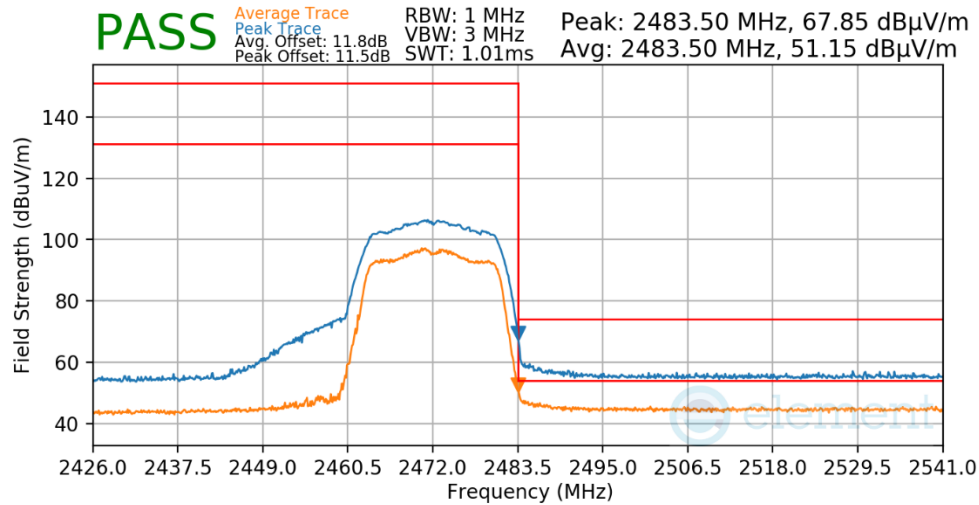
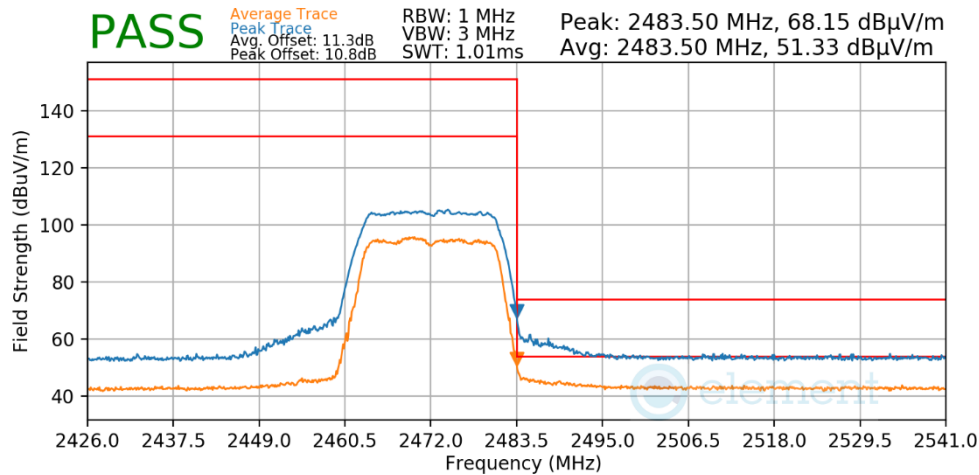


Mode: 802.11n
 Data Rate: MCS11
 Distance of Measurements: 3 Meters
 Operating Frequency: 2472MHz
 Channel: 13



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

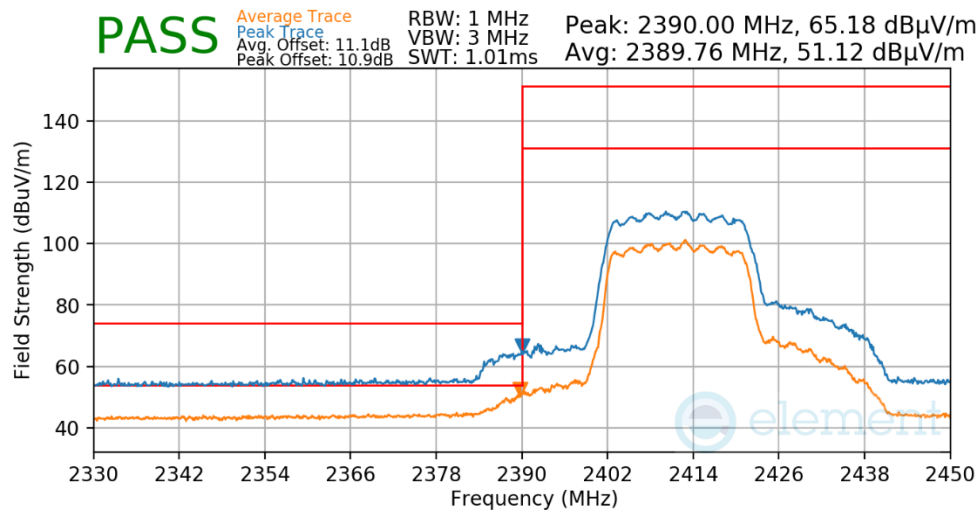
Mode: 802.11n
 Data Rate: MCS13
 Distance of Measurements: 3 Meters
 Operating Frequency: 2472MHz
 Channel: 13



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

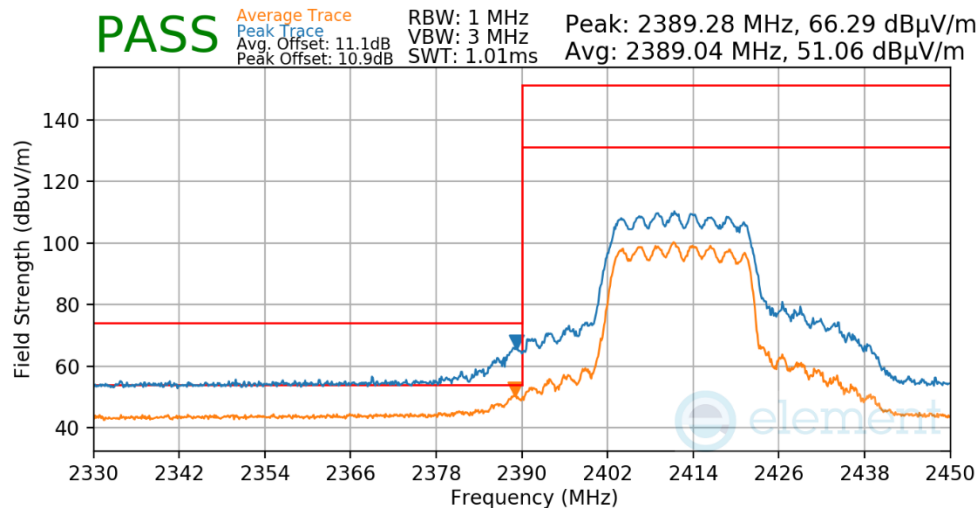
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 412 of 444

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

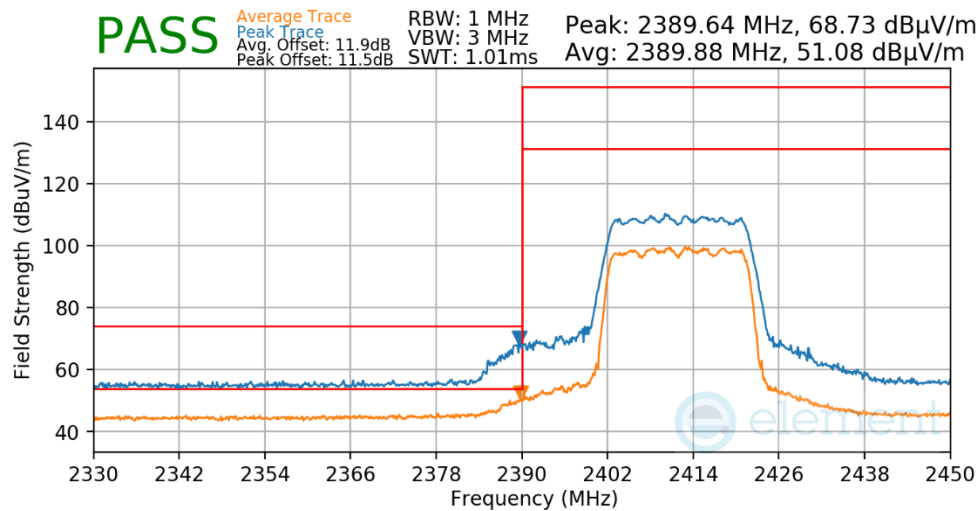
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 1



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

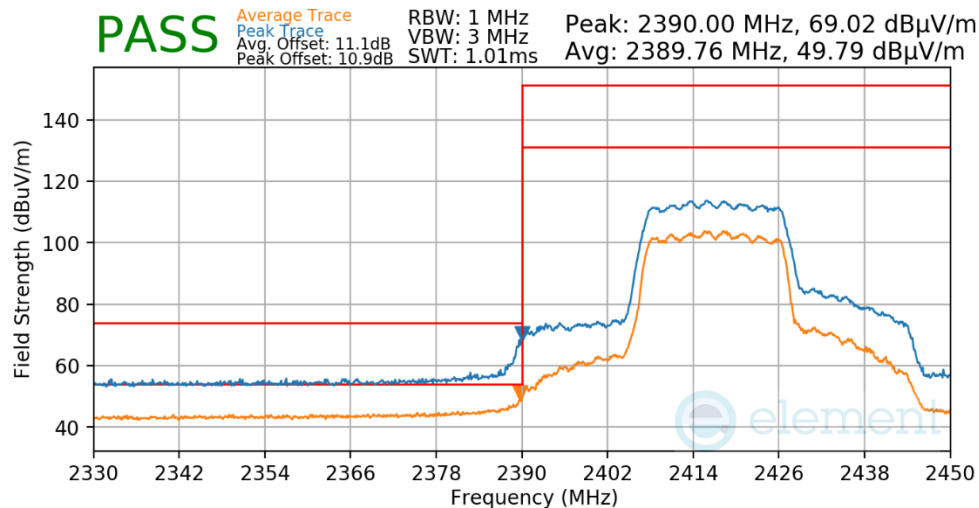
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 413 of 444

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

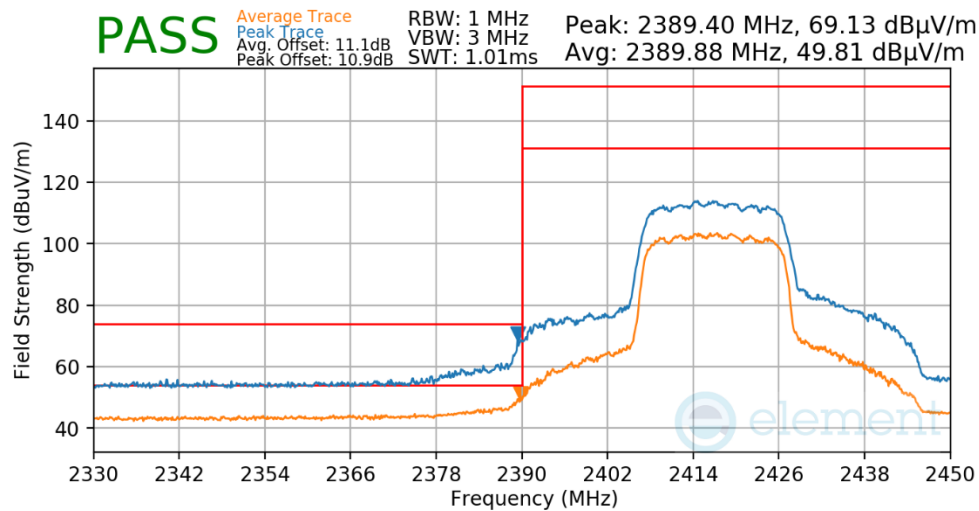
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2417MHz
 Channel: 2



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

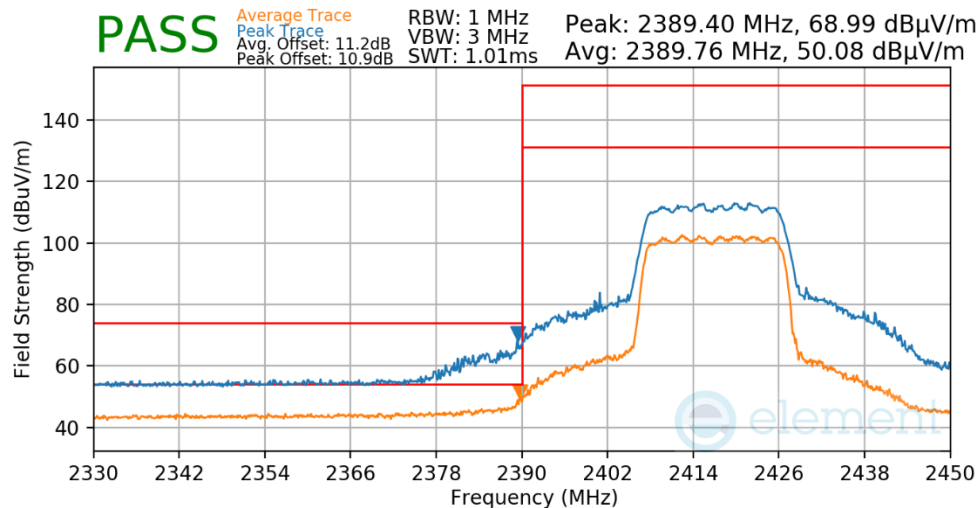
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 414 of 444

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

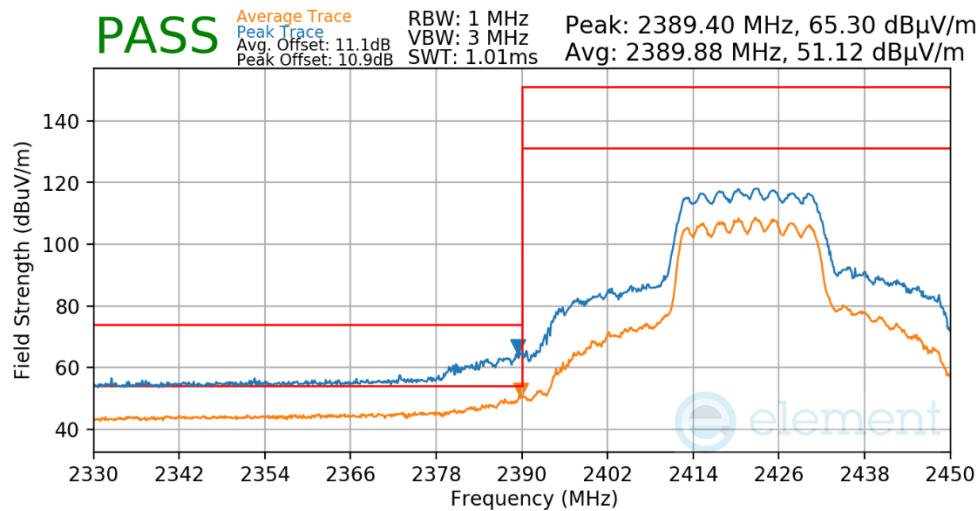


Plot 7-700. Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA2436 IC: 579C-A2436		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

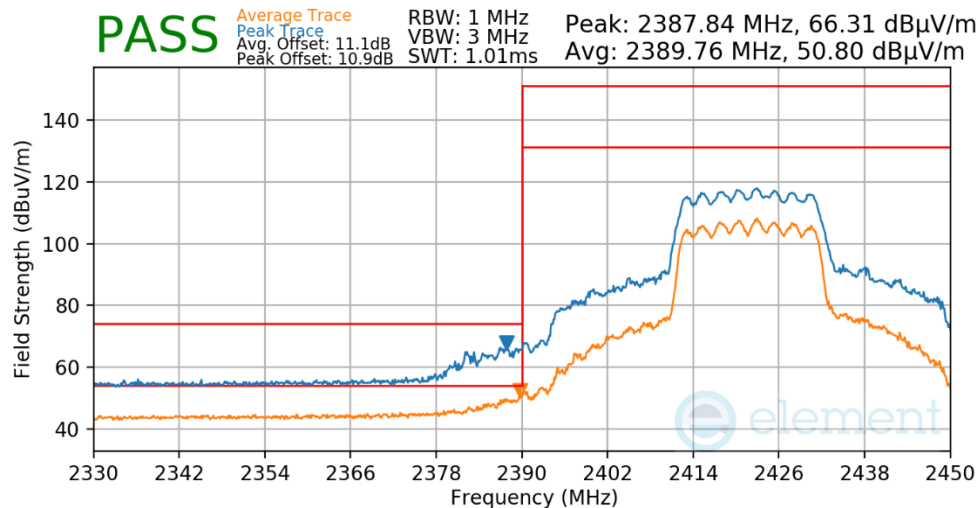
V 10.5 12/15/2021

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



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

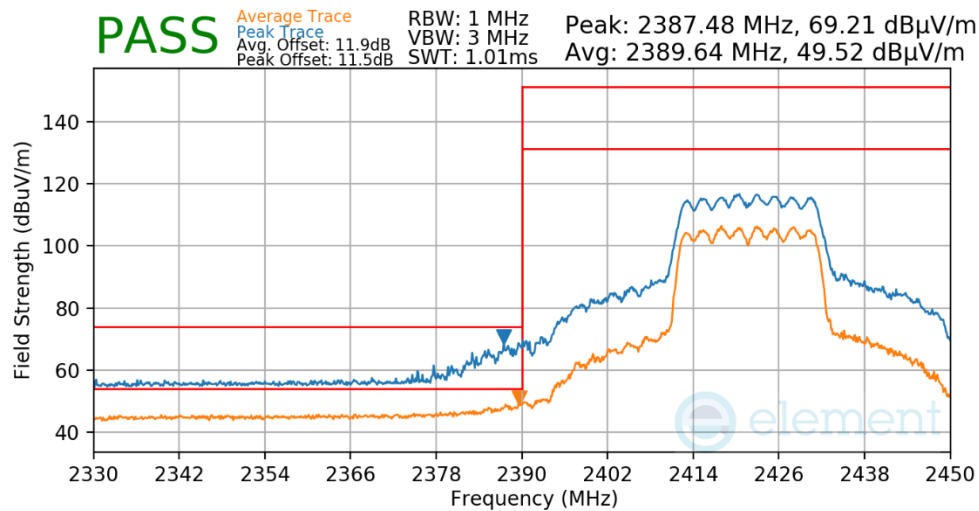
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2422MHz
 Channel: 3



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

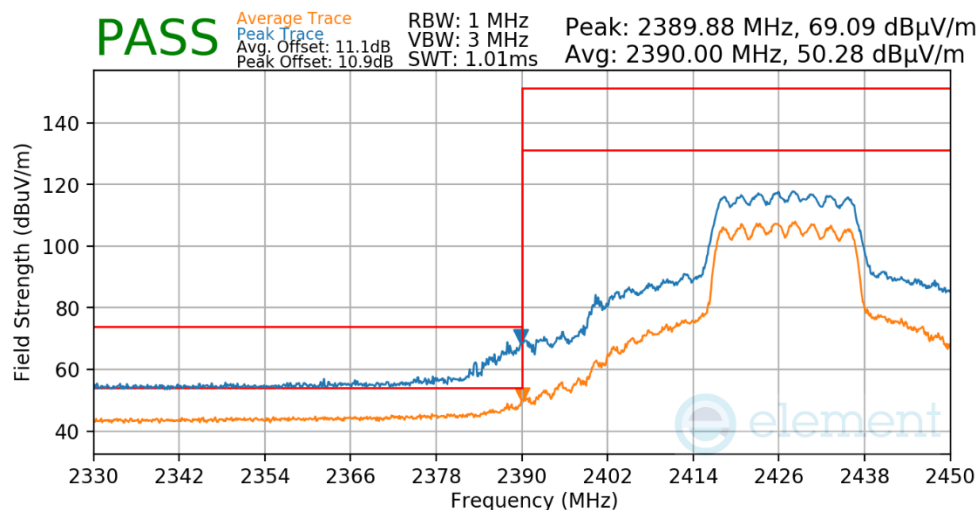
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 416 of 444

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

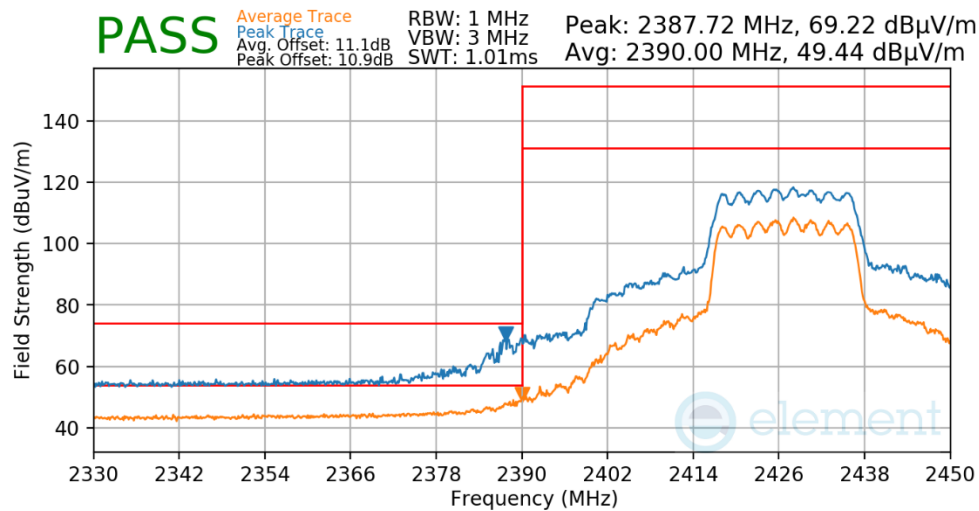
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2427MHz
 Channel: 4



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

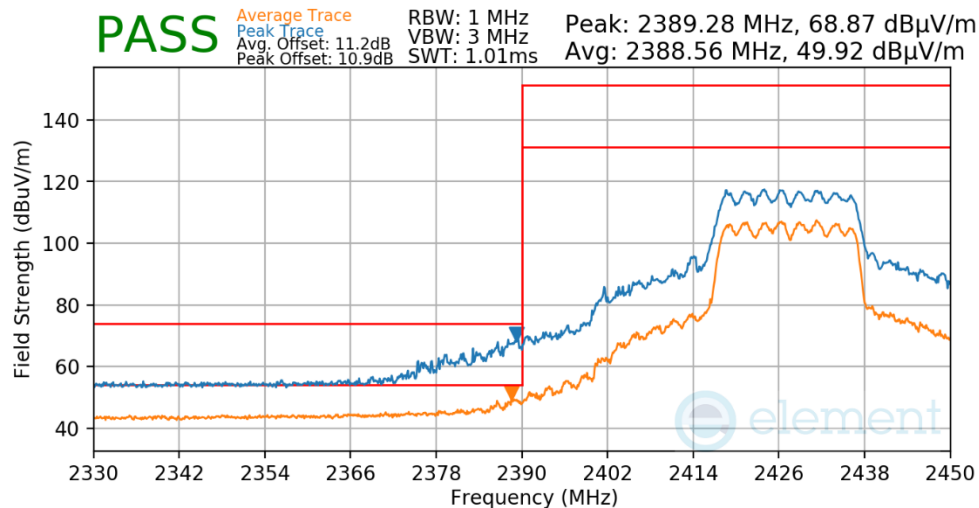
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 417 of 444

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

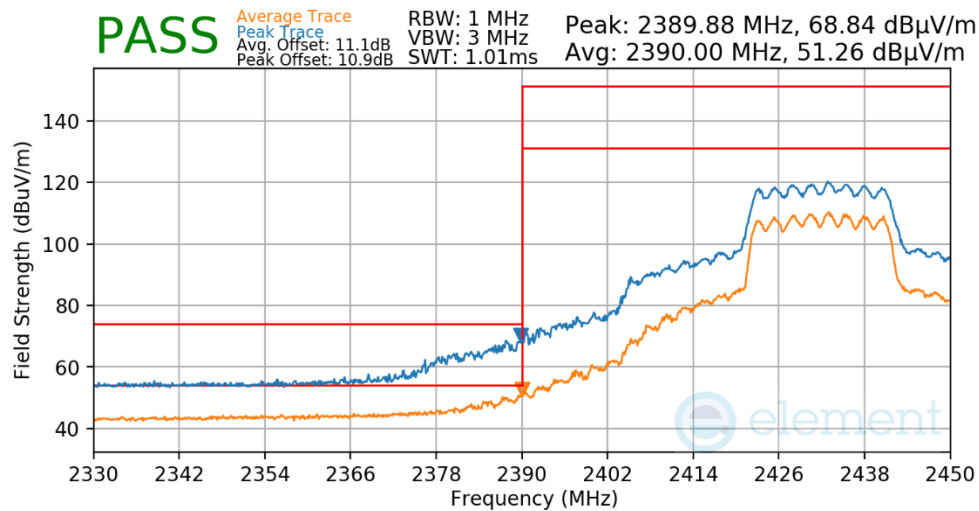
Mode: 802.11ax - SU
Data Rate: MCS5
Distance of Measurements: 3 Meters
Operating Frequency: 2427MHz
Channel: 4



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

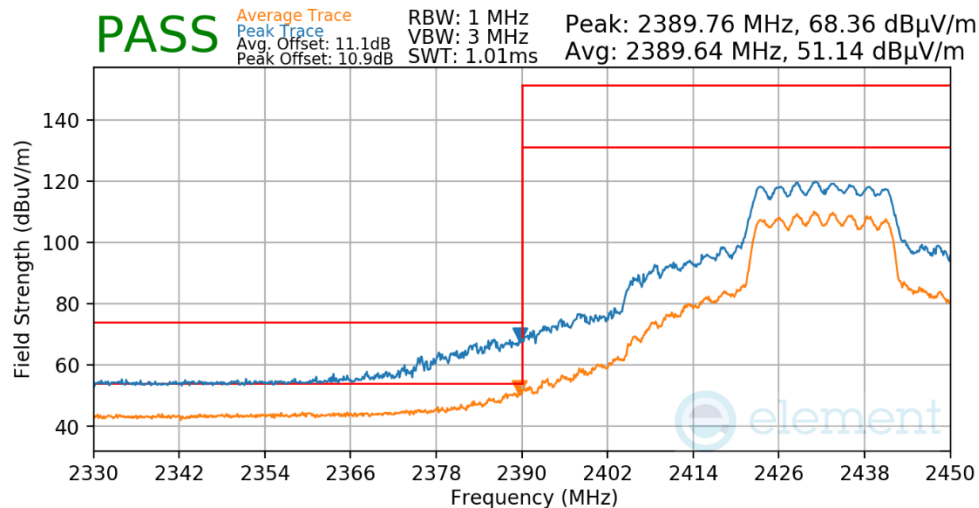
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 418 of 444

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

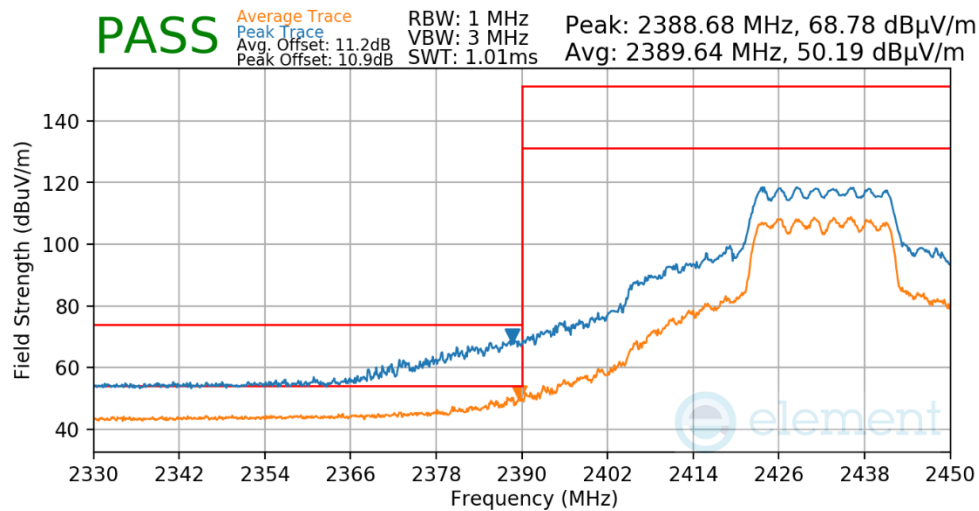
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2432MHz
 Channel: 5



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

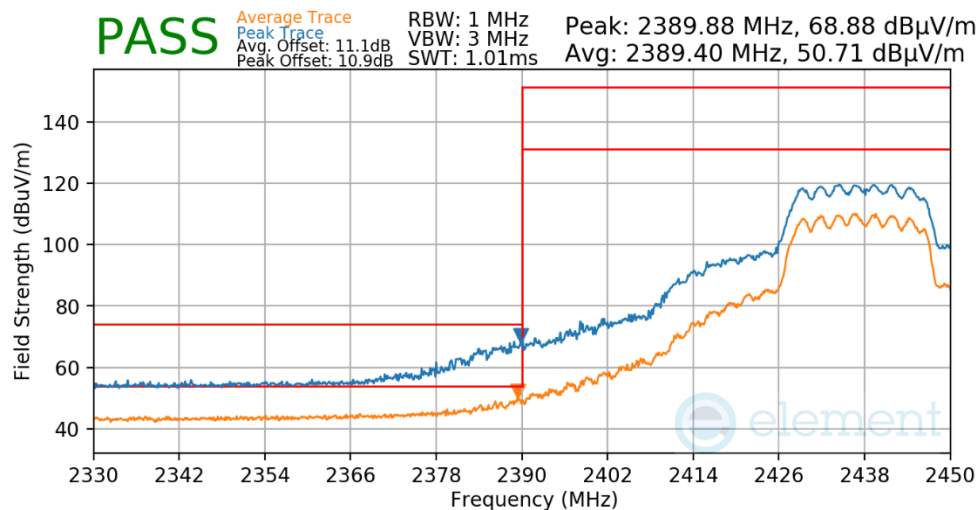
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 419 of 444

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

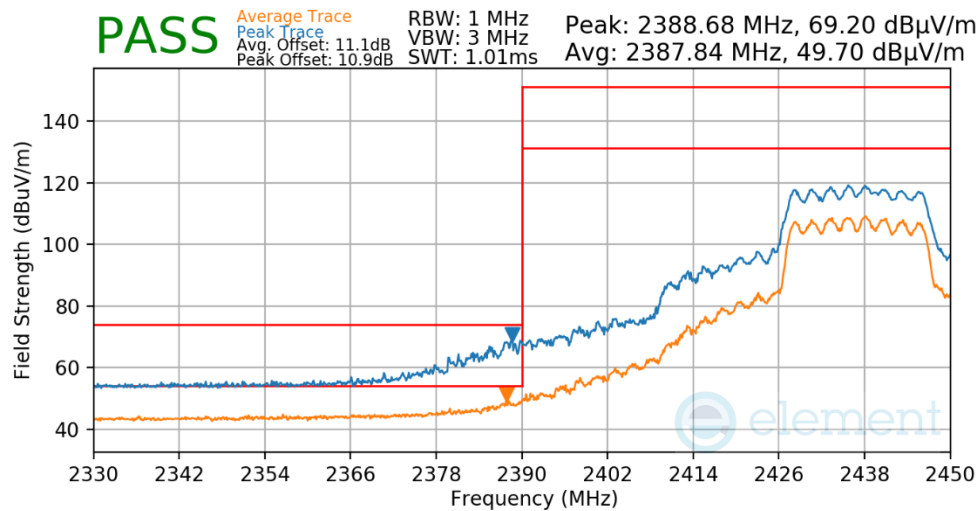
Mode: 802.11ax - SU
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 6



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

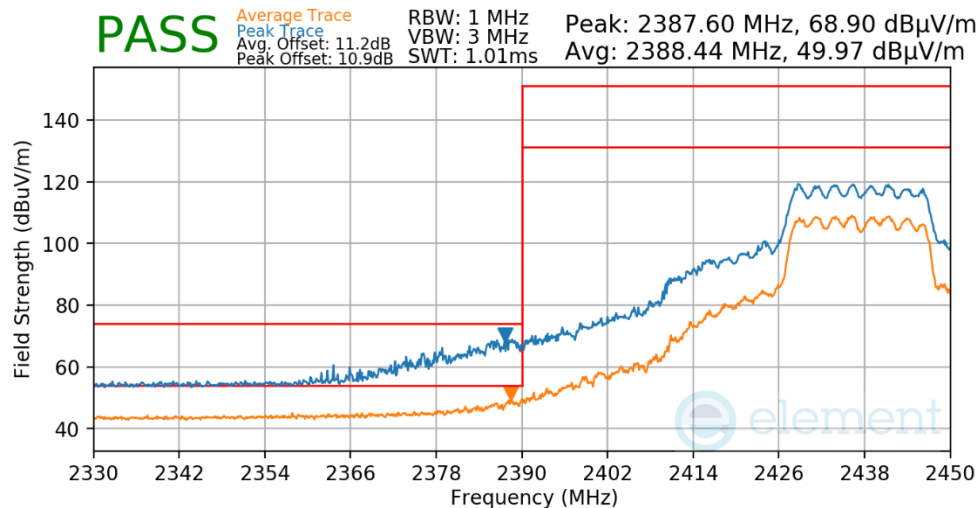
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 420 of 444

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

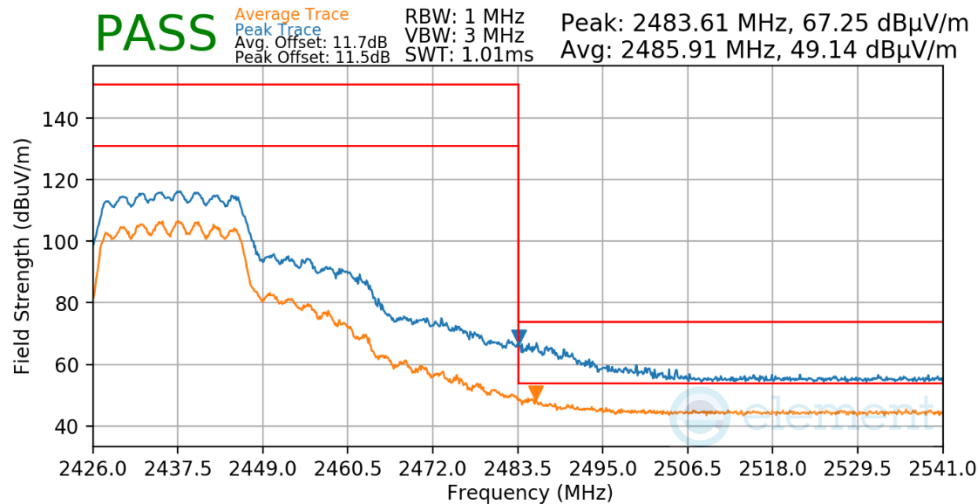


Plot 7-712. Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA2436 IC: 579C-A2436		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 421 of 444

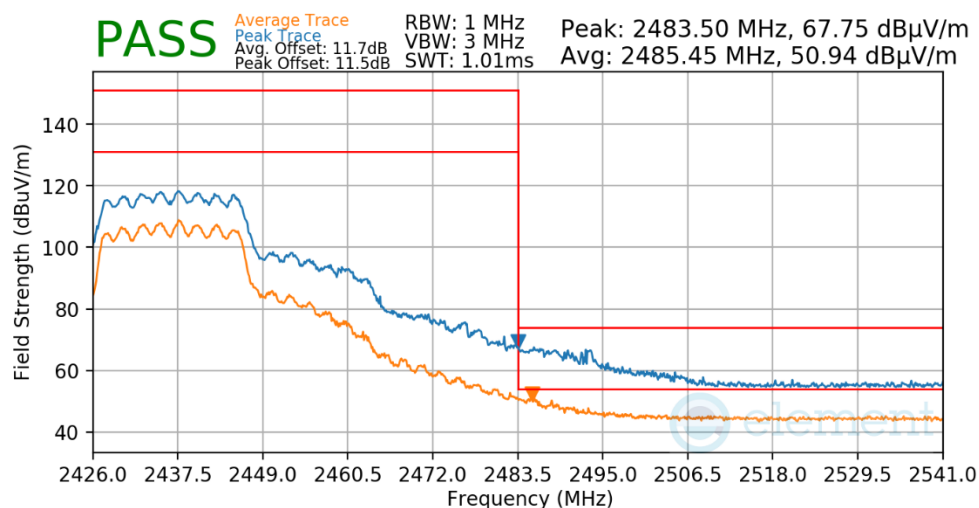
V 10.5 12/15/2021

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



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

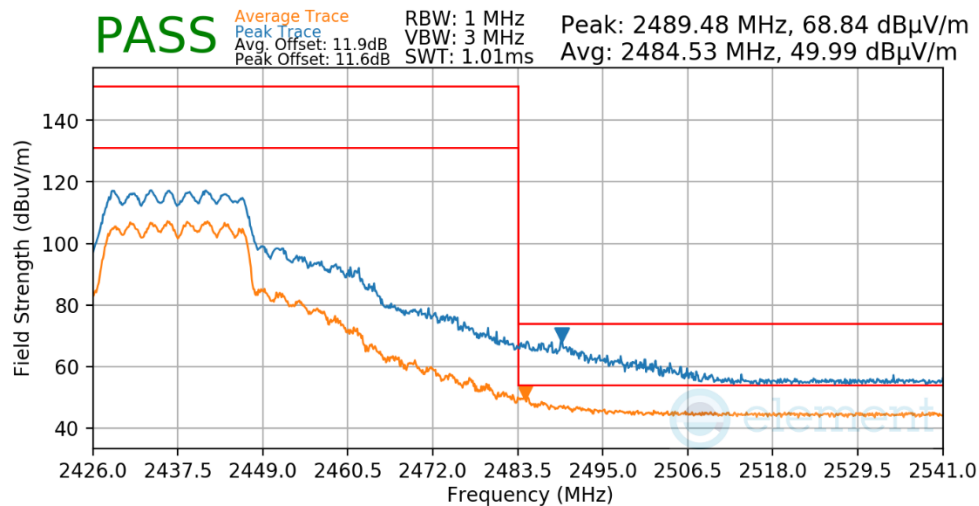
Mode: 802.11ax - SU
Data Rate: MCS3
Distance of Measurements: 3 Meters
Operating Frequency: 2437MHz
Channel: 6



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

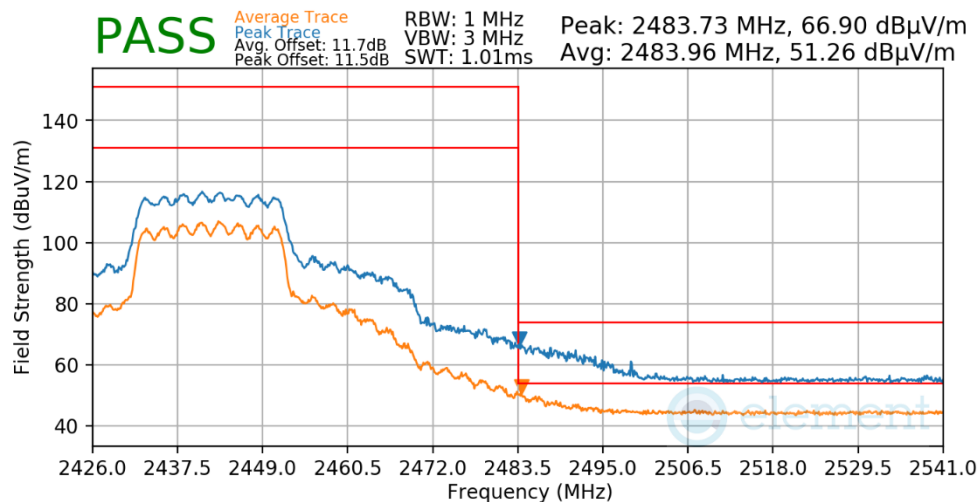
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 422 of 444

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

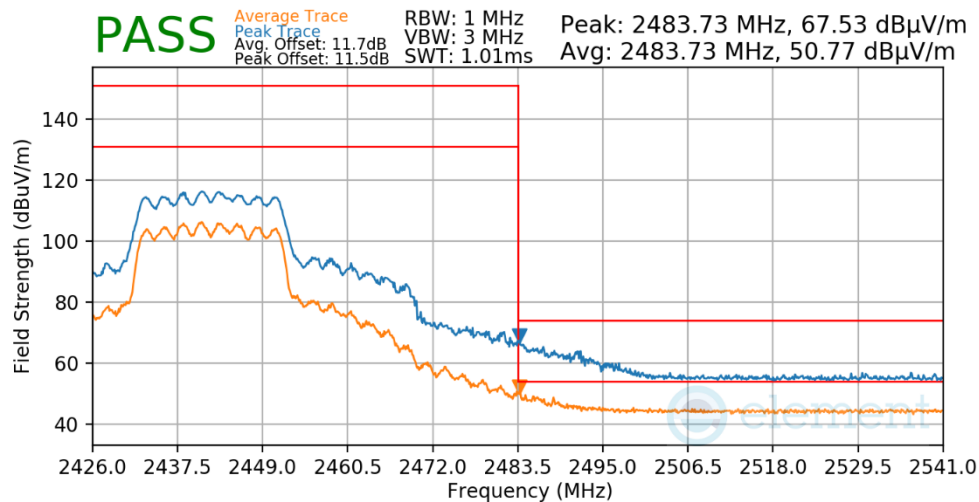
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7



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

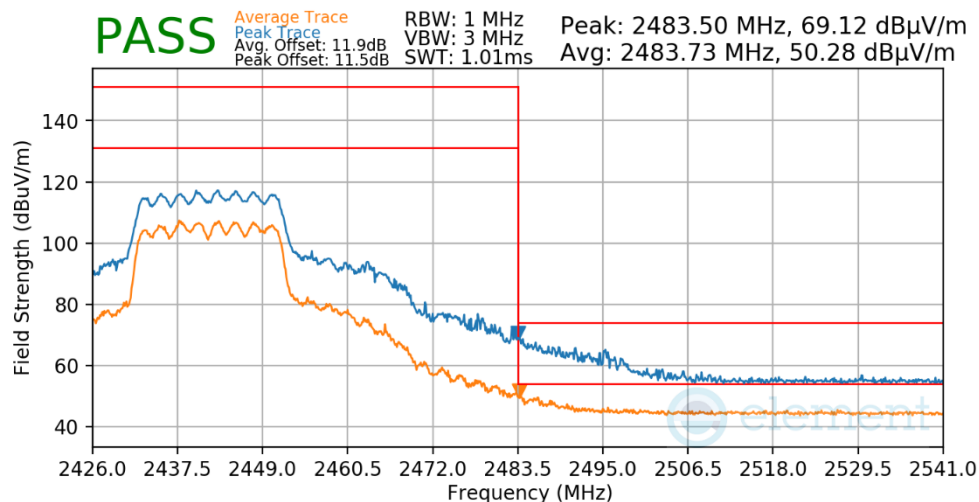
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 423 of 444

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



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

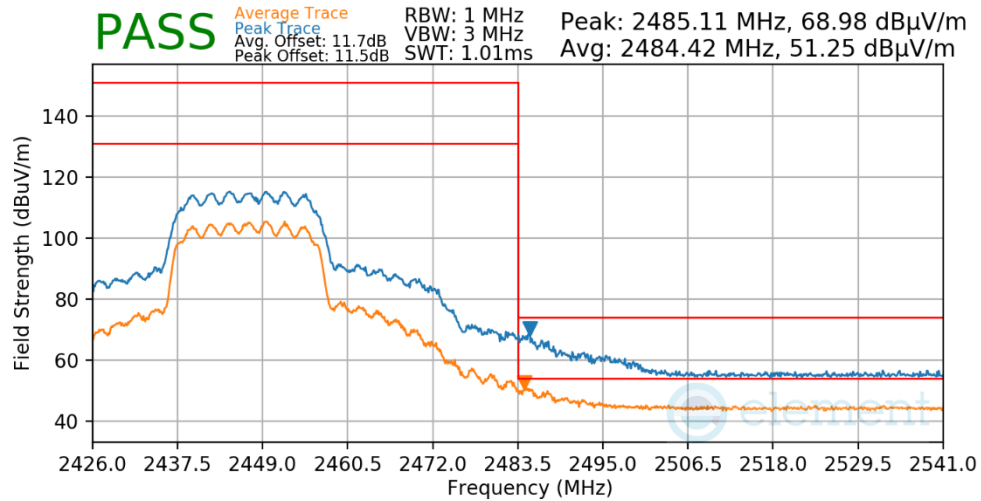
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7



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

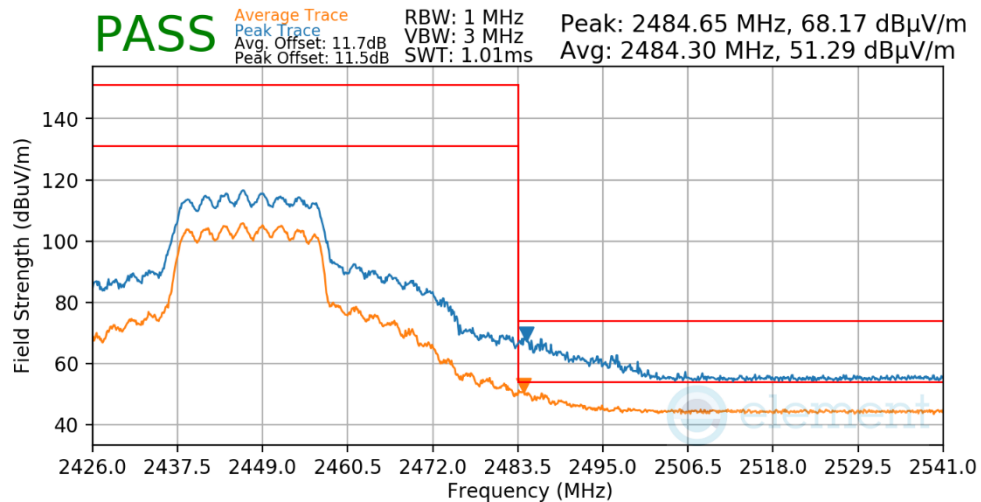
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 424 of 444

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



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

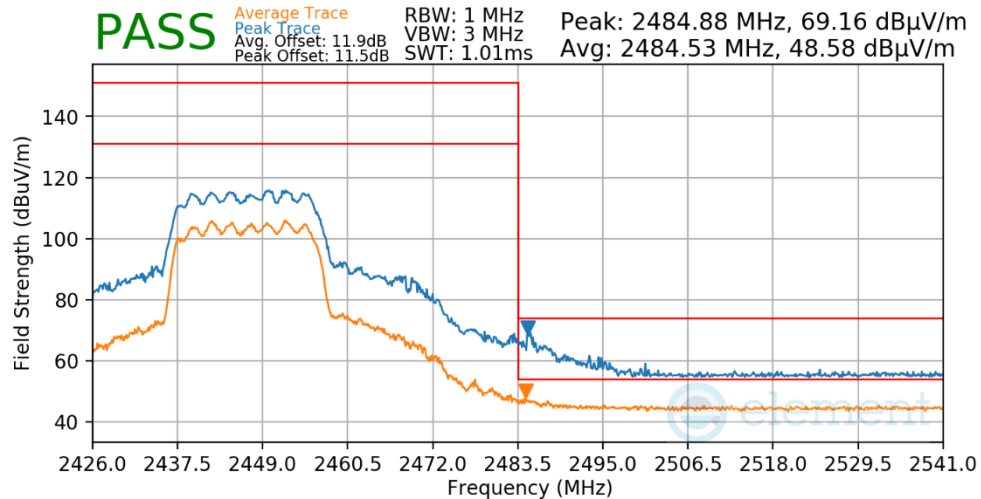
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2447MHz
 Channel: 8



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

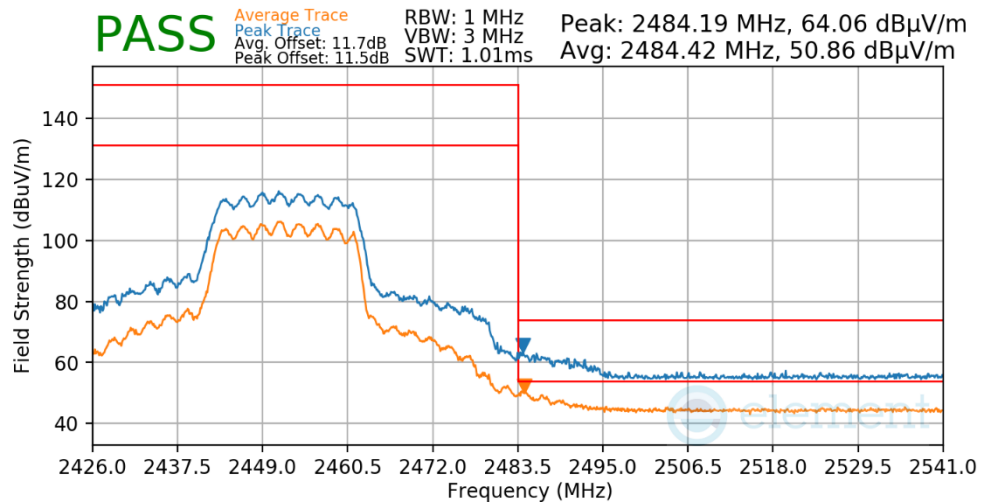
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 425 of 444

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

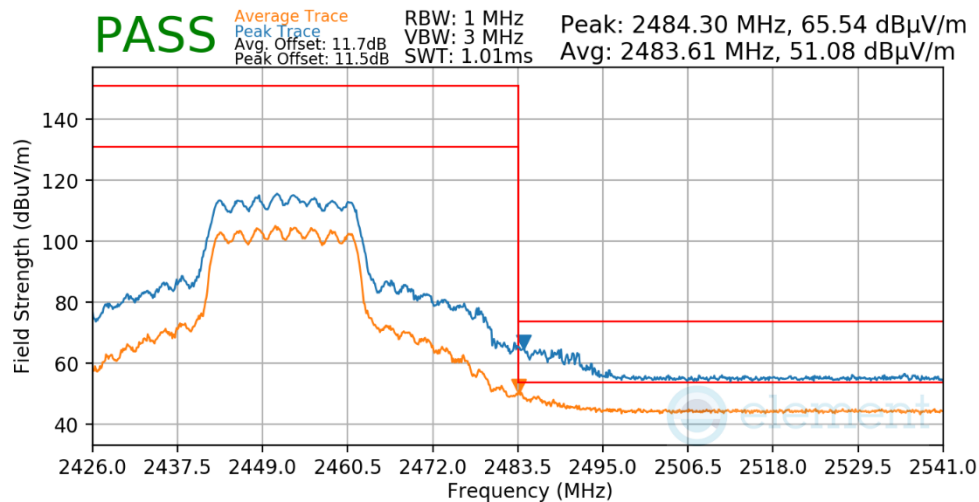
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2452MHz
 Channel: 9



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

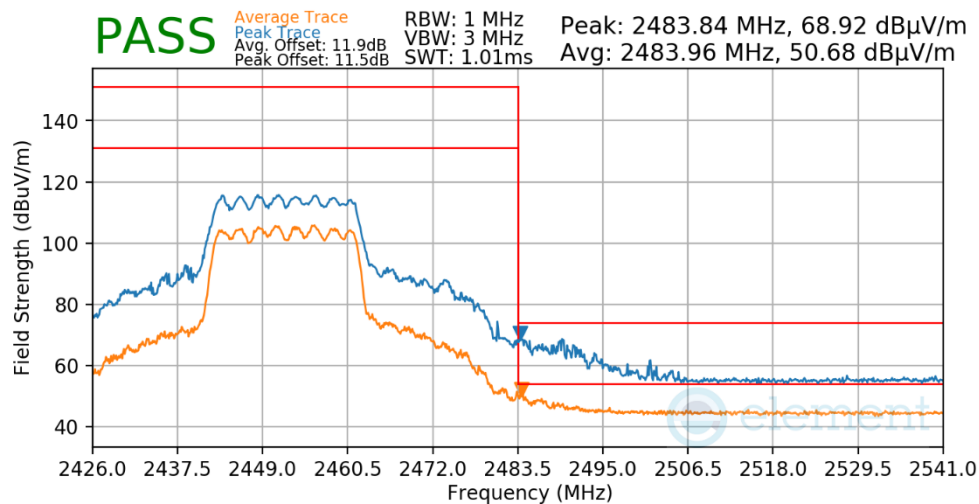
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 426 of 444

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

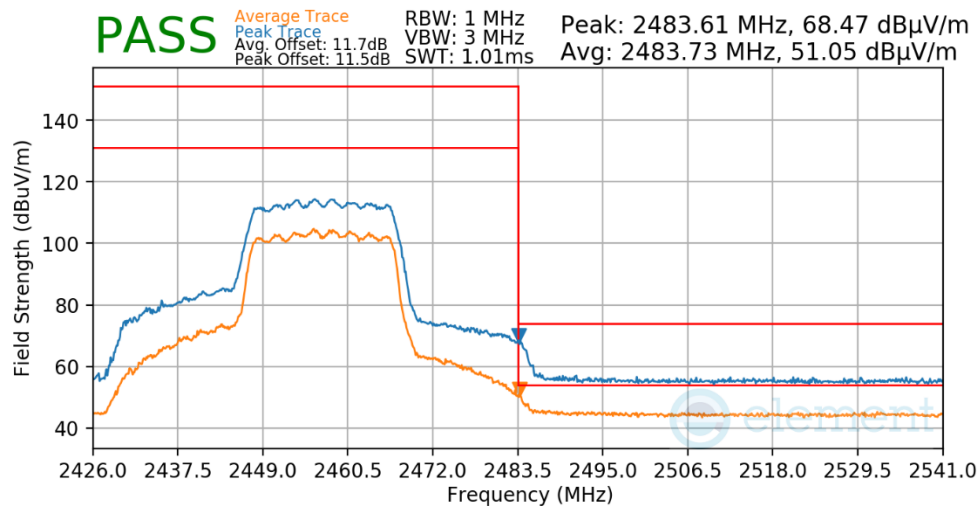
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2452MHz
 Channel: 9



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

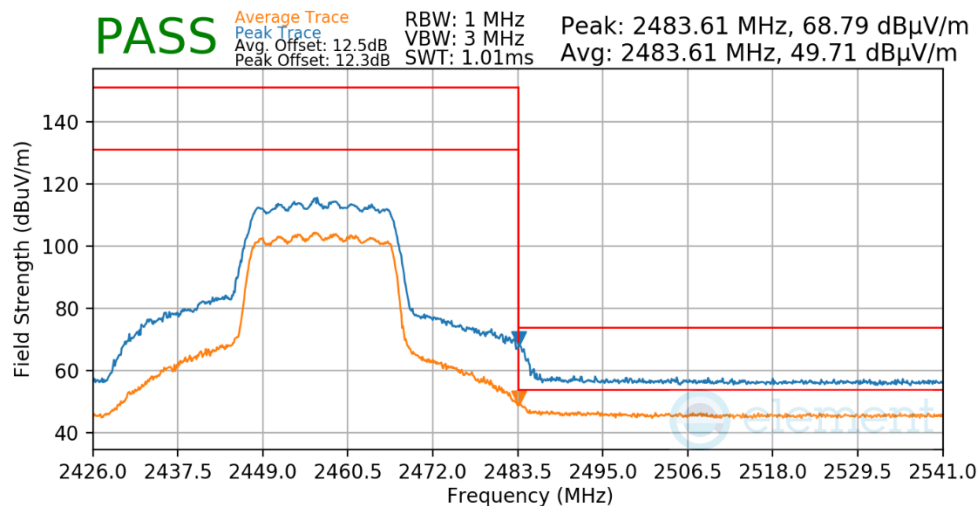
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 427 of 444

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

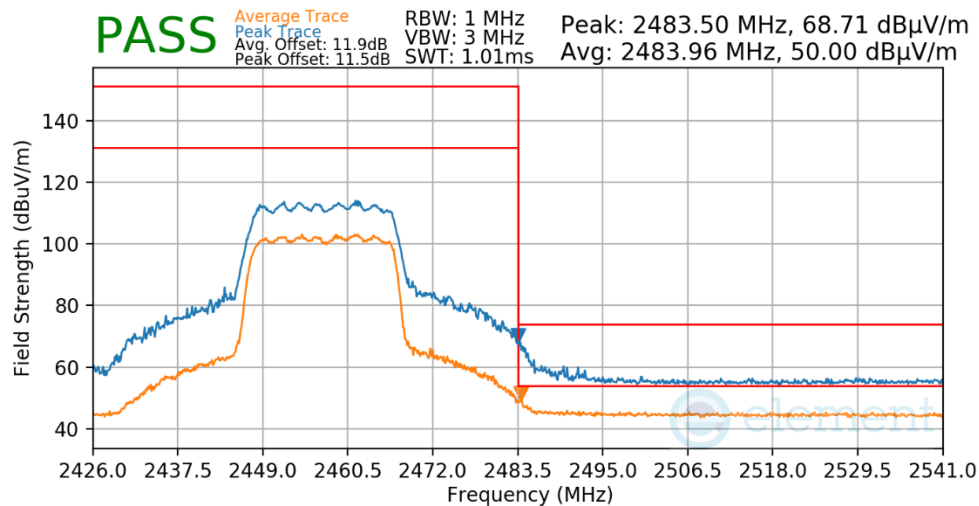
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2457MHz
 Channel: 10



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

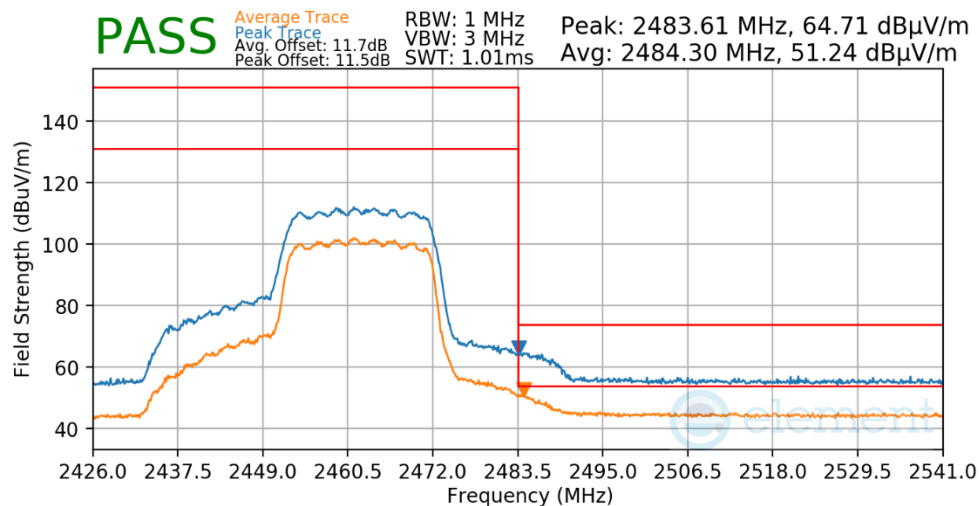
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 428 of 444

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

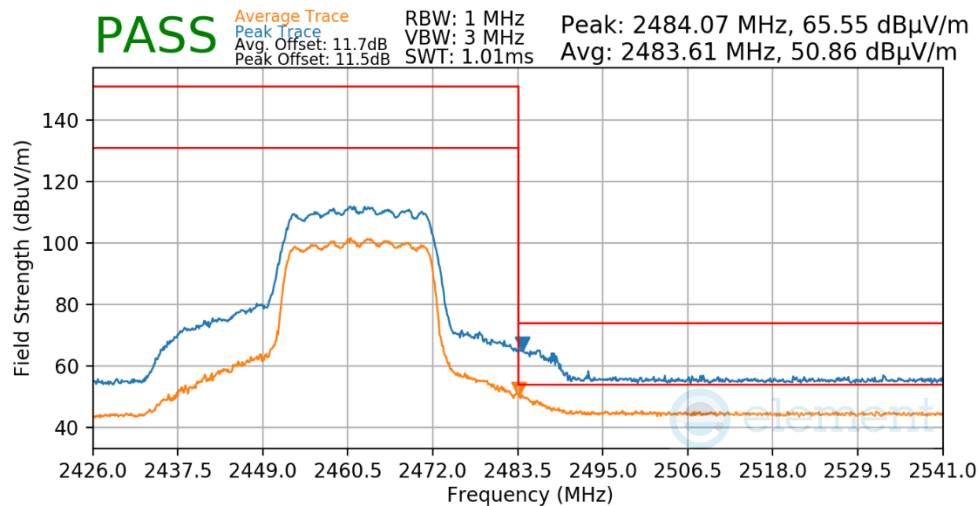
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11



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

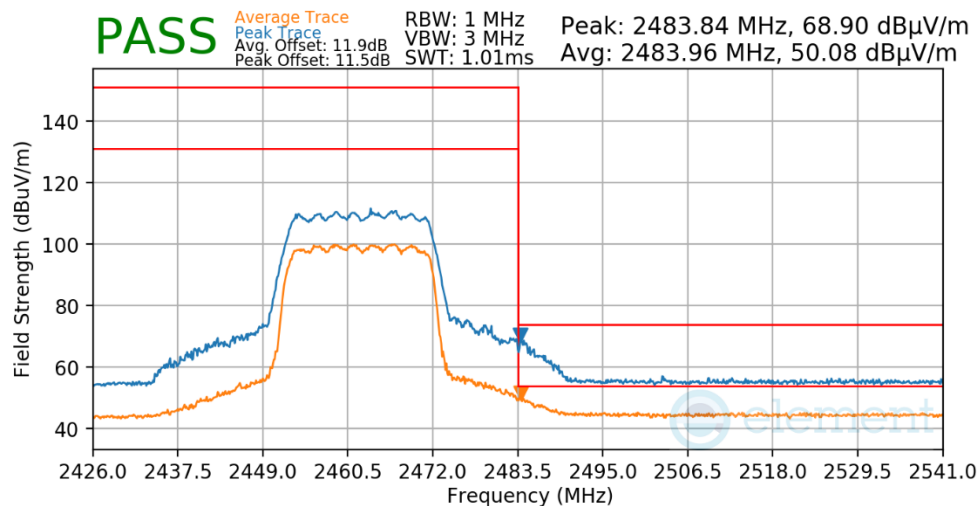
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 429 of 444

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

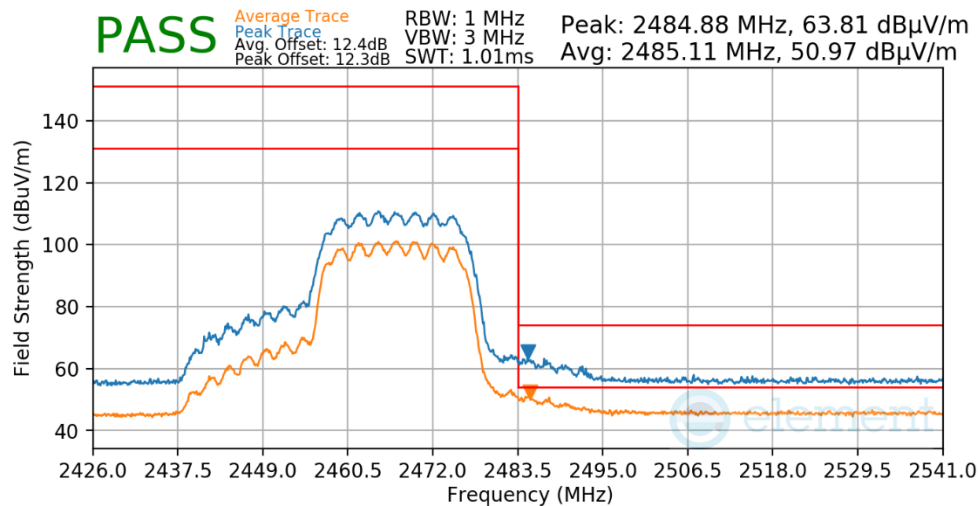
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11



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

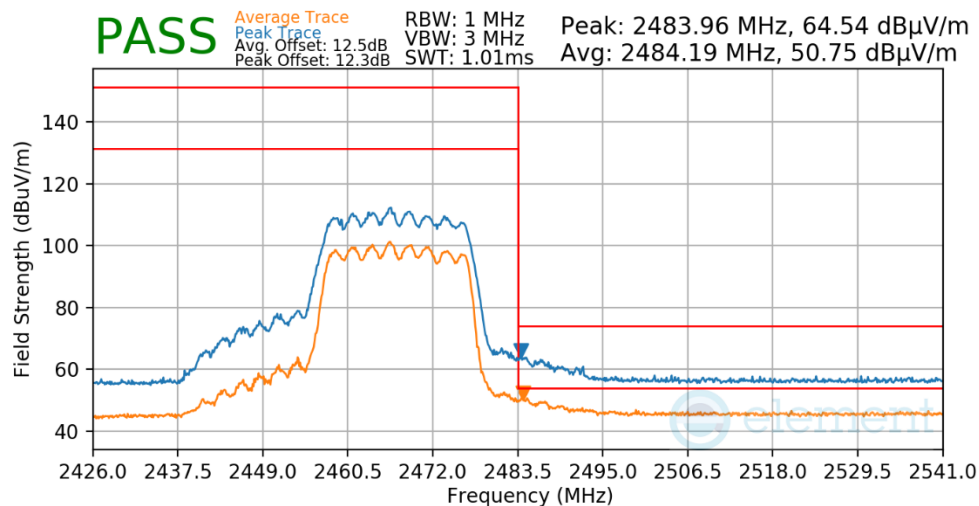
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-01.BCG	Test Dates: 05/30/2022 - 09/26/2022	EUT Type: Tablet Device	Page 430 of 444

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

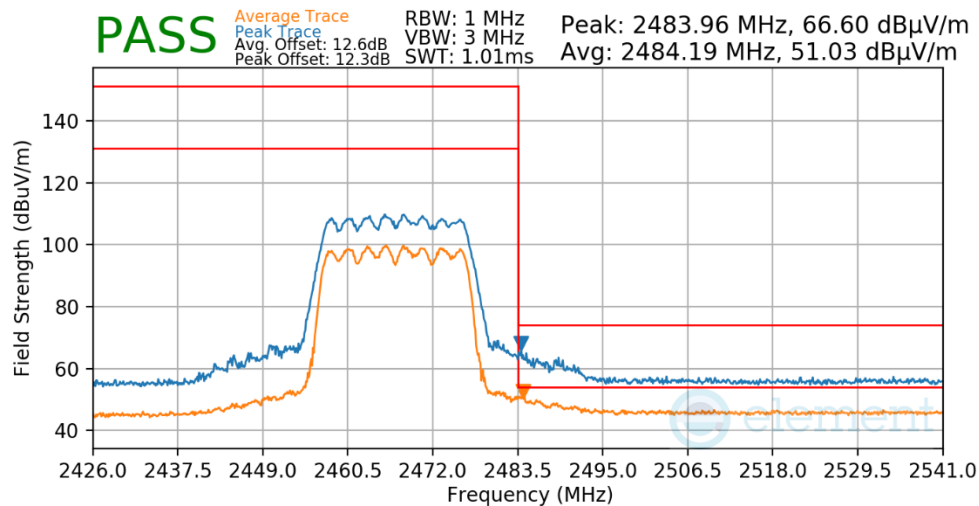
Mode: 802.11ax - SU
 Data Rate: MCS3
 Distance of Measurements: 3 Meters
 Operating Frequency: 2467MHz
 Channel: 12



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

FCC ID: BCGA2436 IC: 579C-A2436		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	 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 432 of 444

V 10.5 12/15/2021

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: 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 433 of 444

V 10.5 12/15/2021

Test Setup

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

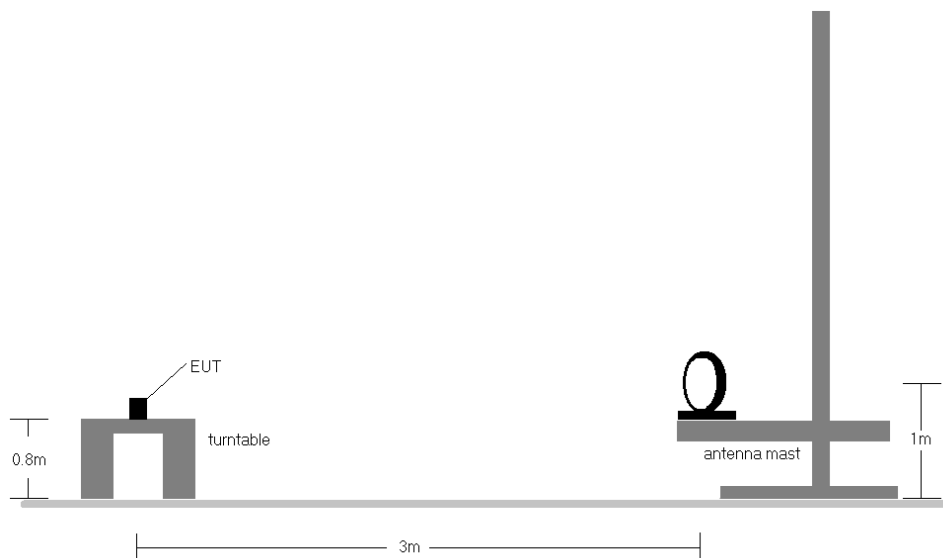


Figure 7-7. Radiated Test Setup < 30Mhz

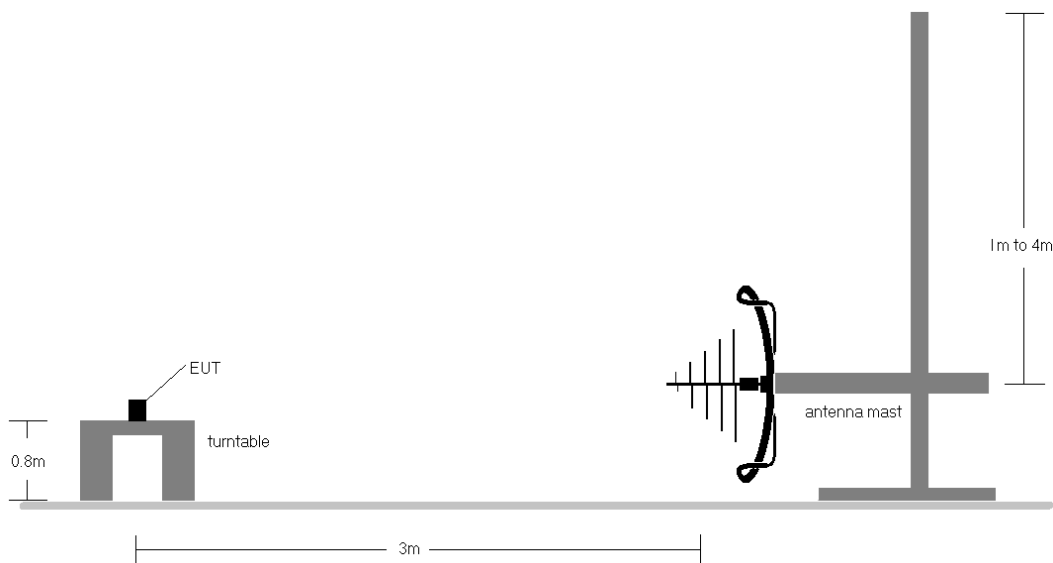


Figure 7-8. Radiated Test Setup < 1GHz

FCC ID: 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 434 of 444

V 10.5 12/15/2021

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

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 435 of 444

V 10.5 12/15/2021