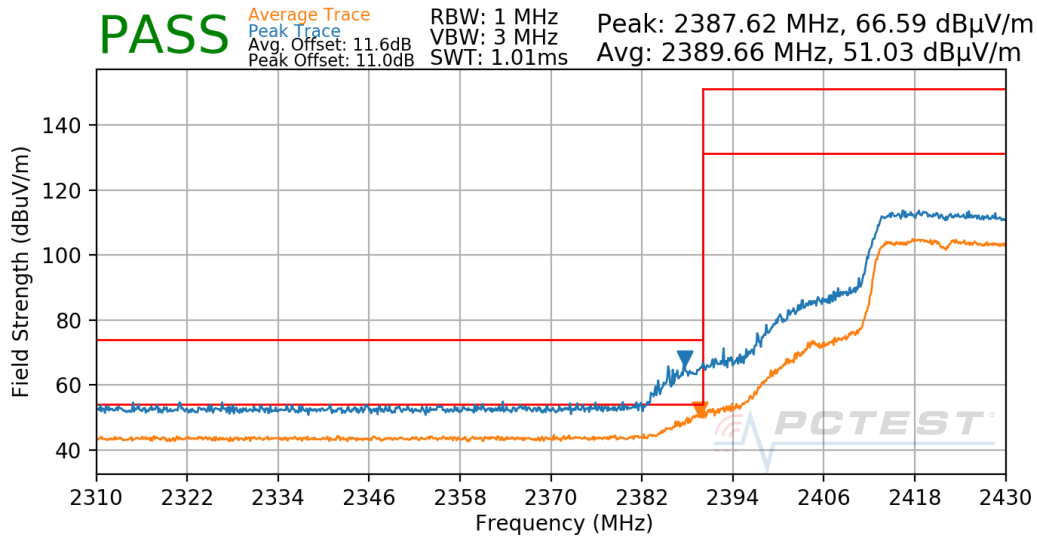
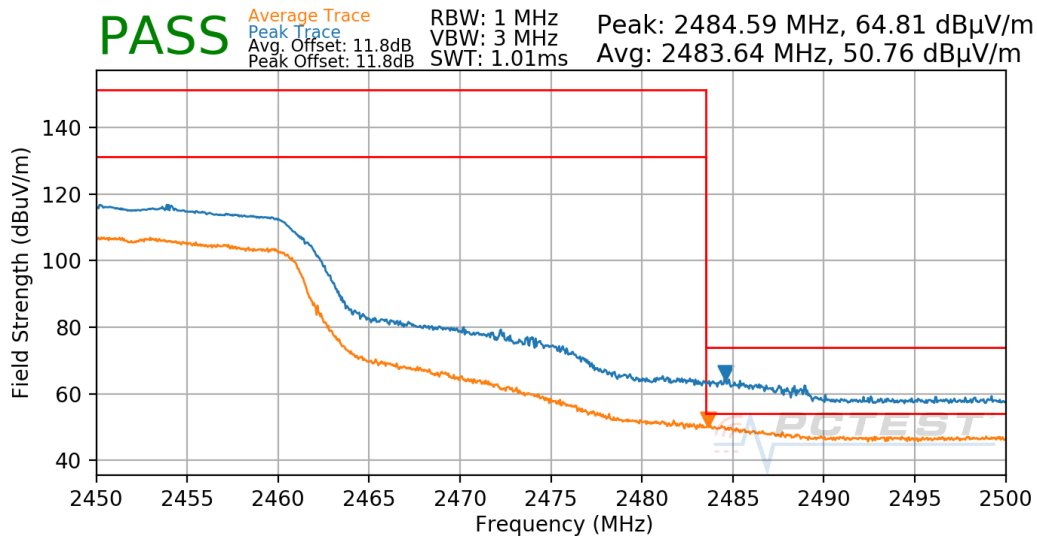


Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-461. Radiated Restricted Lower Band Edge Measurement CDD

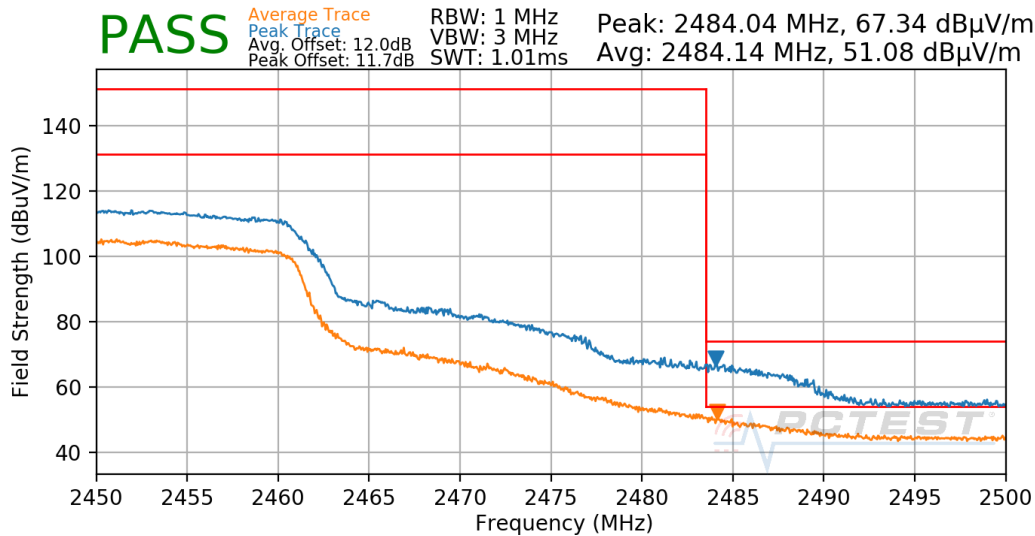
Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-462. Radiated Restricted Upper Band Edge Measurement CDD

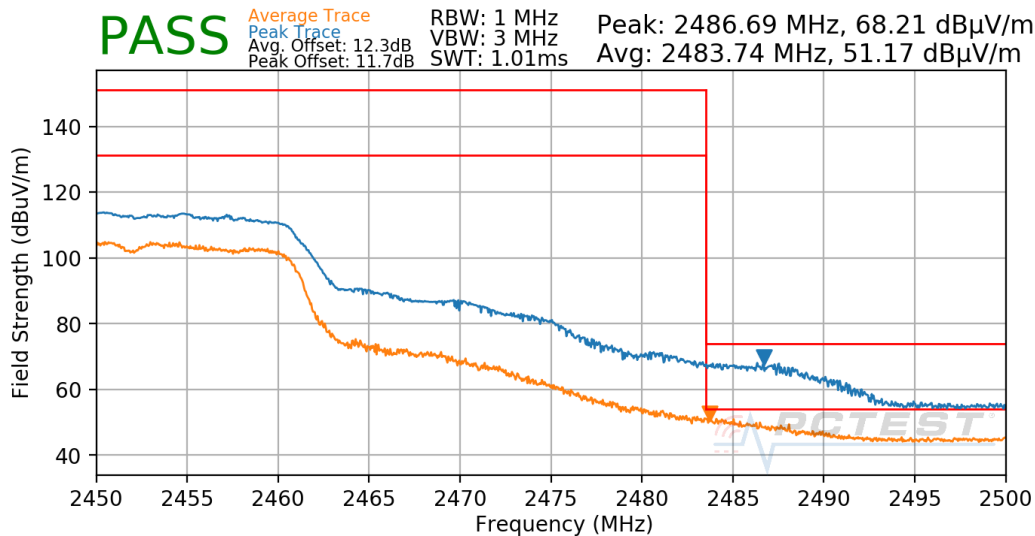
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 285 of 315

Mode: 802.11n
Data Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-463. Radiated Restricted Upper Band Edge Measurement CDD

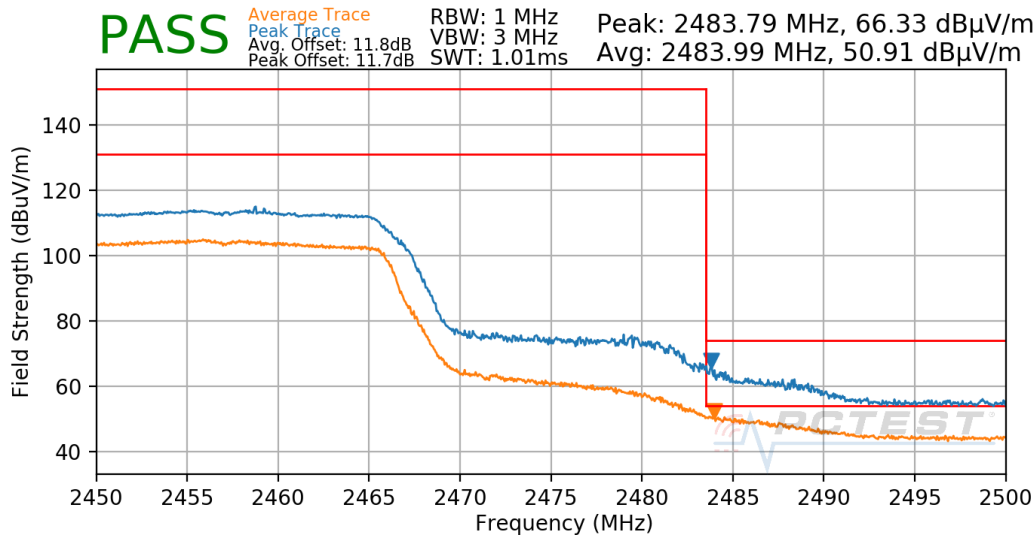
Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-464. Radiated Restricted Upper Band Edge Measurement CDD

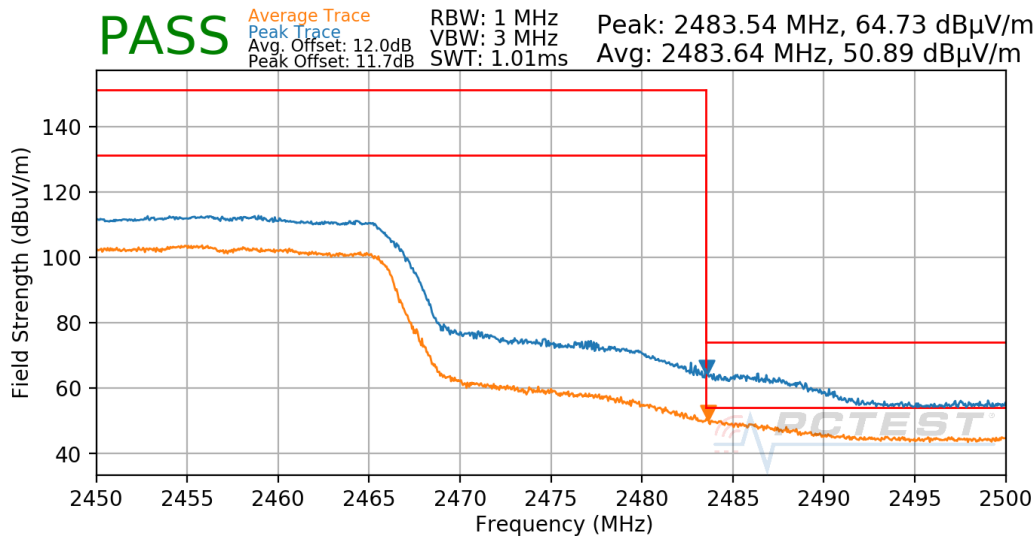
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 286 of 315

Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-465. Radiated Restricted Upper Band Edge Measurement CDD

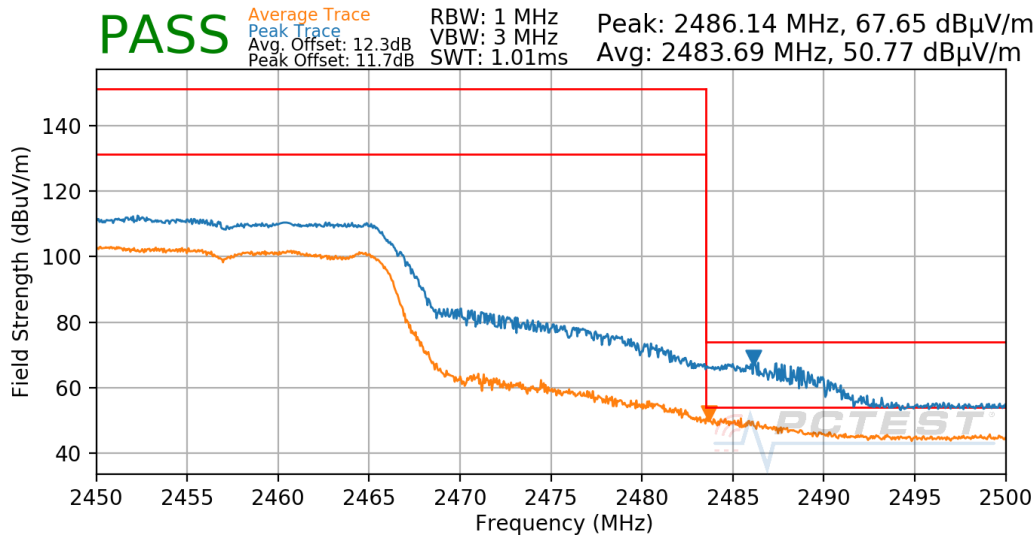
Mode: 802.11n
Data Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-466. Radiated Restricted Upper Band Edge Measurement CDD

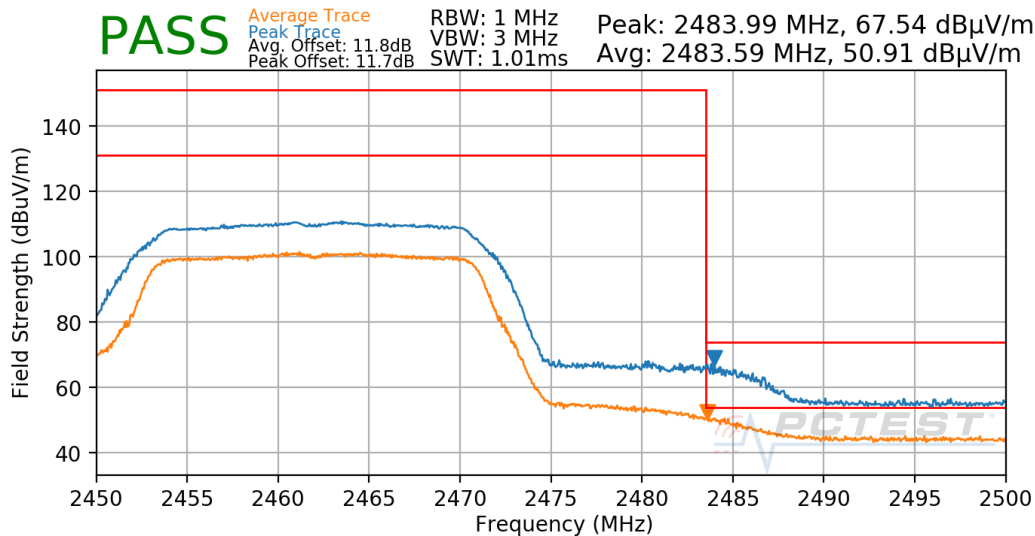
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 287 of 315

Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-467. Radiated Restricted Upper Band Edge Measurement CDD

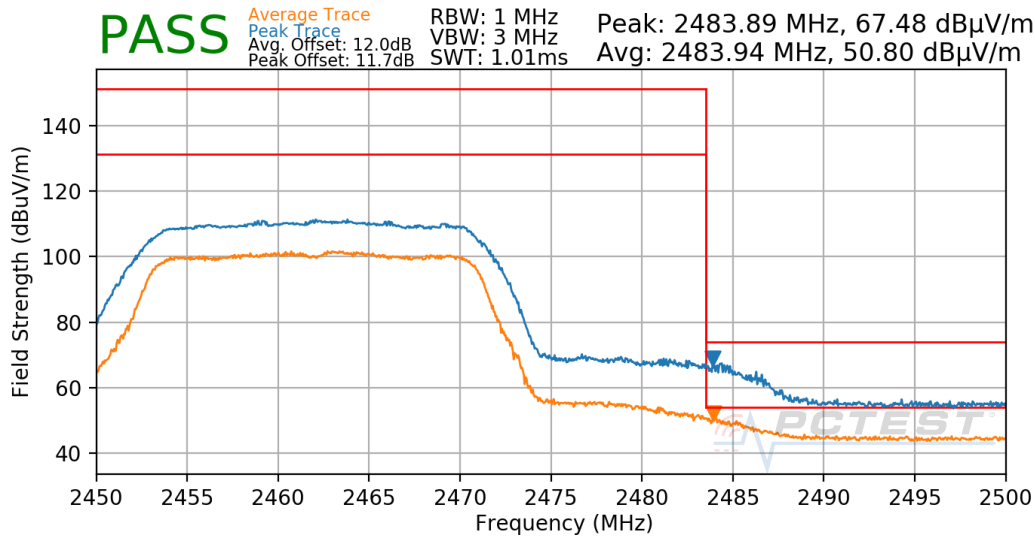
Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-468. Radiated Restricted Upper Band Edge Measurement CDD

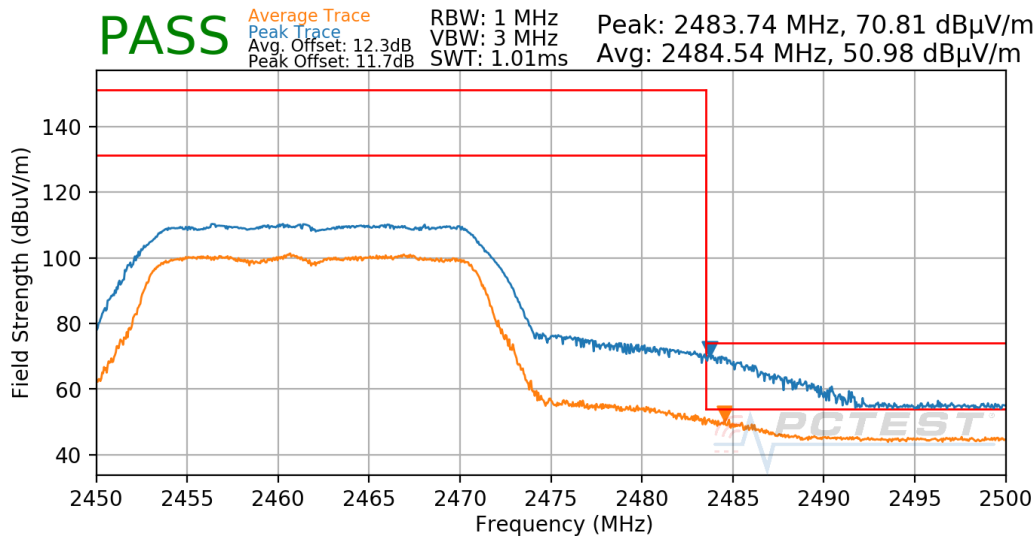
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 288 of 315

Mode: 802.11n
Data Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-469. Radiated Restricted Upper Band Edge Measurement CDD

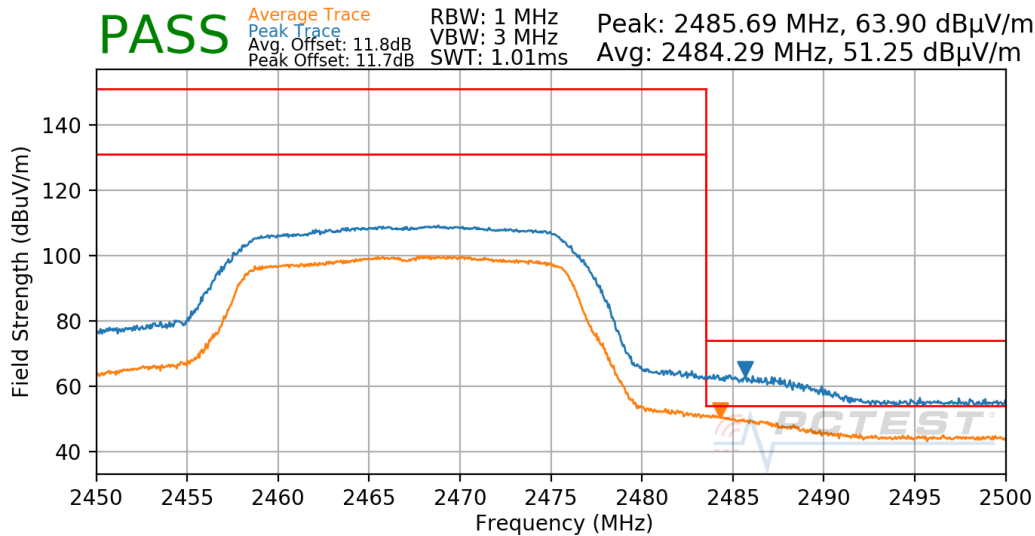
Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-470. Radiated Restricted Upper Band Edge Measurement CDD

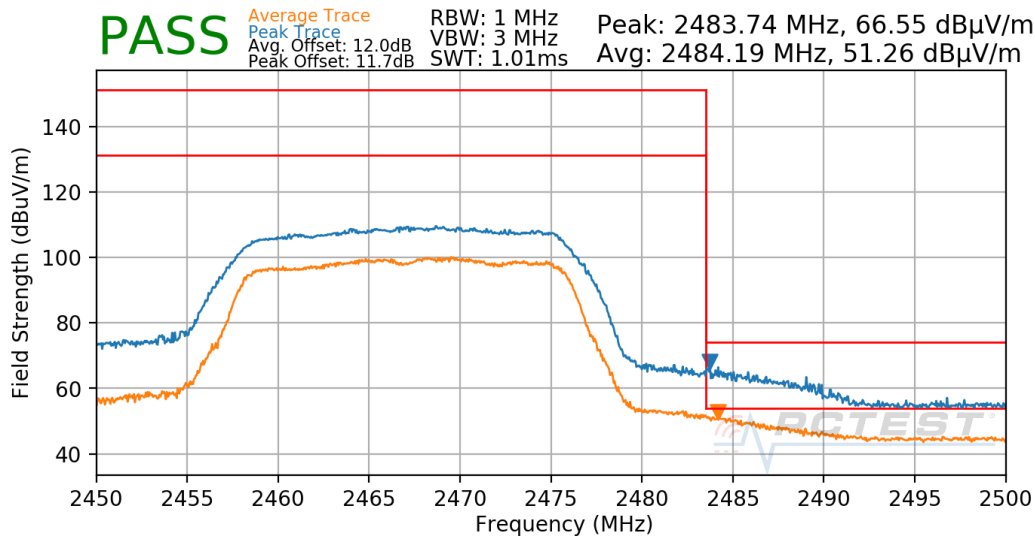
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 289 of 315

Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-471. Radiated Restricted Upper Band Edge Measurement CDD

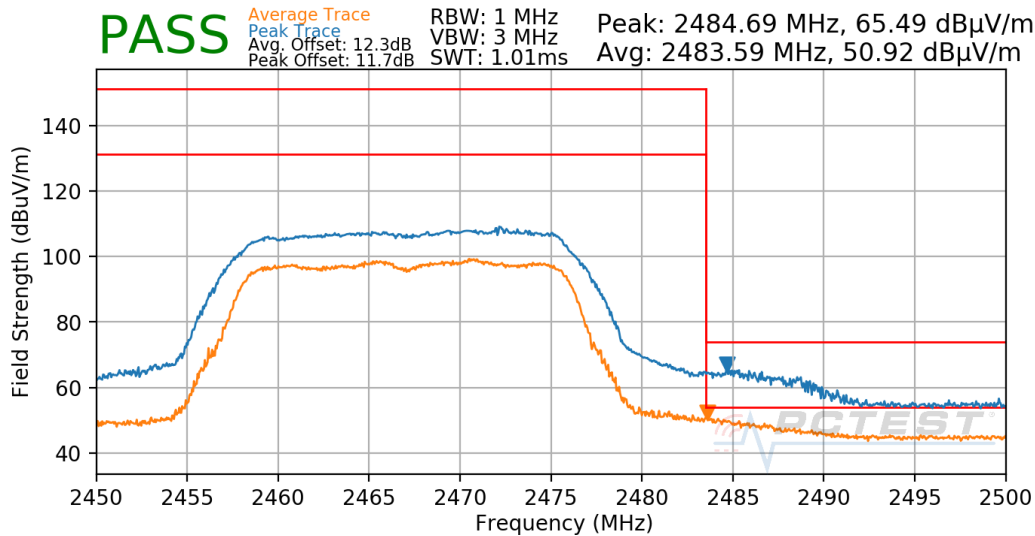
Mode: 802.11n
Data Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-472. Radiated Restricted Upper Band Edge Measurement CDD

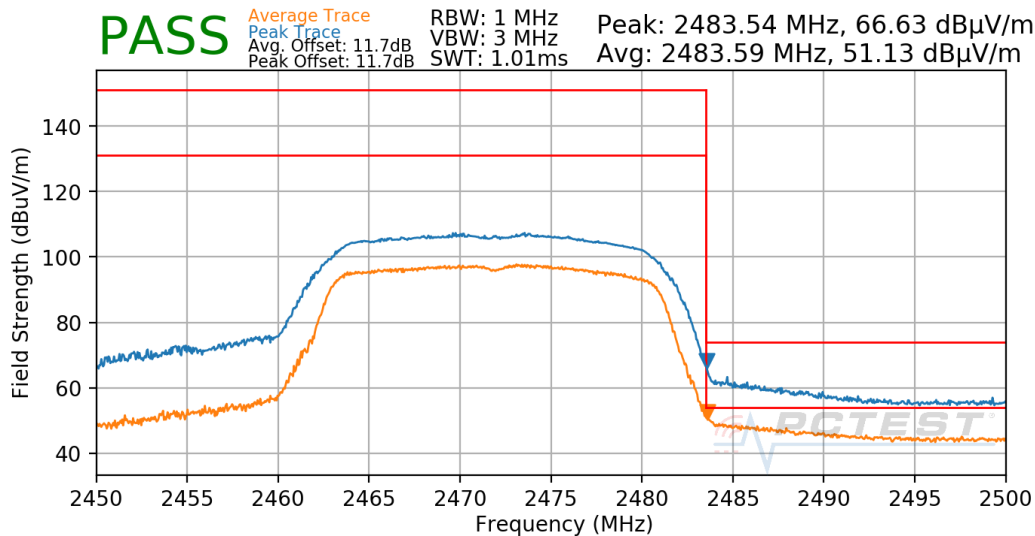
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 290 of 315

Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-473. Radiated Restricted Upper Band Edge Measurement CDD

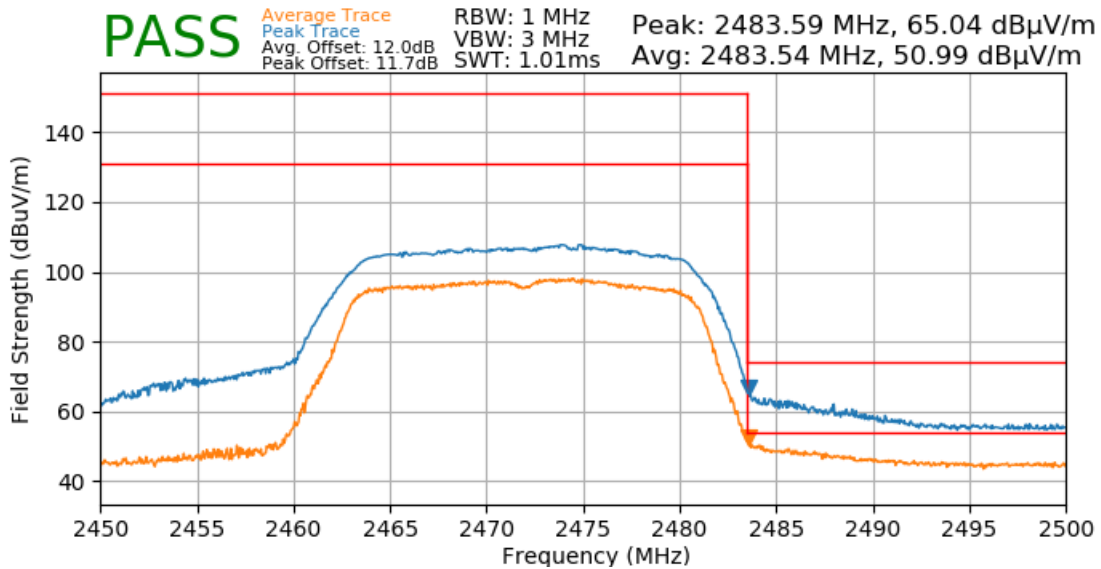
Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-474. Radiated Restricted Upper Band Edge Measurement CDD

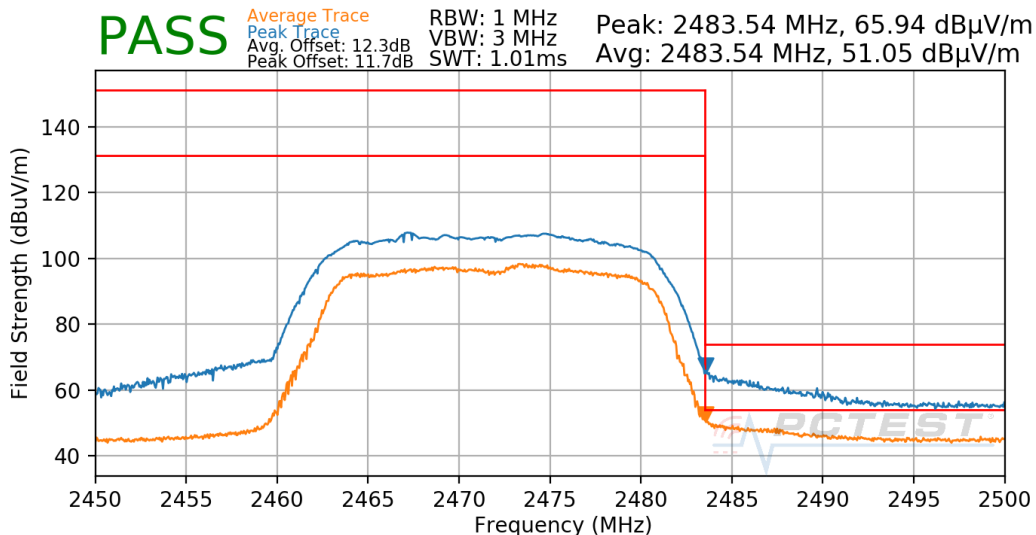
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 291 of 315

Mode: 802.11n
Data Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-475. Radiated Restricted Upper Band Edge Measurement CDD

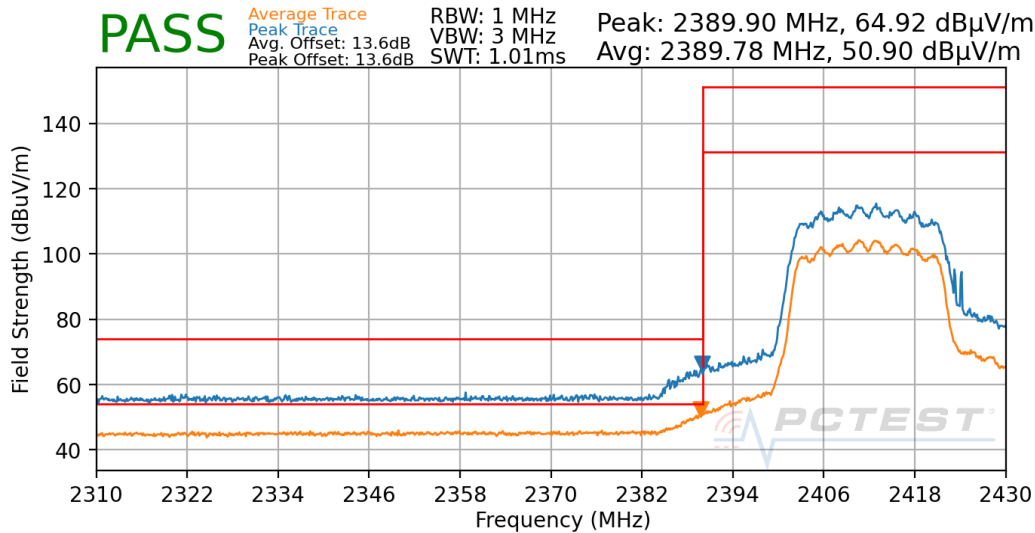
Mode: 802.11n
Data Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-476. Radiated Restricted Upper Band Edge Measurement CDD

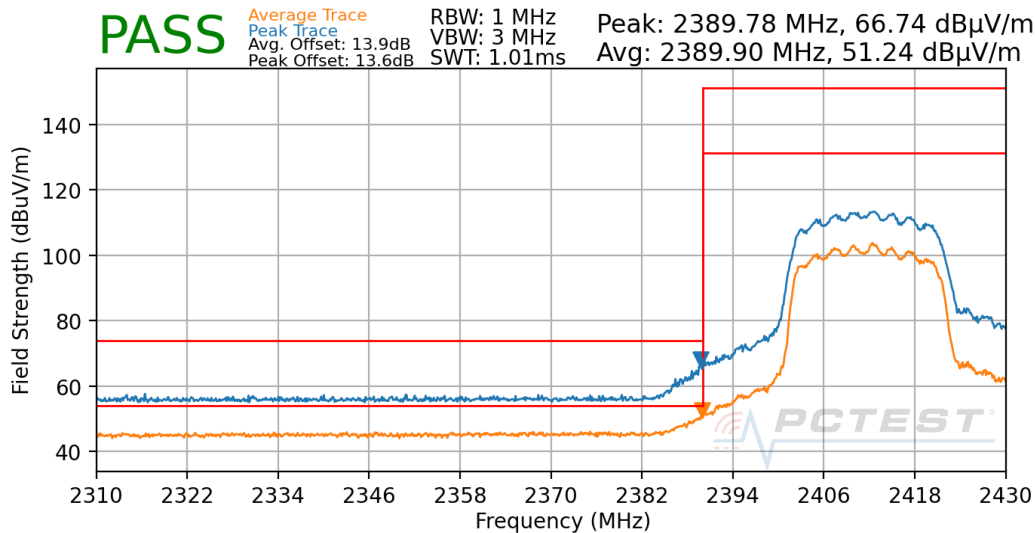
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 292 of 315

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



Plot 7-477. Radiated Restricted Lower Band Edge Measurement CDD

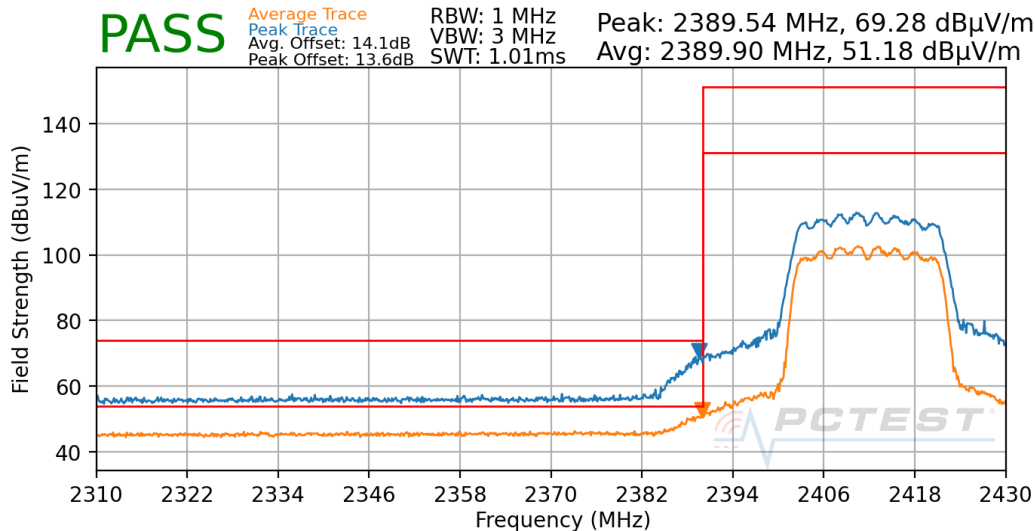
Mode: 802.11ax - SU
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 1



Plot 7-478. Radiated Restricted Lower Band Edge Measurement CDD

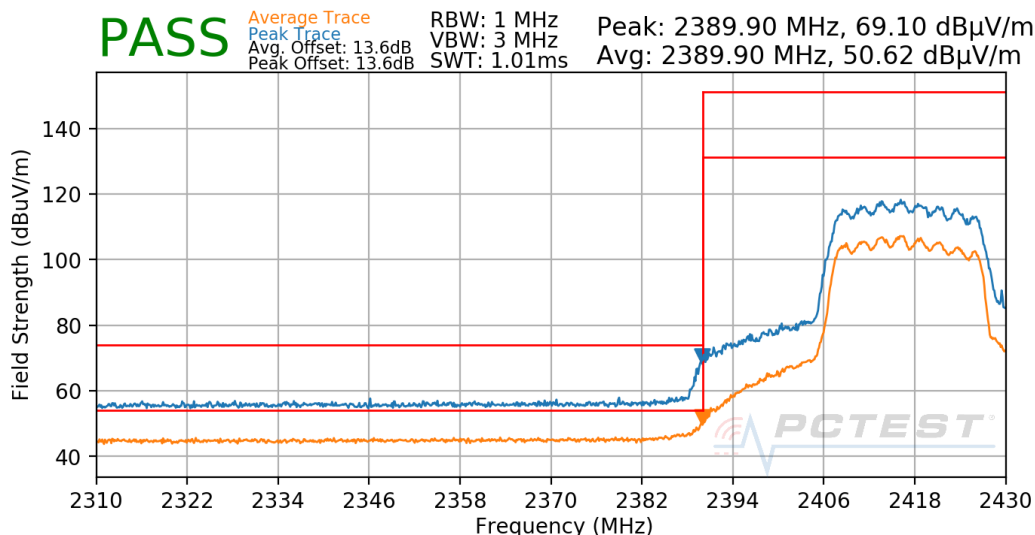
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 293 of 315

Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 1



Plot 7-479. Radiated Restricted Lower Band Edge Measurement CDD

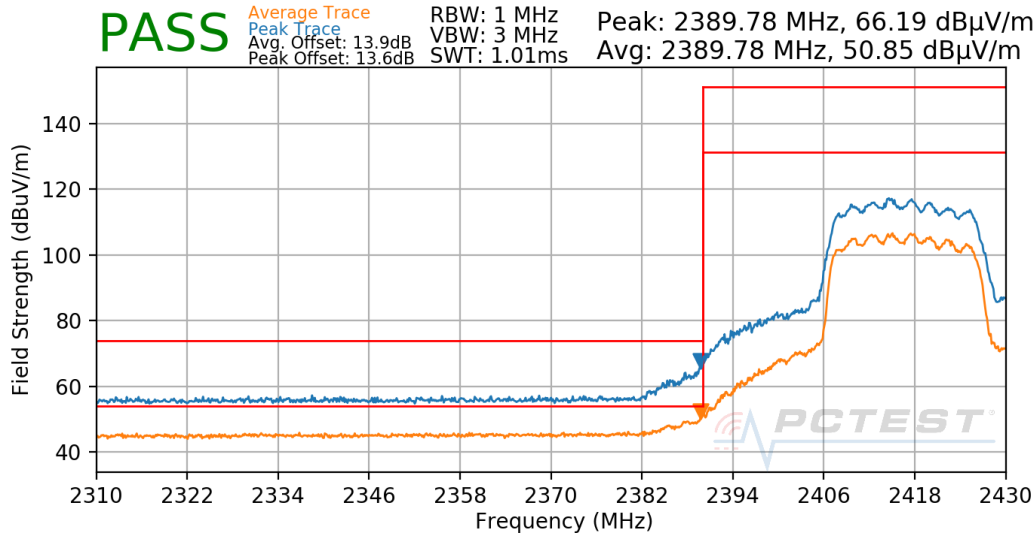
Mode: 802.11ax - SU
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-480. Radiated Restricted Lower Band Edge Measurement CDD

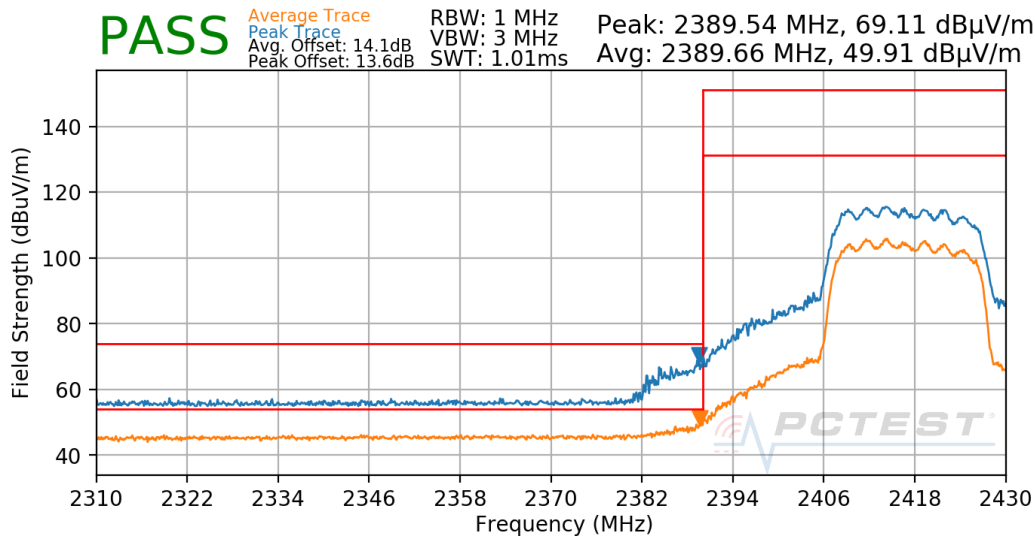
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 294 of 315

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



Plot 7-481. Radiated Restricted Lower Band Edge Measurement CDD

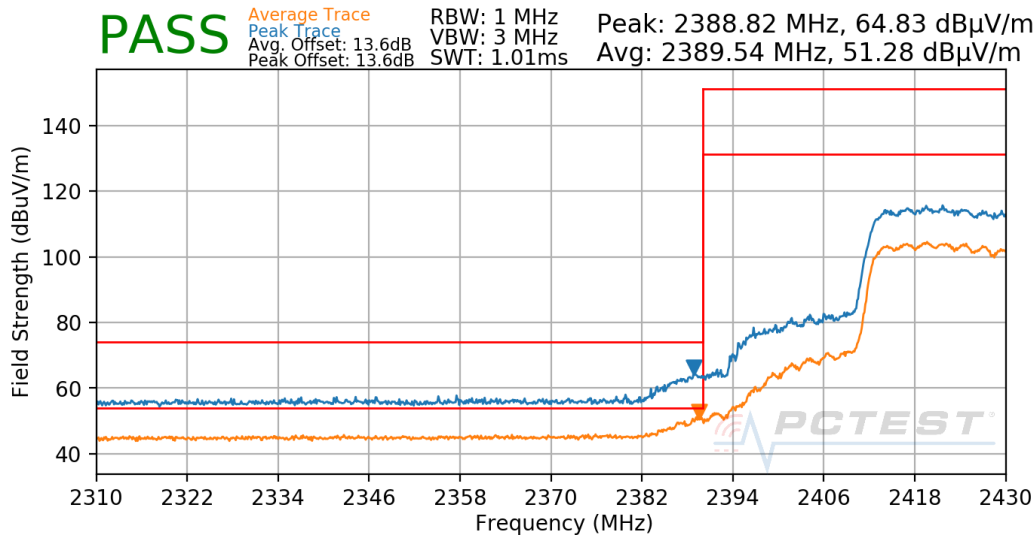
Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-482. Radiated Restricted Lower Band Edge Measurement CDD

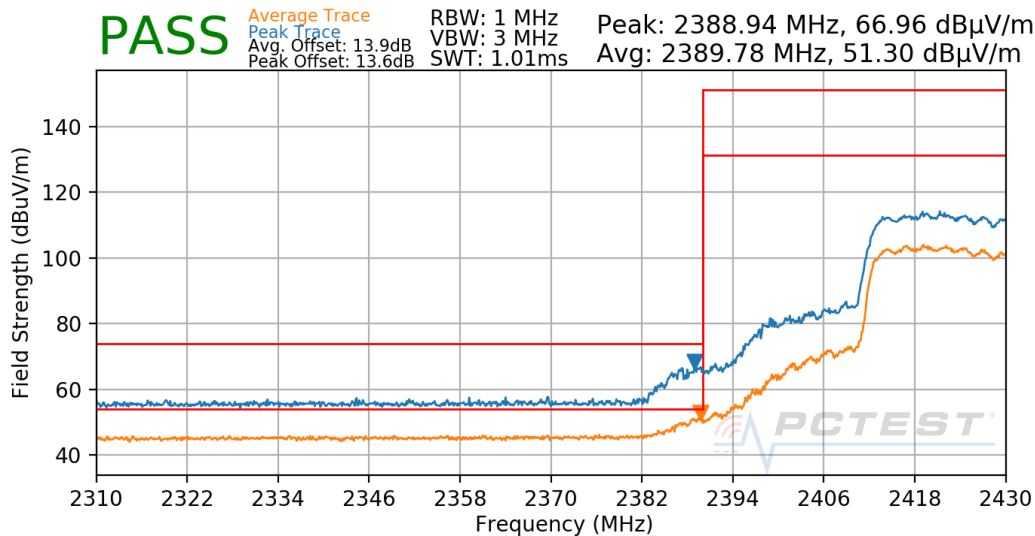
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 295 of 315

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



Plot 7-483. Radiated Restricted Lower Band Edge Measurement CDD

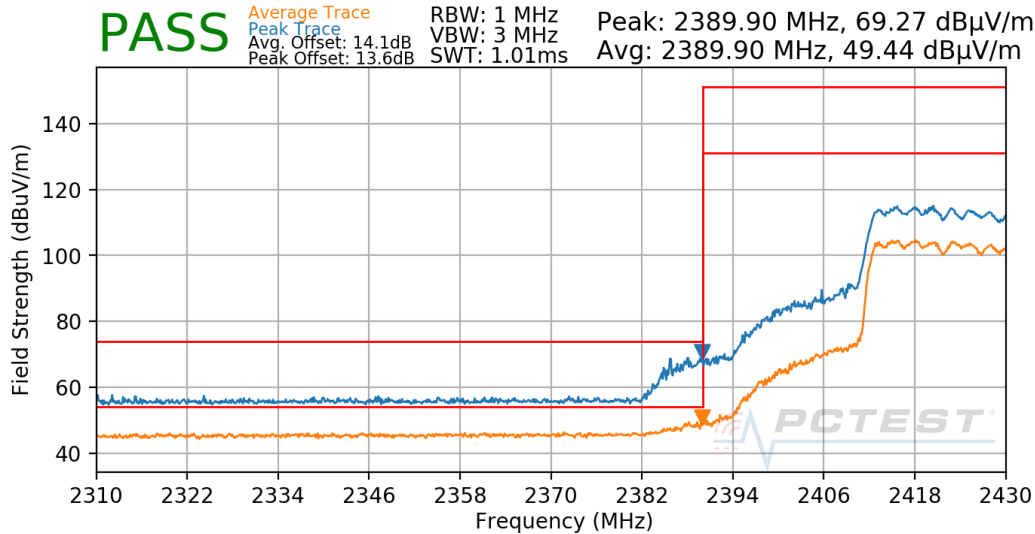
Mode: 802.11ax - SU
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-484. Radiated Restricted Lower Band Edge Measurement CDD

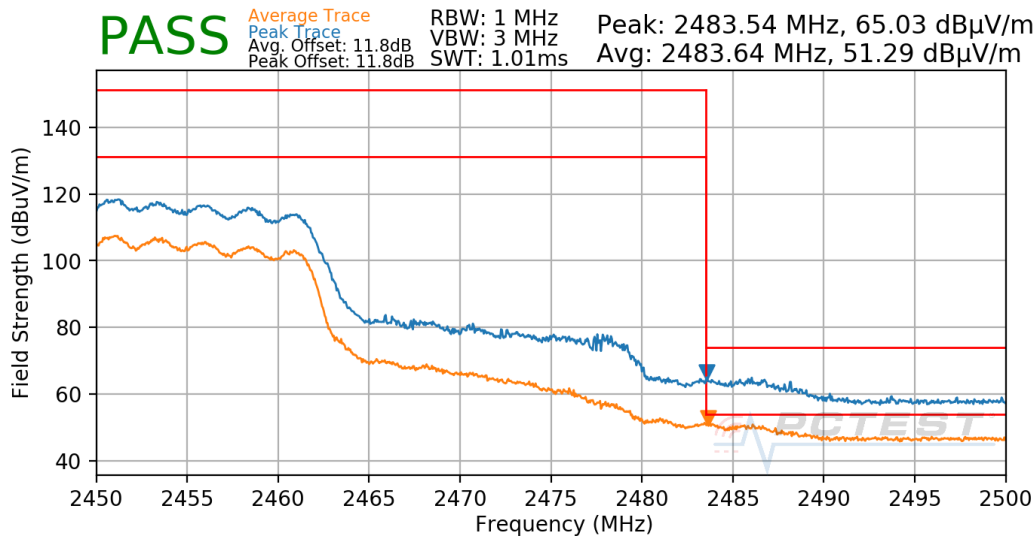
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 296 of 315

Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-485. Radiated Restricted Lower Band Edge Measurement CDD

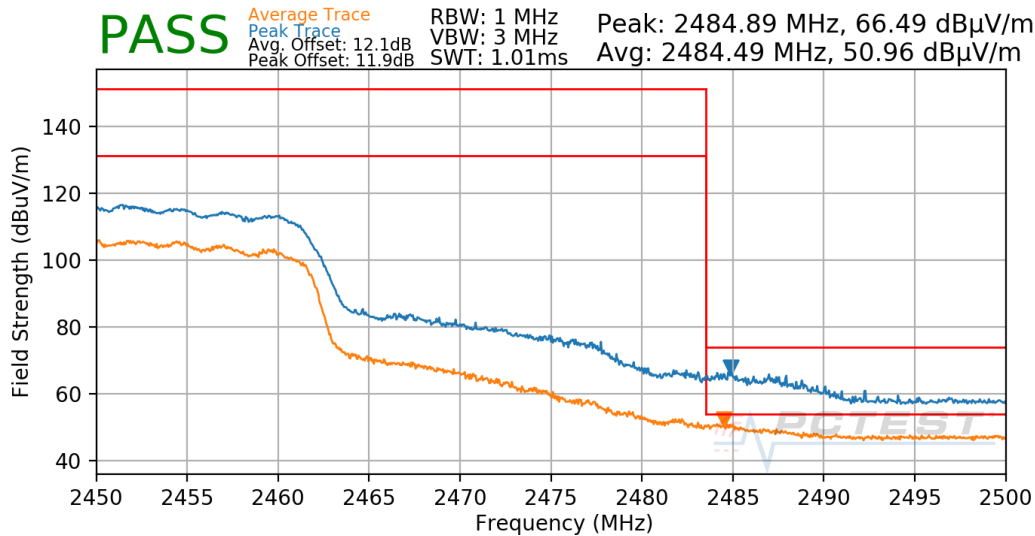
Mode: 802.11ax - SU
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-486. Radiated Restricted Upper Band Edge Measurement CDD

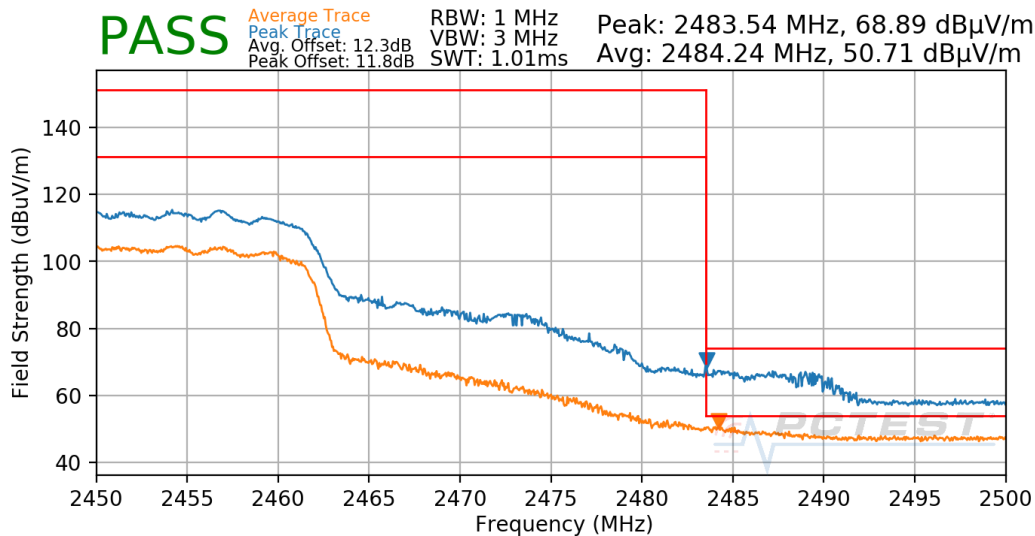
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 297 of 315

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



Plot 7-487. Radiated Restricted Upper Band Edge Measurement CDD

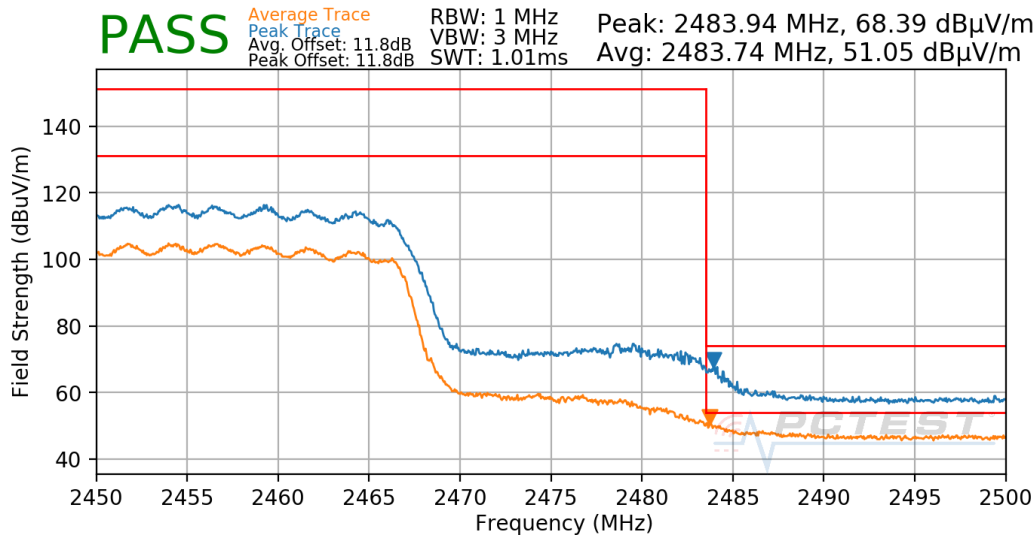
Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-488. Radiated Restricted Upper Band Edge Measurement CDD

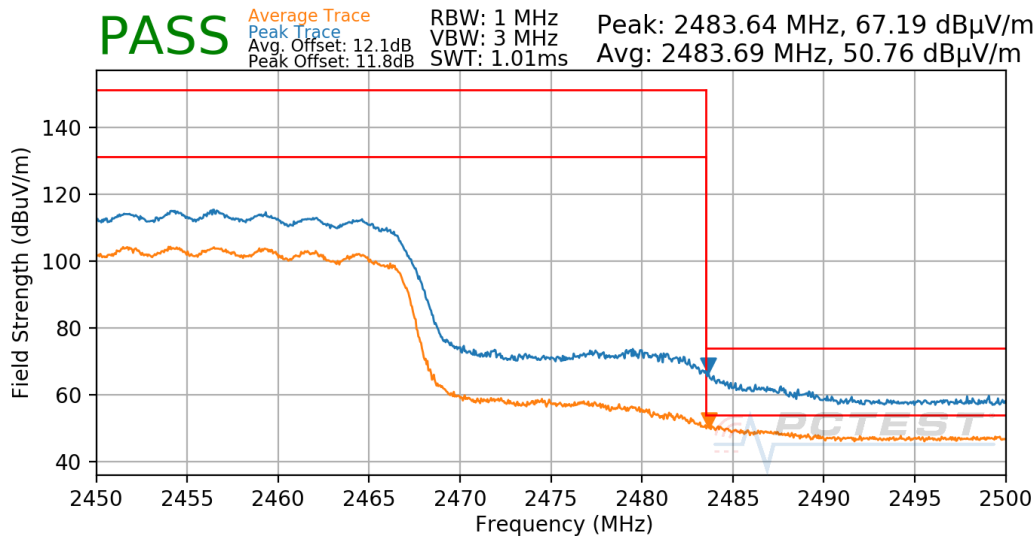
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 298 of 315

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



Plot 7-489. Radiated Restricted Upper Band Edge Measurement CDD

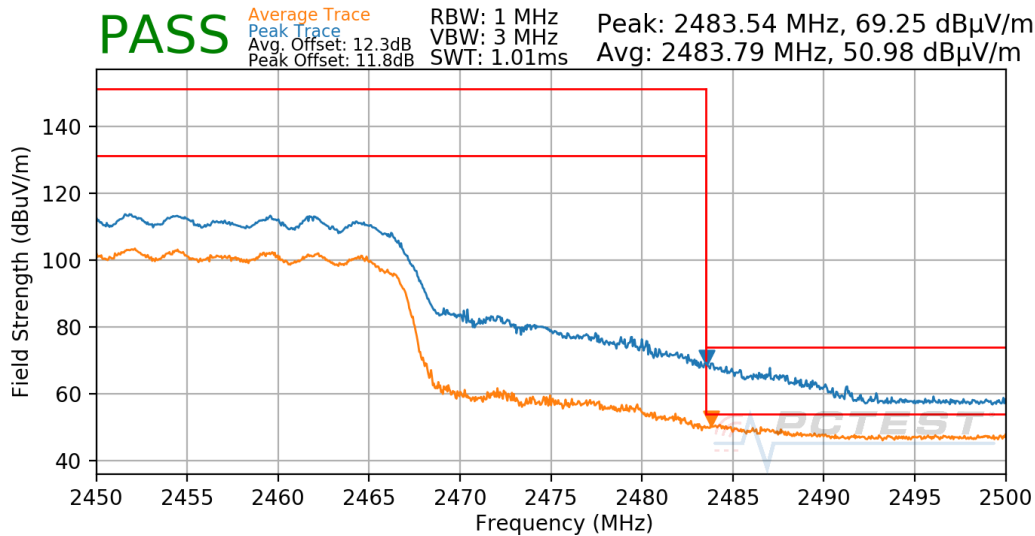
Mode: 802.11ax - SU
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-490. Radiated Restricted Upper Band Edge Measurement CDD

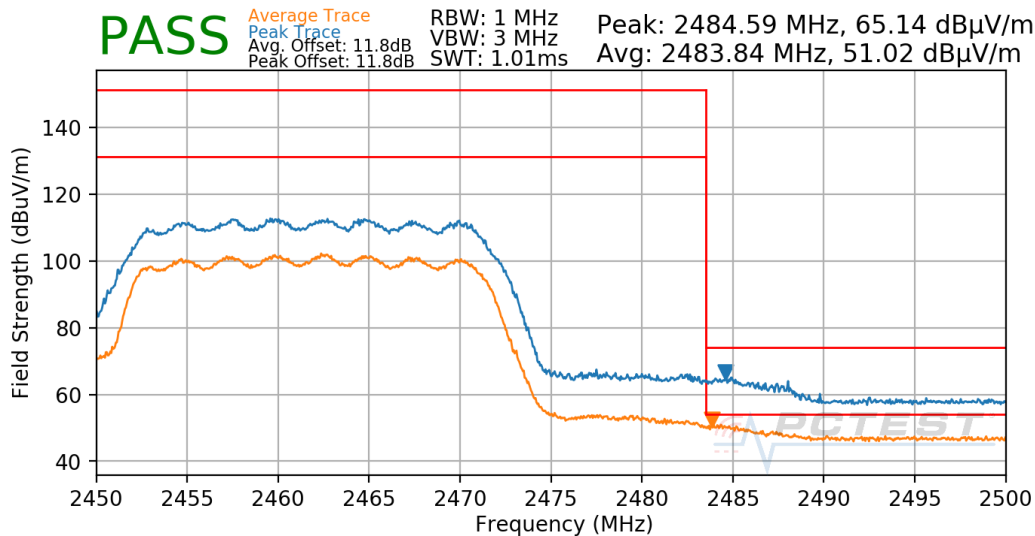
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 299 of 315

Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-491. Radiated Restricted Upper Band Edge Measurement CDD

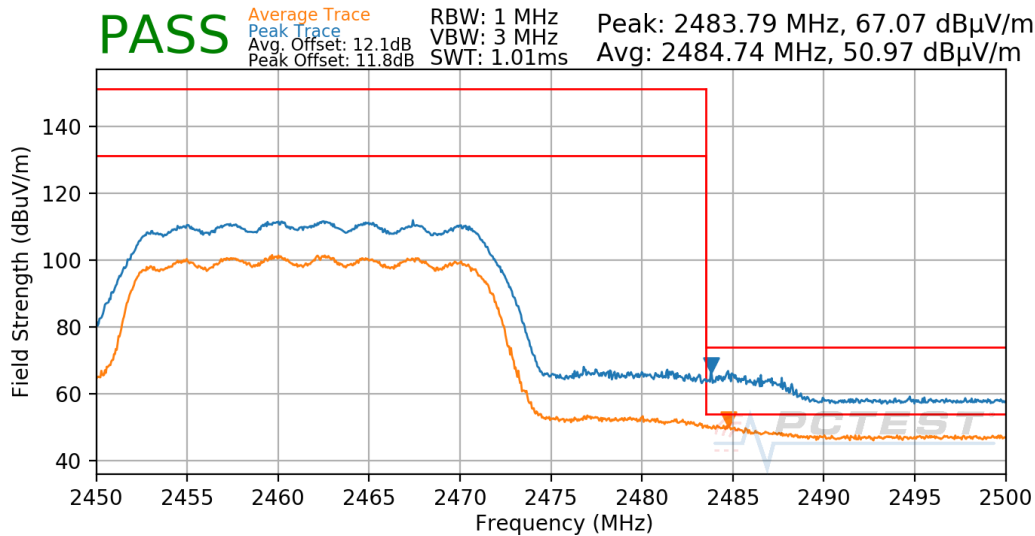
Mode: 802.11ax - SU
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-492. Radiated Restricted Upper Band Edge Measurement CDD

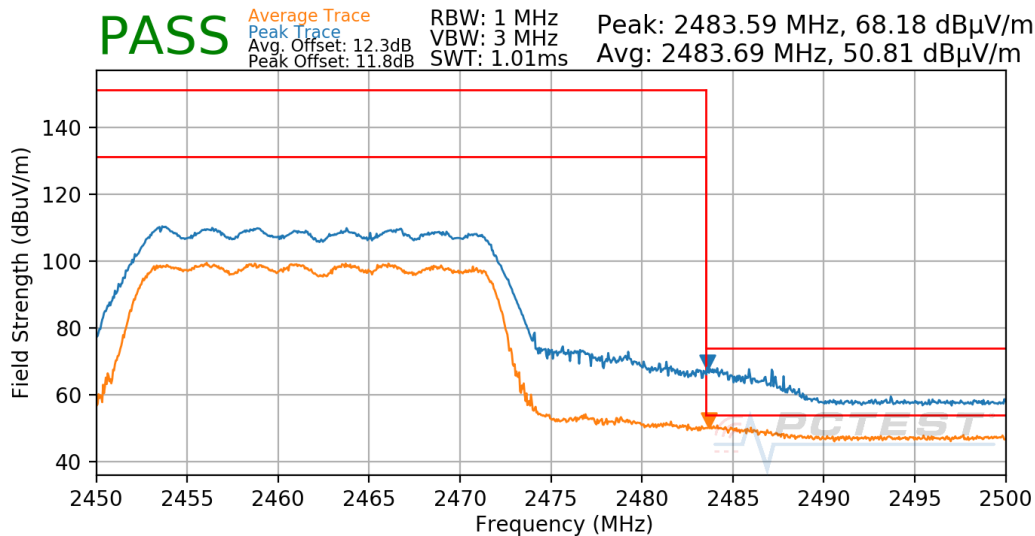
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 300 of 315

Mode: 802.11ax - SU
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-493. Radiated Restricted Upper Band Edge Measurement CDD

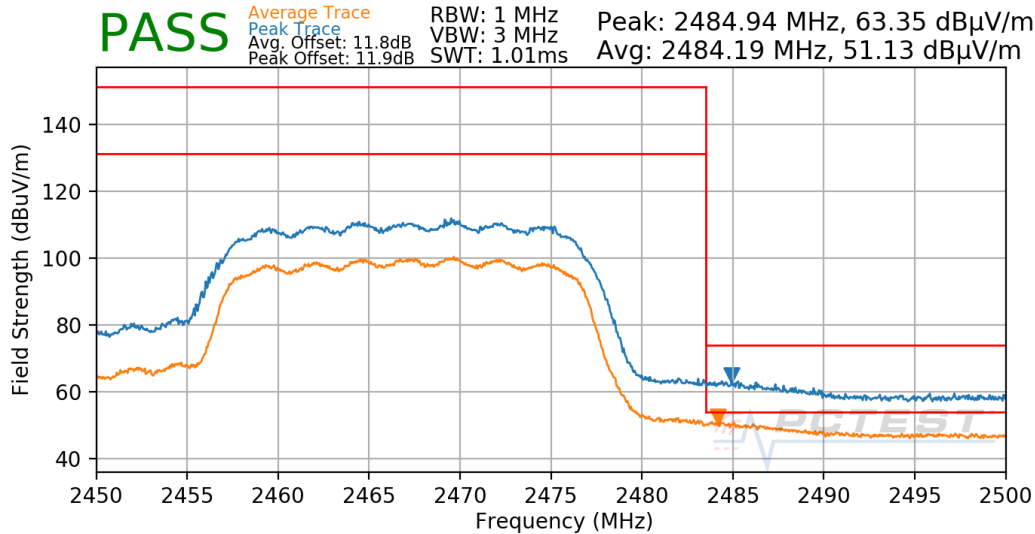
Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-494. Radiated Restricted Upper Band Edge Measurement CDD

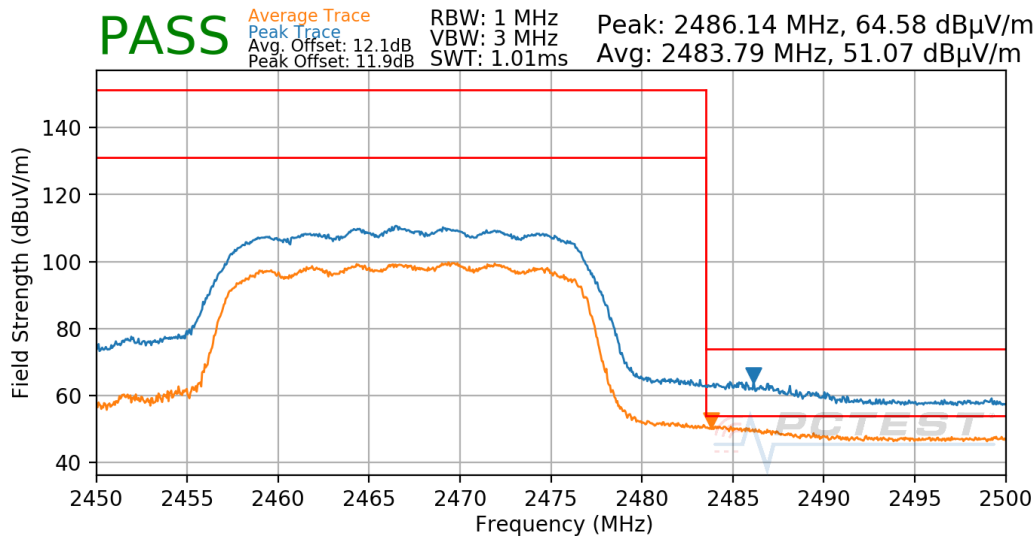
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 301 of 315

Mode: 802.11ax - SU
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-495. Radiated Restricted Upper Band Edge Measurement CDD

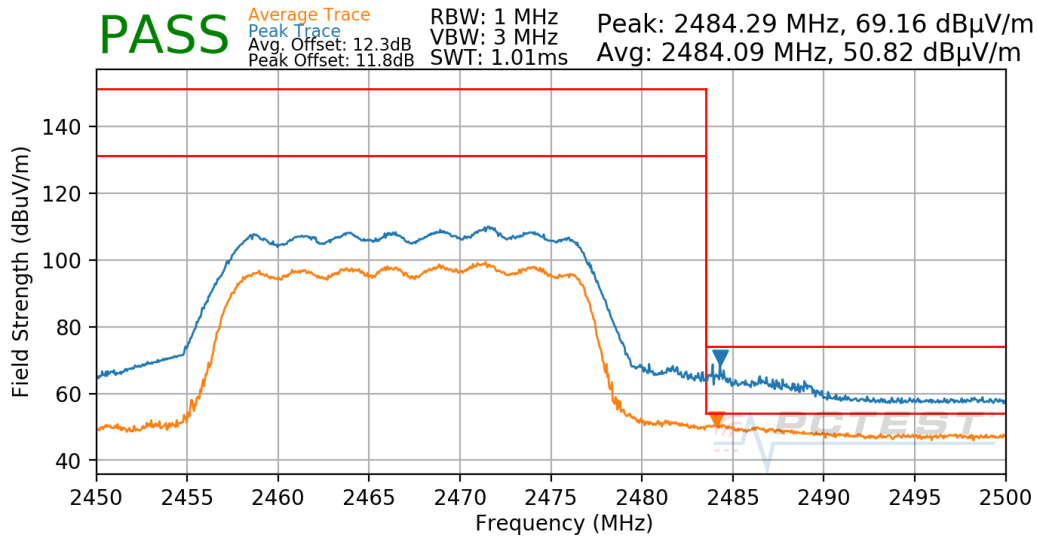
Mode: 802.11ax - SU
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-496. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 302 of 315

Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-497. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 303 of 315

7.8 Radiated Spurious Emissions – Below 1GHz

§15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-66 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-66. Radiated Limits

Test Procedures Used

ANSI C63.10-2013

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 304 of 315

Test Setup

The EUT and measurement equipment were set up as shown in the diagrams below.

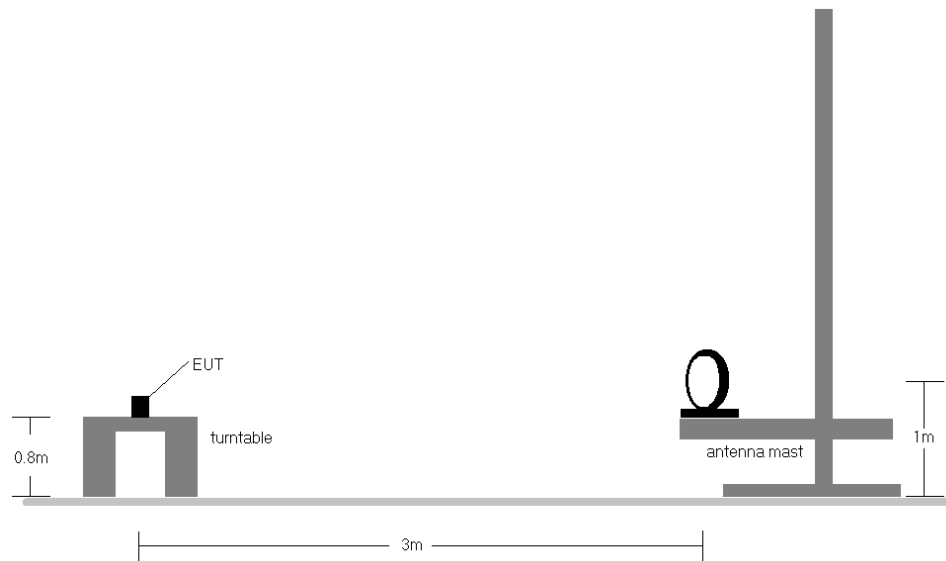


Figure 7-7. Radiated Test Setup < 30Mhz

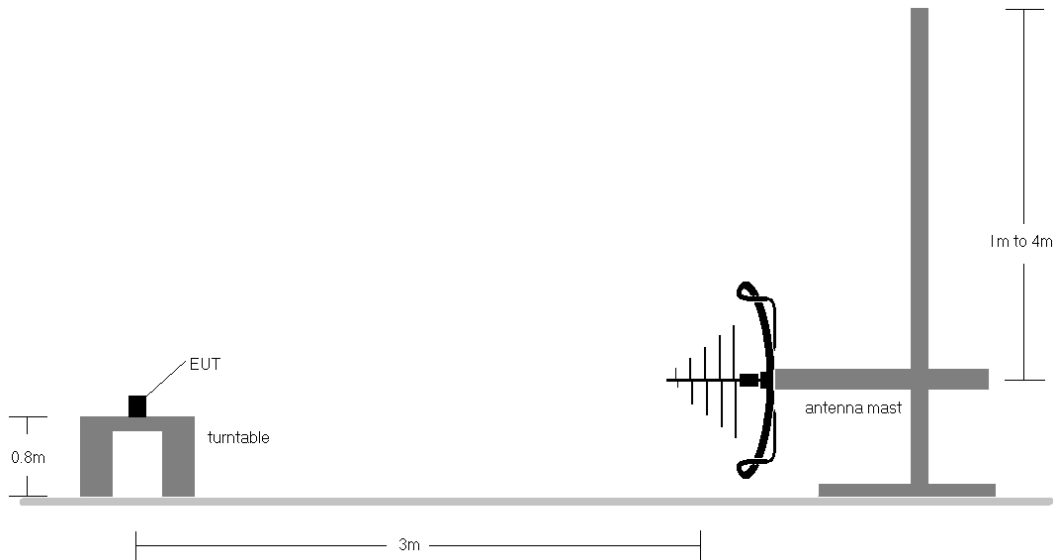


Figure 7-8. Radiated Test Setup < 1GHz

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 305 of 315

Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen(8.10) are below the limit shown in Table 7-66.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector for emissions within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - b. EUT powered by host PC via USB-C cable with wire charger
9. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
10. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. There were no emissions detected in the 30MHz – 1GHz frequency range, as shown in the subsequent plots.
11. The unit was tested with all possible modes and only the highest emission is reported.
12. All antenna configurations were investigated and only the worst case is reported.

Sample Calculations

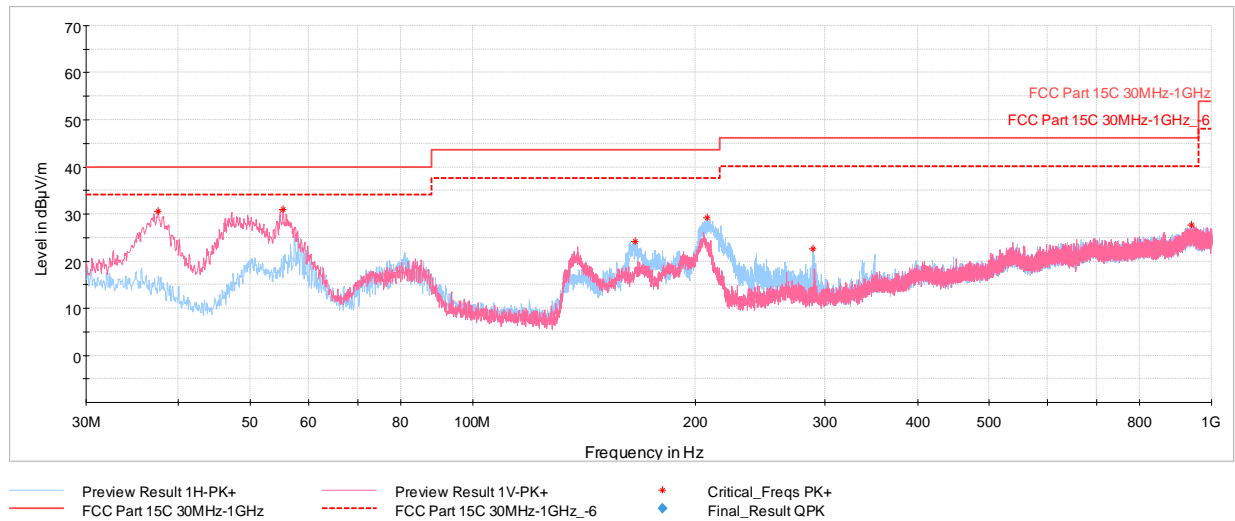
Determining Spurious Emissions Levels

- Field Strength Level $[\text{dB}\mu\text{V/m}] = \text{Analyzer Level} [\text{dBm}] + 107 + \text{AFCL} [\text{dB/m}]$
- $\text{AFCL} [\text{dB/m}] = \text{Antenna Factor} [\text{dB/m}] + \text{Cable Loss} [\text{dB}] - \text{Preamplifier Gain} [\text{dB}]$
- $\text{Margin} [\text{dB}] = \text{Field Strength Level} [\text{dB}\mu\text{V/m}] - \text{Limit} [\text{dB}\mu\text{V/m}]$

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device
Page 306 of 315		

CDD Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]

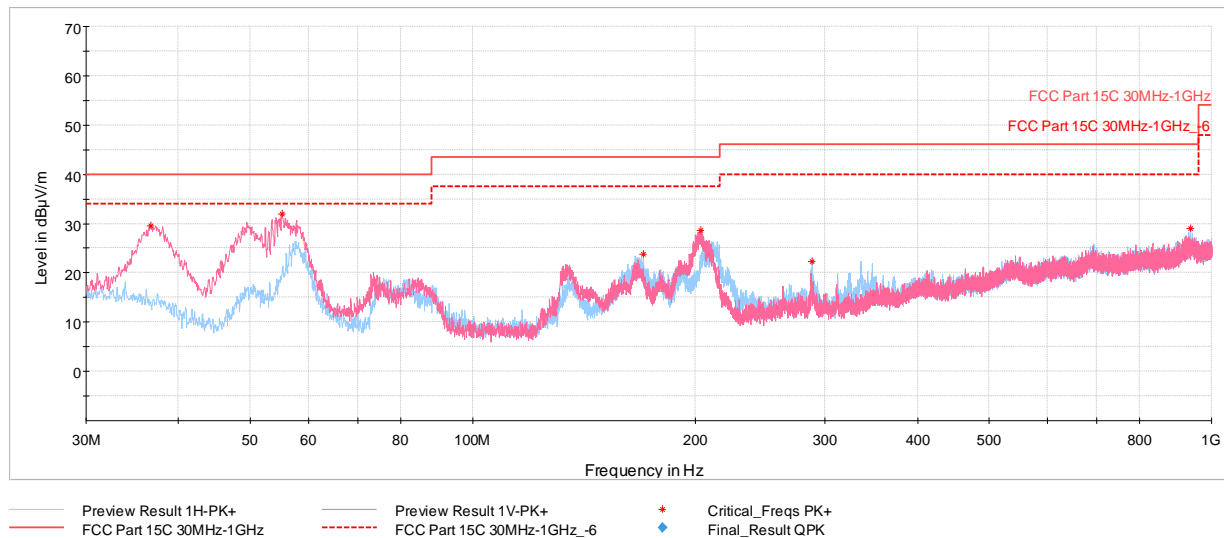


Plot 7-498. Radiated Spurious Emissions below 1GHz CDD 11n Ch.6, with AC/DC Adapter

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]
37.57	Max Peak	V	100	114	-60.66	-15.71	30.63	40.00	-9.37
55.41	Max Peak	V	100	0	-54.88	-21.09	31.03	40.00	-8.97
166.14	Max Peak	H	100	245	-65.23	-17.61	24.16	43.52	-19.36
207.51	Max Peak	H	100	256	-61.33	-16.48	29.19	43.52	-14.33
288.94	Max Peak	H	100	304	-69.46	-14.95	22.59	46.02	-23.43
939.57	Max Peak	H	250	219	-79.38	0.12	27.74	46.02	-18.28

Table 7-67. Radiated Spurious Emissions below 1GHz CDD 11n Ch.6, with AC/DC Adapter

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 307 of 315



Plot 7-499. Radiated Spurious Emissions below 1GHz CDD 11ax - SU Ch.6, with AC/DC Adapter

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]
36.74	Max Peak	V	100	29	-62.29	-15.25	29.46	40.00	-10.54
55.27	Max Peak	V	100	352	-53.98	-21.08	31.94	40.00	-8.06
170.46	Max Peak	H	100	82	-65.72	-17.43	23.85	43.52	-19.67
203.58	Max Peak	V	100	103	-61.53	-16.78	28.69	43.52	-14.83
288.31	Max Peak	H	100	82	-69.64	-15.01	22.35	46.02	-23.67
936.66	Max Peak	H	100	259	-78.14	0.05	28.91	46.02	-17.11

Table 7-68. Radiated Spurious Emissions below 1GHz CDD 11ax - SU Ch.6, with AC/DC Adapter

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 308 of 315

7.9 AC Line-Conducted Emissions Measurement

§15.207; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-69. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, Section 6.2

Test Settings

Quasi-Peak Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 309 of 315

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

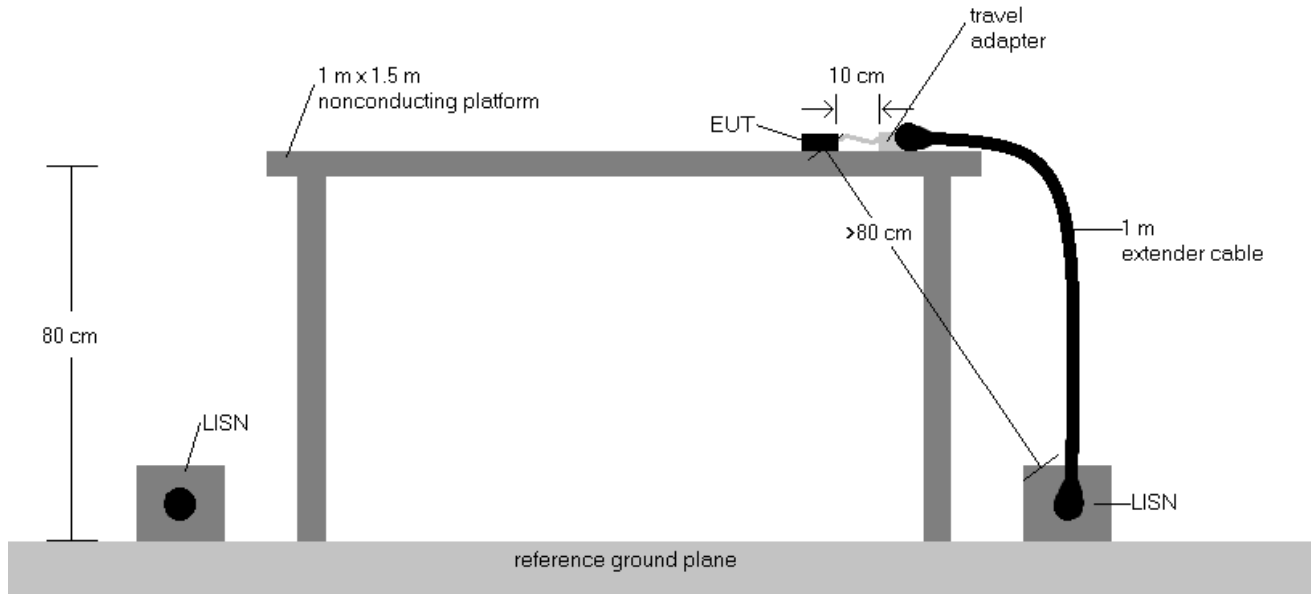
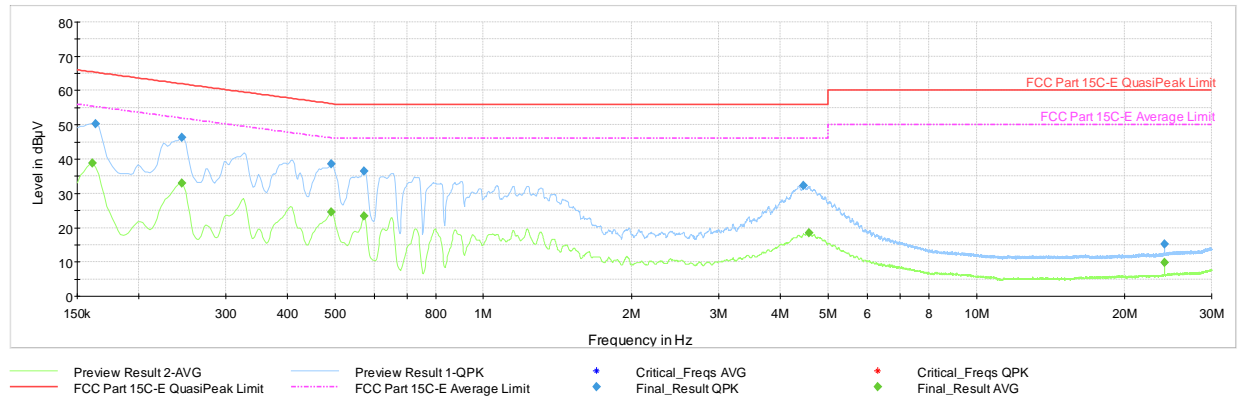


Figure 7-9. Test Instrument & Measurement Setup

Test Notes

- All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
- Both configurations below were investigated, and the worst case has been reported.
 - EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - EUT powered by host PC via USB-C cable with wire charger
- The limit for an intentional radiator from 150kHz to 30MHz are specified in Part 15.207 and RSS-Gen(8.8).
- $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
- $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
- $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
- Traces shown in plot are made using quasi peak and average detectors.
- Deviations to the Specifications: None.
- The unit was tested with all possible modes and only the highest emission is reported.

FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 310 of 315

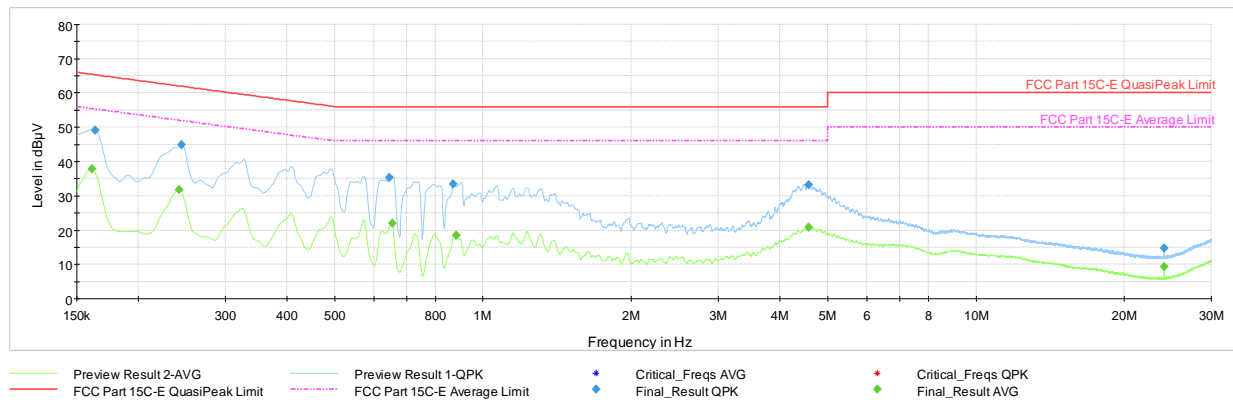


Plot 7-500. AC Line Conducted Plot with CDD 11n Ch.6 (L1, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.161	FINAL	—	38.87	55.40	-16.53	L1	GND
0.164	FINAL	50.4	—	65.28	-14.88	L1	GND
0.245	FINAL	46.3	—	61.94	-15.62	L1	GND
0.245	FINAL	—	33.07	51.94	-18.87	L1	GND
0.492	FINAL	38.7	—	56.13	-17.42	L1	GND
0.492	FINAL	—	24.63	46.13	-21.50	L1	GND
0.573	FINAL	—	23.47	46.00	-22.53	L1	GND
0.573	FINAL	36.4	—	56.00	-19.62	L1	GND
4.466	FINAL	32.4	—	56.00	-23.63	L1	GND
4.569	FINAL	—	18.38	46.00	-27.62	L1	GND
24.063	FINAL	15.2	—	60.00	-44.82	L1	GND
24.063	FINAL	—	9.87	50.00	-40.13	L1	GND

Table 7-70. AC Line Conducted Data with CDD 11n Ch.6 (L1, with AC/DC Adapter)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 311 of 315

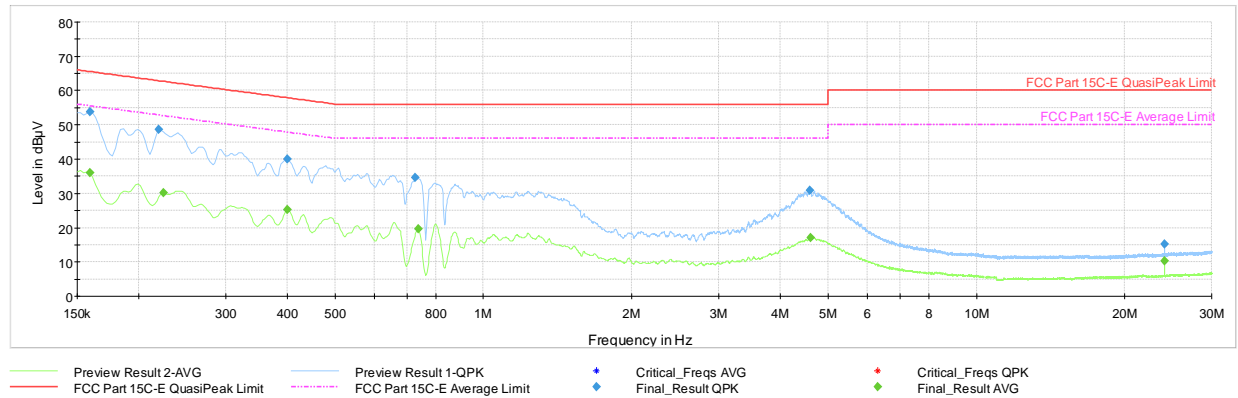


Plot 7-501. AC Line Conducted Plot with CDD 11n Ch.6 (N, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.161	FINAL	—	37.94	55.40	-17.46	N	GND
0.164	FINAL	49.2	—	65.28	-16.14	N	GND
0.242	FINAL	—	31.84	52.02	-20.18	N	GND
0.245	FINAL	44.8	—	61.94	-17.13	N	GND
0.645	FINAL	35.2	—	56.00	-20.76	N	GND
0.654	FINAL	—	21.94	46.00	-24.06	N	GND
0.870	FINAL	33.4	—	56.00	-22.63	N	GND
0.881	FINAL	—	18.45	46.00	-27.55	N	GND
4.580	FINAL	33.3	—	56.00	-22.69	N	GND
4.583	FINAL	—	20.72	46.00	-25.28	N	GND
24.063	FINAL	—	9.46	50.00	-40.54	N	GND
24.063	FINAL	14.8	—	60.00	-45.16	N	GND

Table 7-71. AC Line Conducted Data with CDD 11n Ch.6 (N, with AC/DC Adapter)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 312 of 315

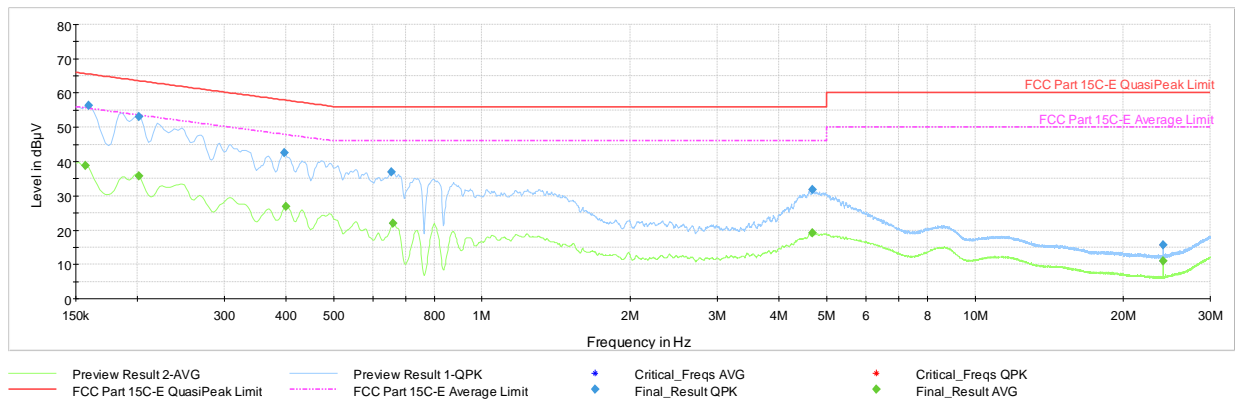


Plot 7-502. AC Line Conducted Plot with CDD 11ax - SU Ch.6 (L1, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.157	FINAL	—	38.92	55.63	-16.72	L1	GND
0.159	FINAL	56.5	—	65.52	-9.06	L1	GND
0.202	FINAL	53.2	—	63.54	-10.34	L1	GND
0.202	FINAL	—	35.90	53.54	-17.64	L1	GND
0.398	FINAL	42.6	—	57.91	-15.31	L1	GND
0.400	FINAL	—	26.99	47.86	-20.87	L1	GND
0.654	FINAL	36.9	—	56.00	-19.11	L1	GND
0.661	FINAL	—	22.00	46.00	-24.00	L1	GND
4.677	FINAL	31.7	—	56.00	-24.28	L1	GND
4.679	FINAL	—	19.17	46.00	-26.83	L1	GND
24.063	FINAL	15.8	—	60.00	-44.23	L1	GND
24.063	FINAL	—	10.98	50.00	-39.02	L1	GND

Table 7-72. AC Line Conducted Data with CDD 11ax - SU Ch.6 (L1, with AC/DC Adapter)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 313 of 315



Plot 7-503. AC Line Conducted Plot with CDD 11ax - SU Ch.6 (N, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.159	FINAL	53.8	—	65.52	-11.72	N	GND
0.159	FINAL	—	36.00	55.52	-19.51	N	GND
0.220	FINAL	48.5	—	62.83	-14.29	N	GND
0.224	FINAL	—	30.21	52.66	-22.45	N	GND
0.400	FINAL	40.1	—	57.86	-17.77	N	GND
0.400	FINAL	—	25.22	47.86	-22.64	N	GND
0.728	FINAL	34.6	—	56.00	-21.42	N	GND
0.737	FINAL	—	19.55	46.00	-26.45	N	GND
4.596	FINAL	30.9	—	56.00	-25.08	N	GND
4.603	FINAL	—	17.15	46.00	-28.85	N	GND
24.063	FINAL	15.3	—	60.00	-44.75	N	GND
24.063	FINAL	—	10.30	50.00	-39.70	N	GND

Table 7-73. AC Line Conducted Data with CDD 11ax - SU Ch.6 (N, with AC/DC Adapter)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 314 of 315

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2379, IC: 579C-A2379** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST [®] Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-09-R1.BCG	Test Dates: 12/15/2020 - 2/20/2021	EUT Type: Tablet Device	Page 315 of 315