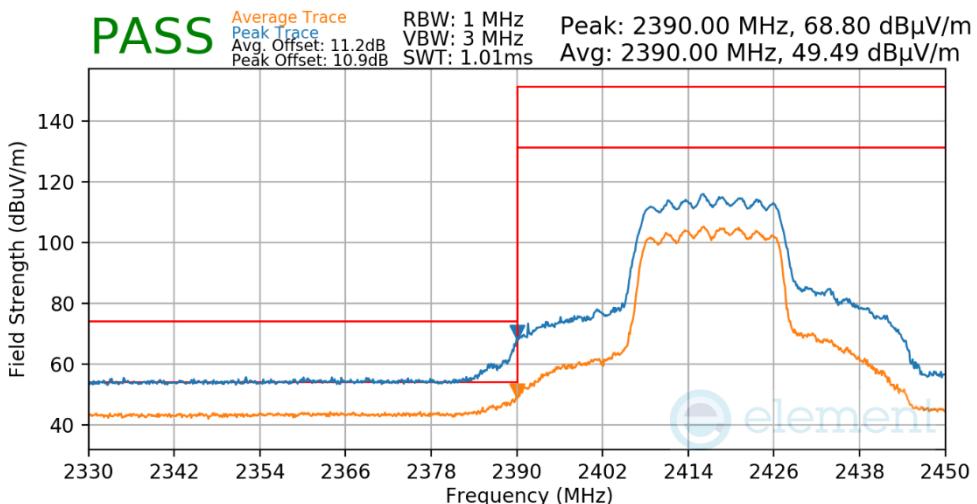
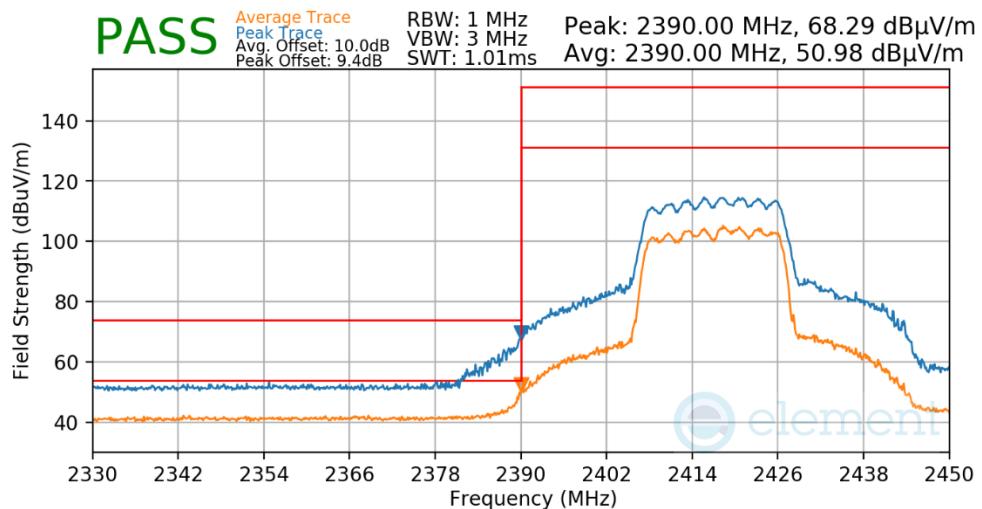


Mode: 802.11ax - SU
 Data Rate: MCS4
 Distance of Measurements: 3 Meters
 Operating Frequency: 2417MHz
 Channel: 2



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

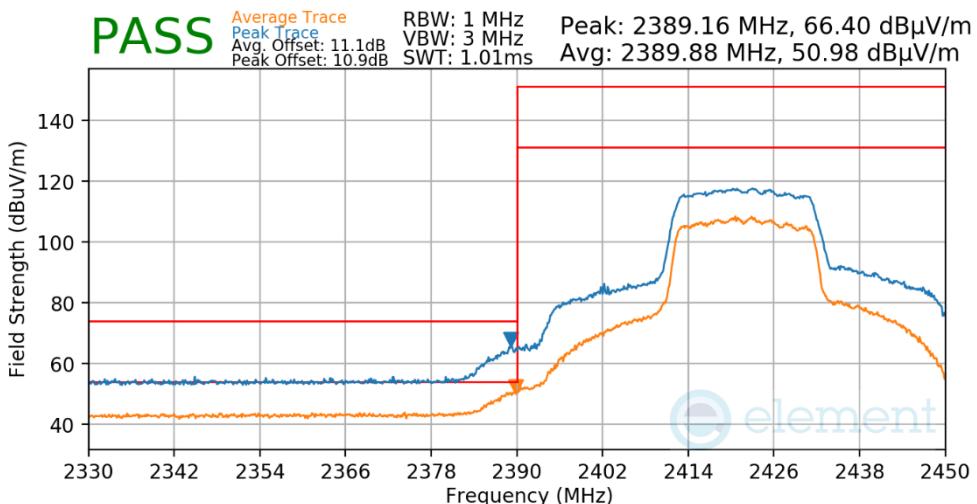
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2417MHz
 Channel: 2



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

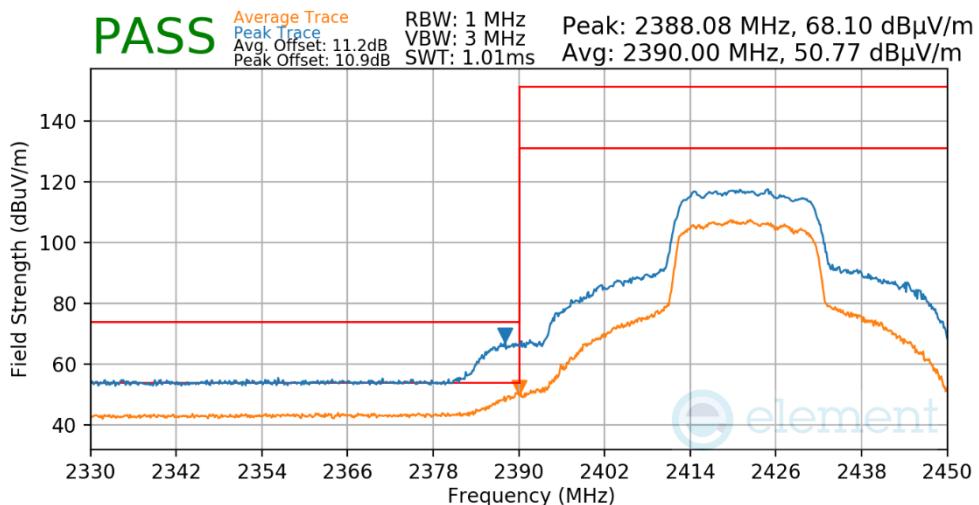
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 411 of 440

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



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

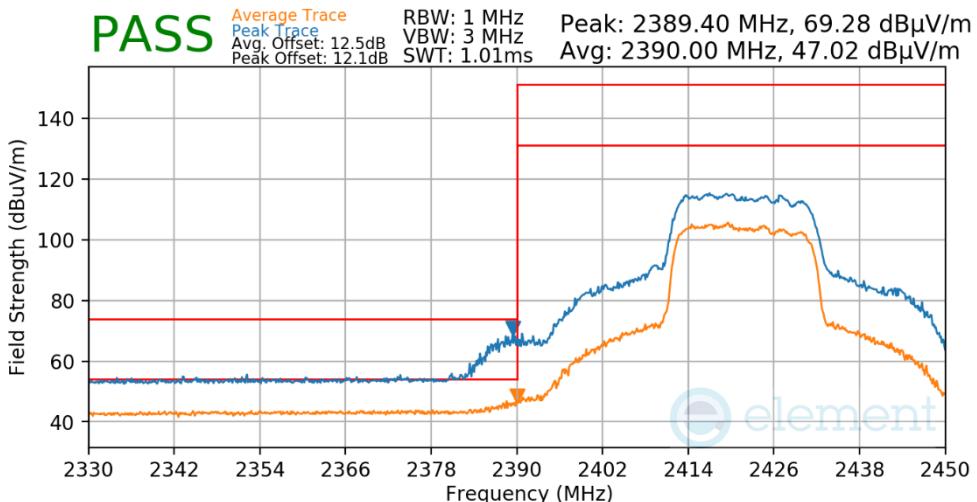
Mode: 802.11ax - SU
 Data Rate: MCS4
 Distance of Measurements: 3 Meters
 Operating Frequency: 2422MHz
 Channel: 3



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

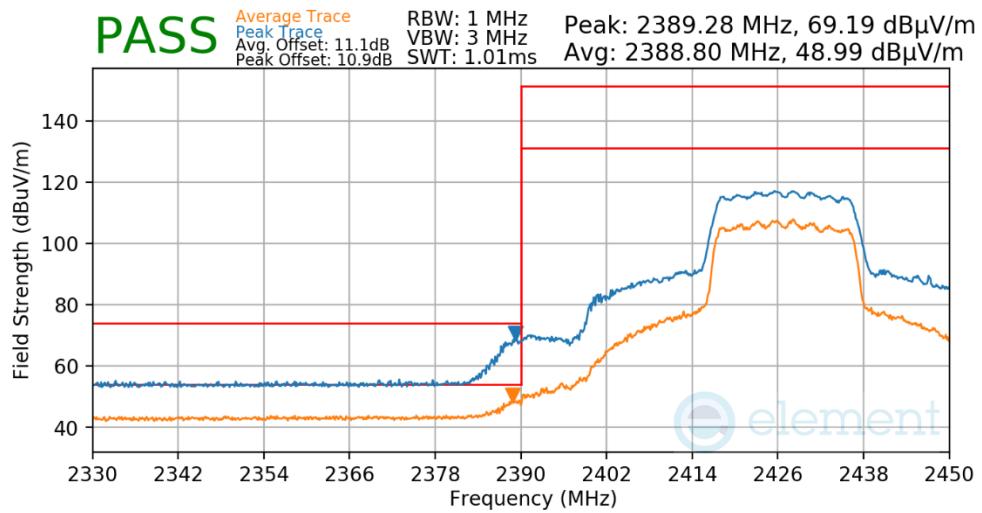
FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 412 of 440

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



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

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

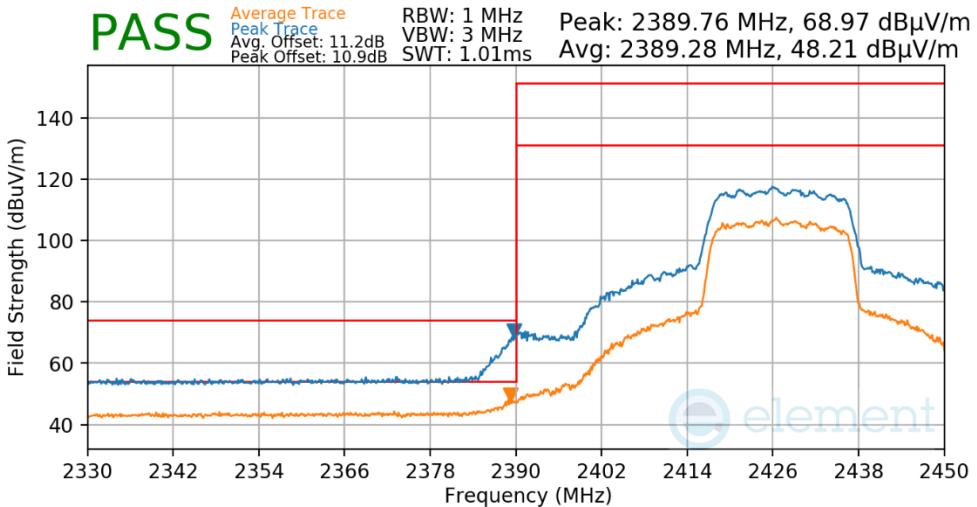


Plot 7-695. Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 413 of 440

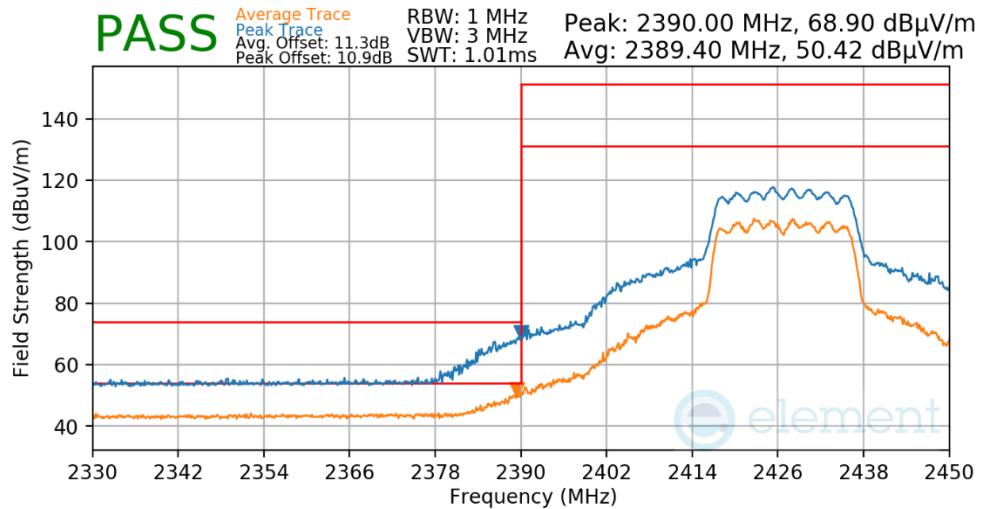


Mode: 802.11ax - SU
Data Rate: MCS4
Distance of Measurements: 3 Meters
Operating Frequency: 2427MHz
Channel: 4



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

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

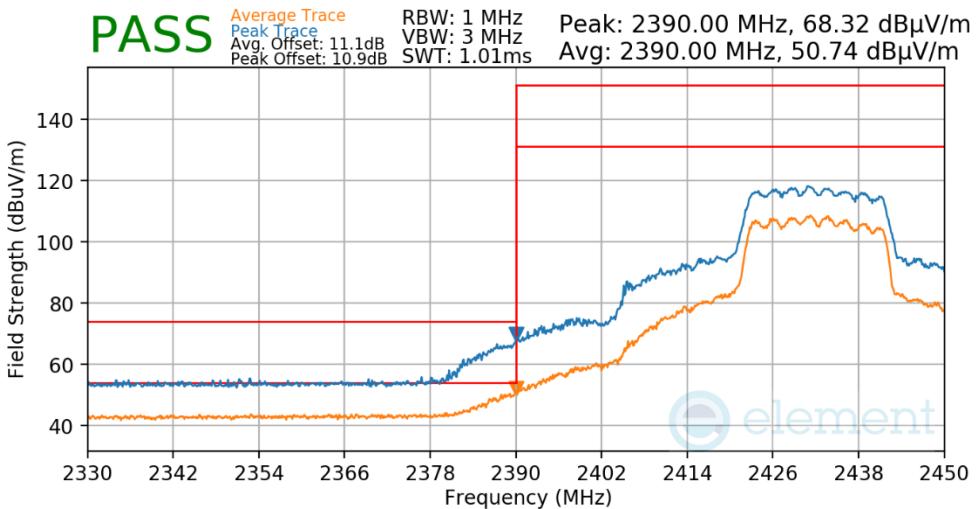


Plot 7-697. Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA2757 IC: 579C-A2757	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 414 of 440

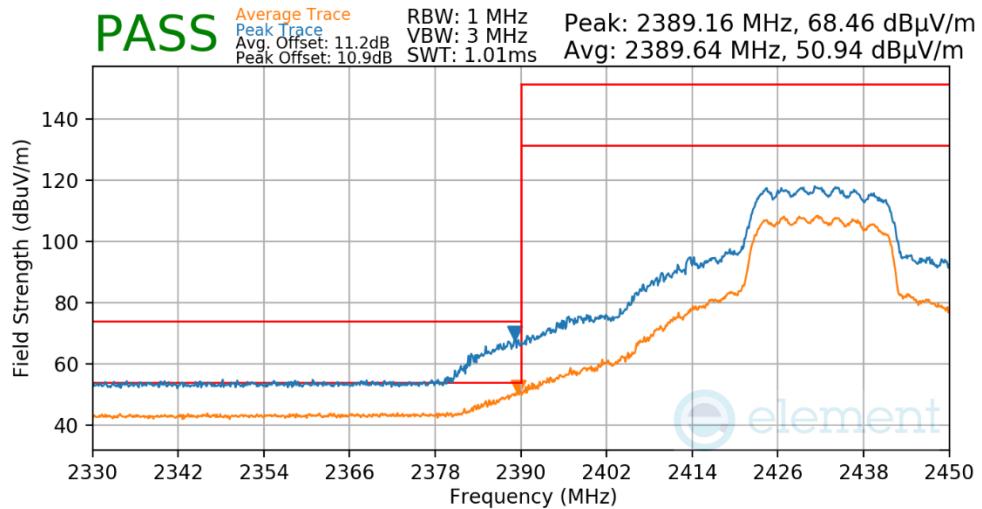


Mode: 802.11ax - SU
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 2432MHz
Channel: 5



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

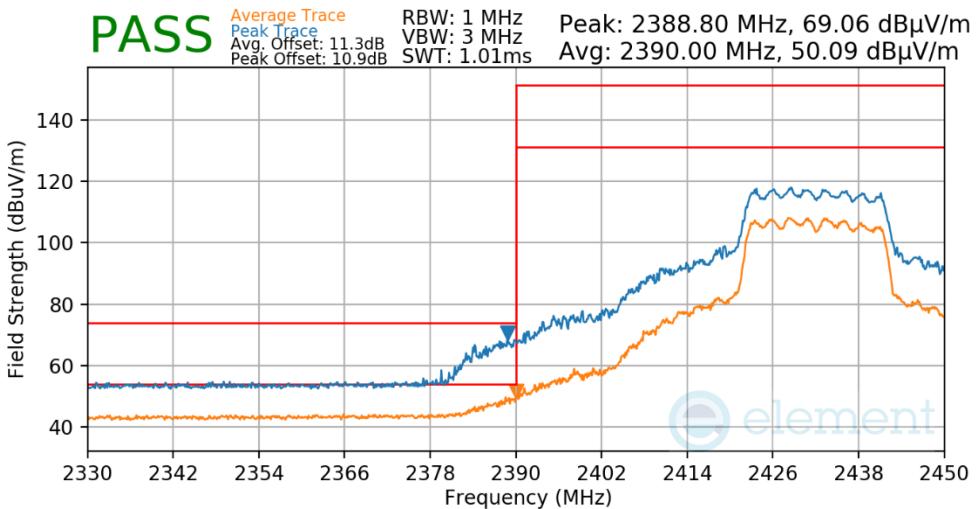
Mode: 802.11ax - SU
Data Rate: MCS4
Distance of Measurements: 3 Meters
Operating Frequency: 2432MHz
Channel: 5



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

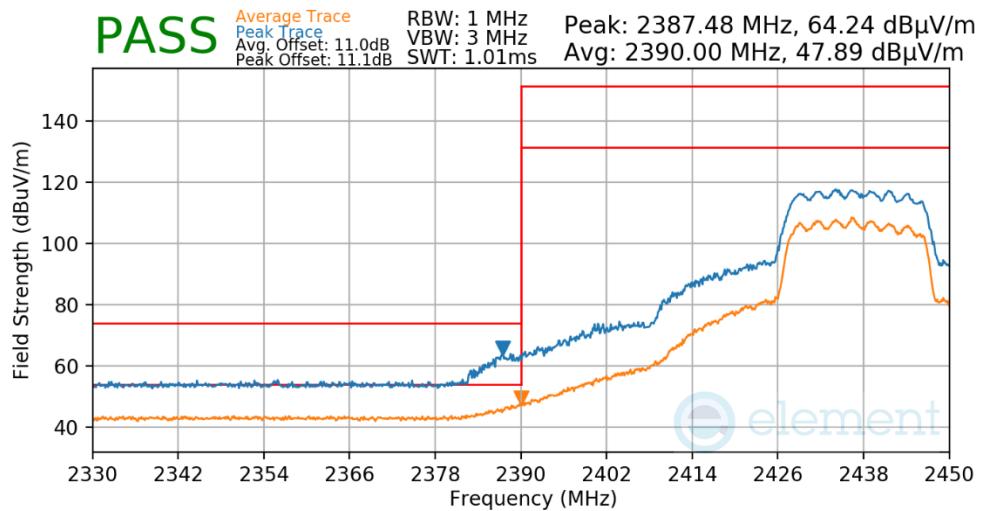
FCC ID: BCGA2757 IC: 579C-A2757	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 415 of 440 V 10.5 12/15/2021

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



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

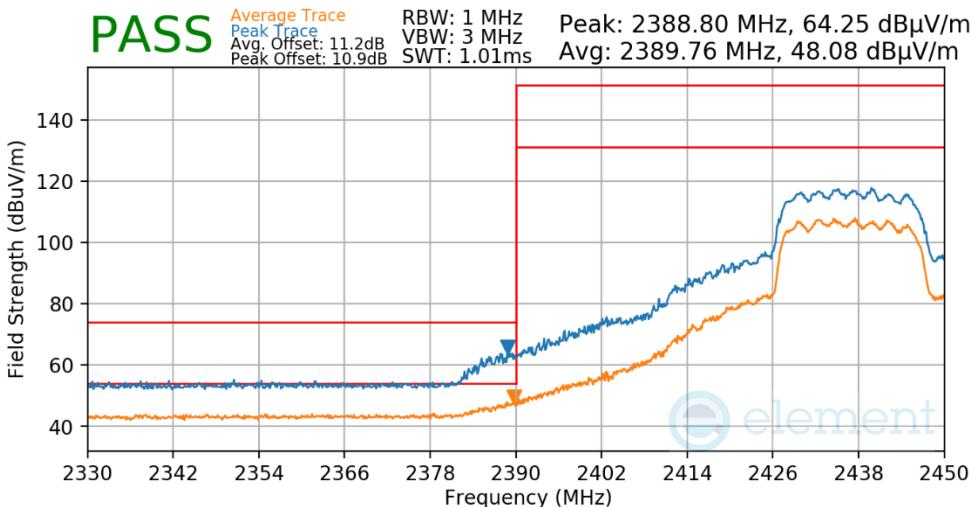
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6



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

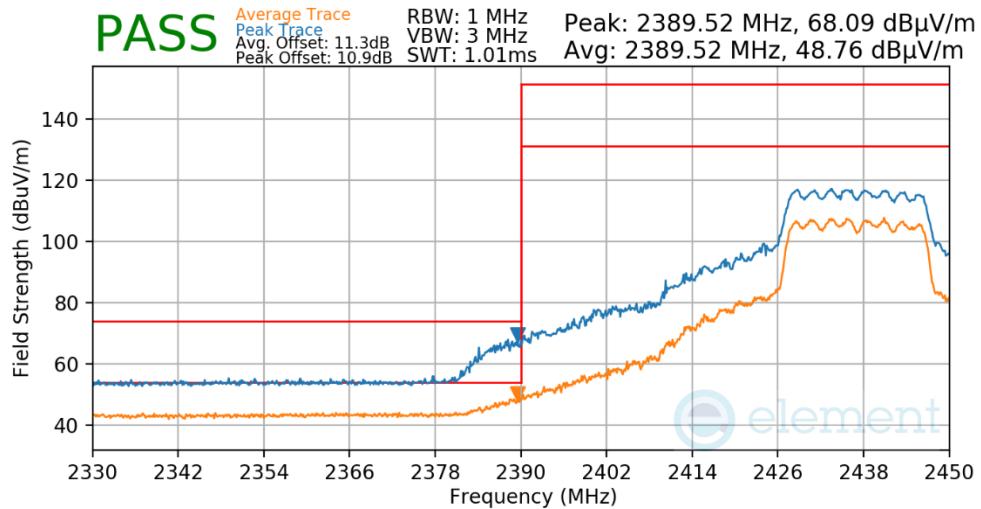
FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 416 of 440

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



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

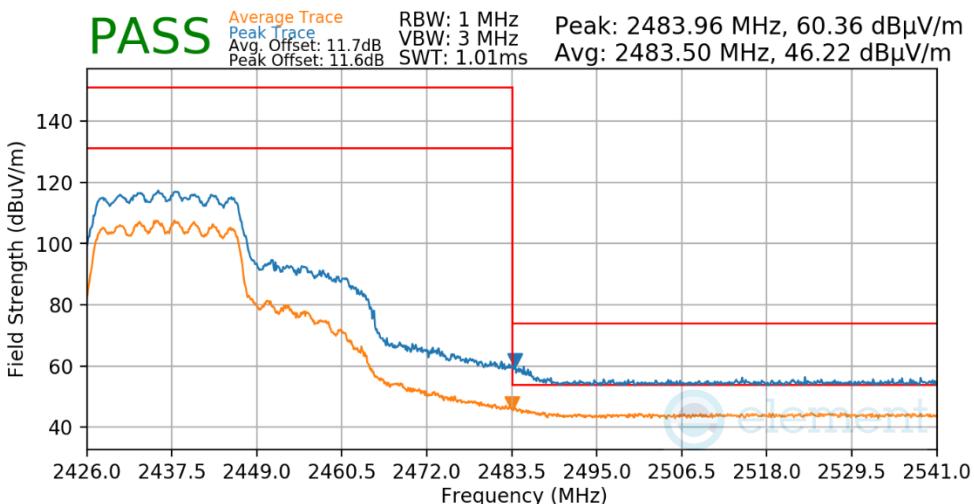
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6



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

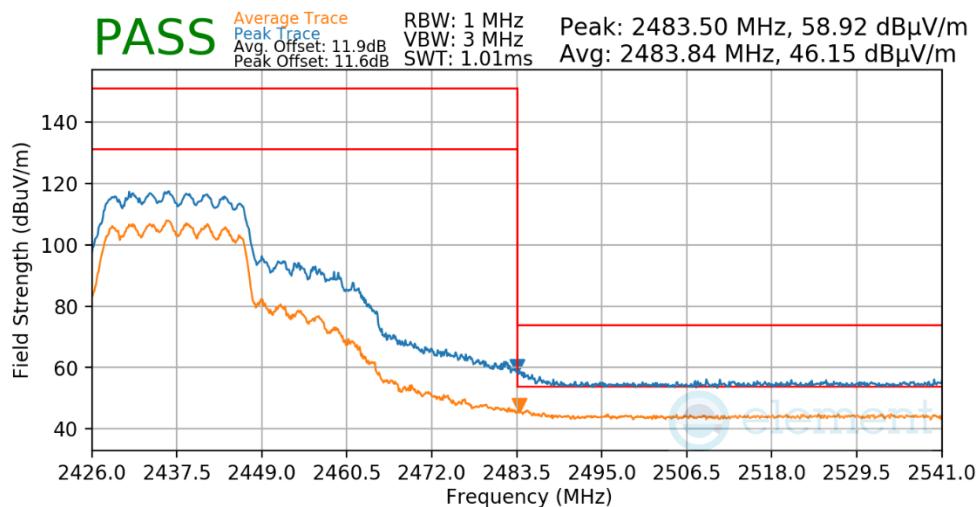
FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 417 of 440

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



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

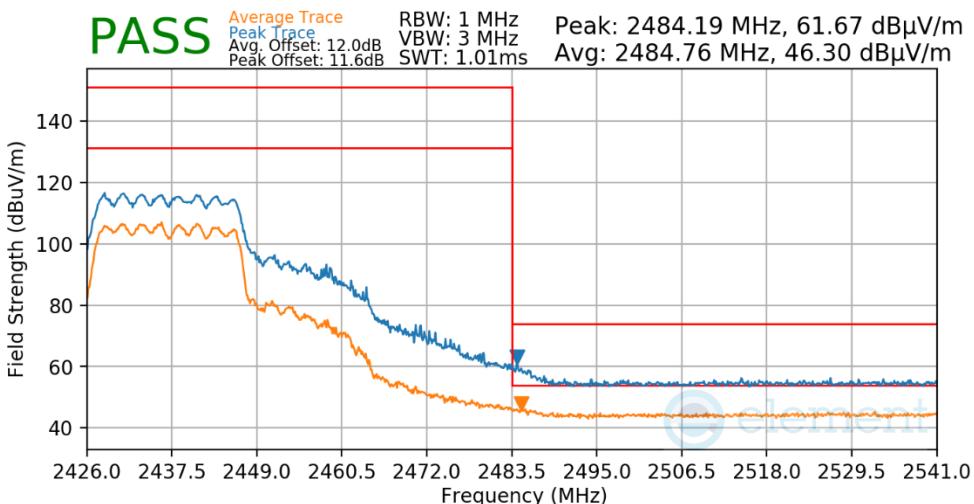
Mode: 802.11ax - SU
 Data Rate: MCS4
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6



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

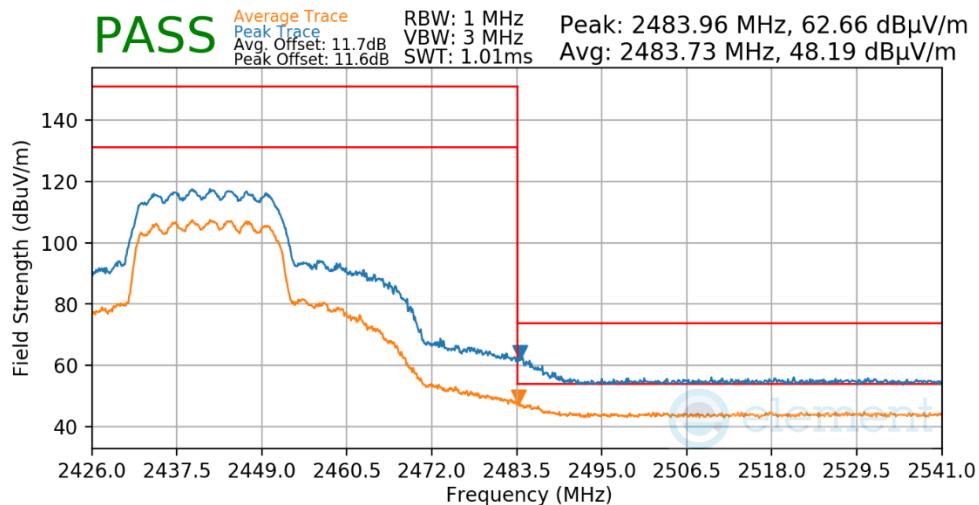
FCC ID: BCGA2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 418 of 440

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



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

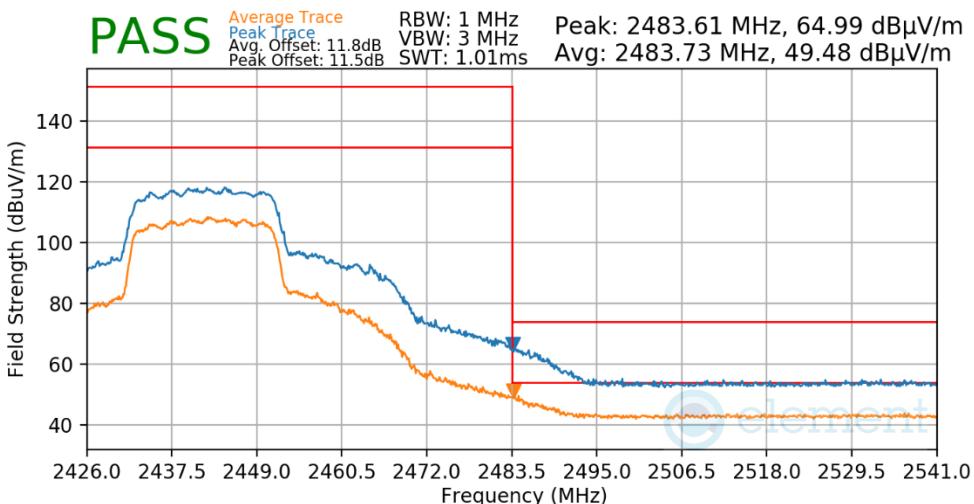
Mode: 802.11ax - SU
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7



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

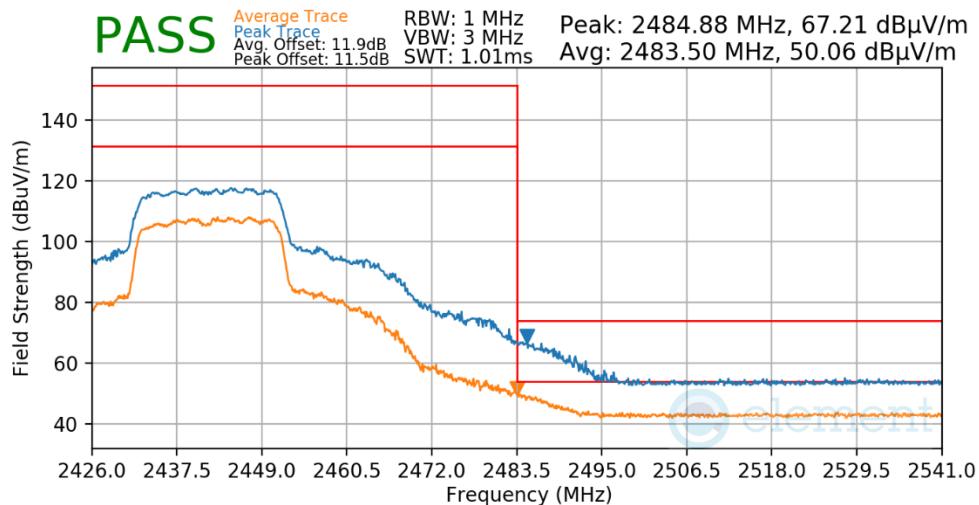
FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 419 of 440

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



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

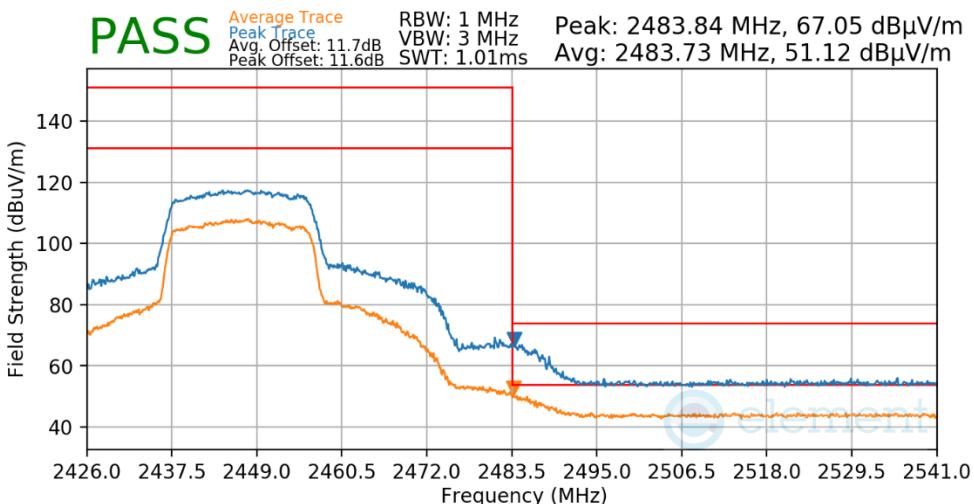
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7



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

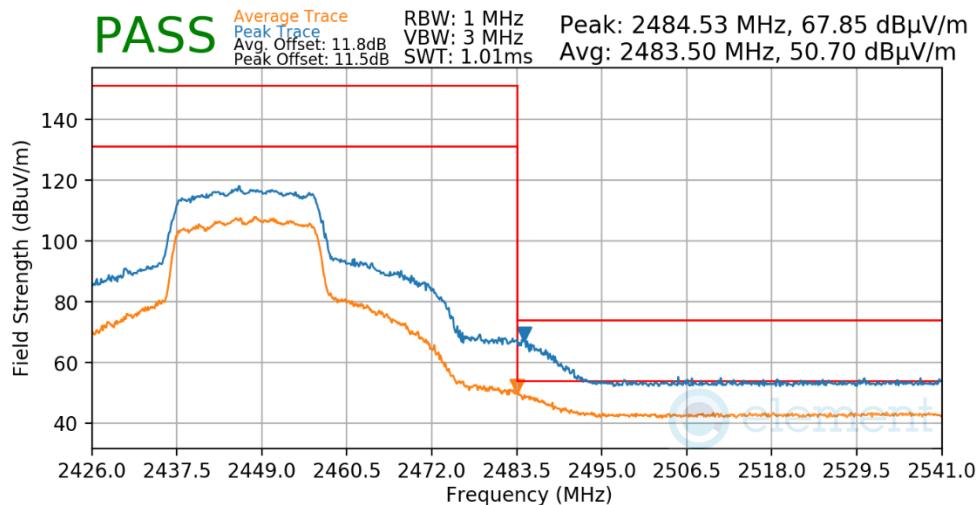
FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 420 of 440

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



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

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

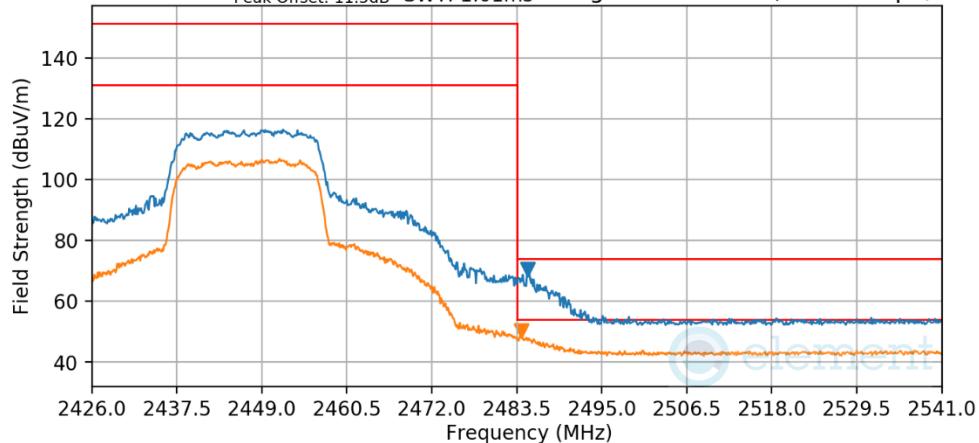


Plot 7-711. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 421 of 440

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

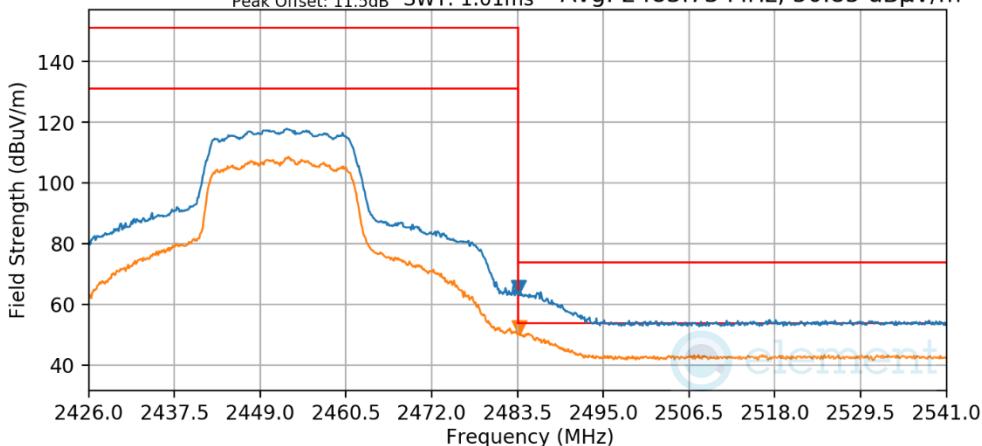
PASS Average Trace RBW: 1 MHz Peak: 2484.99 MHz, 69.03 dB μ V/m
 Peak Trace Avg. Offset: 11.9dB VBW: 3 MHz Avg: 2484.07 MHz, 48.79 dB μ V/m
 Peak Offset: 11.5dB SWT: 1.01ms



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

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

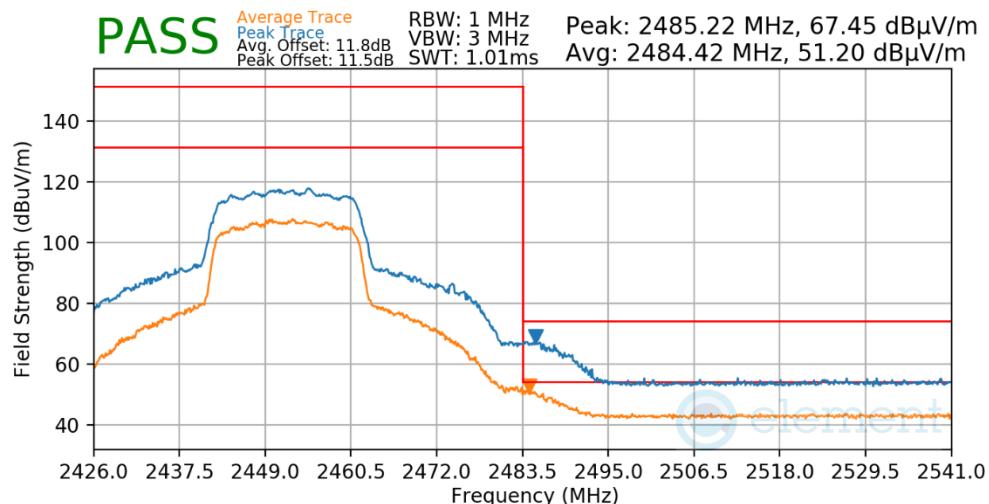
PASS Average Trace RBW: 1 MHz Peak: 2483.61 MHz, 64.23 dB μ V/m
 Peak Trace Avg. Offset: 11.7dB VBW: 3 MHz Avg: 2483.73 MHz, 50.85 dB μ V/m
 Peak Offset: 11.5dB SWT: 1.01ms



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

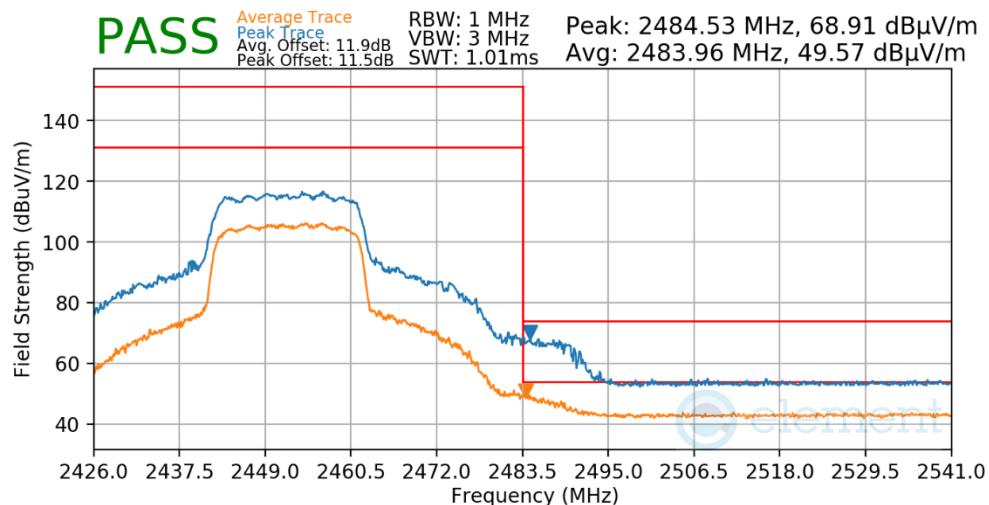
FCC ID: BCGA2757 IC: 579C-A2757	 element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 422 of 440 V 10.5 12/15/2021

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



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

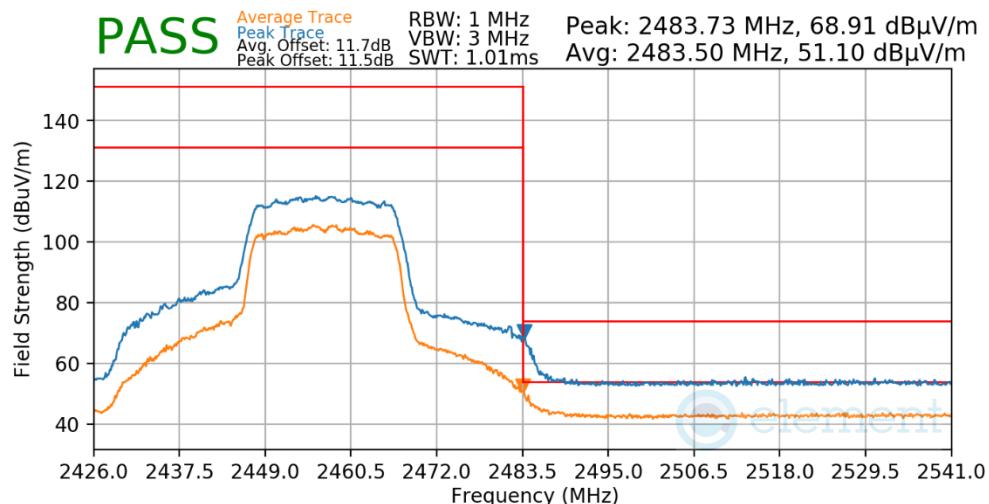
Mode: 802.11ax - SU
 Data Rate: MCS5
 Distance of Measurements: 3 Meters
 Operating Frequency: 2452MHz
 Channel: 9



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

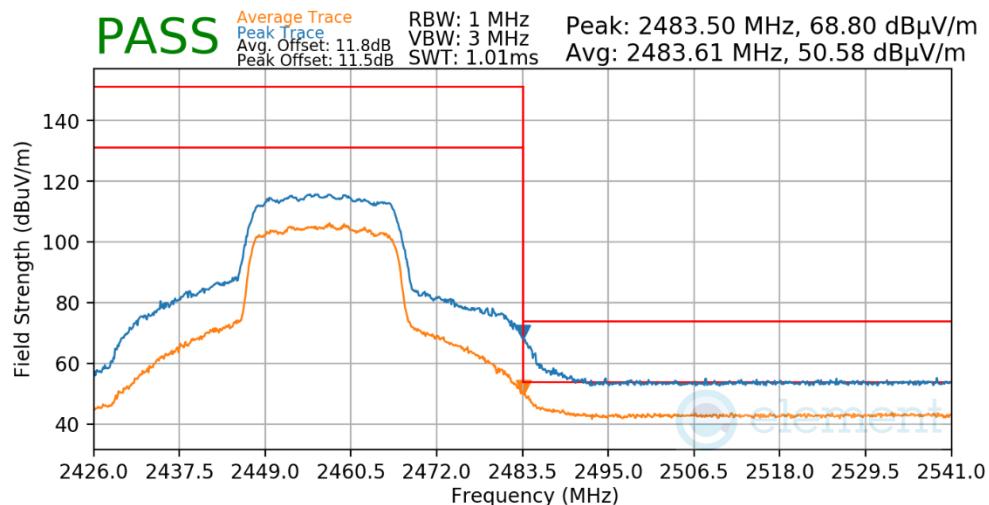
FCC ID: BCGA2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 423 of 440

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



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

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

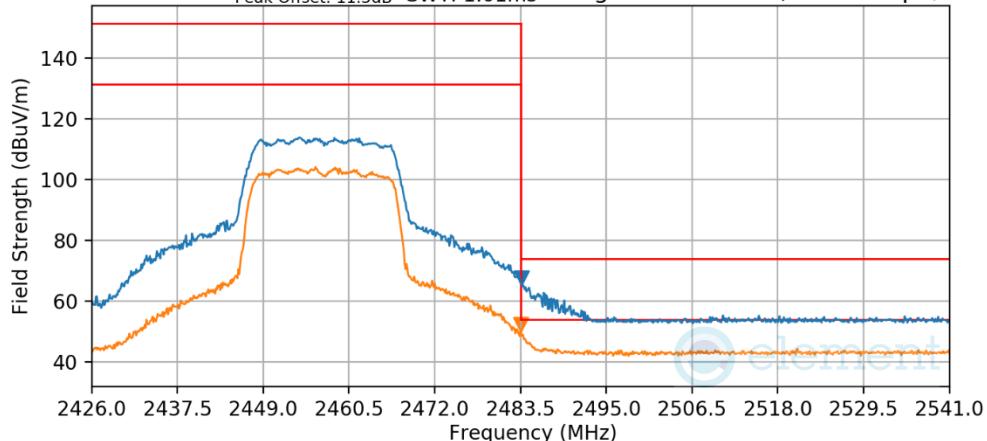


Plot 7-717. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 424 of 440

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

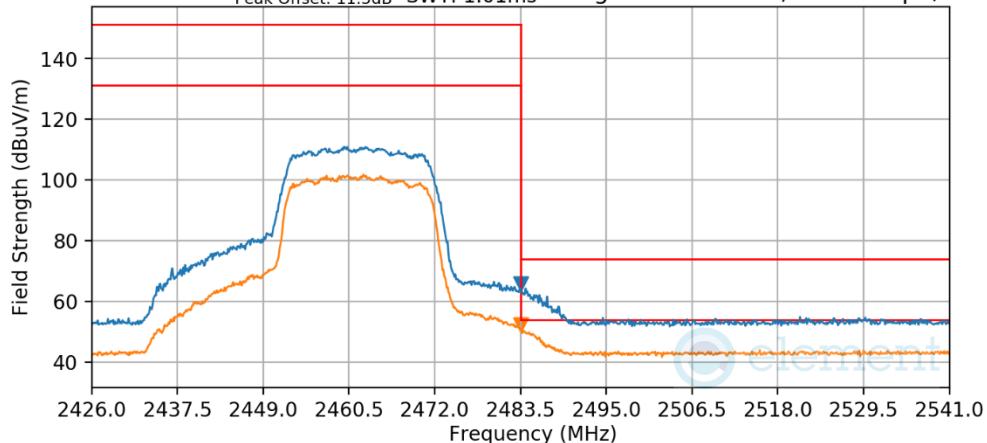
PASS Average Trace Peak Trace RBW: 1 MHz
Avg. Offset: 11.9dB VBW: 3 MHz
Peak Offset: 11.5dB SWT: 1.01ms Peak: 2483.61 MHz, 66.11 dB μ V/m
Avg: 2483.50 MHz, 50.78 dB μ V/m



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

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

PASS Average Trace Peak Trace RBW: 1 MHz
Avg. Offset: 11.7dB VBW: 3 MHz
Peak Offset: 11.5dB SWT: 1.01ms Peak: 2483.50 MHz, 64.22 dB μ V/m
Avg: 2483.50 MHz, 50.85 dB μ V/m

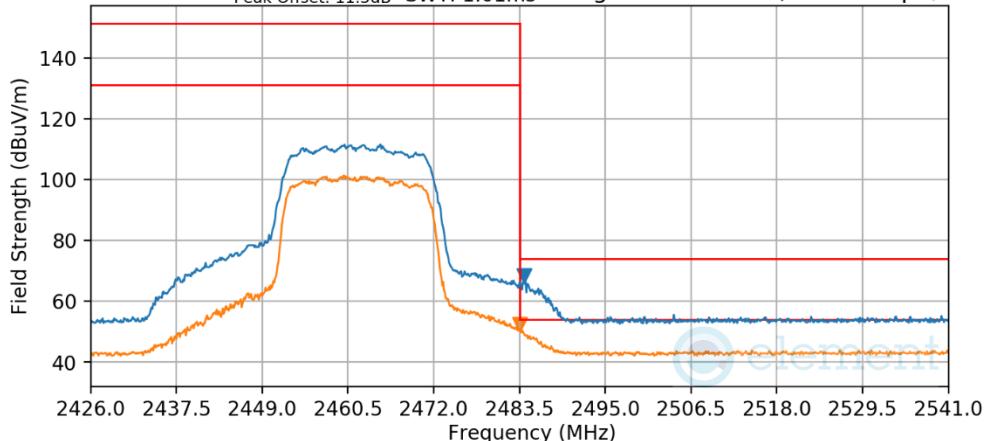


Plot 7-719. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 425 of 440

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

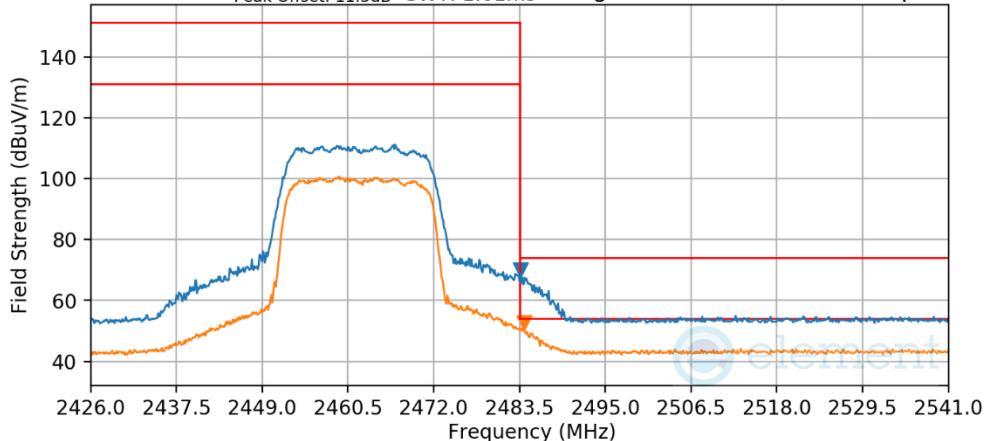
PASS Average Trace RBW: 1 MHz Peak: 2484.07 MHz, 66.96 dB μ V/m
 Peak Trace Avg. Offset: 11.8dB VBW: 3 MHz Avg: 2483.50 MHz, 50.97 dB μ V/m
 Peak Offset: 11.5dB SWT: 1.01ms



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

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

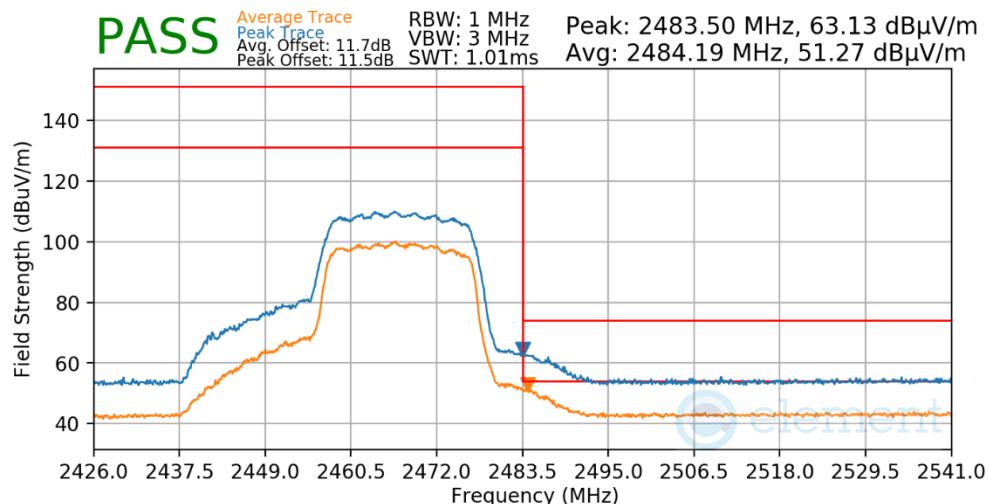
PASS Average Trace RBW: 1 MHz Peak: 2483.61 MHz, 68.68 dB μ V/m
 Peak Trace Avg. Offset: 11.9dB VBW: 3 MHz Avg: 2484.07 MHz, 51.12 dB μ V/m
 Peak Offset: 11.5dB SWT: 1.01ms



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

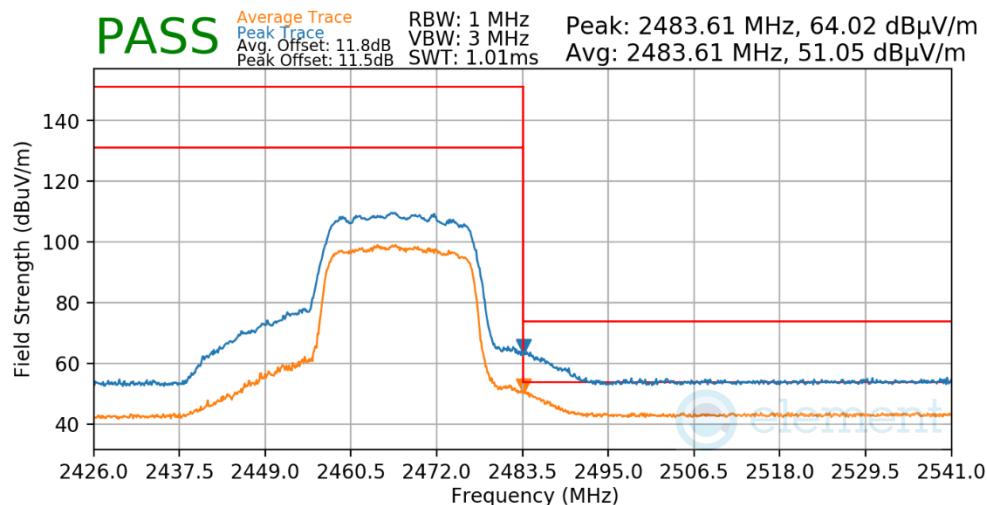
FCC ID: BCGA2757 IC: 579C-A2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 426 of 440

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



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

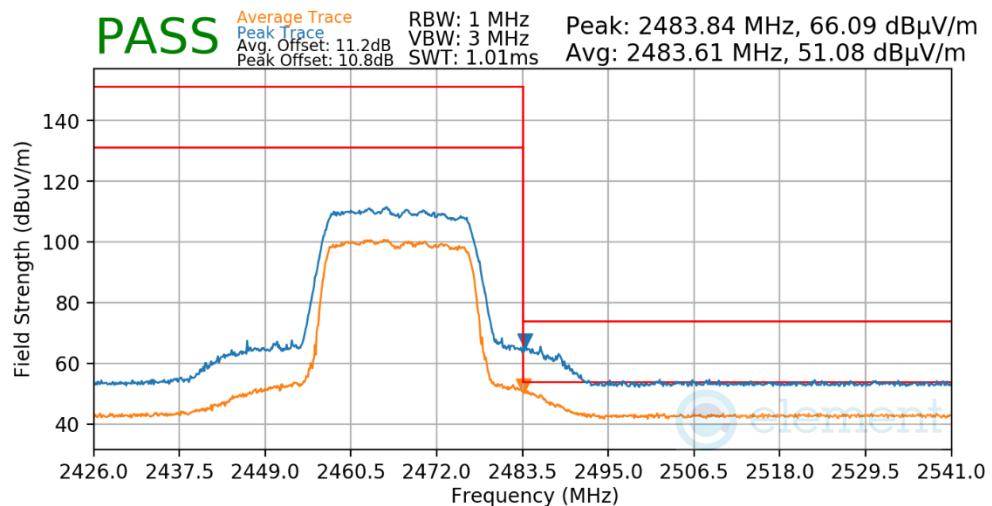
Mode: 802.11ax - SU
 Data Rate: MCS4
 Distance of Measurements: 3 Meters
 Operating Frequency: 2467MHz
 Channel: 12



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

FCC ID: BCGA2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 427 of 440

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



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

FCC ID: BCGA2757	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device		Page 428 of 440

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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 7-68 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 7-68. 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: BCGA2757 IC: 579C-A2757	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Test Setup

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

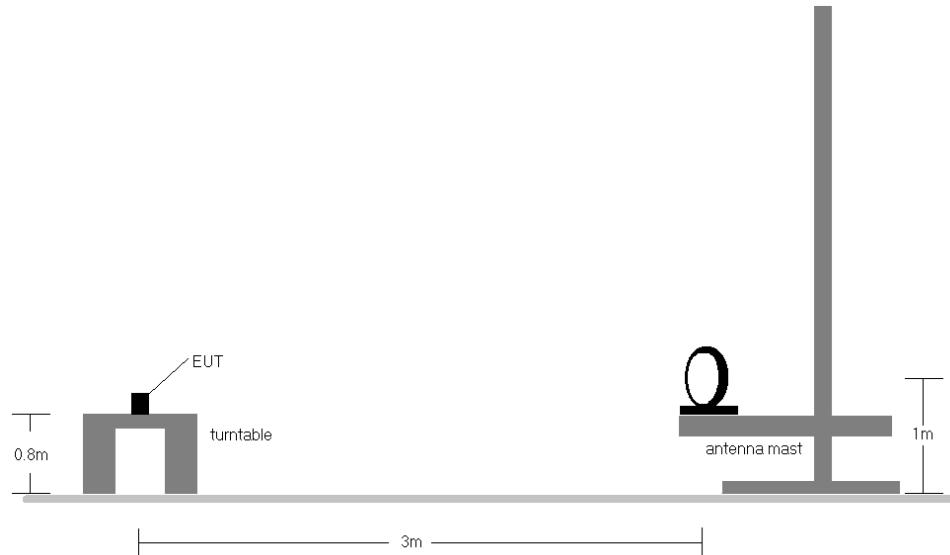


Figure 7-7. Radiated Test Setup < 30Mhz

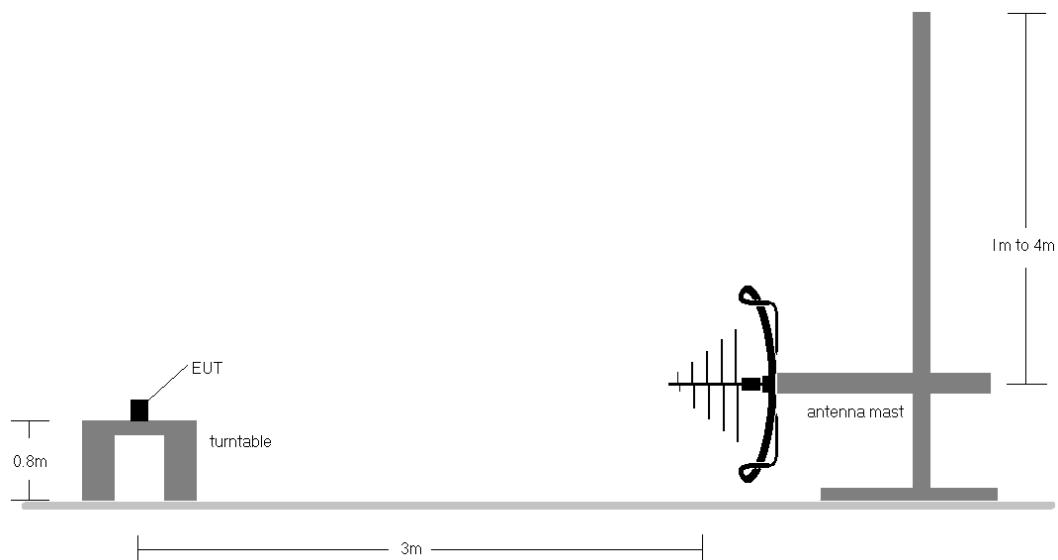


Figure 7-8. Radiated Test Setup < 1GHz

FCC ID: BCGA2757 IC: 579C-A2757	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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 7-68.
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

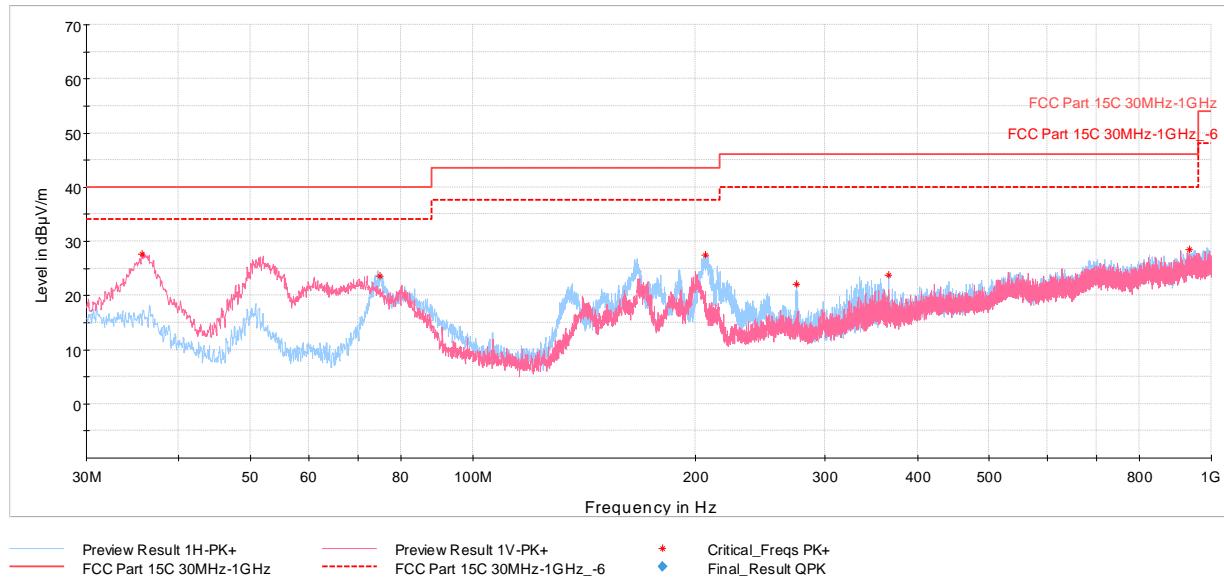
Determining Spurious Emissions Levels

- Field Strength Level $[\text{dB}_{\mu\text{V/m}}]$ = Analyzer Level $[\text{dBm}]$ + 107 + AFCL $[\text{dB/m}]$
- AFCL $[\text{dB/m}]$ = Antenna Factor $[\text{dB/m}]$ + 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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CDD Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]

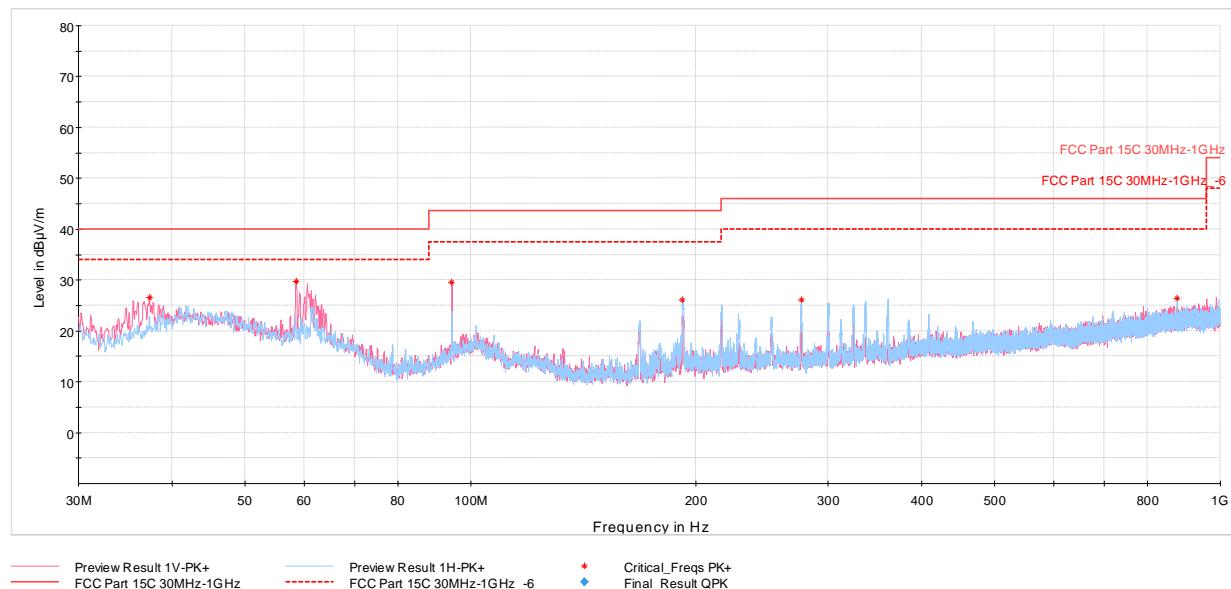


Plot 7-725. Radiated Spurious Emissions below 1GHz CDD 11n Ch.6, with AC/DC Adapter

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]
35.72	Max-Peak	V	100	92	-67.23	-12.21	27.56	40.00	-12.44
75.01	Max-Peak	H	200	151	-66.15	-17.27	23.58	40.00	-16.42
206.83	Max-Peak	H	100	275	-66.53	-12.92	27.55	43.52	-15.97
274.54	Max-Peak	H	100	316	-75.04	-9.96	22.00	46.02	-24.02
366.06	Max-Peak	H	100	165	-76.28	-6.88	23.84	46.02	-22.18
934.28	Max-Peak	H	200	117	-82.93	4.48	28.55	46.02	-17.47

Table 7-69. Radiated Spurious Emissions below 1GHz CDD 11n Ch.6, with AC/DC Adapter

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Plot 7-726. 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]
37.32	Max-Peak	V	100	90	-62.34	-18.15	26.51	40.00	-13.49
58.52	Max-Peak	V	100	15	-60.63	-16.63	29.74	40.00	-10.26
94.46	Max-Peak	V	100	230	-58.40	-19.06	29.54	43.52	-13.98
191.70	Max-Peak	H	100	197	-62.70	-18.18	26.12	43.52	-17.40
276.38	Max-Peak	H	100	143	-65.08	-15.76	26.16	46.02	-19.86
875.94	Max-Peak	H	300	234	-75.84	-4.77	26.39	46.02	-19.63

Table 7-70. Radiated Spurious Emissions below 1GHz CDD 11ax - SU Ch.6, with AC/DC Adapter

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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 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 7-71. 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

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Test Setup

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

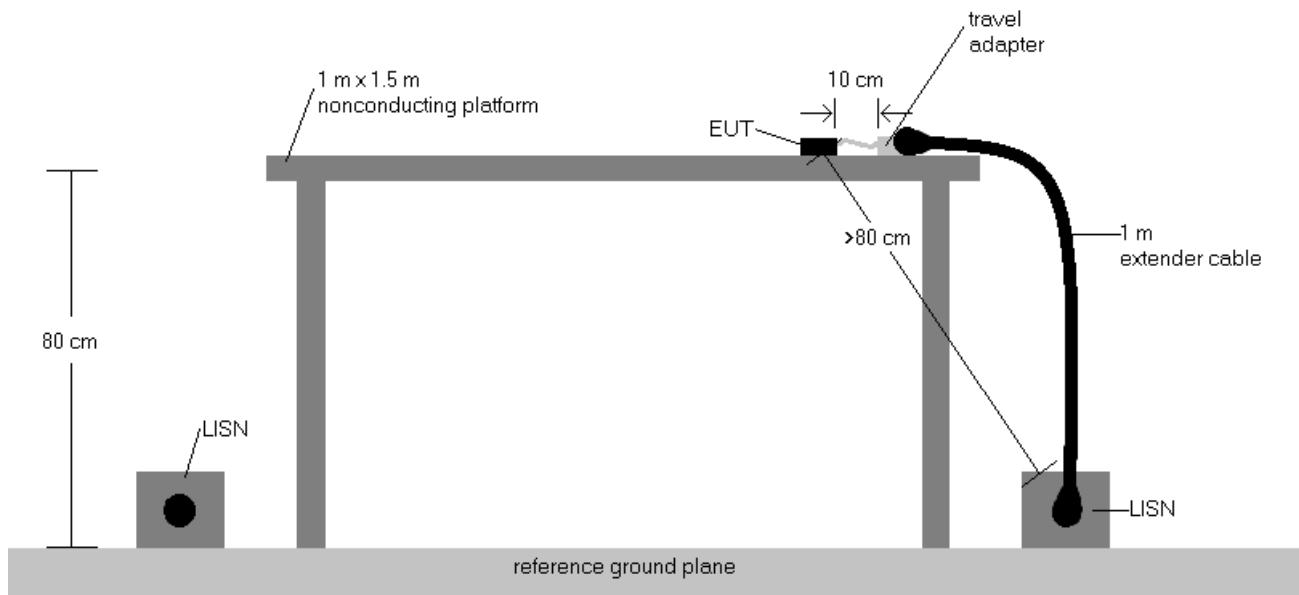
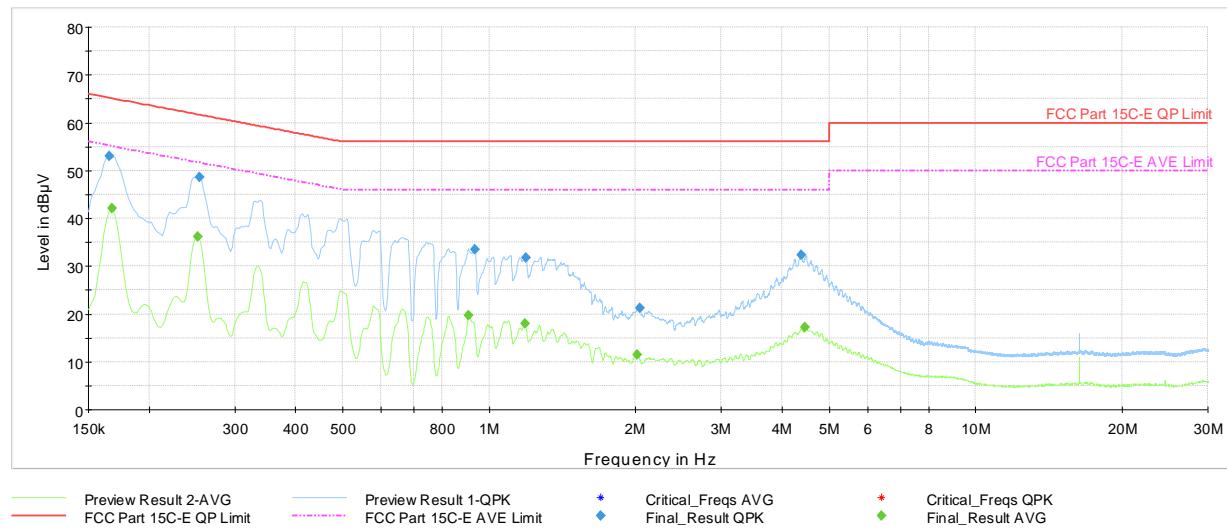


Figure 7-9. Test Instrument & Measurement Setup

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.
9. The unit was tested with all possible modes and only the highest emission is reported.

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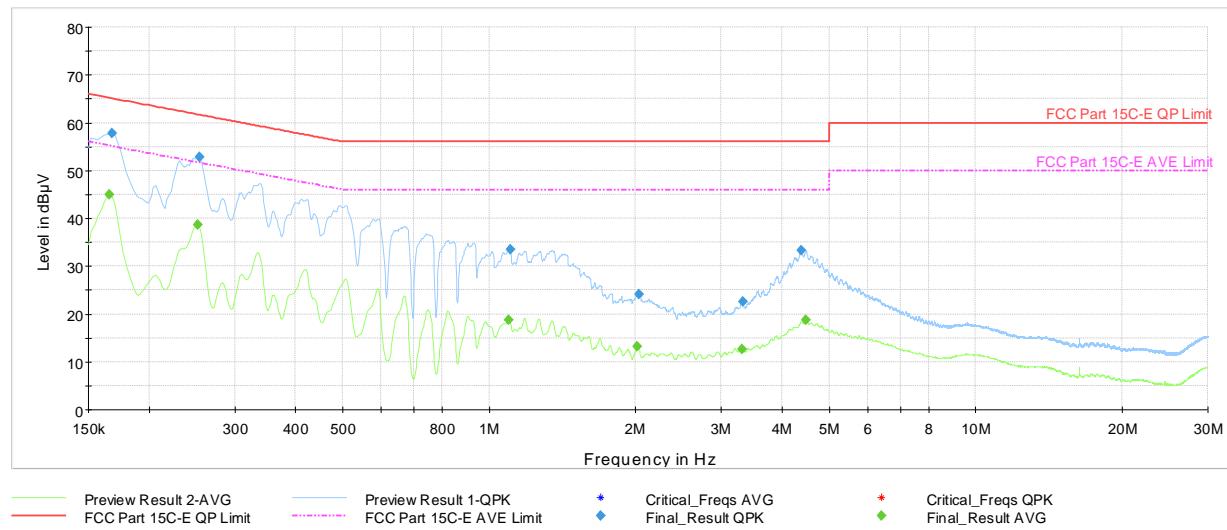


Plot 7-727. AC Line Conducted Plot with CDD 11n Ch.6 (L1, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.166	FINAL	53.0	—	65.17	-12.19	L1	GND
0.168	FINAL	—	42.04	55.06	-13.02	L1	GND
0.251	FINAL	—	36.15	51.72	-15.56	L1	GND
0.254	FINAL	48.6	—	61.64	-13.02	L1	GND
0.908	FINAL	—	19.62	46.00	-26.38	L1	GND
0.935	FINAL	33.6	—	56.00	-22.45	L1	GND
1.183	FINAL	—	17.96	46.00	-28.04	L1	GND
1.192	FINAL	31.8	—	56.00	-24.21	L1	GND
2.011	FINAL	—	11.53	46.00	-34.47	L1	GND
2.042	FINAL	21.3	—	56.00	-34.75	L1	GND
4.371	FINAL	32.3	—	56.00	-23.73	L1	GND
4.457	FINAL	—	17.15	46.00	-28.85	L1	GND

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

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-728. AC Line Conducted Plot with CDD 11n Ch.6 (N, with AC/DC Adapter)

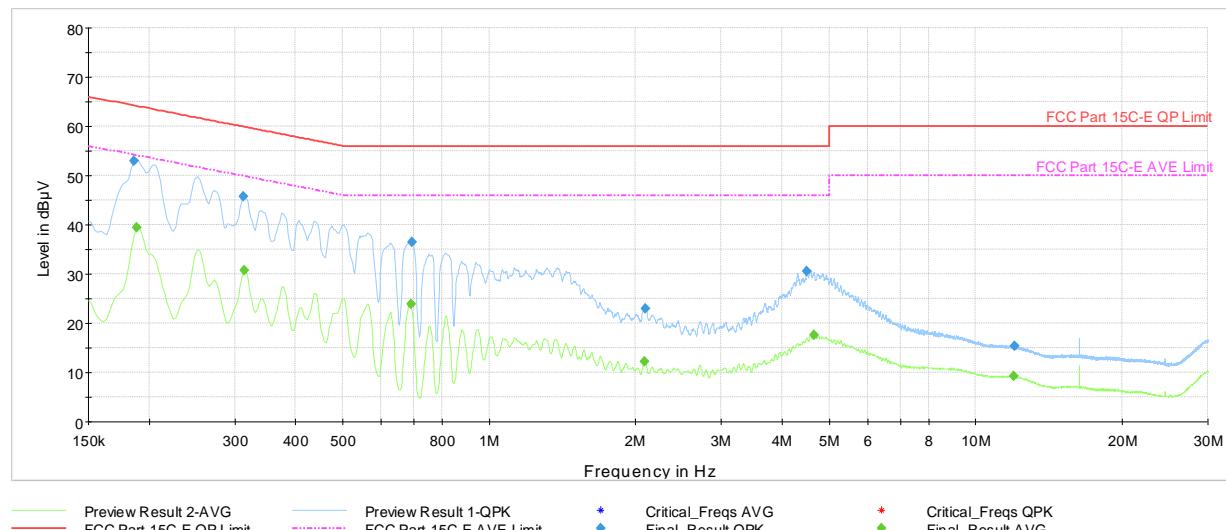
Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.166	FINAL	—	45.07	55.17	-10.11	N	GND
0.168	FINAL	57.8	—	65.06	-7.28	N	GND
0.251	FINAL	—	38.75	51.72	-12.96	N	GND
0.254	FINAL	52.8	—	61.64	-8.89	N	GND
1.095	FINAL	—	18.67	46.00	-27.33	N	GND
1.104	FINAL	33.5	—	56.00	-22.55	N	GND
2.011	FINAL	—	13.15	46.00	-32.85	N	GND
2.029	FINAL	24.1	—	56.00	-31.90	N	GND
3.314	FINAL	—	12.63	46.00	-33.37	N	GND
3.316	FINAL	22.6	—	56.00	-33.38	N	GND
4.371	FINAL	33.3	—	56.00	-22.66	N	GND
4.466	FINAL	—	18.67	46.00	-27.33	N	GND

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

FCC ID: BCGA2757 IC: 579C-A2757	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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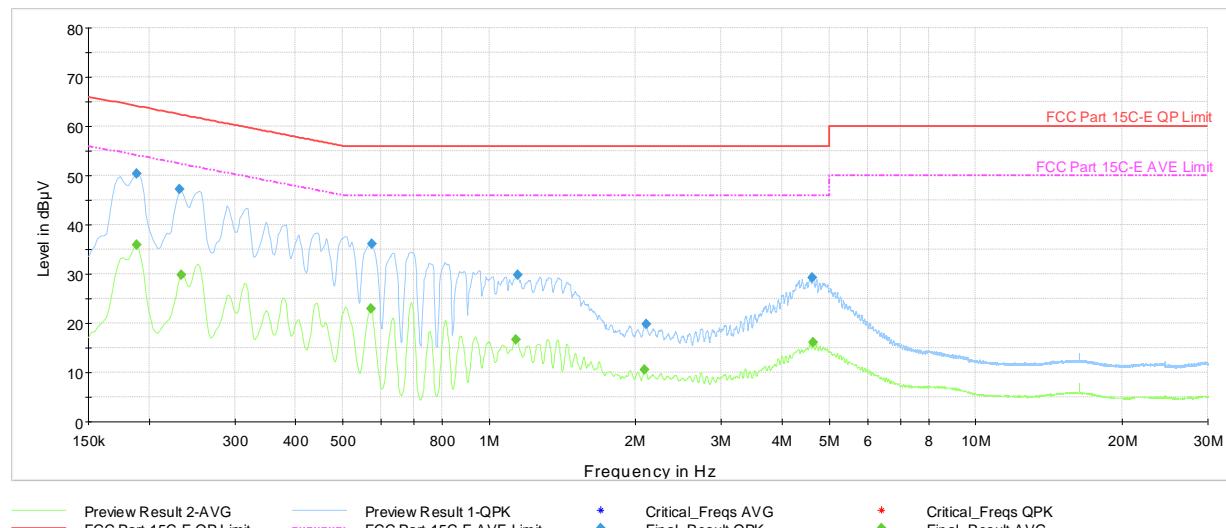


Plot 7-729. AC Line Conducted Plot with CDD 11ax - SU Ch.6 (L1, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.186	FINAL	53.0	—	64.21	-11.18	L1	GND
0.188	FINAL	—	39.46	54.11	-14.65	L1	GND
0.312	FINAL	45.7	—	59.92	-14.24	L1	GND
0.314	FINAL	—	30.80	49.86	-19.05	L1	GND
0.690	FINAL	—	23.83	46.00	-22.17	L1	GND
0.695	FINAL	36.4	—	56.00	-19.59	L1	GND
2.085	FINAL	—	12.14	46.00	-33.86	L1	GND
2.092	FINAL	22.9	—	56.00	-33.10	L1	GND
4.486	FINAL	30.6	—	56.00	-25.45	L1	GND
4.655	FINAL	—	17.52	46.00	-28.48	L1	GND
11.978	FINAL	—	9.18	50.00	-40.82	L1	GND
12.001	FINAL	15.3	—	60.00	-44.70	L1	GND

Table 7-74. AC Line Conducted Data with CDD 11ax - SU Ch.6 (L1, with AC/DC Adapter)

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Plot 7-730. 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
0.188	FINAL	—	35.95	54.11	18.16	N	GND
0.188	FINAL	50.4	—	64.11	13.73	N	GND
0.231	FINAL	47.2	—	62.41	15.22	N	GND
0.233	FINAL	—	29.88	52.33	22.45	N	GND
0.571	FINAL	—	22.90	46.00	23.10	N	GND
0.573	FINAL	36.2	—	56.00	19.82	N	GND
1.133	FINAL	—	16.70	46.00	29.30	N	GND
1.145	FINAL	29.8	—	56.00	26.18	N	GND
2.083	FINAL	—	10.51	46.00	35.49	N	GND
2.101	FINAL	19.8	—	56.00	36.22	N	GND
4.621	FINAL	29.2	—	56.00	26.80	N	GND
4.625	FINAL	—	16.04	46.00	29.96	N	GND

Table 7-75. AC Line Conducted Data with CDD 11ax - SU Ch.6 (N, with AC/DC Adapter)

FCC ID: BCGA2757 IC: 579C-A2757	 element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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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: BCGA2757, IC: 579C-A2757** 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.

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