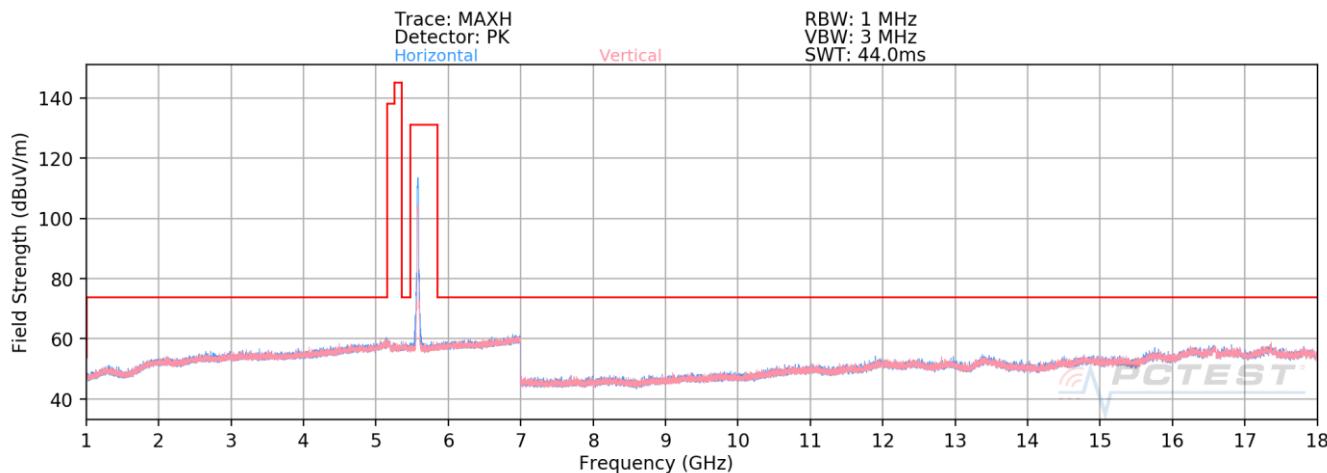
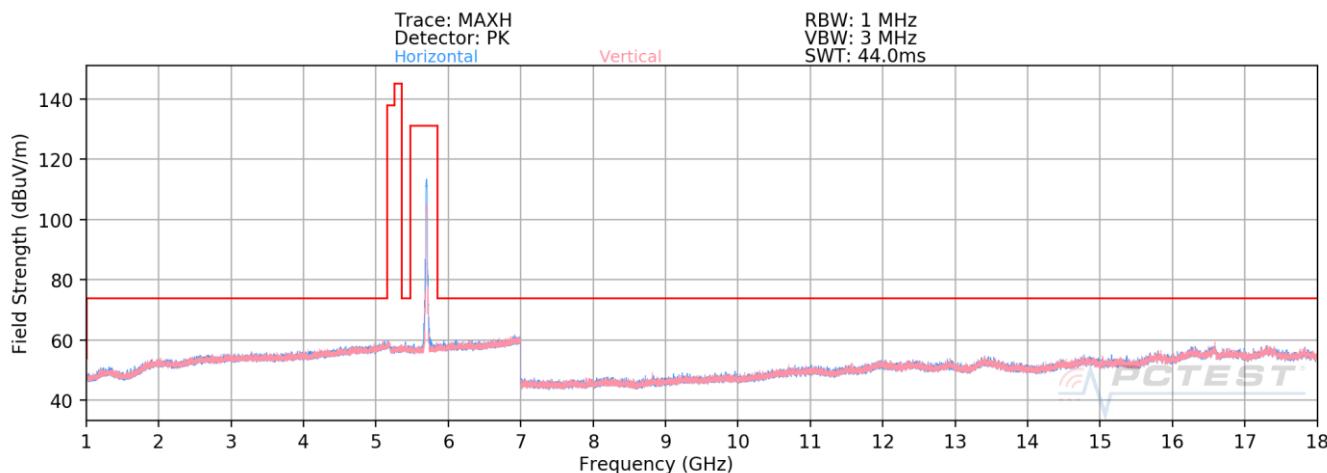


**Plot 7-189. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U2C Ch. 100)**

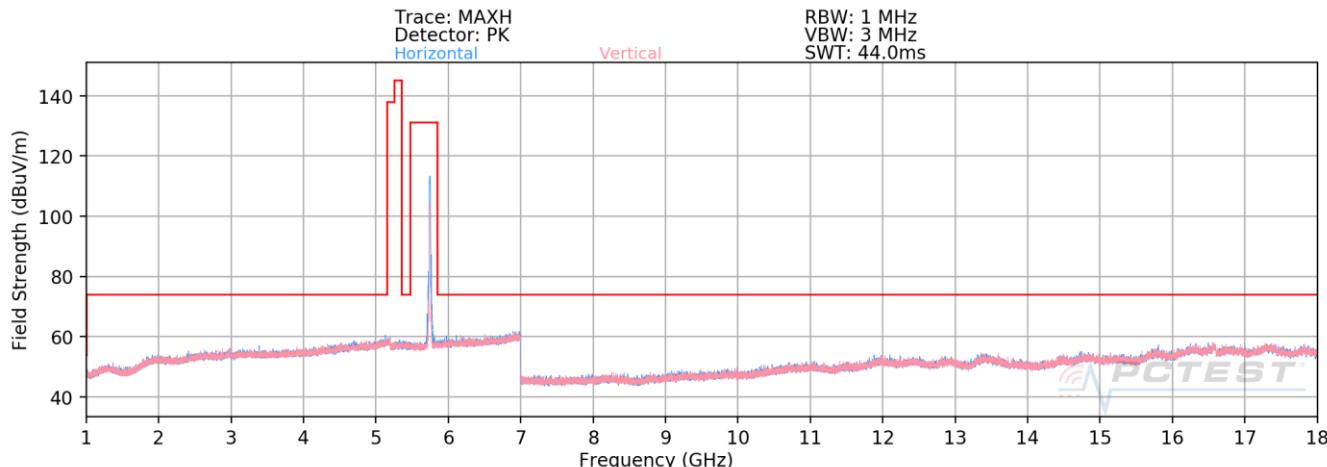


**Plot 7-190. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U2C Ch. 116)**

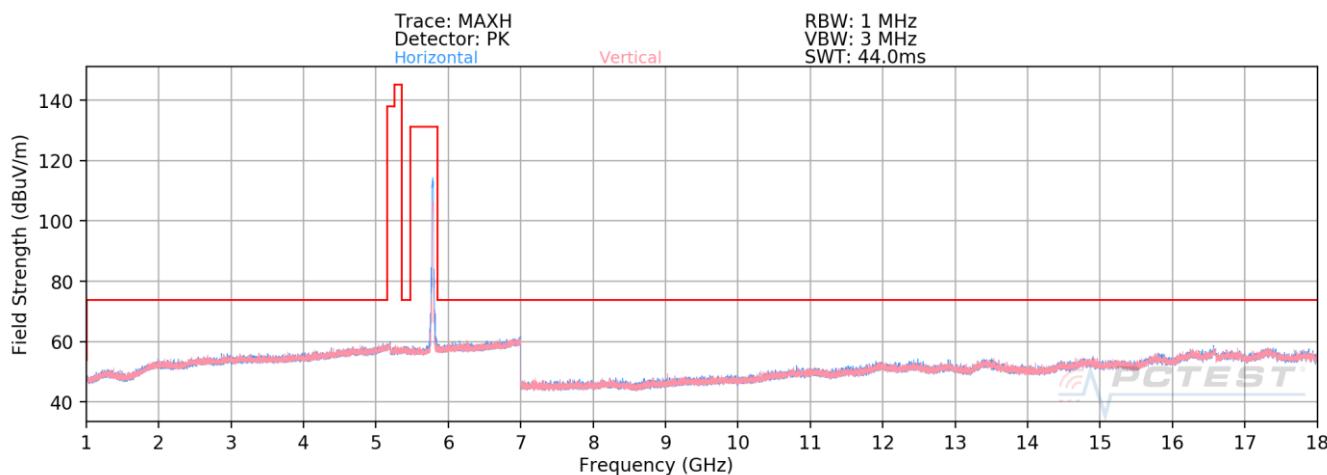


**Plot 7-191. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U2C Ch. 144)**

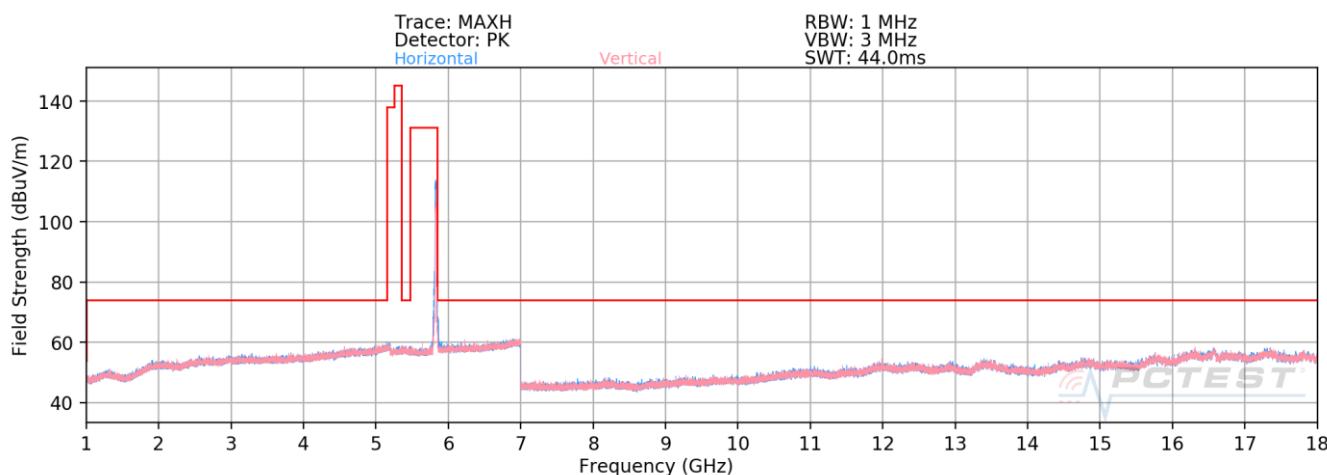
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 132 of 211	



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



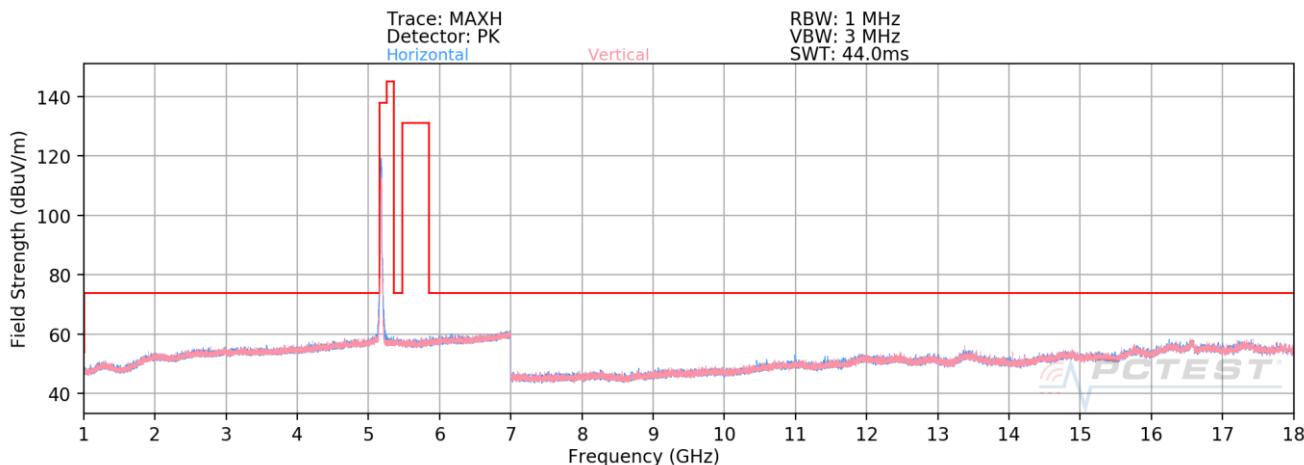
**Plot 7-193. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U3 Ch. 157)**



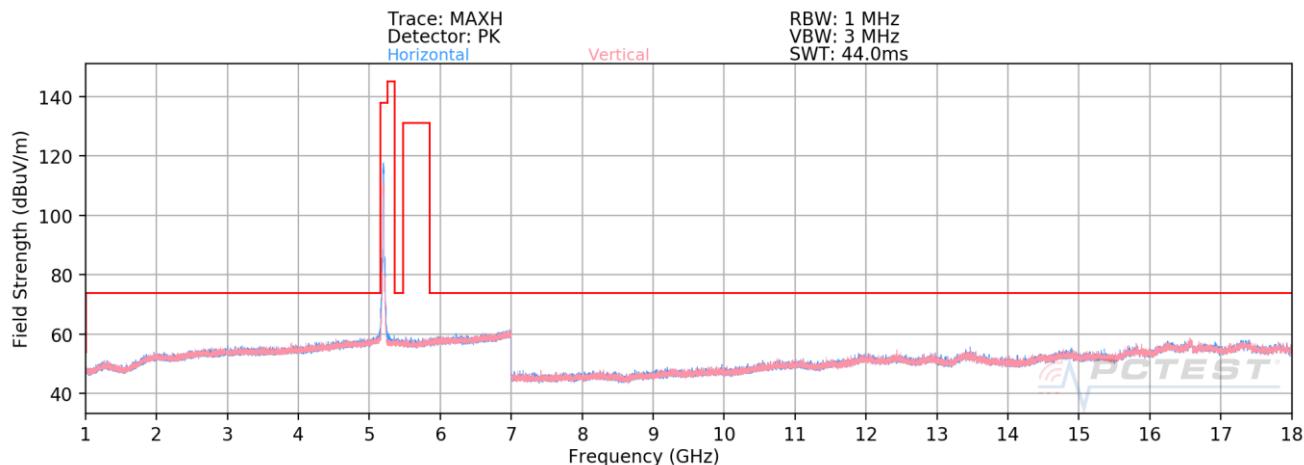
**Plot 7-194. Radiated Spurious Emissions above 1GHz SISO CORE 1 (802.11n – U3 Ch. 165)**

FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 133 of 211	

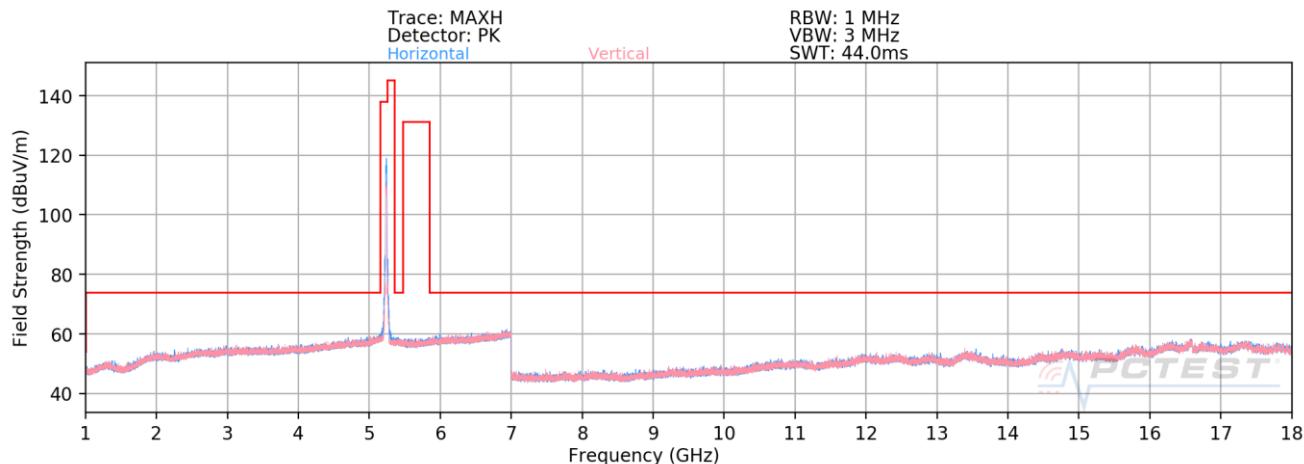
### 7.6.3 CDD/SDM Radiated Spurious Emission Measurements



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

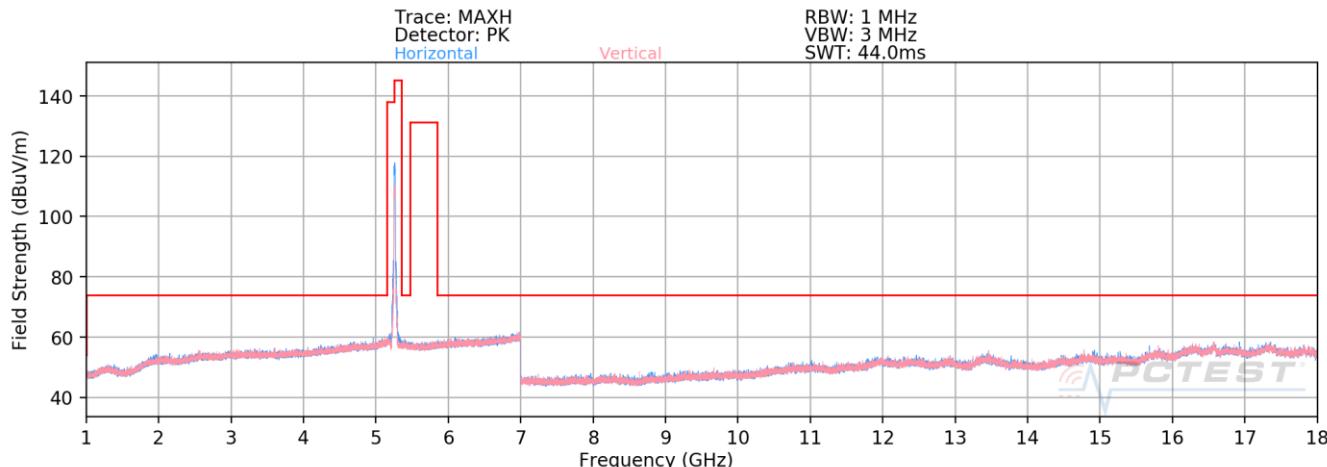


Plot 7-196. Radiated Spurious Emissions above 1GHz CDD (802.11n – U1 Ch. 40)

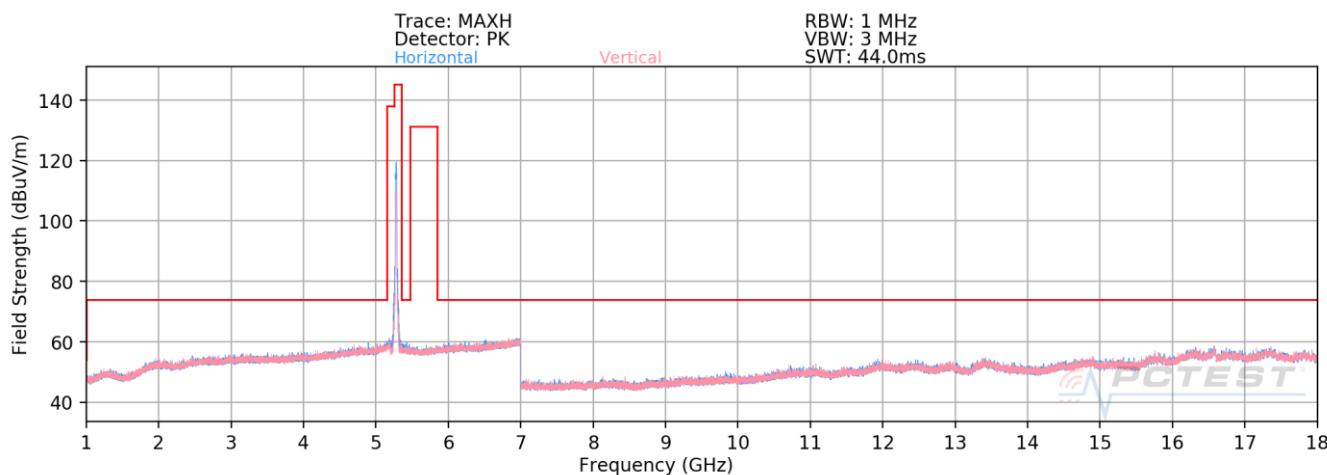


Plot 7-197. Radiated Spurious Emissions above 1GHz CDD (802.11n – U1 Ch. 48)

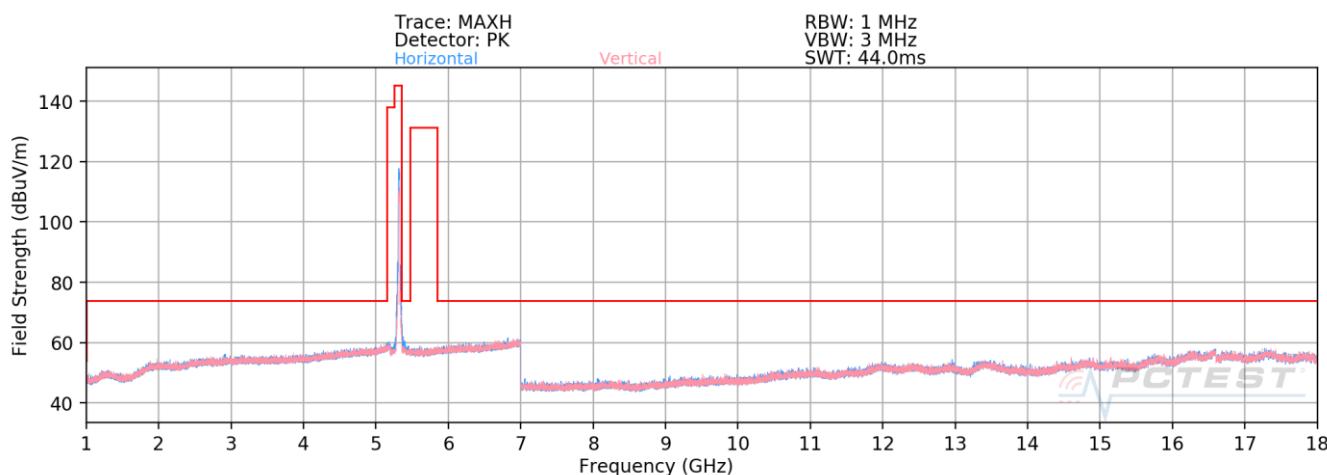
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 134 of 211	



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

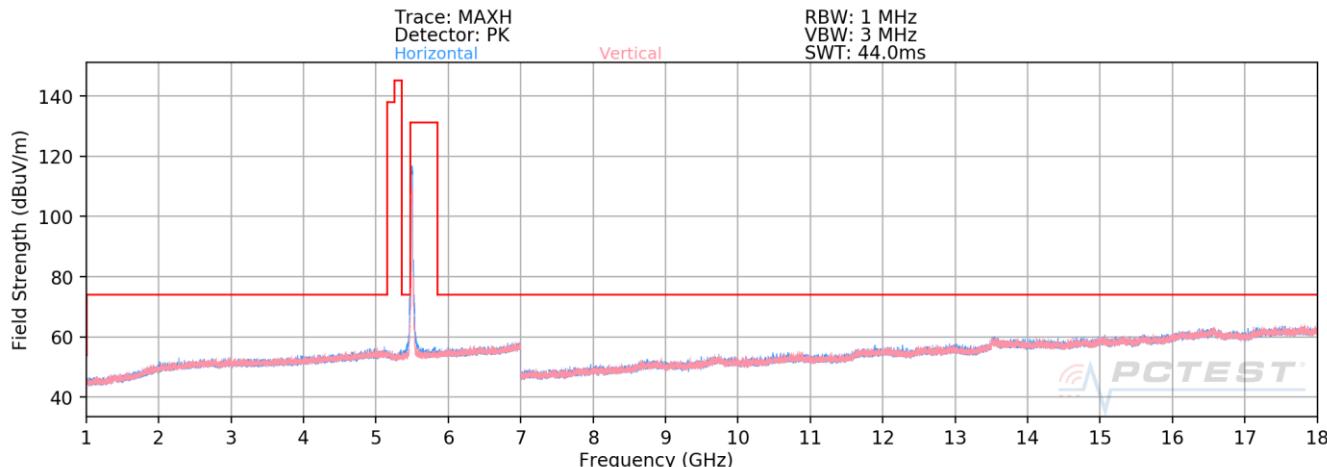


**Plot 7-199. Radiated Spurious Emissions above 1GHz SDM (802.11n – U2A Ch. 56)**

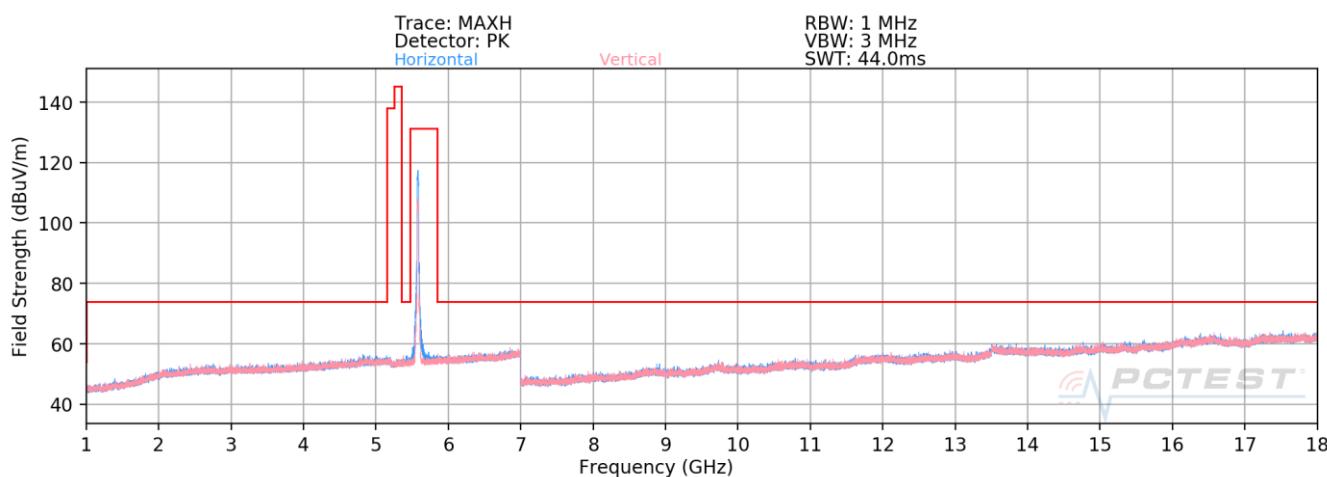


**Plot 7-200. Radiated Spurious Emissions above 1GHz CDD (802.11n – U2A Ch. 64)**

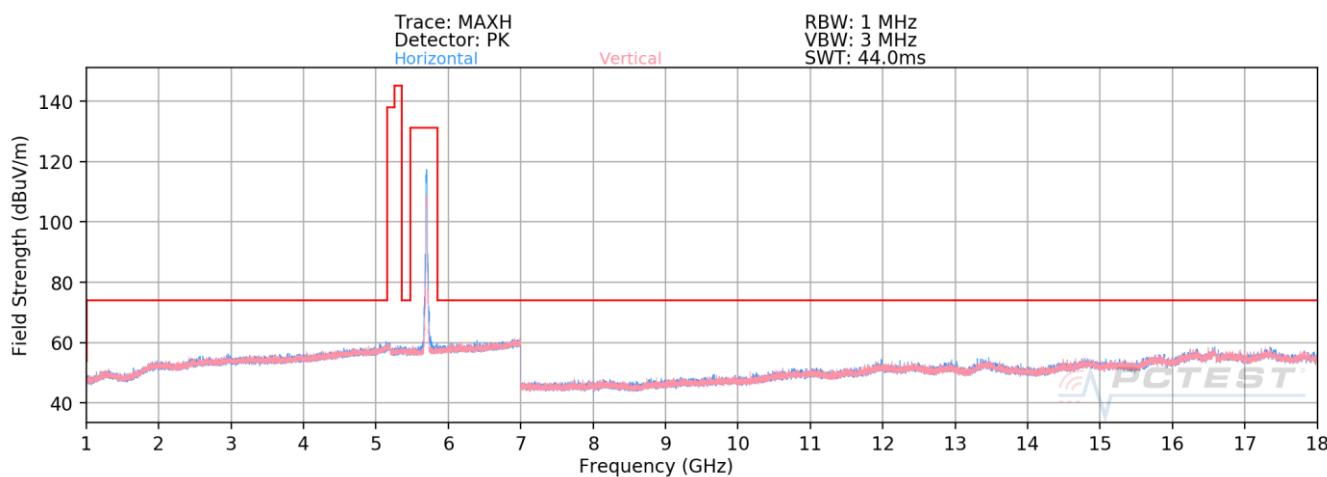
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 135 of 211	



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

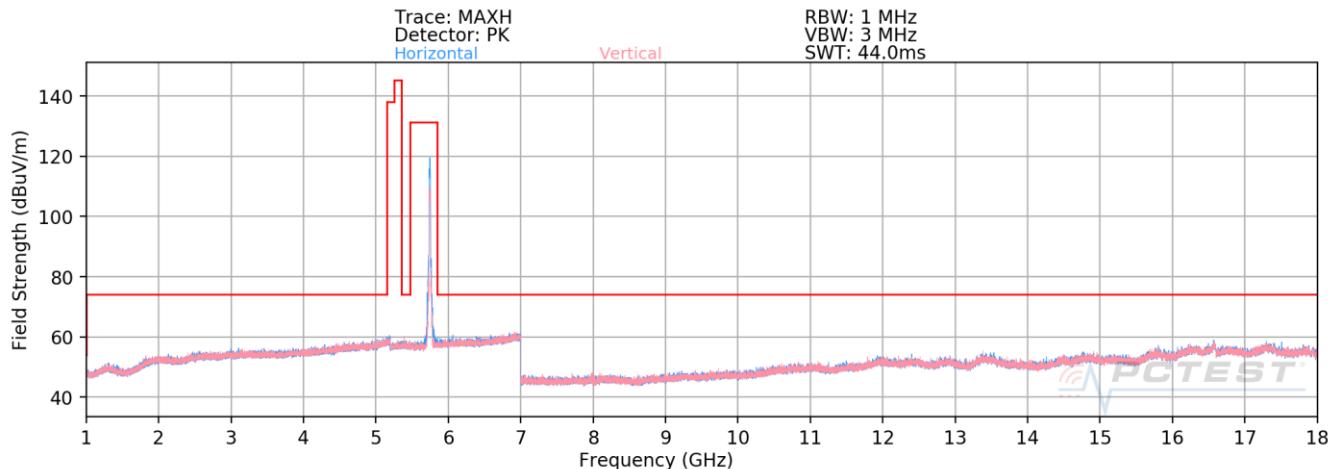


**Plot 7-202. Radiated Spurious Emissions above 1GHz SDM (802.11n – U2C Ch. 116)**

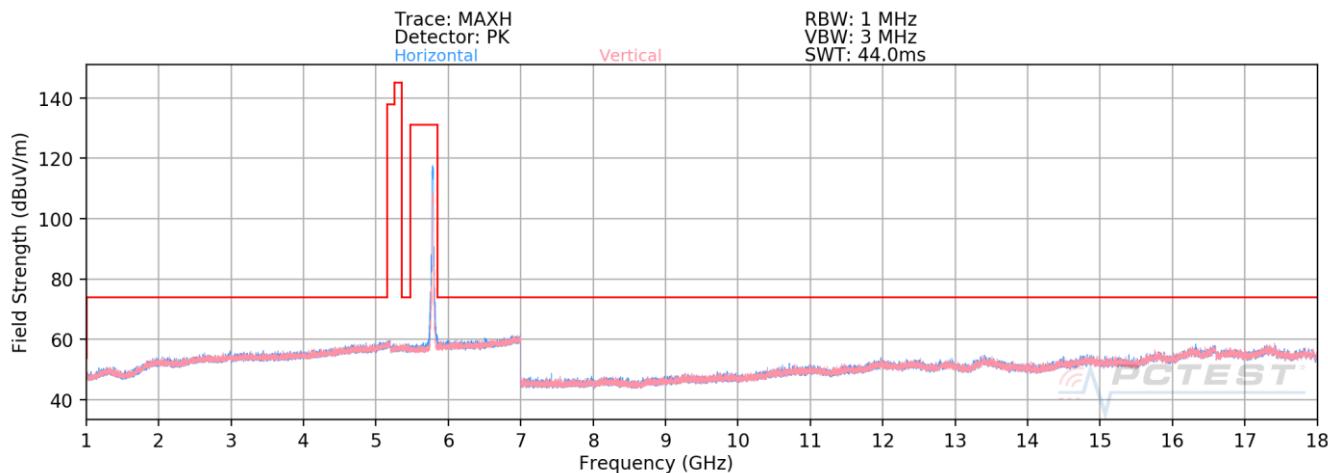


**Plot 7-203. Radiated Spurious Emissions above 1GHz SDM (802.11n – U2C Ch. 144)**

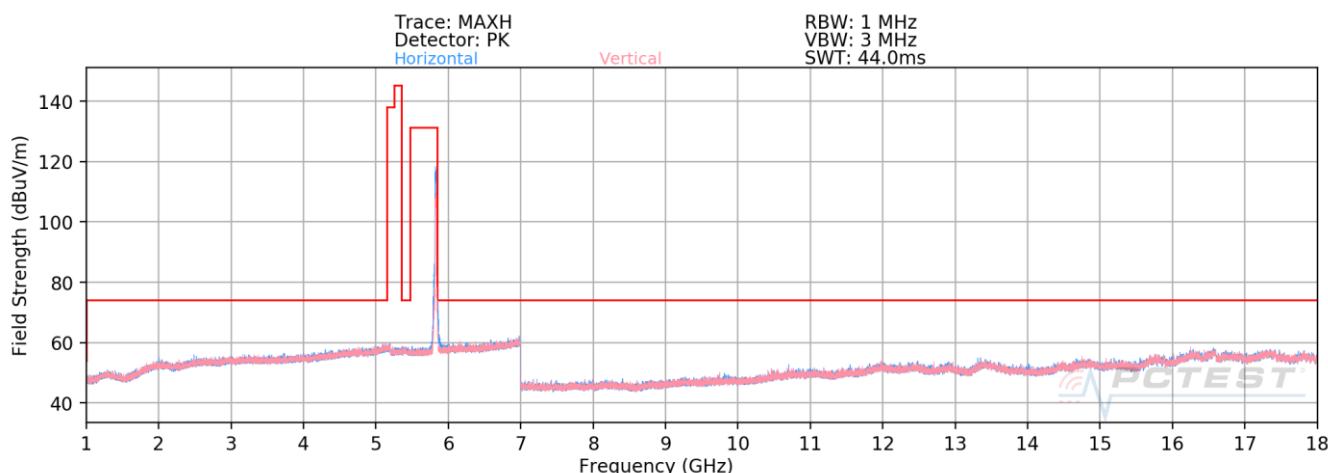
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 136 of 211	



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



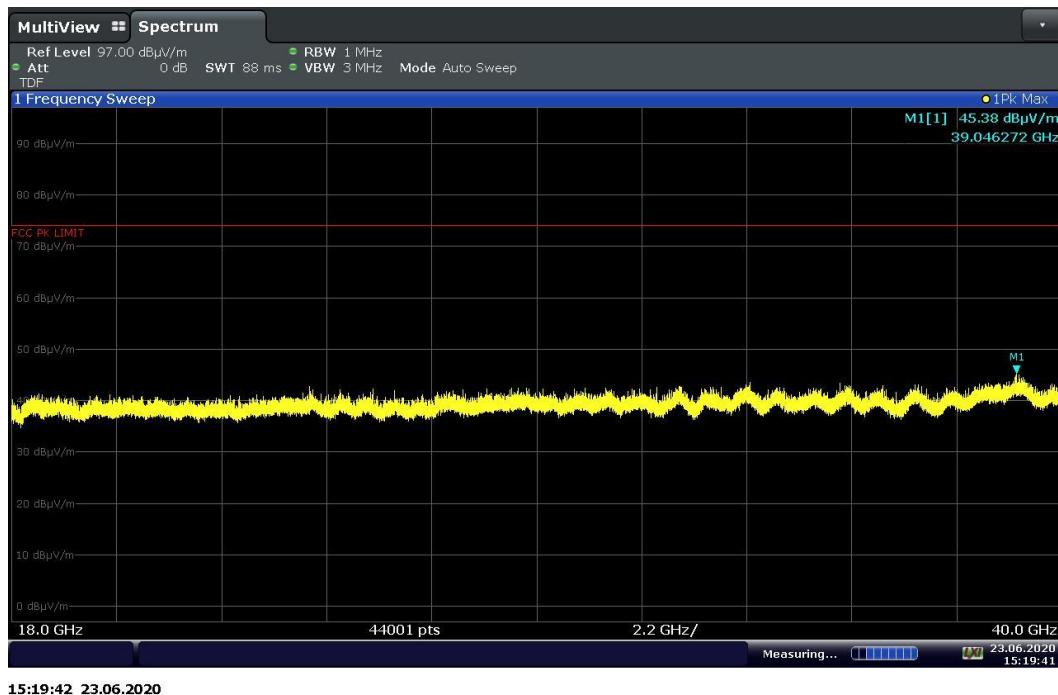
**Plot 7-205. Radiated Spurious Emissions above 1GHz CDD (802.11n – U3 Ch. 157)**



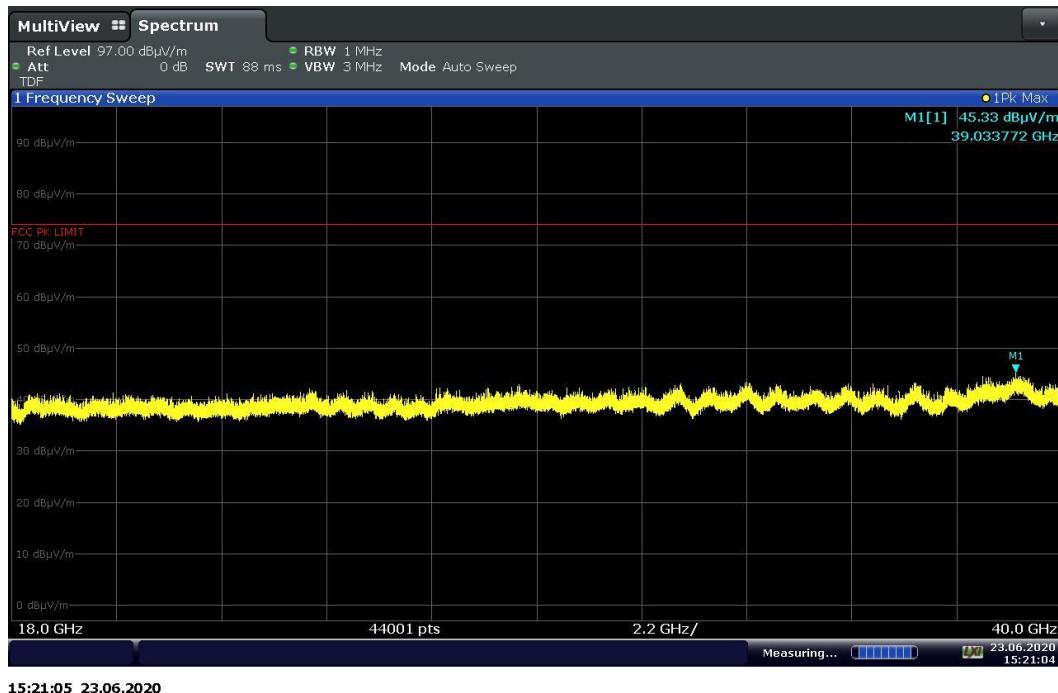
**Plot 7-206. Radiated Spurious Emissions above 1GHz CDD (802.11n – U3 Ch. 165)**

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 137 of 211	

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



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



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

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 138 of 211	

## SISO Core-0 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	V	-	-	-76.91	17.80	47.89	68.20	-20.31
* 15540.00	Average	V	-	-	-89.69	22.33	39.64	53.98	-14.34
* 15540.00	Peak	V	-	-	-78.08	22.33	51.25	73.98	-22.73

Table 7-36. Radiated Measurements SISO CORE 0

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-77.65	17.83	47.18	68.20	-21.02
* 15600.00	Average	V	-	-	-89.37	22.38	40.01	53.98	-13.97
* 15600.00	Peak	V	-	-	-77.13	22.38	52.25	73.98	-21.73

Table 7-37. Radiated Measurements SISO CORE 0

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-78.24	17.96	46.72	68.20	-21.48
* 15720.00	Average	V	-	-	-90.02	23.77	40.75	53.98	-13.23
* 15720.00	Peak	V	-	-	-78.12	23.77	52.65	73.98	-21.33

**Table 7-38. Radiated Measurements SISO CORE 0**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-80.47	18.11	44.64	68.20	-23.56
* 15780.00	Average	V	-	-	-92.06	24.12	39.06	53.98	-14.92
* 15780.00	Peak	V	-	-	-80.69	24.12	50.43	73.98	-23.55

**Table 7-39. Radiated Measurements SISO CORE 0**

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-80.06	18.12	45.06	68.20	-23.14
* 15840.00	Average	V	-	-	-91.82	23.63	38.81	53.98	-15.17
* 15840.00	Peak	V	-	-	-80.27	23.63	50.36	73.98	-23.62

**Table 7-40. Radiated Measurements SISO CORE 0**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-91.09	18.17	34.08	53.98	-19.89
* 10640.00	Peak	V	-	-	-79.83	18.17	45.34	73.98	-28.63
* 15960.00	Average	V	-	-	-91.61	22.74	38.13	53.98	-15.85
* 15960.00	Peak	V	-	-	-80.14	22.74	49.60	73.98	-24.38

**Table 7-41. Radiated Measurements SISO CORE 0**

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

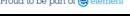
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	
*	11000.00	Average	V	-	-	-88.00	18.54	37.54	53.98	-16.44
*	11000.00	Peak	V	-	-	-75.74	18.54	49.80	73.98	-24.18
	16500.00	Peak	V	-	-	-76.85	24.11	54.26	68.20	-13.94

**Table 7-42. Radiated Measurements SISO CORE 0**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5580Hz
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	V	-	-	-87.77	18.55	37.78	53.98	-16.20
*	11160.00	Peak	V	-	-	-76.58	18.55	48.97	73.98	-25.01
	16740.00	Peak	V	-	-	-77.81	25.22	54.41	68.20	-13.79

**Table 7-43. Radiated Measurements SISO CORE 0**

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5720
Channel:	144

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]	
*	11440.00	Average	V	-	-	-88.39	18.83	37.44	53.98	-16.54
*	11440.00	Peak	V	-	-	-77.27	18.83	48.56	73.98	-25.42
	17160.00	Peak	V	-	-	-77.27	24.75	54.48	68.20	-13.72

**Table 7-44. Radiated Measurements SISO CORE 0**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5745MHz
Channel:	149

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]	
*	11490.00	Average	V	-	-	-90.34	19.20	35.86	53.98	-18.12
*	11490.00	Peak	V	-	-	-78.66	19.20	47.54	73.98	-26.44
	17235.00	Peak	V	-	-	-79.43	25.73	53.30	68.20	-14.90

**Table 7-45. Radiated Measurements SISO CORE 0**

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5785MHz
Channel:	157

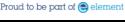
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11570.00	Average	V	236	51	-88.64	19.17	37.53	53.98	-16.45
* 11570.00	Peak	V	236	51	-78.69	19.17	47.48	73.98	-26.50
17355.00	Peak	V	-	-	-78.76	26.03	54.27	68.20	-13.93

**Table 7-46. Radiated Measurements SISO CORE 0**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11650.00	Average	V	231	36	-89.04	19.36	37.32	53.98	-16.66
* 11650.00	Peak	V	231	36	-78.77	19.36	47.59	73.98	-26.39
17475.00	Peak	V	-	-	-78.92	25.18	53.26	68.20	-14.94

**Table 7-47. Radiated Measurements SISO CORE 0**

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

## 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:	MSC0
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	-	-	-76.13	17.80	48.67	68.20	-19.53
* 15540.00	Average	H	-	-	-88.51	22.33	40.82	53.98	-13.16
* 15540.00	Peak	H	-	-	-76.75	22.33	52.58	73.98	-21.40

Table 7-48. Radiated Measurements SISO CORE 1

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	-	-	-76.43	17.83	48.40	68.20	-19.80
* 15600.00	Average	H	-	-	-88.49	22.38	40.89	53.98	-13.09
* 15600.00	Peak	H	-	-	-77.65	22.38	51.73	73.98	-22.25

Table 7-49. Radiated Measurements SISO CORE 1

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	-	-	-77.30	17.96	47.66	68.20	-20.54
* 15720.00	Average	H	-	-	-88.20	23.77	42.57	53.98	-11.41
* 15720.00	Peak	H	-	-	-77.26	23.77	53.51	73.98	-20.47

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	-	-	-78.08	18.11	47.03	68.20	-21.17
* 15780.00	Average	H	-	-	-90.20	24.12	40.92	53.98	-13.06
* 15780.00	Peak	H	-	-	-78.45	24.12	52.67	73.98	-21.31

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

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	-	-	-78.27	18.12	46.85	68.20	-21.35
* 15840.00	Average	H	-	-	-90.00	23.63	40.63	53.98	-13.35
* 15840.00	Peak	H	-	-	-78.83	23.63	51.80	73.98	-22.18

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	-	-	-89.02	18.17	36.15	53.98	-17.82
* 10640.00	Peak	H	-	-	-77.98	18.17	47.19	73.98	-26.78
* 15960.00	Average	H	-	-	-89.35	22.74	40.39	53.98	-13.59
* 15960.00	Peak	H	-	-	-78.51	22.74	51.23	73.98	-22.75

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

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100

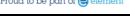
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
* 11000.00	Average	H	233	358	-84.57	13.75	36.18	53.98	-17.80
* 11000.00	Peak	H	233	358	-73.92	13.75	46.83	73.98	-27.15
16500.00	Peak	H	-	-	-75.04	18.62	50.58	68.20	-17.62

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

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580z  
 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	-	-	-86.16	13.78	34.62	53.98	-19.36
* 11160.00	Peak	H	-	-	-74.54	13.78	46.24	73.98	-27.74
16740.00	Peak	H	-	-	-74.61	19.34	51.73	68.20	-16.47

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

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of  <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	-	-	-85.64	13.90	35.26	53.98	-18.72
* 11440.00	Peak	H	-	-	-74.65	13.90	46.25	73.98	-27.73
17160.00	Peak	H	-	-	-74.86	18.99	51.13	68.20	-17.07

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	233	12	-83.08	14.28	38.20	53.98	-15.78
* 11490.00	Peak	H	233	12	-73.93	14.28	47.35	73.98	-26.63
17235.00	Peak	H	-	-	-74.71	19.62	51.91	68.20	-16.29

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

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	-	-	-85.99	14.27	35.28	53.98	-18.70
*	11570.00	Peak	H	-	-	-73.93	14.27	47.34	73.98	-26.64
	17355.00	Peak	H	-	-	-75.33	19.76	51.43	68.20	-16.77

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	220	37	-83.69	14.49	37.80	53.98	-16.18
*	11650.00	Peak	H	220	37	-73.71	14.49	47.78	73.98	-26.20
	17475.00	Peak	H	-	-	-74.66	19.15	51.49	68.20	-16.71

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

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

**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:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

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]
10360.00	Peak	V	-	-	-74.67	13.19	45.52	68.20	-22.68
* 15540.00	Average	V	-	-	-86.63	16.93	37.30	53.98	-16.68
* 15540.00	Peak	V	-	-	-76.05	16.93	47.88	73.98	-26.10

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40

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]
10400.00	Peak	V	-	-	-74.78	13.11	45.33	68.20	-22.87
* 15600.00	Average	V	-	-	-85.93	16.90	37.97	53.98	-16.01
* 15600.00	Peak	V	-	-	-74.93	16.90	48.97	73.98	-25.01

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

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of  MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5240MHz  
 Channel: 48

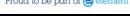
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10480.00	Peak	V	-	-	-74.05	13.36	46.31	68.20	-21.89
* 15720.00	Average	V	-	-	-86.54	18.17	38.63	53.98	-15.35
* 15720.00	Peak	V	-	-	-75.05	18.17	50.12	73.98	-23.86

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

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC8  
 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	V	-	-	-73.35	13.10	46.75	68.20	-21.45
* 15780.00	Average	V	-	-	-86.84	17.92	38.08	53.98	-15.90
* 15780.00	Peak	V	-	-	-75.02	17.92	49.90	73.98	-24.08

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

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of  <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC8
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	V	-	-	-74.22	13.64	46.42	68.20	-21.78
* 15840.00	Average	V	-	-	-86.42	18.40	38.98	53.98	-15.00
* 15840.00	Peak	V	-	-	-74.48	18.40	50.92	73.98	-23.06

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-85.64	13.32	34.68	53.98	-19.30
* 10640.00	Peak	V	-	-	-74.21	13.32	46.11	73.98	-27.87
* 15960.00	Average	V	-	-	-86.24	17.67	38.43	53.98	-15.55
* 15960.00	Peak	V	-	-	-75.23	17.67	49.44	73.98	-24.54

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

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 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	V	233	14	-83.56	13.75	37.19	53.98	-16.79
* 11000.00	Peak	V	233	14	-72.87	13.75	47.88	73.98	-26.10
16500.00	Peak	V	-	-	-73.90	18.62	51.72	68.20	-16.48

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

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC8  
 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	V	201	355	-85.54	13.78	35.24	53.98	-18.74
* 11160.00	Peak	V	201	355	-74.71	13.78	46.07	73.98	-27.91
16740.00	Peak	V	-	-	-74.84	19.34	51.50	68.20	-16.70

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

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of  <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC8
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	V	-	-	-85.70	13.90	35.20	53.98	-18.78
* 11440.00	Peak	V	-	-	-74.55	13.90	46.35	73.98	-27.63
17160.00	Peak	V	-	-	-74.23	18.99	51.76	68.20	-16.44

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

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-85.95	14.28	35.33	53.98	-18.65
* 11490.00	Peak	V	-	-	-74.28	14.28	47.00	73.98	-26.98
17235.00	Peak	V	-	-	-74.71	19.62	51.91	68.20	-16.29

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

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-86.28	14.27	34.99	53.98	-18.99
* 11570.00	Peak	V	-	-	-75.08	14.27	46.19	73.98	-27.79
17355.00	Peak	V	-	-	-74.75	19.76	52.01	68.20	-16.19

**Table 7-70. Radiated Measurements CDD**

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MSC0
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	V	-	-	-86.33	14.49	35.16	53.98	-18.82
* 11650.00	Peak	V	-	-	-75.53	14.49	45.96	73.98	-28.02
17475.00	Peak	V	-	-	-74.22	19.15	51.93	68.20	-16.27

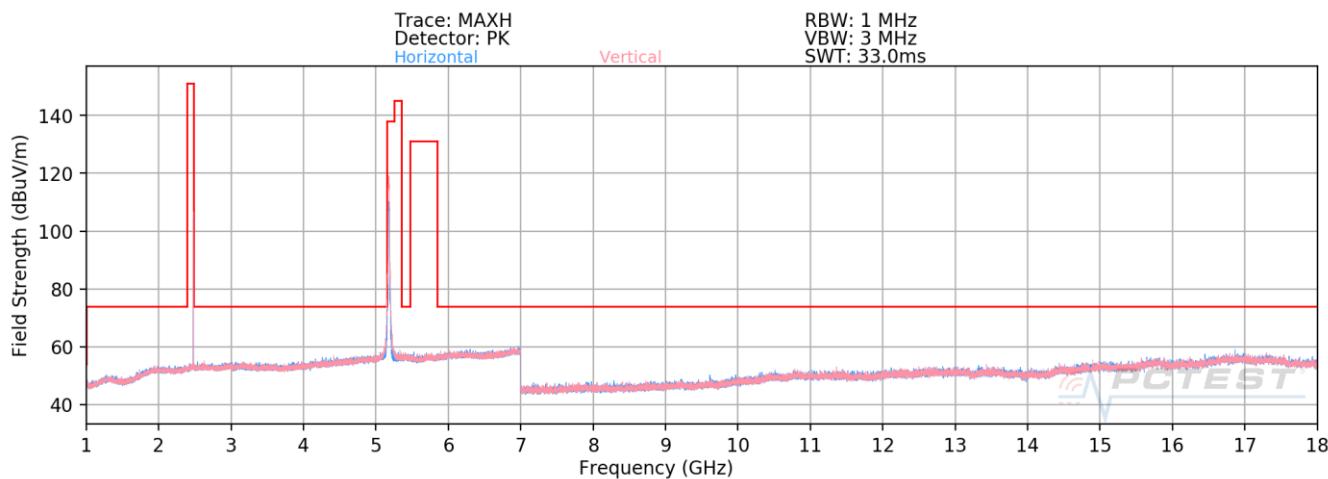
**Table 7-71. Radiated Measurements CDD**

FCC ID: BCGA2270	 <b>PCTEST®</b> Proud to be part of 				MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device				

#### 7.6.4 Simultaneous Tx Radiated Spurious Emissions Measurements §15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

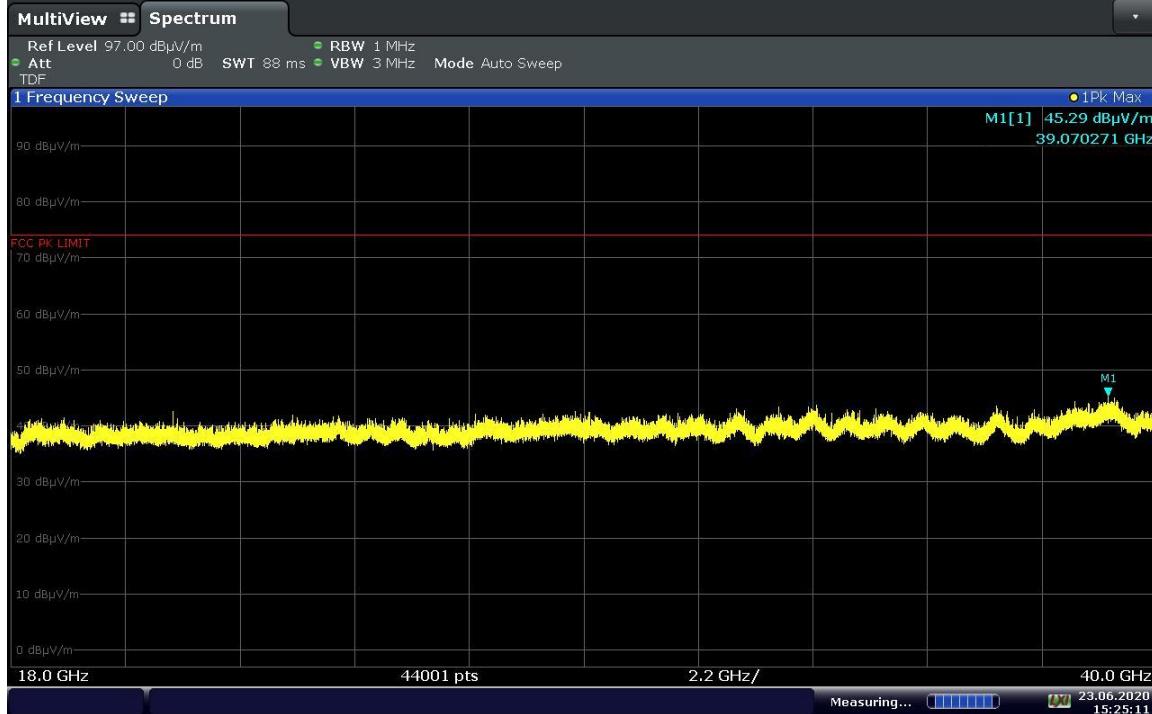
Description	Bluetooth	802.11a/n/ac 5GHz
Antenna	A	A
Channel	78	36
Operating Frequency (MHz)	2480	5180
Data Rate (Mbps)	1.0	MSC0
Mode	GFSK/ePA	802.11n

Table 7-72. Worst Case Simultaneous Transmission Configuration



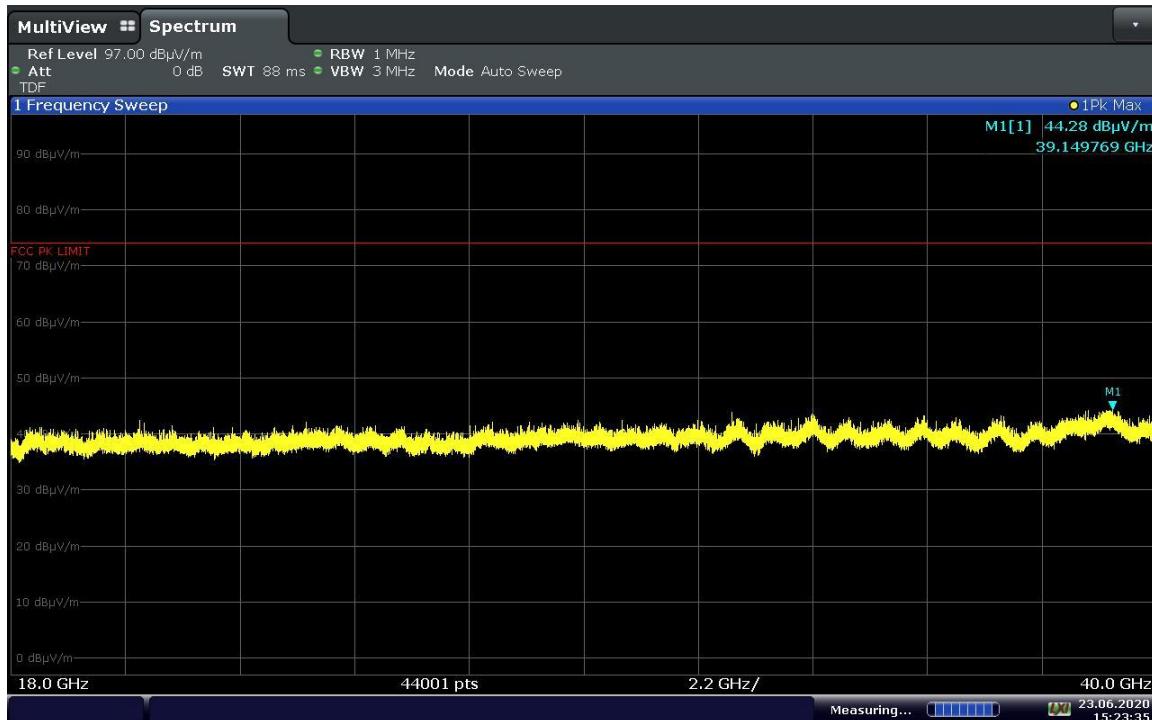
Plot 7-209. Radiated Spurious Emissions above 1GHz (2.4GHz – 5GHz)

FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 157 of 211	



15:25:12 23.06.2020

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



15:23:35 23.06.2020

**Plot 7-211. Radiated Spurious Emissions 18GHz – 40GHz (2.4GHz – 5GHz) Pol V**

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 158 of 211	

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]
4960.00	Avg	V	291	3	-72.26	14.07	48.81	53.98	-5.17
4960.00	Peak	V	291	3	-65.57	14.07	55.50	73.98	-18.48
7440.00	Avg	V	-	-	-79.82	9.20	36.38	53.98	-17.60
7440.00	Peak	V	-	-	-69.57	9.20	46.63	73.98	-27.35
12400.00	Avg	V	-	-	-85.18	17.91	39.73	53.98	-14.25
12400.00	Peak	V	-	-	-74.64	17.91	50.27	73.98	-23.71
10360.00	Peak	V	-	-	-73.16	14.20	48.04	68.20	-20.16
15540.00	Avg	V	-	-	-85.66	19.65	40.99	53.98	-12.99
15540.00	Peak	V	-	-	-74.78	19.65	51.87	73.98	-22.11

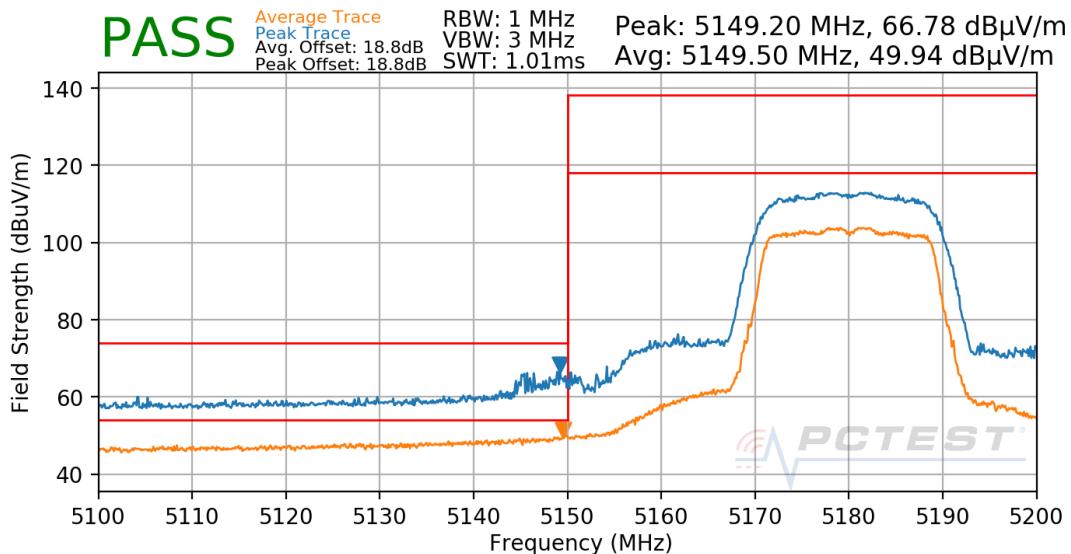
Table 7-73. Radiated Measurements (2.4GHz – 5GHz)

FCC ID: BCGA2270	 <b>PCTEST<sup>®</sup></b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

### 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]

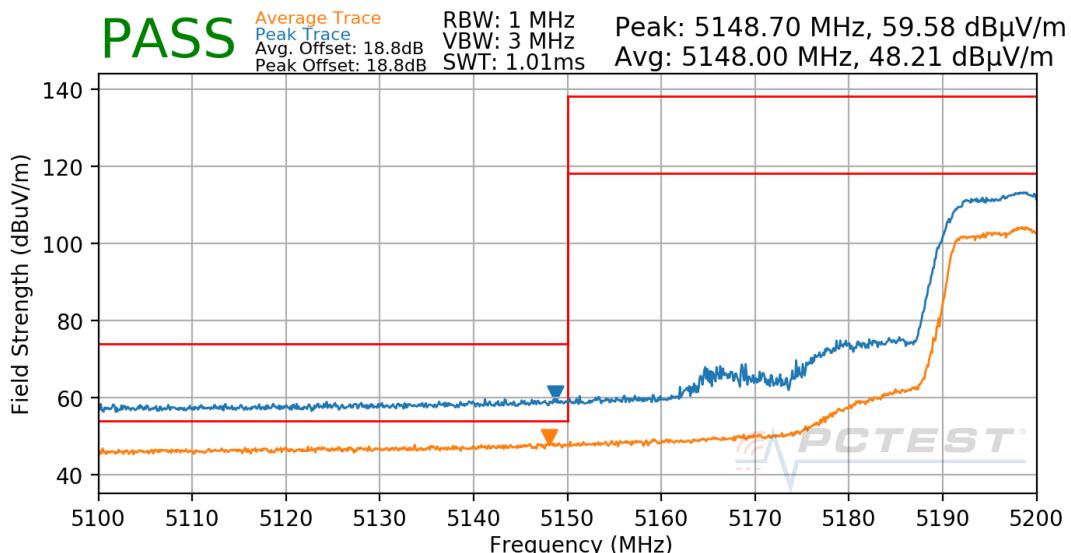
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5180MHz  
 Channel: 36



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

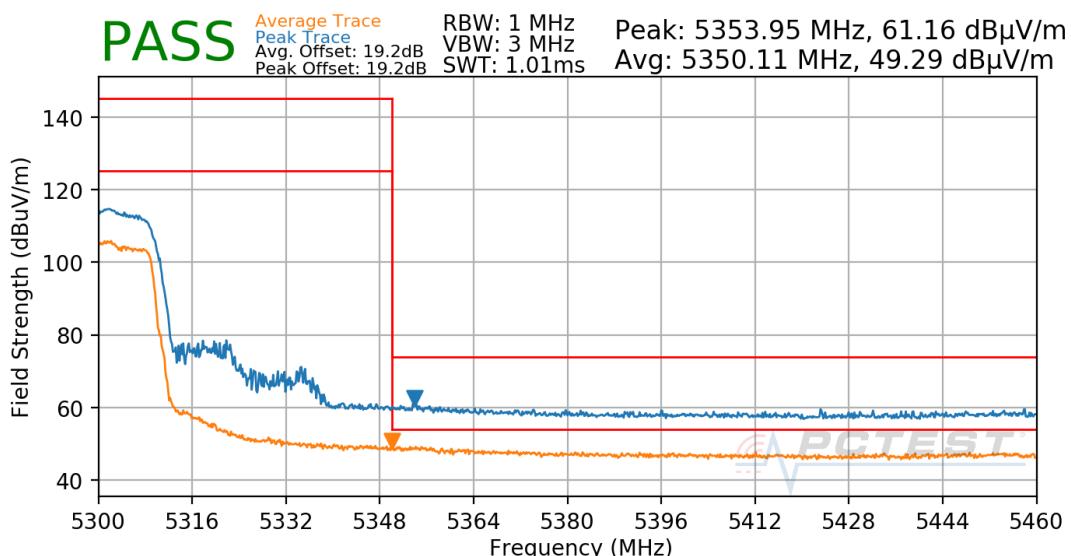
FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 160 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5200MHz  
 Channel: 40



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

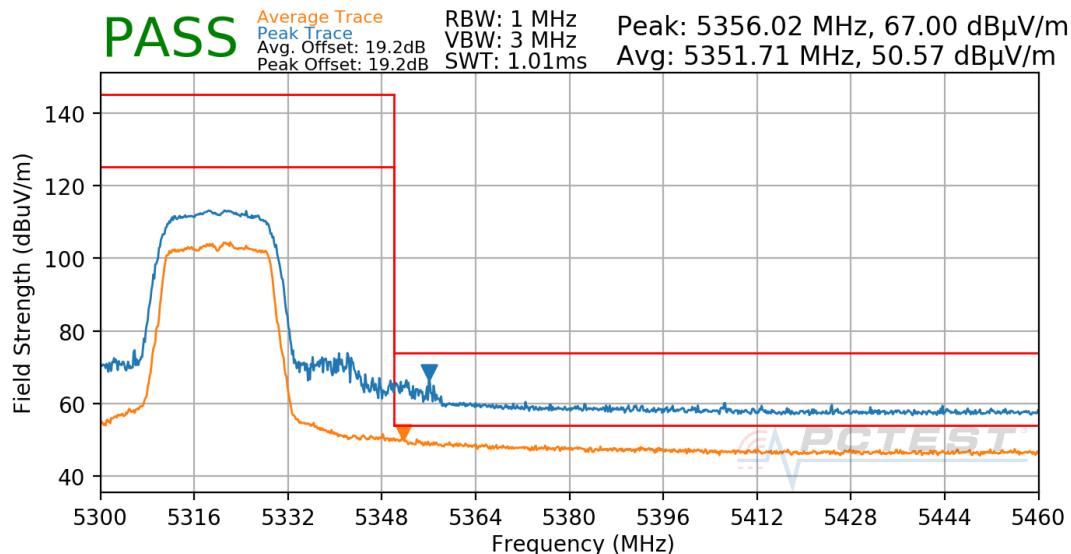
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5300MHz  
 Channel: 60



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

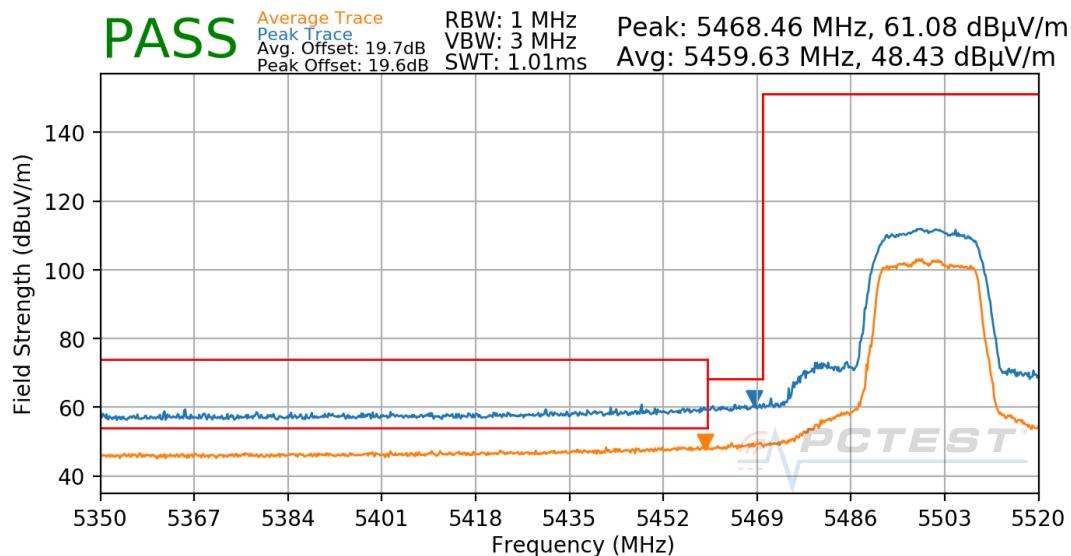
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 161 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64



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

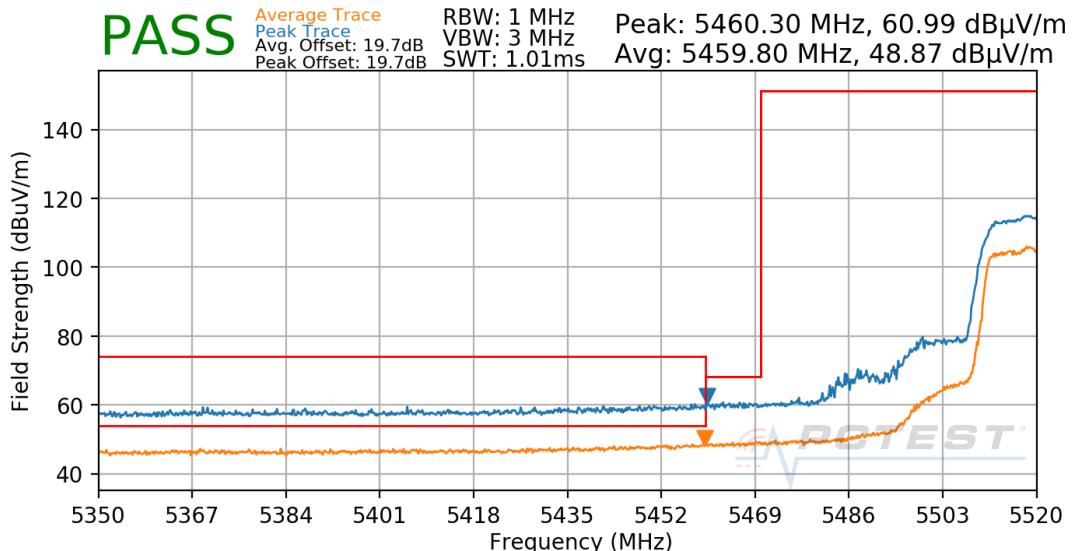
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100



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

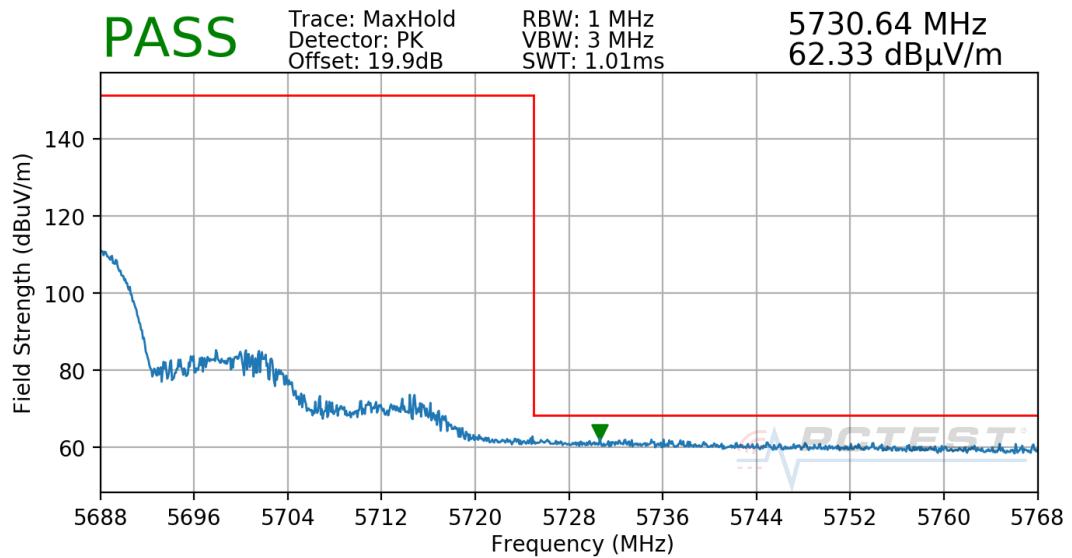
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 162 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5520MHz  
 Channel: 104



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

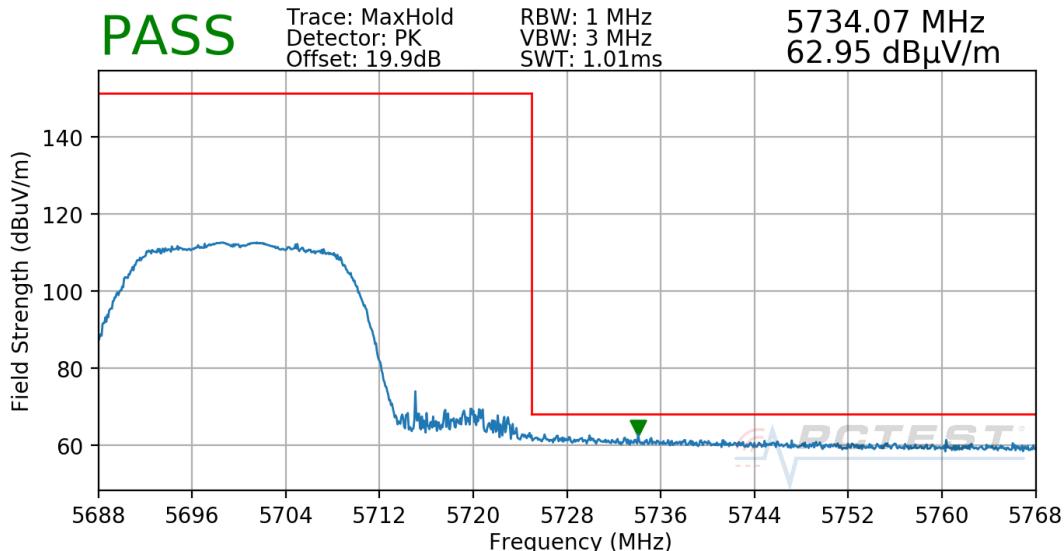
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5680MHz  
 Channel: 136



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

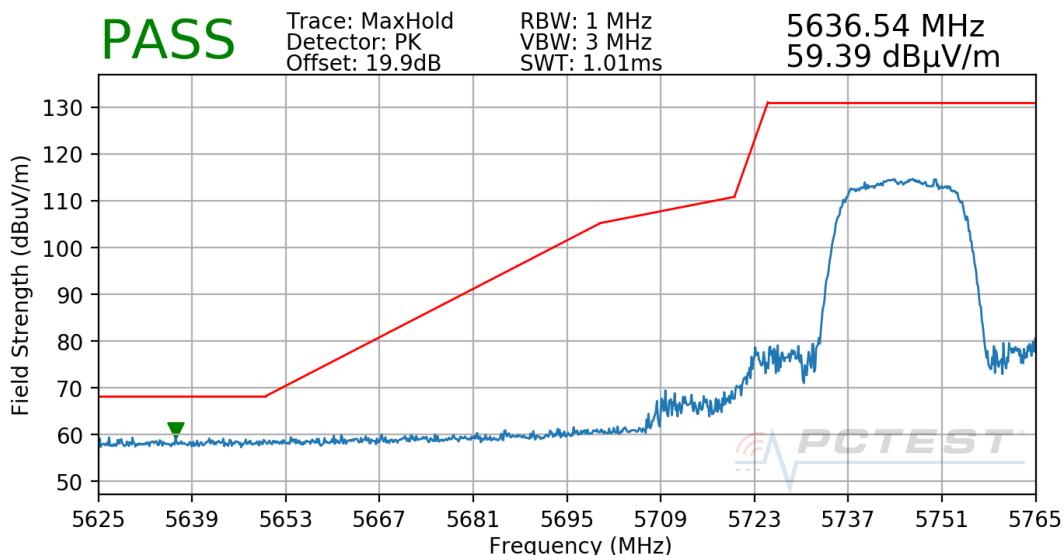
FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 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)**

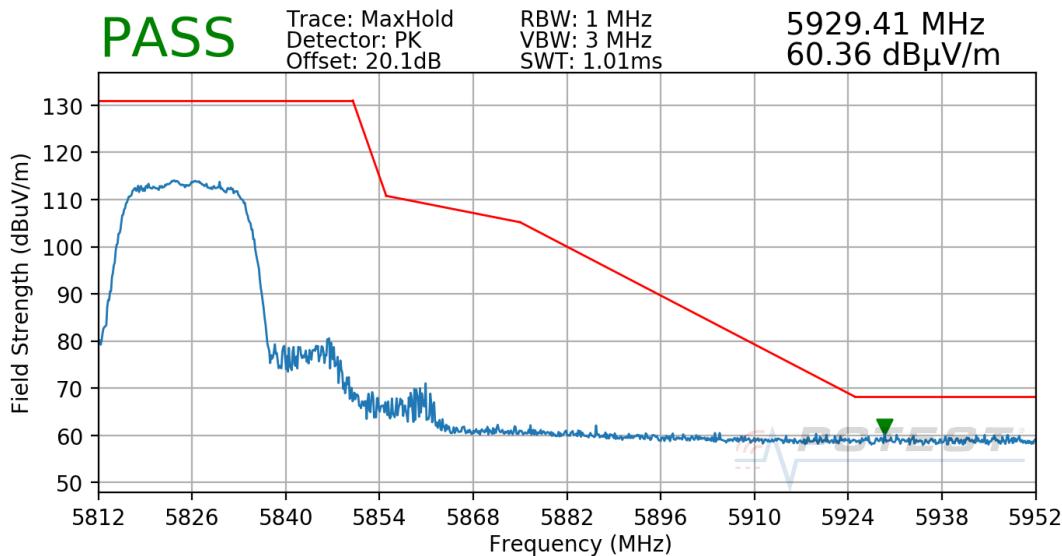
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5745MHz  
 Channel: 149



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

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 164 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165



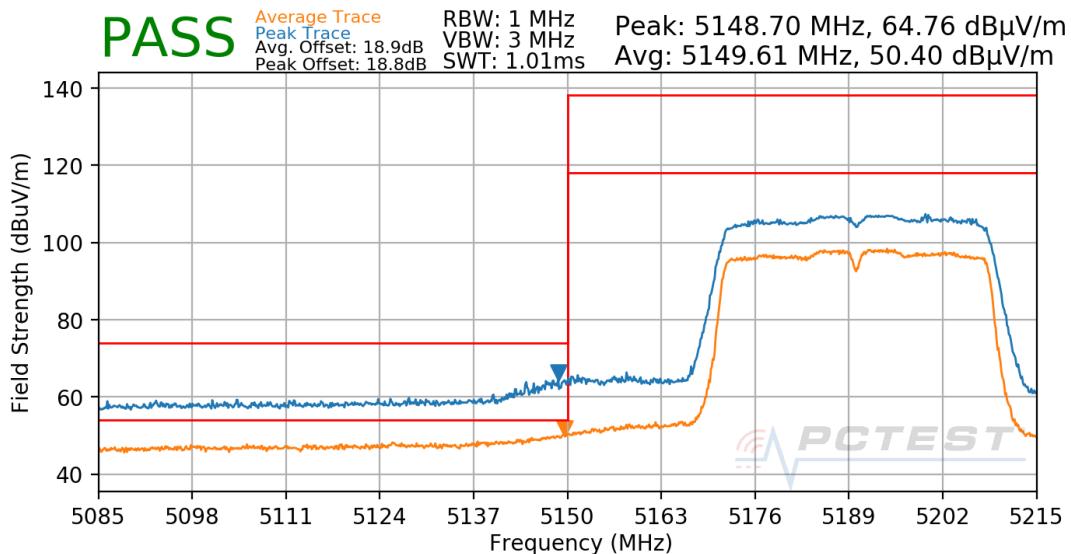
Plot 7-221. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 165 of 211	

## 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]

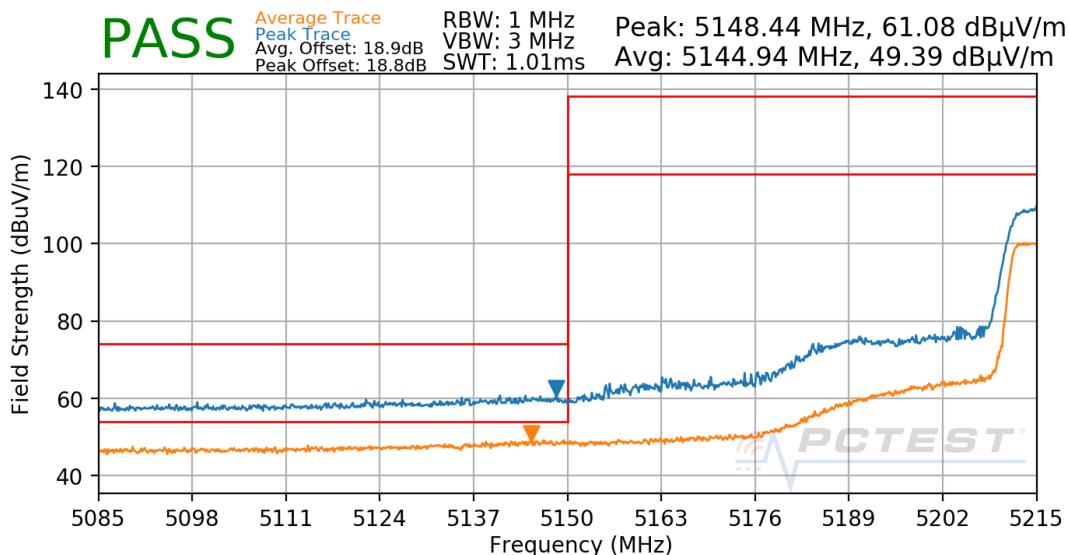
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5190MHz  
 Channel: 38



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

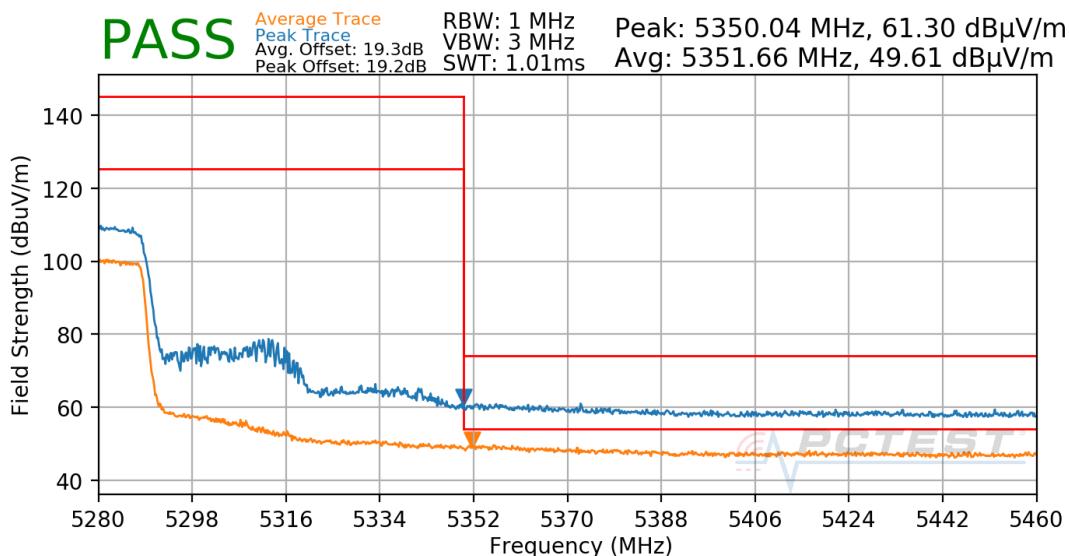
FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 166 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5230MHz  
 Channel: 46



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

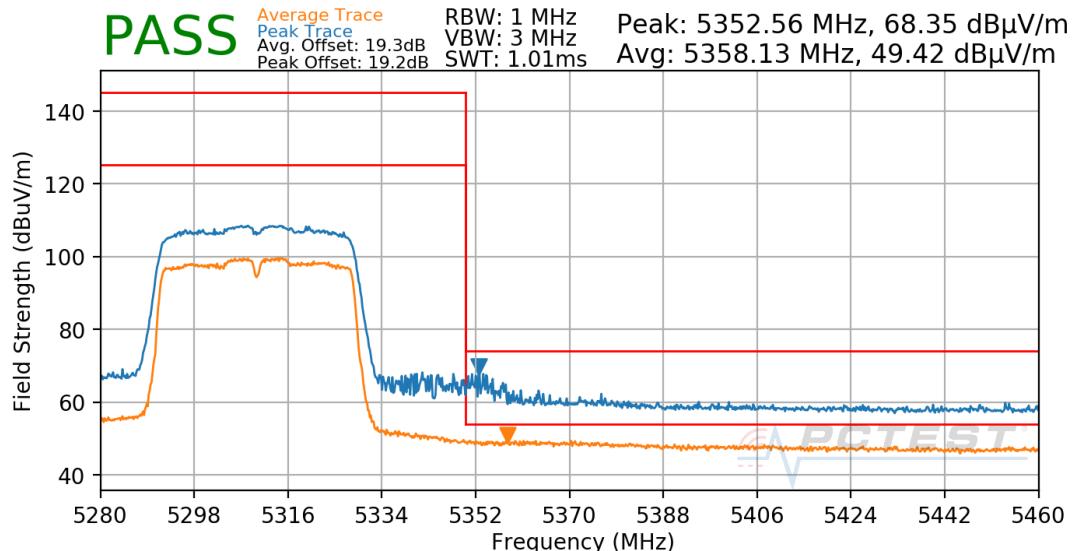
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5270MHz  
 Channel: 54



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

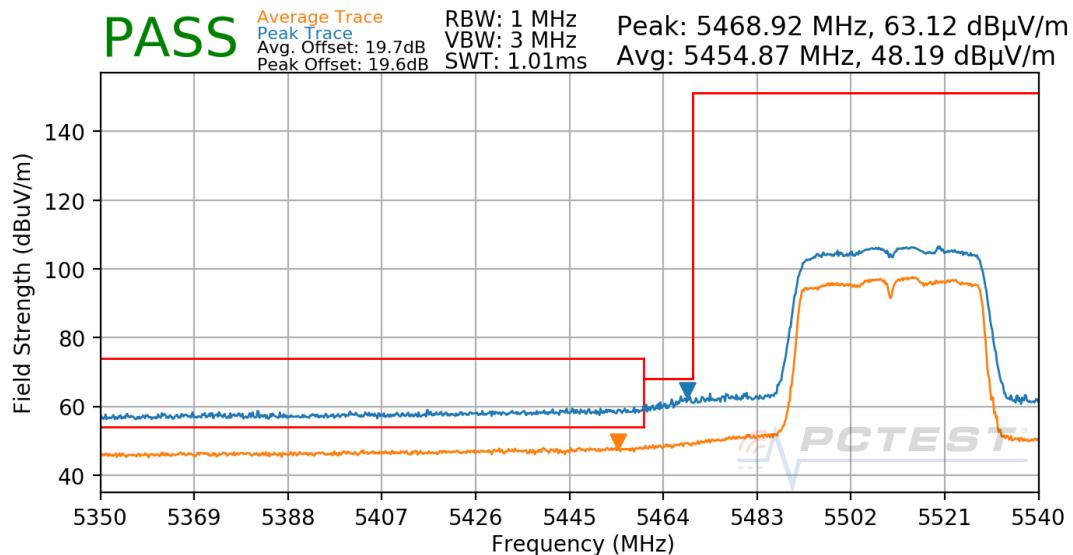
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5310MHz  
 Channel: 62



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

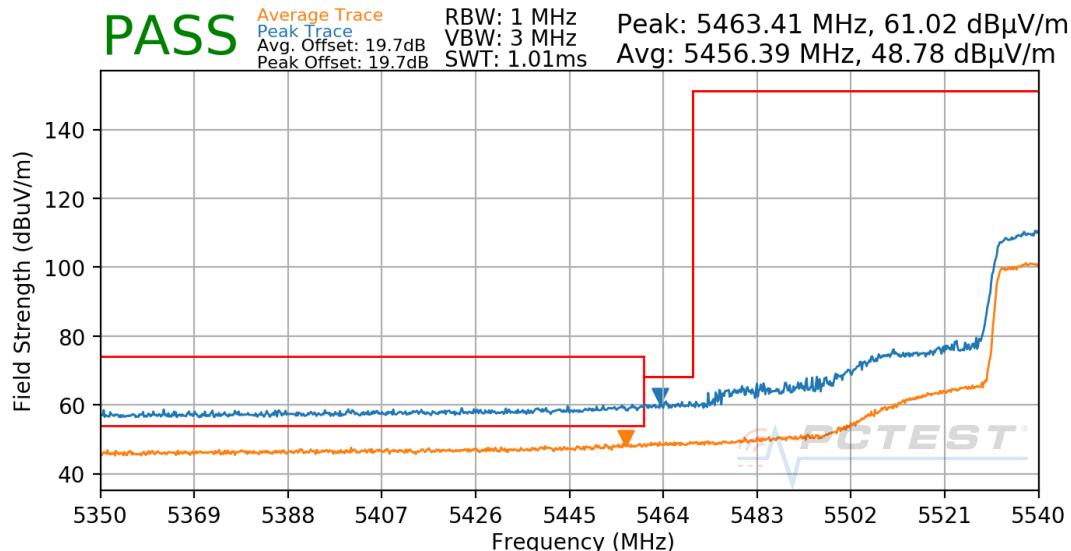
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5510MHz  
 Channel: 102



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

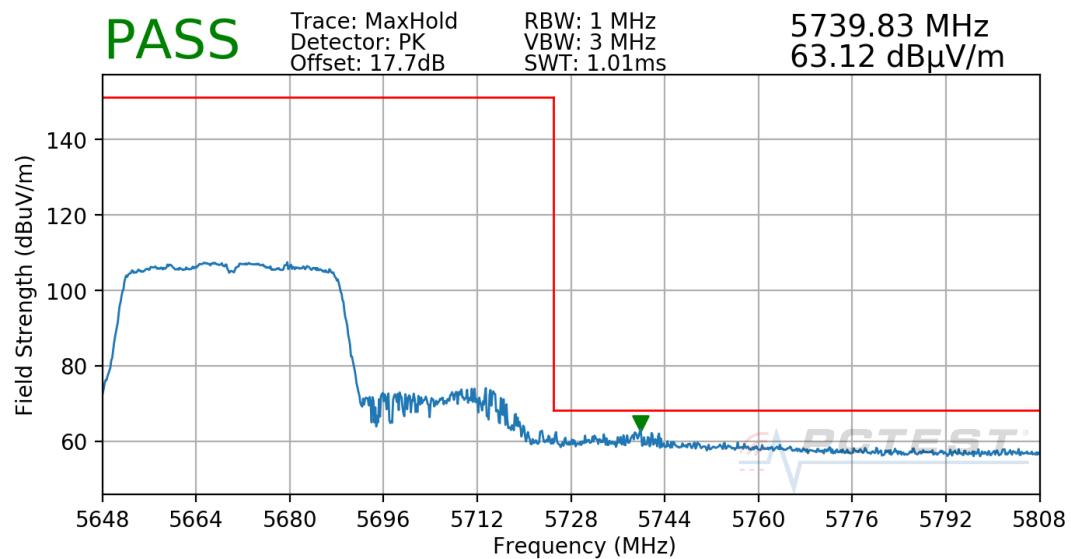
FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 168 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5550MHz  
 Channel: 110



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

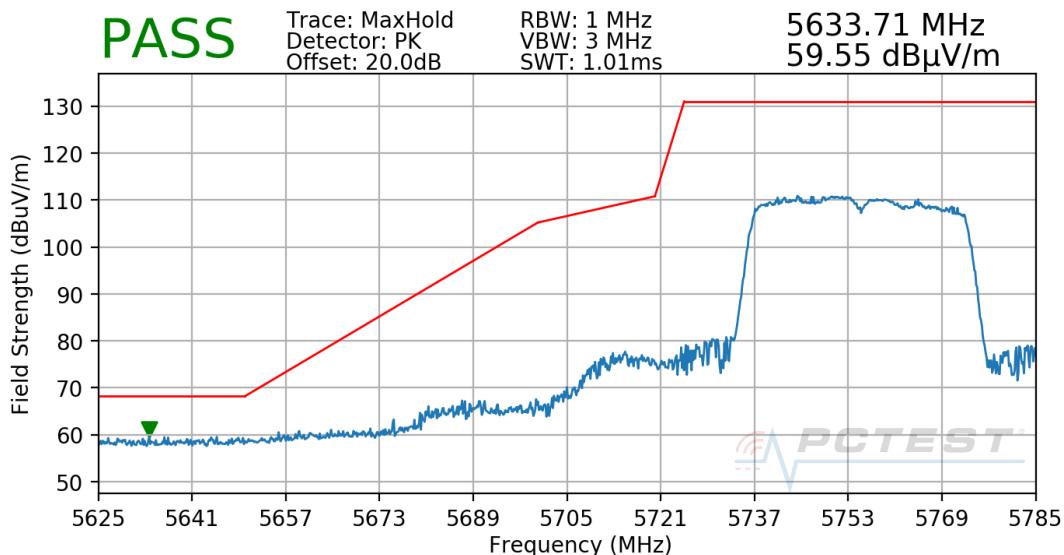
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5670MHz  
 Channel: 134



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

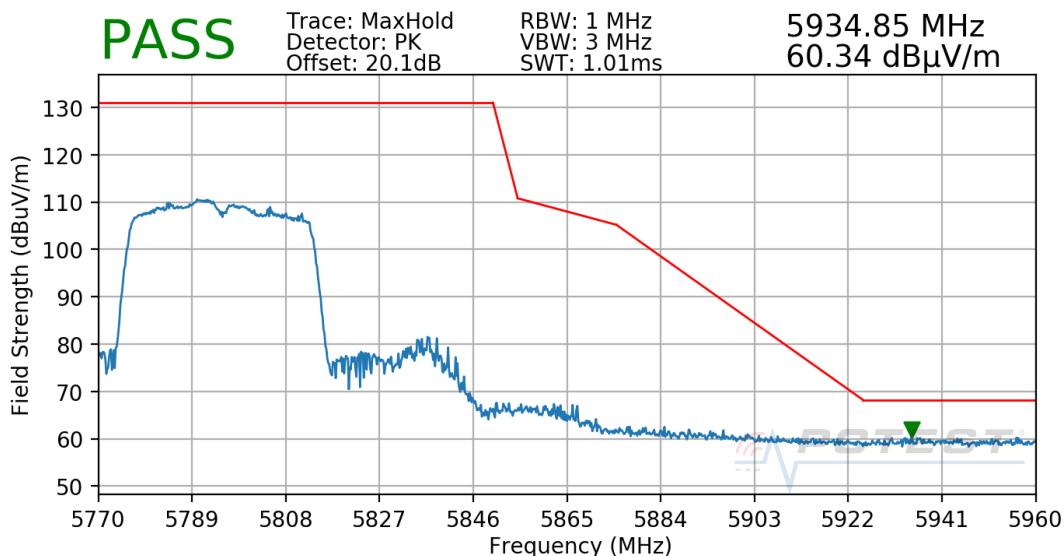
FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 169 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 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)**

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5795MHz  
 Channel: 159



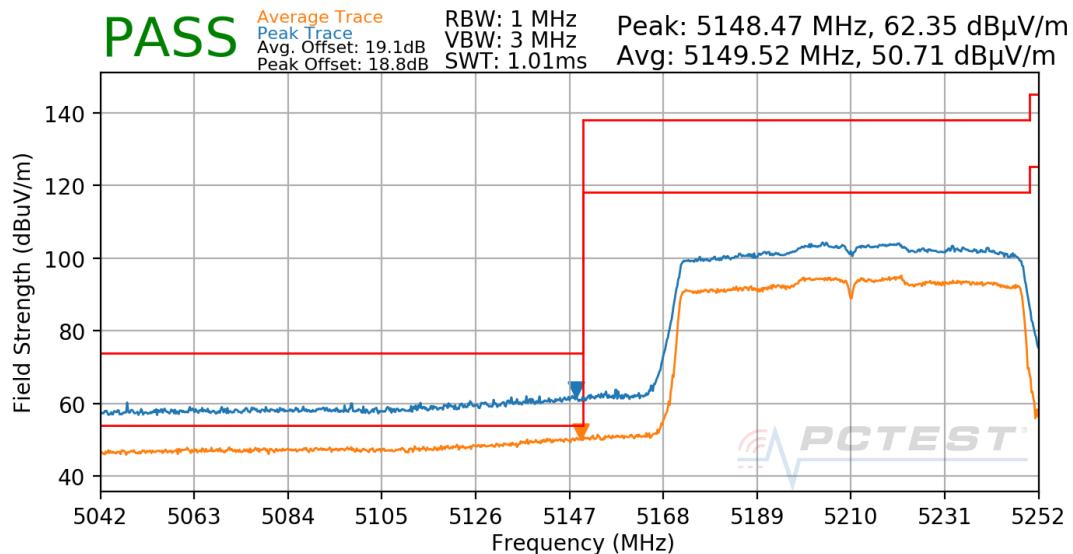
**Plot 7-230. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2270	<b>PCTEST®</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

### 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]

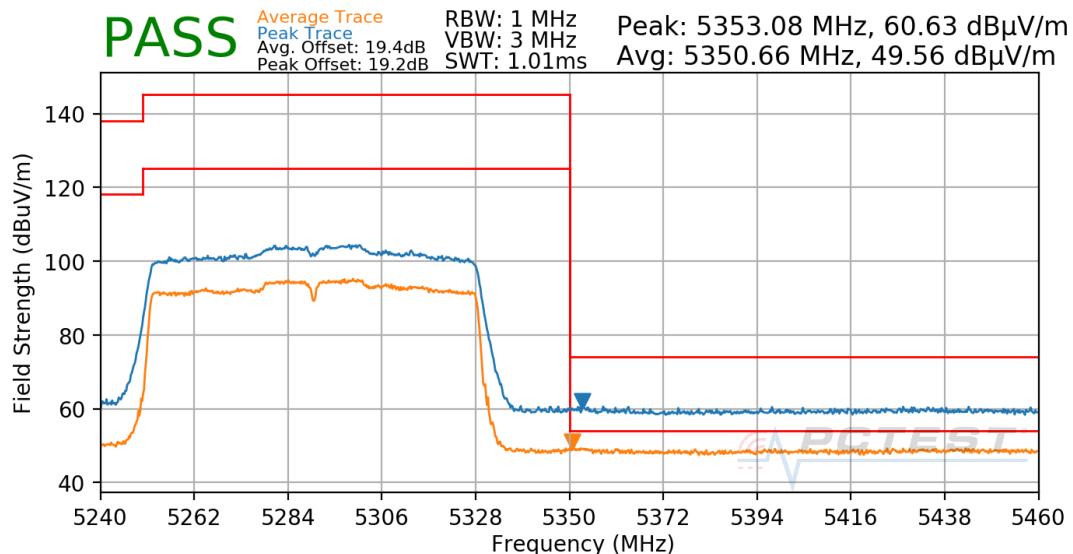
Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5210MHz  
 Channel: 42



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

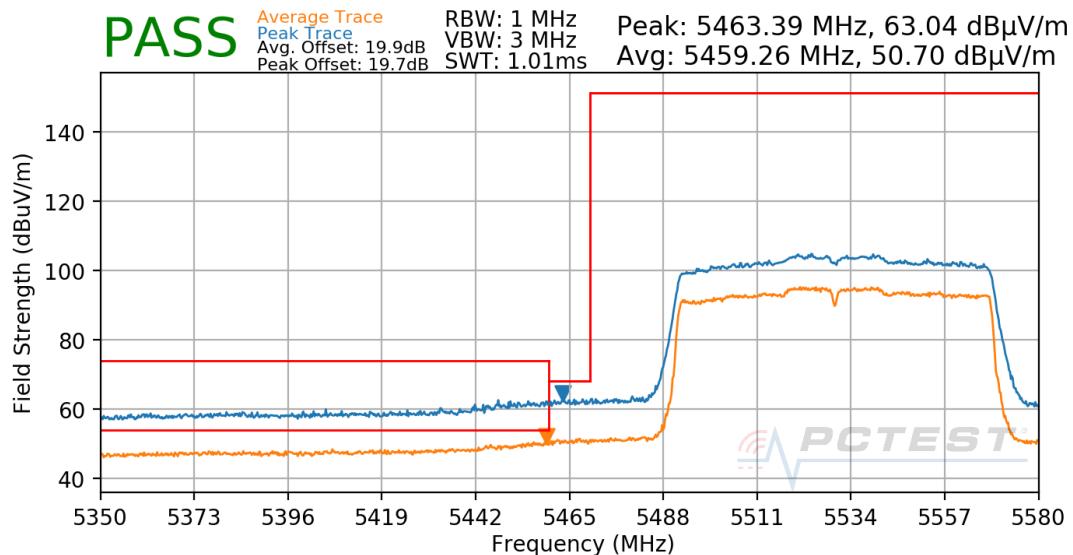
FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 171 of 211	

Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5290MHz  
 Channel: 58



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

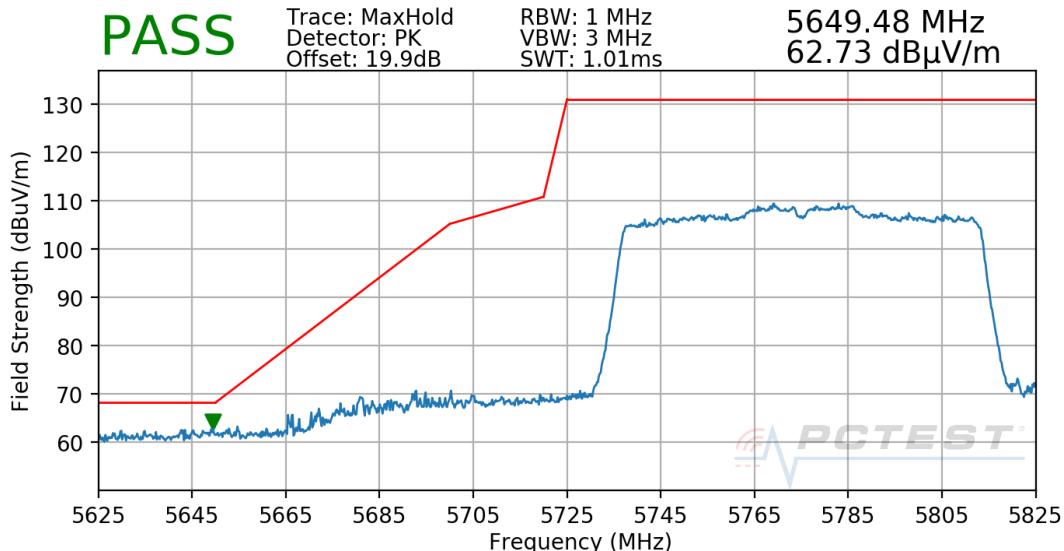
Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5530MHz  
 Channel: 106



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

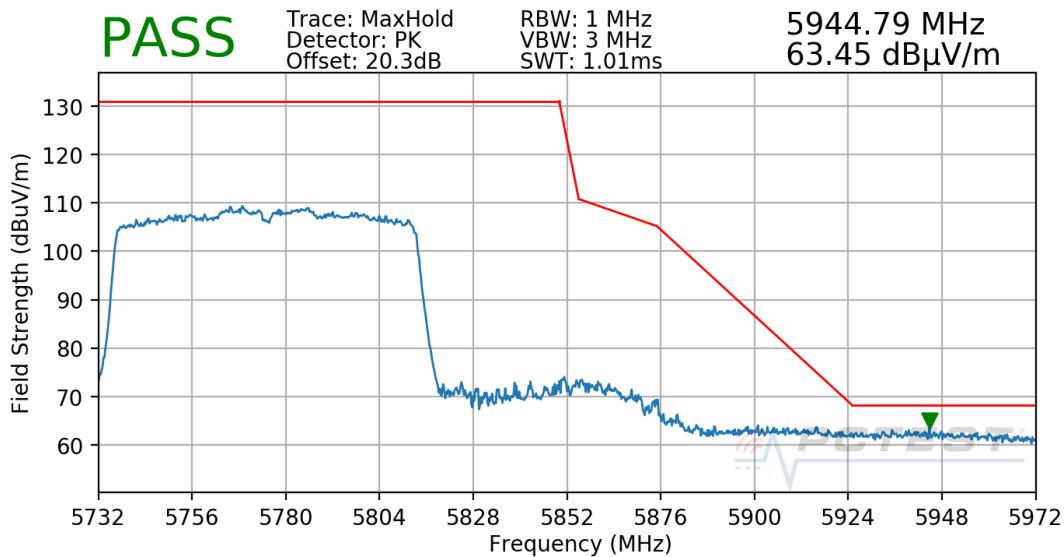
FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MSC0  
 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)**

Worst Case Mode: 802.11ac  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5775MHz  
 Channel: 155



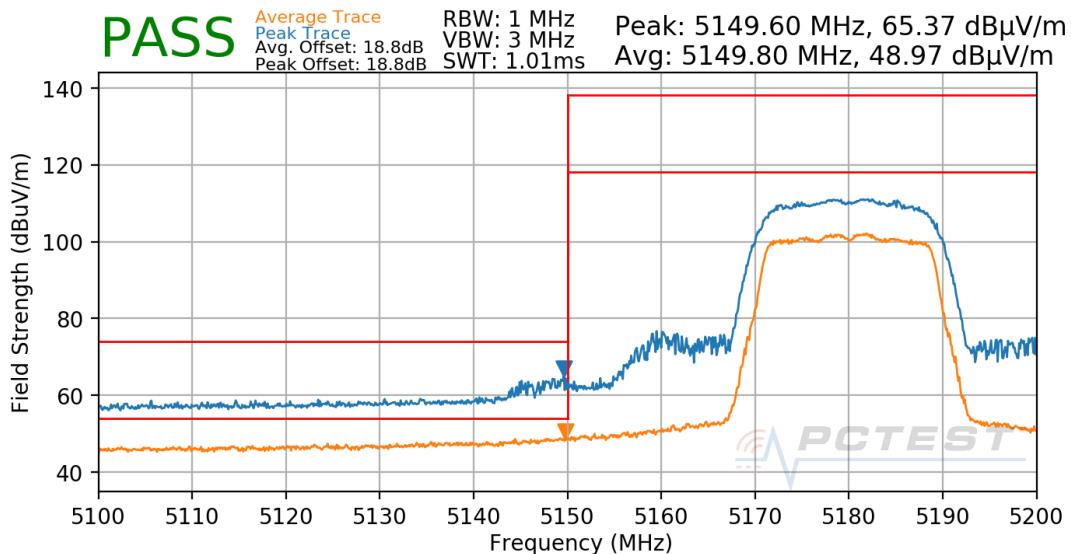
**Plot 7-235. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 173 of 211	

### 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]

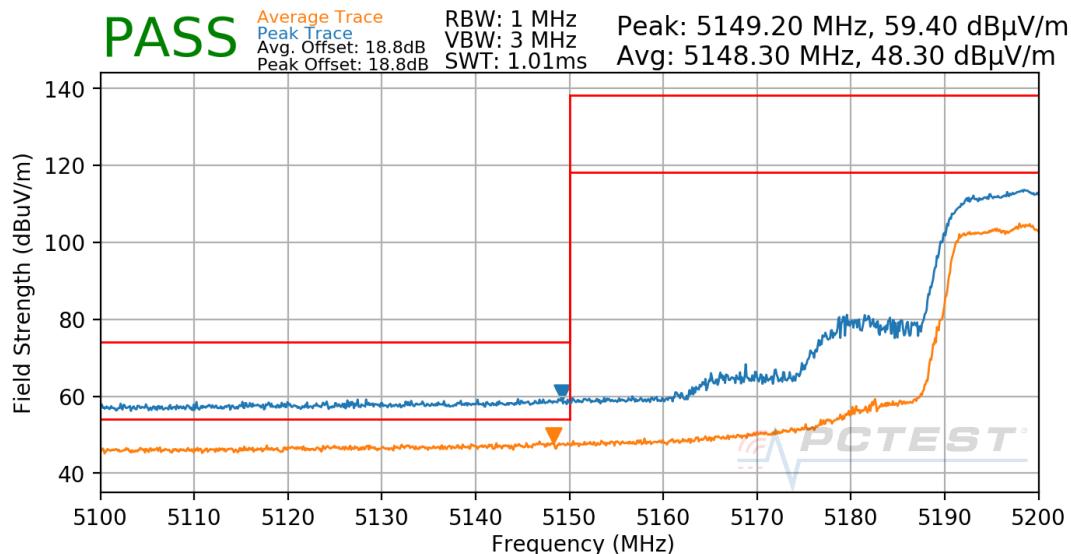
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5180MHz  
 Channel: 36



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

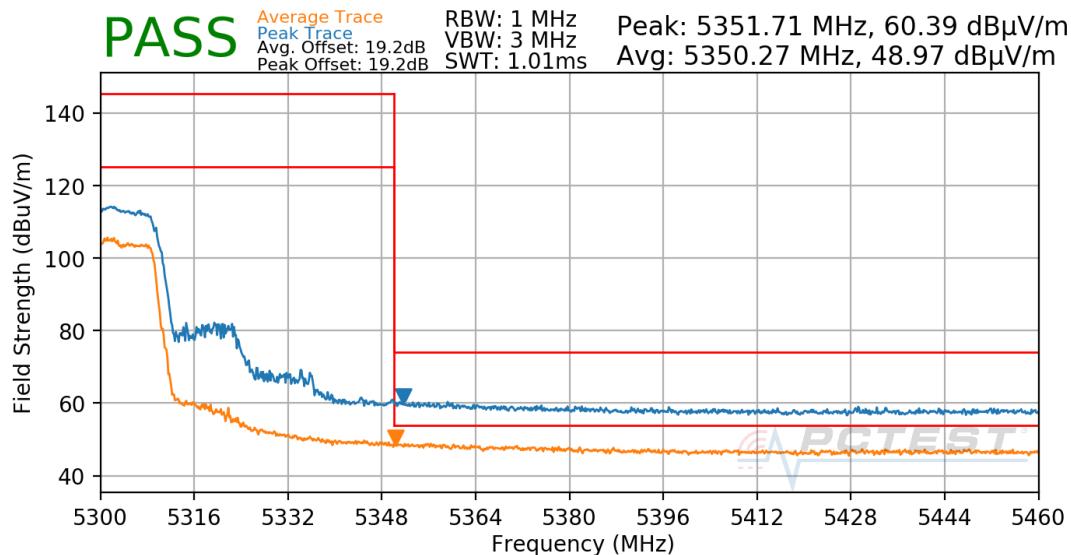
FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device	Page 174 of 211	

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5200MHz  
 Channel: 40



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

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MSC0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5300MHz  
 Channel: 60



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

FCC ID: BCGA2270	<b>PCTEST</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270032-06.BCG	Test Dates: 05/01/2020 - 07/01/2020	EUT Type: Tablet Device			