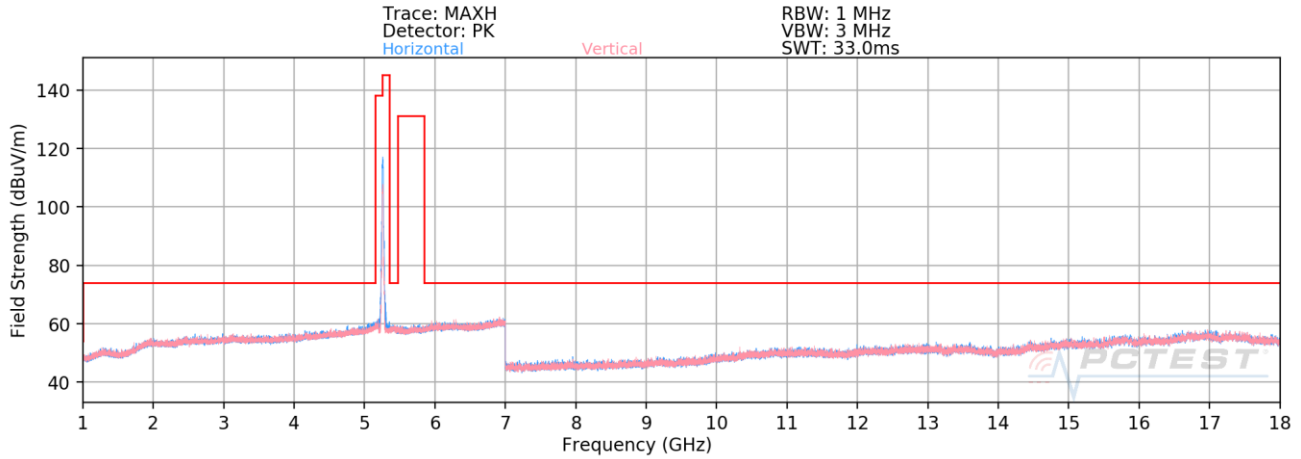
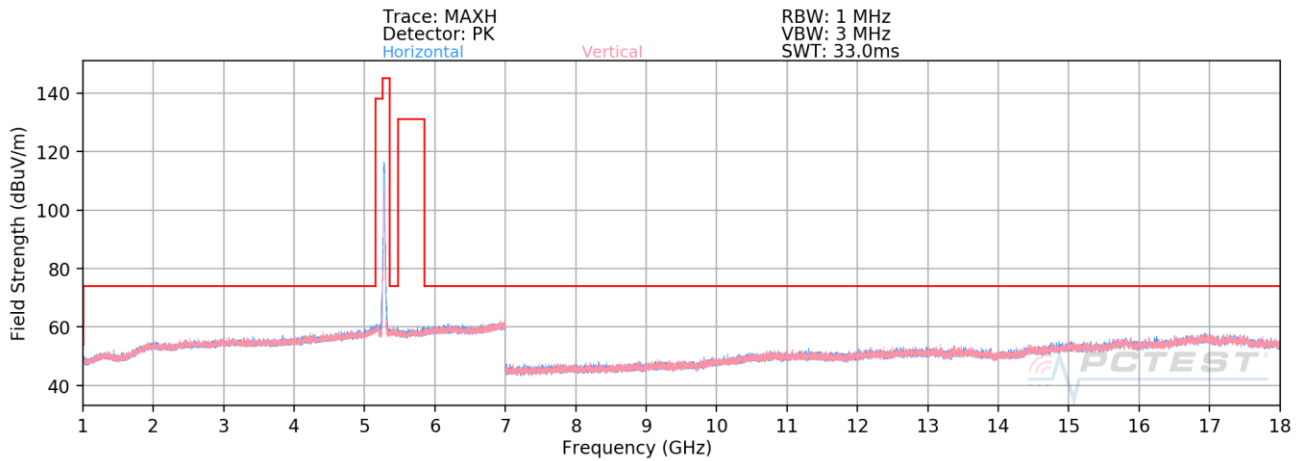
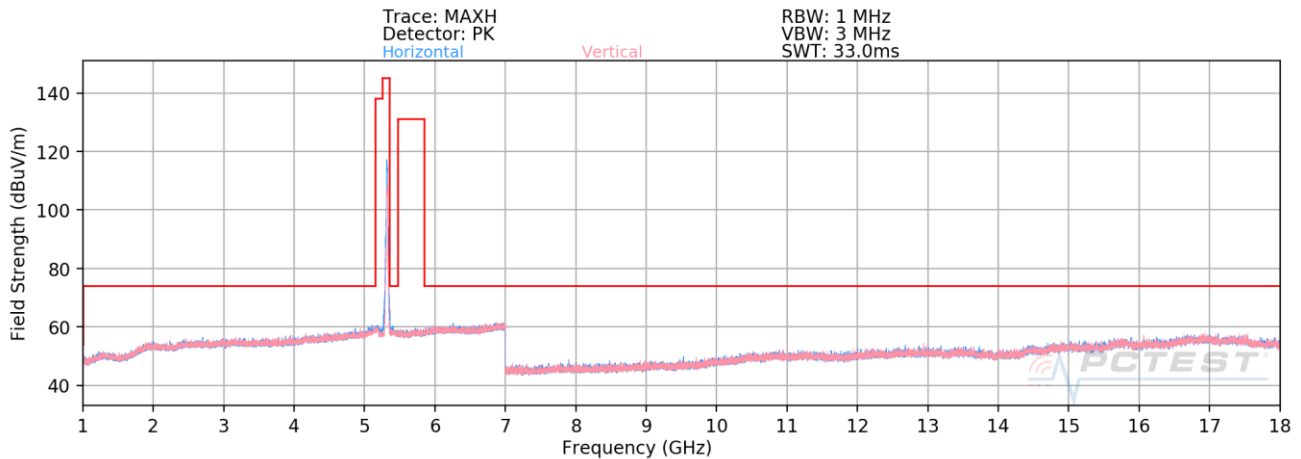




Plot 7-188. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 2A Ch. 52)

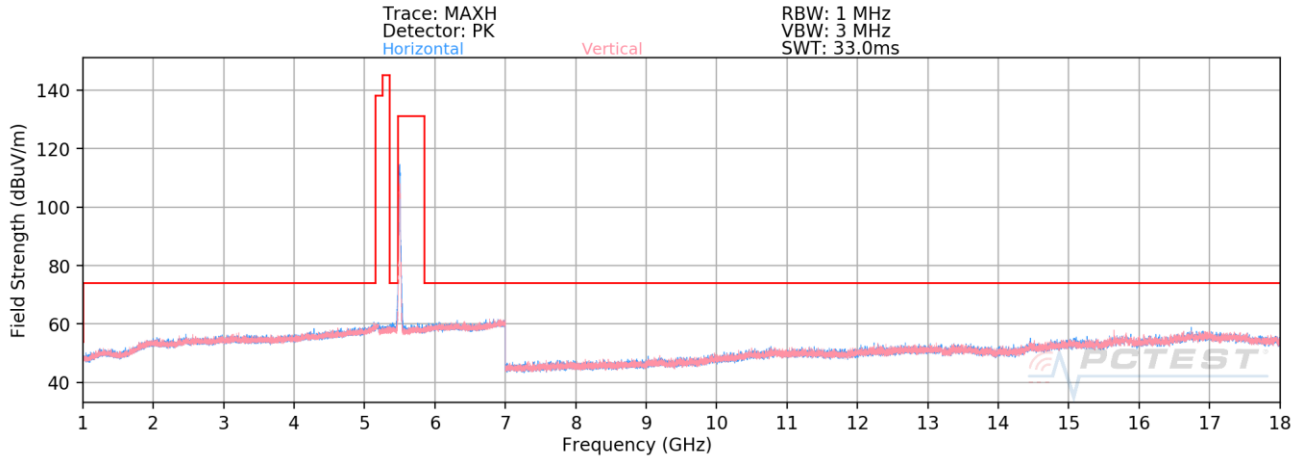


Plot 7-189. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 2A Ch. 56)

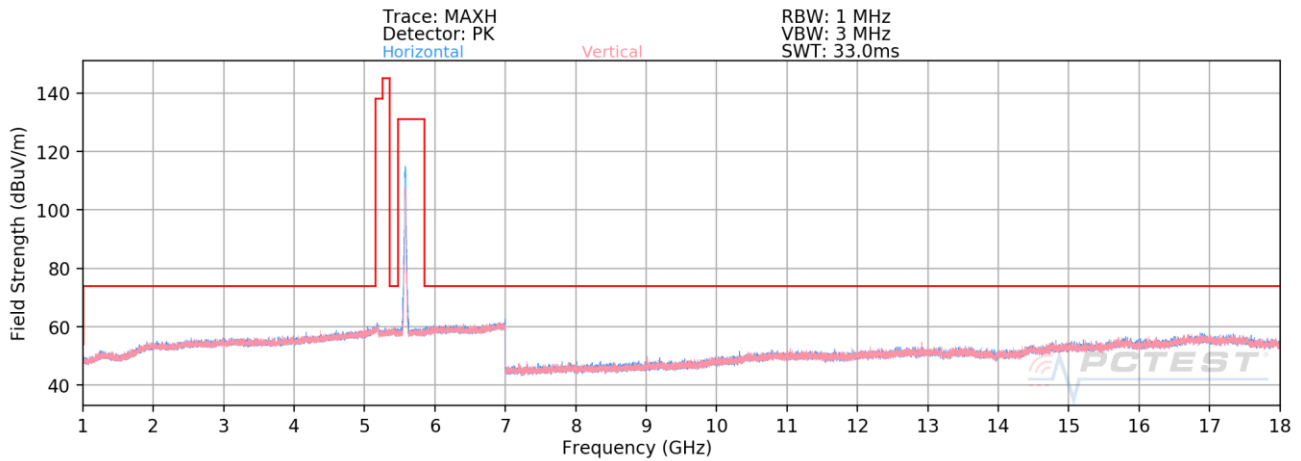


Plot 7-190. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 2A Ch. 64)

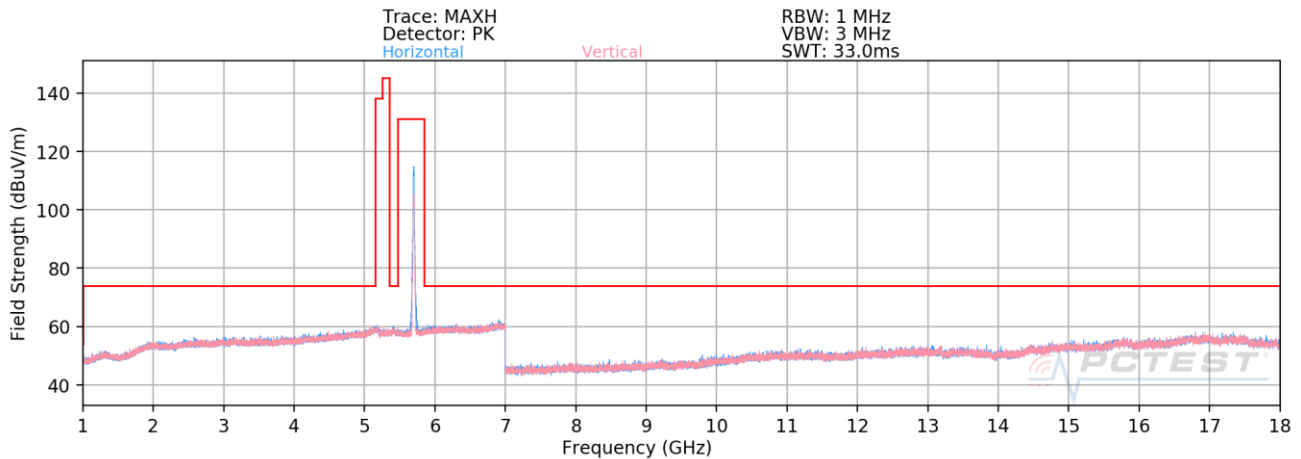
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 139 of 208



Plot 7-191. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 2C Ch. 100)

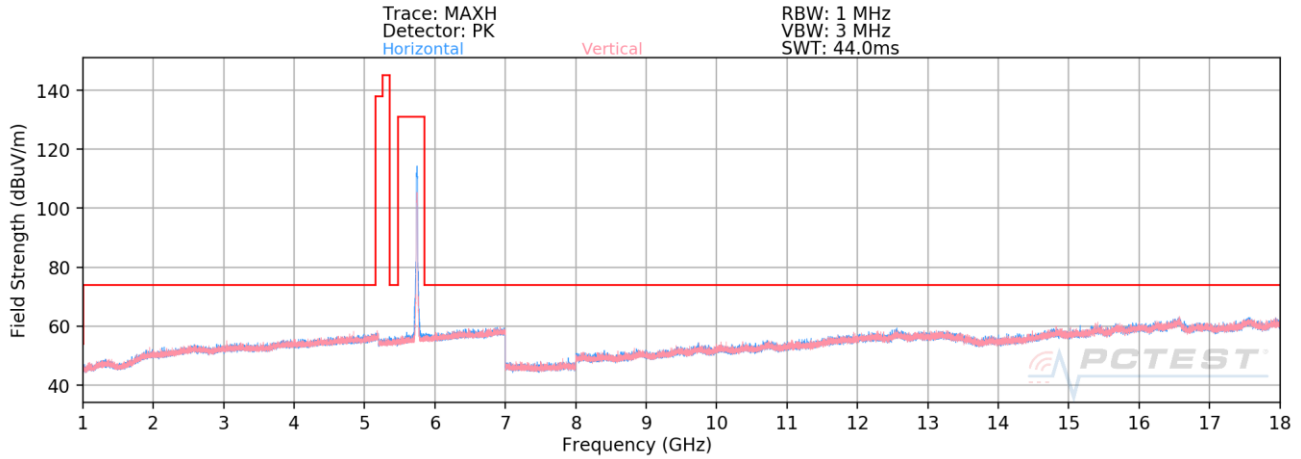


Plot 7-192. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 2C Ch. 116)

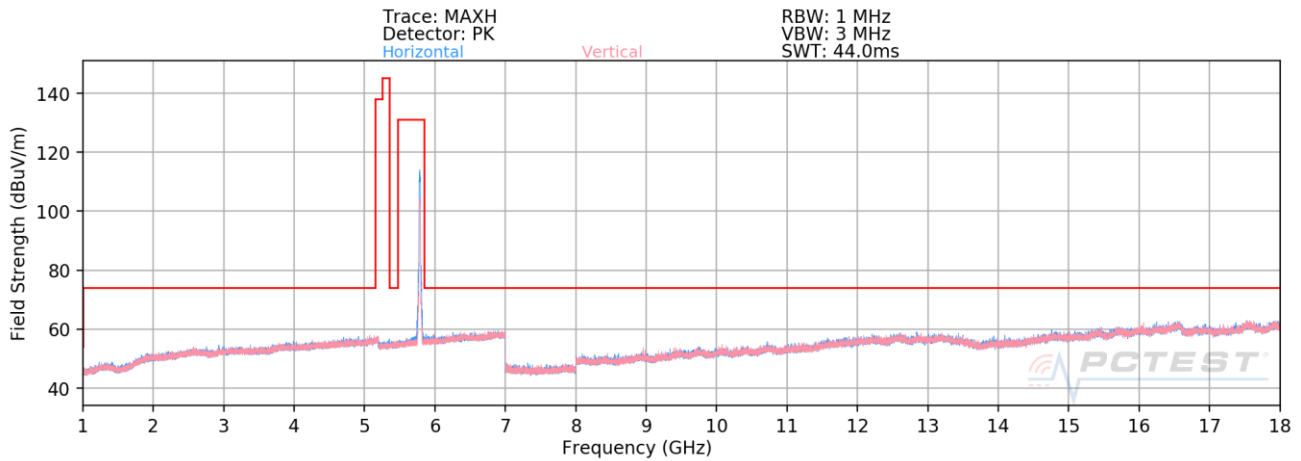


Plot 7-193. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 2C Ch. 144)

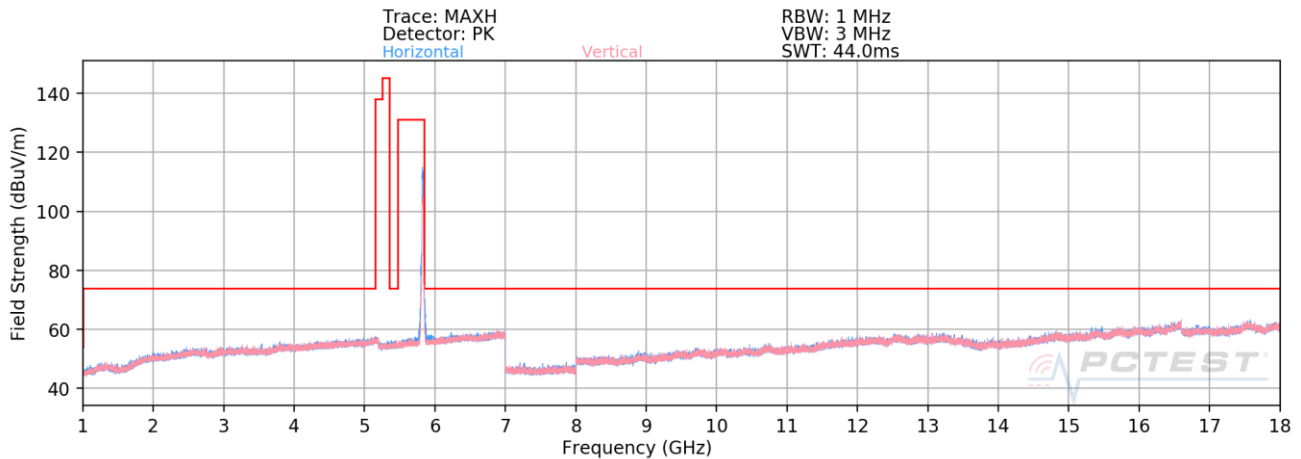
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 140 of 208



Plot 7-194. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 3 Ch. 149)



Plot 7-195. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 3 Ch. 157)



Plot 7-196. Radiated Spurious Emissions above 1GHz ANT WF7a (802.11n – UNII 3 Ch. 165)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 141 of 208

Antenna WF7a Radiated Spurious Emission

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

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-71.41	14.57	50.16	68.20	-18.04
* 15540.00	Average	H	-	-	-83.72	19.85	43.13	53.98	-10.85
* 15540.00	Peak	H	-	-	-72.36	19.85	54.49	73.98	-19.49

Table 7-48. Radiated Measurements ANT WF7a

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-71.03	14.49	50.46	68.20	-17.74
* 15600.00	Average	H	-	-	-83.56	20.15	43.59	53.98	-10.39
* 15600.00	Peak	H	-	-	-72.68	20.15	54.47	73.98	-19.51

Table 7-49. Radiated Measurements ANT WF7a

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 142 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-71.02	14.35	50.33	68.20	-17.87
* 15720.00	Average	H	-	-	-83.42	20.73	44.31	53.98	-9.67
* 15720.00	Peak	H	-	-	-72.89	20.73	54.84	73.98	-19.14

Table 7-50. Radiated Measurements ANT WF7a

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-70.19	14.54	51.35	68.20	-16.85
* 15780.00	Average	H	-	-	-83.96	21.34	44.38	53.98	-9.60
* 15780.00	Peak	H	-	-	-72.87	21.34	55.47	73.98	-18.51

Table 7-51. Radiated Measurements ANT WF7a

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 143 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-70.74	14.17	50.43	68.20	-17.77
* 15840.00	Average	H	-	-	-83.68	21.61	44.93	53.98	-9.05
* 15840.00	Peak	H	-	-	-72.23	21.61	56.38	73.98	-17.60

Table 7-52. Radiated Measurements ANT WF7a

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-82.27	14.67	39.40	53.98	-14.58
* 10640.00	Peak	H	-	-	-70.88	14.67	50.79	73.98	-23.19
* 15960.00	Average	H	-	-	-82.38	21.15	45.77	53.98	-8.21
* 15960.00	Peak	H	-	-	-73.33	21.15	54.82	73.98	-19.16

Table 7-53. Radiated Measurements ANT WF7a

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 144 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-82.76	15.56	39.80	53.98	-14.18
* 11000.00	Peak	H	-	-	-71.75	15.56	50.81	73.98	-23.17
16500.00	Peak	H	-	-	-72.62	21.60	55.98	68.20	-12.22

Table 7-54. Radiated Measurements ANT WF7a

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5580z
Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11160.00	Average	H	-	-	-82.81	15.65	39.84	53.98	-14.14
* 11160.00	Peak	H	-	-	-71.23	15.65	51.42	73.98	-22.56
16740.00	Peak	H	-	-	-72.20	22.90	57.70	68.20	-10.50

Table 7-55. Radiated Measurements ANT WF7a

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 145 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	H	-	-	-83.67	16.36	39.69	53.98	-14.29
* 11440.00	Peak	H	-	-	-72.13	16.36	51.23	73.98	-22.75
17160.00	Peak	H	-	-	-72.60	21.80	56.20	68.20	-12.00

Table 7-56. Radiated Measurements ANT WF7a

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-76.74	14.03	44.29	53.98	-9.69
* 11490.00	Peak	H	-	-	-65.66	14.03	55.37	73.98	-18.61
17235.00	Peak	H	-	-	-66.73	20.11	60.38	68.20	-7.82

Table 7-57. Radiated Measurements ANT WF7a

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 146 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
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	-	-	-76.46	14.21	44.75	53.98	-9.23
* 11570.00	Peak	H	-	-	-65.71	14.21	55.50	73.98	-18.48
17355.00	Peak	H	-	-	-66.47	19.86	60.39	68.20	-7.81

Table 7-58. Radiated Measurements ANT WF7a

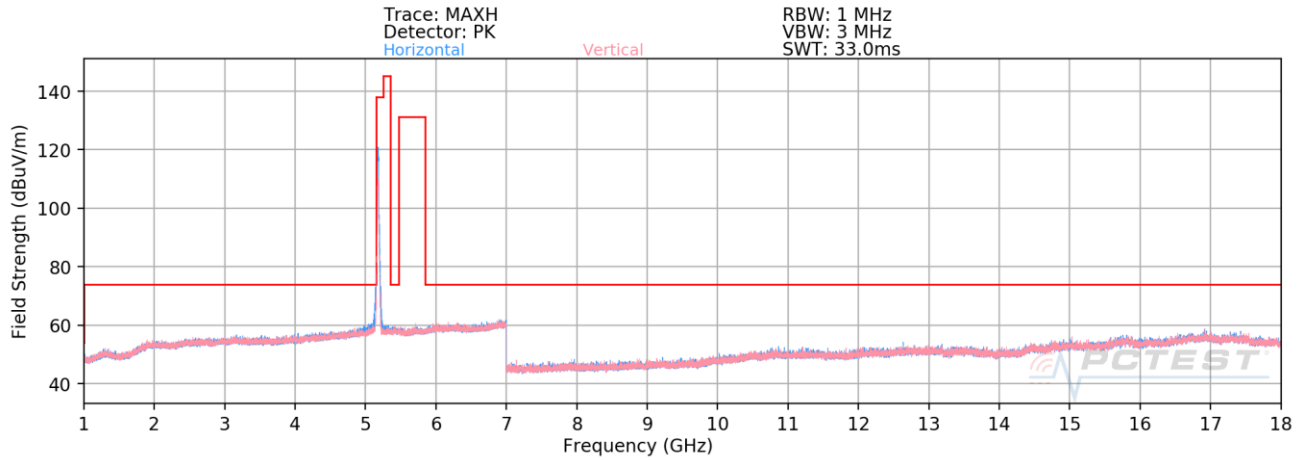
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

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	-	-	-76.23	14.25	45.02	53.98	-8.96
* 11650.00	Peak	H	-	-	-65.90	14.25	55.35	73.98	-18.63
17475.00	Peak	H	-	-	-66.72	20.58	60.86	68.20	-7.34

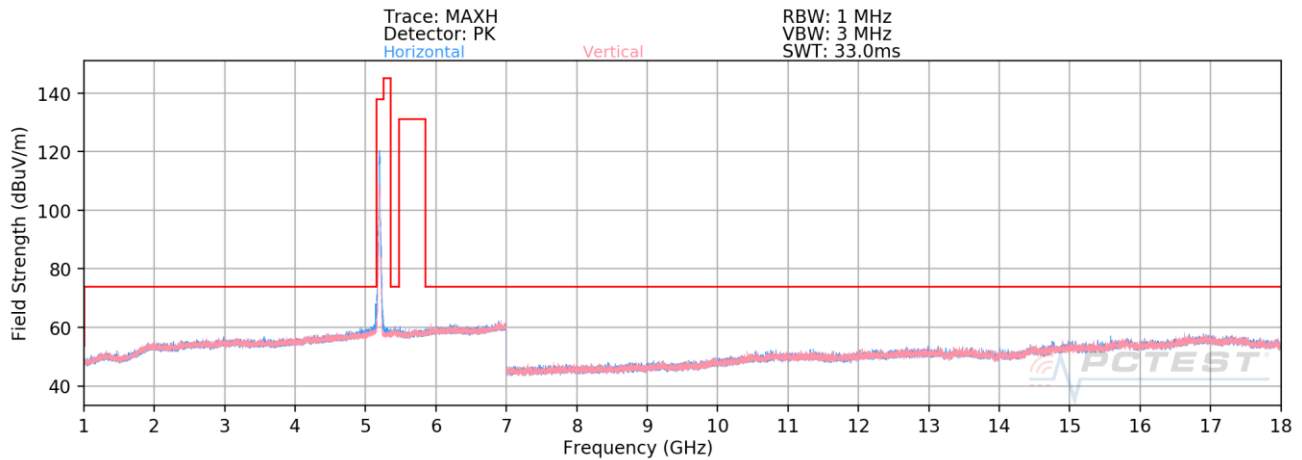
Table 7-59. Radiated Measurements ANT WF7a

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 147 of 208

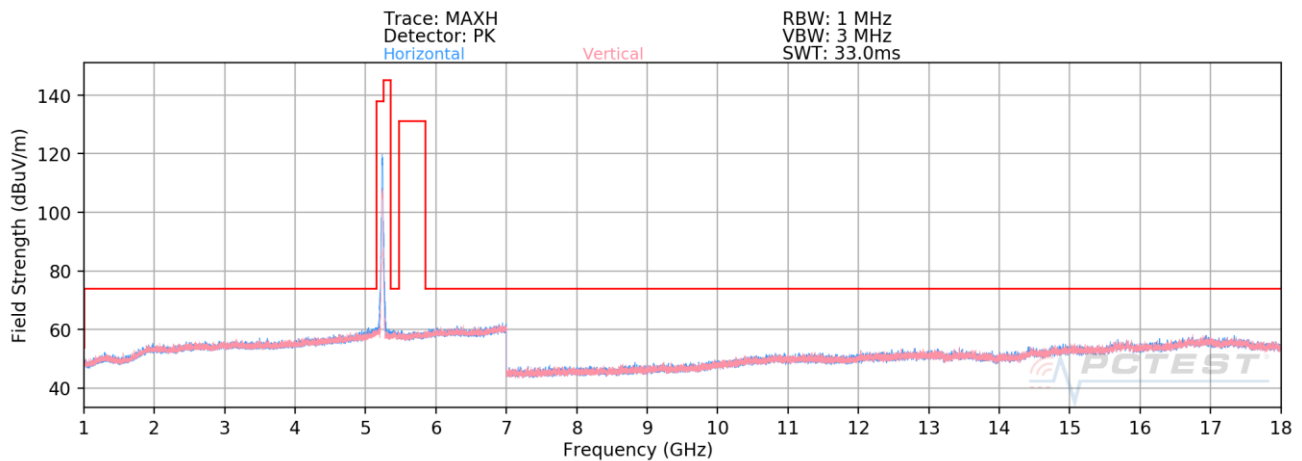
7.6.3 CDD/SDM Radiated Spurious Emission



Plot 7-197. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 1 Ch. 36)

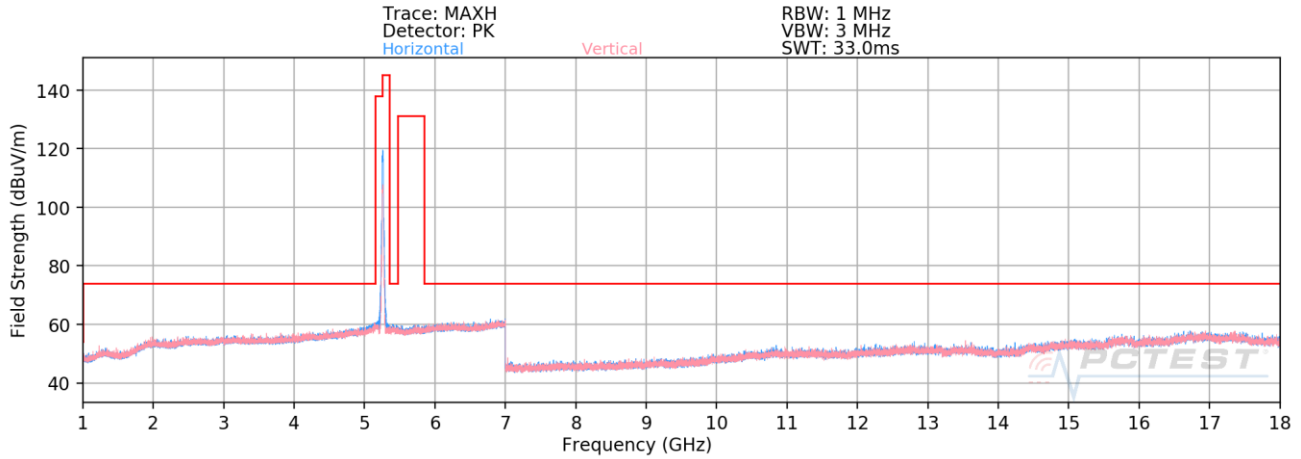


Plot 7-198. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 1 Ch. 40)

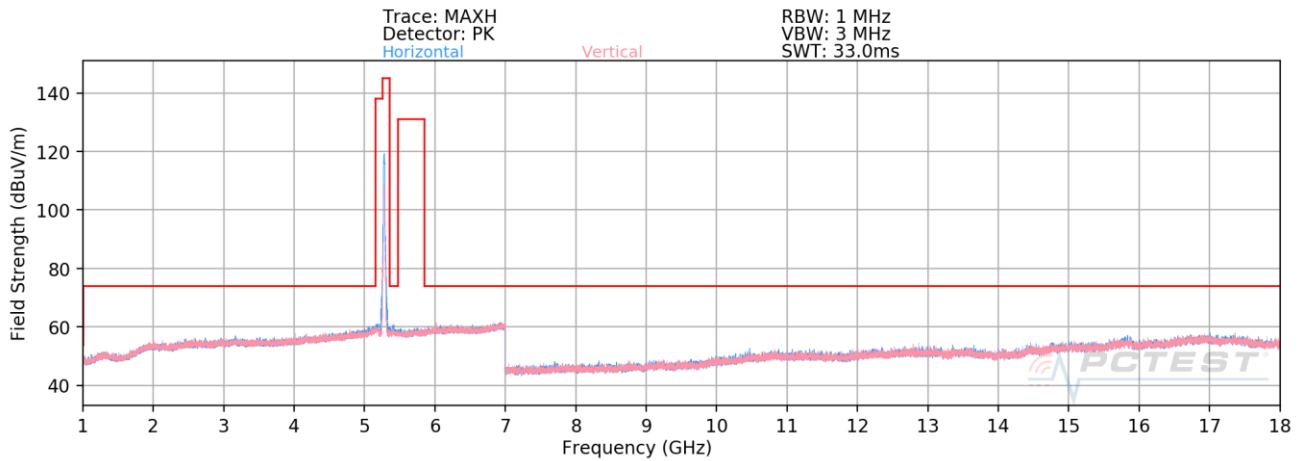


Plot 7-199. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 1 Ch. 48)

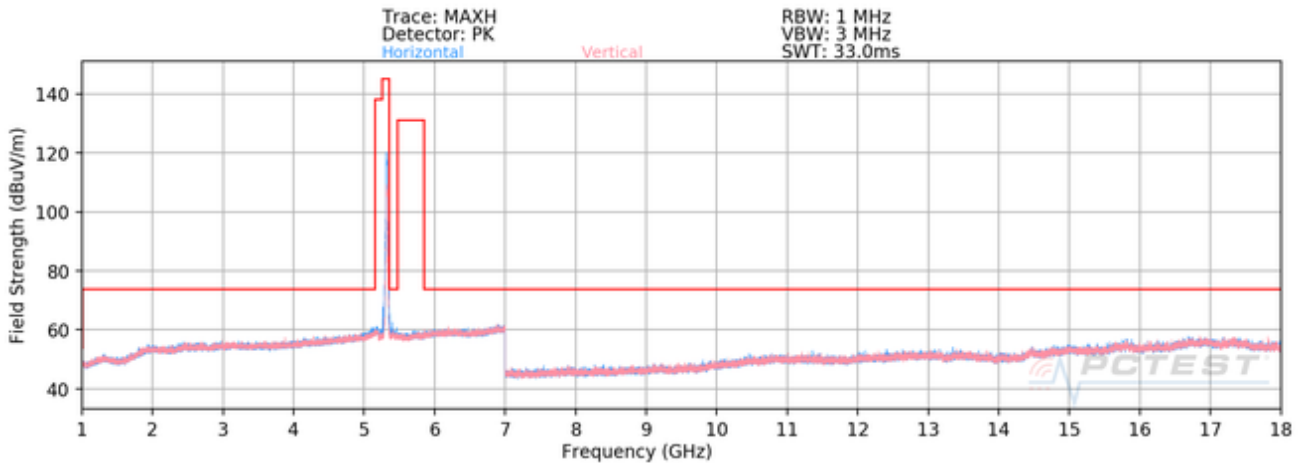
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 148 of 208



Plot 7-200. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 2A Ch. 52)

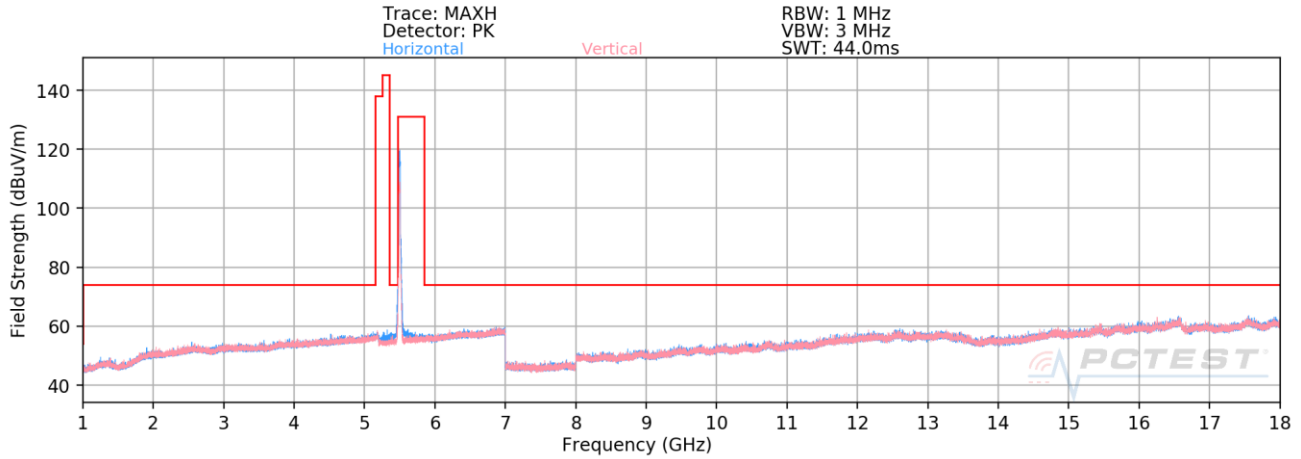


Plot 7-201. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 2A Ch. 56)

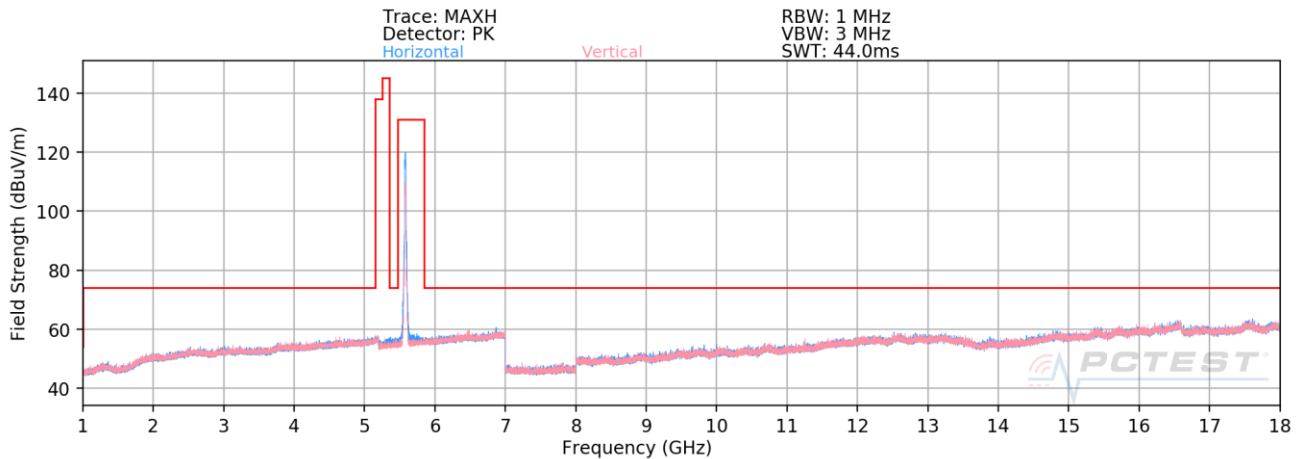


Plot 7-202. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 2A Ch. 64)

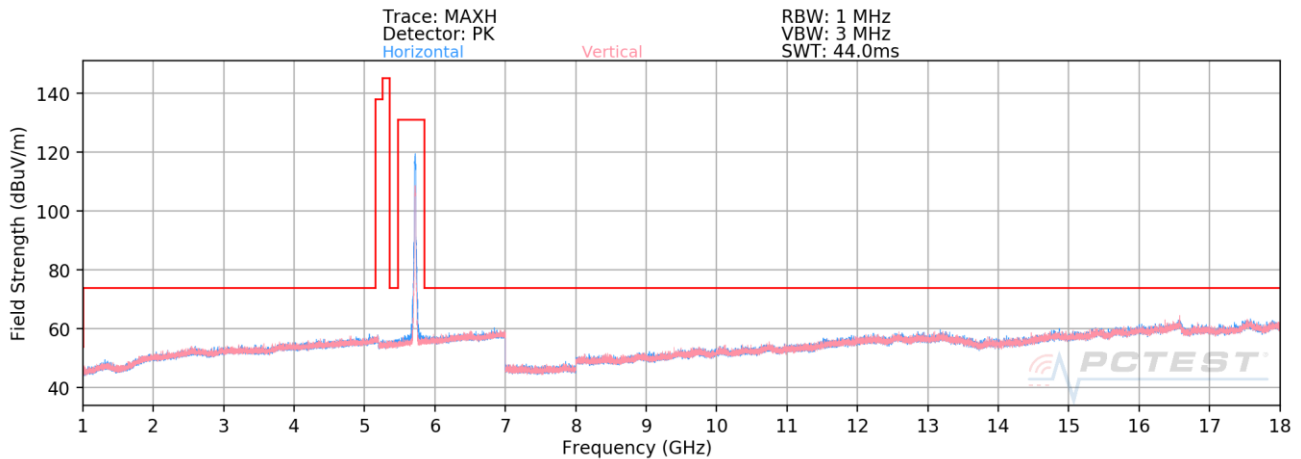
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 149 of 208



Plot 7-203. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 2C Ch. 100)

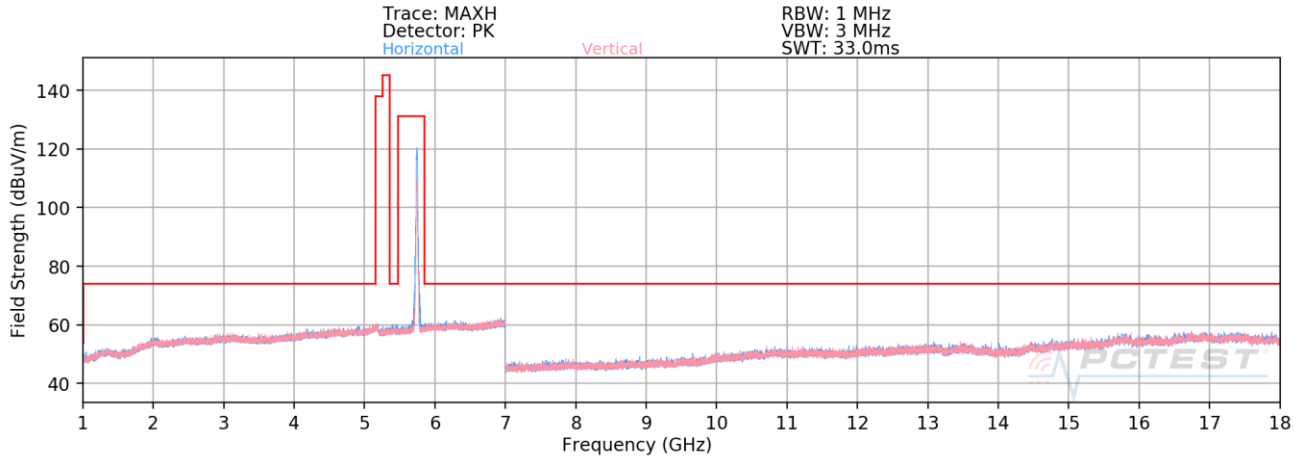


Plot 7-204. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 2C Ch. 116)

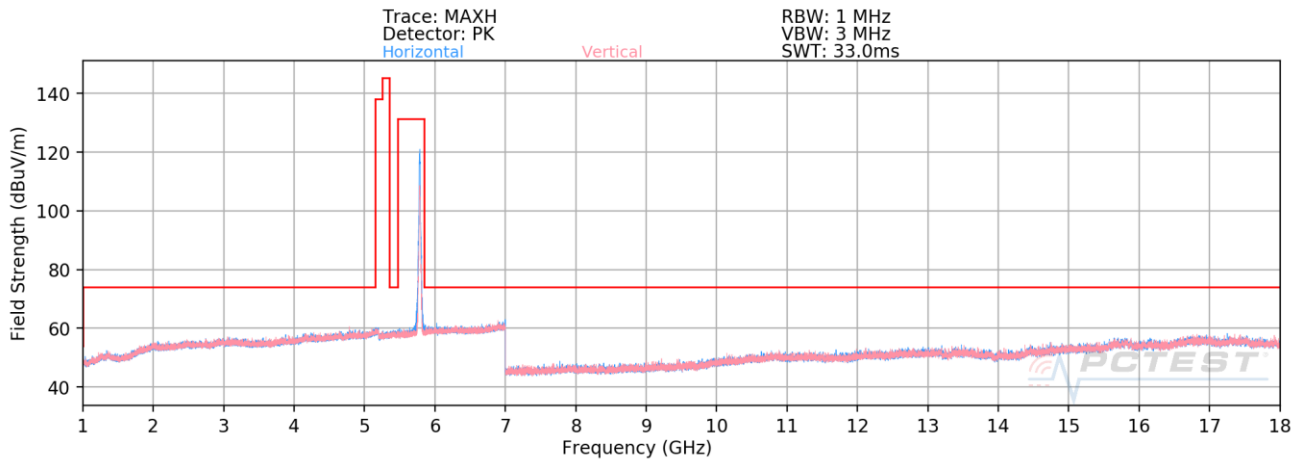


Plot 7-205. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 2C Ch. 144)

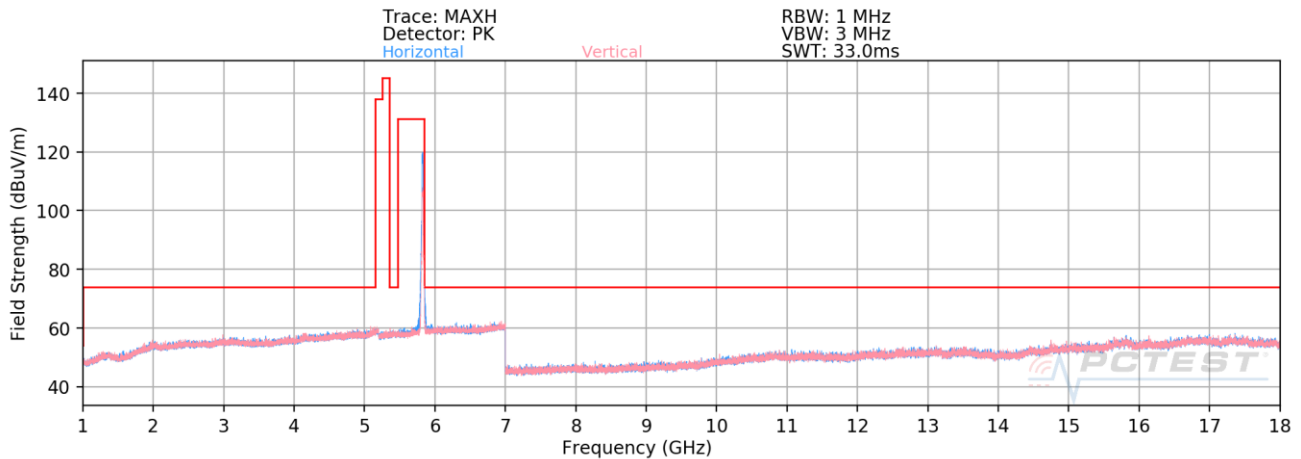
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 150 of 208



Plot 7-206. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 3 Ch. 149)



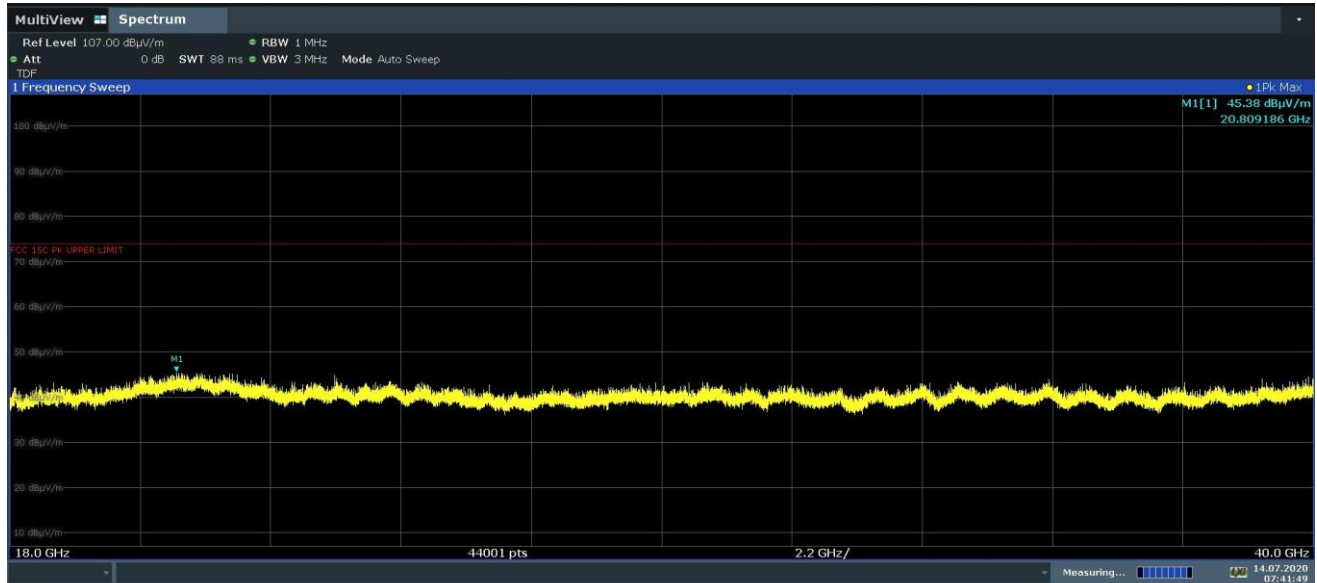
Plot 7-207. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 3 Ch. 157)



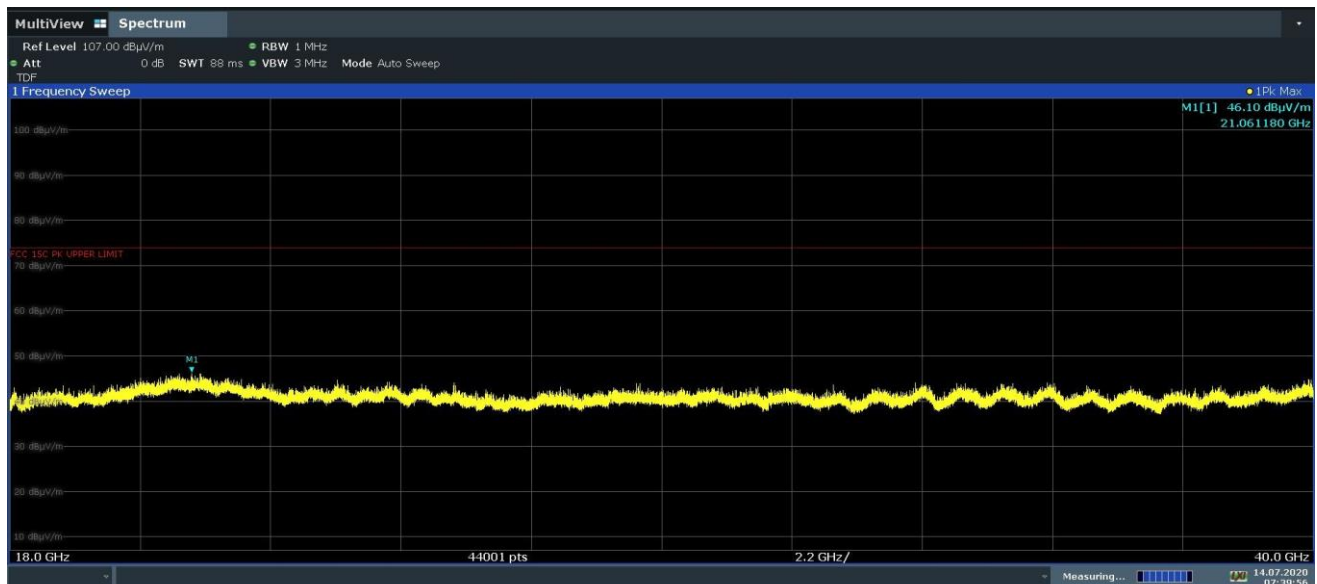
Plot 7-208. Radiated Spurious Emissions above 1GHz CDD (802.11n – UNII 3 Ch. 165)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 151 of 208

CDD/SDM Radiated Spurious Emissions (Above 18GHz)



Plot 7-209. Radiated Spurious Emissions 18GHz - 40GHz CDD (802.11n – Ch.36, Pol. H)



Plot 7-210. Radiated Spurious Emissions 18GHz - 40GHz CDD (802.11n – Ch.36, Pol. V)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 152 of 208

CDD/SDM Radiated Spurious Emission

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

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-71.53	14.57	50.04	68.20	-18.16
* 15540.00	Average	H	-	-	-84.17	19.85	42.68	53.98	-11.30
* 15540.00	Peak	H	-	-	-72.69	19.85	54.16	73.98	-19.82

Table 7-60. Radiated Measurements CDD

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-71.15	14.49	50.34	68.20	-17.86
* 15600.00	Average	H	-	-	-83.84	20.15	43.31	53.98	-10.67
* 15600.00	Peak	H	-	-	-72.23	20.15	54.92	73.98	-19.06

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 153 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-70.70	14.35	50.65	68.20	-17.55
* 15720.00	Average	H	-	-	-83.93	20.73	43.80	53.98	-10.18
* 15720.00	Peak	H	-	-	-72.47	20.73	55.26	73.98	-18.72

Table 7-62. Radiated Measurements CDD

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-70.55	14.54	50.99	68.20	-17.21
* 15780.00	Average	H	-	-	-84.94	21.34	43.40	53.98	-10.58
* 15780.00	Peak	H	-	-	-73.68	21.34	54.66	73.98	-19.32

Table 7-63. Radiated Measurements CDD

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 154 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-69.79	14.17	51.38	68.20	-16.82
* 15840.00	Average	H	-	-	-85.50	21.61	43.11	53.98	-10.87
* 15840.00	Peak	H	-	-	-74.84	21.61	53.77	73.98	-20.21

Table 7-64. Radiated Measurements CDD

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-82.43	14.67	39.24	53.98	-14.74
* 10640.00	Peak	H	-	-	-77.88	14.67	43.79	73.98	-30.19
* 15960.00	Average	H	-	-	-83.26	21.15	44.89	53.98	-9.09
* 15960.00	Peak	H	-	-	-72.16	21.15	55.99	73.98	-17.99

Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 155 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-79.89	15.56	42.67	53.98	-11.31
* 11000.00	Peak	H	-	-	-69.30	15.56	53.26	73.98	-20.72
16500.00	Peak	H	-	-	-70.01	21.60	58.59	68.20	-9.61

Table 7-66. Radiated Measurements CDD

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-80.24	15.65	42.41	53.98	-11.57
* 11160.00	Peak	H	-	-	-69.98	15.65	52.67	73.98	-21.31
16740.00	Peak	H	-	-	-71.01	22.90	58.89	68.20	-9.31

Table 7-67. Radiated Measurements CDD

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 156 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	H	-	-	-80.19	16.36	43.17	53.98	-10.81
* 11440.00	Peak	H	-	-	-69.05	16.36	54.31	73.98	-19.67
17160.00	Peak	H	-	-	-69.36	21.80	59.44	68.20	-8.76

Table 7-68. Radiated Measurements CDD

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-83.61	16.43	39.82	53.98	-14.16
* 11490.00	Peak	H	-	-	-72.09	16.43	51.34	73.98	-22.64
17235.00	Peak	H	-	-	-72.21	22.05	56.84	68.20	-11.36

Table 7-69. Radiated Measurements CDD

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 157 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	-	-	-83.71	16.26	39.55	53.98	-14.43
* 11570.00	Peak	H	-	-	-72.76	16.26	50.50	73.98	-23.48
17355.00	Peak	H	-	-	-72.87	22.82	56.95	68.20	-11.25

Table 7-70. Radiated Measurements CDD

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
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	386	51	-84.19	16.71	39.52	53.98	-14.46
* 11650.00	Peak	H	386	51	-72.18	16.71	51.53	73.98	-22.45
17475.00	Peak	H	-	-	-73.17	22.03	55.86	68.20	-12.34

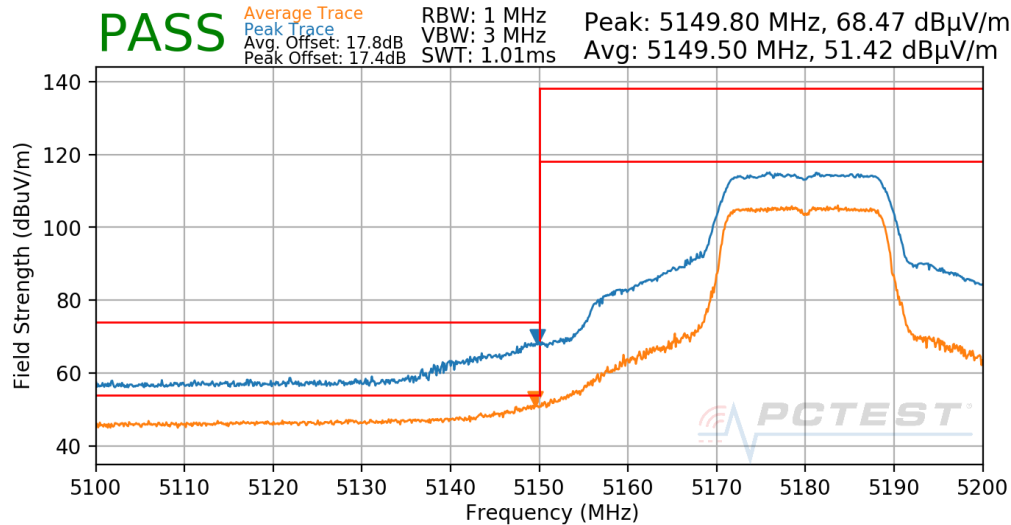
Table 7-71. Radiated Measurements CDD

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 158 of 208

7.6.4 Antenna WF8 Radiated Band Edge Measurements (20MHz BW)

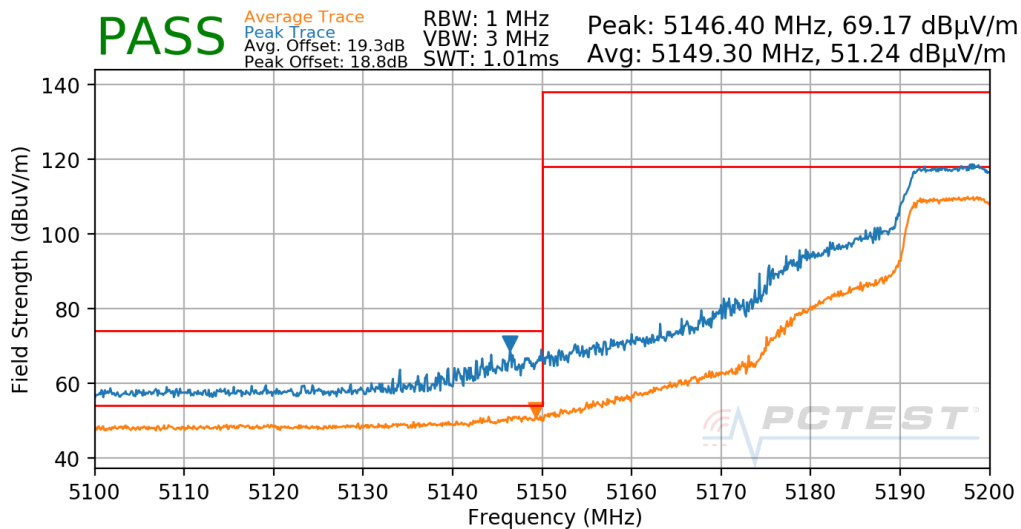
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36



Plot 7-211. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 1)

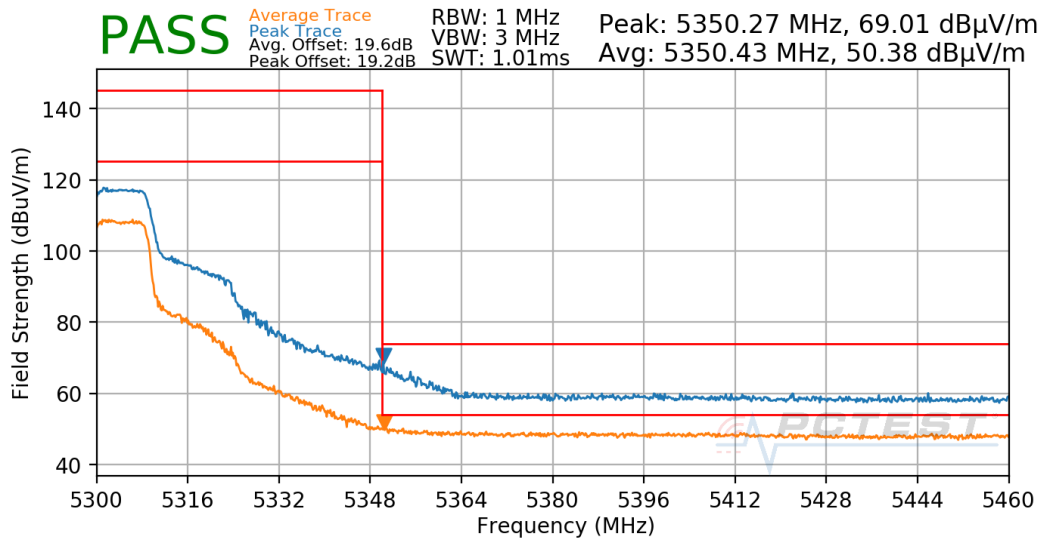
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40



Plot 7-212. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 1)

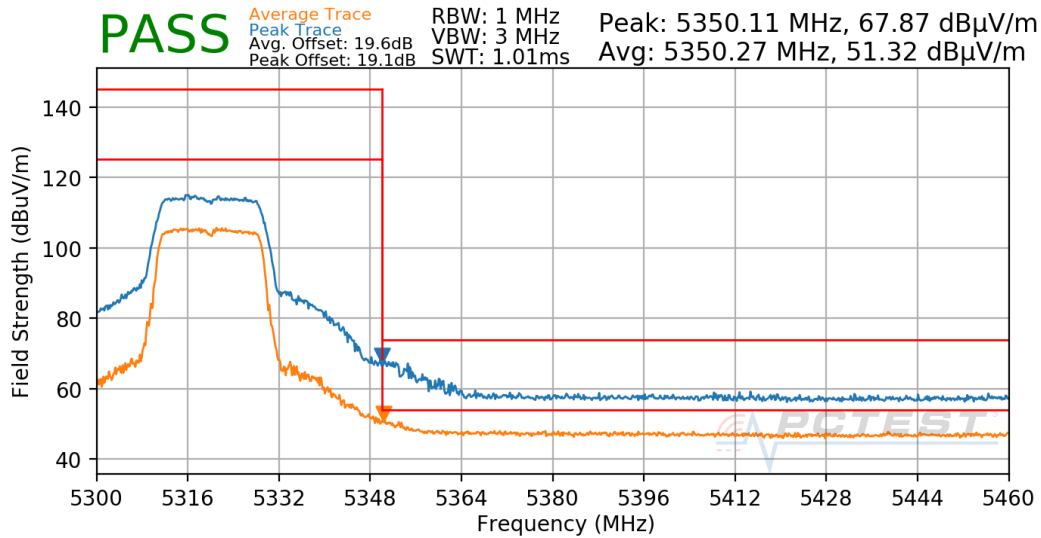
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 159 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5300MHz
Channel: 60



Plot 7-213. Radiated Upper Band Edge Plot ANT WF8 (UNII Band 2A)

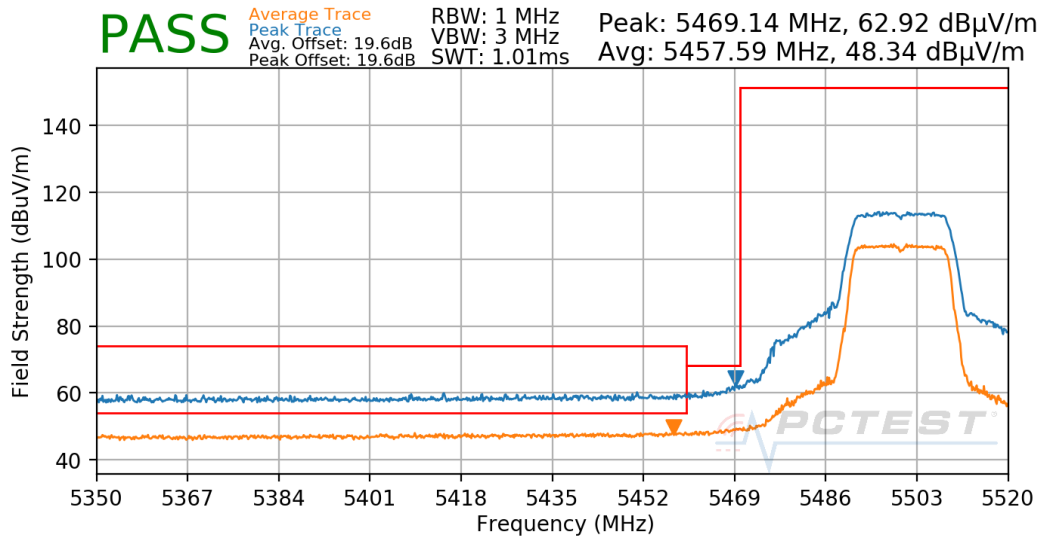
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64



Plot 7-214. Radiated Upper Band Edge Plot ANT WF8 (UNII Band 2A)

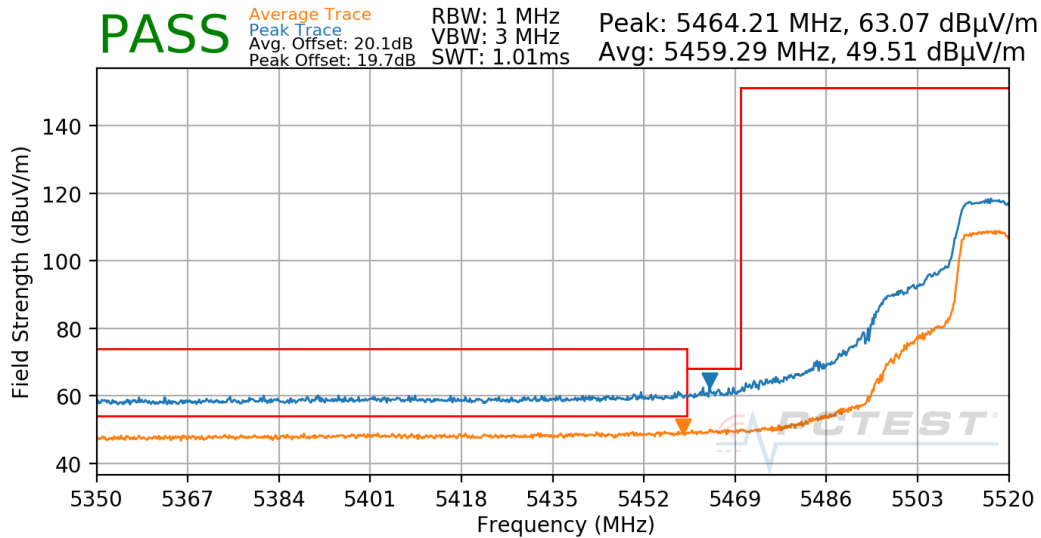
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 160 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100



Plot 7-215. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 2C)

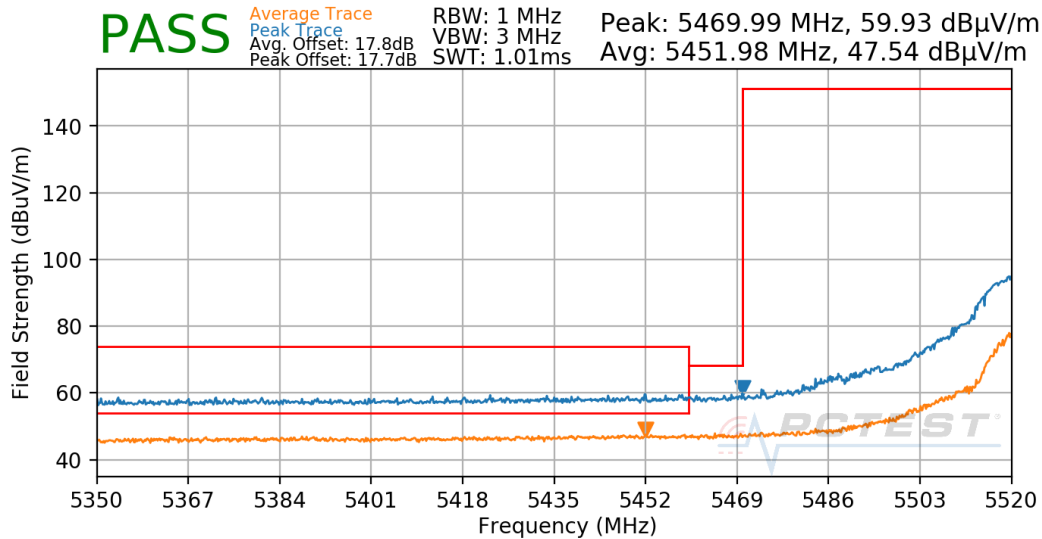
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5520MHz
Channel: 104



Plot 7-216. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 2C)

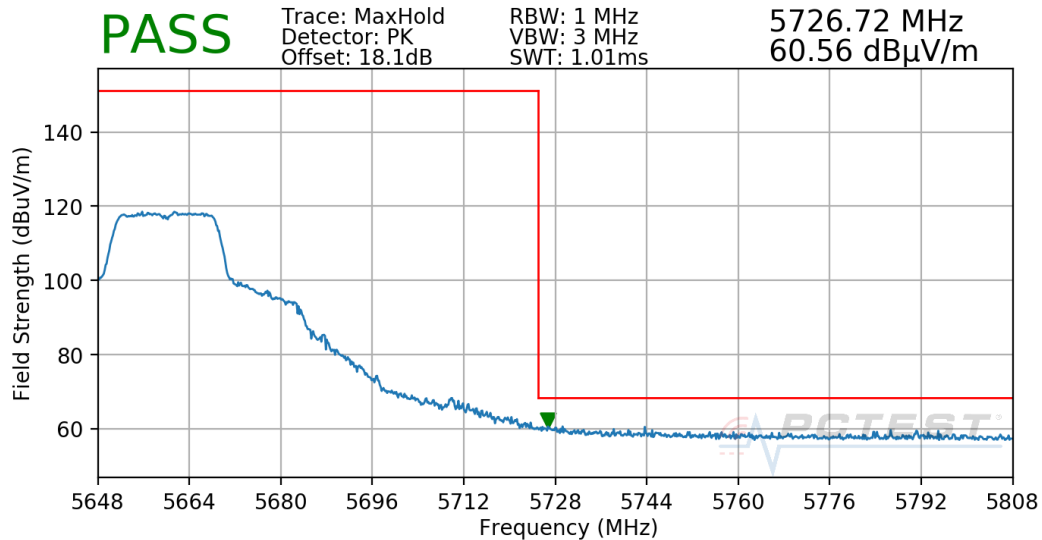
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 161 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5540MHz
Channel: 108



Plot 7-217. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 2C)

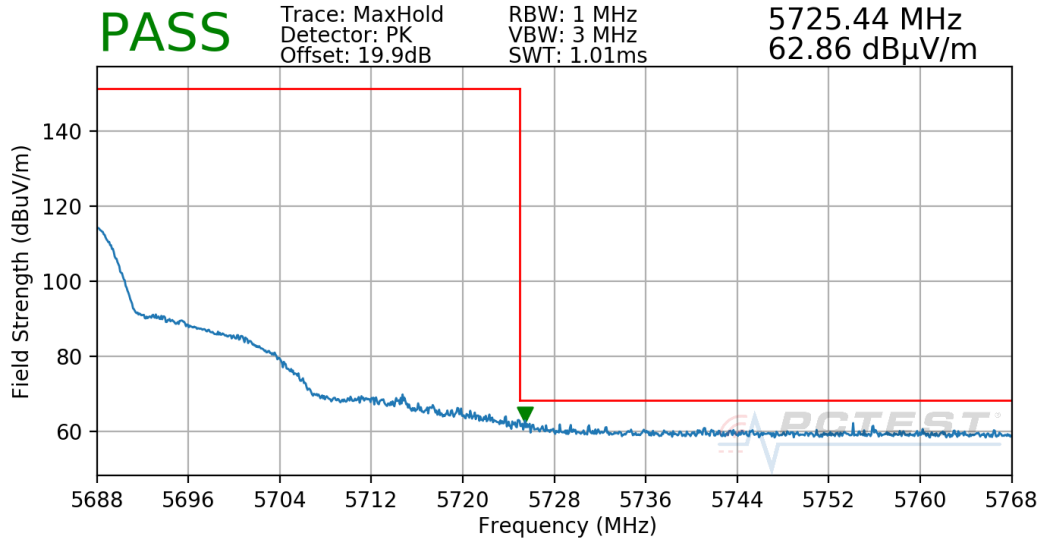
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5660MHz
Channel: 132



Plot 7-218. Radiated Upper Band Edge Plot ANT WF8 (Peak - UNII Band 2C)

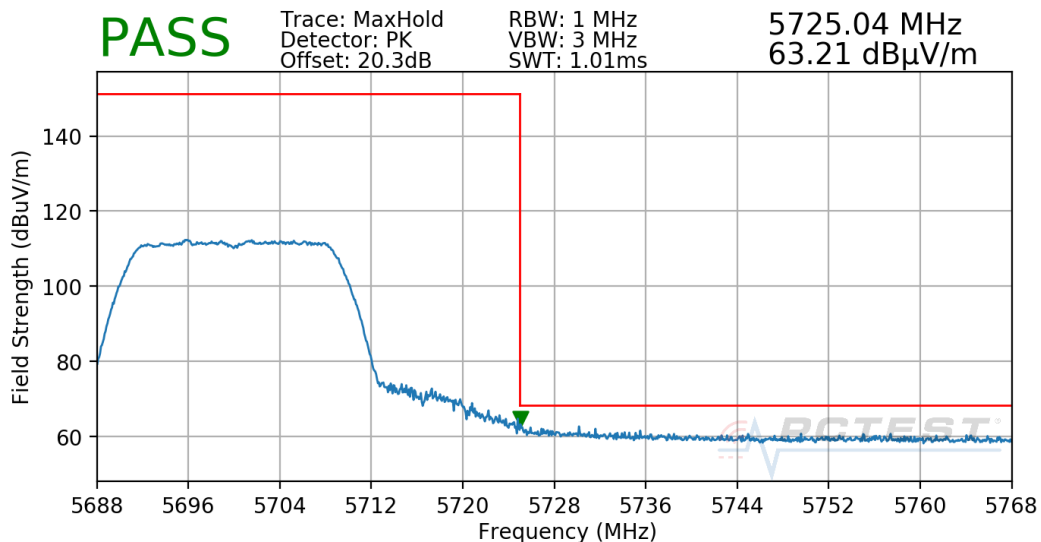
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 162 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5680MHz
Channel: 136



Plot 7-219. Radiated Upper Band Edge Plot ANT WF8 (Peak – UNII Band 2C)

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5700MHz
Channel: 140

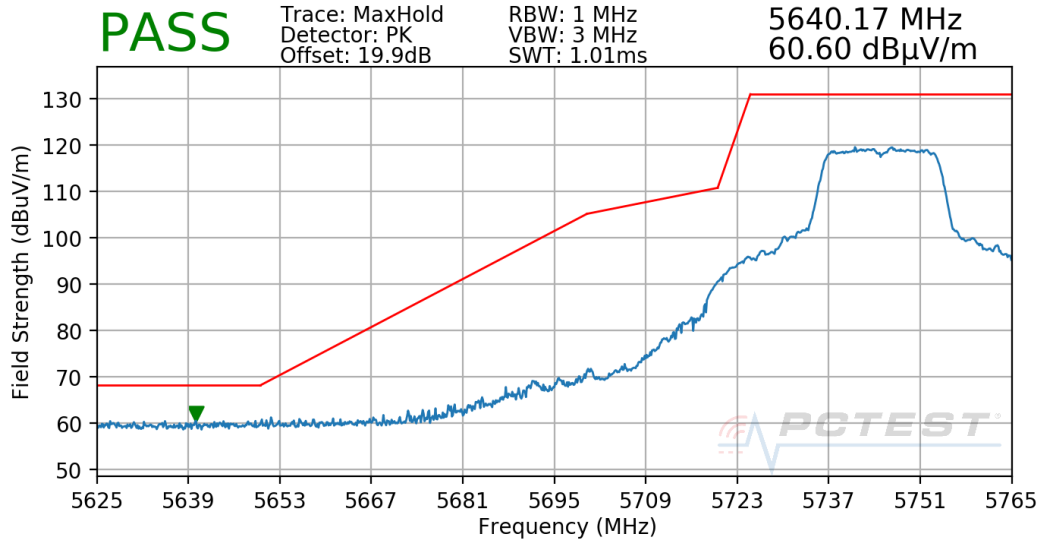


Plot 7-220. Radiated Upper Band Edge Plot ANT WF8 (Peak – UNII Band 2C)

Worst Case Mode: 802.11n

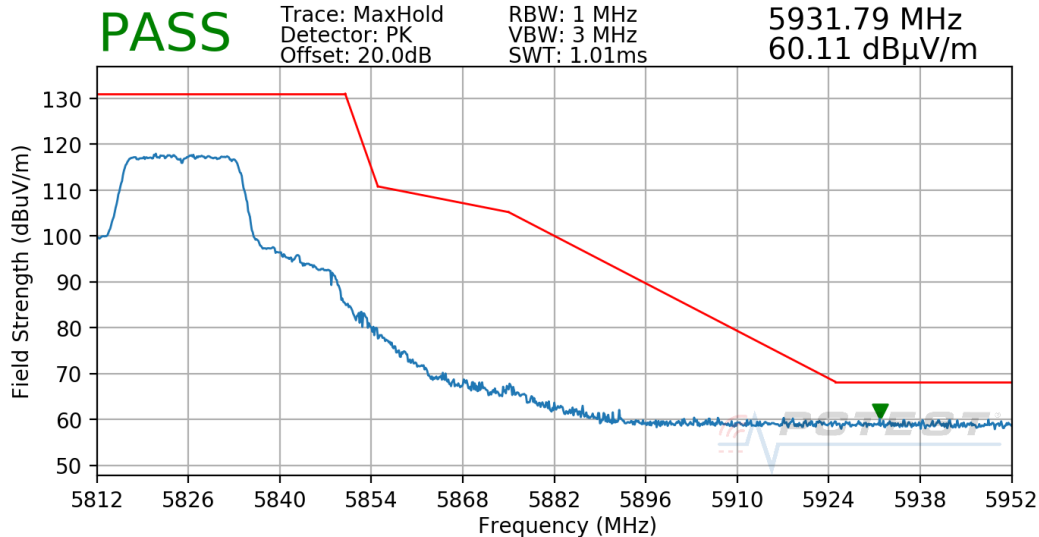
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 163 of 208

Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5745MHz
Channel: 149



Plot 7-221. Radiated Lower Band Edge Plot ANT WF8 (Peak – UNII Band 3)

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165



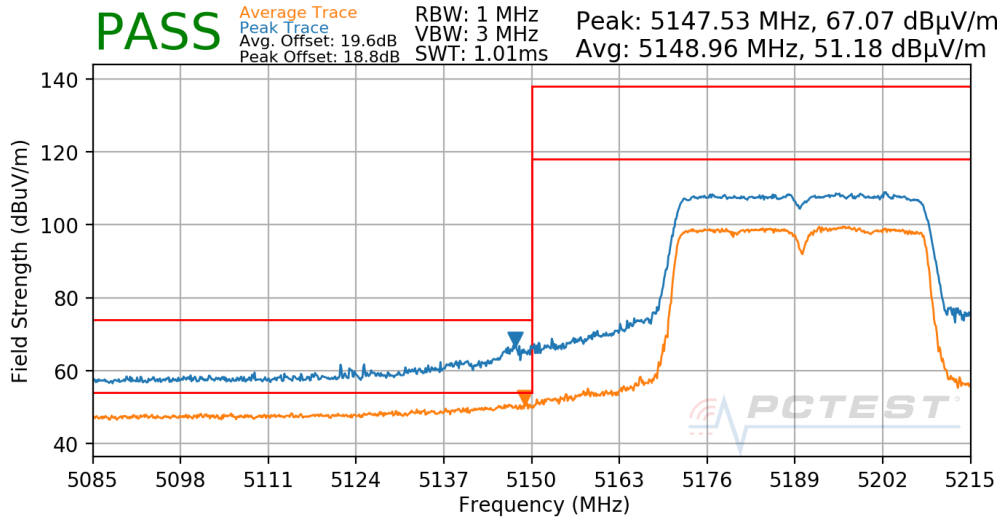
Plot 7-222. Radiated Upper Band Edge Plot ANT WF8 (Peak – UNII Band 3)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 164 of 208

7.6.5 Antenna WF8 Radiated Band Edge Measurements (40MHz BW)

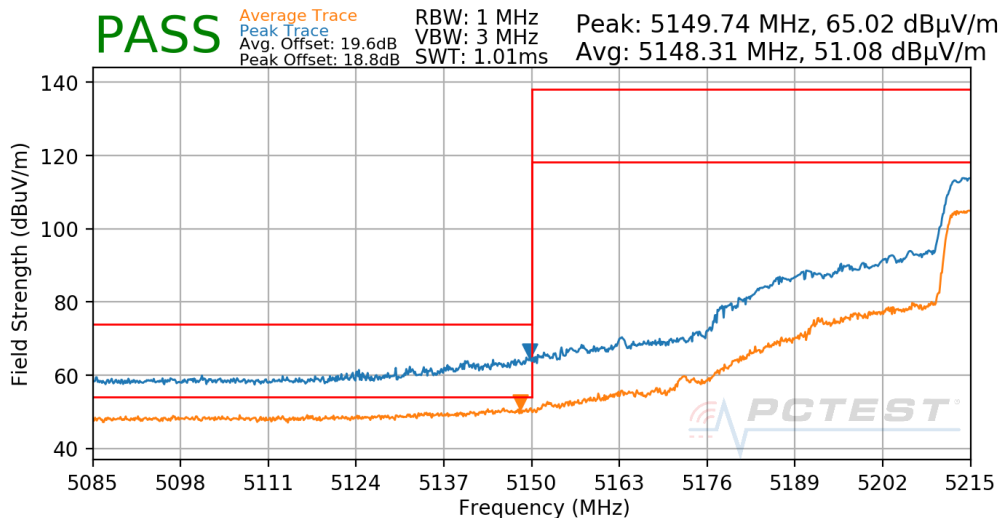
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38



Plot 7-223. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 1)

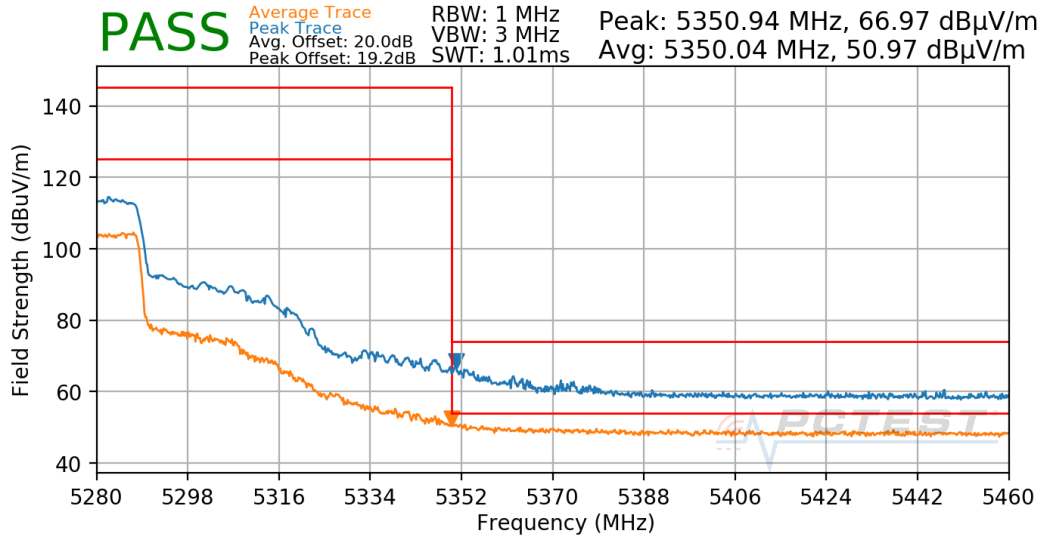
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	5230MHz
Channel:	46



Plot 7-224. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 1)

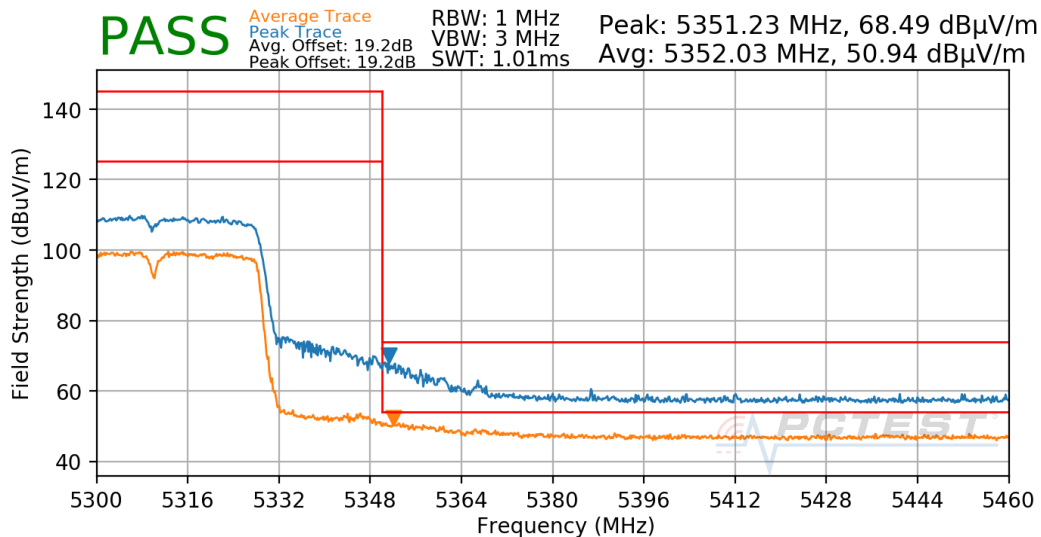
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 165 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5270MHz
Channel: 54



Plot 7-225. Radiated Upper Band Edge Plot ANT WF8 (UNII Band 2A)

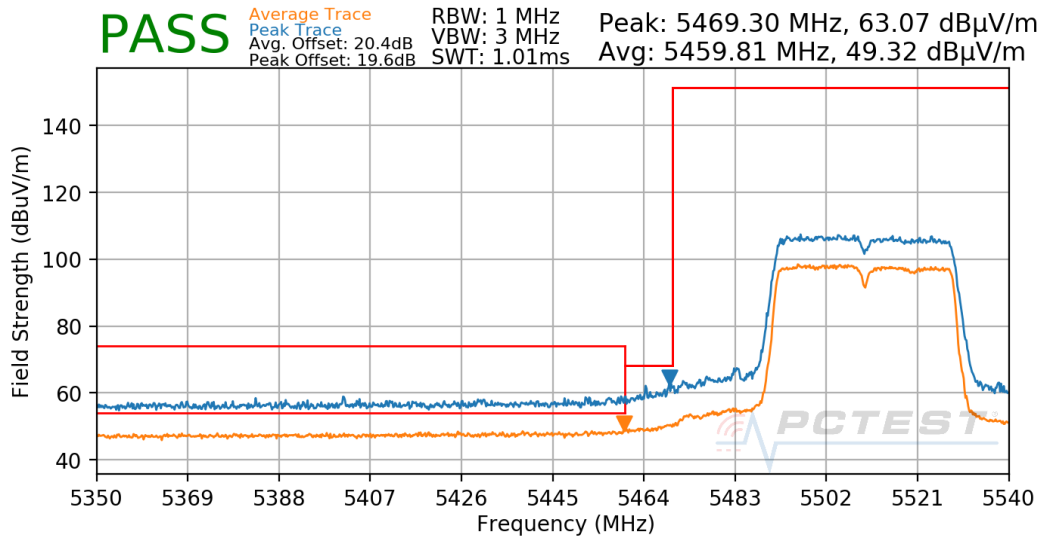
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5310MHz
Channel: 62



Plot 7-226. Radiated Upper Band Edge Plot ANT WF8 (UNII Band 2A)

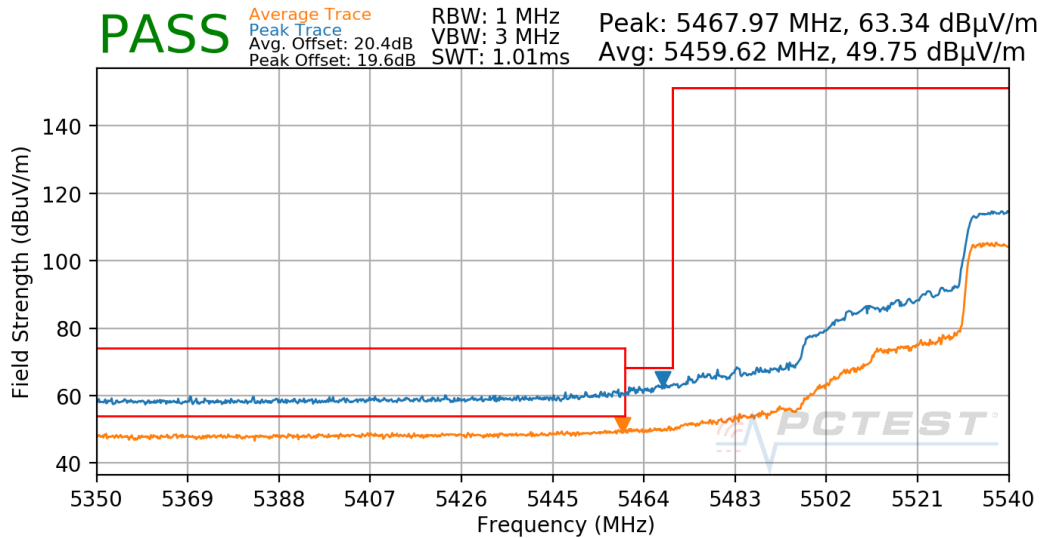
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 166 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5510MHz
Channel: 102



Plot 7-227. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 2C)

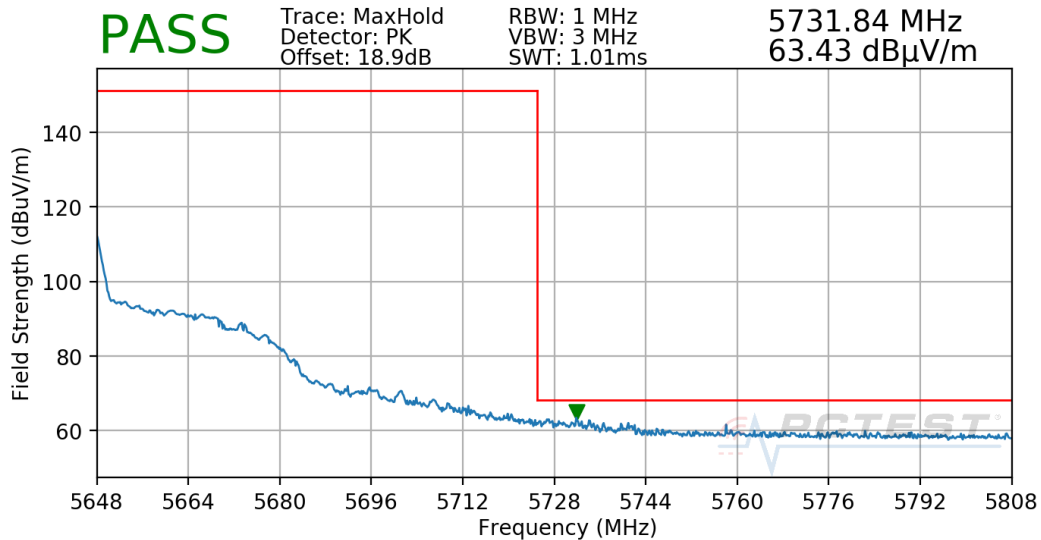
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5550MHz
Channel: 110



Plot 7-228. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 2C)

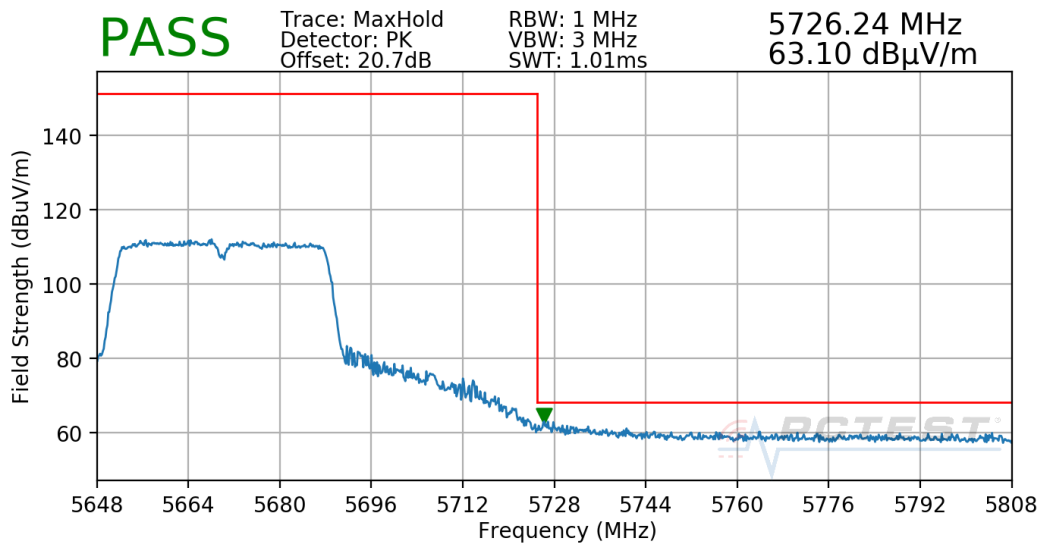
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 167 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5630MHz
Channel: 126



Plot 7-229. Radiated Upper Band Edge Plot ANT WF8 (Peak - UNII Band 2C)

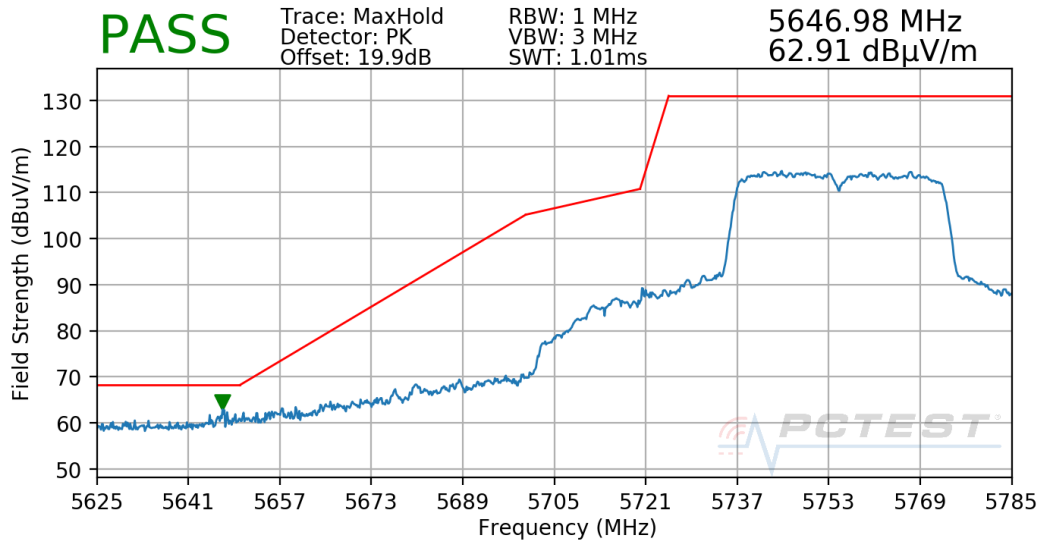
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5670MHz
Channel: 134



Plot 7-230. Radiated Upper Band Edge Plot ANT WF8 (Peak - UNII Band 2C)

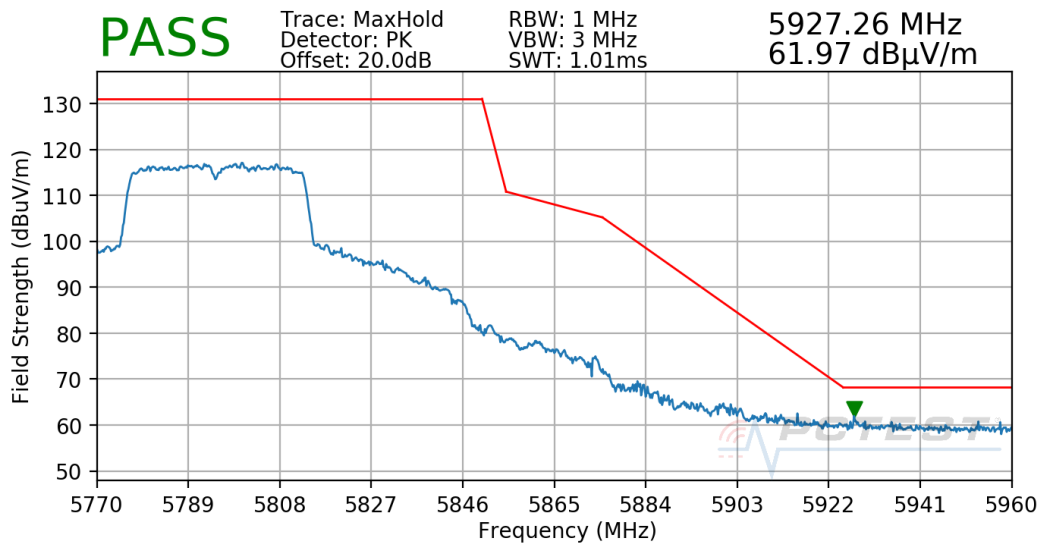
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 168 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5755MHz
Channel: 151



Plot 7-231. Radiated Lower Band Edge Plot ANT WF8 (Peak – UNII Band 3)

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5795MHz
Channel: 159



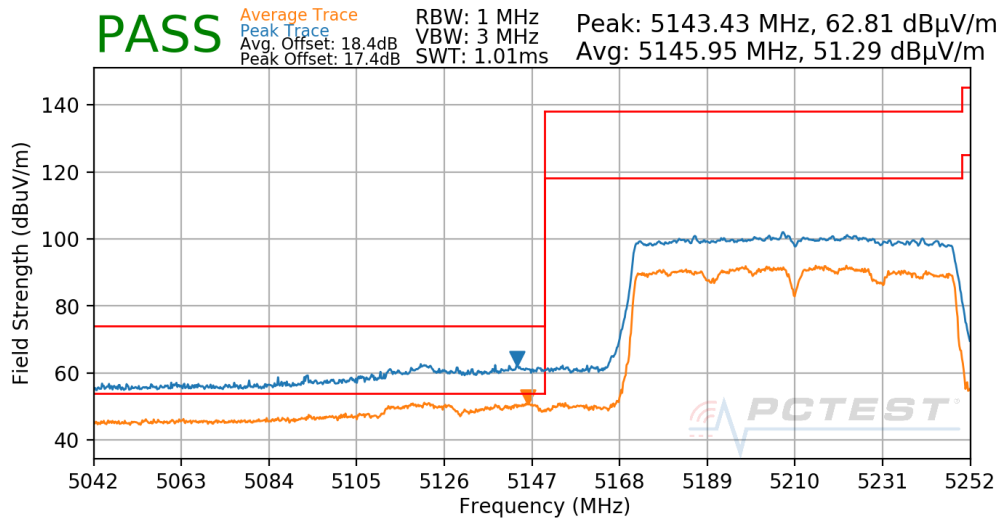
Plot 7-232. Radiated Upper Band Edge Plot ANT WF8 (Peak – UNII Band 3)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 169 of 208

7.6.6 Antenna WF8 Radiated Band Edge Measurements (80MHz BW)

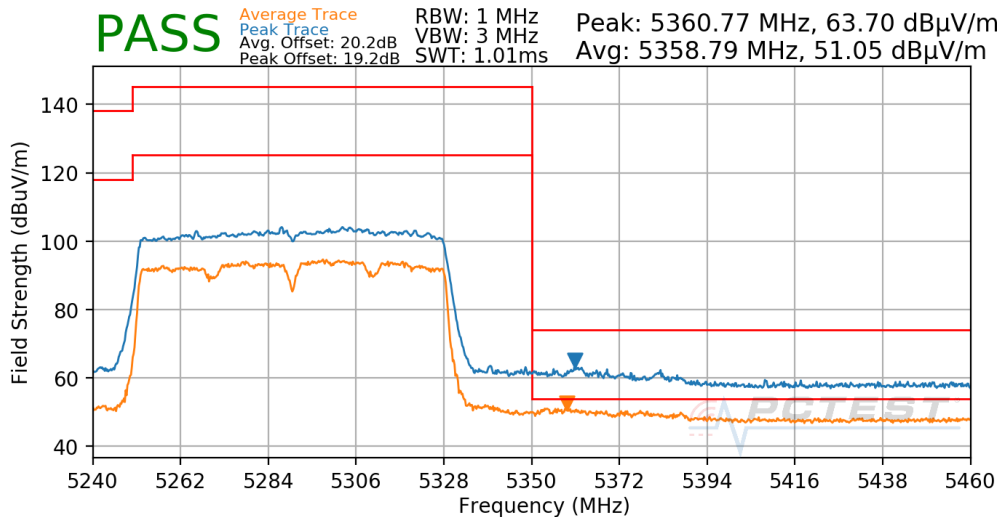
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS9
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42



Plot 7-233. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 1)

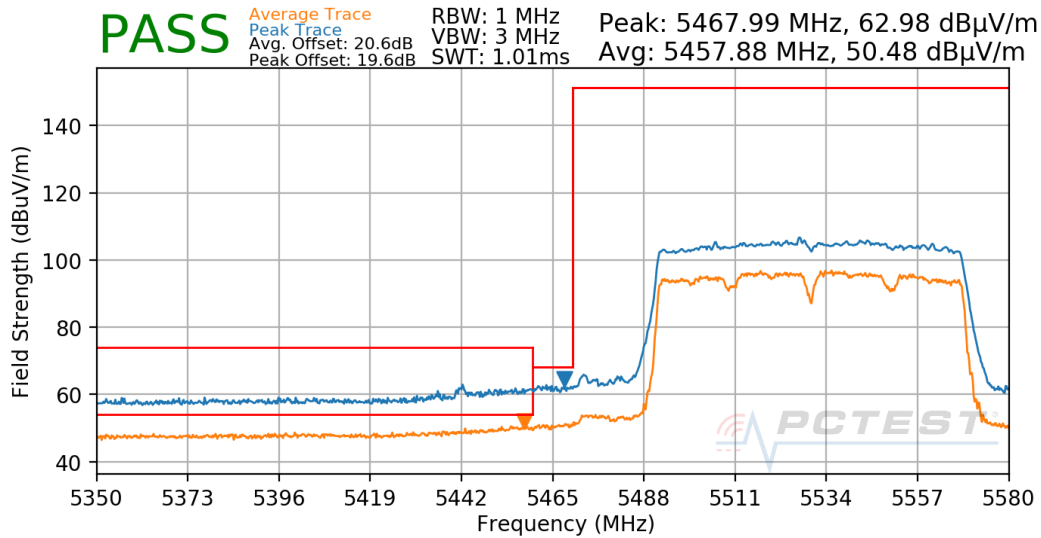
Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS9
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



Plot 7-234. Radiated Upper Band Edge Plot ANT WF8 (UNII Band 2A)

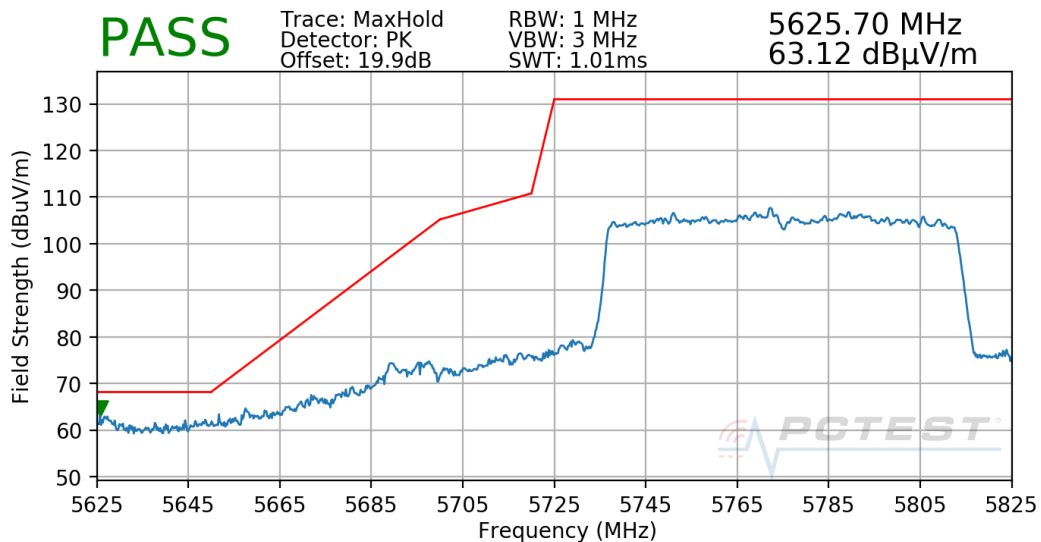
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 170 of 208

Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS9
Distance of Measurements: 3 Meters
Operating Frequency: 5530MHz
Channel: 106



Plot 7-235. Radiated Lower Band Edge Plot ANT WF8 (UNII Band 2C)

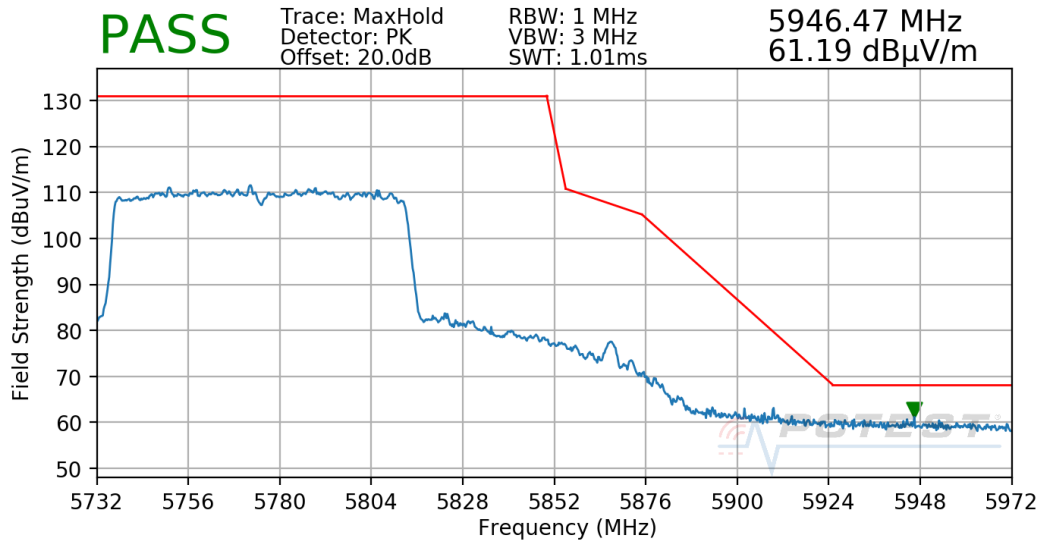
Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS9
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



Plot 7-236. Radiated Lower Band Edge Plot ANT WF8 (Peak - UNII Band 3)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 171 of 208

Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS9
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



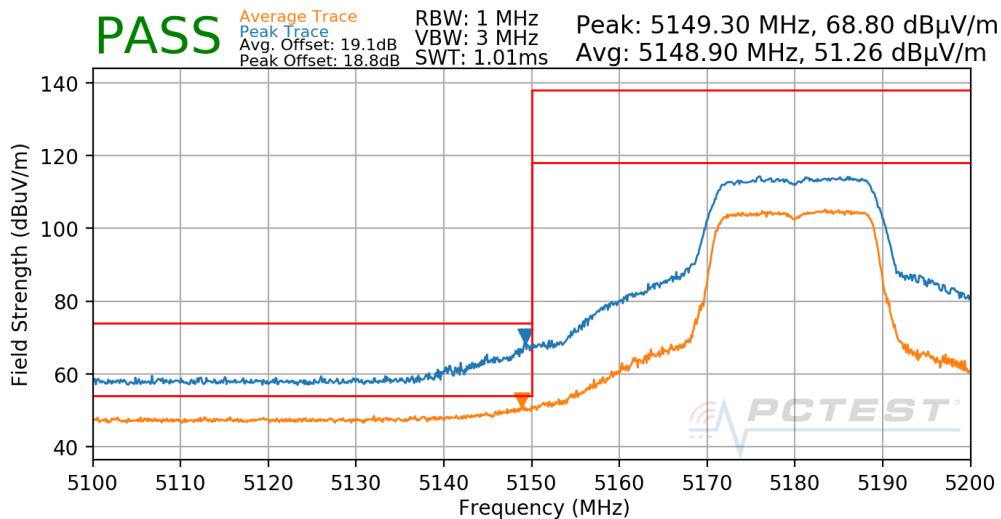
Plot 7-237. Radiated Upper Band Edge Plot ANT WF8 (Peak – UNII Band 3)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 172 of 208

7.6.7 Antenna WF7a Radiated Band Edge Measurements (20MHz BW)

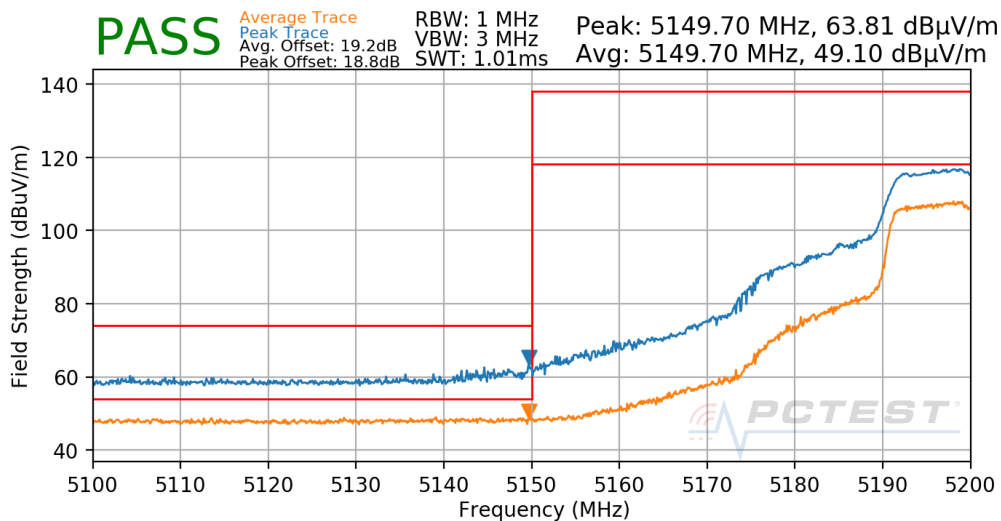
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36



Plot 7-238. Radiated Lower Band Edge Plot ANT WF7a (UNII Band 1)

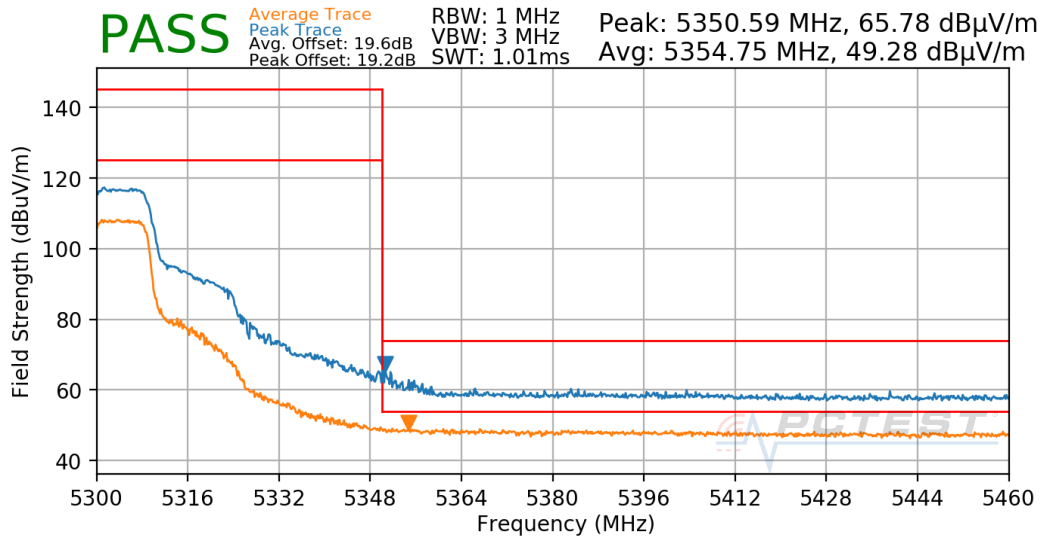
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40



Plot 7-239. Radiated Lower Band Edge Plot ANT WF7a (UNII Band 1)

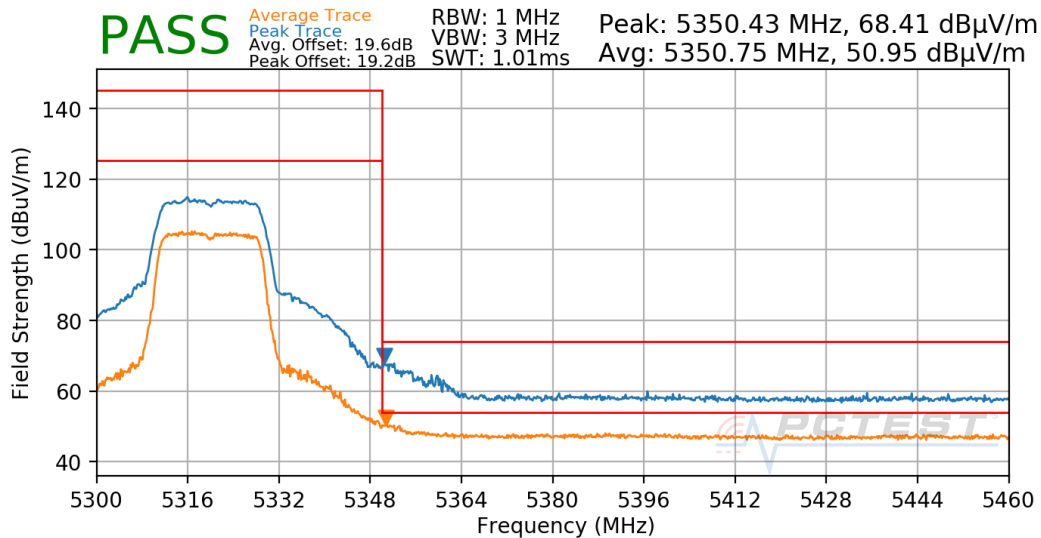
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 173 of 208

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5300MHz
Channel: 60



Plot 7-240. Radiated Upper Band Edge Plot ANT WF7a (UNII Band 2A)

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64



Plot 7-241. Radiated Upper Band Edge Plot ANT WF7a (UNII Band 2A)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-08-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 174 of 208