

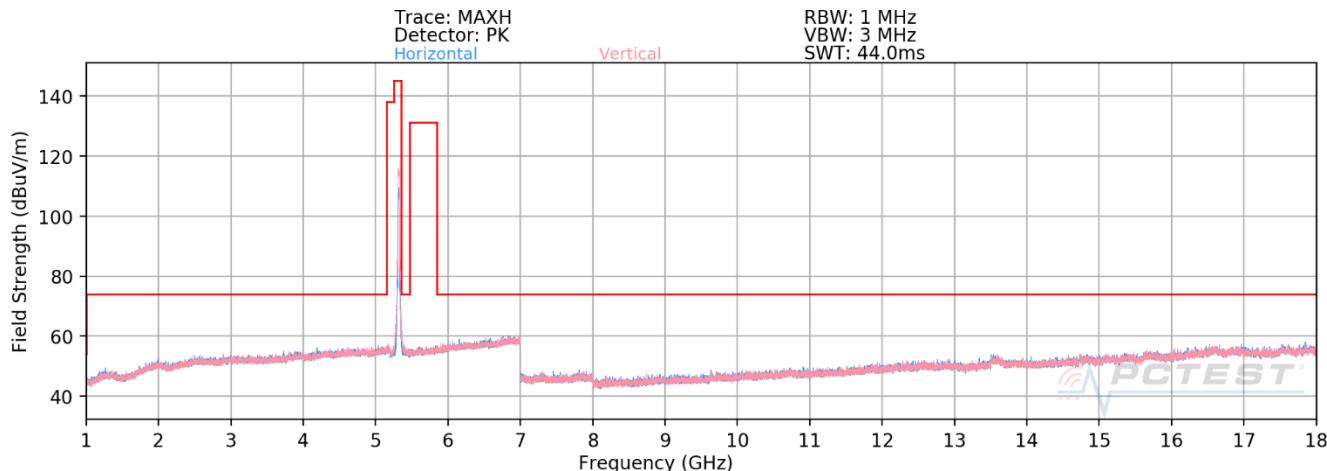
Plot 7-117. Radiated Spurious Emissions 18GHz - 40GHz SDM (802.11n – Ch.56, Pol. V)

Mode: 802.11n
 Data Rate: MCS8
 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	-	-	-	-69.15	15.47	53.32	68.20	-14.88
* 15840.00	Average	-	-	-	-80.81	20.34	46.53	53.98	-7.44
* 15840.00	Peak	-	-	-	-69.56	20.34	57.78	73.98	-16.19

Table 7-64. Radiated Measurements SDM

FCC ID: BCGA2603 IC: 579C-A2603	 PCTEST[®] Proud to be part of element			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device			



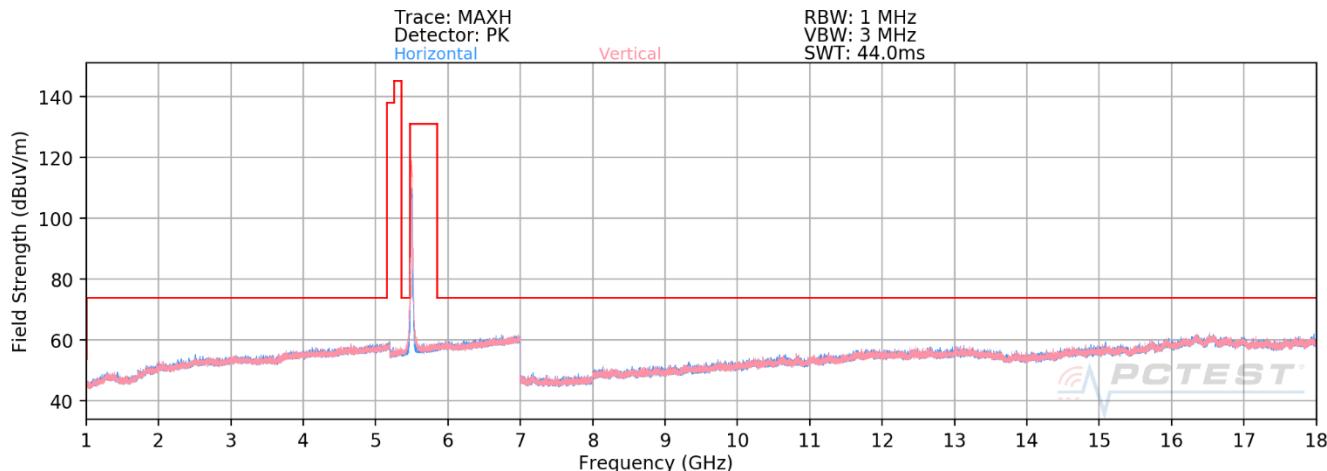
Plot 7-118. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 64)

Mode: 802.11n
Data Rate: MCS8
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	-	-	-	-80.94	15.75	41.81	53.98	-12.17
* 10640.00	Peak	-	-	-	-69.78	15.75	52.97	73.98	-21.01
* 15960.00	Average	-	-	-	-81.26	21.28	47.02	53.98	-6.96
* 15960.00	Peak	-	-	-	-69.49	21.28	58.79	73.98	-15.19

Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device			



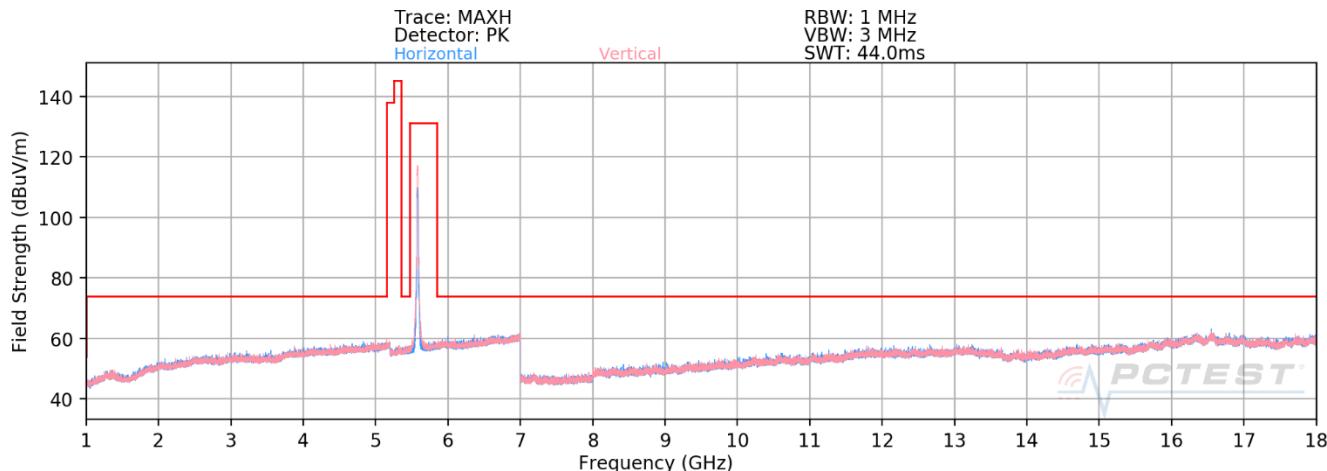
Plot 7-119. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 100)

Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

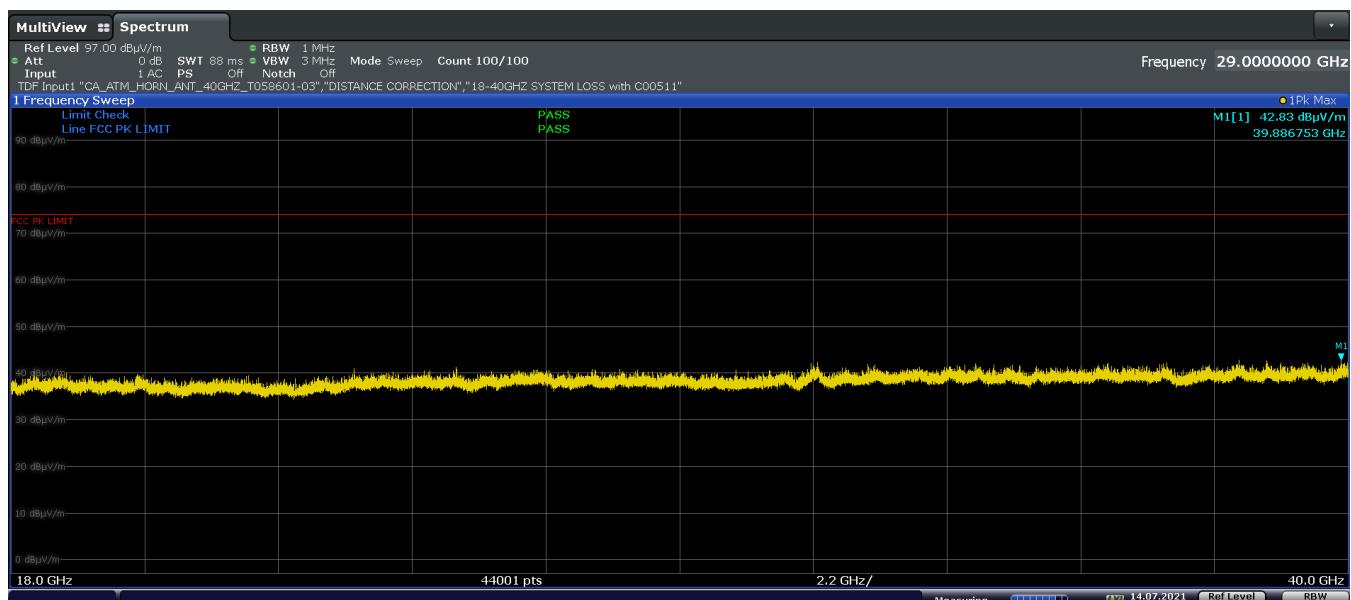
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11000.00	Average	-	-	-	-81.53	16.10	41.57	53.98	-12.41
* 11000.00	Peak	-	-	-	-70.35	16.10	52.75	73.98	-21.23
16500.00	Peak	-	-	-	-69.11	21.77	59.66	68.20	-8.54

Table 7-66. Radiated Measurements CDD

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device			

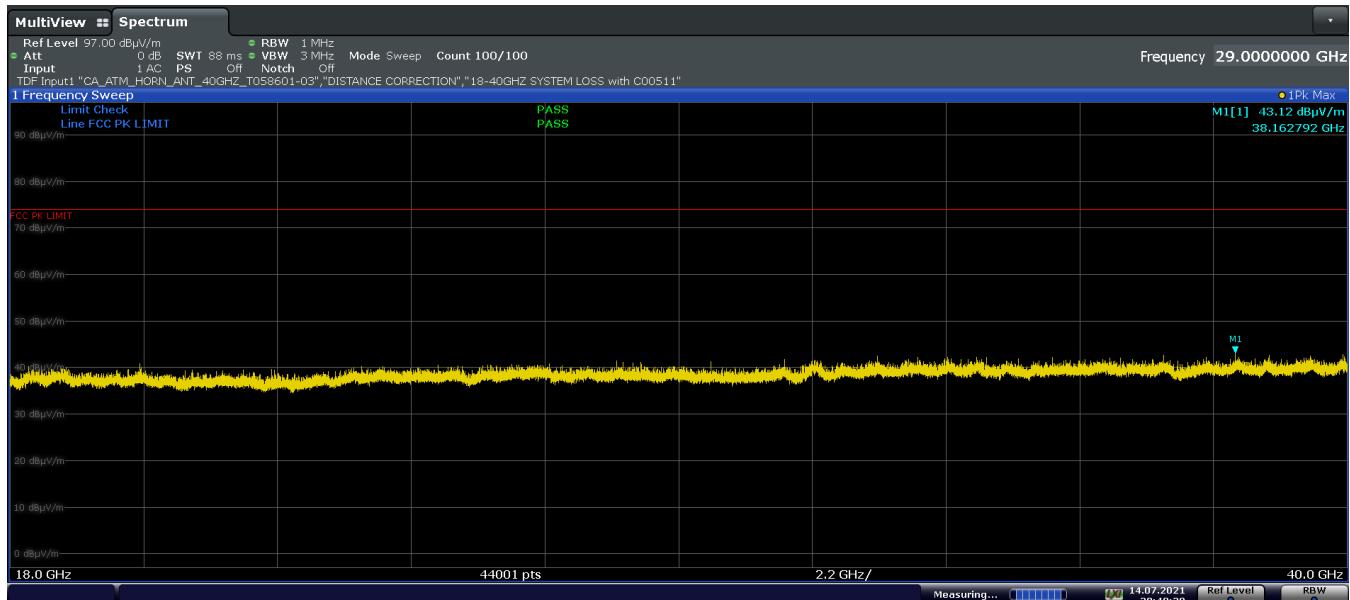


Plot 7-120. Radiated Spurious Emissions above 1GHz SDM (802.11n – Ch. 116)



Plot 7-121. Radiated Spurious Emissions 18GHz - 40GHz SDM (802.11n – Ch.116, Pol. H)

FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 95 of 156

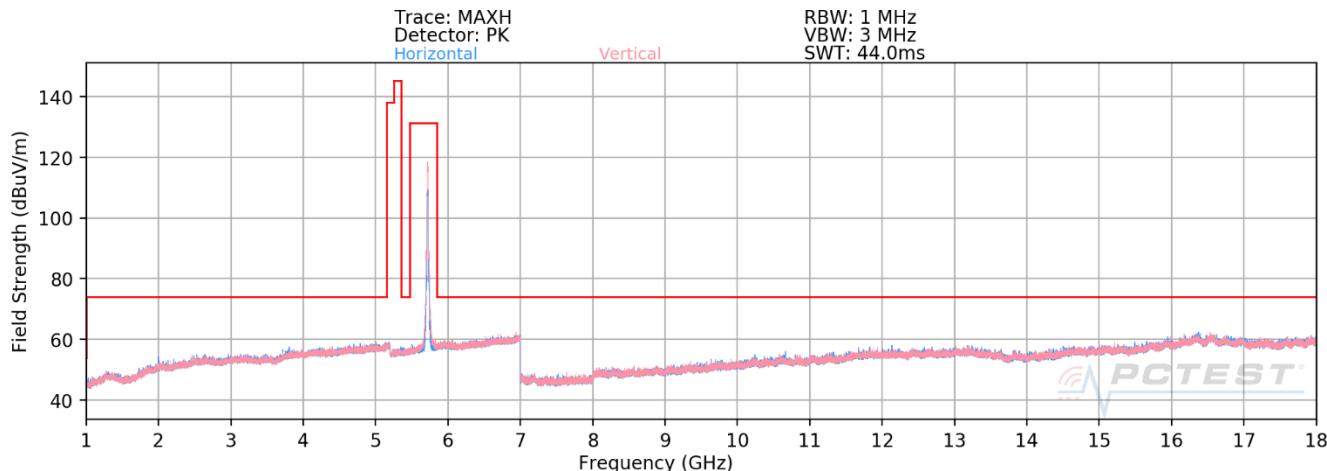

Plot 7-122. Radiated Spurious Emissions 18GHz - 40GHz SDM (802.11n – Ch.116, Pol. V)

Mode: 802.11n
Data Rate: MCS8
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	-	-	-	-80.83	15.67	41.84	53.98	-12.14
11160.00	Peak	-	-	-	-69.48	15.67	53.19	73.98	-20.79
16740.00	Peak	-	-	-	-69.92	22.01	59.09	68.20	-9.11

Table 7-67. Radiated Measurements SDM

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		



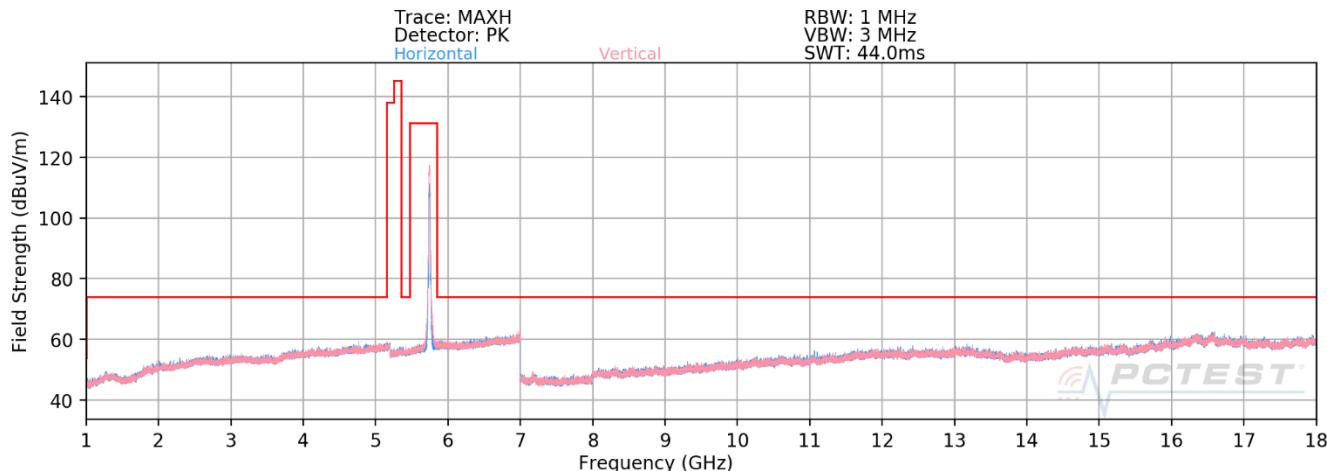
Plot 7-123. Radiated Spurious Emissions above 1GHz SDM (802.11n – Ch. 144)

Mode: 802.11n
Data Rate: MCS8
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	-	-	-	-81.03	16.35	42.32	53.98	-11.65
* 11440.00	Peak	-	-	-	-69.81	16.35	53.54	73.98	-20.43
17160.00	Peak	-	-	-	-70.01	21.45	58.44	68.20	-9.76

Table 7-68. Radiated Measurements SDM

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device			



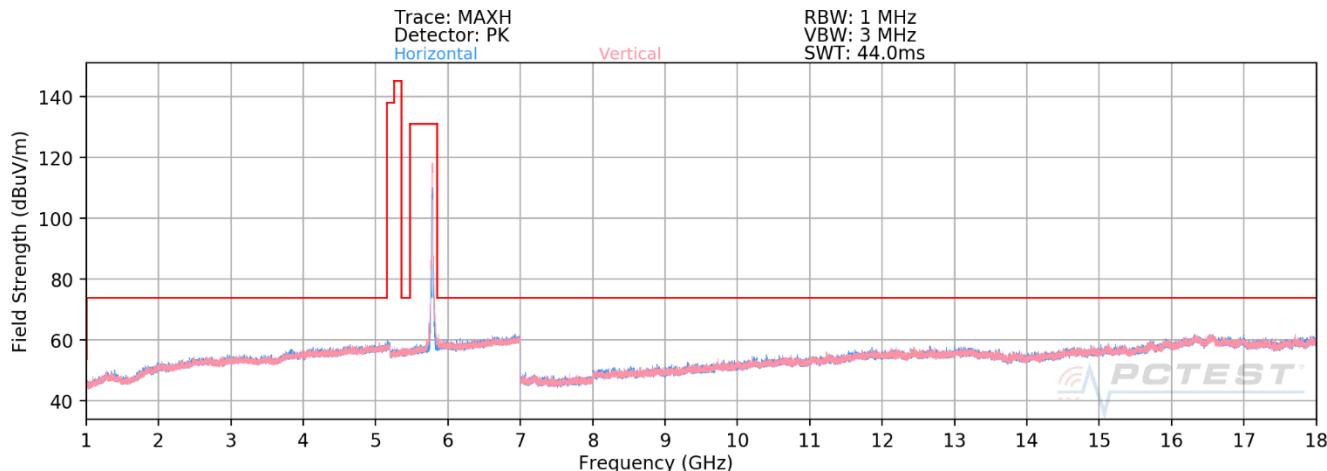
Plot 7-124. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 149)

Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 5745MHz
Channel: 149

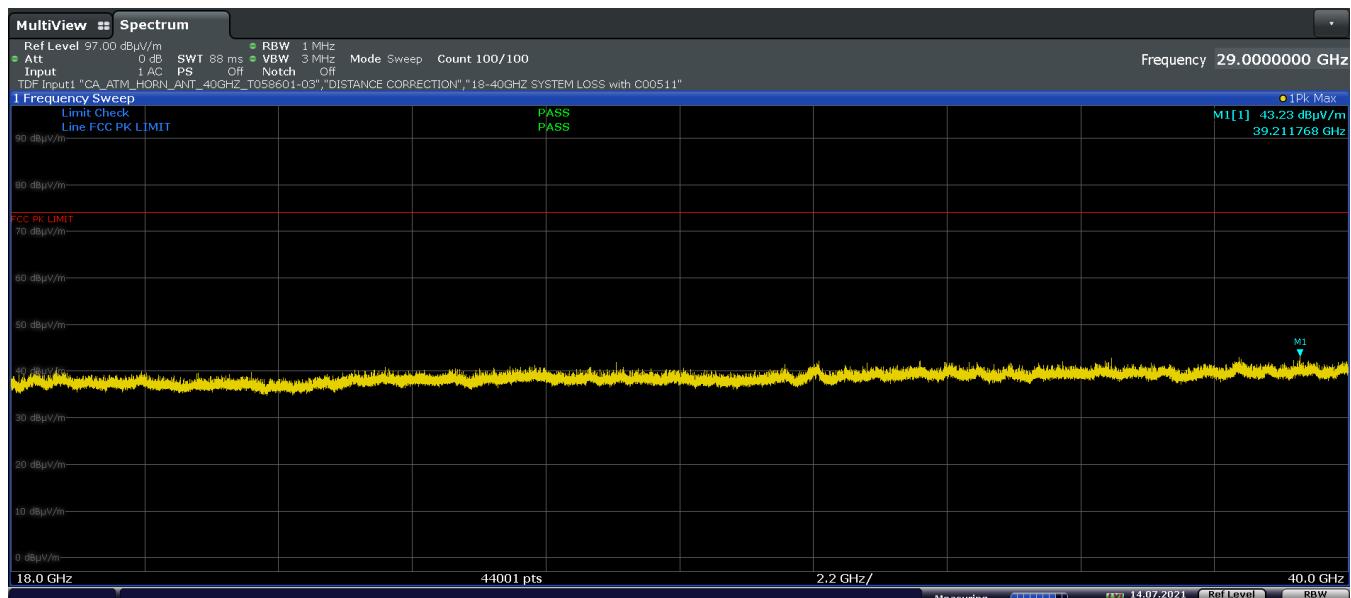
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11490.00	Average	-	-	-	-80.48	16.29	42.81	53.98	-11.17
* 11490.00	Peak	-	-	-	-69.92	16.29	53.37	73.98	-20.61
17235.00	Peak	-	-	-	-69.64	21.52	58.88	68.20	-9.32

Table 7-69. Radiated Measurements CDD

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 98 of 156	

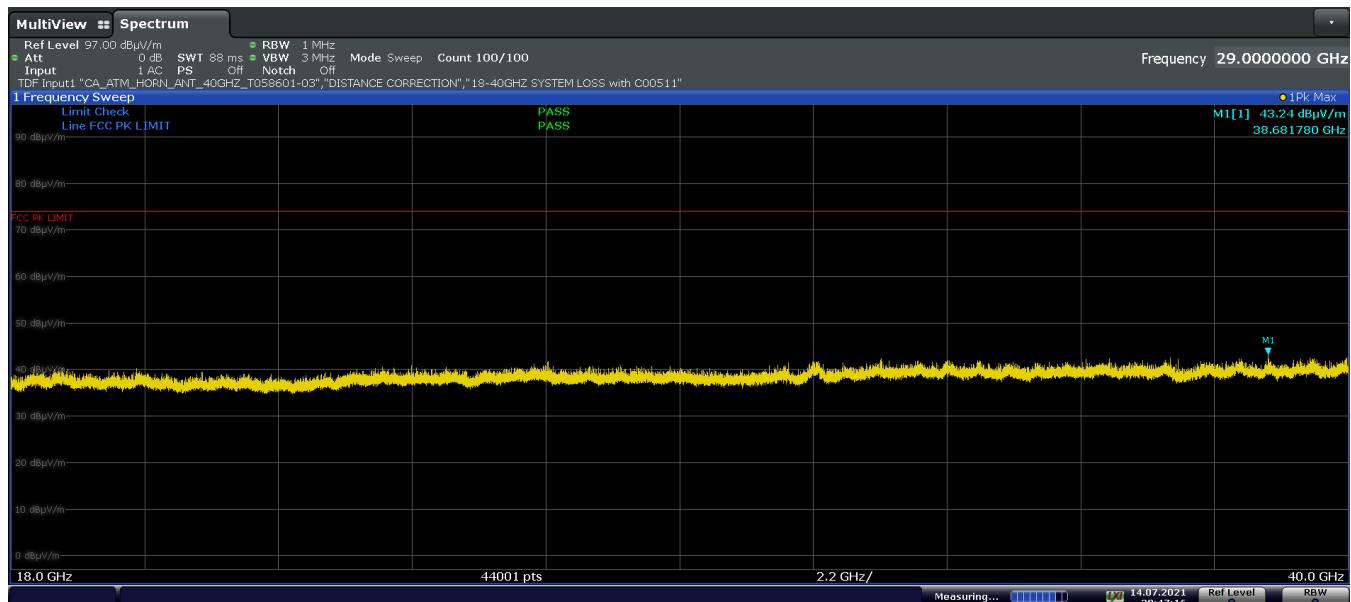


Plot 7-125. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 157)



Plot 7-126. Radiated Spurious Emissions 18GHz - 40GHz CDD (802.11n – Ch.157, Pol. H)

FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 99 of 156	

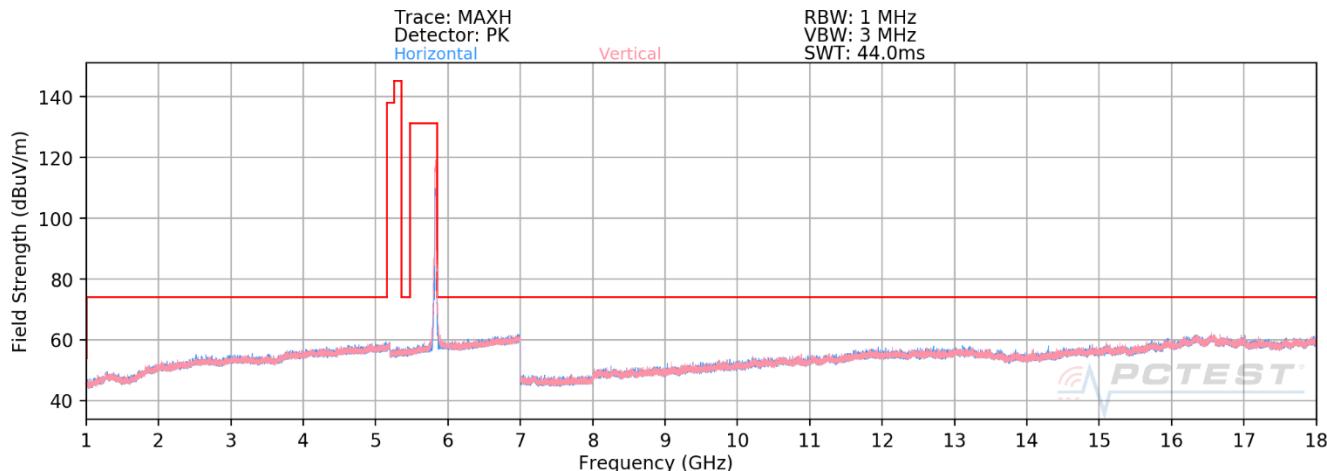


Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 5785MHz
Channel: 157

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	-	-	-	-80.47	16.18	42.71	53.98	-11.27
11570.00	Peak	-	-	-	-68.92	16.18	54.26	73.98	-19.72
17355.00	Peak	-	-	-	-69.12	21.50	59.38	68.20	-8.82

Table 7-70. Radiated Measurements CDD

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device			Page 100 of 156



Plot 7-128. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 165)

Mode: 802.11n
Data Rate: MCS8
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	-	-	-	-80.43	16.84	43.41	53.98	-10.57
11650.00	Peak	-	-	-	-69.27	16.84	54.57	73.98	-19.41
17475.00	Peak	-	-	-	-69.85	21.37	58.52	68.20	-9.68

Table 7-71. Radiated Measurements CDD

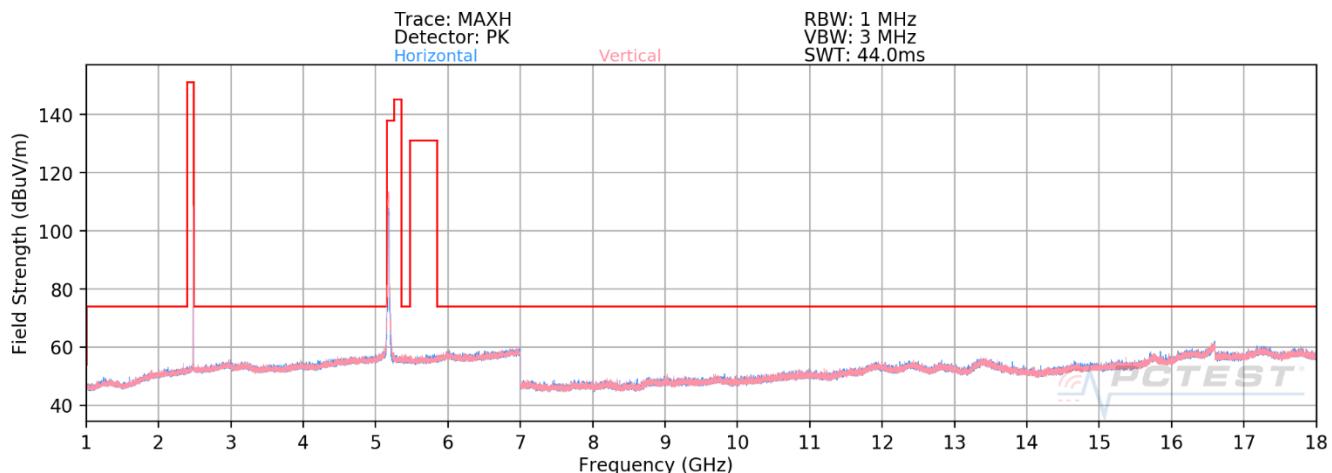
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 101 of 156	

7.6.4 Simultaneous Tx Radiated Spurious Emissions Measurements

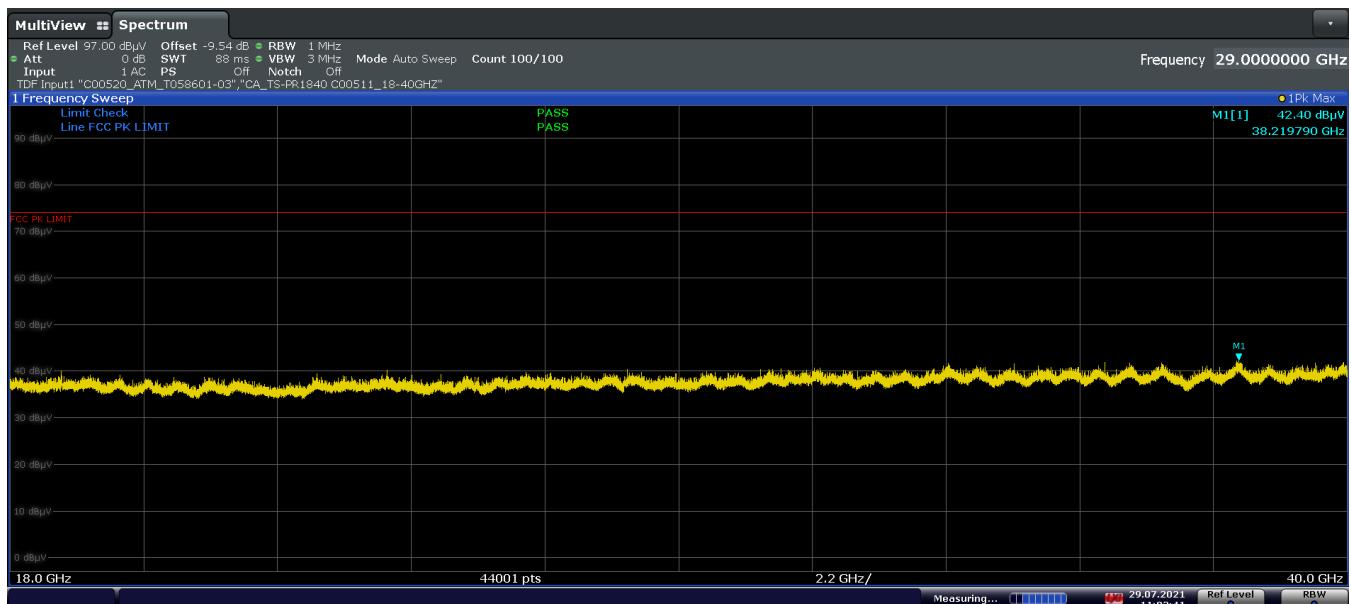
§15.247 §15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Description	Bluetooth	802.11a/n/ac 5GHz
Antenna	A	A
Channel	78	36
Operating Frequency (MHz)	2480	5180
Data Rate (Mbps)	1.0	MCS0
Mode	GFSK/ePa	802.11n

Table 7-72. Worst Case Simultaneous Transmission Configuration

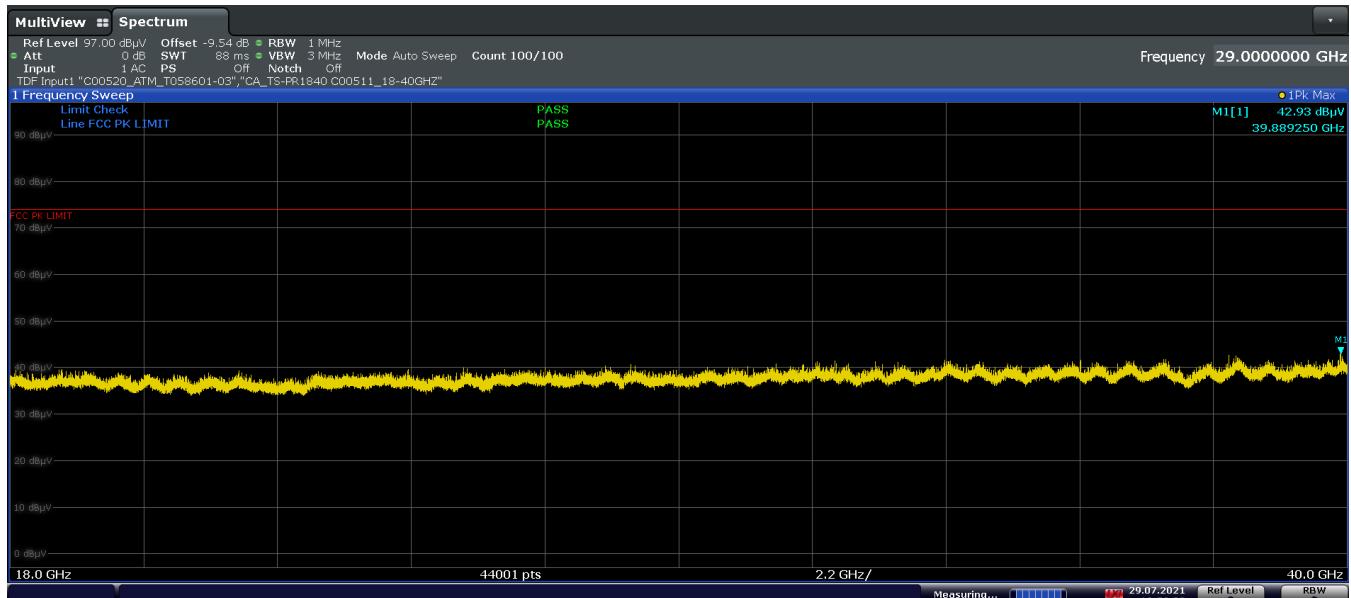


Plot 7-129. Radiated Spurious Emissions Above 1GHz Simultaneous Tx



Plot 7-130. Radiated Spurious Emissions Simultaneous Tx 18-40GHz Pol. H

FCC ID: BCGA2603 IC: 579C-A2603	 PCTEST® Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 102 of 156	



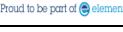
Plot 7-131. Radiated Spurious Emissions Simultaneous Tx 18-40GHz Pol. V

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4960.00	Peak	V	-	-	-68.50	16.06	54.56	73.98	-19.42
7440.00	Peak	V	-	-	-73.02	14.24	48.22	73.98	-25.76
12400.00	Peak	V	-	-	-73.50	20.45	53.95	73.98	-20.02

Table 7-73. Bluetooth Harmonics Emissions Measurements in Simultaneous Transmission Mode

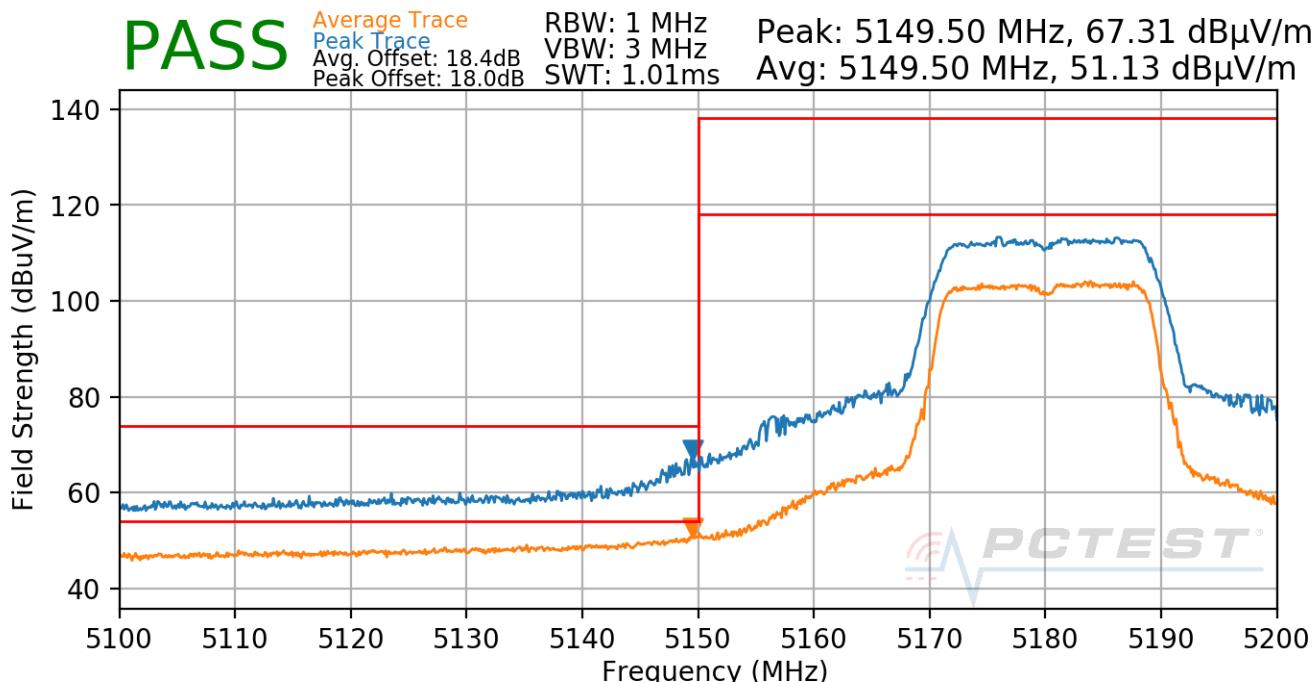
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	V	-	-	-74.16	17.53	50.37	68.20	-17.83
15540.00	Average	V	-	-	-85.98	23.28	44.30	53.98	-9.68
15540.00	Peak	V	-	-	-74.54	23.28	55.74	73.98	-18.24

Table 7-74. UNII Harmonics Emissions Measurements in Simultaneous Transmission Mode

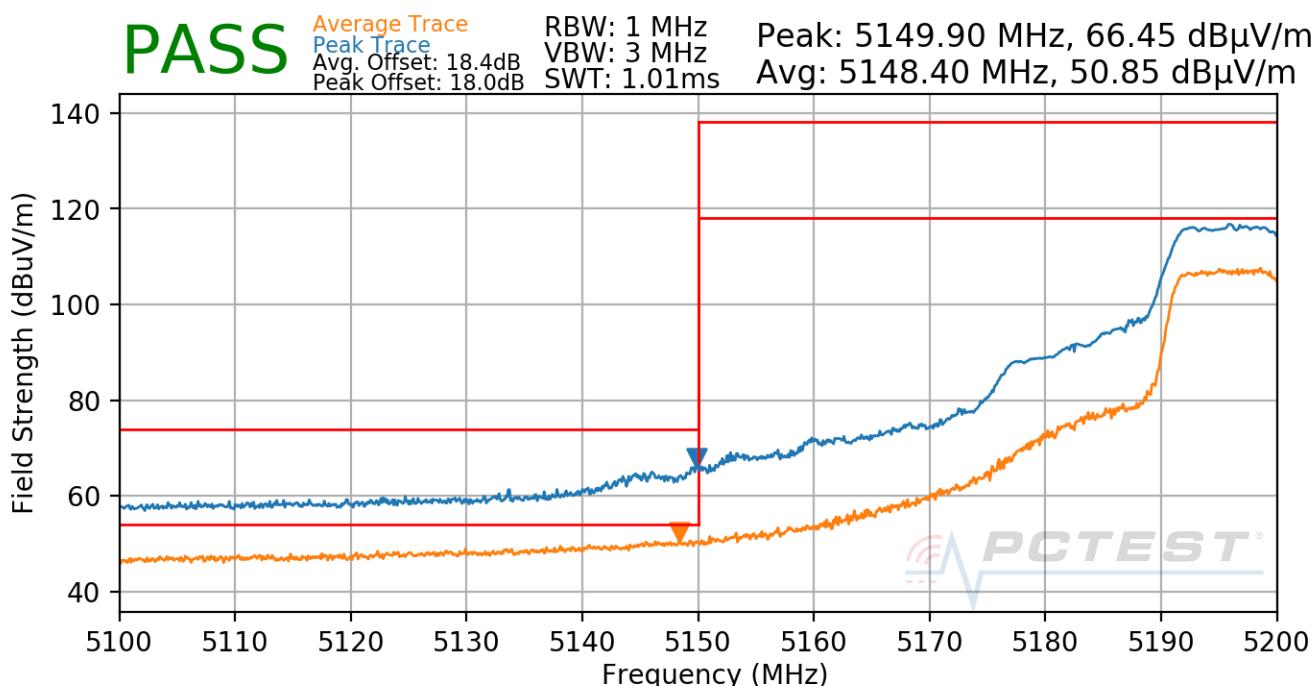
FCC ID: BCGA2603 IC: 579C-A2603	 PCTEST® Proud to be part of  MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 103 of 156	

7.6.5 Antenna A Radiated Band Edge Measurements (20MHz BW)

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



Plot 7-132. Antenna A (Pk & Avg, Ch.36, 802.11n, MCS7)



Plot 7-133. Antenna A (Pk & Avg, Ch.40, 802.11n, MCS7)

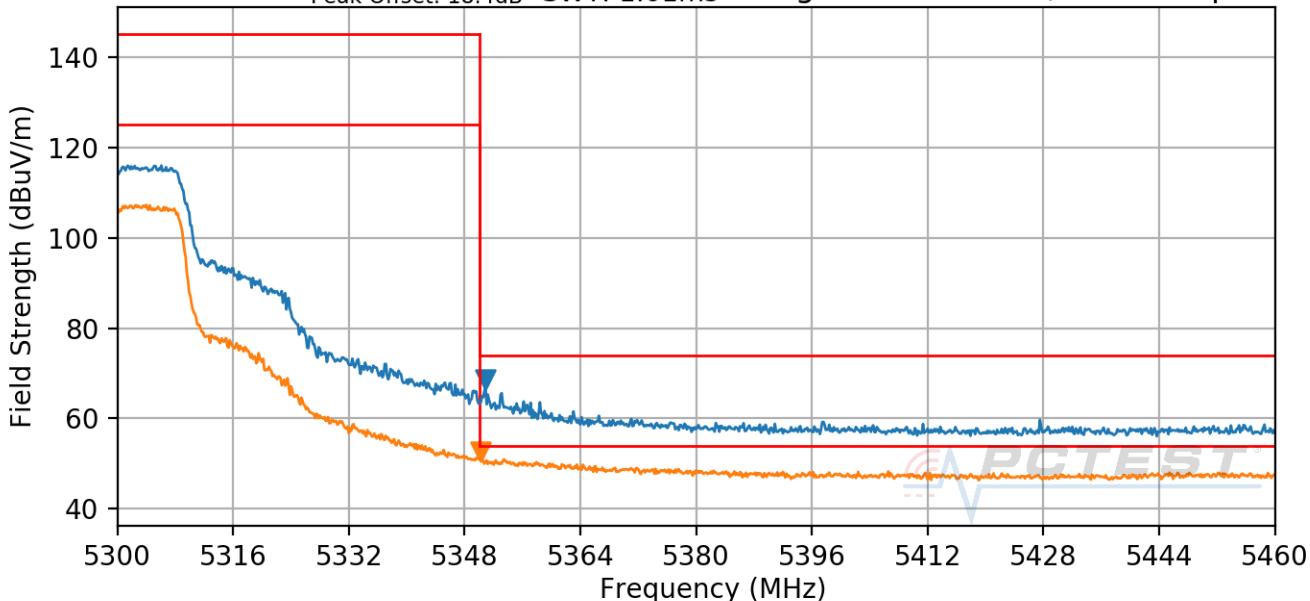
FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 104 of 156

PASS

Average Trace
Peak Trace
Avg. Offset: 18.8dB
Peak Offset: 18.4dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5350.88 MHz, 67.04 dB μ V/m
Avg: 5350.24 MHz, 51.06 dB μ V/m



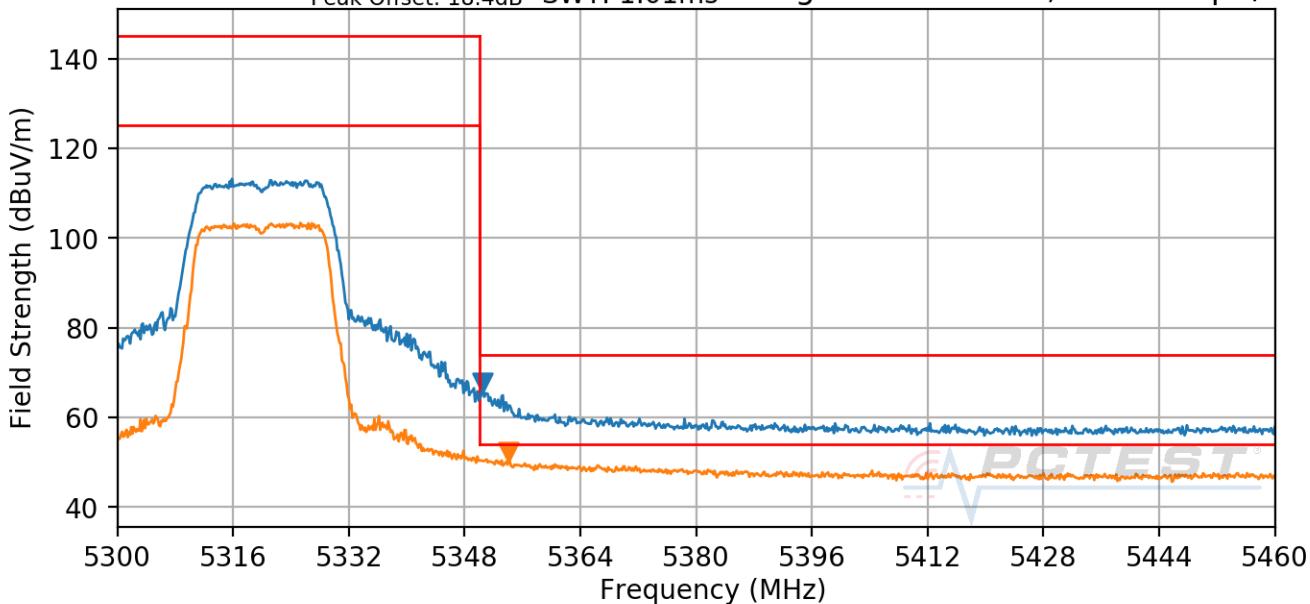
Plot 7-134. Antenna A (Pk & Avg, Ch.60, 802.11n, MCS7)

PASS

Average Trace
Peak Trace
Avg. Offset: 18.8dB
Peak Offset: 18.4dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5350.40 MHz, 66.23 dB μ V/m
Avg: 5354.08 MHz, 50.86 dB μ V/m



Plot 7-135. Antenna A (Pk & Avg, Ch.64, 802.11n, MCS7)

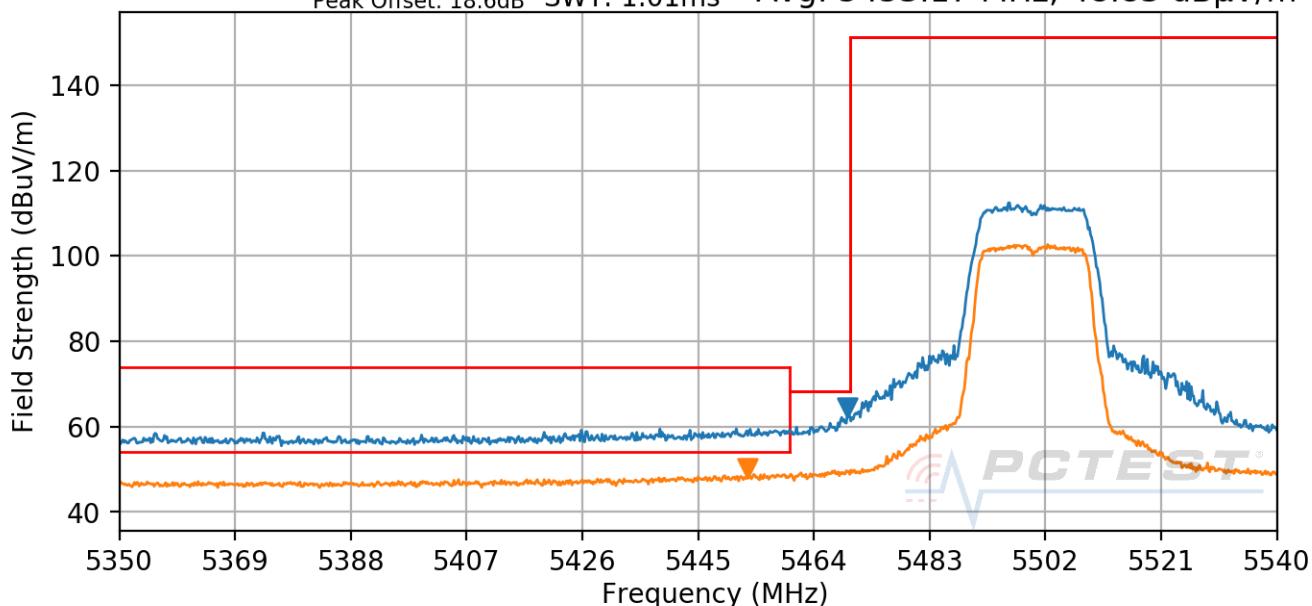
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 105 of 156

PASS

Average Trace
Peak Trace
Avg. Offset: 19.1dB
Peak Offset: 18.6dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5469.51 MHz, 62.97 dB μ V/m
Avg: 5453.17 MHz, 48.83 dB μ V/m



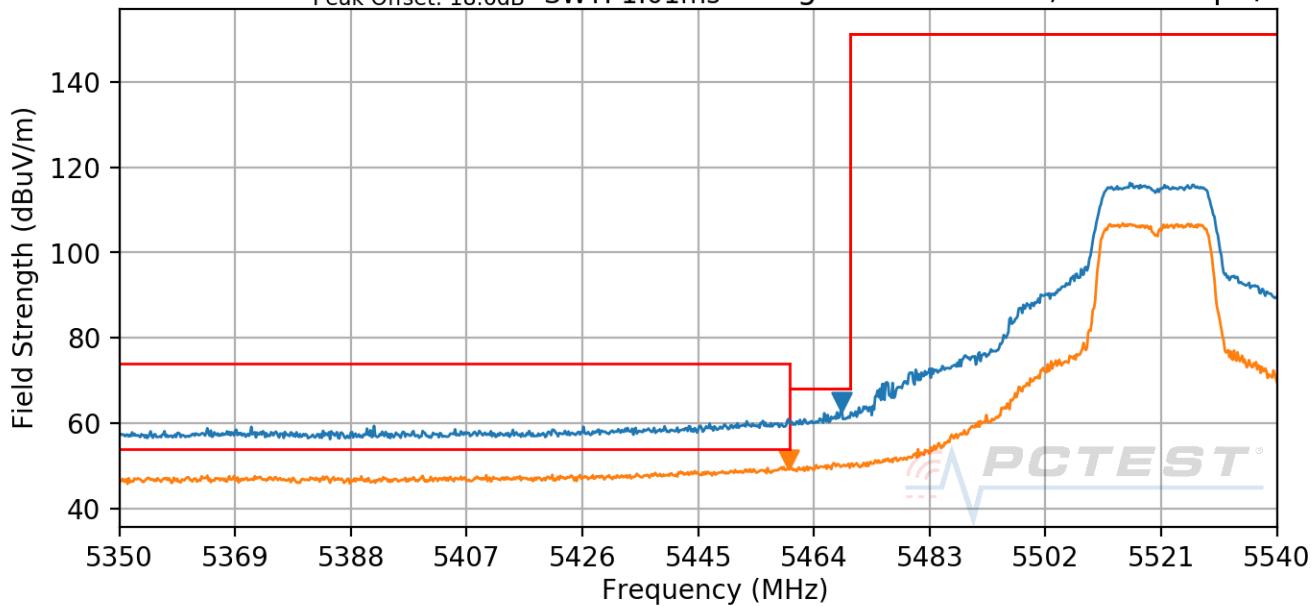
Plot 7-136. Antenna A (Pk & Avg, Ch.100, 802.11n, MCS7)

PASS

Average Trace
Peak Trace
Avg. Offset: 19.1dB
Peak Offset: 18.6dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5468.56 MHz, 63.43 dB μ V/m
Avg: 5459.82 MHz, 49.82 dB μ V/m



Plot 7-137. Antenna A (Pk & Avg, Ch.104, 802.11n, MCS7)

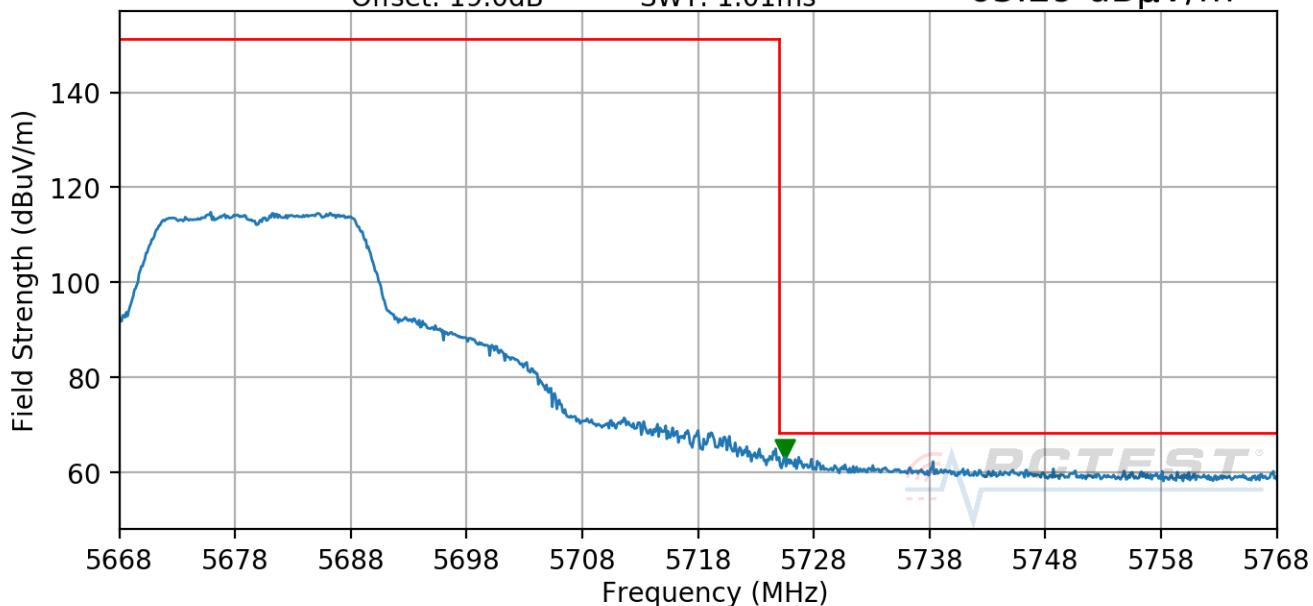
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 106 of 156

PASS

Trace: MaxHold
Detector: PK
Offset: 19.0dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5725.50 MHz
63.29 dB μ V/m



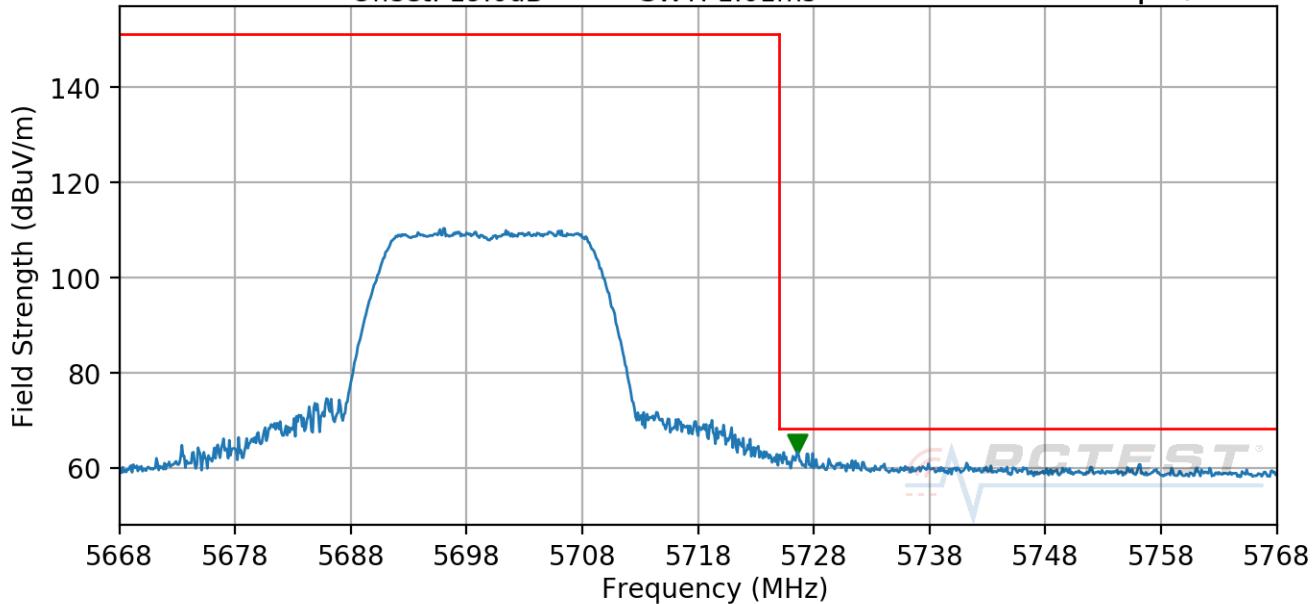
Plot 7-138. Antenna A (Pk, Ch.136, 802.11n, MCS7)

PASS

Trace: MaxHold
Detector: PK
Offset: 19.0dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5726.60 MHz
63.38 dB μ V/m



Plot 7-139. Antenna A (Pk, Ch.140, 802.11n, MCS7)

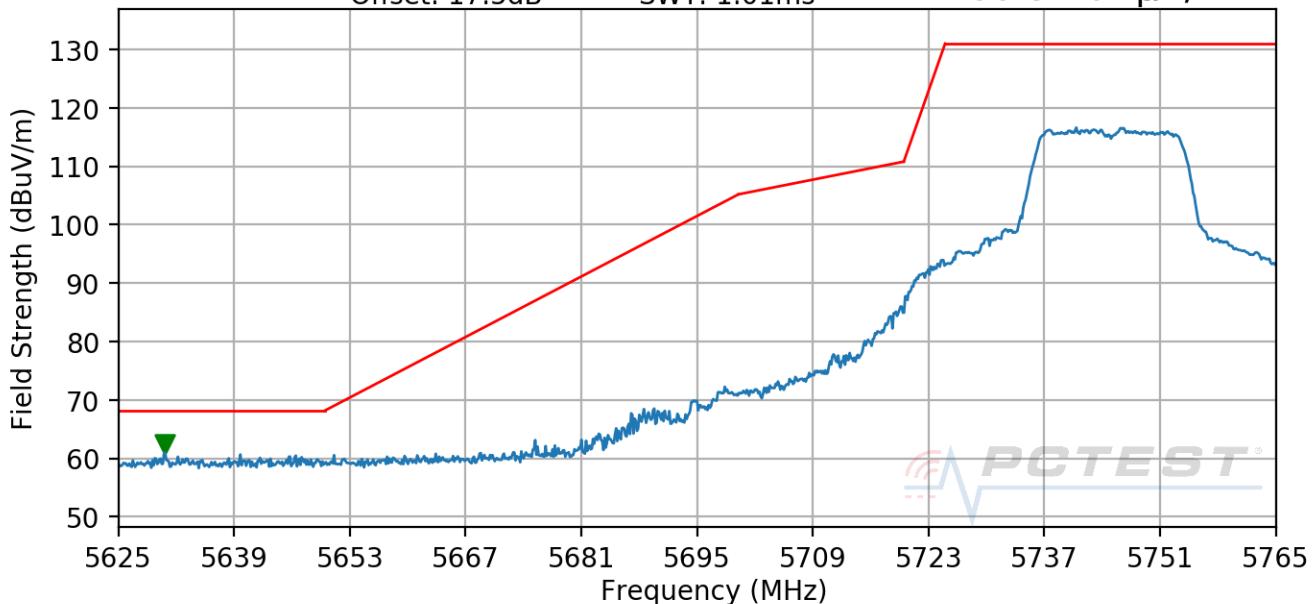
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 107 of 156

PASS

Trace: MaxHold
Detector: PK
Offset: 17.5dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5630.66 MHz
60.97 dB μ V/m



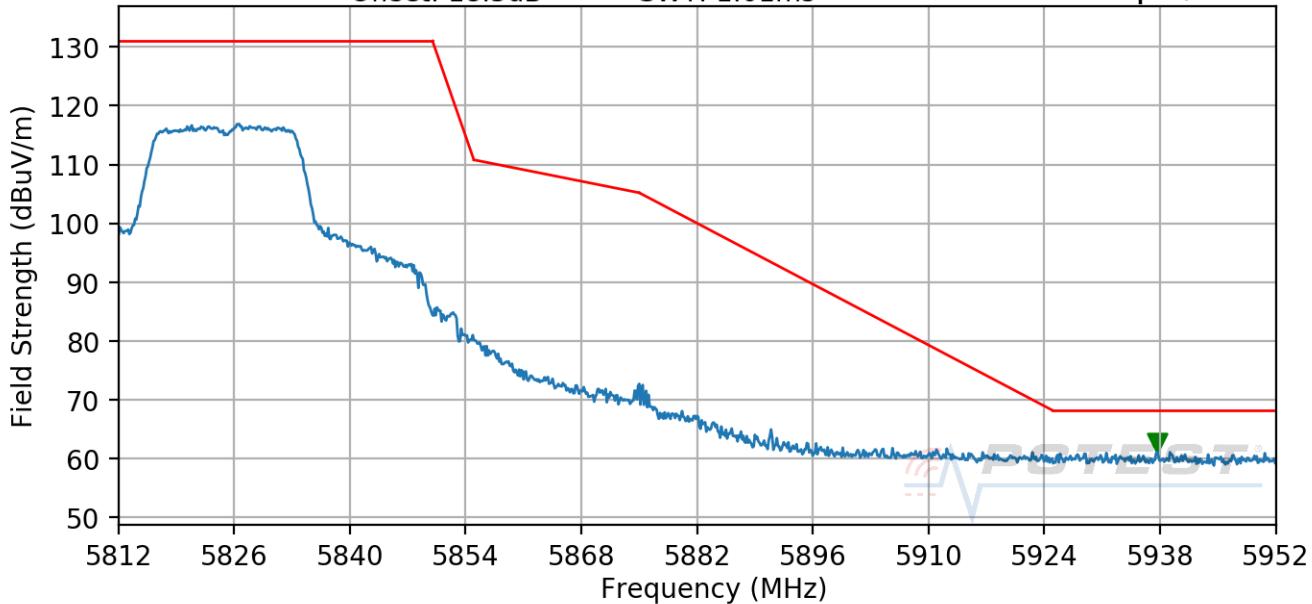
Plot 7-140. Antenna A (Pk, Ch.149, 802.11n, MCS7)

PASS

Trace: MaxHold
Detector: PK
Offset: 18.5dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

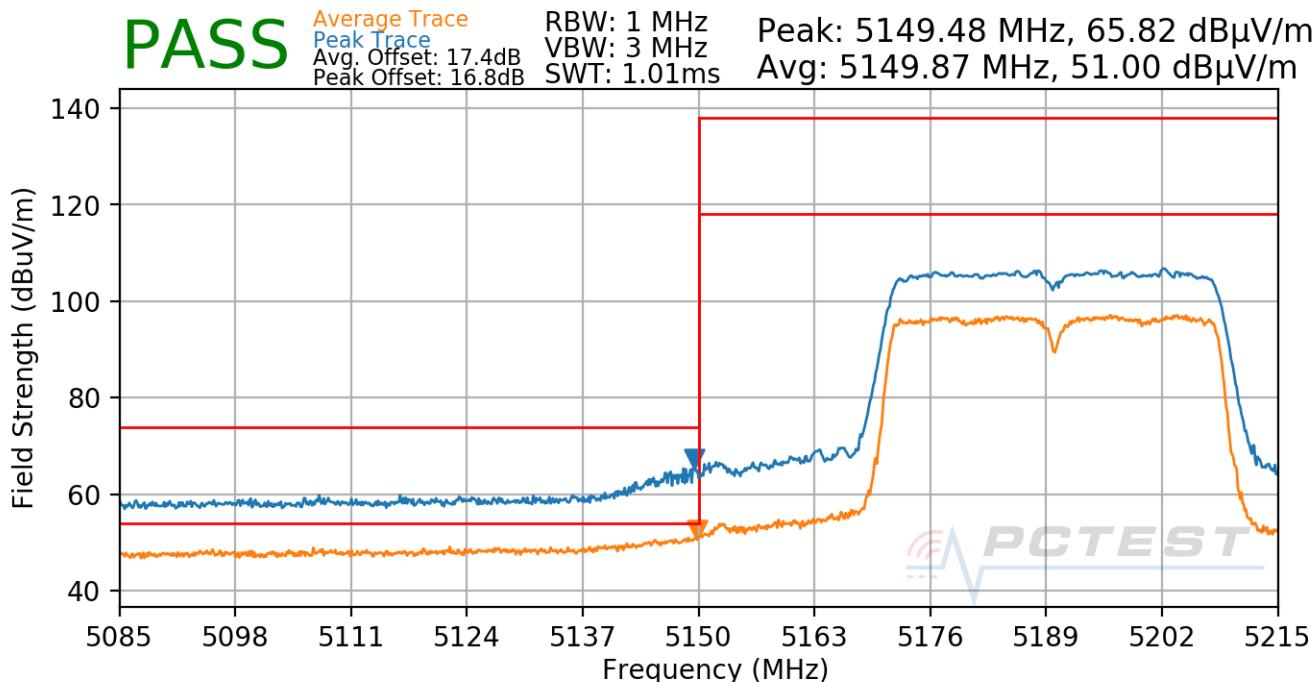
5937.66 MHz
61.13 dB μ V/m



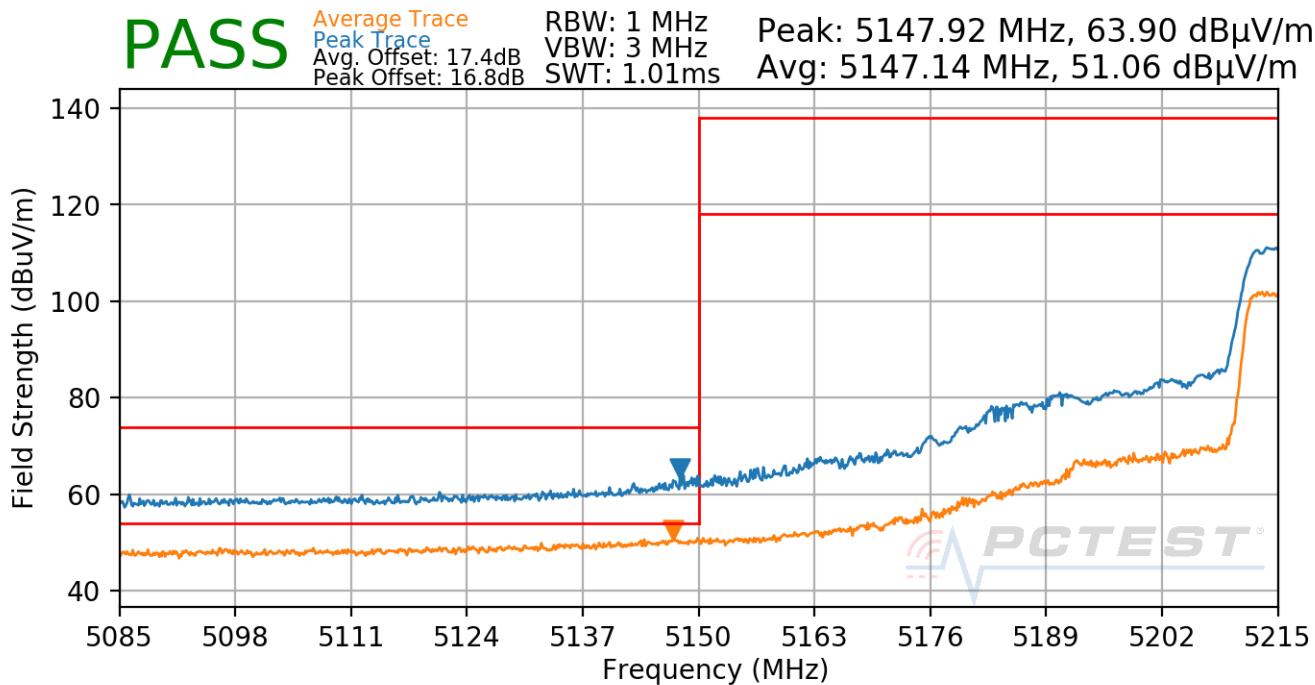
Plot 7-141. Antenna A (Pk, Ch.165, 802.11n, MCS7)

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 108 of 156

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



Plot 7-142. Antenna A (Pk & Avg, Ch.38, 802.11n, MCS7)



Plot 7-143. Antenna A (Pk & Avg, Ch.46, 802.11n, MCS7)

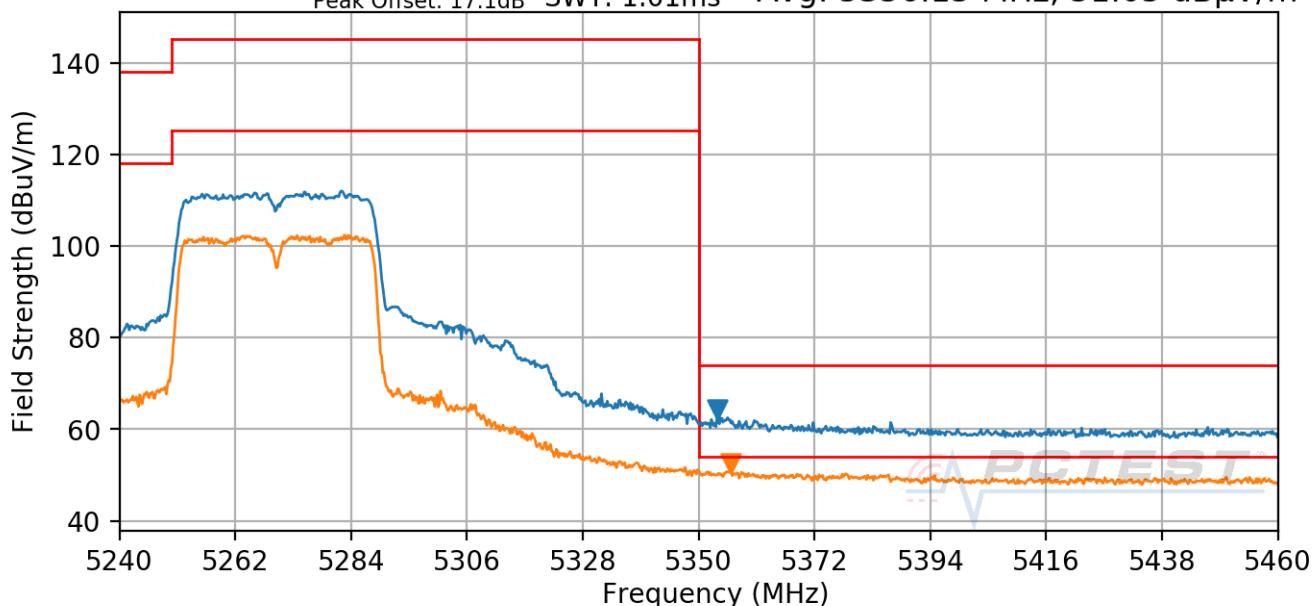
FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 109 of 156	

PASS

Average Trace
Peak Trace
Avg. Offset: 17.8dB
Peak Offset: 17.1dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5353.52 MHz, 62.85 dB μ V/m
Avg: 5356.15 MHz, 51.05 dB μ V/m



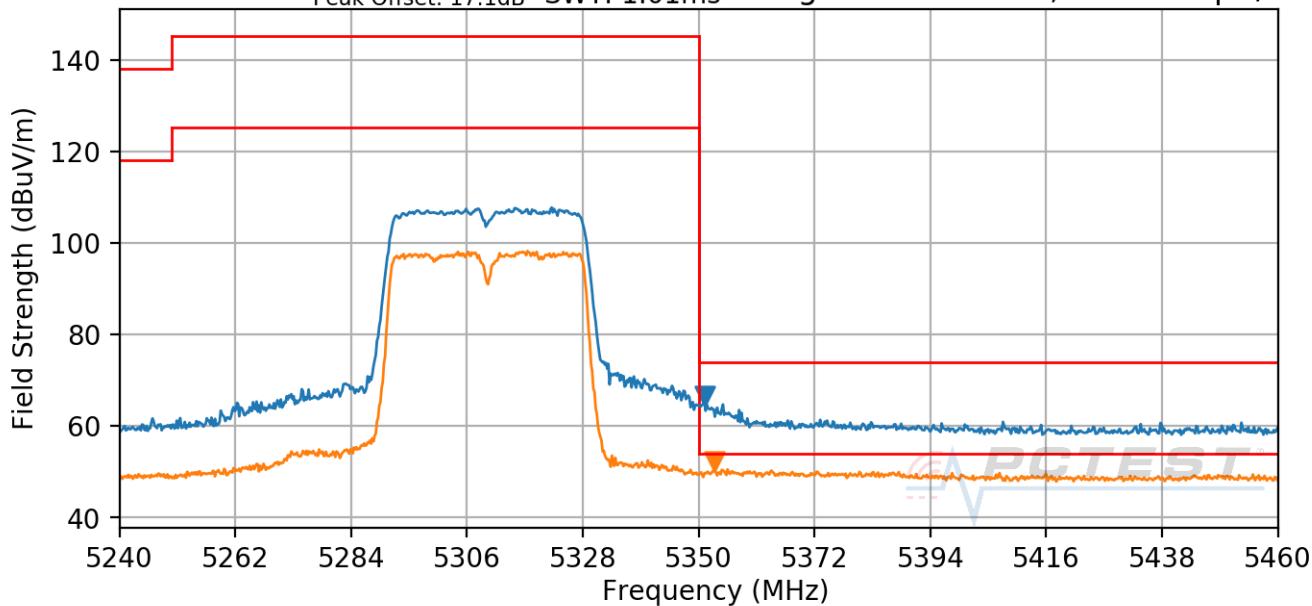
Plot 7-144. Antenna A (Pk & Avg, Ch.54, 802.11n, MCS7)

PASS

Average Trace
Peak Trace
Avg. Offset: 17.7dB
Peak Offset: 17.1dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5351.10 MHz, 65.08 dB μ V/m
Avg: 5353.08 MHz, 50.72 dB μ V/m



Plot 7-145. Antenna A (Pk & Avg, Ch.62, 802.11n, MCS7)

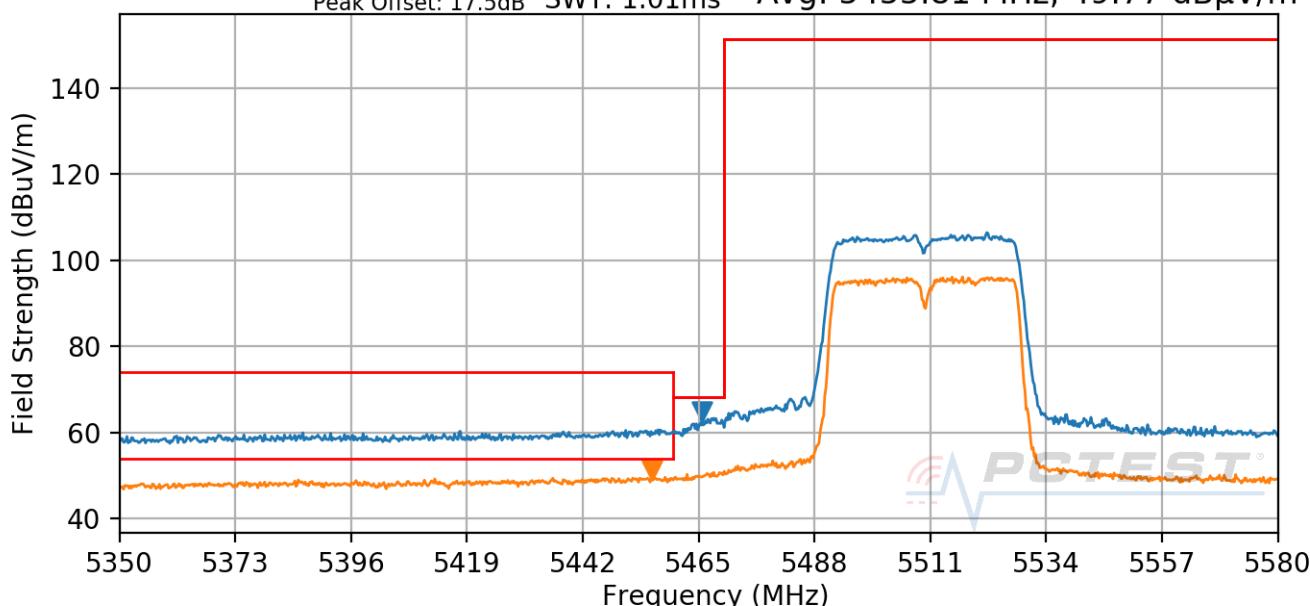
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 110 of 156

PASS

Average Trace
Peak Trace
Avg. Offset: 18.2dB
Peak Offset: 17.5dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5465.69 MHz, 63.44 dB μ V/m
Avg: 5455.81 MHz, 49.77 dB μ V/m



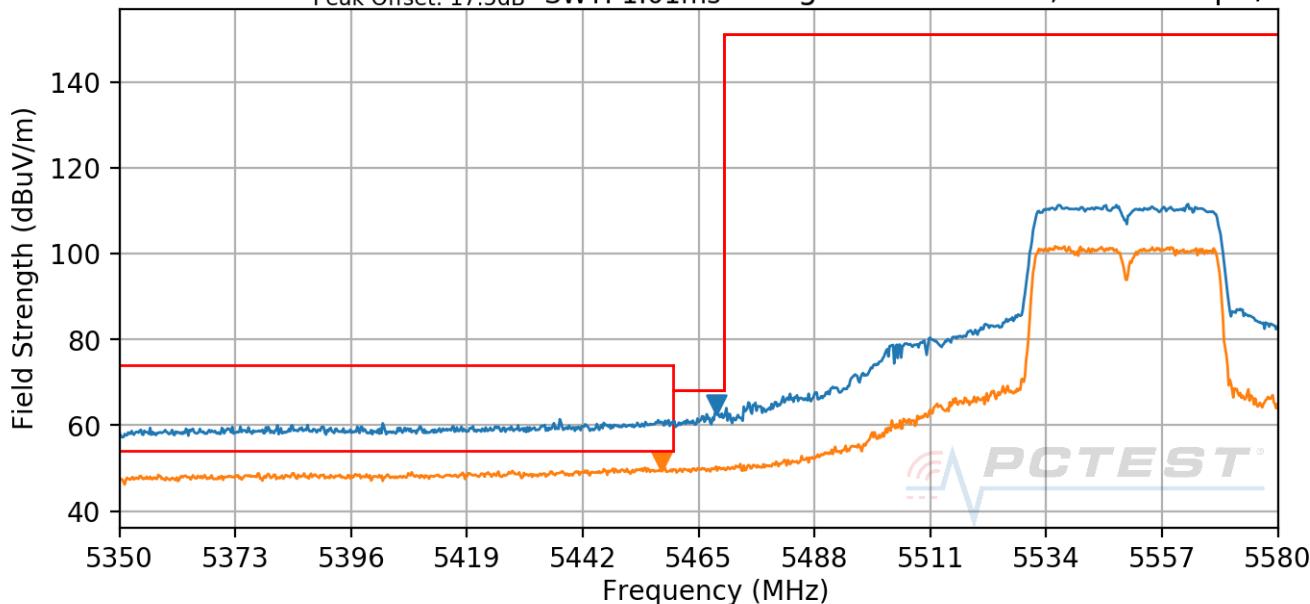
Plot 7-146. Antenna A (Pk & Avg, Ch.102, 802.11n, MCS7)

PASS

Average Trace
Peak Trace
Avg. Offset: 18.2dB
Peak Offset: 17.5dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5468.45 MHz, 63.26 dB μ V/m
Avg: 5457.65 MHz, 50.11 dB μ V/m



Plot 7-147. Antenna A (Pk & Avg, Ch.110, 802.11n, MCS7)

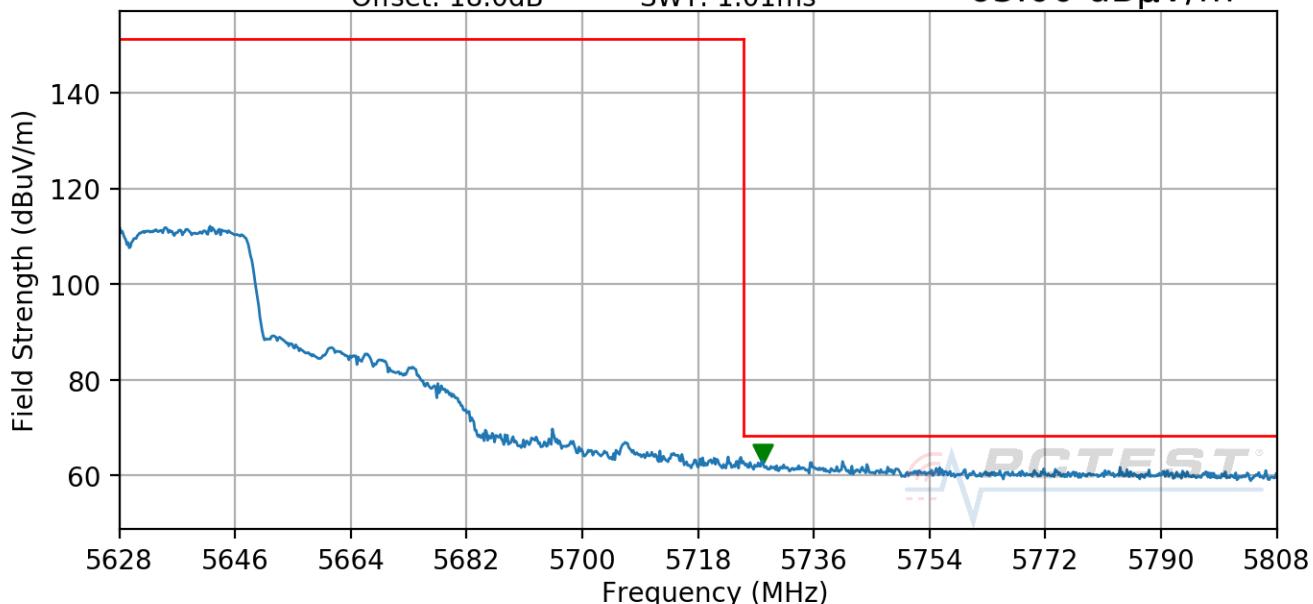
FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 111 of 156

PASS

Trace: MaxHold
Detector: PK
Offset: 18.0dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5728.07 MHz
63.00 dB μ V/m



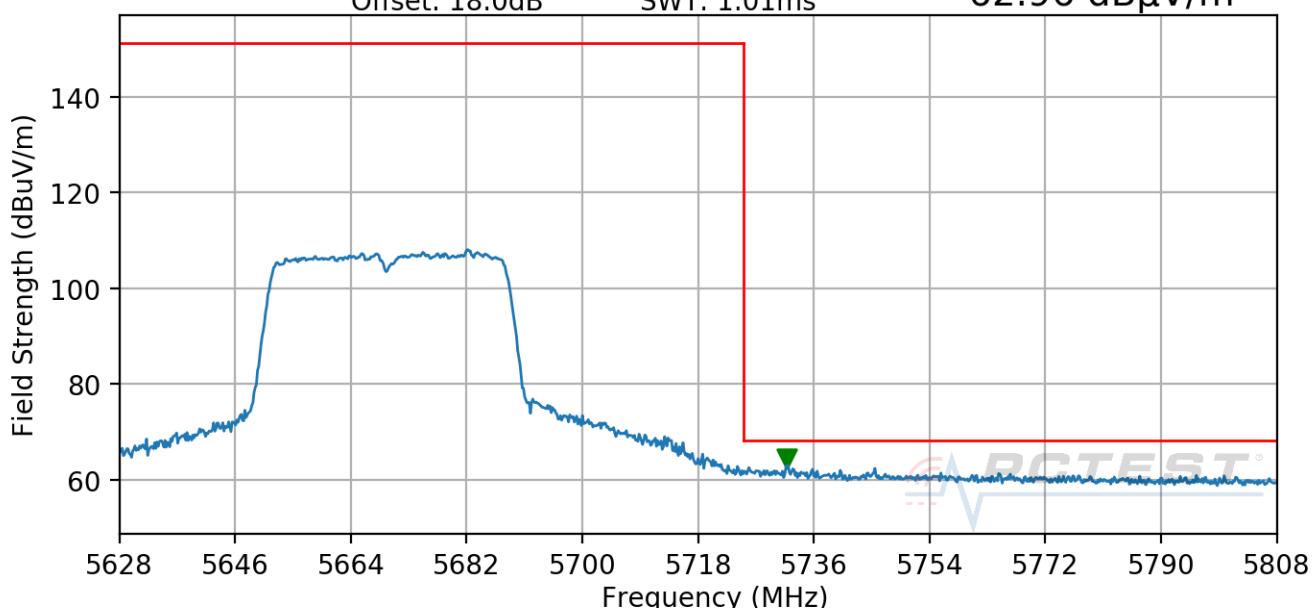
Plot 7-148. (FCC Only) Antenna A (Pk, Ch.126, 802.11n, MCS7)

PASS

Trace: MaxHold
Detector: PK
Offset: 18.0dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5731.85 MHz
62.96 dB μ V/m



Plot 7-149. Antenna A (Pk, Ch.134, 802.11n, MCS7)

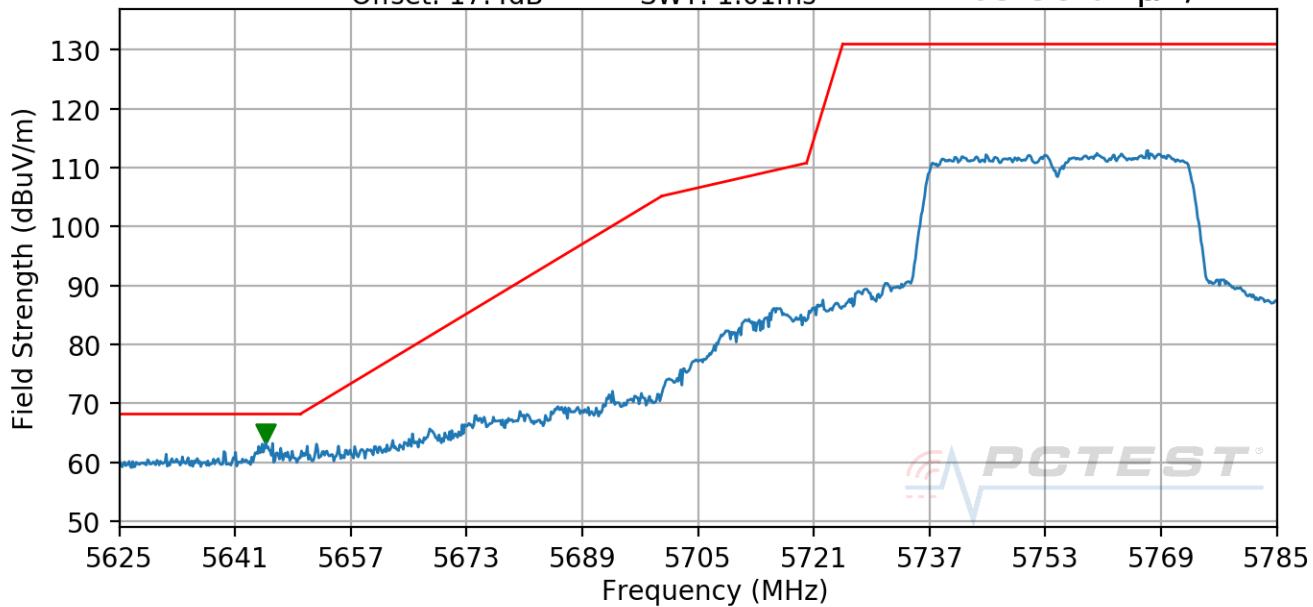
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 112 of 156

PASS

Trace: MaxHold
Detector: PK
Offset: 17.4dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5645.22 MHz
63.38 dB μ V/m



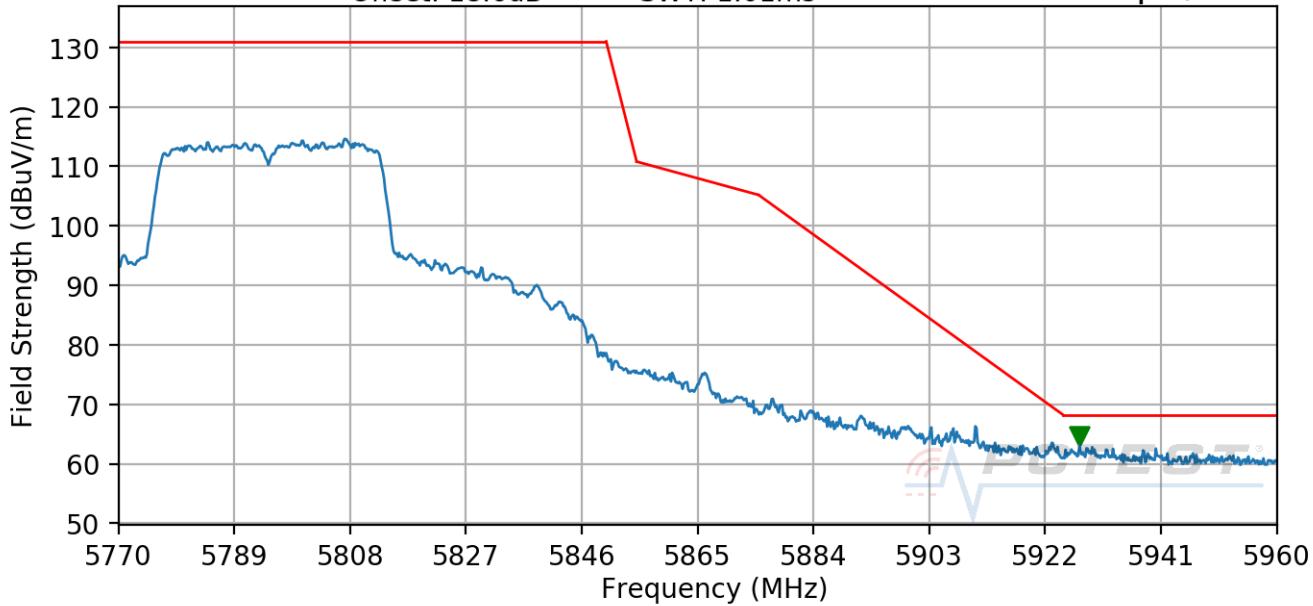
Plot 7-150. Antenna A (Pk, Ch.151, 802.11n, MCS7)

PASS

Trace: MaxHold
Detector: PK
Offset: 18.6dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5927.64 MHz
63.10 dB μ V/m



Plot 7-151. Antenna A (Pk, Ch.159, 802.11n, MCS7)

FCC ID: BCGA2603 IC: 579C-A2603	 Proud to be part of 
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021

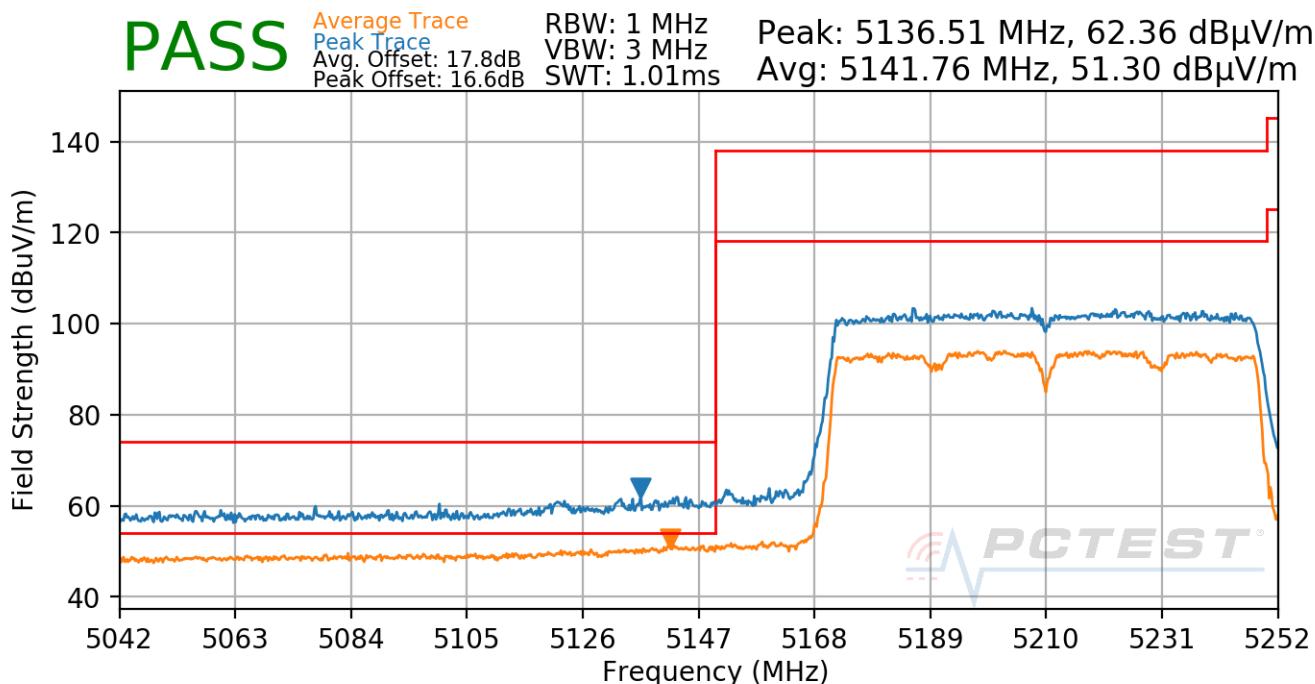
MEASUREMENT REPORT
(CERTIFICATION)

Approved by:
Quality Manager

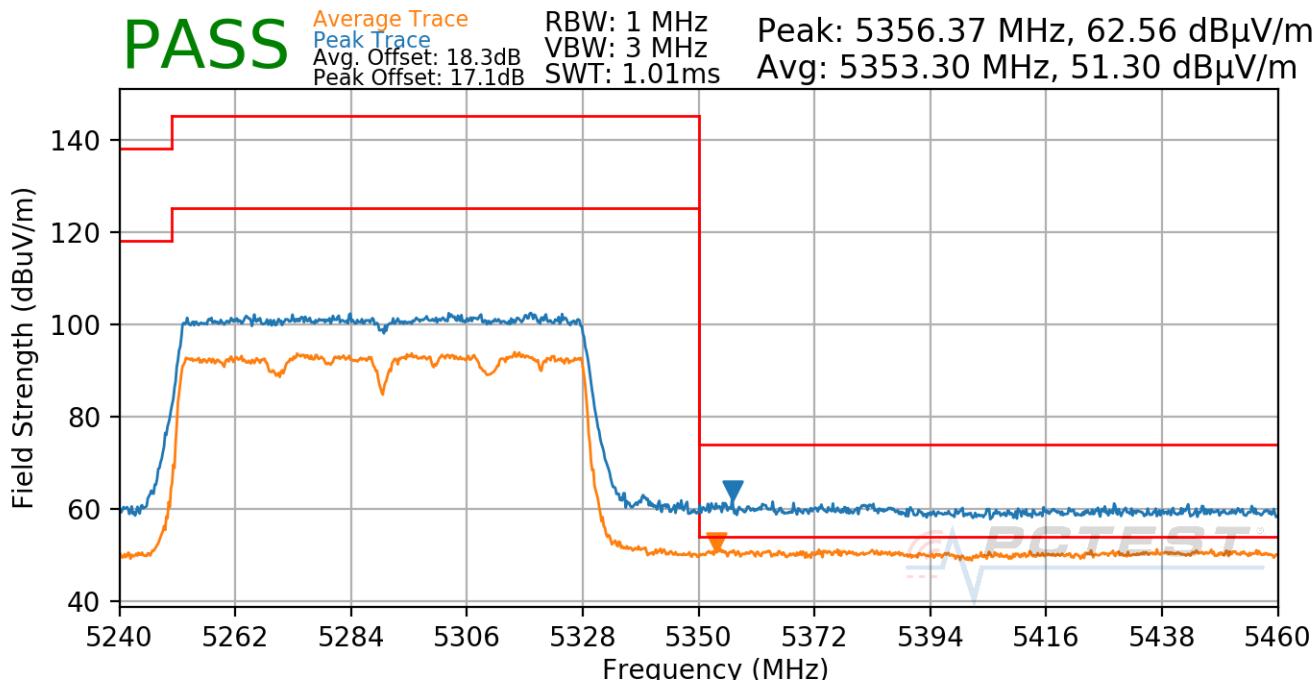
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7.6.7 Antenna A Radiated Band Edge Measurements (80MHz BW)

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



Plot 7-152. Antenna A (Pk & Avg, Ch.42, 802.11ac, MCS9)



Plot 7-153. Antenna A (Pk & Avg, Ch.58, 802.11ac, MCS9)

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 114 of 156

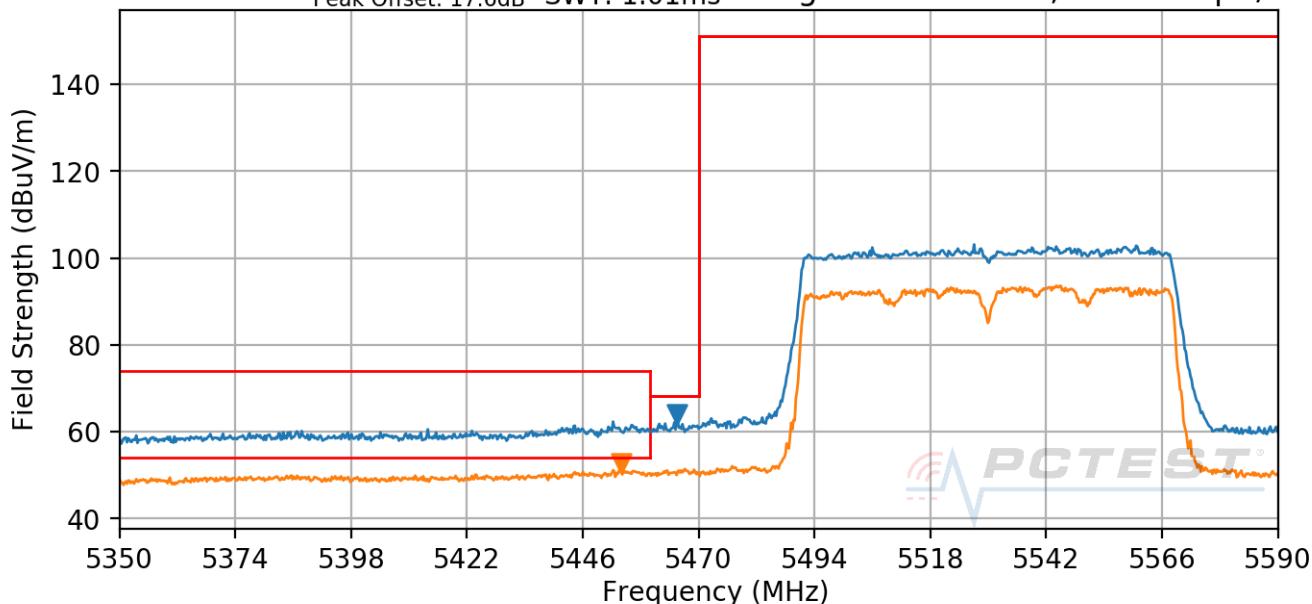
PASS

Average Trace
Peak Trace

Avg. Offset: 19.0dB
Peak Offset: 17.6dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5465.44 MHz, 62.43 dB μ V/m
Avg: 5453.94 MHz, 51.16 dB μ V/m



Plot 7-154. Antenna A (Pk & Avg, Ch.106, 802.11ac, MCS9)

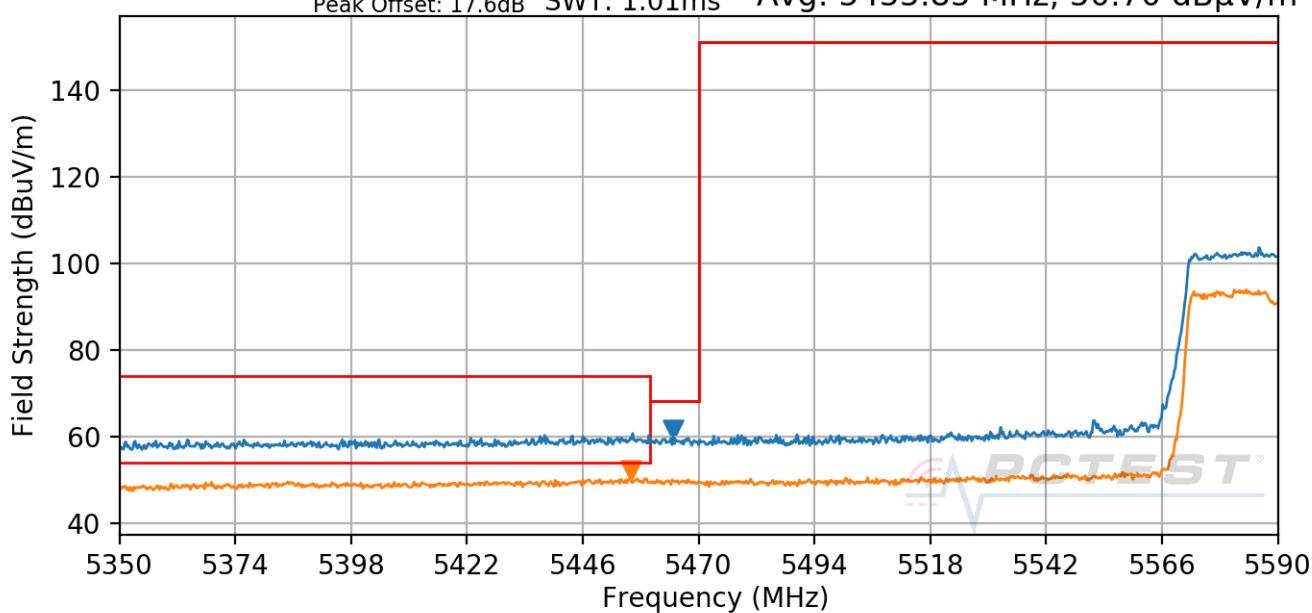
PASS

Average Trace
Peak Trace

Avg. Offset: 19.0dB
Peak Offset: 17.6dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5464.73 MHz, 60.06 dB μ V/m
Avg: 5455.85 MHz, 50.70 dB μ V/m



Plot 7-155. (FCC Only) Antenna A (Pk & Avg, Ch.122 (Low), 802.11ac, MCS9)

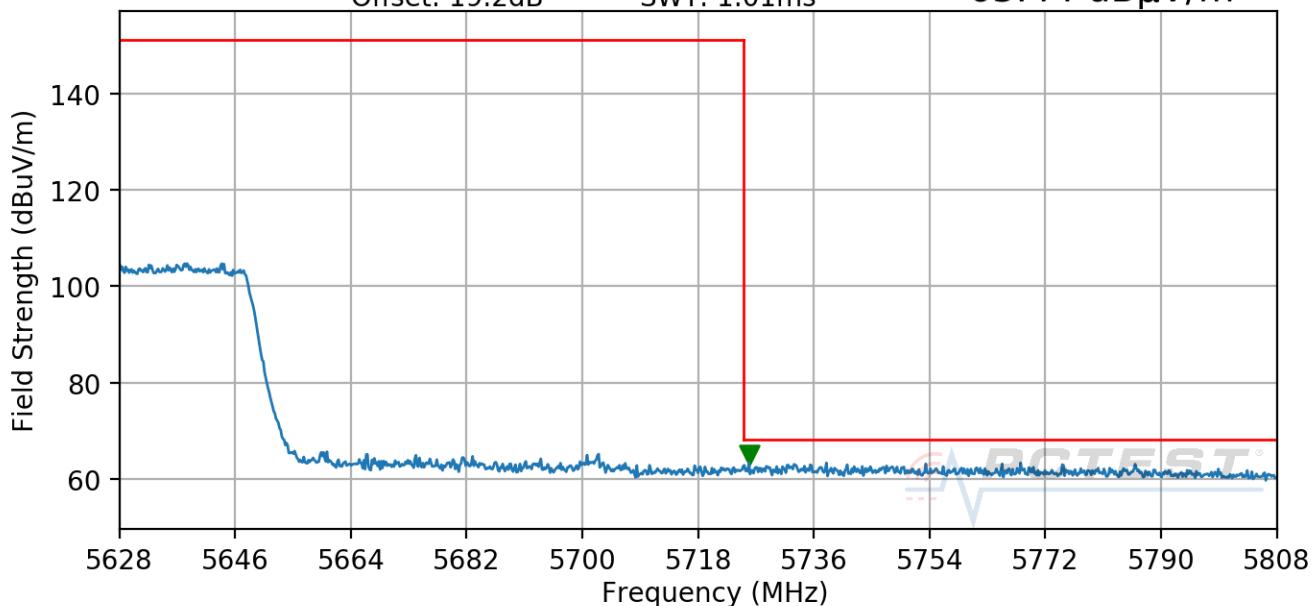
FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 115 of 156

PASS

Trace: MaxHold
Detector: PK
Offset: 19.2dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5725.91 MHz
63.44 dB μ V/m



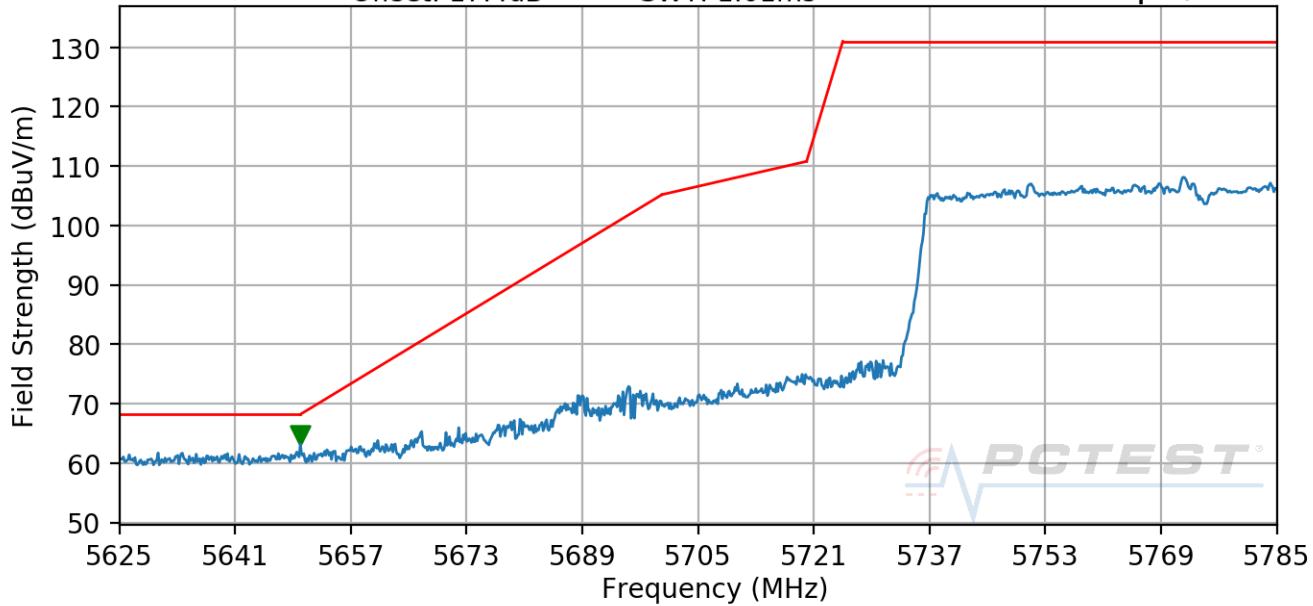
Plot 7-156. (FCC Only) Antenna A (Pk & Avg, Ch.122 (High), 802.11ac, MCS9)

PASS

Trace: MaxHold
Detector: PK
Offset: 17.4dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5650.01 MHz
63.25 dB μ V/m



Plot 7-157. Antenna A (Pk, Ch.155 (Low), 802.11ac, MCS9)

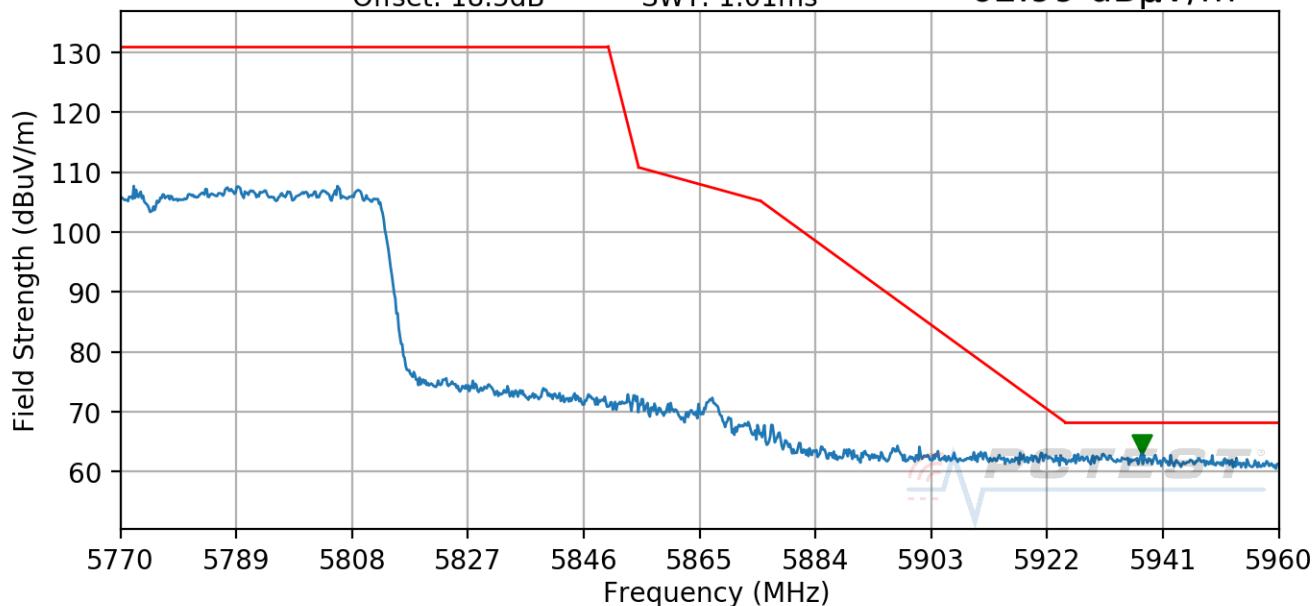
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 116 of 156

PASS

Trace: MaxHold
Detector: PK
Offset: 18.5dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5937.51 MHz
62.99 dB μ V/m

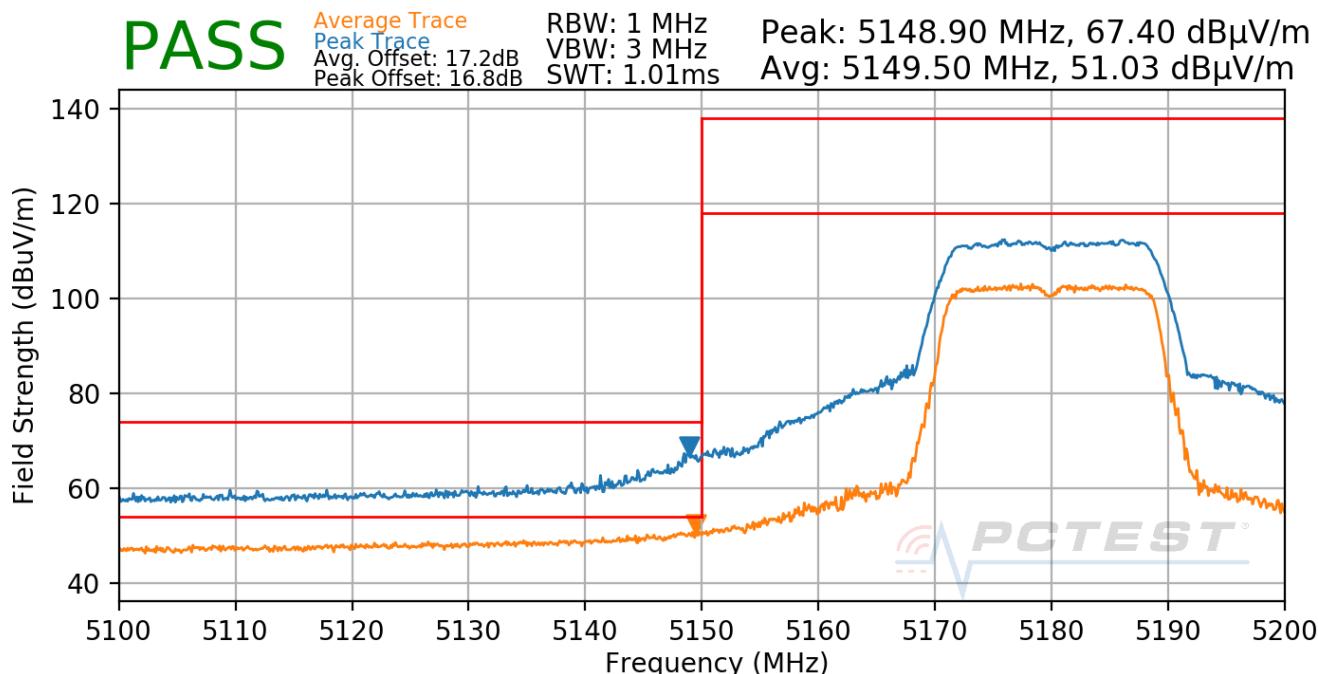


Plot 7-158. Antenna A (Pk, Ch.155 (High), 802.11ac, MCS9)

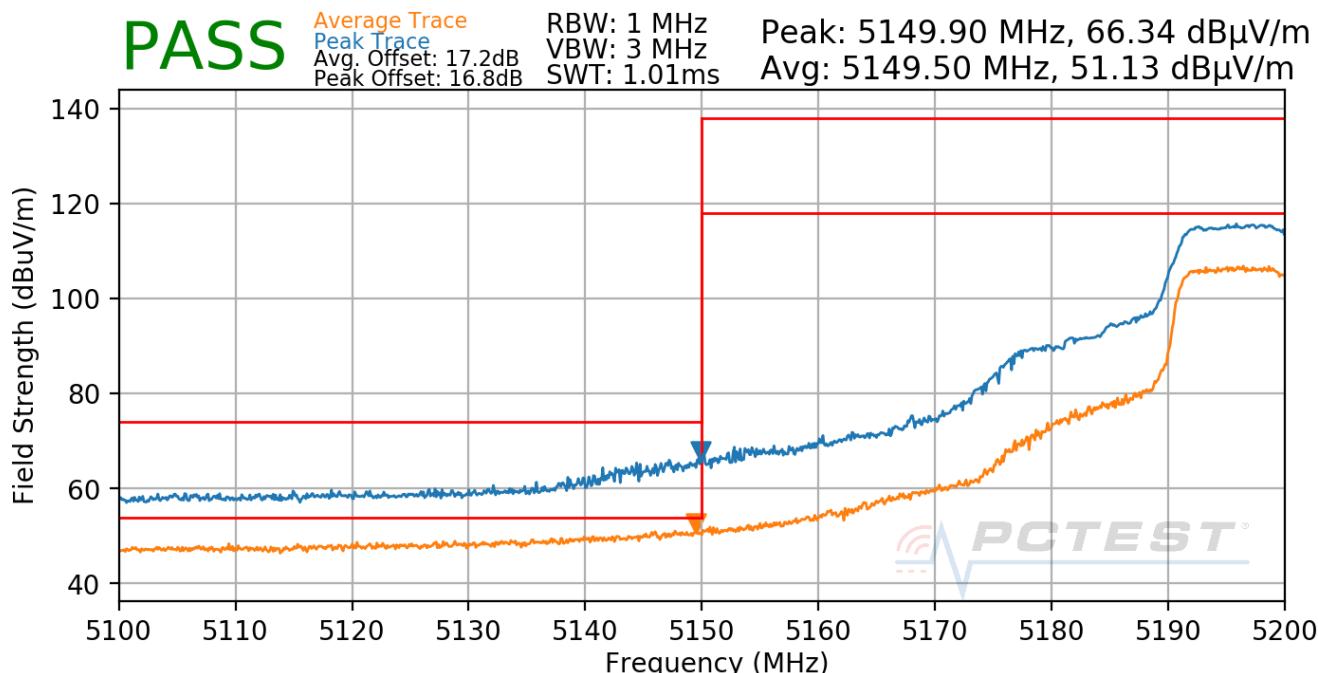
FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device	Page 117 of 156

7.6.8 Antenna B Radiated Band Edge Measurements (20MHz BW)

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



Plot 7-159. Antenna B (Pk & Avg, Ch.36, 802.11n, MCS7)



Plot 7-160. Antenna B (Pk & Avg, Ch.40, 802.11n, MCS7)

FCC ID: BCGA2603 IC: 579C-A2603	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 118 of 156

PASS

Average Trace

Peak Trace

Avg. Offset: 17.5dB

Peak Offset: 17.1dB

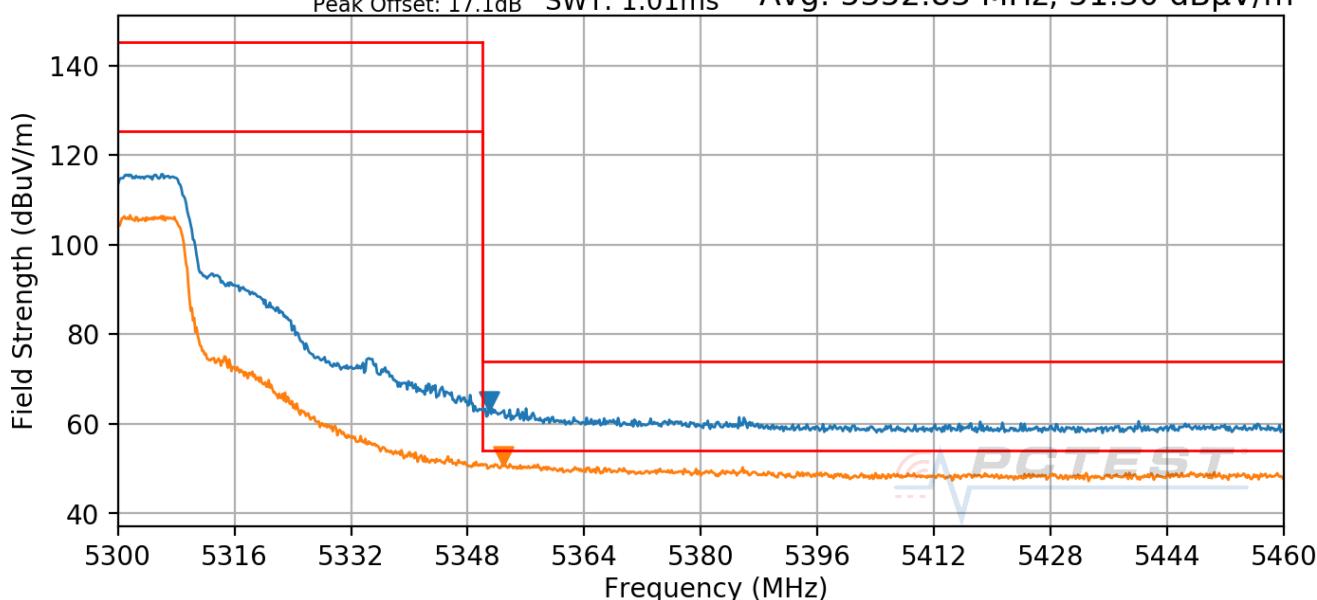
RBW: 1 MHz

VBW: 3 MHz

SWT: 1.01ms

Peak: 5350.91 MHz, 63.53 dB μ V/m

Avg: 5352.83 MHz, 51.30 dB μ V/m



Plot 7-161. Antenna B (Pk & Avg, Ch.60, 802.11n, MCS7)

PASS

Average Trace

Peak Trace

Avg. Offset: 17.5dB

Peak Offset: 17.1dB

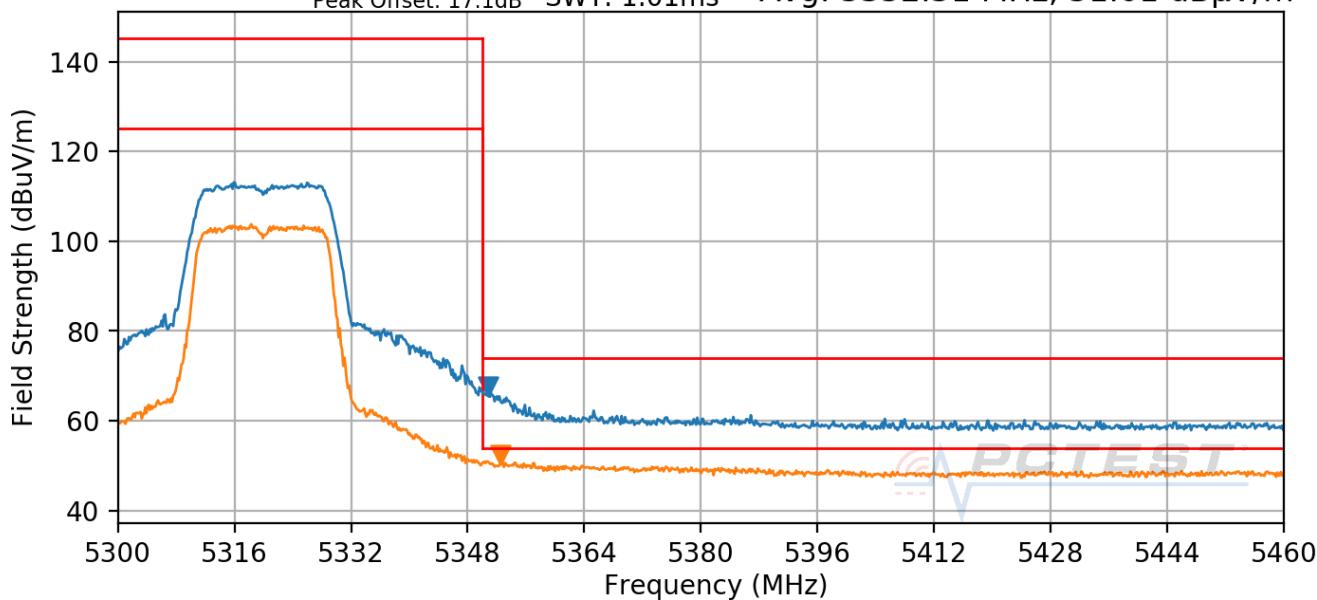
RBW: 1 MHz

VBW: 3 MHz

SWT: 1.01ms

Peak: 5350.75 MHz, 66.19 dB μ V/m

Avg: 5352.51 MHz, 51.01 dB μ V/m



Plot 7-162. Antenna B (Pk & Avg, Ch.64, 802.11n, MCS7)

FCC ID: BCGA2603	PCTEST Proud to be part of 
IC: 579C-A2603	
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021

MEASUREMENT REPORT
(CERTIFICATION)

Approved by:
Quality Manager

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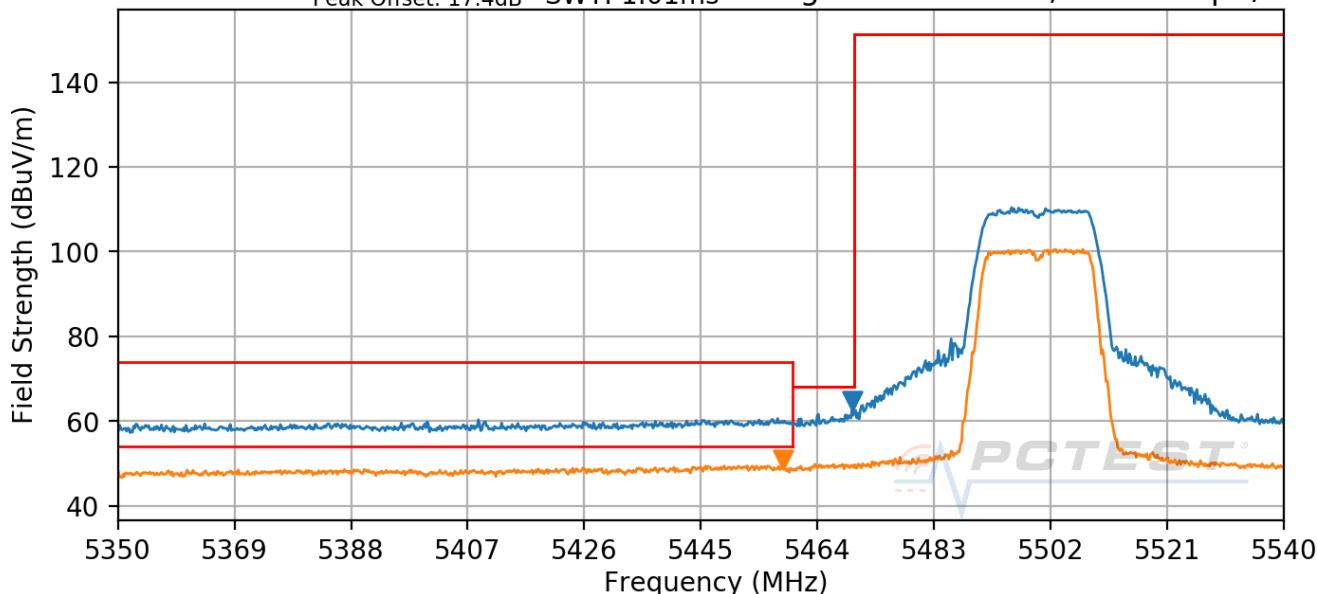
PASS

Average Trace
Peak Trace

Avg. Offset: 18.1dB
Peak Offset: 17.4dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5469.68 MHz, 63.26 dB μ V/m
Avg: 5458.48 MHz, 49.51 dB μ V/m



Plot 7-163. Antenna B (Pk & Avg, Ch.100, 802.11n, MCS7)

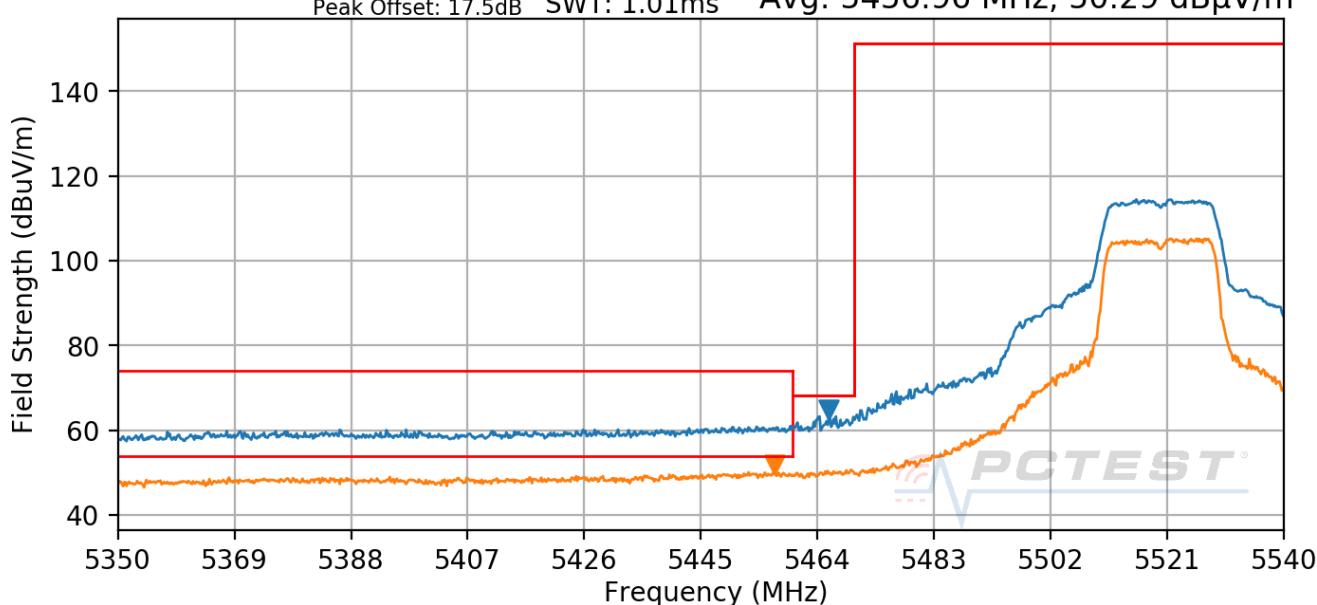
PASS

Average Trace

Peak Trace
Avg. Offset: 18.2dB
Peak Offset: 17.5dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

Peak: 5465.88 MHz, 63.31 dB μ V/m
Avg: 5456.96 MHz, 50.29 dB μ V/m



Plot 7-164. Antenna B (Pk & Avg, Ch.104, 802.11n, MCS7)

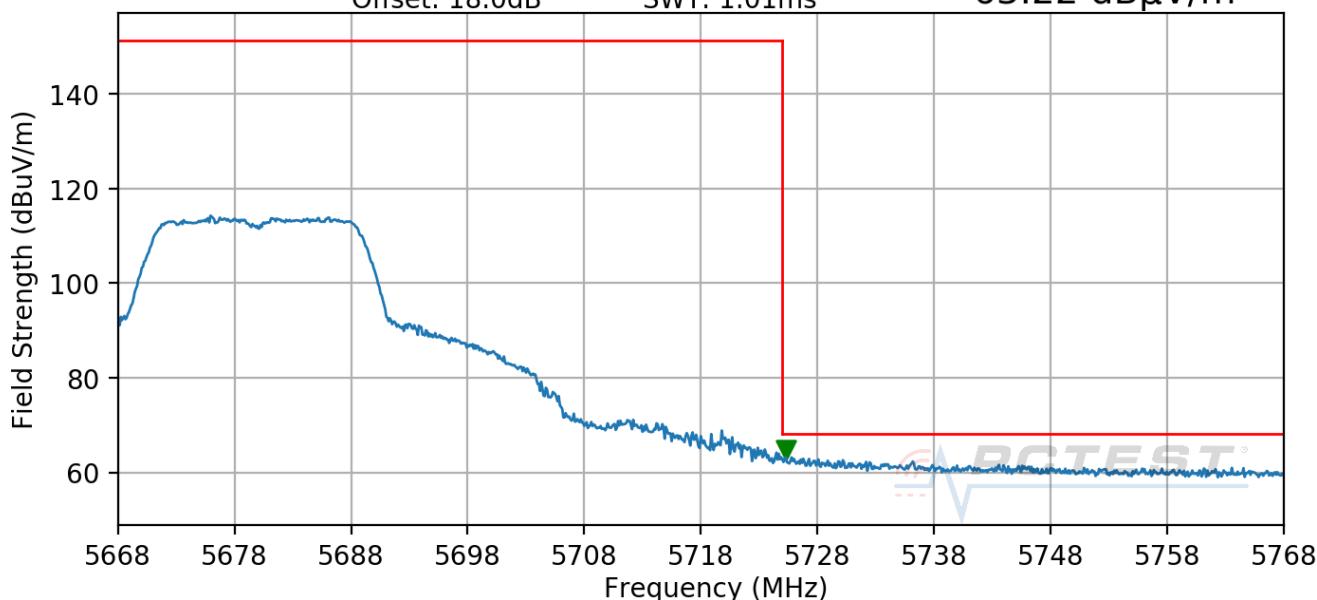
FCC ID: BCGA2603 IC: 579C-A2603	PCTEST [®] Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		

PASS

Trace: MaxHold
Detector: PK
Offset: 18.0dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5725.29 MHz
63.22 dB μ V/m



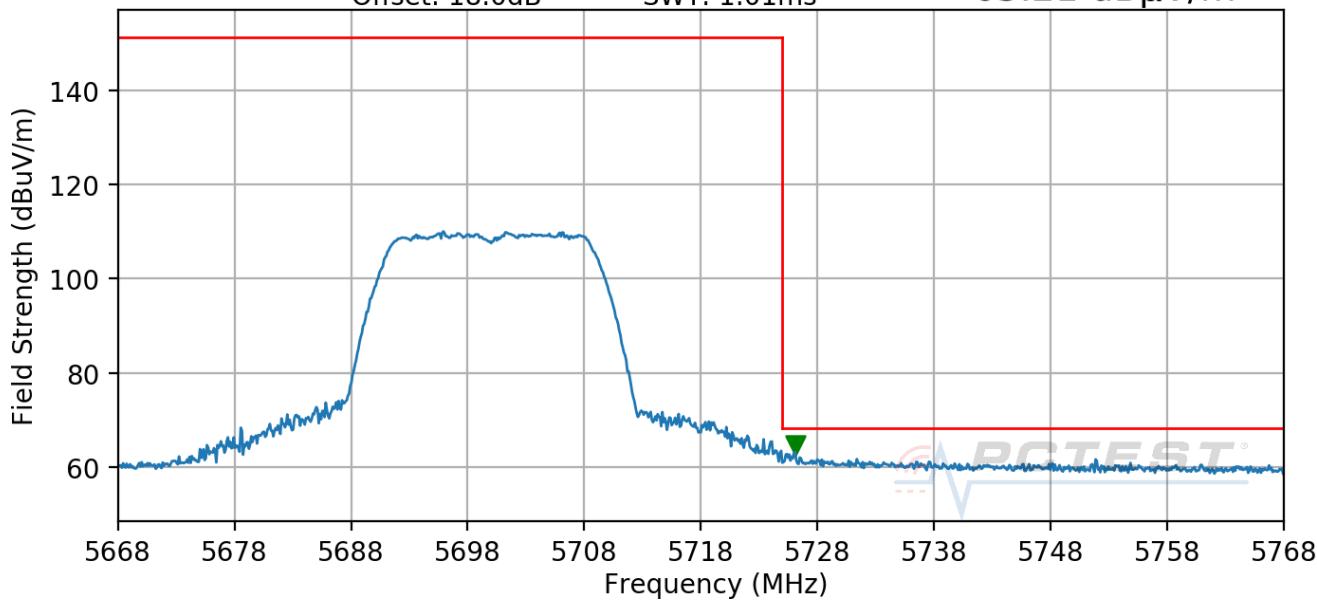
Plot 7-165. Antenna B (Pk, Ch.136, 802.11n, MCS7)

PASS

Trace: MaxHold
Detector: PK
Offset: 18.0dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5726.09 MHz
63.21 dB μ V/m



Plot 7-166. Antenna B (Pk, Ch.140, 802.11n, MCS7)

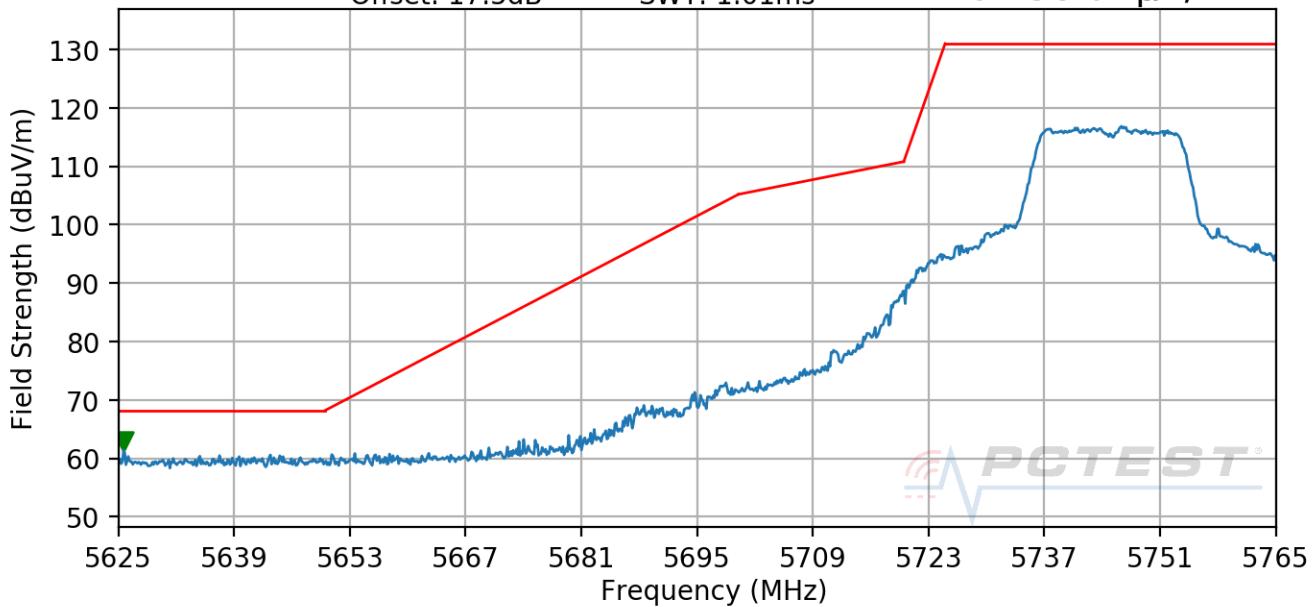
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 121 of 156

PASS

Trace: MaxHold
Detector: PK
Offset: 17.5dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5625.63 MHz
61.38 dB μ V/m



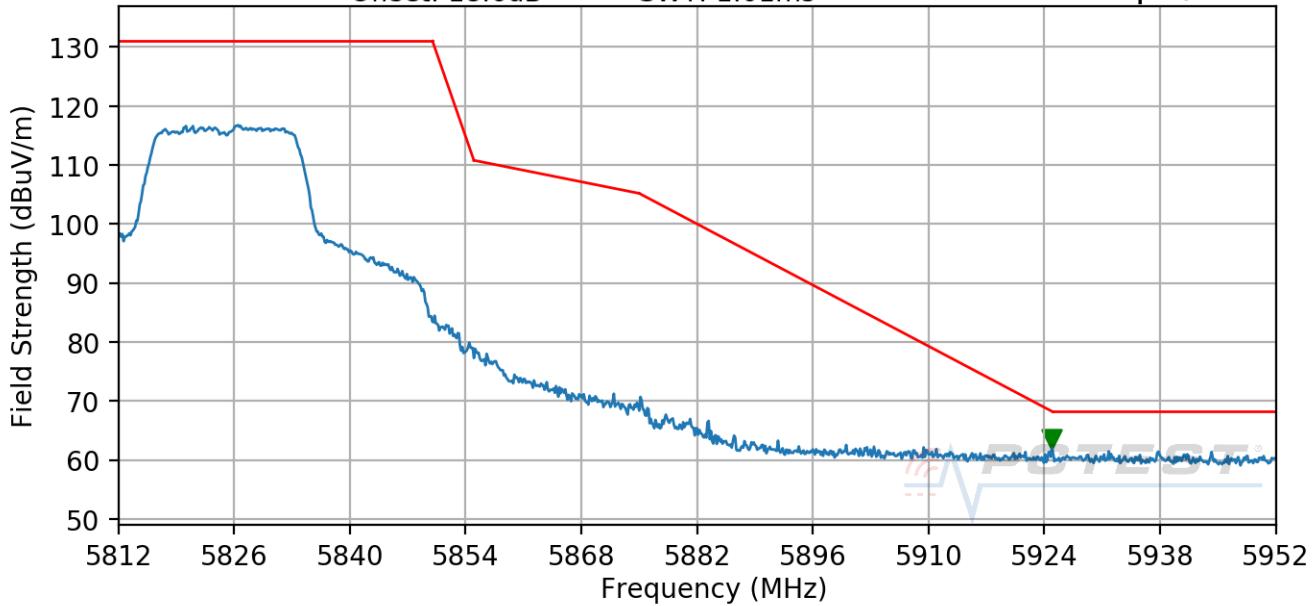
Plot 7-167. Antenna B (Pk, Ch.149, 802.11n, MCS7)

PASS

Trace: MaxHold
Detector: PK
Offset: 18.6dB

RBW: 1 MHz
VBW: 3 MHz
SWT: 1.01ms

5924.94 MHz
62.03 dB μ V/m

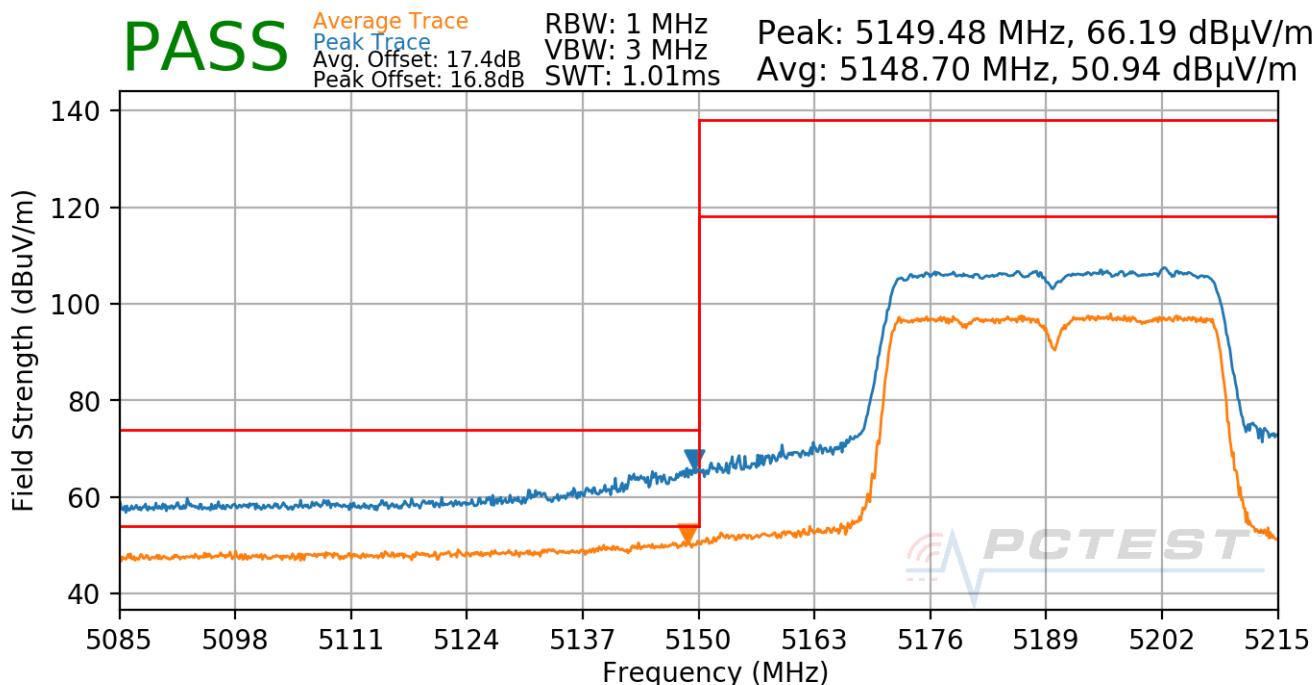


Plot 7-168. Antenna B (Pk, Ch.165, 802.11n, MCS7)

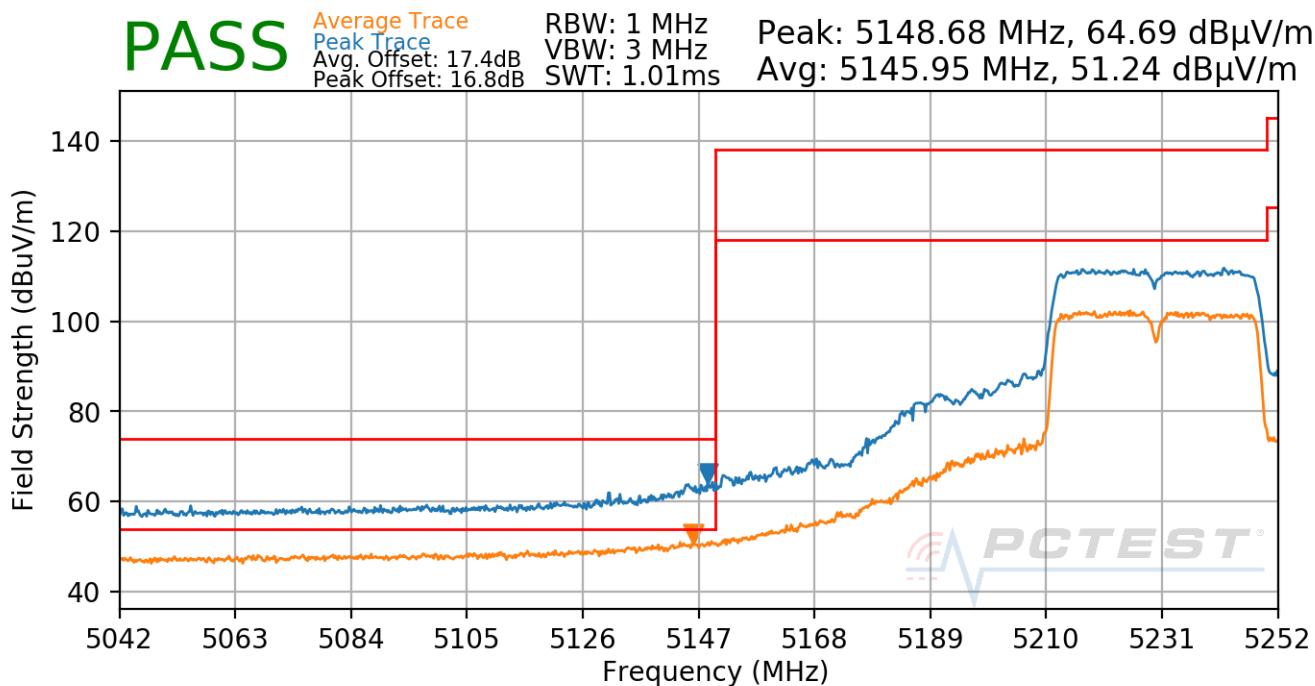
FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 122 of 156

7.6.9 Antenna B Radiated Band Edge Measurements (40MHz BW)

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



Plot 7-169. Antenna B (Pk & Avg, Ch.38, 802.11n, MCS7)



Plot 7-170. Antenna B (Pk & Avg, Ch.46, 802.11n, MCS7)

FCC ID: BCGA2603 IC: 579C-A2603	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080051-10.BCG	Test Dates: 05/28/2021 – 08/03/2021	EUT Type: Tablet Device		Page 123 of 156