

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5280MHz
 Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-72.79	17.39	51.60	68.20	-16.60
* 15840.00	Average	H	-	-	-85.55	22.16	43.61	53.98	-10.37
* 15840.00	Peak	H	-	-	-74.46	22.16	54.70	73.98	-19.28

Table 7-38. Radiated Measurements SISO CORE0

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 10640.00	Average	H	-	-	-83.75	17.38	40.63	53.98	-13.35
* 10640.00	Peak	H	-	-	-73.00	17.38	51.38	73.98	-22.60
* 15960.00	Average	H	-	-	-83.73	21.97	45.24	53.98	-8.73
* 15960.00	Peak	H	-	-	-73.11	21.97	55.86	73.98	-18.11

Table 7-39. Radiated Measurements SISO CORE0

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 129 of 206

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11000.00	Average	H	-	-	-84.02	18.00	40.98	53.98	-12.99
*	11000.00	Peak	H	-	-	-75.56	18.00	49.44	73.98	-24.53
	16500.00	Peak	H	-	-	-73.83	21.77	54.94	68.20	-13.26

Table 7-40. Radiated Measurements SISO CORE0

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11160.00	Average	H	-	-	-84.59	18.33	40.74	53.98	-13.24
*	11160.00	Peak	H	-	-	-73.30	18.33	52.03	73.98	-21.95
	16740.00	Peak	H	-	-	-73.06	22.62	56.56	68.20	-11.64

Table 7-41. Radiated Measurements SISO CORE0

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 130 of 206

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11400.00	Average	H	-	-	-84.47	19.01	0.00	41.54	53.98	-12.44
11400.00	Peak	H	-	-	-73.37	19.01	0.00	52.64	73.98	-21.34
17100.00	Peak	H	-	-	-72.77	23.09	0.00	57.32	68.20	-10.88

Table 7-42. Radiated Measurements SISO CORE0

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11490.00	Average	H	-	-	-84.60	19.13	41.53	53.98	-12.45
*	11490.00	Peak	H	-	-	-73.57	19.13	52.56	73.98	-21.42
	17235.00	Peak	H	-	-	-72.98	24.23	58.25	68.20	-9.95

Table 7-43. Radiated Measurements SISO CORE0

FCC ID: BCGA2014	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device				

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5785MHz
 Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11570.00	Average	H	-	-	-84.81	19.62	41.81	53.98	-12.17
* 11570.00	Peak	H	-	-	-73.91	19.62	52.71	73.98	-21.27
17355.00	Peak	H	-	-	-73.38	25.09	58.71	68.20	-9.49

Table 7-44. Radiated Measurements SISO CORE0

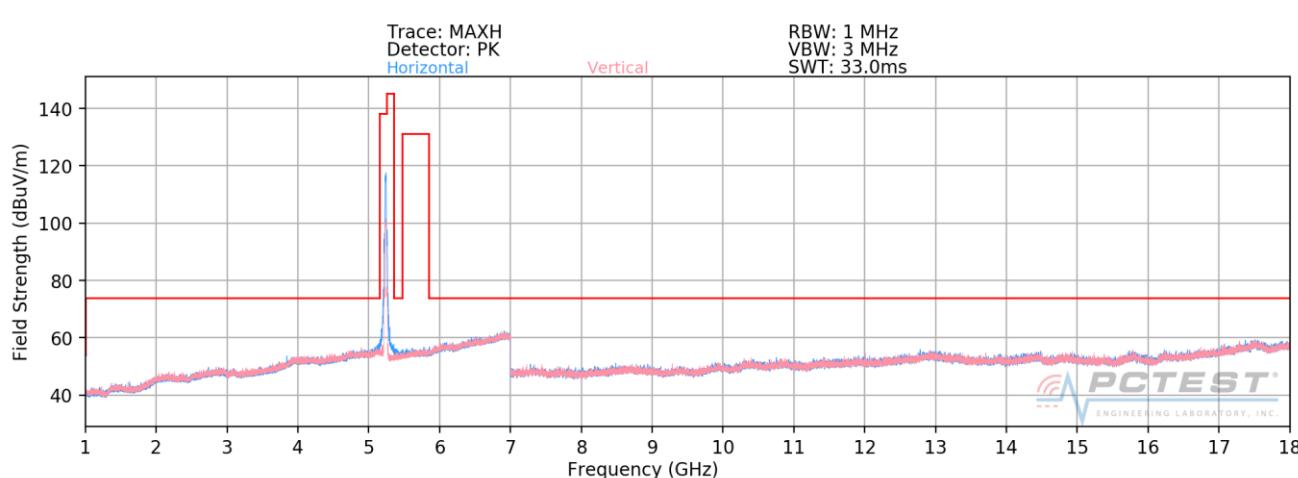
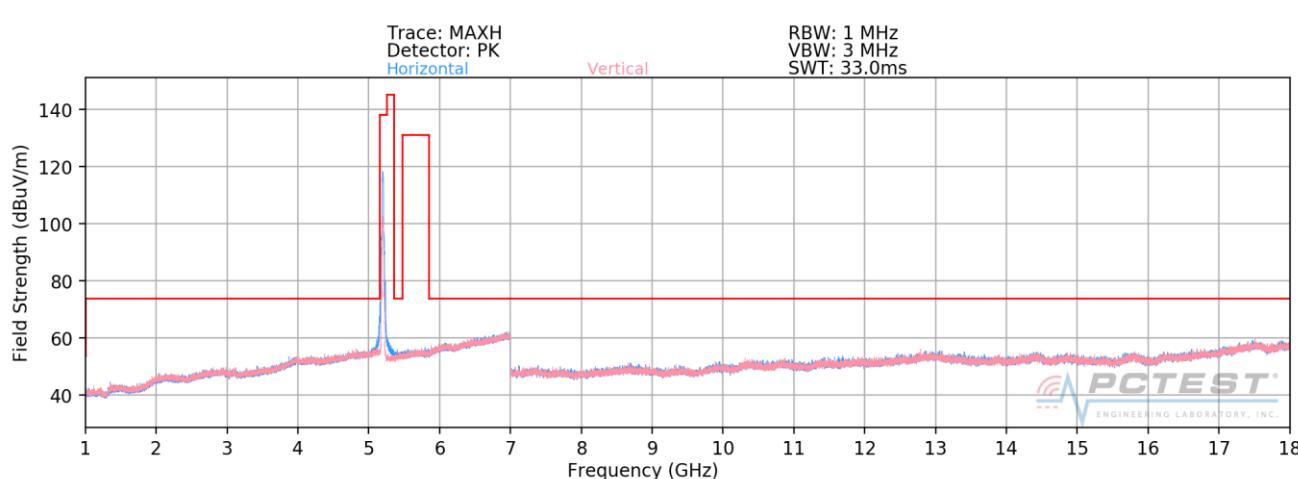
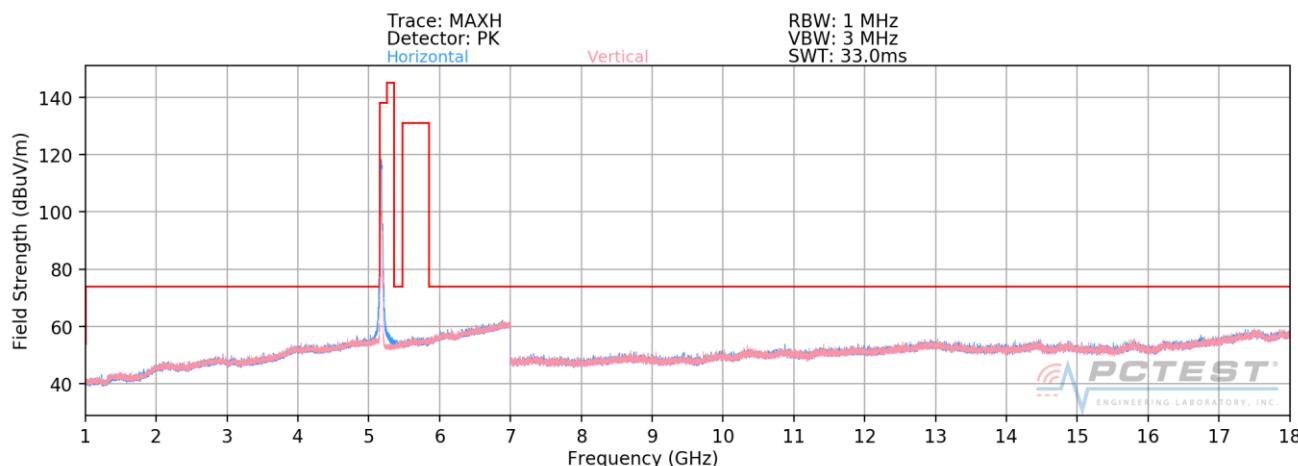
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11650.00	Average	H	-	-	-84.97	19.35	41.38	53.98	-12.60
* 11650.00	Peak	H	-	-	-73.63	19.35	52.72	73.98	-21.26
17475.00	Peak	H	-	-	-73.88	25.25	58.37	68.20	-9.83

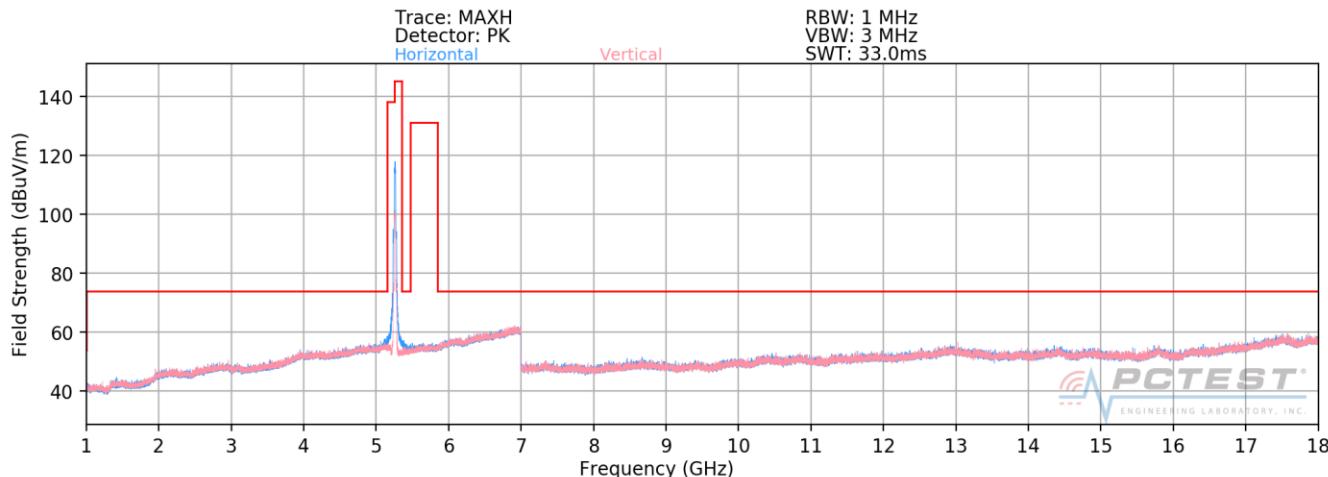
Table 7-45. Radiated Measurements SISO CORE0

FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 132 of 206

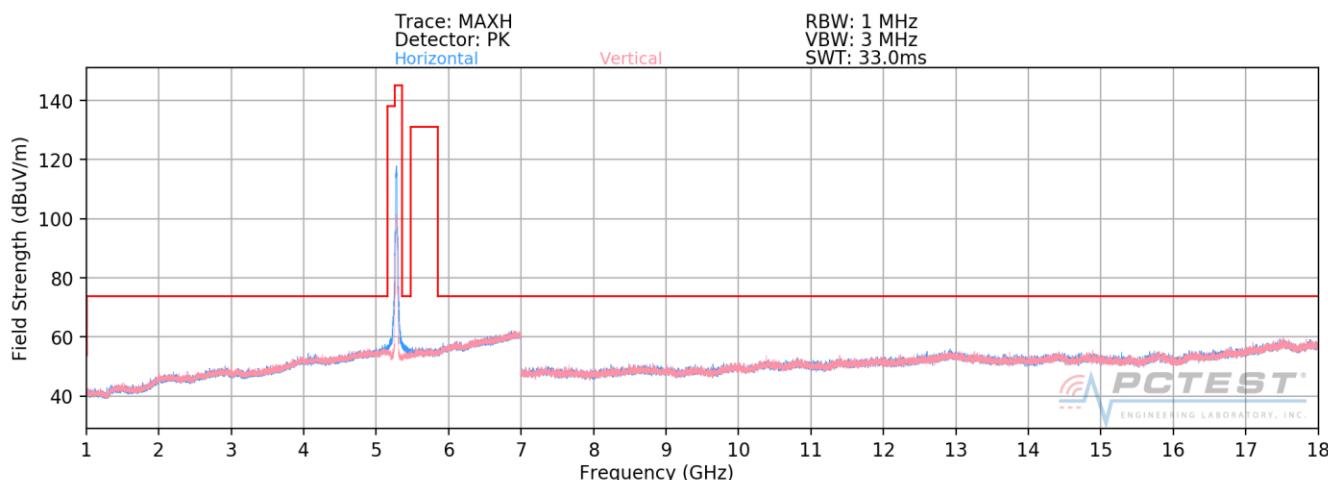
7.6.2 SISO CORE-1 Radiated Spurious Emission Measurements



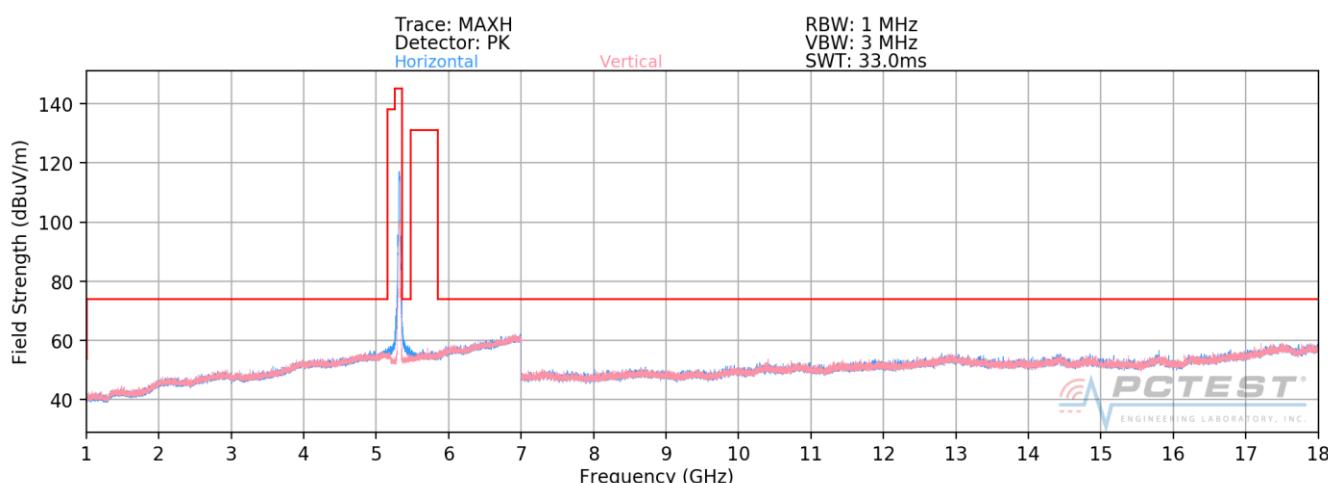
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 133 of 206	



Plot 7-182. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2A Ch. 52)



Plot 7-183. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2A Ch. 56)

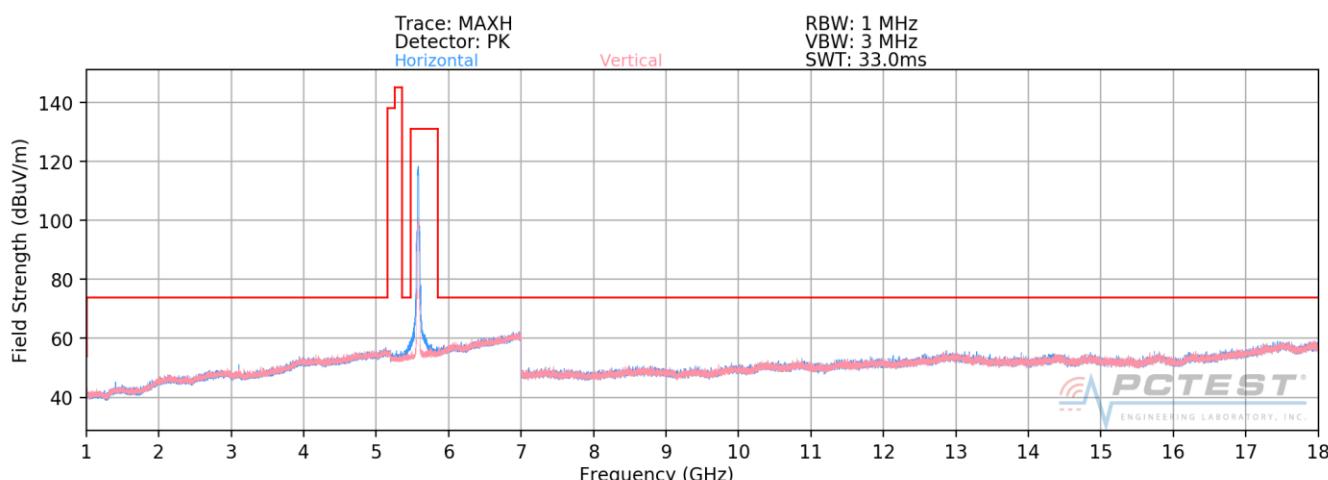


Plot 7-184. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2A Ch. 64)

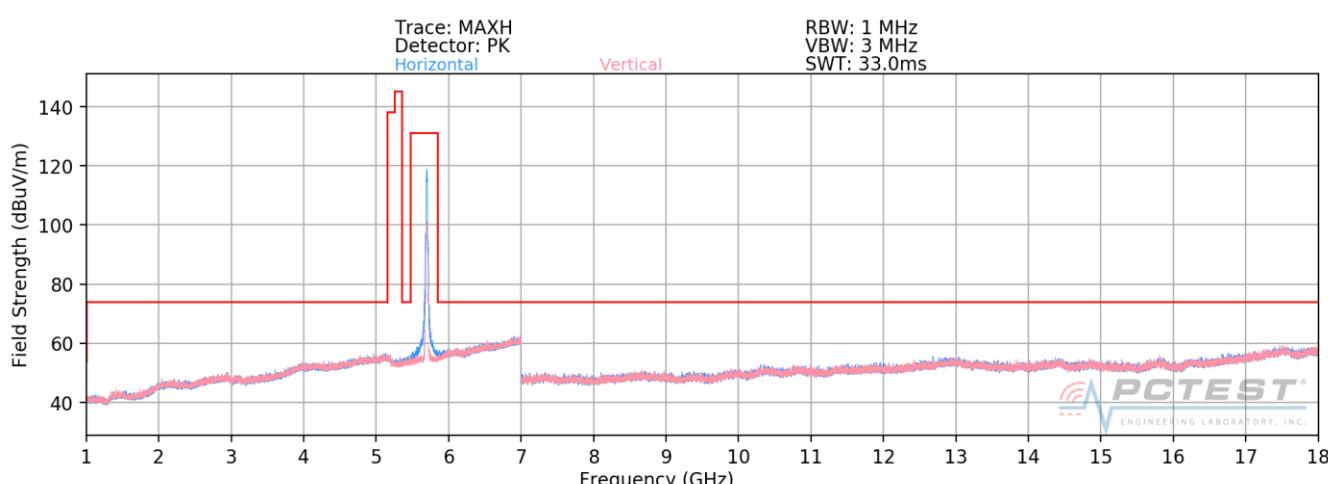
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device		Page 134 of 206



Plot 7-185. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2C Ch. 100)

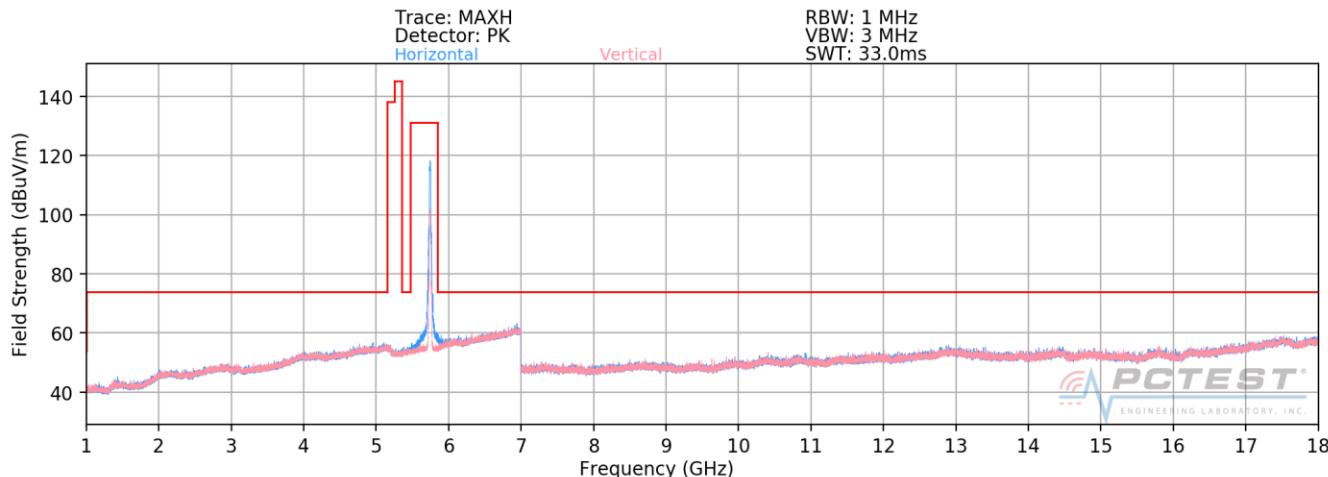


Plot 7-186. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2C Ch. 116)

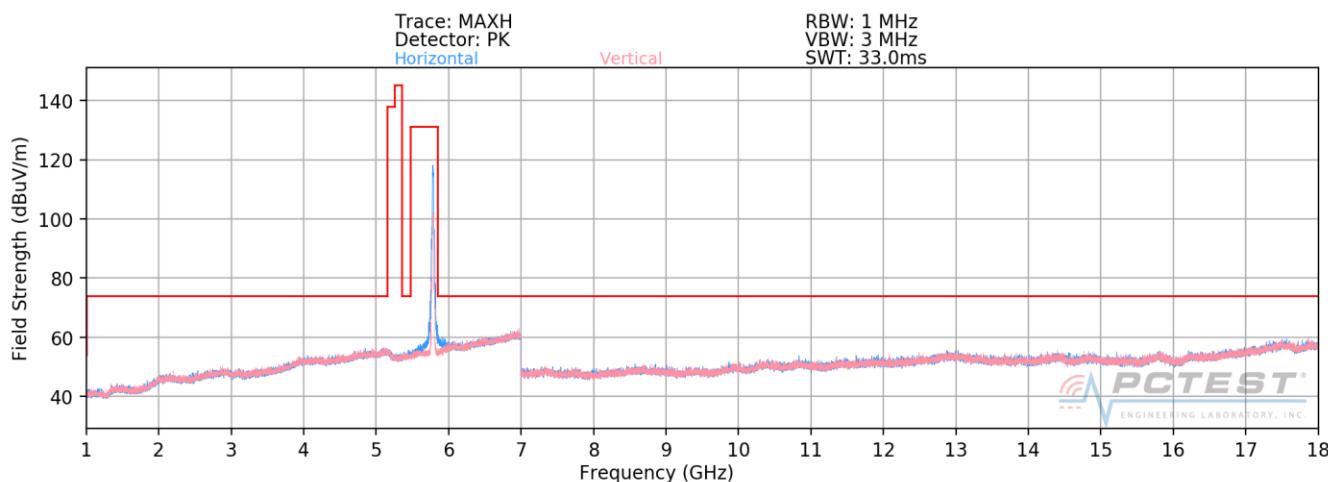


Plot 7-187. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2C Ch. 140)

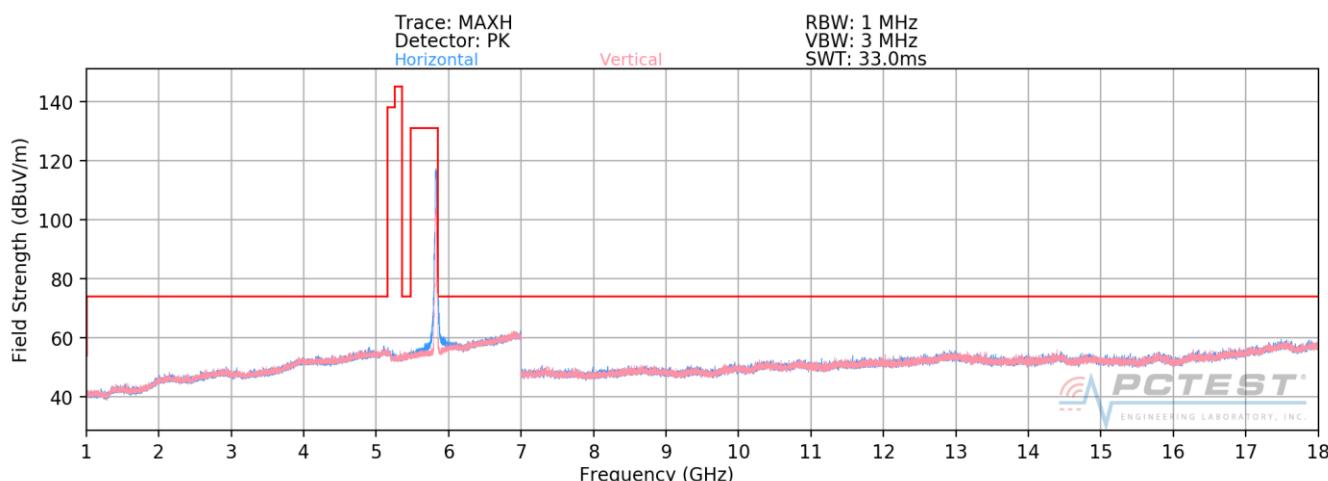
FCC ID: BCGA2014	PCTEST ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 135 of 206



Plot 7-188. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U3 Ch. 149)



Plot 7-189. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U3 Ch. 157)



Plot 7-190. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U3 Ch. 165)

FCC ID: BCGA2014	PCTEST ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 136 of 206

SISO CORE-1 Radiated Spurious Emission Measurements

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

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-72.24	17.64	52.40	68.20	-15.80
* 15540.00	Average	H	-	-	-85.23	21.20	42.97	53.98	-11.01
* 15540.00	Peak	H	-	-	-73.75	21.20	54.45	73.98	-19.53

Table 7-46. Radiated Measurements SISO CORE1

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	H	-	-	-72.62	17.67	52.05	68.20	-16.15
* 15600.00	Average	H	-	-	-85.35	21.48	43.13	53.98	-10.85
* 15600.00	Peak	H	-	-	-74.03	21.48	54.45	73.98	-19.53

Table 7-47. Radiated Measurements SISO CORE1

FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)					Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device				Page 137 of 206

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-72.32	17.72	52.40	68.20	-15.80
* 15720.00	Average	H	-	-	-85.38	21.81	43.43	53.98	-10.55
* 15720.00	Peak	H	-	-	-73.88	21.81	54.93	73.98	-19.05

Table 7-48. Radiated Measurements SISO CORE1

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.80	17.92	53.12	68.20	-15.08
* 15780.00	Average	H	-	-	-85.39	23.10	44.71	53.98	-9.27
* 15780.00	Peak	H	-	-	-74.20	23.10	55.90	73.98	-18.08

Table 7-49. Radiated Measurements SISO CORE1

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 138 of 206

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5280MHz
 Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-72.26	17.39	52.13	68.20	-16.07
* 15840.00	Average	H	-	-	-85.56	22.16	43.60	53.98	-10.38
* 15840.00	Peak	H	-	-	-74.31	22.16	54.85	73.98	-19.13

Table 7-50. Radiated Measurements SISO CORE1

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 10640.00	Average	H	-	-	-83.78	17.38	40.60	53.98	-13.38
* 10640.00	Peak	H	-	-	-72.52	17.38	51.86	73.98	-22.12
* 15960.00	Average	H	-	-	-85.39	21.97	43.58	53.98	-10.39
* 15960.00	Peak	H	-	-	-73.81	21.97	55.16	73.98	-18.81

Table 7-51. Radiated Measurements SISO CORE1

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 139 of 206

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11000.00	Average	H	-	-	-84.10	18.00	40.90	53.98	-13.07
*	11000.00	Peak	H	-	-	-72.72	18.00	52.28	73.98	-21.69
	16500.00	Peak	H	-	-	-72.59	21.77	56.18	68.20	-12.02

Table 7-52. Radiated Measurements SISO CORE1

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]	
*	11160.00	Average	H	-	-	-84.34	18.33	40.99	53.98	-12.99
*	11160.00	Peak	H	-	-	-73.16	18.33	52.17	73.98	-21.81
	16740.00	Peak	H	-	-	-72.83	22.62	56.79	68.20	-11.41

Table 7-53. Radiated Measurements SISO CORE1

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 140 of 206

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11400.00	Average	H	-	-	-84.38	19.01	41.63	53.98	-12.35
* 11400.00	Peak	H	-	-	-72.86	19.01	53.15	73.98	-20.83
17100.00	Peak	H	-	-	-73.04	23.09	57.05	68.20	-11.15

Table 7-54. Radiated Measurements SISO CORE1

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11490.00	Average	H	-	-	-84.57	19.13	41.56	53.98	-12.42
* 11490.00	Peak	H	-	-	-72.96	19.13	53.17	73.98	-20.81
17235.00	Peak	H	-	-	-72.56	24.23	58.67	68.20	-9.53

Table 7-55. Radiated Measurements SISO CORE1

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 141 of 206

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11570.00	Average	H	-	-	-85.01	19.62	41.61	53.98	-12.37
* 11570.00	Peak	H	-	-	-73.93	19.62	52.69	73.98	-21.29
17355.00	Peak	H	-	-	-73.75	25.09	58.34	68.20	-9.86

Table 7-56. Radiated Measurements SISO CORE1

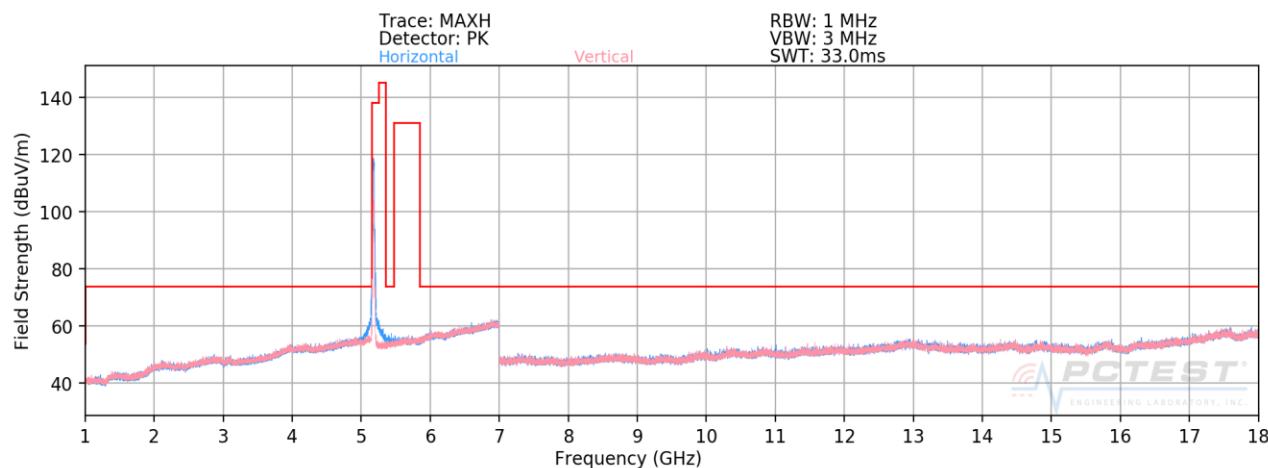
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11650.00	Average	H	-	-	-84.98	19.35	41.37	53.98	-12.61
* 11650.00	Peak	H	-	-	-73.20	19.35	53.15	73.98	-20.83
17475.00	Peak	H	-	-	-73.23	25.25	59.02	68.20	-9.18

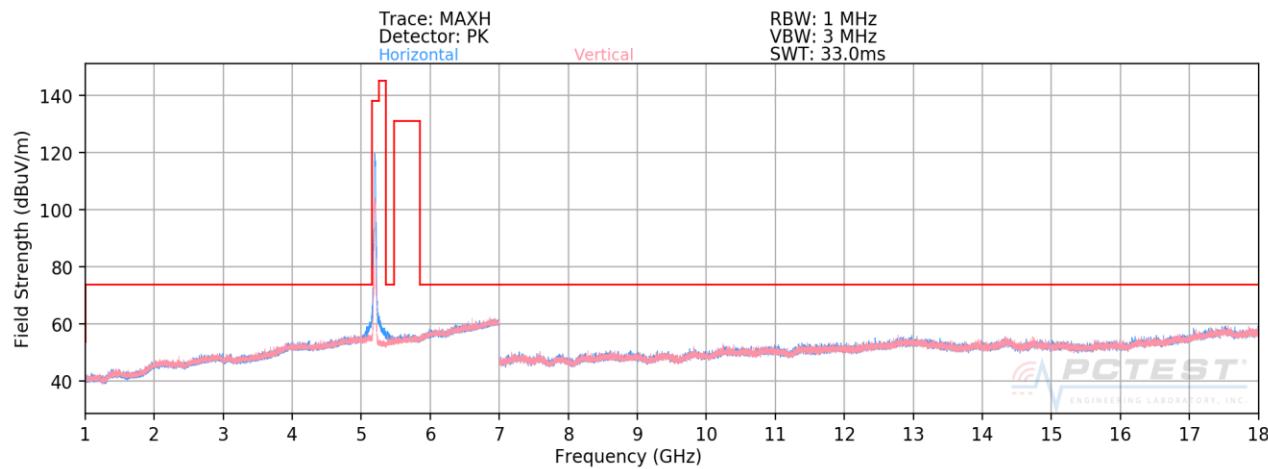
Table 7-57. Radiated Measurements SISO CORE1

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 142 of 206

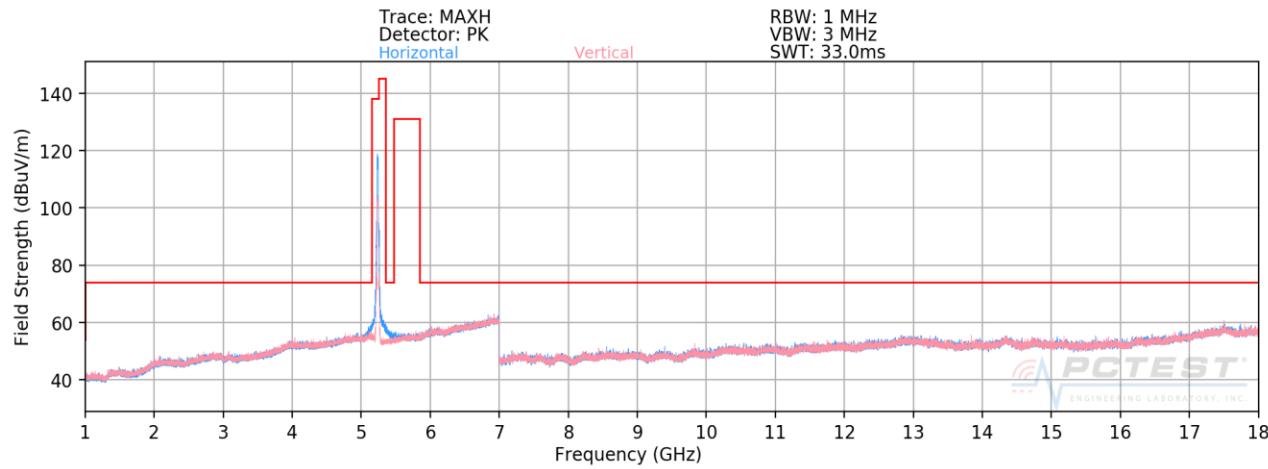
7.6.3 CDD Radiated Spurious Emission Measurements



Plot 7-191. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 36)

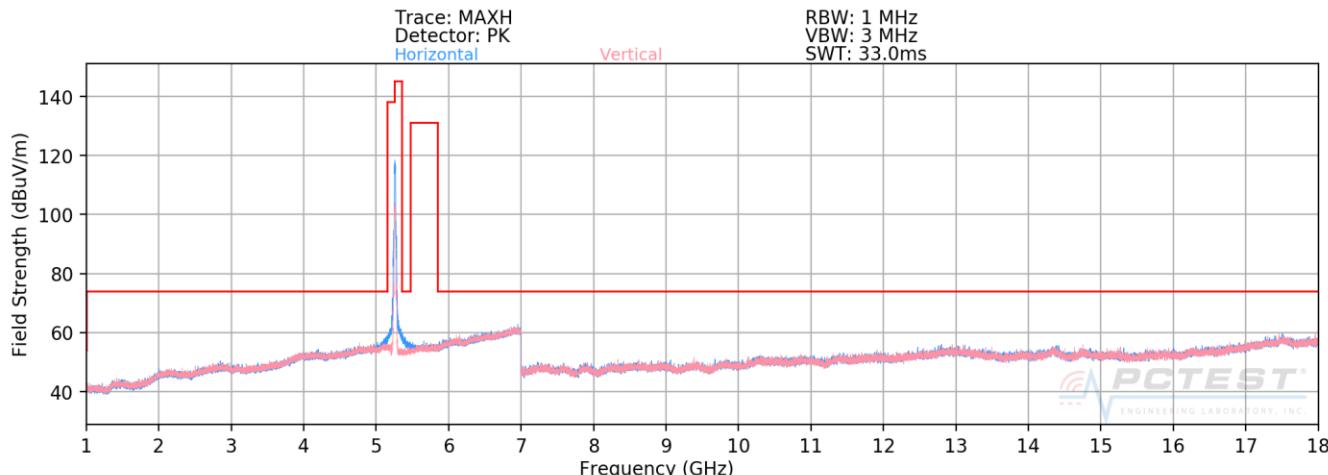


Plot 7-192. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 40)

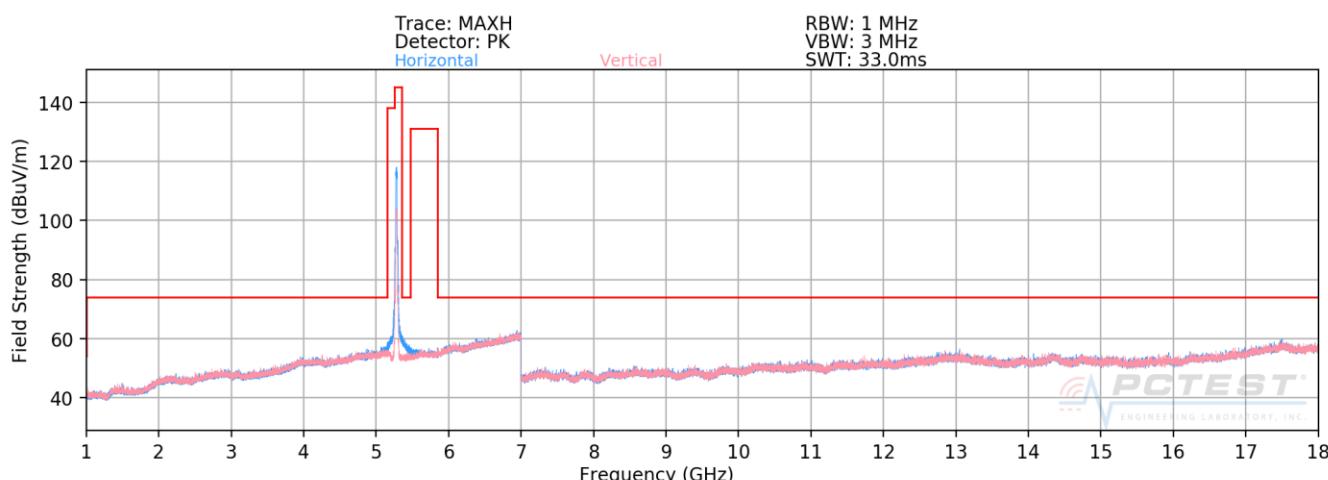


Plot 7-193. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 48)

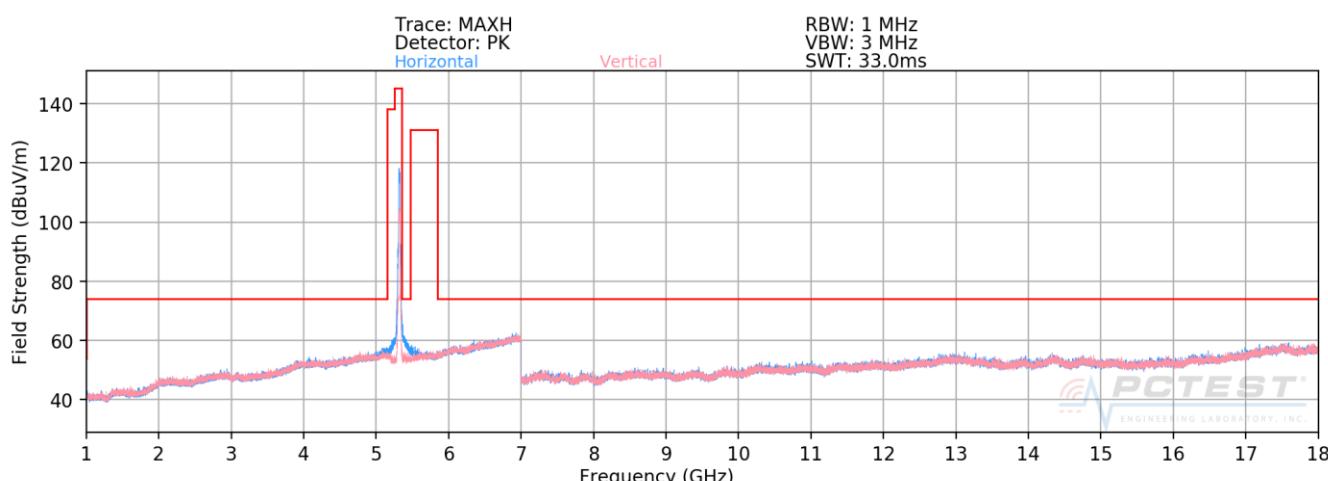
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 143 of 206	



Plot 7-194. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 52)

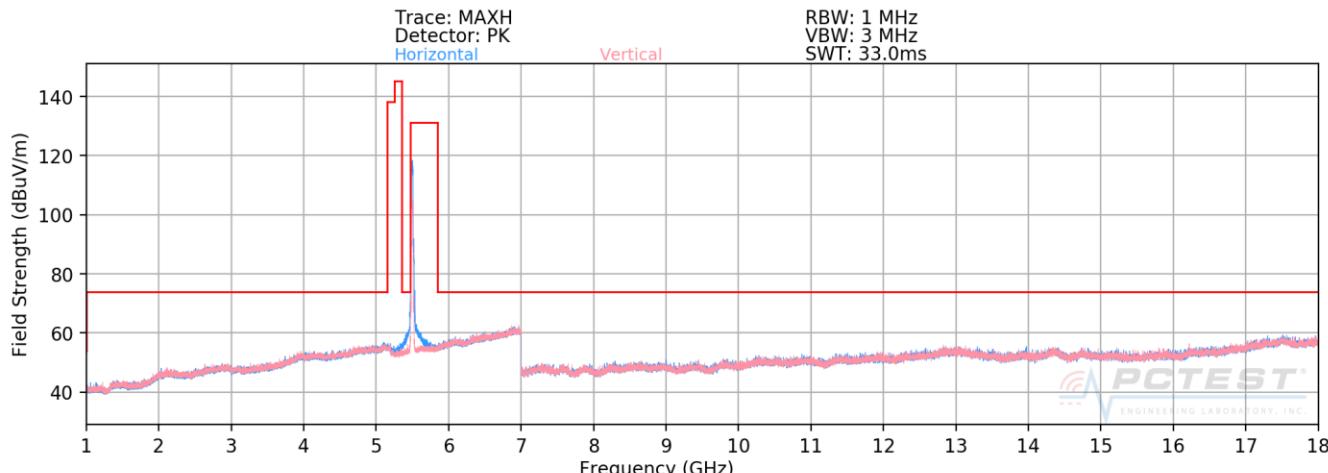


Plot 7-195. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 56)

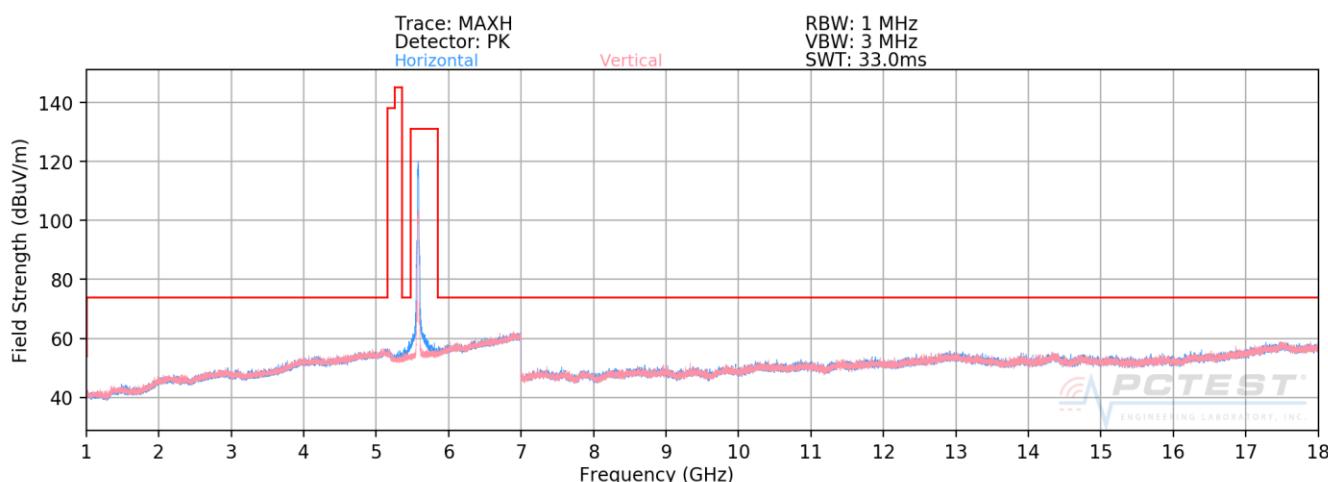


Plot 7-196. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 64)

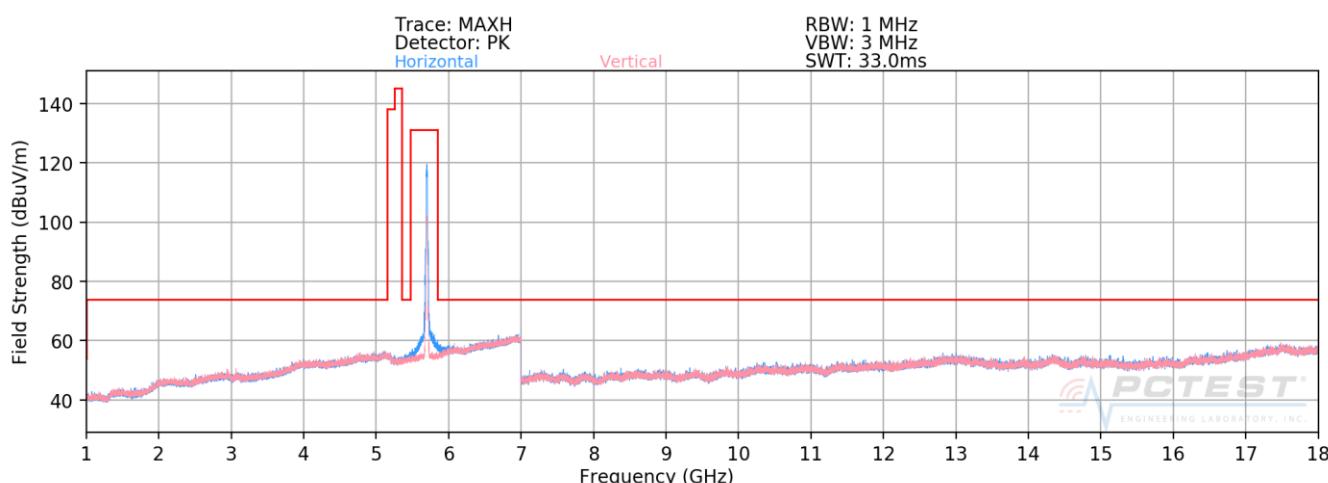
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device		Page 144 of 206



Plot 7-197. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 100)



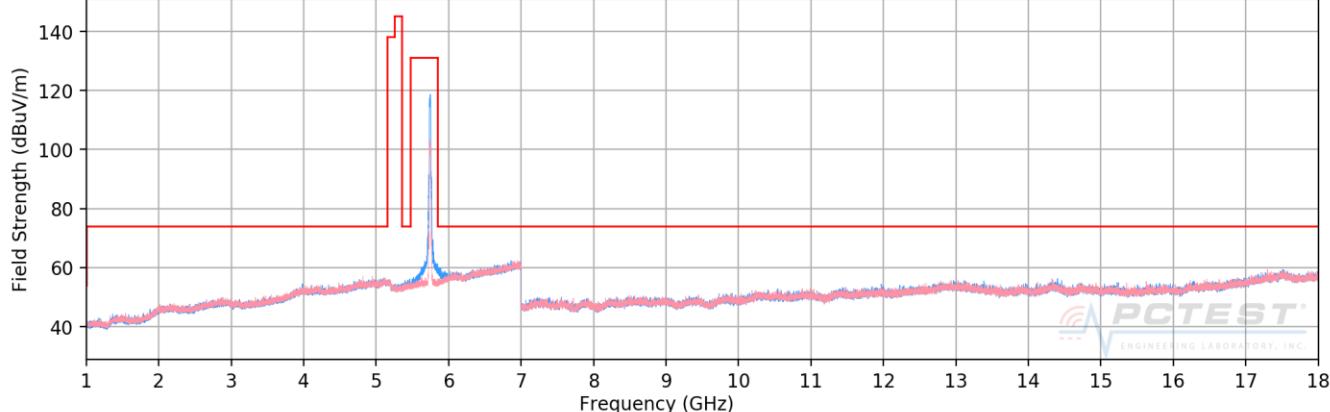
Plot 7-198. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 116)



Plot 7-199. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 140)

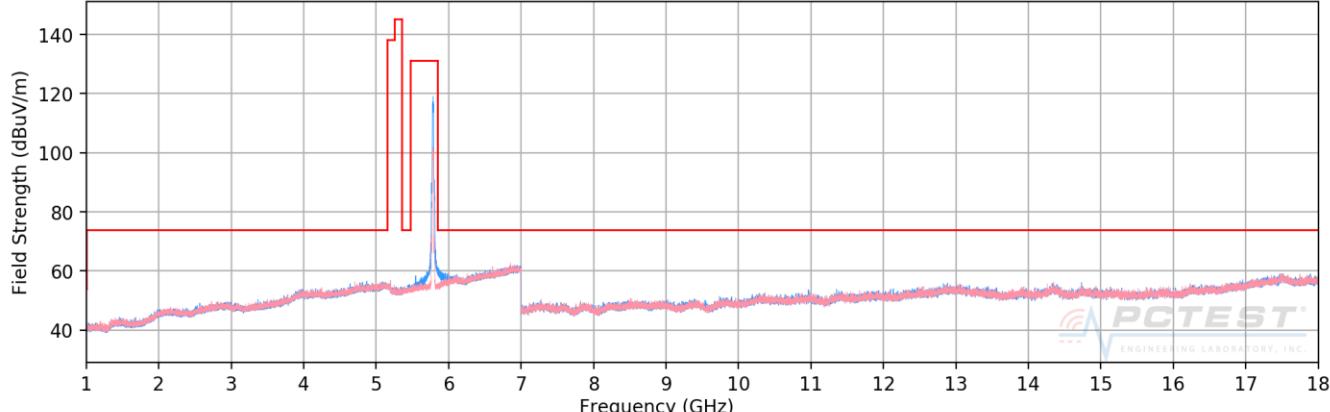
FCC ID: BCGA2014	PCTEST ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 145 of 206

Trace: MAXH
Detector: PK
Horizontal Vertical
RBW: 1 MHz
VBW: 3 MHz
SWT: 33.0ms



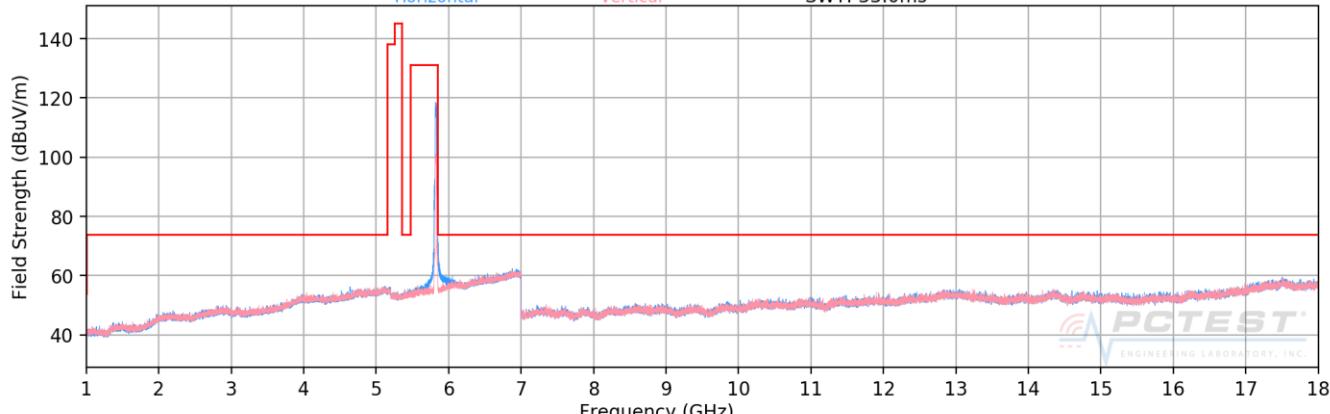
Plot 7-200. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 149)

Trace: MAXH
Detector: PK
Horizontal Vertical
RBW: 1 MHz
VBW: 3 MHz
SWT: 33.0ms



Plot 7-201. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 157)

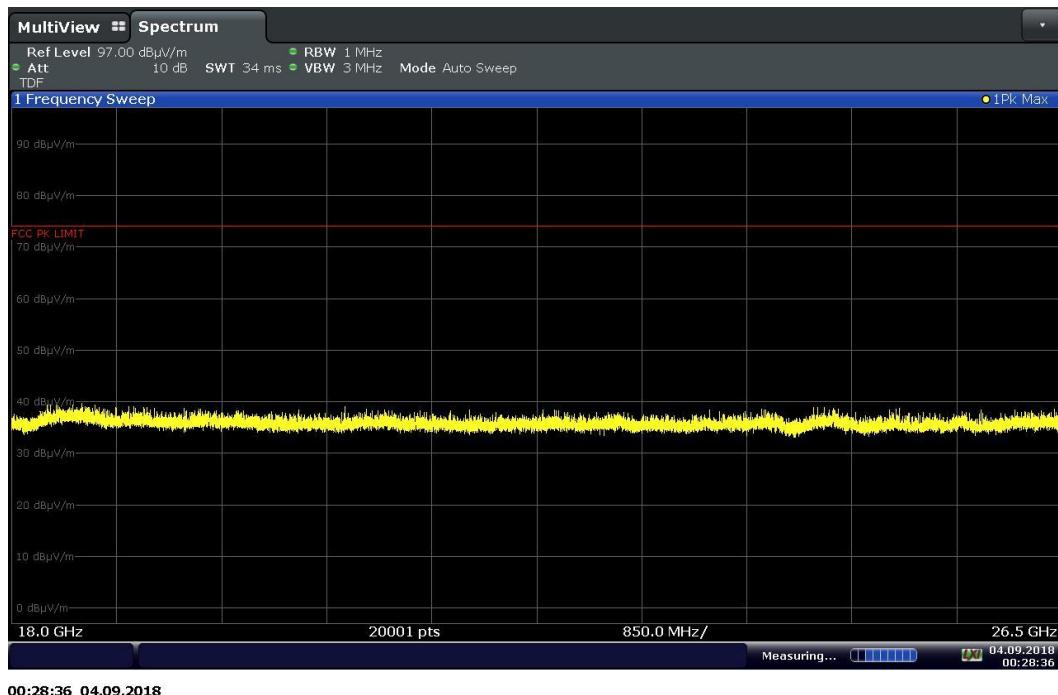
Trace: MAXH
Detector: PK
Horizontal Vertical
RBW: 1 MHz
VBW: 3 MHz
SWT: 33.0ms



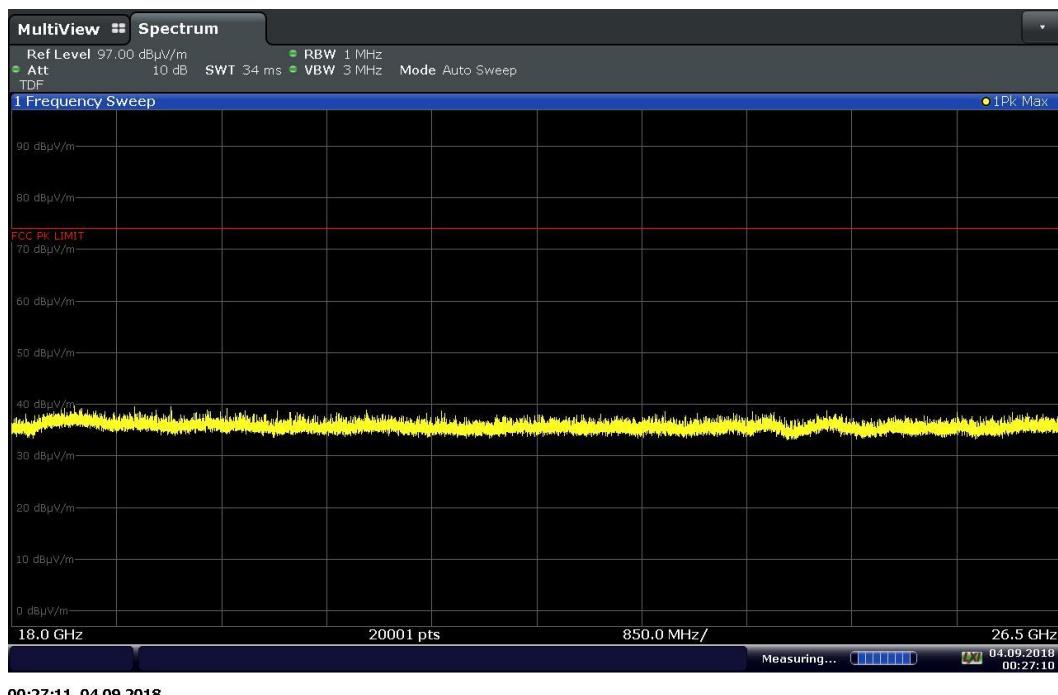
Plot 7-202. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 165)

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 146 of 206	

CDD Radiated Spurious Emissions Measurements (Above 18GHz)

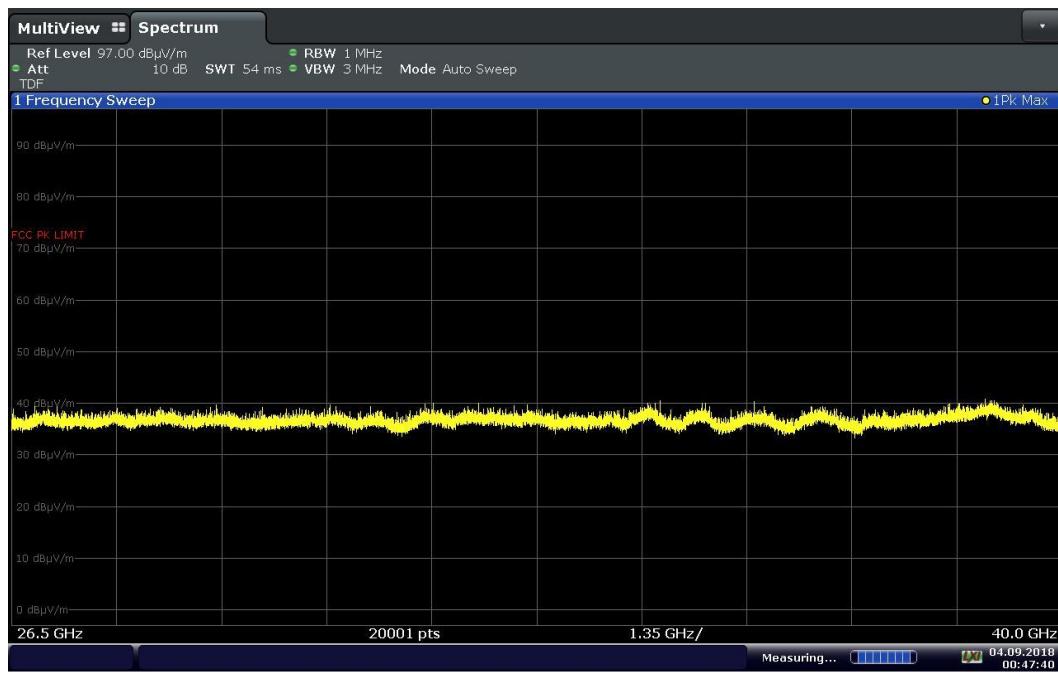


Plot 7-203. Radiated Spurious Plot above 18GHz - 26.5GHz CDD (802.11n Ch. 36, Pol. H)



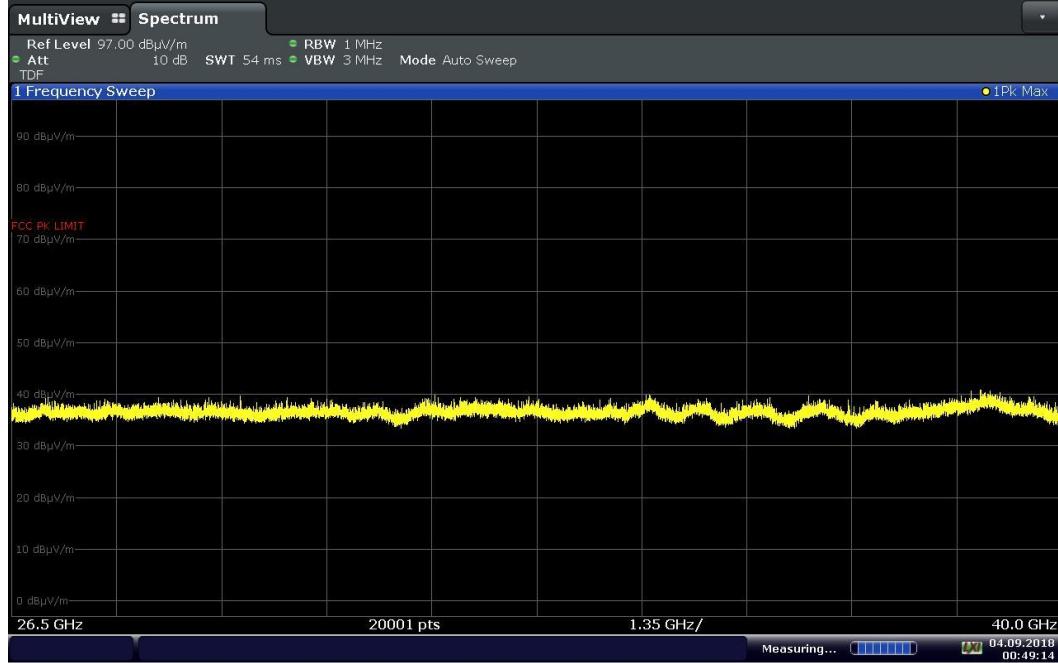
Plot 7-204. Radiated Spurious Plot above 18GHz - 26.5GHz CDD (802.11n Ch. 36, Pol. V)

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 147 of 206



00:47:40 04.09.2018

Plot 7-205. Radiated Spurious Plot 26.5GHz - 40GHz CDD (802.11n Ch. 36, Pol. H)



00:49:15 04.09.2018

Plot 7-206. Radiated Spurious Plot 26.5GHz - 40GHz CDD (802.11n Ch. 36, Pol. V)

FCC ID: BCGA2014	PCTEST ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 148 of 206	

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-72.32	17.64	52.32	68.20	-15.88
* 15540.00	Average	H	-	-	-85.58	21.20	42.62	53.98	-11.36
* 15540.00	Peak	H	-	-	-73.57	21.20	54.63	73.98	-19.35

Table 7-58. 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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	H	-	-	-72.22	17.67	52.45	68.20	-15.75
* 15600.00	Average	H	-	-	-85.78	21.48	42.70	53.98	-11.28
* 15600.00	Peak	H	-	-	-74.13	21.48	54.35	73.98	-19.63

Table 7-59. Radiated Measurements CDD

FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 149 of 206

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-73.74	17.72	50.98	68.20	-17.22
* 15720.00	Average	H	-	-	-85.78	21.81	43.03	53.98	-10.95
* 15720.00	Peak	H	-	-	-73.63	21.81	55.18	73.98	-18.80

Table 7-60. 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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-72.22	17.92	52.70	68.20	-15.50
* 15780.00	Average	H	-	-	-85.75	23.10	44.35	53.98	-9.63
* 15780.00	Peak	H	-	-	-73.97	23.10	56.13	73.98	-17.85

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 150 of 206

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5280MHz
 Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-71.70	17.39	52.69	68.20	-15.51
* 15840.00	Average	H	-	-	-85.99	22.16	43.17	53.98	-10.81
* 15840.00	Peak	H	-	-	-74.03	22.16	55.13	73.98	-18.85

Table 7-62. 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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 10640.00	Average	H	-	-	-84.23	17.38	40.15	53.98	-13.83
* 10640.00	Peak	H	-	-	-72.41	17.38	51.97	73.98	-22.01
* 15960.00	Average	H	-	-	-85.35	21.97	43.62	53.98	-10.35
* 15960.00	Peak	H	-	-	-84.24	21.97	44.73	73.98	-29.24

Table 7-63. Radiated Measurements CDD

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 151 of 206

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11000.00	Average	H	-	-	-84.10	18.00	40.90	53.98	-13.07
* 11000.00	Peak	H	-	-	-72.72	18.00	52.28	73.98	-21.69
16500.00	Peak	H	-	-	-72.59	21.77	56.18	68.20	-12.02

Table 7-64. 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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11160.00	Average	H	-	-	-84.34	18.33	40.99	53.98	-12.99
* 11160.00	Peak	H	-	-	-73.16	18.33	52.17	73.98	-21.81
16740.00	Peak	H	-	-	-72.83	22.62	56.79	68.20	-11.41

Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 152 of 206

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11400.00	Average	H	-	-	-84.38	19.01	41.63	53.98	-12.35
* 11400.00	Peak	H	-	-	-72.86	19.01	53.15	73.98	-20.83
17100.00	Peak	H	-	-	-73.04	23.09	57.05	68.20	-11.15

Table 7-66. 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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11490.00	Average	H	-	-	-84.61	19.13	41.52	53.98	-12.46
* 11490.00	Peak	H	-	-	-73.52	19.13	52.61	73.98	-21.37
17235.00	Peak	H	-	-	-73.26	24.23	57.97	68.20	-10.23

Table 7-67. Radiated Measurements CDD

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 153 of 206

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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11570.00	Average	H	324	119	-84.89	19.62	41.73	53.98	-12.25
* 11570.00	Peak	H	324	119	-73.67	19.62	52.95	73.98	-21.03
17355.00	Peak	H	216	118	-73.37	25.09	58.72	68.20	-9.48

Table 7-68. 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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11650.00	Average	H	111	347	-84.79	19.35	41.56	53.98	-12.42
* 11650.00	Peak	H	111	347	-73.05	19.35	53.30	73.98	-20.68
17475.00	Peak	H	111	347	-74.09	25.25	58.16	68.20	-10.04

Table 7-69. Radiated Measurements CDD

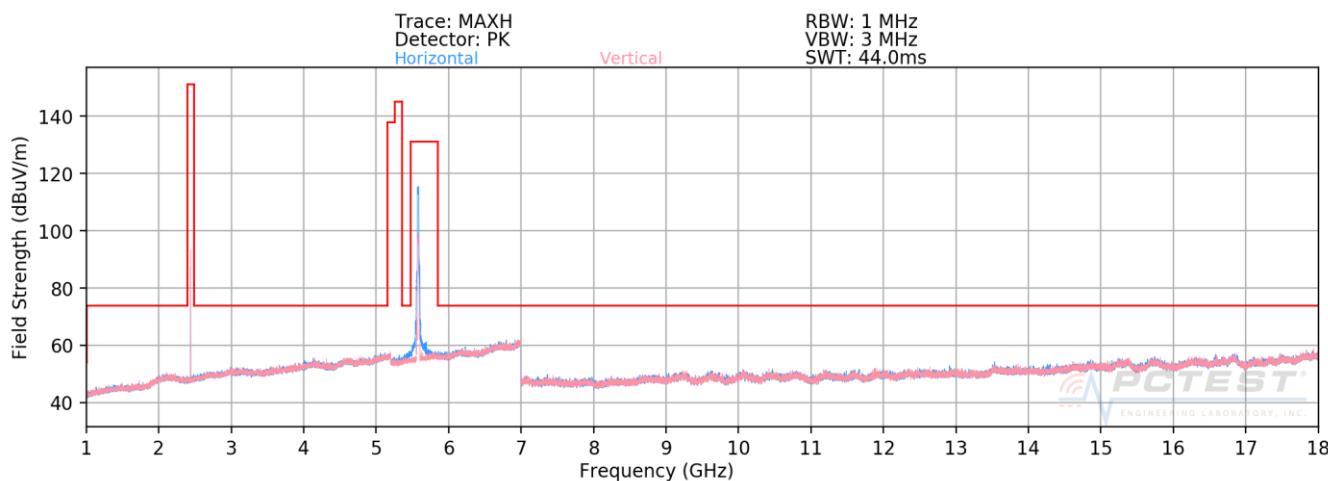
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			Page 154 of 206

Simultaneous Tx Radiated Spurious Emissions Measurements

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

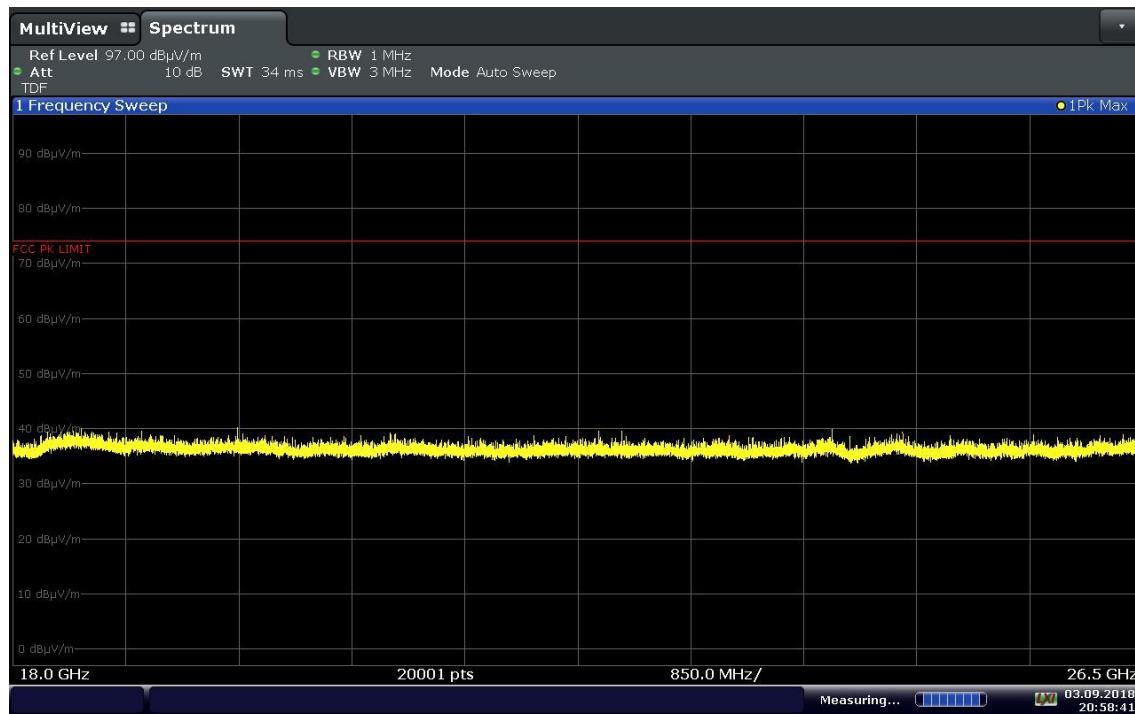
Description	2.4 GHz Emission	5 GHz Emission
Antenna	2	2
Channel	39	116
Operating Frequency (MHz)	2441	5580
Data Rate (Mbps)	GFSK/1Mbps	MCS0
Mode	Bluetooth	UNII

Table 7-70. Worst Case Simultaneous Transmission Config

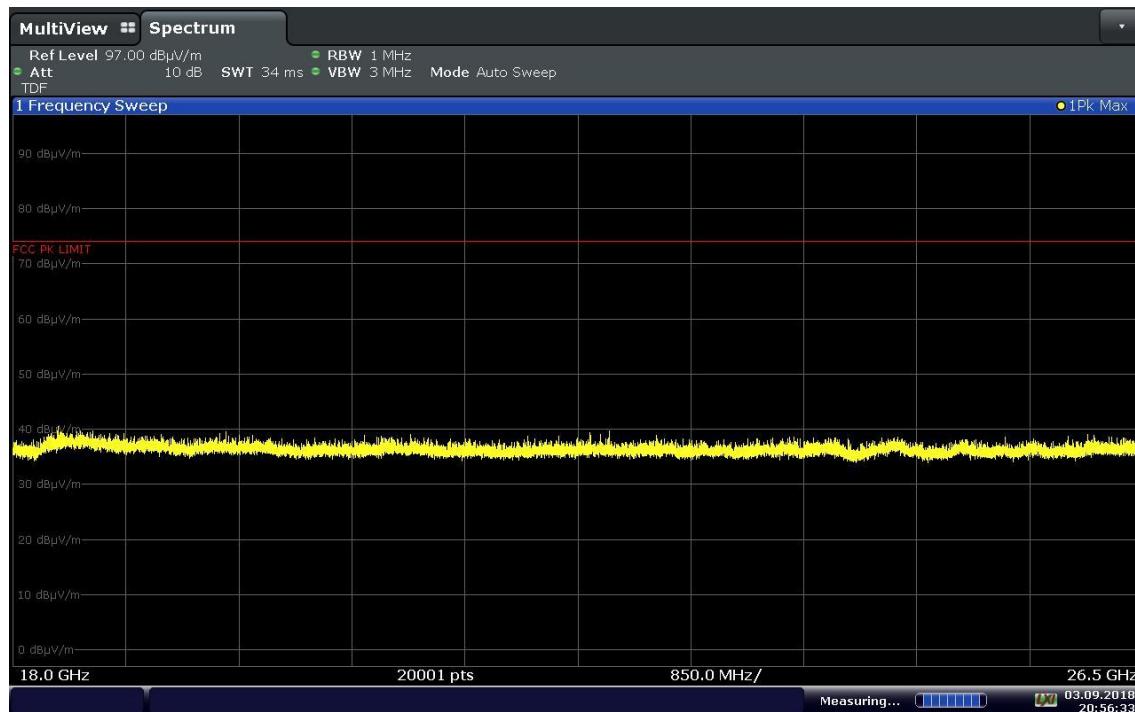


Plot 7-207. Radiated Spurious Plot above 1GHz (2.4GHz – 5GHz)

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 155 of 206



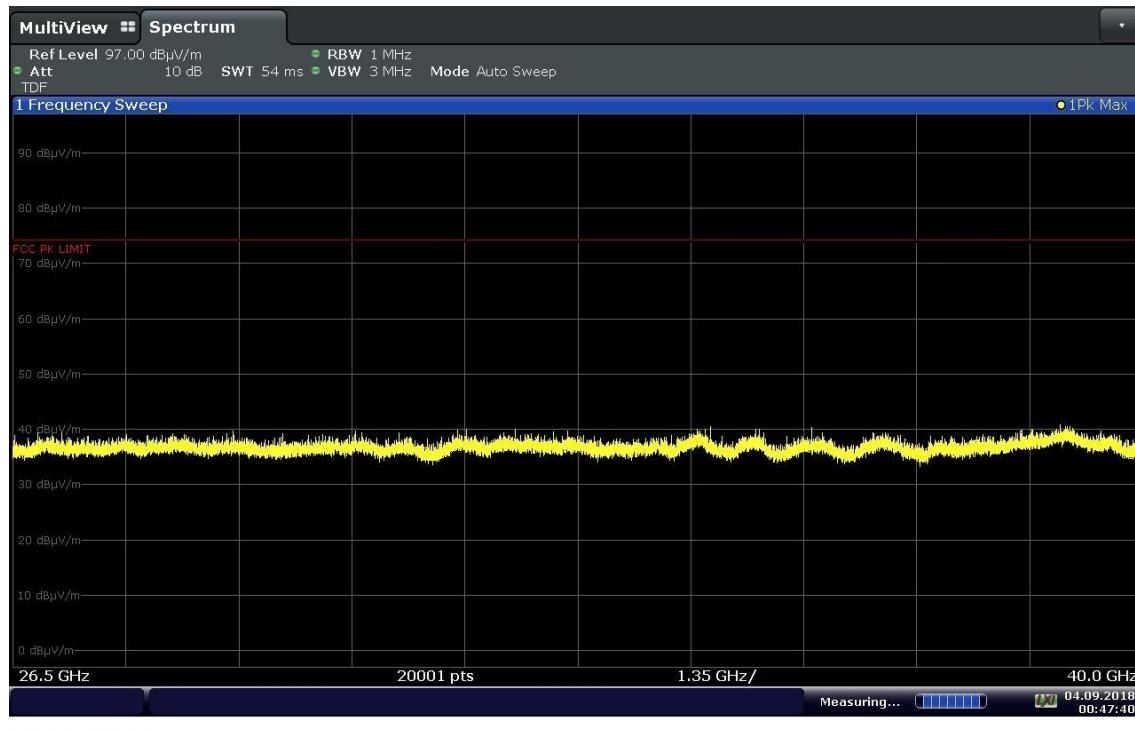
20:58:42 03.09.2018

Plot 7-208. Radiated Spurious Plot 18GHz – 26.5GHz (2.4GHz – 5GHz) Pol. H


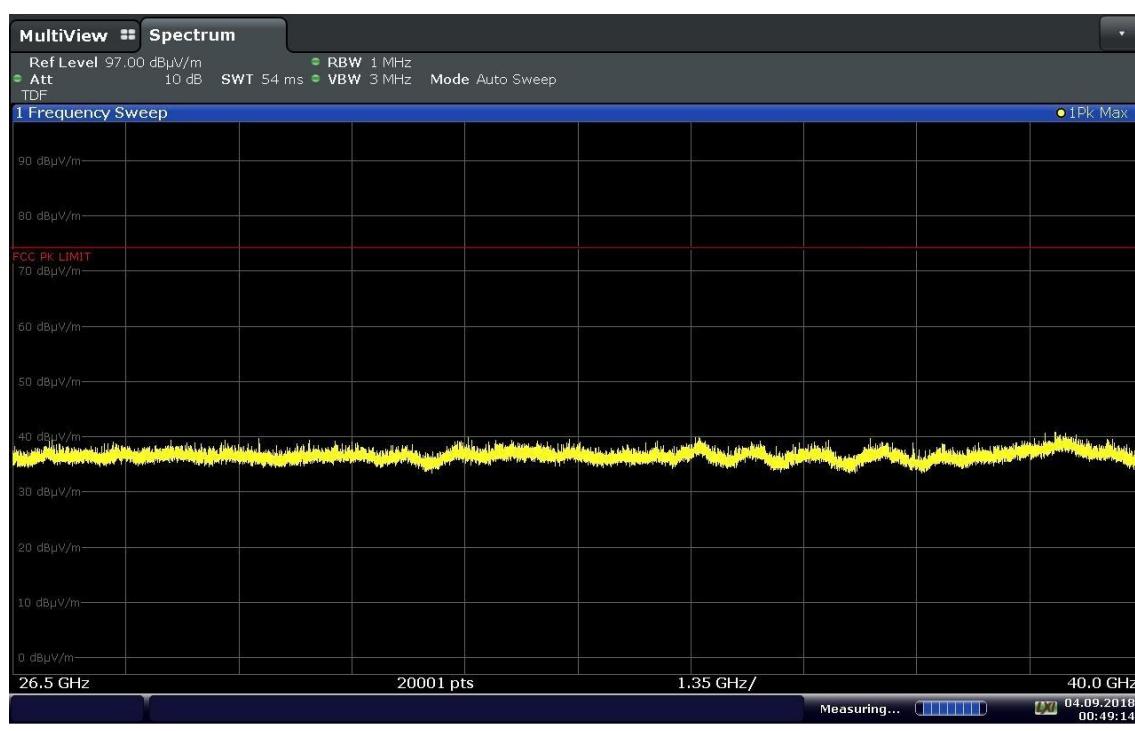
20:56:33 03.09.2018

Plot 7-209. Radiated Spurious Plot 18GHz – 26.5GHz (2.4GHz – 5GHz) Pol. V

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 156 of 206



Plot 7-210. Radiated Spurious Plot above 26.5GHz (2.4GHz – 5GHz) Pol. H



00:49:15 04.09.2018

Plot 7-211. Radiated Spurious Plot above 26.5GHz (2.4GHz – 5GHz) Pol. V

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 157 of 206

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]
4882.00	Avg	H	-	-	-80.41	10.98	37.57	53.98	-16.41
4882.00	Peak	H	-	-	-69.52	10.98	48.46	73.98	-25.52
7323.00	Avg	H	-	-	-79.86	18.47	45.61	53.98	-8.37
7323.00	Peak	H	-	-	-68.90	18.47	56.57	73.98	-17.41
12205.00	Avg	H	-	-	-82.80	26.12	50.32	53.98	-3.66
12205.00	Peak	H	-	-	-72.17	26.12	60.95	73.98	-13.03
11160.00	Avg	H	-	-	-82.34	25.47	50.13	53.98	-3.85
11160.00	Peak	H	-	-	-72.40	25.47	60.07	73.98	-13.91
16740.00	Avg	H	-	-	-89.12	30.79	48.67	53.98	-5.31
16740.00	Peak	H	-	-	-79.59	30.79	58.20	73.98	-15.78
8719.00	Avg	H	-	-	-80.43	21.64	48.21	53.98	-5.77
8719.00	Peak	H	-	-	-72.14	21.64	56.50	73.98	-17.48
11858.00	Avg	H	-	-	-83.06	25.18	49.12	53.98	-4.86
11858.00	Peak	H	-	-	-72.79	25.18	59.39	73.98	-14.59
3837.00	Avg	H	-	-	-79.50	8.01	35.51	53.98	-18.47
3837.00	Peak	H	-	-	-69.26	8.01	45.75	73.98	-28.23

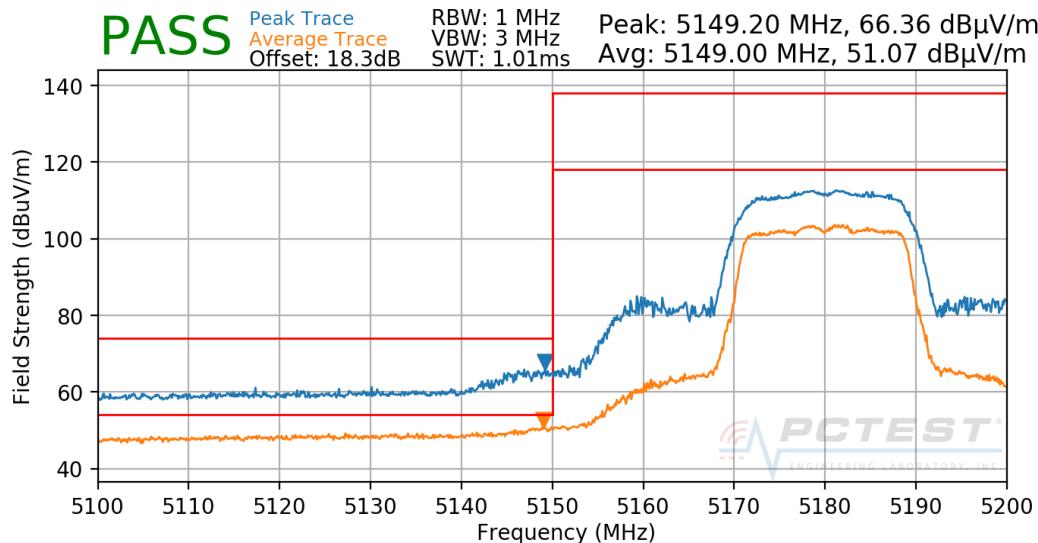
Table 7-71. Radiated Measurements (ANT2 2.4GHz – ANT2 5GHz)

FCC ID: BCGA2014	PCTEST ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device			

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

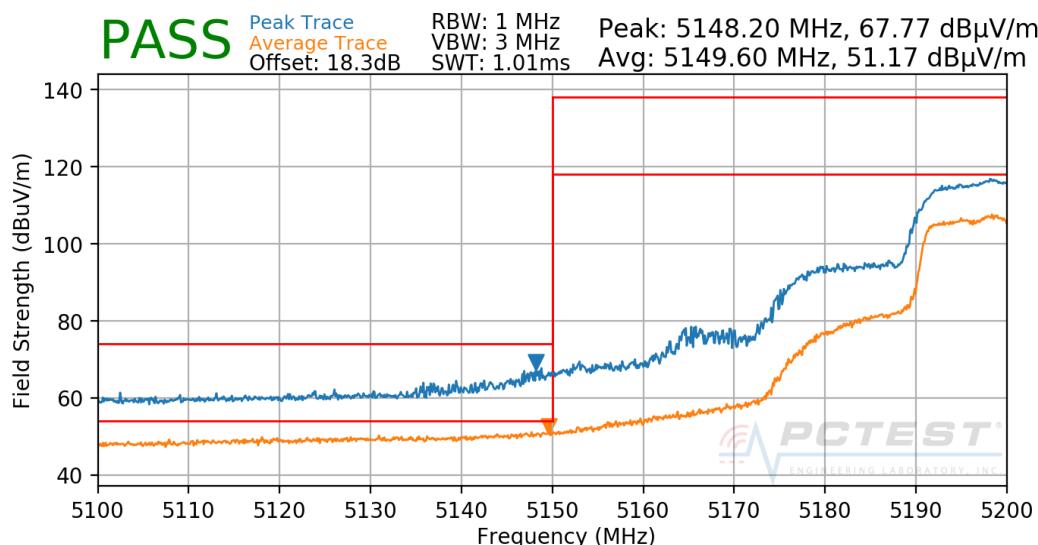
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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



Plot 7-212. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

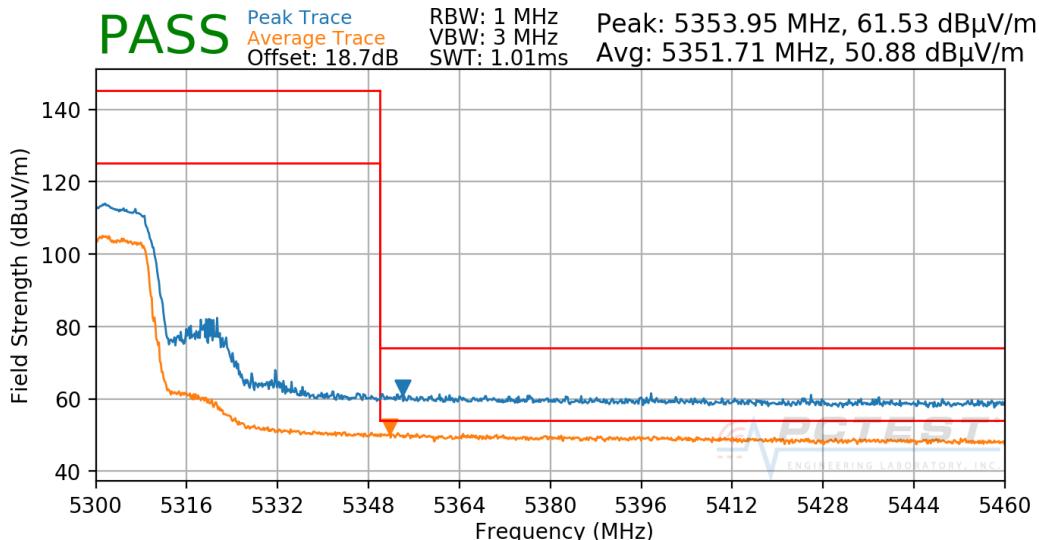
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40



Plot 7-213. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

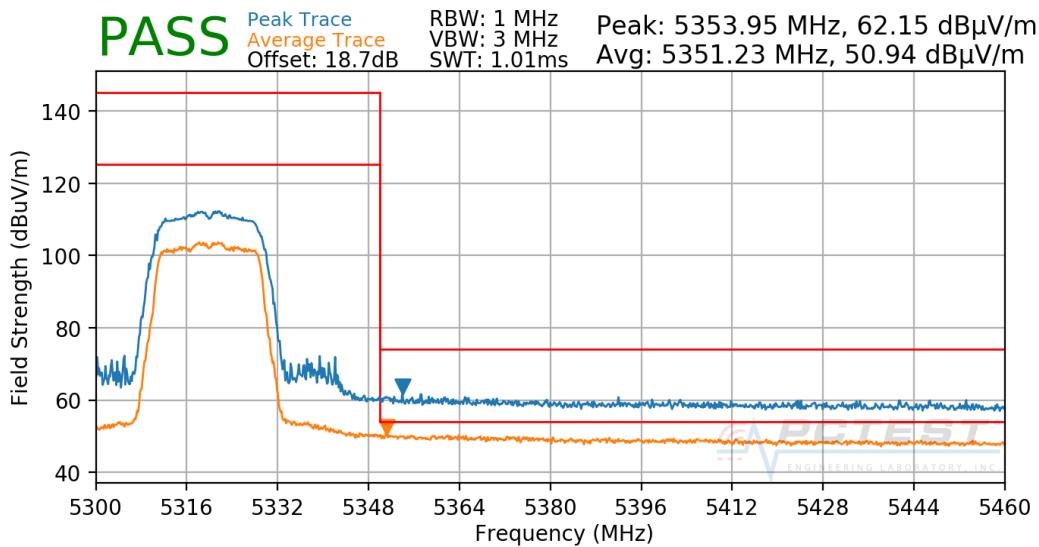
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 159 of 206

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 CORE0 (UNII Band 2A)

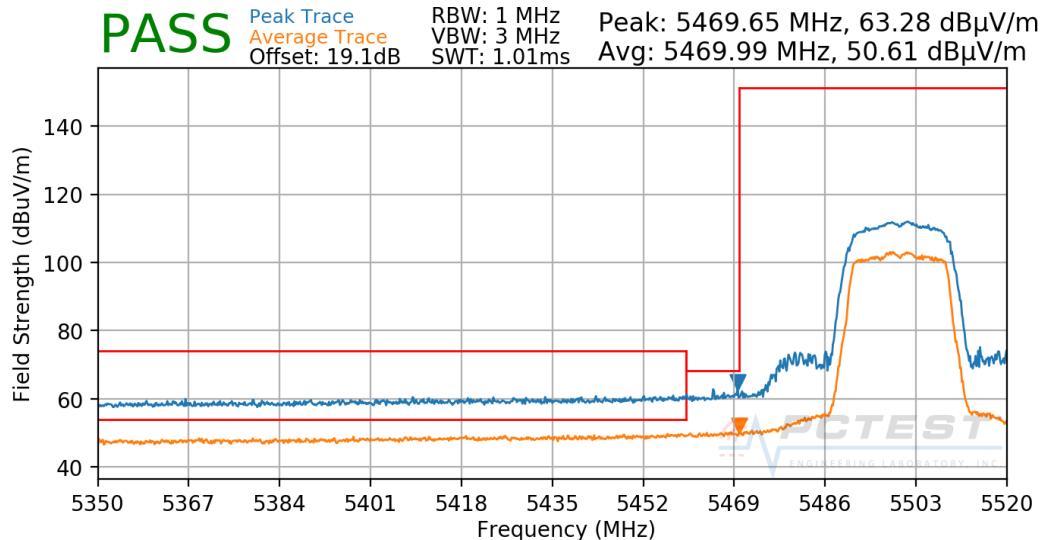
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64



Plot 7-215. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)

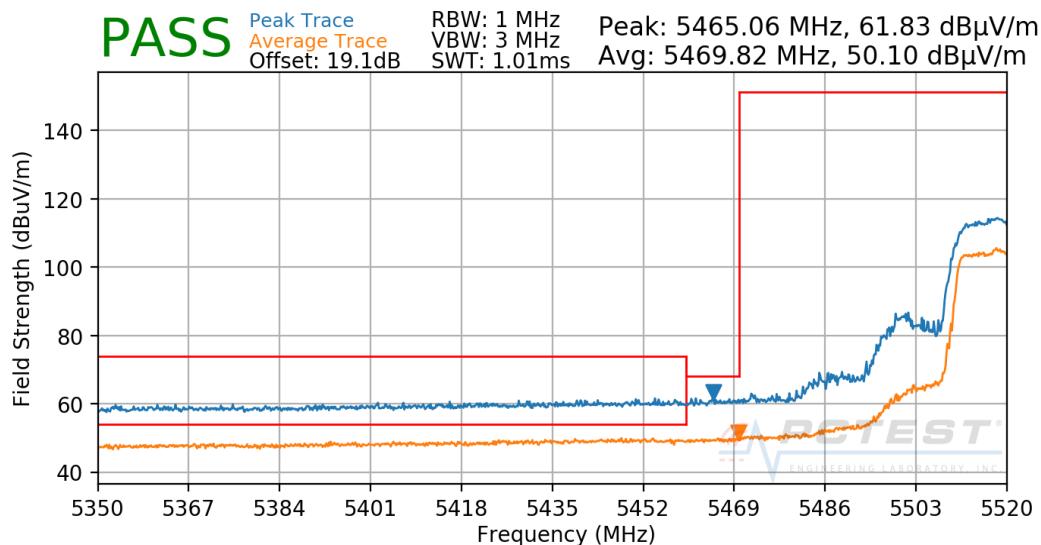
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 160 of 206	

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 CORE0 (UNII Band 2C)

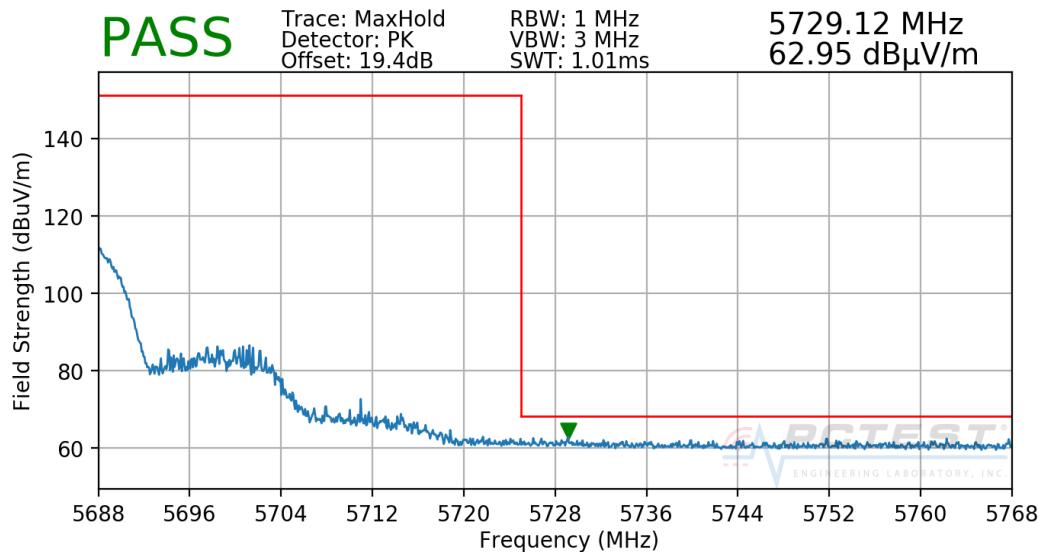
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5520MHz
 Channel: 104



Plot 7-217. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 2C)

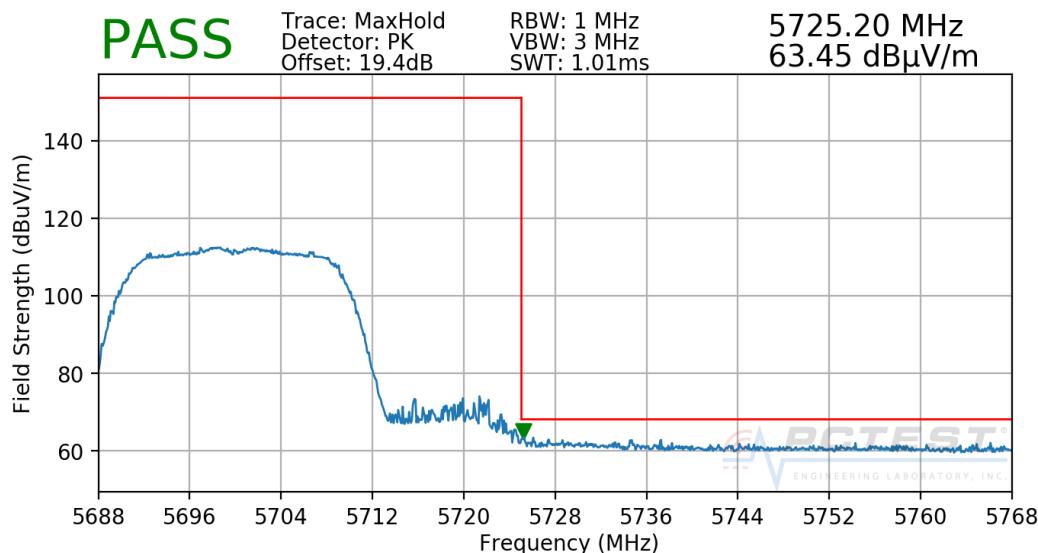
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device		Page 161 of 206

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



Plot 7-218. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 2C)

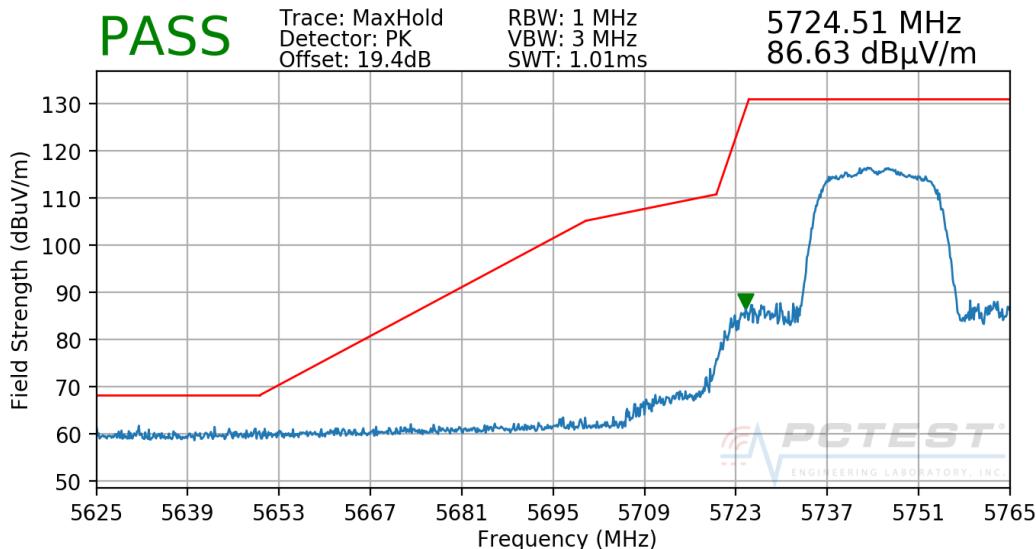
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5700MHz
Channel: 140



Plot 7-219. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 2C)

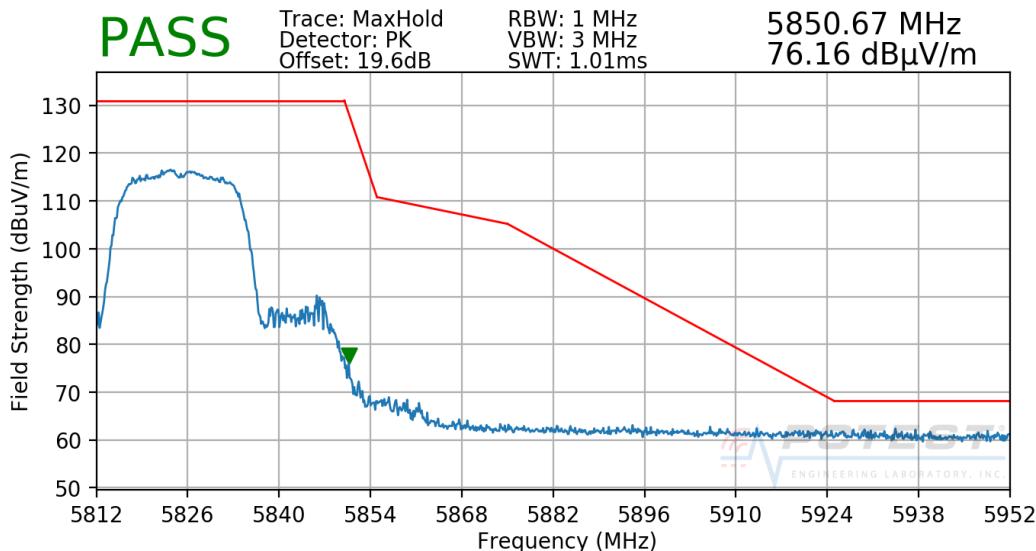
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device		Page 162 of 206

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 CORE0 (Peak – UNII Band 3)

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



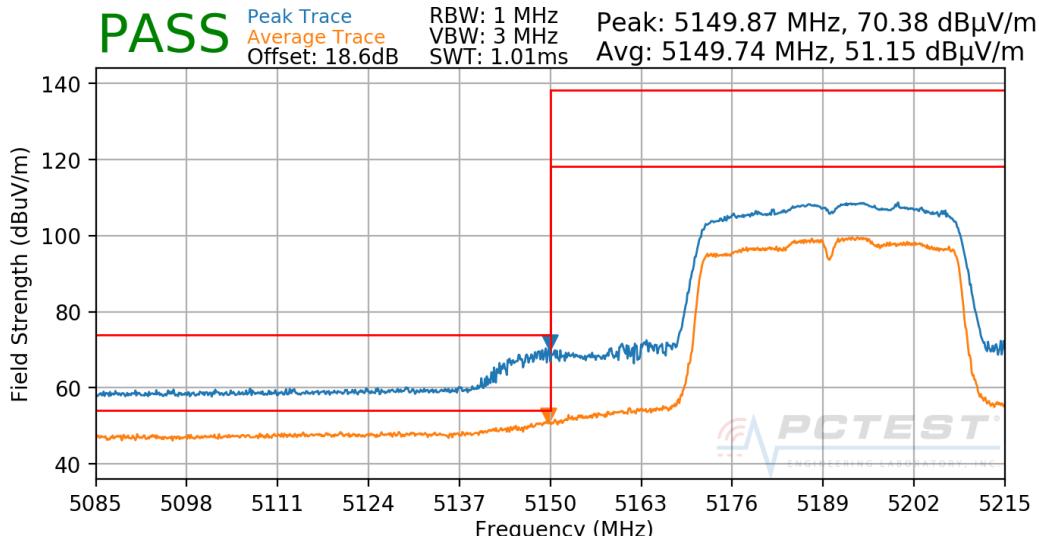
Plot 7-221. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device		Page 163 of 206

7.6.5 SISO Core-0 Radiated Band Edge Measurements (40MHz BW)

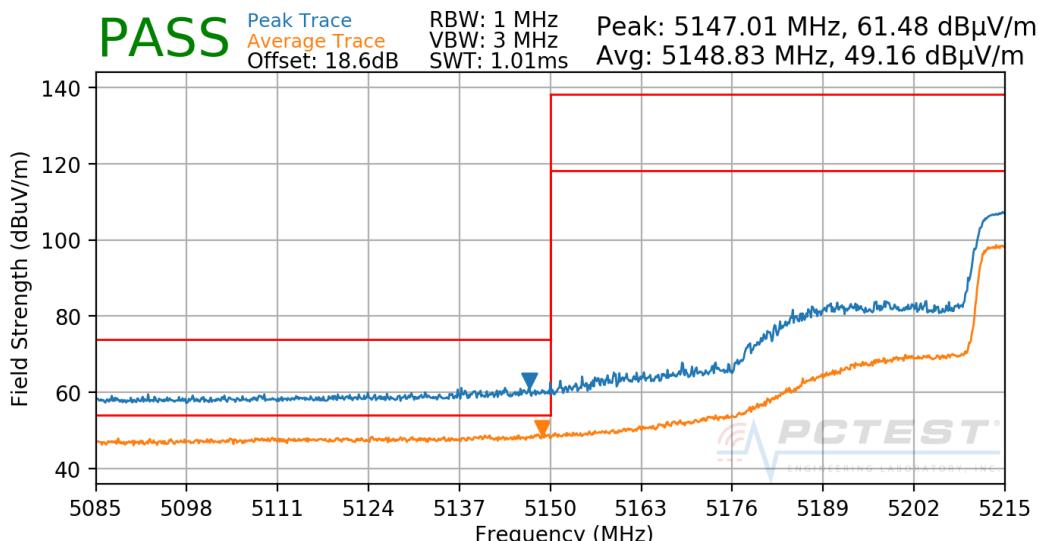
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



Plot 7-222. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

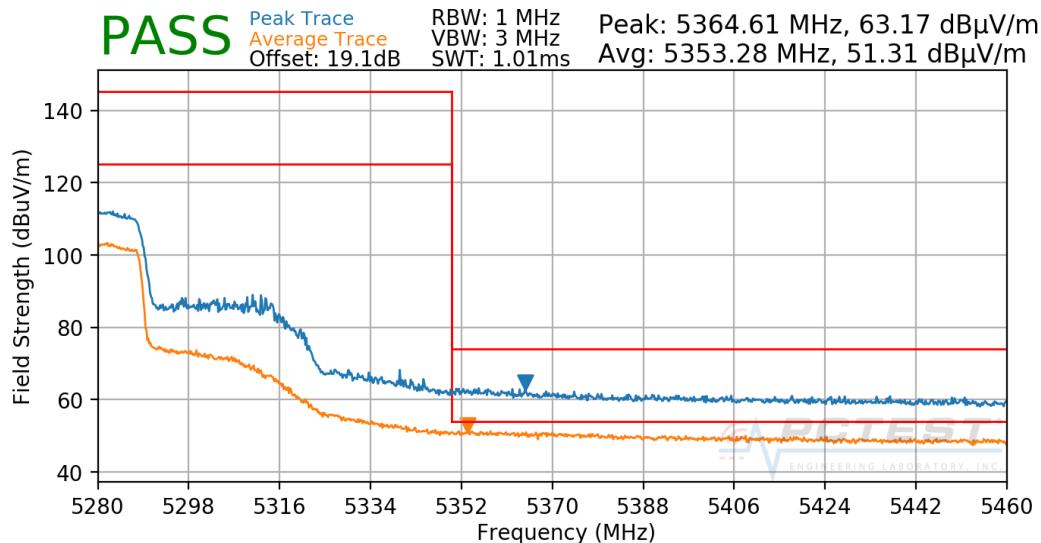
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5230MHz
Channel: 46



Plot 7-223. Radiated Lower Band Edge Plot SISO CORE0 (UNII Band 1)

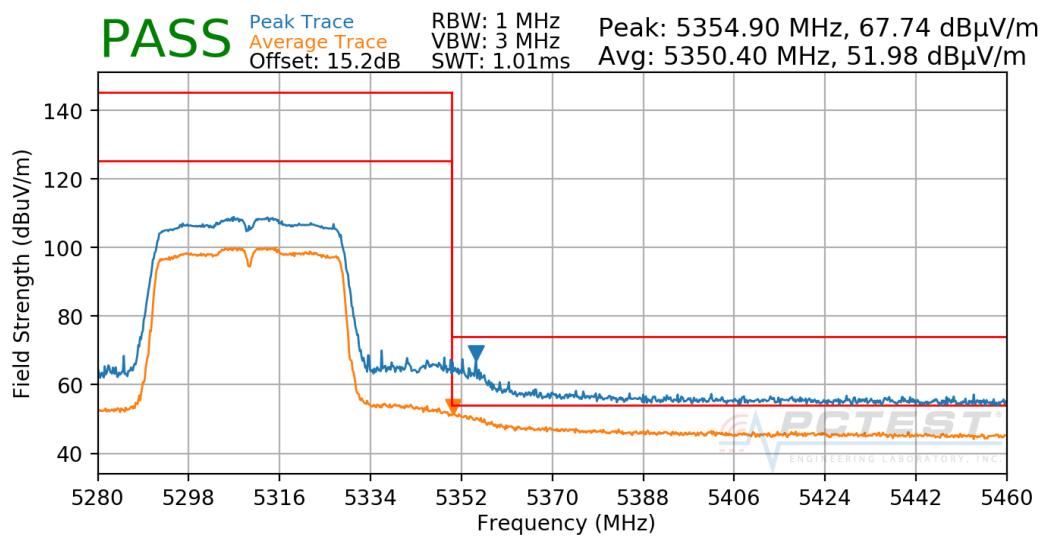
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 164 of 206

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 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 7-225. Radiated Upper Band Edge Plot SISO CORE0 (UNII Band 2A)

FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 165 of 206	