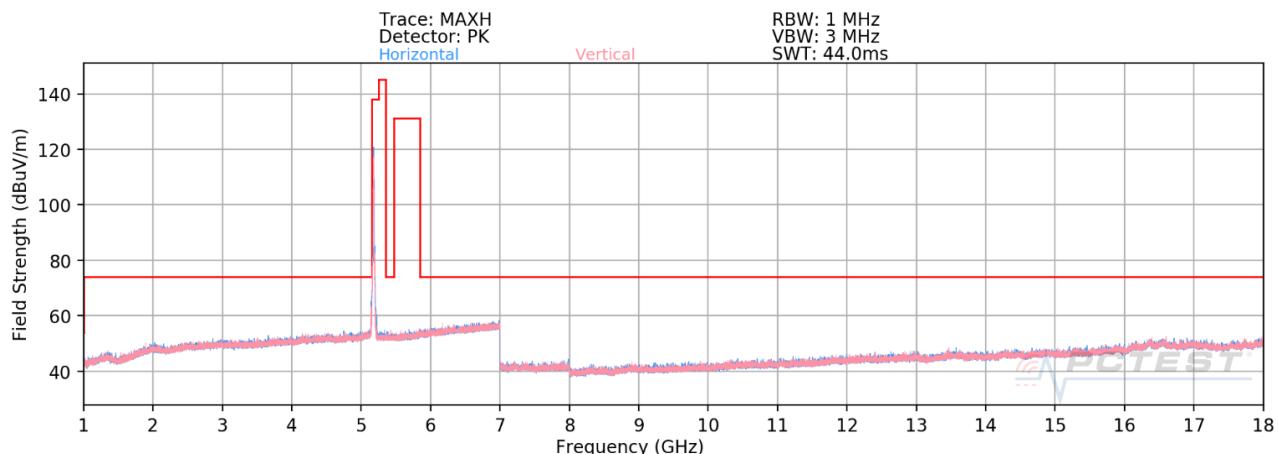
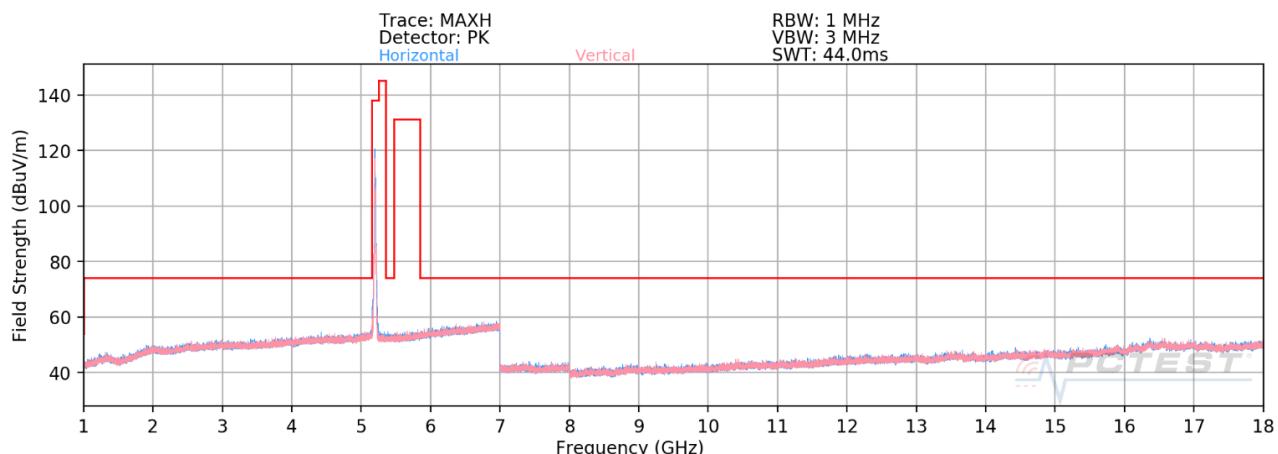


7.6.5 CDD Diversity Radiated Spurious Emissions

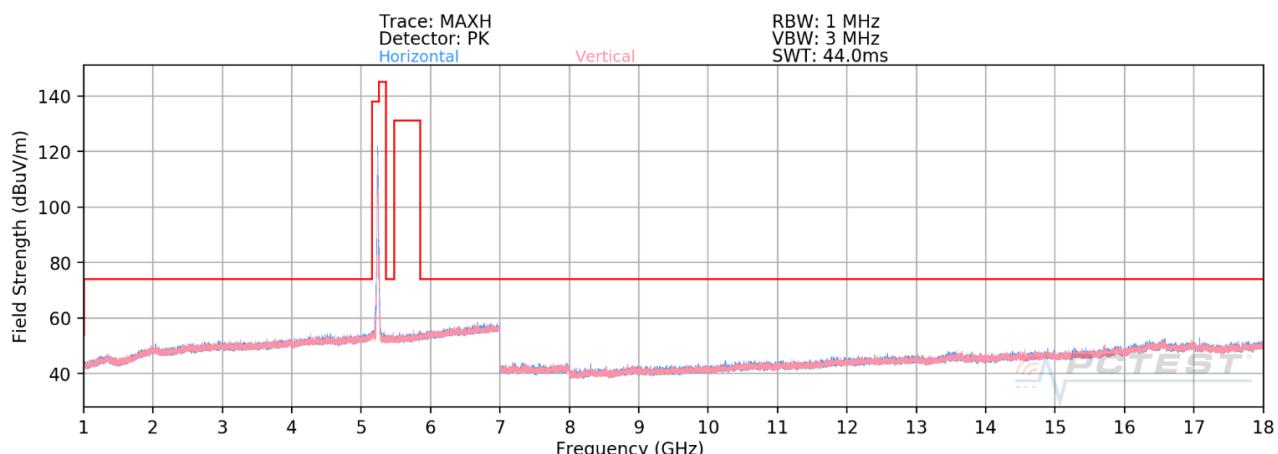
RU26



Plot 7-1319. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 1, Ch. 36 – RU26)

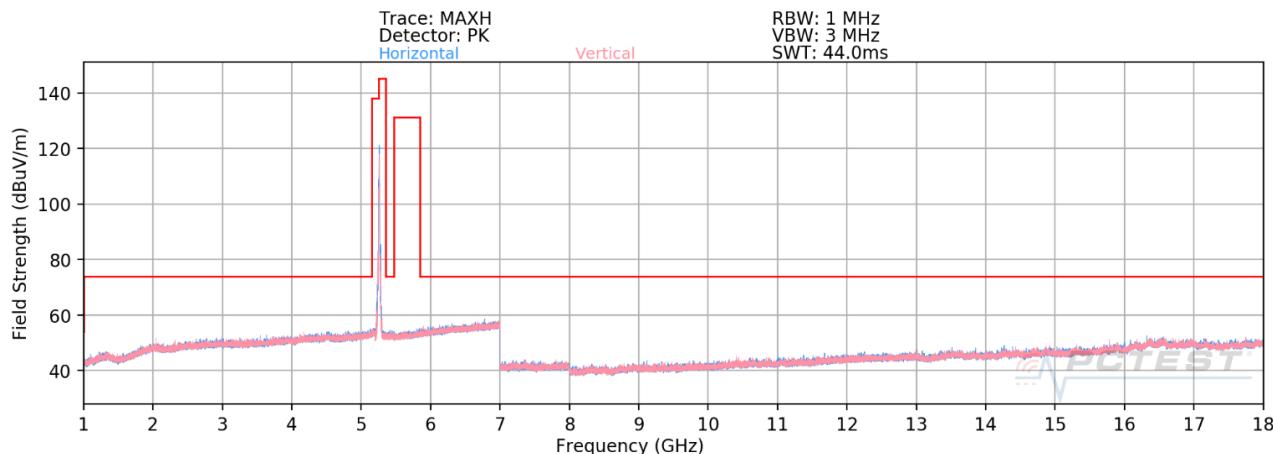


Plot 7-1320. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 1, Ch. 40 – RU26)

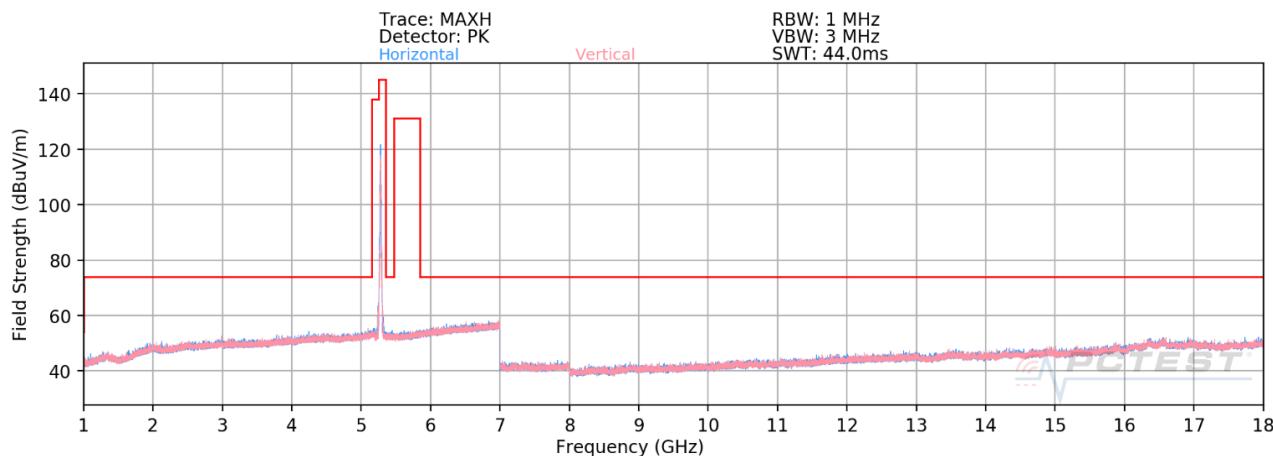


Plot 7-1321. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 1, Ch. 48 – RU26)

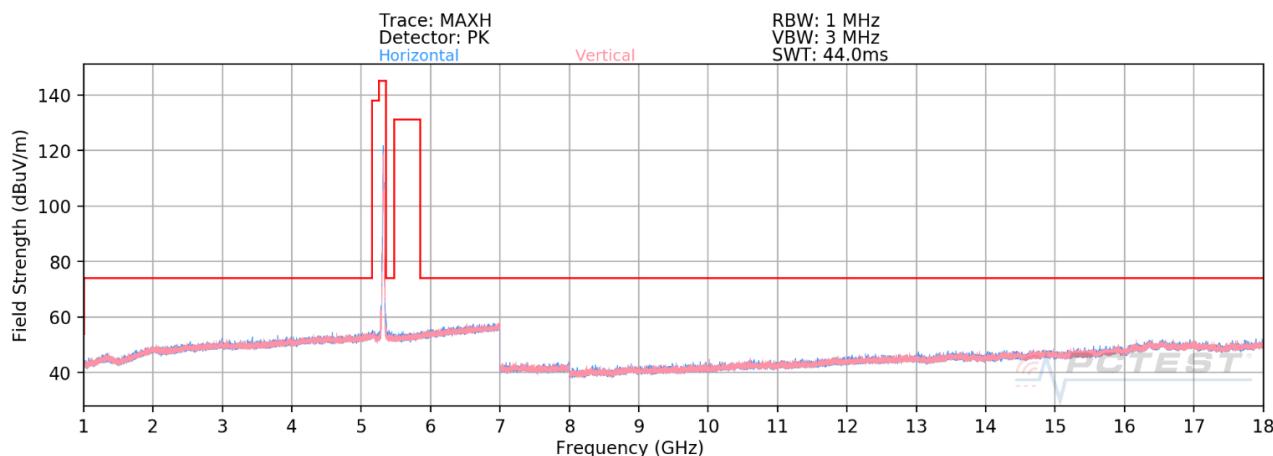
FCC ID: BCGA2072	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 796 of 958	



Plot 7-1322. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2A, Ch. 52 – RU26)

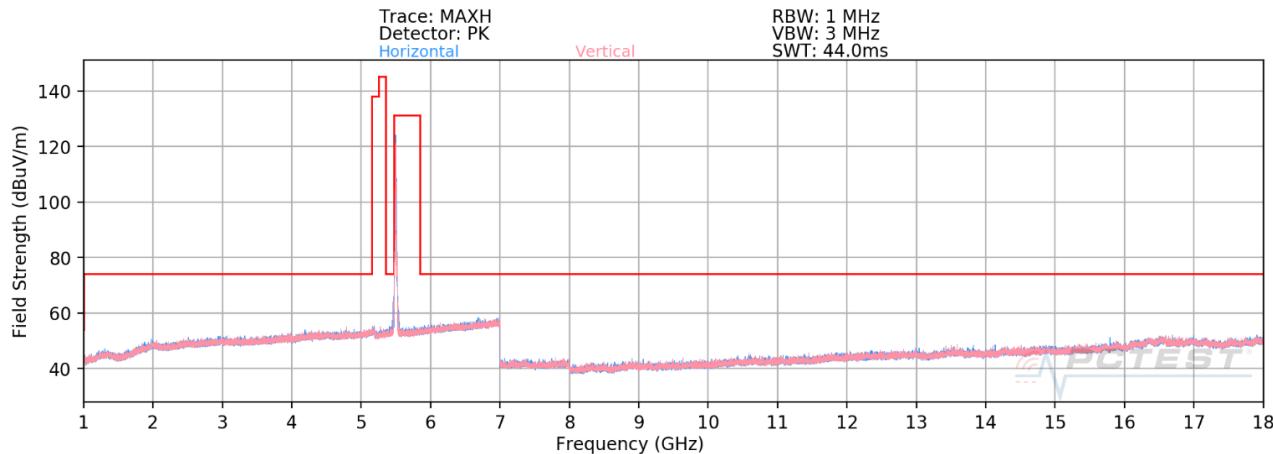


Plot 7-1323. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2A, Ch. 56 – RU26)

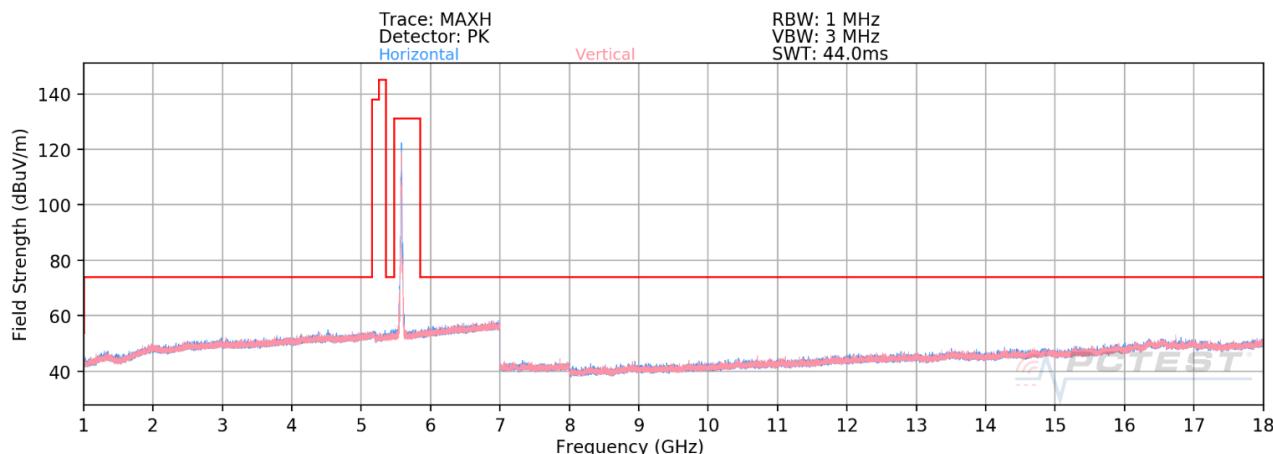


Plot 7-1324. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2A, Ch. 64 – RU26)

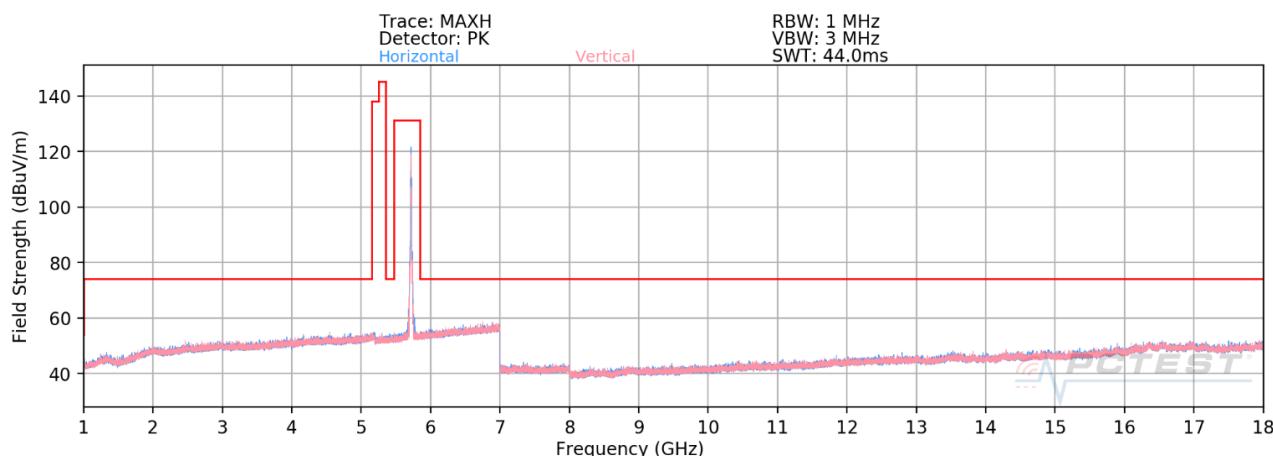
FCC ID: BCGA2072	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 797 of 958



Plot 7-1325. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2C, Ch. 100 – RU26)

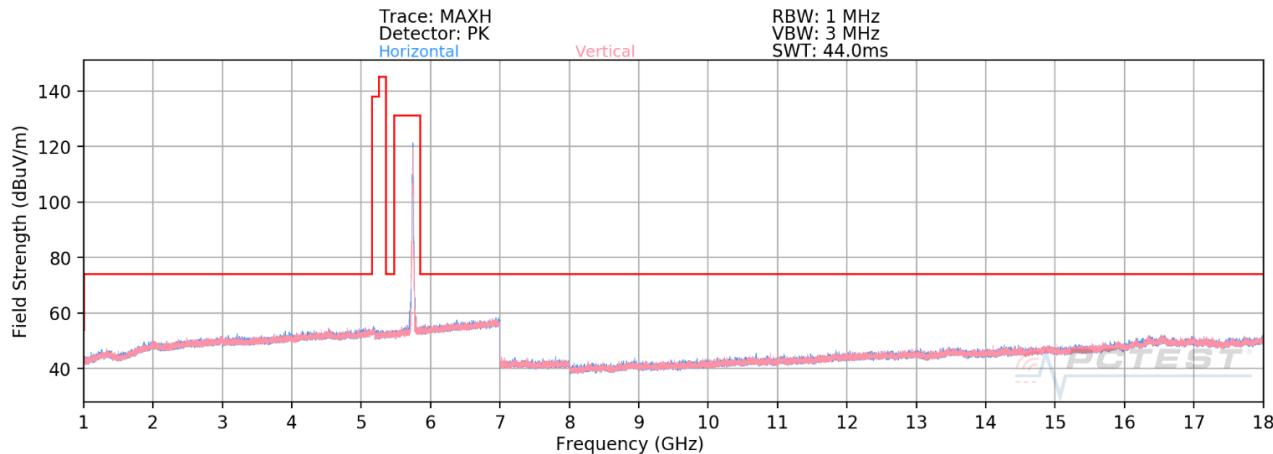


Plot 7-1326. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2C, Ch. 116 – RU26)

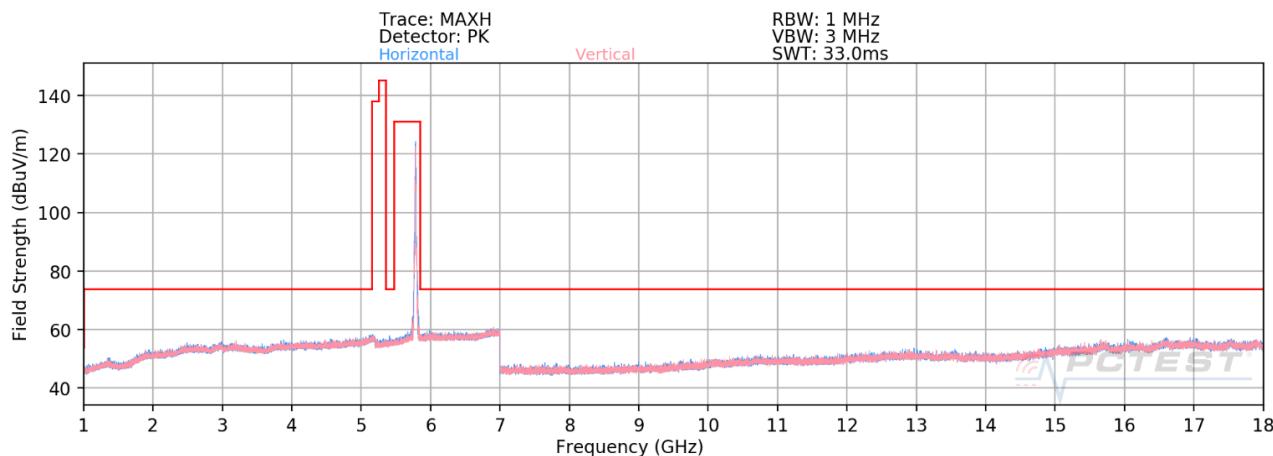


Plot 7-1327. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2C, Ch. 144 – RU26)

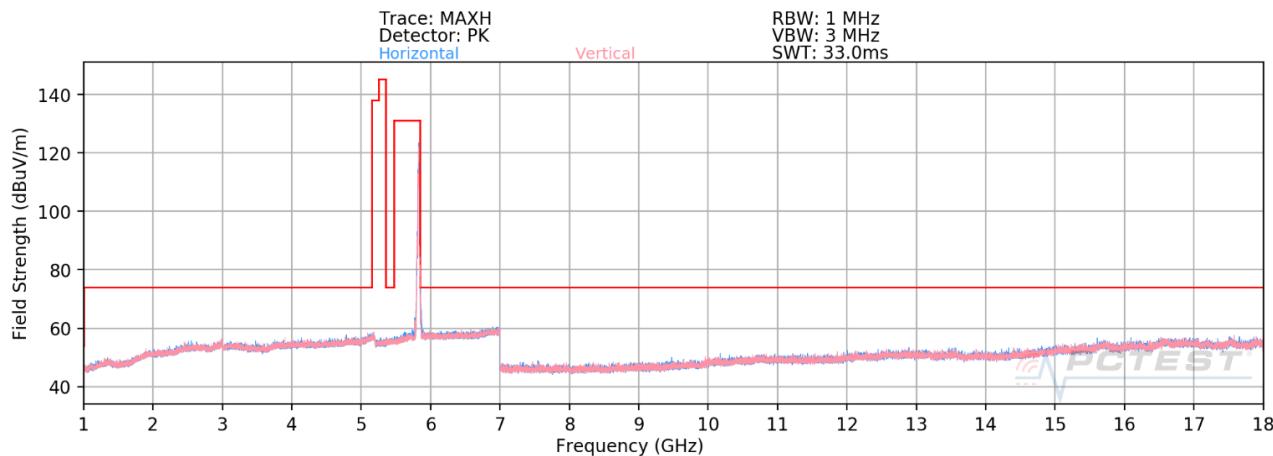
FCC ID: BCGA2072	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 798 of 958	



Plot 7-1328. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 3, Ch. 149 – RU26)



Plot 7-1329. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 3, Ch. 157 – RU26)

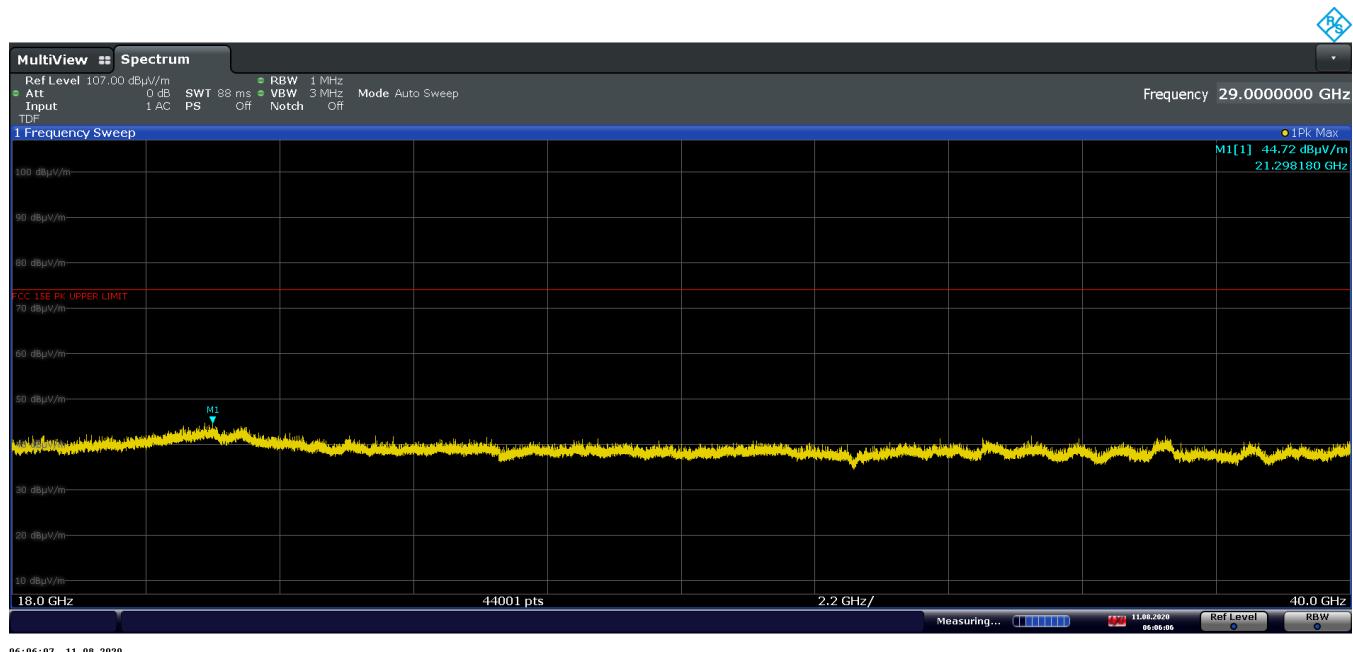


Plot 7-1330. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 3, Ch. 165 – RU26)

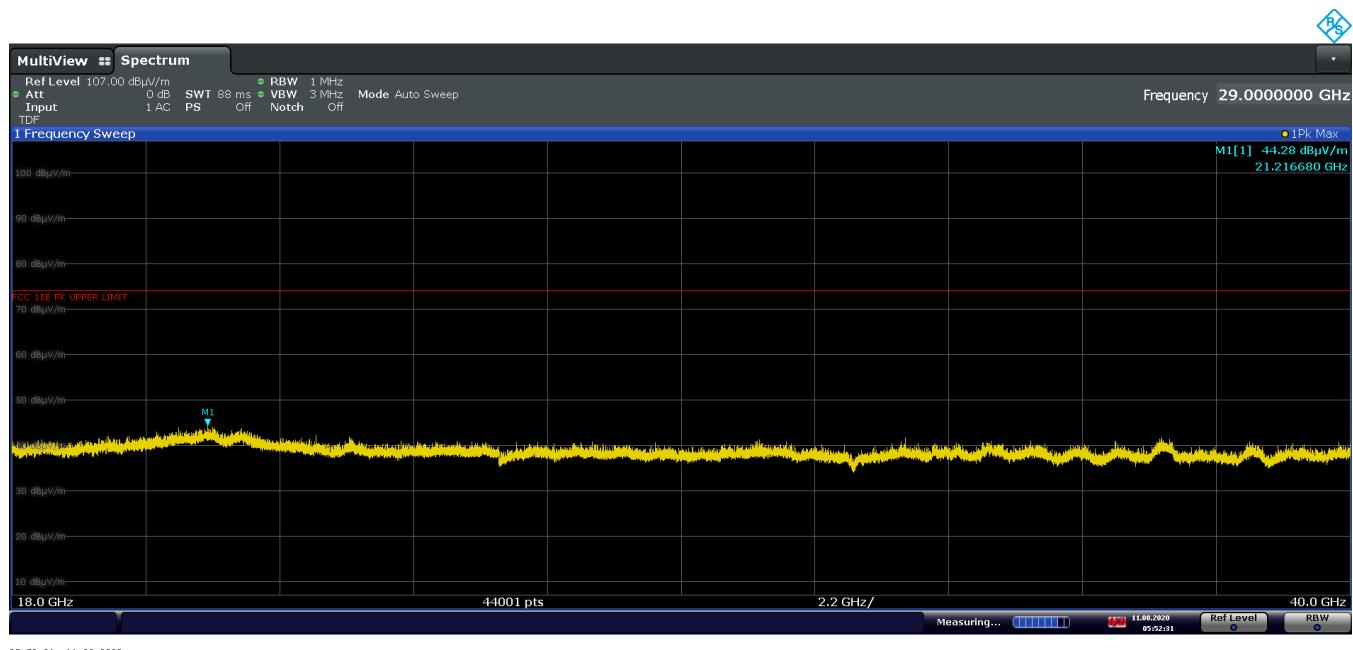
0

FCC ID: BCGA2072	PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 799 of 958

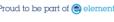
CDD Diversity Radiated Spurious Emissions (Above 18GHz)



Plot 7-1331. Radiated Spurious Emissions 18GHz – 40 GHz CDD Diversity (802.11ax Ch.36 — RU26, Pol. H)



Plot 7-1332. Radiated Spurious Emissions 18 GHz - 40GHz CDD Diversity (802.11ax Ch.36 — RU26, Pol. V)

FCC ID: BCGA2072	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 800 of 958

CDD Diversity Radiated Spurious Emissions (RU26)
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS11</u>
RU Index:	<u>4</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5180MHz</u>
Channel:	<u>36</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-74.36	14.74	47.38	68.20	-20.82
* 15540.00	Average	H	212	127	-80.89	19.68	45.79	53.98	-8.19
* 15540.00	Peak	H	212	127	-66.88	19.68	59.80	73.98	-14.18

Table 7-231. Radiated Measurements CDD Diversity (RU26)

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS11</u>
RU Index:	<u>4</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5200MHz</u>
Channel:	<u>40</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	H	-	-	-73.86	15.29	48.43	68.20	-19.77
* 15600.00	Average	H	-	-	-85.64	19.56	40.92	53.98	-13.05
* 15600.00	Peak	H	-	-	-74.54	19.56	52.02	73.98	-21.95

Table 7-232. Radiated Measurements CDD Diversity (RU26)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-73.27	14.53	48.26	68.20	-19.94
* 15720.00	Average	H	-	-	-86.03	20.10	41.07	53.98	-12.91
* 15720.00	Peak	H	-	-	-74.32	20.10	52.78	73.98	-21.20

Table 7-233. Radiated Measurements CDD Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-73.38	14.33	47.95	68.20	-20.25
* 15780.00	Average	H	-	-	-85.96	19.64	40.68	53.98	-13.30
* 15780.00	Peak	H	-	-	-75.04	19.64	51.60	73.98	-22.38

Table 7-234. Radiated Measurements CDD Diversity (RU26)

FCC ID: BCGA2072	 PCTEST® <small>Proud to be part of element</small>			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-73.29	14.85	48.56	68.20	-19.64
* 15840.00	Average	H	-	-	-85.92	19.84	40.92	53.98	-13.06
* 15840.00	Peak	H	-	-	-74.12	19.84	52.72	73.98	-21.26

Table 7-235. Radiated Measurements CDD Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 10640.00	Average	H	-	-	-85.14	15.23	37.09	53.98	-16.89
* 10640.00	Peak	H	-	-	-74.26	15.23	47.97	73.98	-26.01
* 15960.00	Average	H	318	274	-84.37	20.34	42.97	53.98	-11.01
* 15960.00	Peak	H	318	274	-72.99	20.34	54.35	73.98	-19.63

Table 7-236. Radiated Measurements CDD Diversity (RU26)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11000.00	Average	H	375	265	-84.52	15.51	37.99	53.98	-15.99
*	11000.00	Peak	H	375.00	265.00	-73.61	15.51	48.90	73.98	-25.08
*	16500.00	Peak	H	167	235	-66.46	21.05	61.59	68.20	-6.61

Table 7-237. Radiated Measurements CDD Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11160.00	Average	H	-	-	-84.94	14.84	36.90	53.98	-17.08
*	11160.00	Peak	H	-	-	-72.95	14.84	48.89	73.98	-25.09
*	16740.00	Peak	H	241	237	-70.79	21.26	57.47	68.20	-10.73

Table 7-238. Radiated Measurements CDD Diversity (RU26)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 804 of 958

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11440.00	Average	H	-	-	-85.82	15.72	36.90	53.98	-17.08
*	11440.00	Peak	H	-	-	-73.56	15.72	49.16	73.98	-24.82
*	17160.00	Peak	H	347	275	-73.08	21.03	54.95	68.20	-13.25

Table 7-239. Radiated Measurements CDD Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11490.00	Average	H	-	-	-81.48	15.69	41.21	53.98	-12.77
*	11490.00	Peak	H	-	-	-70.85	15.69	51.84	73.98	-22.14
*	17235.00	Peak	H	-	-	-70.69	20.90	57.21	68.20	-10.99

Table 7-240. Radiated Measurements CDD Diversity (RU26)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device				

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11570.00	Average	H	-	-81.47	15.45	40.98	53.98	-13.00
*	11570.00	Peak	H	-	-70.33	15.45	52.12	73.98	-21.86
*	17355.00	Peak	H	-	-71.31	20.67	56.36	68.20	-11.84

Table 7-241. Radiated Measurements CDD Diversity (RU26)

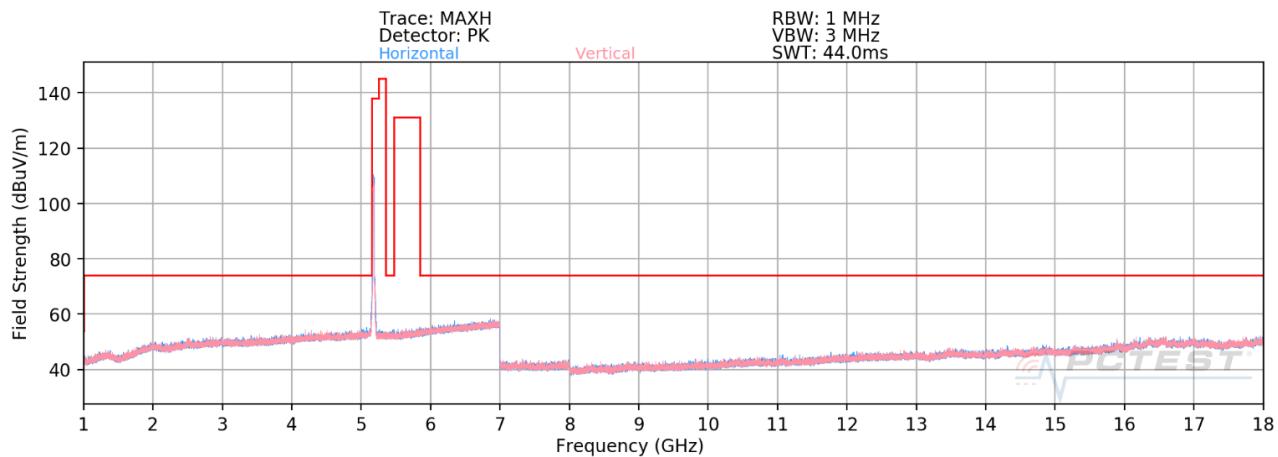
Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS11
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11650.00	Average	H	-	-81.61	15.93	41.32	53.98	-12.66
*	11650.00	Peak	H	-	-70.04	15.93	52.89	73.98	-21.09
*	17475.00	Peak	H	-	-71.87	20.70	55.83	68.20	-12.37

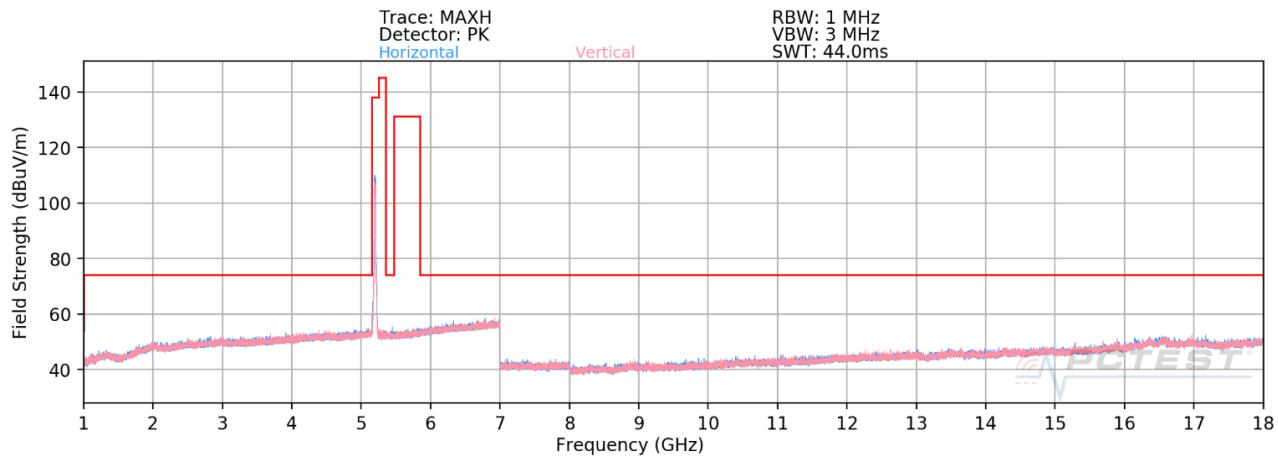
Table 7-242. Radiated Measurements CDD Diversity (RU26)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device				

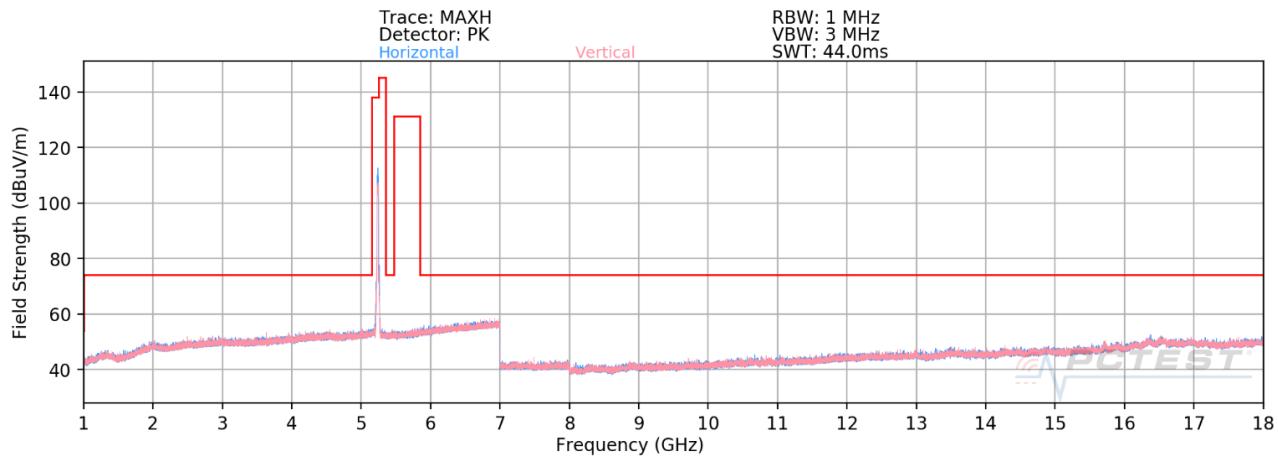
RU242



Plot 7-1333. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 1, Ch. 36 – RU242)

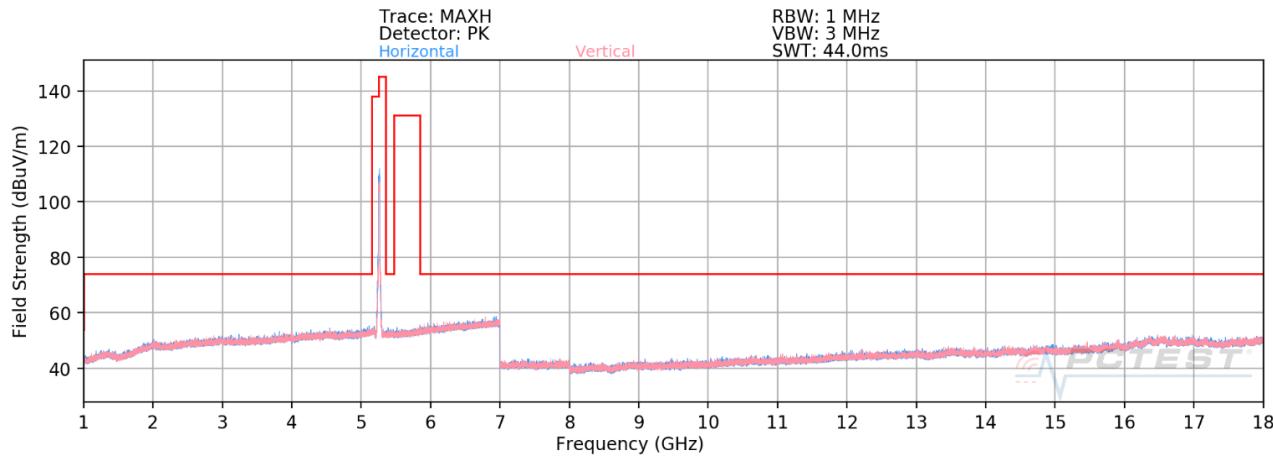


Plot 7-1334. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 1, Ch. 40 – RU242)

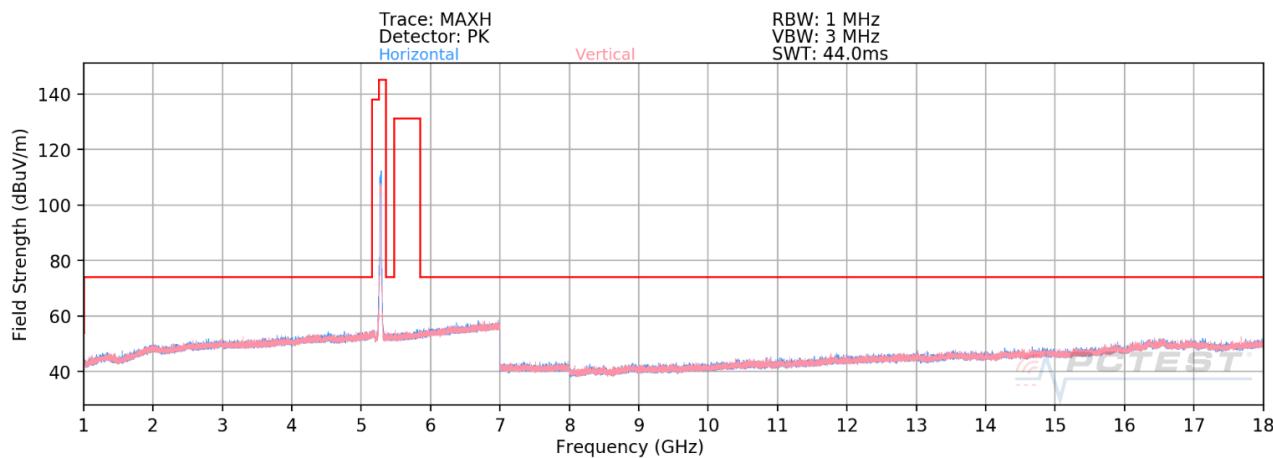


Plot 7-1335. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 1, Ch. 48 – RU242)

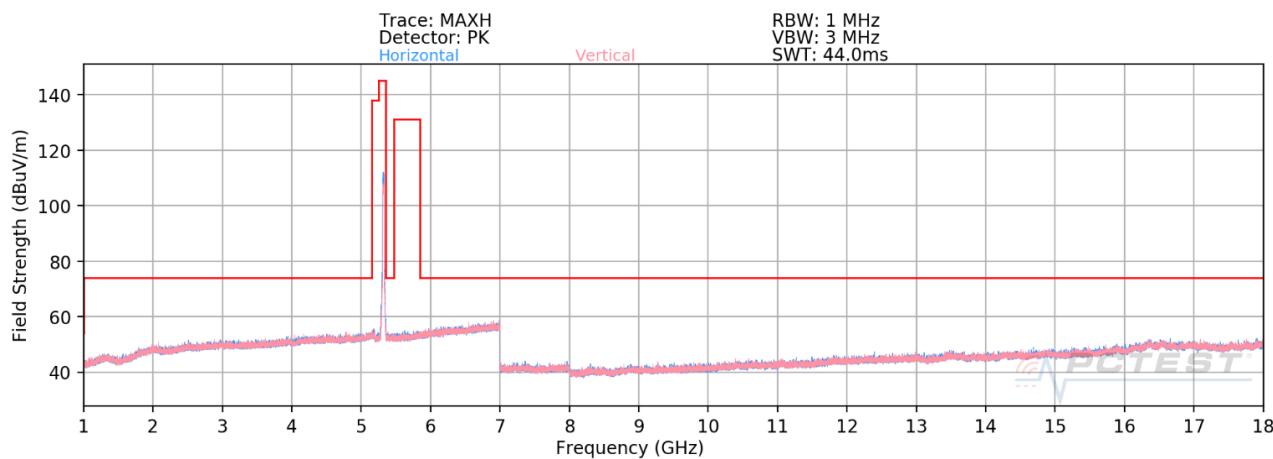
FCC ID: BCGA2072	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 807 of 958



Plot 7-1336. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2A, Ch. 52 – RU242)

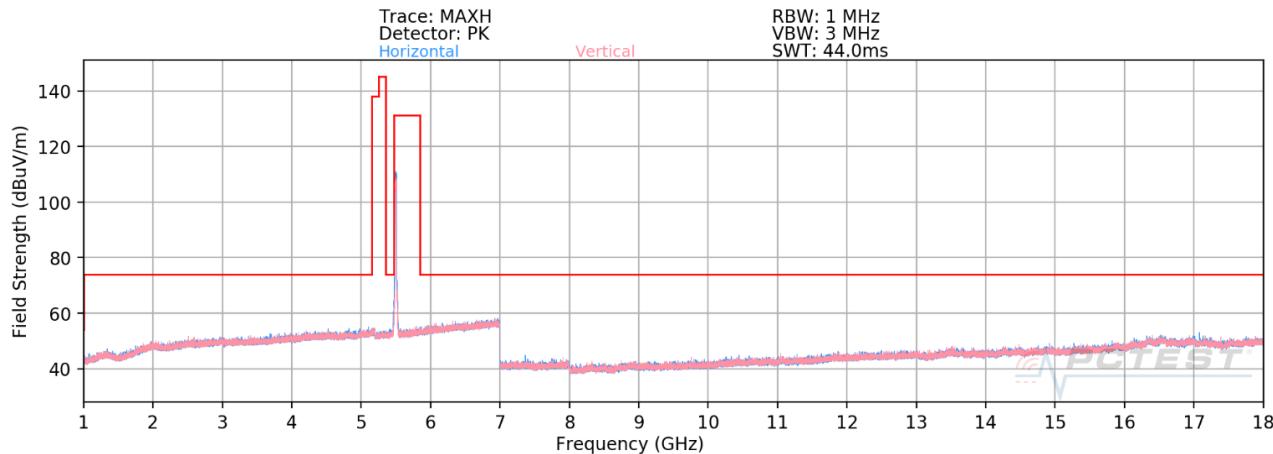


Plot 7-1337. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2A, Ch. 56 – RU242)

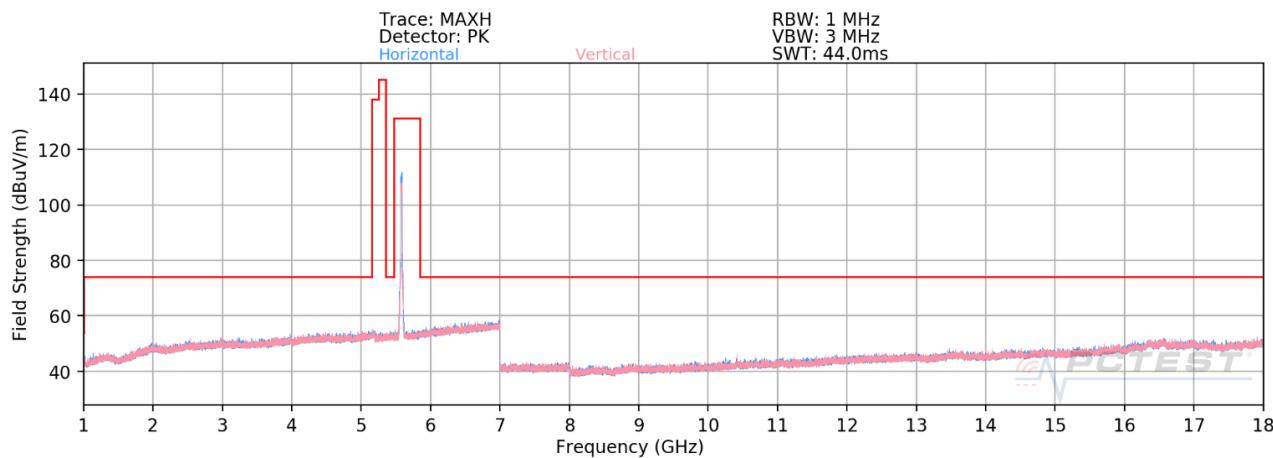


Plot 7-1338. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2A, Ch. 64 – RU242)

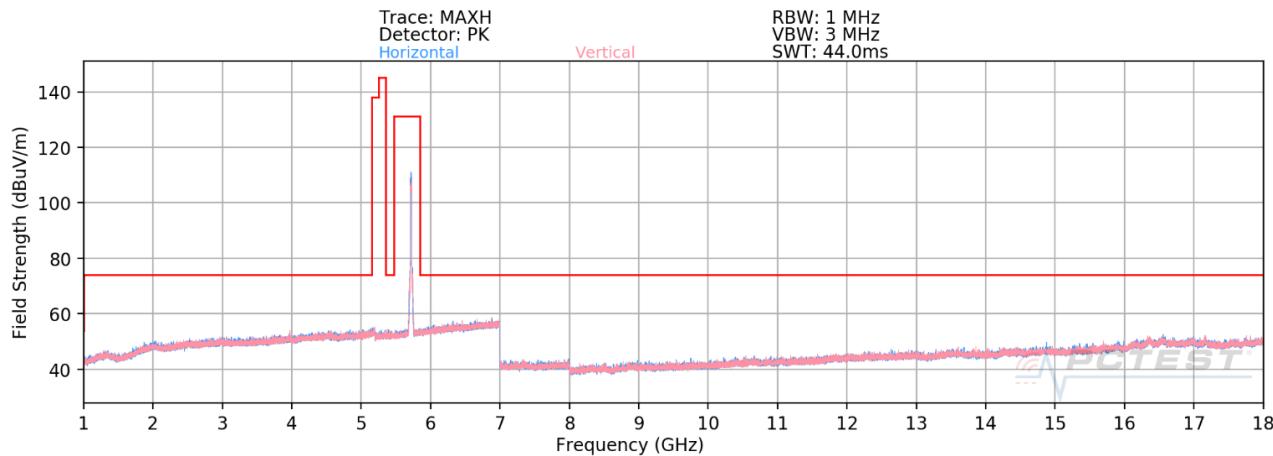
FCC ID: BCGA2072	PCTEST® Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 808 of 958	



Plot 7-1339. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2C, Ch. 100 – RU242)

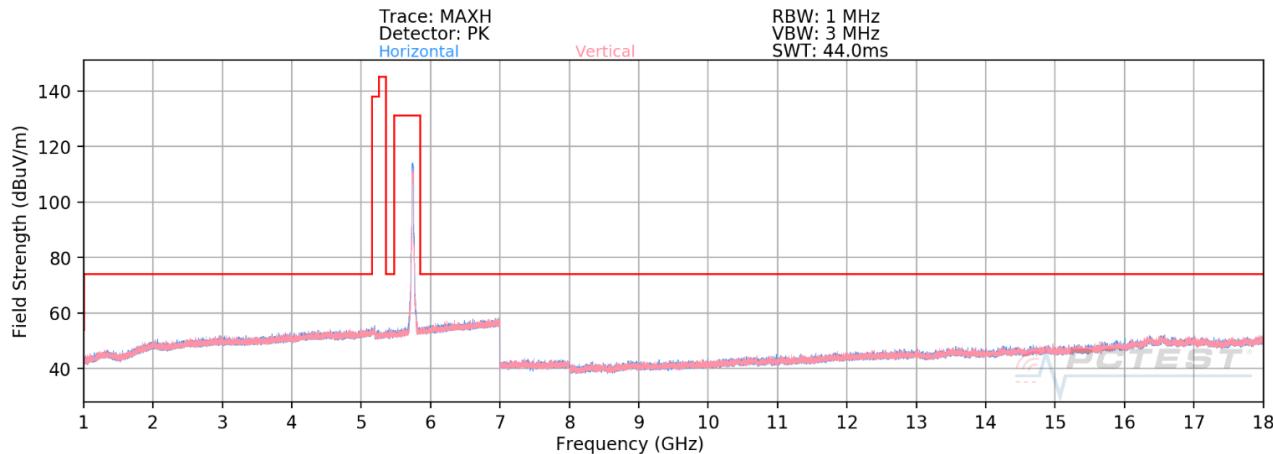


Plot 7-1340. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2C, Ch. 116 – RU242)

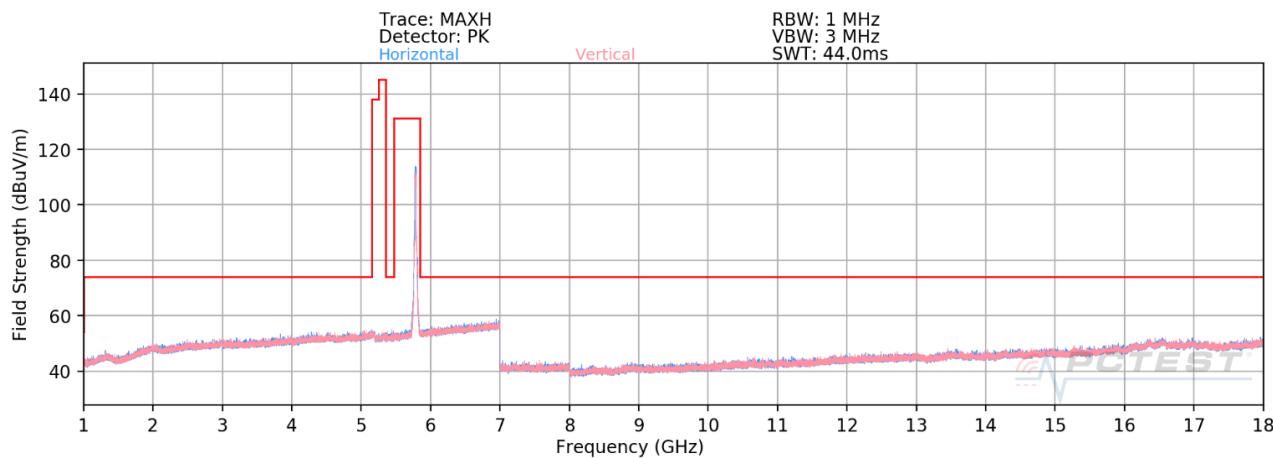


Plot 7-1341. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 2C, Ch. 144 – RU242)

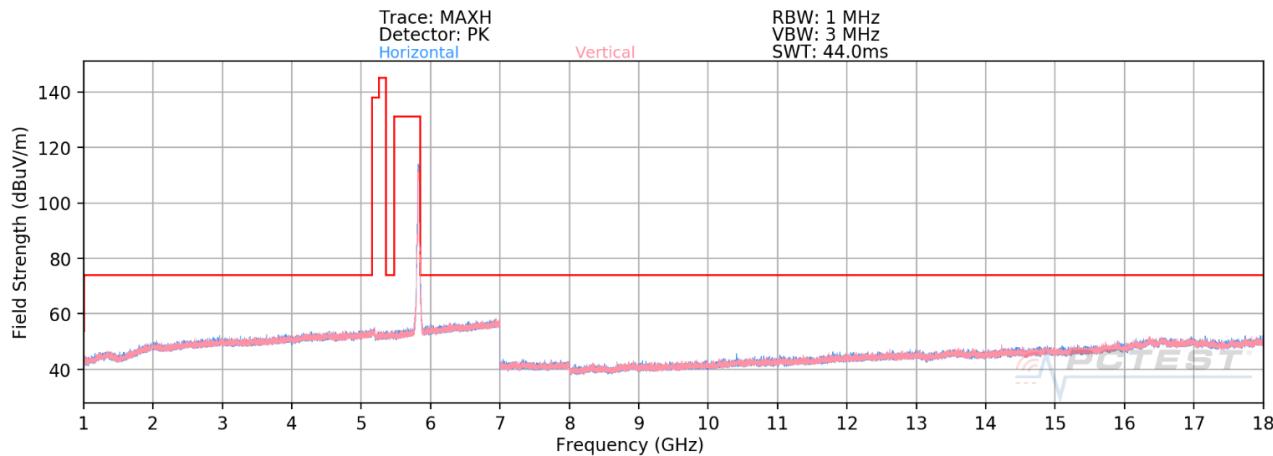
FCC ID: BCGA2072	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 809 of 958



Plot 7-1342. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 3, Ch. 149 – RU242)



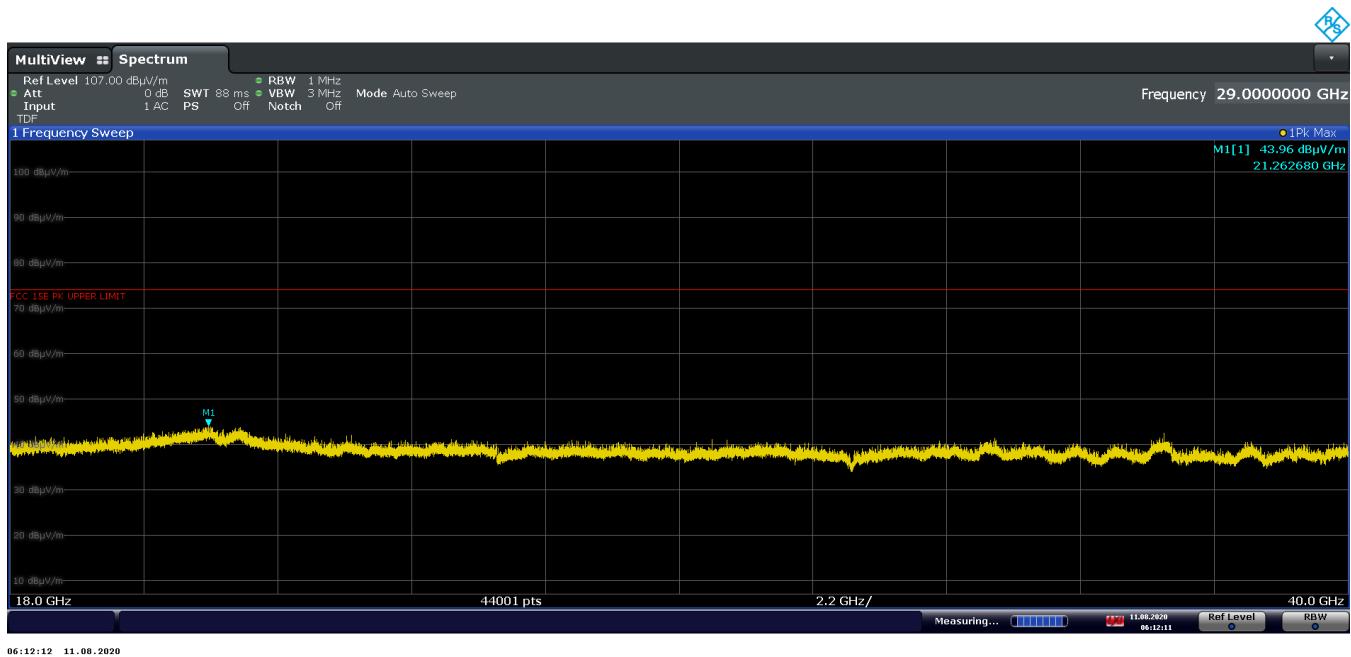
Plot 7-1343. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 3, Ch. 157 – RU242)



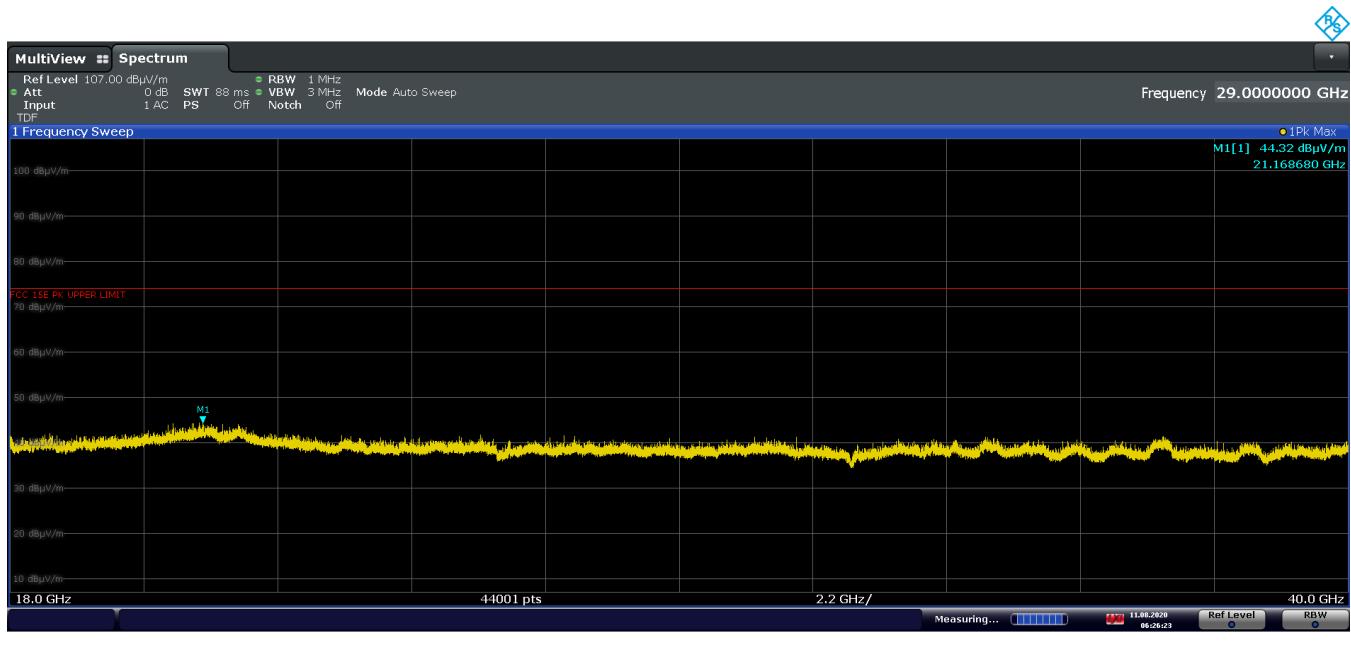
Plot 7-1344. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax – UNII Band 3, Ch. 165 – RU242)

FCC ID: BCGA2072	PCTEST® Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device		Page 810 of 958

CDD Diversity Radiated Spurious Emissions (Above 18GHz)



Plot 7-1345. Radiated Spurious Emissions 18GHz – 40 GHz CDD Diversity (802.11ax Ch.36 — RU242, Pol. H)



Plot 7-1346. Radiated Spurious Emissions 18GHz – 40 GHz CDD Diversity ((802.11ax Ch.36 — RU242, Pol. V)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 811 of 958

CDD Diversity Radiated Spurious Emissions (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-73.82	14.74	47.92	68.20	-20.28
* 15540.00	Average	H	-	-	-85.66	19.68	41.02	53.98	-12.96
* 15540.00	Peak	H	-	-	-73.81	19.68	52.87	73.98	-21.11

Table 7-243. Radiated Measurements CDD Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	H	-	-	-74.28	15.29	48.01	68.20	-20.19
* 15600.00	Average	H	-	-	-85.60	19.56	40.96	53.98	-13.01
* 15600.00	Peak	H	-	-	-74.31	19.56	52.25	73.98	-21.72

Table 7-244. Radiated Measurements CDD Diversity (RU242)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-73.43	14.53	48.10	68.20	-20.10
* 15720.00	Average	H	-	-	-86.14	20.10	40.96	53.98	-13.02
* 15720.00	Peak	H	-	-	-74.36	20.10	52.74	73.98	-21.24

Table 7-245. Radiated Measurements CDD Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-73.12	14.33	48.21	68.20	-19.99
* 15780.00	Average	H	-	-	-85.95	19.64	40.69	53.98	-13.29
* 15780.00	Peak	H	-	-	-74.13	19.64	52.51	73.98	-21.47

Table 7-246. Radiated Measurements CDD Diversity (RU242)

FCC ID: BCGA2072	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device				

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-73.44	14.85	48.41	68.20	-19.79
* 15840.00	Average	H	-	-	-85.76	19.84	41.08	53.98	-12.90
* 15840.00	Peak	H	-	-	-74.34	19.84	52.50	73.98	-21.48

Table 7-247. Radiated Measurements CDD/SDM Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 10640.00	Average	H	-	-	-85.34	15.23	36.89	53.98	-17.09
* 10640.00	Peak	H	-	-	-74.03	15.23	48.20	73.98	-25.78
* 15960.00	Average	H	-	-	-85.54	20.34	41.80	53.98	-12.18
* 15960.00	Peak	H	-	-	-74.24	20.34	53.10	73.98	-20.88

Table 7-248. Radiated Measurements CDD/SDM Diversity (RU242)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11000.00	Average	H	-	-85.25	15.51	37.26	53.98	-16.72
*	11000.00	Peak	H	-	-74.22	15.51	48.29	73.98	-25.69
*	16500.00	Peak	H	-	-73.64	21.05	54.41	68.20	-13.79

Table 7-249. Radiated Measurements CDD/SDM Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11160.00	Average	H	-	-84.77	14.84	37.07	53.98	-16.91
*	11160.00	Peak	H	-	-73.23	14.84	48.61	73.98	-25.37
*	16740.00	Peak	H	-	-74.66	21.26	53.60	68.20	-14.60

Table 7-250. Radiated Measurements CDD/SDM Diversity (RU242)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS11</u>
RU Index:	<u>61</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5720MHz</u>
Channel:	<u>144</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11440.00	Average	H	-	-85.55	15.72	37.17	53.98	-16.81
*	11440.00	Peak	H	-	-74.19	15.72	48.53	73.98	-25.45
*	17160.00	Peak	H	-	-73.68	21.03	54.35	68.20	-13.85

Table 7-251. Radiated Measurements CDD/SDM Diversity (RU242)

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS11</u>
RU Index:	<u>61</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5745MHz</u>
Channel:	<u>149</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11490.00	Average	H	-	-85.46	15.69	37.23	53.98	-16.75
*	11490.00	Peak	H	-	-73.77	15.69	48.92	73.98	-25.06
*	17235.00	Peak	H	-	-74.42	20.90	53.48	68.20	-14.72

Table 7-252. Radiated Measurements CDD/SDM Diversity (RU242)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device				

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11570.00	Average	H	-	-84.88	15.45	37.57	53.98	-16.41
*	11570.00	Peak	H	-	-73.37	15.45	49.08	73.98	-24.90
*	17355.00	Peak	H	-	-73.46	20.67	54.21	68.20	-13.99

Table 7-253. Radiated Measurements CDD/SDM Diversity (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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11650.00	Average	H	-	-84.94	15.93	37.99	53.98	-15.99
*	11650.00	Peak	H	-	-73.30	15.93	49.63	73.98	-24.35
*	17475.00	Peak	H	-	-73.32	20.70	54.38	68.20	-13.82

Table 7-254. Radiated Measurements CDD/SDM Diversity (RU242)

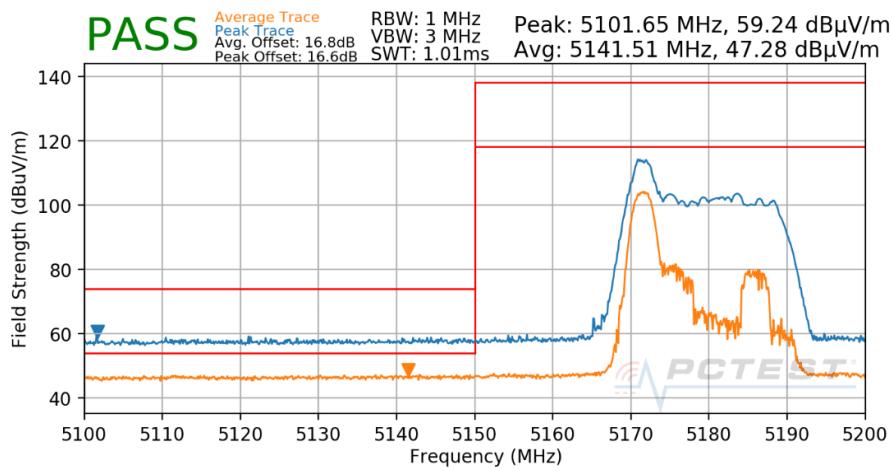
FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

7.6.6 Antenna 2b Radiated Band Edge Measurements (20MHz BW)

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

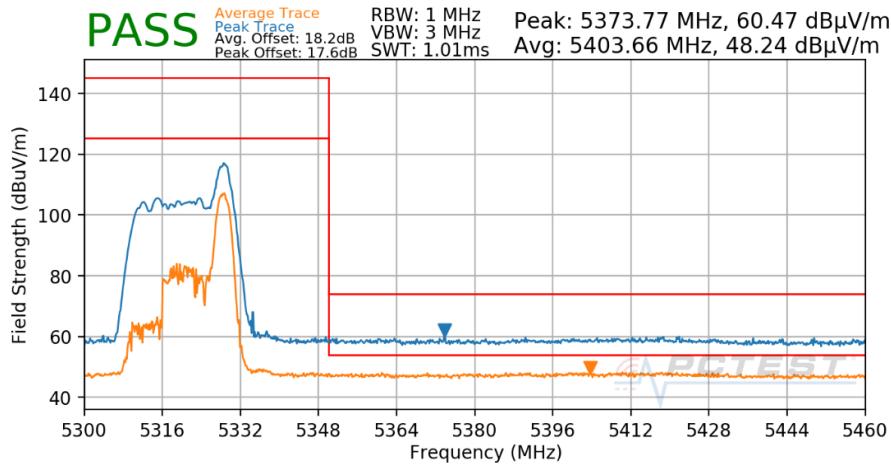
RU26

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36



Plot 7-1347. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 1 – RU26)

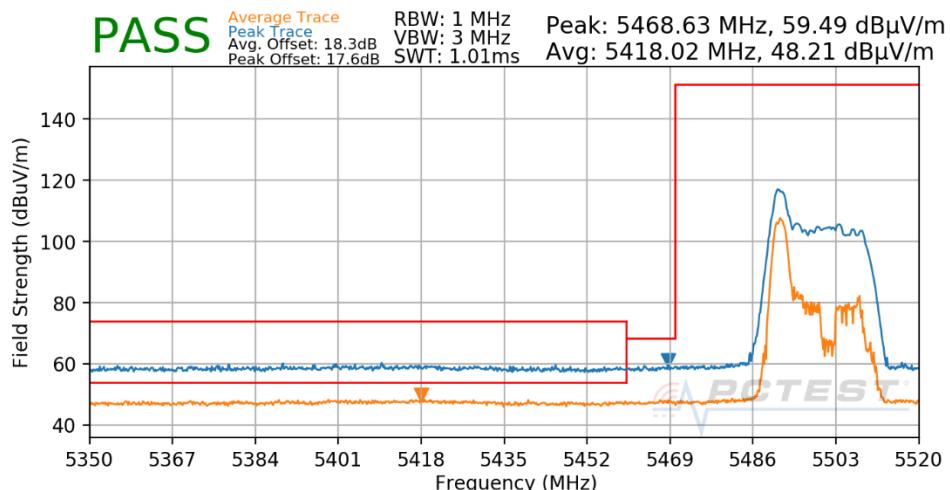
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 8
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64



Plot 7-1348. Radiated Upper Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2A – RU26)

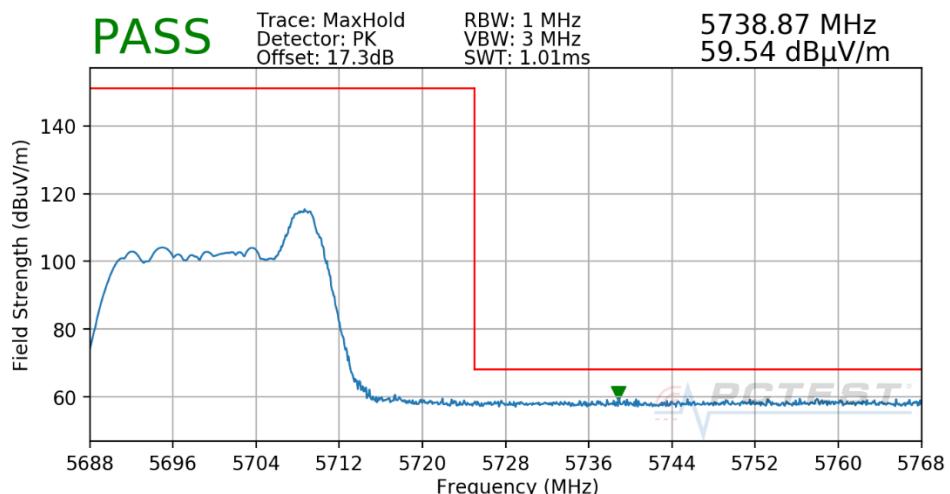
FCC ID: BCGA2072	PCTEST® Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 818 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

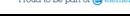


Plot 7-1349. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2C – RU26)

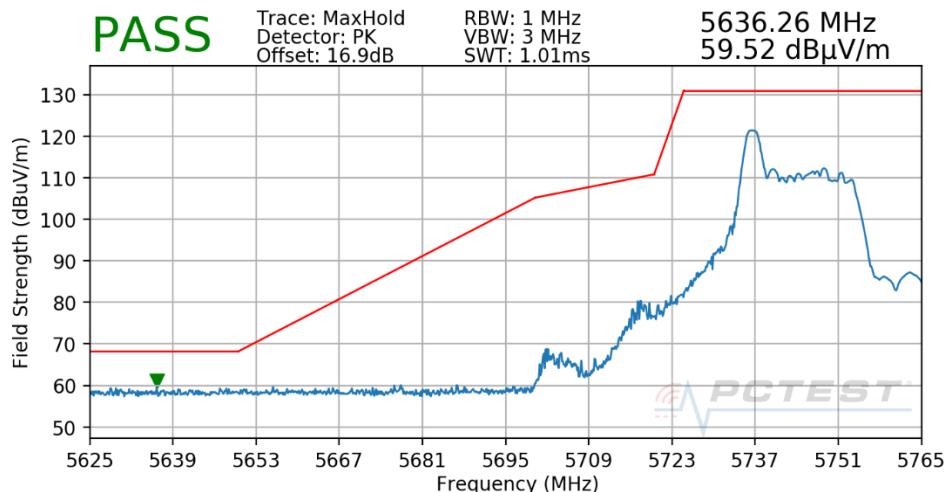
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 8
 Distance of Measurements: 3 Meters
 Operating Frequency: 5700MHz
 Channel: 140



Plot 7-1350. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 2C – RU26)

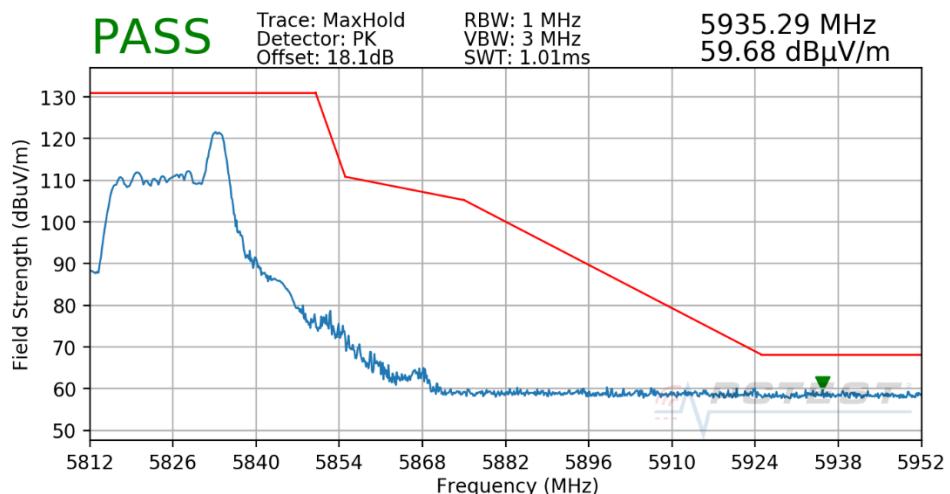
FCC ID: BCGA2072	 PCTEST® Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149



Plot 7-1351. Radiated Lower Band Edge Plot Antenna 2b (Peak – UNII Band 3 – RU26)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 8
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

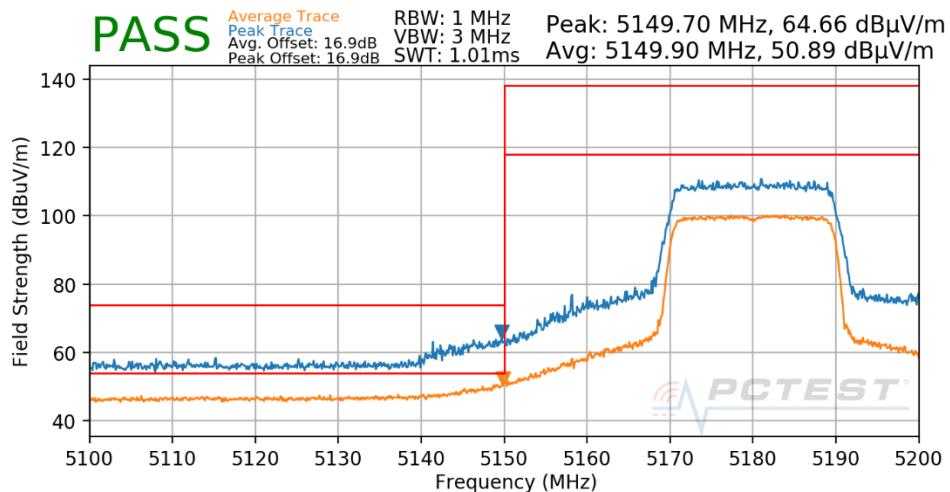


Plot 7-1352. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 3 – RU26)

FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 820 of 958	

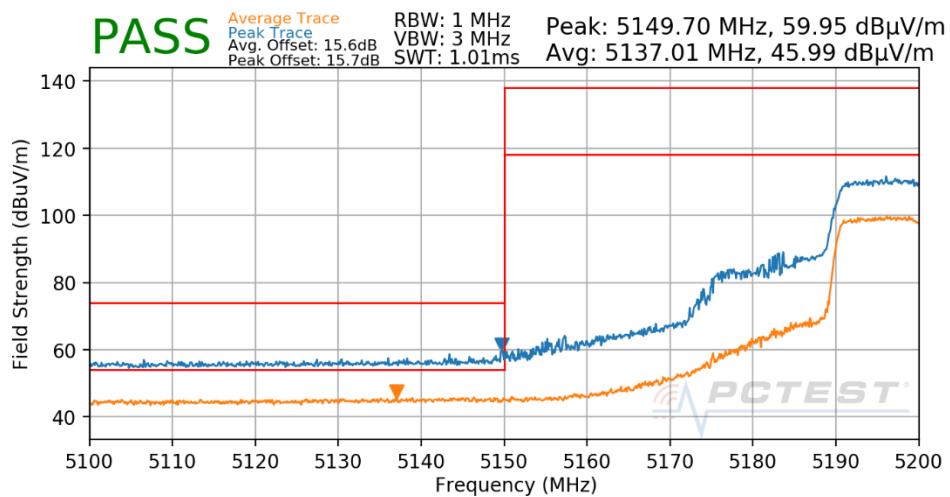
RU242

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36



Plot 7-1353. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 1 – RU242)

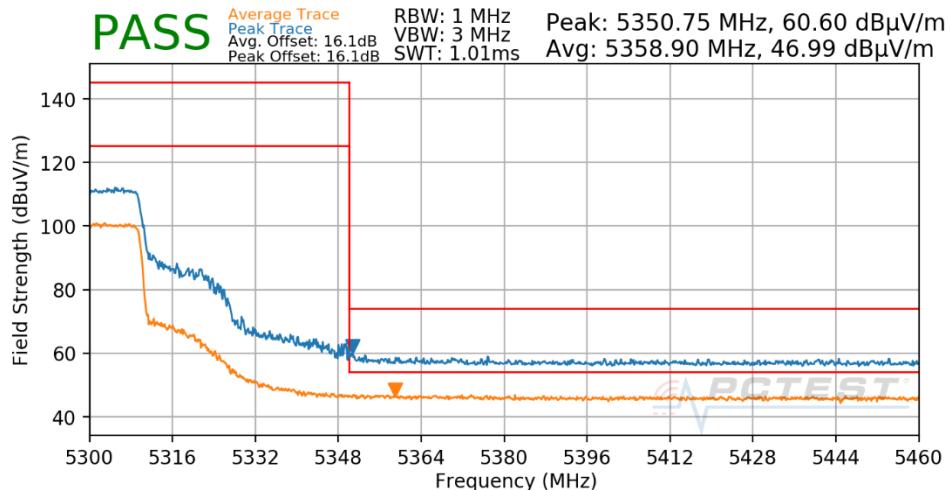
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5200MHz
 Channel: 40



Plot 7-1354. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 1 – RU242)

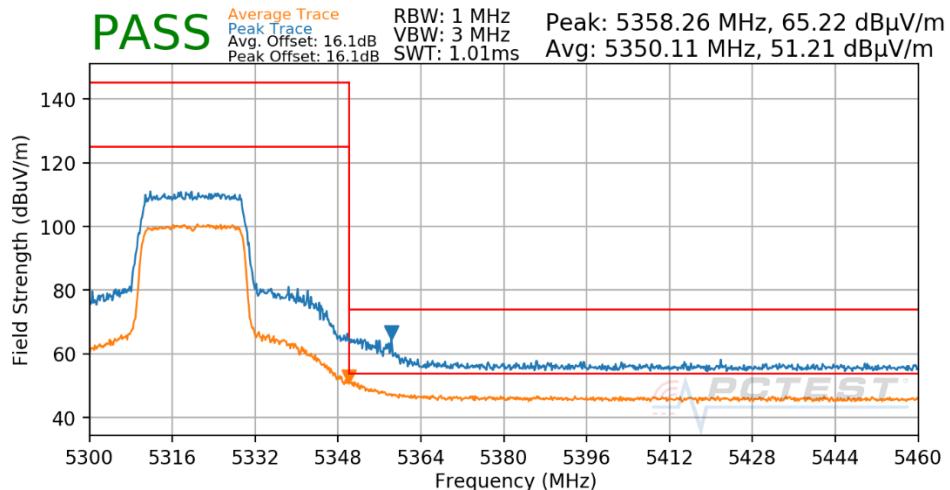
FCC ID: BCGA2072	 PCTEST® Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 821 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5300MHz
 Channel: 60



Plot 7-1355. Radiated Upper Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2A – RU242)

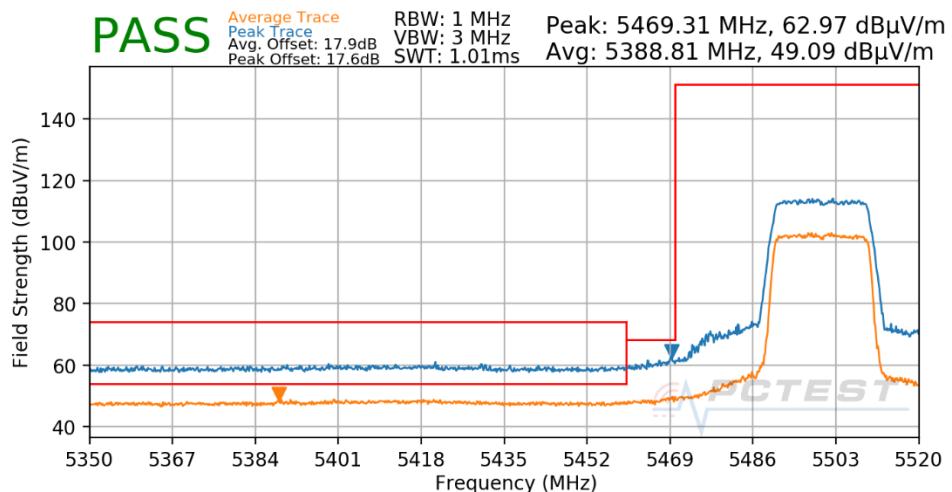
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64



Plot 7-1356. Radiated Upper Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2A – RU242)

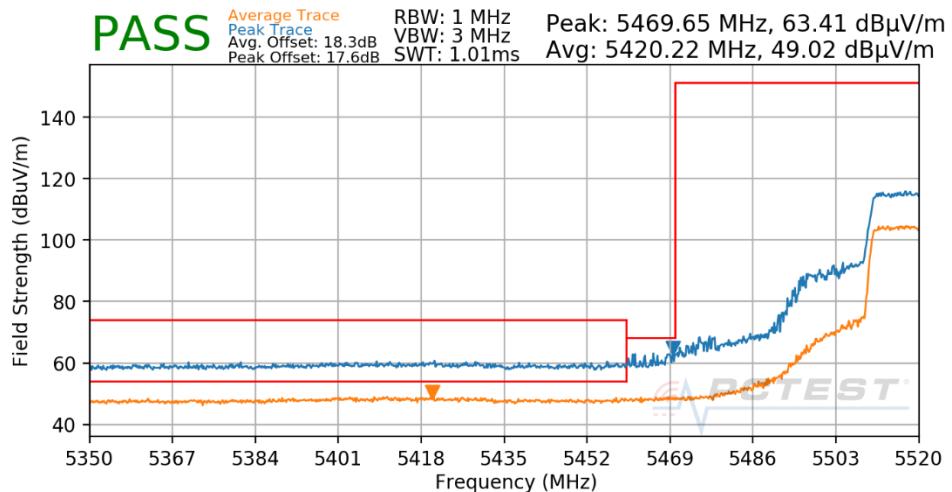
FCC ID: BCGA2072	 <small>Proud to be part of element</small>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 822 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

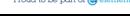


Plot 7-1357. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2C – RU242)

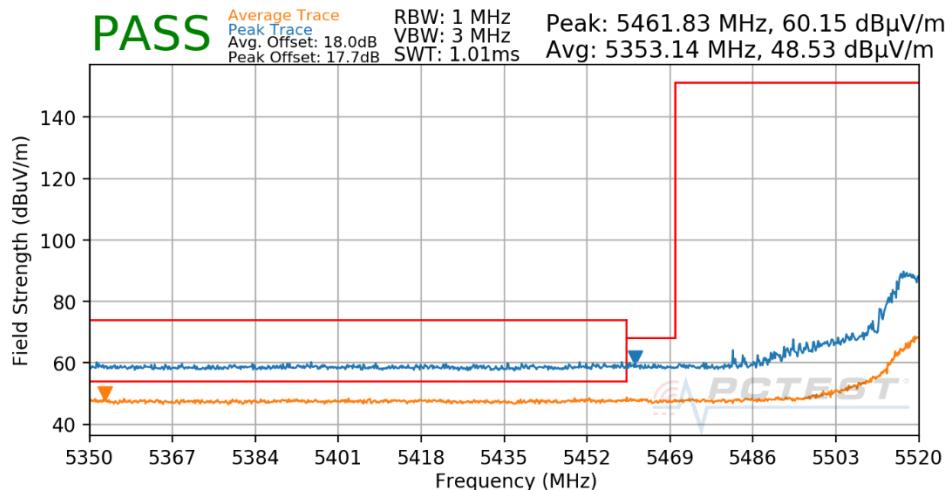
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5520MHz
 Channel: 104



Plot 7-1358. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2C – RU242)

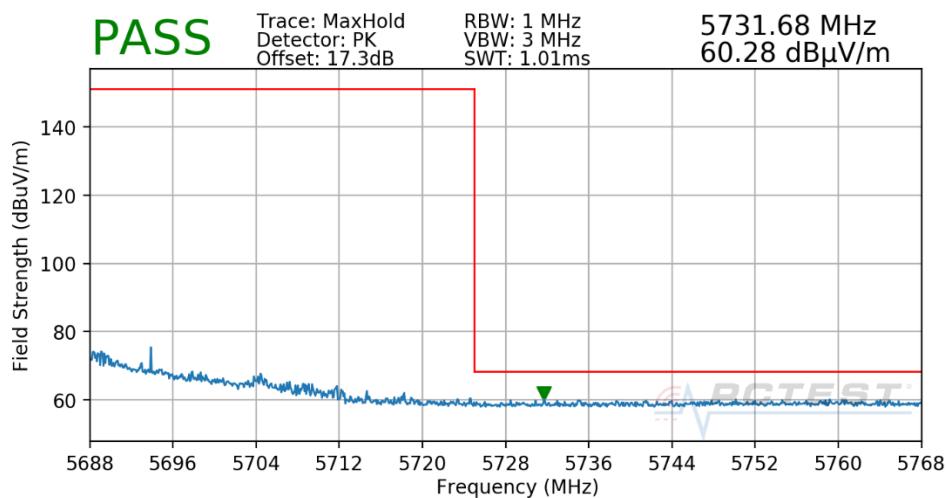
FCC ID: BCGA2072	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 823 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5540MHz
 Channel: 108



Plot 7-1359. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2C – RU242)

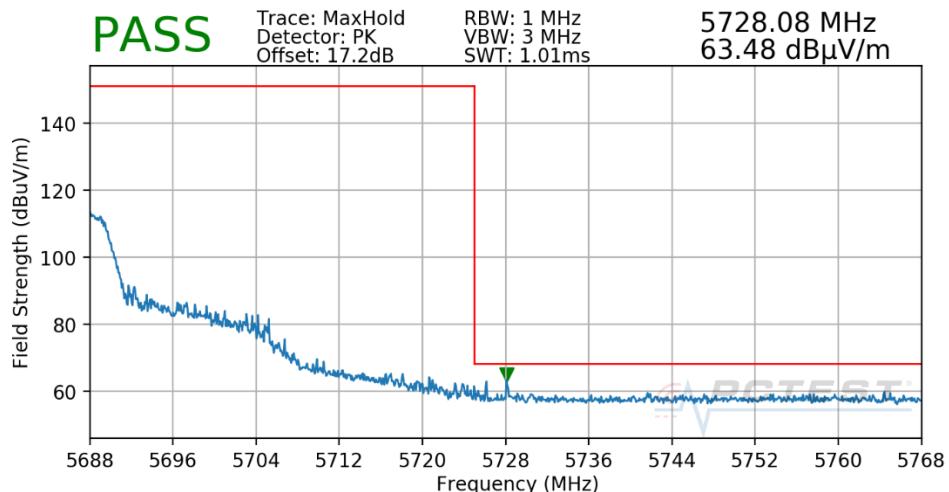
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5640MHz
 Channel: 132



Plot 7-1360. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 2C – RU242)

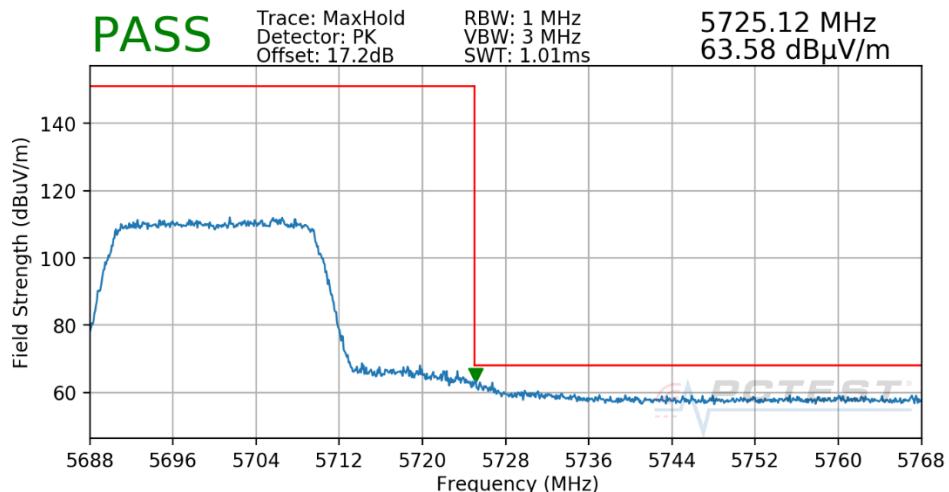
FCC ID: BCGA2072	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 824 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5680MHz
 Channel: 136



Plot 7-1361. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 2C – RU242)

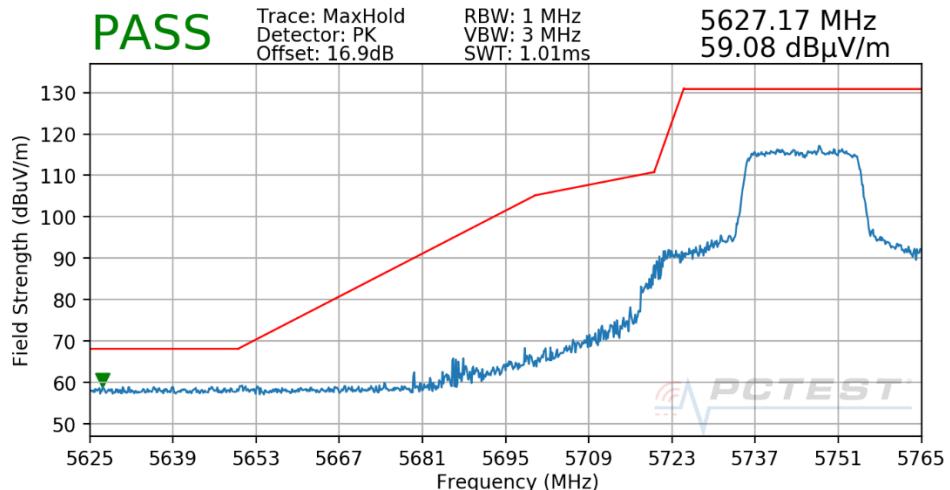
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5700MHz
 Channel: 140



Plot 7-1362. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 2C – RU242)

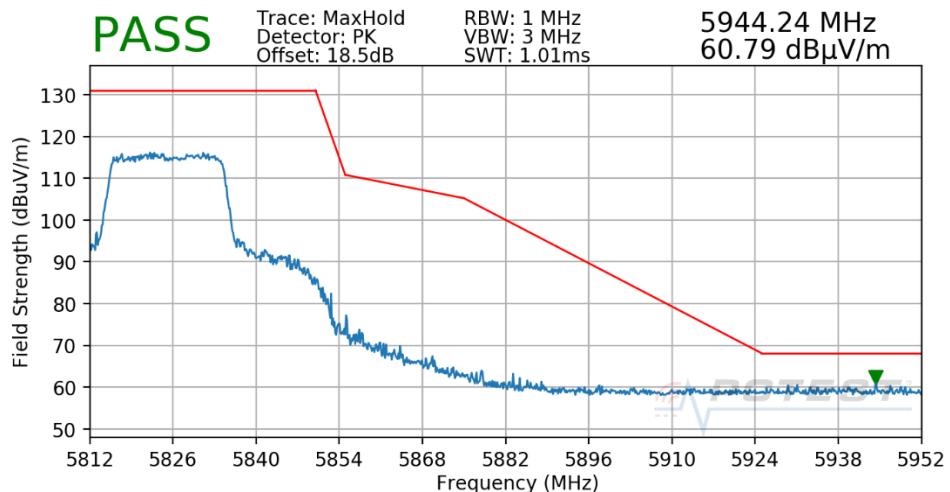
FCC ID: BCGA2072	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 825 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149



Plot 7-1363. Radiated Lower Band Edge Plot Antenna 2b (Peak – UNII Band 3 – RU242)

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



Plot 7-1364. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 3 – RU242)

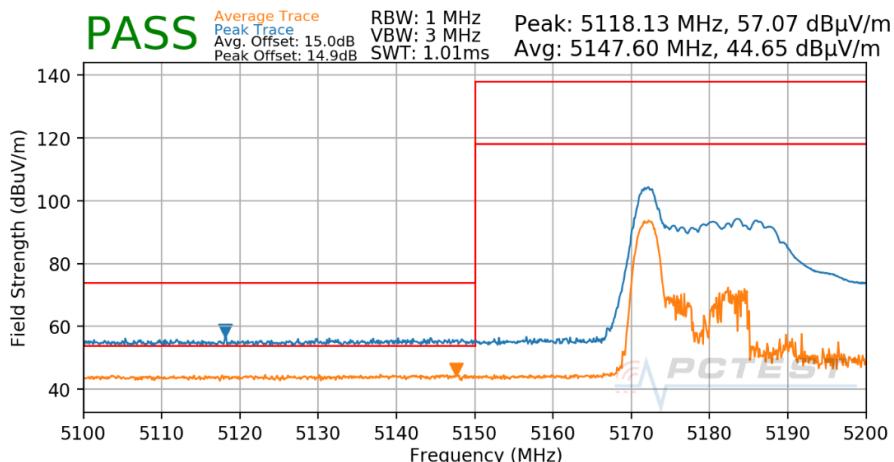
FCC ID: BCGA2072	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 826 of 958	

7.6.7 Antenna 2b Radiated Band Edge Measurements (40MHz BW)

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

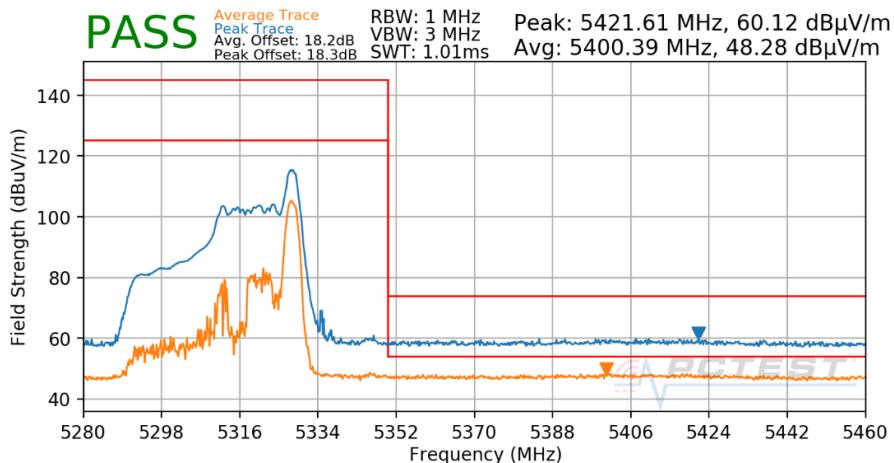
RU26

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5190MHz
 Channel: 38



Plot 7-1365. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 1 – RU26)

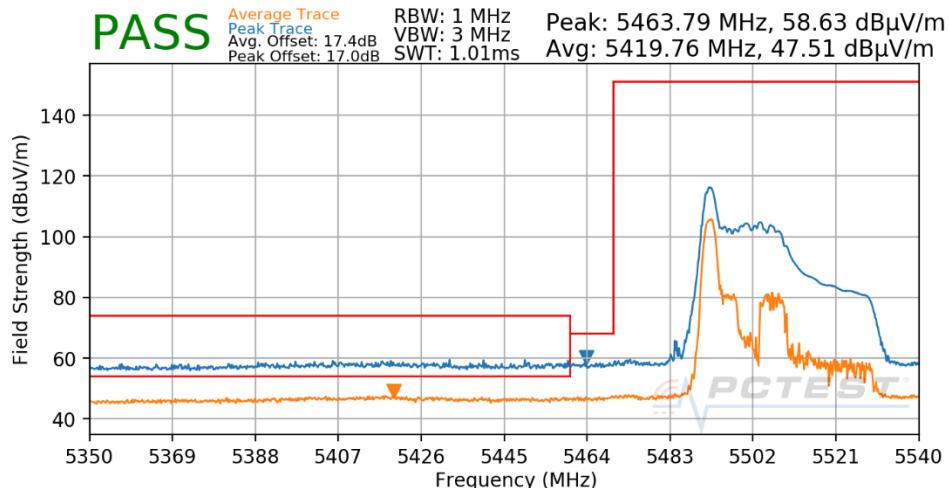
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 17
 Distance of Measurements: 3 Meters
 Operating Frequency: 5310MHz
 Channel: 62



Plot 7-1366. Radiated Upper Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2A – RU26)

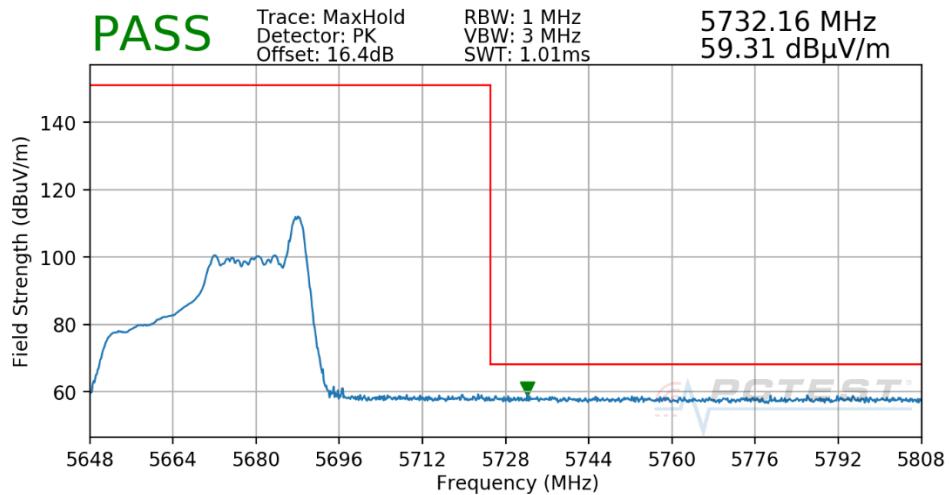
FCC ID: BCGA2072	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 827 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

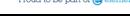


Plot 7-1367. Radiated Lower Band Edge Plot Antenna 2b (Peak & Average – UNII Band 2C – RU26)

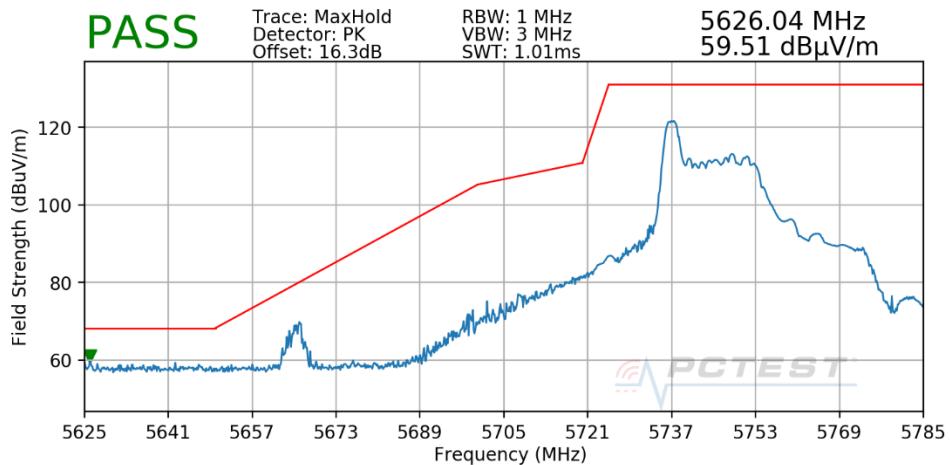
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 17
 Distance of Measurements: 3 Meters
 Operating Frequency: 5670MHz
 Channel: 134



Plot 7-1368. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 2C – RU26)

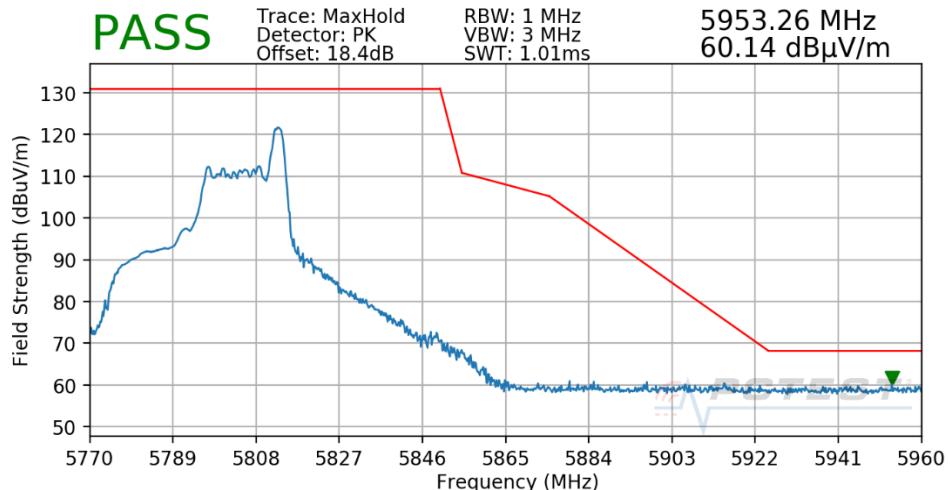
FCC ID: BCGA2072	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 828 of 958	

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5755MHz
 Channel: 151



Plot 7-1369. Radiated Lower Band Edge Plot Antenna 2b (Peak – UNII Band 3 – RU26)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 RU Index: 17
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



Plot 7-1370. Radiated Upper Band Edge Plot Antenna 2b (Peak – UNII Band 3 – RU26)

FCC ID: BCGA2072	PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270030-13.BCG	Test Dates: 07/16/2020 - 09/08/2020	EUT Type: Tablet Device	Page 829 of 958