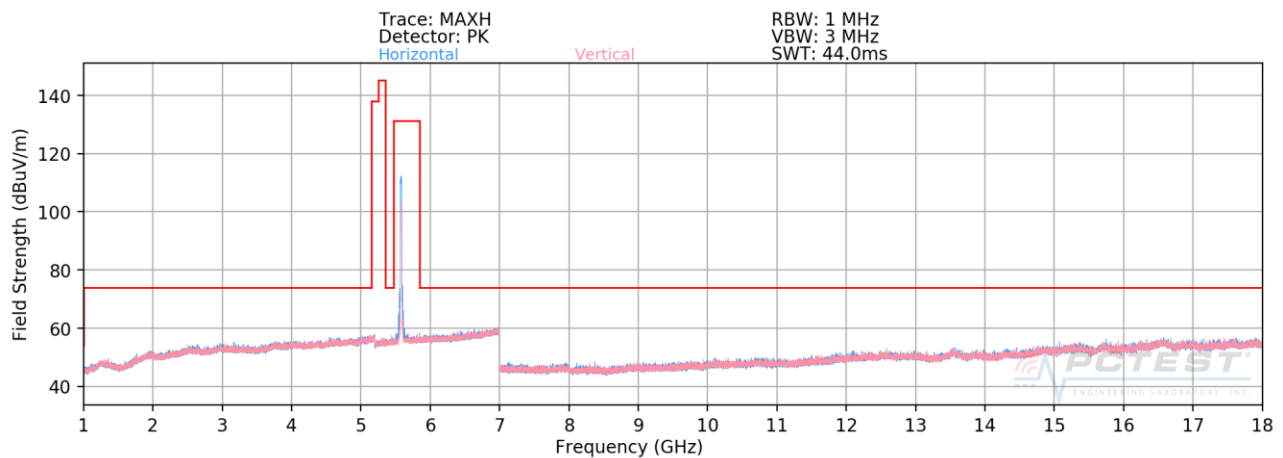
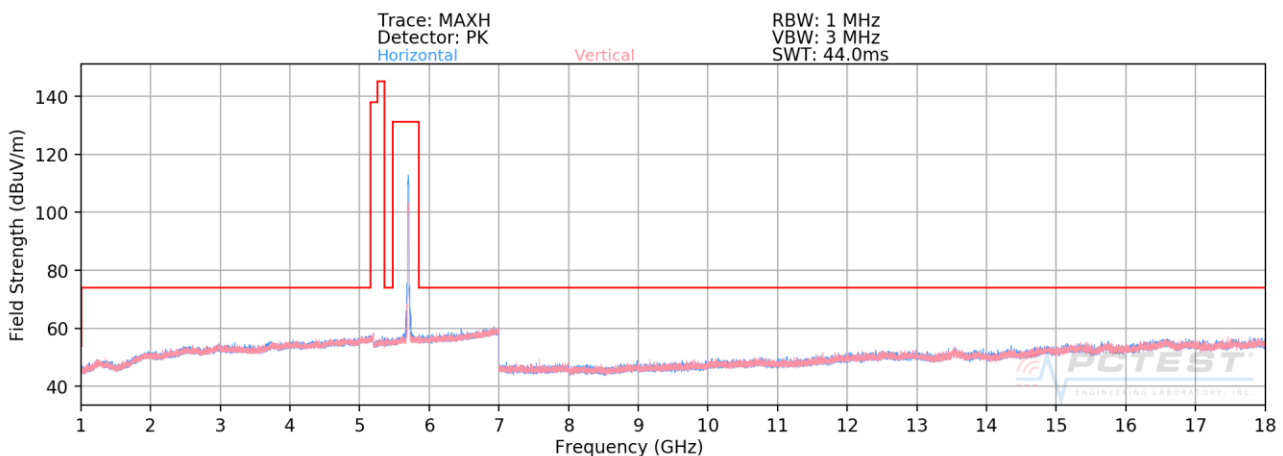


**Plot 7-189. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U2C Ch. 100)**

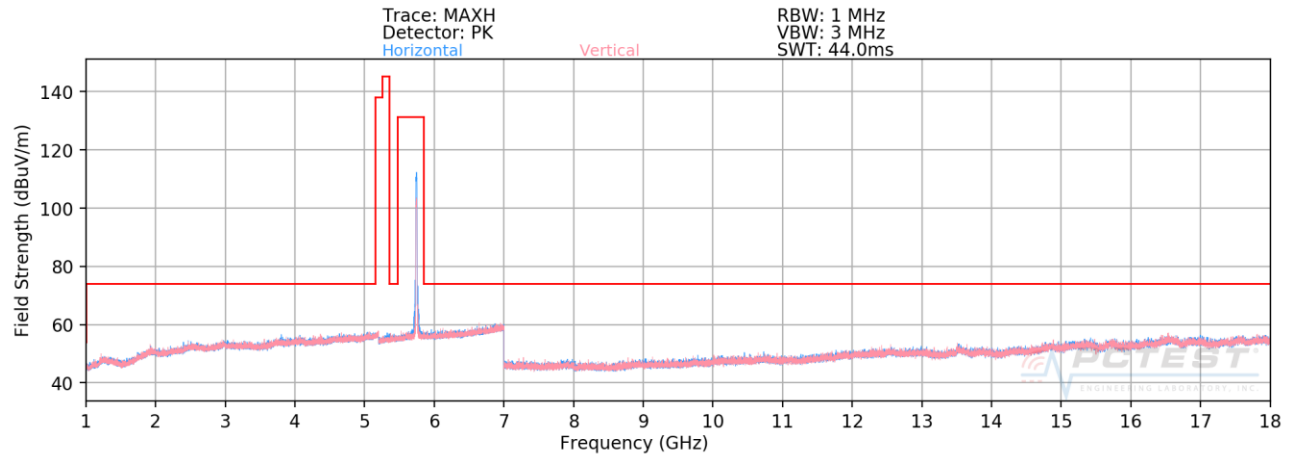


**Plot 7-190. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U2C Ch. 116)**

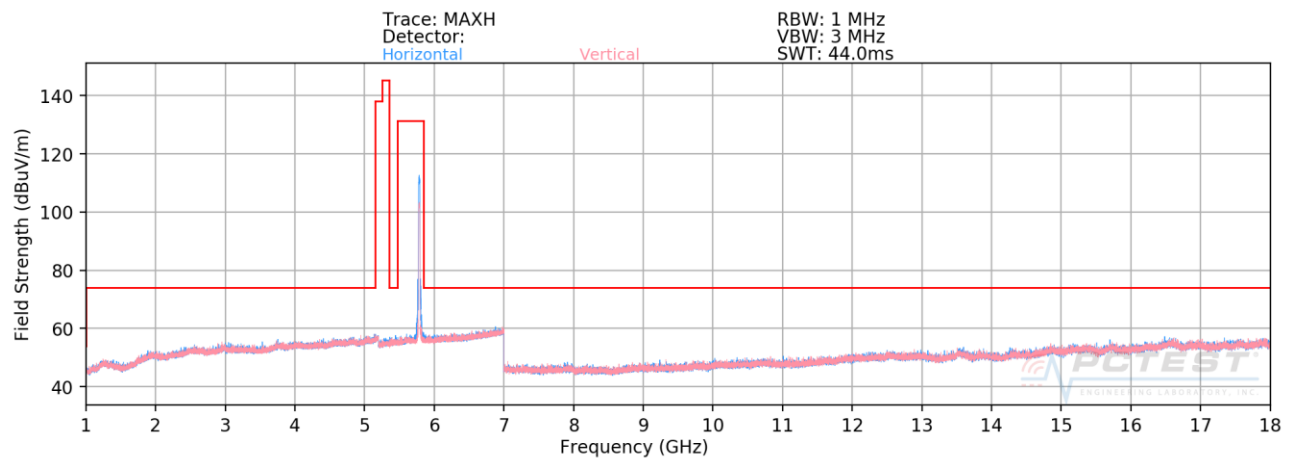


**Plot 7-191. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11n – U2C Ch. 144)**

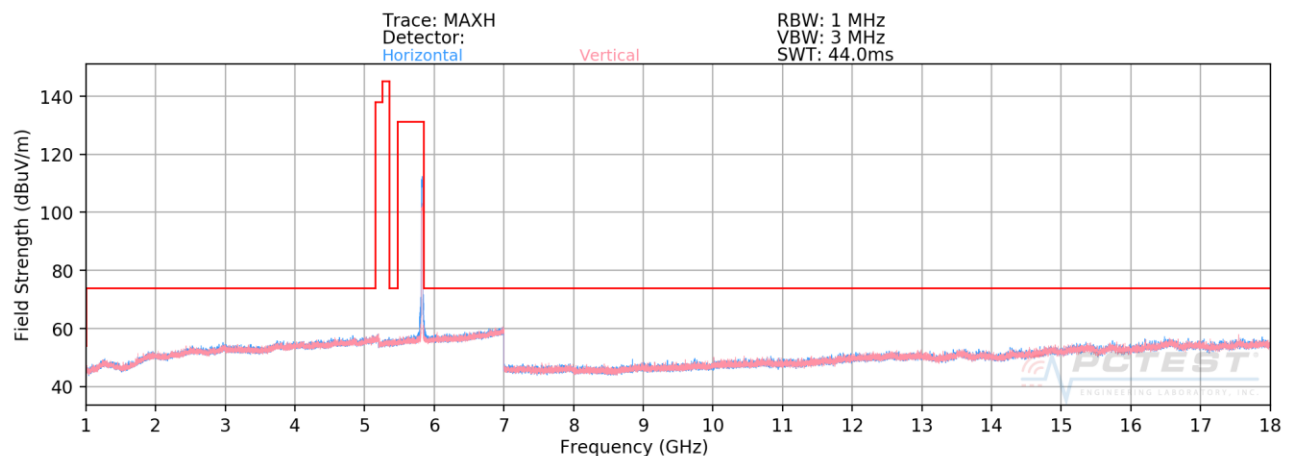
FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 140 of 210



**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: BCGA2197	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	H	-	-	-70.18	13.02	49.84	68.20	-18.36
15540.00	Average	H	-	-	-83.39	18.55	42.16	53.98	-11.82
15540.00	Peak	H	-	-	-71.87	18.55	53.68	73.98	-20.30

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	H	-	-	-70.04	13.14	50.10	68.20	-18.10
15600.00	Average	H	-	-	-83.33	18.82	42.49	53.98	-11.49
15600.00	Peak	H	-	-	-71.36	18.82	54.46	73.98	-19.52

Table 7-49. Radiated Measurements SISO CORE 1

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 142 of 210

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	H	-	-	-69.52	12.89	50.37	68.20	-17.83
15720.00	Average	H	-	-	-84.35	19.82	42.47	53.98	-11.51
15720.00	Peak	H	-	-	-72.36	19.82	54.46	73.98	-19.52

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-69.95	12.80	49.85	68.20	-18.35
15780.00	Average	H	-	-	-83.90	19.69	42.79	53.98	-11.19
15780.00	Peak	H	-	-	-72.52	19.69	54.17	73.98	-19.81

Table 7-51. Radiated Measurements SISO CORE 1

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	H	-	-	-69.64	12.78	50.14	68.20	-18.06
15840.00	Average	H	-	-	-83.89	19.12	42.23	53.98	-11.74
15840.00	Peak	H	-	-	-71.91	19.12	54.21	73.98	-19.76

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10640.00	Average	H	-	-	-81.89	12.94	38.05	53.98	-15.93
10640.00	Peak	H	-	-	-69.85	12.94	50.09	73.98	-23.89
15960.00	Average	H	-	-	-83.24	19.33	43.09	53.98	-10.89
15960.00	Peak	H	-	-	-72.44	19.33	53.89	73.98	-20.09

Table 7-53. Radiated Measurements SISO CORE 1

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 144 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]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11000.00	Average	H	-	-	-82.52	13.62	38.10	53.98	-15.88
11000.00	Peak	H	-	-	-70.24	13.62	50.38	73.98	-23.60
16500.00	Peak	H	-	-	-71.36	20.01	55.65	68.20	-12.55

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11160.00	Average	H	-	-	-81.76	13.14	38.38	53.98	-15.60
11160.00	Peak	H	-	-	-70.37	13.14	49.77	73.98	-24.21
16740.00	Peak	H	-	-	-72.35	20.11	54.76	68.20	-13.44

Table 7-55. Radiated Measurements SISO CORE 1

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 145 of 210

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11440.00	Average	V	122	124	-80.34	13.94	40.60	53.98	-13.38
11440.00	Peak	V	122	124	-70.41	13.94	50.53	73.98	-23.45
17160.00	Peak	H	-	-	-71.62	19.94	55.32	68.20	-12.88

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11490.00	Average	H	399	183	-78.82	14.38	42.56	53.98	-11.42
11490.00	Peak	H	399	183	-68.03	14.38	53.35	73.98	-20.63
17235.00	Peak	H	-	-	-71.33	20.19	55.86	68.20	-12.34

Table 7-57. Radiated Measurements SISO CORE 1

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11570.00	Average	H	231	145	-81.45	14.17	39.72	53.98	-14.26
11570.00	Peak	H	231	145	-70.31	14.17	50.86	73.98	-23.12
17355.00	Peak	H	-	-	-71.74	20.58	55.84	68.20	-12.36

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

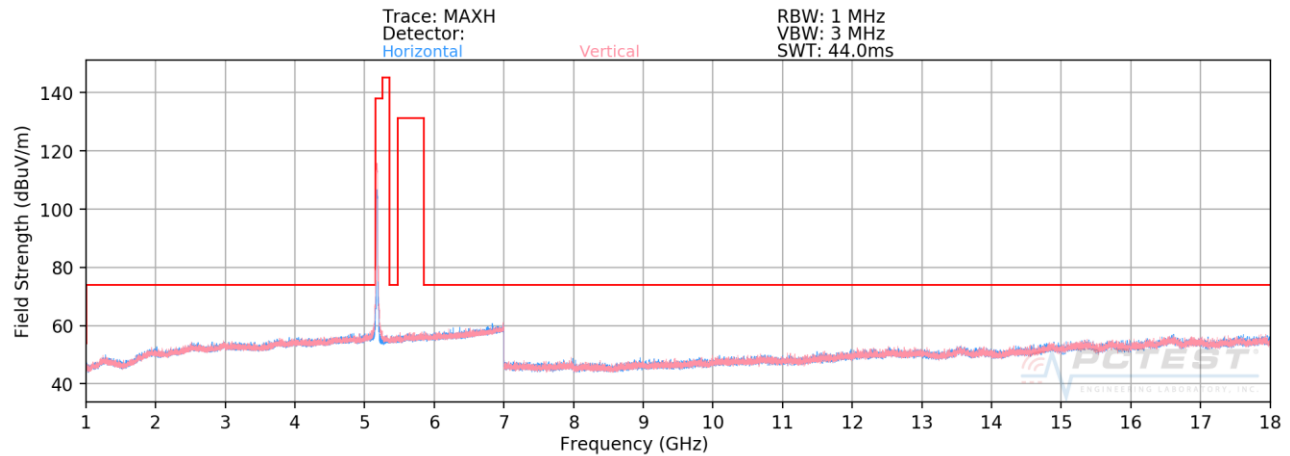
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11650.00	Average	H	254	64	-79.94	14.37	41.43	53.98	-12.55
11650.00	Peak	H	254	64	-70.11	14.37	51.26	73.98	-22.72
17475.00	Peak	H	-	-	-71.41	20.57	56.16	68.20	-12.04

Table 7-59. Radiated Measurements SISO CORE 1

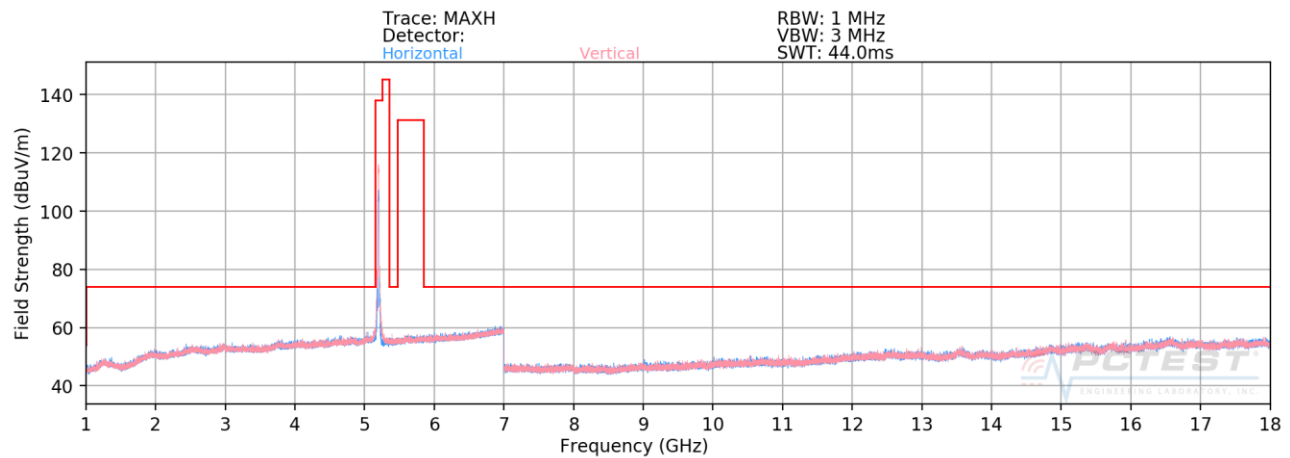
FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 147 of 210



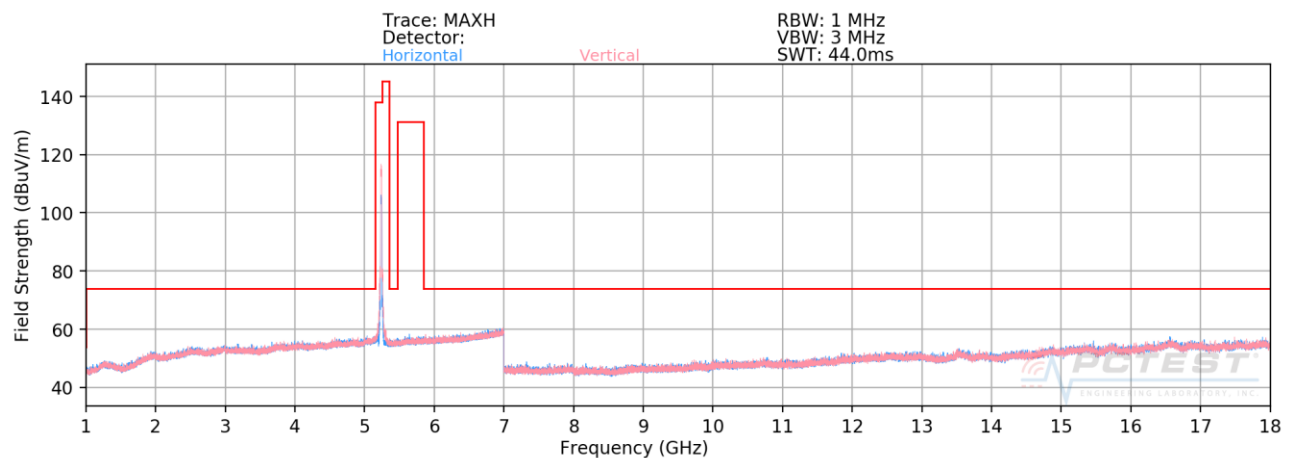
### 7.6.3 CDD/SDM Radiated Spurious Emission Measurements



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

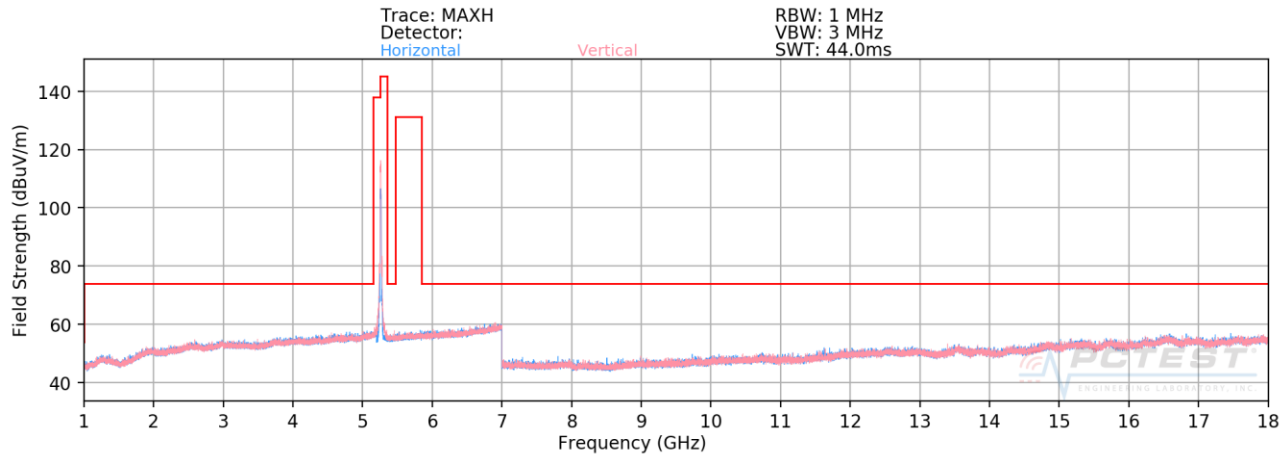


**Plot 7-196. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 40)**

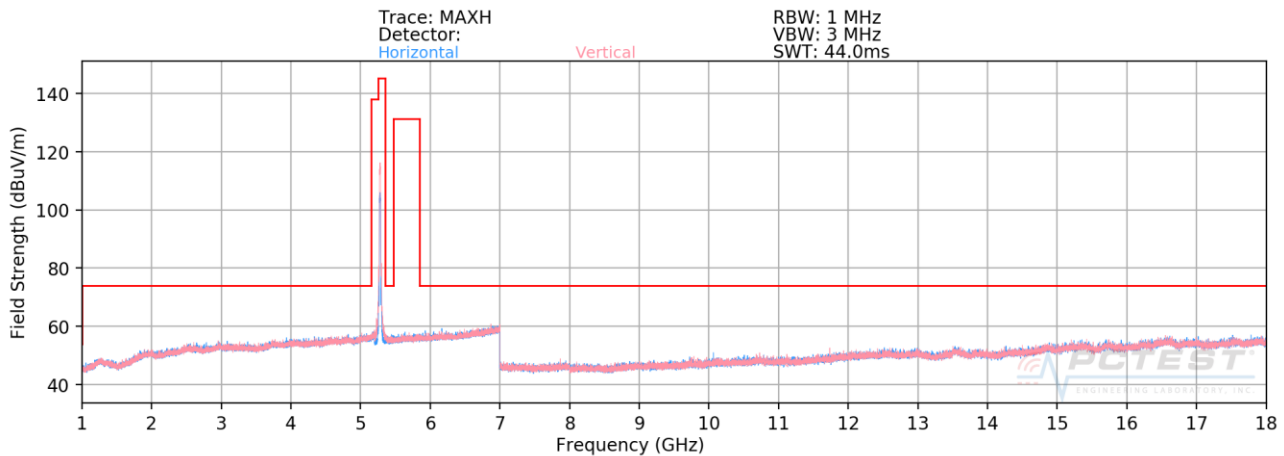


**Plot 7-197. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 48)**

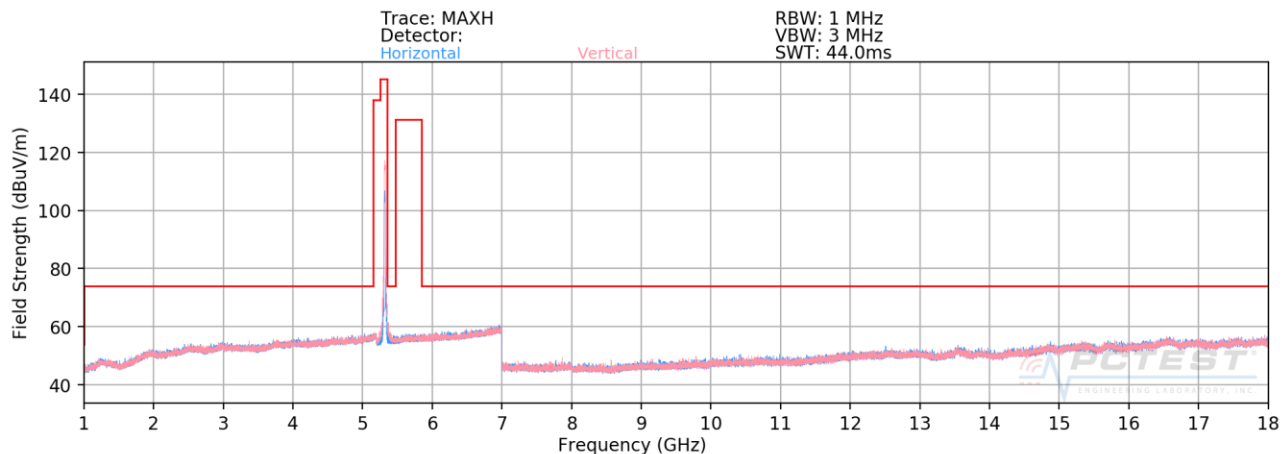
FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 148 of 210



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

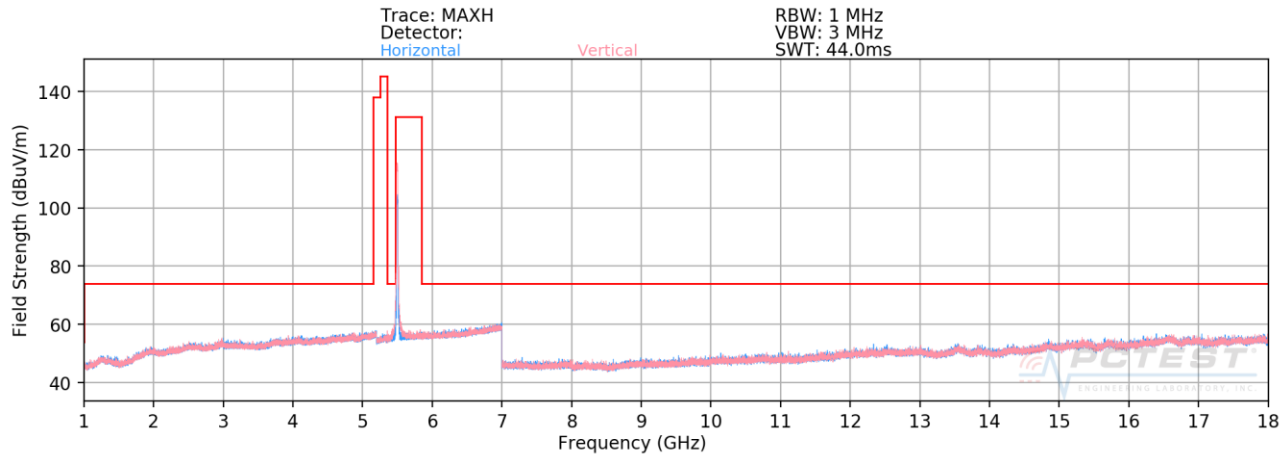


**Plot 7-199. Radiated Spurious Plot above 1GHz SDM (802.11n – U2A Ch. 56)**

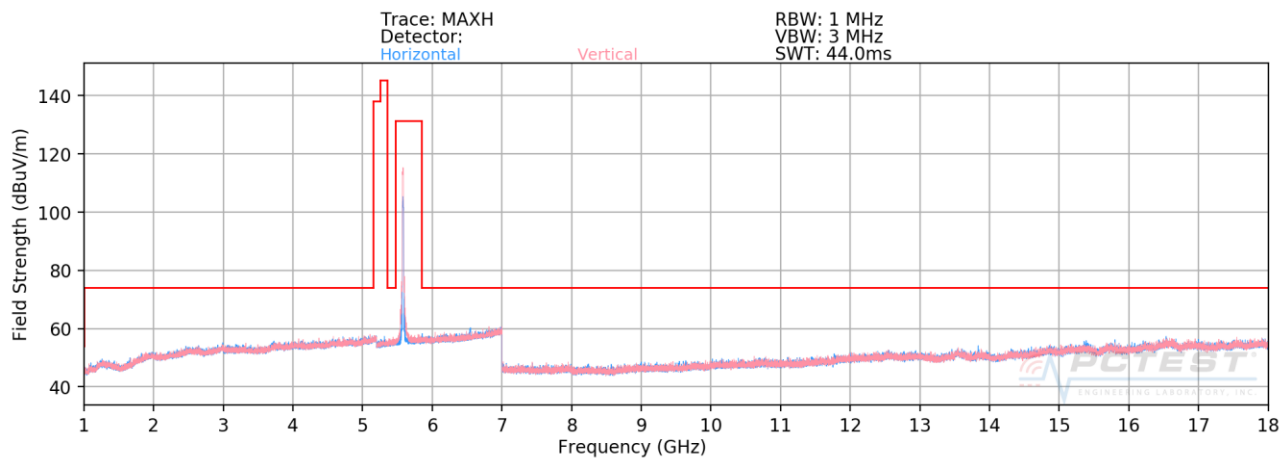


**Plot 7-200. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 64)**

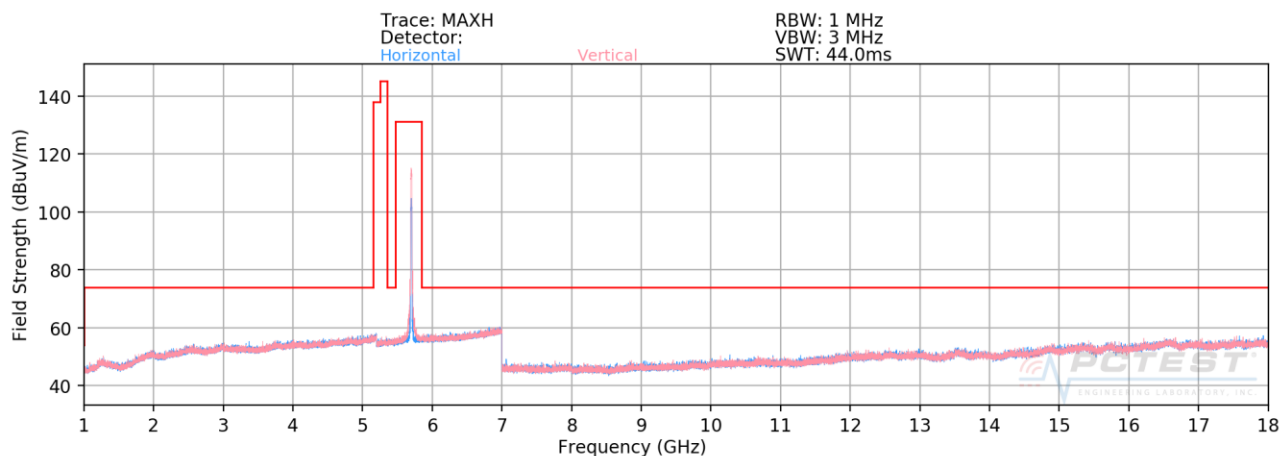
FCC ID: BCGA2197	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 149 of 210



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

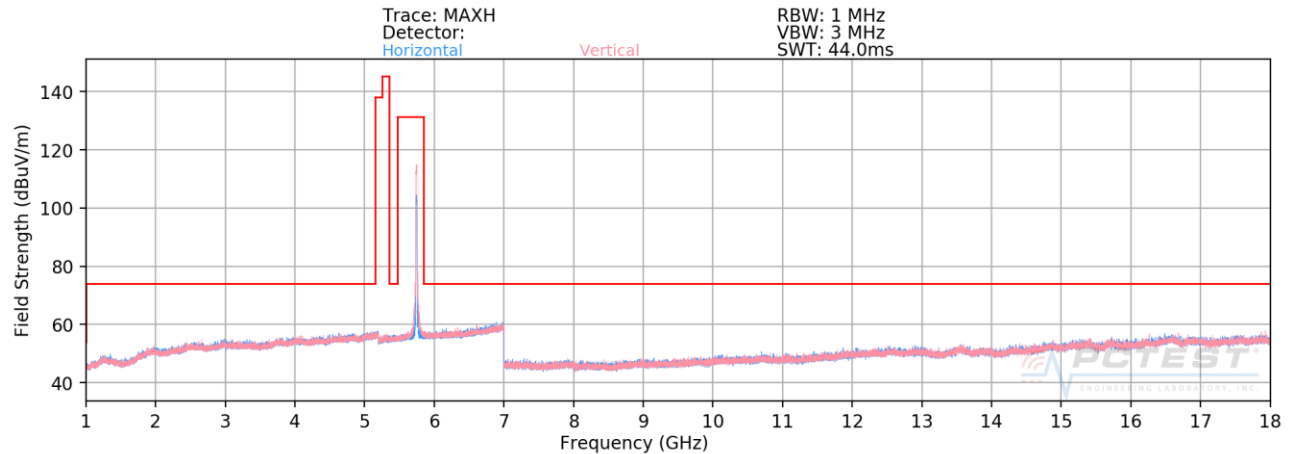


**Plot 7-202. Radiated Spurious Plot above 1GHz SDM (802.11n – U2C Ch. 116)**

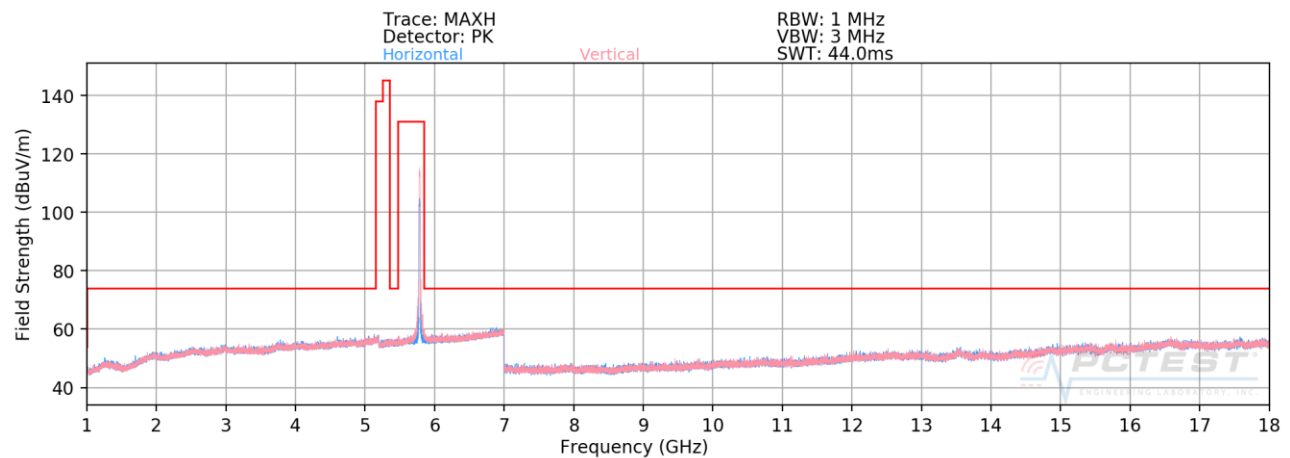


**Plot 7-203. Radiated Spurious Plot above 1GHz SDM (802.11n – U2C Ch. 144)**

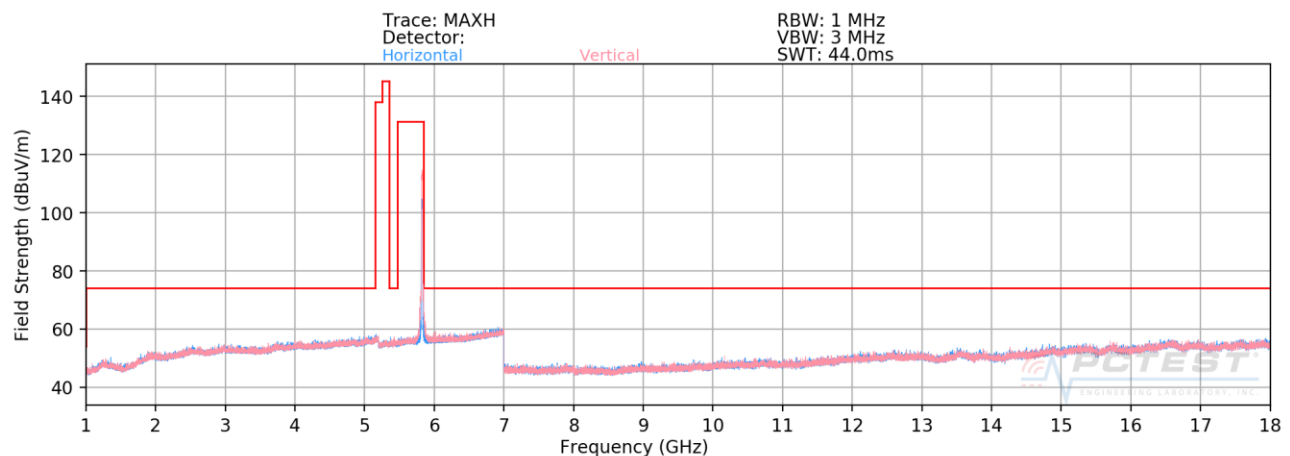
FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 150 of 210



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



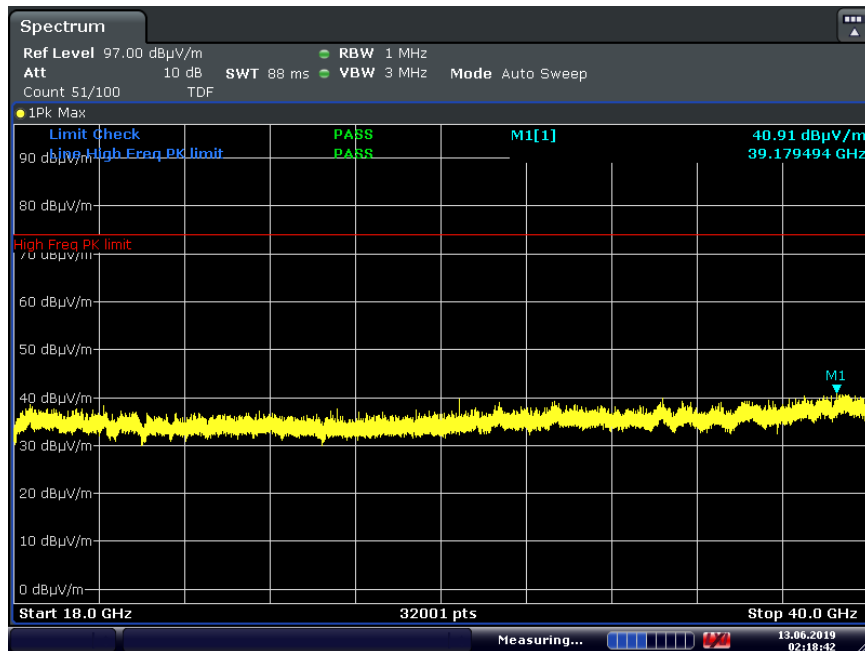
**Plot 7-205. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 157)**



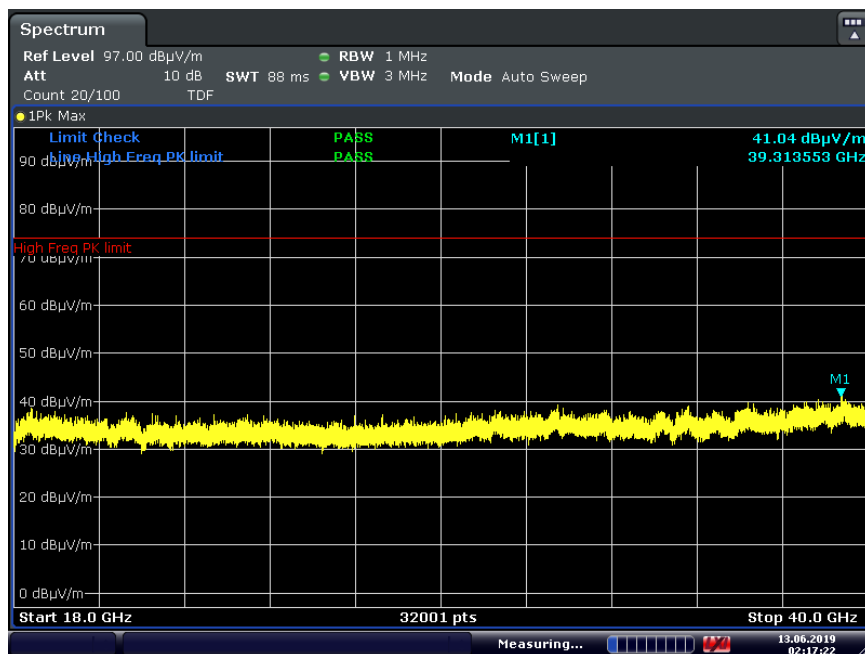
**Plot 7-206. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 165)**

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	V	-	-	-69.90	13.02	50.12	68.20	-18.08
15540.00	Average	V	-	-	-81.41	18.55	44.14	53.98	-9.84
15540.00	Peak	V	-	-	-69.92	18.55	55.63	73.98	-18.35

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	V	-	-	-69.56	13.14	50.58	68.20	-17.62
15600.00	Average	V	-	-	-82.68	18.82	43.14	53.98	-10.84
15600.00	Peak	V	-	-	-71.37	18.82	54.45	73.98	-19.53

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 153 of 210

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	V	-	-	-69.94	12.89	49.95	68.20	-18.25
15720.00	Average	V	-	-	-83.58	19.82	43.24	53.98	-10.74
15720.00	Peak	V	-	-	-72.68	19.82	54.14	73.98	-19.84

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	V	-	-	-69.77	12.80	50.03	68.20	-18.17
15780.00	Average	V	-	-	-82.84	19.69	43.85	53.98	-10.13
15780.00	Peak	V	-	-	-71.75	19.69	54.94	73.98	-19.04

Table 7-63. Radiated Measurements SDM

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	V	-	-	-69.71	12.78	50.07	68.20	-18.13
15840.00	Average	V	-	-	-82.69	19.12	43.43	53.98	-10.54
15840.00	Peak	V	-	-	-71.73	19.12	54.39	73.98	-19.58

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10640.00	Average	V	-	-	-81.41	12.94	38.53	53.98	-15.45
10640.00	Peak	V	-	-	-70.66	12.94	49.28	73.98	-24.70
15960.00	Average	V	-	-	-82.90	19.33	43.43	53.98	-10.55
15960.00	Peak	V	-	-	-71.42	19.33	54.91	73.98	-19.07

Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11000.00	Average	V	-	-	-81.60	13.62	39.02	53.98	-14.96
11000.00	Peak	V	-	-	-70.90	13.62	49.72	73.98	-24.26
16500.00	Peak	V	-	-	-71.82	20.01	55.19	68.20	-13.01

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]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11160.00	Average	V	-	-	-81.39	13.14	38.75	53.98	-15.23
11160.00	Peak	V	-	-	-70.61	13.14	49.53	73.98	-24.45
16740.00	Peak	V	-	-	-72.25	20.11	54.86	68.20	-13.34

Table 7-67. Radiated Measurements SDM

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11440.00	Average	V	-	-	-82.04	13.94	38.90	53.98	-15.08
11440.00	Peak	V	-	-	-70.44	13.94	50.50	73.98	-23.48
17160.00	Peak	V	-	-	-71.82	19.94	55.12	68.20	-13.08

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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11490.00	Average	V	-	-	-82.08	14.38	39.30	53.98	-14.68
11490.00	Peak	V	-	-	-70.34	14.38	51.04	73.98	-22.94
17235.00	Peak	V	-	-	-70.26	20.19	56.93	68.20	-11.27

Table 7-69. Radiated Measurements CDD

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11570.00	Average	V	-	-	-81.78	14.17	39.39	53.98	-14.59
11570.00	Peak	V	-	-	-69.16	14.17	52.01	73.98	-21.97
17355.00	Peak	V	-	-	-70.51	20.58	57.07	68.20	-11.13

**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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
11650.00	Average	V	-	-	-81.37	14.37	40.00	53.98	-13.98
11650.00	Peak	V	-	-	-70.27	14.37	51.10	73.98	-22.88
17475.00	Peak	V	-	-	-71.58	20.57	55.99	68.20	-12.21

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

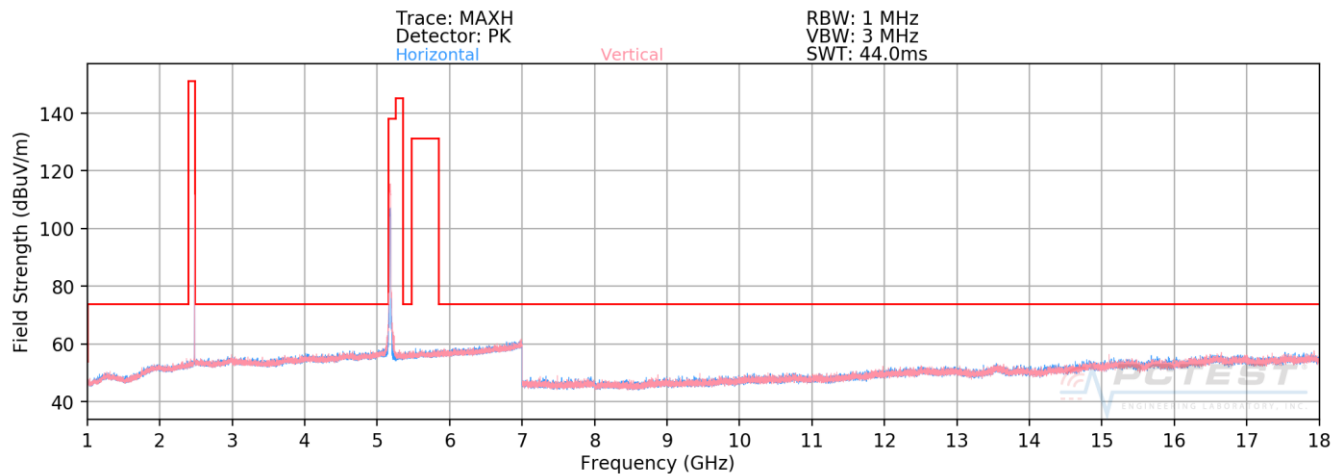
FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 158 of 210

## 7.6.4 Simultaneous Tx Radiated Spurious Emissions Measurements

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

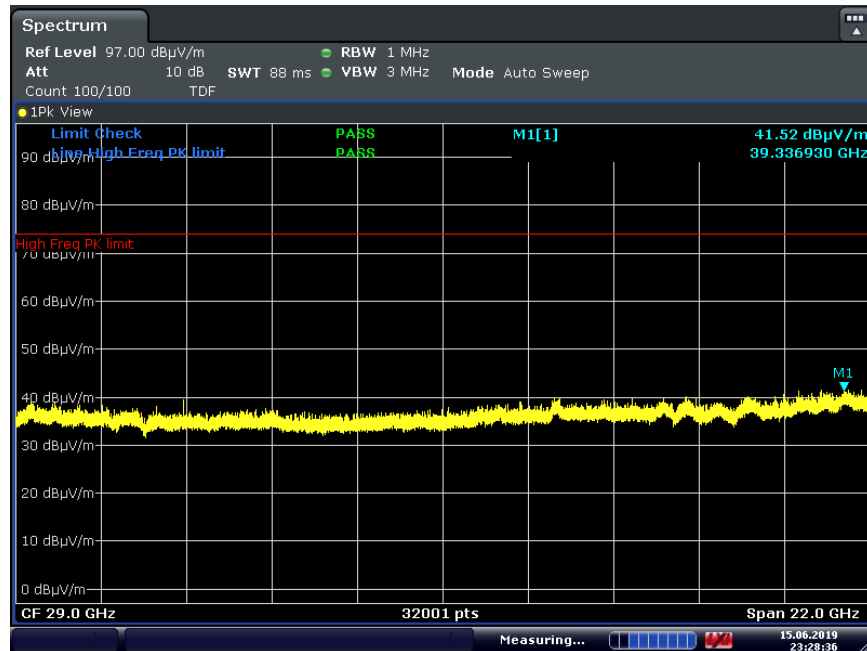
Description	2.4 GHz Emission	5 GHz Emission
Antenna	0	0
Channel	78	36
Operating Frequency (MHz)	2480	5180
Data Rate (Mbps)	GFSK/1Mbps	MCS0
Mode	Bluetooth	UNII

**Table 7-72. Simultaneous Transmission**

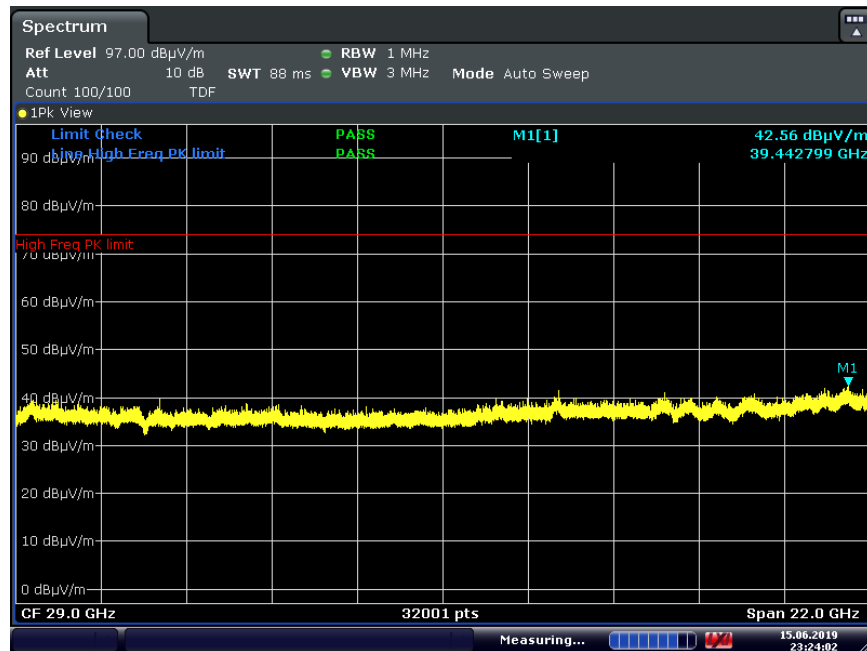


**Plot 7-209. Radiated Spurious Plot above 1GHz (2.4GHz – 5GHz)**

FCC ID: BCGA2197	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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	V	-	-	-78.79	15.73	43.94	53.98	-10.04
4960.00	Peak	V	-	-	-67.68	15.73	55.05	73.98	-18.93
7440.00	Avg	V	-	-	-79.32	8.83	36.51	53.98	-17.47
7440.00	Peak	V	-	-	-67.82	8.83	48.01	73.98	-25.97
12400.00	Avg	V	-	-	-83.02	15.73	39.71	53.98	-14.27
12400.00	Peak	V	-	-	-71.17	15.73	51.56	73.98	-22.42
10360.00	Avg	V	-	-	-81.87	13.02	38.15	53.98	-15.83
10360.00	Peak	V	-	-	-70.03	13.02	49.99	73.98	-23.99
15540.00	Avg	V	-	-	-83.20	18.55	42.35	53.98	-11.63
15540.00	Peak	V	-	-	-71.37	18.55	54.18	73.98	-19.80

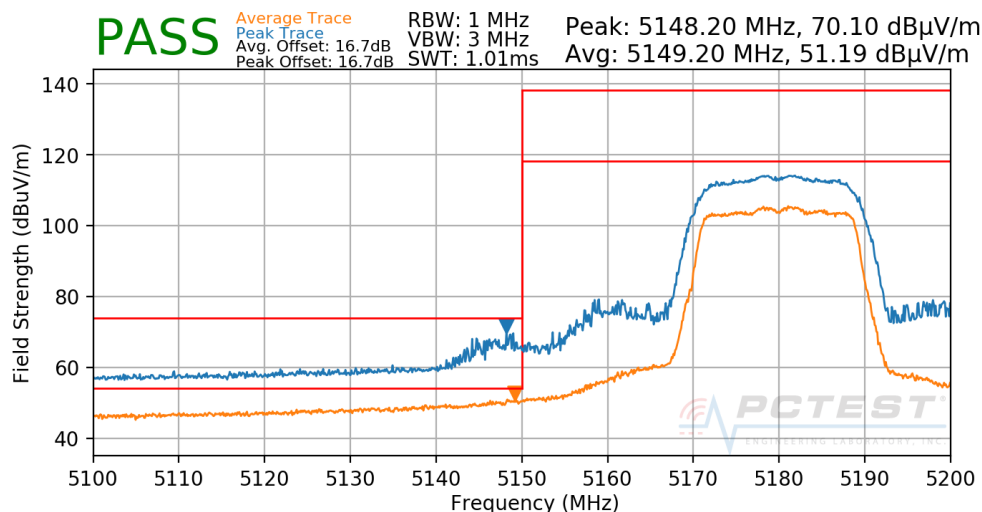
**Table 7-73. Radiated Measurements (2.4GHz – 5GHz)**

<b>FCC ID:</b> BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Quality Manager
<b>Test Report S/N:</b> 1C1901280002-06.BCG	<b>Test Dates:</b> 05/01/2019-07/15/2019	<b>EUT Type:</b> Tablet Device	Page 161 of 210

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

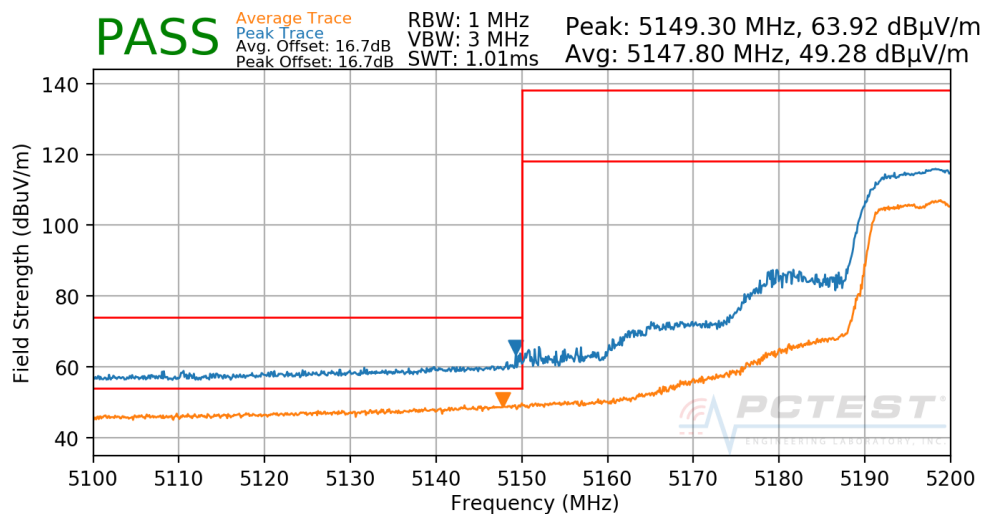
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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)

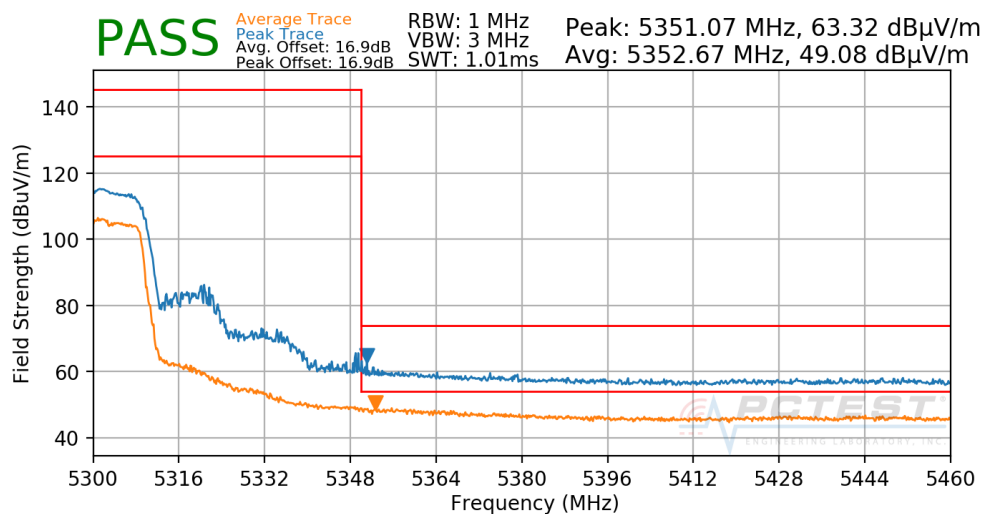
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40



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

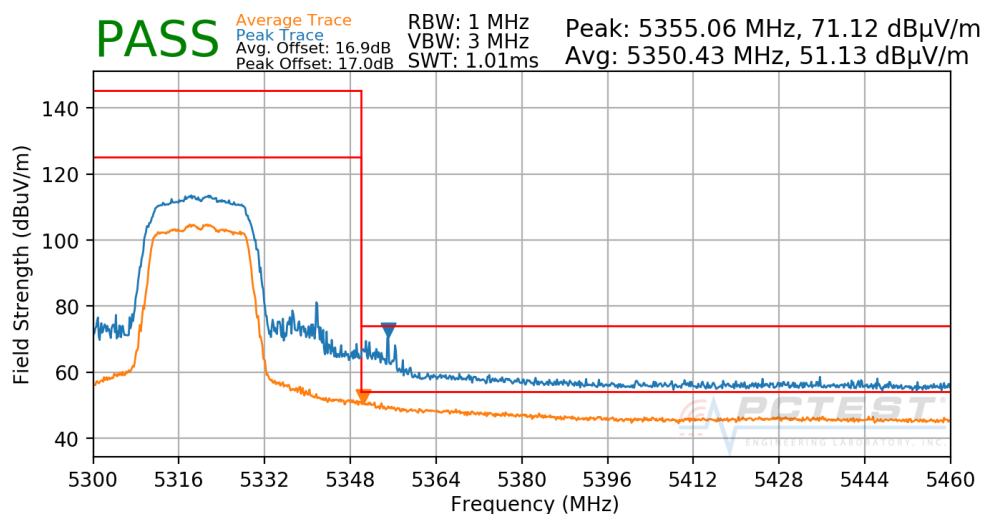
FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 162 of 210

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

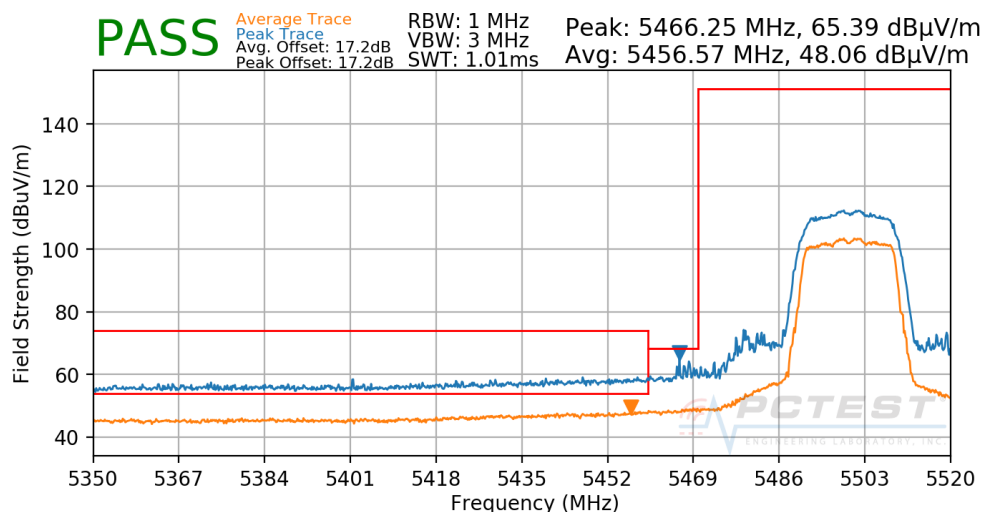


**Plot 7-215. Radiated Upper Band Edge Plot SISO CORE 0 (UNII Band 2A)**

FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 163 of 210

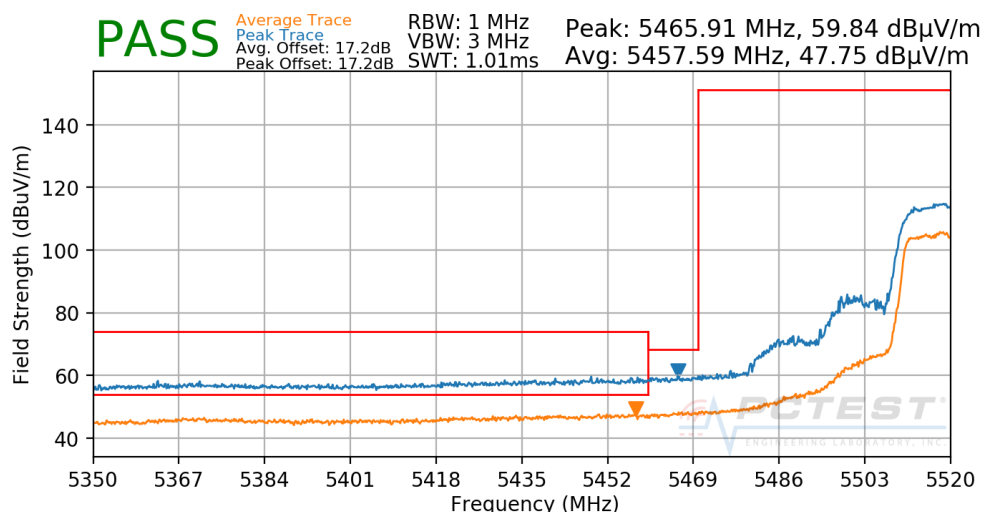


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5500MHz  
Channel: 100



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

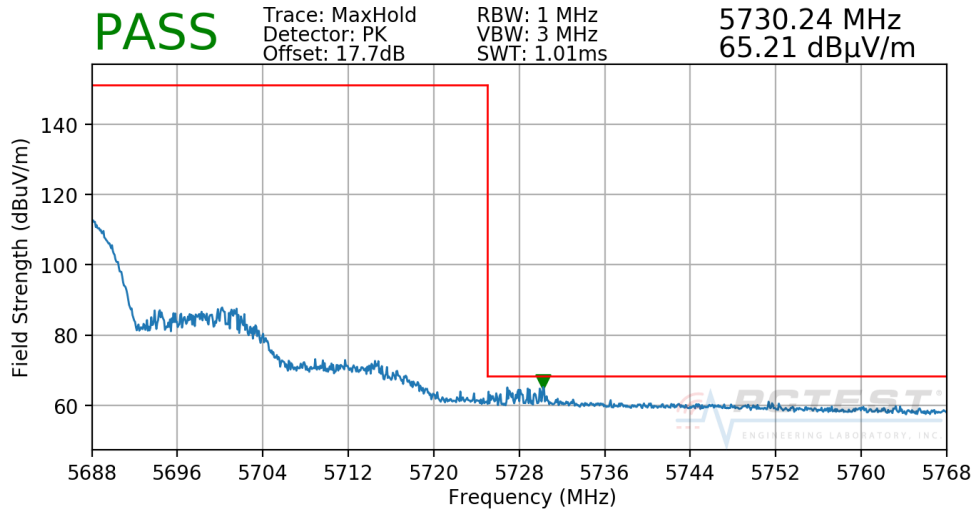
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5520MHz  
Channel: 104



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

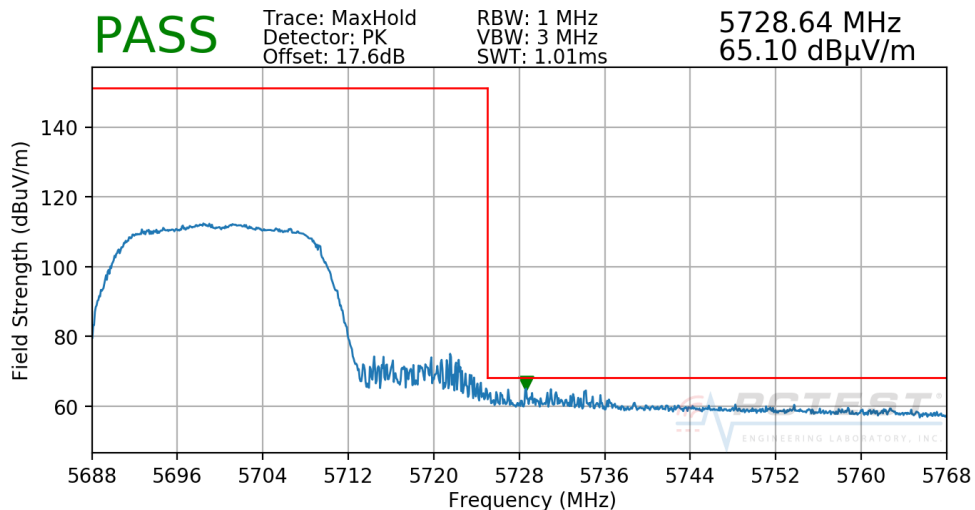
FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 164 of 210

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)**

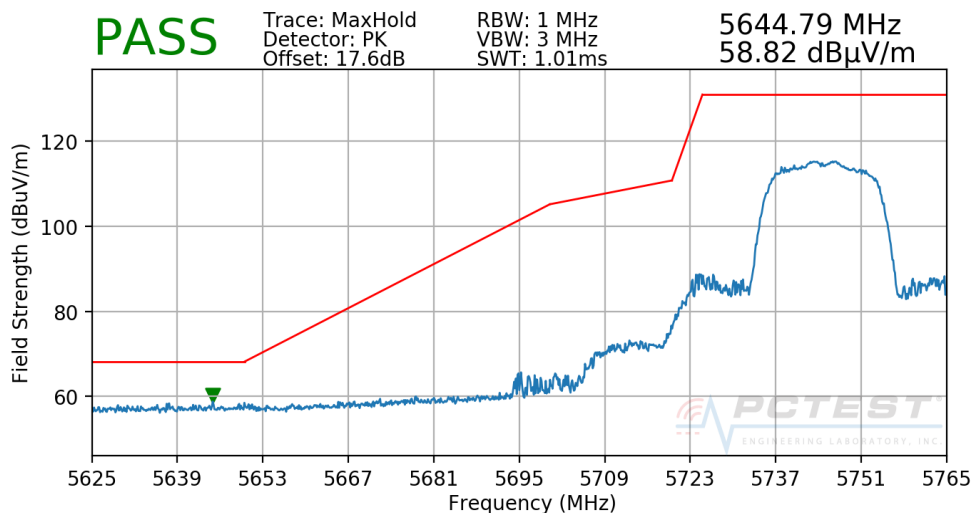
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5700MHz  
Channel: 140



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

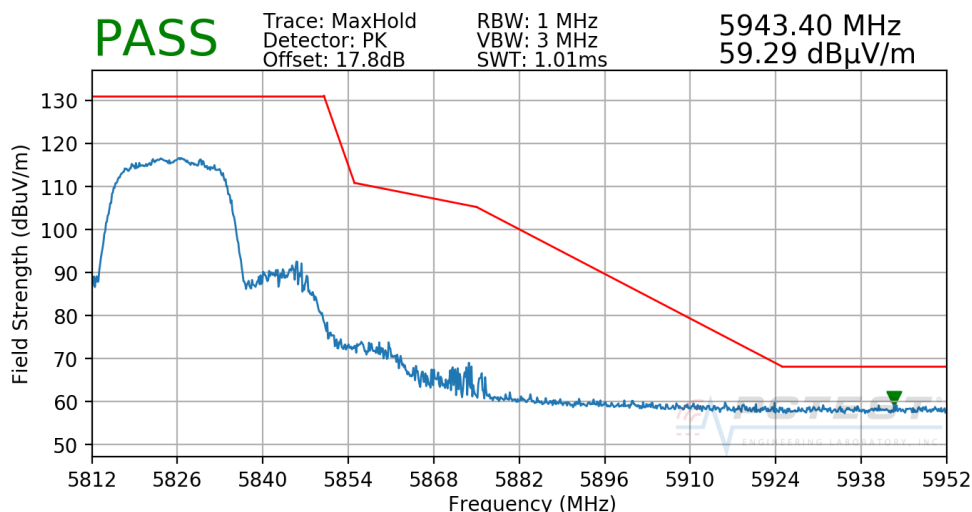
FCC ID: BCGA2197	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 165 of 210

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



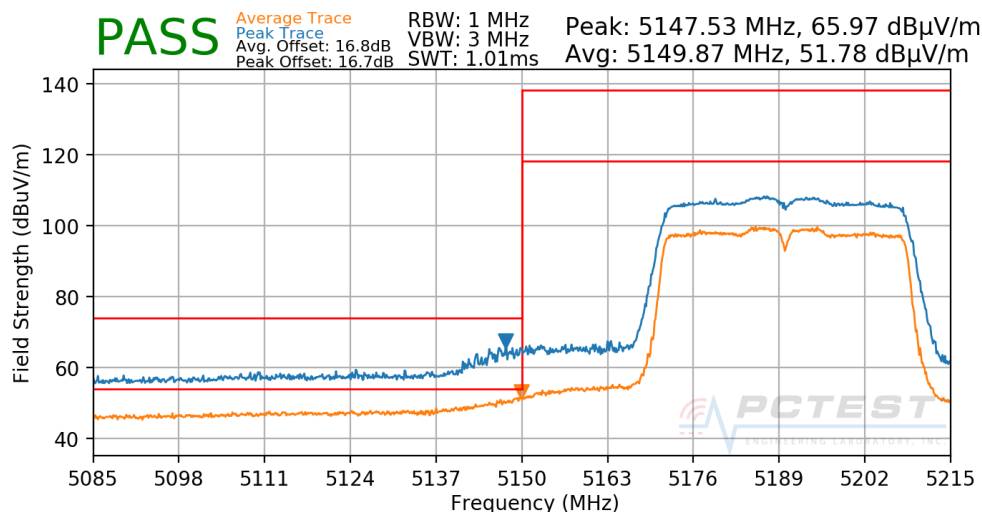
**Plot 7-221. Radiated Upper Band Edge Plot SISO CORE 0 (Peak - UNII Band 3)**

FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 166 of 210

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

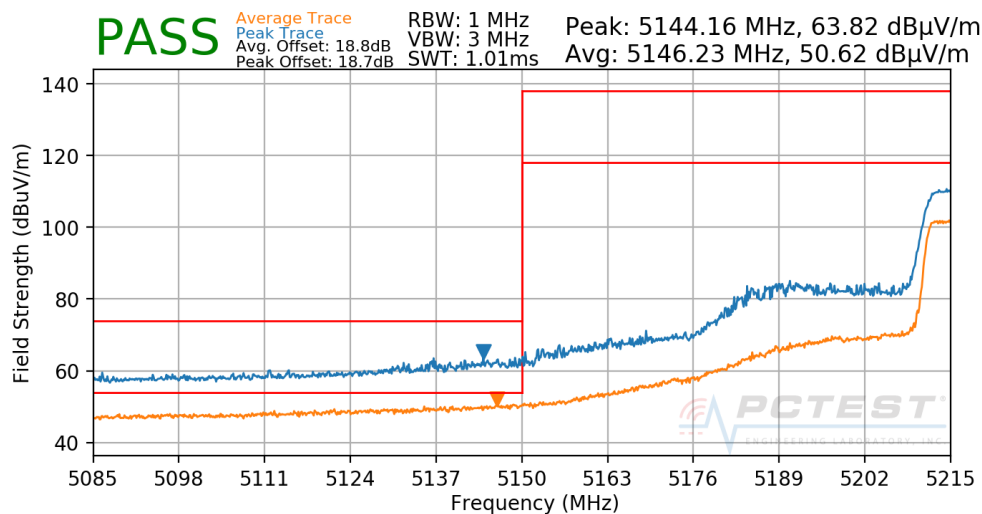
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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)

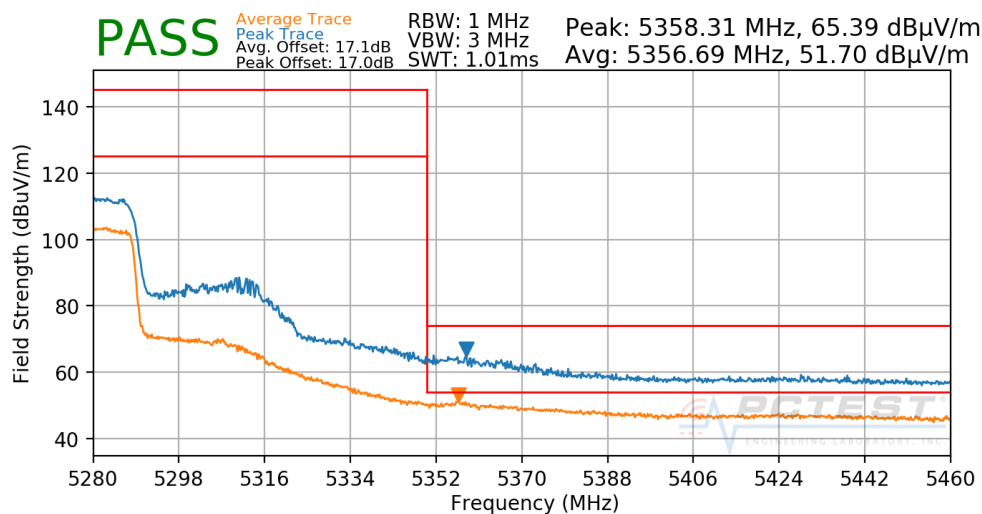
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5230MHz
Channel:	46



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

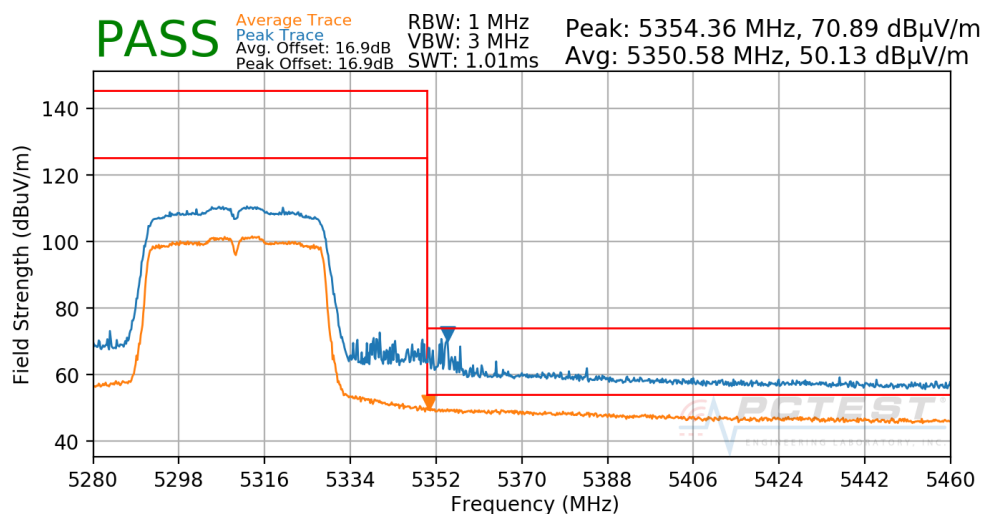
FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 167 of 210

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)**

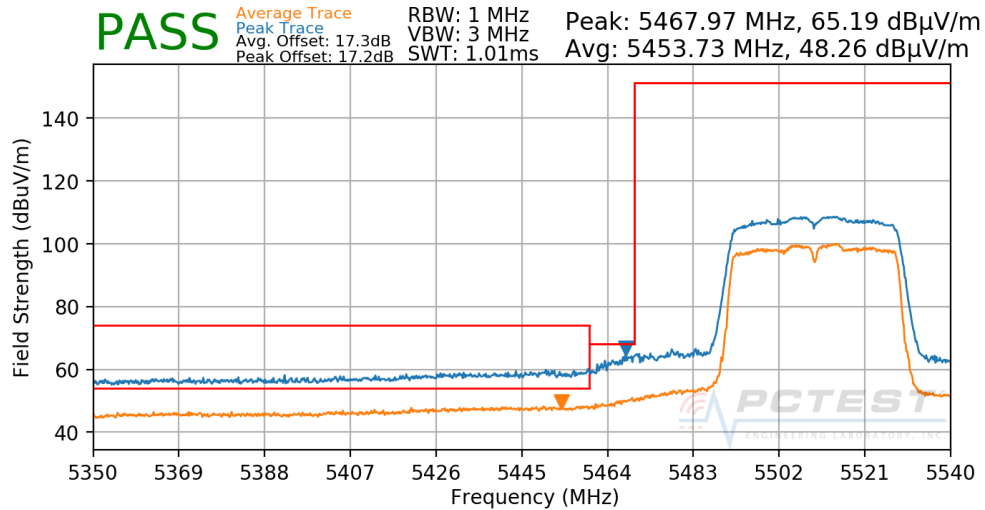
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5310MHz  
Channel: 62



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

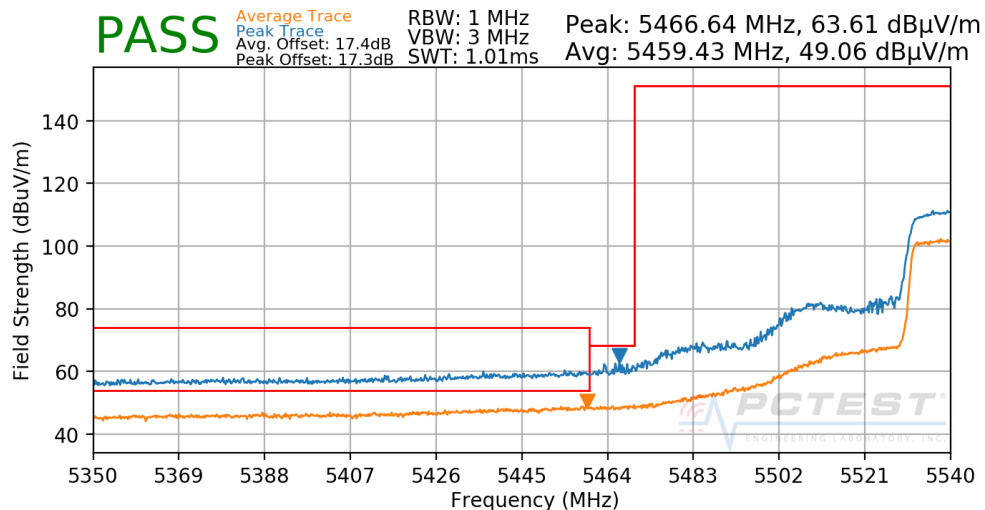
FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 168 of 210

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)**

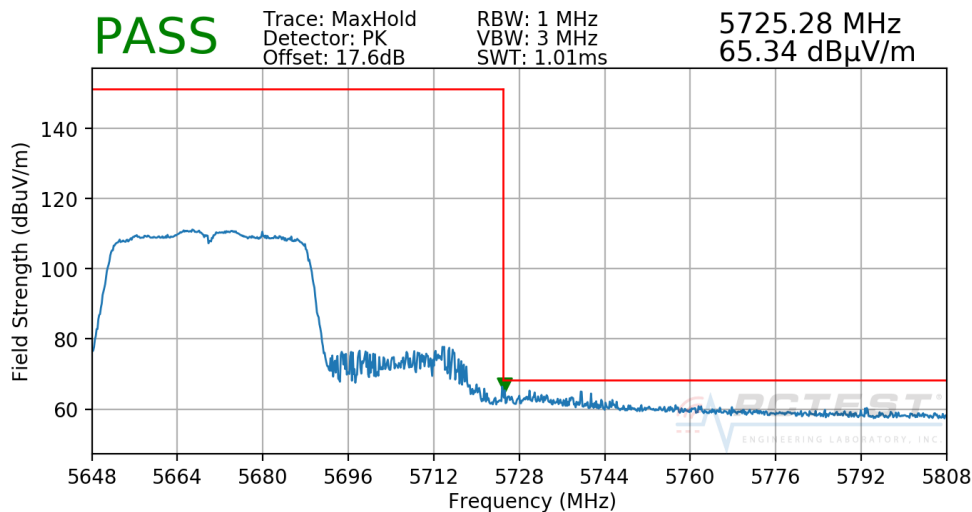
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5550MHz  
Channel: 110



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

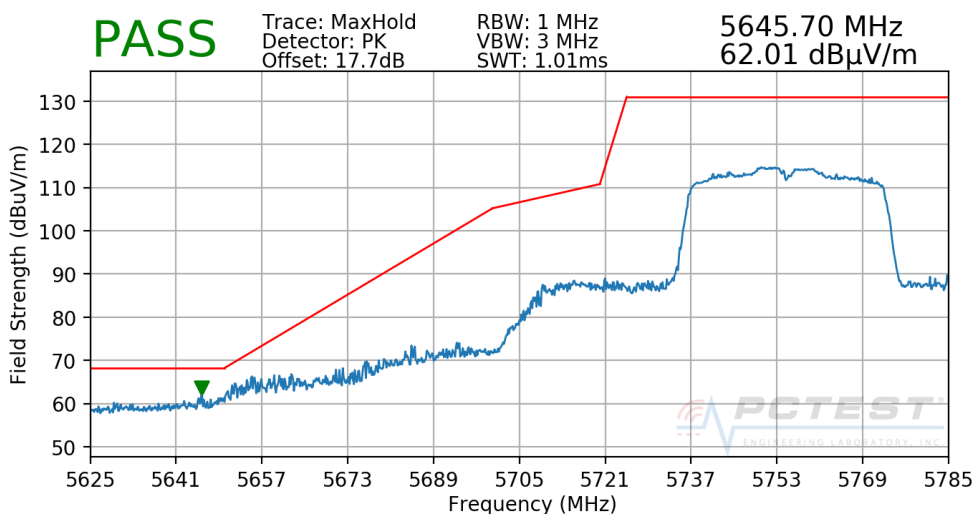
FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 169 of 210

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)**

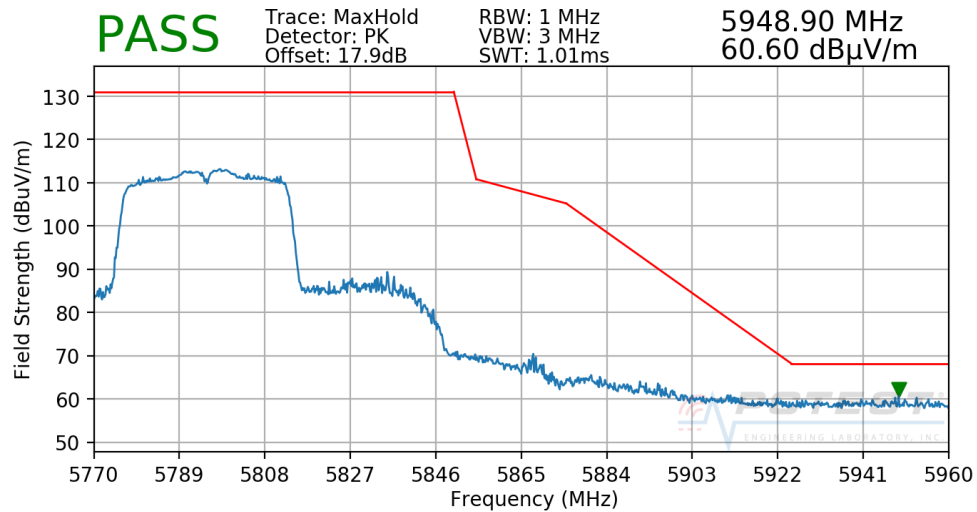
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5755MHz  
Channel: 151



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

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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)**

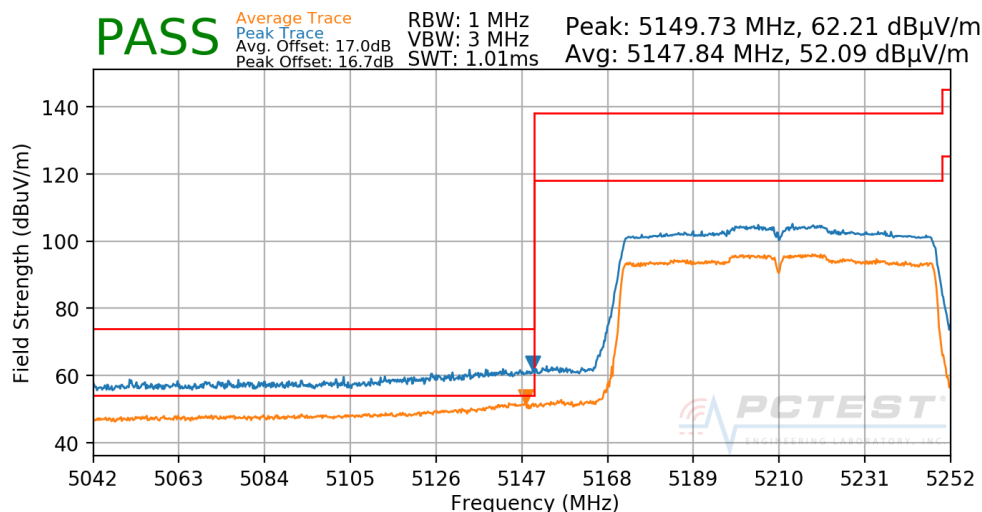
FCC ID: BCGA2197	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 171 of 210



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

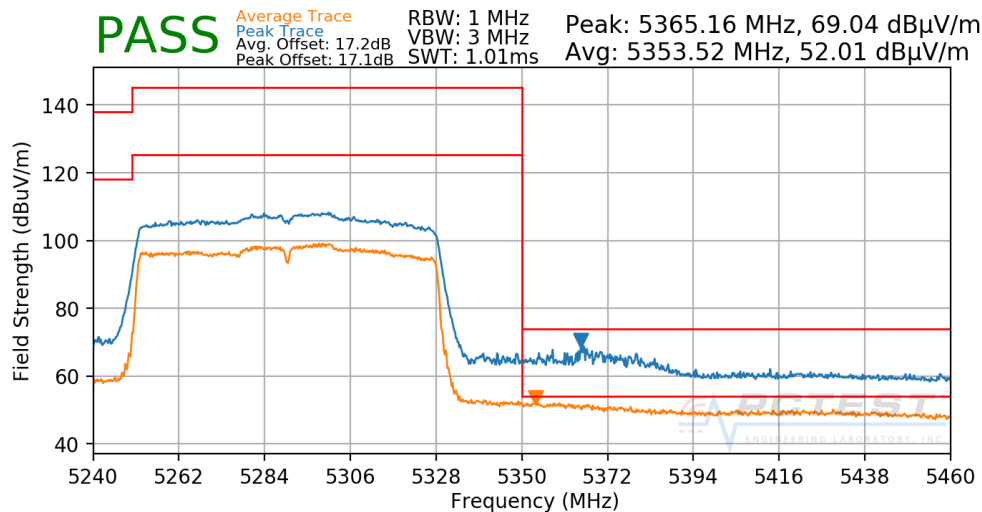
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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)

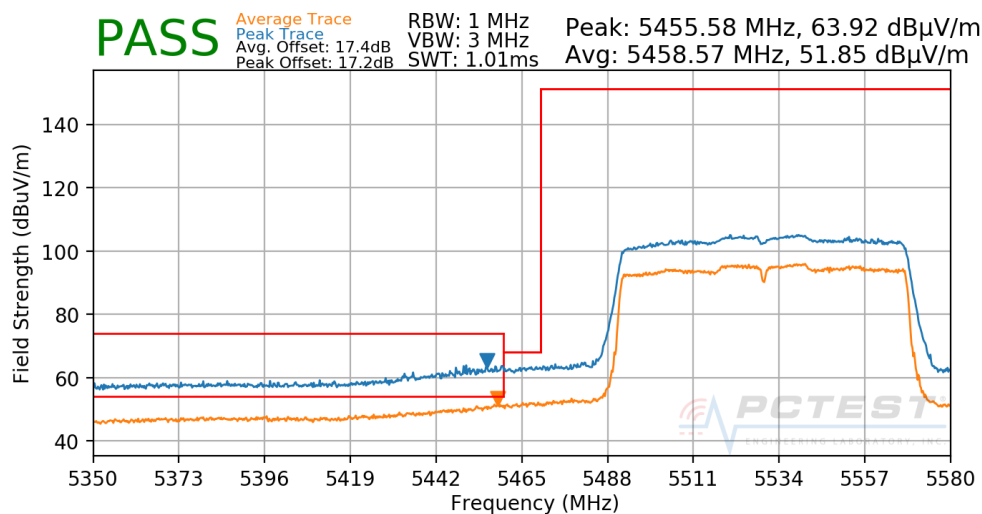
Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



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

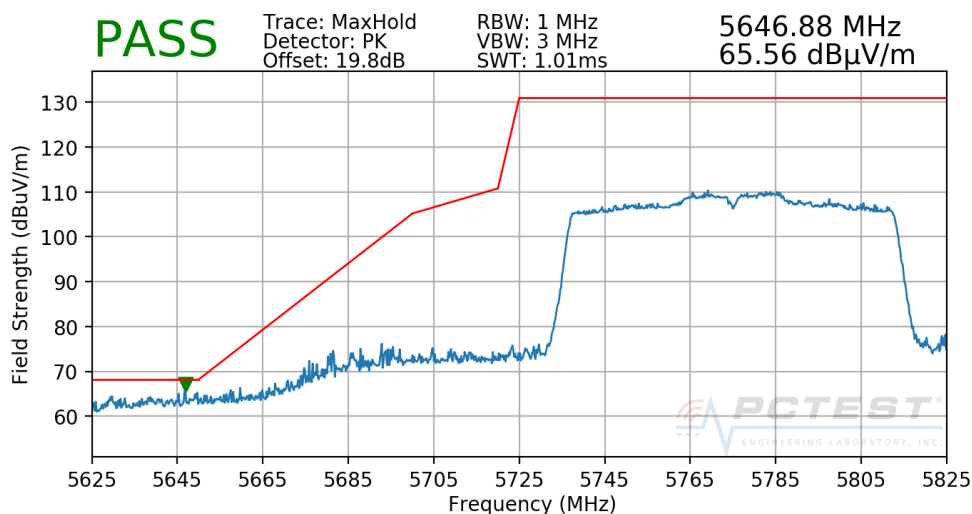
FCC ID: BCGA2197	<b>PCTEST</b> ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device		Page 172 of 210

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)**

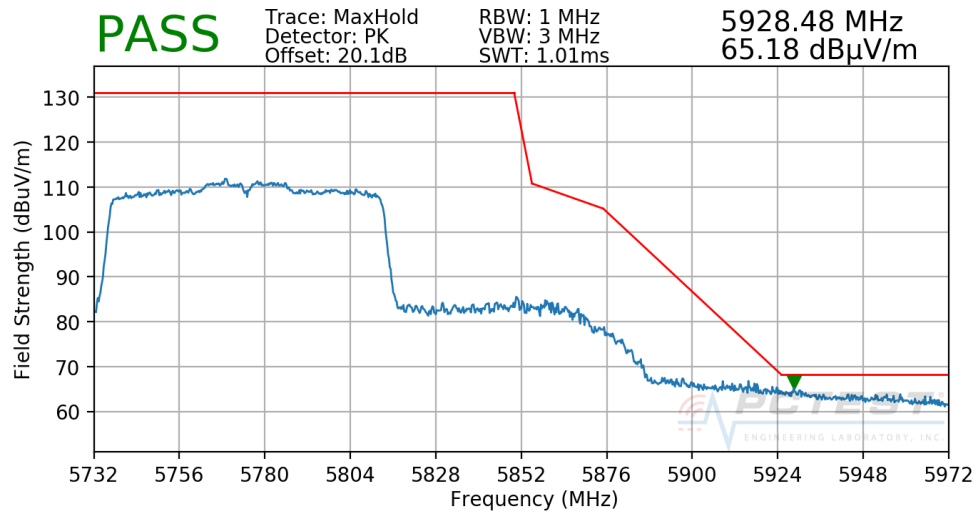
Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5775MHz  
Channel: 155



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

FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	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



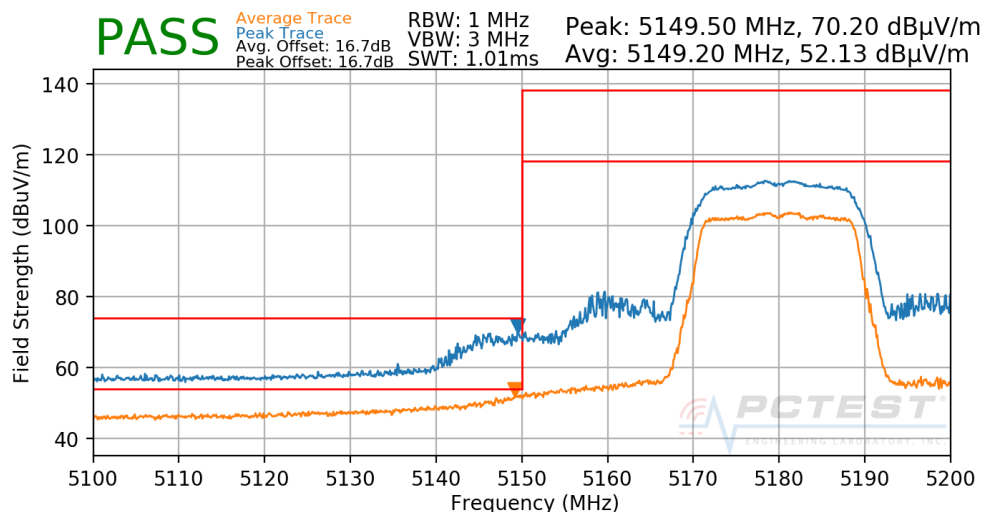
**Plot 7-235. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)**

FCC ID: BCGA2197	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 174 of 210

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

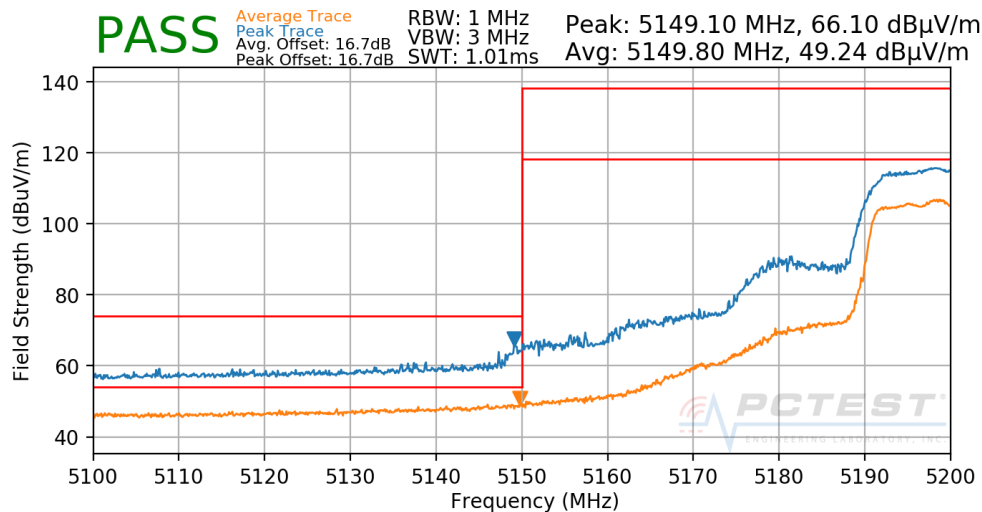
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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)**

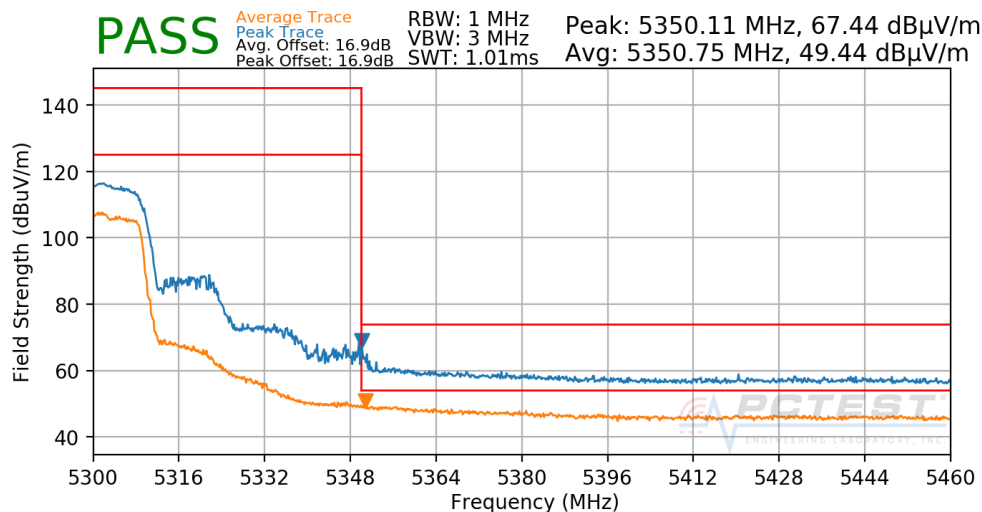
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40



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

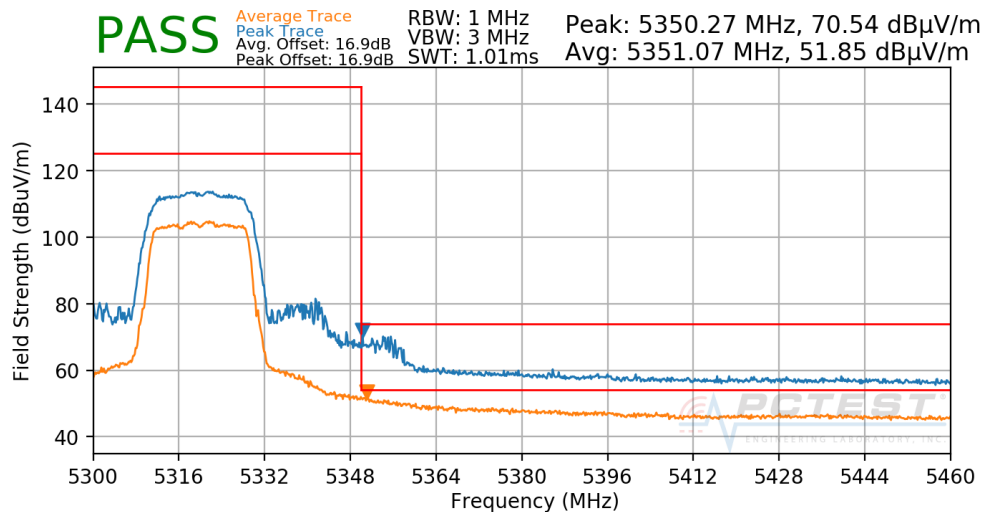
FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 175 of 210

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)**

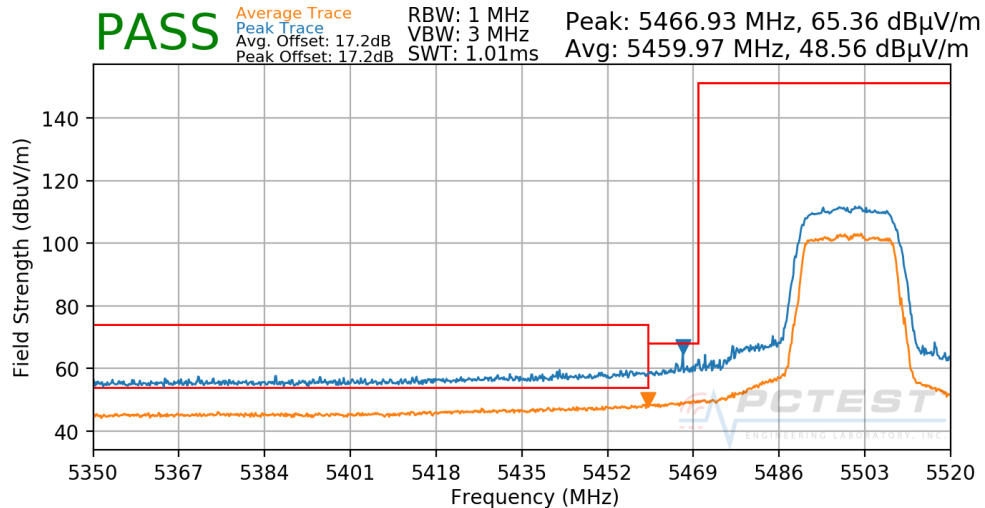
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5320MHz  
Channel: 64



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

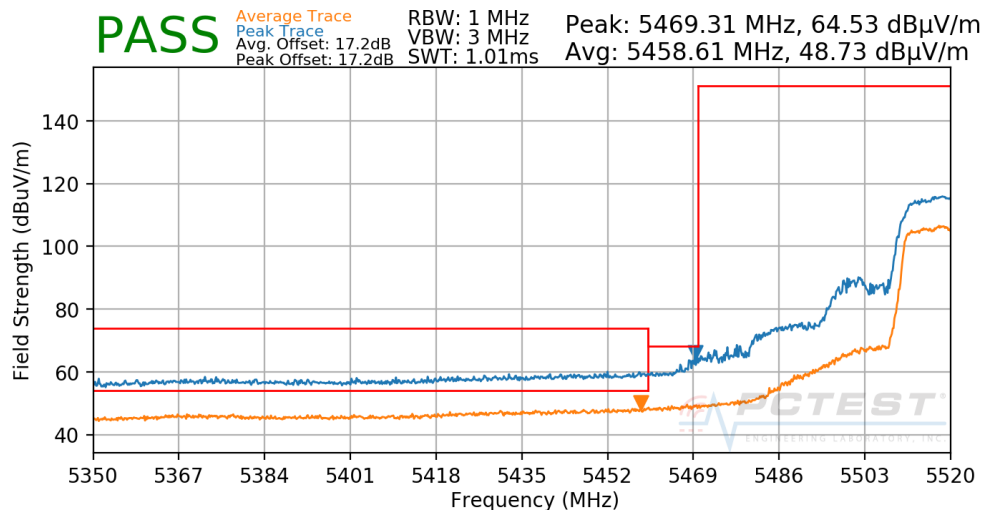
FCC ID: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 176 of 210

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)**

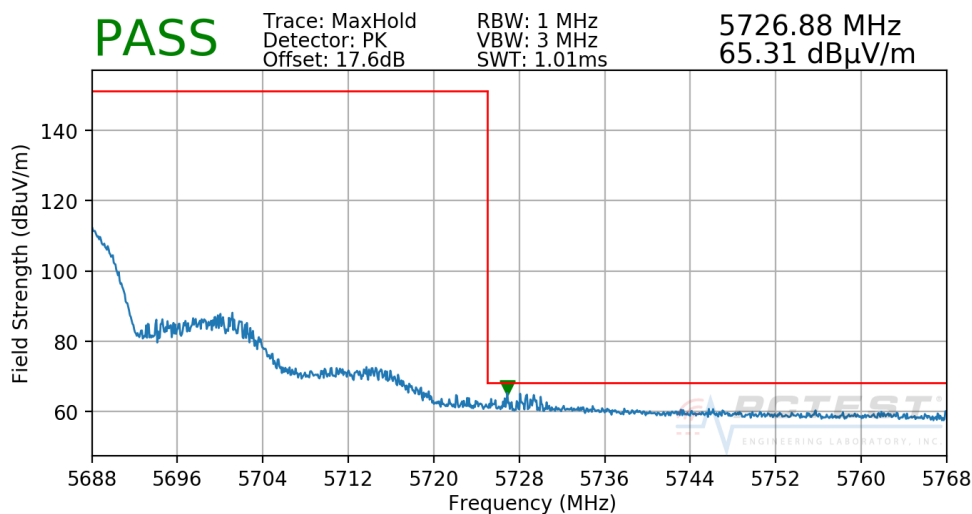
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5520MHz  
Channel: 104



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

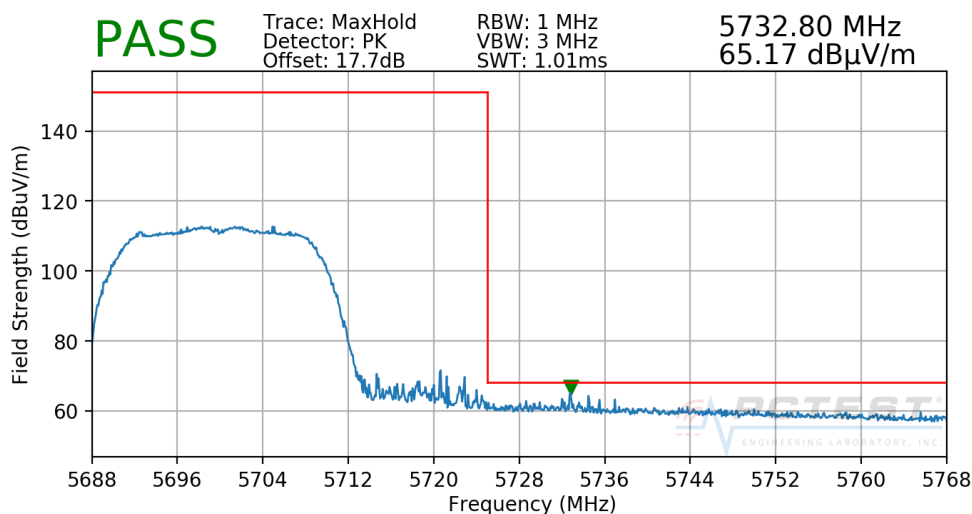
FCC ID: BCGA2197	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 177 of 210

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: BCGA2197	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1901280002-06.BCG	Test Dates: 05/01/2019-07/15/2019	EUT Type: Tablet Device	Page 178 of 210