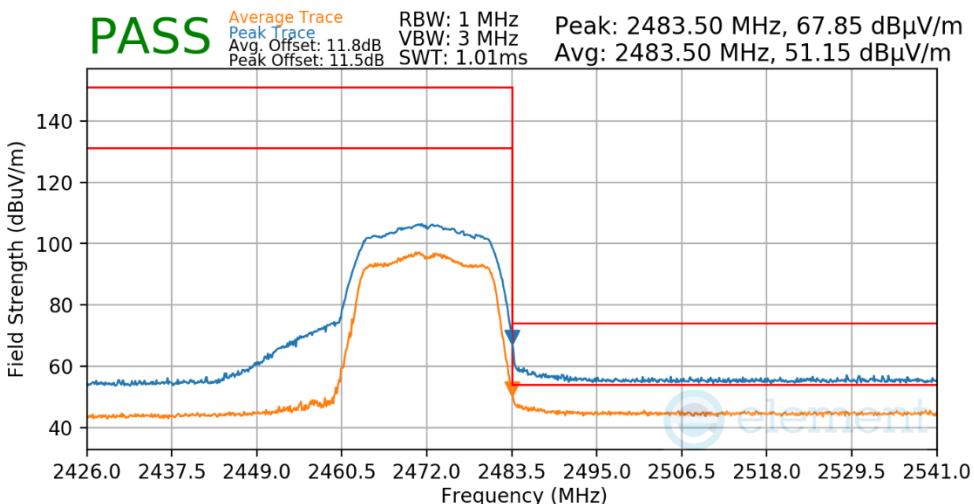
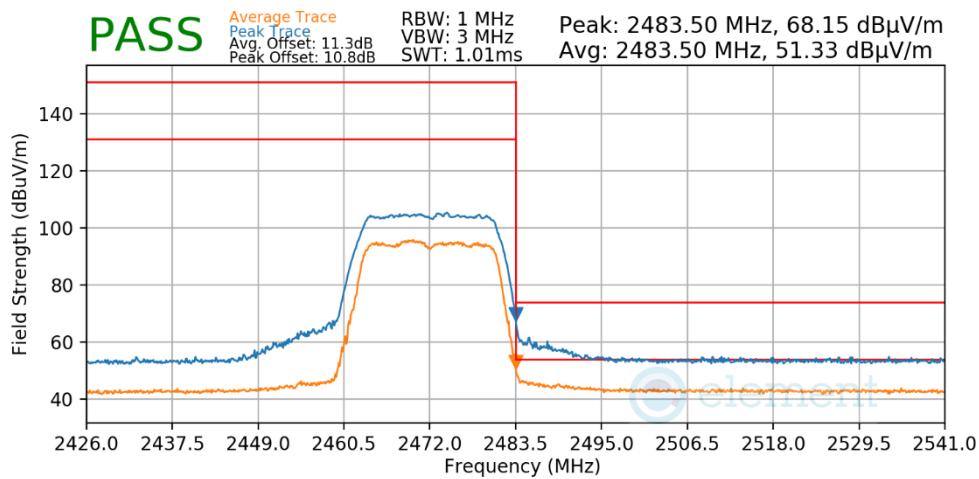


Mode: 802.11n  
 Data Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2472MHz  
 Channel: 13



**Plot 7-693. Radiated Restricted Upper Band Edge Measurement CDD**

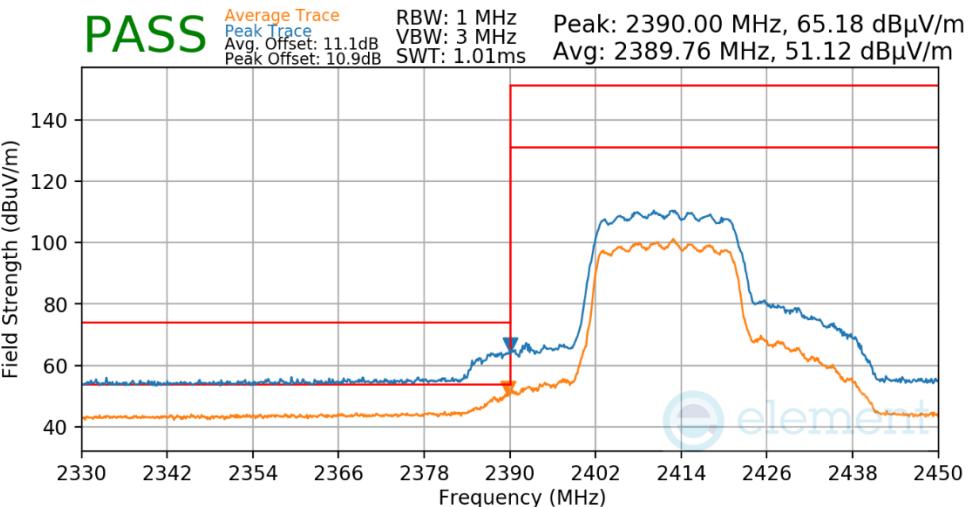
Mode: 802.11n  
 Data Rate: MCS13  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2472MHz  
 Channel: 13



**Plot 7-694. Radiated Restricted Upper Band Edge Measurement CDD**

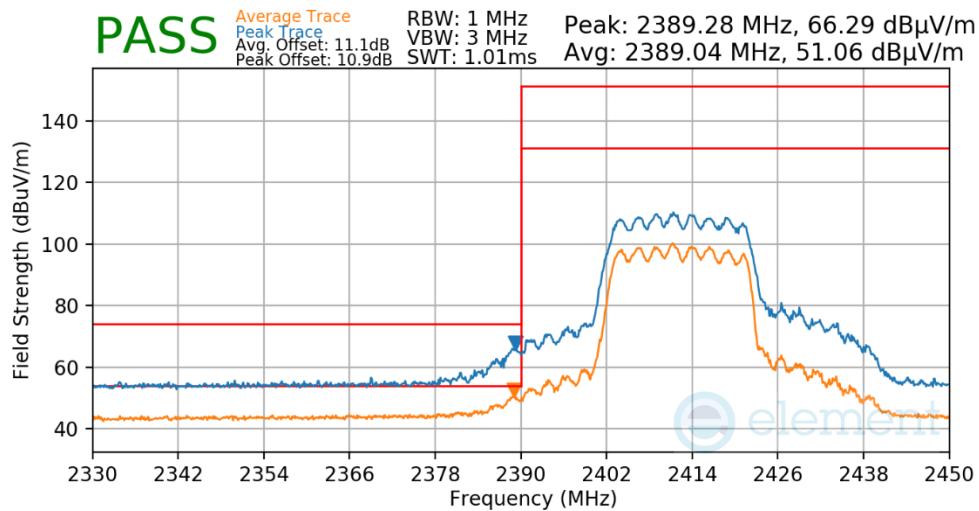
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 412 of 444

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



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

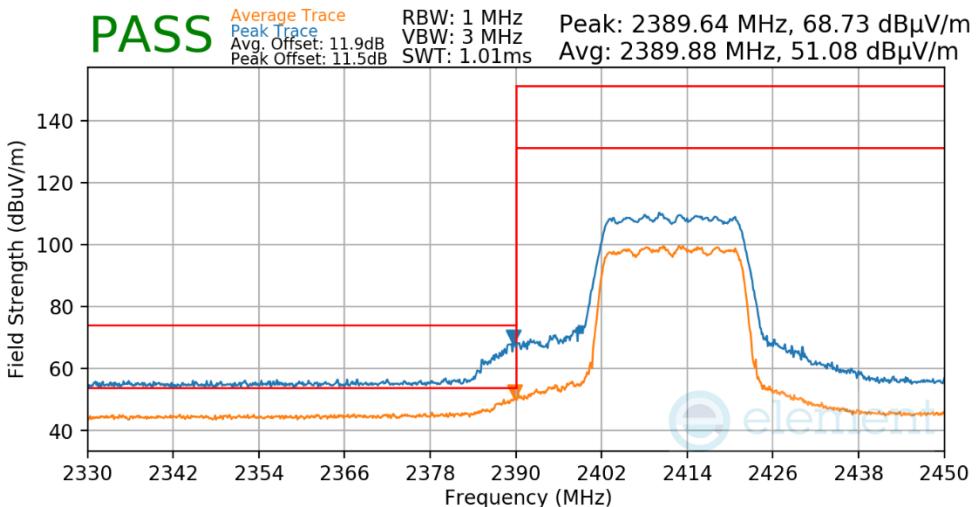
Mode: 802.11ax - SU  
 Data Rate: MCS3  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2412MHz  
 Channel: 1



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

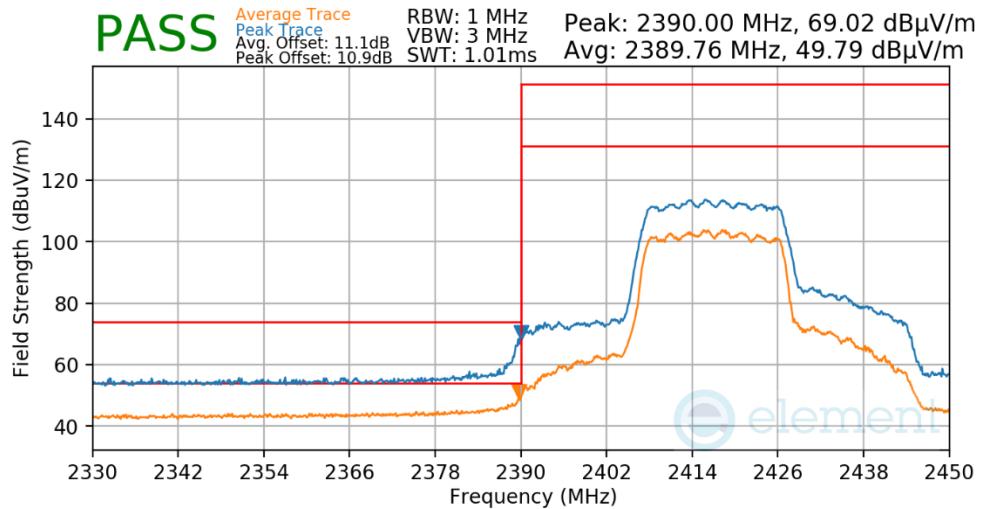
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 413 of 444

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



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

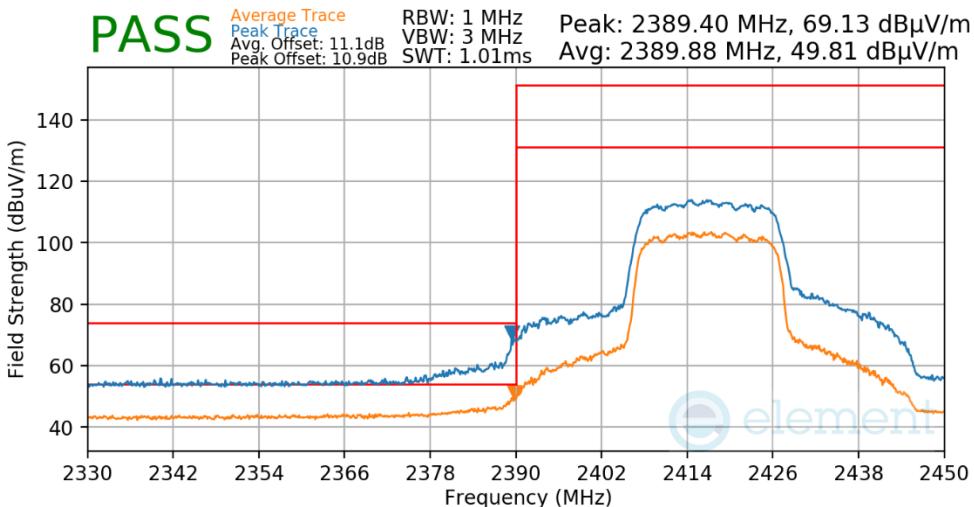
Mode: 802.11ax - SU  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2417MHz  
 Channel: 2



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

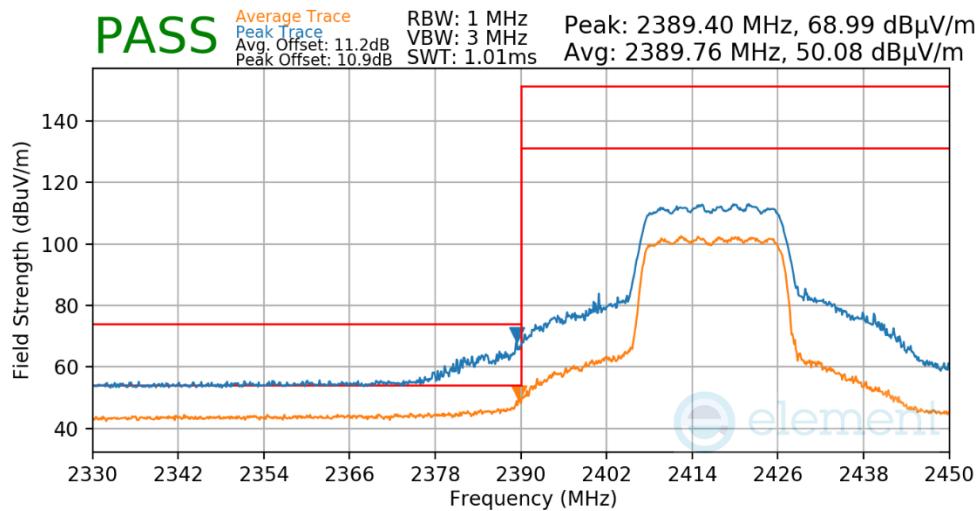
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 414 of 444

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



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

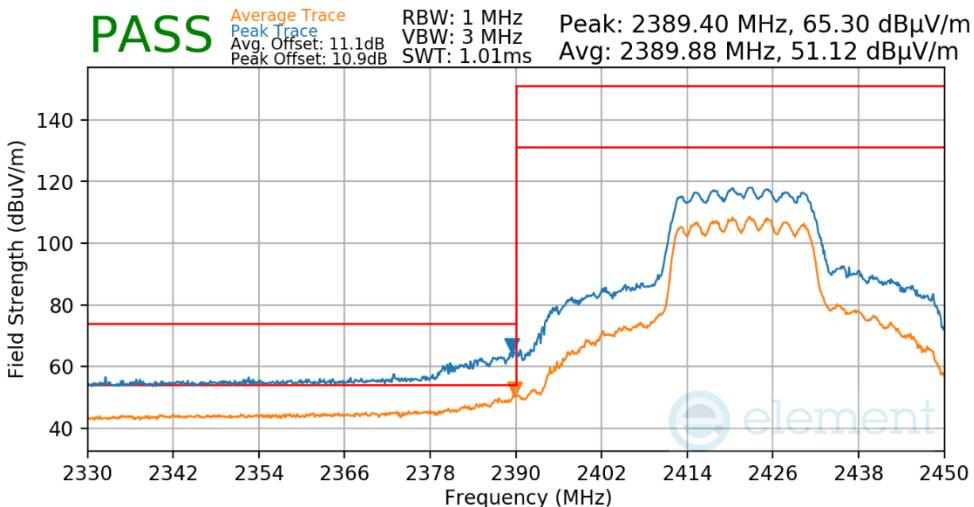
Mode: 802.11ax - SU  
 Data Rate: MCS5  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2417MHz  
 Channel: 2



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

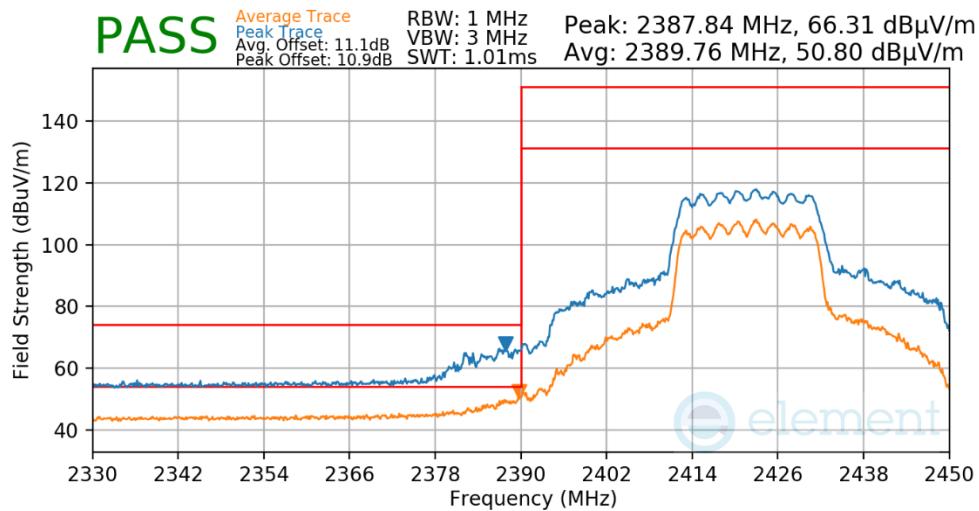
FCC ID: BCGA2436 IC: 579C-A2436	 <b>element</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 415 of 444

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



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

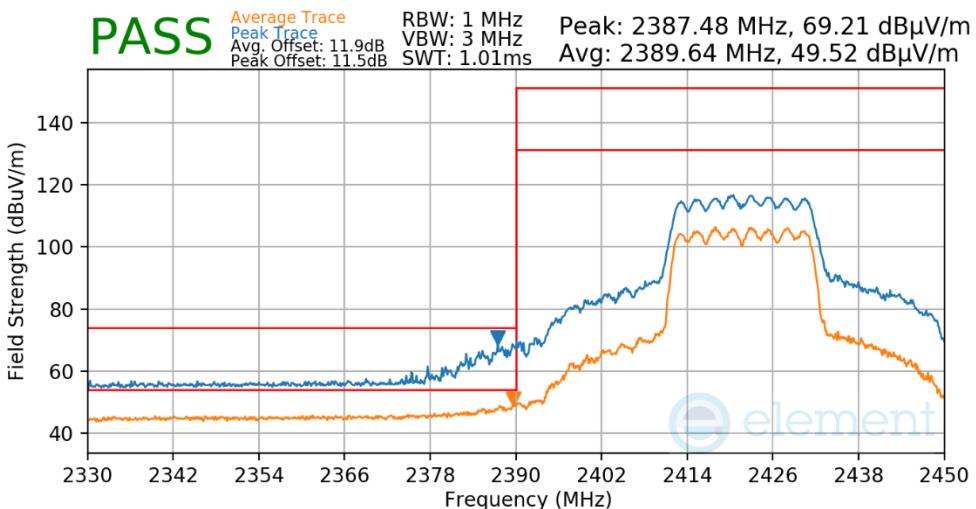
Mode: 802.11ax - SU  
 Data Rate: MCS3  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2422MHz  
 Channel: 3



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

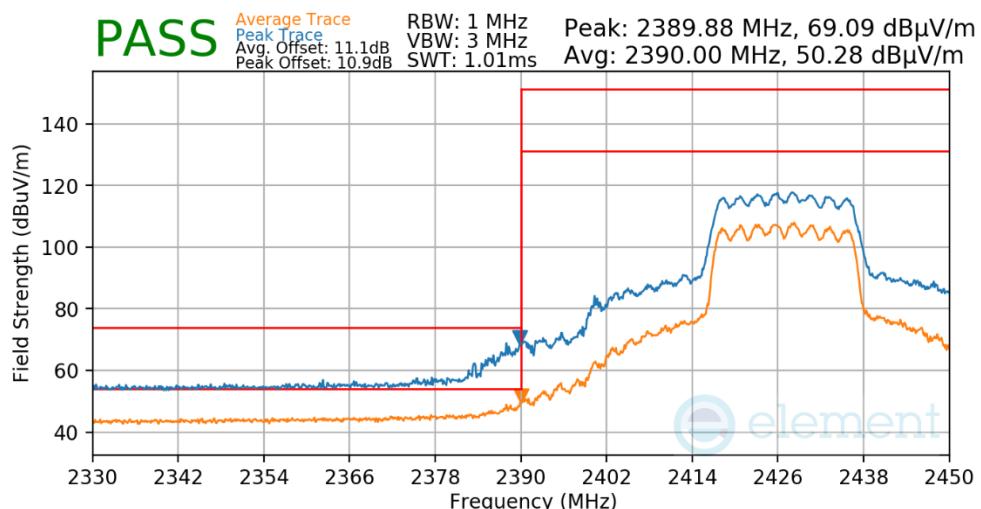
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 416 of 444

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



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

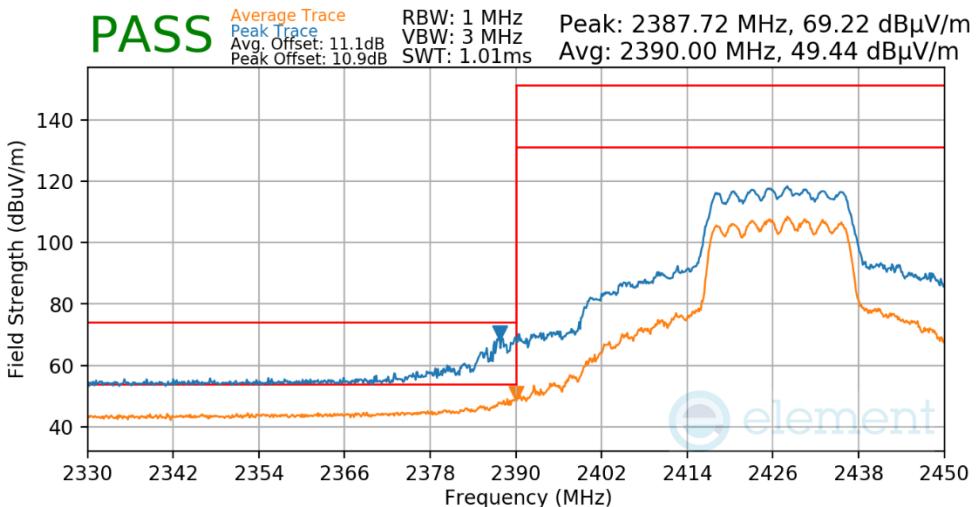
Mode: 802.11ax - SU  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2427MHz  
 Channel: 4



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

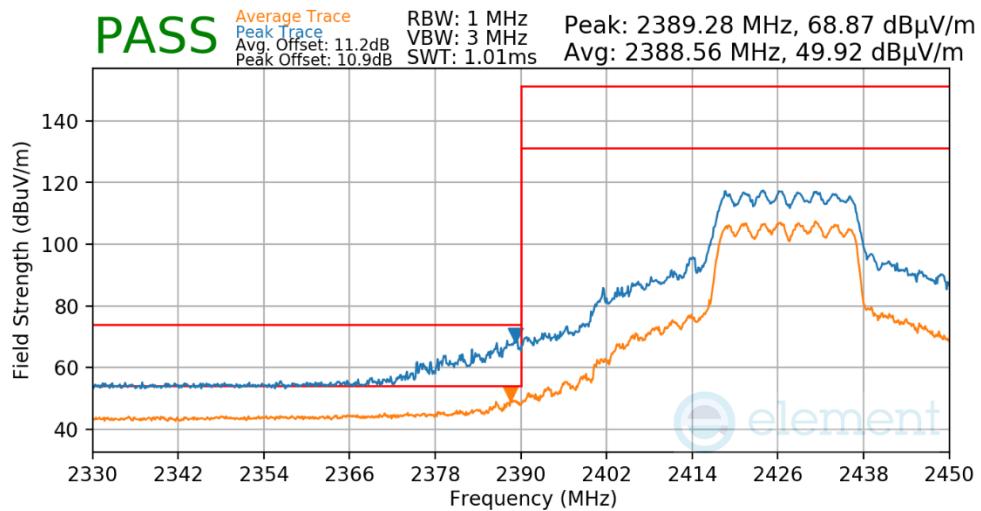
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 417 of 444

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



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

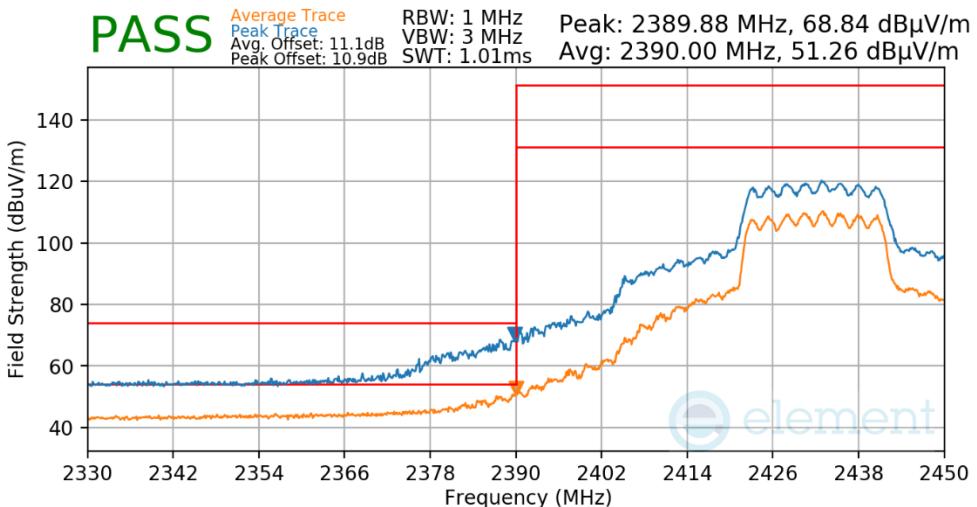
Mode: 802.11ax - SU  
 Data Rate: MCS5  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2427MHz  
 Channel: 4



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

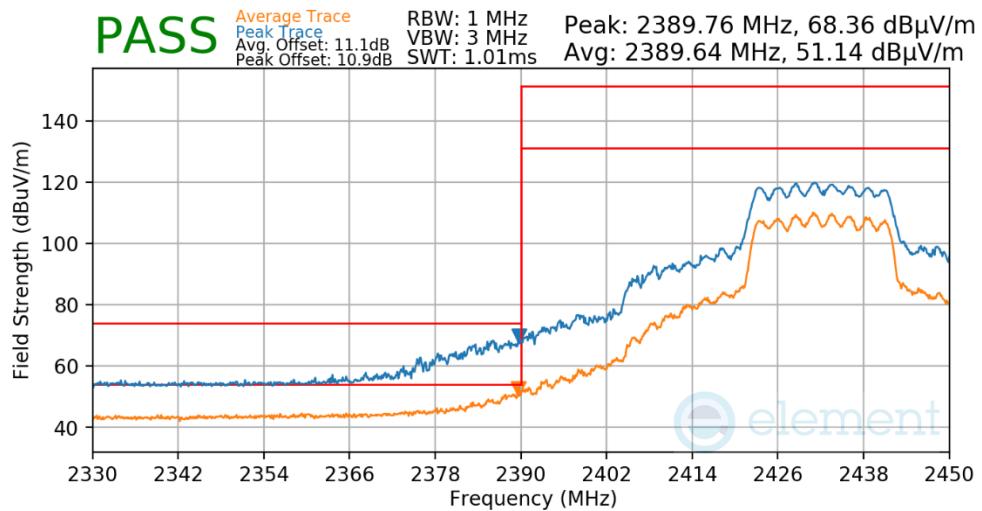
FCC ID: BCGA2436 IC: 579C-A2436	 <b>element</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 418 of 444

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



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

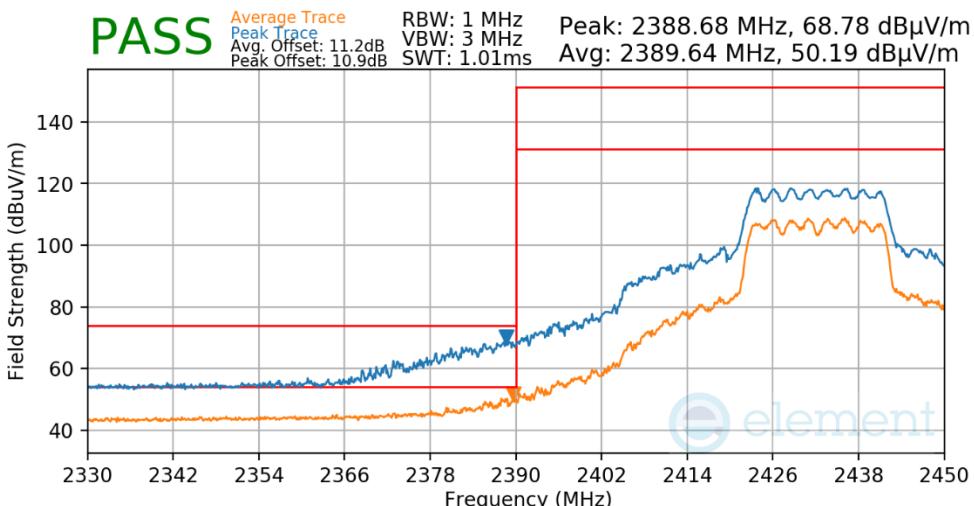
Mode: 802.11ax - SU  
 Data Rate: MCS3  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2432MHz  
 Channel: 5



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

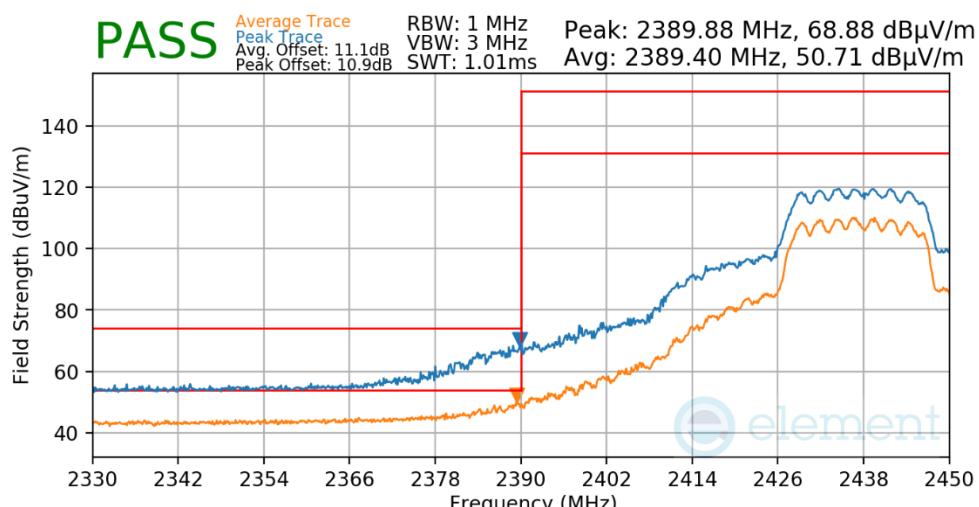
FCC ID: BCGA2436 IC: 579C-A2436	 <b>element</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 419 of 444

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



**Plot 7-709. Radiated Restricted Lower Band Edge Measurement CDD**

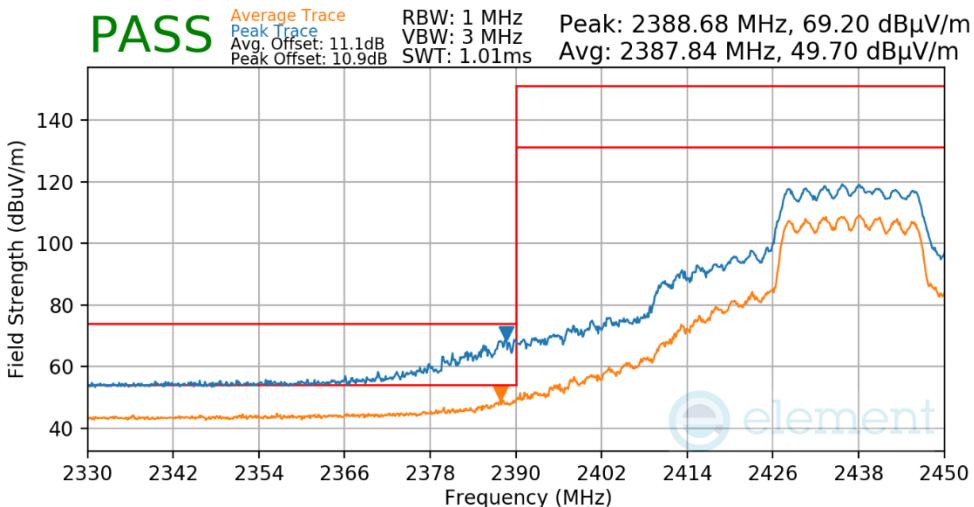
Mode: 802.11ax - SU  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2437MHz  
 Channel: 6



**Plot 7-710. Radiated Restricted Lower Band Edge Measurement CDD**

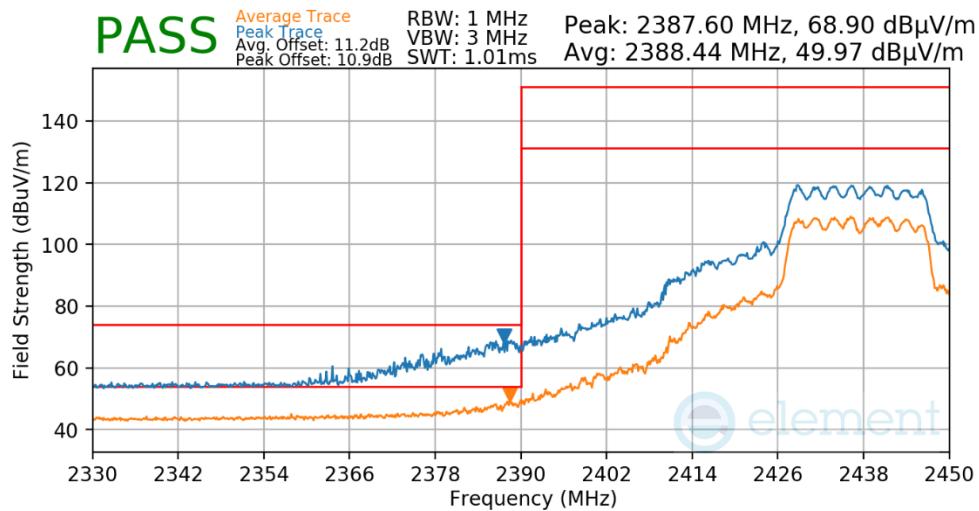
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 420 of 444

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



**Plot 7-711. Radiated Restricted Lower Band Edge Measurement CDD**

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

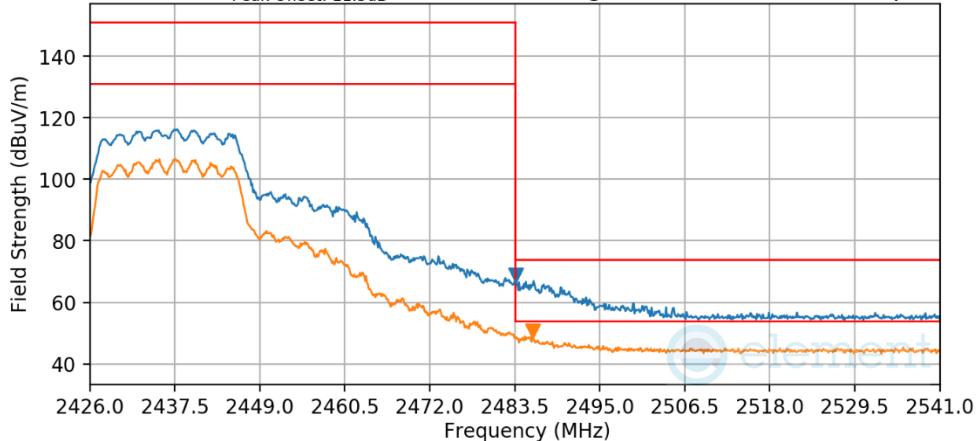


**Plot 7-712. Radiated Restricted Lower Band Edge Measurement CDD**

FCC ID: BCGA2436 IC: 579C-A2436	 <b>element</b> <b>MEASUREMENT REPORT</b> (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 421 of 444

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

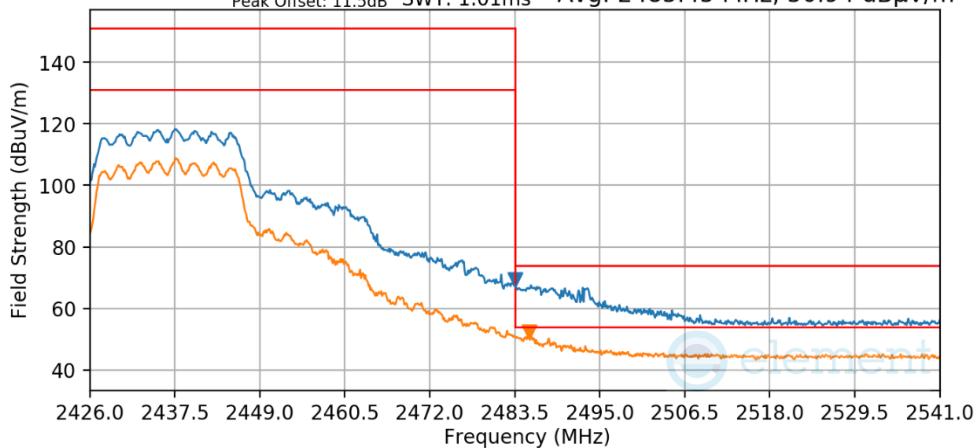
**PASS**      Average Trace      RBW: 1 MHz  
 Peak Trace      VBW: 3 MHz      Peak: 2483.61 MHz, 67.25 dB $\mu$ V/m  
 Avg. Offset: 11.7dB      SWT: 1.01ms      Avg: 2485.91 MHz, 49.14 dB $\mu$ V/m  
 Peak Offset: 11.5dB



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

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

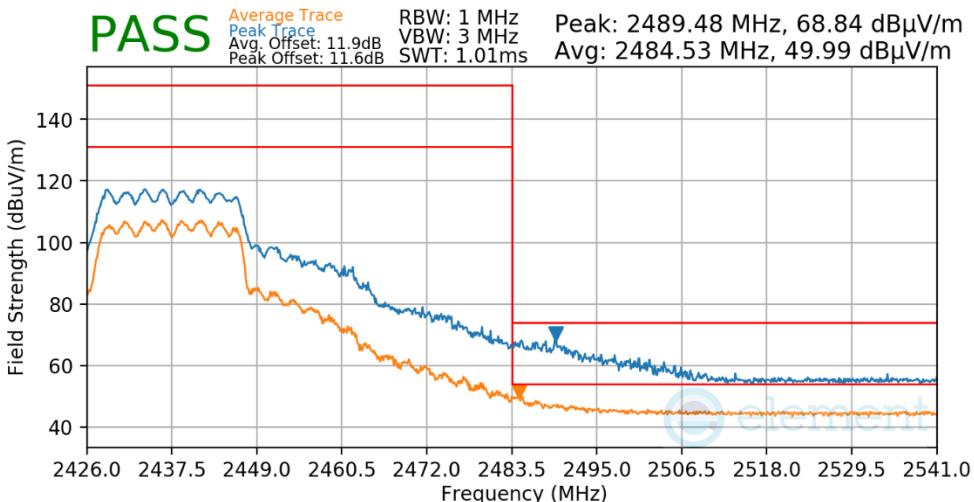
**PASS**      Average Trace      RBW: 1 MHz      Peak: 2483.50 MHz, 67.75 dB $\mu$ V/m  
 Peak Trace      VBW: 3 MHz      Avg: 2485.45 MHz, 50.94 dB $\mu$ V/m  
 Avg. Offset: 11.7dB      SWT: 1.01ms      Peak Offset: 11.5dB



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

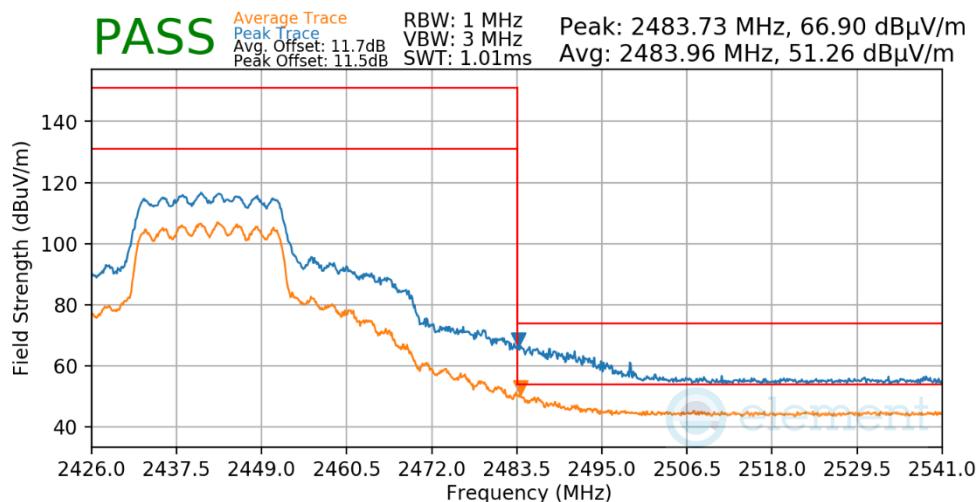
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 422 of 444

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



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

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

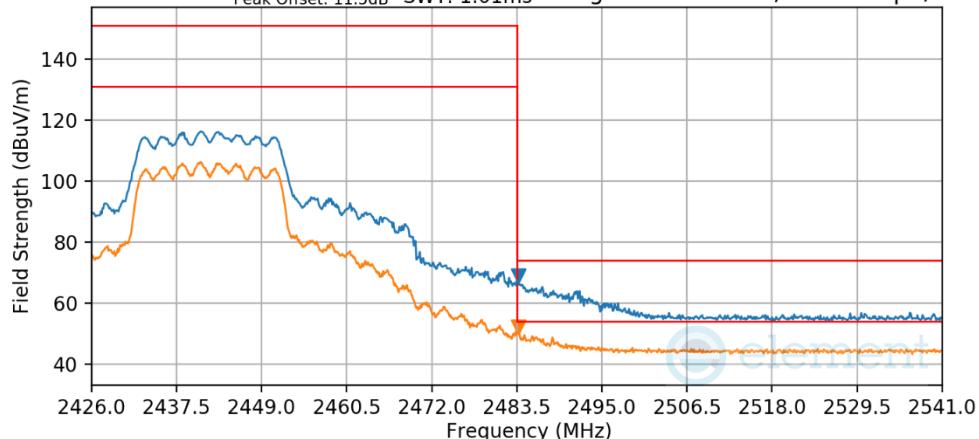


**Plot 7-716. Radiated Restricted Upper Band Edge Measurement CDD**

FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 423 of 444

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

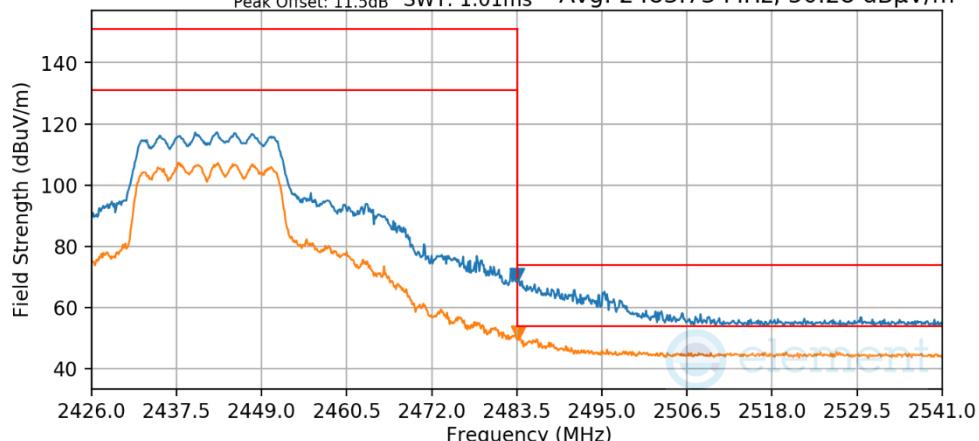
**PASS**      Average Trace      RBW: 1 MHz  
 Peak Trace      VBW: 3 MHz  
 Avg. Offset: 11.7dB      SWT: 1.01ms      Peak: 2483.73 MHz, 67.53 dB $\mu$ V/m  
 Peak Offset: 11.5dB      Avg: 2483.73 MHz, 50.77 dB $\mu$ V/m



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

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

**PASS**      Average Trace      RBW: 1 MHz  
 Peak Trace      VBW: 3 MHz  
 Avg. Offset: 11.9dB      SWT: 1.01ms      Peak: 2483.50 MHz, 69.12 dB $\mu$ V/m  
 Peak Offset: 11.5dB      Avg: 2483.73 MHz, 50.28 dB $\mu$ V/m

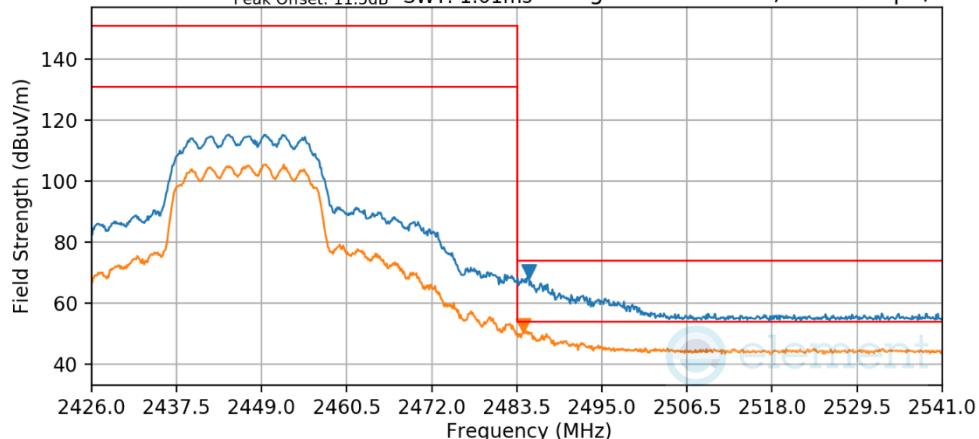


**Plot 7-718. Radiated Restricted Upper Band Edge Measurement CDD**

FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 424 of 444

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

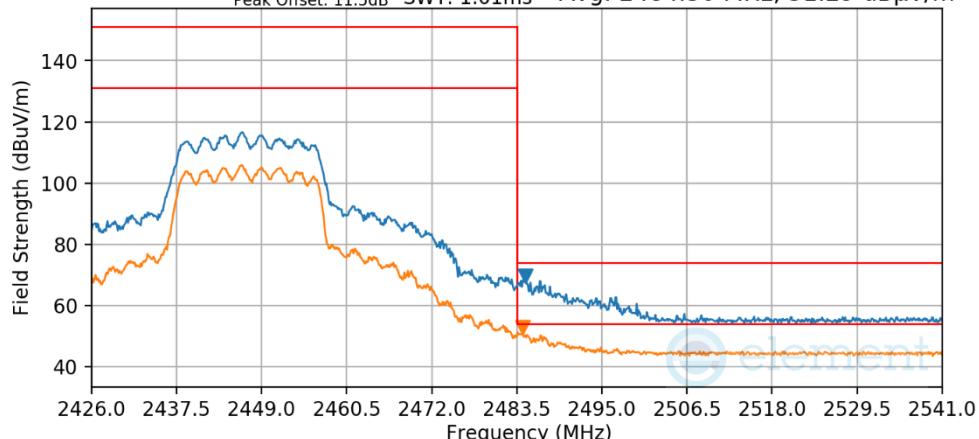
**PASS** Average Trace  
Peak Trace  
Avg. Offset: 11.7dB  
Peak Offset: 11.5dB  
RBW: 1 MHz  
VBW: 3 MHz  
SWT: 1.01ms Peak: 2485.11 MHz, 68.98 dB $\mu$ V/m  
Avg: 2484.42 MHz, 51.25 dB $\mu$ V/m



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

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

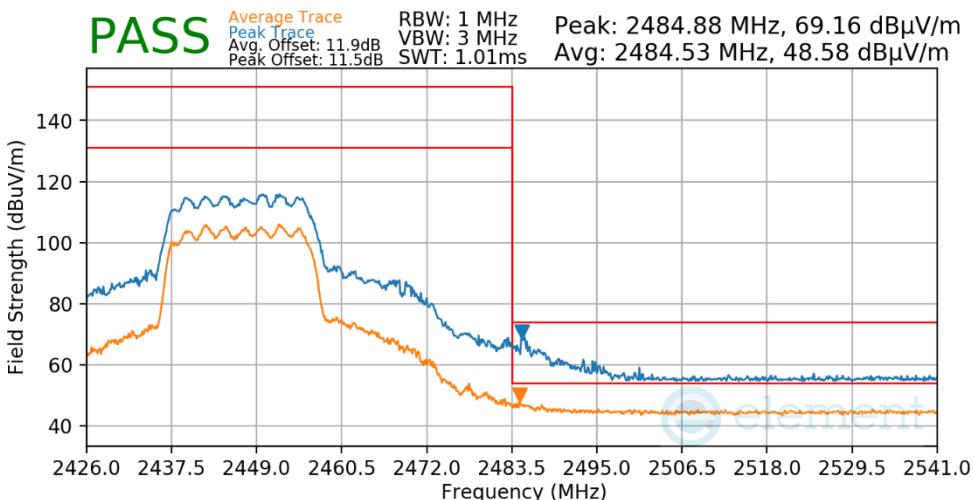
**PASS** Average Trace  
Peak Trace  
Avg. Offset: 11.7dB  
Peak Offset: 11.5dB  
RBW: 1 MHz  
VBW: 3 MHz  
SWT: 1.01ms Peak: 2484.65 MHz, 68.17 dB $\mu$ V/m  
Avg: 2484.30 MHz, 51.29 dB $\mu$ V/m



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

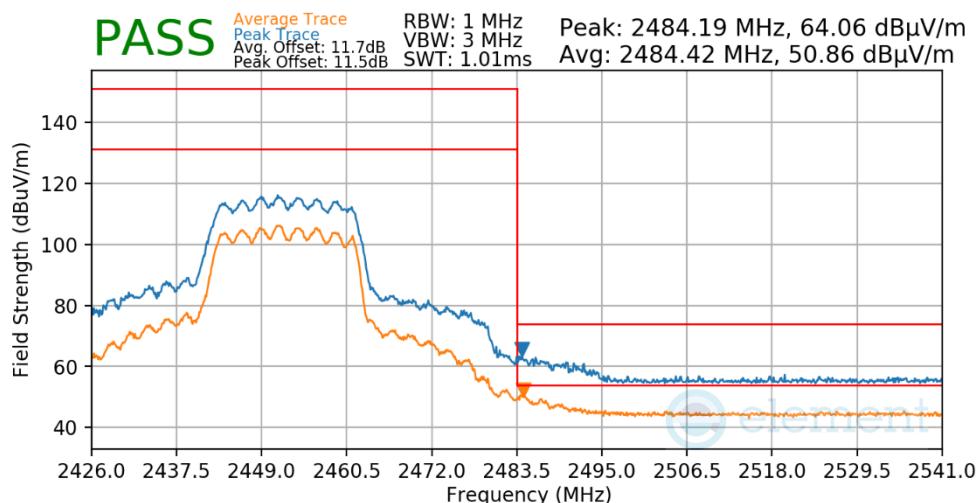
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 425 of 444

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



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

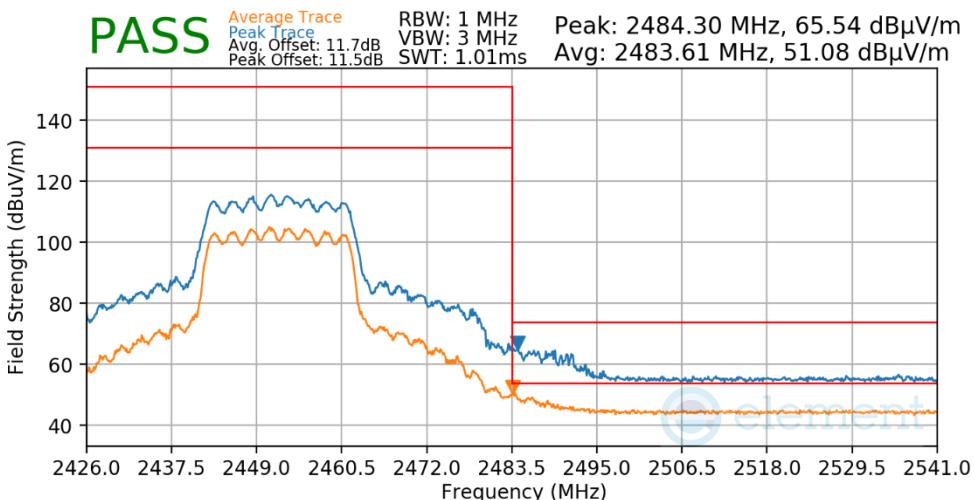
Mode: 802.11ax - SU  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2452MHz  
 Channel: 9



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

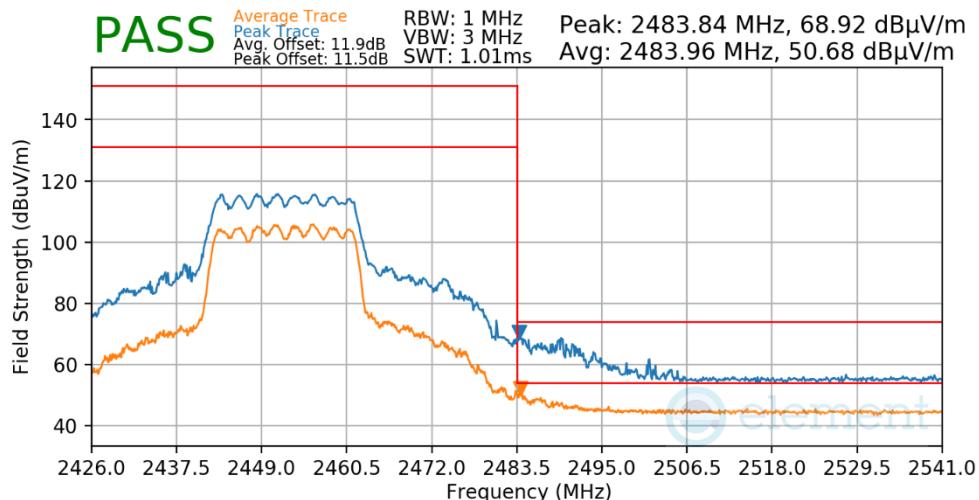
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 426 of 444

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



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

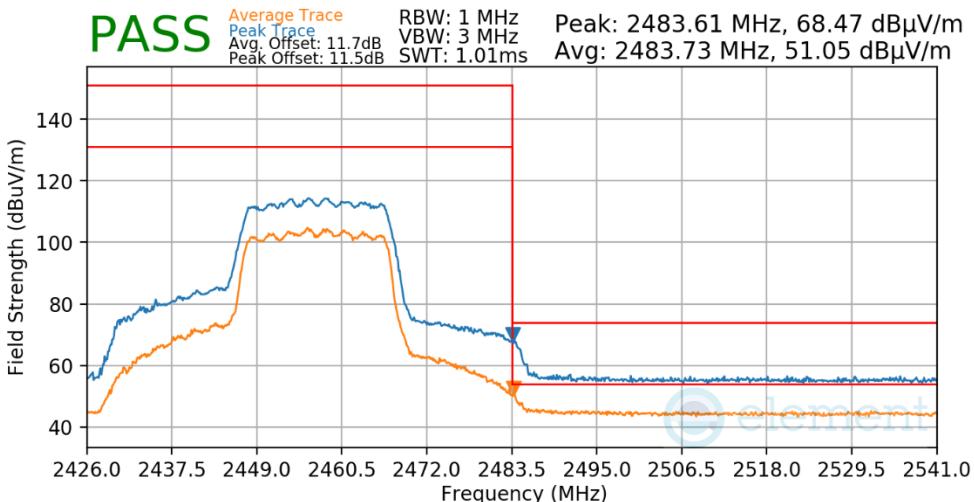
Mode: 802.11ax - SU  
 Data Rate: MCS5  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2452MHz  
 Channel: 9



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

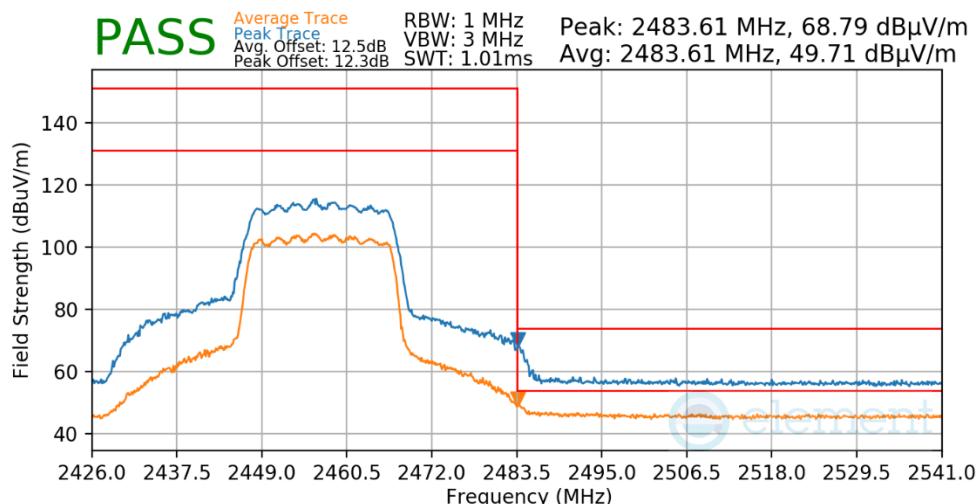
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 427 of 444

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



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

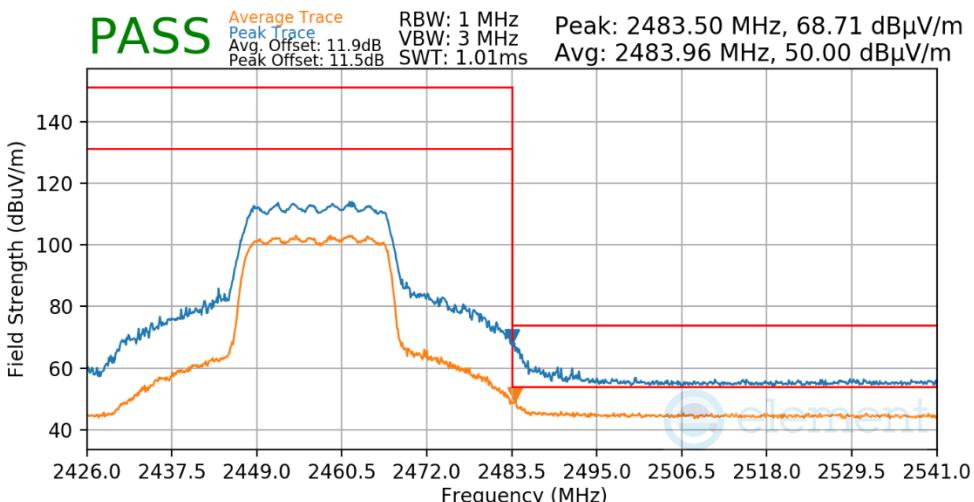
Mode: 802.11ax - SU  
 Data Rate: MCS3  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2457MHz  
 Channel: 10



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

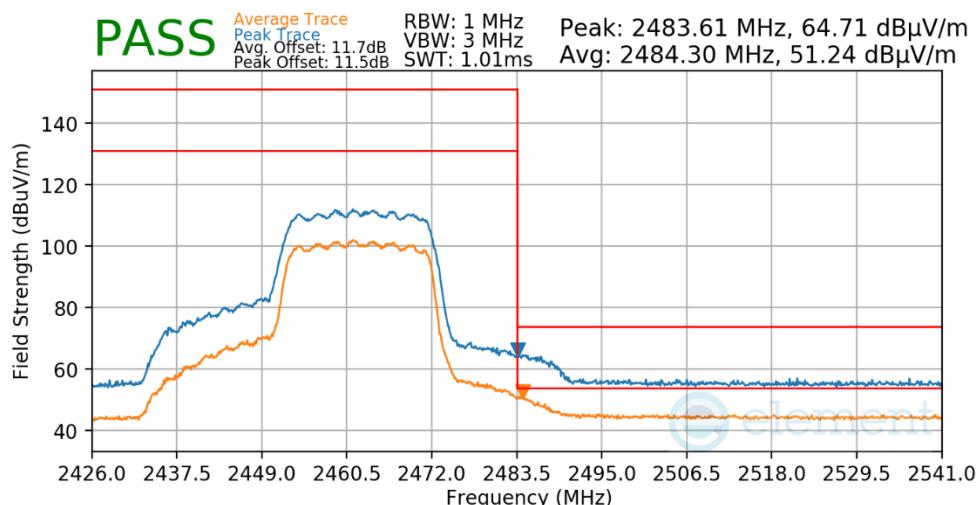
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 428 of 444

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



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

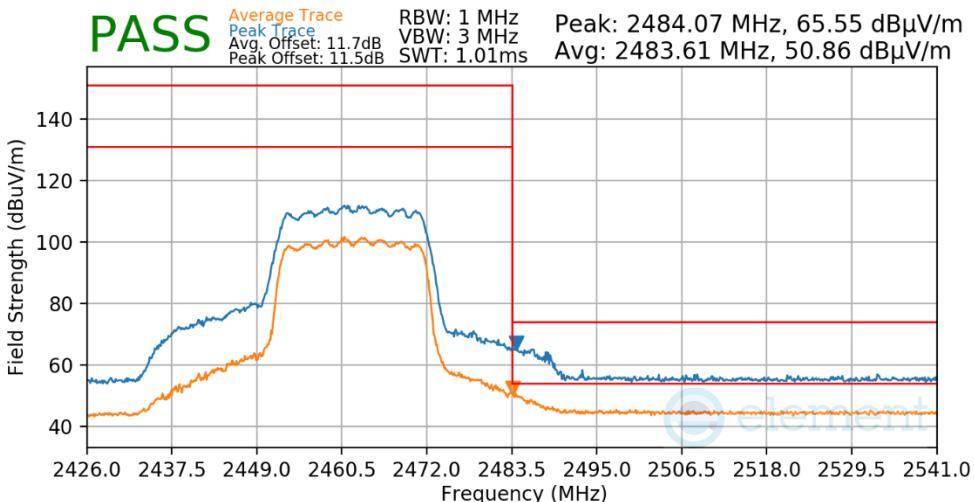
Mode: 802.11ax - SU  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11



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

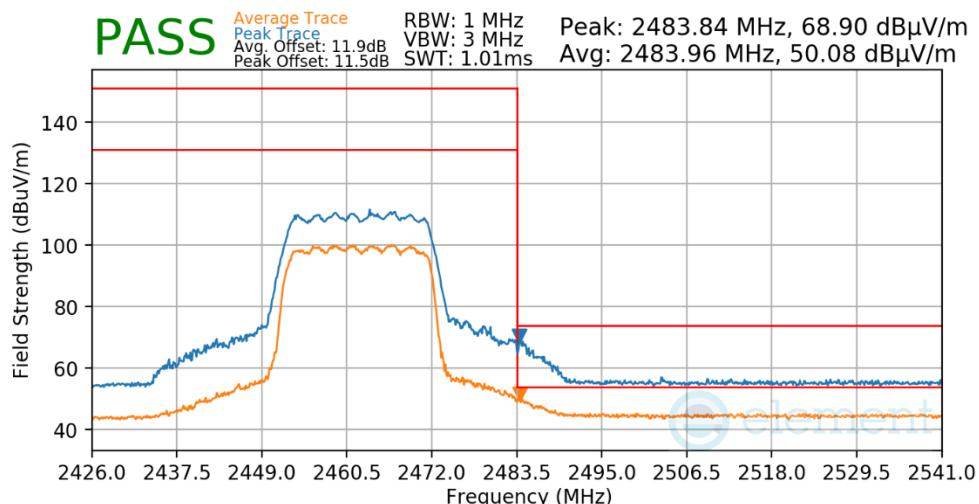
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 429 of 444

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



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

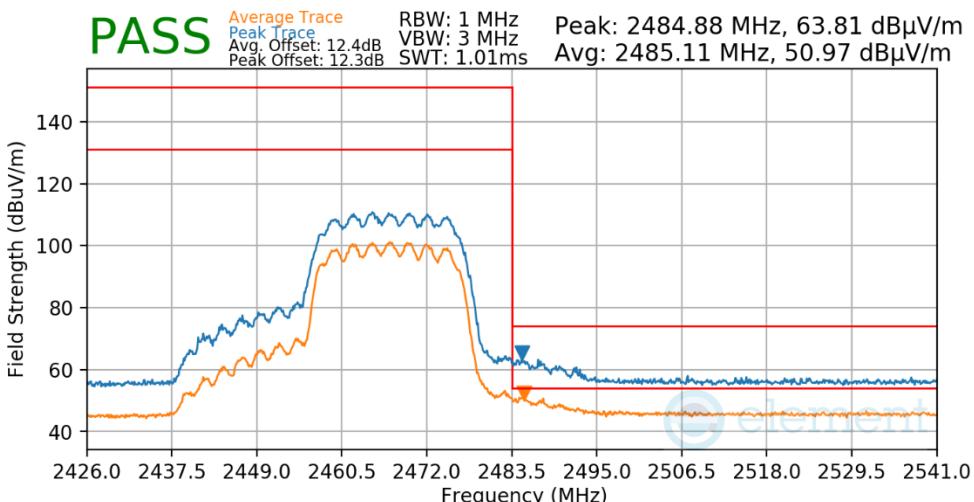
Mode: 802.11ax - SU  
 Data Rate: MCS5  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11



**Plot 7-730. Radiated Restricted Upper Band Edge Measurement CDD**

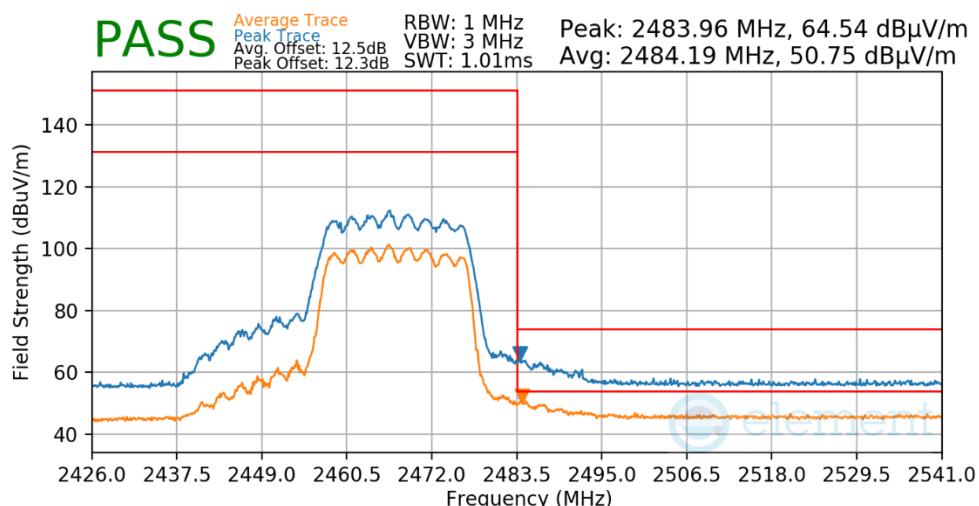
FCC ID: BCGA2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
IC: 579C-A2436	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 430 of 444

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



**Plot 7-731. Radiated Restricted Upper Band Edge Measurement CDD**

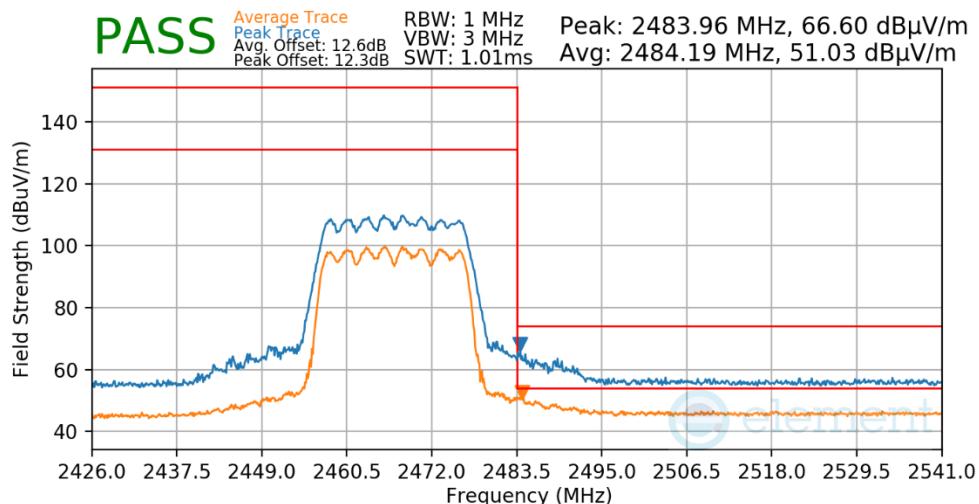
Mode: 802.11ax - SU  
 Data Rate: MCS3  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2467MHz  
 Channel: 12



**Plot 7-732. Radiated Restricted Upper Band Edge Measurement CDD**

FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 431 of 444

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



**Plot 7-733. Radiated Restricted Upper Band Edge Measurement CDD**

FCC ID: BCGA2436 IC: 579C-A2436	 <b>element</b> <b>MEASUREMENT REPORT</b> <b>(CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 432 of 444

## 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 [ $\mu$ 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

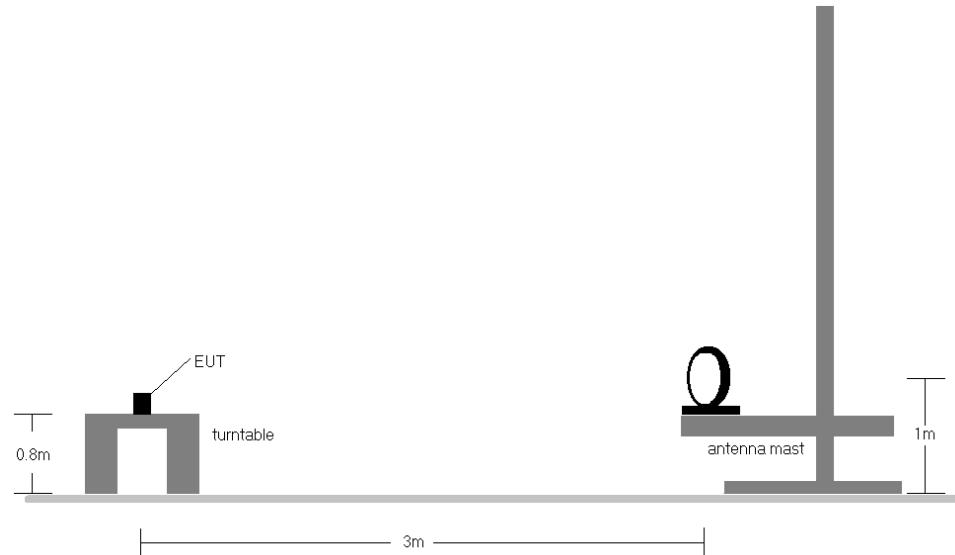
#### Peak Field Strength Measurements

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

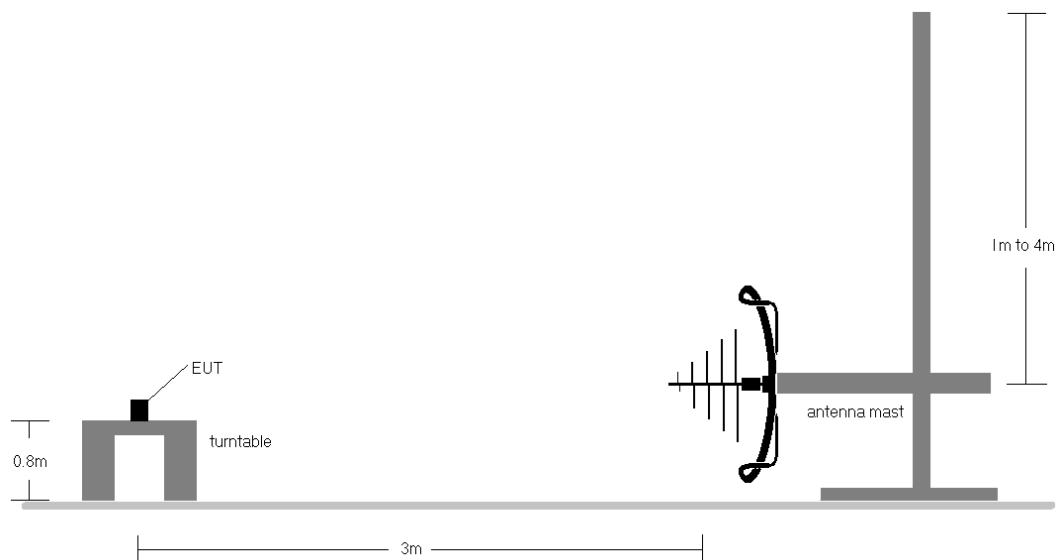
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 433 of 444

## 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**

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

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