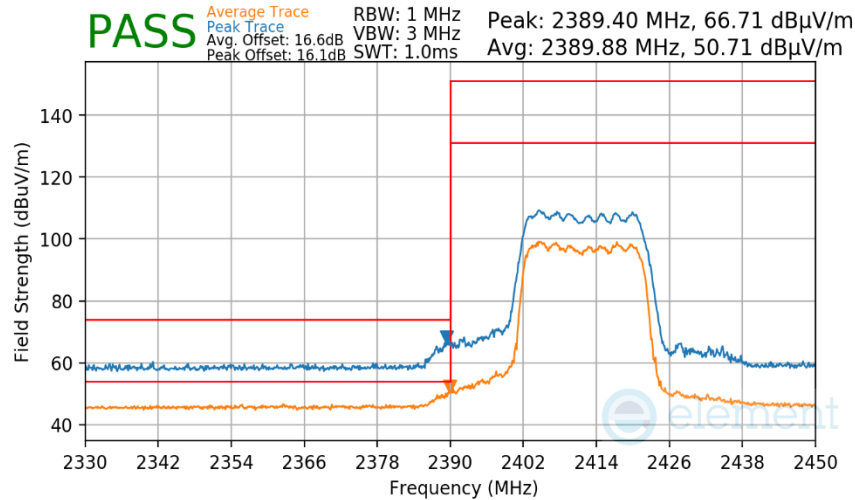
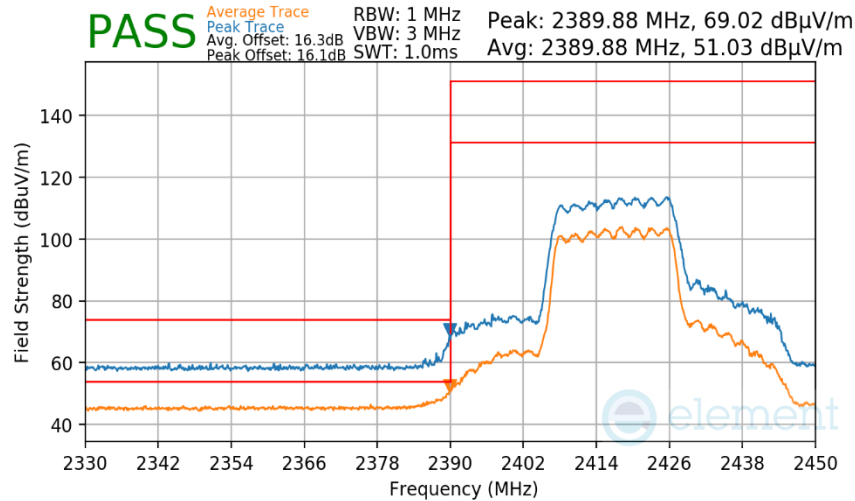


**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2412MHz  
**Channel** 1



Plot 7-675 Radiated Restricted Lower Band Edge Measurement CDD

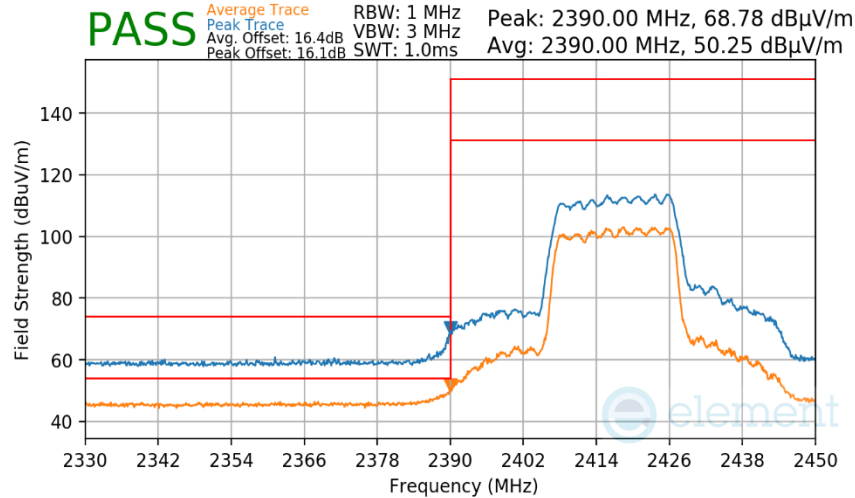
**Mode** 802.11ax-SU  
**Data Rate** MCS2  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2417MHz  
**Channel** 2



Plot 7-676 Radiated Restricted Lower Band Edge Measurement CDD

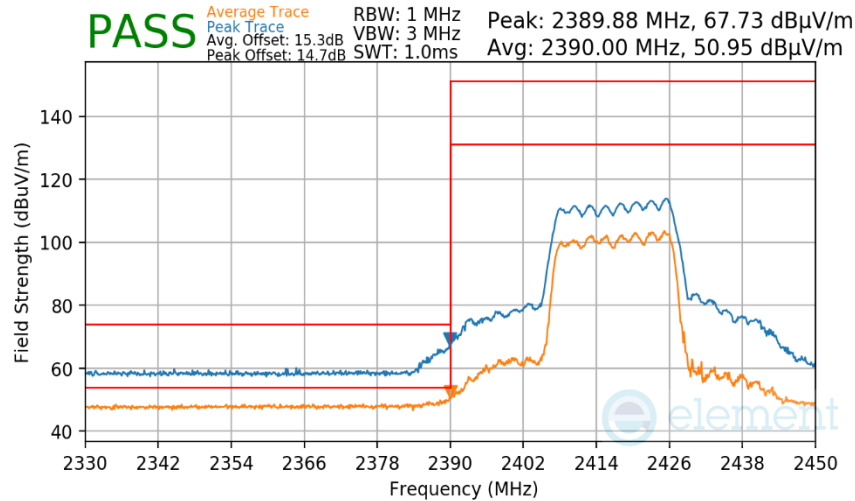
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 400 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2417MHz  
**Channel** 2



Plot 7-677 Radiated Restricted Lower Band Edge Measurement CDD

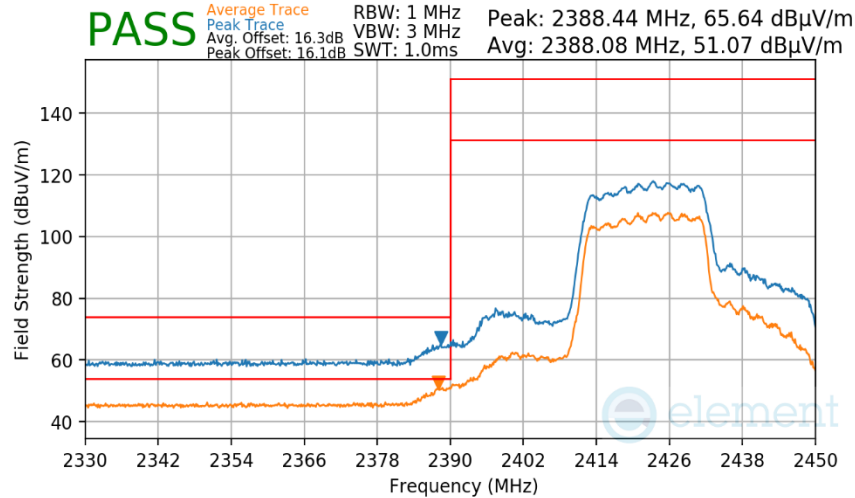
**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2417MHz  
**Channel** 2



Plot 7-678 Radiated Restricted Lower Band Edge Measurement CDD

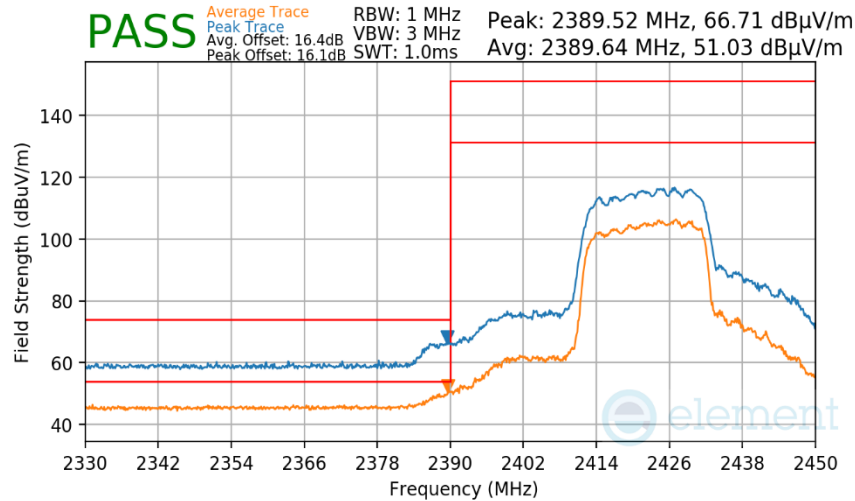
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 401 of 430

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



**Plot 7-679 Radiated Restricted Lower Band Edge Measurement CDD**

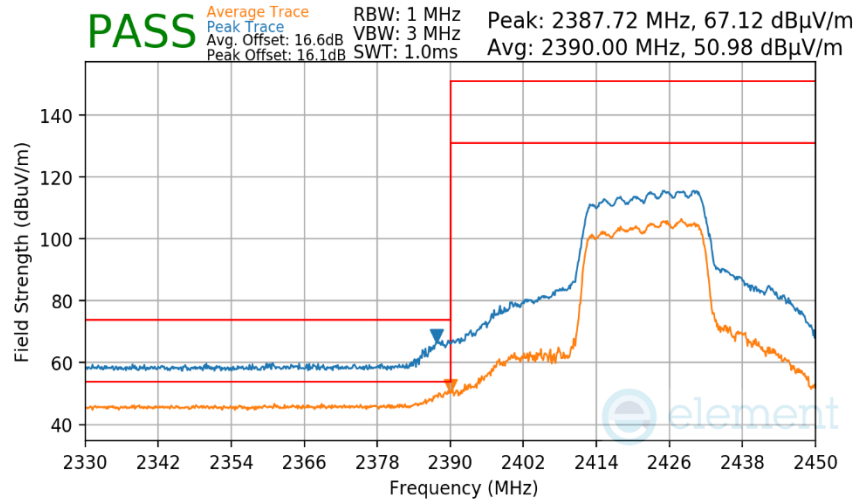
**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2422MHz  
**Channel** 3



**Plot 7-680 Radiated Restricted Lower Band Edge Measurement CDD**

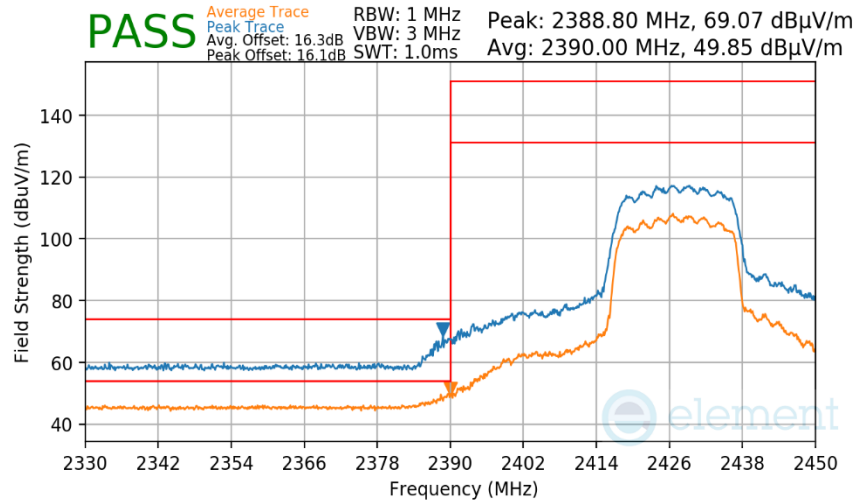
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 402 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2422MHz  
**Channel** 3



Plot 7-681 Radiated Restricted Lower Band Edge Measurement CDD

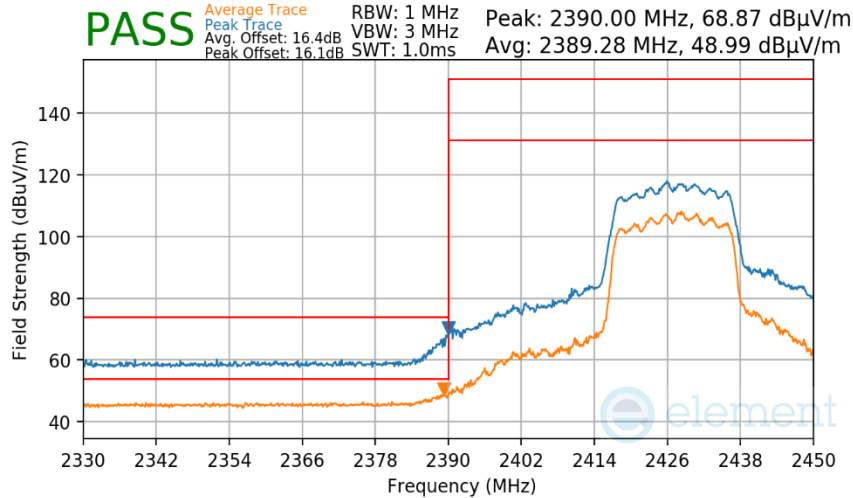
**Mode** 802.11ax-SU  
**Data Rate** MCS2  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2427MHz  
**Channel** 4



Plot 7-682 Radiated Restricted Lower Band Edge Measurement CDD

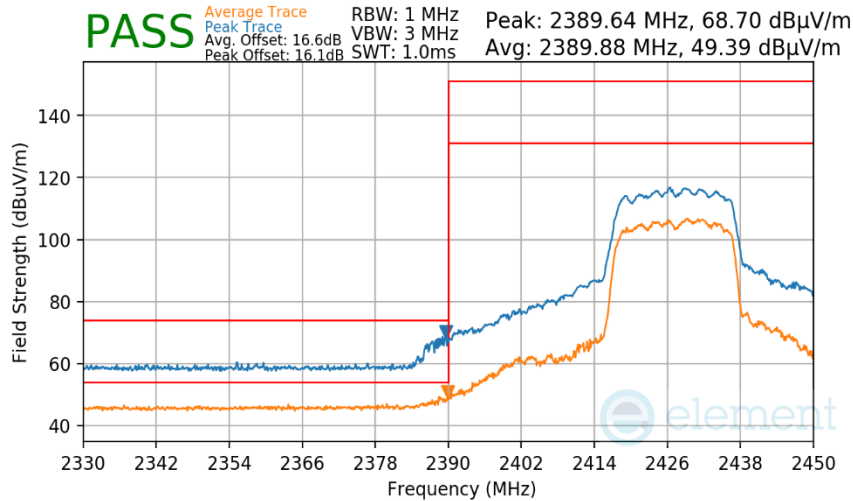
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 403 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2427MHz  
**Channel** 4



**Plot 7-683 Radiated Restricted Lower Band Edge Measurement CDD**

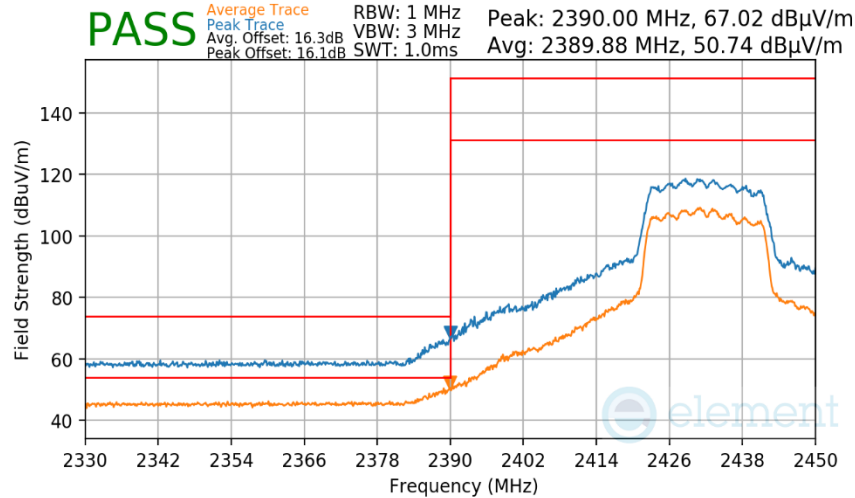
**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2427MHz  
**Channel** 4



**Plot 7-684 Radiated Restricted Lower Band Edge Measurement CDD**

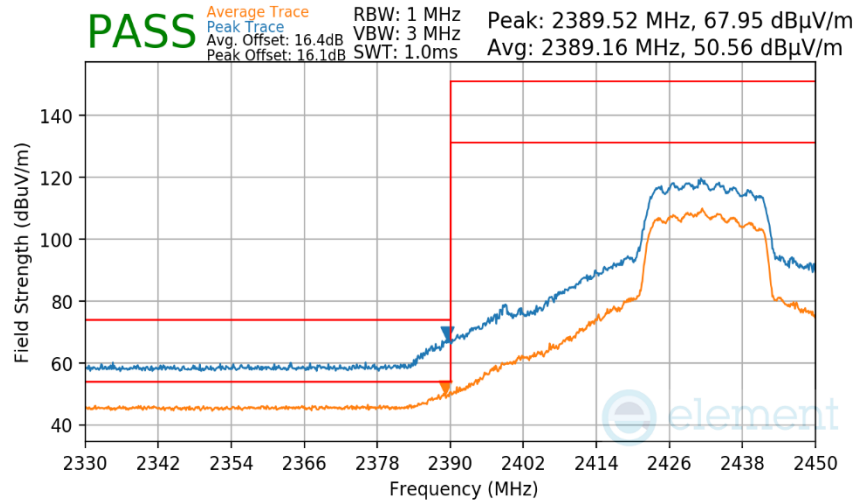
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 404 of 430

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



**Plot 7-685 Radiated Restricted Lower Band Edge Measurement CDD**

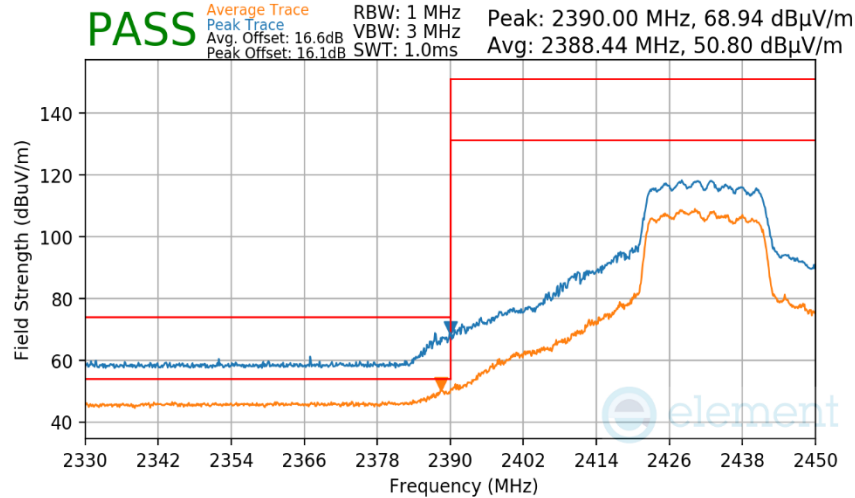
**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2432MHz  
**Channel** 5



**Plot 7-686 Radiated Restricted Lower Band Edge Measurement CDD**

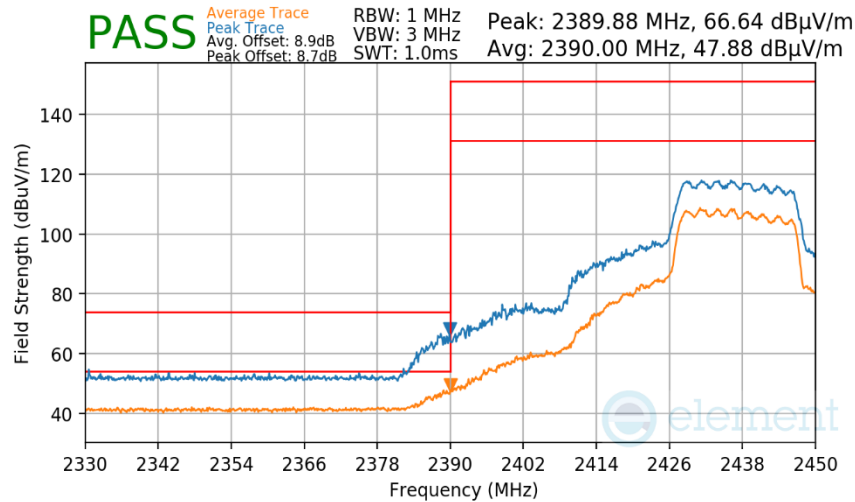
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 405 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2432MHz  
**Channel** 5



**Plot 7-687 Radiated Restricted Lower Band Edge Measurement CDD**

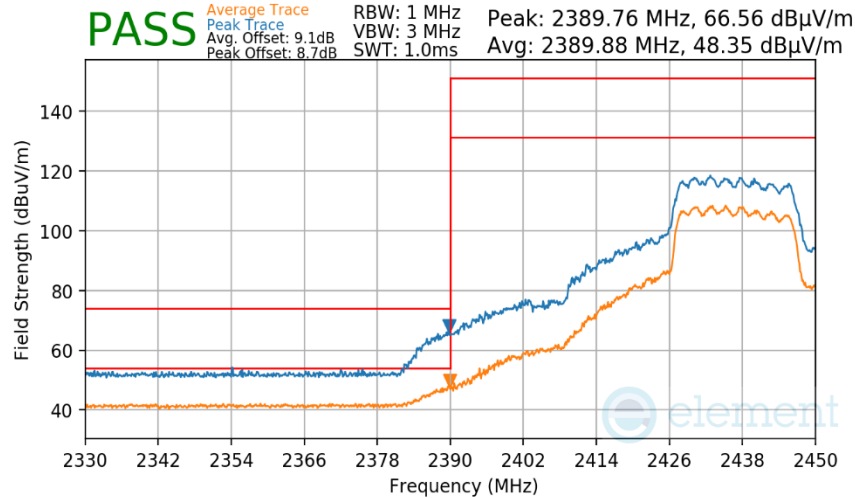
**Mode** 802.11ax-SU  
**Data Rate** MCS2  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2437MHz  
**Channel** 6



**Plot 7-688 Radiated Restricted Lower Band Edge Measurement CDD**

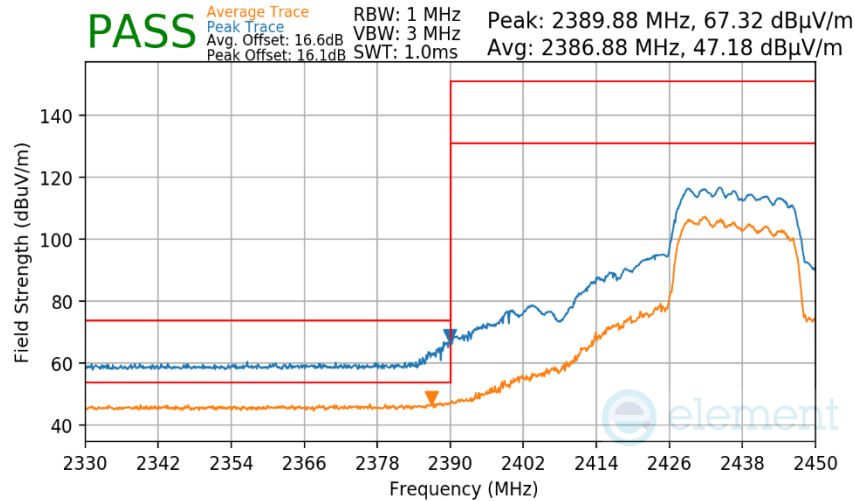
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 406 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2437MHz  
**Channel** 6



**Plot 7-689 Radiated Restricted Upper Band Edge Measurement CDD**  
 802.11ax-SU

**Mode**  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2437MHz  
**Channel** 6

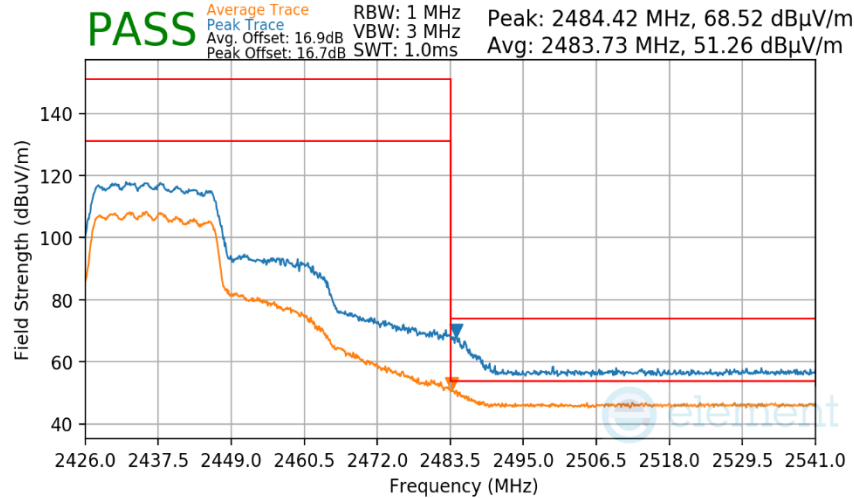


**Plot 7-690 Radiated Restricted Lower Band Edge Measurement CDD**

FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT</b> (CERTIFICATION)	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 407 of 430

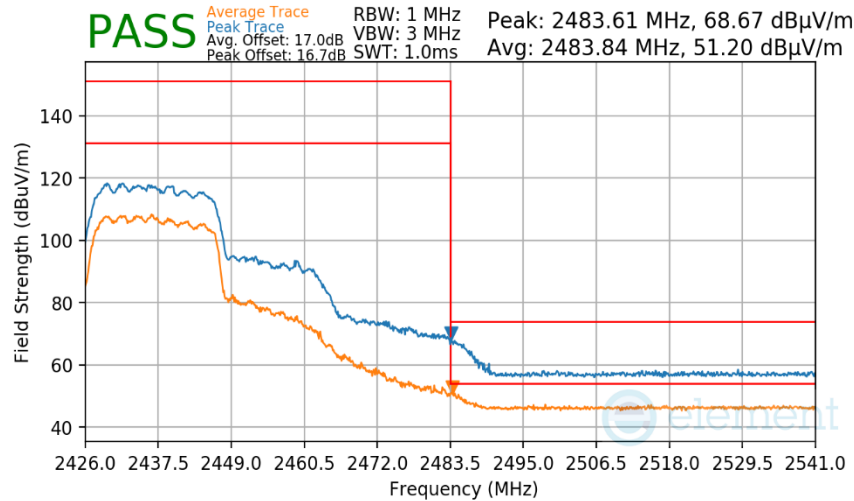


**Mode** 802.11ax-SU  
**Data Rate** MCS2  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2437MHz  
**Channel** 6



**Plot 7-691 Radiated Restricted Upper Band Edge Measurement CDD**

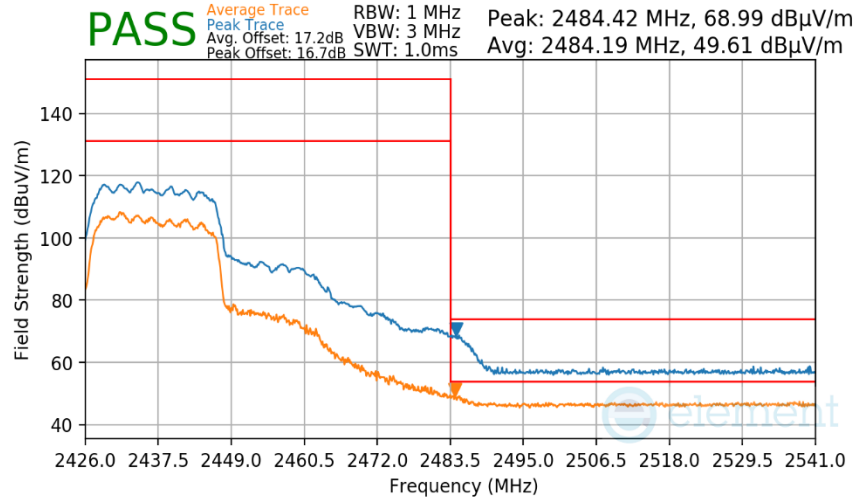
**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2437MHz  
**Channel** 6



**Plot 7-692 Radiated Restricted Upper Band Edge Measurement CDD**

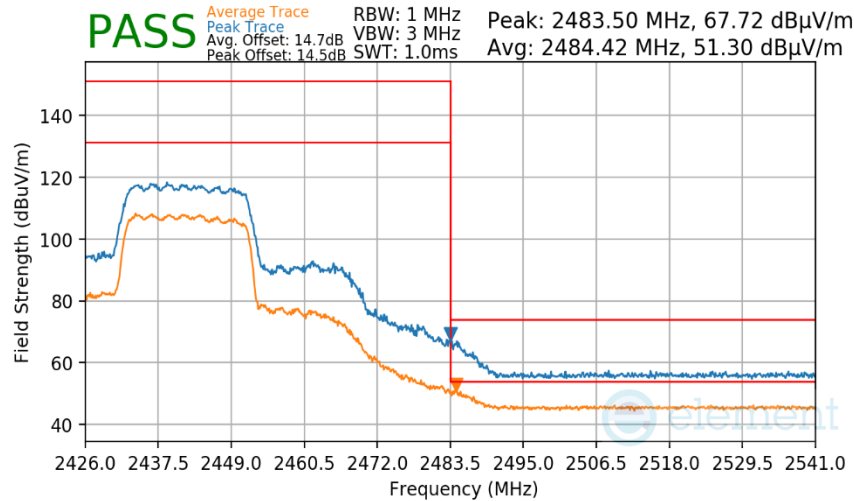
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 408 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2437MHz  
**Channel** 6



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

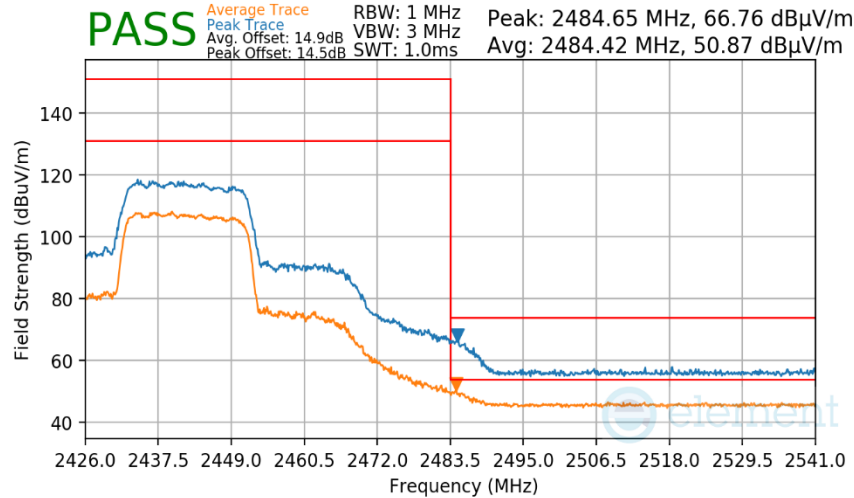
**Mode** 802.11ax-SU  
**Data Rate** MCS2  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2442MHz  
**Channel** 7



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

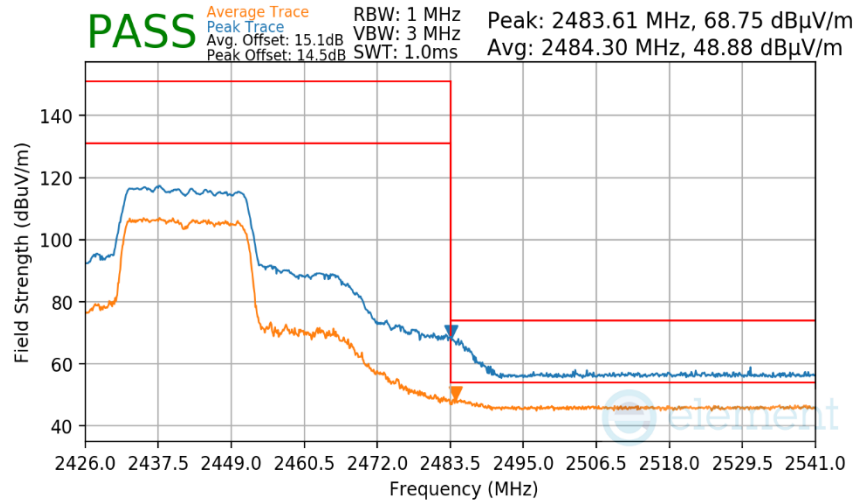
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 409 of 430

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



**Plot 7-695 Radiated Restricted Upper Band Edge Measurement CDD**

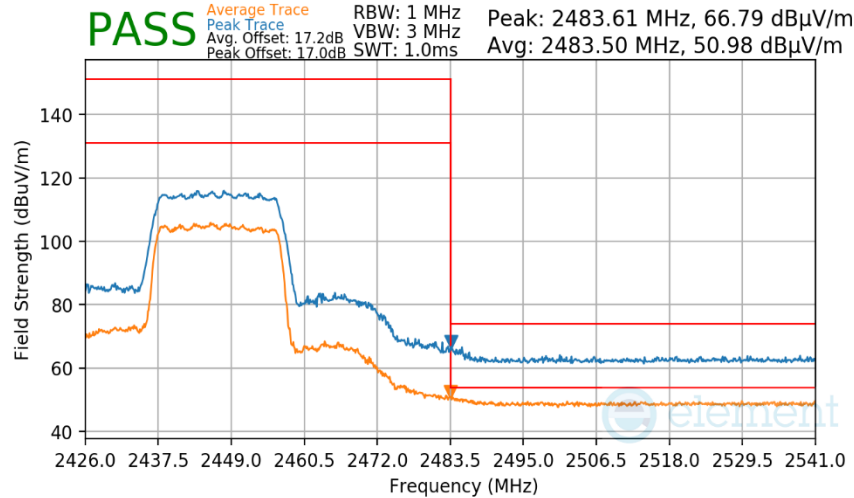
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



**Plot 7-696 Radiated Restricted Upper Band Edge Measurement CDD**

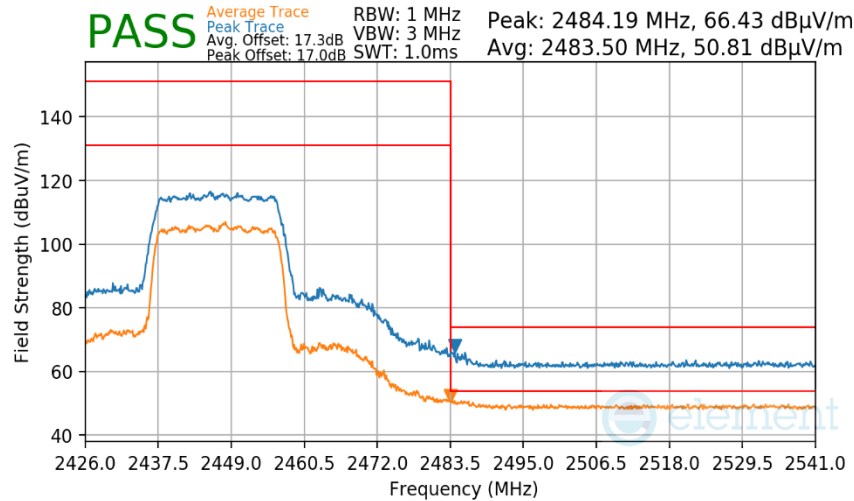
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2405200018-14.BCG	Test Dates: 5/20/2024 - 7/12/2024	EUT Type: Tablet Device	Page 410 of 430

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



**Plot 7-697 Radiated Restricted Upper Band Edge Measurement CDD**

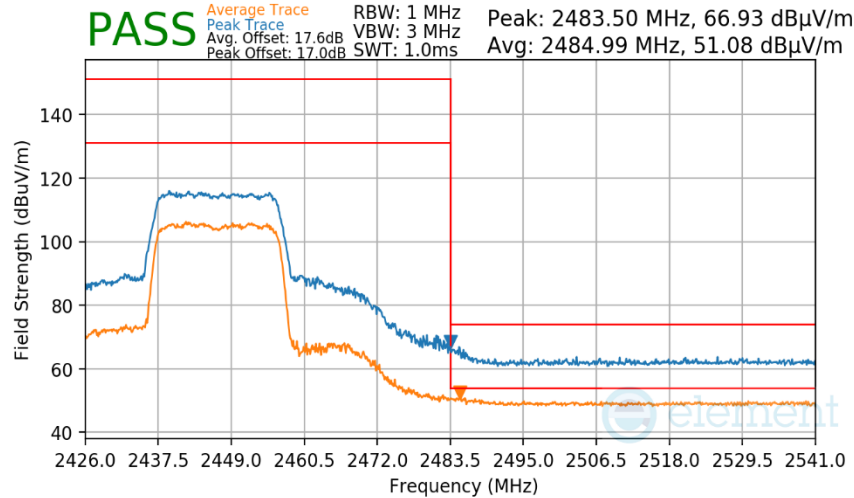
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



**Plot 7-698 Radiated Restricted Upper Band Edge Measurement CDD**

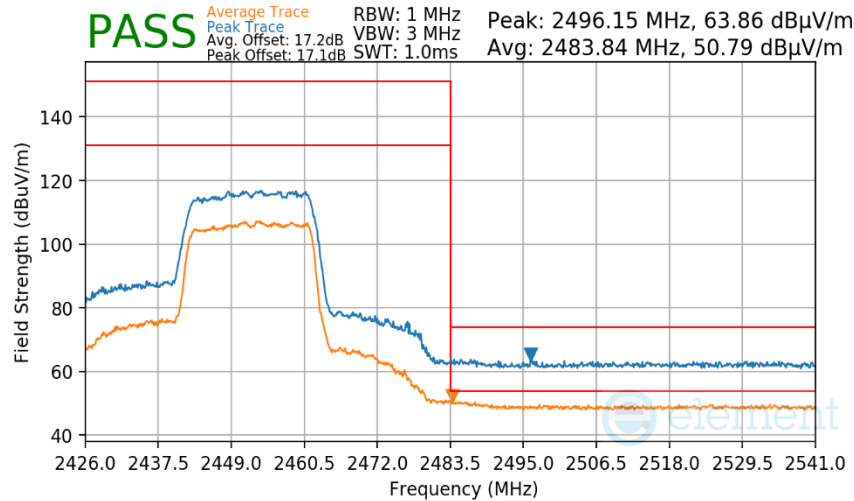
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2405200018-14.BCG	Test Dates: 5/20/2024 - 7/12/2024	EUT Type: Tablet Device	Page 411 of 430

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



**Plot 7-699 Radiated Restricted Upper Band Edge Measurement CDD**

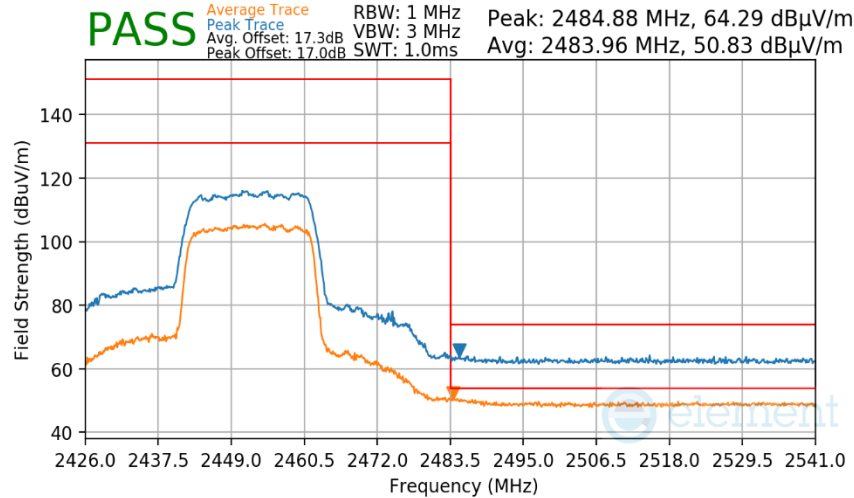
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



**Plot 7-700 Radiated Restricted Upper Band Edge Measurement CDD**

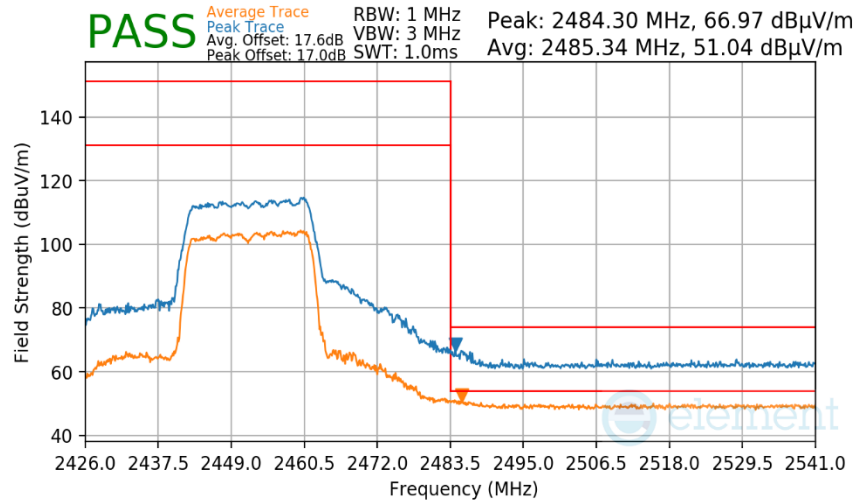
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2405200018-14.BCG	Test Dates: 5/20/2024 - 7/12/2024	EUT Type: Tablet Device	Page 412 of 430

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



**Plot 7-701 Radiated Restricted Upper Band Edge Measurement CDD**

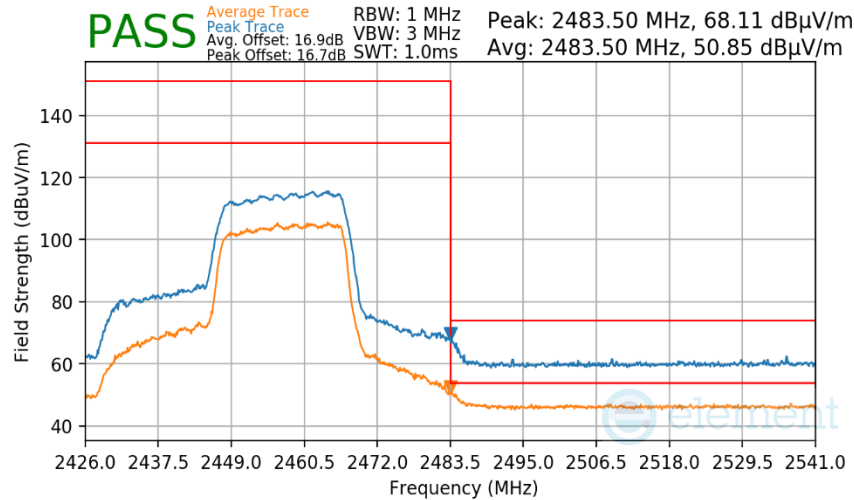
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



**Plot 7-702 Radiated Restricted Upper Band Edge Measurement CDD**

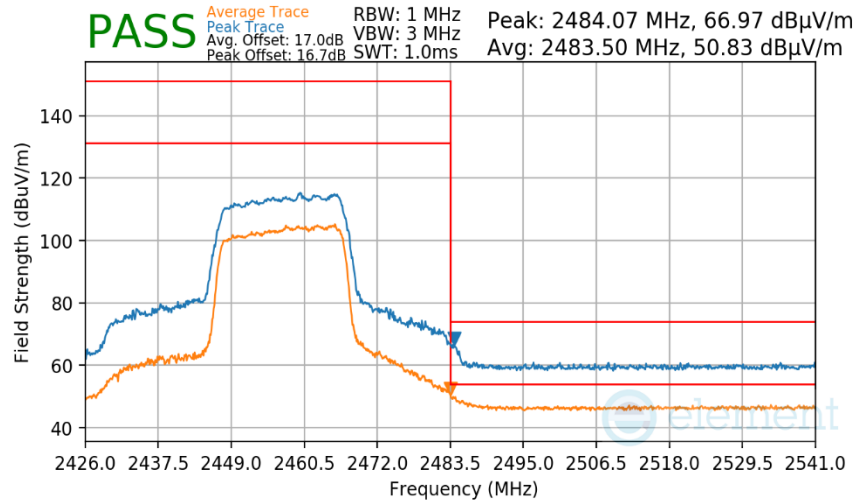
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2405200018-14.BCG	Test Dates: 5/20/2024 - 7/12/2024	EUT Type: Tablet Device	Page 413 of 430

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



**Plot 7-703 Radiated Restricted Upper Band Edge Measurement CDD**

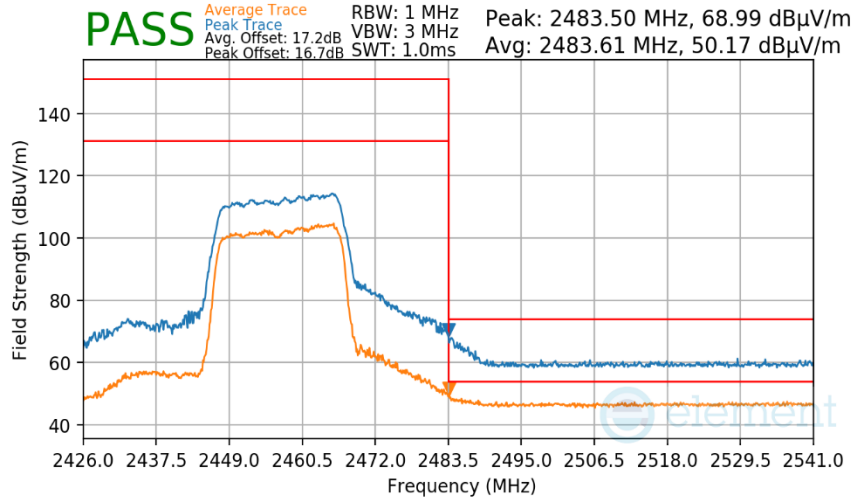
**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2457MHz  
**Channel** 10



**Plot 7-704 Radiated Restricted Upper Band Edge Measurement CDD**

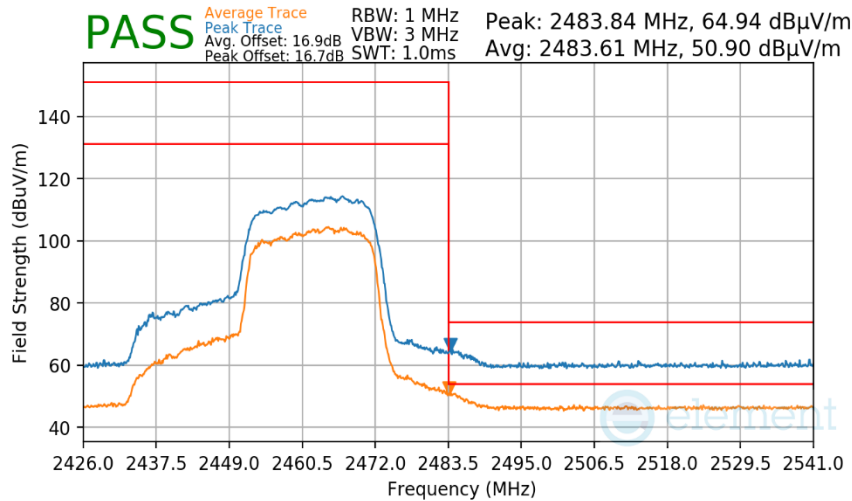
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 414 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2457MHz  
**Channel** 10



**Plot 7-705 Radiated Restricted Upper Band Edge Measurement CDD**

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

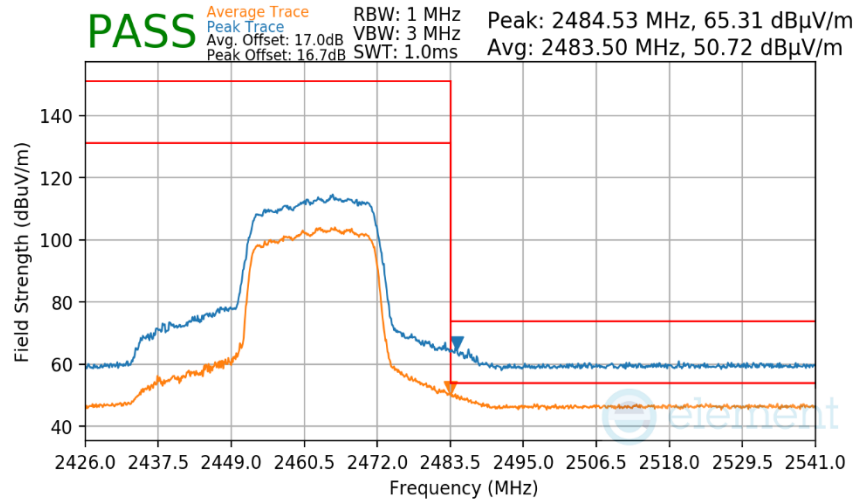


**Plot 7-706 Radiated Restricted Upper Band Edge Measurement CDD**

FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 415 of 430

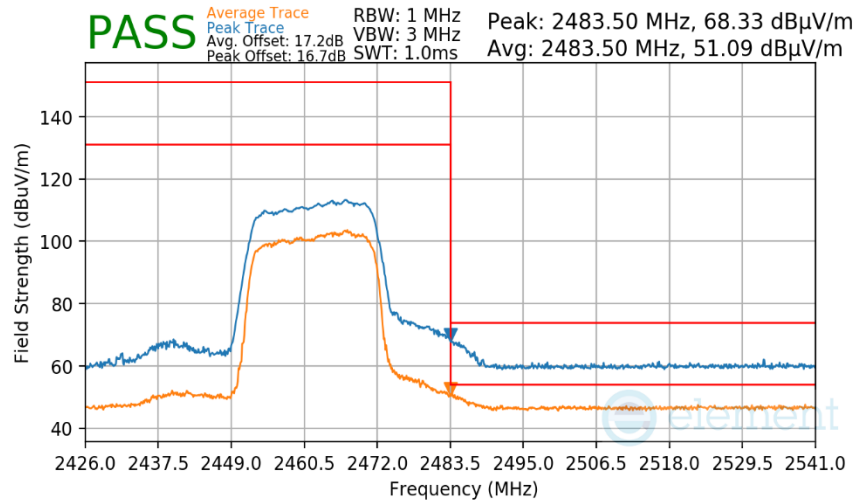


**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2462MHz  
**Channel** 11



**Plot 7-707 Radiated Restricted Upper Band Edge Measurement CDD**

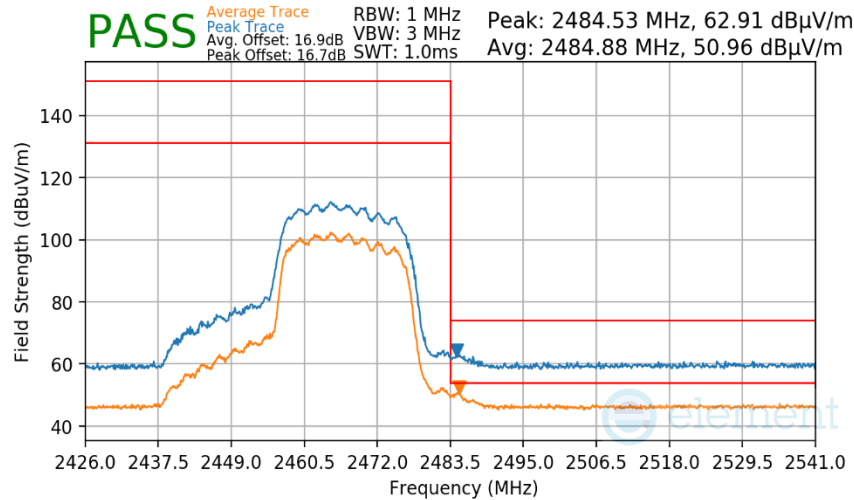
**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2462MHz  
**Channel** 11



**Plot 7-708 Radiated Restricted Upper Band Edge Measurement CDD**

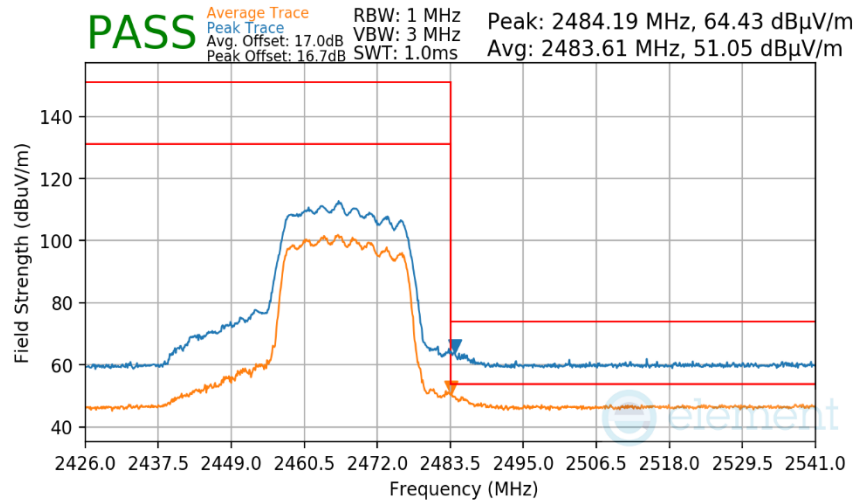
FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 416 of 430

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



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

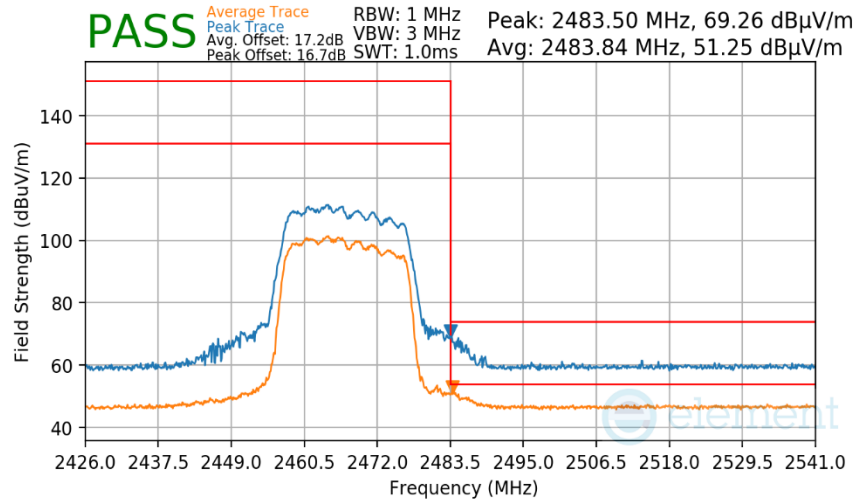
**Mode** 802.11ax-SU  
**Data Rate** MCS4  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2467MHz  
**Channel** 12



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

FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG	<b>Test Dates:</b> 5/20/2024 - 7/12/2024	<b>EUT Type:</b> Tablet Device	Page 417 of 430

**Mode** 802.11ax-SU  
**Data Rate** MCS9  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 2467MHz  
**Channel** 12



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

<b>FCC ID:</b> BCGA2995 <b>IC:</b> 579C-A2995	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200018-14.BCG		<b>Test Dates:</b> 5/20/2024 - 7/12/2024

## 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 [ $\mu\text{V/m}$ ]	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 C63.10-2020

### 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

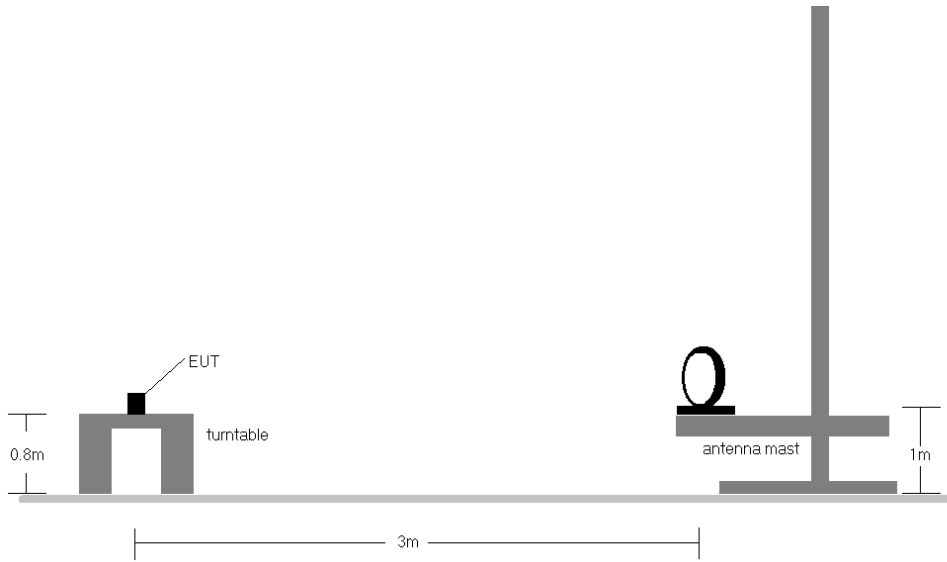
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

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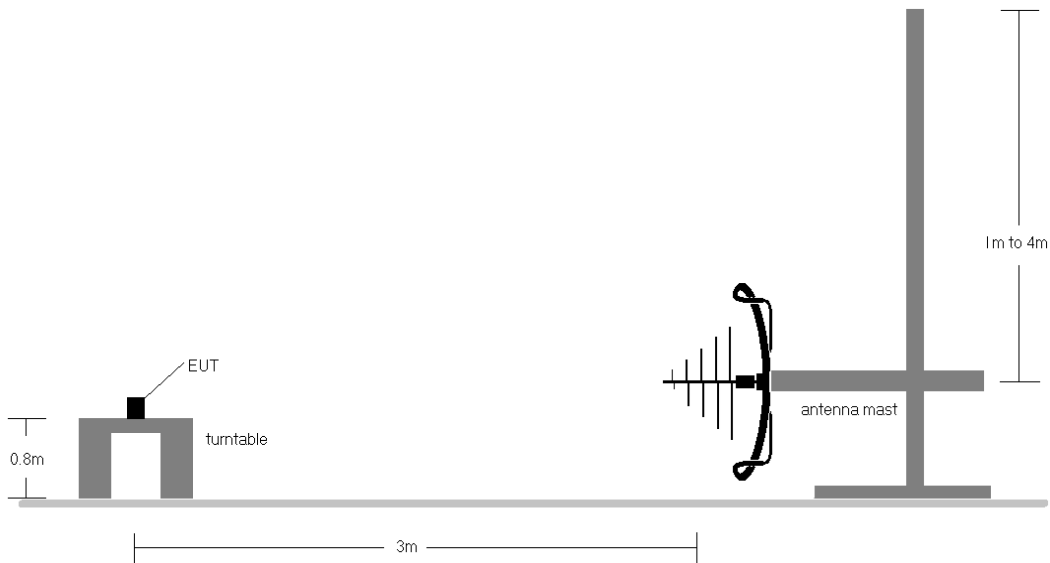
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**Test Setup**

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. 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
8. 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.
9. The unit was tested with all possible modes and only the highest emission is reported.
10. All antenna configurations were investigated and only the worst case is reported.
11. No spurious emissions were detected within 20dB of the limit below 30MHz.

**Sample Calculations**

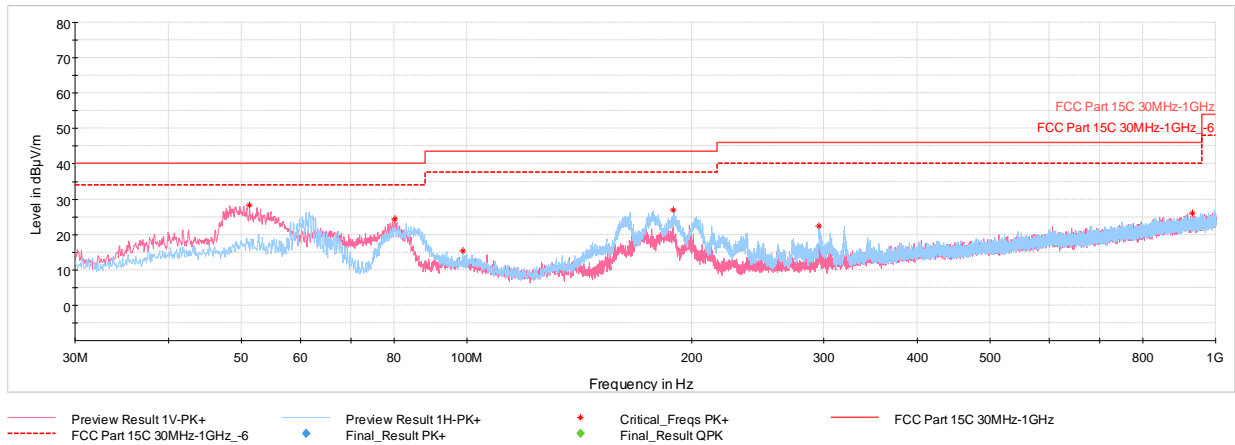
**Determining Spurious Emissions Levels**

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

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## CDD Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]

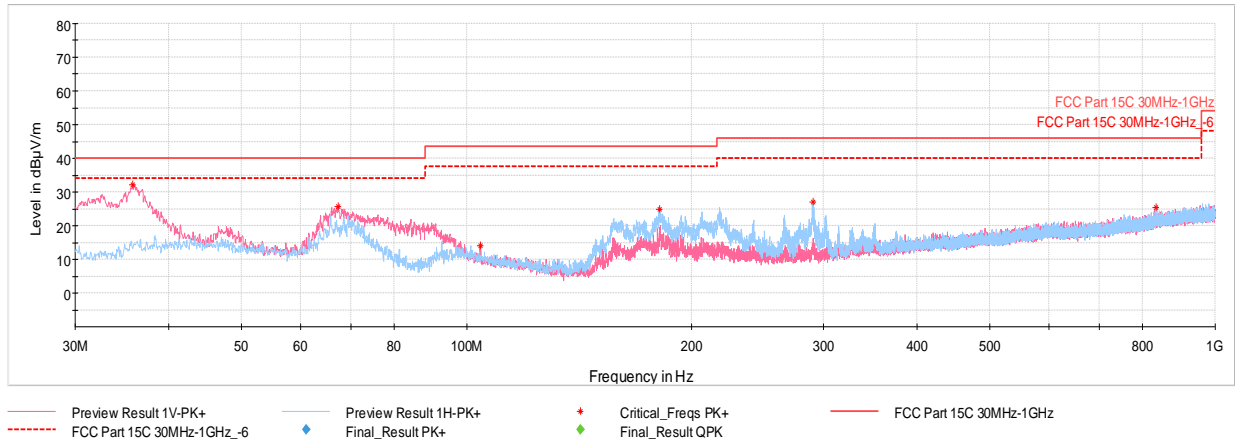


Plot 7-712. Radiated Spurious Emissions below 1GHz CDD 11n Ch.6, with AC/DC Adapter and USB-C Cable

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]
51.29	Max-Peak	V	100	310	-65.65	-12.94	28.41	40.00	-11.59
80.25	Max-Peak	V	100	127	-61.76	-20.89	24.35	40.00	-15.65
98.77	Max-Peak	H	200	338	-75.29	-16.21	15.50	43.52	-28.02
188.89	Max-Peak	H	200	183	-62.99	-17.14	26.87	43.52	-16.65
295.49	Max-Peak	H	100	334	-70.57	-14.02	22.41	46.02	-23.61
931.32	Max-Peak	V	300	136	-78.92	-1.93	26.15	46.02	-19.87

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

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**Plot 7-713. Radiated Spurious Emissions below 1GHz CDD 11ax - SU Ch.6, with AC/DC Adapter and USB-C Cable**

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]
35.82	Max-Peak	V	100	307	-59.72	-14.98	32.30	40.00	-7.70
67.35	Max-Peak	V	100	219	-63.95	-17.35	25.70	40.00	-14.30
104.40	Max-Peak	V	200	15	-76.87	-16.11	14.02	43.52	-29.50
180.88	Max-Peak	H	200	310	-64.03	-17.97	25.00	43.52	-18.52
290.11	Max-Peak	H	100	232	-65.82	-14.09	27.09	46.02	-18.93
833.89	Max-Peak	H	100	331	-78.24	-3.27	25.49	46.02	-20.53

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

FCC ID: BCGA2995 IC: 579C-A2995		<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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## 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 $\mu$ 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 C63.10-2020, 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

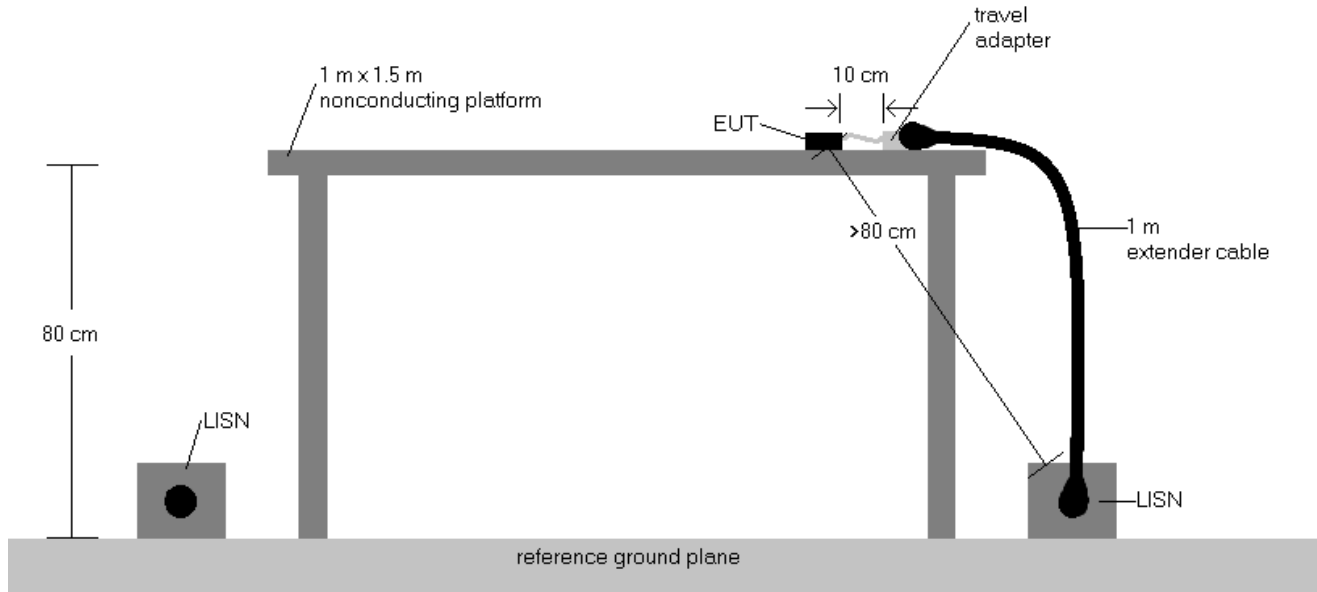
1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

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## Test Setup

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



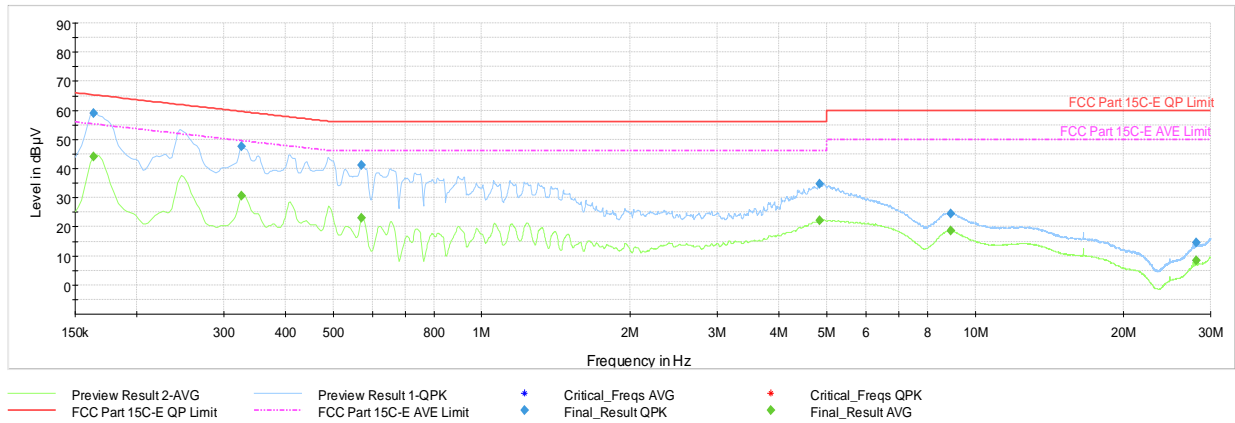
**Figure 7-9. Test Instrument & Measurement Setup**

## 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.  $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5.  $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
6.  $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plot are made using quasi peak and average detectors.
8. Deviations to the Specifications: None.
9. The unit was tested with all possible modes and only the highest emission is reported.

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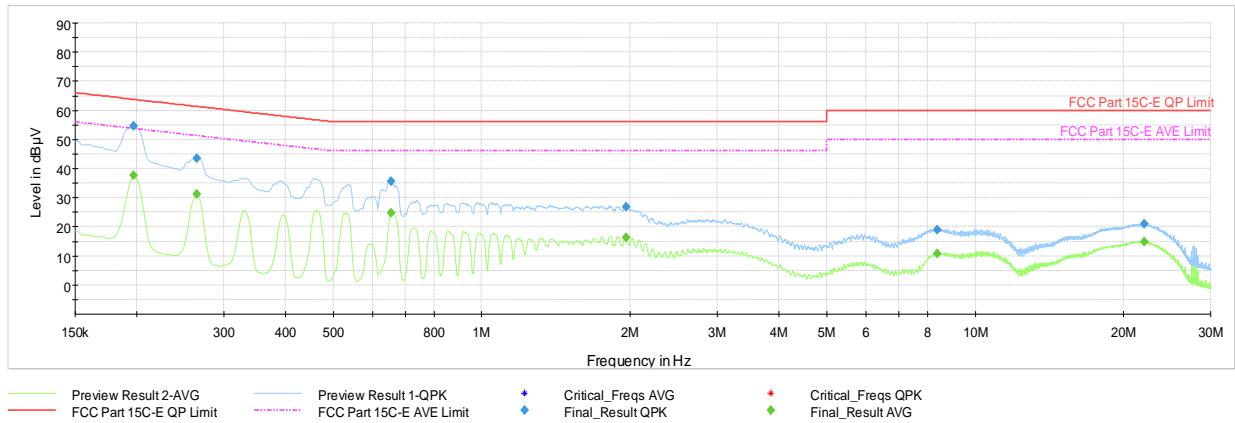


**Plot 7-714. AC Line Conducted Plot with CDD 11n Ch.6 (L1, with host PC with USB-C cable)**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.164	FINAL	—	44.06	55.28	-11.23	L1	GND
0.164	FINAL	59.0	—	65.28	-6.28	L1	GND
0.326	FINAL	—	30.72	49.57	-18.84	L1	GND
0.326	FINAL	47.7	—	59.57	-11.82	L1	GND
0.571	FINAL	—	22.97	46.00	-23.03	L1	GND
0.571	FINAL	41.1	—	56.00	-14.87	L1	GND
4.832	FINAL	34.6	—	56.00	-21.38	L1	GND
4.832	FINAL	—	22.20	46.00	-23.80	L1	GND
8.932	FINAL	24.5	—	60.00	-35.50	L1	GND
8.932	FINAL	—	18.62	50.00	-31.38	L1	GND
28.041	FINAL	—	8.40	50.00	-41.60	L1	GND
28.041	FINAL	14.6	—	60.00	-45.40	L1	GND

**Table 7-70. AC Line Conducted Data with CDD 11n Ch.6 (L1, with host PC with USB-C cable)**

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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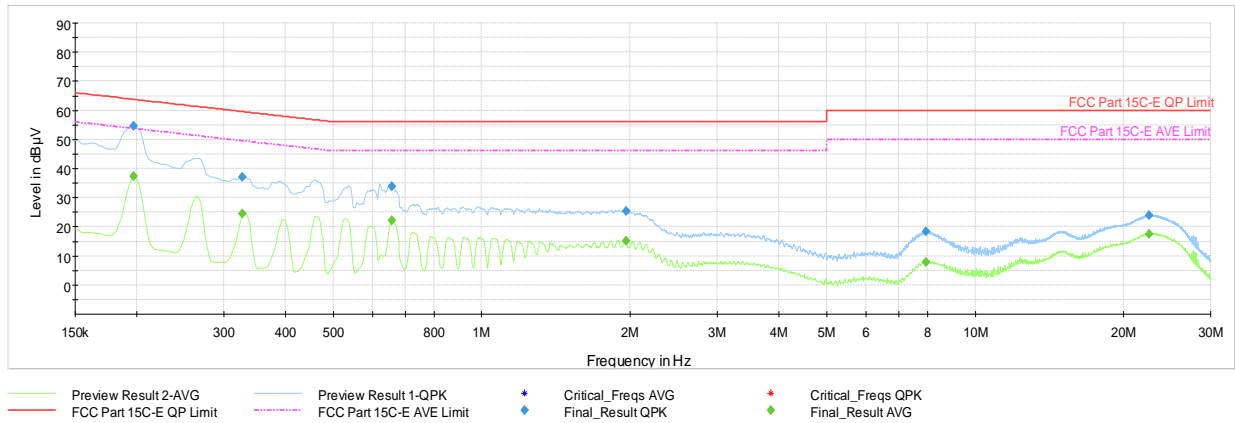


**Plot 7-715. AC Line Conducted Plot with CDD 11n Ch.6 (N, with host PC with USB-C cable)**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.197	FINAL	—	37.59	53.73	-16.13	N	GND
0.197	FINAL	54.5	—	63.73	-9.19	N	GND
0.265	FINAL	—	31.17	51.28	-20.11	N	GND
0.265	FINAL	43.6	—	61.28	-17.70	N	GND
0.654	FINAL	—	24.66	46.00	-21.34	N	GND
0.654	FINAL	35.6	—	56.00	-20.44	N	GND
1.959	FINAL	—	26.8	56.00	-29.21	N	GND
1.959	FINAL	—	16.43	46.00	-29.57	N	GND
8.374	FINAL	19.1	—	60.00	-40.95	N	GND
8.374	FINAL	—	10.62	50.00	-39.38	N	GND
22.045	FINAL	—	14.79	50.00	-35.21	N	GND
22.045	FINAL	21.0	—	60.00	-39.03	N	GND

**Table 7-71. AC Line Conducted Data with CDD 11n Ch.6 (N, with host PC with USB-C cable)**

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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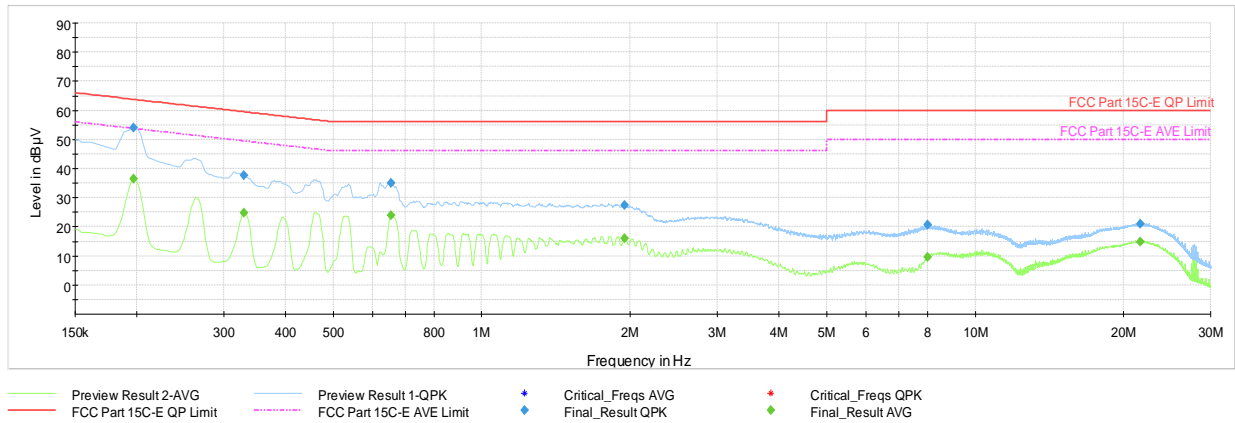


**Plot 7-716. AC Line Conducted Plot with CDD 11ax - SU Ch.6 (L1, with host PC with USB-C cable)**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.197	FINAL	—	37.49	53.73	-16.24	L1	GND
0.197	FINAL	54.6	—	63.73	-9.13	L1	GND
0.328	FINAL	—	24.56	49.51	-24.95	L1	GND
0.328	FINAL	37.0	—	59.51	-22.56	L1	GND
0.656	FINAL	—	22.20	46.00	-23.80	L1	GND
0.656	FINAL	33.9	—	56.00	-22.10	L1	GND
1.964	FINAL	25.3	—	56.00	-30.71	L1	GND
1.964	FINAL	—	15.03	46.00	-30.97	L1	GND
7.962	FINAL	18.3	—	60.00	-41.70	L1	GND
7.962	FINAL	—	7.98	50.00	-42.02	L1	GND
22.490	FINAL	—	17.49	50.00	-32.51	L1	GND
22.490	FINAL	23.8	—	60.00	-36.22	L1	GND

**Table 7-72. AC Line Conducted Data with CDD 11ax - SU Ch.6 (L1, with host PC with USB-C cable)**

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-717. AC Line Conducted Plot with CDD 11ax - SU Ch.6 (N, with host PC with USB-C cable)**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.197	FINAL	—	36.62	53.73	-17.11	N	GND
0.197	FINAL	53.9	—	63.73	-9.79	N	GND
0.330	FINAL	—	24.73	49.45	-24.72	N	GND
0.330	FINAL	37.7	—	59.45	-21.71	N	GND
0.654	FINAL	—	23.85	46.00	-22.15	N	GND
0.654	FINAL	35.2	—	56.00	-20.85	N	GND
1.943	FINAL	27.3	—	56.00	-28.67	N	GND
1.943	FINAL	—	15.93	46.00	-30.07	N	GND
8.018	FINAL	20.7	—	60.00	-39.34	N	GND
8.018	FINAL	—	9.56	50.00	-40.44	N	GND
21.575	FINAL	—	14.98	50.00	-35.02	N	GND
21.575	FINAL	21.0	—	60.00	-39.03	N	GND

**Table 7-73. AC Line Conducted Data with CDD 11ax - SU Ch.6 (N, with host PC with USB-C cable)**

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## 8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2995, IC: 579C-A2995** 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.

<b>FCC ID:</b> BCGA2995 <b>IC:</b> 579C-A2995	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
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