

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	-	-	-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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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	 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 131 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 [dBμV/m]	Limit [dBμV/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

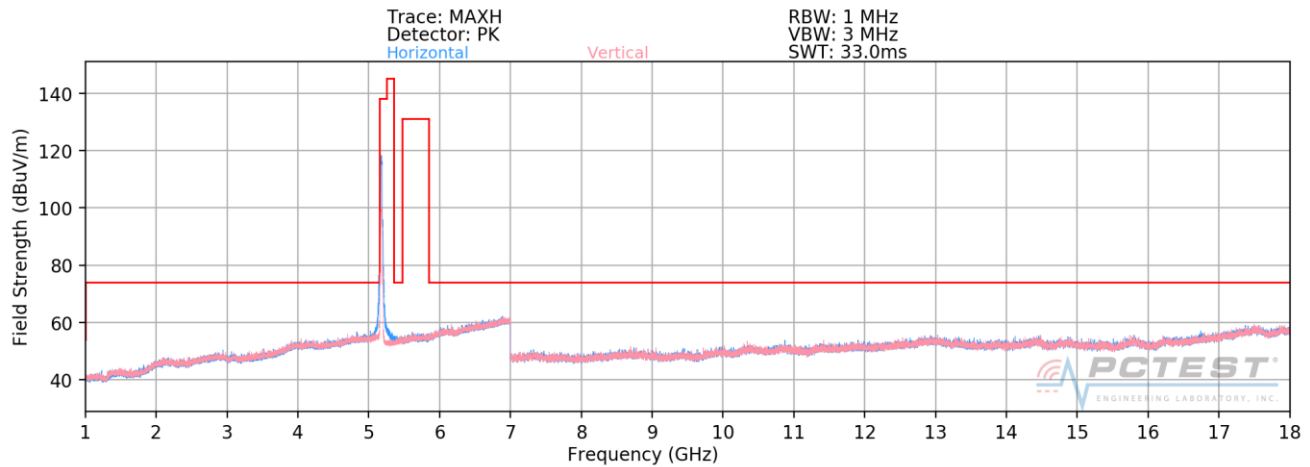
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/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

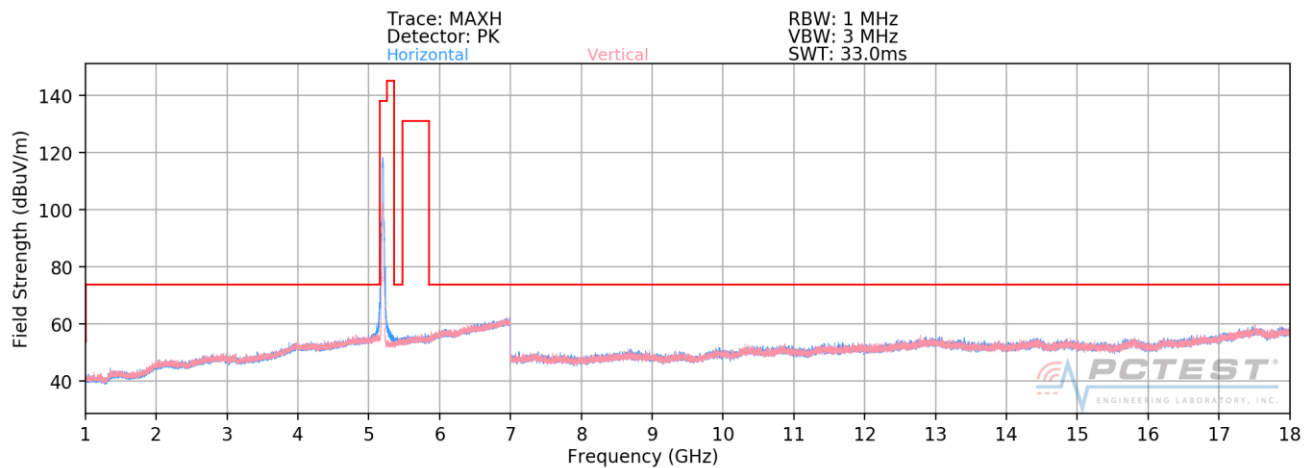
Table 7-45. Radiated Measurements SISO CORE0

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

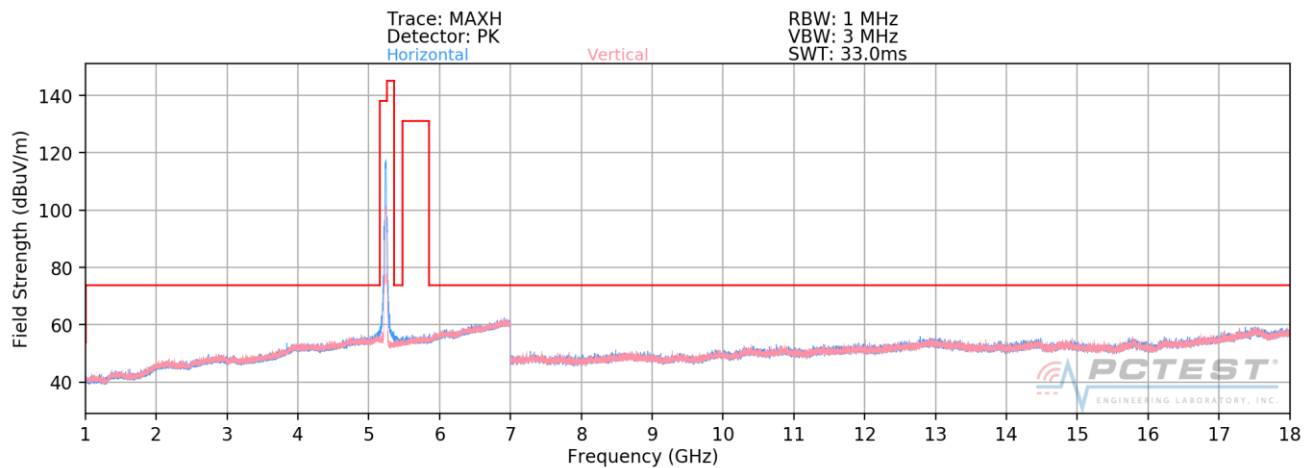
7.6.2 SISO CORE-1 Radiated Spurious Emission Measurements



Plot 7-179. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U1 Ch. 36)

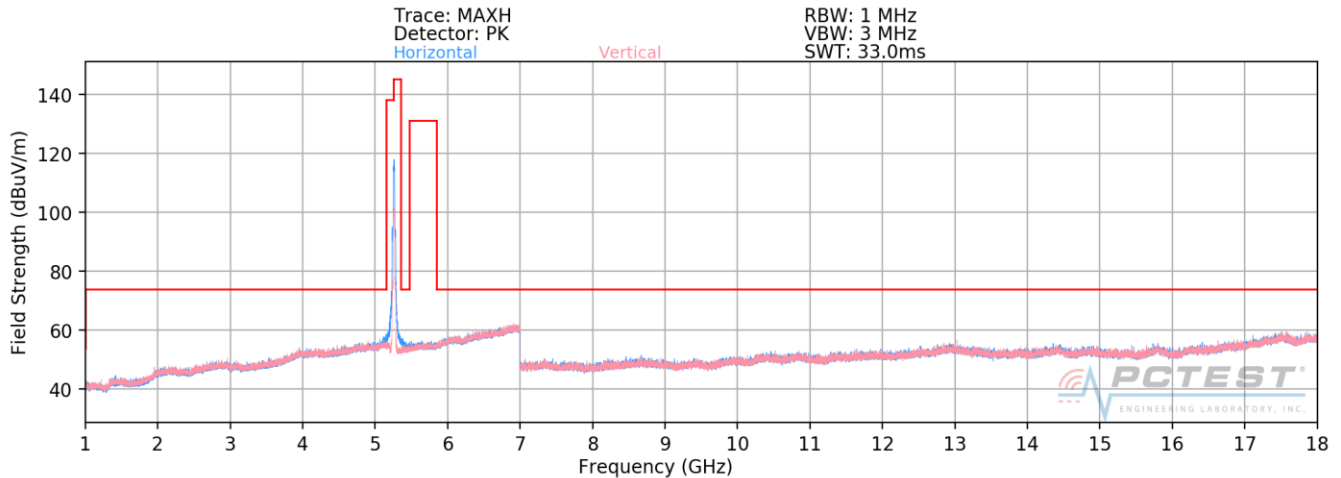


Plot 7-180. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U1 Ch. 40)

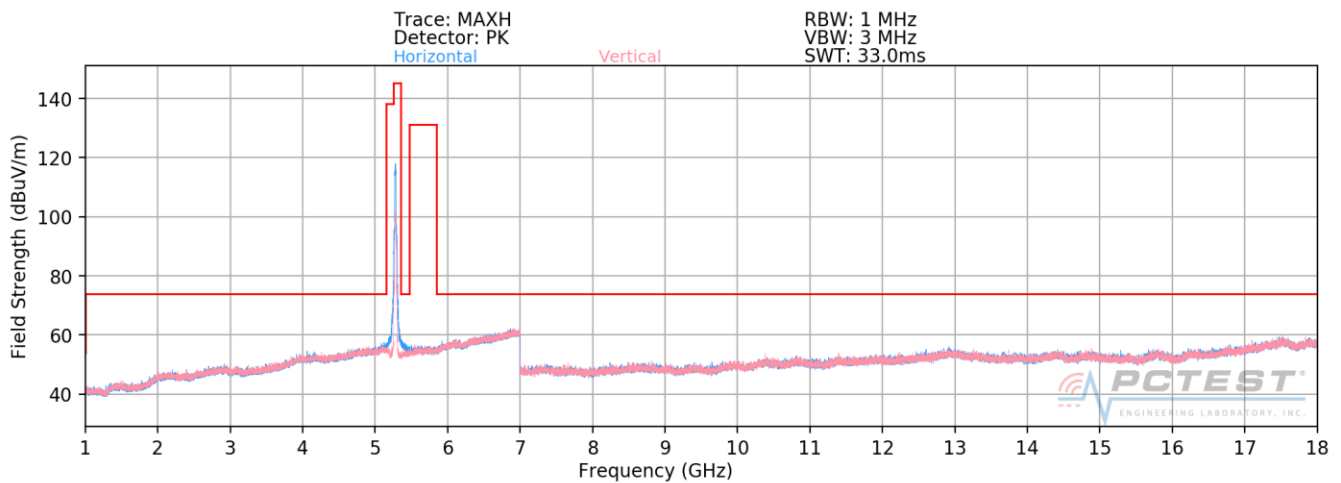


Plot 7-181. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U1 Ch. 48)

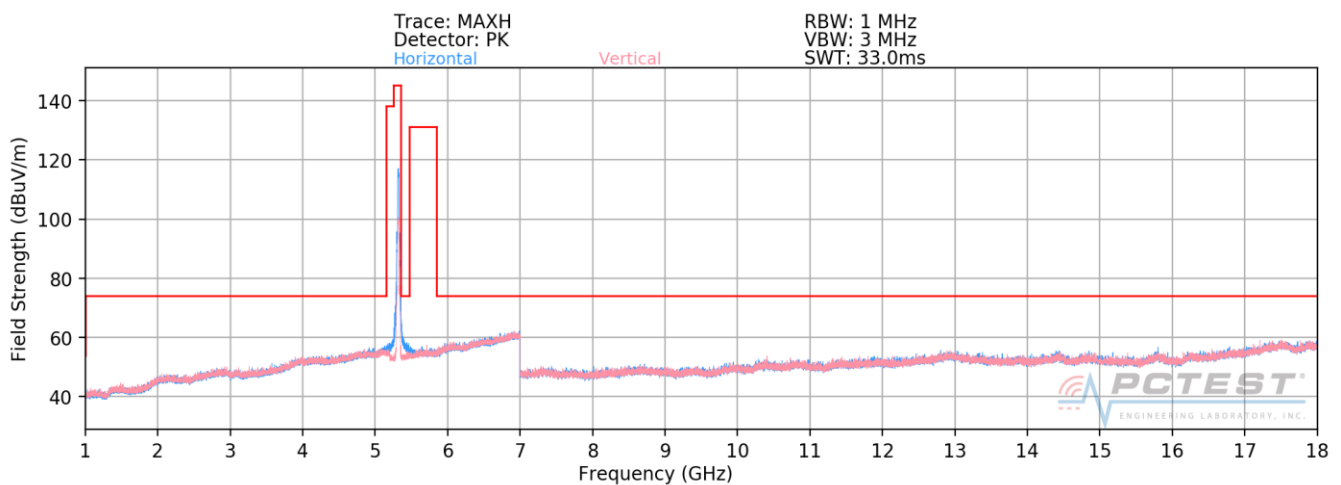
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 133 of 206



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

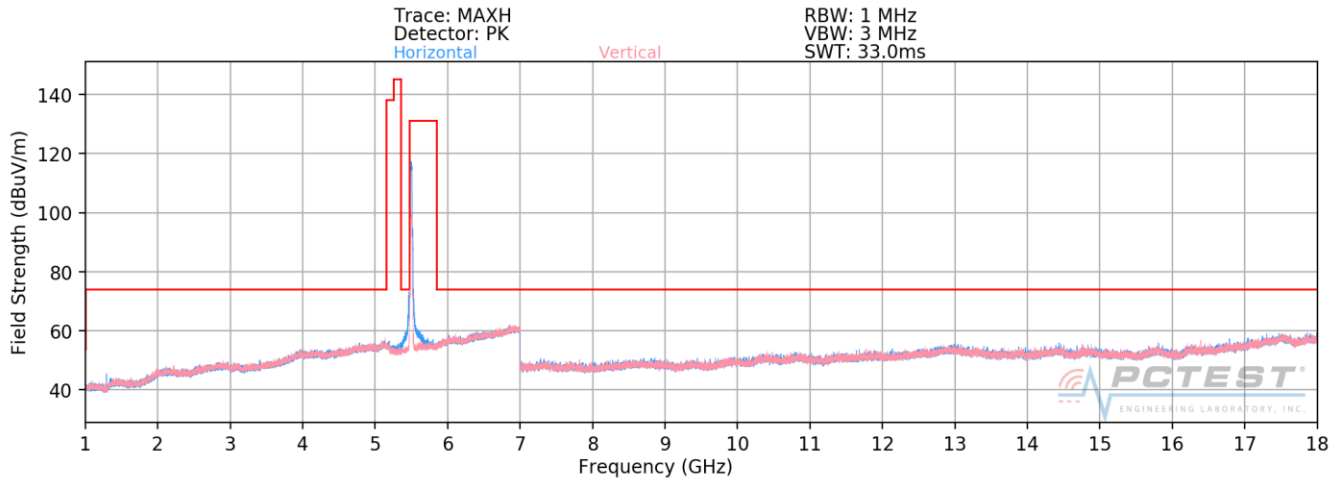


Plot 7-183. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n - U2A Ch. 56)

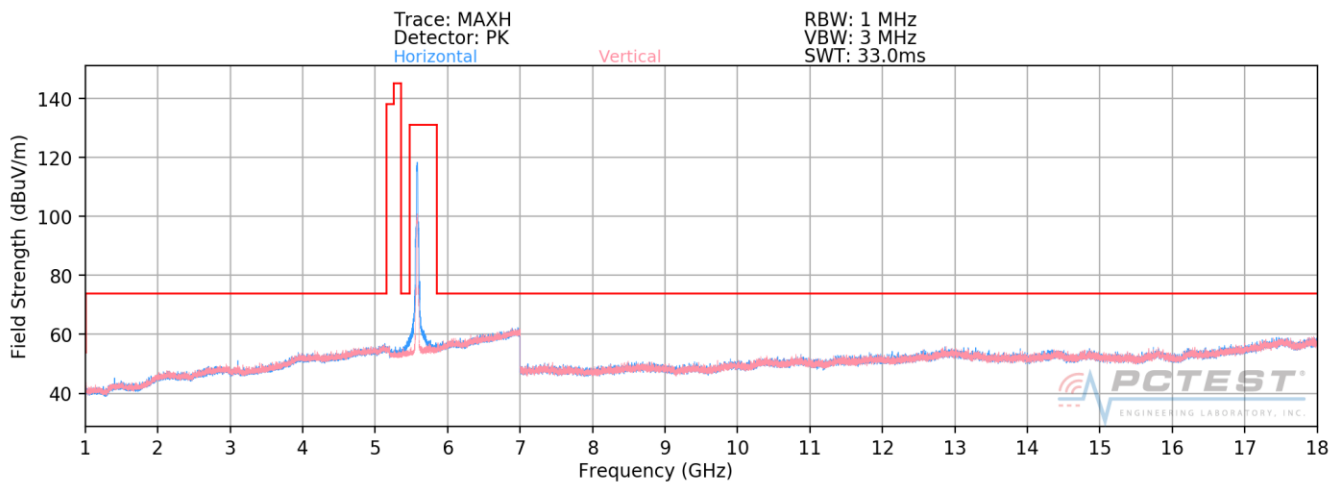


Plot 7-184. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n - U2A Ch. 64)

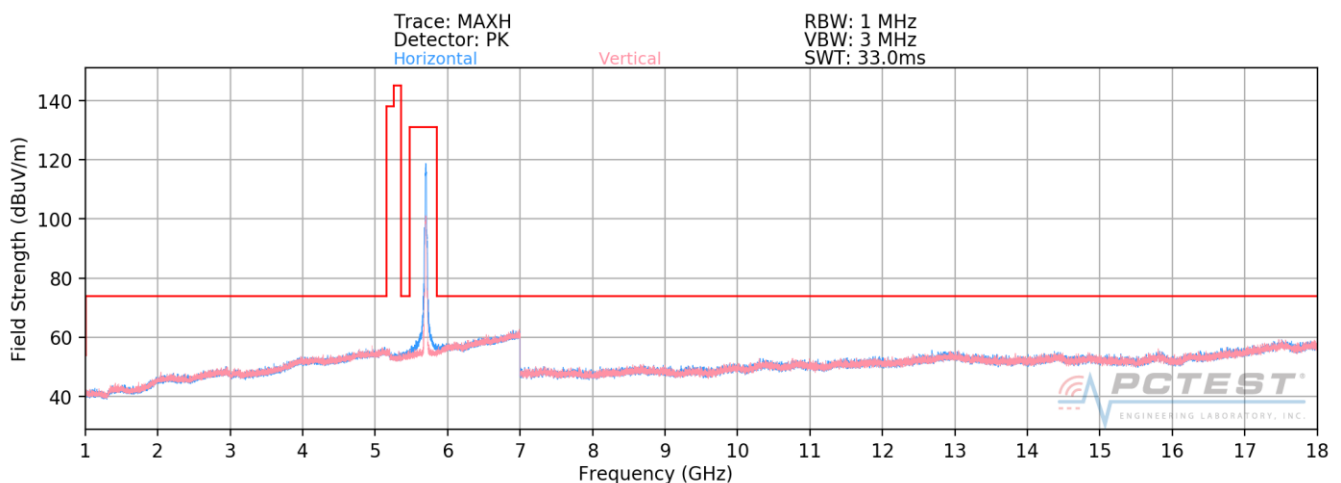
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 134 of 206



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

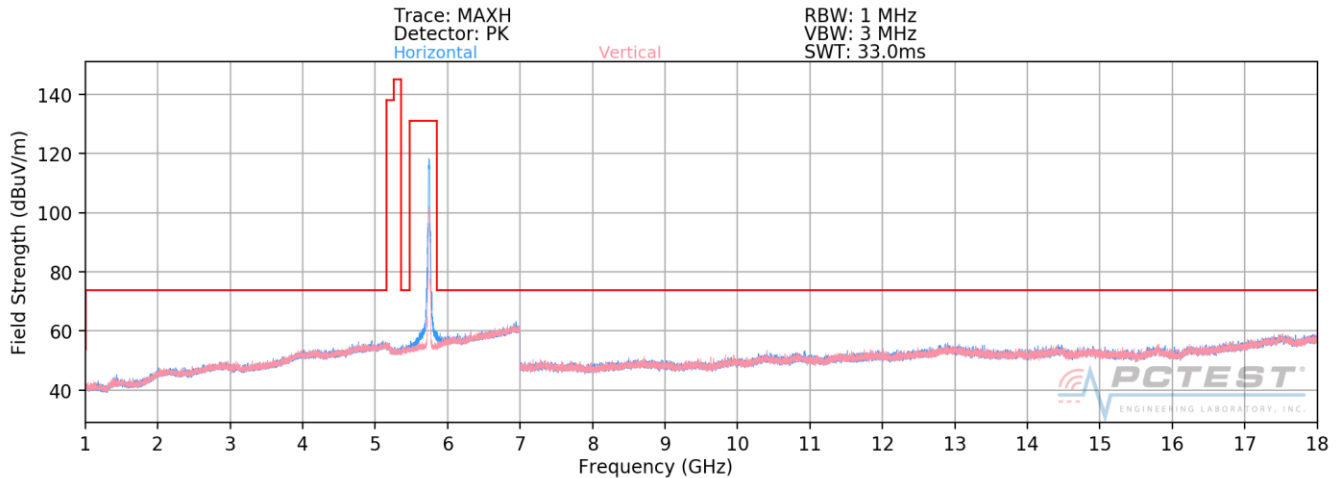


Plot 7-186. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2C Ch. 116)

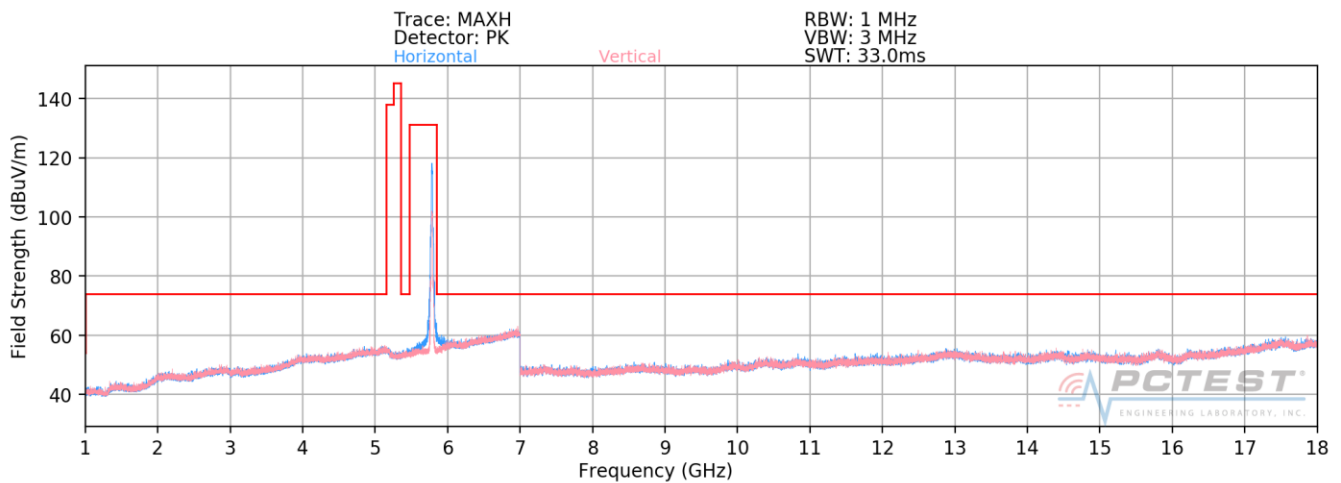


Plot 7-187. Radiated Spurious Plot above 1GHz SISO CORE1 (802.11n – U2C Ch. 140)

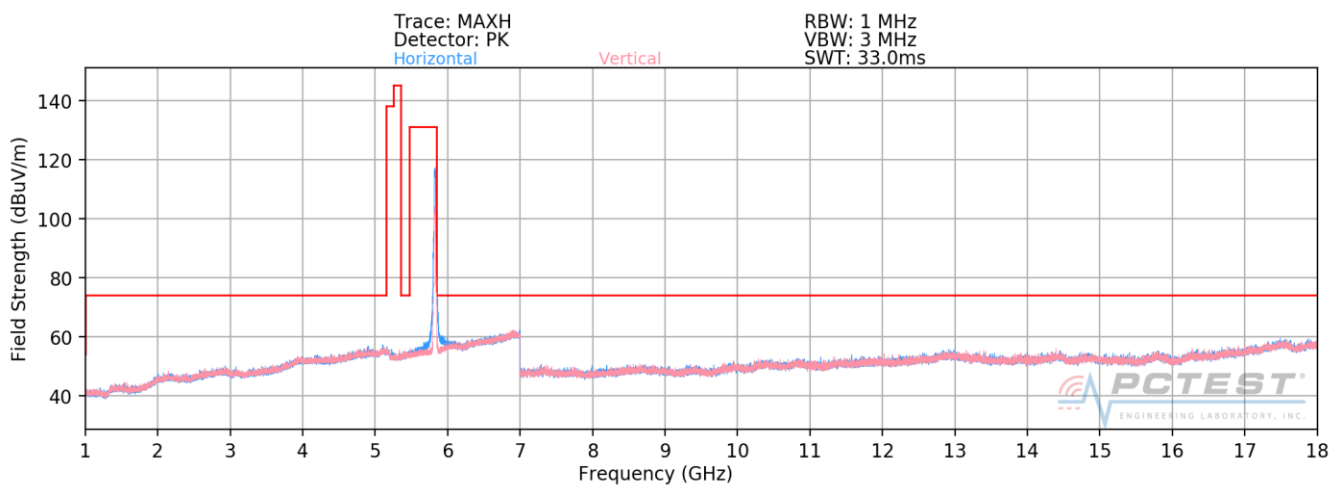
FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 135 of 206



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	 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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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

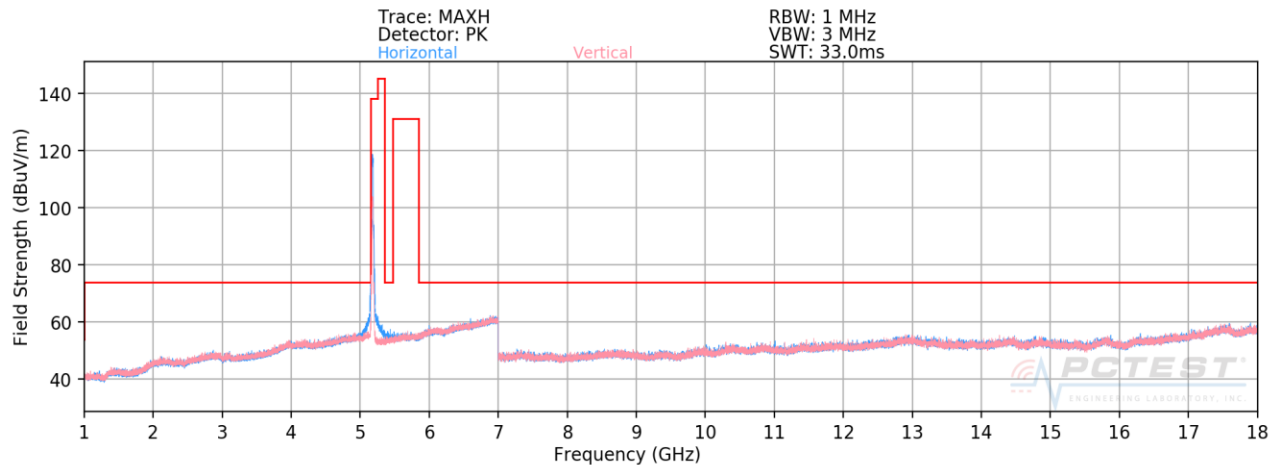
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/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

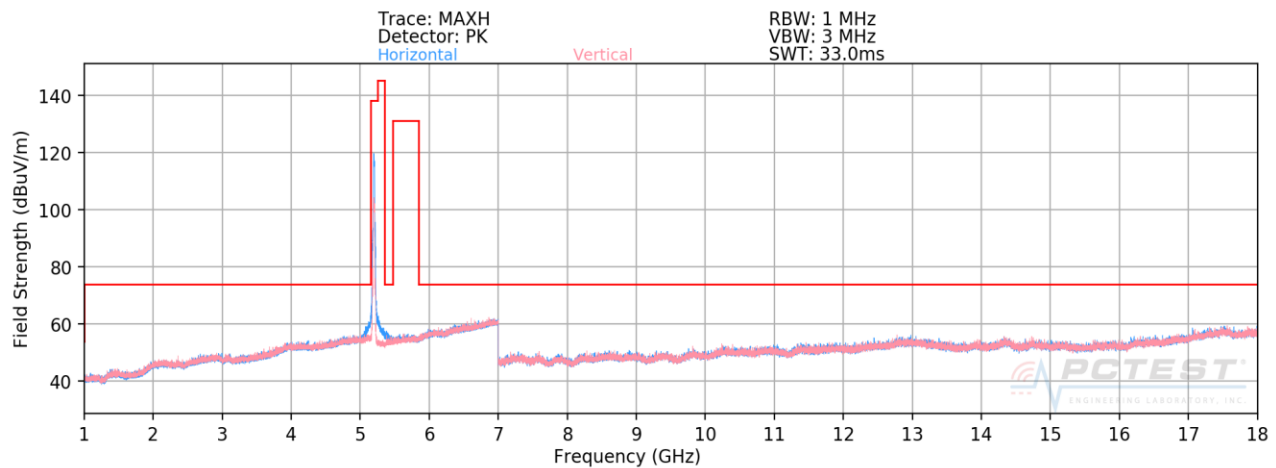
Table 7-57. Radiated Measurements SISO CORE1

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

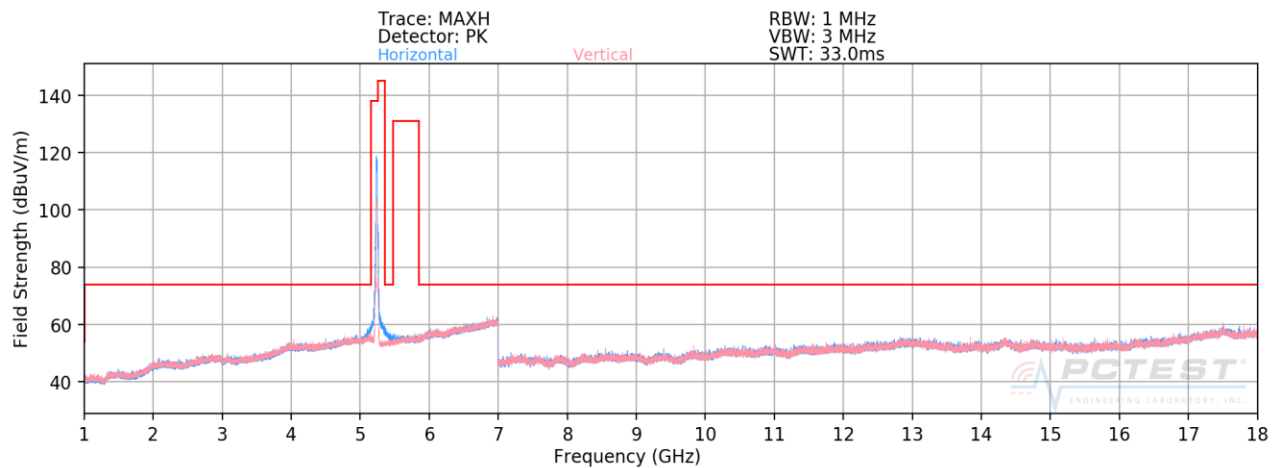
7.6.3 CDD Radiated Spurious Emission Measurements



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

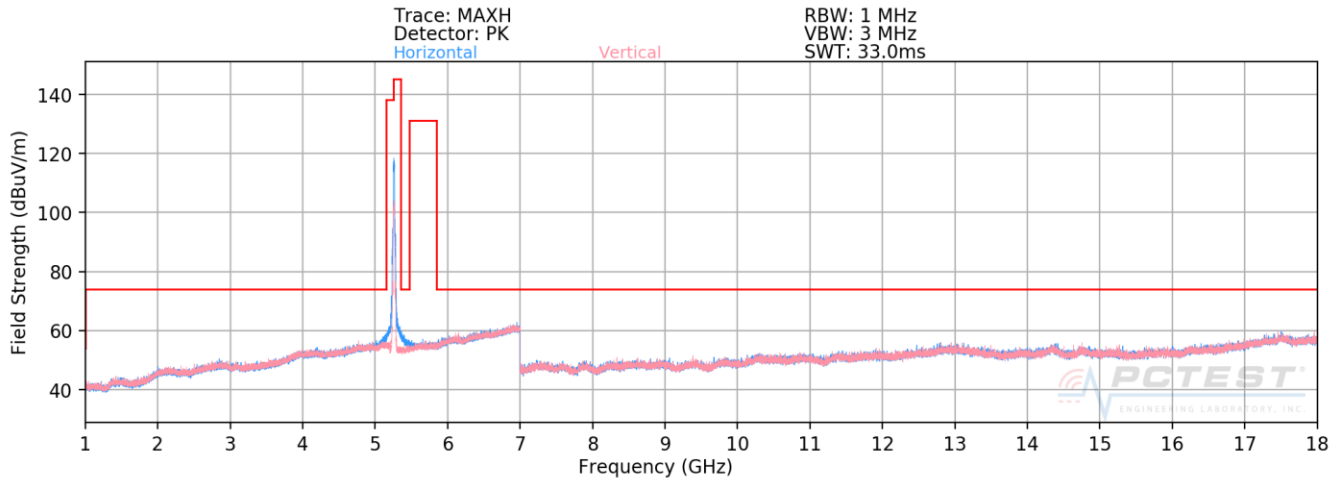


Plot 7-192. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 40)

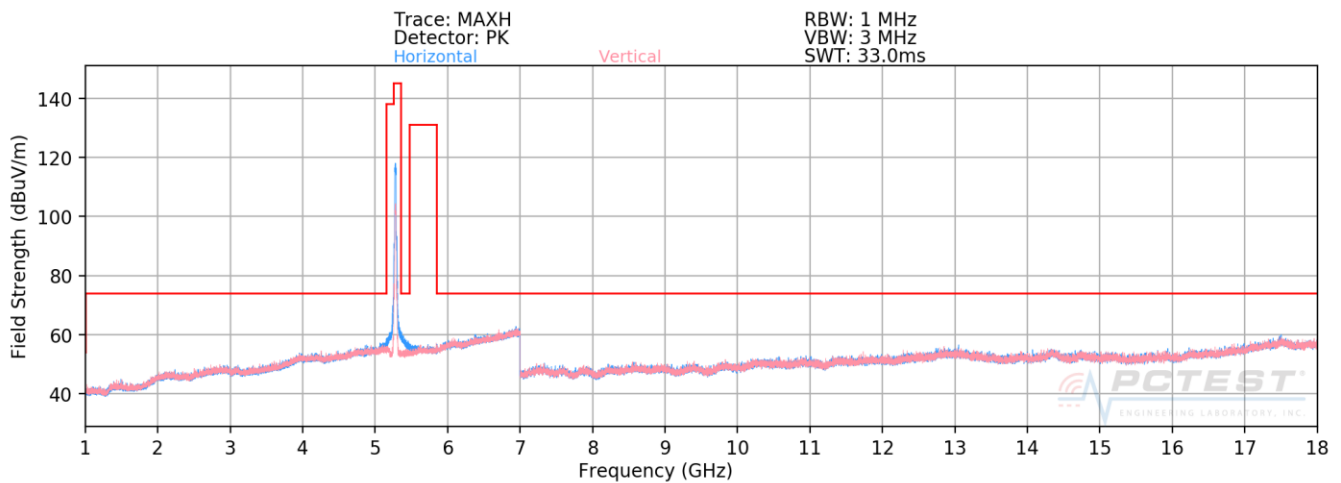


Plot 7-193. Radiated Spurious Plot above 1GHz CDD (802.11n – U1 Ch. 48)

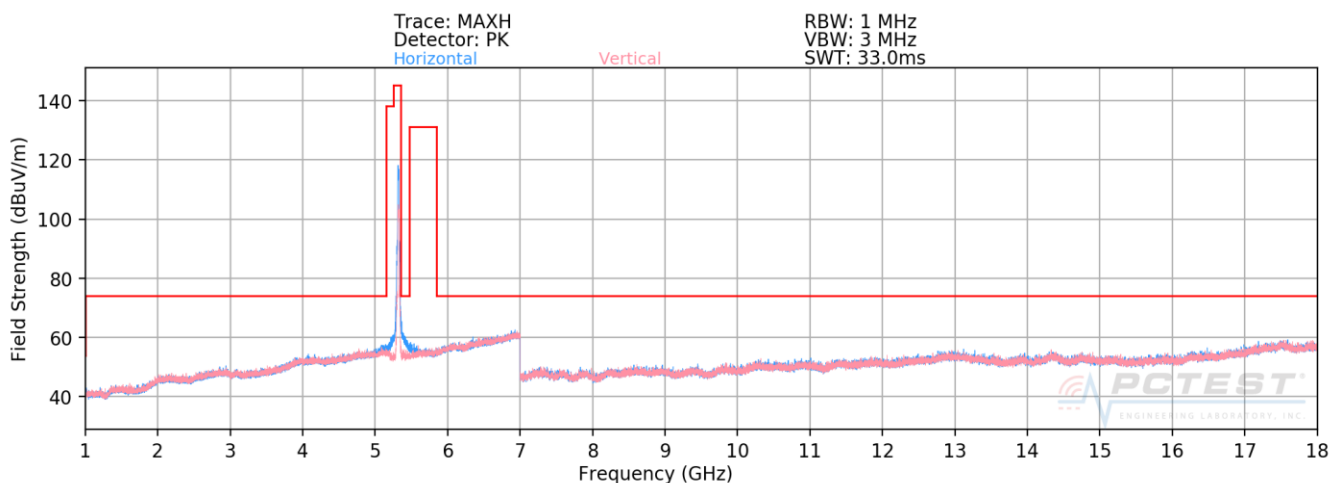
FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 143 of 206



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

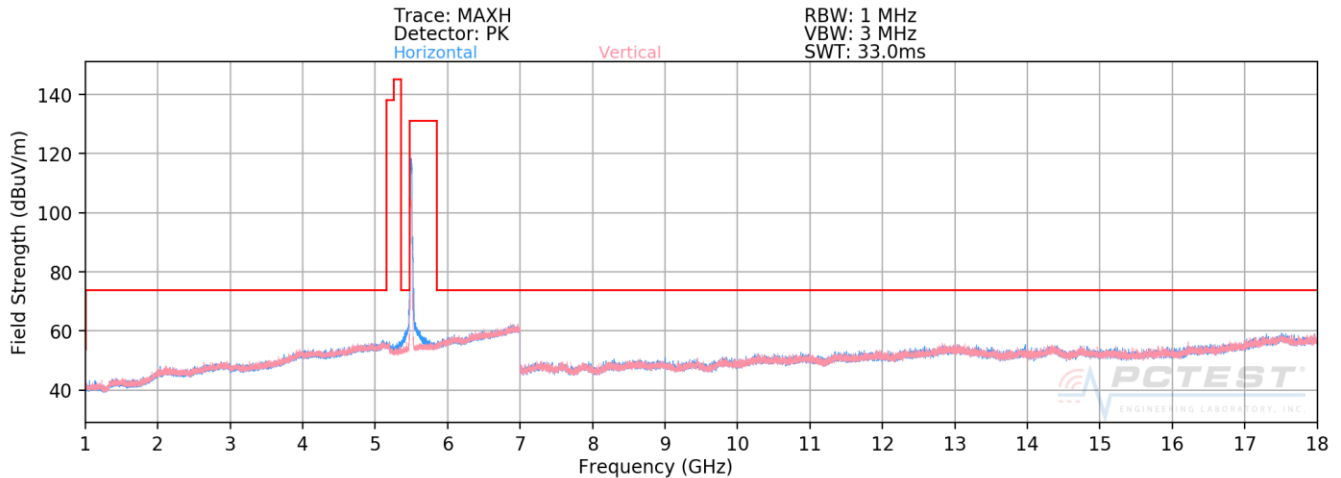


Plot 7-195. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 56)

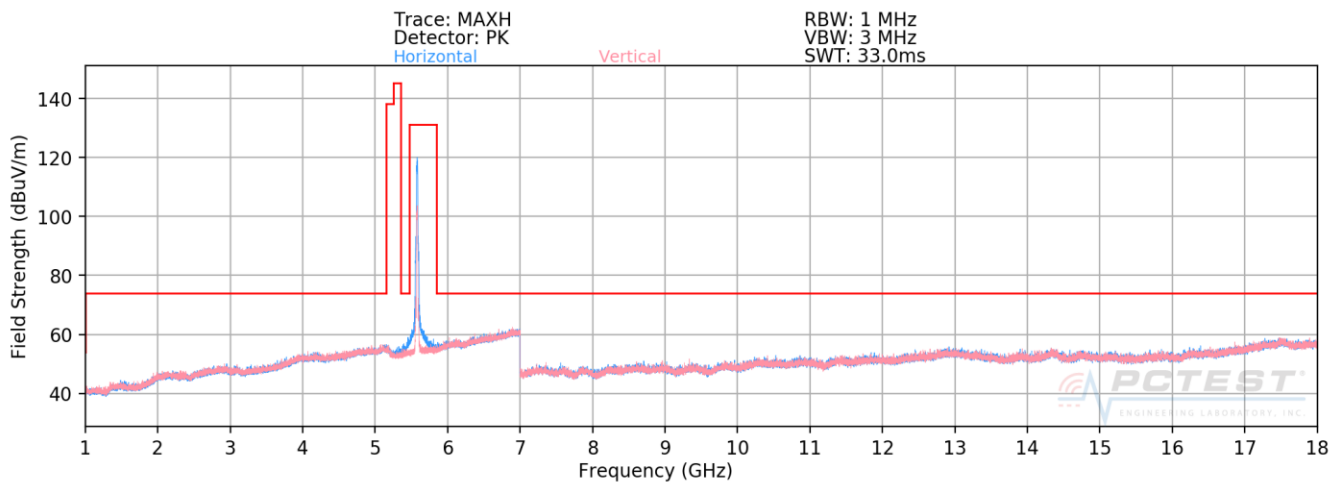


Plot 7-196. Radiated Spurious Plot above 1GHz CDD (802.11n – U2A Ch. 64)

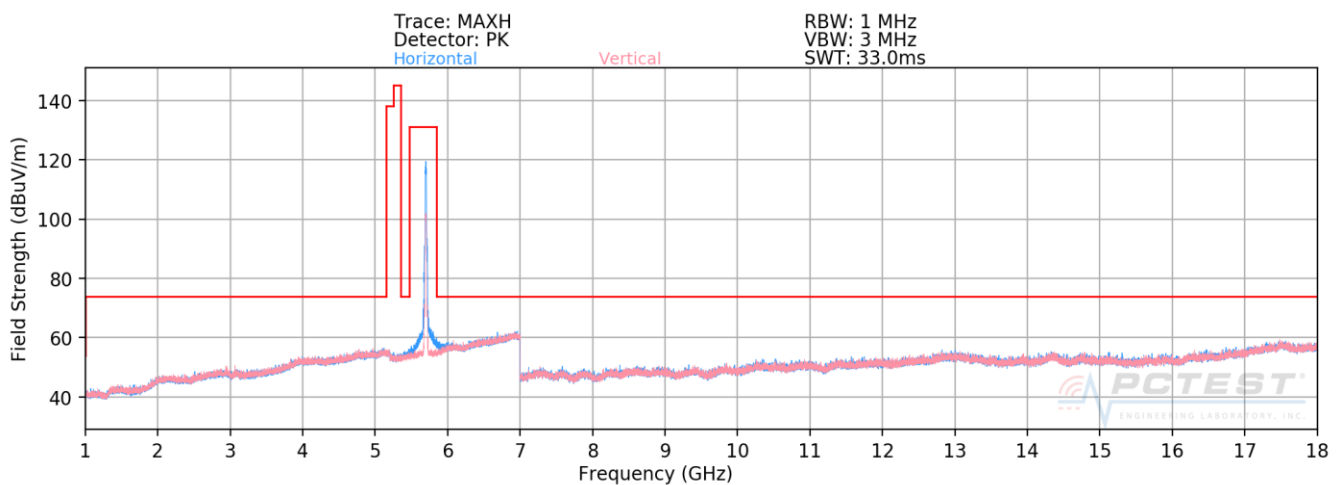
FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 144 of 206



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

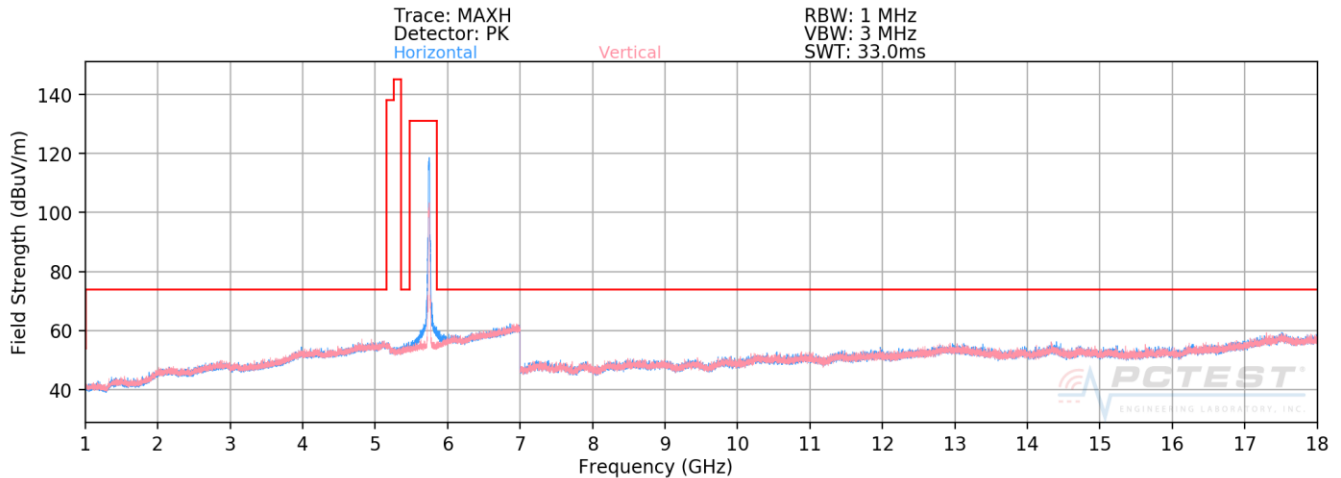


Plot 7-198. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 116)

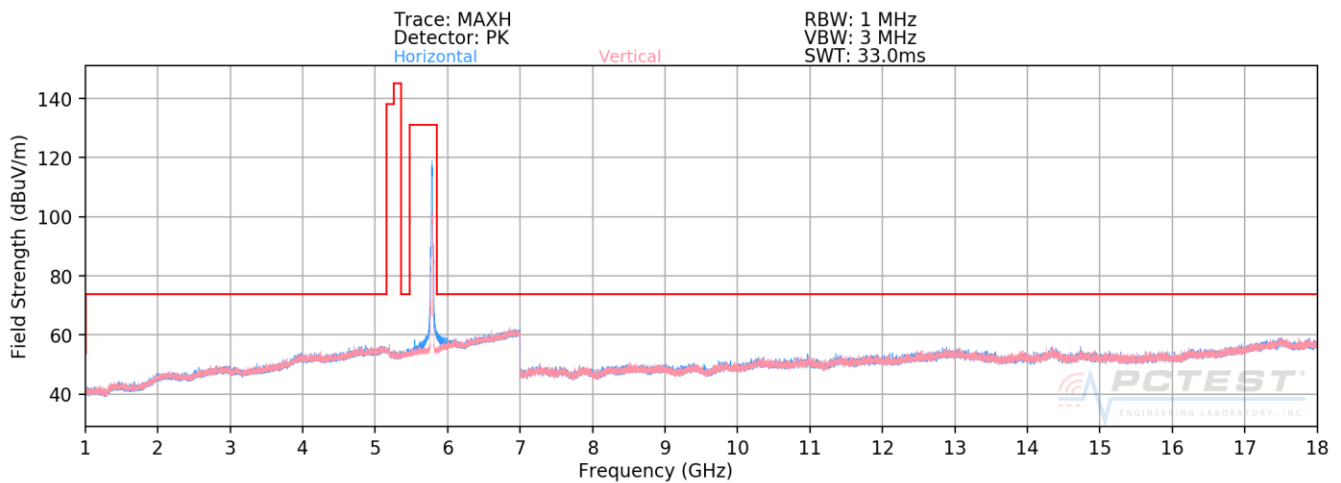


Plot 7-199. Radiated Spurious Plot above 1GHz CDD (802.11n – U2C Ch. 140)

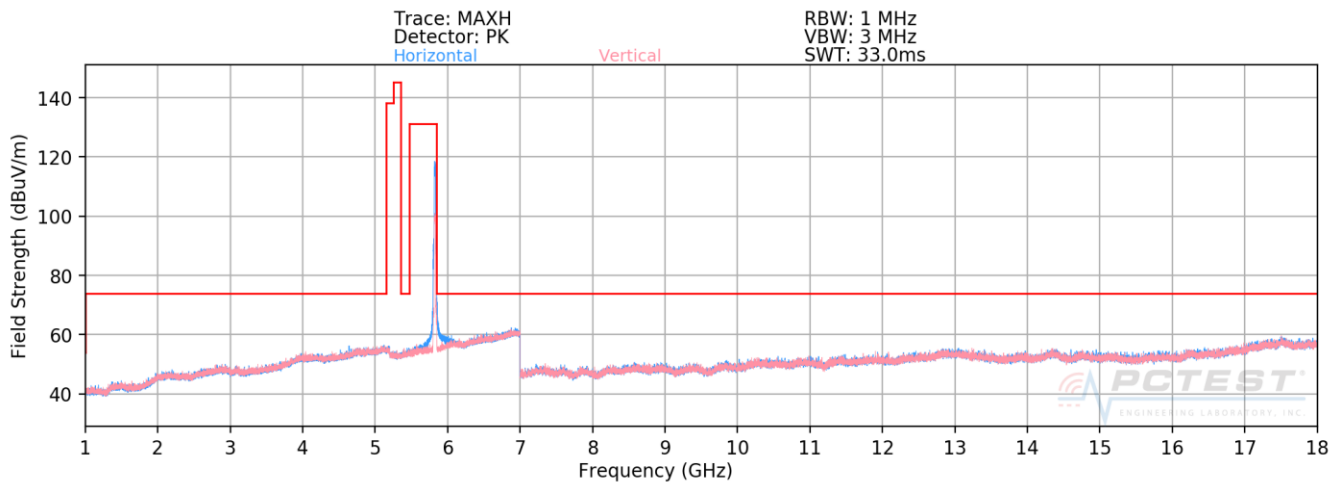
FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 145 of 206



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



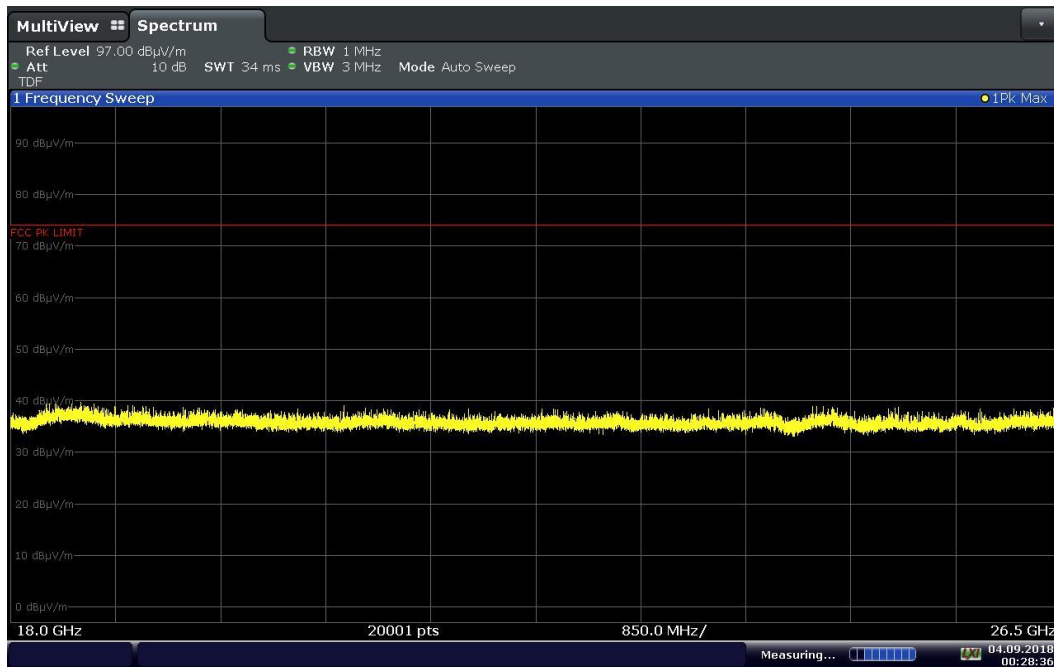
Plot 7-201. Radiated Spurious Plot above 1GHz CDD (802.11n – U3 Ch. 157)



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

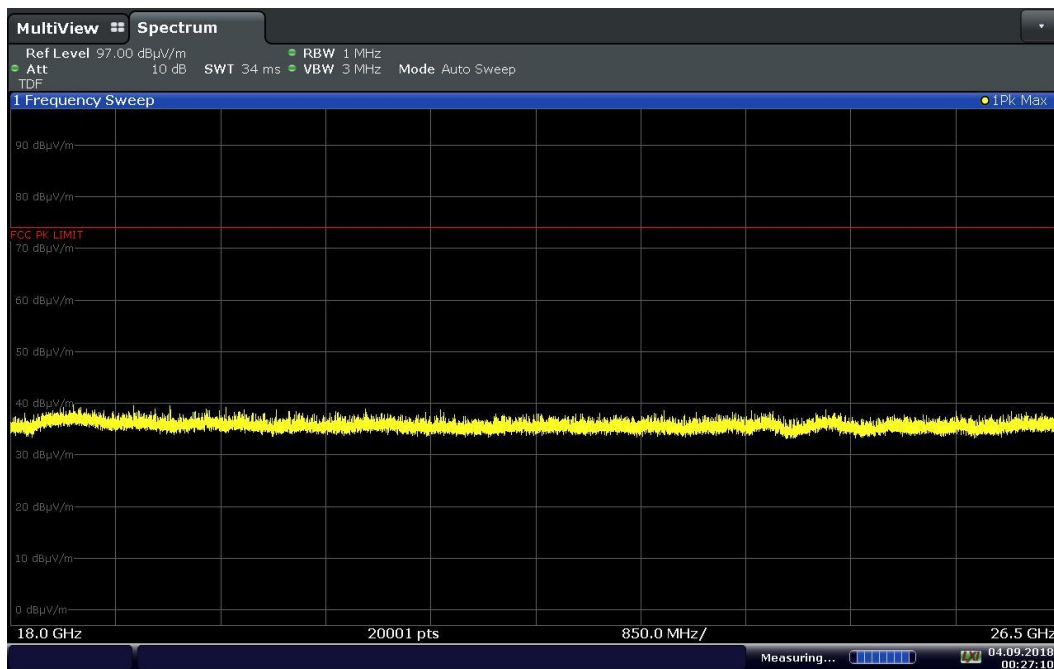
FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 146 of 206

CDD Radiated Spurious Emissions Measurements (Above 18GHz)



00:28:36 04.09.2018

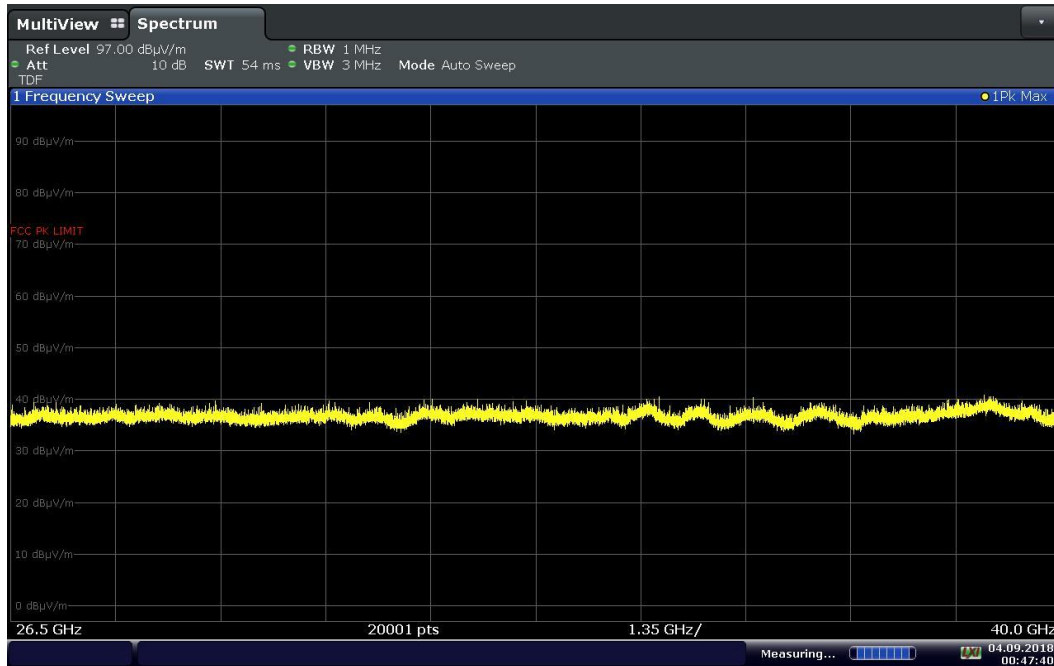
Plot 7-203. Radiated Spurious Plot above 18GHz - 26.5GHz CDD (802.11n Ch. 36, Pol. H)



00:27:11 04.09.2018

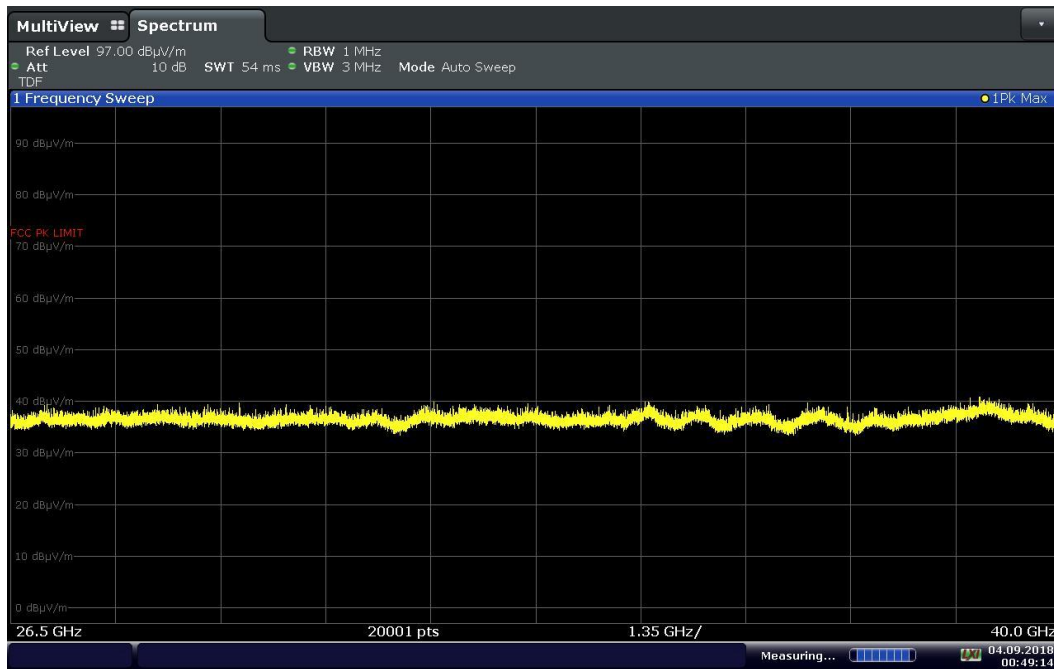
Plot 7-204. Radiated Spurious Plot above 18GHz - 26.5GHz CDD (802.11n Ch. 36, Pol. V)

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	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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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 [dBμV/m]	Limit [dBμV/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

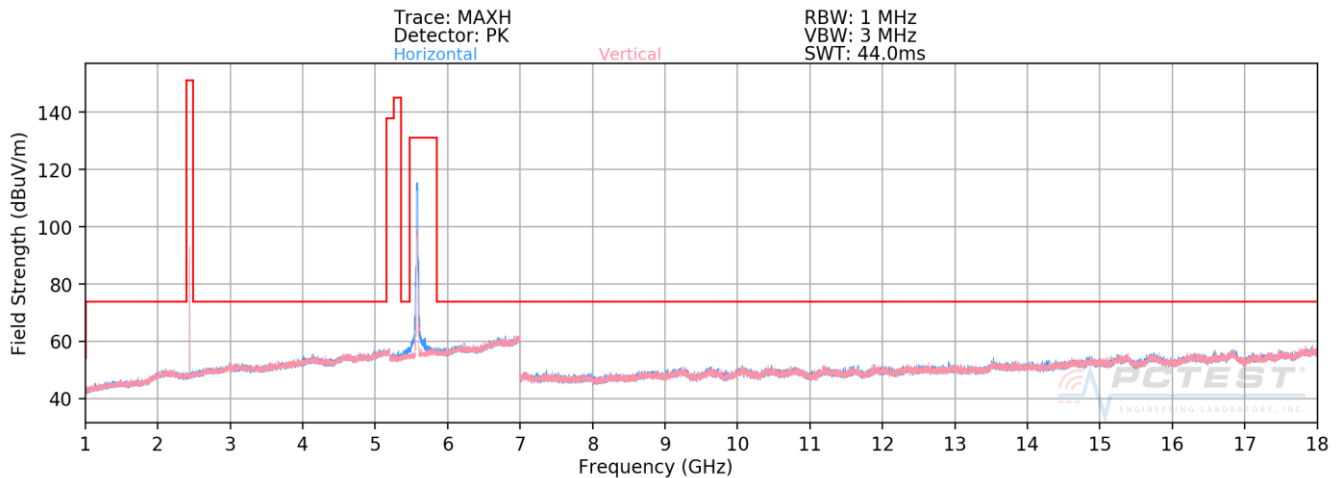
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 154 of 206

Simultaneous Tx Radiated Spurious Emissions Measurements

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

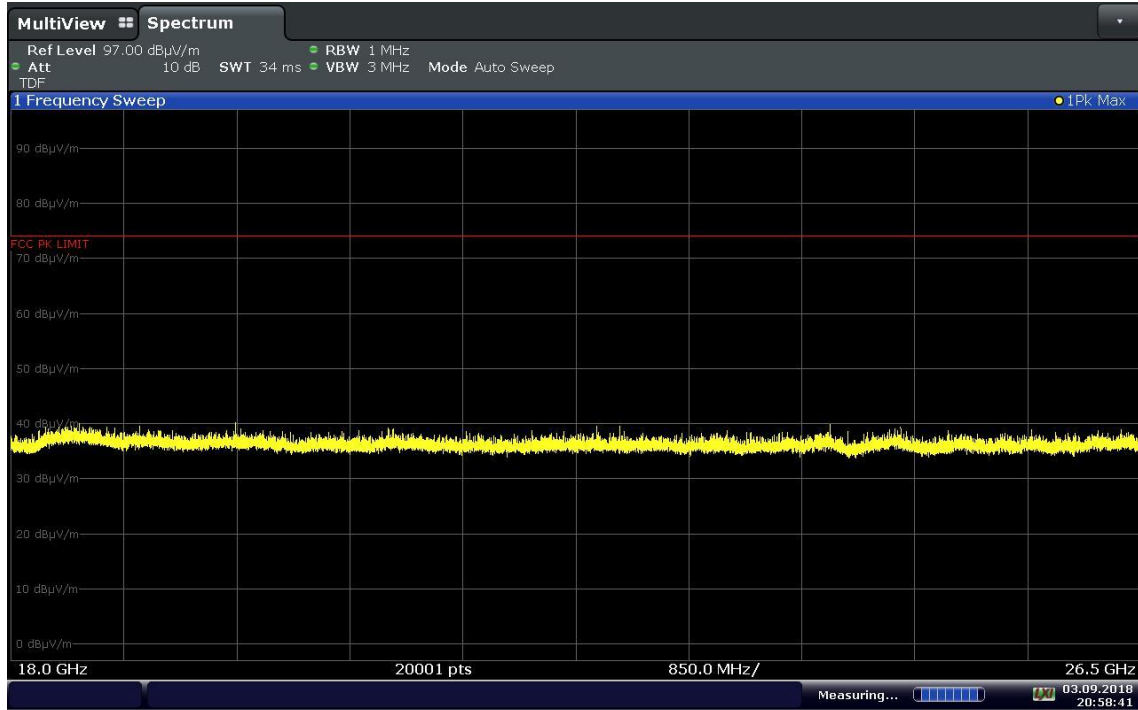
Description	2.4 GHz Emission	5 GHz Emission
Antenna	2	2
Channel	39	116
Operating Frequency (MHz)	2441	5580
Data Rate (Mbps)	GFSK/1Mbps	MCS0
Mode	Bluetooth	UNII

Table 7-70. Worst Case Simultaneous Transmission Config



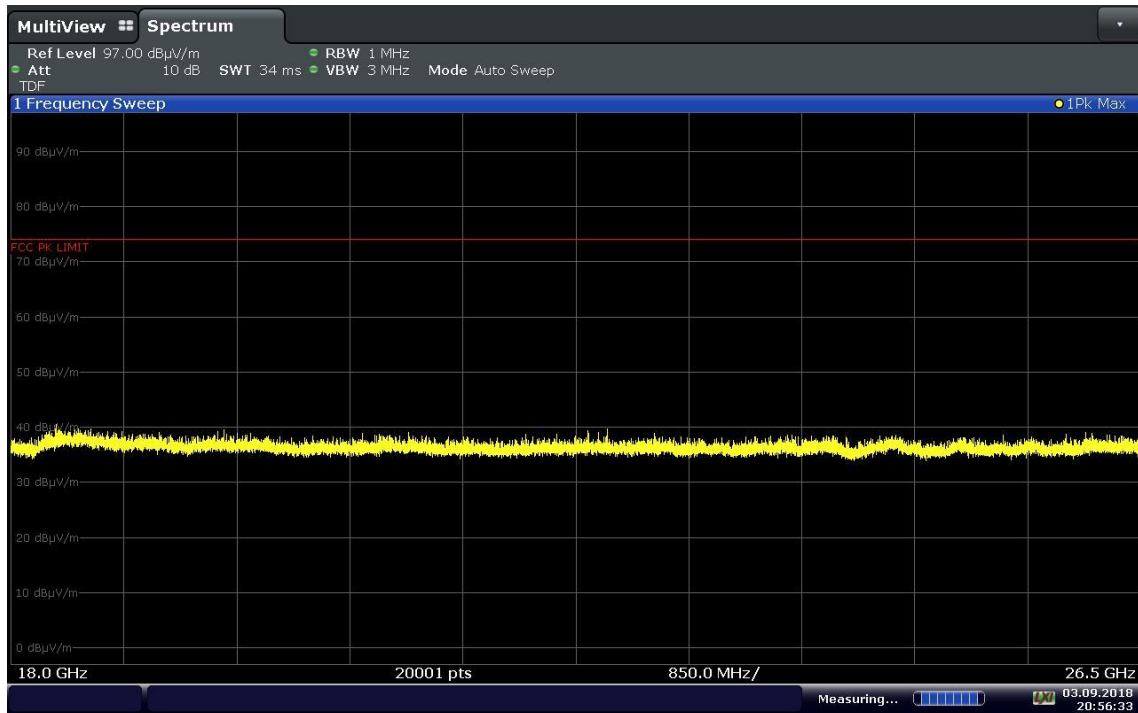
Plot 7-207. Radiated Spurious Plot above 1GHz (2.4GHz – 5GHz)

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

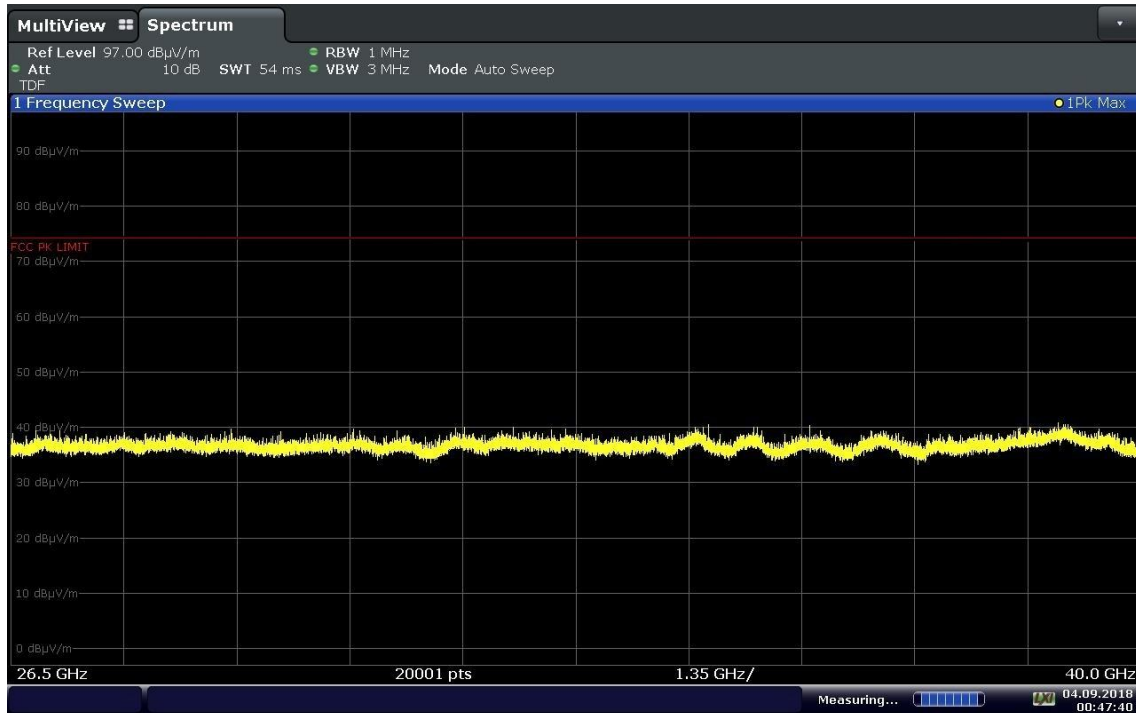
Plot 7-208. Radiated Spurious Plot 18GHz – 26.5GHz (2.4GHz – 5GHz) Pol. H



20:56:33 03.09.2018

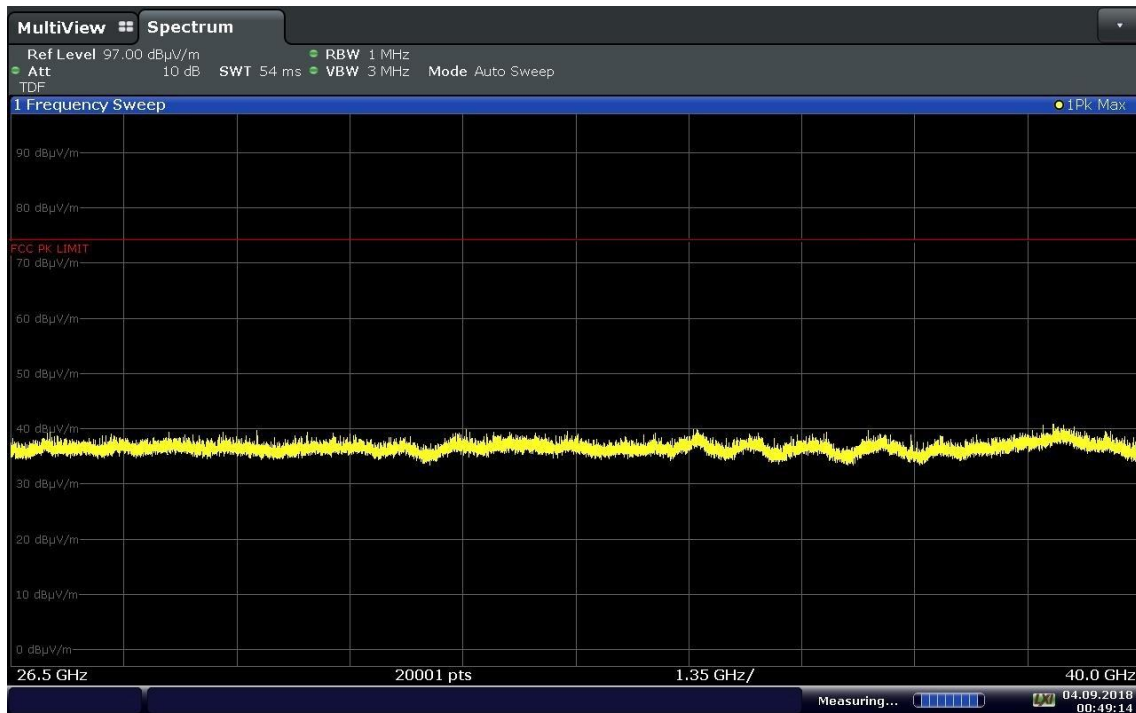
Plot 7-209. Radiated Spurious Plot 18GHz – 26.5GHz (2.4GHz – 5GHz) Pol. V

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



00:47:40 04.09.2018

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

© 2018 PCTEST Engineering Laboratory, Inc.

V 8.3 07/10/2018

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST Engineering Laboratory, Inc. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

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

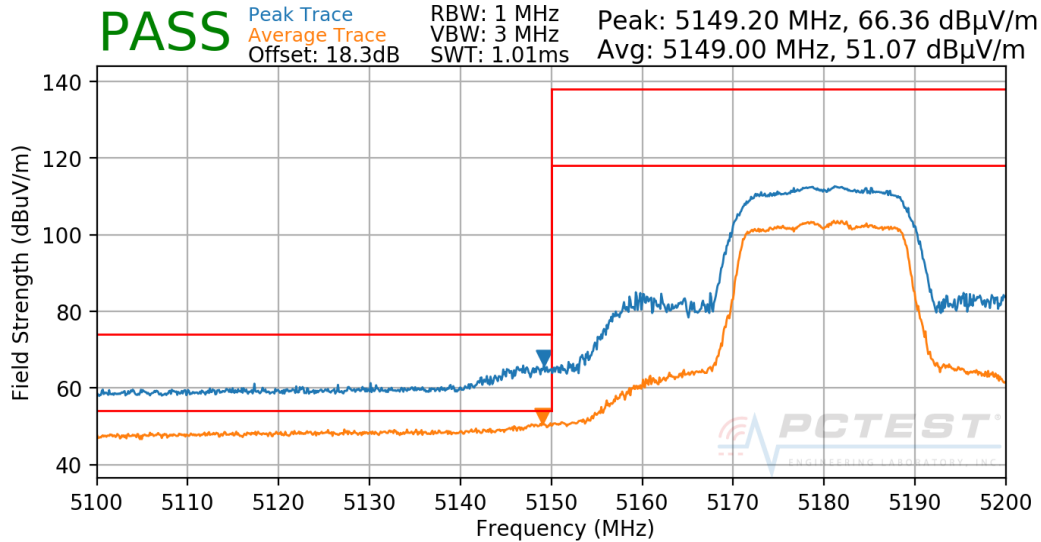
Table 7-71. Radiated Measurements (ANT2 2.4GHz – ANT2 5GHz)

FCC ID: BCGA2014	 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 158 of 206

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

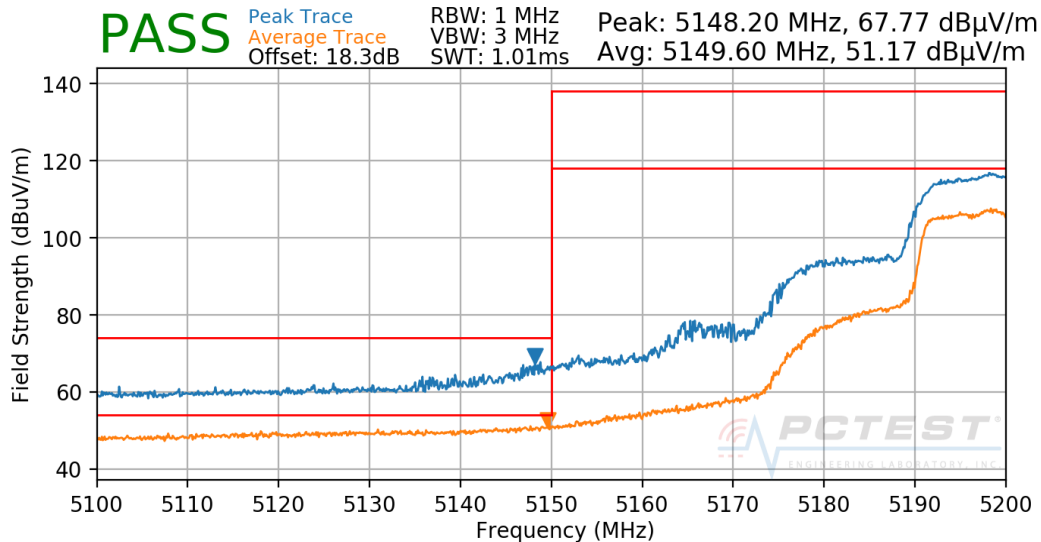
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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)

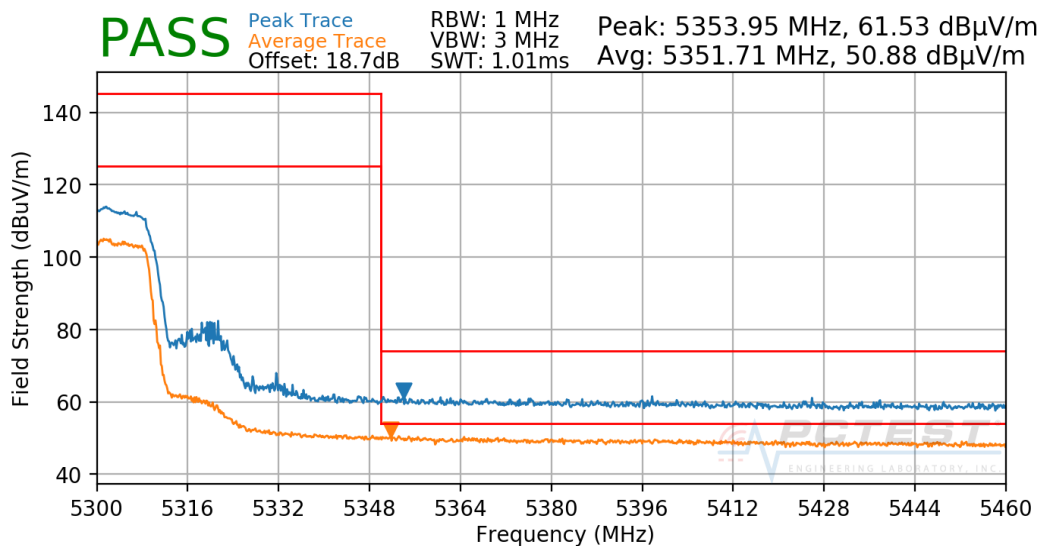
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40



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

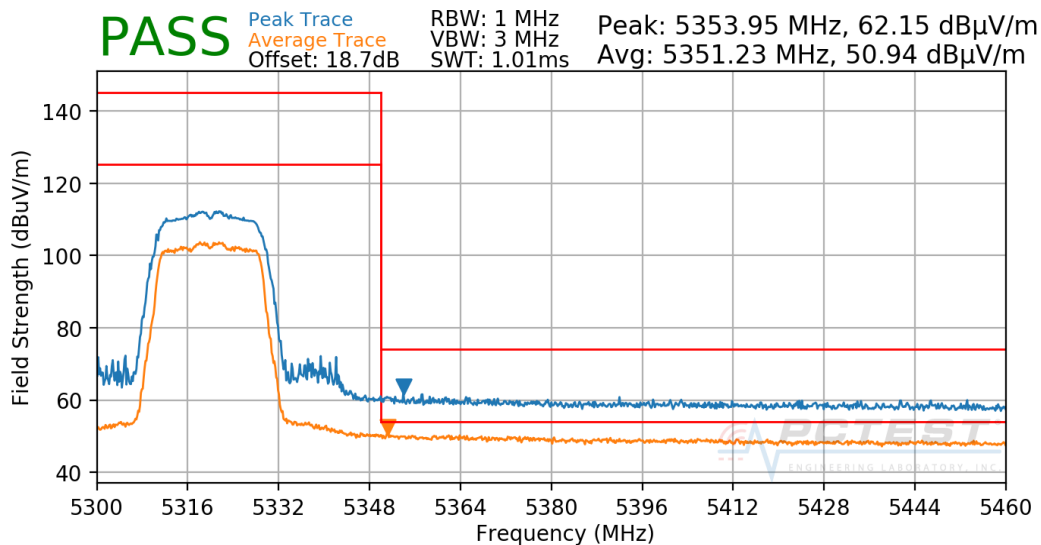
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 159 of 206

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)

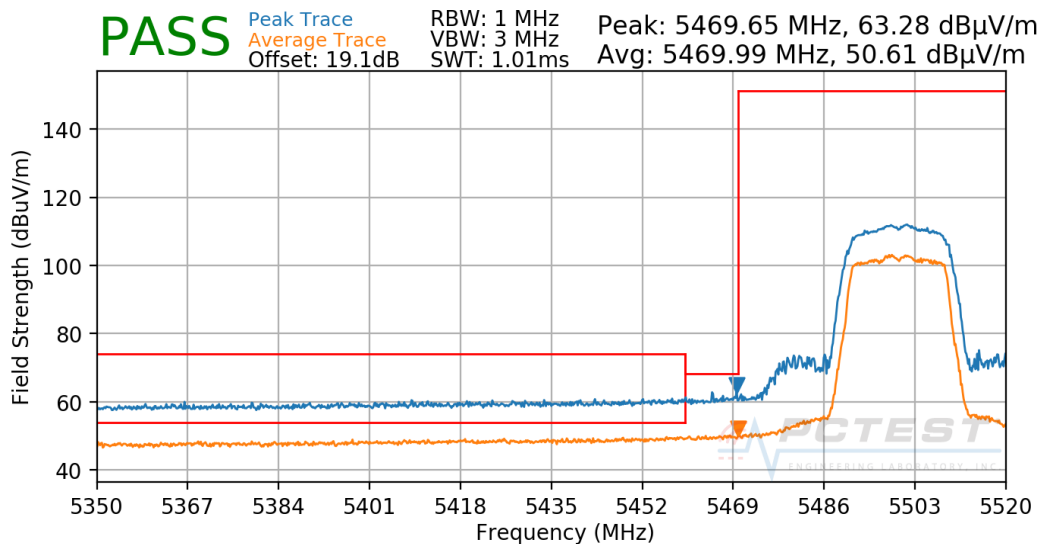
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64



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

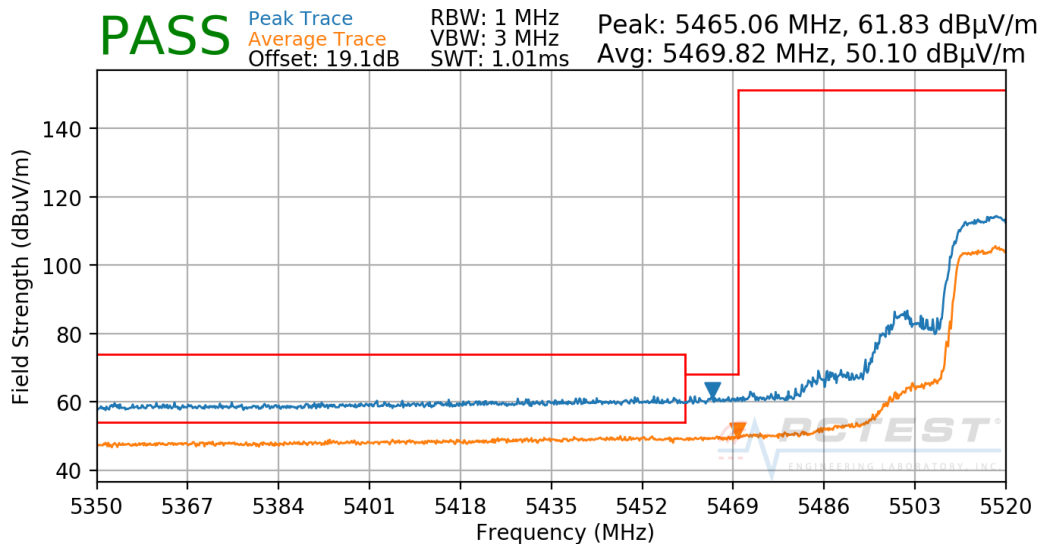
FCC ID: BCGA2014	PCTEST ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device		Page 160 of 206

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)

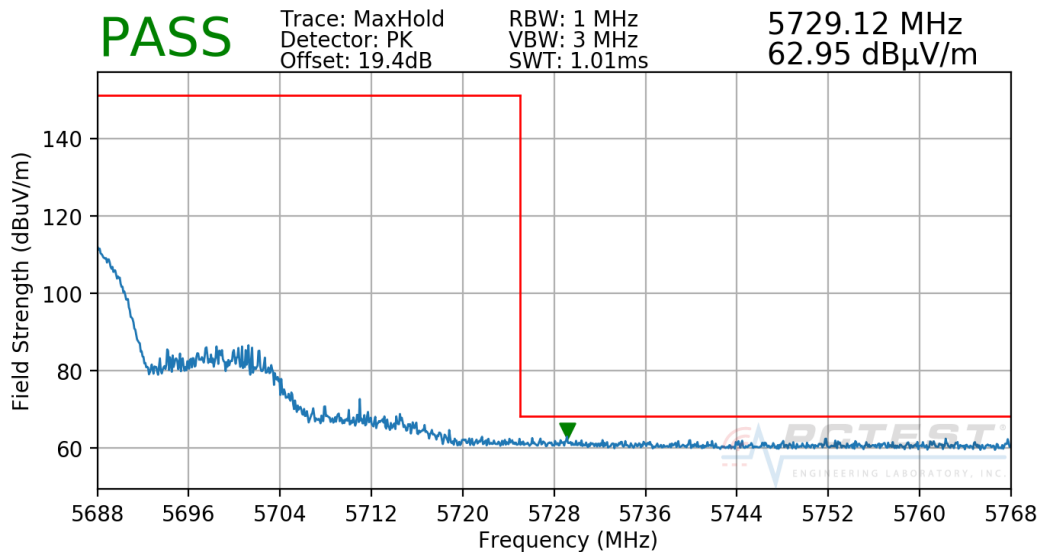
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5520MHz
Channel: 104



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

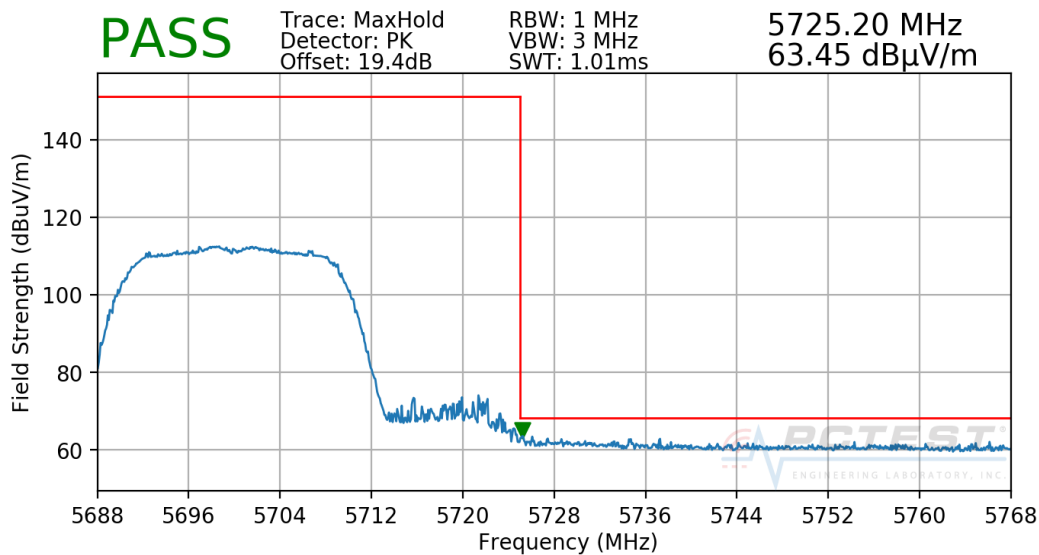
FCC ID: BCGA2014	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 161 of 206

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)

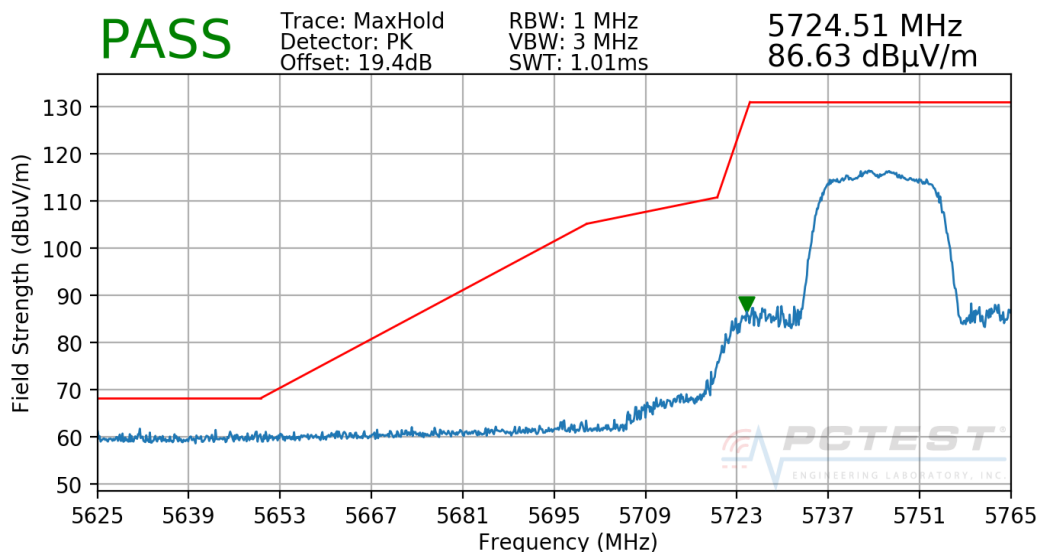
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5700MHz
Channel: 140



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

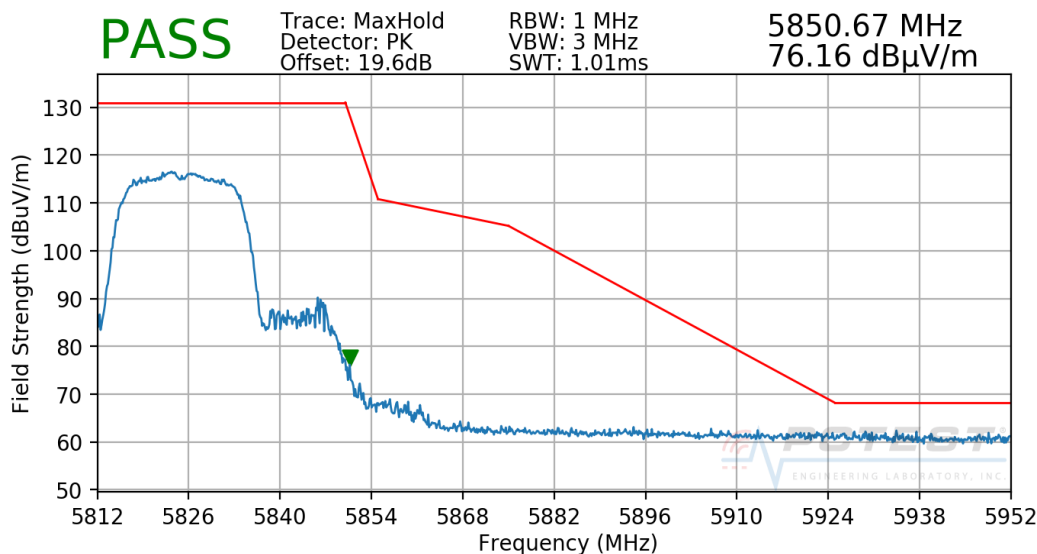
FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 162 of 206

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



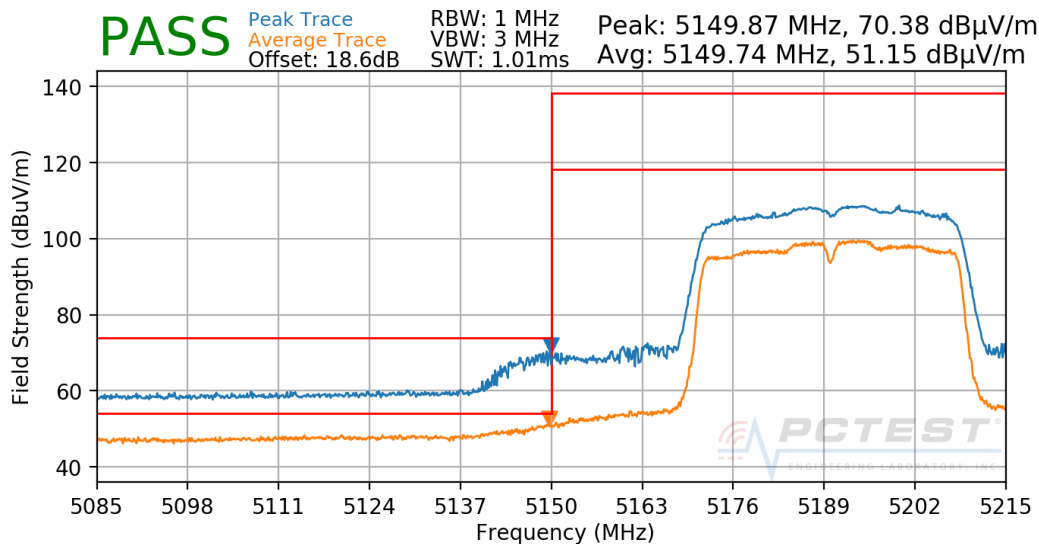
Plot 7-221. Radiated Upper Band Edge Plot SISO CORE0 (Peak – UNII Band 3)

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)

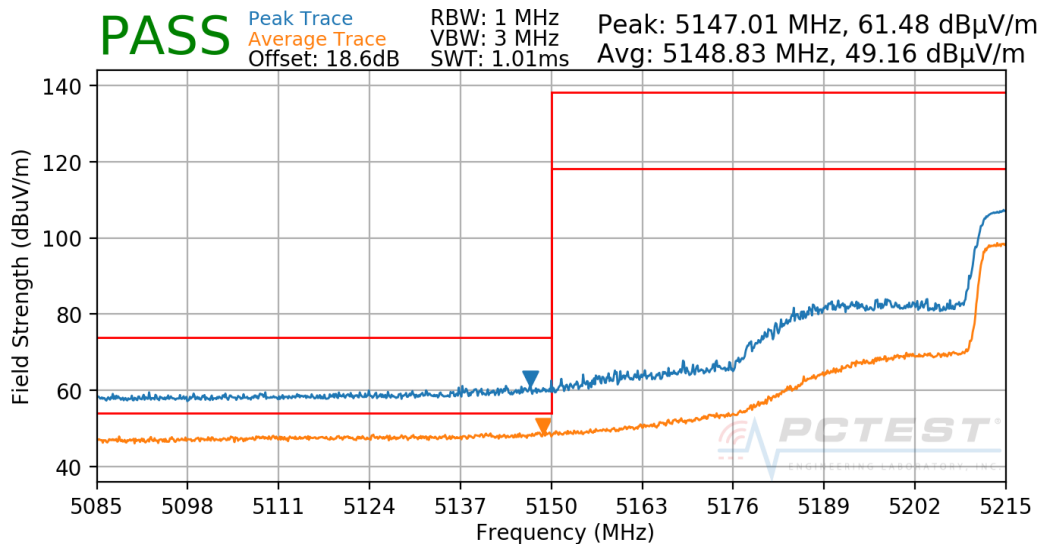
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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)

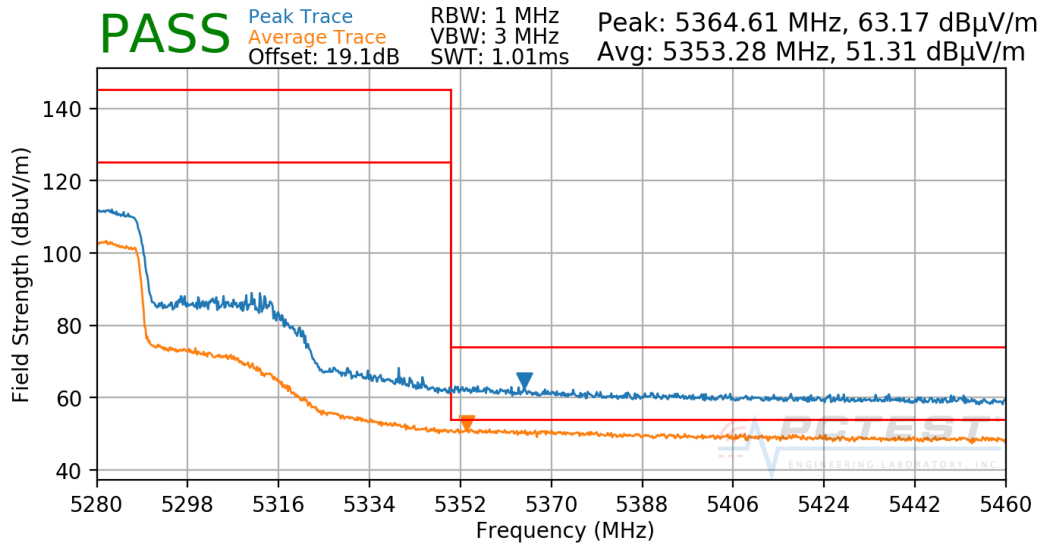
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5230MHz
Channel:	46



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

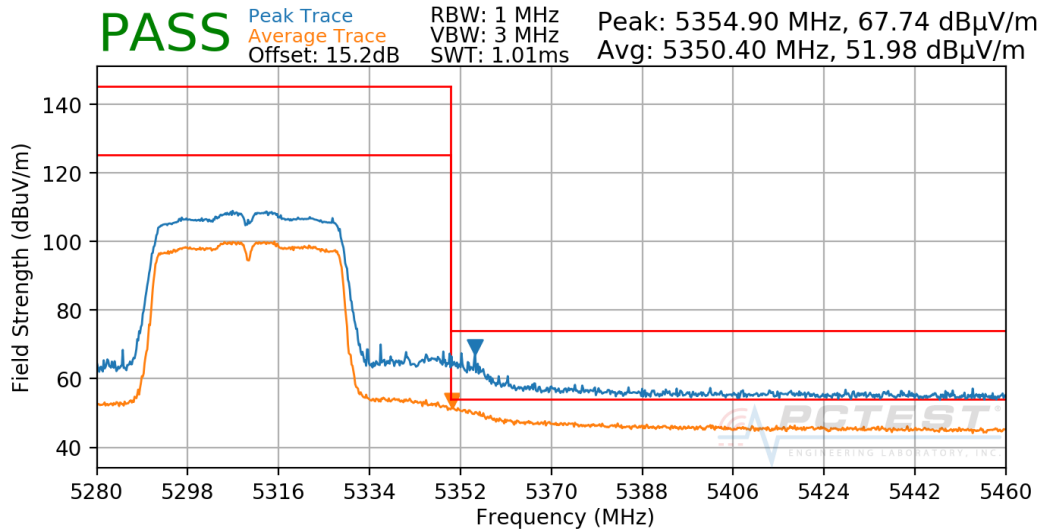
FCC ID: BCGA2014	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806050011-10.BCG	Test Dates: 07/26/2018 - 10/10/2018	EUT Type: Tablet Device	Page 164 of 206

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	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 165 of 206