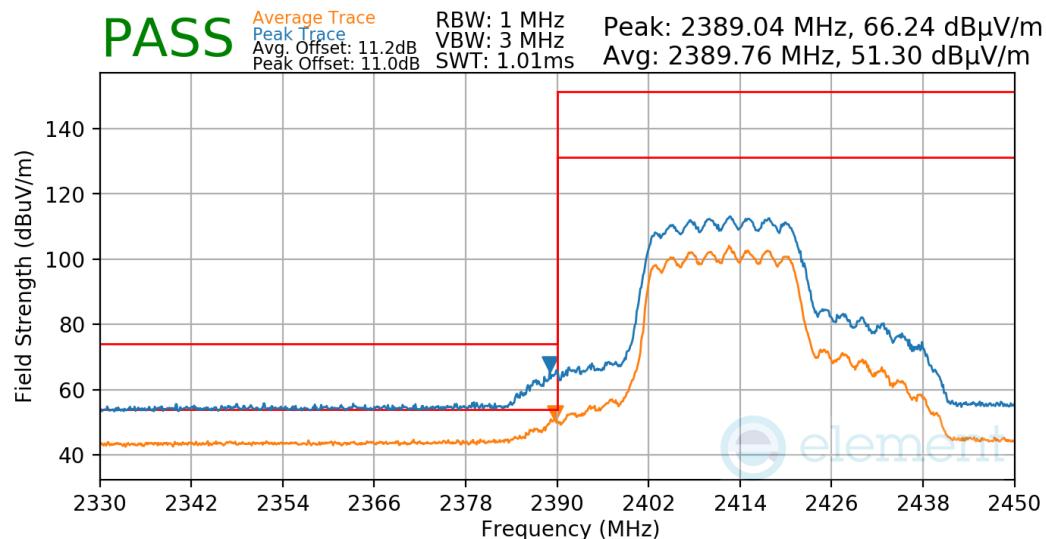
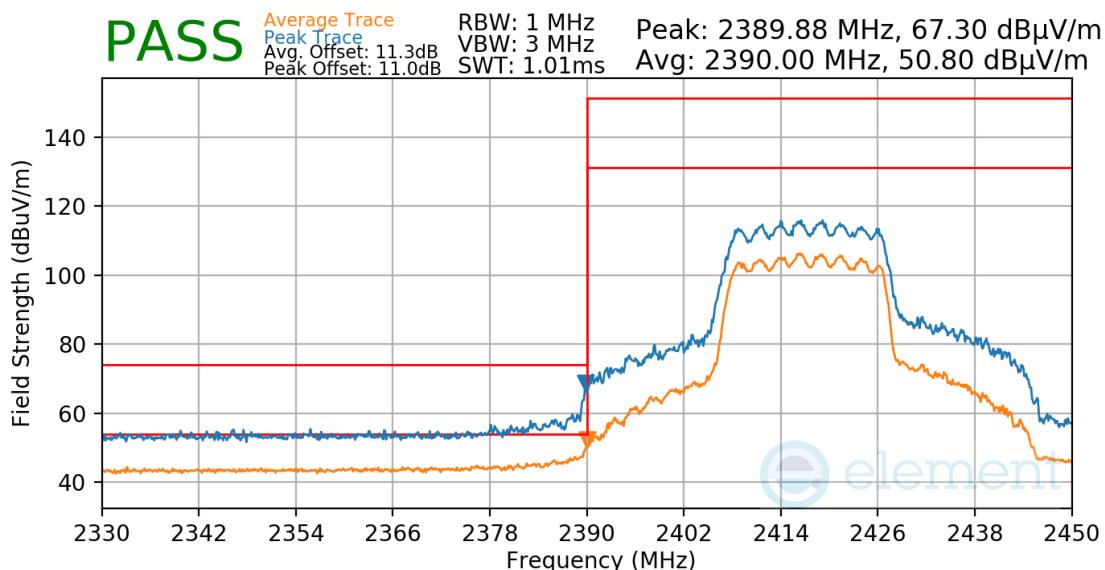


Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 1



Plot 7-691. Radiated Restricted Lower Band Edge Measurement CDD

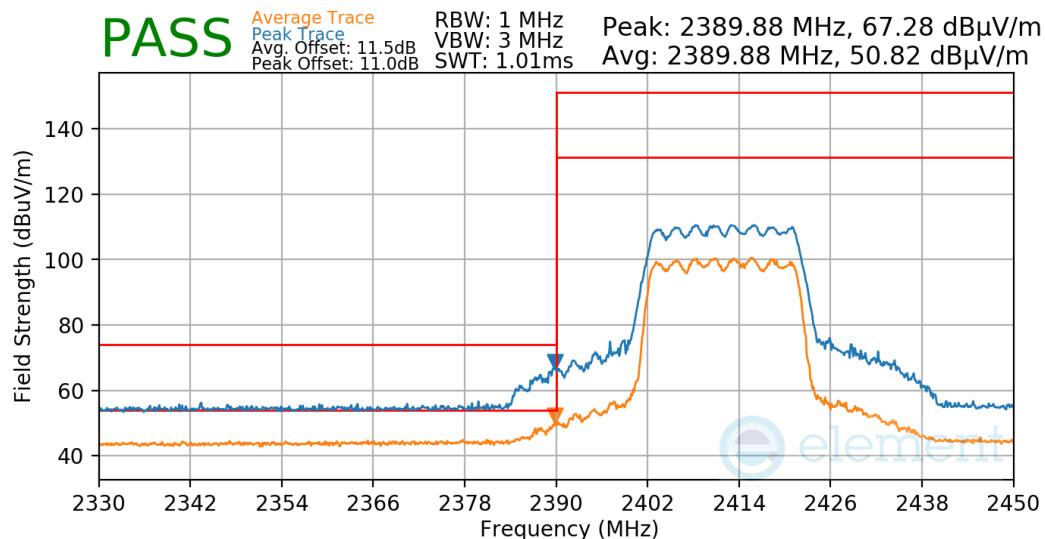
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 1



Plot 7-692. Radiated Restricted Lower Band Edge Measurement CDD

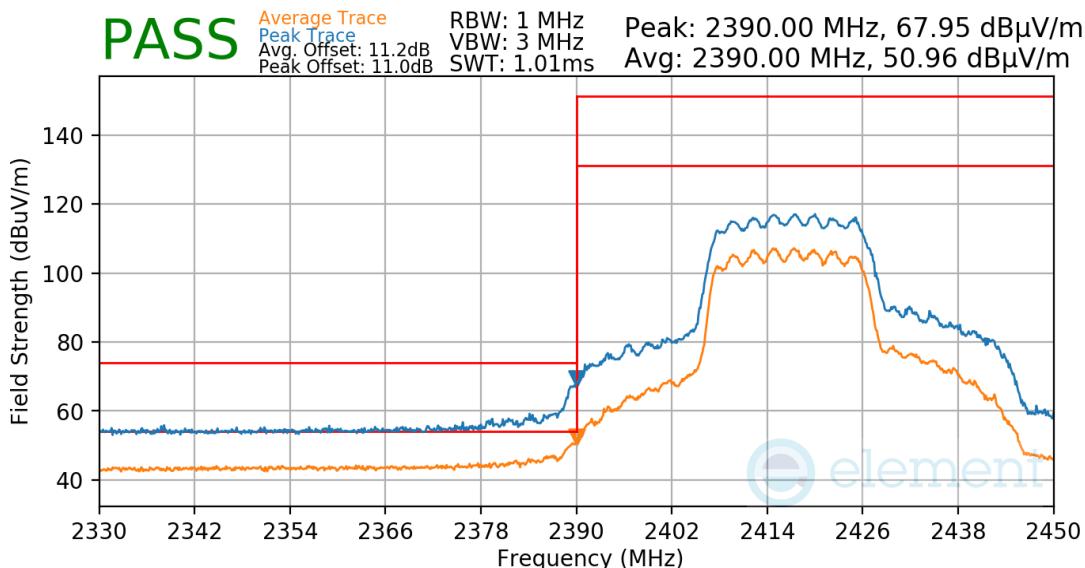
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 410 of 441 V 10.5 12/15/2021

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



Plot 7-693. Radiated Restricted Lower Band Edge Measurement CDD

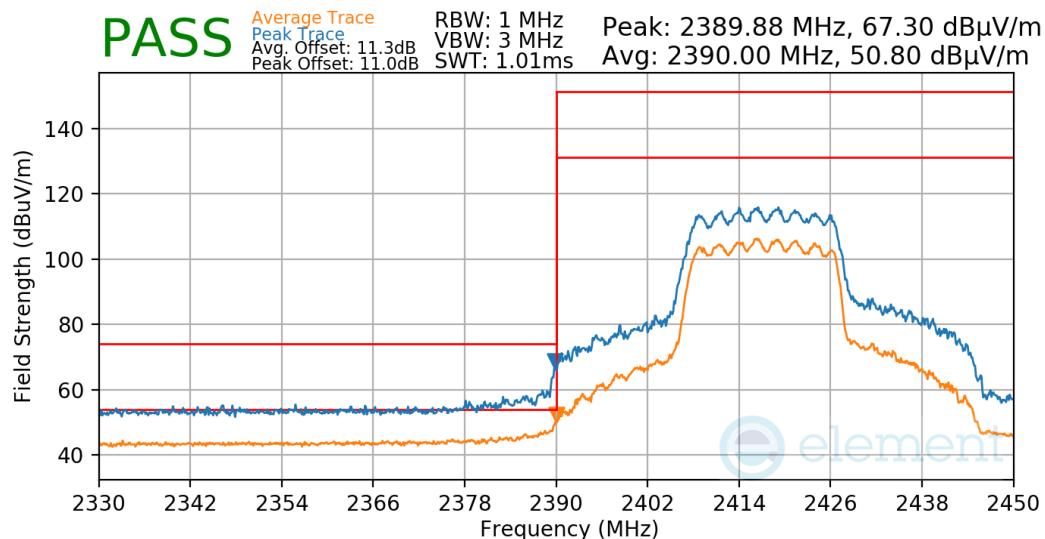
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2417MHz
 Channel: 2



Plot 7-694. Radiated Restricted Lower Band Edge Measurement CDD

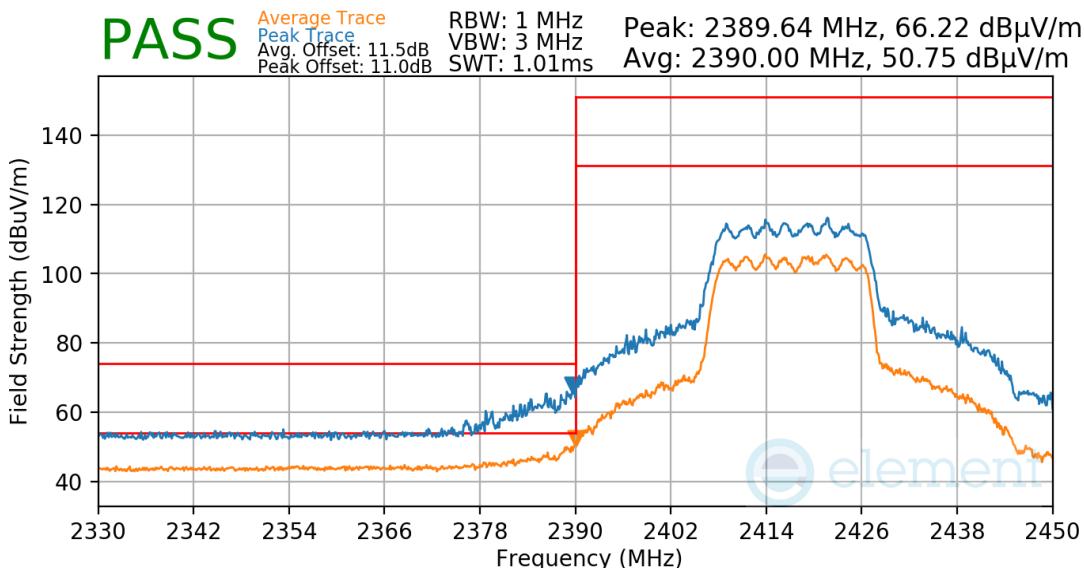
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 411 of 441

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



Plot 7-695. Radiated Restricted Lower Band Edge Measurement CDD

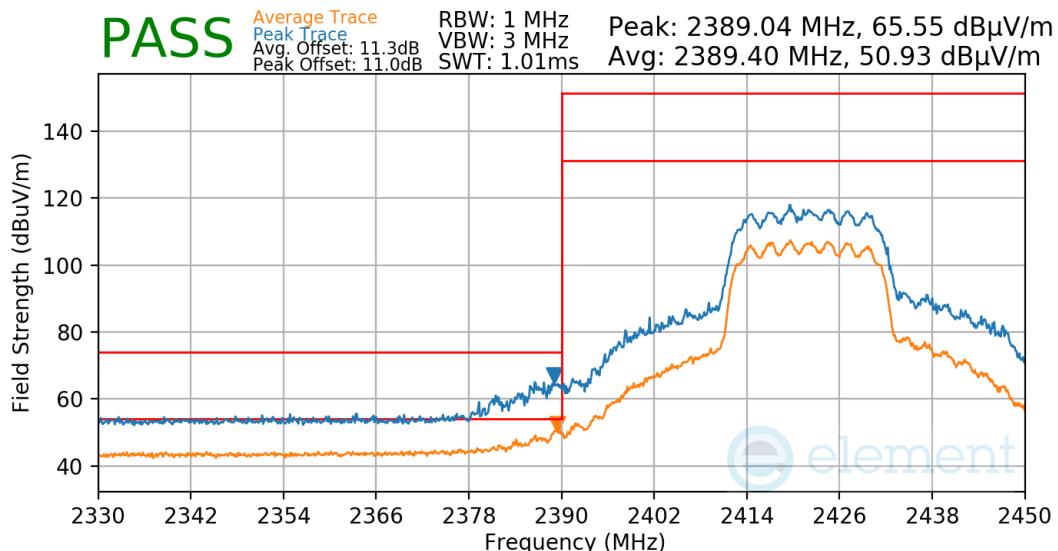
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2417MHz
 Channel: 2



Plot 7-696. Radiated Restricted Lower Band Edge Measurement CDD

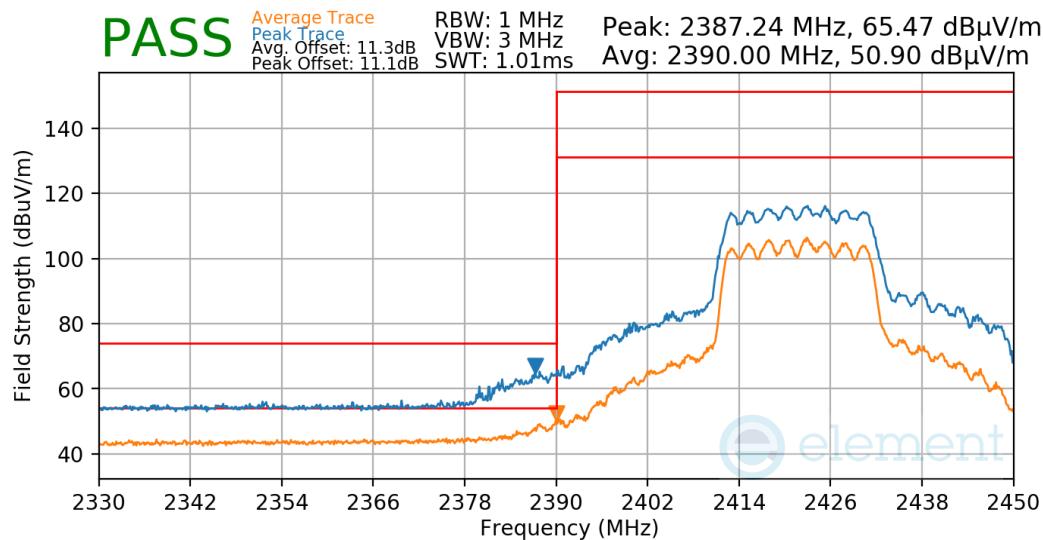
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 412 of 441 V 10.5 12/15/2021

Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2422MHz
 Channel: 3



Plot 7-697. Radiated Restricted Lower Band Edge Measurement CDD

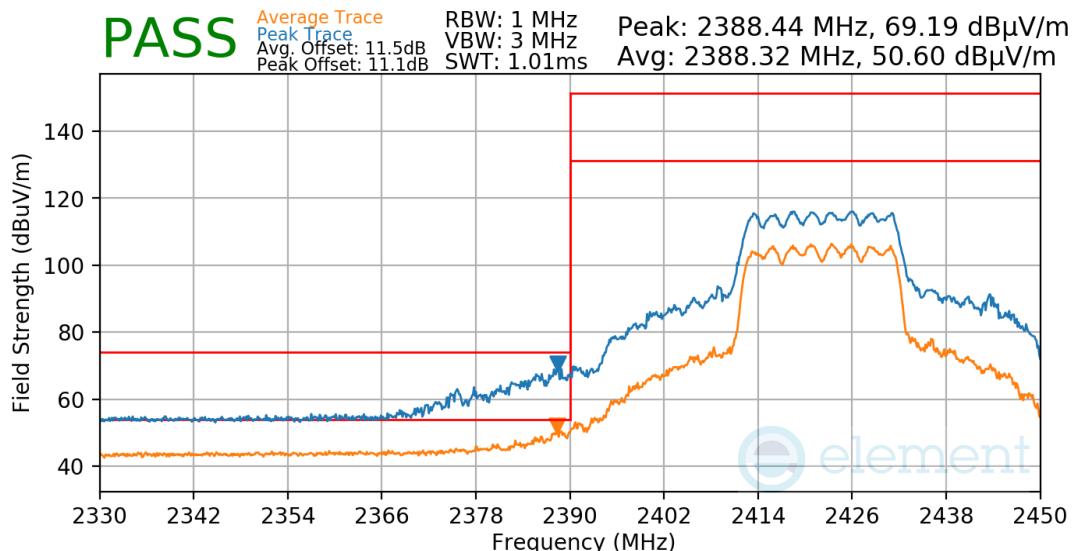
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2422MHz
 Channel: 3



Plot 7-698. Radiated Restricted Lower Band Edge Measurement CDD

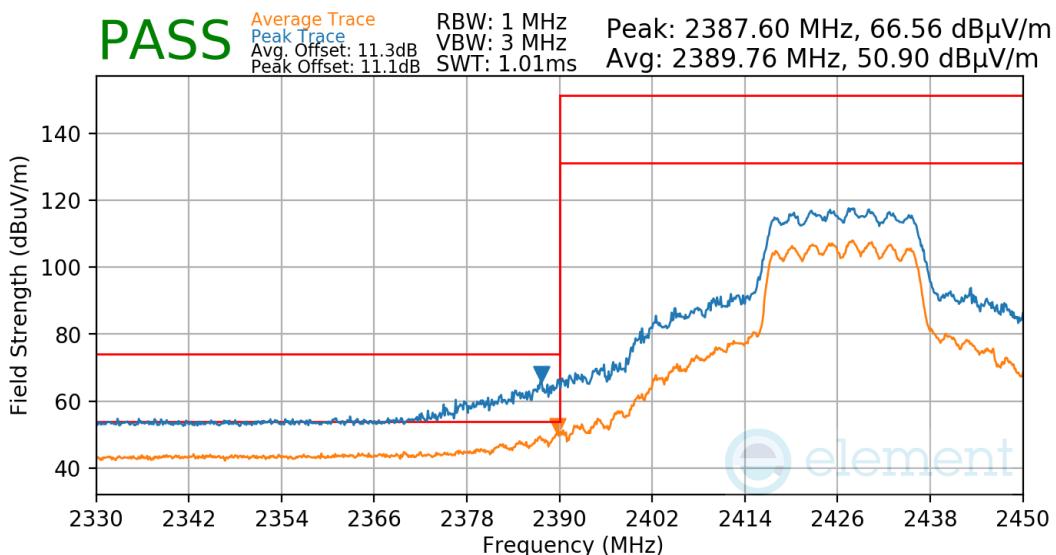
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 413 of 441 V 10.5 12/15/2021

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



Plot 7-699. Radiated Restricted Lower Band Edge Measurement CDD

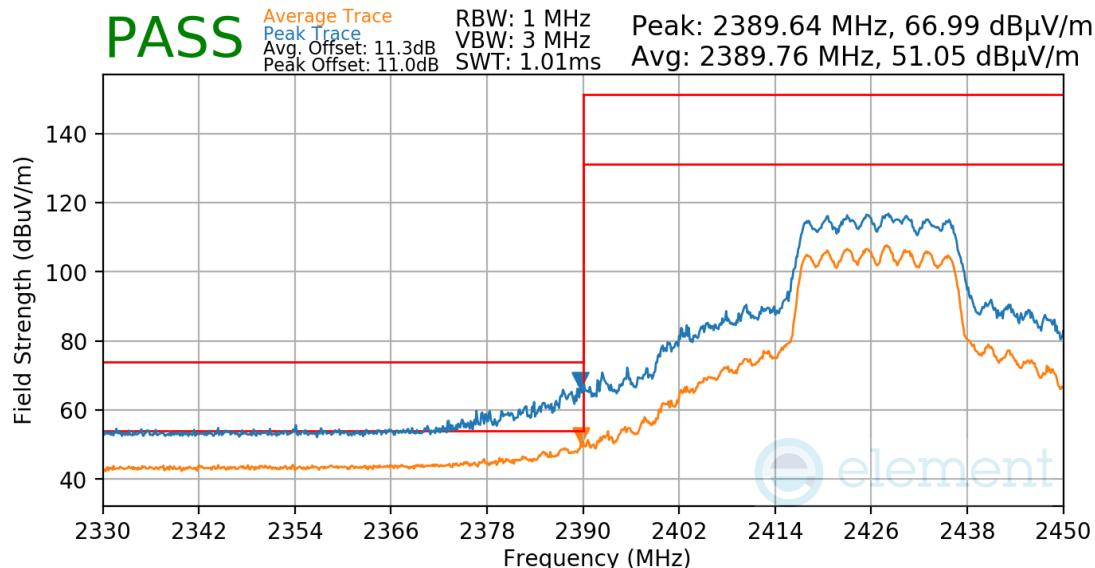
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2427MHz
 Channel: 4



Plot 7-700. Radiated Restricted Lower Band Edge Measurement CDD

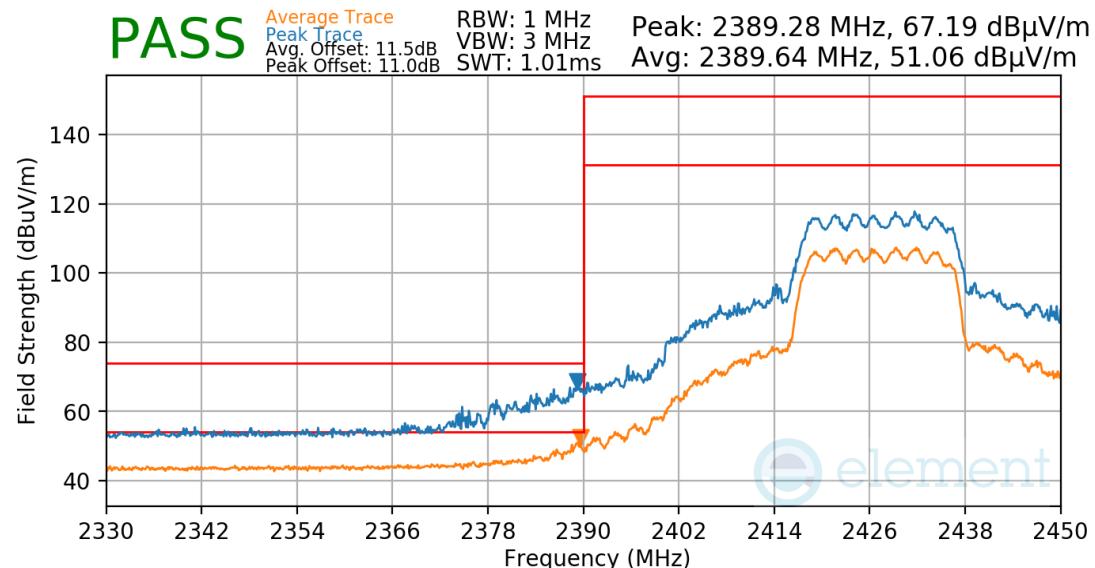
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 414 of 441

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



Plot 7-701. Radiated Restricted Lower Band Edge Measurement CDD

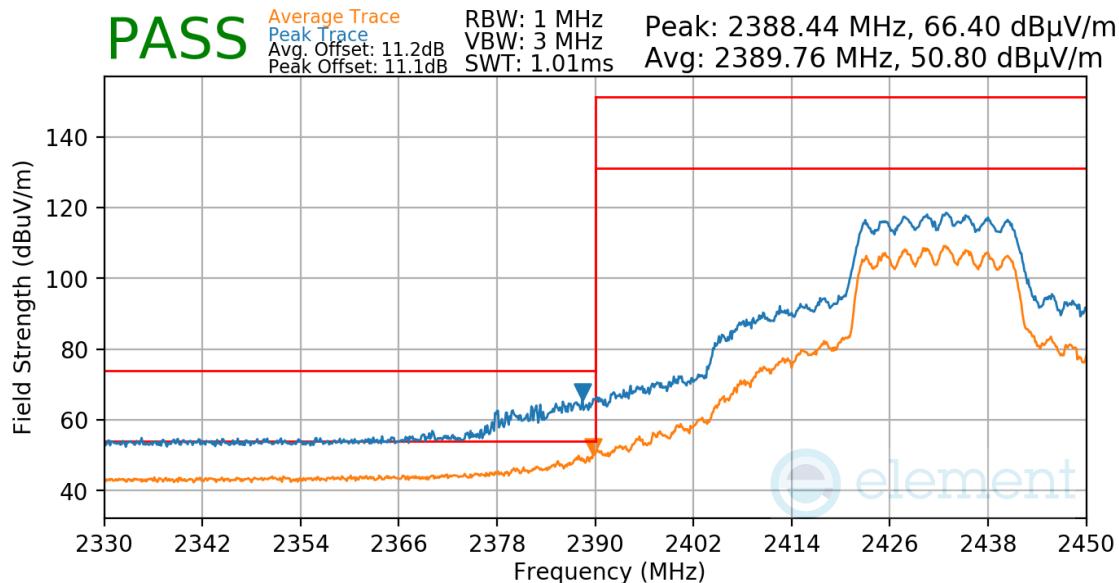
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2427MHz
 Channel: 4



Plot 7-702. Radiated Restricted Lower Band Edge Measurement CDD

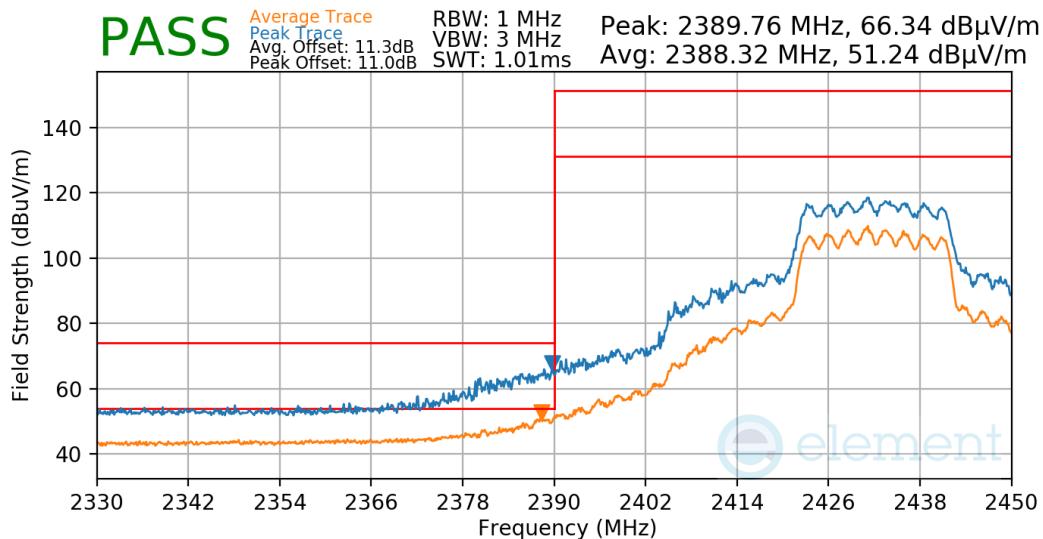
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 415 of 441

Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2432MHz
 Channel: 5



Plot 7-703. Radiated Restricted Lower Band Edge Measurement CDD

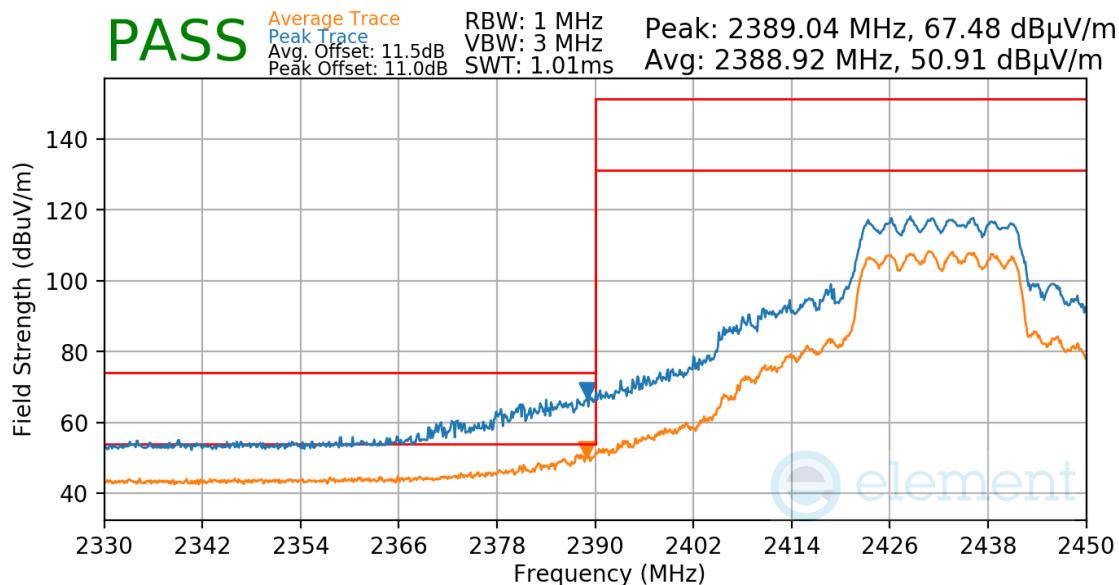
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2432MHz
 Channel: 5



Plot 7-704. Radiated Restricted Lower Band Edge Measurement CDD

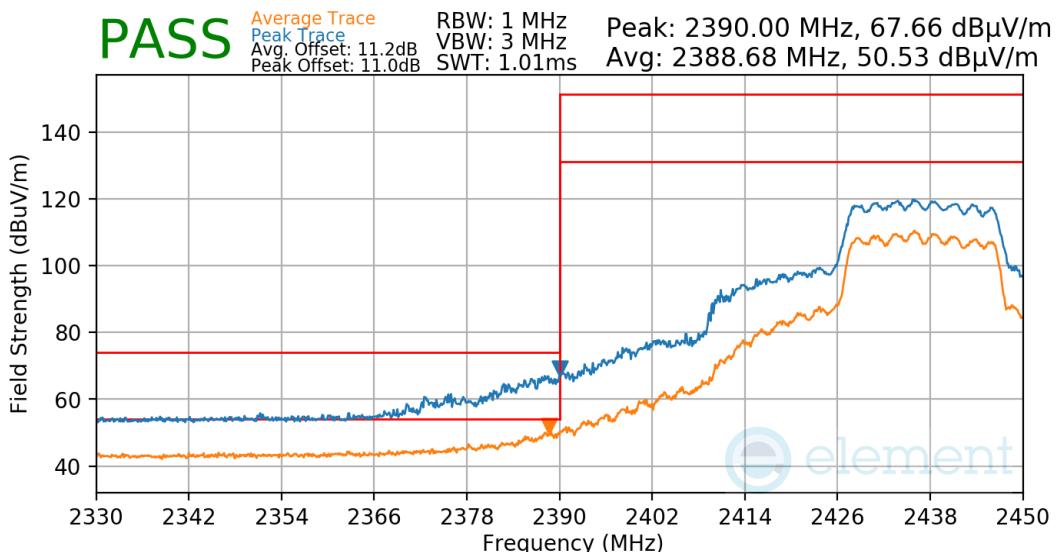
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 416 of 441 V 10.5 12/15/2021

Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2432MHz
 Channel: 5



Plot 7-705. Radiated Restricted Lower Band Edge Measurement CDD

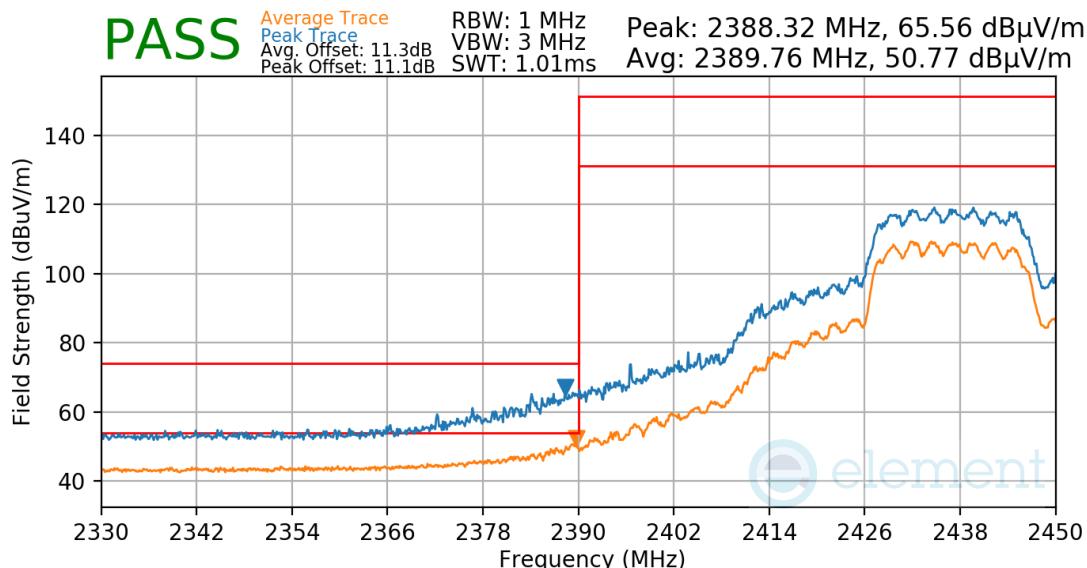
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6 (low)



Plot 7-706. Radiated Restricted Lower Band Edge Measurement CDD

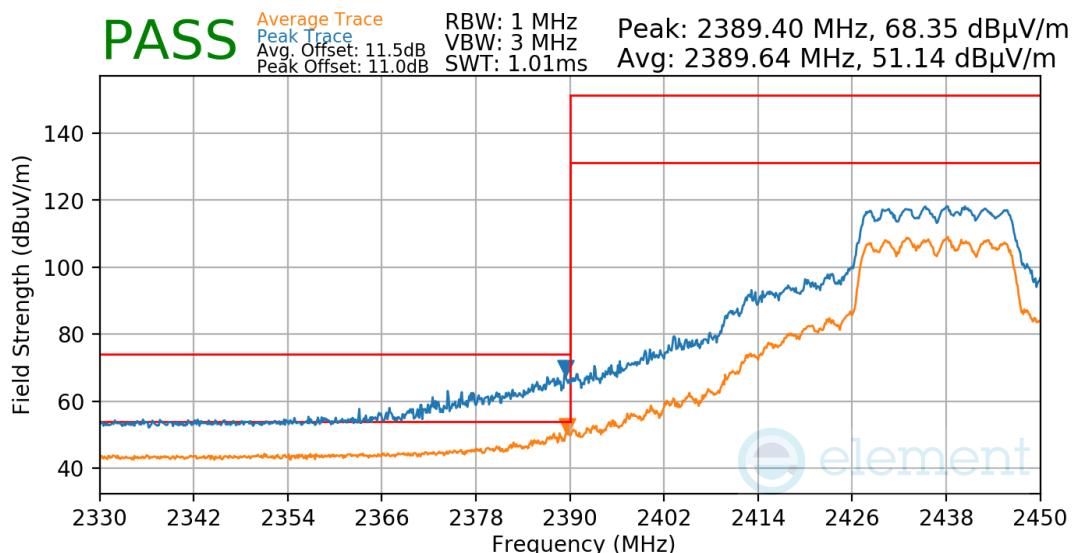
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 417 of 441

Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6 (low)



Plot 7-707. Radiated Restricted Lower Band Edge Measurement CDD

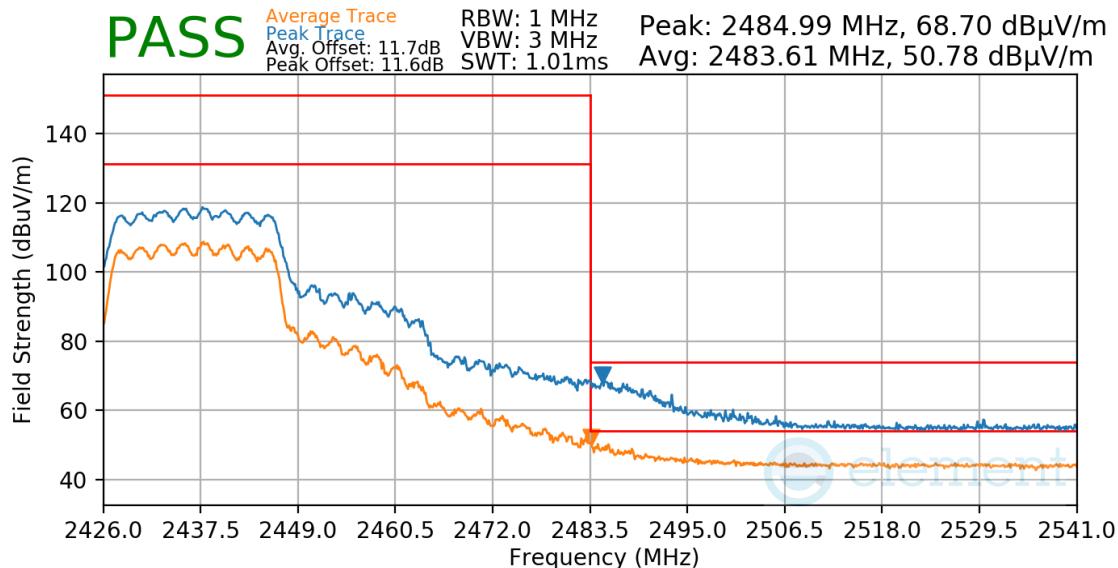
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6 (low)



Plot 7-708. Radiated Restricted Lower Band Edge Measurement CDD

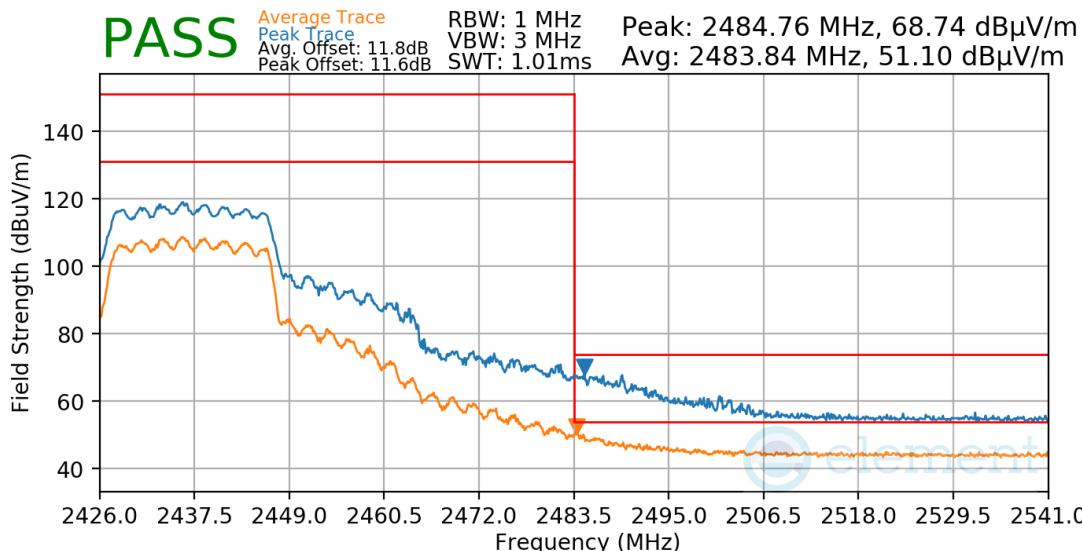
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 418 of 441

Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6 (high)



Plot 7-709. Radiated Restricted Upper Band Edge Measurement CDD

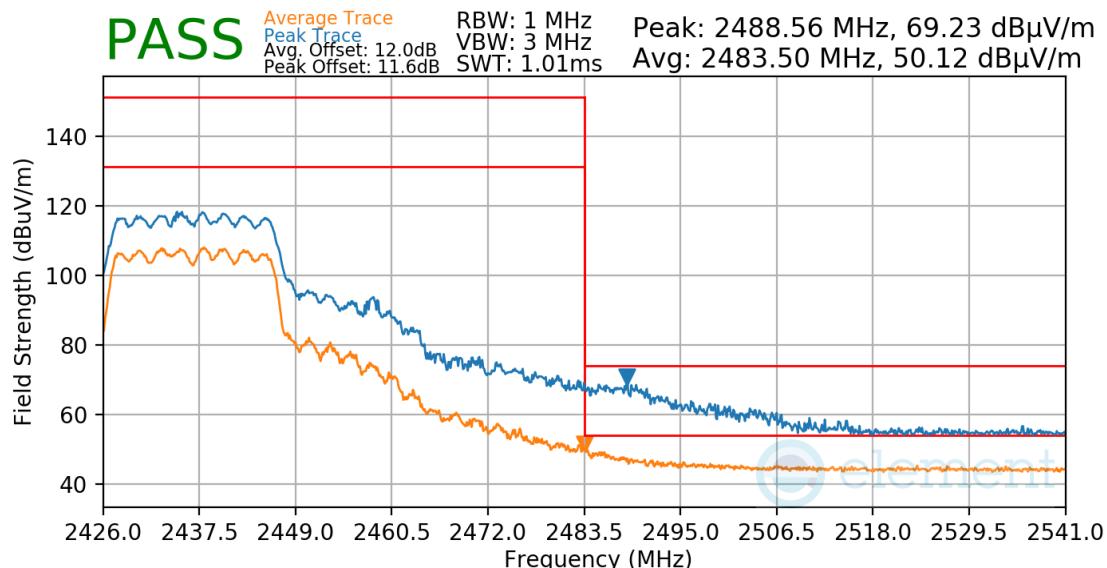
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6 (high)



Plot 7-710. Radiated Restricted Upper Band Edge Measurement CDD

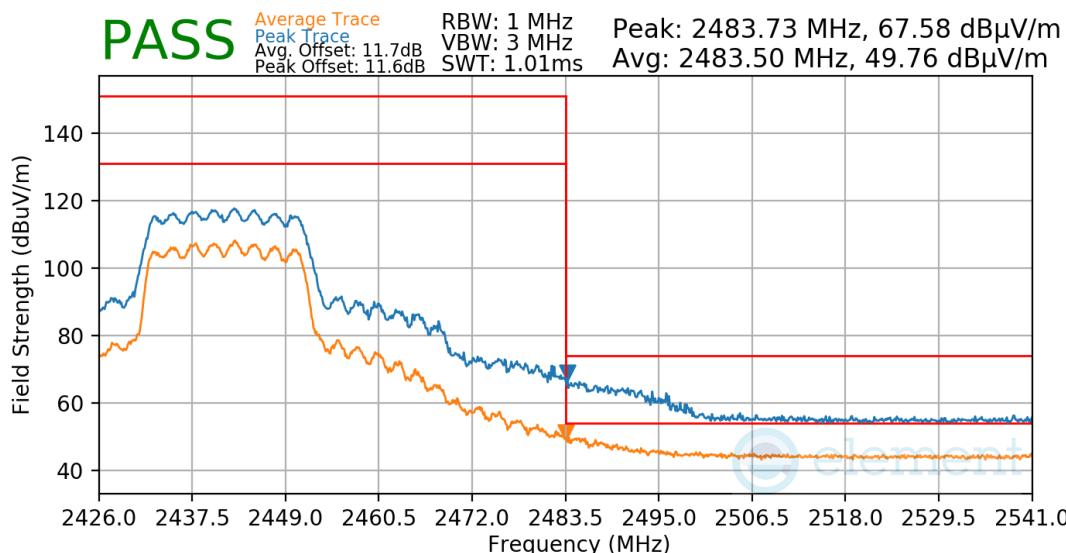
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 419 of 441

Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6 (high)



Plot 7-711. Radiated Restricted Upper Band Edge Measurement CDD

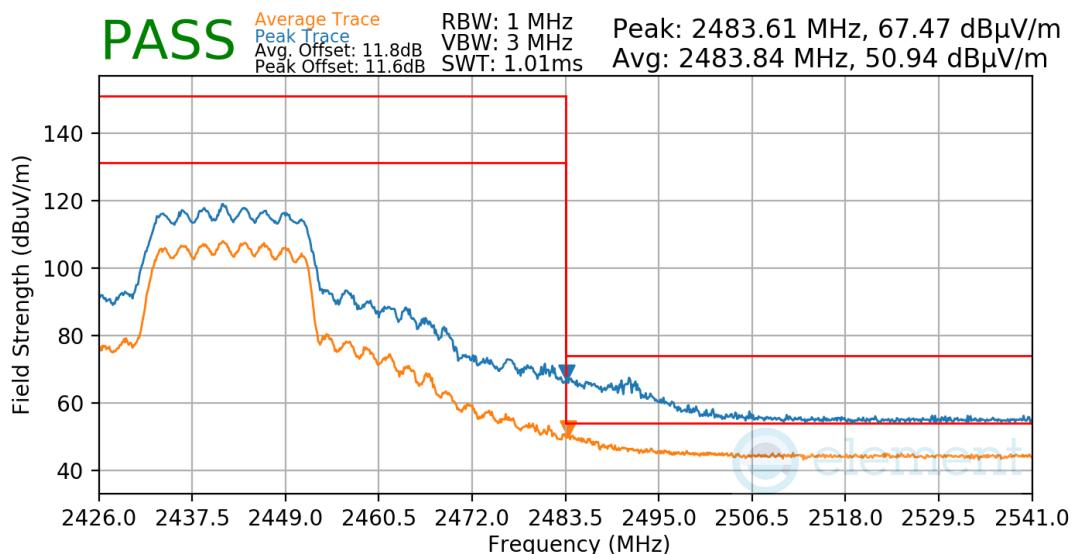
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7



Plot 7-712. Radiated Restricted Upper Band Edge Measurement CDD

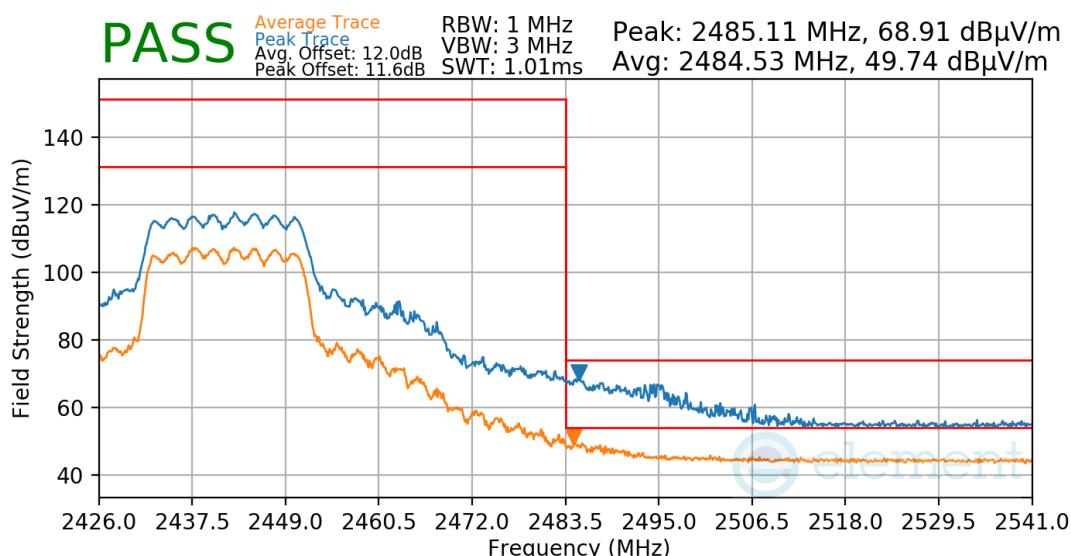
FCC ID: BCGA2759 IC: 579C-A2759		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 420 of 441

Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7



Plot 7-713. Radiated Restricted Upper Band Edge Measurement CDD

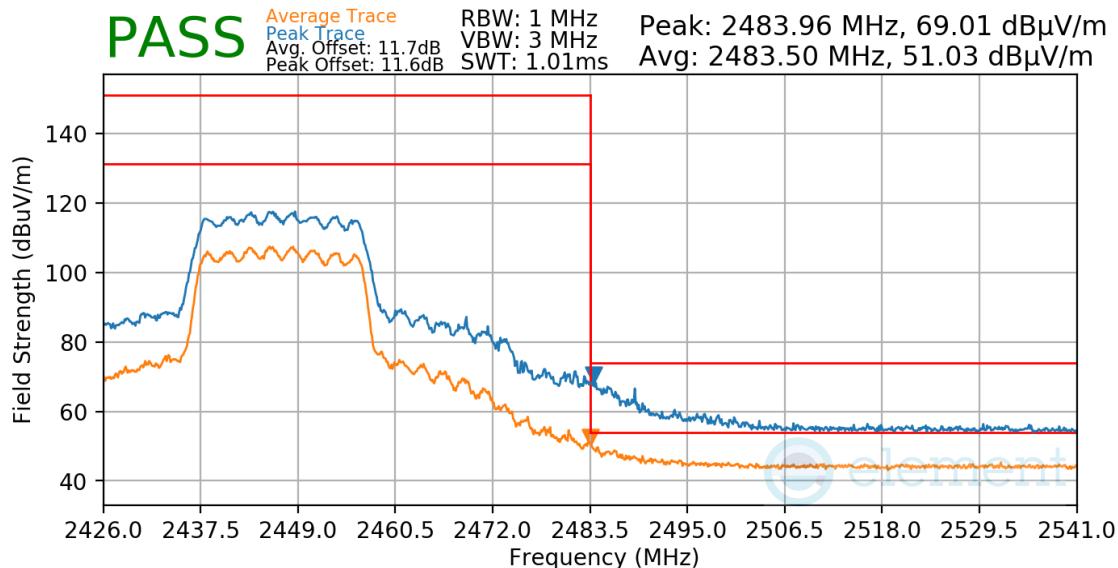
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7



Plot 7-714. Radiated Restricted Upper Band Edge Measurement CDD

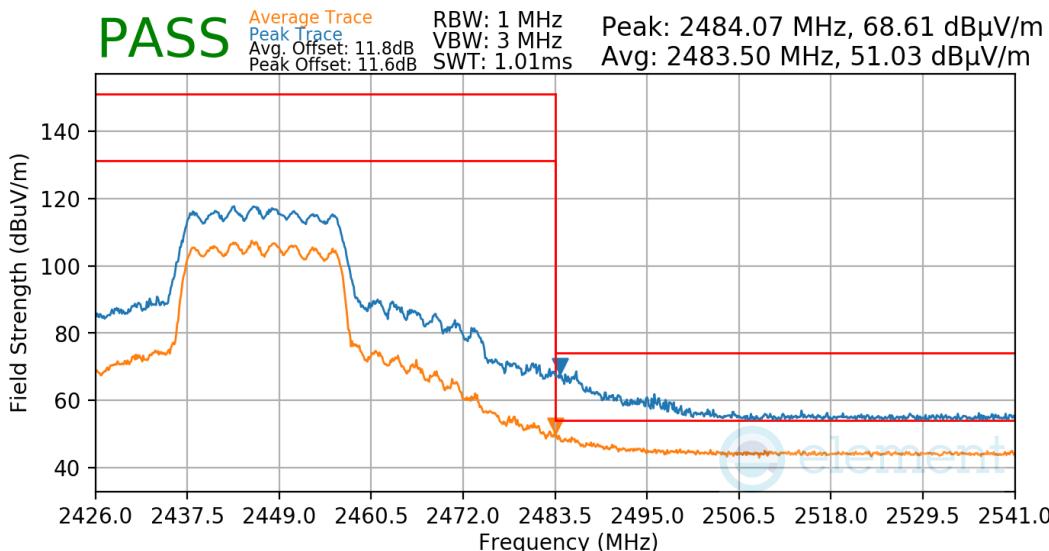
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 421 of 441

Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2447MHz
 Channel: 8



Plot 7-715. Radiated Restricted Upper Band Edge Measurement CDD

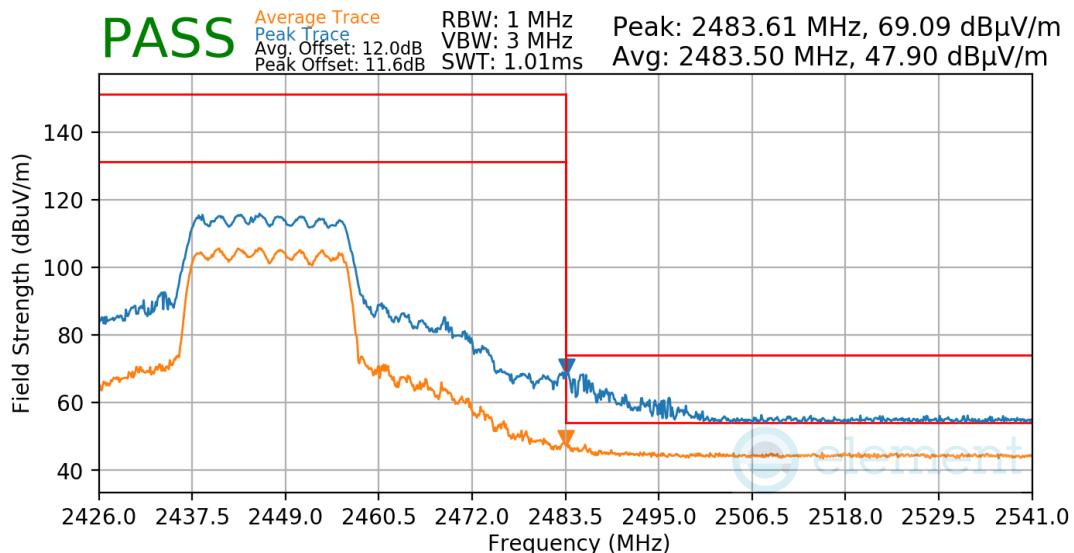
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2447MHz
 Channel: 8



Plot 7-716. Radiated Restricted Upper Band Edge Measurement CDD

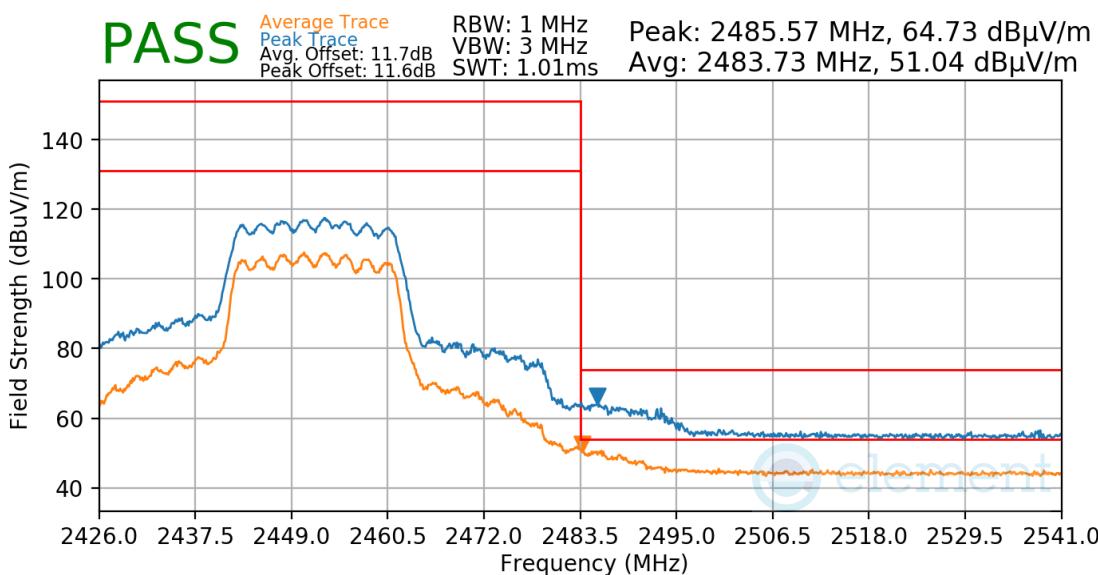
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 422 of 441

Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2447MHz
 Channel: 8



Plot 7-717. Radiated Restricted Upper Band Edge Measurement CDD

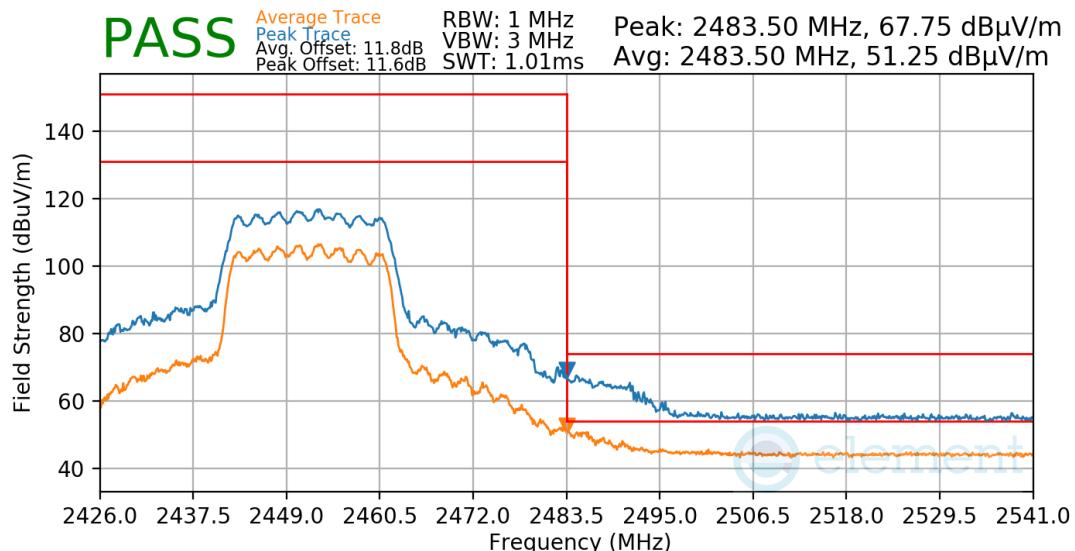
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2452MHz
 Channel: 9



Plot 7-718. Radiated Restricted Upper Band Edge Measurement CDD

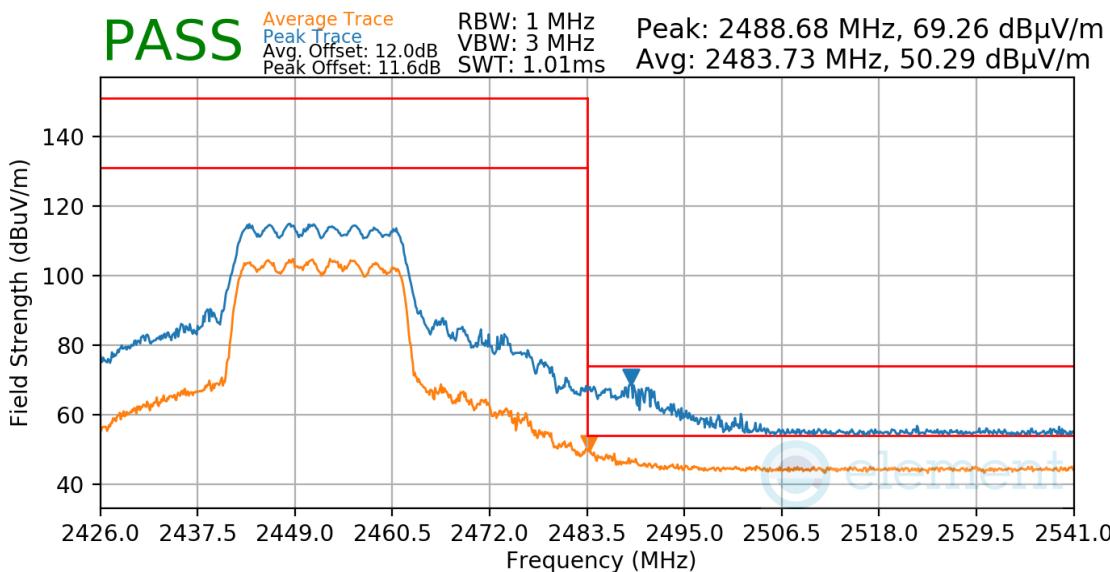
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 423 of 441

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



Plot 7-719. Radiated Restricted Upper Band Edge Measurement CDD

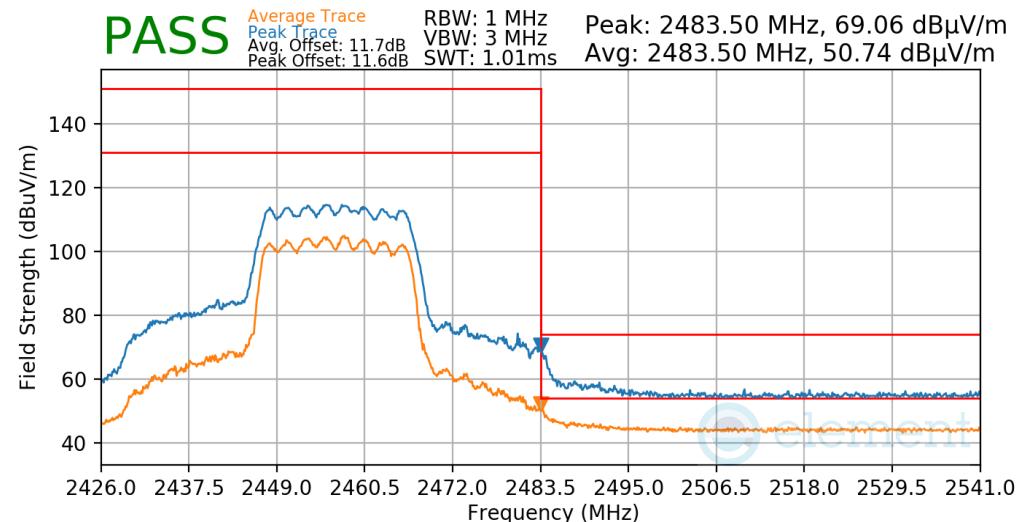
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2452MHz
 Channel: 9



Plot 7-720. Radiated Restricted Upper Band Edge Measurement CDD

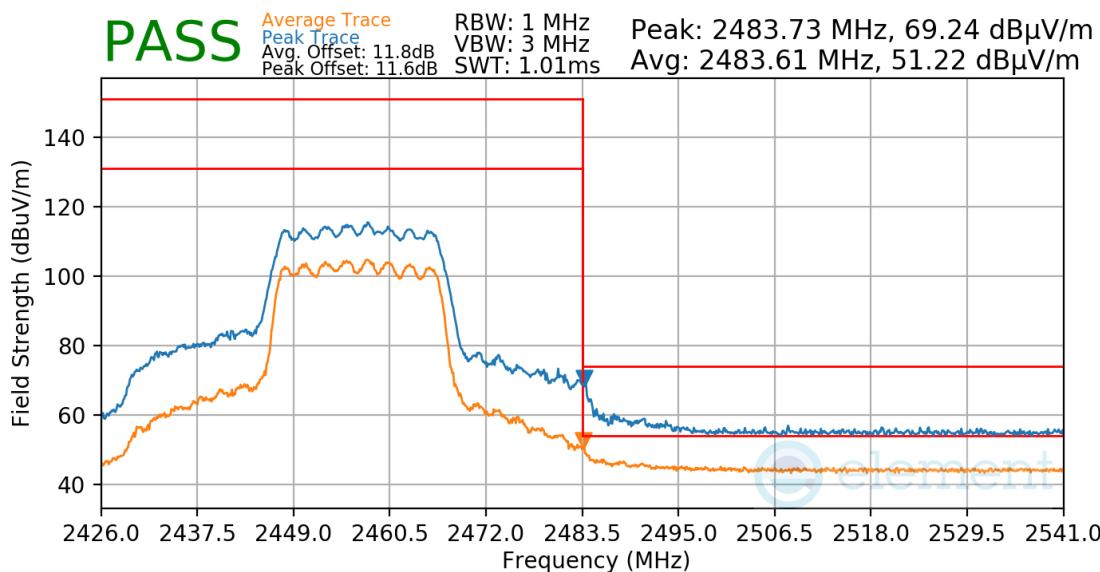
FCC ID: BCGA2759 IC: 579C-A2759		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 424 of 441 V 10.5 12/15/2021

Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2457MHz
 Channel: 10



Plot 7-721. Radiated Restricted Upper Band Edge Measurement CDD

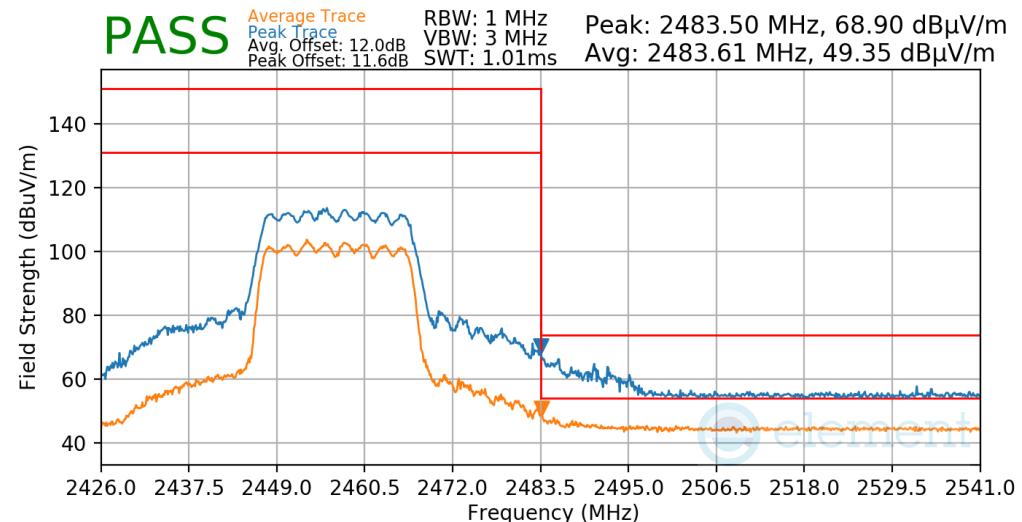
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2457MHz
 Channel: 10



Plot 7-722. Radiated Restricted Upper Band Edge Measurement CDD

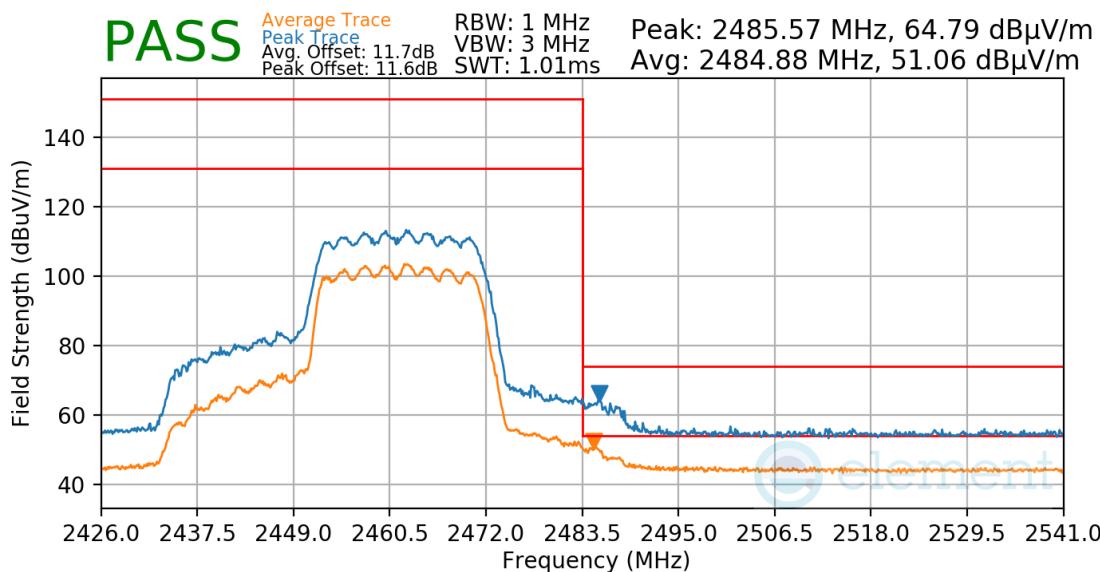
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 425 of 441

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



Plot 7-723. Radiated Restricted Upper Band Edge Measurement CDD

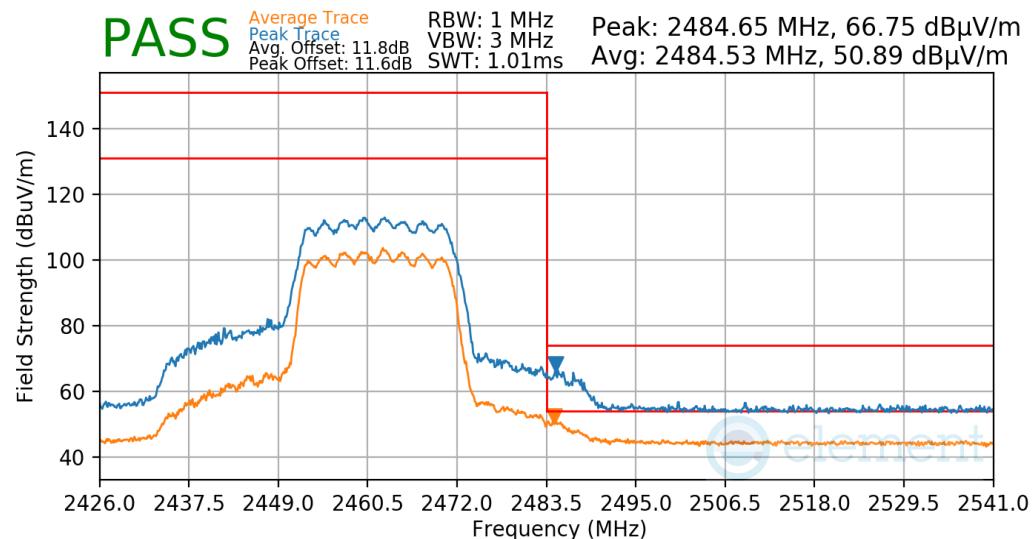
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11



Plot 7-724. Radiated Restricted Upper Band Edge Measurement CDD

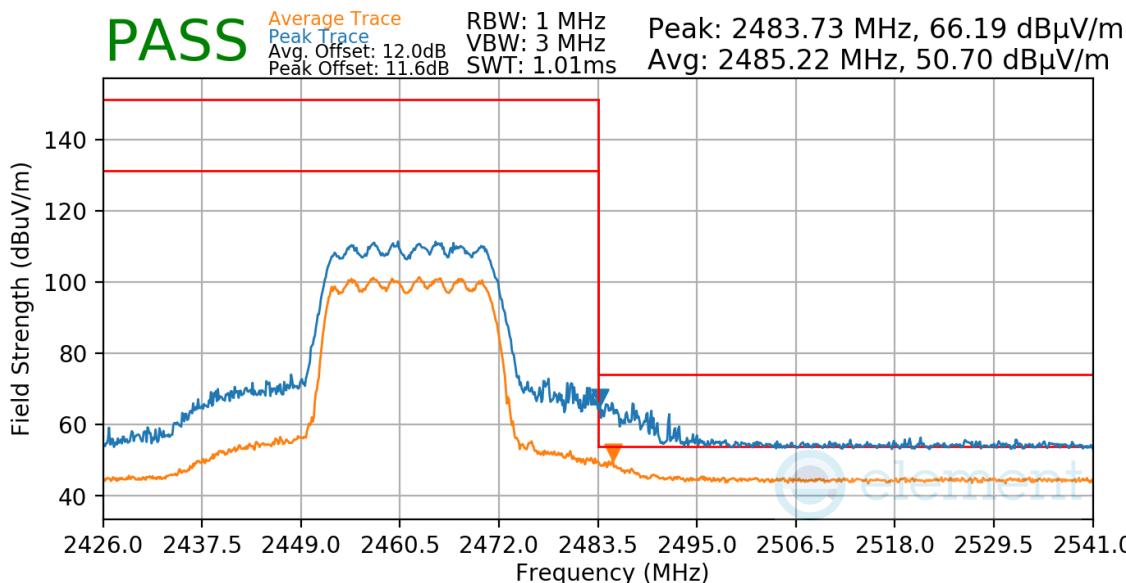
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 426 of 441

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



Plot 7-725. Radiated Restricted Upper Band Edge Measurement CDD

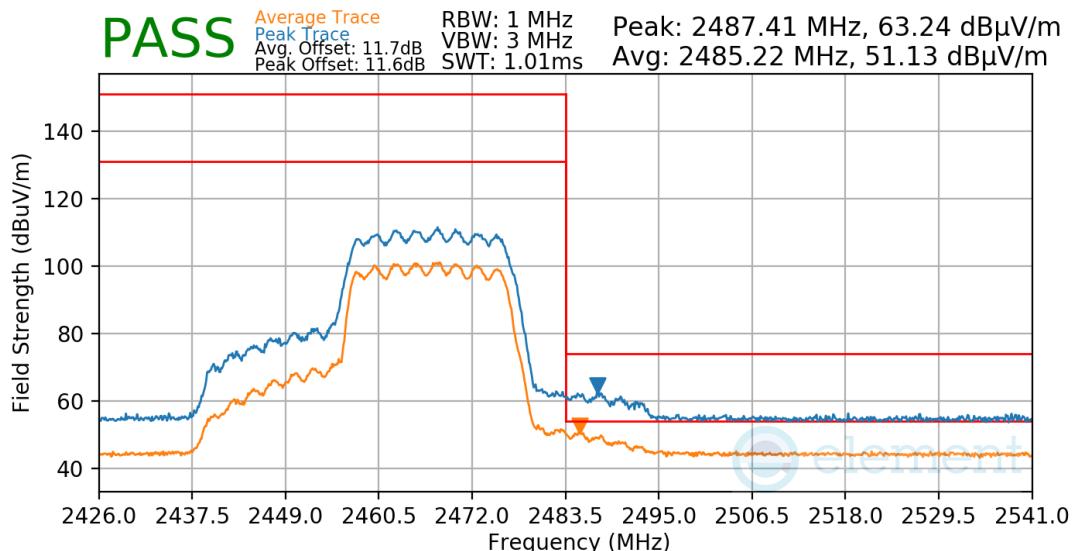
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11



Plot 7-726. Radiated Restricted Upper Band Edge Measurement CDD

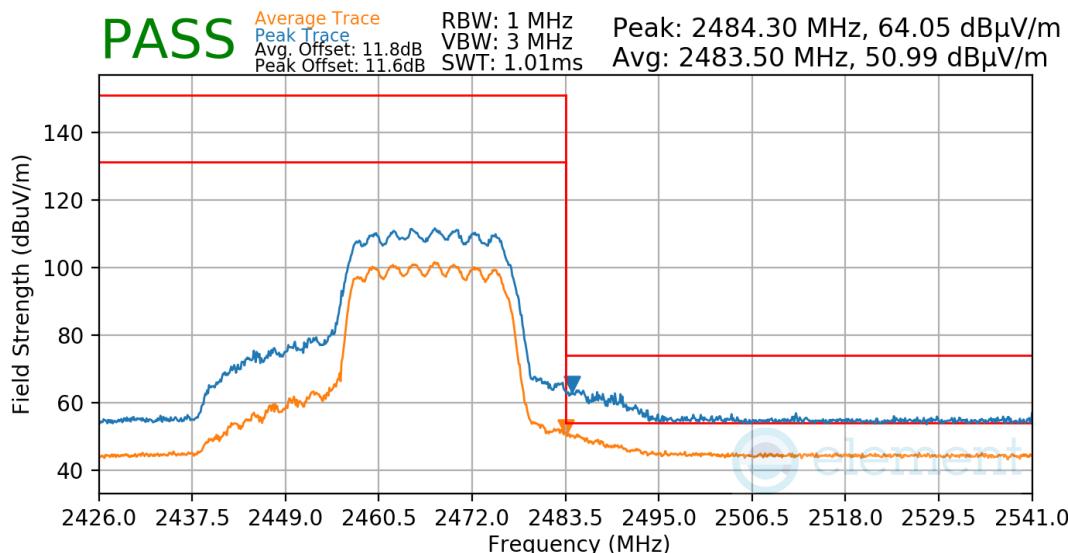
FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 427 of 441

Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2467MHz
 Channel: 12



Plot 7-727. Radiated Restricted Upper Band Edge Measurement CDD

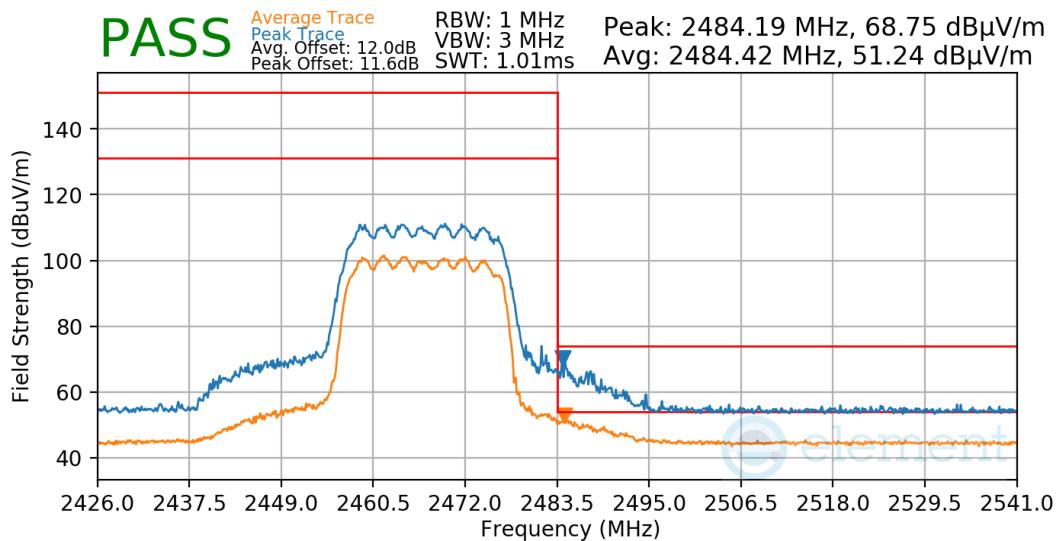
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2467MHz
 Channel: 12



Plot 7-728. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 428 of 441

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



Plot 7-729. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 429 of 441

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 [μ V/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: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 430 of 441

Test Setup

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

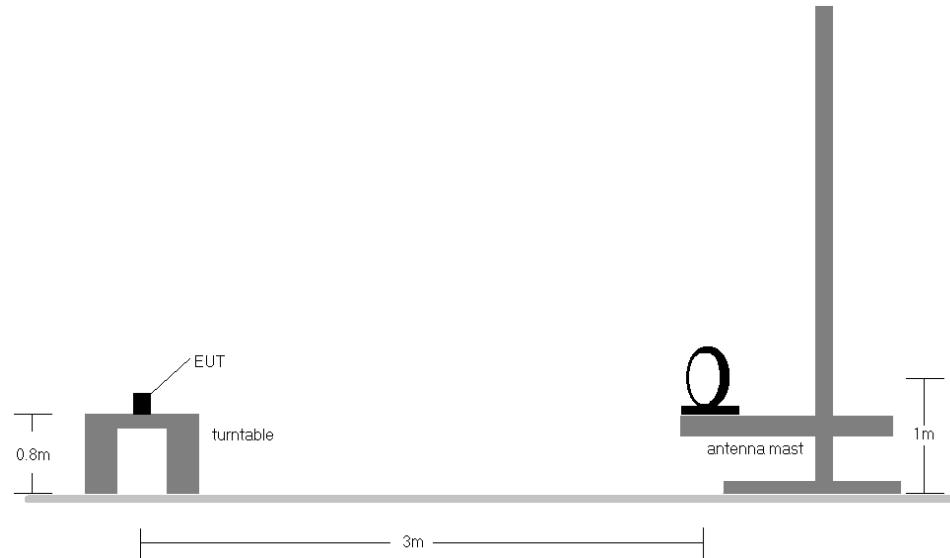


Figure 7-7. Radiated Test Setup < 30Mhz

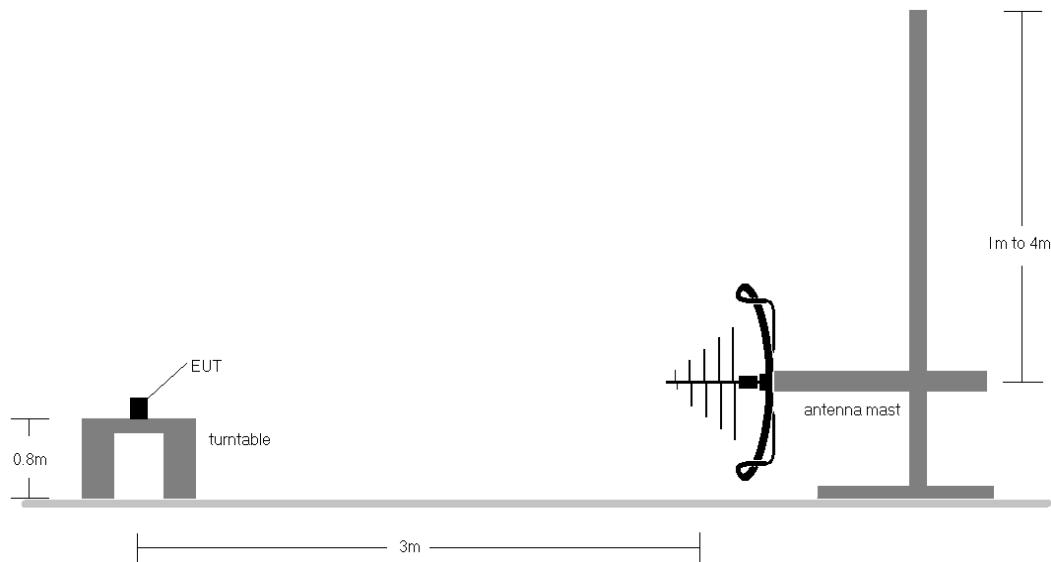


Figure 7-8. Radiated Test Setup < 1GHz

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 431 of 441

Test Notes

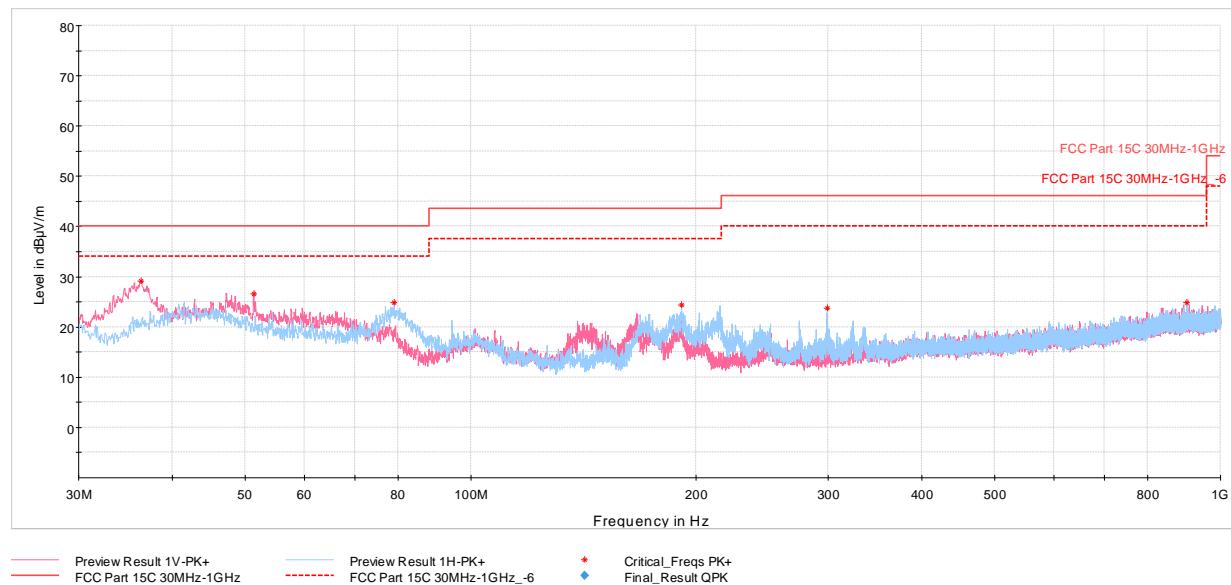
1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen(8.10) are below the limit shown in Table 7-66.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 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 unit was tested with all possible modes and only the highest emission is reported.
11. All antenna configurations were investigated and only the worst case is reported.

Sample Calculations

Determining Spurious Emissions Levels

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

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 432 of 441 V 10.5 12/15/2021

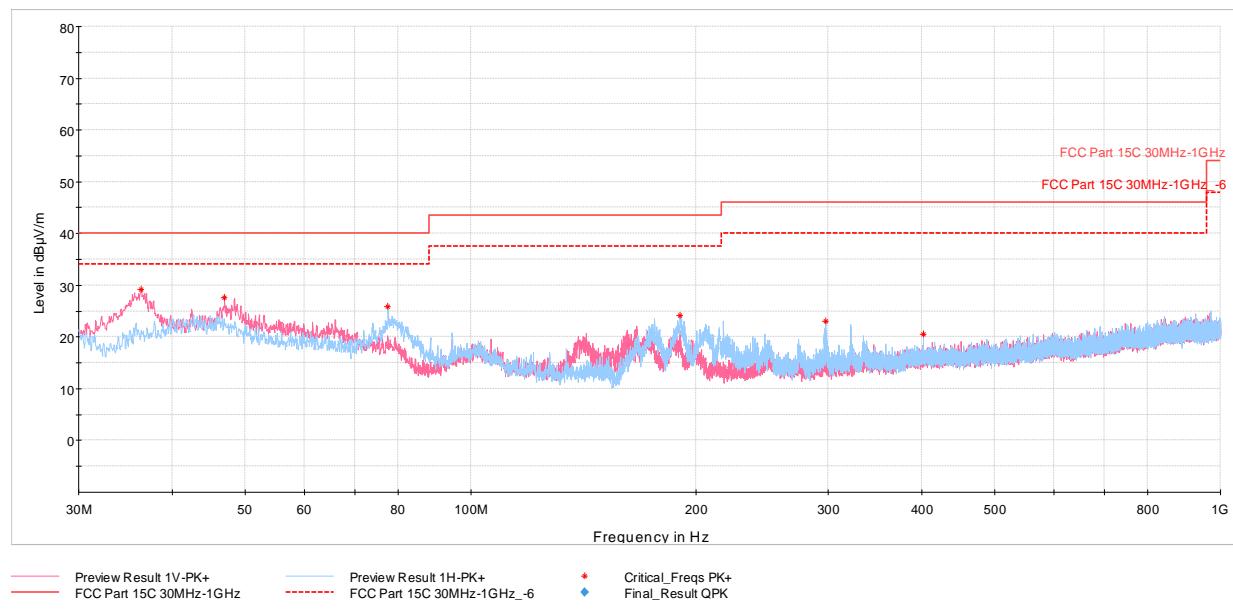


Plot 7-730. Radiated Spurious Emissions below 1GHz CDD 11n Ch.6, with AC/DC Adapter

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]
36.305	Max-Peak	V	100	14	-59.89	-18	29.11	40.00	-10.89
51.389	Max-Peak	V	100	45	-64.36	-16	26.64	40.00	-13.36
79.082	Max-Peak	H	300	323	-59.16	-23	24.84	40.00	-15.16
191.214	Max-Peak	H	100	179	-64.63	-18	24.37	43.52	-19.15
298.690	Max-Peak	H	100	134	-68.30	-15	23.70	46.02	-22.32
901.933	Max-Peak	H	100	109	-78.20	-4	24.80	46.02	-21.22

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

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 433 of 441



Plot 7-731. 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]
36.354	Max-Peak	V	100	321	-59.78	-18	29.22	40.00	-10.78
46.927	Max-Peak	V	100	15	-63.39	-16	27.61	40.00	-12.39
77.530	Max-Peak	H	300	283	-58.12	-23	25.88	40.00	-14.12
190.244	Max-Peak	H	100	193	-64.87	-18	24.13	43.52	-19.39
297.769	Max-Peak	H	100	148	-68.92	-15	23.08	46.02	-22.94
401.947	Max-Peak	H	100	148	-74.47	-12	20.53	46.02	-25.49

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

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 434 of 441

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 (dB μ V)	
	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, Subclause 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: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 435 of 441 V 10.5 12/15/2021

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Test Setup

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

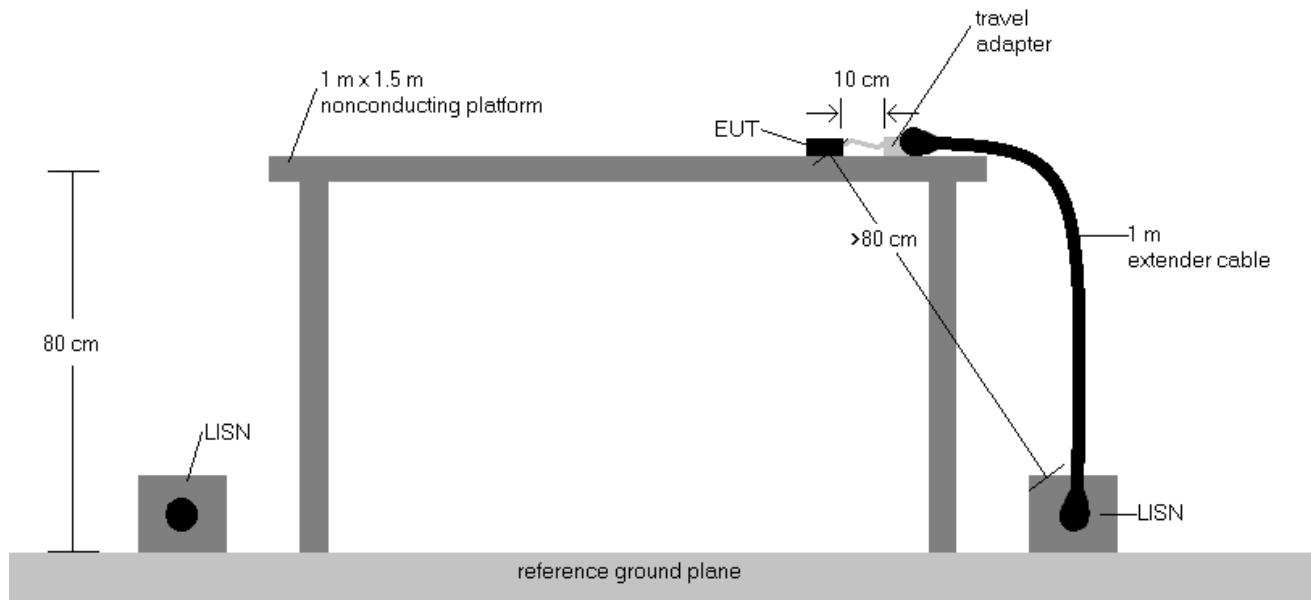
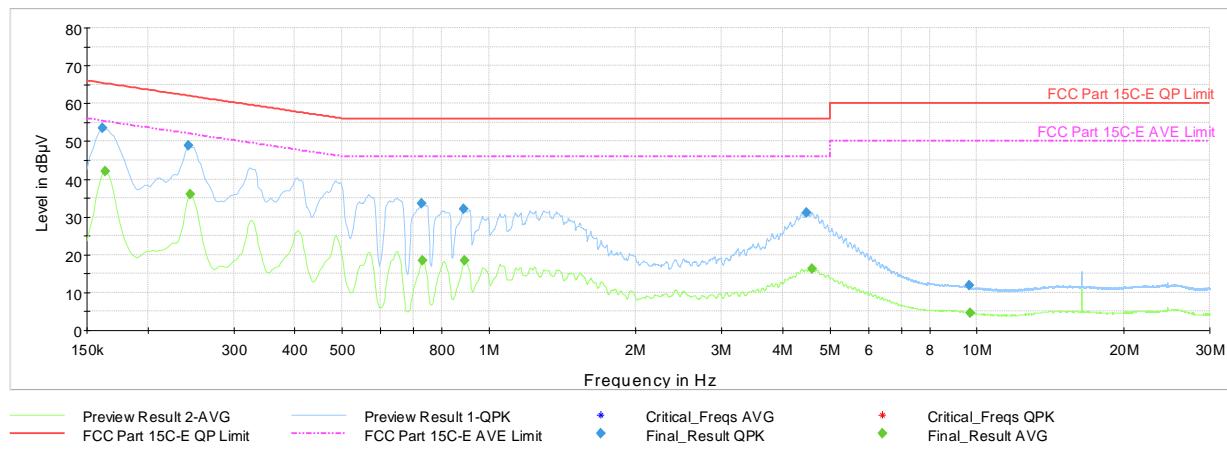


Figure 7-9. Test Instrument & Measurement Setup

Test Notes

1. 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.
2. 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
3. The limit for an intentional radiator from 150kHz to 30MHz are specified in Part 15.207 and RSS-Gen(8.8).
4. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
5. QP/AV Level (dB μ V) = QP/AV Analyzer/Receiver Level (dB μ V) + Corr. (dB)
6. Margin (dB) = QP/AV Level (dB μ V) - QP/AV Limit (dB μ V)
7. Traces shown in plot are made using quasi peak and average detectors.
8. Deviations to the Specifications: None.

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 436 of 441

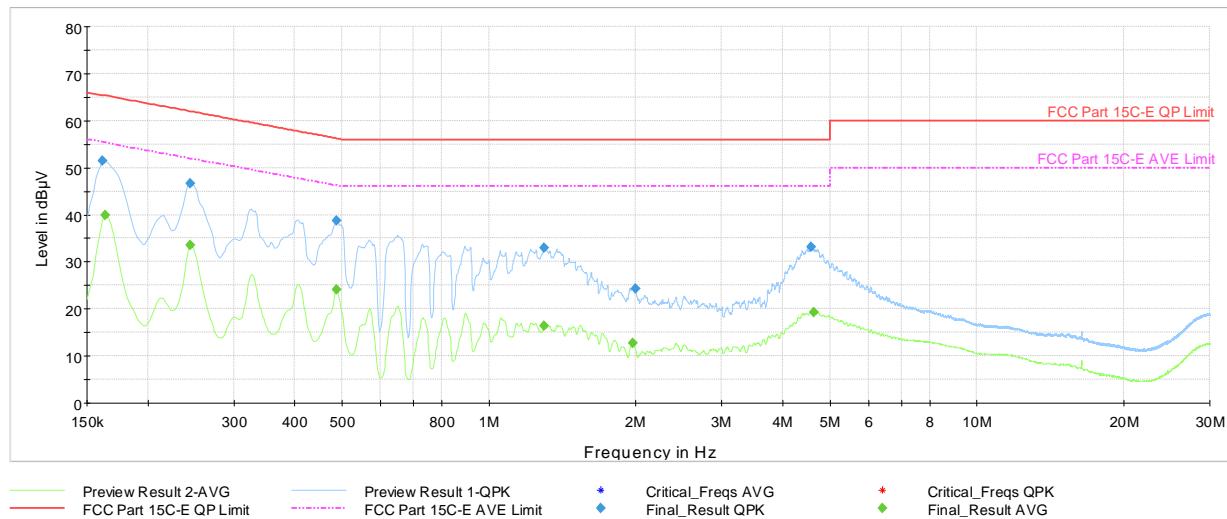


Plot 7-732. AC Line Conducted Plot with CDD 11n Ch.6 (L1, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.161	FINAL	53.57	---	65.40	-11.83	L1	GND
0.164	FINAL	---	42.15	55.28	-13.14	L1	GND
0.242	FINAL	48.80	---	62.02	-13.22	L1	GND
0.245	FINAL	---	35.97	51.94	-15.97	L1	GND
0.728	FINAL	33.60	---	56.00	-22.40	L1	GND
0.731	FINAL	---	18.37	46.00	-27.63	L1	GND
0.888	FINAL	31.98	---	56.00	-24.02	L1	GND
0.893	FINAL	---	18.49	46.00	-27.51	L1	GND
4.472	FINAL	31.20	---	56.00	-24.80	L1	GND
4.601	FINAL	---	16.22	46.00	-29.78	L1	GND
9.634	FINAL	11.86	---	60.00	-48.14	L1	GND
9.668	FINAL	---	4.66	50.00	-45.34	L1	GND

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

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 437 of 441

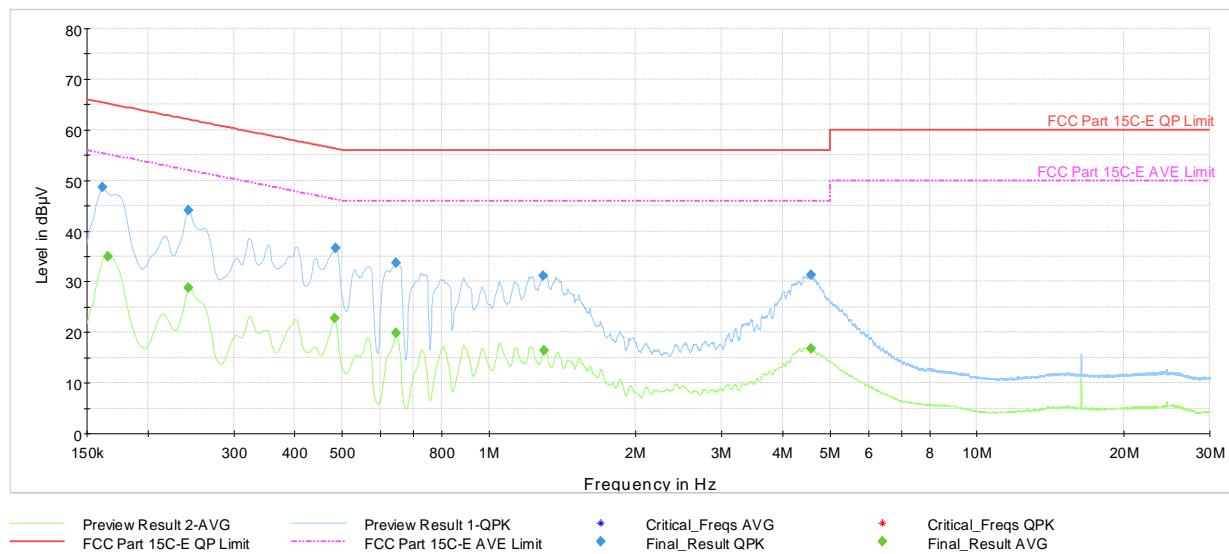


Plot 7-733. AC Line Conducted Plot with CDD 11n Ch.6 (N, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.161	FINAL	51.46	---	65.40	-13.94	N	GND
0.164	FINAL	---	39.83	55.28	-15.46	N	GND
0.245	FINAL	---	33.64	51.94	-18.31	N	GND
0.245	FINAL	46.74	---	61.94	-15.20	N	GND
0.488	FINAL	38.73	---	56.21	-17.48	N	GND
0.488	FINAL	---	24.17	46.21	-22.04	N	GND
1.298	FINAL	32.88	---	56.00	-23.12	N	GND
1.298	FINAL	---	16.35	46.00	-29.65	N	GND
1.968	FINAL	---	12.68	46.00	-33.32	N	GND
2.000	FINAL	24.21	---	56.00	-31.79	N	GND
4.567	FINAL	33.11	---	56.00	-22.89	N	GND
4.623	FINAL	---	19.24	46.00	-26.76	N	GND

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

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 438 of 441

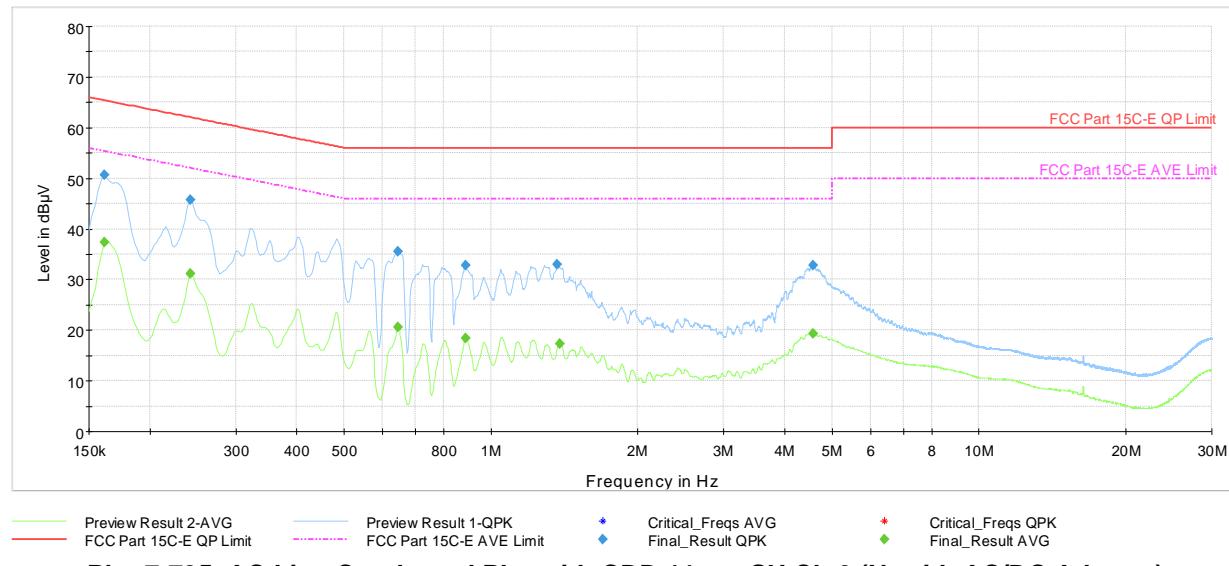


Plot 7-734. AC Line Conducted Plot with CDD 11ax - SU Ch.6 (L1, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.19	FINAL	48.46	---	64.11	-15.66	L1	ON
0.19	FINAL	---	30.03	54.02	-23.99	L1	ON
0.25	FINAL	42.13	---	61.72	-19.58	L1	ON
0.26	FINAL	---	25.33	51.57	-26.23	L1	ON
0.82	FINAL	---	16.80	46.00	-29.20	L1	ON
0.82	FINAL	24.71	---	56.00	-31.29	L1	ON
1.64	FINAL	---	14.35	46.00	-31.65	L1	ON
1.64	FINAL	22.04	---	56.00	-33.96	L1	ON
8.06	FINAL	---	14.77	50.00	-35.23	L1	ON
8.06	FINAL	22.28	---	60.00	-37.72	L1	ON
18.24	FINAL	---	11.44	50.00	-38.56	L1	ON
18.24	FINAL	18.14	---	60.00	-41.86	L1	ON

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

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 439 of 441



Plot 7-735. 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
0.161	FINAL	---	37.31	55.40	-18.08	N	GND
0.161	FINAL	50.75	---	65.40	-14.65	N	GND
0.242	FINAL	---	31.07	52.02	-20.95	N	GND
0.242	FINAL	45.80	---	62.02	-16.22	N	GND
0.645	FINAL	---	20.53	46.00	-25.47	N	GND
0.645	FINAL	35.54	---	56.00	-20.46	N	GND
0.886	FINAL	32.83	---	56.00	-23.17	N	GND
0.886	FINAL	---	18.44	46.00	-27.56	N	GND
1.367	FINAL	32.90	---	56.00	-23.10	N	GND
1.383	FINAL	---	17.26	46.00	-28.74	N	GND
4.565	FINAL	---	19.33	46.00	-26.67	N	GND
4.565	FINAL	32.78	---	56.00	-23.22	N	GND

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

FCC ID: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 440 of 441

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device** **FCC ID: BCGA2759, IC: 579C-A2759** 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: BCGA2759 IC: 579C-A2759	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090024-01.BCG	Test Dates: 07/21/2022-09/25/2022	EUT Type: Tablet Device	Page 441 of 441

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V 10.5 12/15/2021