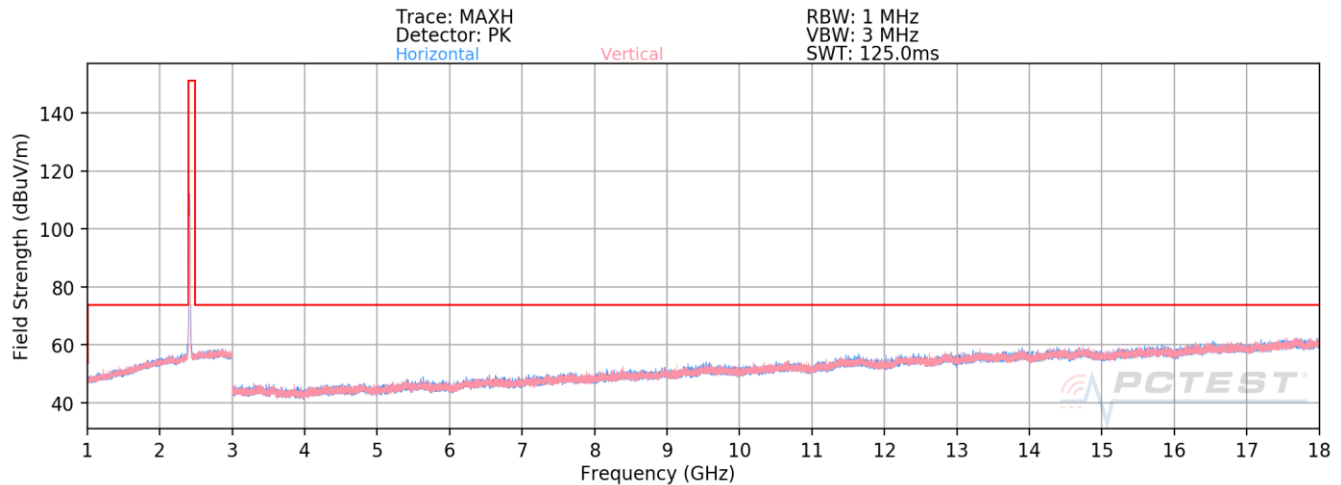


7.7.1 Antenna 8 Radiated Spurious Emission Measurements

§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



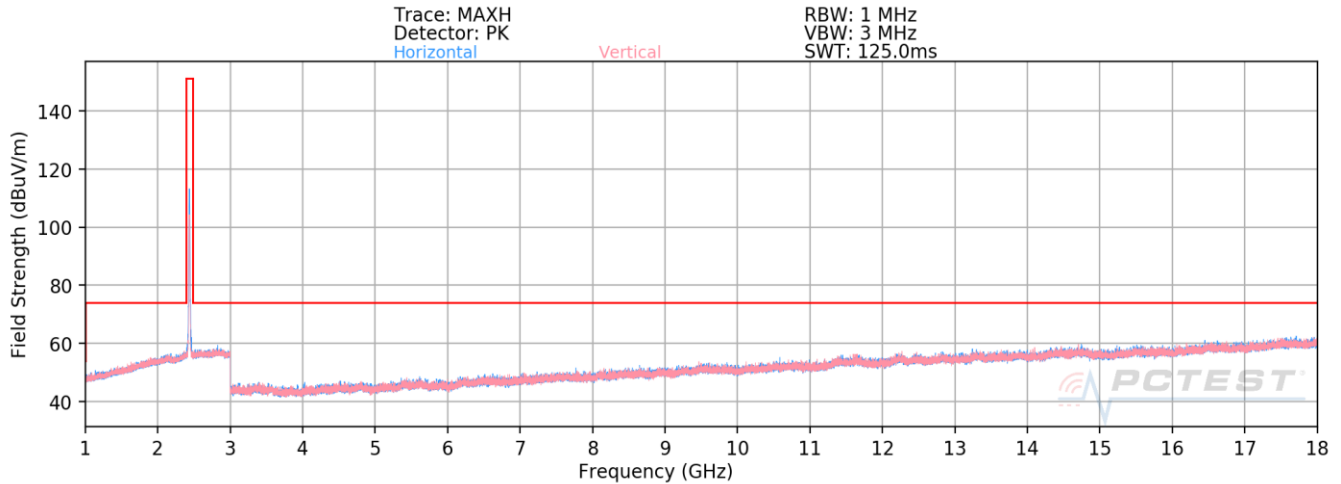
Plot 7-411. Radiated Spurious Emissions above 1GHz Antenna 8 (802.11b – Ch. 1)

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4824.00	Avg	H	346	219	-80.35	7.77	34.42	53.98	-19.56
4824.00	Peak	H	346	219	-68.30	7.77	46.47	73.98	-27.51
12060.00	Avg	H	-	-	-81.96	17.12	42.16	53.98	-11.82
12060.00	Peak	H	-	-	-69.58	17.12	54.54	73.98	-19.44

Table 7-48. Radiated Measurements Antenna 8

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 257 of 390



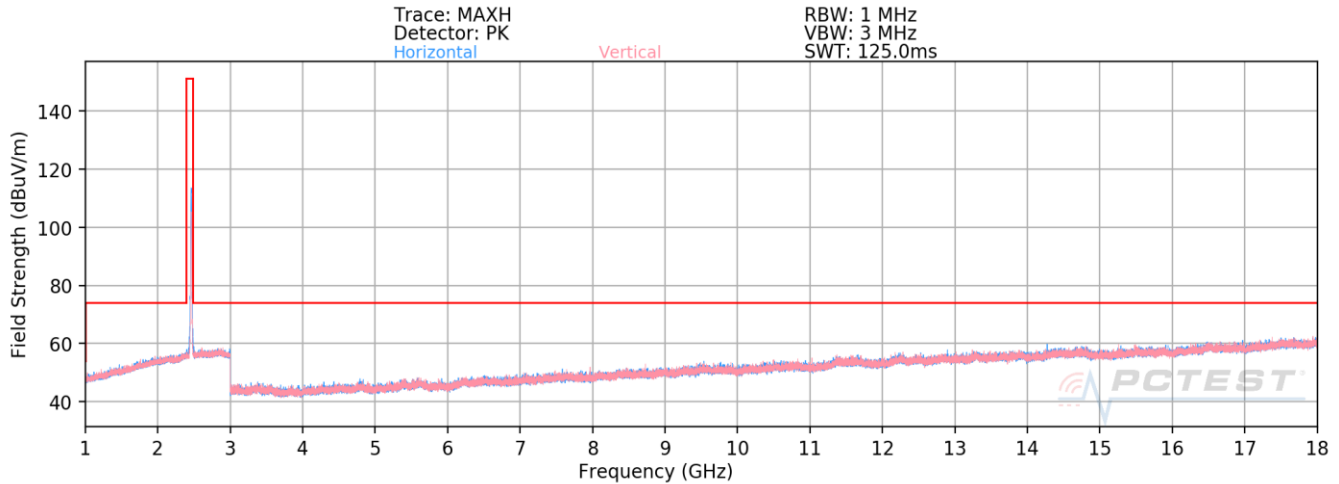
Plot 7-412. Radiated Spurious Emissions above 1GHz Antenna 8 (802.11b – Ch. 6)

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 06

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]
4874.00	Avg	H	334	207	-79.79	6.84	34.05	53.98	-19.93
4874.00	Peak	H	334	207	-68.12	6.84	45.72	73.98	-28.26
7311.00	Avg	H	-	-	-80.42	10.70	37.28	53.98	-16.70
7311.00	Peak	H	-	-	-68.54	10.70	49.16	73.98	-24.82
12185.00	Avg	H	-	-	-82.40	18.39	42.99	53.98	-10.99
12185.00	Peak	H	-	-	-69.84	18.39	55.55	73.98	-18.43

Table 7-49. Radiated Measurements Antenna 8

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 258 of 390



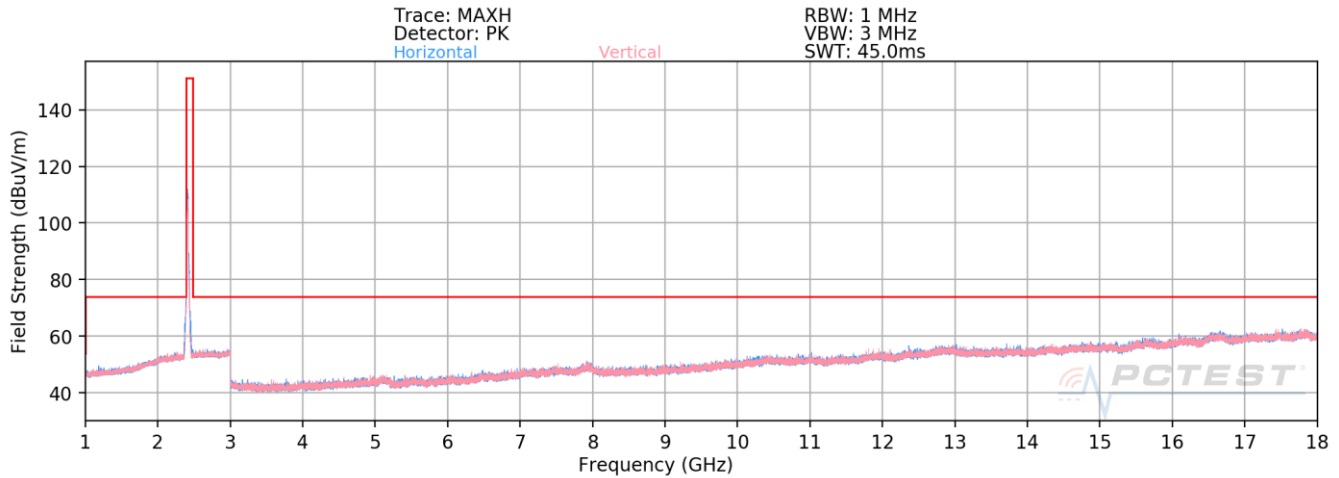
Plot 7-413. Radiated Spurious Emissions above 1GHz Antenna 8 (802.11b – Ch. 11)

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11

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]
4924.00	Avg	H	163	226	-74.58	5.97	38.39	53.98	-15.59
4924.00	Peak	V	163	226	-66.34	5.97	46.63	73.98	-27.35
7386.00	Avg	V	-	-	-80.02	10.67	37.65	53.98	-16.33
7386.00	Peak	V	-	-	-67.44	10.67	50.23	73.98	-23.75
12310.00	Avg	V	-	-	-82.86	18.32	42.46	53.98	-11.52
12310.00	Peak	V	-	-	-70.72	18.32	54.60	73.98	-19.38

Table 7-50. Radiated Measurements Antenna 8

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 259 of 390



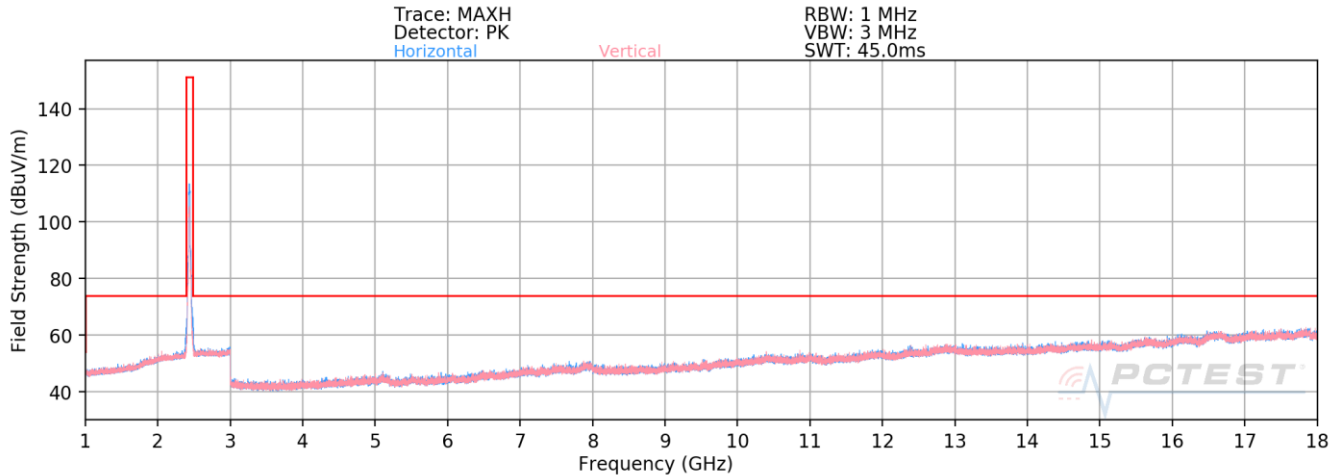
Plot 7-414. Radiated Spurious Emissions above 1GHz Antenna 8 (802.11ax (SU) – Ch. 1)

Mode:	802.11ax (SU)
Data Rate:	MCS5
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

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]
4824.00	Avg	H	-	-	-82.27	9.33	34.06	53.98	-19.92
4824.00	Peak	H	-	-	-70.81	9.33	45.52	73.98	-28.46
12060.00	Avg	H	-	-	-86.56	21.36	41.80	53.98	-12.17
12060.00	Peak	H	-	-	-75.04	21.36	53.32	73.98	-20.65

Table 7-51. Radiated Measurements Antenna 8

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 260 of 390



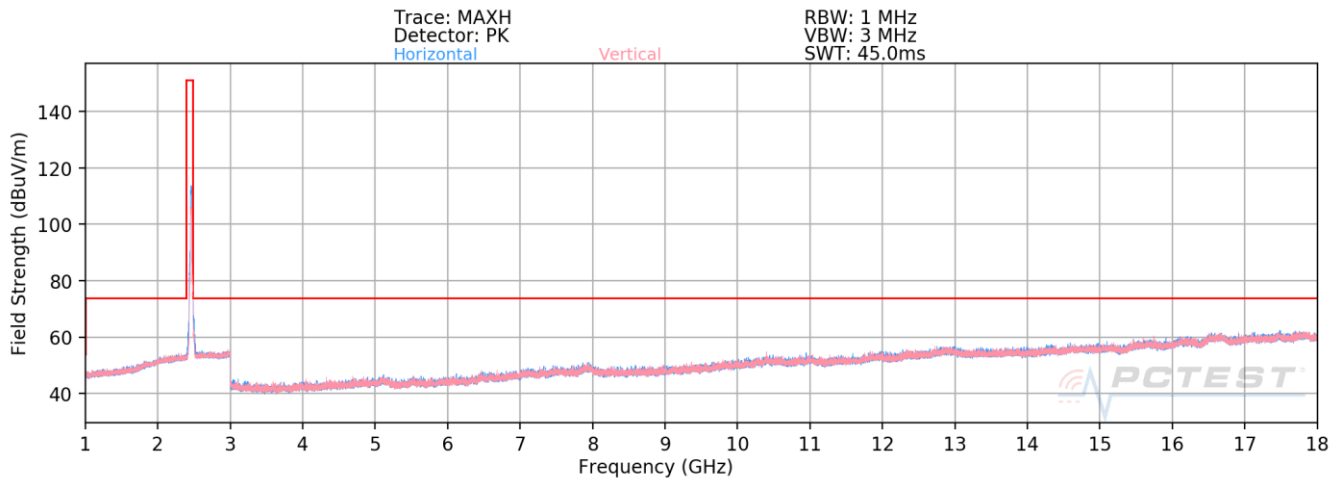
Plot 7-415. Radiated Spurious Emissions above 1GHz Antenna 8 (802.11ax (SU) – Ch. 6)

Mode: 802.11ax (SU)
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 06

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]
4874.00	Avg	H	-	-	-82.29	9.40	34.11	53.98	-19.87
4874.00	Peak	H	-	-	-70.61	9.40	45.79	73.98	-28.19
7311.00	Avg	H	-	-	-83.66	13.95	37.29	53.98	-16.69
7311.00	Peak	H	-	-	-72.51	13.95	48.44	73.98	-25.54
12185.00	Avg	H	-	-	-86.41	21.11	41.70	53.98	-12.28
12185.00	Peak	H	-	-	-74.60	21.11	53.51	73.98	-20.47

Table 7-52. Radiated Measurements Antenna 8

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 261 of 390



Plot 7-416. Radiated Spurious Emissions above 1GHz Antenna 8 (802.11ax (SU) – Ch. 11)

Mode: 802.11ax (SU)
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11

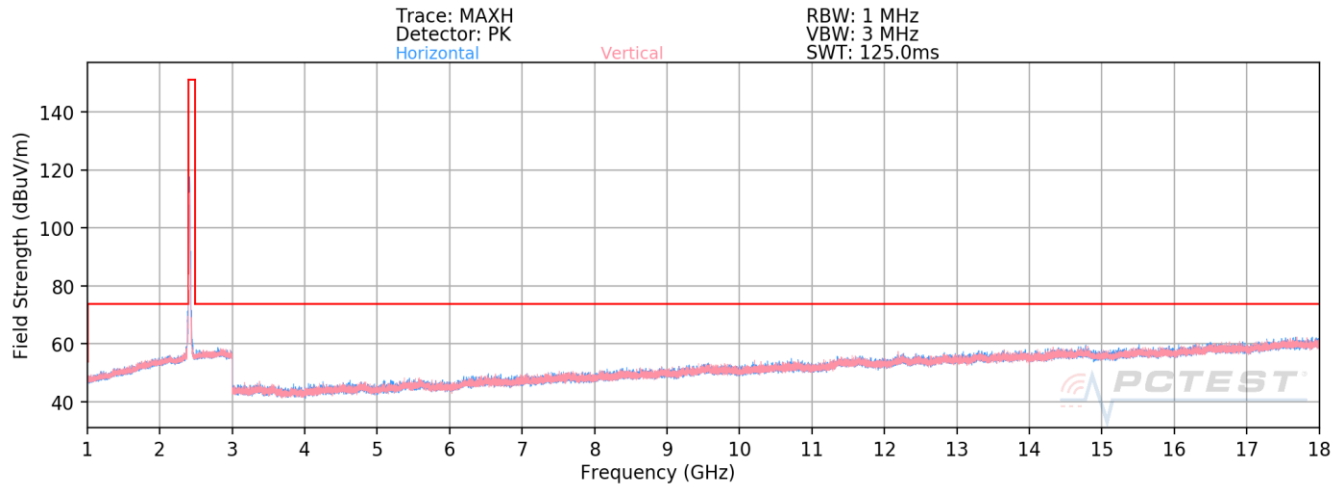
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4924.00	Avg	H	-	-	-82.34	9.15	33.81	53.98	-20.17
4924.00	Peak	H	-	-	-70.53	9.15	45.62	73.98	-28.36
7386.00	Avg	H	-	-	-84.30	14.06	36.76	53.98	-17.22
7386.00	Peak	H	-	-	-72.83	14.06	48.23	73.98	-25.75
12310.00	Avg	H	-	-	-86.50	21.66	42.16	53.98	-11.82
12310.00	Peak	H	-	-	-74.96	21.66	53.70	73.98	-20.28

Table 7-53. Radiated Measurements Antenna 8

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 262 of 390

7.7.2 Antenna 7 Radiated Spurious Emission Measurements

§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



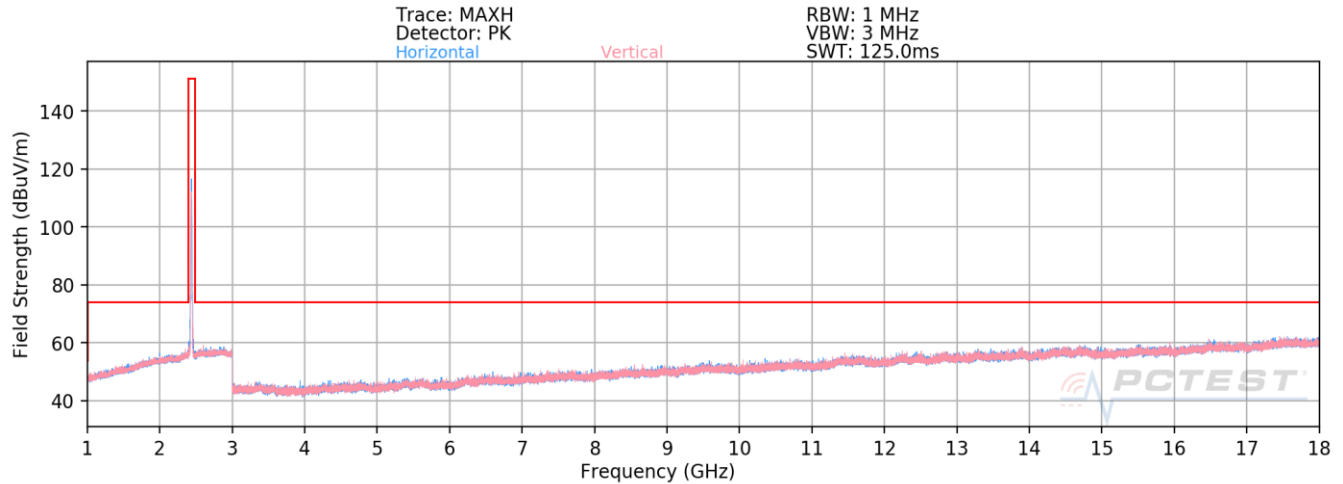
Plot 7-417. Radiated Spurious Emissions above 1GHz Antenna 7 (802.11b – Ch. 1)

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 01

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]
4824.00	Avg	H	-	-	-80.36	7.77	34.41	53.98	-19.57
4824.00	Peak	H	-	-	-68.54	7.77	46.23	73.98	-27.75
12060.00	Avg	H	-	-	-82.04	17.12	42.08	53.98	-11.90
12060.00	Peak	H	-	-	-69.49	17.12	54.63	73.98	-19.35

Table 7-54. Radiated Measurements Antenna 7

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 263 of 390



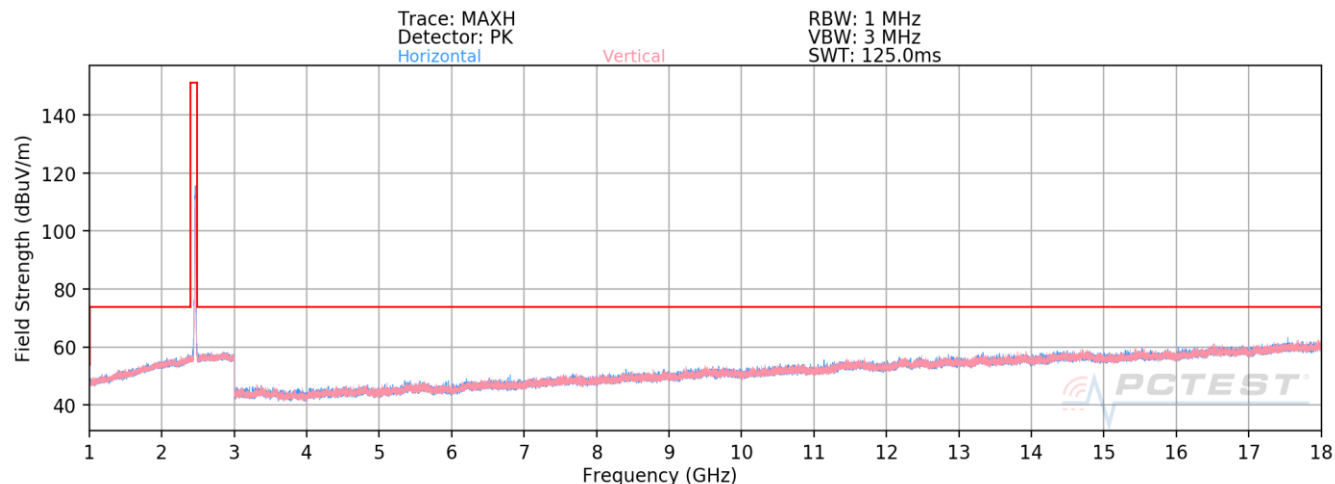
Plot 7-418. Radiated Spurious Emissions above 1GHz Antenna 7 (802.11b – Ch. 6)

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 06

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]
4874.00	Avg	H	-	-	-80.00	6.84	33.84	53.98	-20.14
4874.00	Peak	H	-	-	-67.97	6.84	45.87	73.98	-28.11
7311.00	Avg	H	-	-	-80.34	10.70	37.36	53.98	-16.62
7311.00	Peak	H	-	-	-68.18	10.70	49.52	73.98	-24.46
12185.00	Avg	H	-	-	-82.34	18.39	43.05	53.98	-10.93
12185.00	Peak	H	-	-	-70.66	18.39	54.73	73.98	-19.25

Table 7-55. Radiated Measurements Antenna 7

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 264 of 390



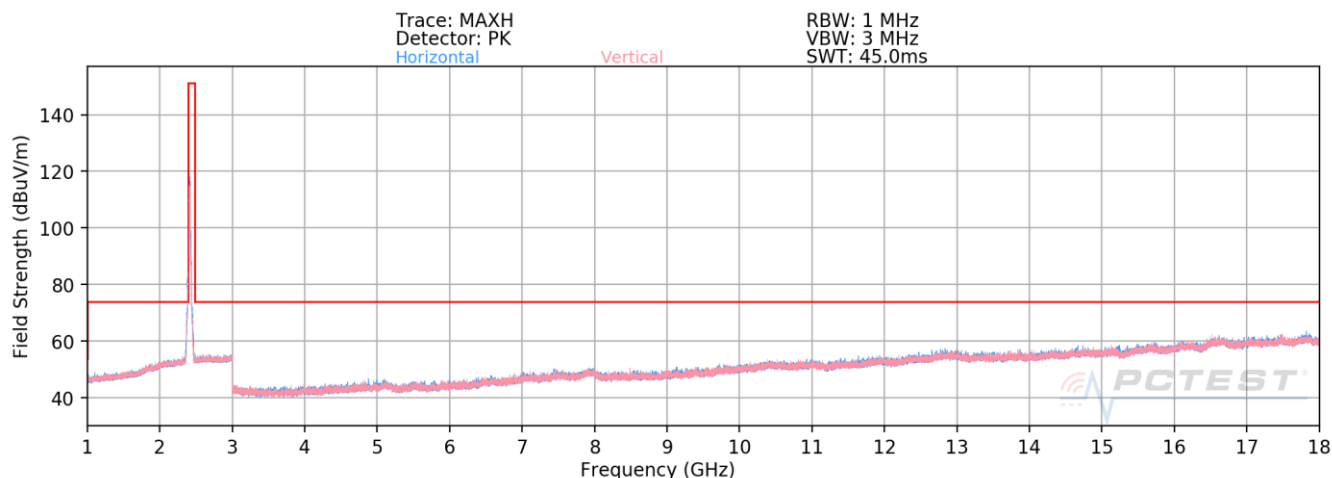
Plot 7-419. Radiated Spurious Emissions above 1GHz Antenna 7 (802.11b – Ch. 11)

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4924.00	Avg	H	-	-	-79.62	9.15	36.53	53.98	-17.45
4924.00	Peak	H	-	-	-67.56	9.15	48.59	73.98	-25.39
7386.00	Avg	H	-	-	-80.05	14.06	41.01	53.98	-12.97
7386.00	Peak	H	-	-	-67.40	14.06	53.66	73.98	-20.32
12310.00	Avg	H	-	-	-82.92	21.66	45.74	53.98	-8.24
12310.00	Peak	H	-	-	-71.02	21.66	57.64	73.98	-16.34

Table 7-56. Radiated Measurements Antenna 7

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 265 of 390



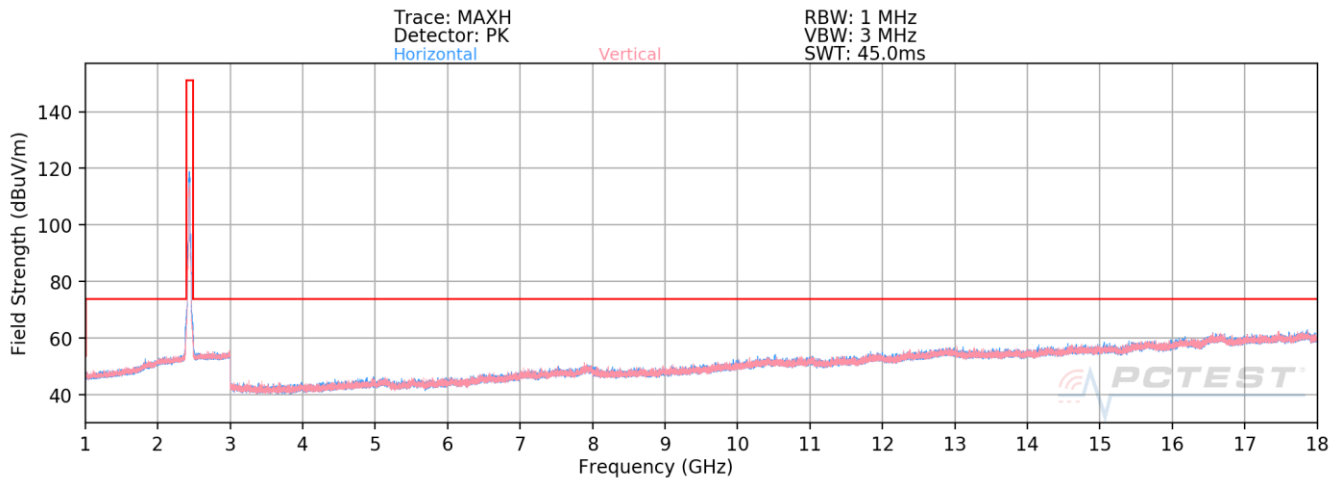
Plot 7-420. Radiated Spurious Emissions above 1GHz Antenna 7 (802.11ax (SU) – Ch. 1)

Mode:	802.11ax (SU)
Data Rate:	MCS5
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

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]
4824.00	Avg	H	-	-	-82.30	9.33	34.03	53.98	-19.95
4824.00	Peak	H	-	-	-70.45	9.33	45.88	73.98	-28.10
12060.00	Avg	H	-	-	-86.47	21.36	41.89	53.98	-12.08
12060.00	Peak	H	-	-	-75.15	21.36	53.21	73.98	-20.76

Table 7-57. Radiated Measurements Antenna 7

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 266 of 390



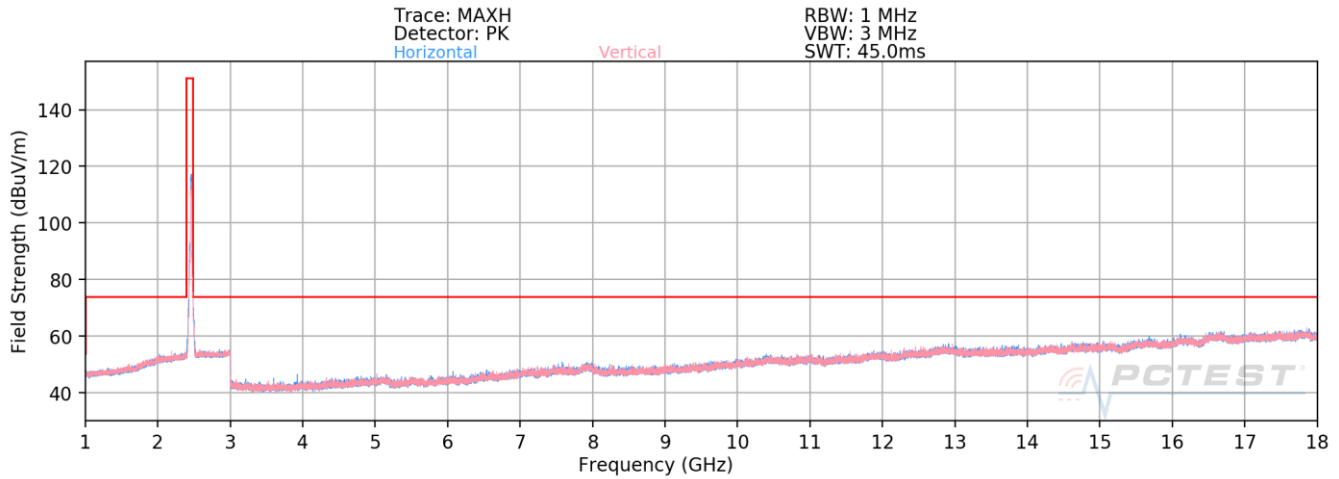
Plot 7-421. Radiated Spurious Emissions above 1GHz Antenna 7 (802.11ax (SU) – Ch. 6)

Mode: 802.11ax (SU)
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 06

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]
4874.00	Avg	H	-	-	-82.44	9.40	33.96	53.98	-20.02
4874.00	Peak	H	-	-	-70.57	9.40	45.83	73.98	-28.15
7311.00	Avg	H	-	-	-83.83	13.95	37.12	53.98	-16.86
7311.00	Peak	H	-	-	-71.86	13.95	49.09	73.98	-24.89
12185.00	Avg	H	-	-	-86.45	21.11	41.66	53.98	-12.32
12185.00	Peak	H	-	-	-75.42	21.11	52.69	73.98	-21.29

Table 7-58. Radiated Measurements Antenna 7

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 267 of 390



Plot 7-422. Radiated Spurious Emissions above 1GHz Antenna 7 (802.11ax (SU) – Ch. 11)

Mode: 802.11ax (SU)
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11

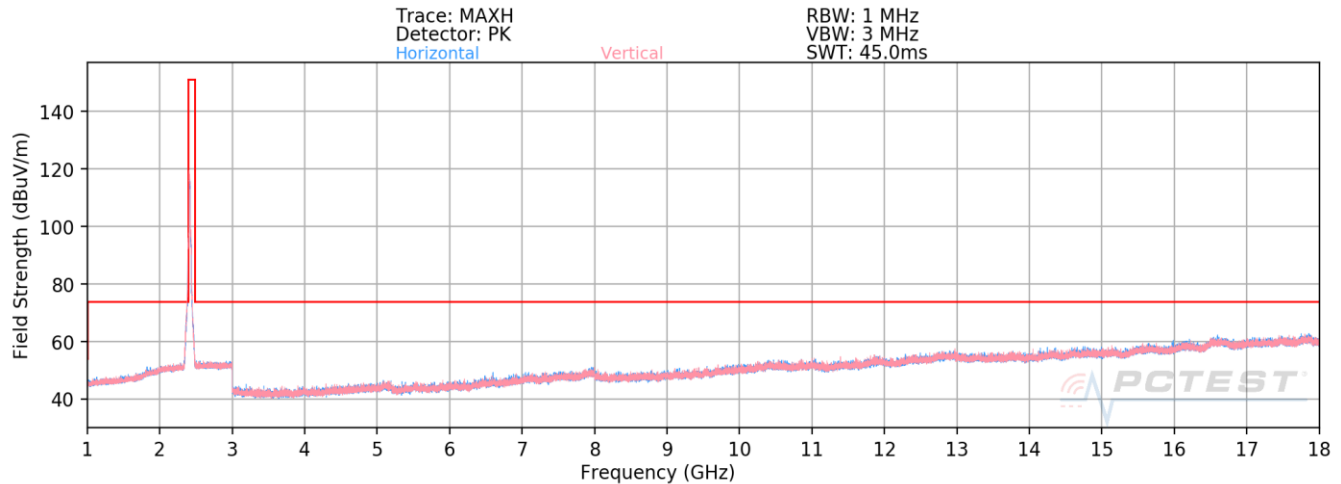
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4924.00	Avg	H	-	-	-82.40	9.15	33.75	53.98	-20.23
4924.00	Peak	H	-	-	-70.74	9.15	45.41	73.98	-28.57
7386.00	Avg	H	-	-	-84.54	14.06	36.52	53.98	-17.46
7386.00	Peak	H	-	-	-72.85	14.06	48.21	73.98	-25.77
12310.00	Avg	H	-	-	-86.46	21.66	42.20	53.98	-11.78
12310.00	Peak	H	-	-	-75.42	21.66	53.24	73.98	-20.74

Table 7-59. Radiated Measurements Antenna 7

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 268 of 390

7.7.3 CDD Radiated Spurious Emission Measurements

§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



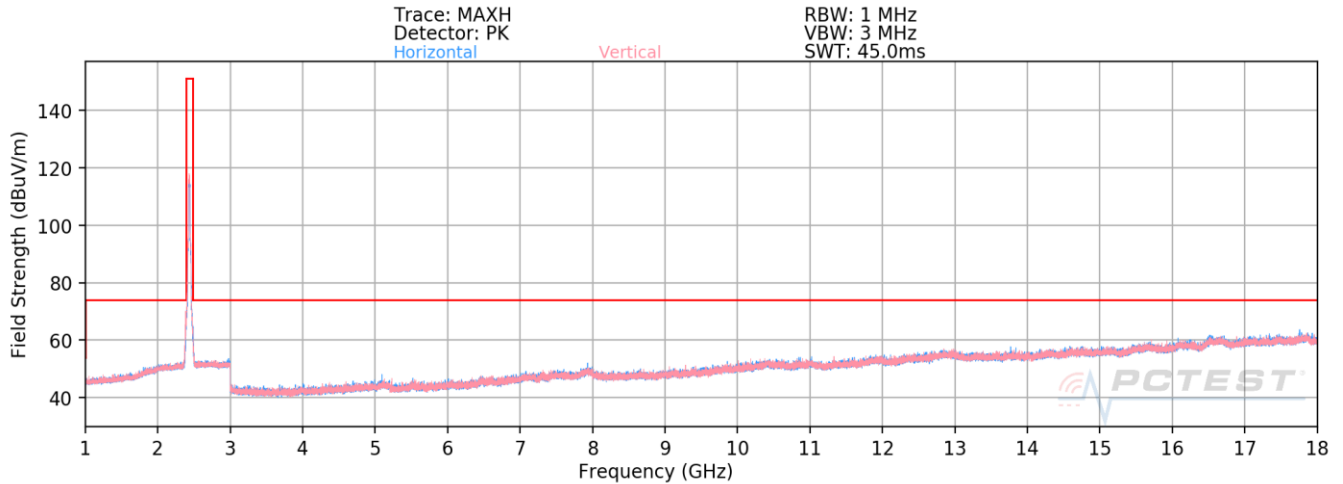
Plot 7-423. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 1)

Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 01

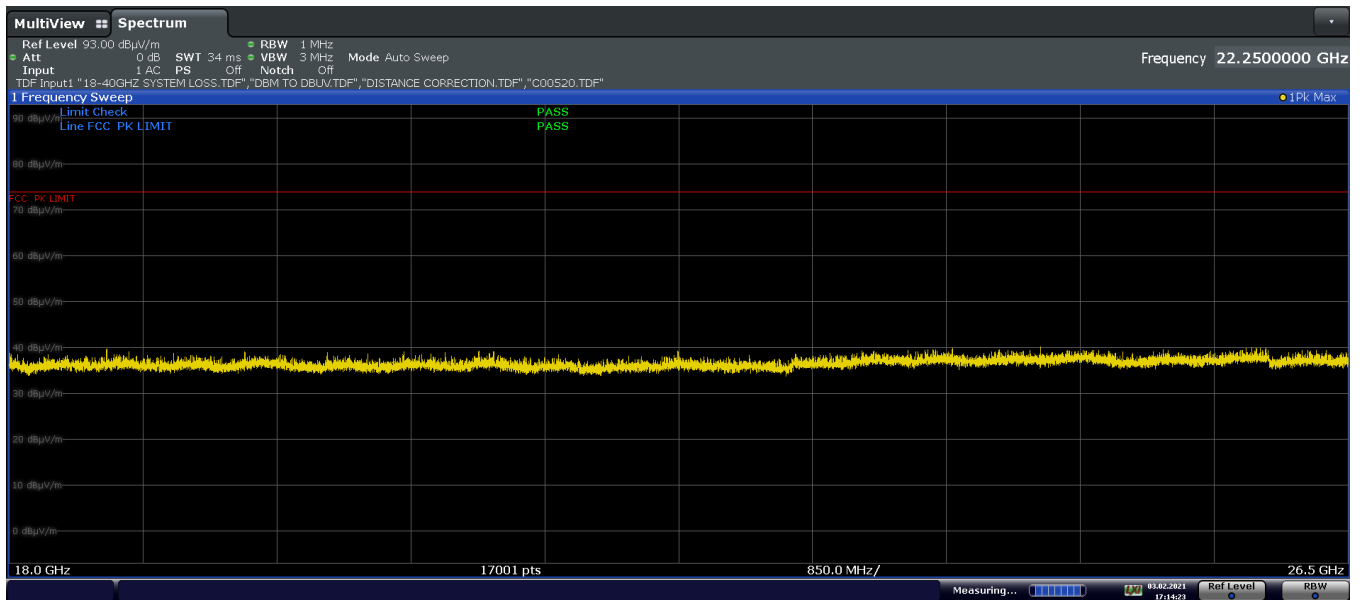
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4824.00	Avg	V	-	-	-81.80	9.83	35.03	53.98	-18.95
4824.00	Peak	V	-	-	-69.79	9.83	47.04	73.98	-26.94
12060.00	Avg	V	-	-	-85.25	21.28	43.03	53.98	-10.95
12060.00	Peak	V	-	-	-74.06	21.28	54.22	73.98	-19.76

Table 7-60. Radiated Measurements CDD

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 269 of 390

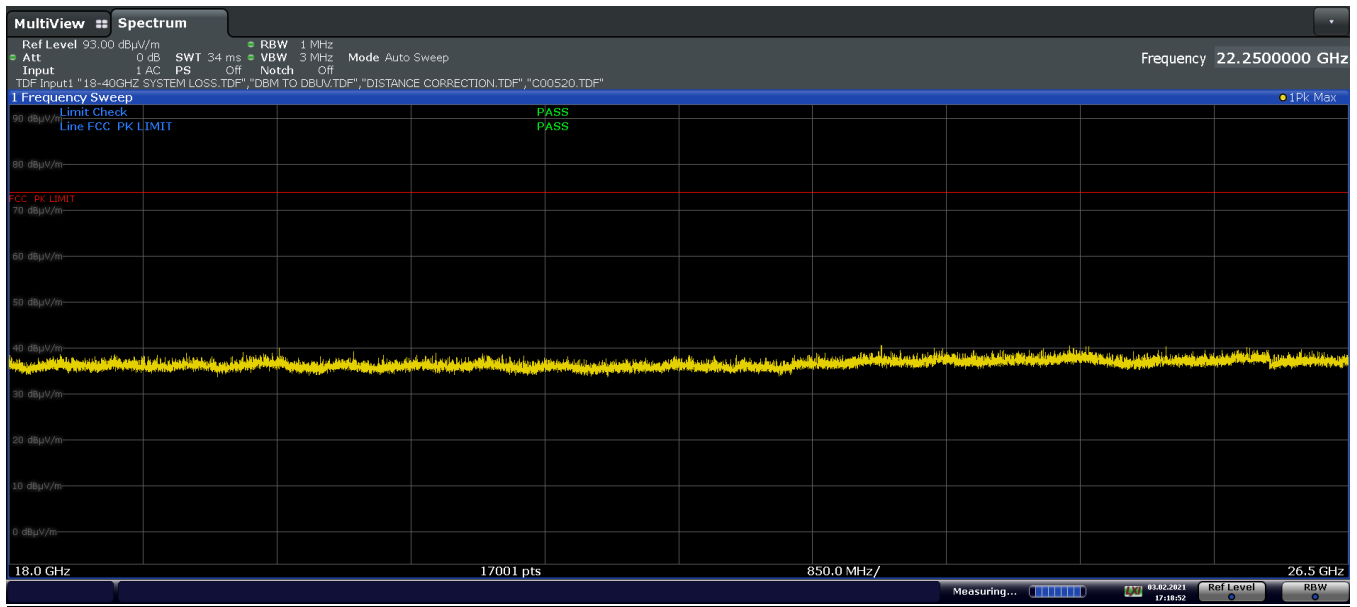


Plot 7-424. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 6)



Plot 7-425. Radiated Spurious Emissions above 18GHz CDD (802.11n – Ch.6, Pol H)

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 270 of 390



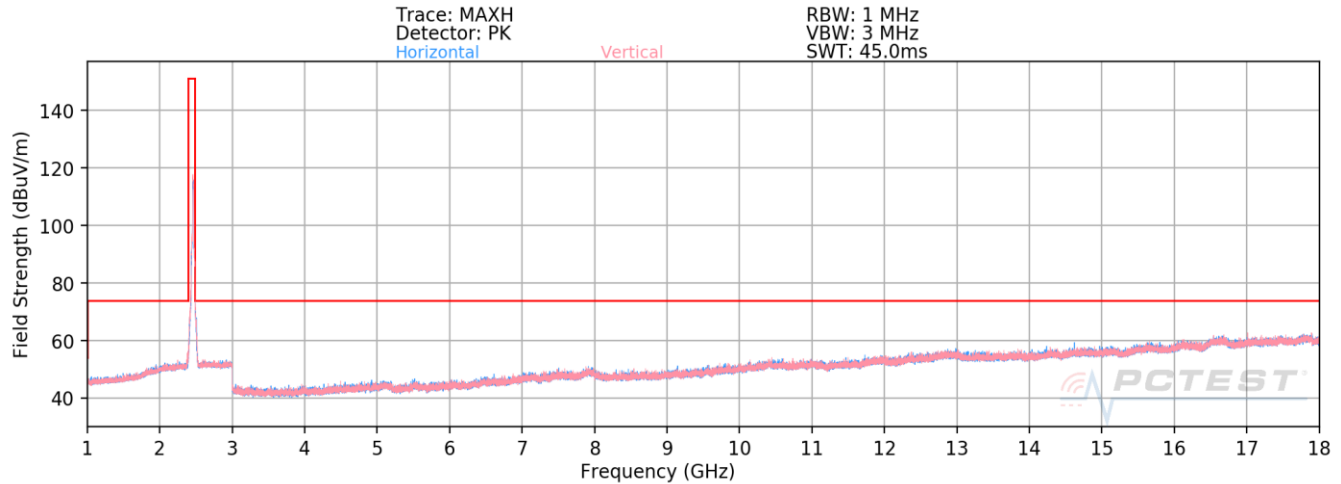
Plot 7-426. Radiated Spurious Emissions above 18GHz CDD (802.11n – Ch.6, Pol V)

Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 06

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]
4874.00	Avg	V	-	-	-81.96	9.82	34.86	53.98	-19.11
4874.00	Peak	V	-	-	-70.77	9.82	46.05	73.98	-27.92
7311.00	Avg	V	-	-	-83.21	14.07	37.86	53.98	-16.12
7311.00	Peak	V	-	-	-71.67	14.07	49.40	73.98	-24.58
12185.00	Avg	V	-	-	-85.12	21.52	43.40	53.98	-10.58
12185.00	Peak	V	-	-	-73.26	21.52	55.26	73.98	-18.72

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 271 of 390



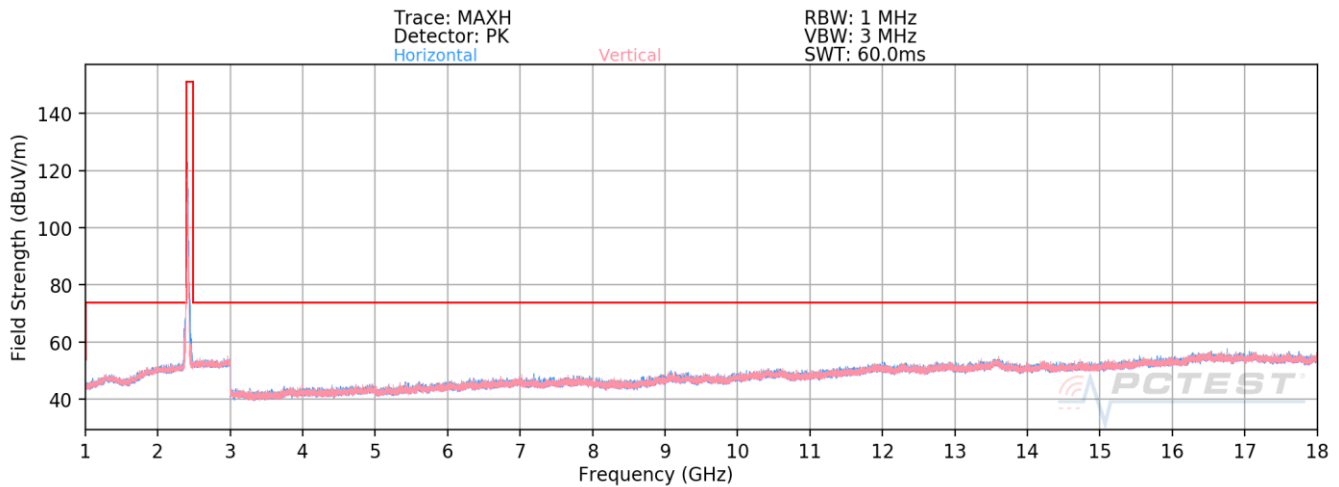
Plot 7-427. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 11)

Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11

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]
4924.00	Avg	V	-	-	-81.95	9.45	34.50	53.98	-19.48
4924.00	Peak	V	-	-	-70.02	9.45	46.43	73.98	-27.55
7386.00	Avg	V	-	-	-83.48	14.35	37.87	53.98	-16.10
7386.00	Peak	V	-	-	-71.86	14.35	49.49	73.98	-24.48
12310.00	Avg	V	-	-	-84.88	21.26	43.38	53.98	-10.60
12310.00	Peak	V	-	-	-73.73	21.26	54.53	73.98	-19.45

Table 7-62. Radiated Measurements CDD

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 272 of 390



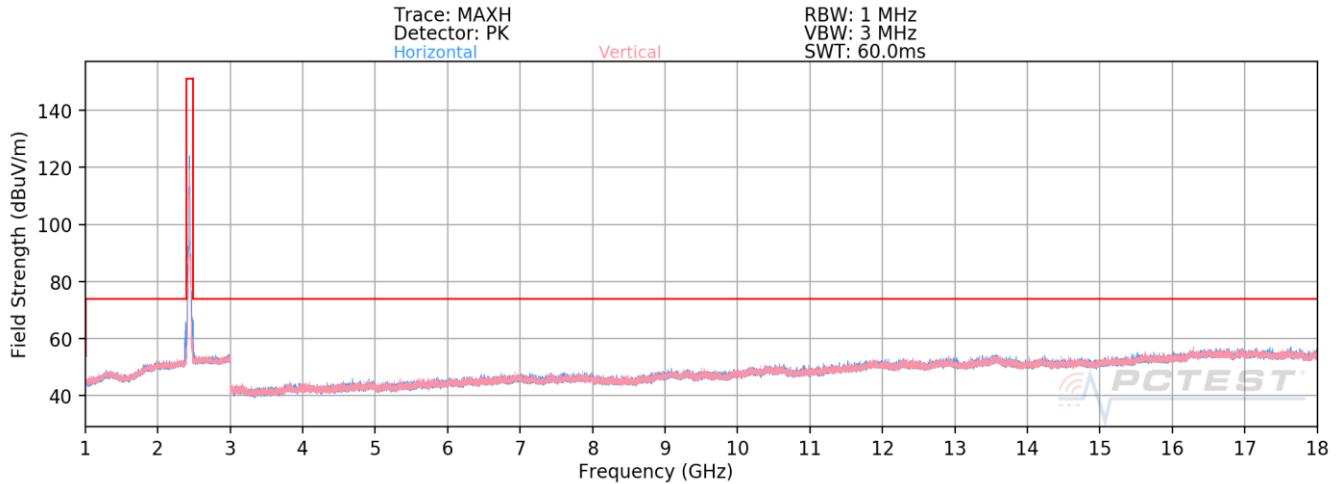
Plot 7-428. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) – Ch. 1)

Mode: 802.11ax (SU)
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 01

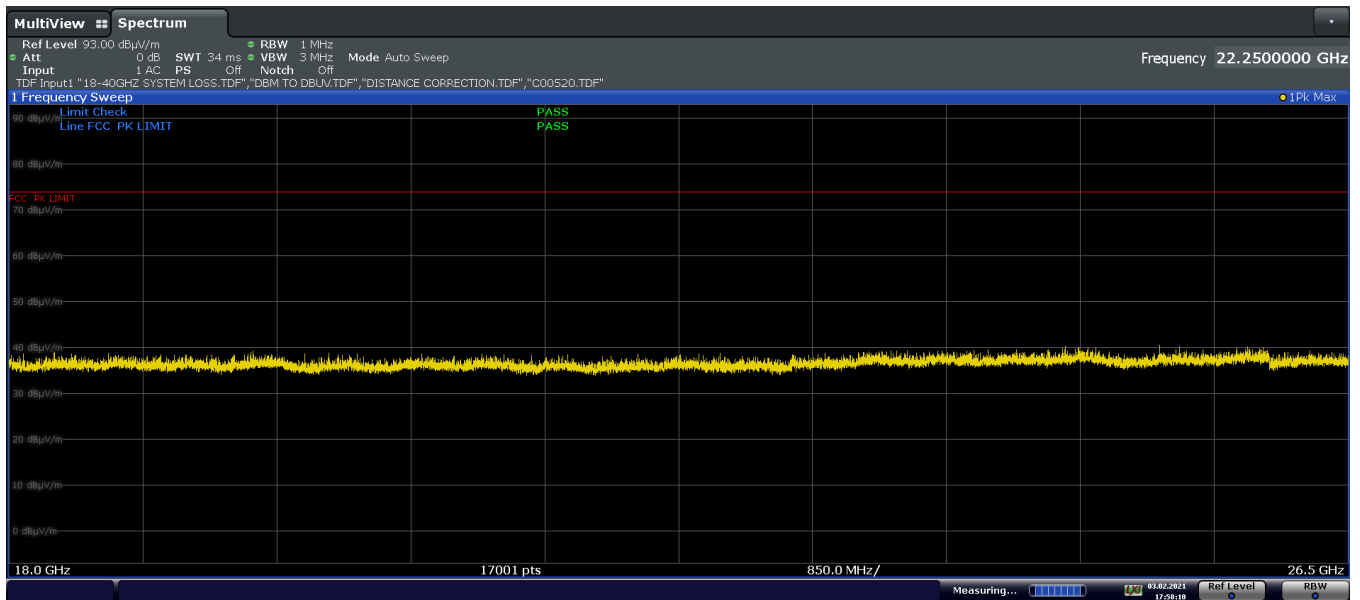
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4824.00	Avg	H	-	-	-82.20	9.33	34.13	53.98	-19.85
4824.00	Peak	H	-	-	-70.21	9.33	46.12	73.98	-27.86
12060.00	Avg	H	-	-	-86.55	21.36	41.81	53.98	-12.16
12060.00	Peak	H	-	-	-73.95	21.36	54.41	73.98	-19.56

Table 7-63. Radiated Measurements CDD

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 273 of 390

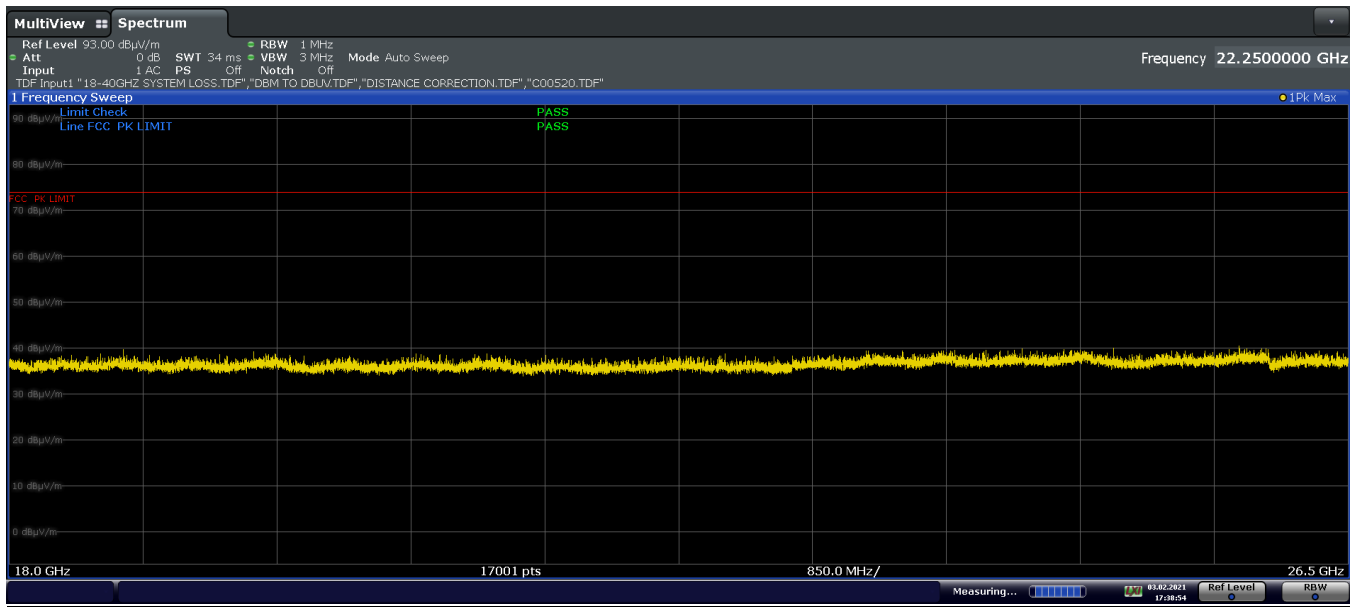


Plot 7-429. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) – Ch. 6)



Plot 7-430. Radiated Spurious Emissions above 18GHz CDD (802.11ax (SU) – Ch.6, Pol H)

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 274 of 390



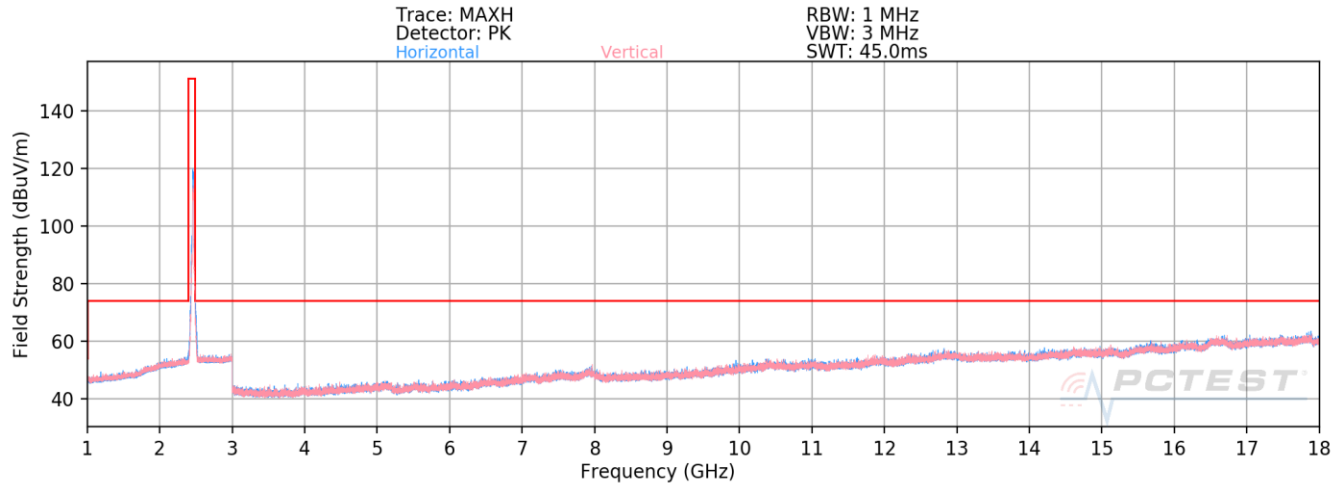
Plot 7-431. Radiated Spurious Emissions above 18GHz CDD (802.11ax (SU) – Ch.6, Pol V)

Mode: 802.11ax (SU)
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 06

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]
4874.00	Avg	H	-	-	-82.38	9.40	34.02	53.98	-19.96
4874.00	Peak	H	-	-	-70.54	9.40	45.86	73.98	-28.12
7311.00	Avg	H	-	-	-83.74	13.95	37.21	53.98	-16.77
7311.00	Peak	H	-	-	-72.31	13.95	48.64	73.98	-25.34
12185.00	Avg	H	-	-	-86.44	21.11	41.67	53.98	-12.31
12185.00	Peak	H	-	-	-75.01	21.11	53.10	73.98	-20.88

Table 7-64. Radiated Measurements CDD

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 275 of 390



Plot 7-432. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) – Ch. 11)

Mode: 802.11ax (SU)
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11

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]
4924.00	Avg	H	-	-	-82.29	9.15	33.86	53.98	-20.12
4924.00	Peak	H	-	-	-70.52	9.15	45.63	73.98	-28.35
7386.00	Avg	H	-	-	-84.24	14.06	36.82	53.98	-17.16
7386.00	Peak	H	-	-	-72.96	14.06	48.10	73.98	-25.88
12310.00	Avg	H	-	-	-86.25	21.66	42.41	53.98	-11.57
12310.00	Peak	H	-	-	-75.73	21.66	52.93	73.98	-21.05

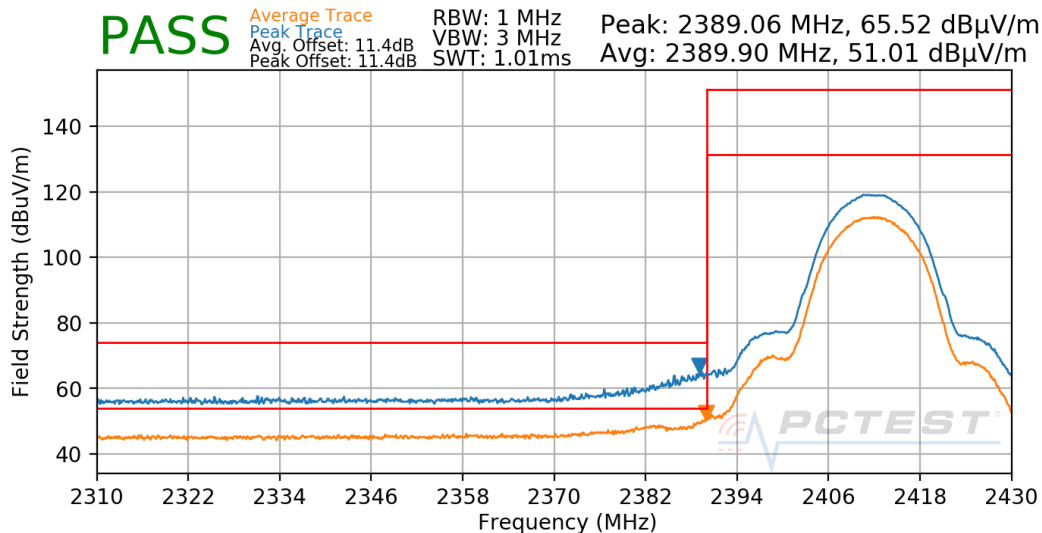
Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 276 of 390

7.7.4 Antenna 8 Radiated Restricted Band Edge Measurements

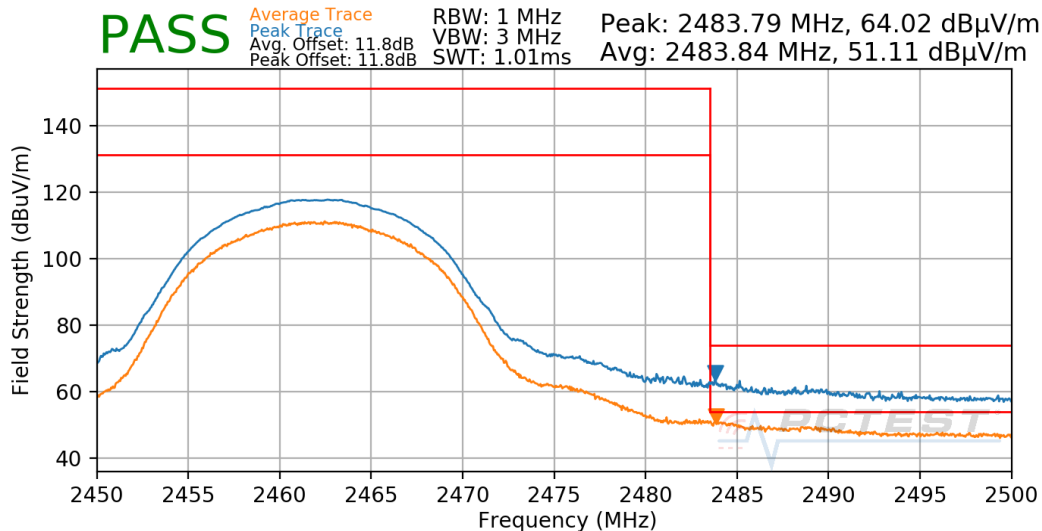
§15.205 §15.209; RSS-Gen [8.9]

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 1



Plot 7-433. Radiated Restricted Lower Band Edge Measurement Antenna 8

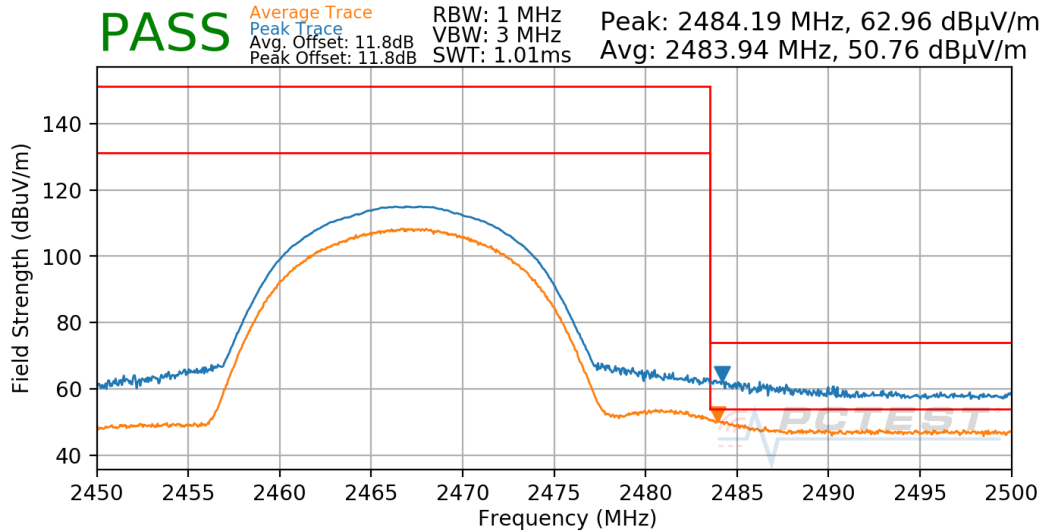
Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-434. Radiated Restricted Upper Band Edge Measurement Antenna 8

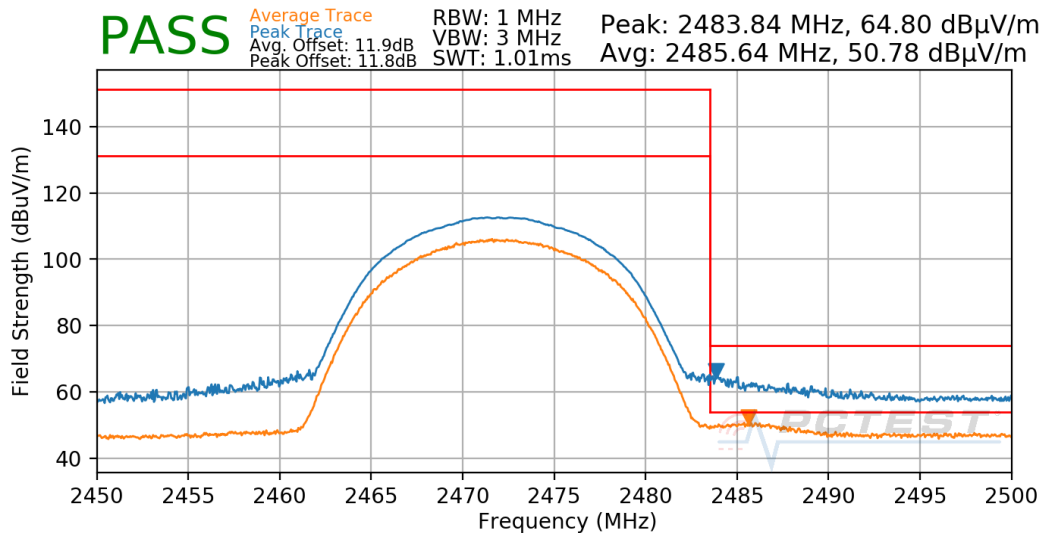
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 277 of 390

Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-435. Radiated Restricted Upper Band Edge Measurement Antenna 8

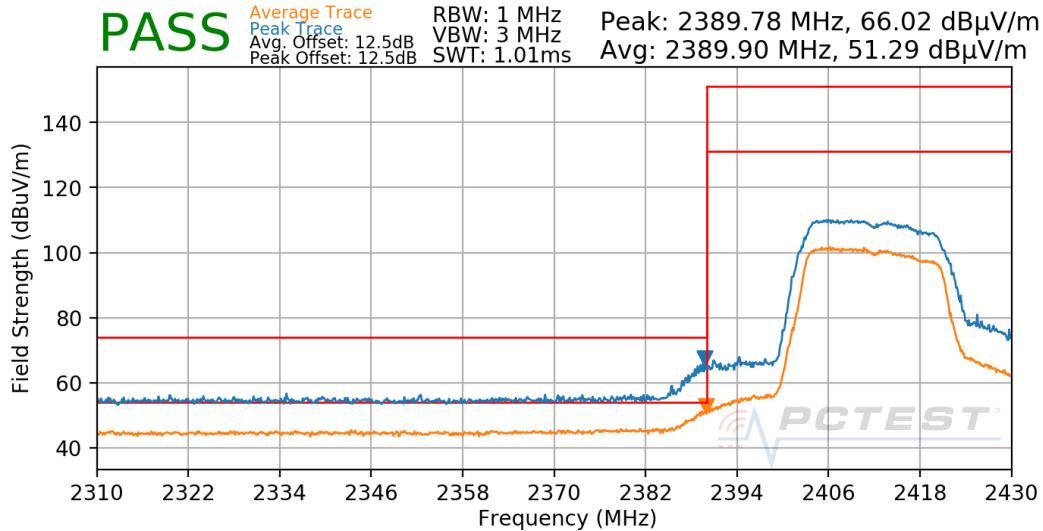
Mode: 802.11b
Data Rate: 11Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-436. Radiated Restricted Upper Band Edge Measurement Antenna 8

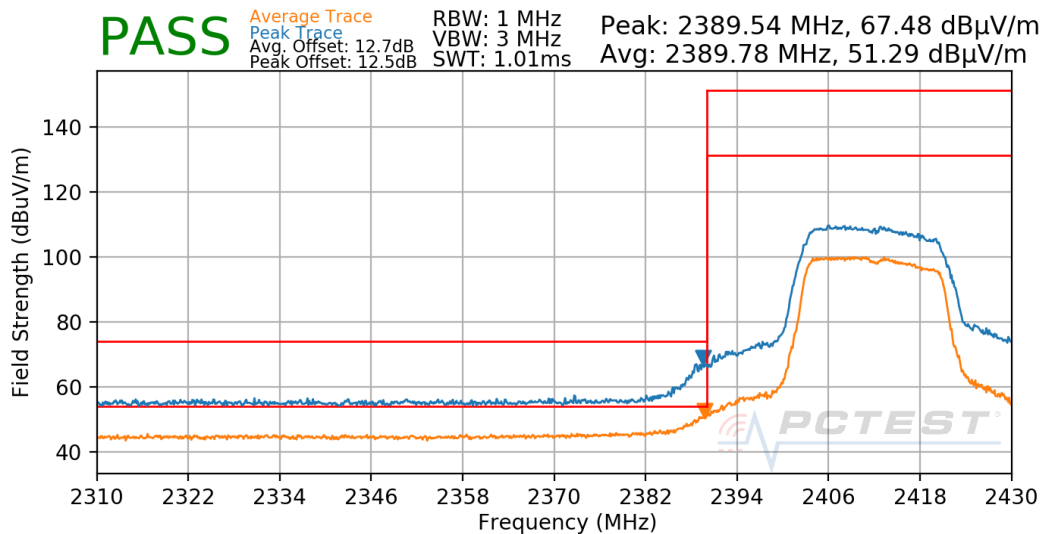
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 278 of 390

Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 1



Plot 7-437. Radiated Restricted Lower Band Edge Measurement Antenna 8

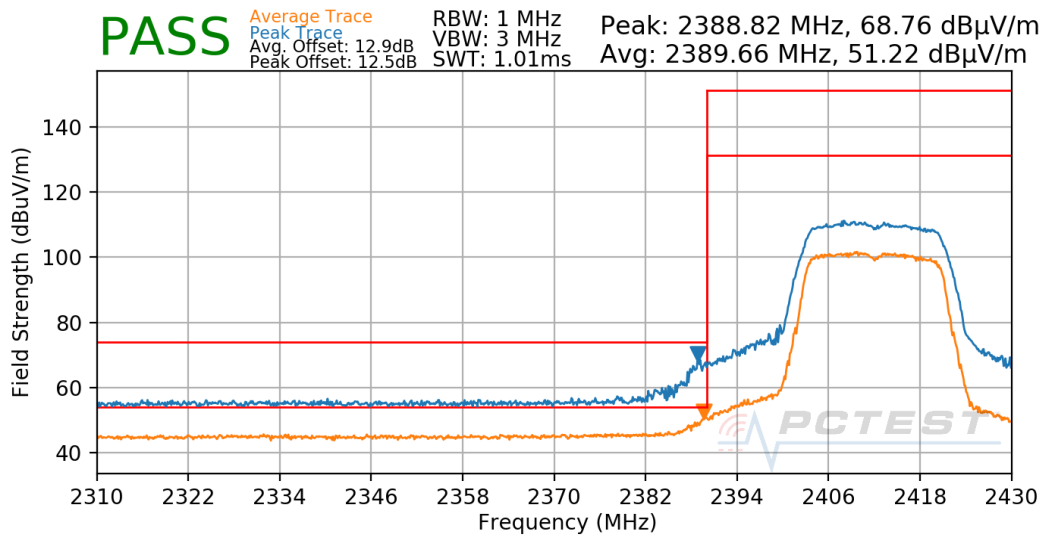
Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 1



Plot 7-438. Radiated Restricted Lower Band Edge Measurement Antenna 8

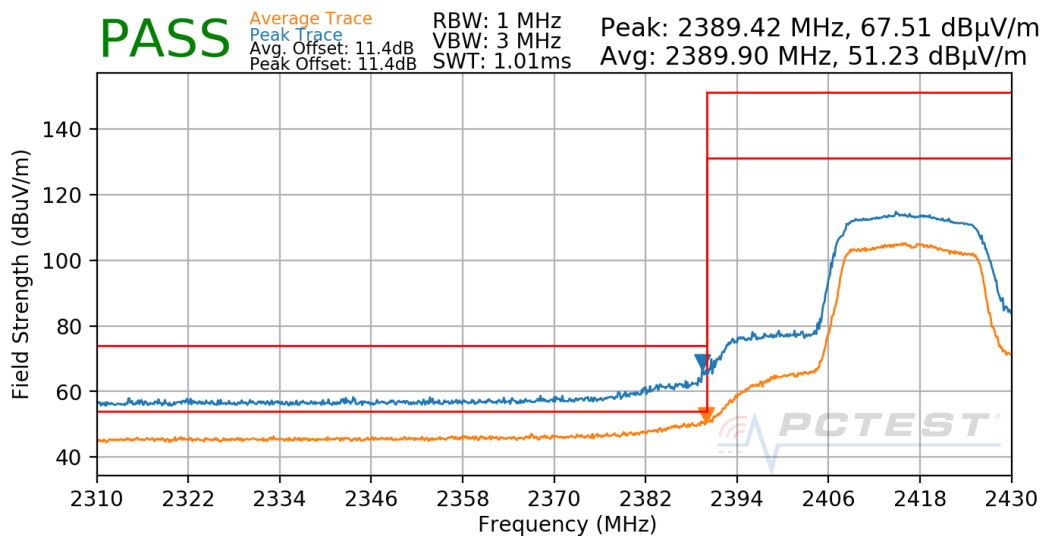
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 279 of 390

Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 1



Plot 7-439. Radiated Restricted Lower Band Edge Measurement Antenna 8

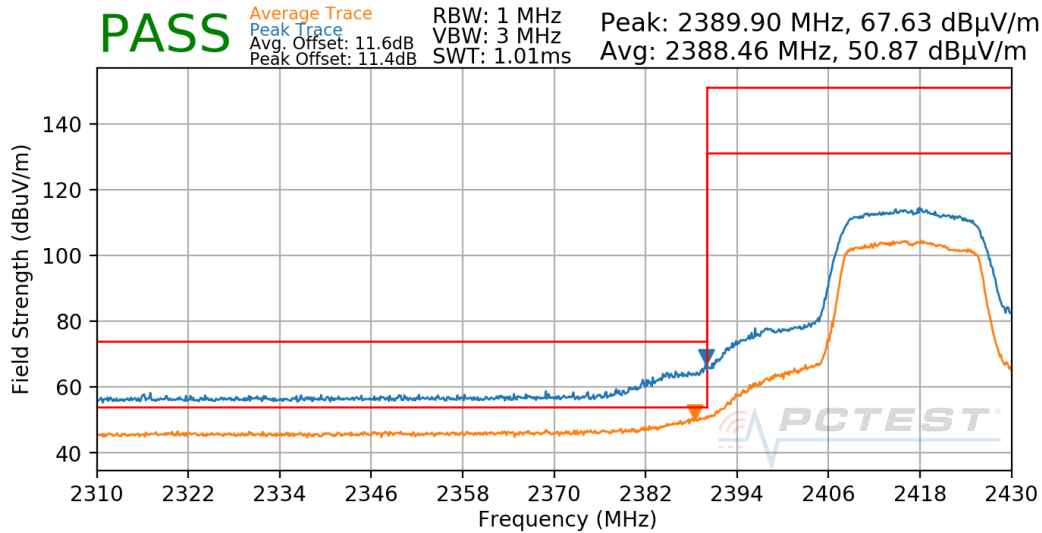
Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-440. Radiated Restricted Lower Band Edge Measurement Antenna 8

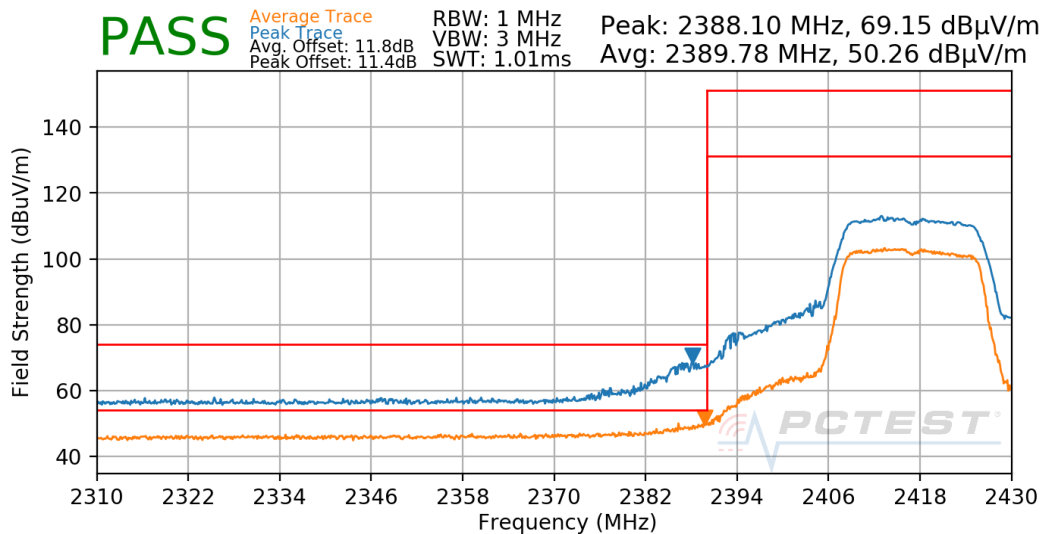
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 280 of 390

Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-441. Radiated Restricted Lower Band Edge Measurement Antenna 8

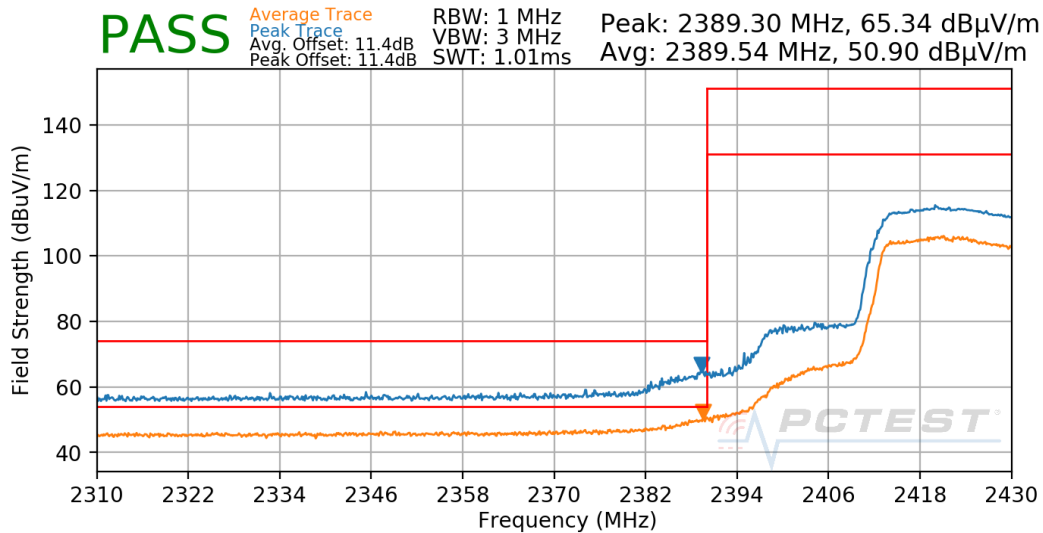
Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-442. Radiated Restricted Lower Band Edge Measurement Antenna 8

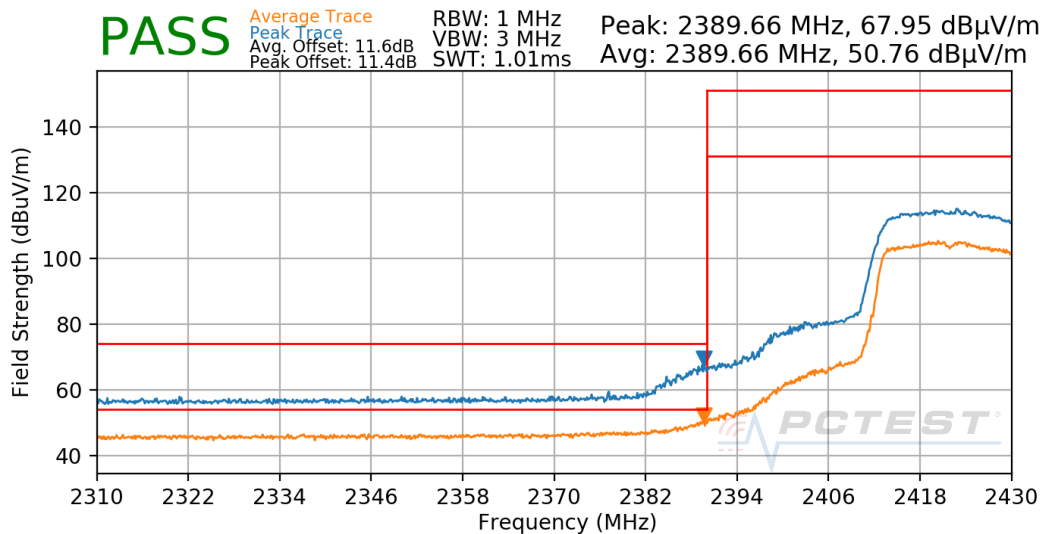
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 281 of 390

Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-443. Radiated Restricted Lower Band Edge Measurement Antenna 8

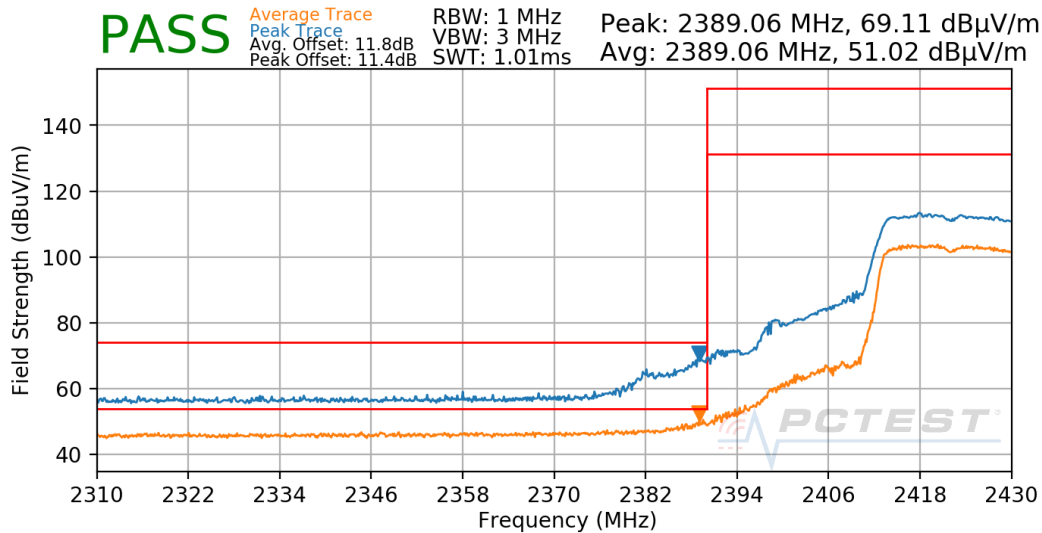
Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-444. Radiated Restricted Lower Band Edge Measurement Antenna 8

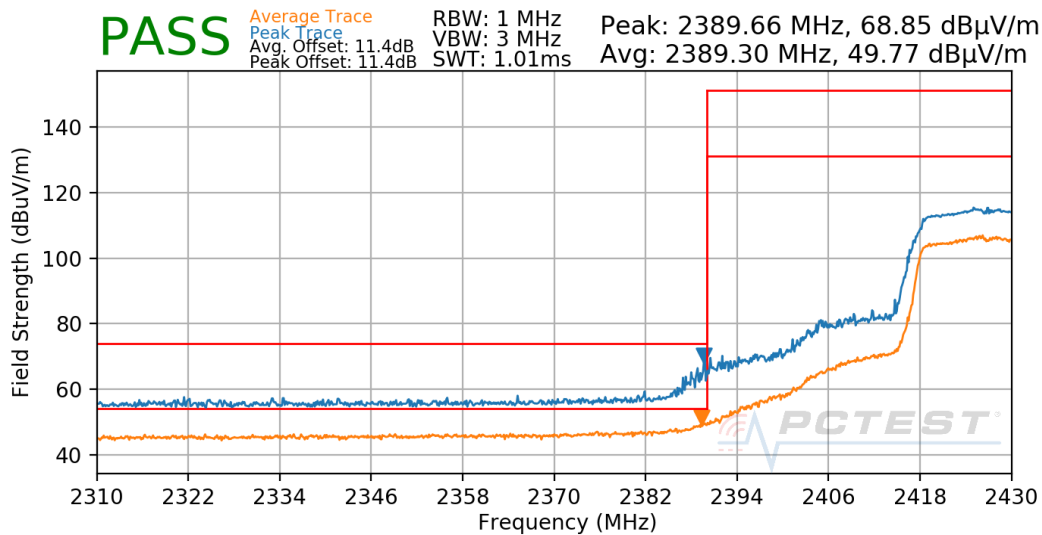
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 282 of 390

Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-445. Radiated Restricted Lower Band Edge Measurement Antenna 8

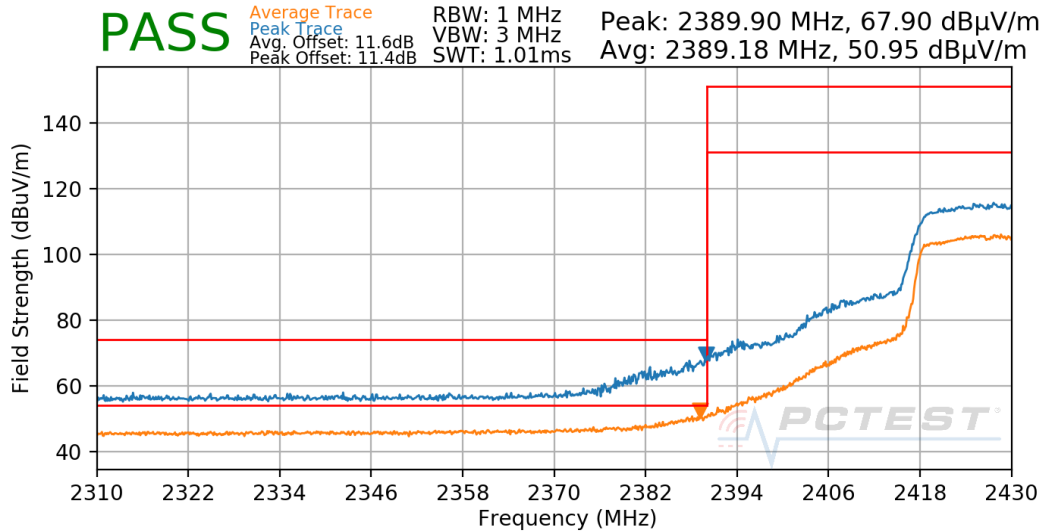
Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2427MHz
Channel: 4



Plot 7-446: Radiated Restricted Lower Band Edge Measurement Antenna 8

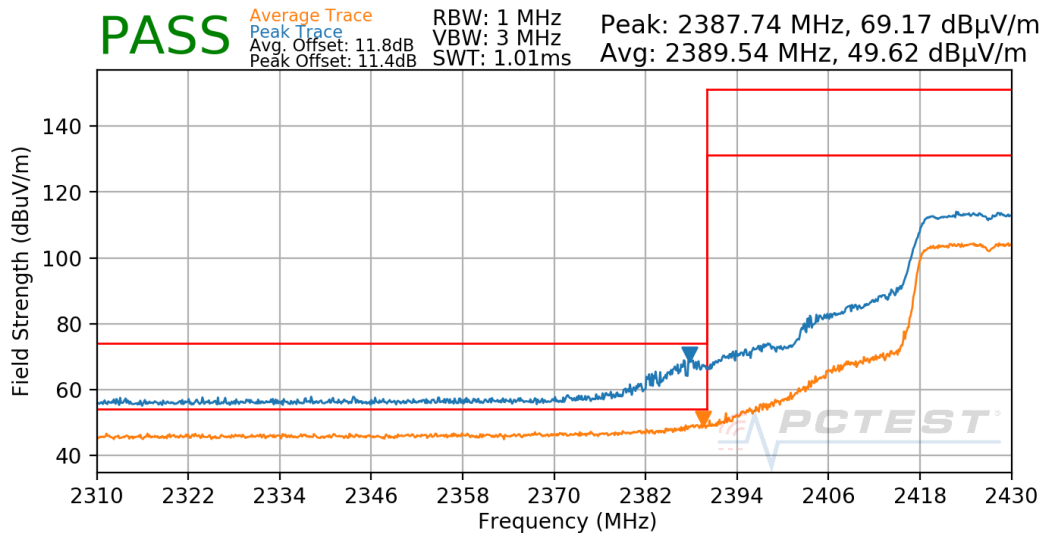
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 283 of 390

Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2427MHz
Channel: 4



Plot 7-447. Radiated Restricted Lower Band Edge Measurement Antenna 8

Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2427MHz
Channel: 4

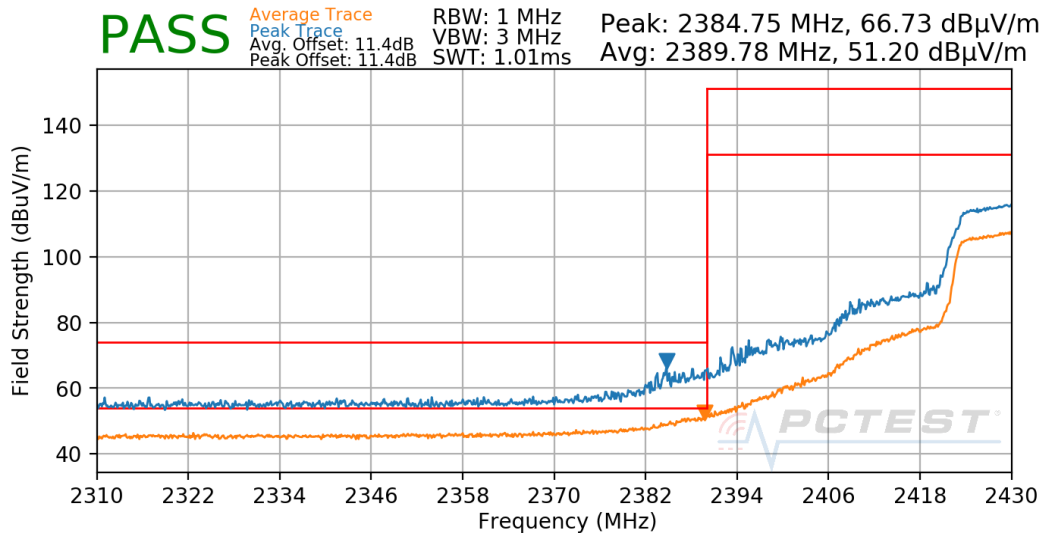


Plot 7-448. Radiated Restricted Lower Band Edge Measurement Antenna 8

Mode: 802.11n

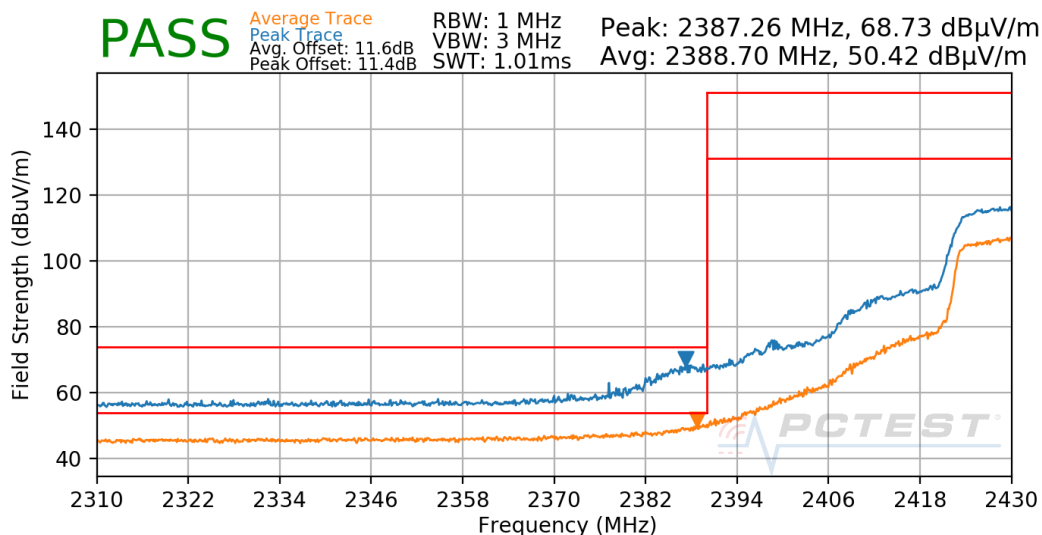
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 284 of 390

Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2432MHz
Channel: 5



Plot 7-449. Radiated Restricted Lower Band Edge Measurement Antenna 8

Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2432MHz
Channel: 5

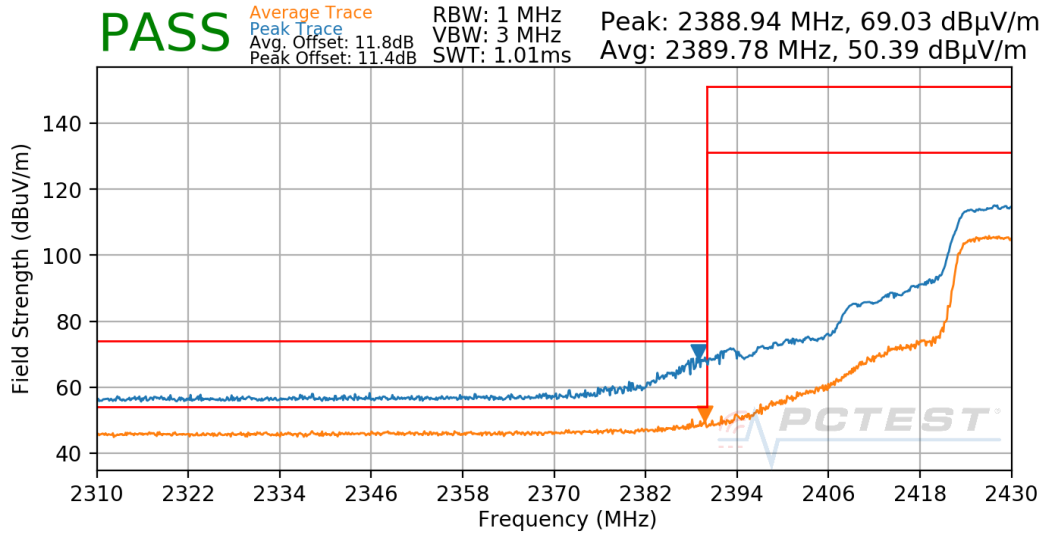


Plot 7-450. Radiated Restricted Lower Band Edge Measurement Antenna 8

Mode: 802.11n

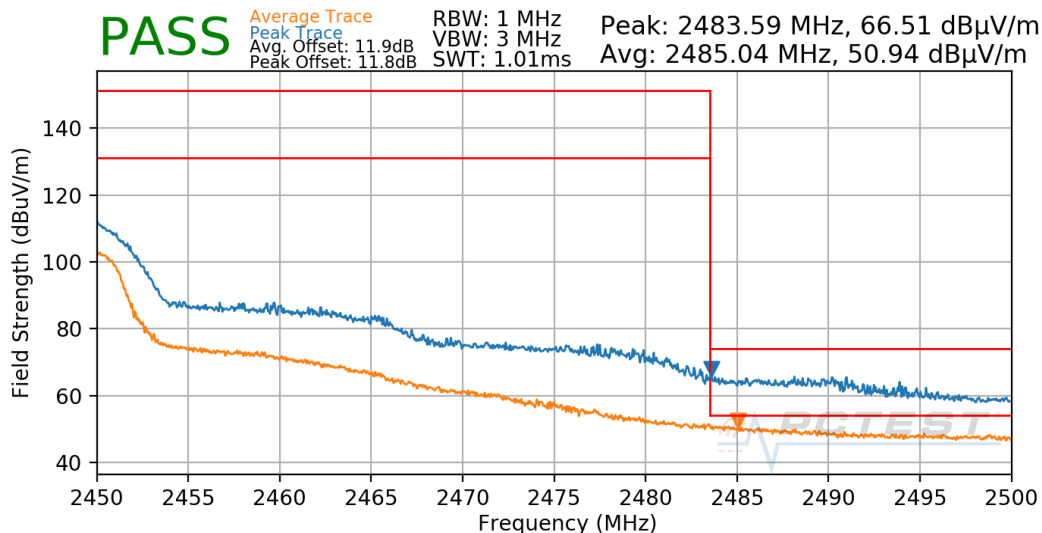
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 285 of 390

Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2432MHz
Channel: 5



Plot 7-451. Radiated Restricted Lower Band Edge Measurement Antenna 8

Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2442MHz
Channel: 7

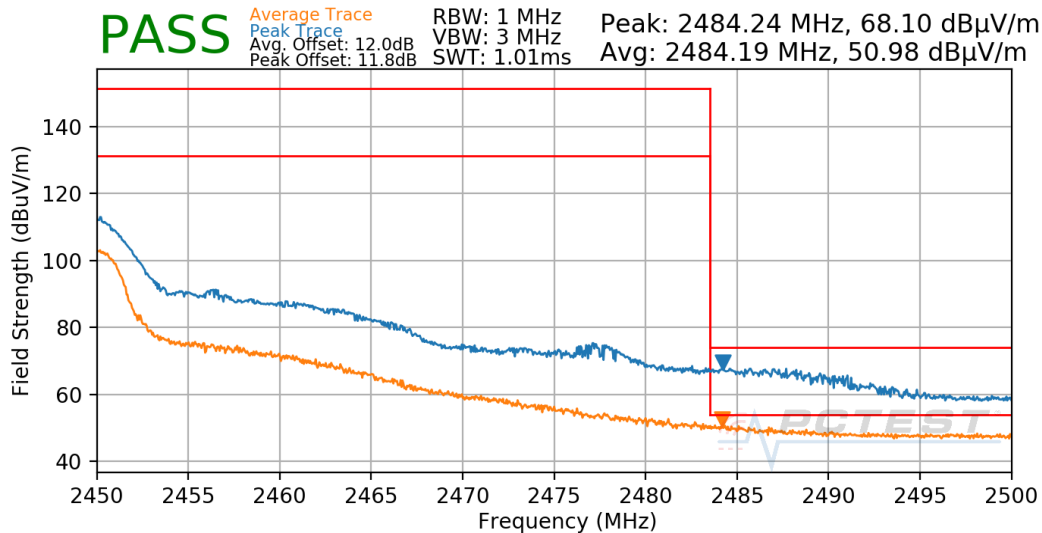


Plot 7-452. Radiated Restricted Upper Band Edge Measurement Antenna 8

Mode: 802.11n

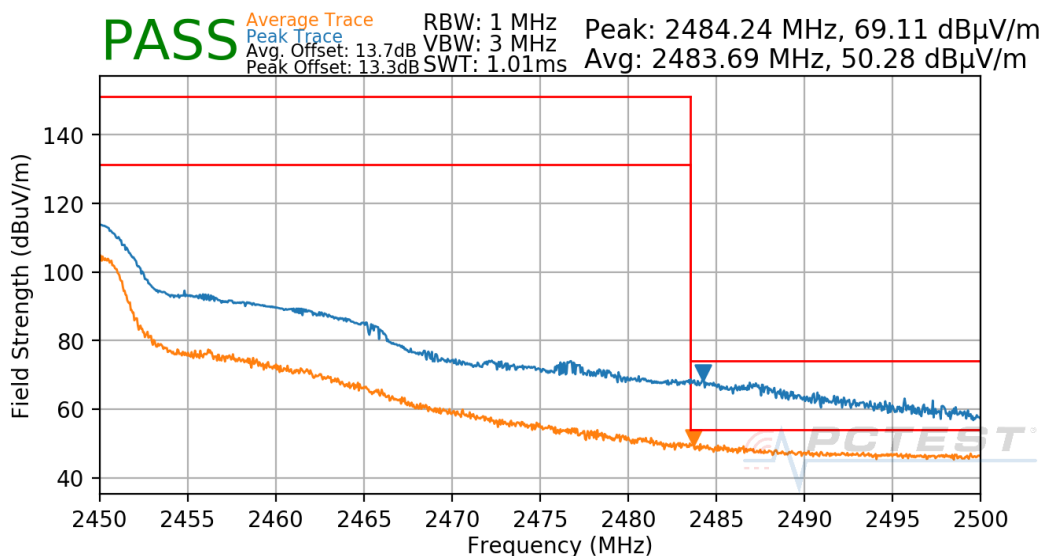
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 286 of 390

Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2442MHz
Channel: 7



Plot 7-453. Radiated Restricted Upper Band Edge Measurement Antenna 8

Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2442MHz
Channel: 7

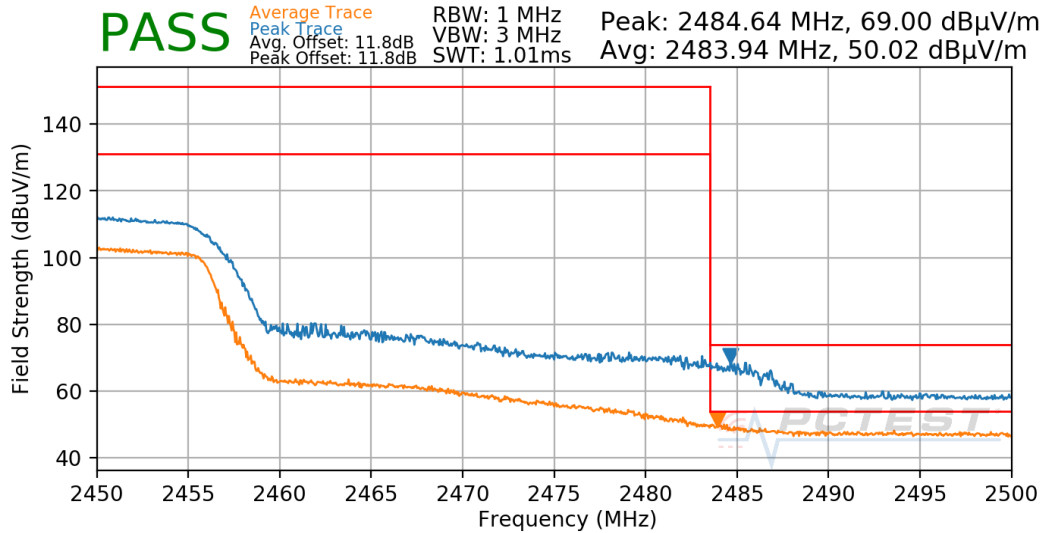


Plot 7-454. Radiated Restricted Upper Band Edge Measurement Antenna 8

Mode: 802.11n

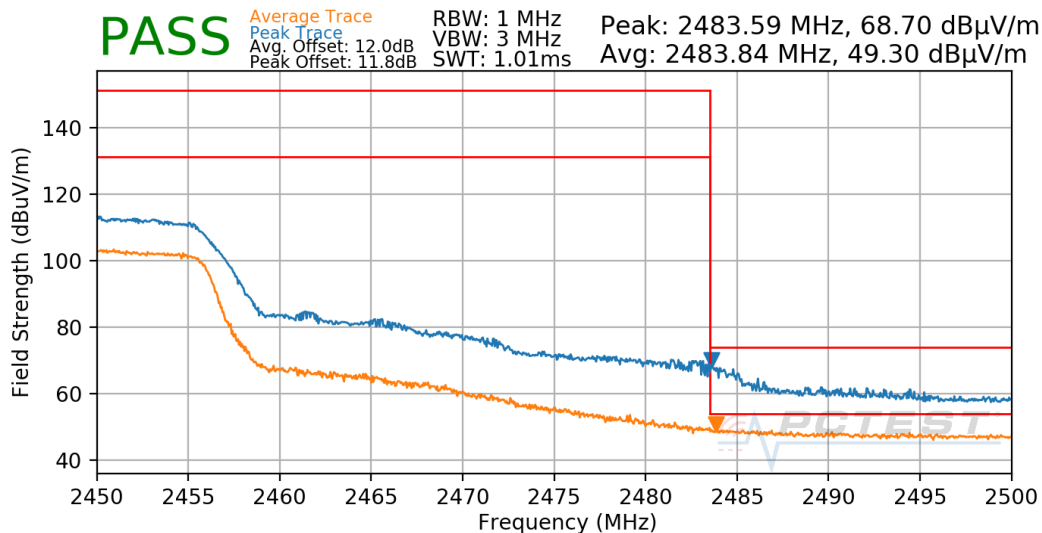
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 287 of 390

Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2447MHz
Channel: 8



Plot 7-455: Radiated Restricted Upper Band Edge Measurement Antenna 8

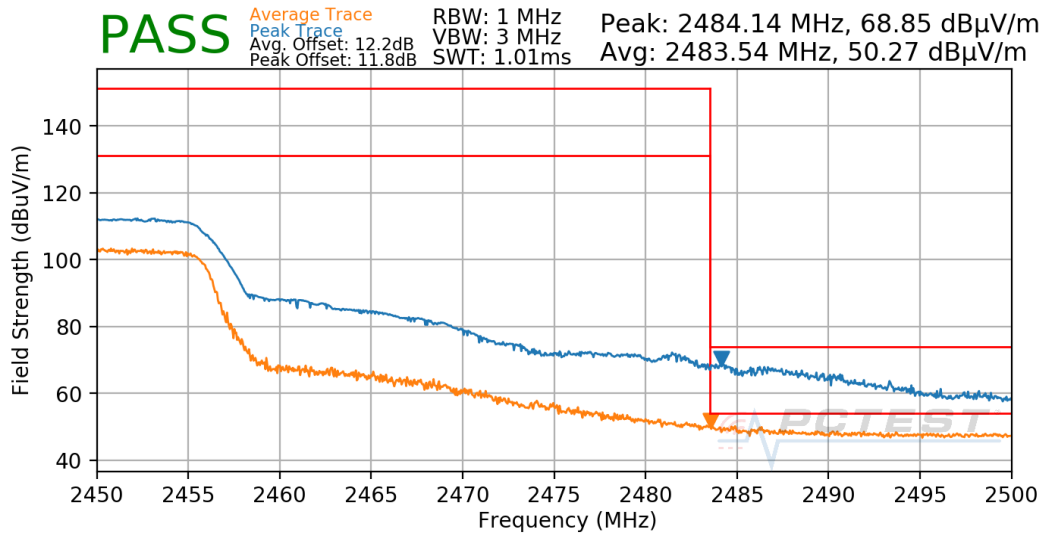
Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2447MHz
Channel: 8



Plot 7-456: Radiated Restricted Upper Band Edge Measurement Antenna 8

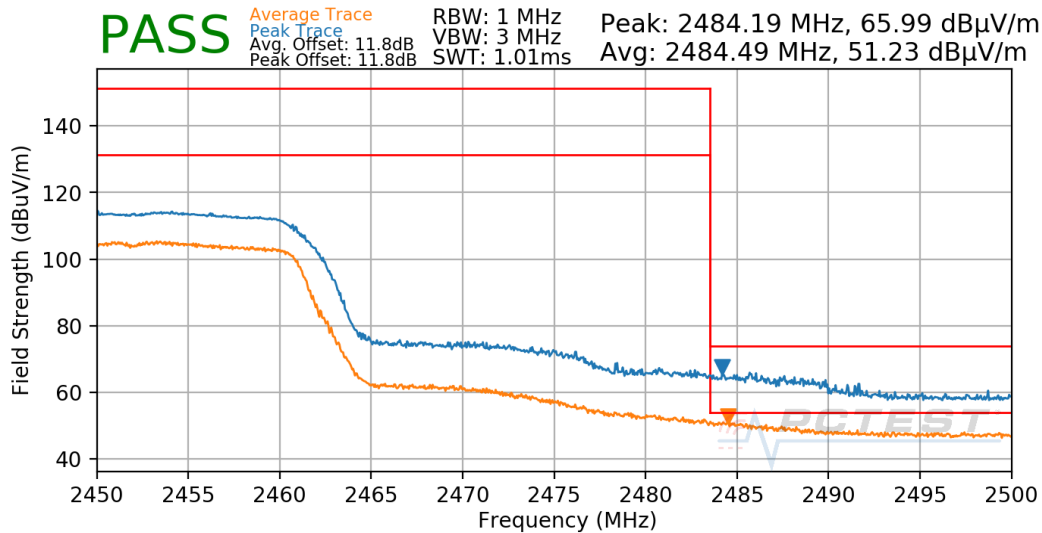
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 288 of 390

Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2447MHz
Channel: 8



Plot 7-457. Radiated Restricted Upper Band Edge Measurement Antenna 8

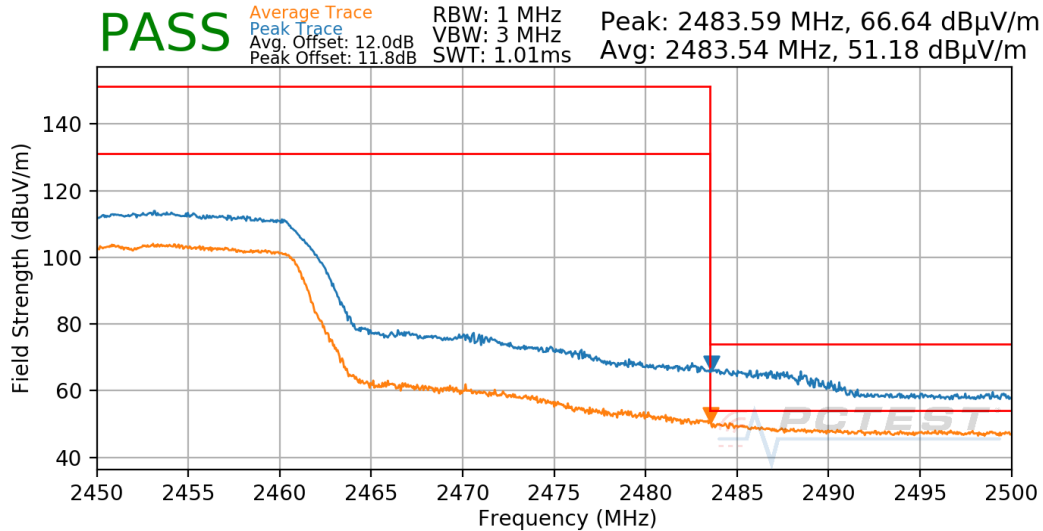
Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-458: Radiated Restricted Upper Band Edge Measurement Antenna 8

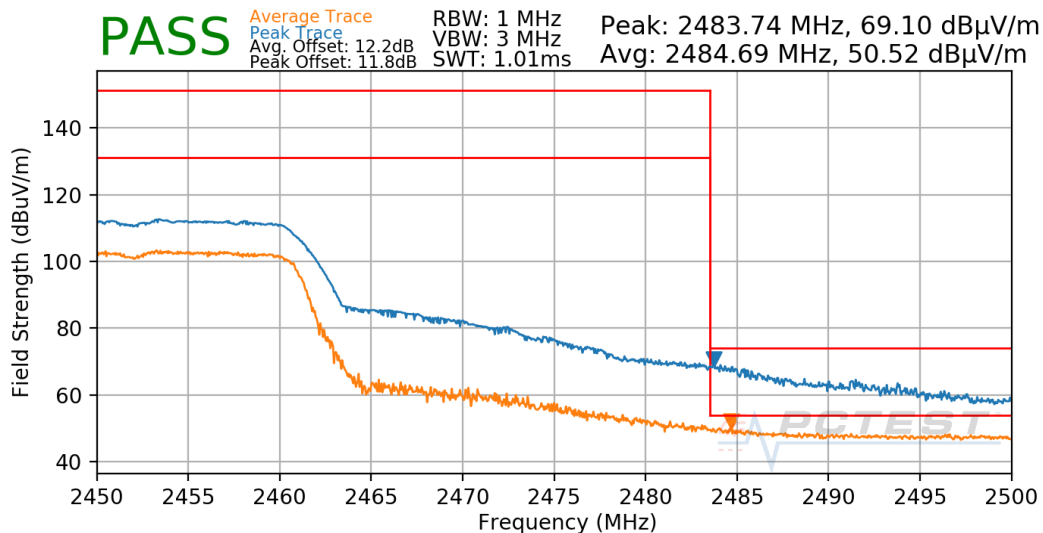
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 289 of 390

Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-459. Radiated Restricted Upper Band Edge Measurement Antenna 8

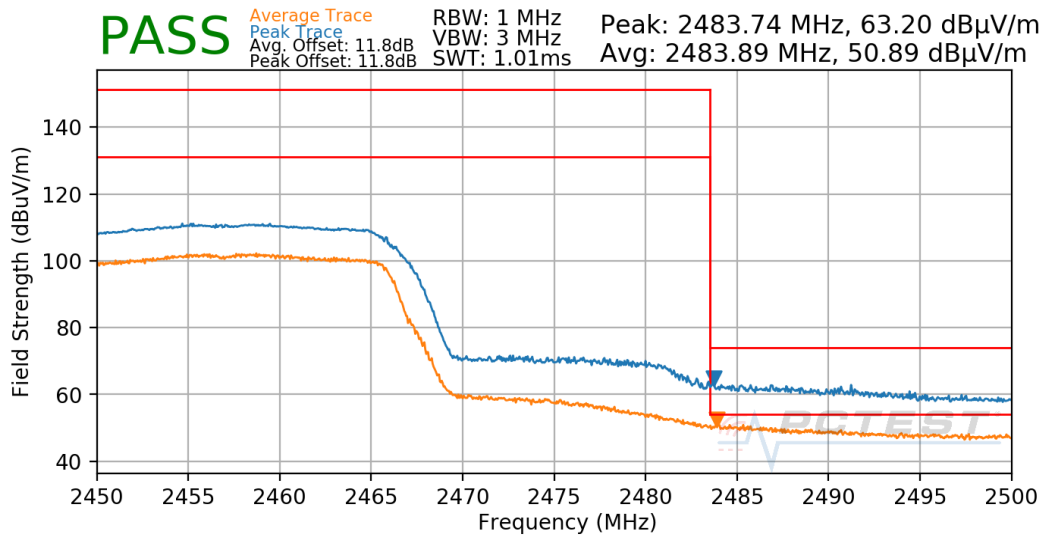
Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-460. Radiated Restricted Upper Band Edge Measurement Antenna 8

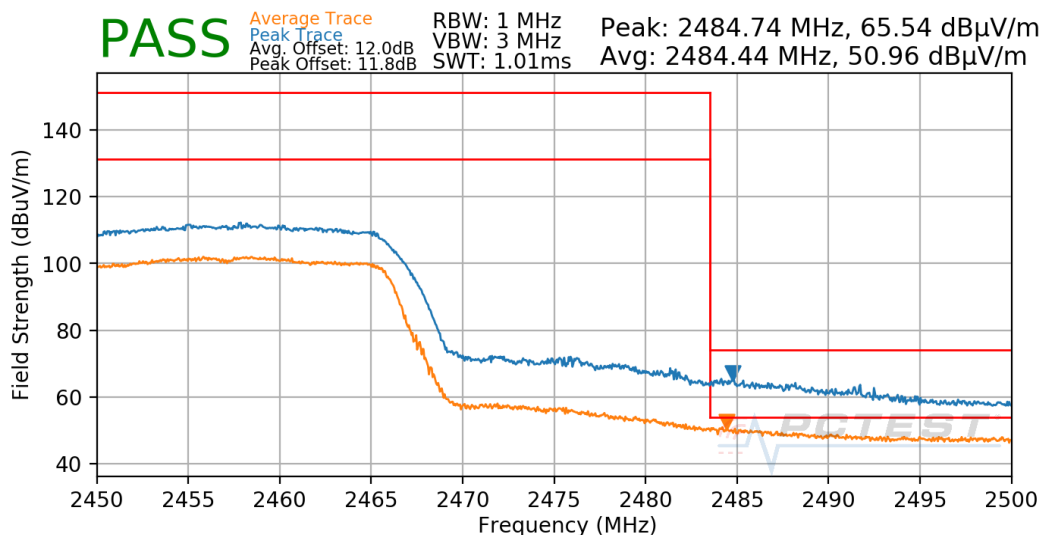
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 290 of 390

Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-461. Radiated Restricted Upper Band Edge Measurement Antenna 8

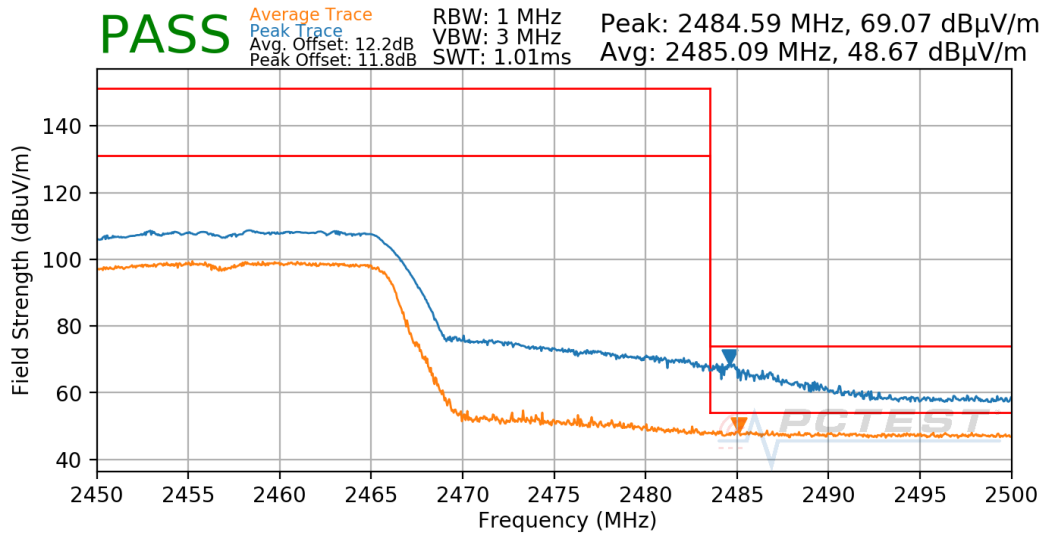
Mode: 802.11n
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-462. Radiated Restricted Upper Band Edge Measurement Antenna 8

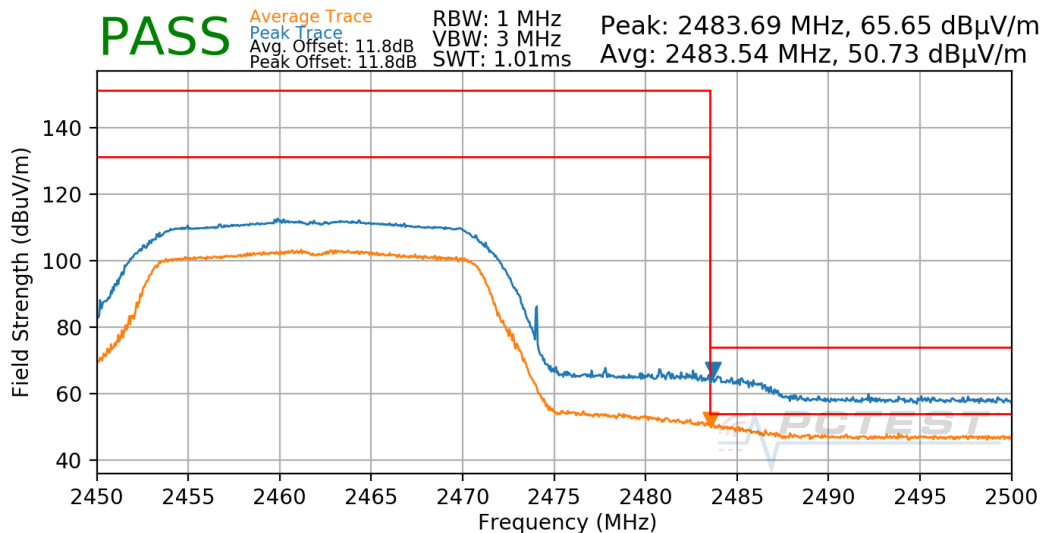
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 291 of 390

Mode: 802.11n
Data Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-463. Radiated Restricted Upper Band Edge Measurement Antenna 8

Mode: 802.11n
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-464. Radiated Restricted Upper Band Edge Measurement Antenna 8

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-02-R1.BCG	Test Dates: 12/15/2020 - 3/18/2021	EUT Type: Tablet Device	Page 292 of 390