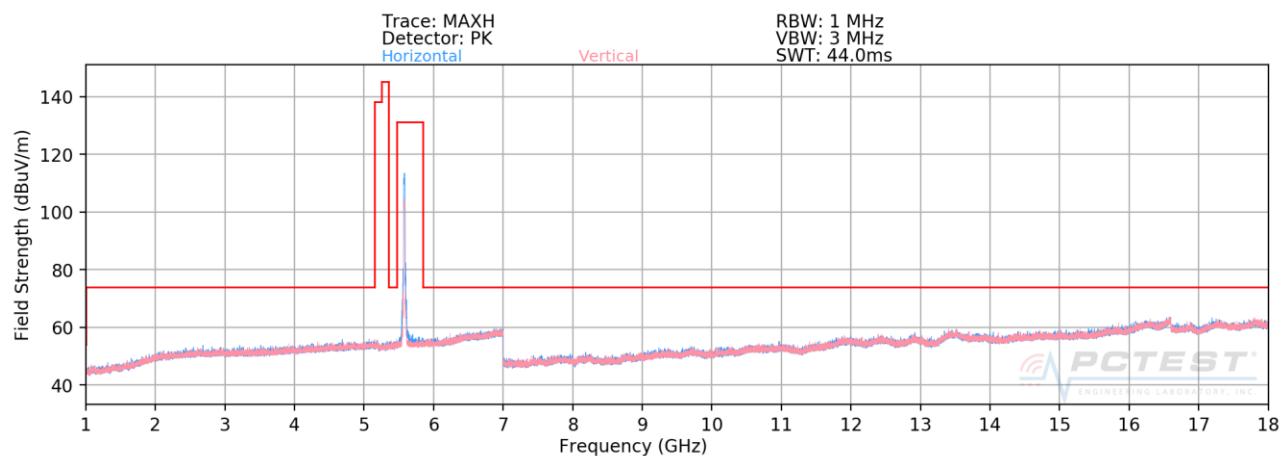
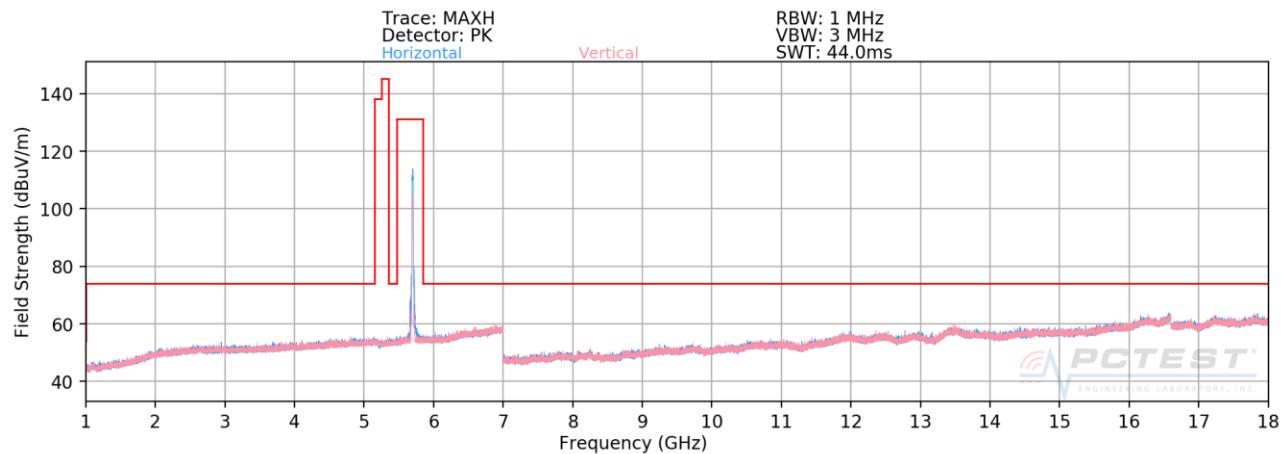


**Plot 7-189. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U2C Ch. 100)**

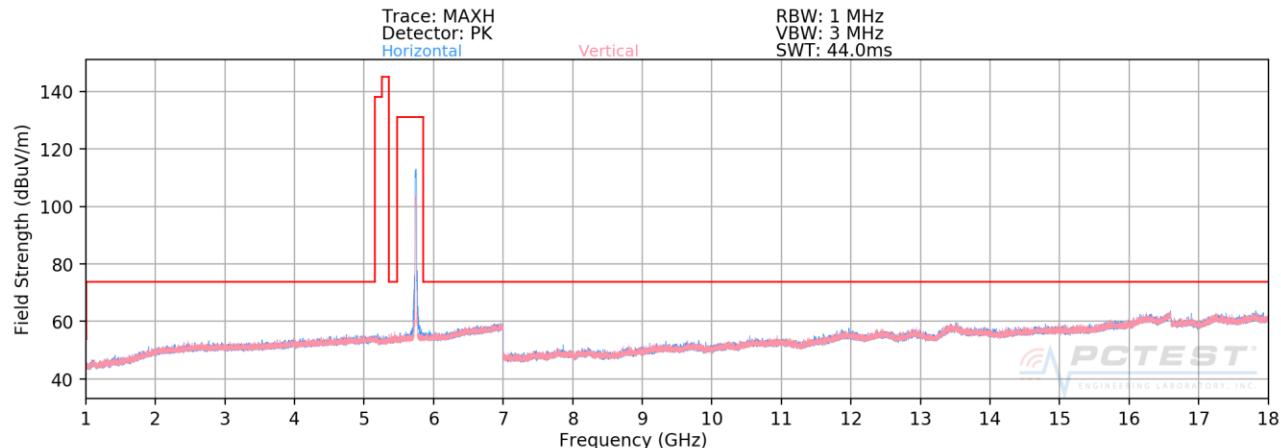


**Plot 7-190. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U2C Ch. 116)**

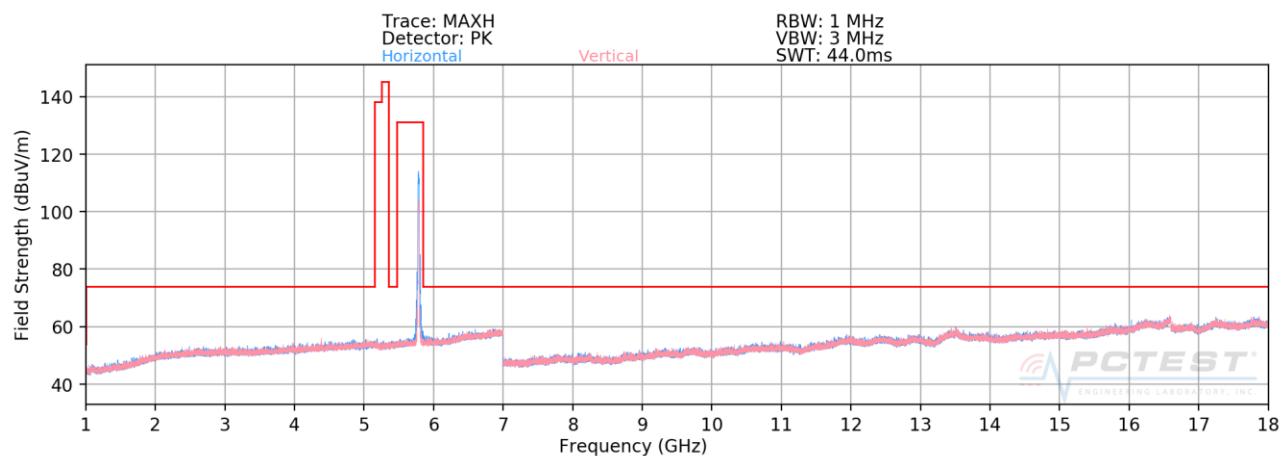


**Plot 7-191. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U2C Ch. 144)**

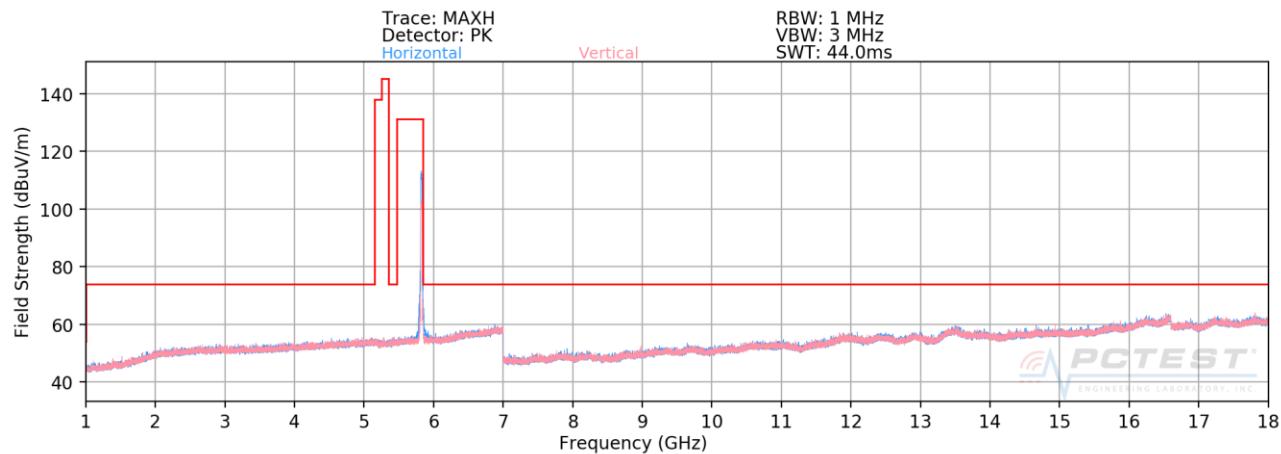
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device		Page 140 of 210



**Plot 7-192. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U3 Ch. 149)**



**Plot 7-193. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U3 Ch. 157)**



**Plot 7-194. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U3 Ch. 165)**

FCC ID: BCGA2200	<b>PCTEST</b> ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 141 of 210

## SISO CORE-1 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	-	-	-72.71	18.68	52.97	68.20	-15.23
15540.00	Average	H	-	-	-86.01	25.81	46.80	53.98	-7.18
15540.00	Peak	H	-	-	-74.17	25.81	58.64	73.98	-15.34

Table 7-48. Radiated Measurements SISO CORE 1

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	-	-	-73.13	18.77	52.64	68.20	-15.56
15600.00	Average	H	-	-	-86.23	26.00	46.77	53.98	-7.20
15600.00	Peak	H	-	-	-74.18	26.00	58.82	73.98	-15.15

Table 7-49. Radiated Measurements SISO CORE 1

FCC ID: BCGA2200		MEASUREMENT REPORT (CERTIFICATION)					Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device					

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	-	-	-73.57	19.74	53.17	68.20	-15.03
15720.00	Average	H	-	-	-86.30	25.93	46.63	53.98	-7.35
15720.00	Peak	H	-	-	-74.27	25.93	58.66	73.98	-15.32

**Table 7-50. Radiated Measurements SISO CORE 1**

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	-	-	-74.08	19.87	52.79	68.20	-15.41
15780.00	Average	H	-	-	-86.35	26.00	46.65	53.98	-7.33
15780.00	Peak	H	-	-	-74.98	26.00	58.02	73.98	-15.96

**Table 7-51. Radiated Measurements SISO CORE 1**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 143 of 210

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	-	-	-73.14	19.88	53.74	68.20	-14.46
15840.00	Average	H	-	-	-86.38	26.06	46.68	53.98	-7.30
15840.00	Peak	H	-	-	-74.09	26.06	58.97	73.98	-15.01

**Table 7-52. Radiated Measurements SISO CORE 1**

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	-	-	-85.11	19.78	41.67	53.98	-12.31
10640.00	Peak	H	-	-	-73.63	19.78	53.15	73.98	-20.83
15960.00	Average	H	-	-	-85.82	26.21	47.39	53.98	-6.59
15960.00	Peak	H	-	-	-73.95	26.21	59.26	73.98	-14.72

**Table 7-53. Radiated Measurements SISO CORE 1**

FCC ID: BCGA2200	 PCTEST <sup>®</sup> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	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	-	-	-85.11	19.74	41.63	53.98	-12.35
11000.00	Peak	H	-	-	-73.26	19.74	53.48	73.98	-20.50
16500.00	Peak	H	-	-	-73.20	26.89	60.69	68.20	-7.51

**Table 7-54. Radiated Measurements SISO CORE 1**

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	-	-	-85.28	19.62	41.34	53.98	-12.64
11160.00	Peak	H	-	-	-73.03	19.62	53.59	73.98	-20.39
16740.00	Peak	H	-	-	-73.76	27.08	60.32	68.20	-7.88

**Table 7-55. Radiated Measurements SISO CORE 1**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	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	20.35	41.79	53.98	-12.19
11440.00	Peak	H	-	-	-74.12	20.35	53.23	73.98	-20.75
17160.00	Peak	H	-	-	-73.83	27.22	60.39	68.20	-7.81

**Table 7-56. Radiated Measurements SISO CORE 1**

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	-	-	-85.90	20.18	41.28	53.98	-12.70
11490.00	Peak	H	-	-	-74.29	20.18	52.89	73.98	-21.09
17235.00	Peak	H	-	-	-74.29	28.56	61.27	68.20	-6.93

**Table 7-57. Radiated Measurements SISO CORE 1**

FCC ID: BCGA2200	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 146 of 210

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	-	-	-85.31	20.30	41.99	53.98	-11.99
11570.00	Peak	H	-	-	-73.73	20.30	53.57	73.98	-20.41
17355.00	Peak	H	-	-	-74.27	28.15	60.88	68.20	-7.32

**Table 7-58. Radiated Measurements SISO CORE 1**

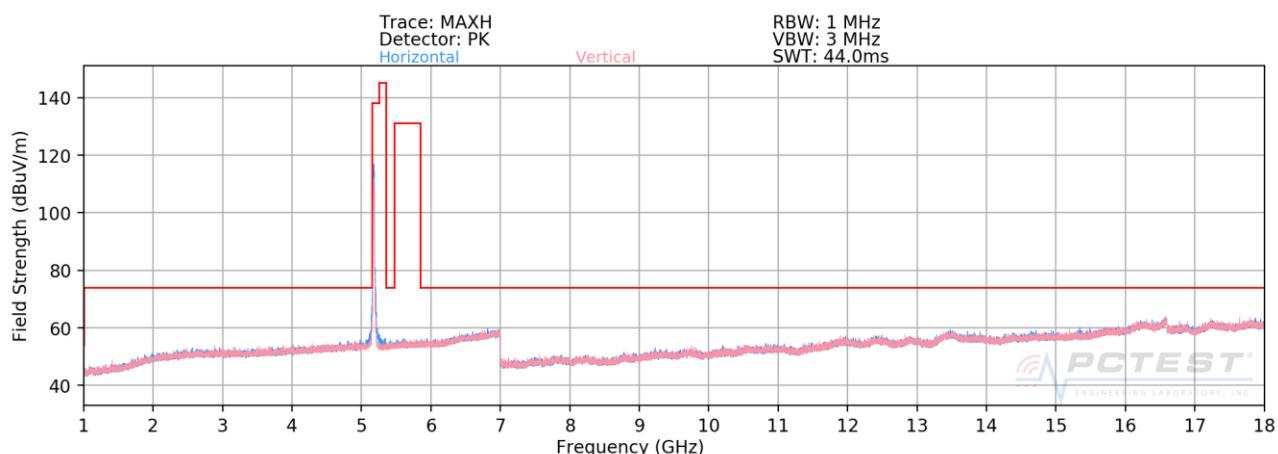
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

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	-	-	-85.54	21.09	42.55	53.98	-11.43
11650.00	Peak	H	-	-	-73.50	21.09	54.59	73.98	-19.39
17475.00	Peak	H	-	-	-73.87	28.31	61.44	68.20	-6.76

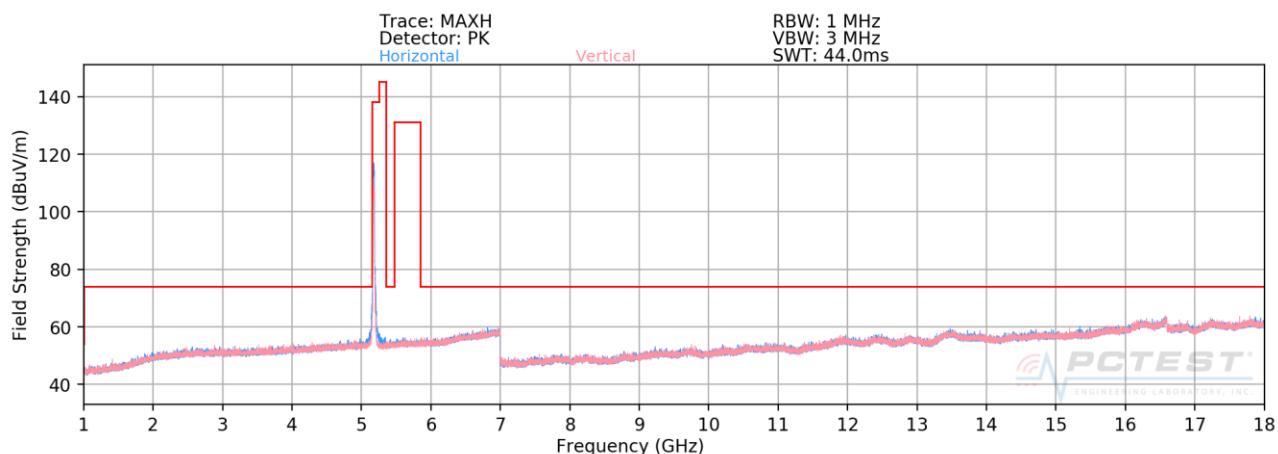
**Table 7-59. Radiated Measurements SISO CORE 1**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 147 of 210

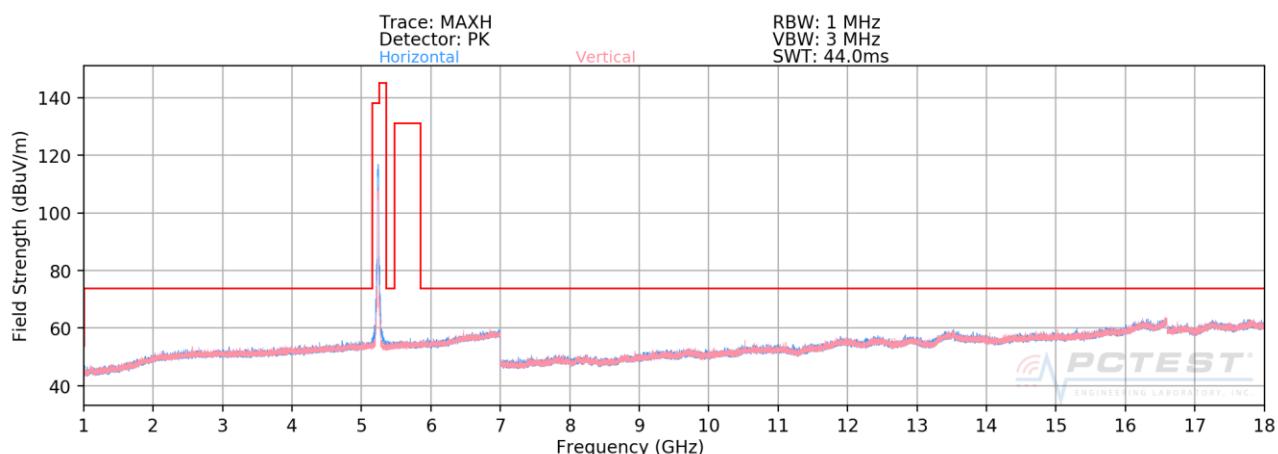
### 7.6.3 CDD/SDM Radiated Spurious Emission Measurements



Plot 7-195. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 36)

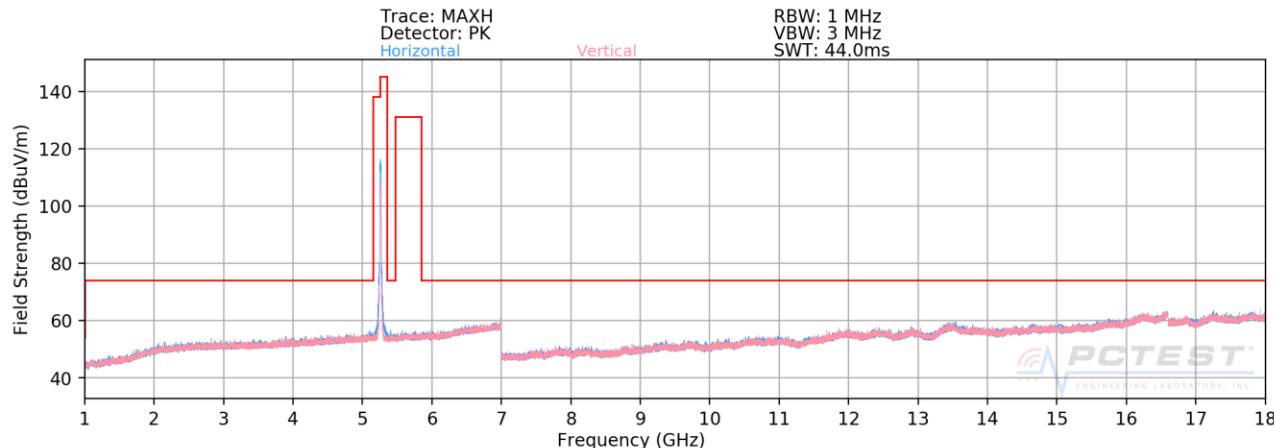


Plot 7-196. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 40)

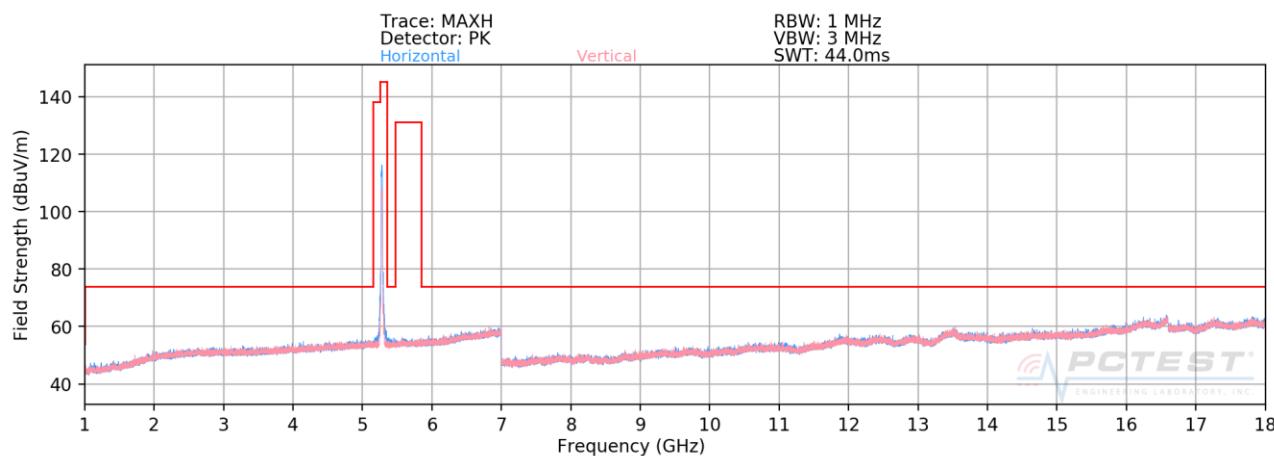


Plot 7-197. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 48)

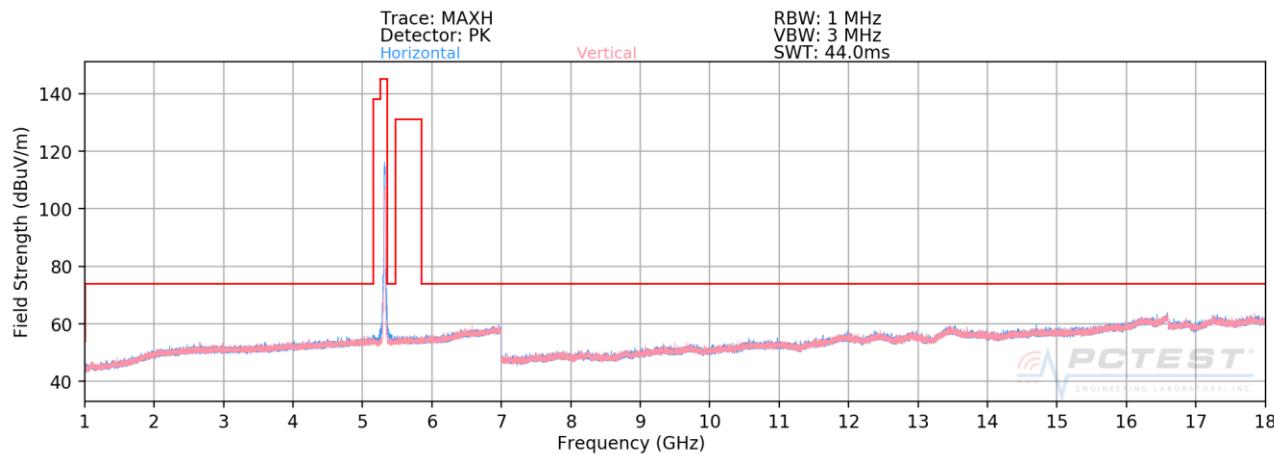
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device		Page 148 of 210



**Plot 7-198. Radiated Spurious Plot above 1GHz SDM (802.11n – U2A Ch. 52)**

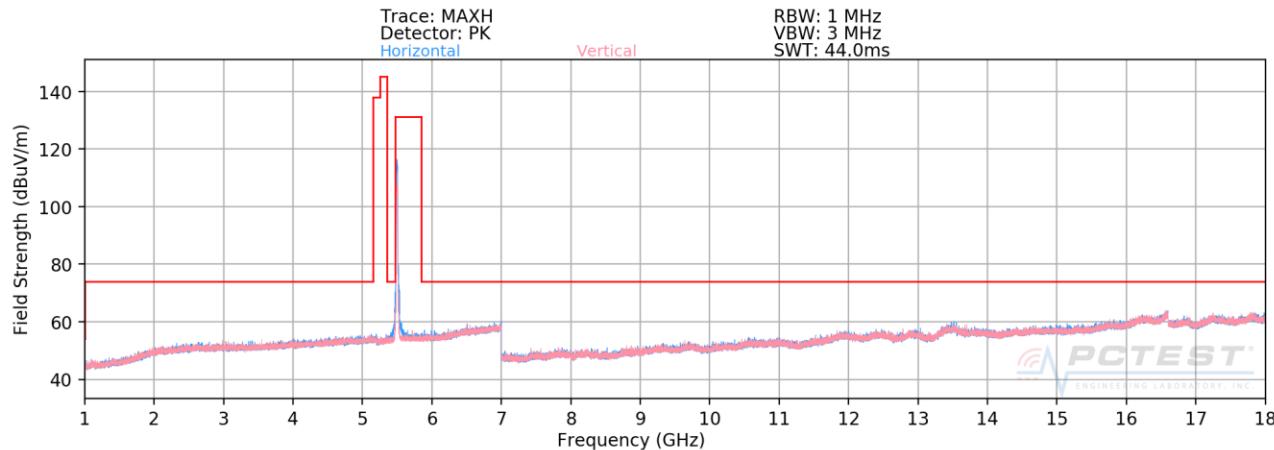


**Plot 7-199. Radiated Spurious Plot above 1GHz SDM (802.11n – U2A Ch. 56)**

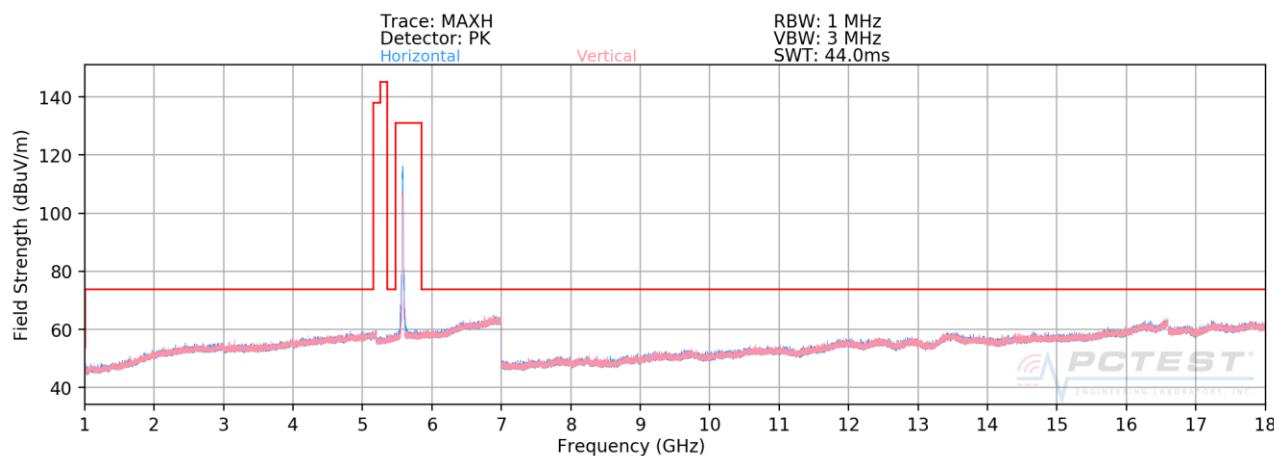


**Plot 7-200. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 64)**

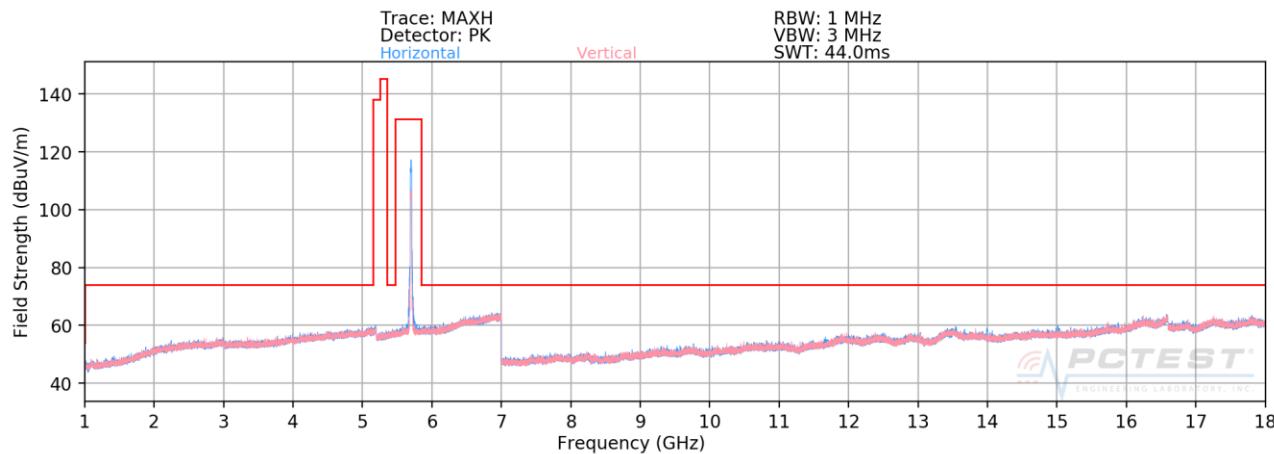
FCC ID: BCGA2200	<b>PCTEST</b> ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 149 of 210



**Plot 7-201. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 100)**

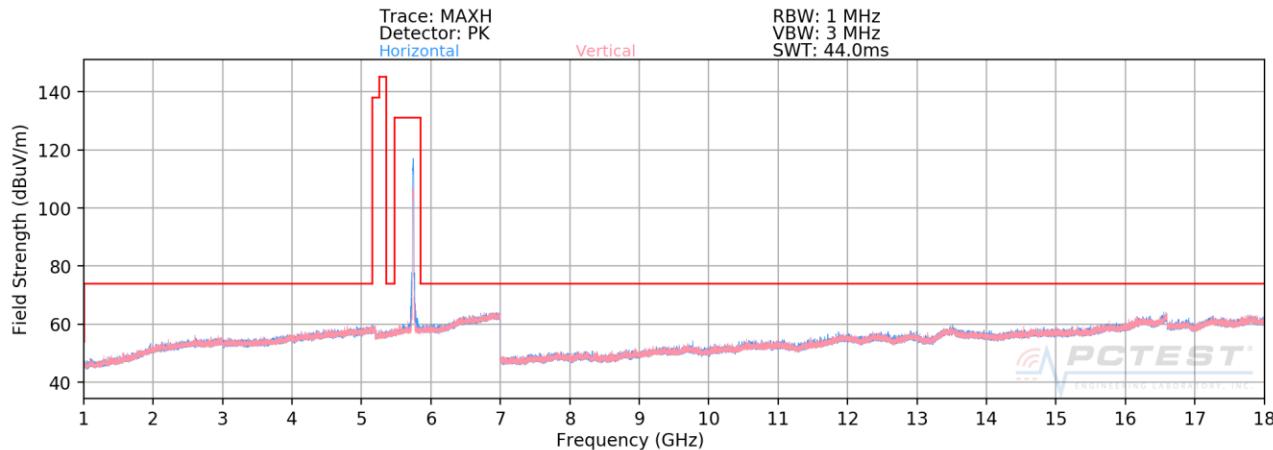


**Plot 7-202. Radiated Spurious Plot above 1GHz SDM (802.11n – U2C Ch. 116)**

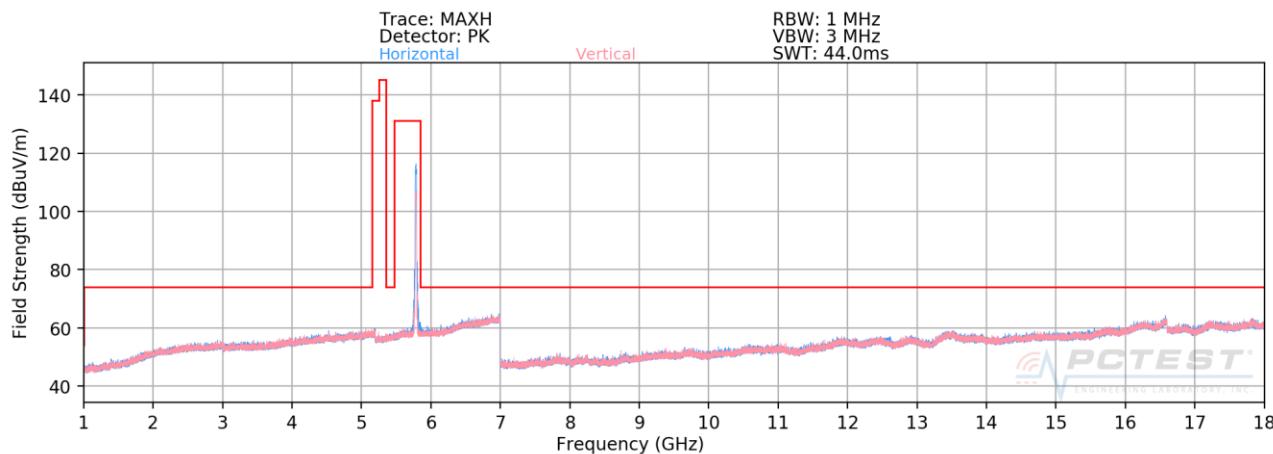


**Plot 7-203. Radiated Spurious Plot above 1GHz SDM (802.11n – U2C Ch. 144)**

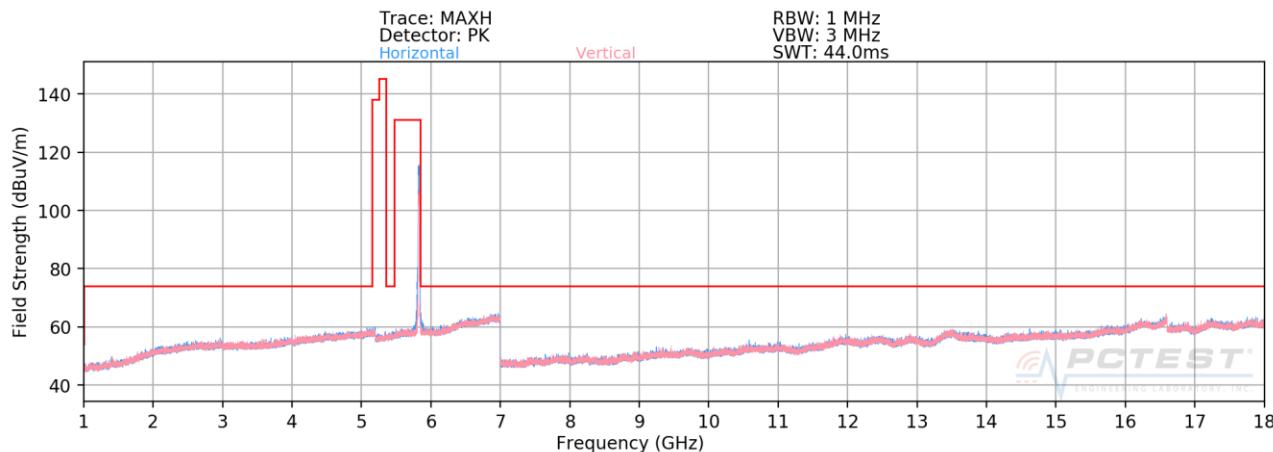
FCC ID: BCGA2200	<b>PCTEST</b> ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 150 of 210



**Plot 7-204. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 149)**



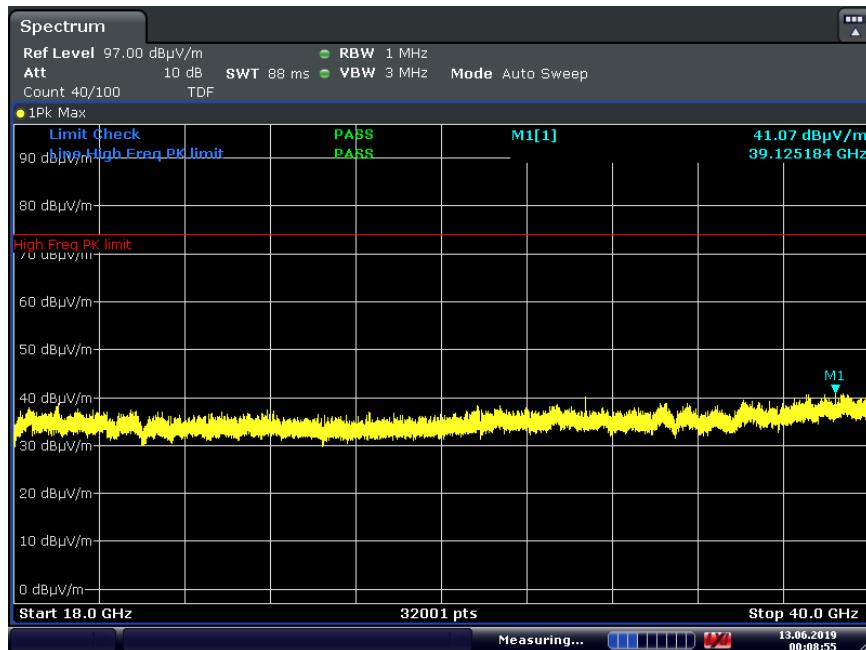
**Plot 7-205. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 157)**



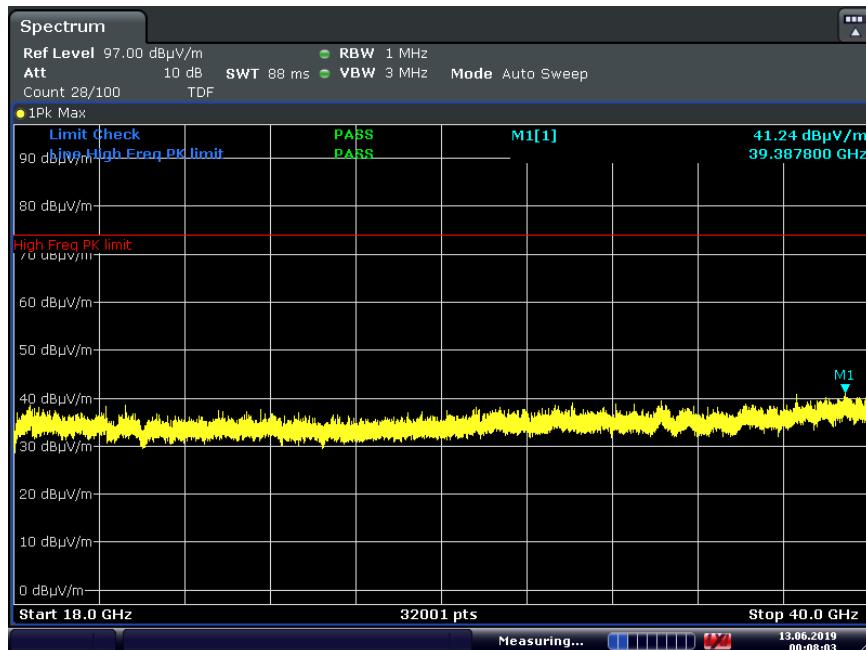
**Plot 7-206. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 165)**

FCC ID: BCGA2200	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 151 of 210	

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



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



Plot 7-208. Radiated Spurious Plot 18GHz – 40GHz CDD (802.11n – Ch.36, Pol. V)

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 152 of 210

## CDD/SDM 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	-	-	-73.37	18.68	52.31	68.20	-15.89
15540.00	Average	H	-	-	-86.33	25.81	46.48	53.98	-7.50
15540.00	Peak	H	-	-	-74.26	25.81	58.55	73.98	-15.43

Table 7-60. Radiated Measurements 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	-	-	-73.07	18.77	52.70	68.20	-15.50
15600.00	Average	H	-	-	-86.43	26.00	46.57	53.98	-7.40
15600.00	Peak	H	-	-	-74.43	26.00	58.57	73.98	-15.40

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2200		MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device				

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	-	-	-73.70	19.74	53.04	68.20	-15.16
15720.00	Average	H	-	-	-86.30	25.93	46.63	53.98	-7.35
15720.00	Peak	H	-	-	-74.45	25.93	58.48	73.98	-15.50

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

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS8  
 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	-	-	-73.72	19.87	53.15	68.20	-15.05
15780.00	Average	H	-	-	-86.47	26.00	46.53	53.98	-7.45
15780.00	Peak	H	-	-	-74.46	26.00	58.54	73.98	-15.44

**Table 7-63. Radiated Measurements SDM**

FCC ID: BCGA2200	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 154 of 210

Worst Case Mode: 802.11n  
 Worst Case Transfer 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 [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-73.33	19.88	53.55	68.20	-14.65
15840.00	Average	H	-	-	-86.57	26.06	46.49	53.98	-7.49
15840.00	Peak	H	-	-	-74.64	26.06	58.42	73.98	-15.56

**Table 7-64. Radiated Measurements SDM**

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	-	-	-85.18	19.78	41.60	53.98	-12.38
10640.00	Peak	H	-	-	-73.12	19.78	53.66	73.98	-20.32
15960.00	Average	H	-	-	-85.79	26.21	47.42	53.98	-6.56
15960.00	Peak	H	-	-	-74.00	26.21	59.21	73.98	-14.77

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

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 155 of 210	

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]	Turtable 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	-	-	-85.24	19.74	41.50	53.98	-12.48
11000.00	Peak	H	-	-	-73.73	19.74	53.01	73.98	-20.97
16500.00	Peak	H	-	-	-72.89	26.89	61.00	68.20	-7.20

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

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580MHz  
 Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turtable 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	-	-	-85.30	19.62	41.32	53.98	-12.66
11160.00	Peak	H	-	-	-73.36	19.62	53.26	73.98	-20.72
16740.00	Peak	H	-	-	-73.87	27.08	60.21	68.20	-7.99

**Table 7-67. Radiated Measurements SDM**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 156 of 210

Worst Case Mode: 802.11n  
 Worst Case Transfer 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 $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11440.00	Average	H	-	-	-85.74	20.35	41.61	53.98	-12.37
11440.00	Peak	H	-	-	-74.18	20.35	53.17	73.98	-20.81
17160.00	Peak	H	-	-	-73.82	27.22	60.40	68.20	-7.80

**Table 7-68. Radiated Measurements SDM**

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	-	-	-85.51	20.18	41.67	53.98	-12.31
11490.00	Peak	H	-	-	-73.49	20.18	53.69	73.98	-20.29
17235.00	Peak	H	-	-	-74.58	28.56	60.98	68.20	-7.22

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

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 157 of 210

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	-	-	-85.22	20.30	42.08	53.98	-11.90
11570.00	Peak	H	-	-	-73.57	20.30	53.73	73.98	-20.25
17355.00	Peak	H	-	-	-74.14	28.15	61.01	68.20	-7.19

**Table 7-70. Radiated Measurements 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	-	-	-85.34	21.09	42.75	53.98	-11.23
11650.00	Peak	H	-	-	-73.94	21.09	54.15	73.98	-19.83
17475.00	Peak	H	-	-	-73.71	28.31	61.60	68.20	-6.60

**Table 7-71. Radiated Measurements CDD**

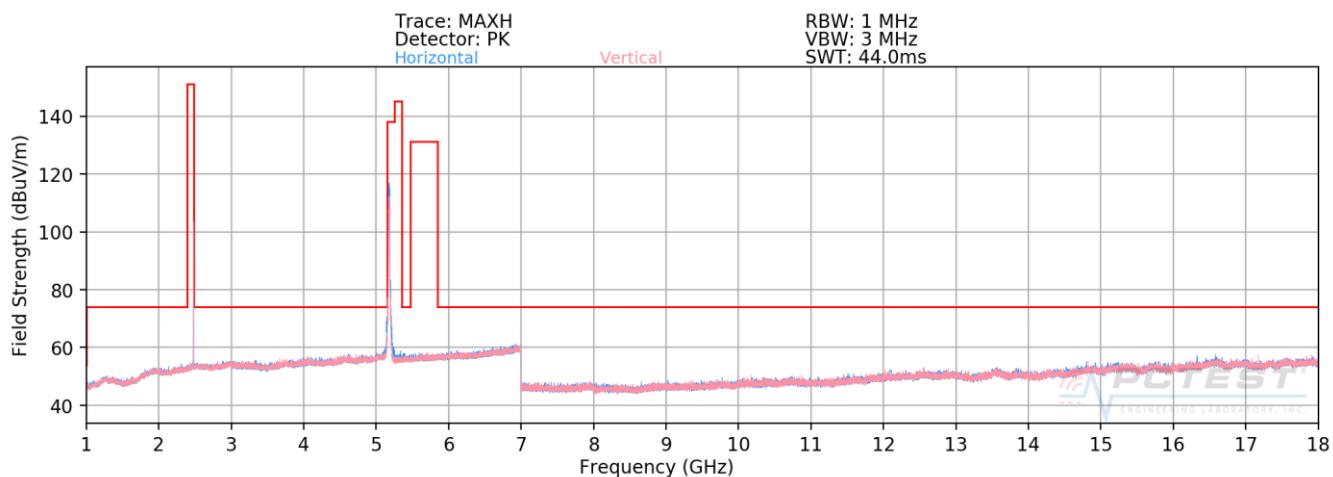
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device			Page 158 of 210

## 7.6.4 Simultaneous Tx Radiated Spurious Emissions Measurements

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

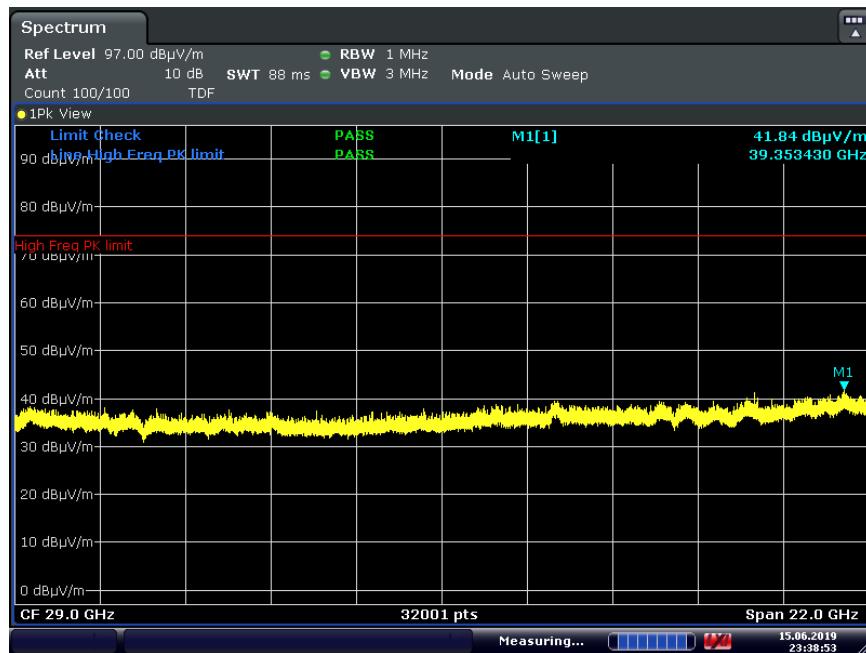
Description	2.4 GHz Emission	5 GHz Emission
Antenna	0	0
Channel	78	36
Operating Frequency (MHz)	2480	5180
Data Rate (Mbps)	GFSK/1Mbps	MCS0
Mode	Bluetooth	UNII

Table 7-72. Simultaneous Transmission

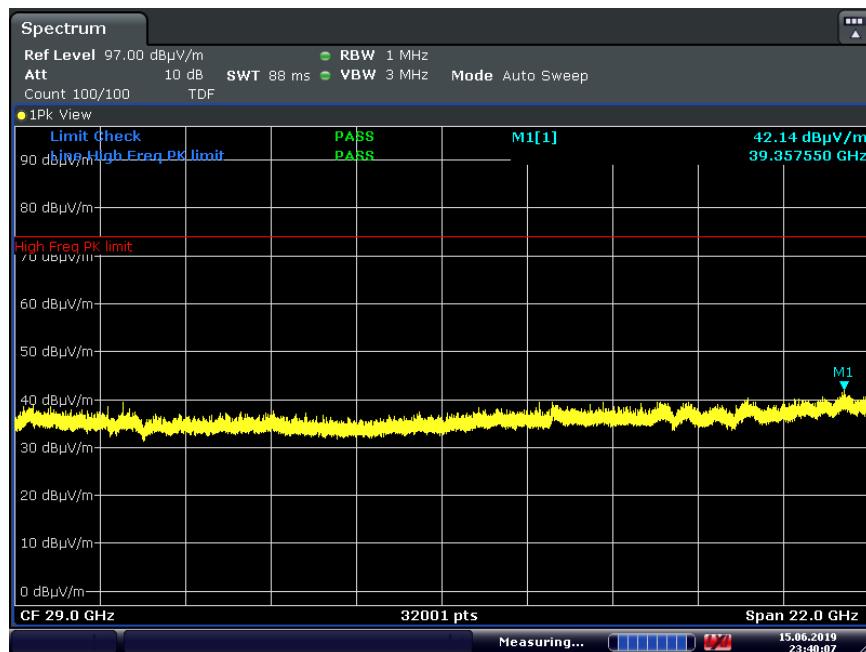


Plot 7-209. Radiated Spurious Plot above 1GHz (2.4GHz – 5GHz)

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 159 of 210	



**Plot 7-210. Radiated Spurious Plot 18GHz – 40GHz (2.4GHz – 5GHz) Pol. H**



**Plot 7-211. Radiated Spurious Plot above 40GHz (2.4GHz – 5GHz) Pol V**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 160 of 210

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	Avg	H	-	-	-78.33	15.73	44.40	53.98	-9.58
4960.00	Peak	H	-	-	-67.34	15.73	55.39	73.98	-18.59
7440.00	Avg	H	-	-	-79.64	8.83	36.19	53.98	-17.79
7440.00	Peak	H	-	-	-67.85	8.83	47.98	73.98	-26.00
12400.00	Avg	H	-	-	-82.91	15.73	39.82	53.98	-14.16
12400.00	Peak	H	-	-	-71.44	15.73	51.29	73.98	-22.69
10360.00	Avg	V	113.00	109.00	-80.07	13.02	39.95	53.98	-14.03
10360.00	Peak	V	113.00	109.00	-69.61	13.02	50.41	73.98	-23.57
15540.00	Avg	H	-	-	-83.41	18.55	42.14	53.98	-11.84
15540.00	Peak	H	-	-	-72.11	18.55	53.44	73.98	-20.54

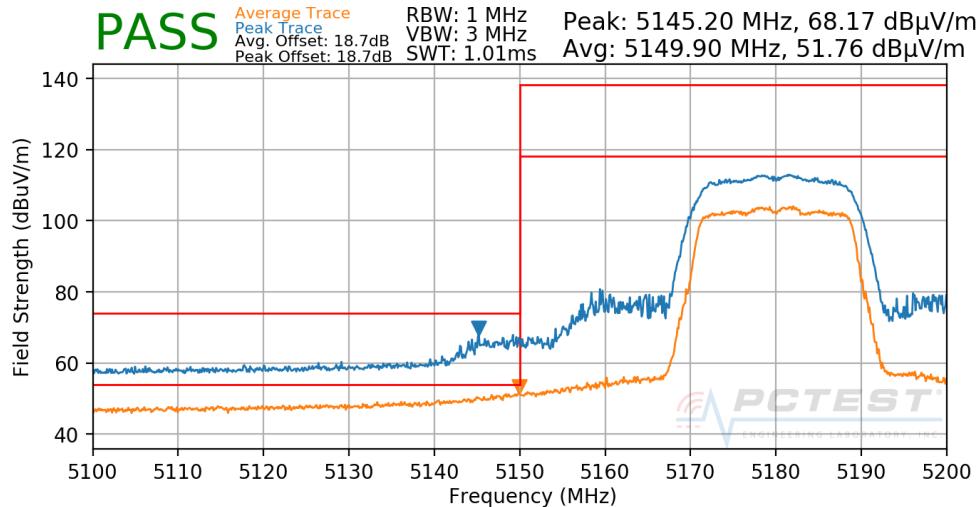
**Table 7-73. Radiated Measurements (2.4GHz – 5GHz)**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 161 of 210	

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

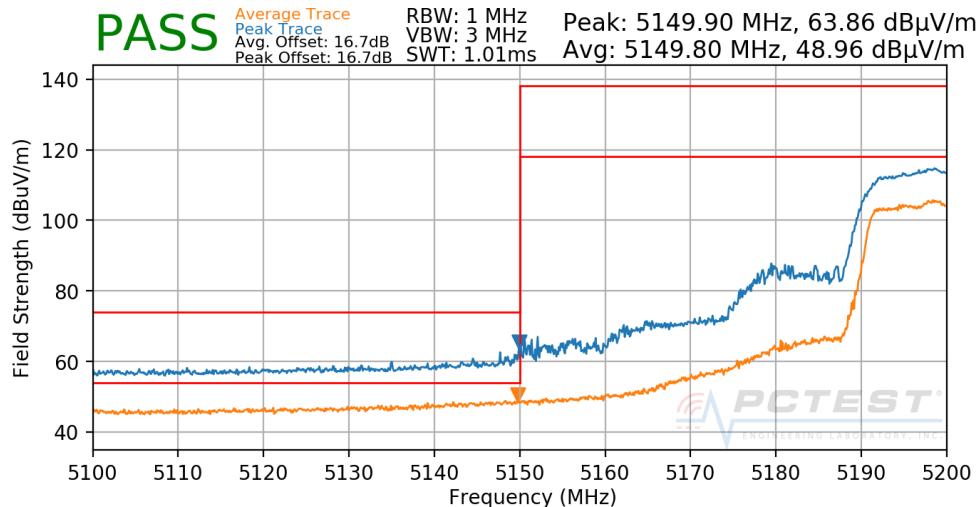
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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



Plot 7-212. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)

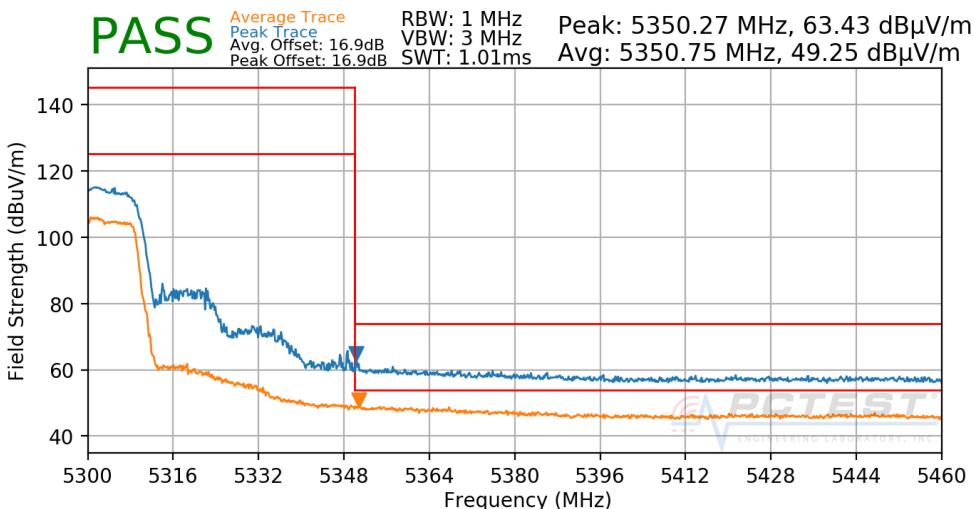
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5200MHz  
 Channel: 40



Plot 7-213. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)

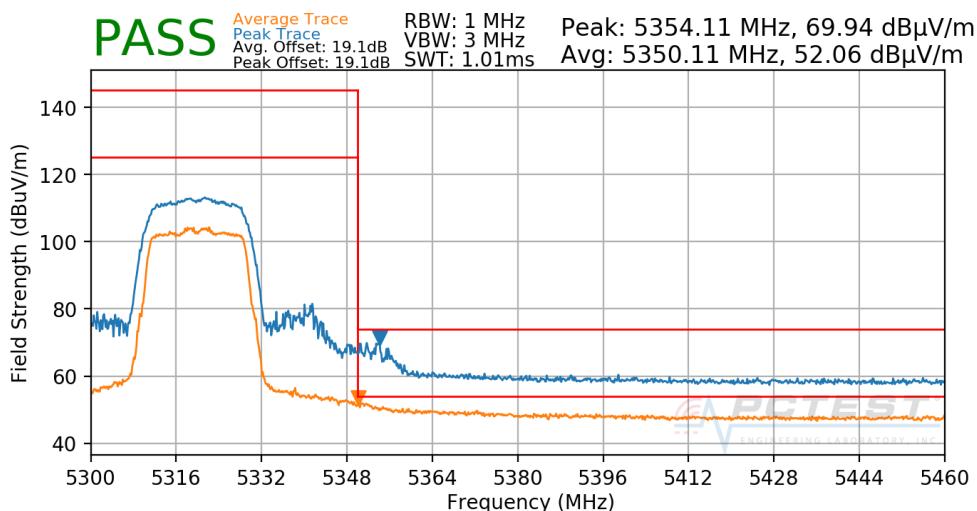
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 162 of 210

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



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

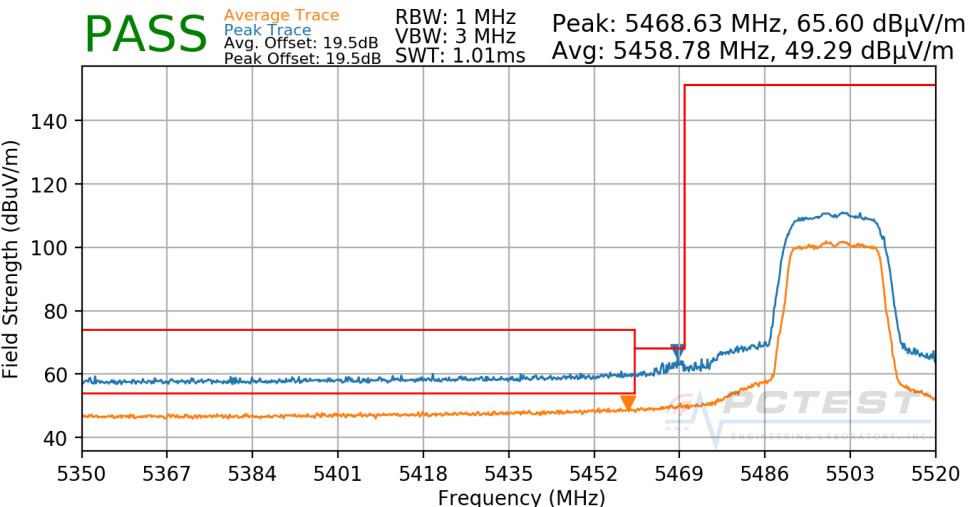
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64



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

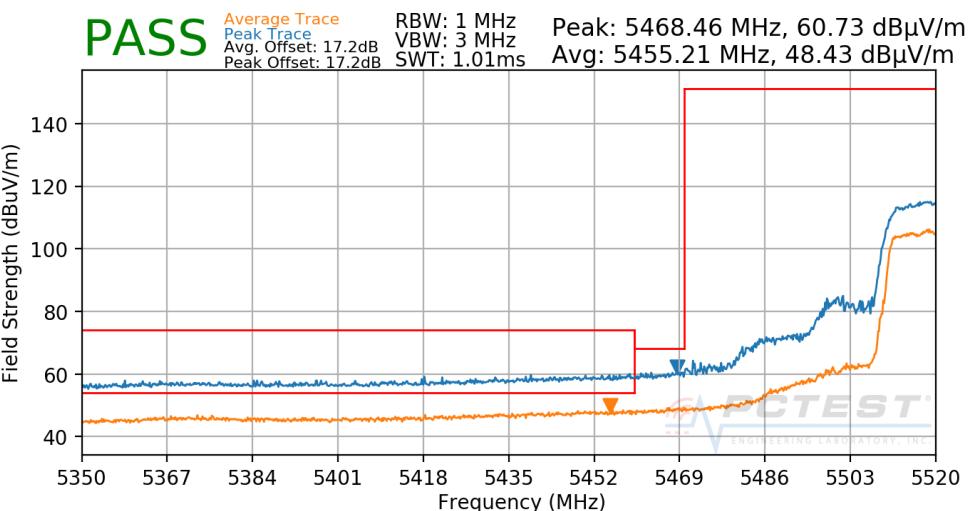
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device		Page 163 of 210

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



**Plot 7-216. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

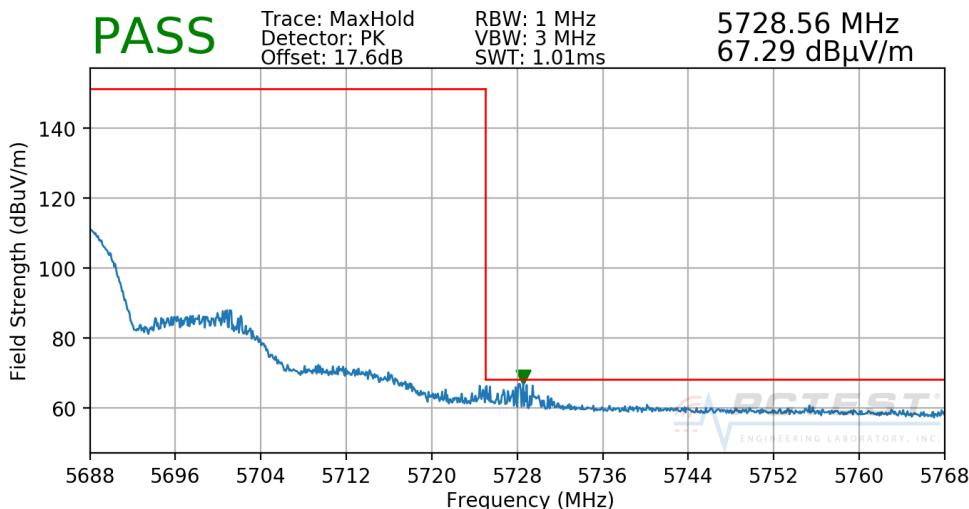
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5520MHz  
 Channel: 104



**Plot 7-217. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

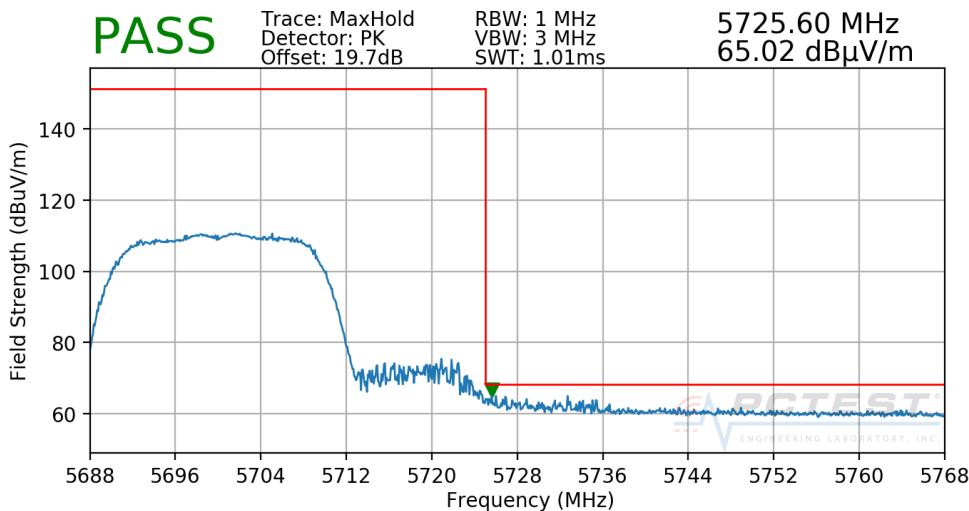
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 164 of 210

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



**Plot 7-218. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

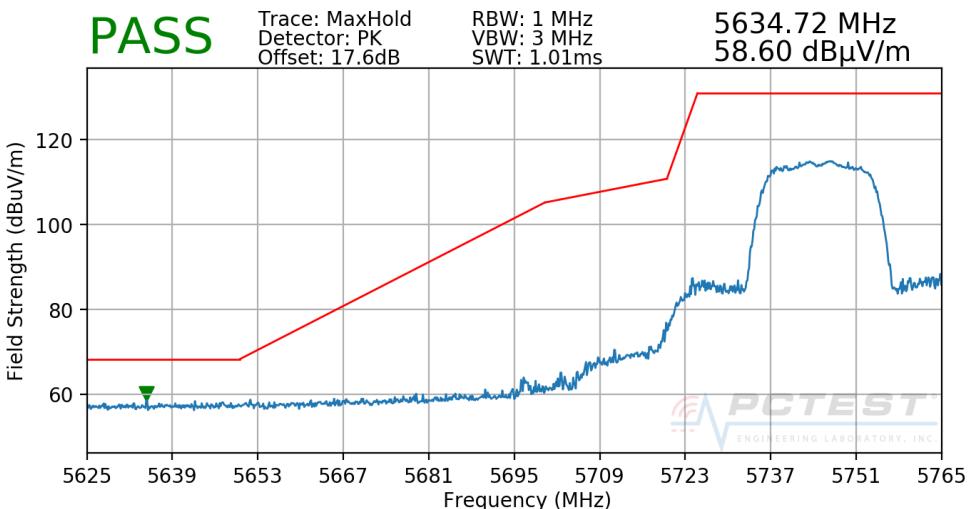
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5700MHz  
 Channel: 140



**Plot 7-219. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 2C)**

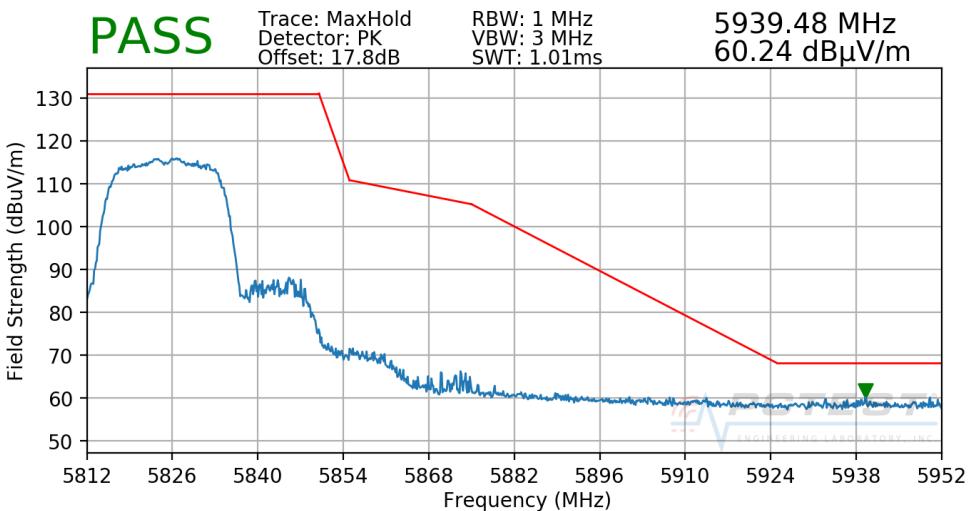
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 165 of 210	

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



**Plot 7-220. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

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



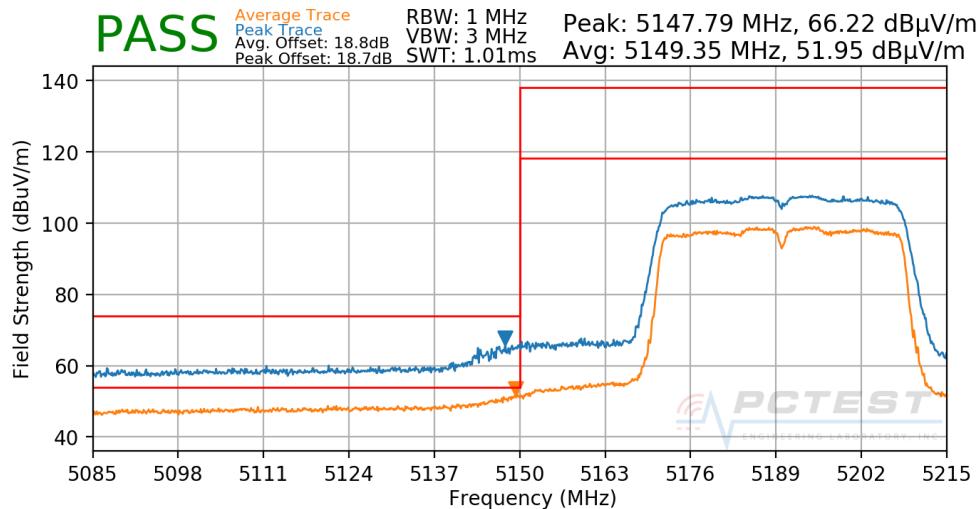
**Plot 7-221. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2200	<b>PCTEST®</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 166 of 210	

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

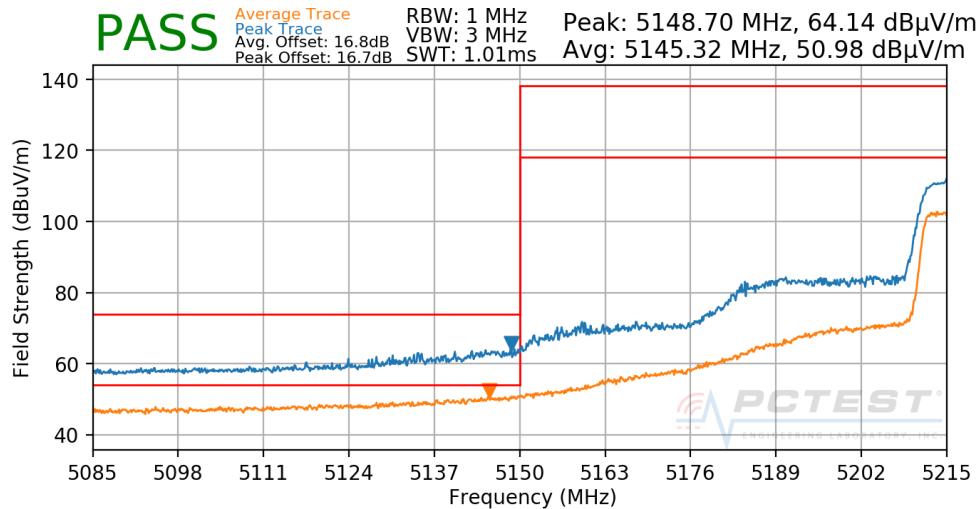
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



Plot 7-222. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)

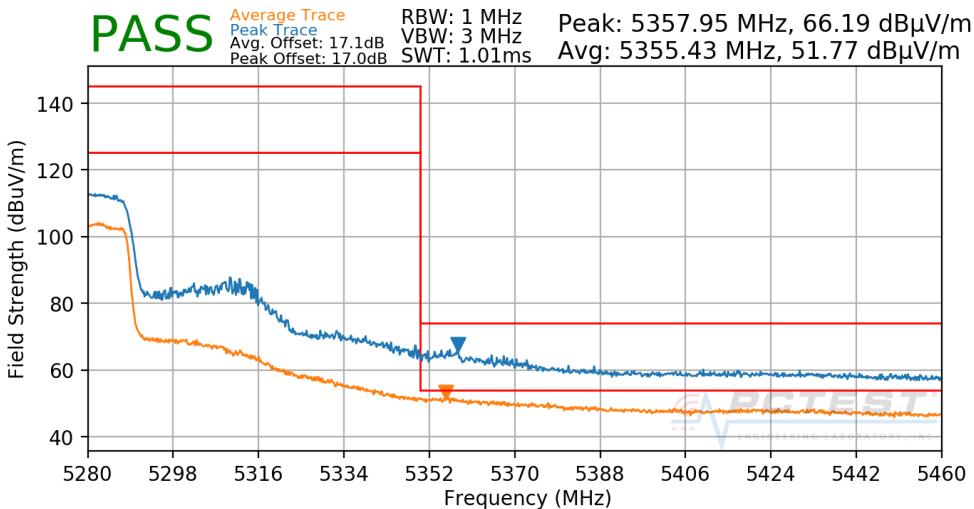
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5230MHz  
 Channel: 46



Plot 7-223. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)

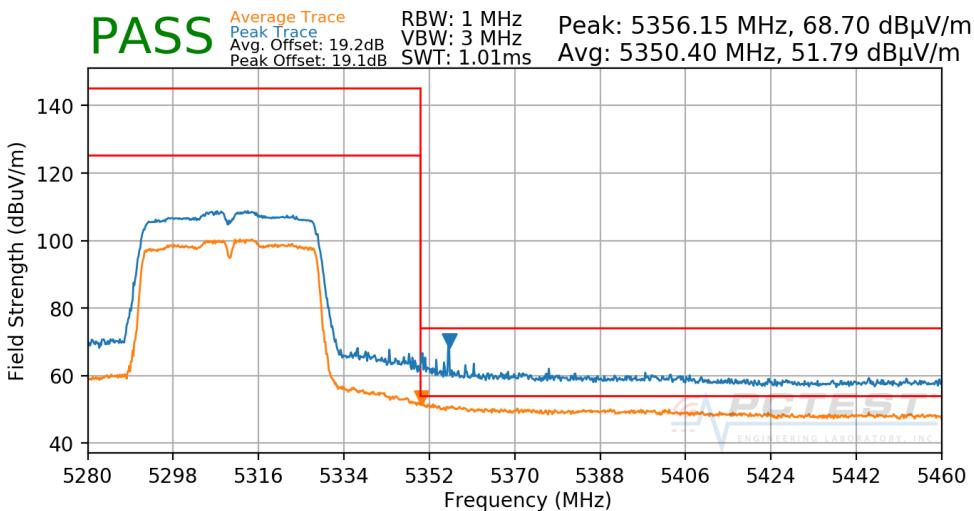
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 167 of 210

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



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

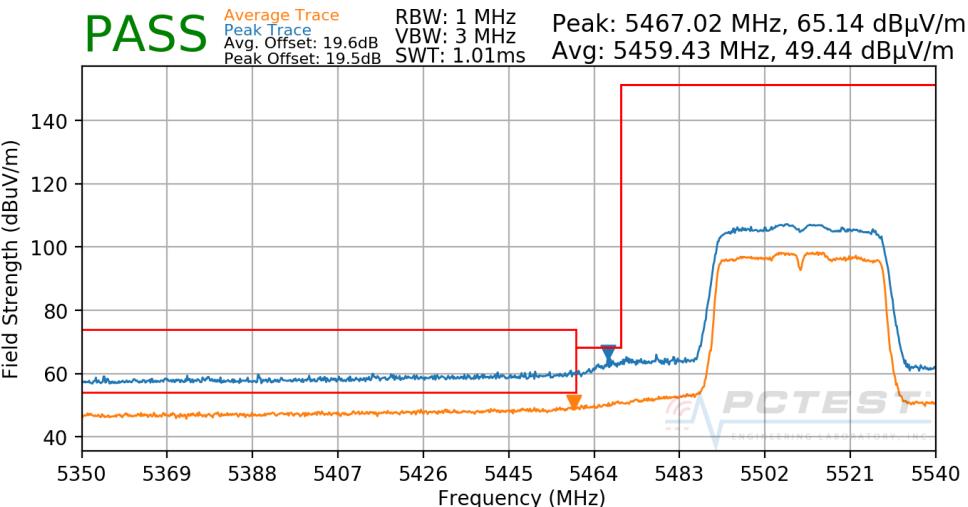
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5310MHz  
 Channel: 62



**Plot 7-225. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

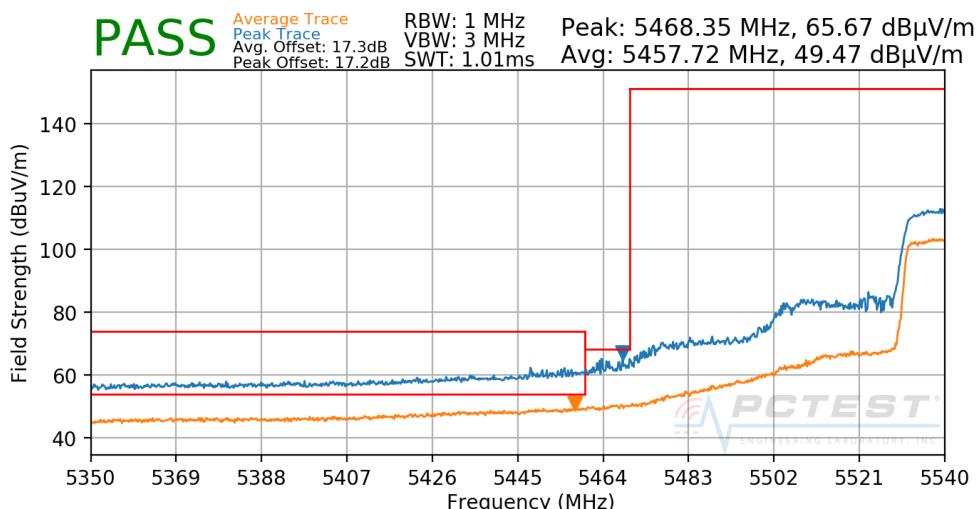
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 168 of 210

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



**Plot 7-226. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

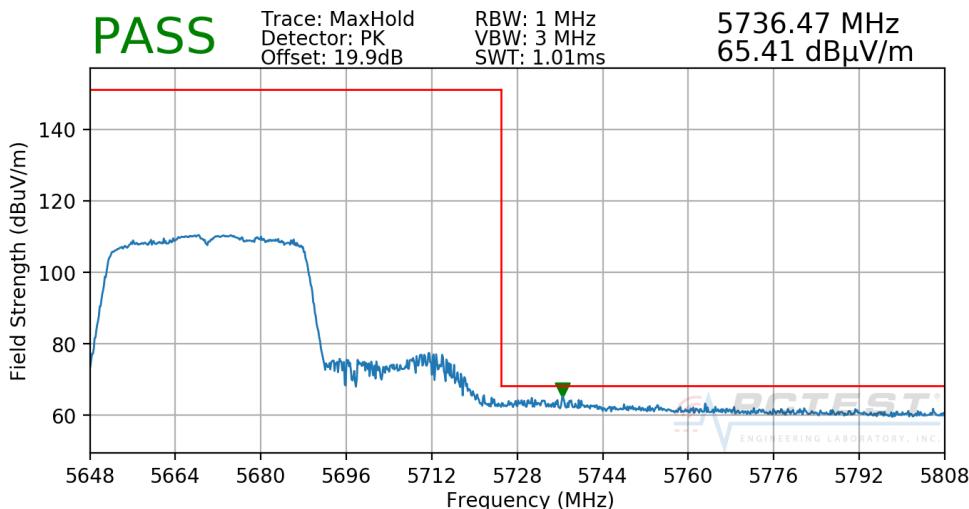
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5550MHz  
 Channel: 110



**Plot 7-227. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

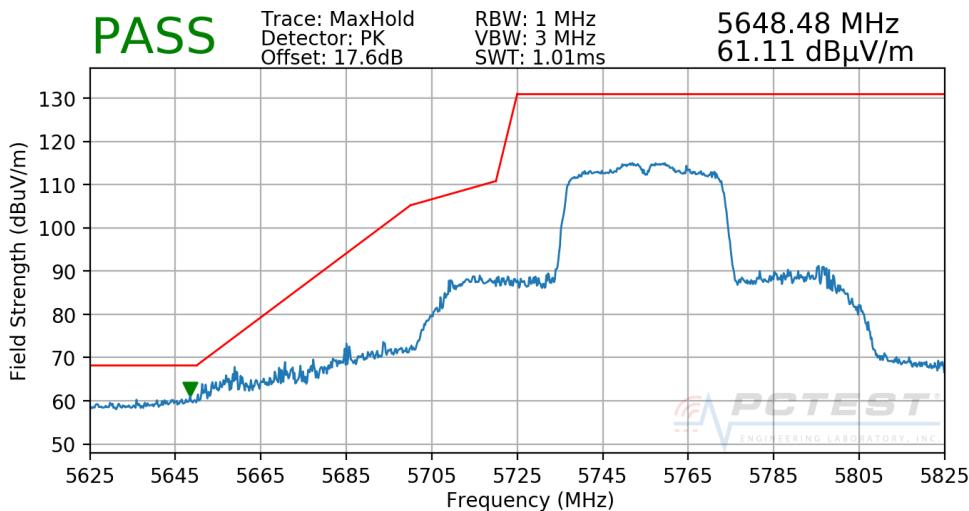
FCC ID: BCGA2200	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 169 of 210	
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Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5670 MHz  
 Channel: 134



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

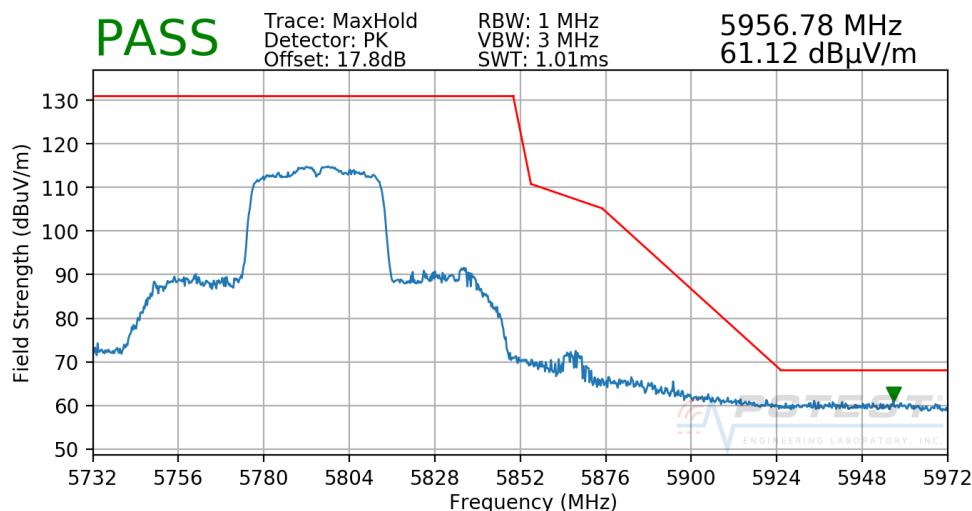
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5755MHz  
 Channel: 151



**Plot 7-229. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 170 of 210

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



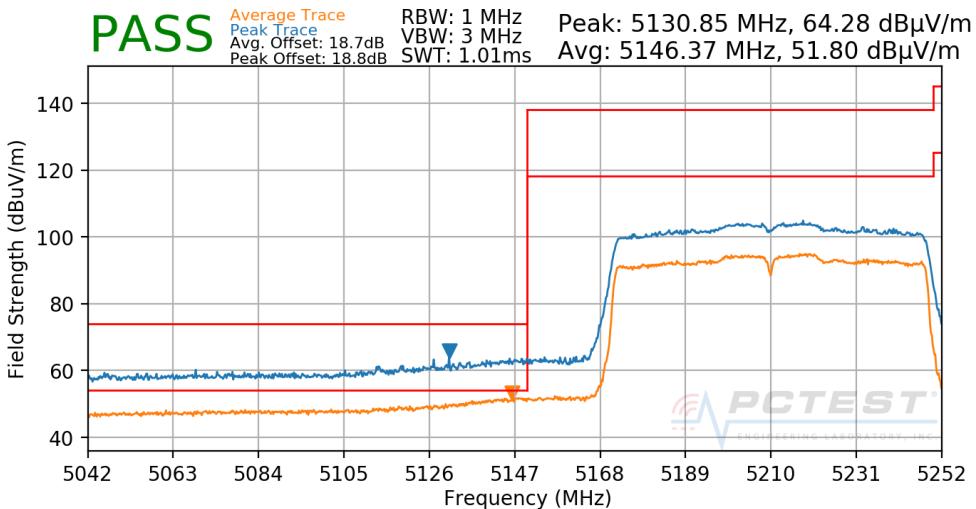
**Plot 7-230. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 171 of 210

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

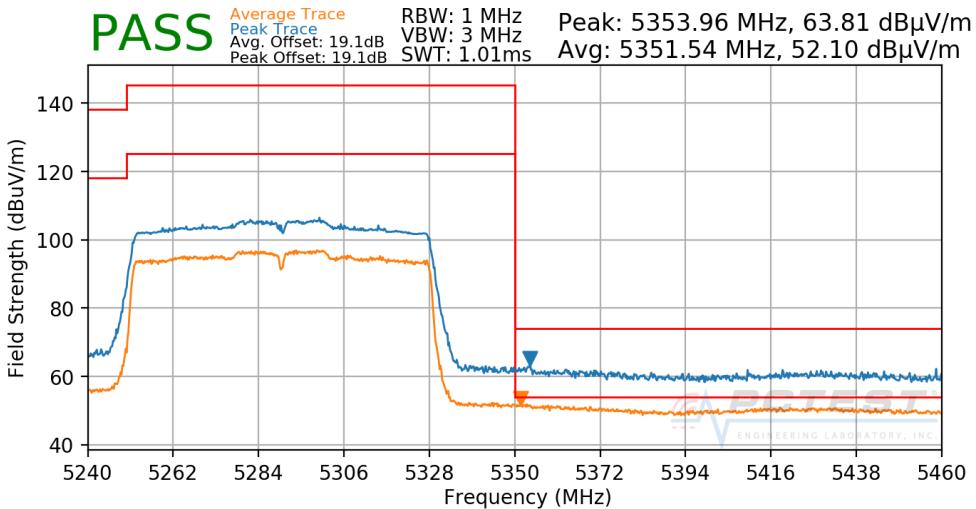
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



**Plot 7-231. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 1)**

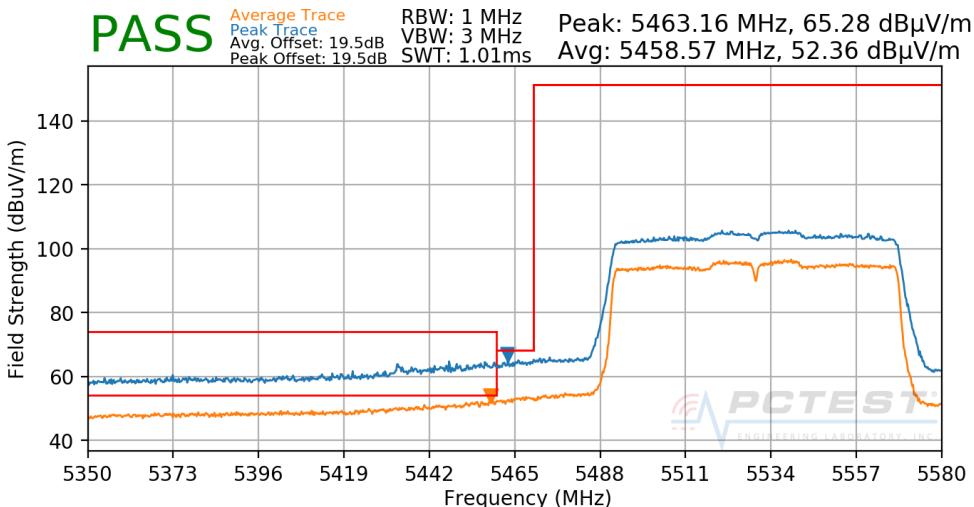
Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5290MHz  
 Channel: 58



**Plot 7-232. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

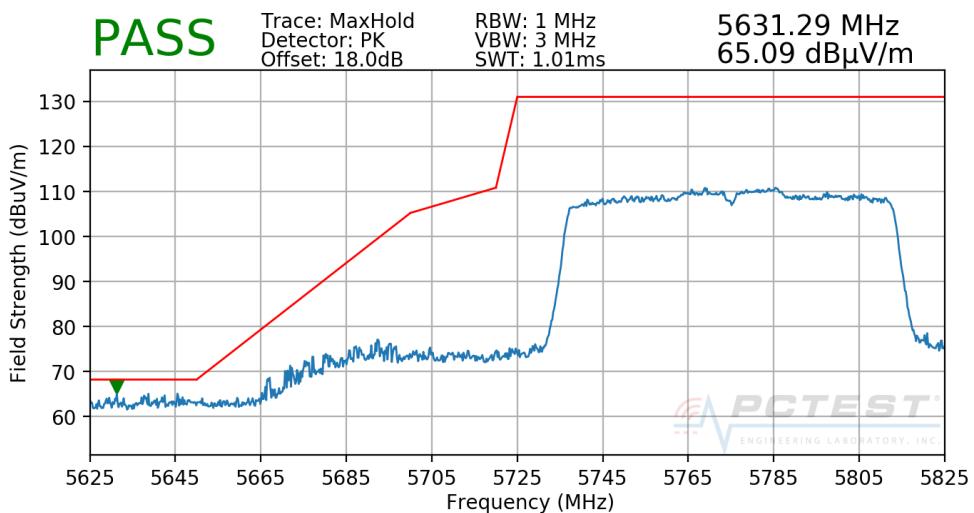
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 172 of 210

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



**Plot 7-233. Radiated Lower Band Edge Plot SISO CORE 0 (UNII Band 2C)**

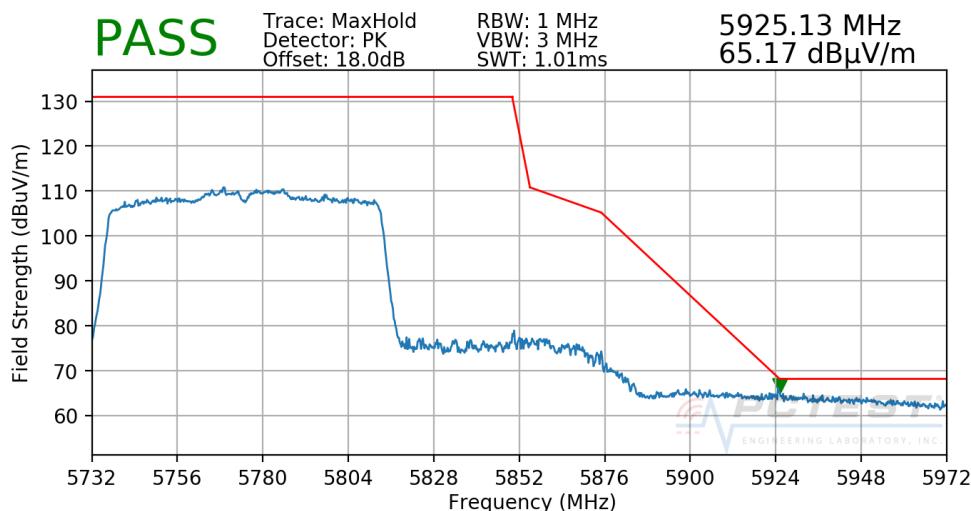
Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5775MHz  
 Channel: 155



**Plot 7-234. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 173 of 210	

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



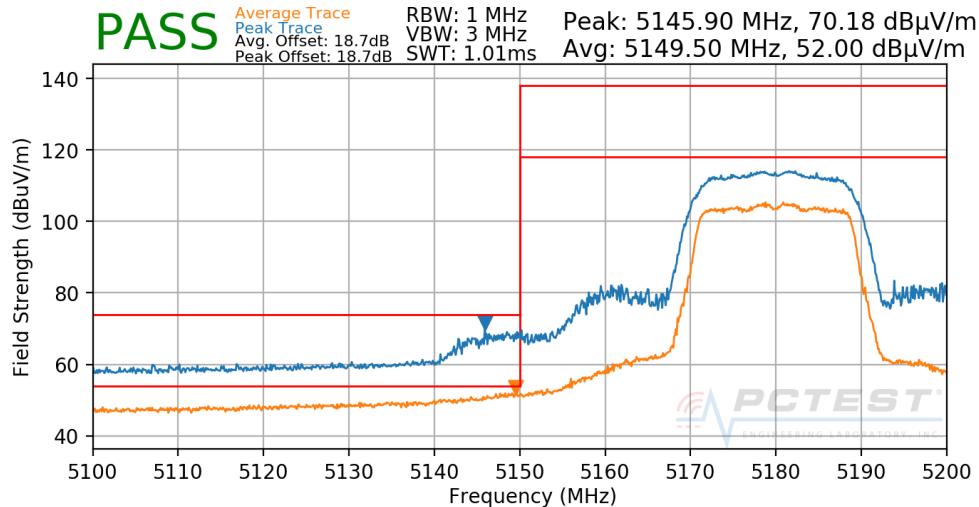
**Plot 7-235. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 174 of 210	

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

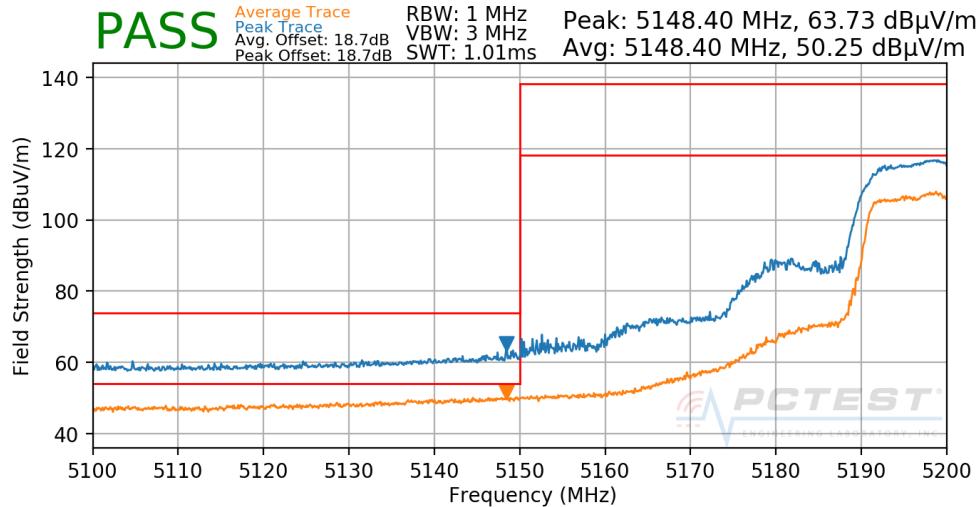
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



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

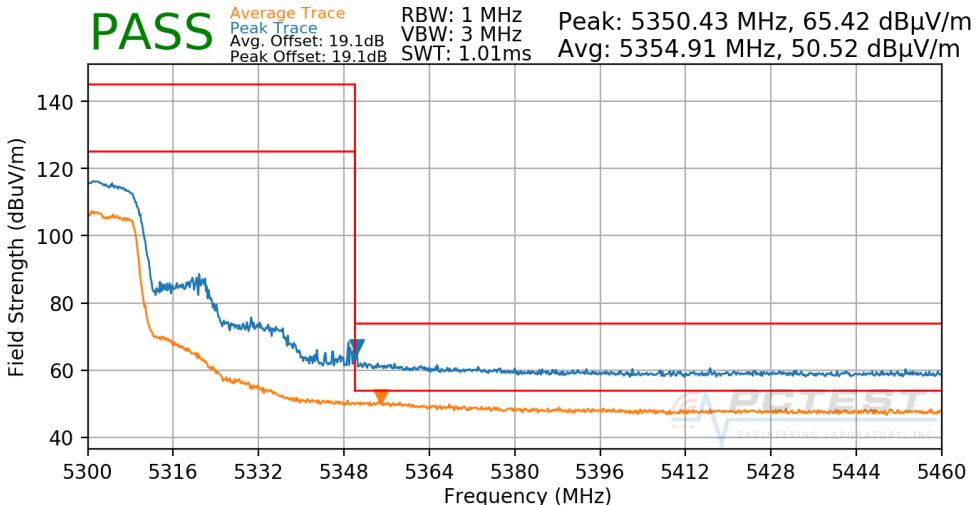
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5200MHz  
 Channel: 40



Plot 7-237. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 1)

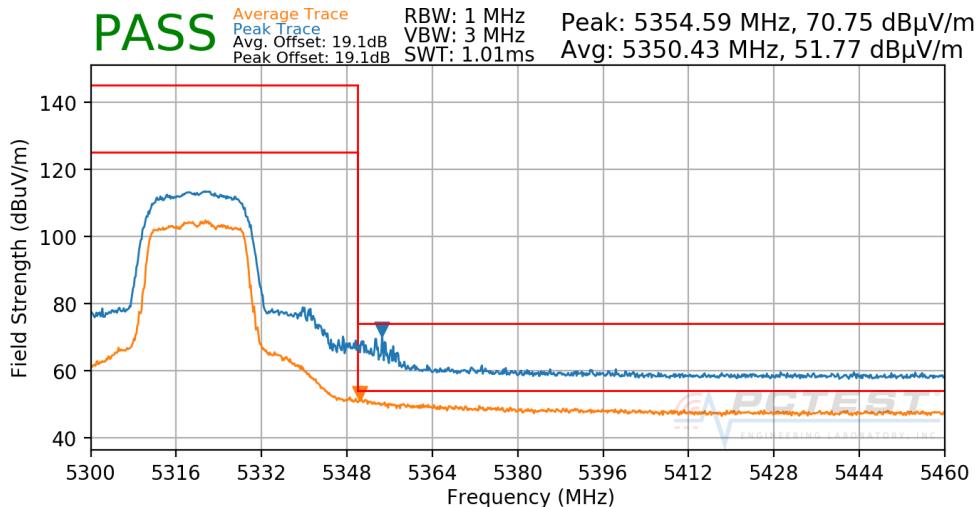
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 175 of 210

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



**Plot 7-238. Radiated Upper Band Edge Plot SISO CORE 1 (UNII Band 2A)**

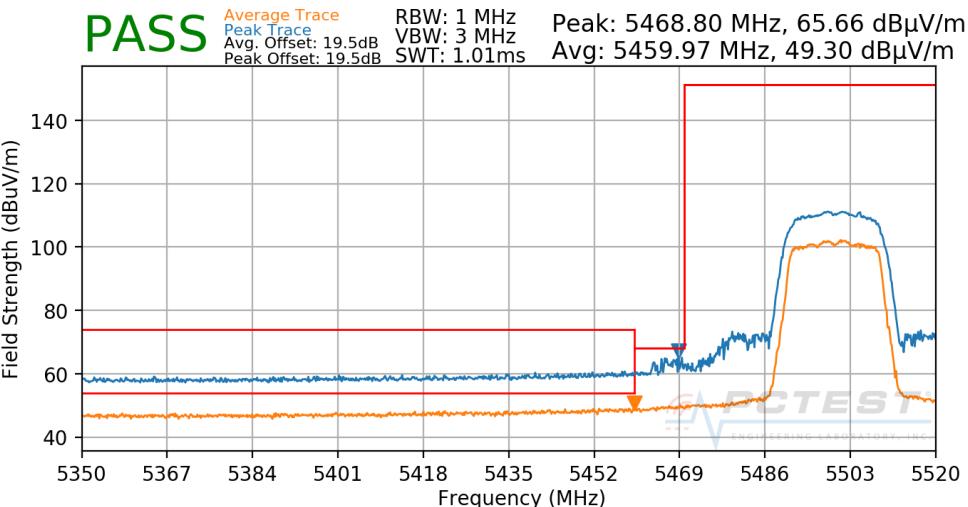
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64



**Plot 7-239. Radiated Upper Band Edge Plot SISO CORE 1 (UNII Band 2A)**

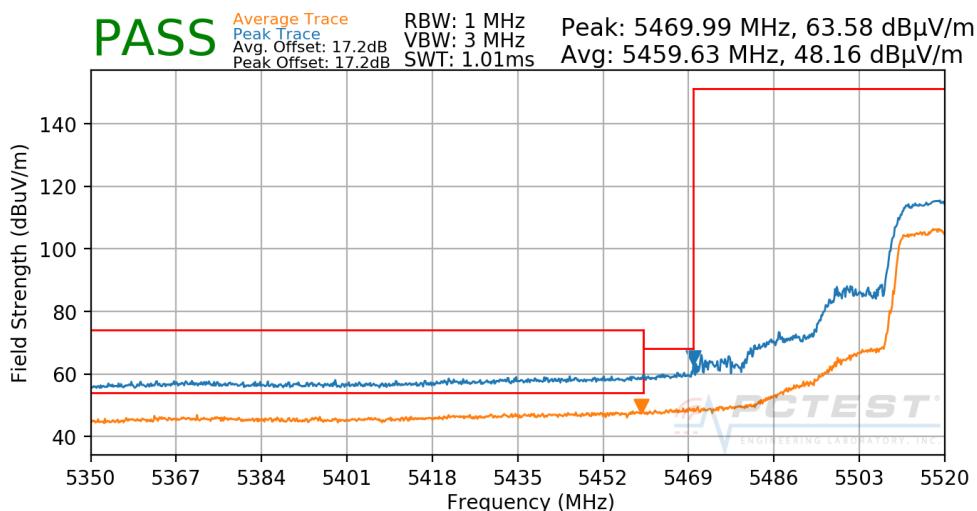
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 176 of 210

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



**Plot 7-240. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 2C)**

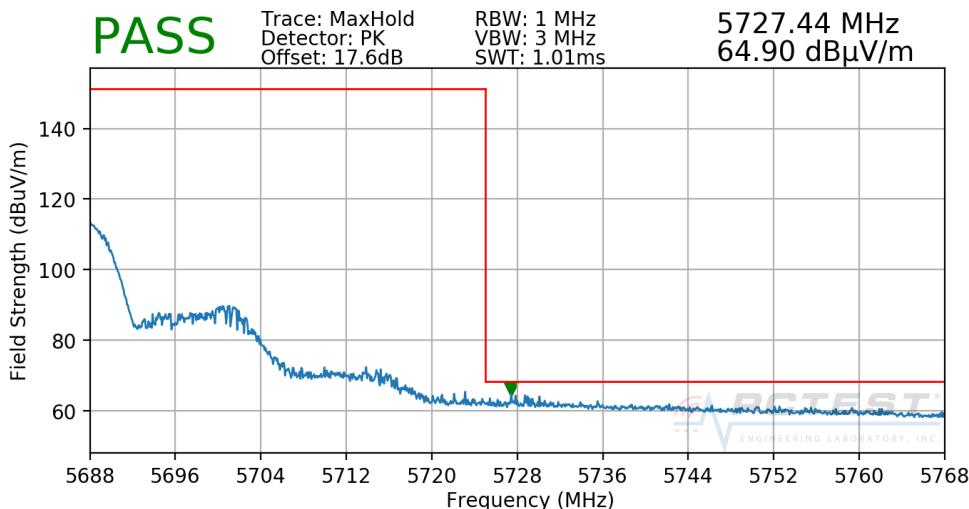
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5520MHz  
 Channel: 104



**Plot 7-241. Radiated Lower Band Edge Plot SISO CORE 1 (UNII Band 2C)**

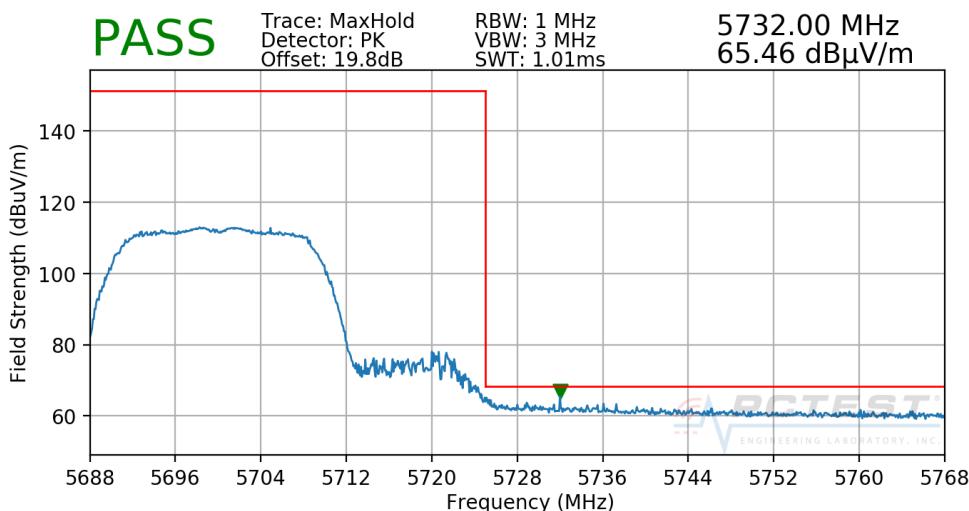
FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device	Page 177 of 210

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



**Plot 7-242. 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 7-243. Radiated Upper Band Edge Plot SISO CORE 1 (Peak – UNII Band 2C)**

FCC ID: BCGA2200	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1901280003-09.BCG	Test Dates: 05/01/2019-08/07/2019	EUT Type: Tablet Device		Page 178 of 210