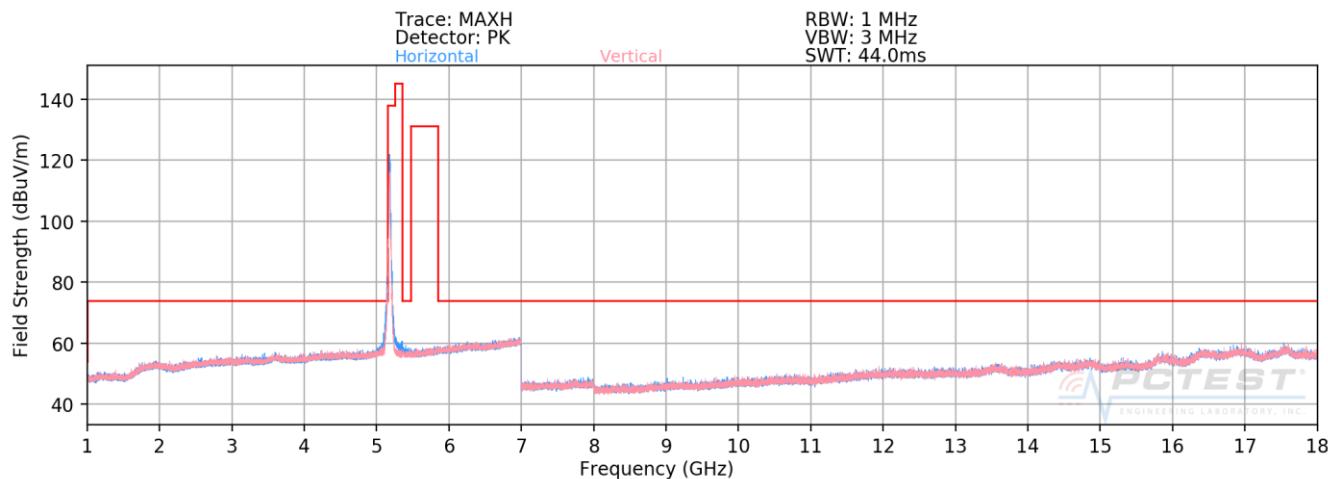
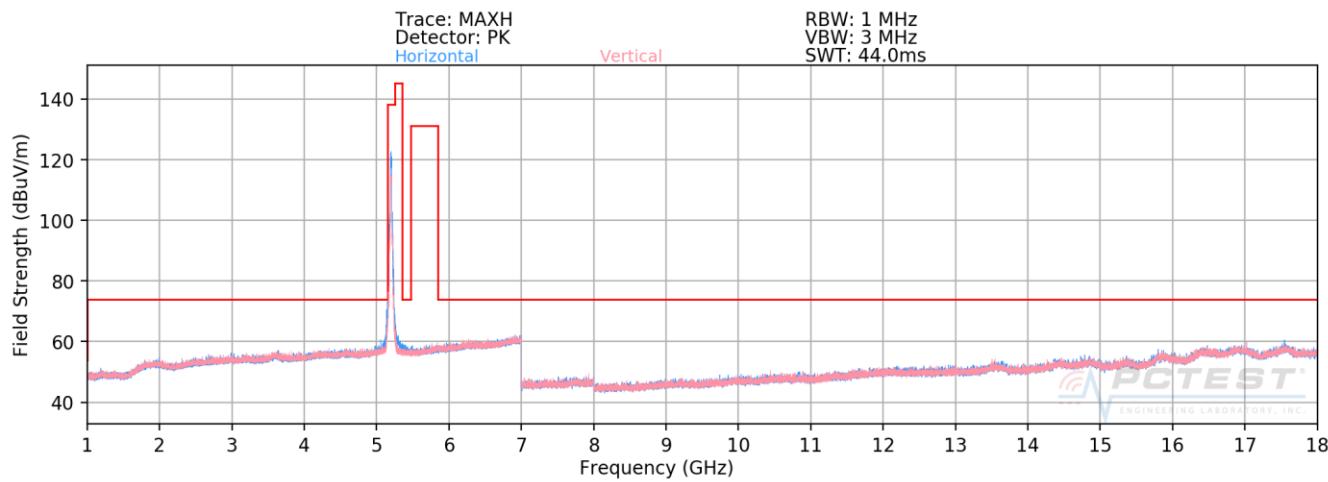


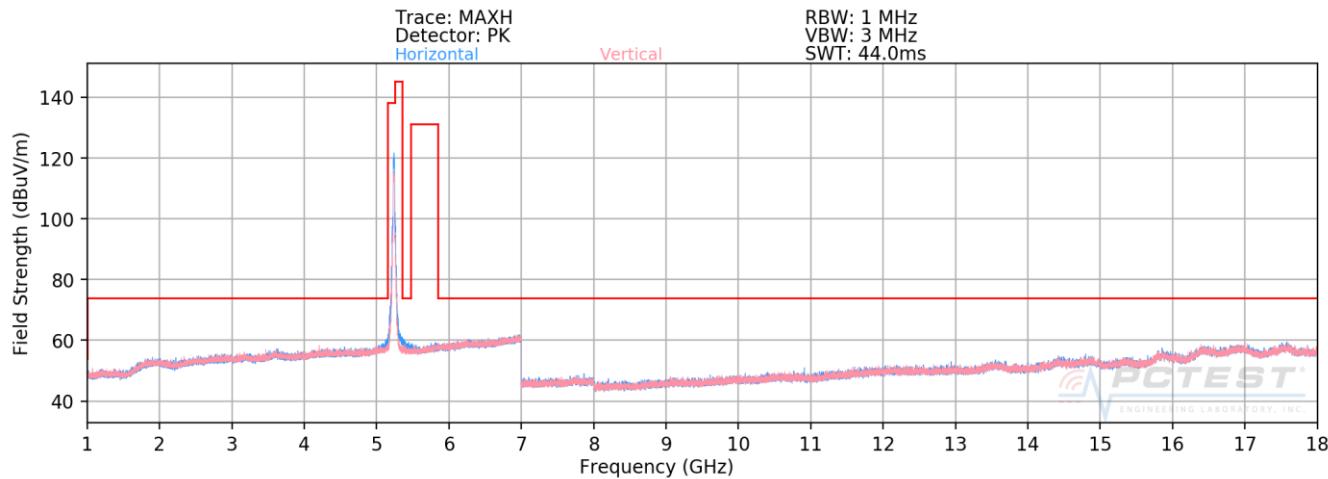
### 7.6.3 MIMO/CDD Radiated Spurious Emission Measurements



Plot 7-194. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U1 Ch. 36)

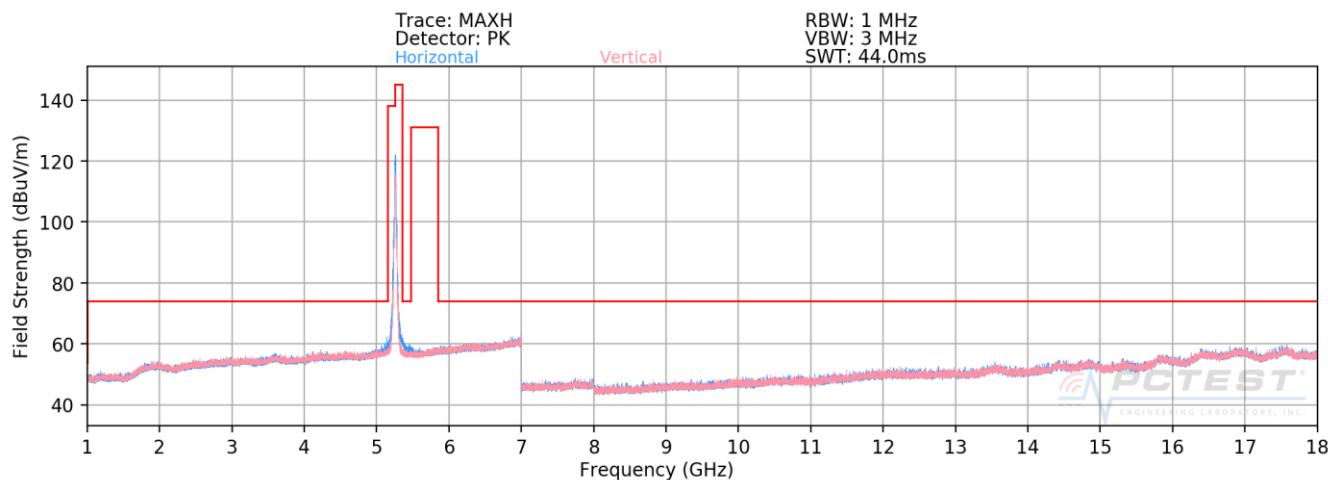


Plot 7-195. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U1 Ch. 40)

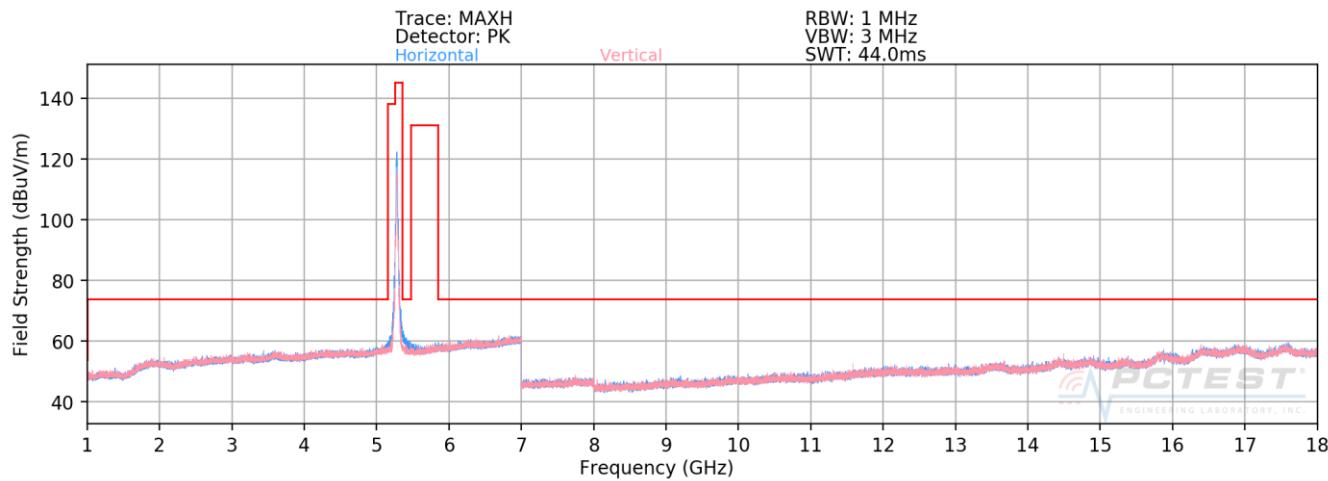


Plot 7-196. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U1 Ch. 48)

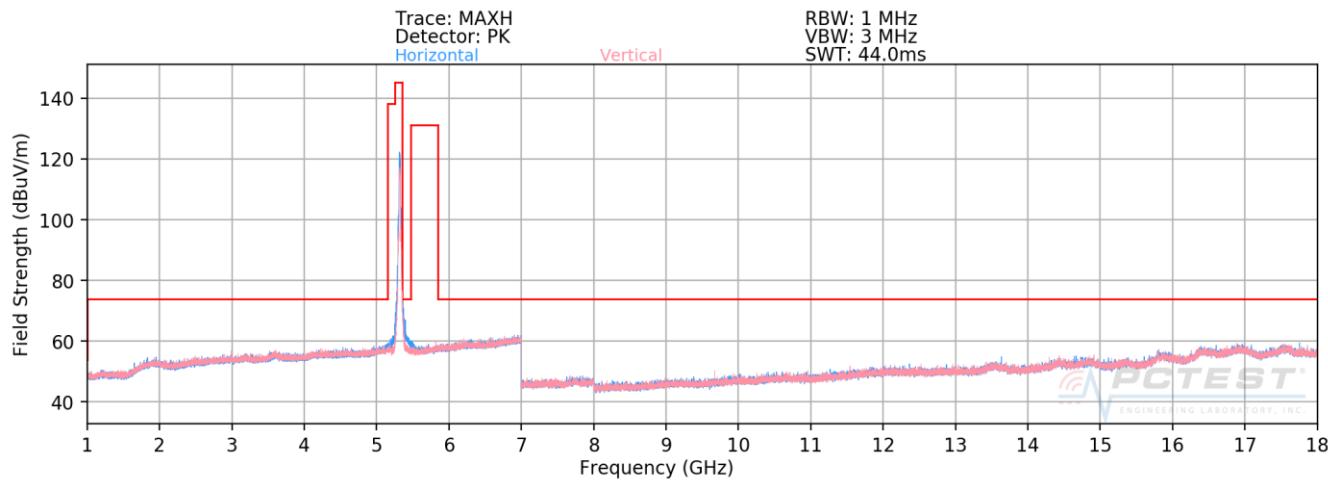
FCC ID: BCGA2153	 <b>PCTEST®</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device		Page 145 of 205



**Plot 7-197. Radiated Spurious Plot above 1GHz SISO MIMO/CDD (802.11n – U2A Ch. 52)**

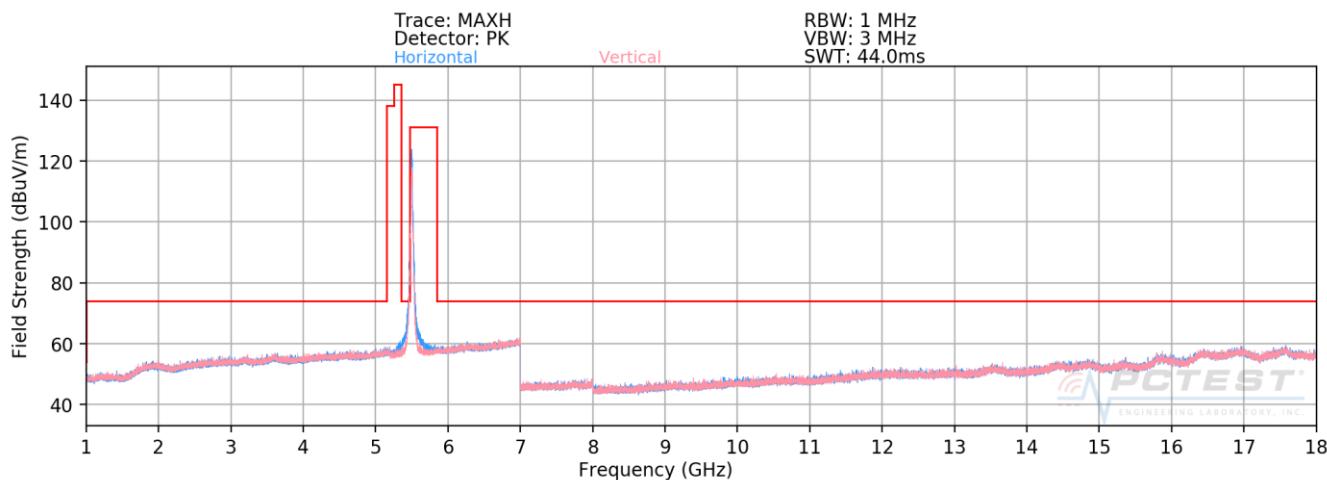


**Plot 7-198. Radiated Spurious Plot above 1GHz SISO MIMO/CDD (802.11n – U2A Ch. 56)**

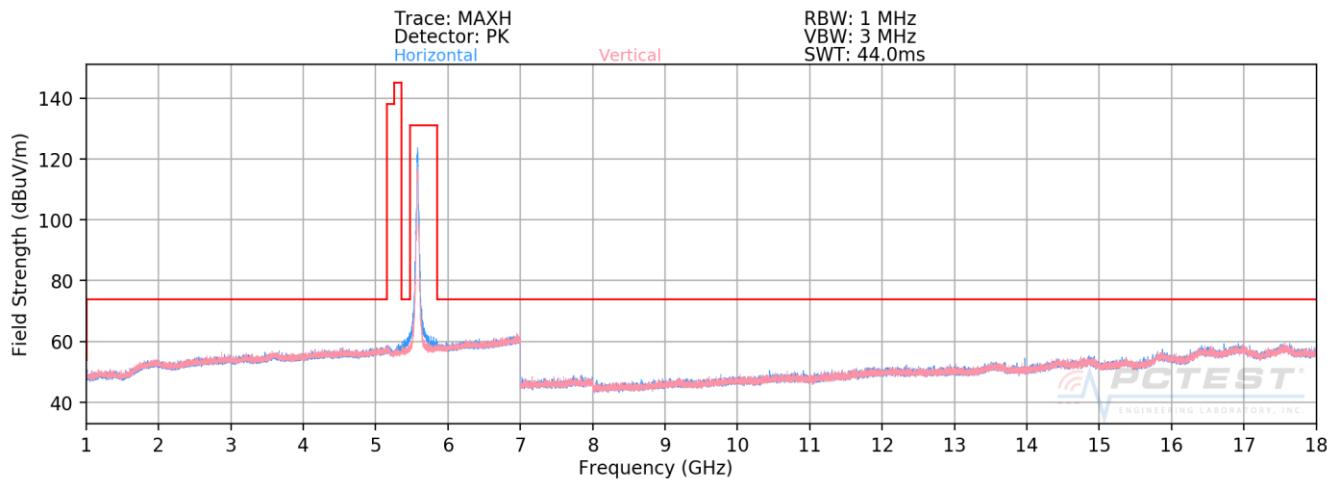


**Plot 7-199. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U2A Ch. 64)**

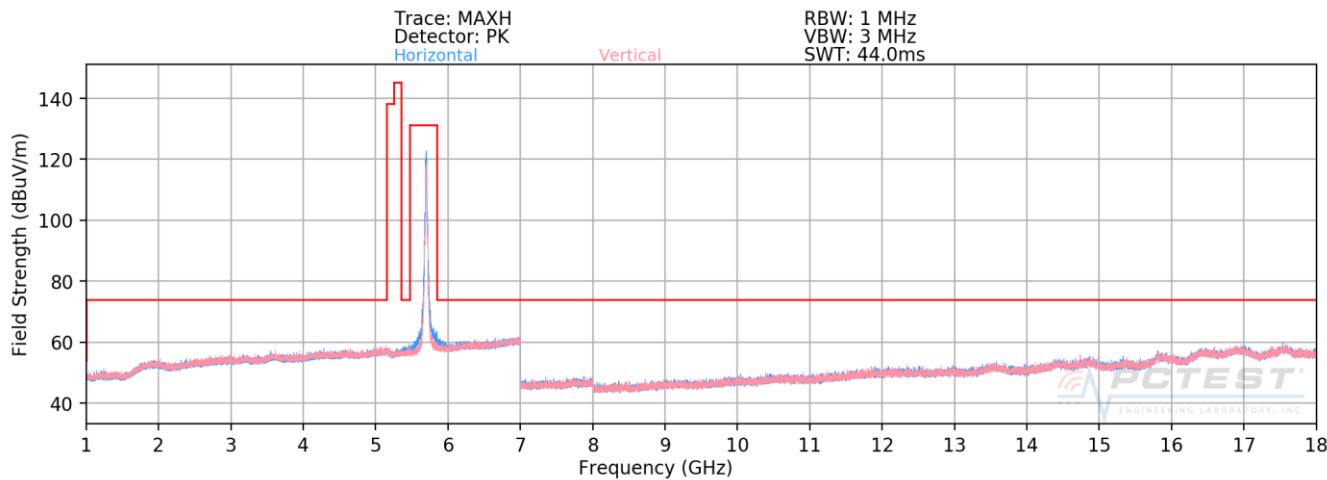
FCC ID: BCGA2153	<b>PCTEST®</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device		Page 146 of 205



**Plot 7-200. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U2C Ch. 100)**

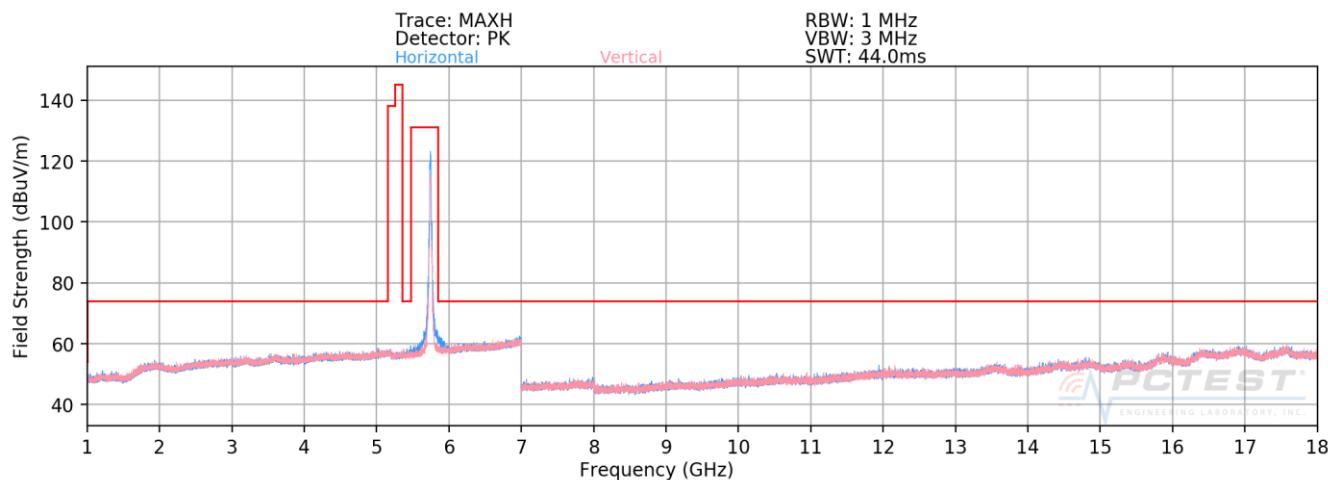


**Plot 7-201. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U2C Ch. 116)**

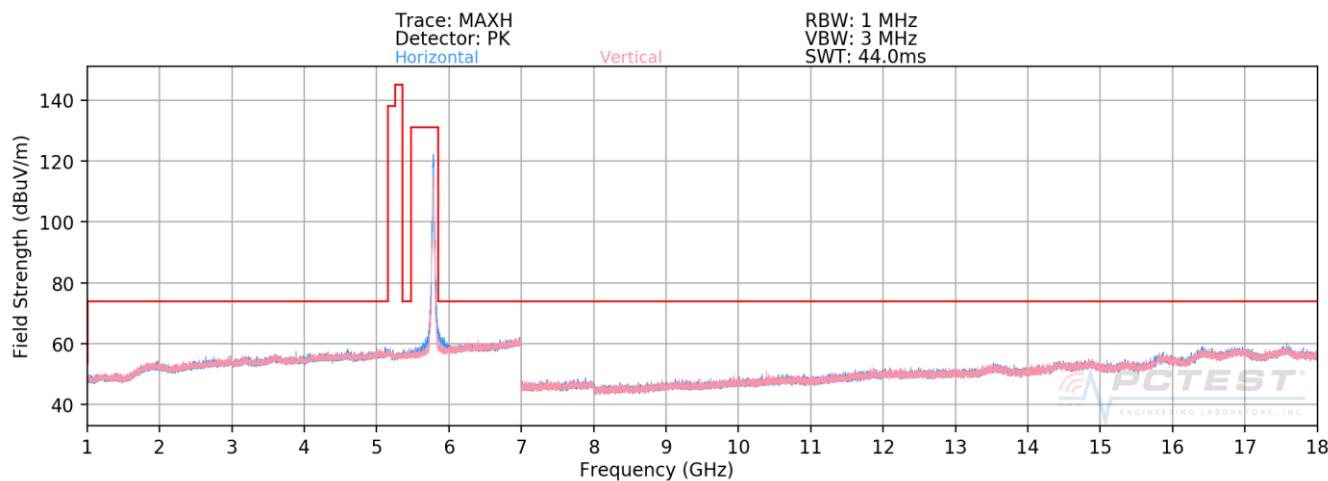


**Plot 7-202. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U2C Ch. 144)**

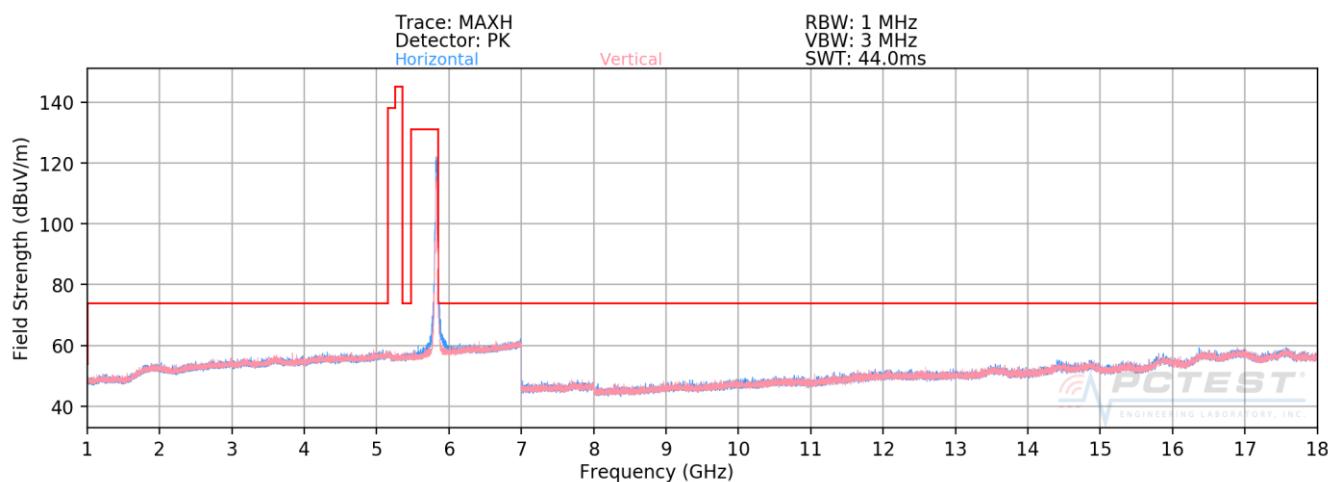
FCC ID: BCGA2153	<b>PCTEST®</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device		Page 147 of 205



**Plot 7-203. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U3 Ch. 149)**



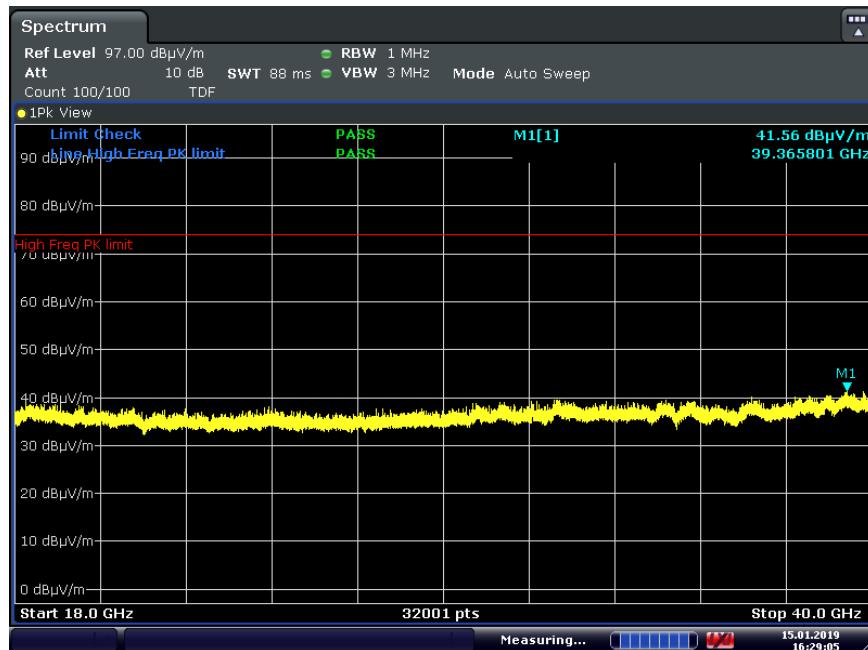
**Plot 7-204. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U3 Ch. 157)**



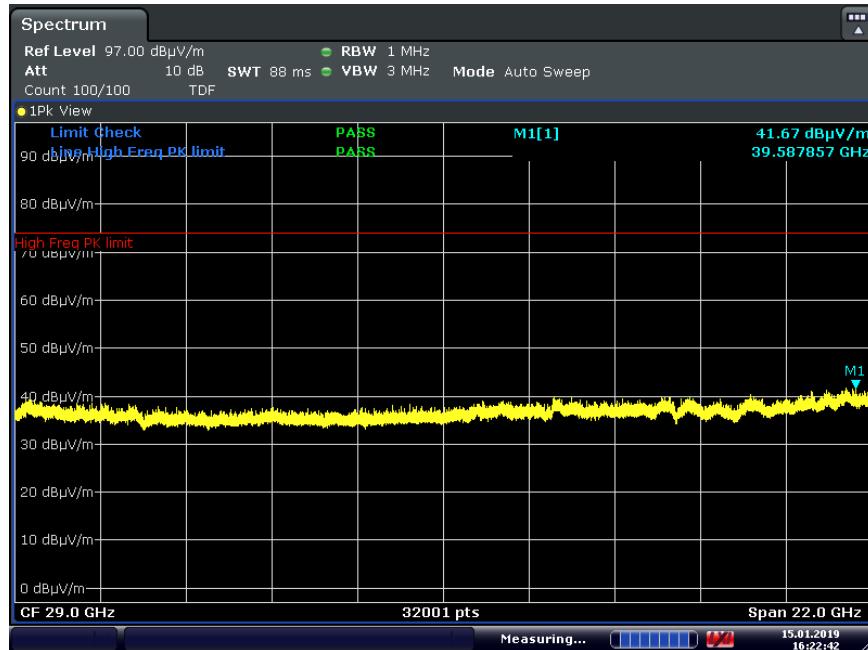
**Plot 7-205. Radiated Spurious Plot above 1GHz MIMO/CDD (802.11n – U3 Ch. 165)**

FCC ID: BCGA2153	<b>PCTEST®</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device		Page 148 of 205

## MIMO/CDD Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-206. Radiated Spurious Plot 18GHz – 40GHz MIMO/CDD (802.11n Ch 36, Pol. H)



Plot 7-207. Radiated Spurious Plot 18GHz – 40GHz MIMO/CDD (802.11n Ch 36, Pol. V)

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 149 of 205

## MIMO/CDD Radiated Spurious Emission Measurements

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-74.00	15.89	48.89	68.20	-19.31
15540.00	Average	H	-	-	-86.91	23.45	43.54	53.98	-10.44
15540.00	Peak	H	-	-	-75.92	23.45	54.53	73.98	-19.45

Table 7-58. Radiated Measurements MIMO/CDD

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10400.00	Peak	H	-	-	-74.23	16.34	49.11	68.20	-19.09
15600.00	Average	H	-	-	-87.25	23.58	43.33	53.98	-10.65
15600.00	Peak	H	-	-	-75.84	23.58	54.74	73.98	-19.24

Table 7-59. Radiated Measurements MIMO/CDD

FCC ID: BCGA2153	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device			Page 150 of 205

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-74.24	16.21	48.97	68.20	-19.23
15720.00	Average	H	-	-	-87.73	23.90	43.17	53.98	-10.81
15720.00	Peak	H	-	-	-76.23	23.90	54.67	73.98	-19.31

**Table 7-60. Radiated Measurements MIMO/CDD**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-73.90	16.65	49.75	68.20	-18.45
15780.00	Average	H	-	-	-86.46	24.71	45.25	53.98	-8.73
15780.00	Peak	H	-	-	-75.02	24.71	56.69	73.98	-17.29

**Table 7-61. Radiated Measurements MIMO/CDD**

FCC ID: BCGA2153	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device			Page 151 of 205

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-73.26	16.23	49.97	68.20	-18.23
15840.00	Average	H	-	-	-86.30	24.21	44.91	53.98	-9.07
15840.00	Peak	H	-	-	-75.28	24.21	55.93	73.98	-18.05

**Table 7-62. Radiated Measurements MIMO/CDD**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10640.00	Average	H	-	-	-84.85	16.46	38.61	53.98	-15.37
10640.00	Peak	H	-	-	-73.20	16.46	50.26	73.98	-23.72
15960.00	Average	H	-	-	-85.91	24.27	45.36	53.98	-8.62
15960.00	Peak	H	-	-	-74.86	24.27	56.41	73.98	-17.57

**Table 7-63. Radiated Measurements MIMO/CDD**

FCC ID: BCGA2153	 <b>PCTEST®</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device				

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11000.00	Average	H	-	-	-85.67	17.17	38.50	53.98	-15.48
11000.00	Peak	H	-	-	-74.48	17.17	49.69	73.98	-24.29
16500.00	Peak	H	-	-	-73.83	24.01	57.18	68.20	-11.02

**Table 7-64. Radiated Measurements MIMO/CDD**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11160.00	Average	H	-	-	-85.76	17.81	39.05	53.98	-14.93
11160.00	Peak	H	-	-	-74.55	17.81	50.26	73.98	-23.72
16740.00	Peak	H	-	-	-73.79	24.46	57.67	68.20	-10.53

**Table 7-65. Radiated Measurements MIMO/CDD**

FCC ID: BCGA2153	 <b>PCTEST®</b> <small>ENGINEERING LABORATORY, INC.</small>				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11440.00	Average	H	-	-	-85.56	17.74	39.18	53.98	-14.80
11440.00	Peak	H	-	-	-73.59	17.74	51.15	73.98	-22.83
17160.00	Peak	H	-	-	-73.95	23.14	56.19	68.20	-12.01

**Table 7-66. Radiated Measurements MIMO/CDD**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11490.00	Average	H	-	-	-86.43	18.02	38.59	53.98	-15.38
11490.00	Peak	H	-	-	-74.82	18.02	50.20	73.98	-23.77
17235.00	Peak	H	-	-	-75.18	23.35	55.17	68.20	-13.03

**Table 7-67. Radiated Measurements MIMO/CDD**

FCC ID: BCGA2153	 <b>PCTEST®</b> <small>ENGINEERING LABORATORY, INC.</small>				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device				

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11570.00	Average	H	-	-	-86.21	18.27	39.06	53.98	-14.92
11570.00	Peak	H	-	-	-74.25	18.27	51.02	73.98	-22.96
17355.00	Peak	H	-	-	-74.06	23.79	56.73	68.20	-11.47

**Table 7-68. Radiated Measurements MIMO/CDD**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11650.00	Average	H	-	-	-85.39	18.98	40.59	53.98	-13.39
11650.00	Peak	H	-	-	-74.02	18.98	51.96	73.98	-22.02
17475.00	Peak	H	-	-	-74.23	23.53	56.30	68.20	-11.90

**Table 7-69. Radiated Measurements MIMO/CDD**

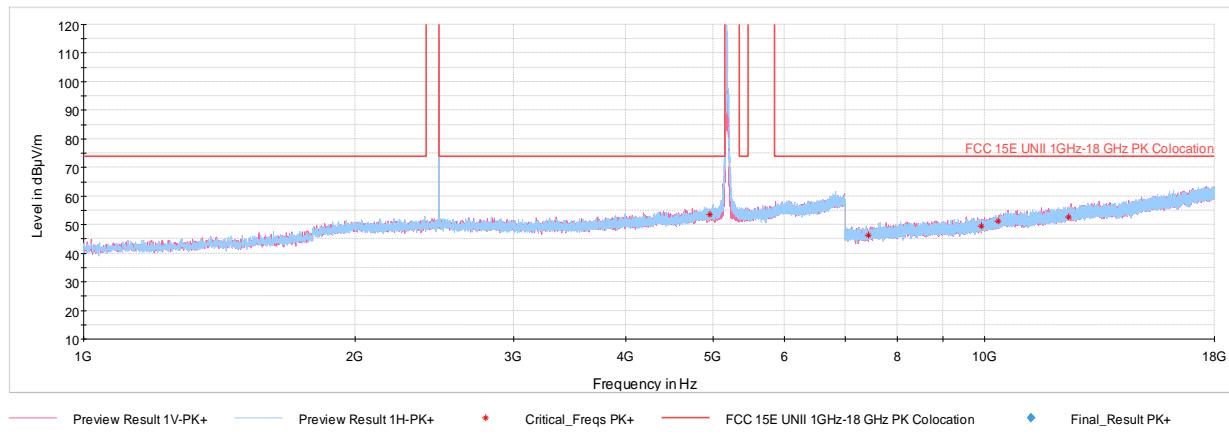
FCC ID: BCGA2153	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device			Page 155 of 205

### 7.6.4 Simultaneous Tx Radiated Spurious Emissions Measurements

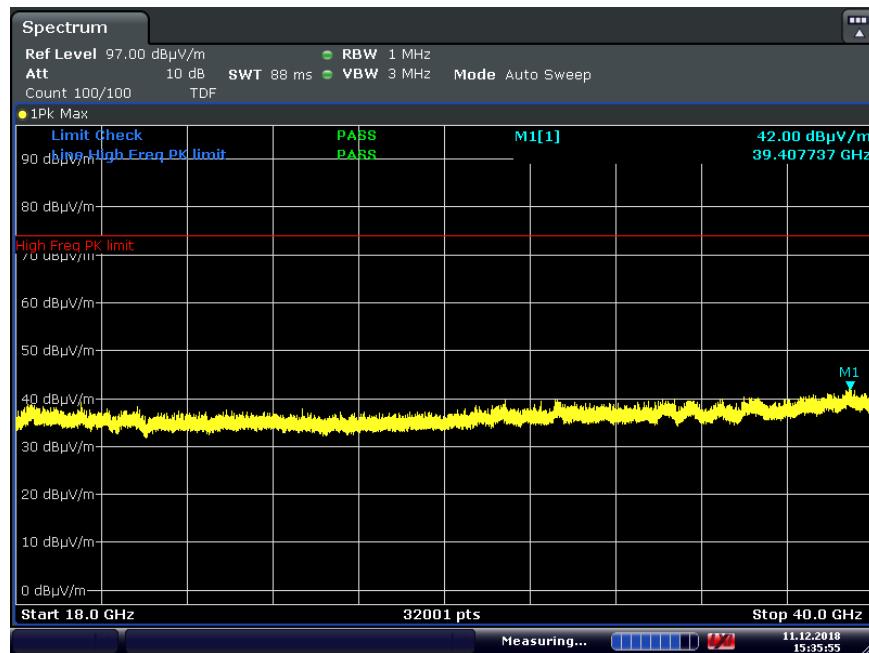
§15.407 §15.205 & §15.209; RSS-Gen [8.9]

Description	2.4 GHz Emission	5 GHz Emission
Antenna	0	0
Channel	78	36
Operating Frequency (MHz)	2480	5180
Data Rate (Mbps)	GFSK/1Mbps	MCS0
Mode	Bluetooth	UNII

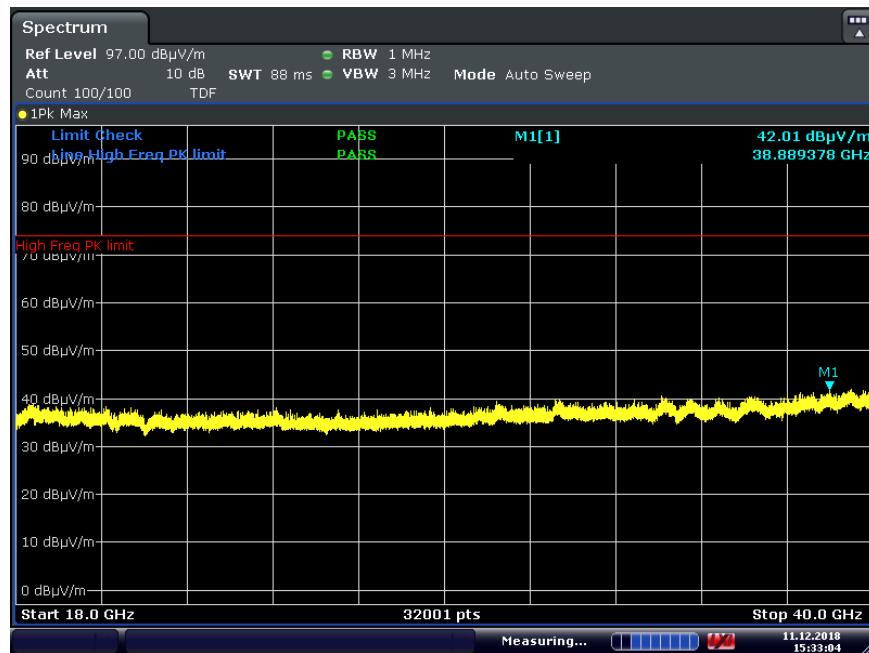
Table 7-70. Worst Case Simultaneous Transmission Config



FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 156 of 205	



**Plot 7-209. Radiated Spurious Plot 18GHz – 40GHz (2.4GHz Ch 78 – 5GHz Ch 36) Pol. H**



**Plot 7-210. Radiated Spurious Plot 18GHz – 40GHz (2.4GHz Ch 78 – 5GHz Ch 36) Pol. V**

FCC ID: BCGA2153	<b>PCTEST®</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 157 of 205	

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
4882.00	Avg	V	-	-	-80.16	16.92	43.76	53.98	-10.22
4882.00	Peak	V	-	-	-69.12	16.92	54.80	73.98	-19.18
7323.00	Avg	V	-	-	-90.33	21.92	38.59	53.98	-15.39
7323.00	Peak	V	-	-	-78.81	21.92	50.11	73.98	-23.87
12205.00	Avg	V	-	-	-91.79	28.88	44.09	53.98	-9.89
12205.00	Peak	V	-	-	-80.28	28.88	55.60	73.98	-18.38
10360.00	Avg	V	-	-	-91.68	26.45	41.77	53.98	-12.21
10360.00	Peak	V	-	-	-80.39	26.45	53.06	73.98	-20.92
15540.00	Avg	V	-	-	-91.94	32.65	47.71	53.98	-6.27
15540.00	Peak	V	-	-	-80.85	32.65	58.80	73.98	-15.18

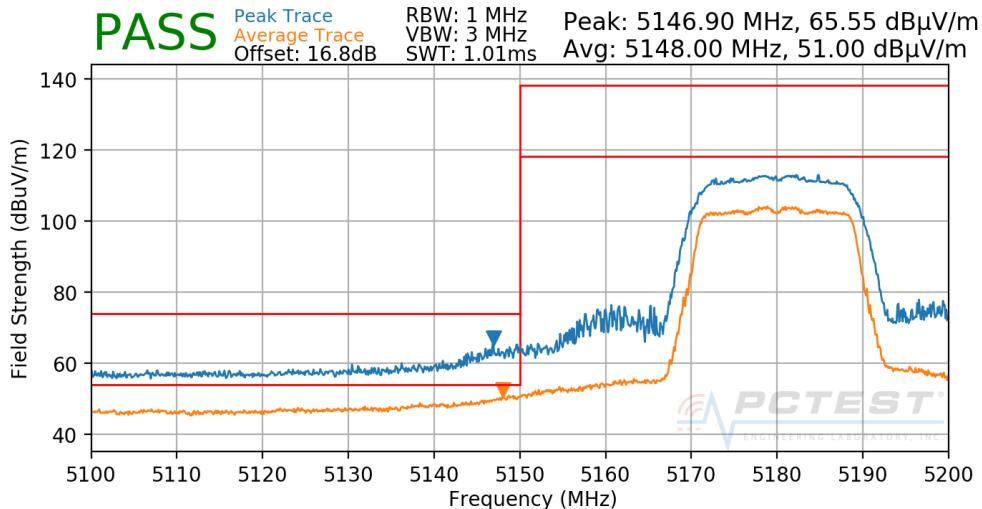
**Table 7-71. Radiated Measurements (2.4GHz Ch 78 – 5GHz Ch 36)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 158 of 205	

### 7.6.5 SISO CORE 0 Radiated Band Edge Measurements (20MHz BW)

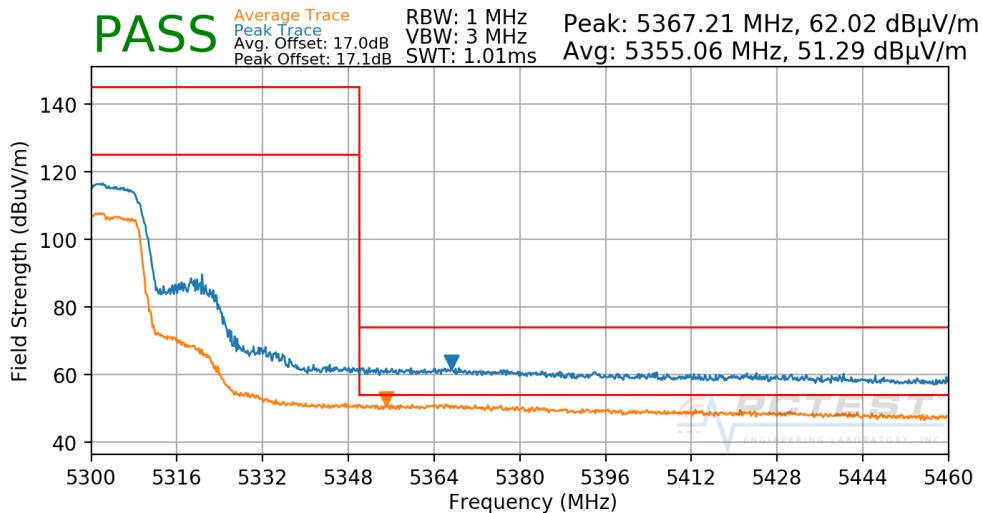
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5180MHz  
 Channel: 36



**Plot 7-211. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)**

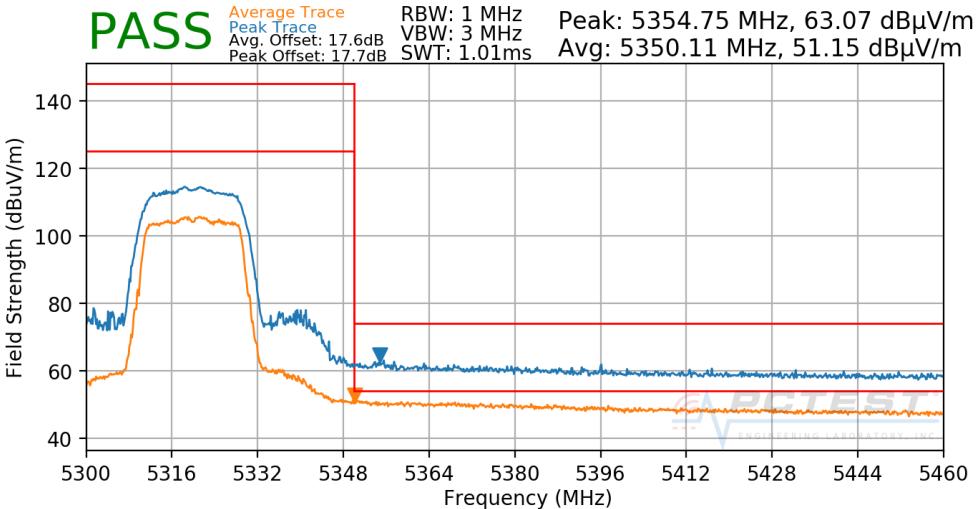
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5300MHz  
 Channel: 60



**Plot 7-212. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

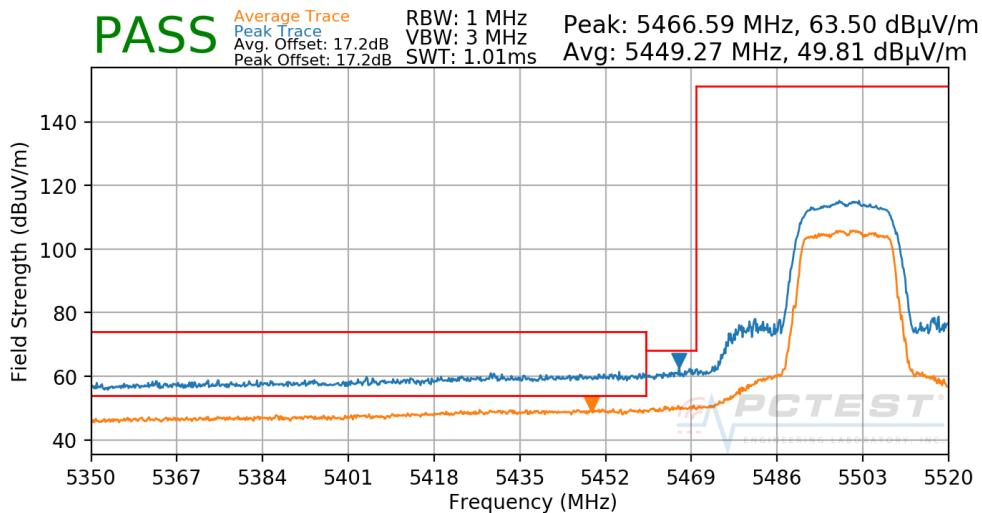
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device		Page 159 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64



**Plot 7-213. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

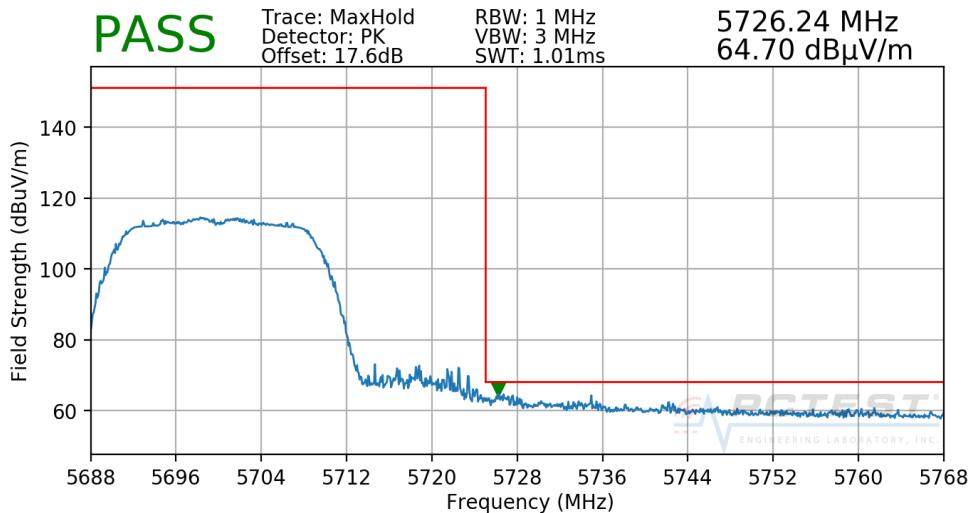
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100



**Plot 7-214. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

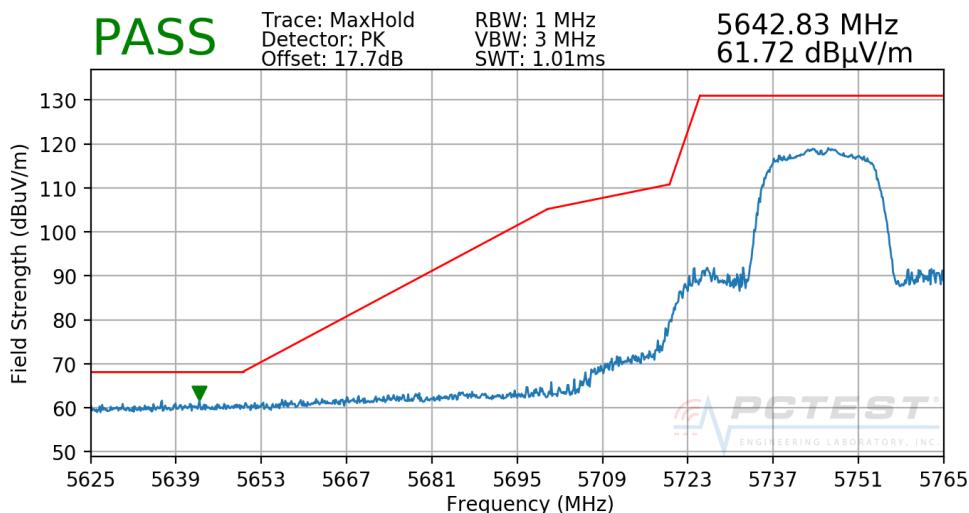
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 160 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5700MHz  
 Channel: 140



**Plot 7-215. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 2C)**

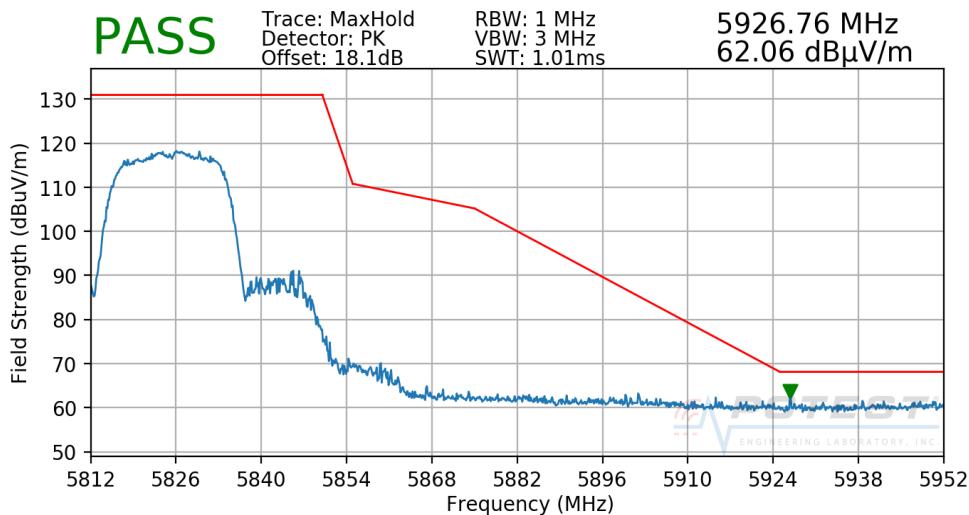
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5745MHz  
 Channel: 149



**Plot 7-216. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 161 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165



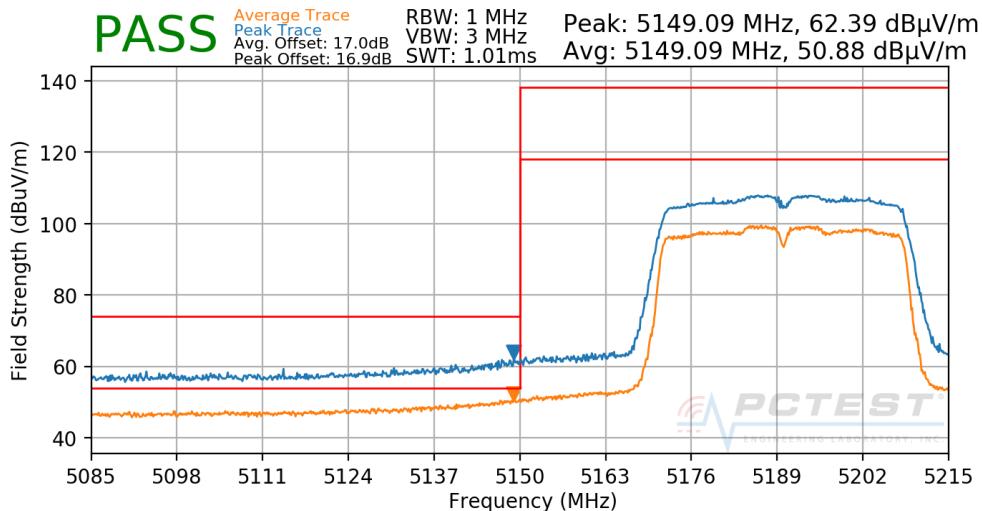
**Plot 7-217. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 162 of 205	

### 7.6.6 SISO CORE 0 Radiated Band Edge Measurements (40MHz BW)

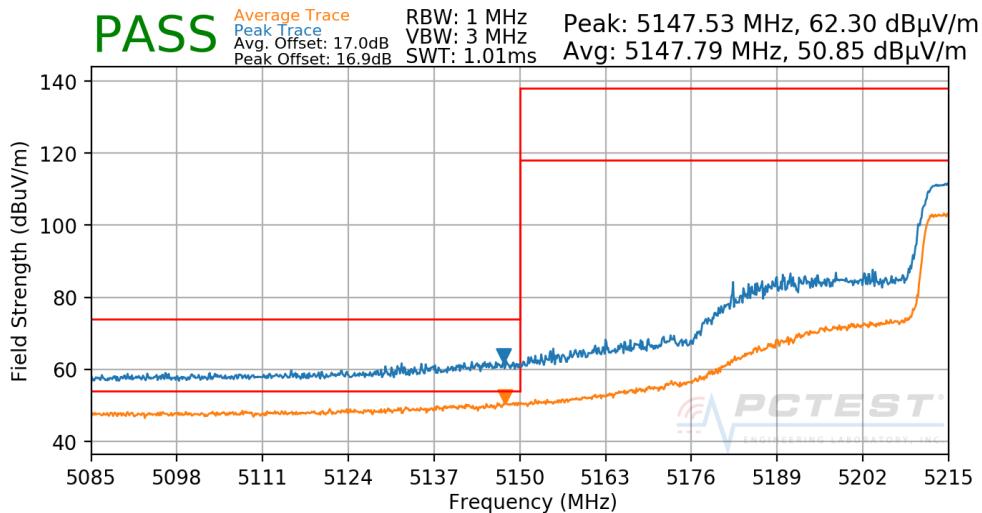
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5190MHz  
 Channel: 38



**Plot 7-218. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)**

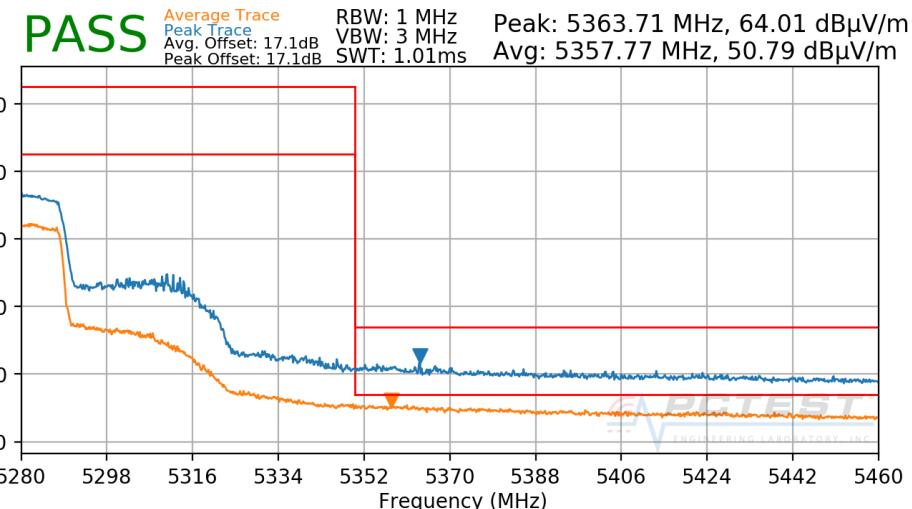
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5230MHz  
 Channel: 46



**Plot 7-219. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)**

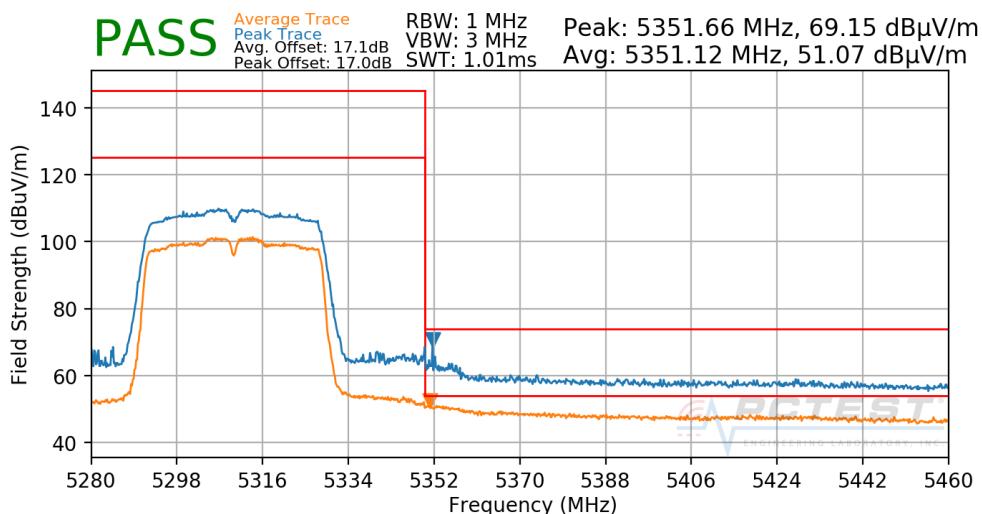
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 163 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5270MHz  
 Channel: 54



**Plot 7-220. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

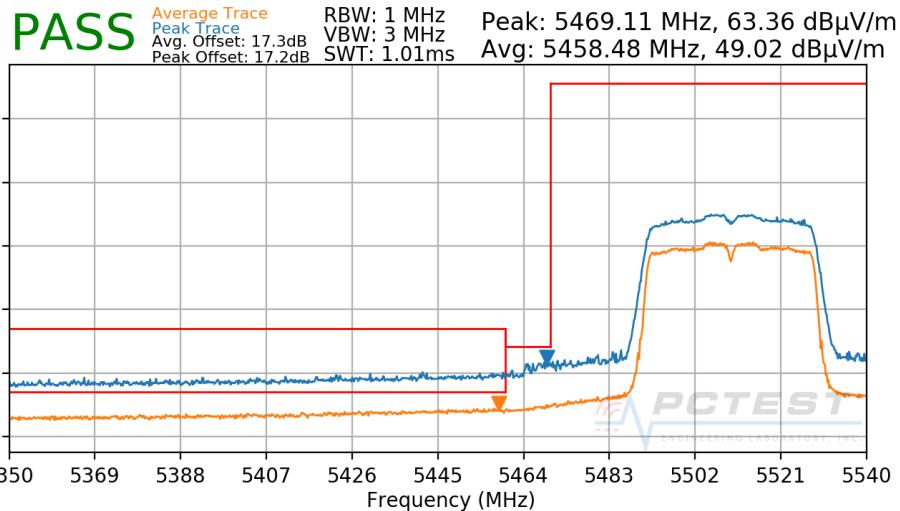
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5310MHz  
 Channel: 62



**Plot 7-221. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

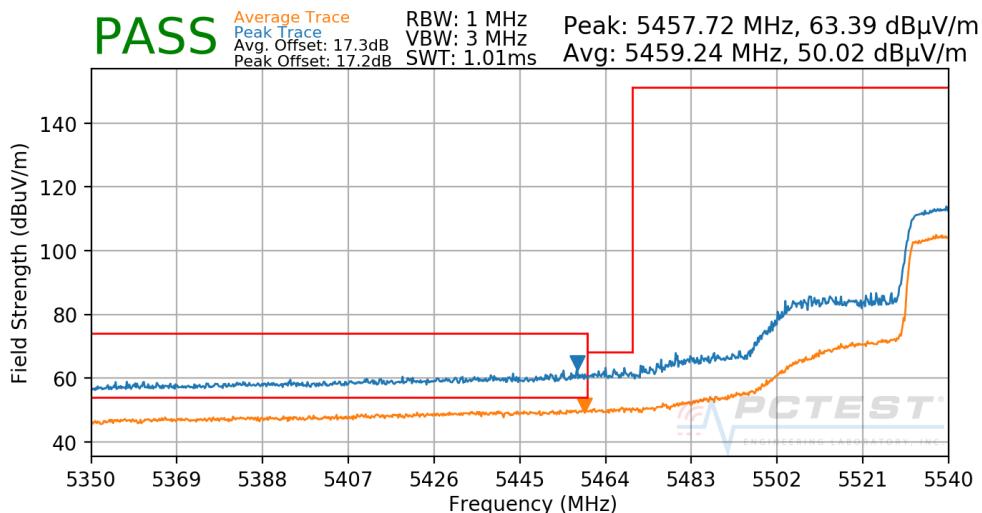
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 164 of 205	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5510MHz  
 Channel: 102



**Plot 7-222. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

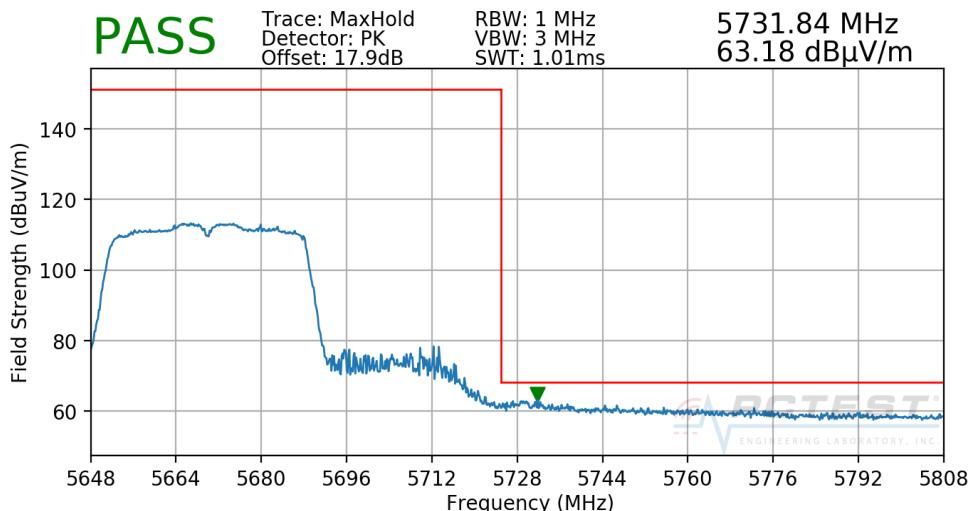
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5550MHz  
 Channel: 110



**Plot 7-223. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

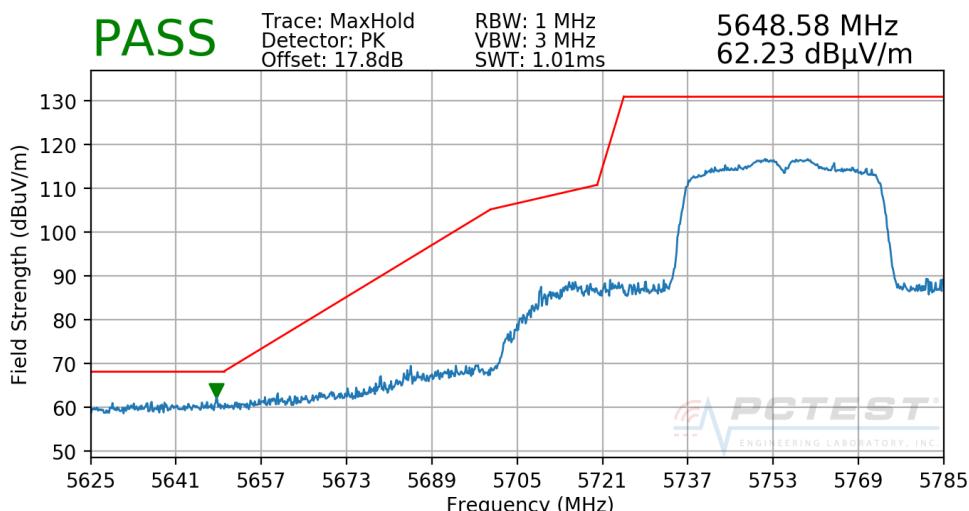
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 165 of 205	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5670 MHz  
 Channel: 134



**Plot 7-224. Radiated Upper Band Edge Plot SISO CORE 0 (Peak - UNII Band 2C)**

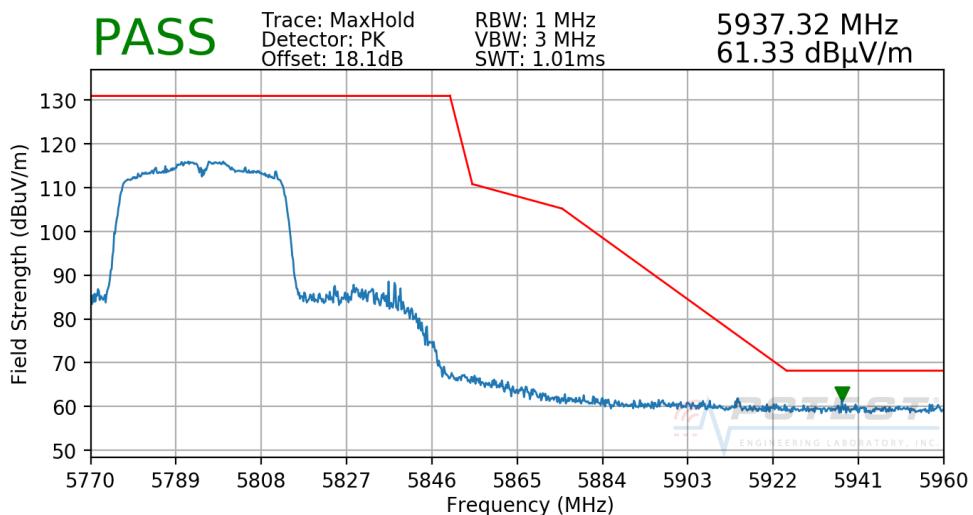
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5755MHz  
 Channel: 151



**Plot 7-225. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 166 of 205	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5795MHz  
 Channel: 159



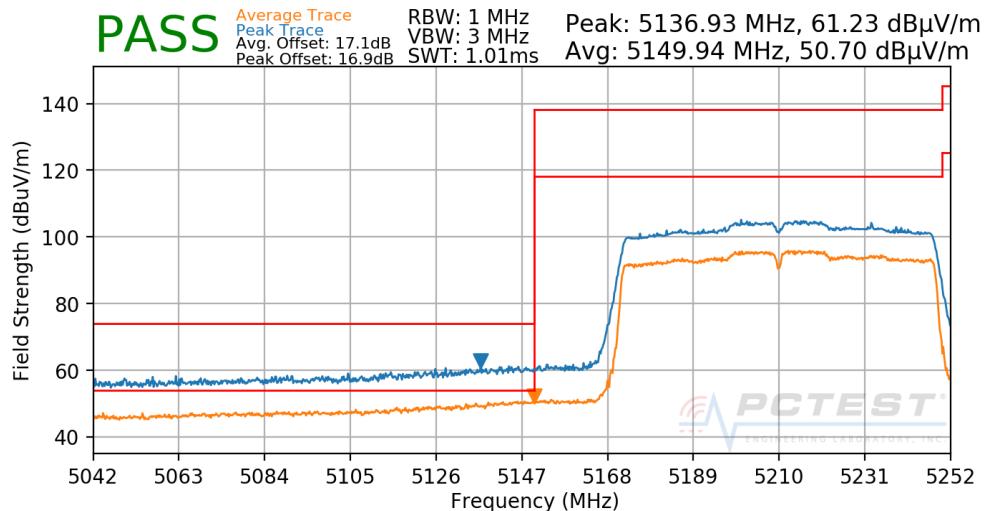
**Plot 7-226. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 167 of 205	

### 7.6.7 SISO CORE 0 Radiated Band Edge Measurements (80MHz BW)

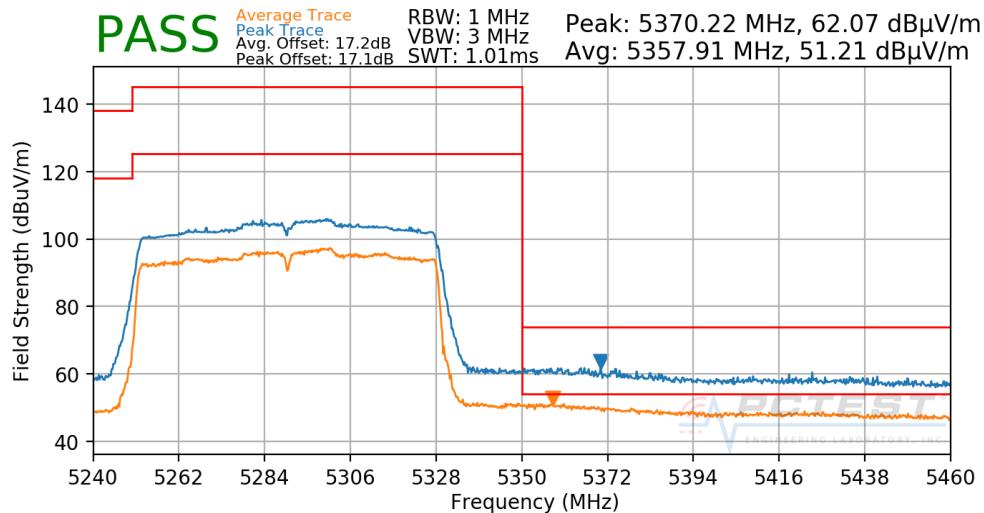
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5210MHz  
 Channel: 42



**Plot 7-227. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)**

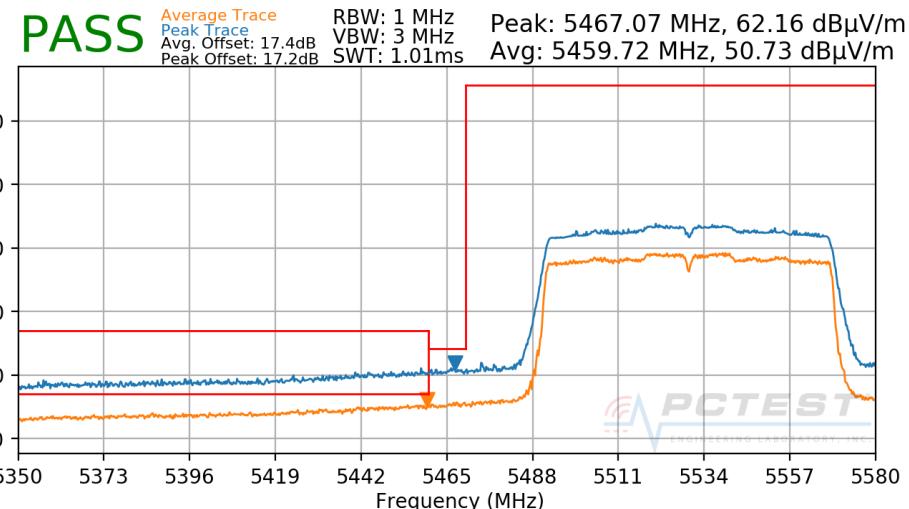
Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5290MHz  
 Channel: 58



**Plot 7-228. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

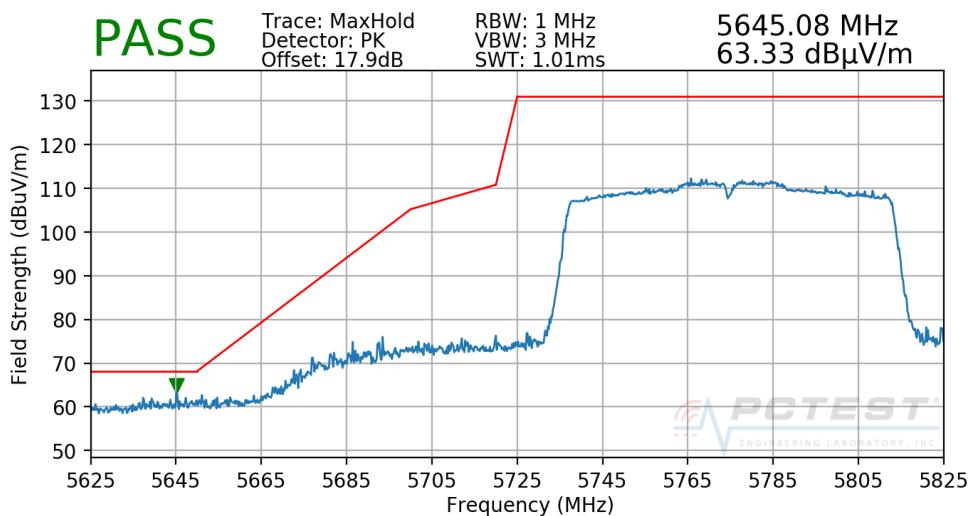
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 168 of 205

Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5530MHz  
 Channel: 106



**Plot 7-229. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

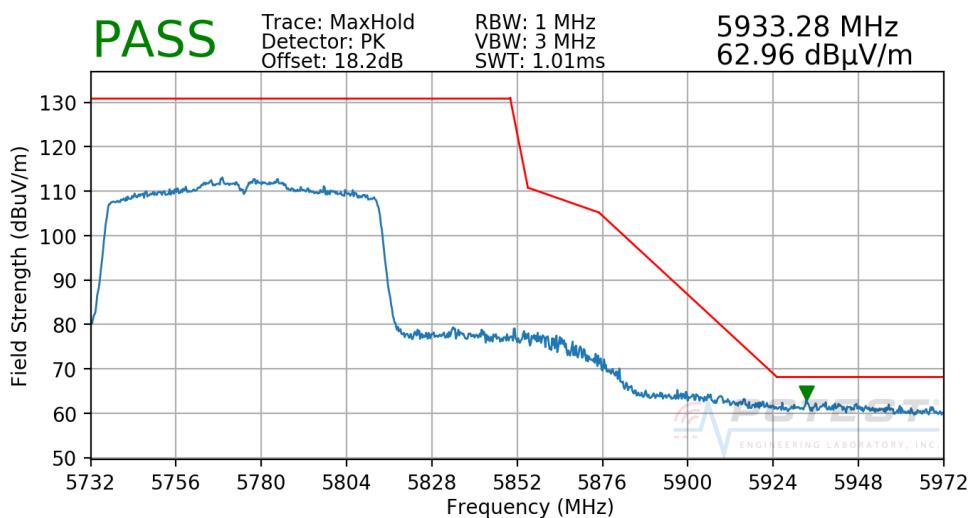
Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5775MHz  
 Channel: 155



**Plot 7-230. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device		Page 169 of 205

Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5775MHz  
 Channel: 155



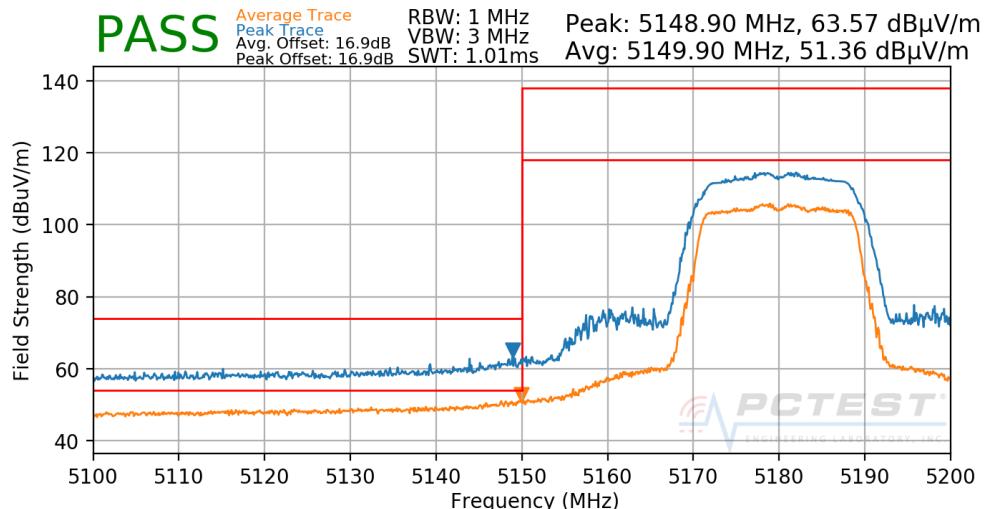
**Plot 7-231. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 170 of 205	

### 7.6.8 SISO CORE 1 Radiated Band Edge Measurements (20MHz BW)

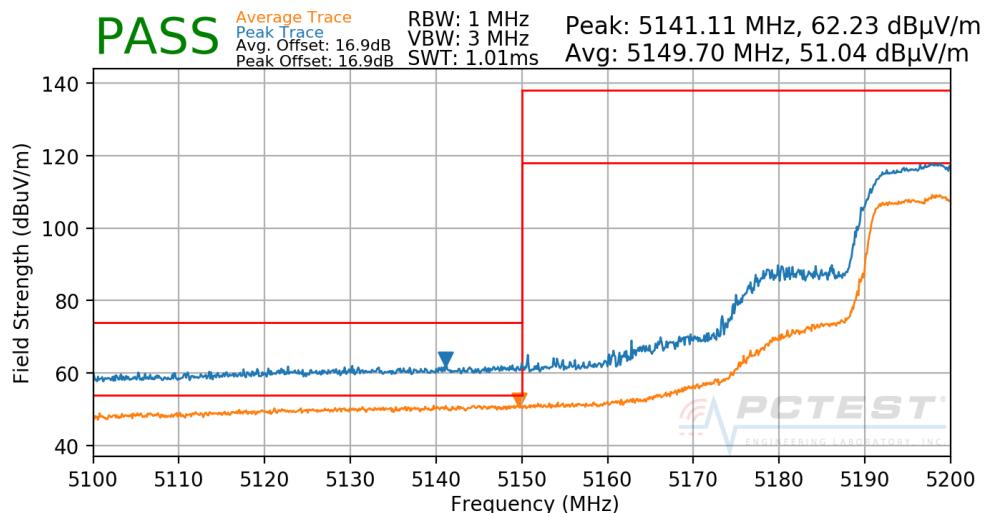
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5180MHz  
 Channel: 36



**Plot 7-232. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 1)**

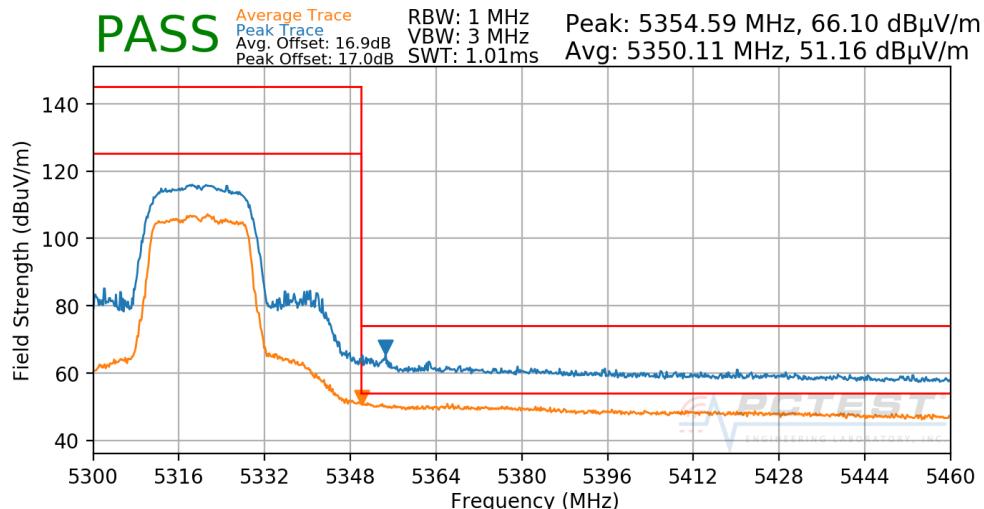
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5200MHz  
 Channel: 40



**Plot 7-233. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 1)**

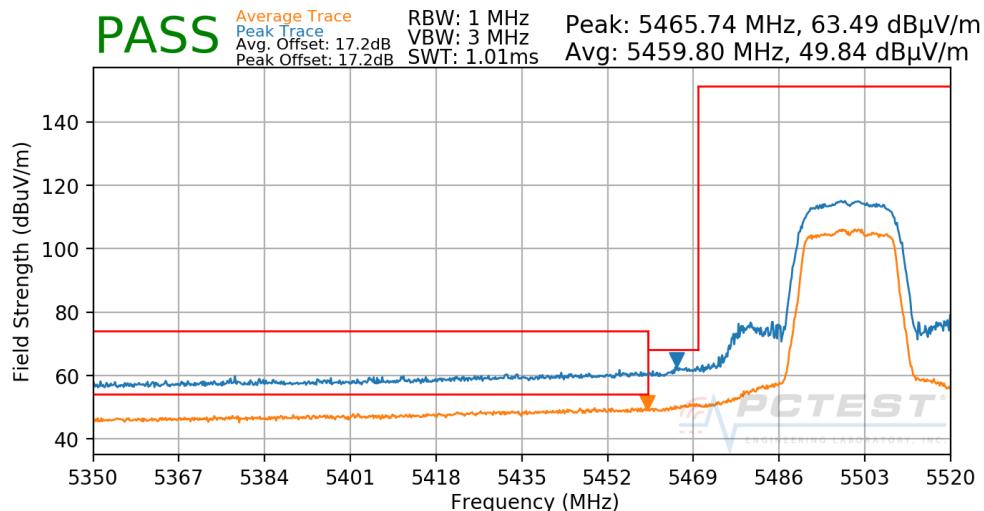
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device		Page 171 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64



**Plot 7-234. Radiated Upper Band Edge Plot SISO CORE 1 (UNII Band 2A)**

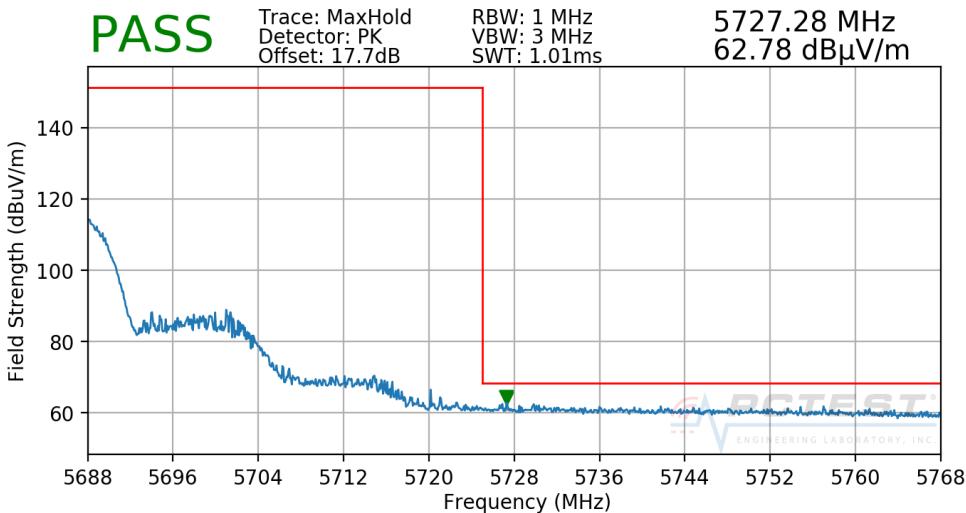
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100



**Plot 7-235. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 2C)**

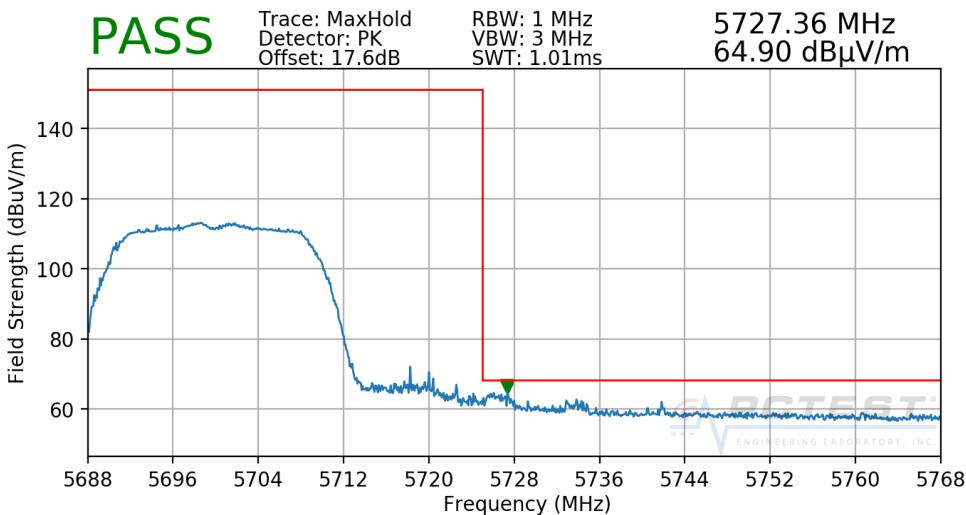
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 172 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5680MHz  
 Channel: 136



**Plot 7-236. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 2C)**

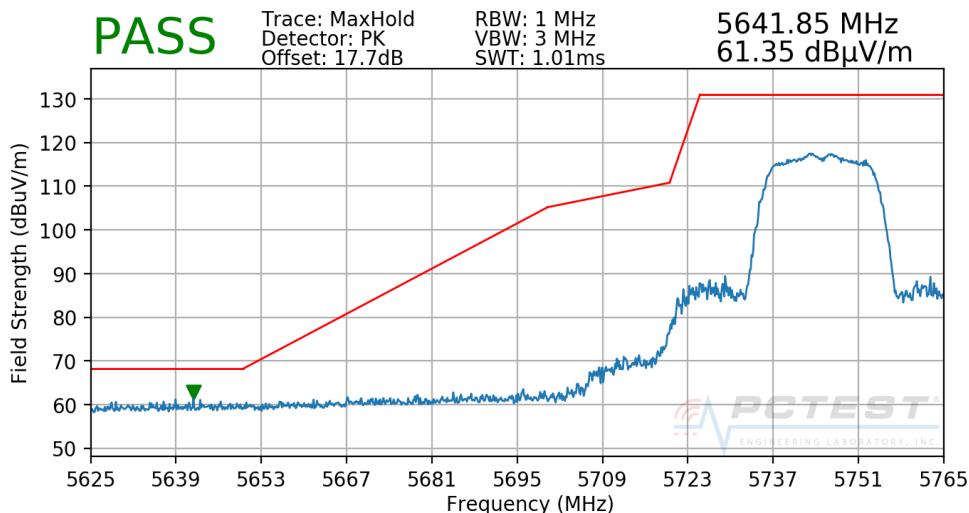
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5700MHz  
 Channel: 140



**Plot 7-237. Radiated Upper Band Edge Plot SISO CORE 1 (Peak – UNII Band 2C)**

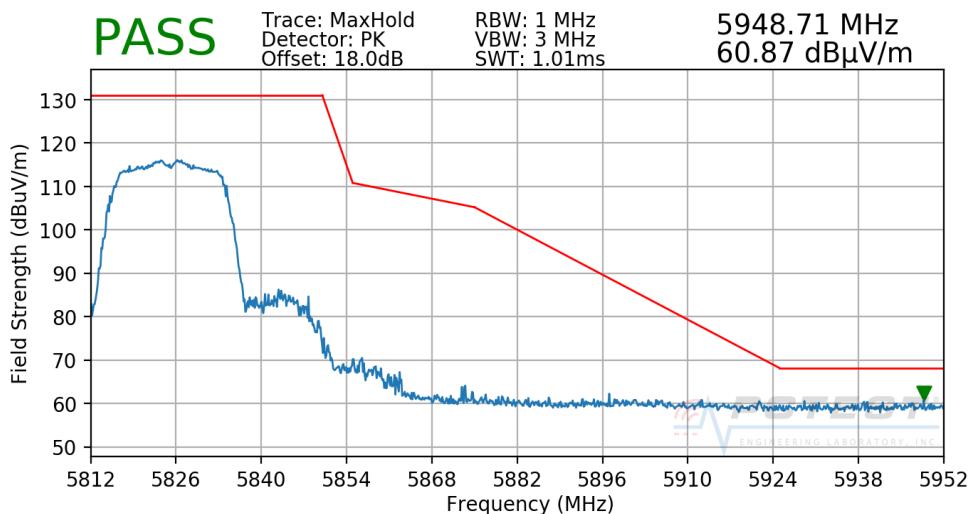
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 173 of 205	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5745MHz  
 Channel: 149



**Plot 7-238. Radiated Lower Band Edge Plot SISO CORE 1 (Peak – UNII Band 3)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165



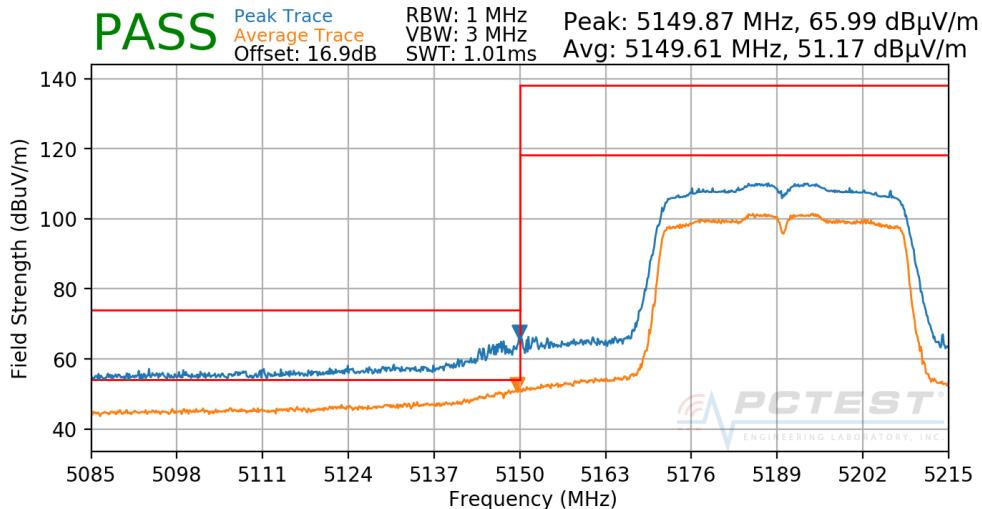
**Plot 7-239. Radiated Upper Band Edge Plot SISO CORE 1 (Peak – UNII Band 3)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 174 of 205	

### 7.6.9 SISO CORE 1 Radiated Band Edge Measurements (40MHz BW)

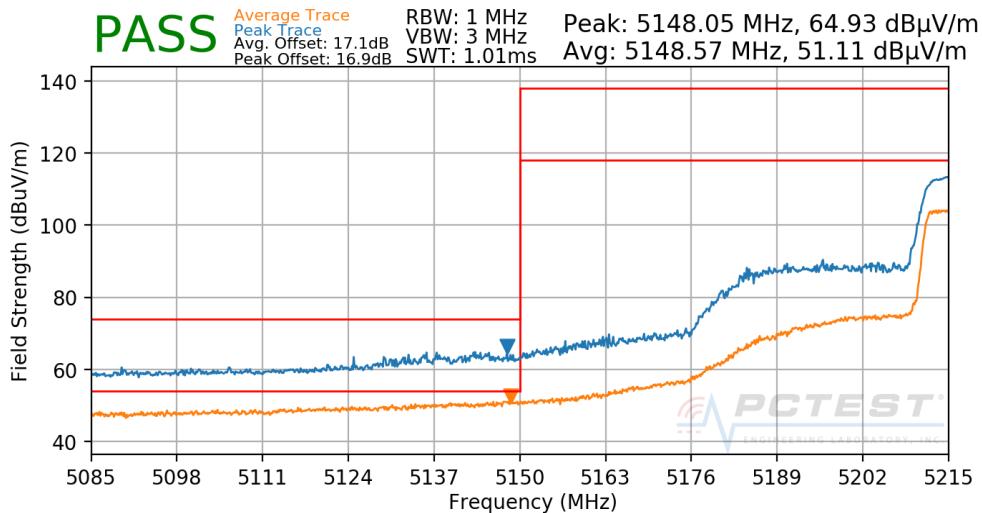
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5190MHz  
 Channel: 38



**Plot 7-240. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 1)**

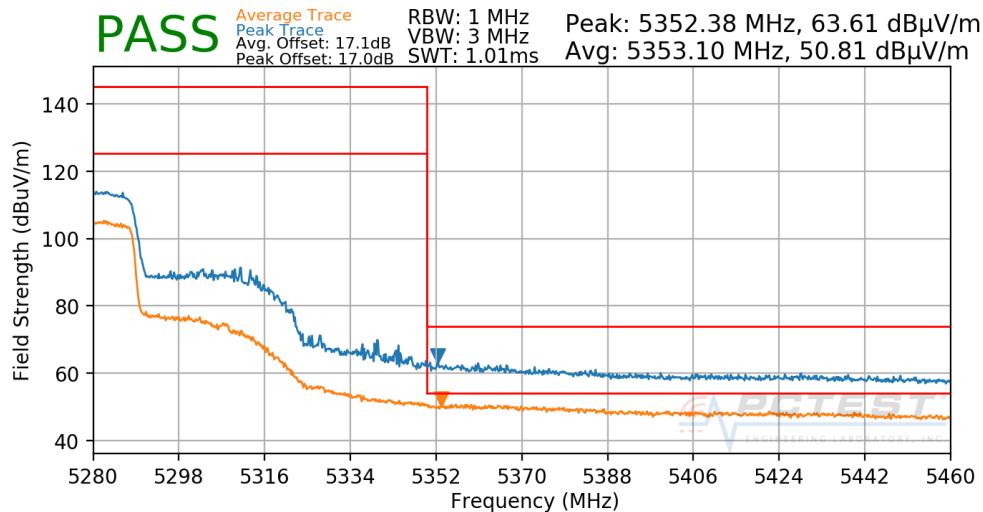
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5230MHz  
 Channel: 46



**Plot 7-241. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 1)**

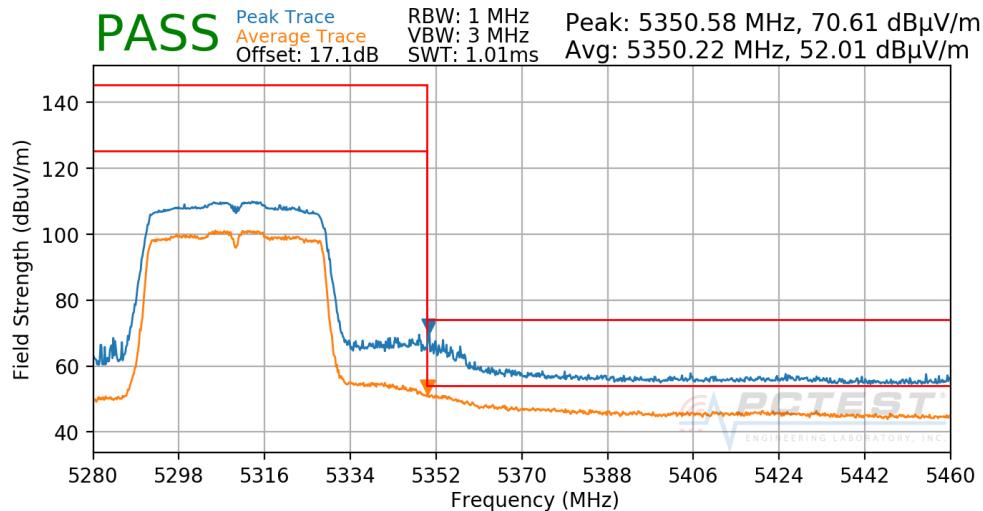
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 175 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5270MHz  
 Channel: 54



**Plot 7-242. Radiated Upper Band Edge Plot SISO CORE 1 (UNII Band 2A)**

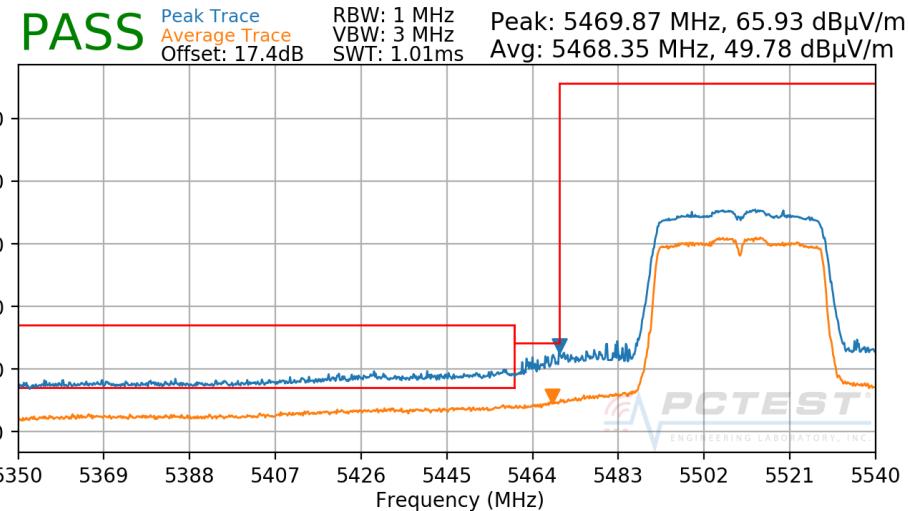
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5310MHz  
 Channel: 62



**Plot 7-243. Radiated Upper Band Edge Plot SISO CORE 1 (UNII Band 2A)**

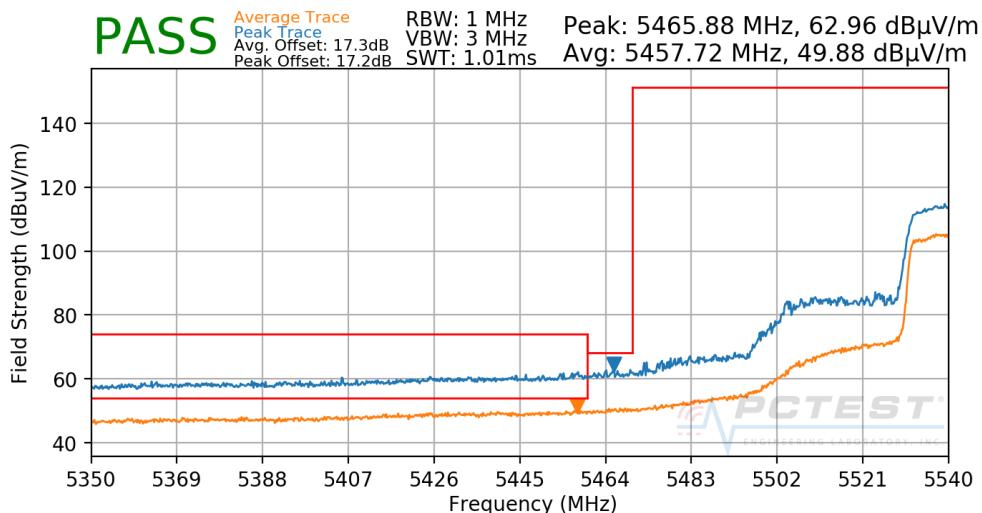
FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 176 of 205

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5510MHz  
 Channel: 102



**Plot 7-244. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 2C)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5550MHz  
 Channel: 110



**Plot 7-245. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 2C)**

FCC ID: BCGA2153	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1811080028-10.BCG	Test Dates: 11/09/2018-02/02/2019	EUT Type: Tablet Device	Page 177 of 205	