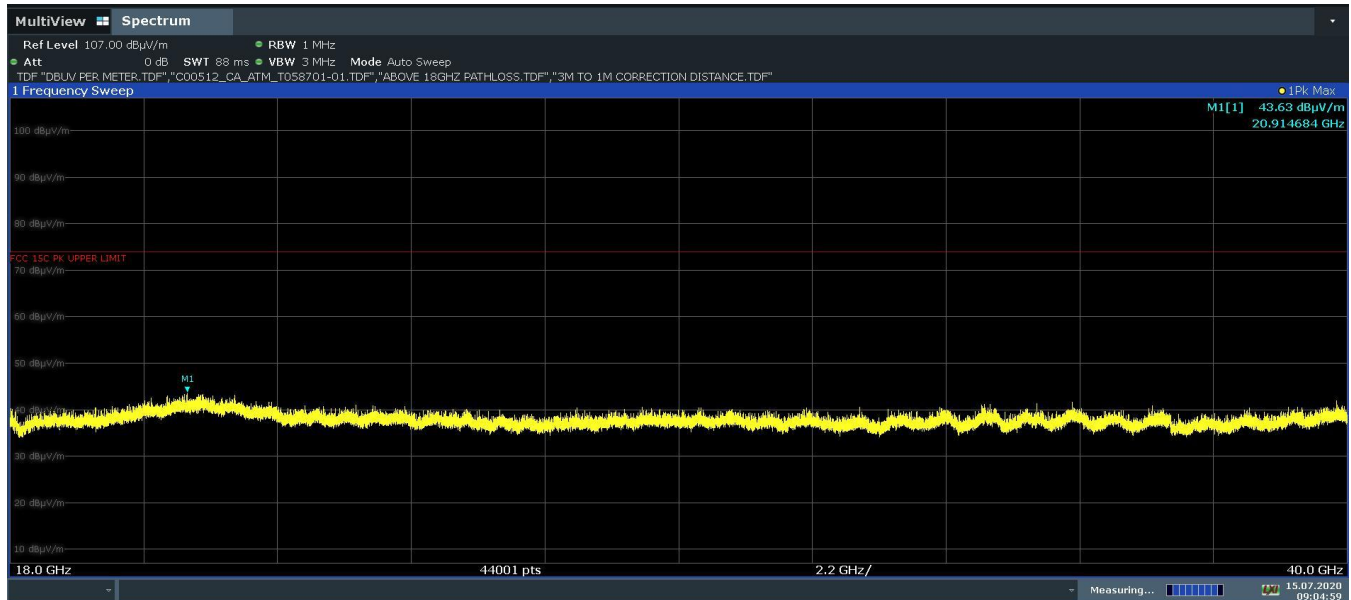


Plot 7-780. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 3, Ch. 165 – RU26)

0

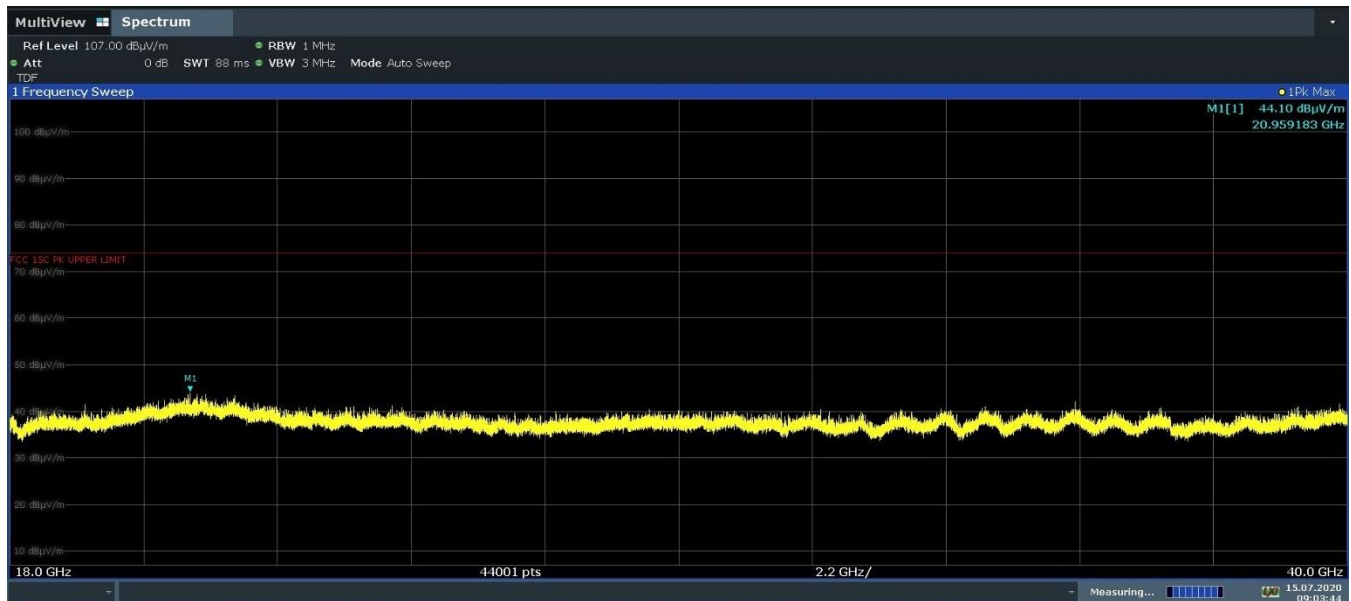
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 478 of 591

CDD Radiated Spurious Emissions (Above 18GHz)



09:04:59 15.07.2020

Plot 7-781. Radiated Spurious Emissions 18GHz – 40 GHz CDD (802.11ax Ch.36 — RU26, Pol. H)



09:03:44 15.07.2020

Plot 7-782. Radiated Spurious Emissions 18 GHz - 40GHz CDD (802.11ax Ch.36 — RU26, Pol. V)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 479 of 591

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CDD Radiated Spurious Emissions (RU26)

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

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	V	-	-	-74.34	14.74	47.40	68.20	-20.80
* 15540.00	Average	V	187	143	-87.79	19.68	38.89	53.98	-15.09
* 15540.00	Peak	V	187	143	-66.36	19.68	60.32	73.98	-13.66

Table 7-131. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	302	167	-74.23	15.29	48.06	68.20	-20.14
* 15600.00	Average	V	-	-	-85.70	19.56	40.86	53.98	-13.11
* 15600.00	Peak	V	-	-	-74.72	19.56	51.84	73.98	-22.13

Table 7-132. Radiated Measurements CDD (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 480 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	-	-	-73.83	14.53	47.70	68.20	-20.50
* 15720.00	Average	V	-	-	-86.26	20.10	40.84	53.98	-13.14
* 15720.00	Peak	V	-	-	-74.85	20.10	52.25	73.98	-21.73

Table 7-133. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	V	-	-	-73.05	14.33	48.28	68.20	-19.92
* 15780.00	Average	V	-	-	-86.07	19.64	40.57	53.98	-13.41
* 15780.00	Peak	V	-	-	-73.82	19.64	52.82	73.98	-21.16

Table 7-134. Radiated Measurements CDD (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 481 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	V	-	-	-73.34	14.85	48.51	68.20	-19.69
* 15840.00	Average	V	-	-	-85.72	19.84	41.12	53.98	-12.86
* 15840.00	Peak	V	-	-	-74.27	19.84	52.57	73.98	-21.41

Table 7-135. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	V	-	-	-85.55	15.23	36.68	53.98	-17.30
* 10640.00	Peak	V	-	-	-73.35	15.23	48.88	73.98	-25.10
* 15960.00	Average	V	-	-	-85.75	20.34	41.59	53.98	-12.39
* 15960.00	Peak	V	-	-	-74.81	20.34	52.53	73.98	-21.45

Table 7-136. Radiated Measurements CDD (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 482 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	V	-	-	-85.67	15.51	36.84	53.98	-17.14
* 11000.00	Peak	V	-	-	-73.49	15.51	49.02	73.98	-24.96
16500.00	Peak	V	-	-	-72.29	21.05	55.76	68.20	-12.44

Table 7-137. Radiated Measurements CDD (RU26)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11160.00	Average	V	-	-	-85.99	14.84	35.85	53.98	-18.13
* 11160.00	Peak	V	-	-	-73.22	14.84	48.62	73.98	-25.36
16740.00	Peak	V	-	-	-74.20	21.26	54.06	68.20	-14.14

Table 7-138. Radiated Measurements CDD (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 483 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	V	-	-	-85.84	15.72	36.88	53.98	-17.10
* 11440.00	Peak	V	-	-	-74.33	15.72	48.39	73.98	-25.59
17160.00	Peak	V	-	-	-73.81	21.03	54.22	68.20	-13.98

Table 7-139. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	V	-	-	-85.89	15.69	36.80	53.98	-17.18
* 11490.00	Peak	V	-	-	-74.15	15.69	48.54	73.98	-25.44
17235.00	Peak	V	273	155	-73.39	20.90	54.51	68.20	-13.69

Table 7-140. Radiated Measurements CDD (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 484 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer 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	V	-	-	-84.89	15.45	37.56	53.98	-16.42
* 11570.00	Peak	V	-	-	-73.82	15.45	48.63	73.98	-25.35
17355.00	Peak	V	-	-	-73.16	20.67	54.51	68.20	-13.69

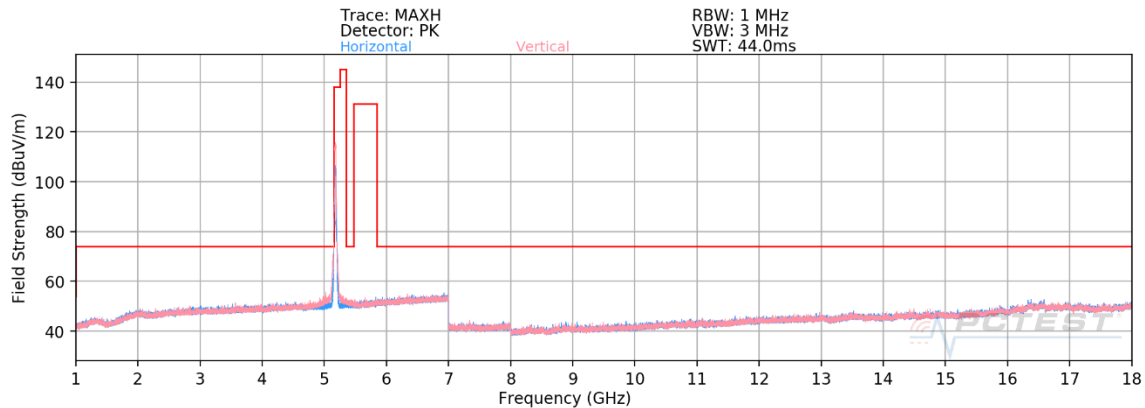
Table 7-141. Radiated Measurements CDD (RU26)

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

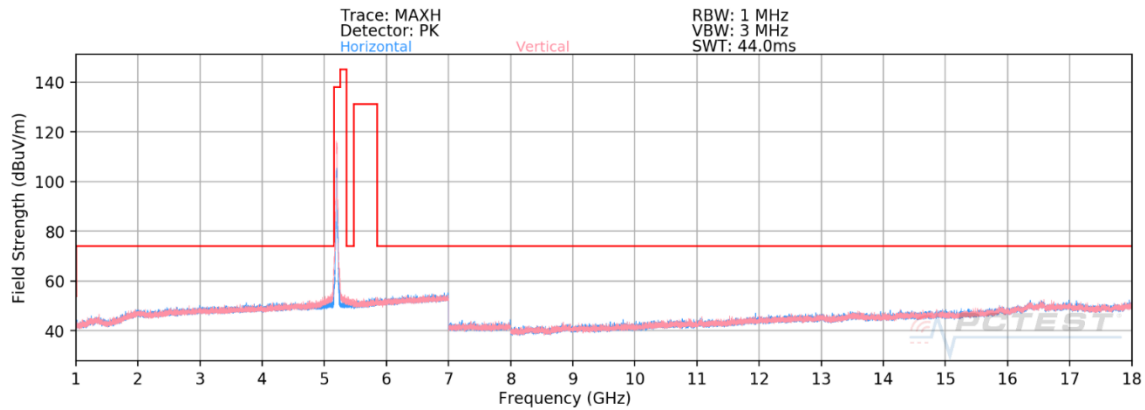
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	V	-	-	-85.32	15.93	37.61	53.98	-16.37
* 11650.00	Peak	V	-	-	-73.29	15.93	49.64	73.98	-24.34
17475.00	Peak	V	-	-	-73.84	20.70	53.86	68.20	-14.34

Table 7-142. Radiated Measurements CDD (RU26)

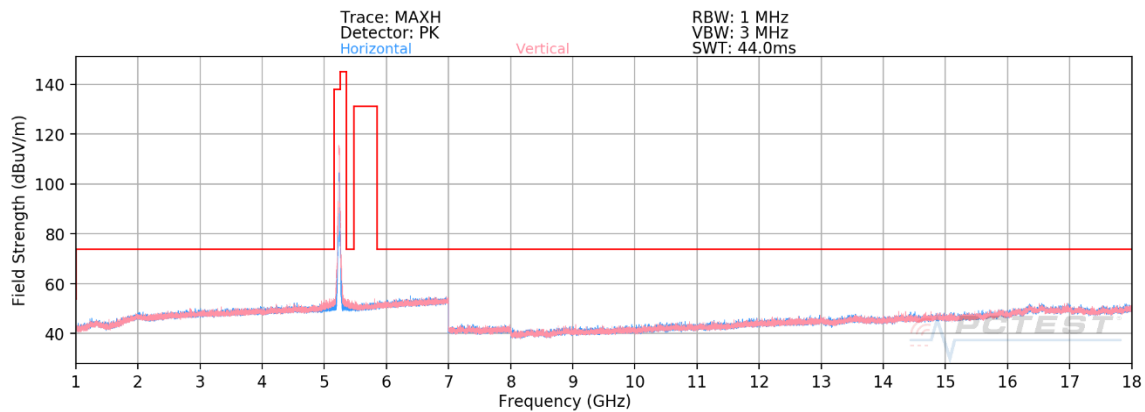
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 485 of 591



Plot 7-783. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 1, Ch. 36 – RU242)

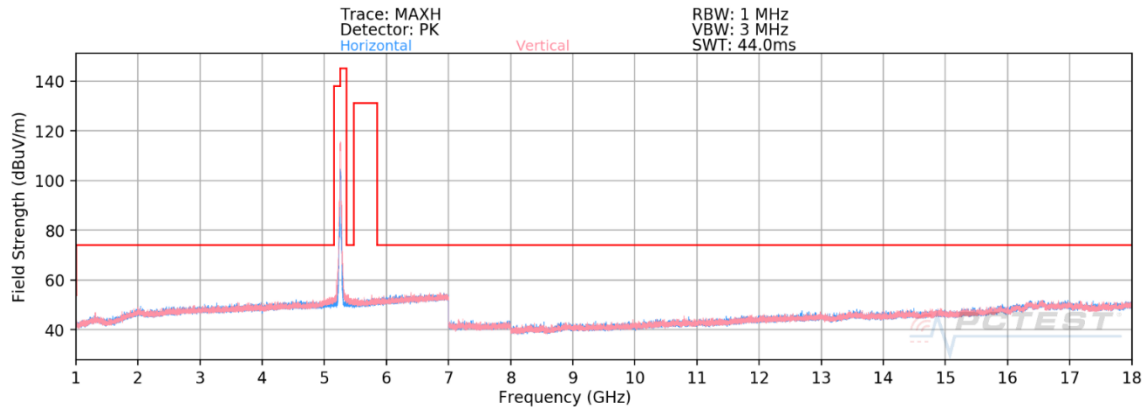


Plot 7-784. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 1, Ch. 40 – RU242)

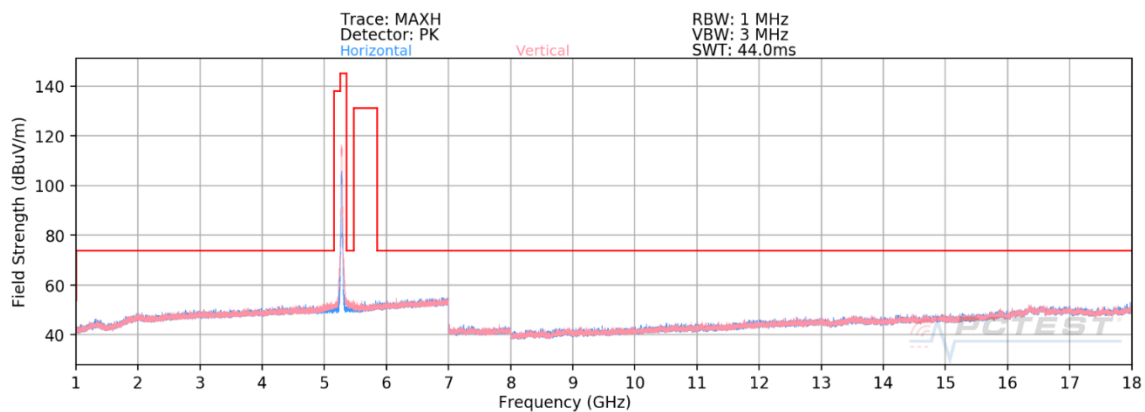


Plot 7-785. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 1, Ch. 48 – RU242)

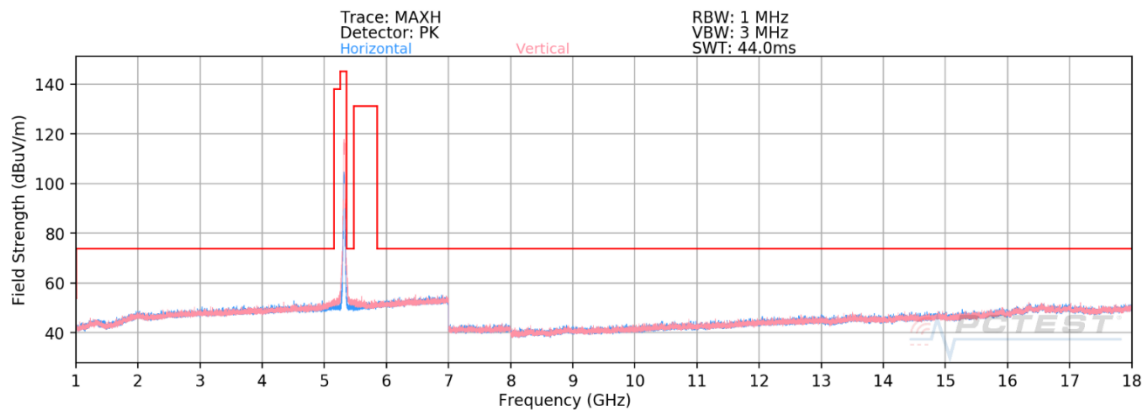
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 486 of 591



Plot 7-786. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2A, Ch. 52 – RU242)

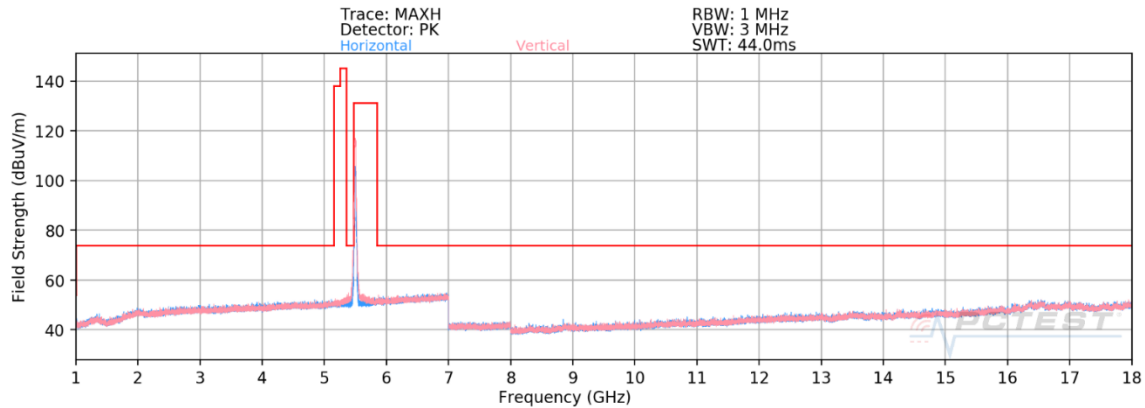


Plot 7-787. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2A, Ch. 56 – RU242)

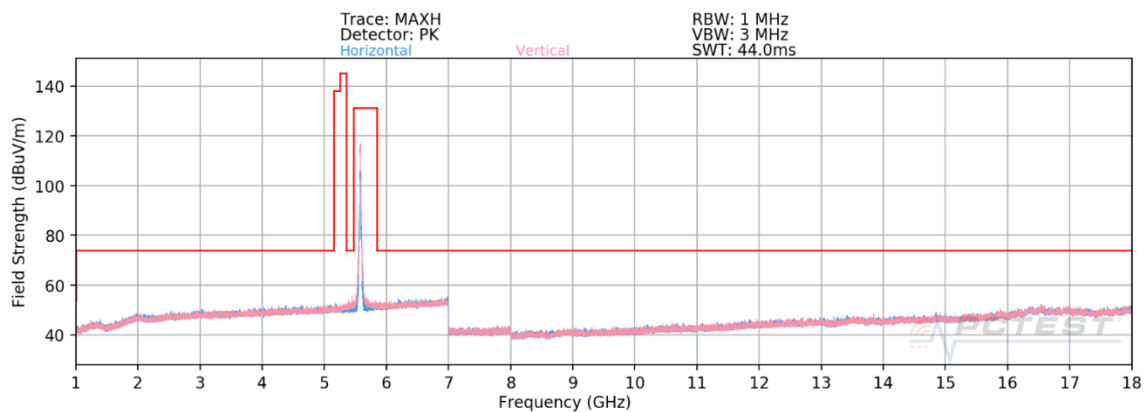


Plot 7-788. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2A, Ch. 64 – RU242)

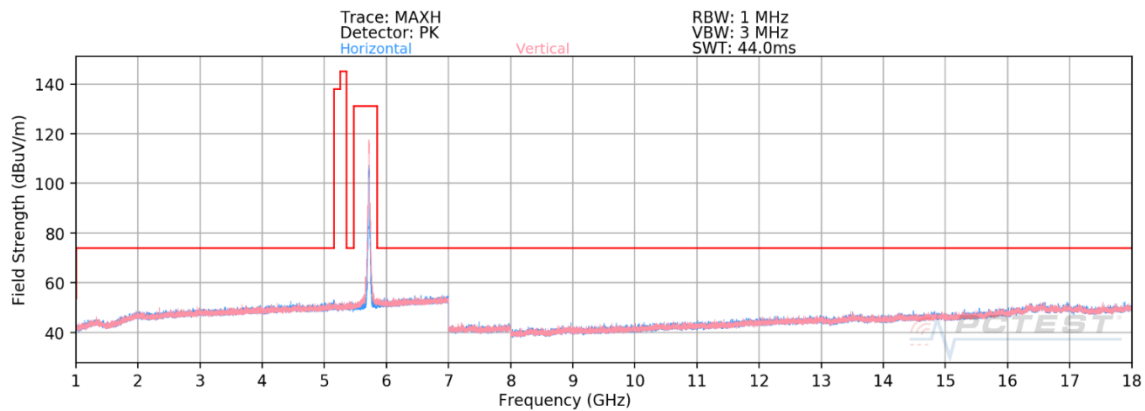
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 487 of 591



Plot 7-789. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2C, Ch. 100 – RU242)



Plot 7-790. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2C, Ch. 116 – RU242)



Plot 7-791. Radiated Spurious Emissions above 1GHz CDD (802.11ax – UNII Band 2C, Ch. 144 – RU242)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 488 of 591