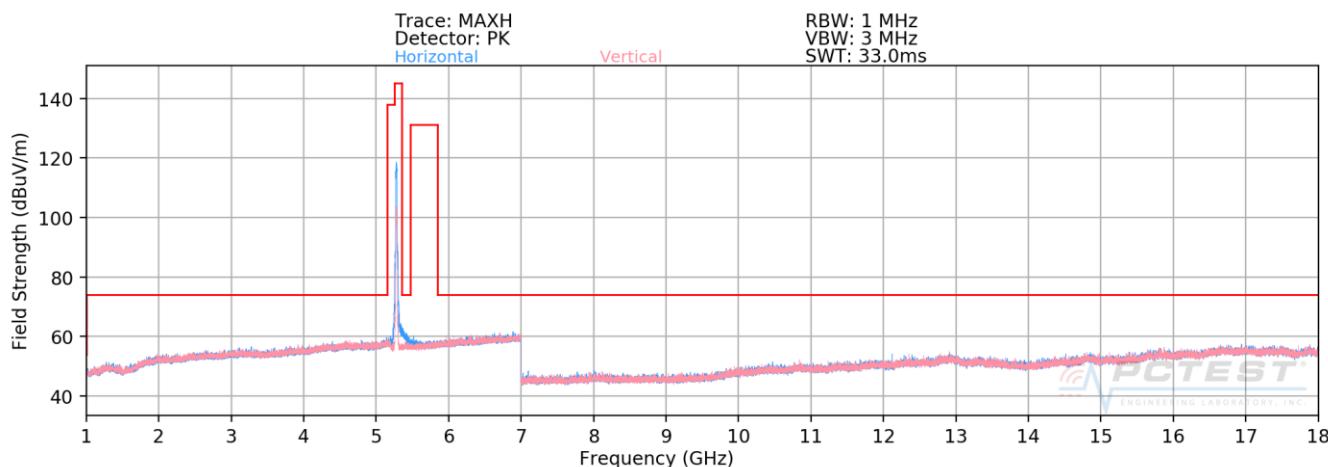
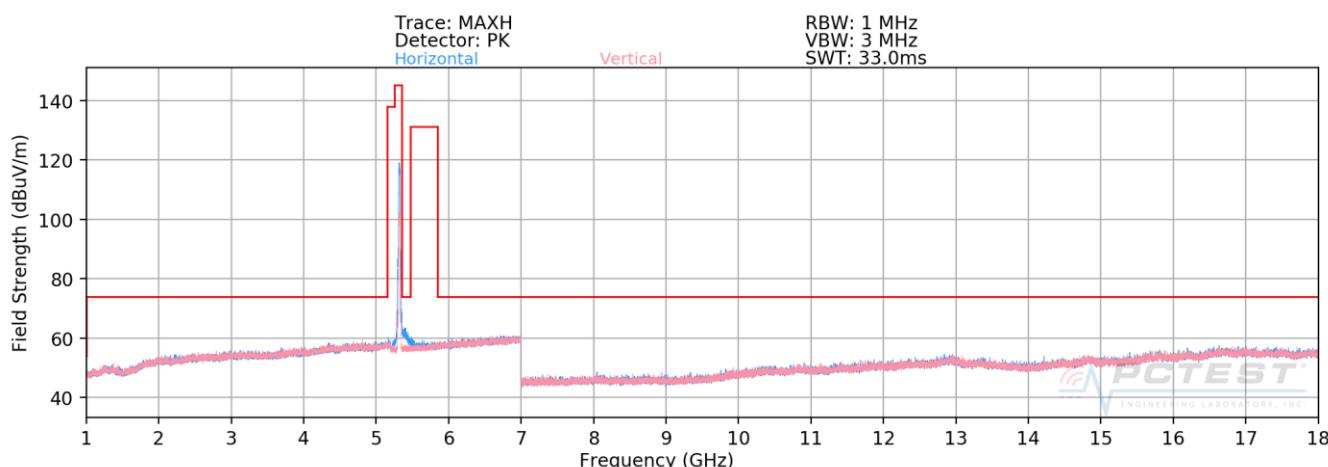


Plot 7-198. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 52)

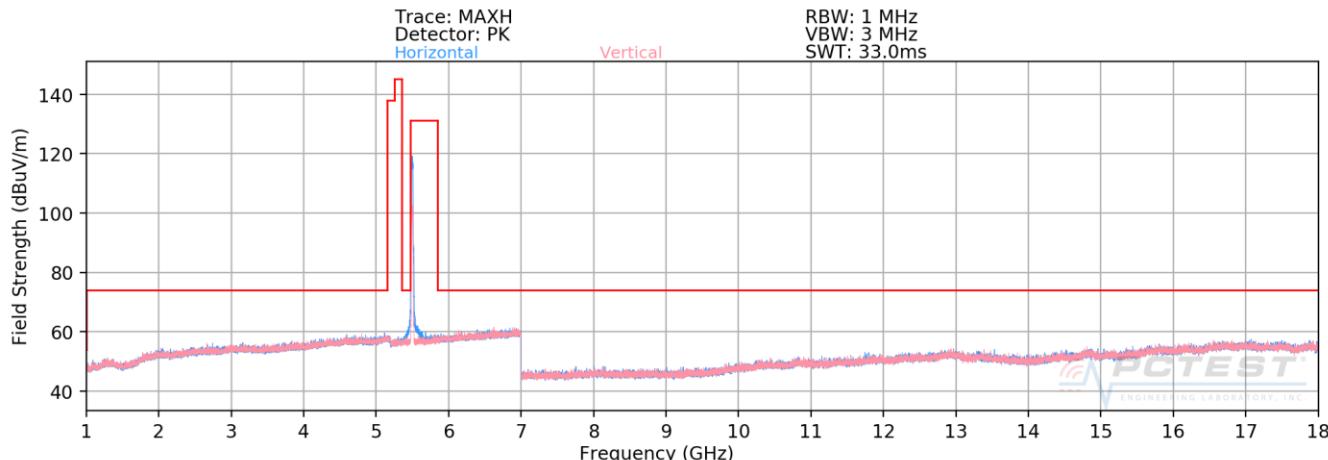


Plot 7-199. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 60)

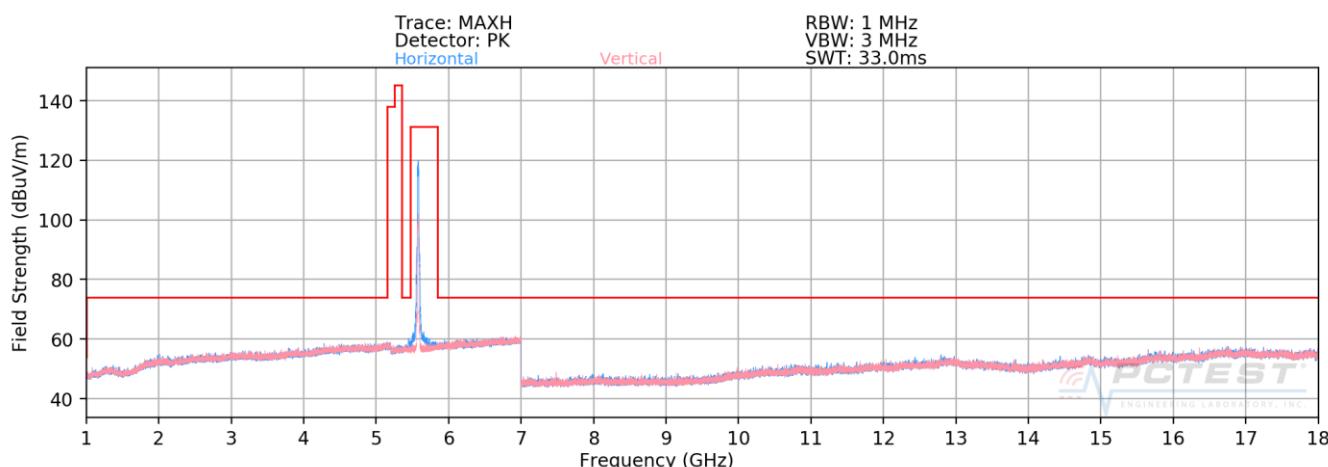


Plot 7-200. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 64)

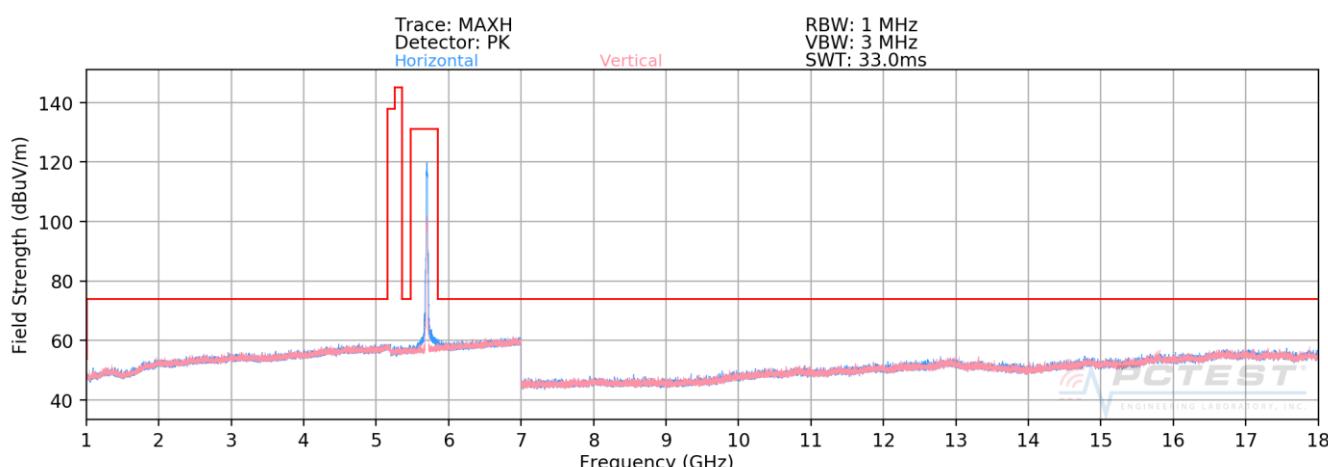
FCC ID: BCGA2230	PCTEST® MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 149 of 207	



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

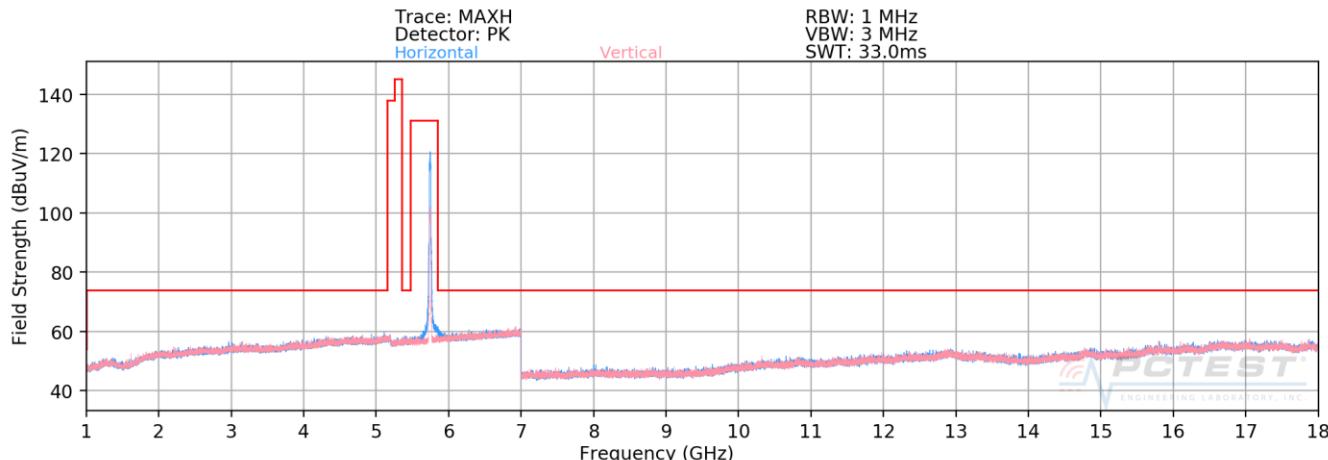


Plot 7-202. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 116)

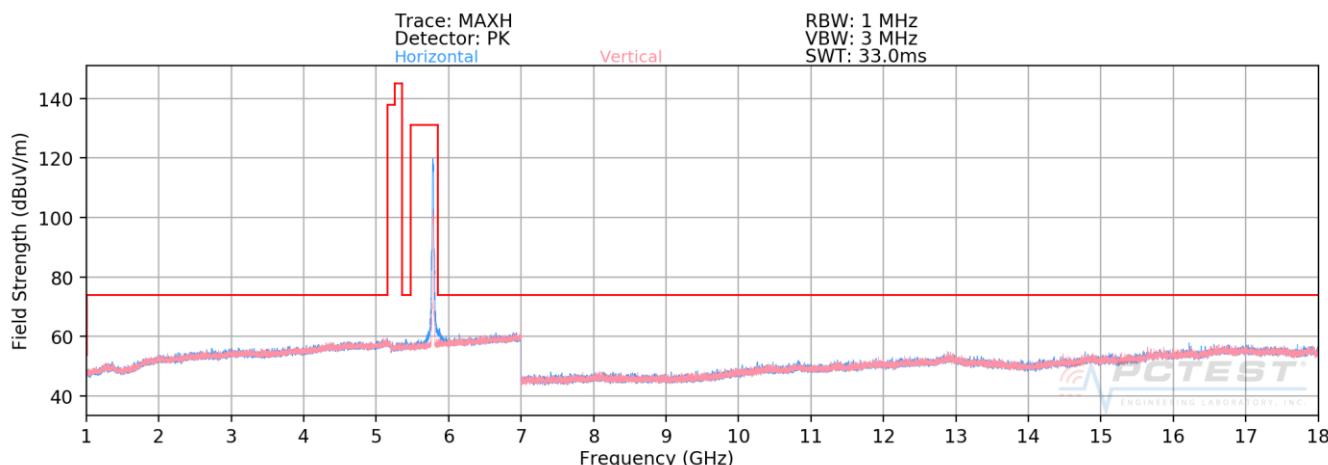


Plot 7-203. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 144)

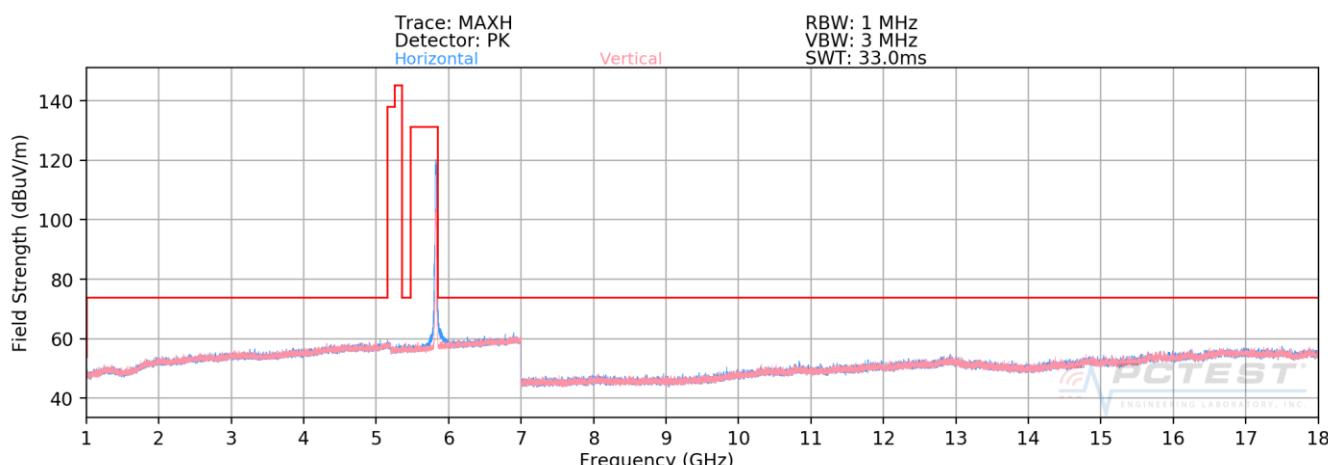
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 150 of 207	



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



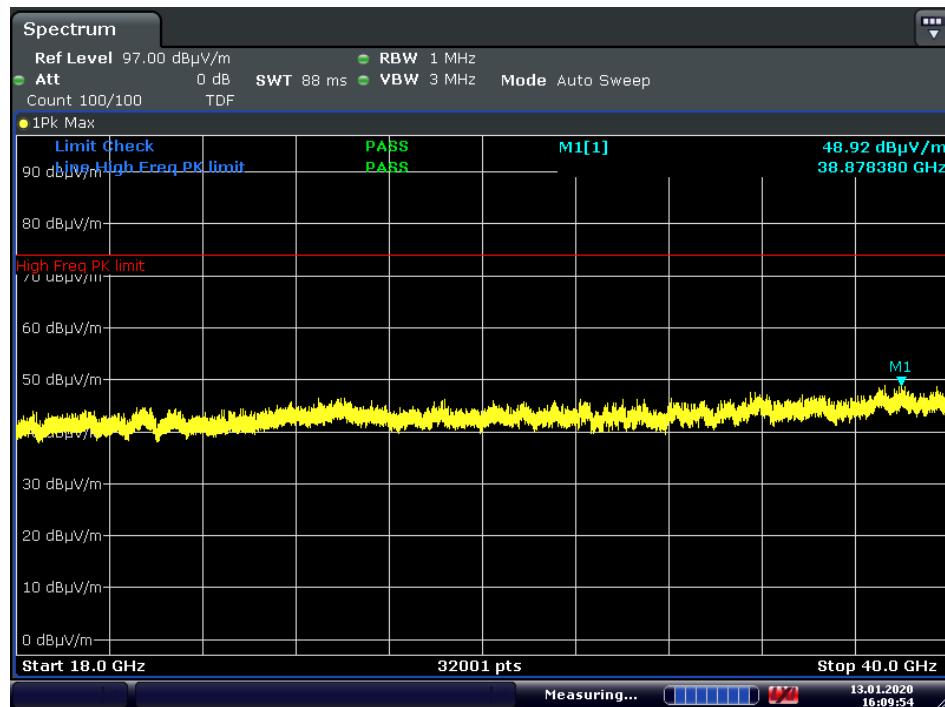
Plot 7-205. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 157)



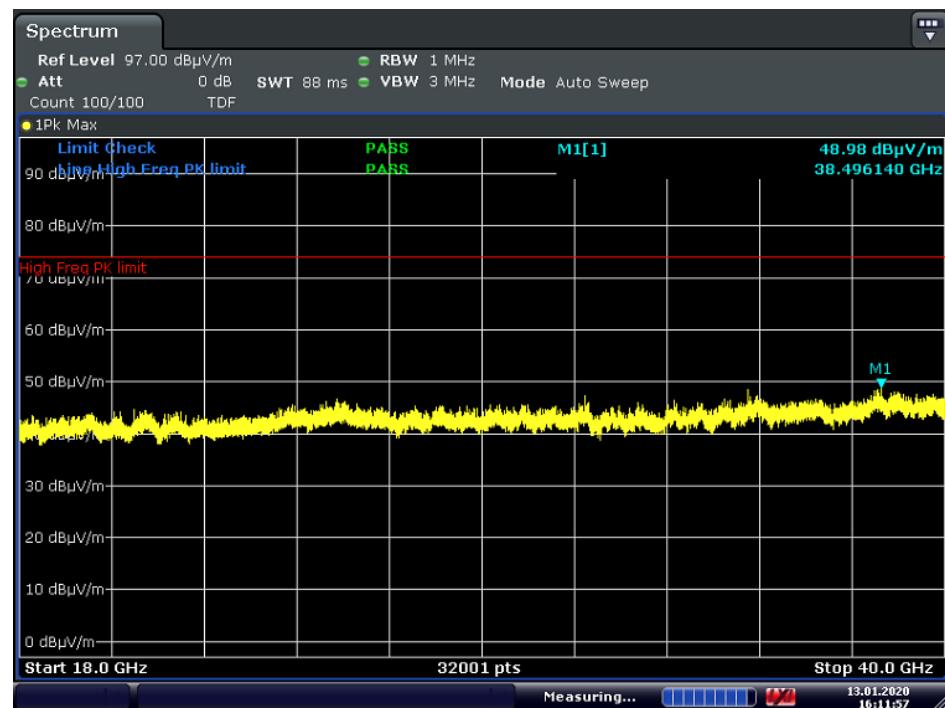
Plot 7-206. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 165)

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 151 of 207	

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



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



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

FCC ID: BCGA2230	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 152 of 207



## CDD Radiated Spurious Emission Measurements

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

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-70.44	14.34	50.90	68.20	-17.30
15540.00	Average	H	-	-	-84.93	20.37	42.44	53.98	-11.54
15540.00	Peak	H	-	-	-73.86	20.37	53.51	73.98	-20.47

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	-	-	-72.33	14.43	49.10	68.20	-19.10
15600.00	Average	H	-	-	-84.61	20.56	42.95	53.98	-11.03
15600.00	Peak	H	-	-	-73.46	20.56	54.10	73.98	-19.88

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2230		MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	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	-	-	-71.66	14.63	49.97	68.20	-18.23
15720.00	Average	H	-	-	-84.98	21.60	43.62	53.98	-10.36
15720.00	Peak	H	-	-	-73.42	21.60	55.18	73.98	-18.80

Table 7-62. Radiated Measurements CDD

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5260MHz  
 Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.01	14.85	50.84	68.20	-17.36
10520.00	Average	H	-	-	-82.47	14.85	39.38	53.98	-14.60
15780.00	Peak	H	-	-	-73.44	21.89	55.45	73.98	-18.53

Table 7-63. Radiated Measurements CDD

FCC ID: BCGA2230	PCTEST <sup>®</sup> MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device			Page 154 of 207

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

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]
10600.00	Peak	H	-	-	-71.16	14.37	50.21	68.20	-17.99
10560.00	Average	H	-	-	-85.10	21.77	43.67	53.98	-10.31
15900.00	Peak	H	-	-	-73.76	21.77	55.01	73.98	-18.97

Table 7-64. Radiated Measurements CDD

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
10640.00	Average	H	-	-	-82.57	14.85	39.28	53.98	-14.70
10640.00	Peak	H	-	-	-71.60	14.85	50.25	73.98	-23.73
15960.00	Average	H	-	-	-84.44	21.74	44.30	53.98	-9.68
15960.00	Peak	H	-	-	-73.26	21.74	55.48	73.98	-18.50

Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2230	PCTEST <sup>®</sup> MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device			Page 155 of 207

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	-	-	-83.14	15.88	39.74	53.98	-14.24
11000.00	Peak	H	-	-	-71.27	15.88	51.61	73.98	-22.37
16500.00	Peak	H	-	-	-71.97	21.60	56.63	68.20	-11.57

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

Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5580MHz  
 Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11160.00	Average	H	-	-	-83.75	15.76	39.01	53.98	-14.97
11160.00	Peak	H	-	-	-72.23	15.76	50.53	73.98	-23.45
16740.00	Peak	H	-	-	-72.25	22.79	57.54	68.20	-10.66

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

FCC ID: BCGA2230	PCTEST <sup>®</sup> MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device			Page 156 of 207

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	-	-	-83.23	16.74	40.51	53.98	-13.47
11440.00	Peak	H	-	-	-71.66	16.74	52.08	73.98	-21.90
17100.00	Peak	H	-	-	-72.53	22.07	56.54	68.20	-11.66

Table 7-68. Radiated Measurements CDD

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
11490.00	Average	H	-	-	-83.40	16.37	39.97	53.98	-14.01
11490.00	Peak	H	-	-	-72.08	16.37	51.29	73.98	-22.69
17235.00	Peak	H	-	-	-72.23	22.25	57.02	68.20	-11.18

Table 7-69. Radiated Measurements CDD

FCC ID: BCGA2230	PCTEST <sup>®</sup> MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device			Page 157 of 207

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	-	-	-83.65	17.01	40.36	53.98	-13.62
11570.00	Peak	H	-	-	-72.53	17.01	51.48	73.98	-22.50
17355.00	Peak	H	-	-	-73.51	22.61	56.10	68.20	-12.10

**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	-	-	-84.07	16.45	39.38	53.98	-14.60
11650.00	Peak	H	-	-	-72.42	16.45	51.03	73.98	-22.95
17475.00	Peak	H	-	-	-73.18	21.94	55.76	68.20	-12.44

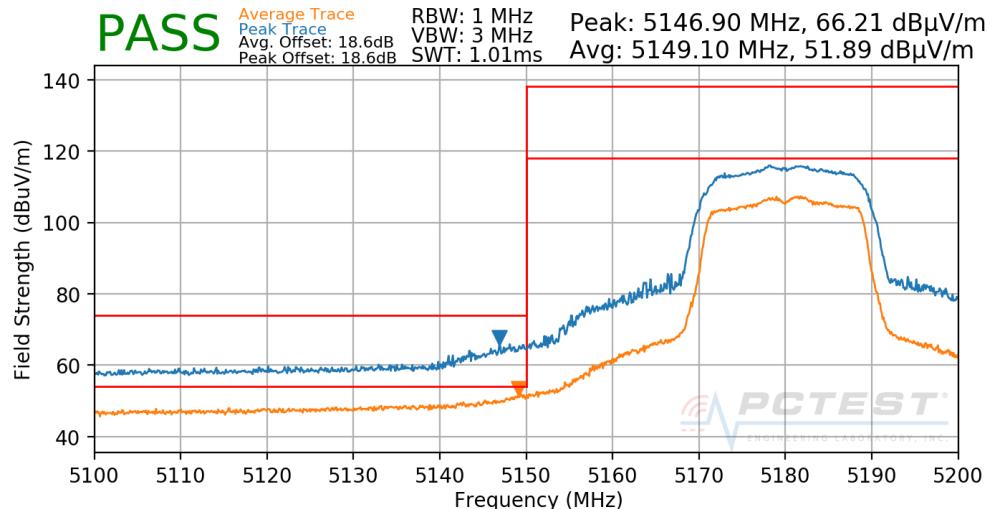
**Table 7-71. Radiated Measurements CDD**

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>				Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device			Page 158 of 207

### 7.6.4 SISO Core-0 Radiated Band Edge Measurements (20MHz BW)

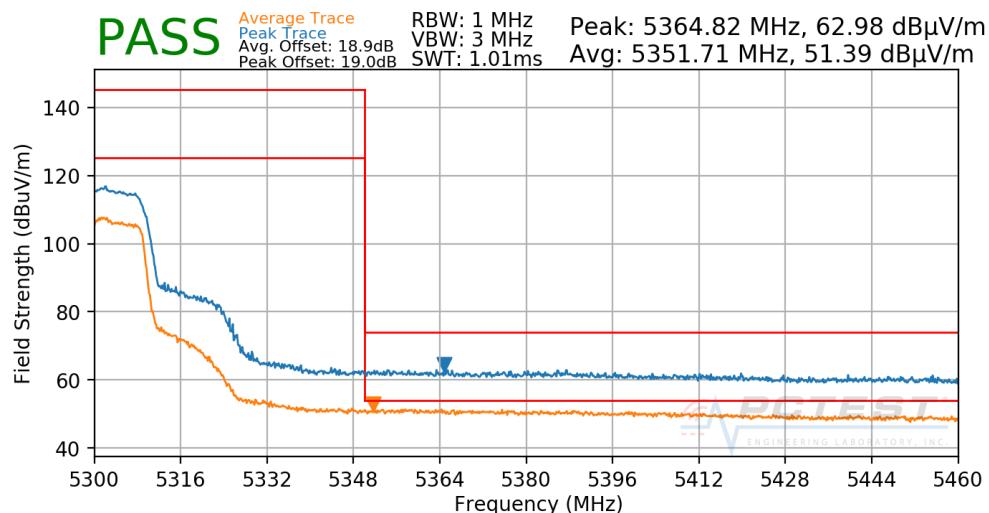
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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



**Plot 7-209. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)**

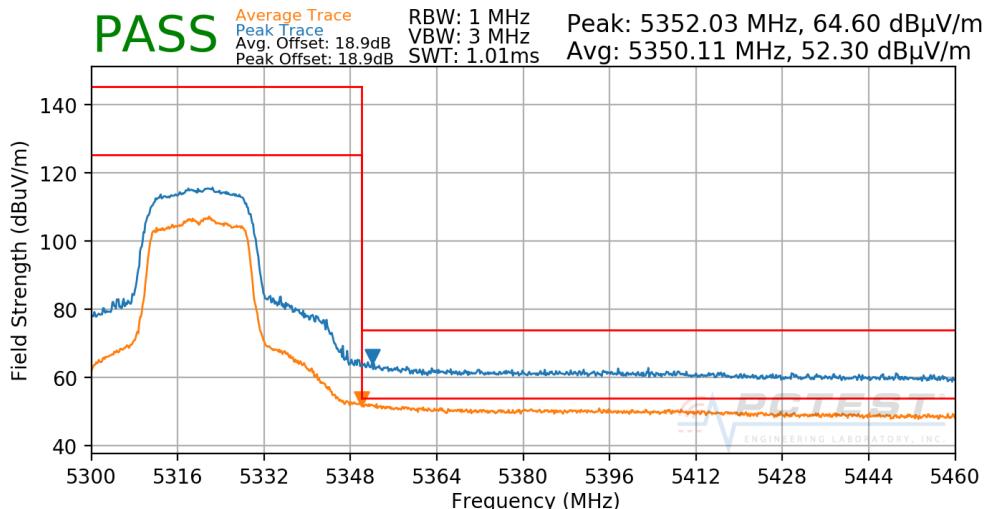
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5300MHz  
 Channel: 60



**Plot 7-210. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)**

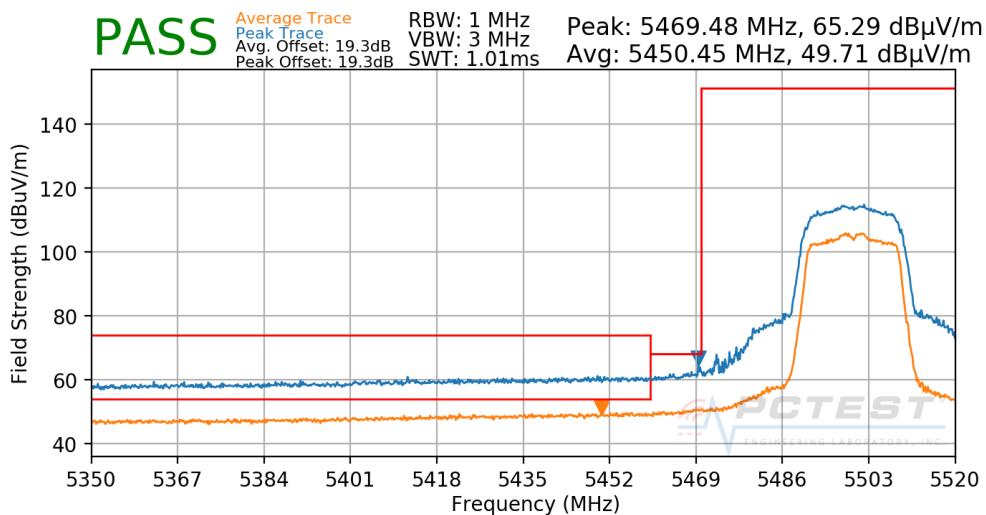
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 159 of 207

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



**Plot 7-211. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)**

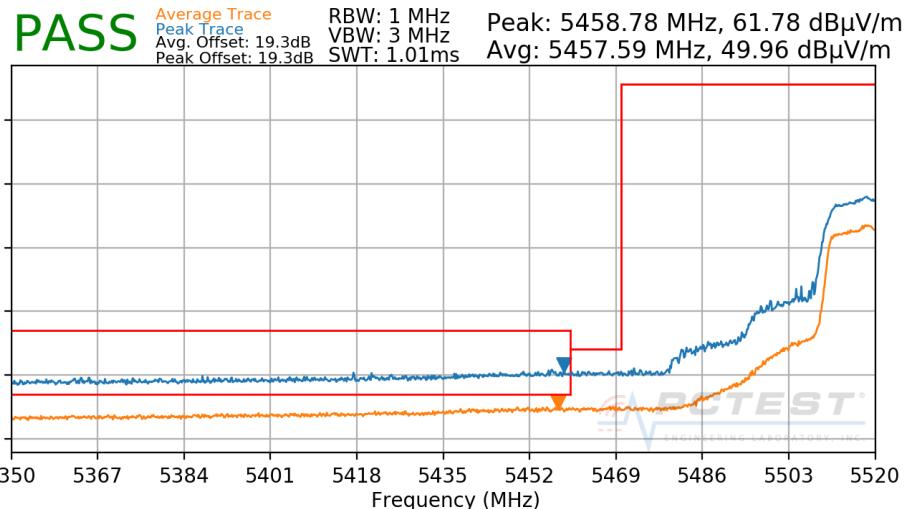
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5500MHz  
 Channel: 100



**Plot 7-212. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 2C)**

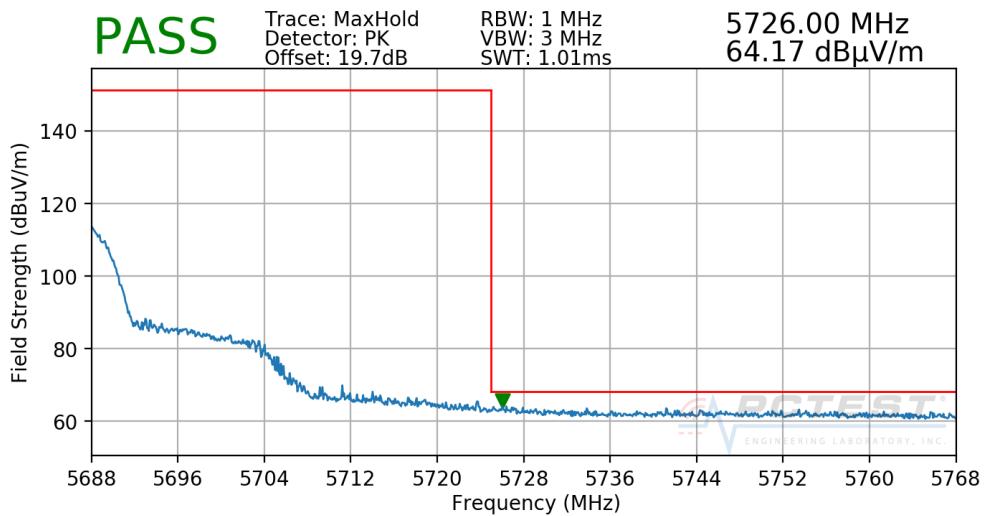
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 160 of 207	

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



**Plot 7-213. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 2C)**

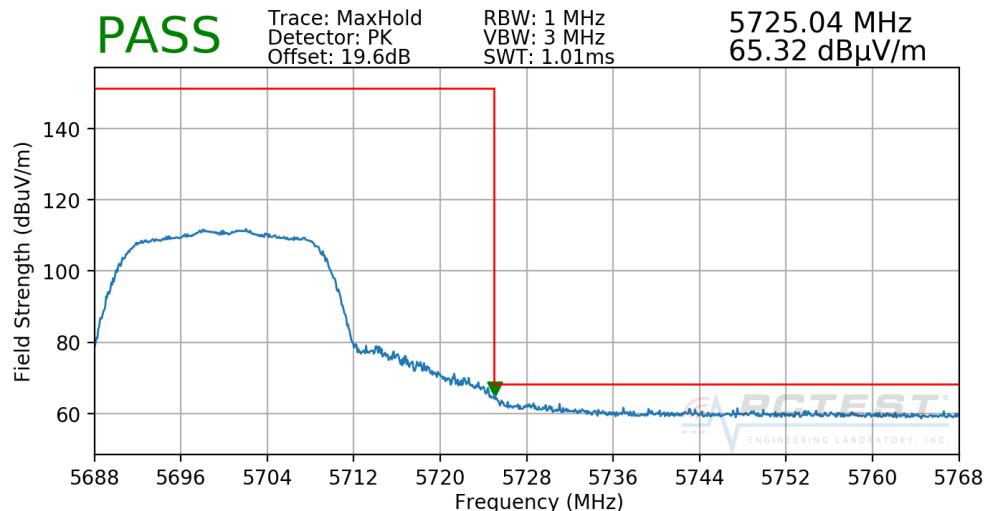
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5680MHz  
 Channel: 136



**Plot 7-214. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 2C)**

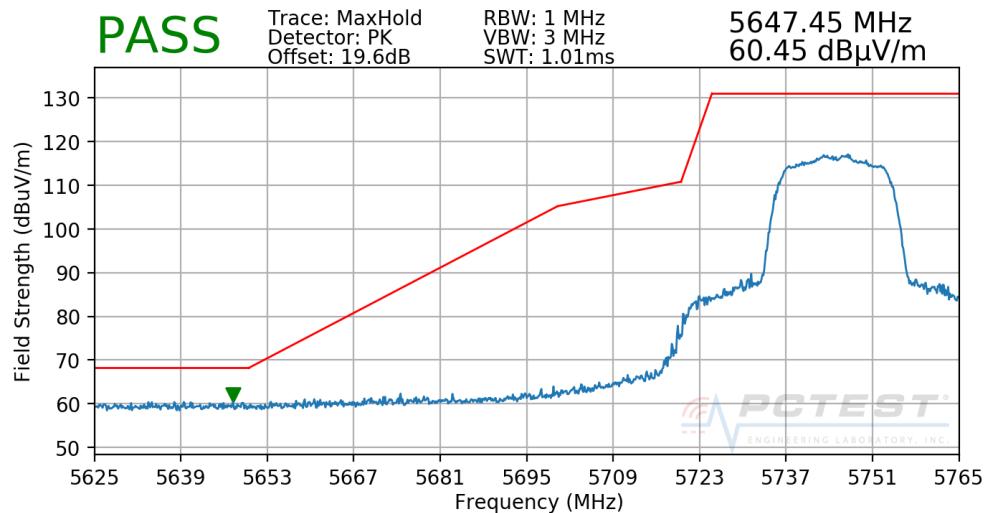
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 161 of 207	

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



**Plot 7-215. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 2C)**

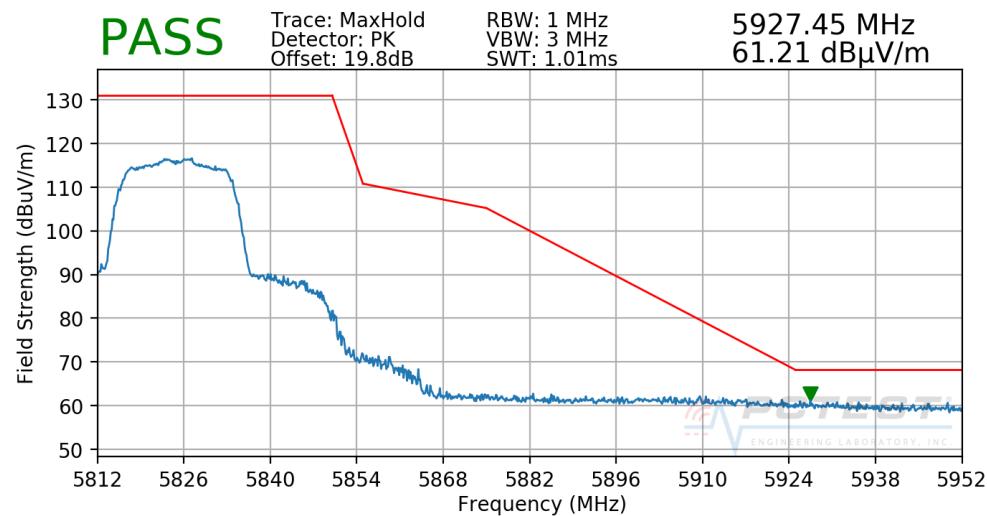
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5745MHz  
 Channel: 149



**Plot 7-216. Radiated Lower Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 162 of 207	

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



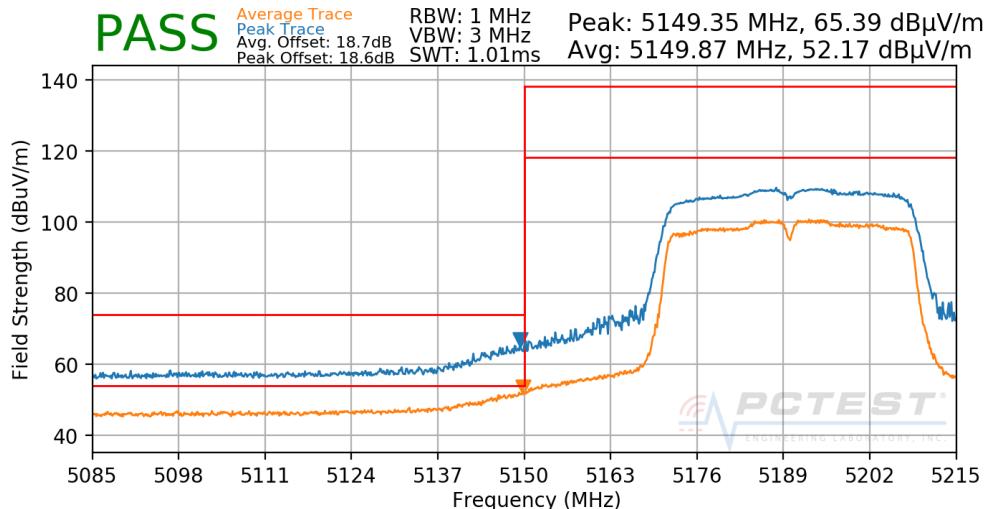
Plot 7-217. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)

FCC ID: BCGA2230	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 163 of 207	
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### 7.6.5 SISO Core-0 Radiated Band Edge Measurements (40MHz BW)

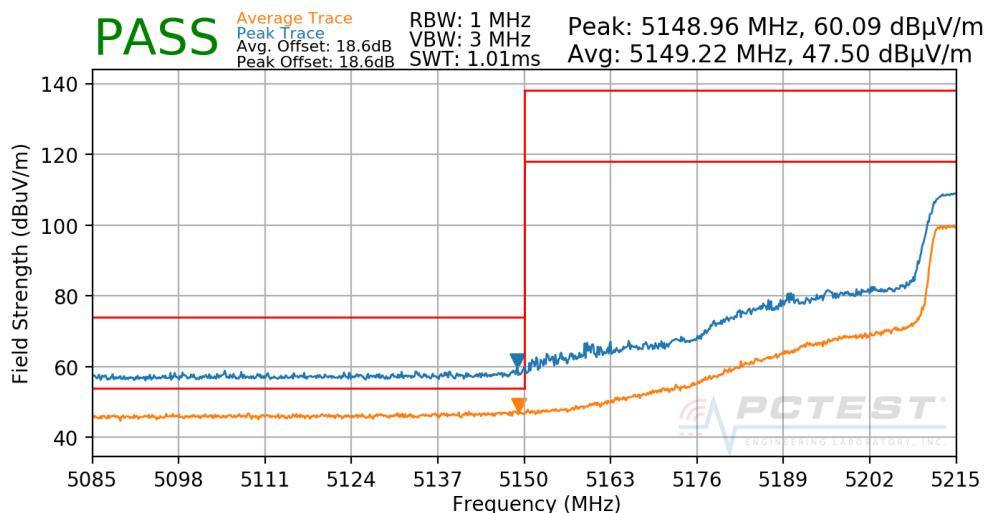
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



**Plot 7-218. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)**

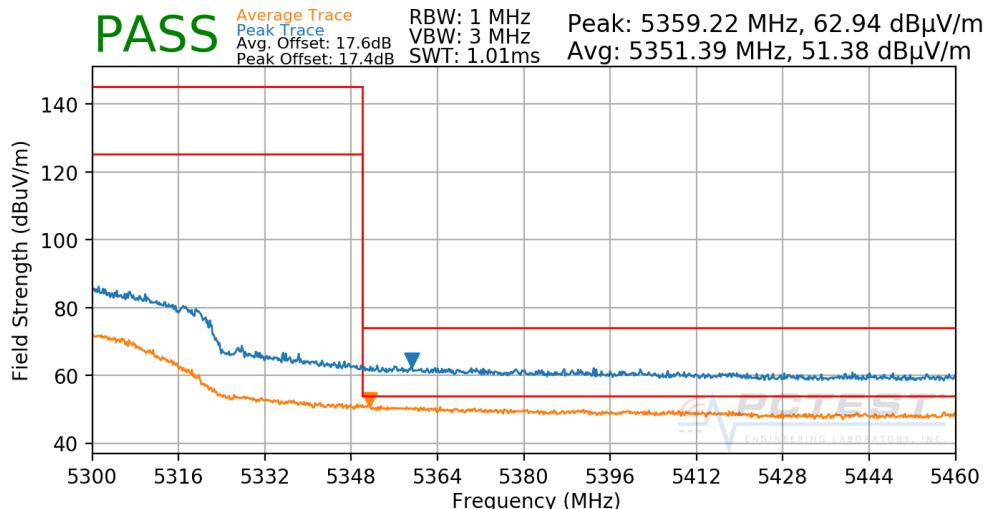
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5230MHz  
 Channel: 46



**Plot 7-219. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)**

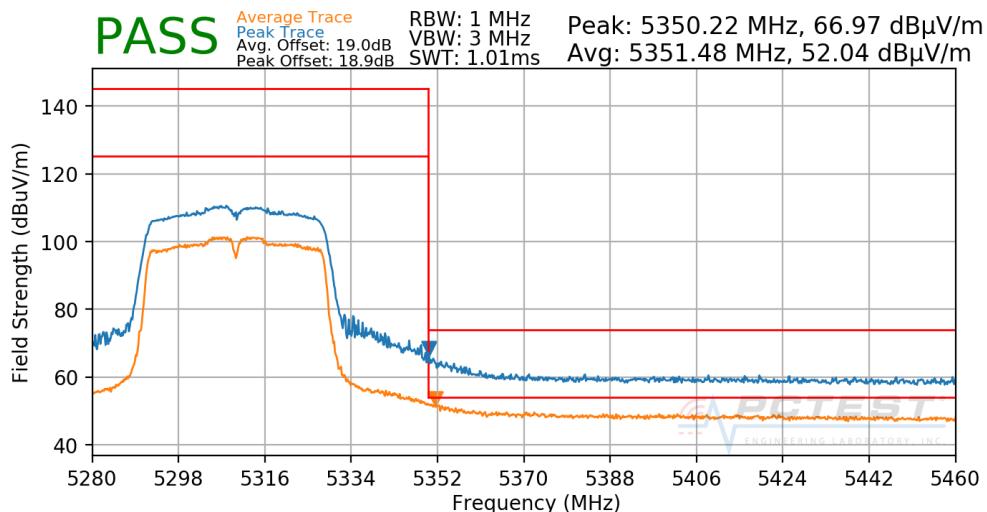
FCC ID: BCGA2230	 <b>PCTEST</b> <sup>®</sup> <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 164 of 207

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



**Plot 7-220. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)**

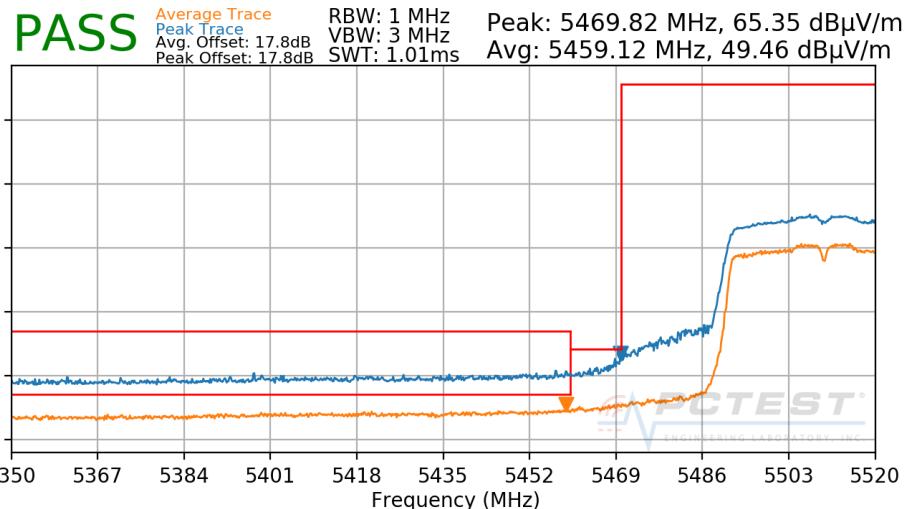
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5310MHz  
 Channel: 62



**Plot 7-221. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)**

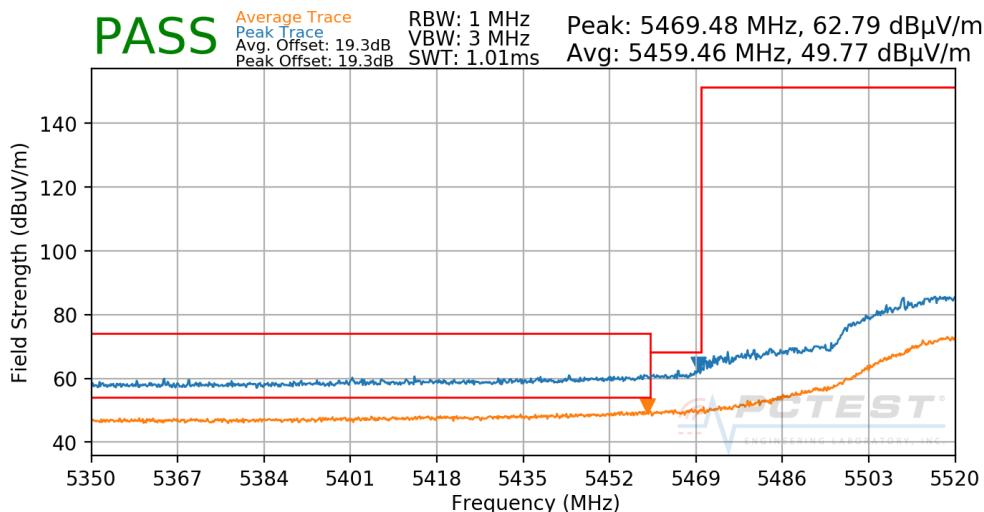
FCC ID: BCGA2230	PCTEST® MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 165 of 207	

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



Plot 7-222. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 2C)

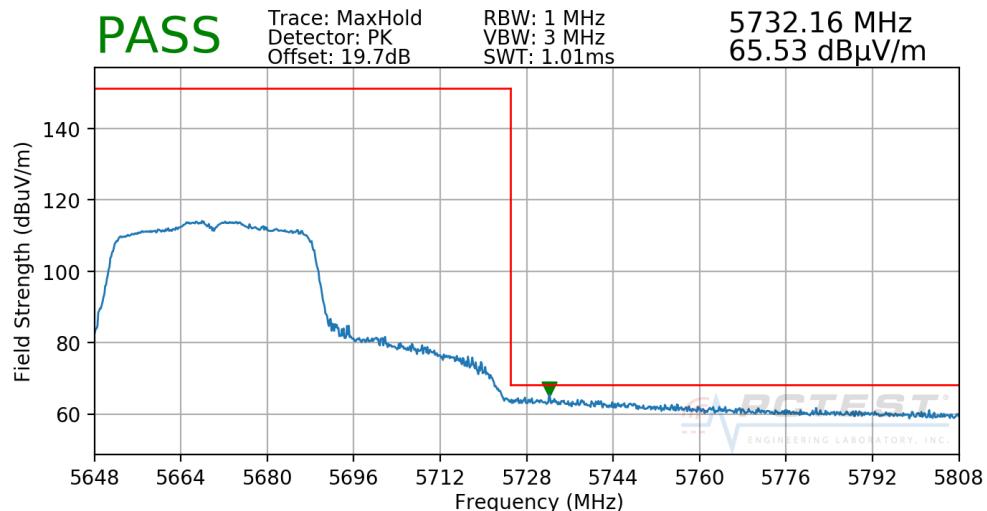
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5550MHz  
 Channel: 110



Plot 7-223. Radiated Upper Band Edge Plot SISO CORE0 (Peak - UNII Band 2C)

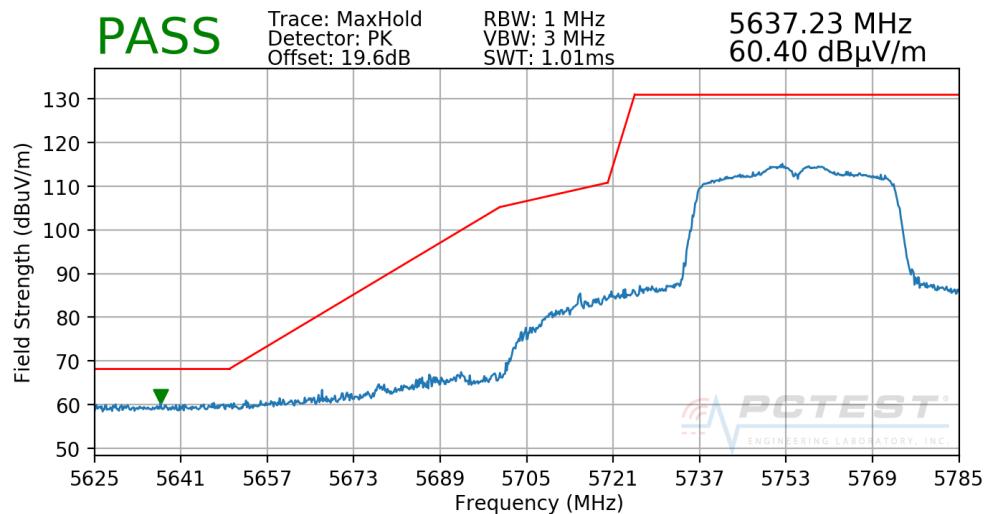
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 166 of 207	

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



**Plot 7-224. Radiated Upper Band Edge Plot SISO CORE0 (Peak - UNII Band 2C)**

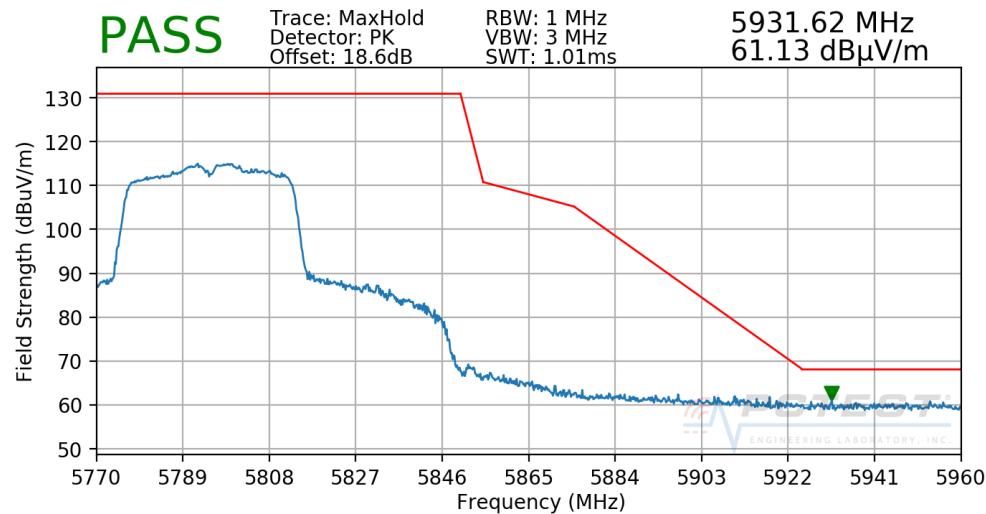
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5755MHz  
 Channel: 151



**Plot 7-225. Radiated Lower Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 167 of 207	

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



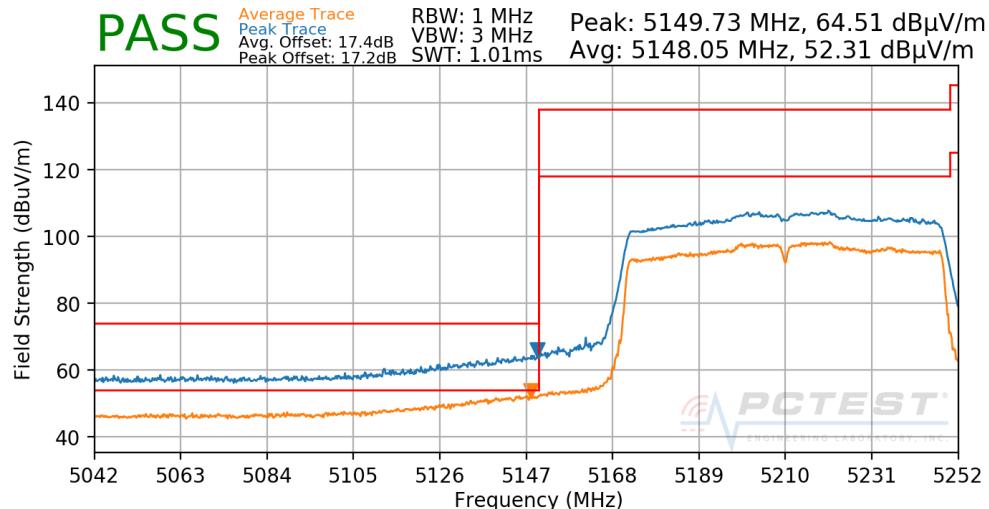
**Plot 7-226. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

FCC ID: BCGA2230	<b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 168 of 207	

### 7.6.6 SISO Core-0 Radiated Band Edge Measurements (80MHz BW)

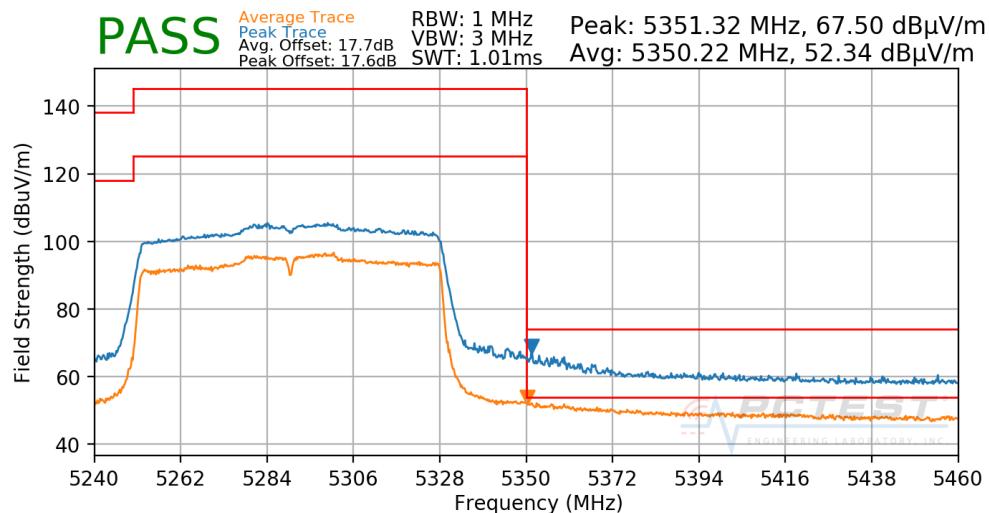
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



**Plot 7-227. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)**

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

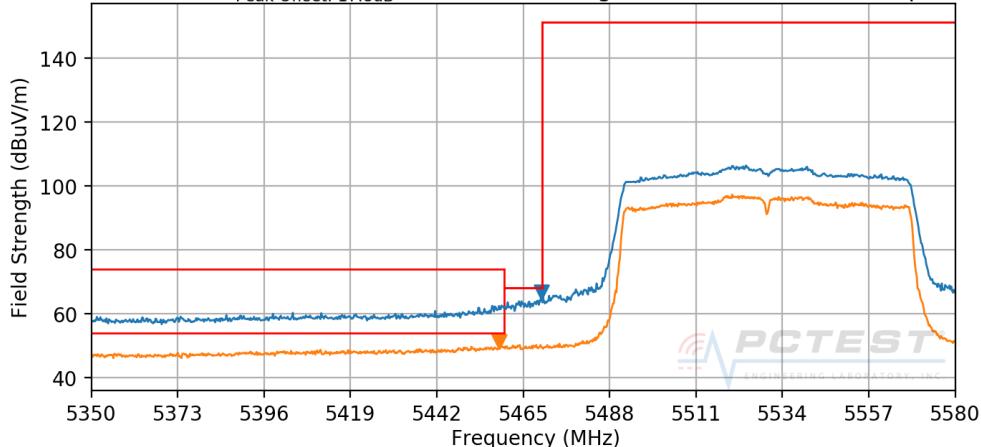


**Plot 7-228. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)**

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 169 of 207	

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

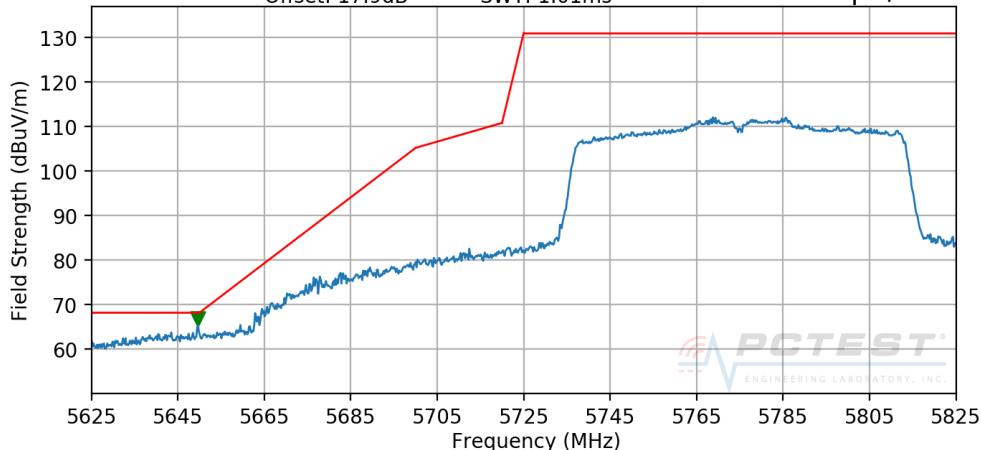
**PASS** Average Trace  
Peak Trace  
Avg. Offset: 18.0dB  
Peak Offset: 17.8dB  
RBW: 1 MHz  
VBW: 3 MHz  
SWT: 1.01ms



**Plot 7-229. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 2C)**

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

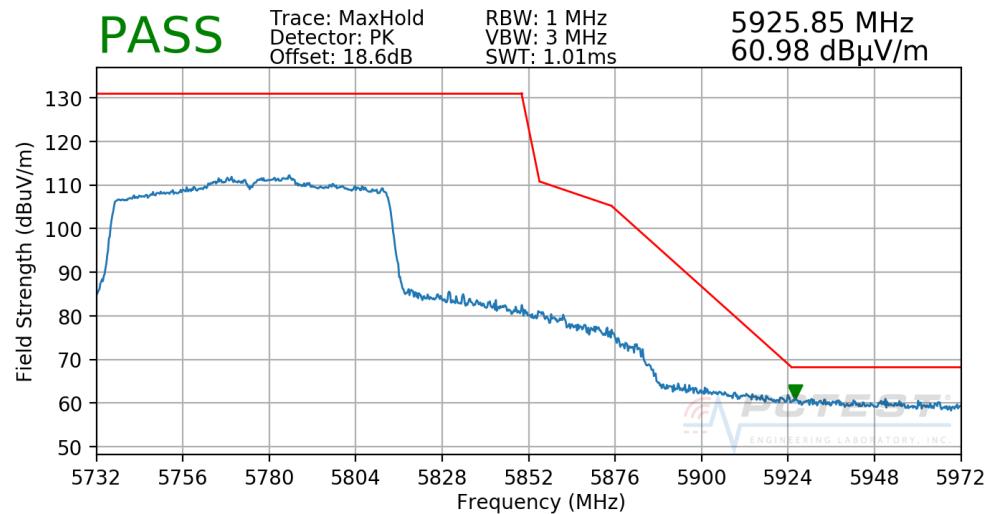
**PASS** Trace: MaxHold  
Detector: PK  
Offset: 17.9dB  
RBW: 1 MHz  
VBW: 3 MHz  
SWT: 1.01ms



**Plot 7-230. Radiated Lower Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 170 of 207	

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



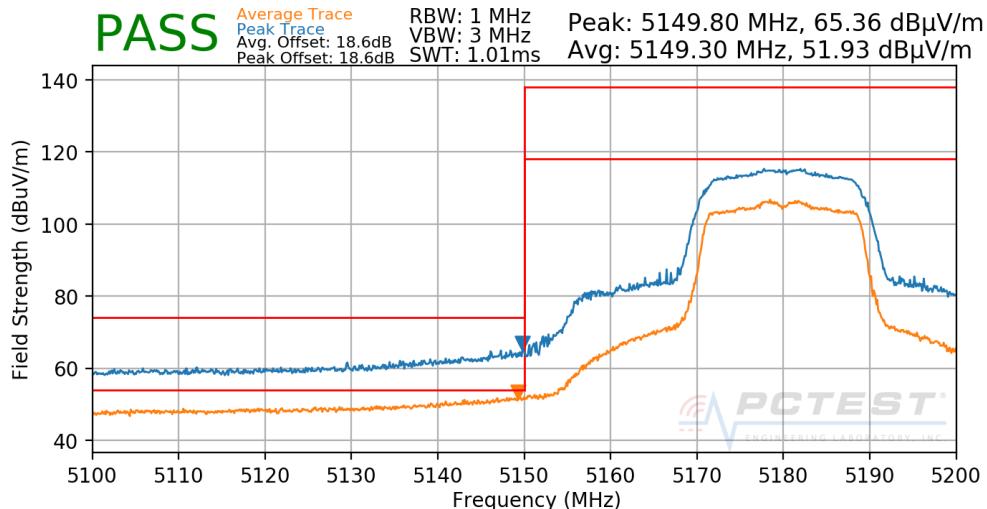
**Plot 7-231. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)**

FCC ID: BCGA2230	<b>PCTEST</b> MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 171 of 207	

### 7.6.7 SISO Core-1 Radiated Band Edge Measurements (20MHz BW)

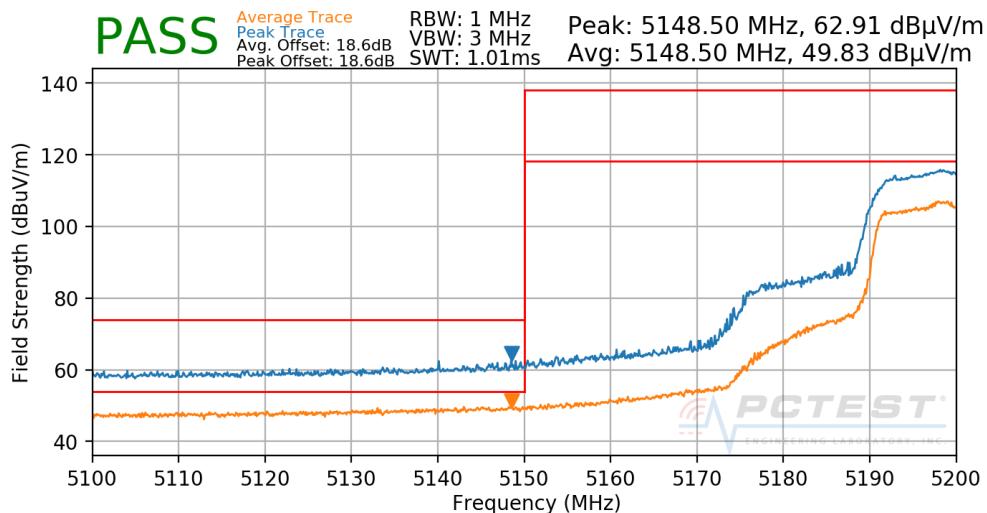
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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



**Plot 7-232. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 1)**

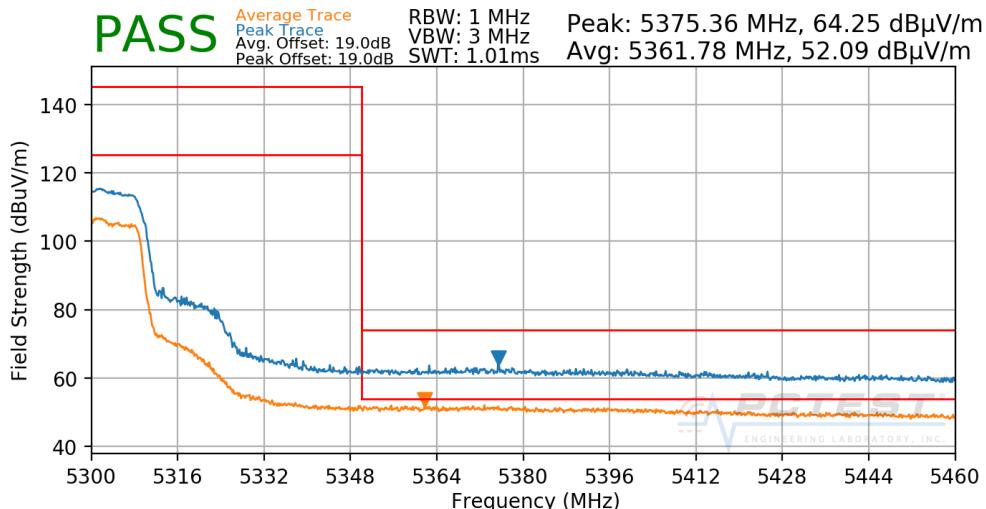
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5200MHz  
 Channel: 40



**Plot 7-233. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 1)**

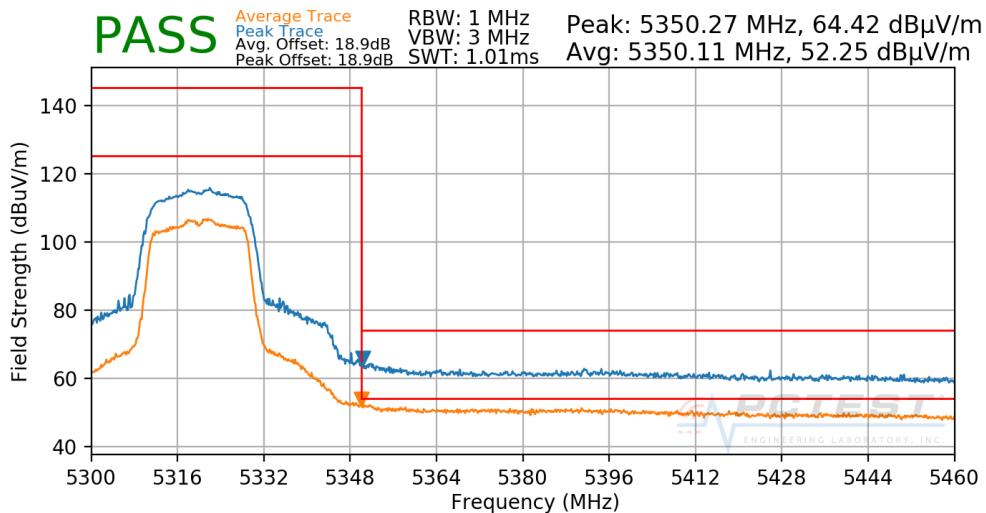
FCC ID: BCGA2230	 <b>PCTEST</b> <sup>®</sup>		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 172 of 207	

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



**Plot 7-234. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)**

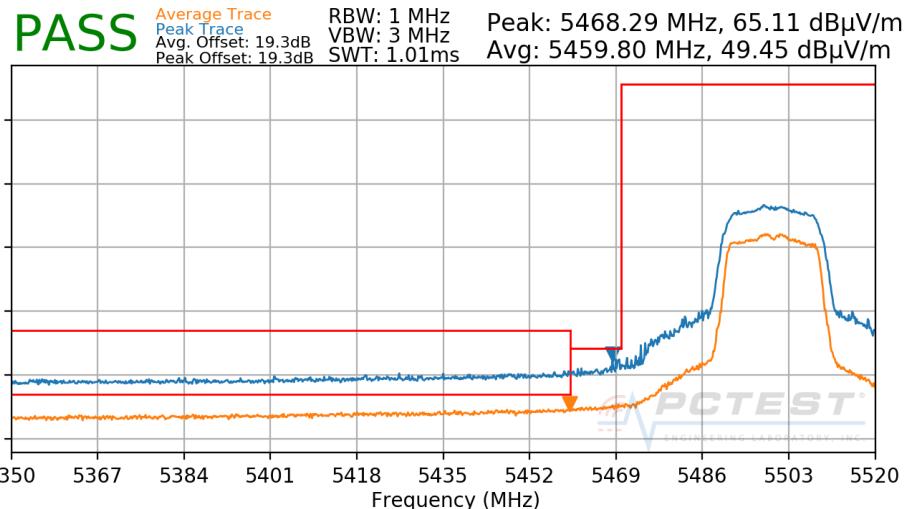
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5320MHz  
 Channel: 64



**Plot 7-235. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)**

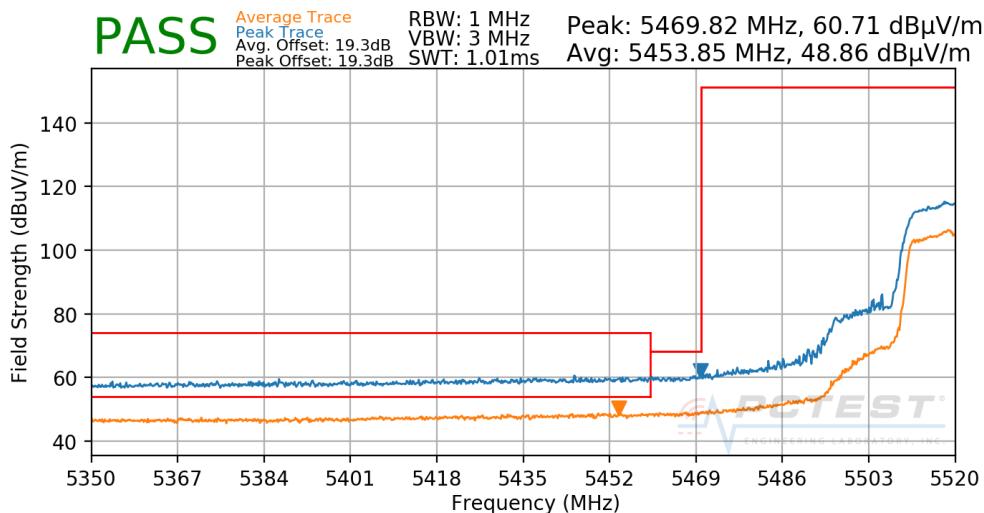
FCC ID: BCGA2230	 <b>PCTEST</b>		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 173 of 207	

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



Plot 7-236. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 2C)

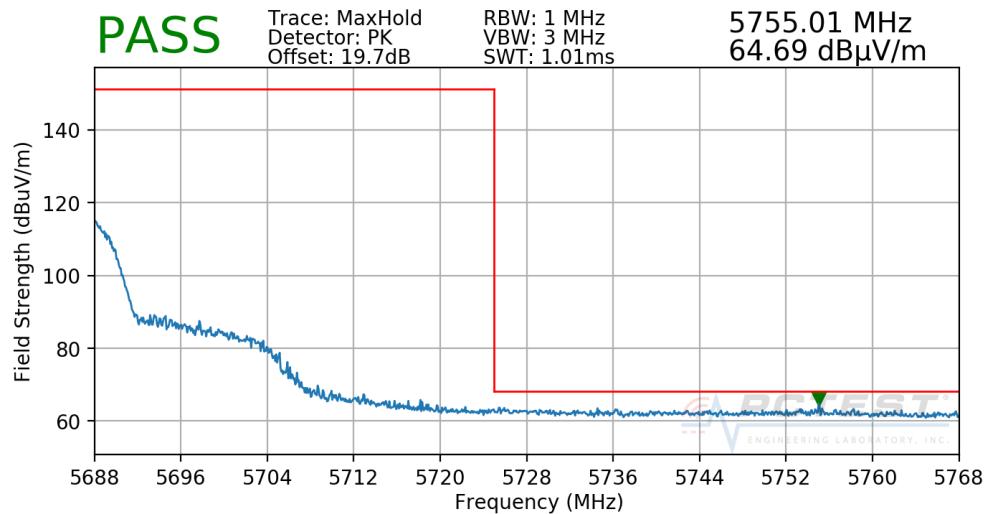
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5520MHz  
 Channel: 104



Plot 7-237. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 2C)

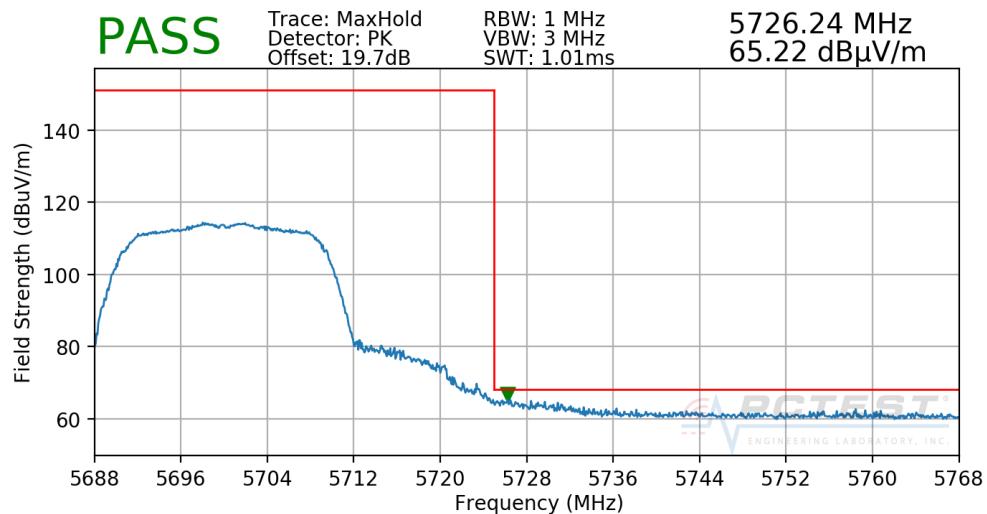
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 174 of 207	

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



**Plot 7-238. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 2C)**

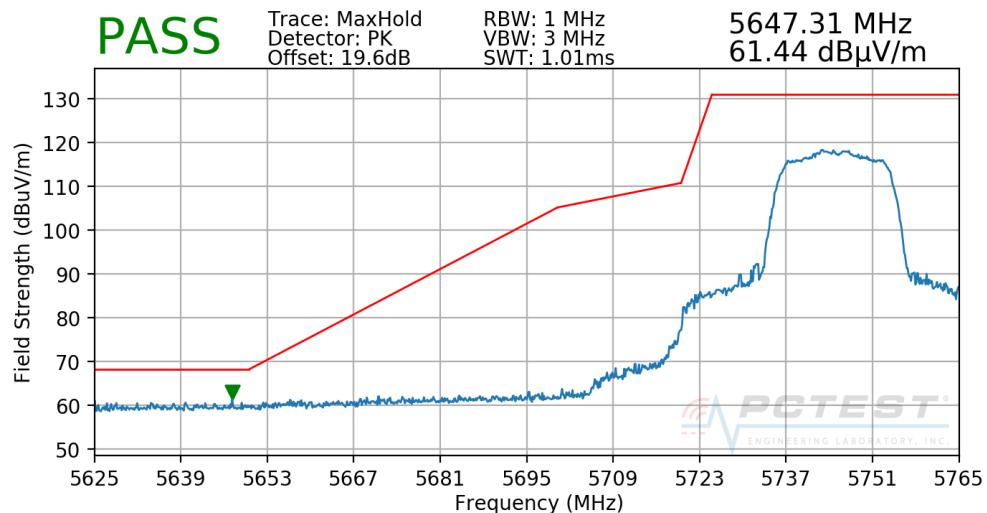
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5700MHz  
 Channel: 140



**Plot 7-239. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 2C)**

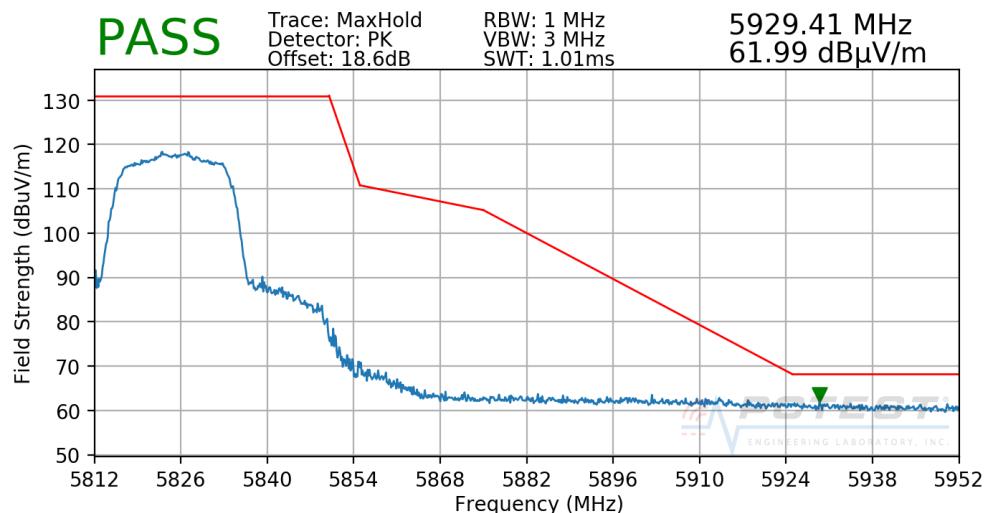
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 175 of 207	

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



**Plot 7-240. Radiated Lower Band Edge Plot SISO CORE1 (Peak – UNII Band 3)**

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



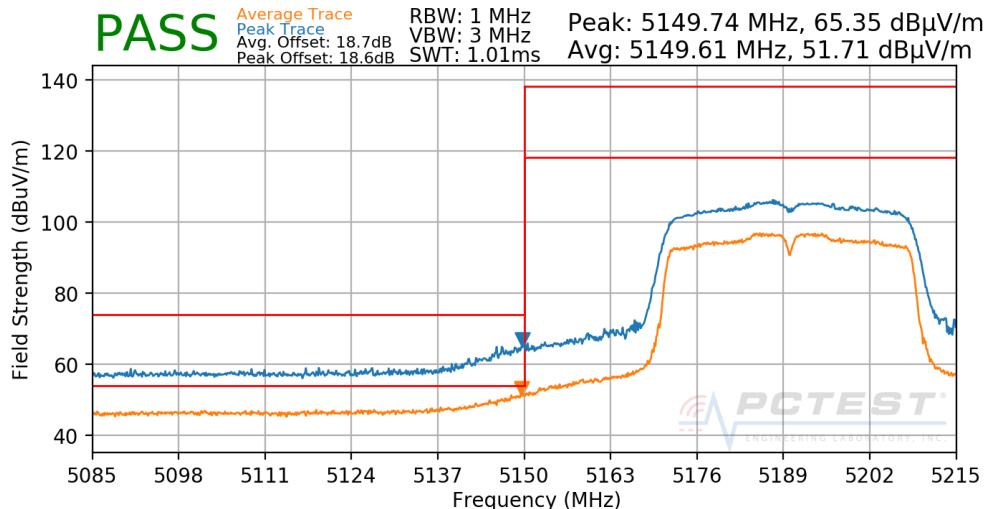
**Plot 7-241. Radiated Upper Band Edge Plot SISO CORE1 (Peak – UNII Band 3)**

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 176 of 207	

### 7.6.8 SISO Core-1 Radiated Band Edge Measurements (40MHz BW)

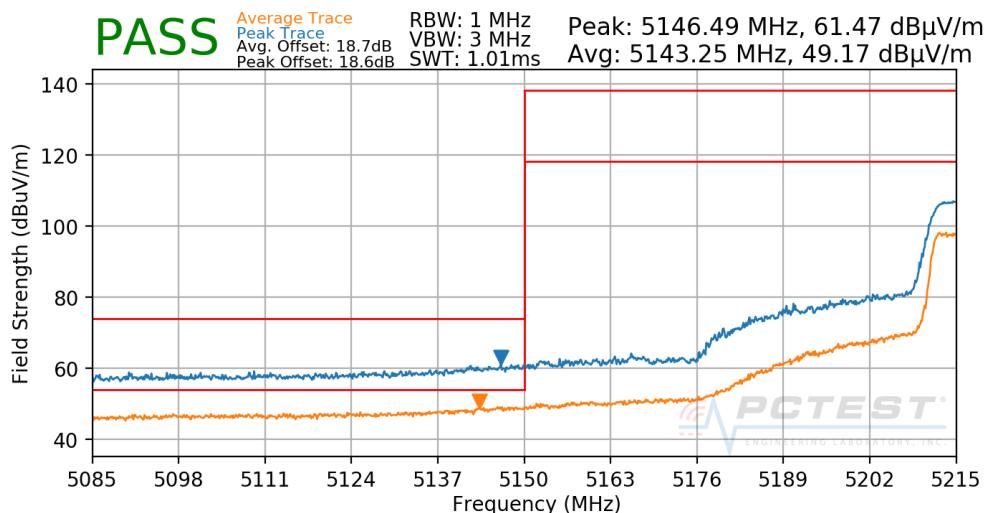
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



**Plot 7-242. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 1)**

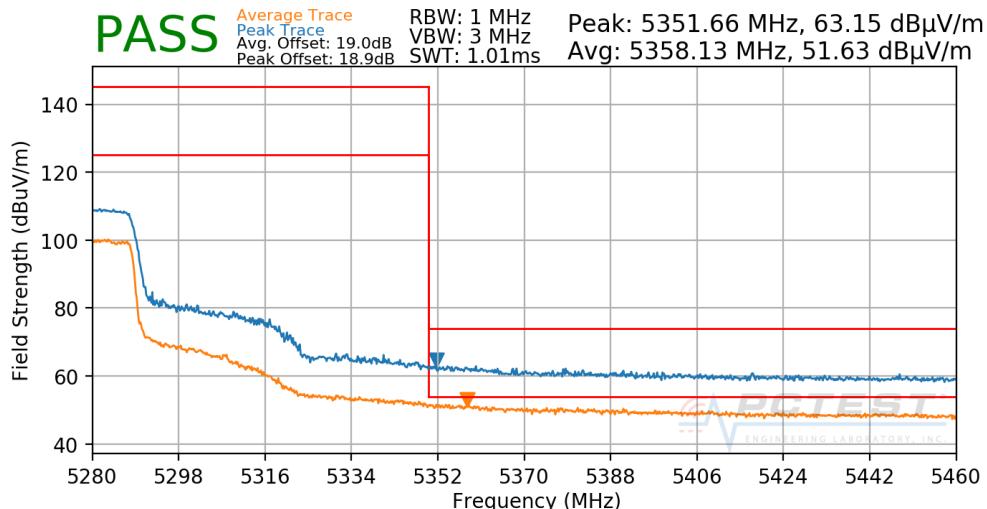
Worst Case Mode: 802.11n  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5230MHz  
 Channel: 46



**Plot 7-243. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 1)**

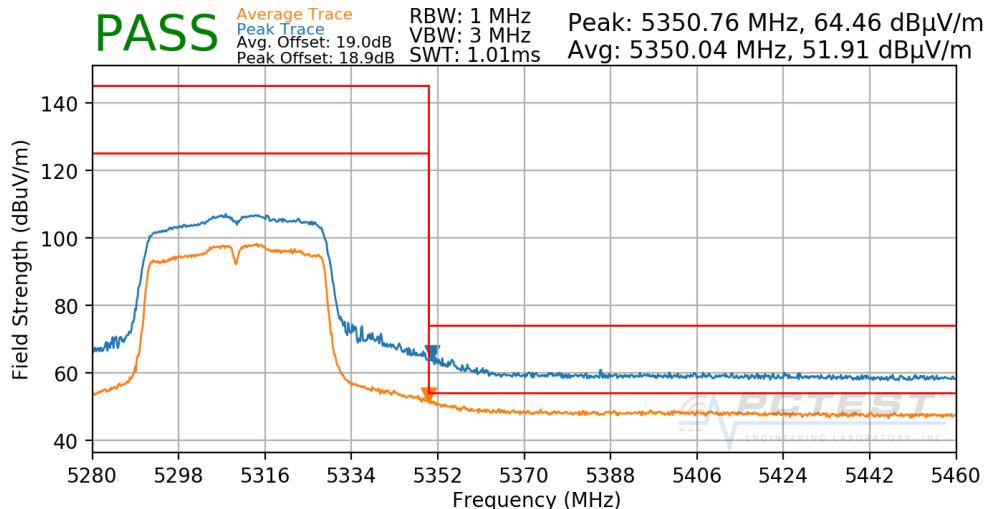
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 177 of 207

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



Plot 7-244. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)

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

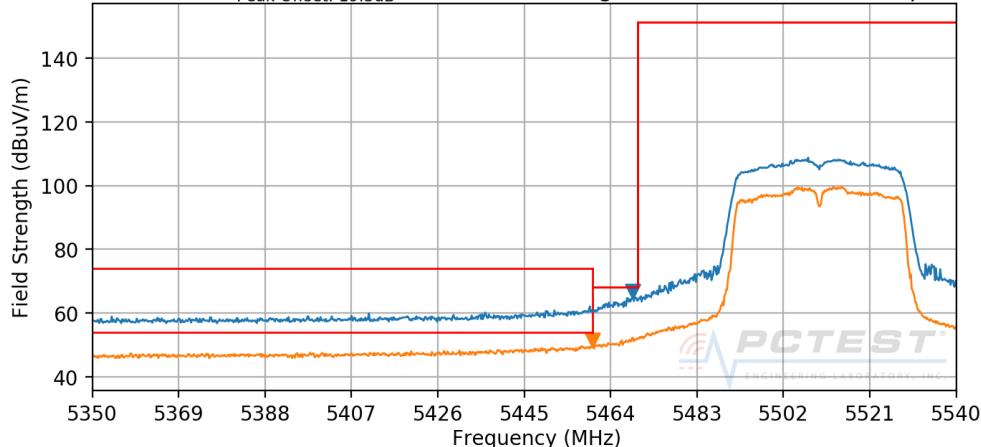


Plot 7-245. Radiated Upper Band Edge Plot SISO CORE1 (UNII Band 2A)

FCC ID: BCGA2230	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 178 of 207	

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

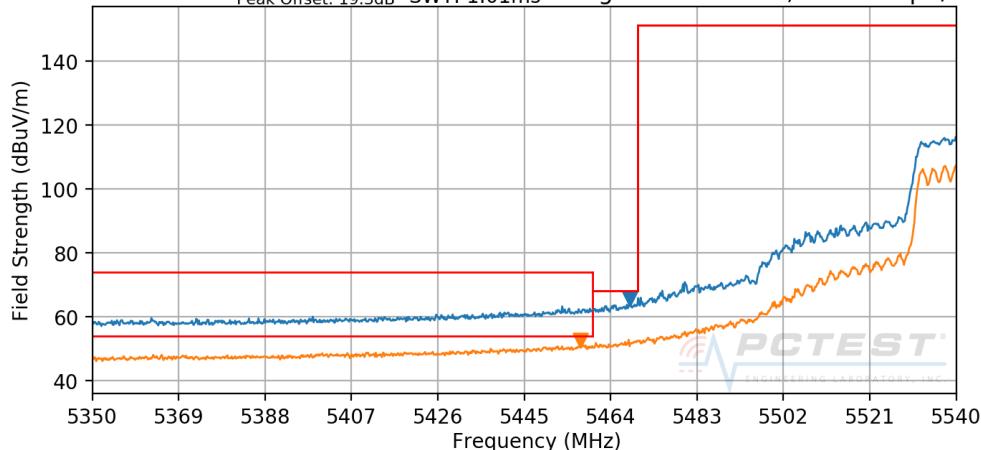
**PASS** Average Trace  
Peak Trace  
Avg. Offset: 19.4dB  
Peak Offset: 19.3dB RBW: 1 MHz  
VBW: 3 MHz  
SWT: 1.01ms Peak: 5468.92 MHz, 65.30 dB $\mu$ V/m  
Avg: 5460.00 MHz, 49.94 dB $\mu$ V/m



**Plot 7-246. Radiated Lower Band Edge Plot SISO CORE1 (UNII Band 2C)**

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

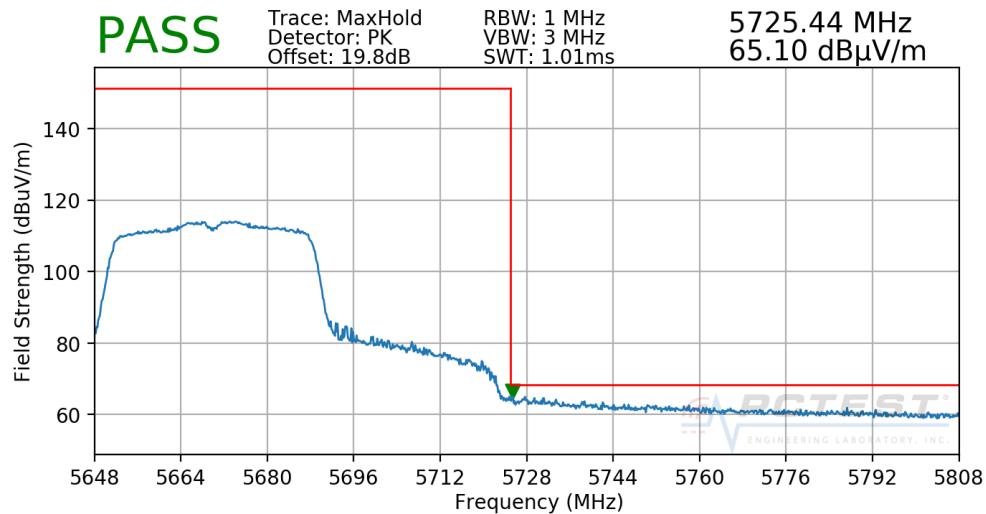
**PASS** Average Trace  
Peak Trace  
Avg. Offset: 19.4dB  
Peak Offset: 19.3dB RBW: 1 MHz  
VBW: 3 MHz  
SWT: 1.01ms Peak: 5468.16 MHz, 64.09 dB $\mu$ V/m  
Avg: 5457.34 MHz, 51.15 dB $\mu$ V/m



**Plot 7-247. Radiated Upper Band Edge Plot SISO CORE1 (Peak - UNII Band 2C)**

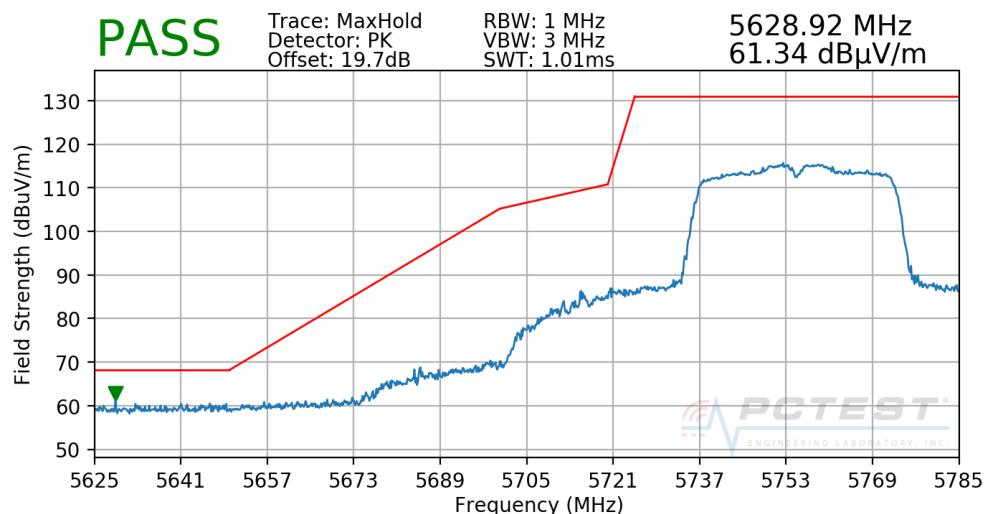
FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 179 of 207	

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



**Plot 7-248. Radiated Upper Band Edge Plot SISO CORE1 (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 7-249. Radiated Lower Band Edge Plot SISO CORE1 (Peak – UNII Band 3)**

FCC ID: BCGA2230	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1912170052-12.BCG	Test Dates: 12/10/2019 - 02/26/2020	EUT Type: Tablet Device	Page 180 of 207