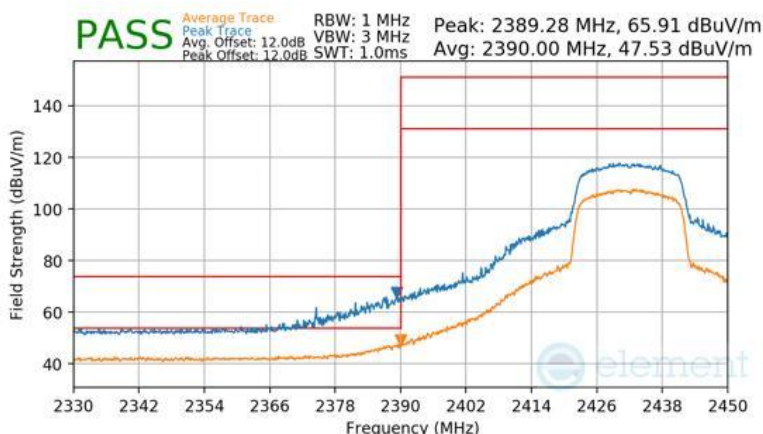


Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

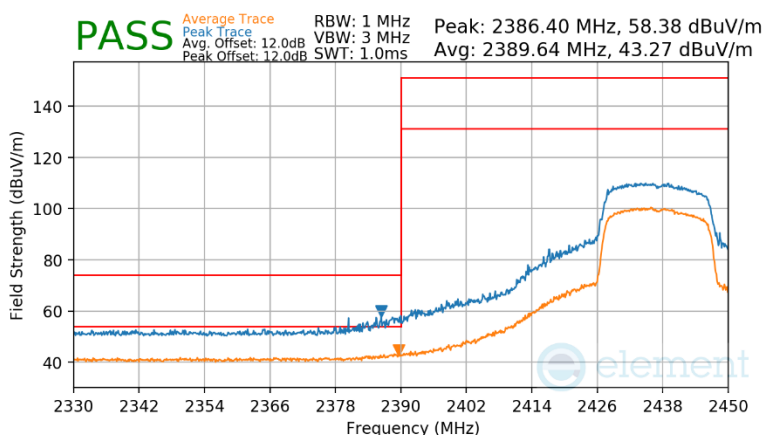
802.11be-SU
 MCS9
 3 Meters
 2432MHz
 5



Plot 7-201 Radiated Restricted Lower Band Edge Measurement Antenna WF2b

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2437MHz
 6



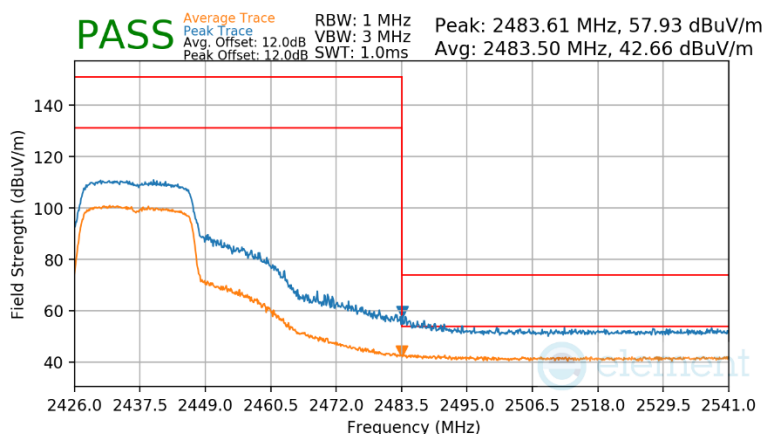
Plot 7-202 Radiated Restricted Lower Band Edge Measurement Antenna WF2b

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 147 of 181

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Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

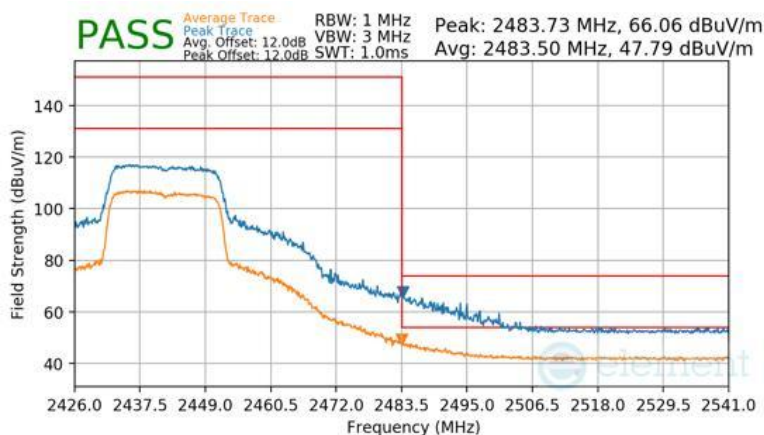
802.11be-SU
MCS9
3 Meters
2437MHz
6



Plot 7-203 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
MCS9
3 Meters
2442MHz
7



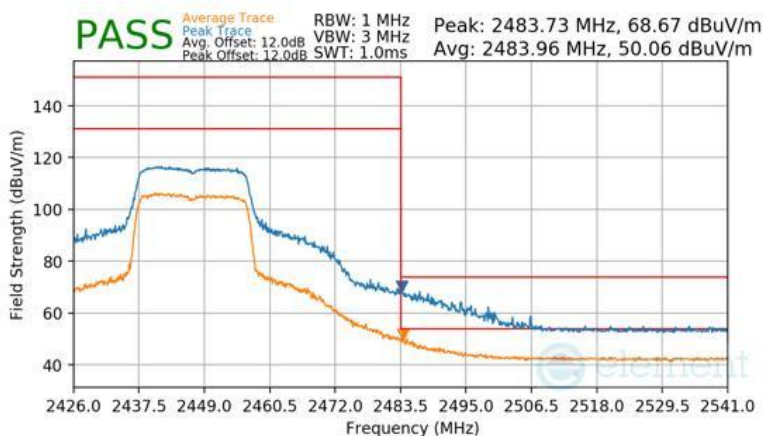
Plot 7-204 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 148 of 181

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Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

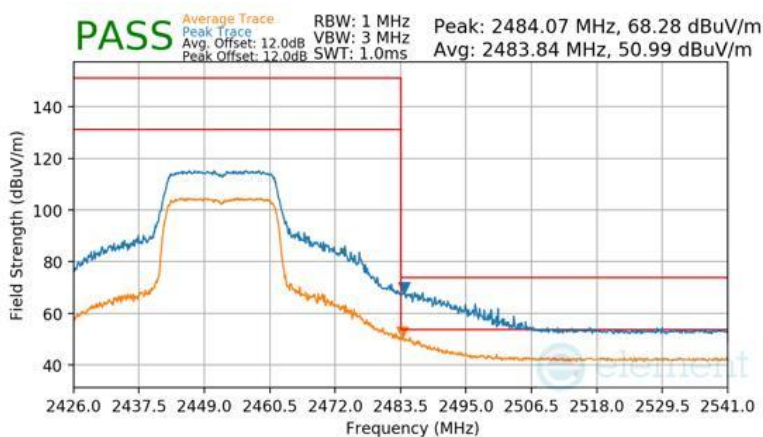
802.11be-SU
 MCS9
 3 Meters
 2447MHz
 8



Plot 7-205 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2452MHz
 9

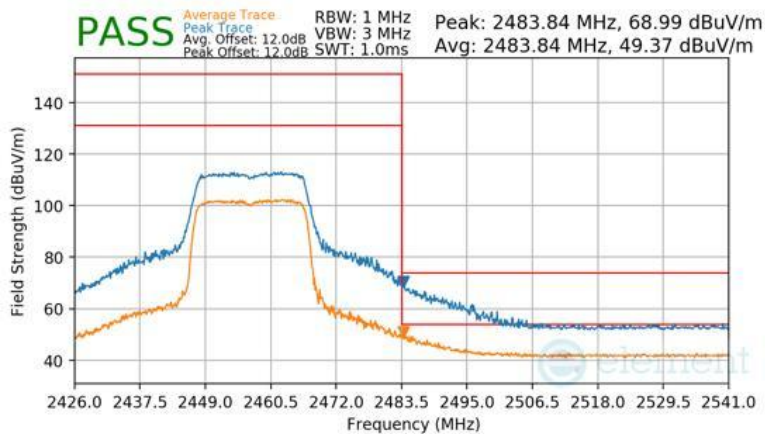


Plot 7-206 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 149 of 181

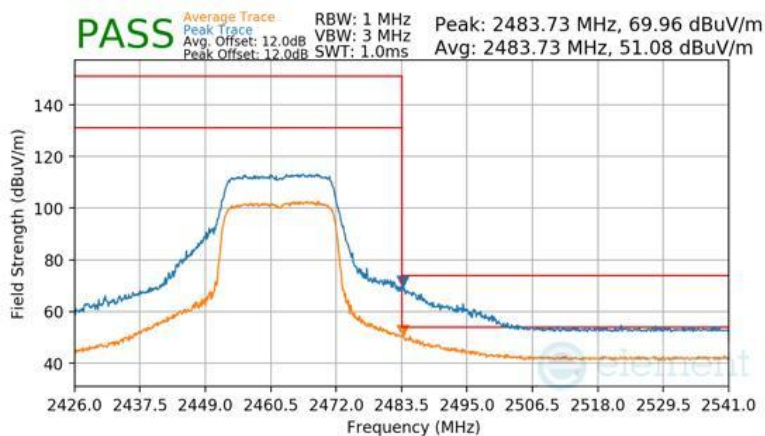
V 11.0 5/2025

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



Plot 7-207 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

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



Plot 7-208 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 150 of 181

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

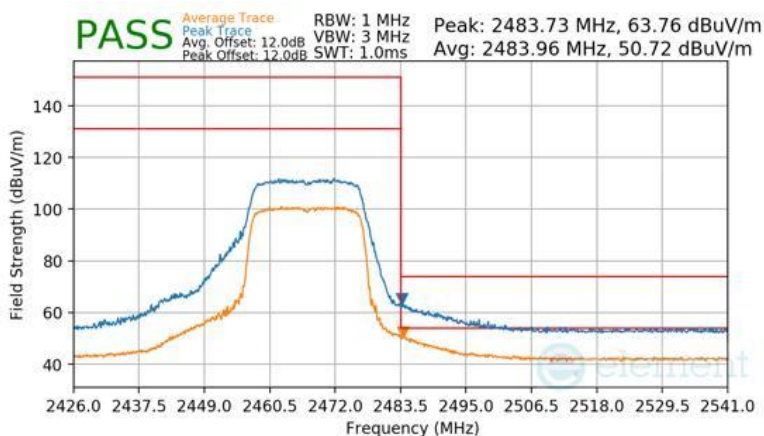
802.11be-SU

MCS9

3 Meters

2467MHz

12



Plot 7-209 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

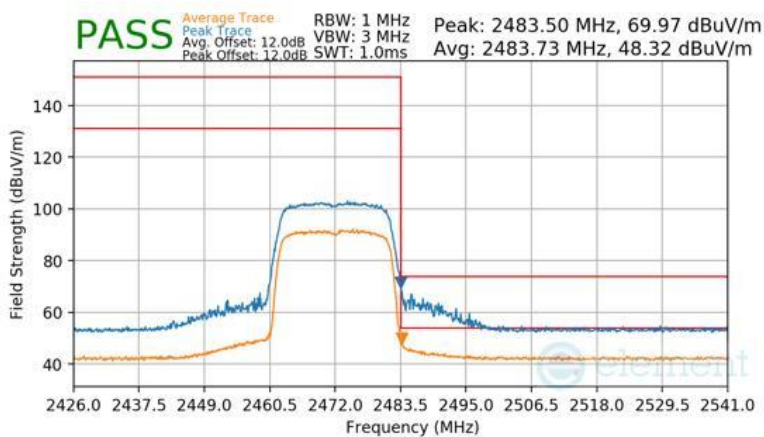
802.11be-SU

MCS9

3 Meters

2472MHz

13



Plot 7-210 Radiated Restricted Upper Band Edge Measurement Antenna WF2b

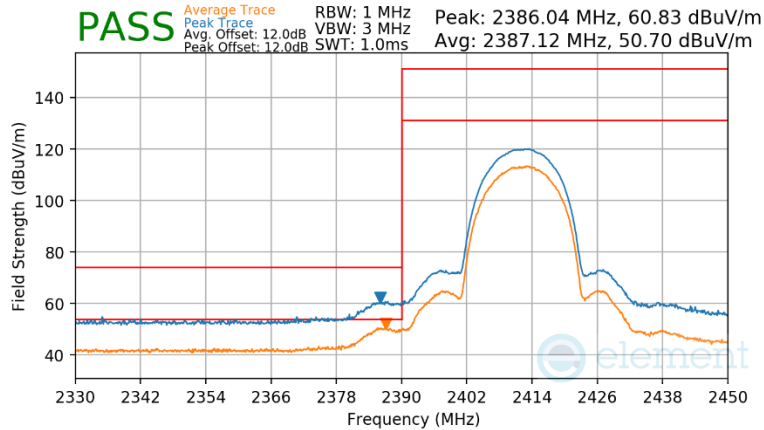
FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 151 of 181

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7.8.4 CDD Radiated Restricted Band Edge Measurements

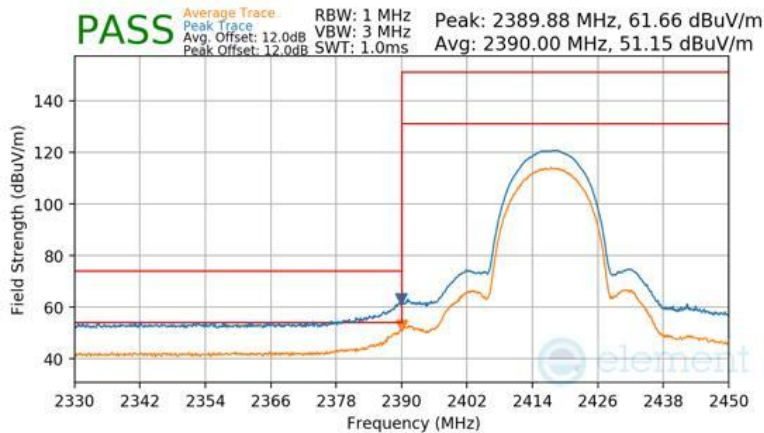
§15.205 §15.209; RSS-Gen [8.9]

Mode	802.11b
Data Rate	11Mbps
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



Plot 7-211 Radiated Restricted Lower Band Edge Measurement CDD

Mode	802.11b
Data Rate	11Mbps
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



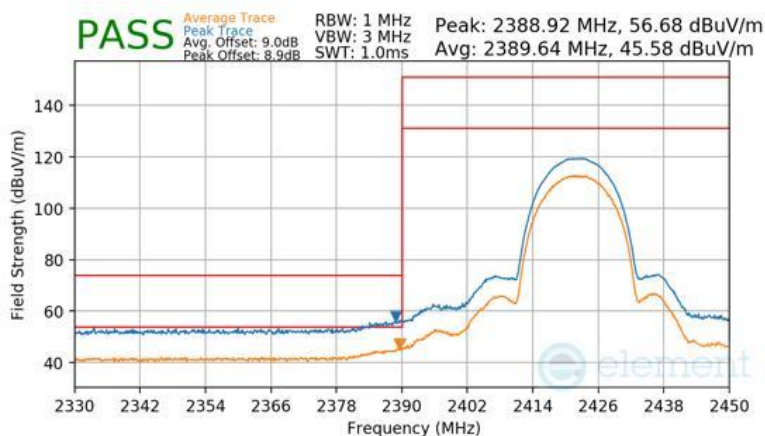
Plot 7-212 Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 152 of 181

V 11.0 5/2025

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

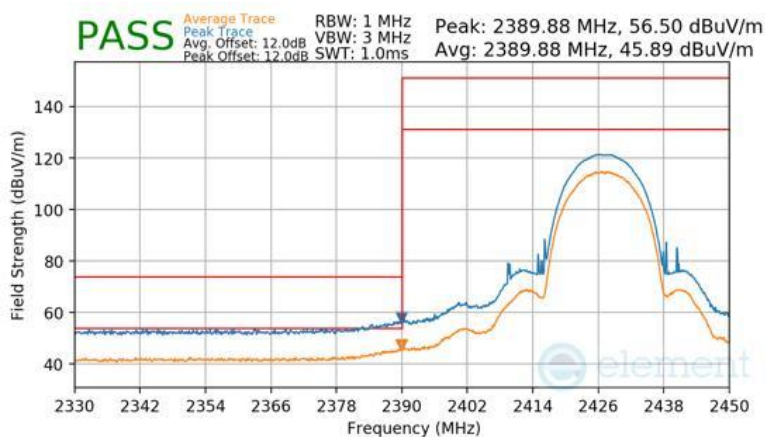
802.11b
 11Mbps
 3 Meters
 2422MHz
 3



Plot 7-213 Radiated Restricted Lower Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11b
 11Mbps
 3 Meters
 2427MHz
 4



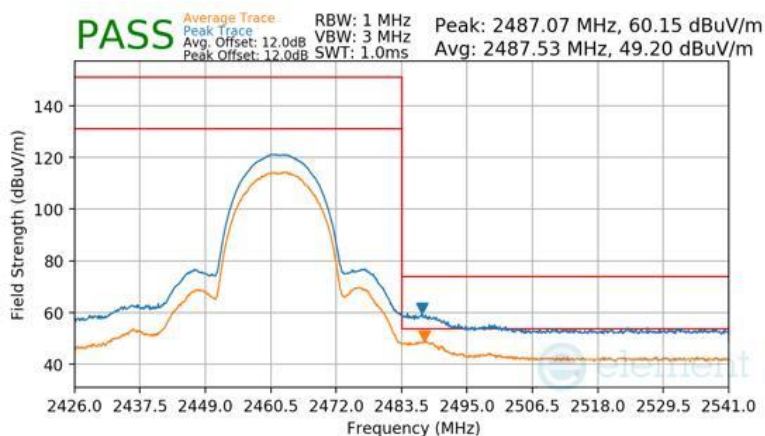
Plot 7-214 Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 153 of 181

V 11.0 5/2025

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

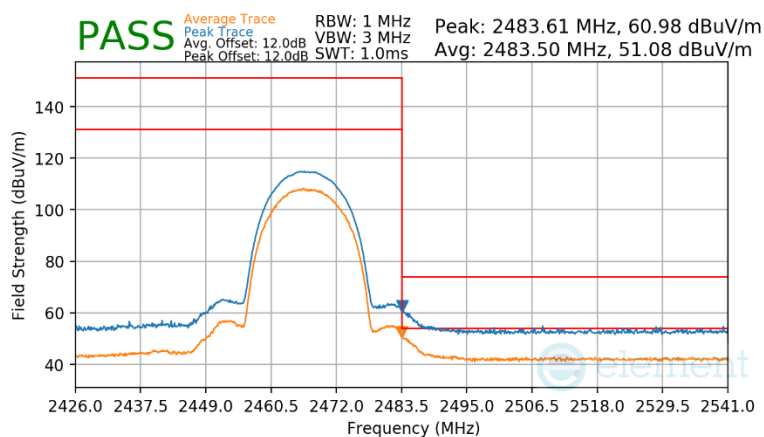
802.11b
 11Mbps
 3 Meters
 2462MHz
 11



Plot 7-215 Radiated Restricted Upper Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11b
 11Mbps
 3 Meters
 2467MHz
 12



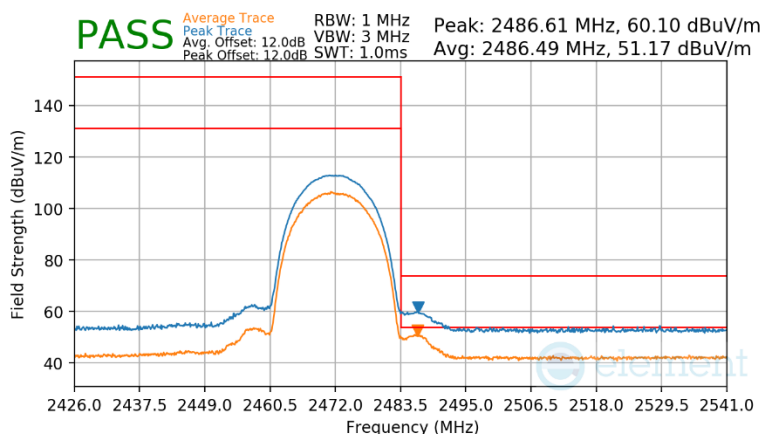
Plot 7-216 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 154 of 181

V 11.0 5/2025

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

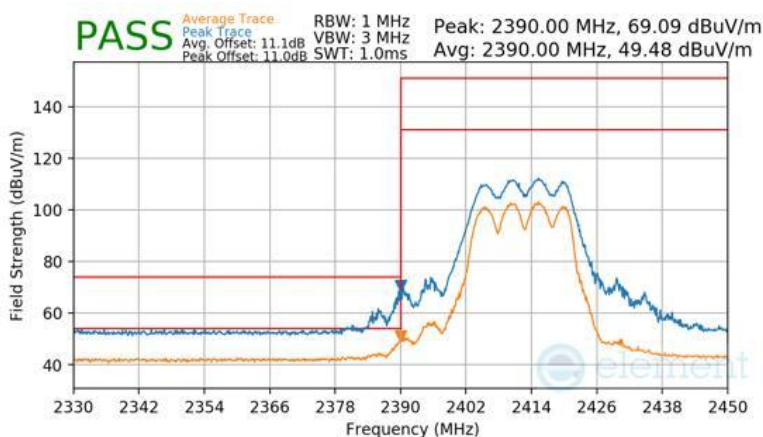
802.11b
 11Mbps
 3 Meters
 2472MHz
 13



Plot 7-217 Radiated Restricted Upper Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11n
 MCS7
 3 Meters
 2412MHz
 1

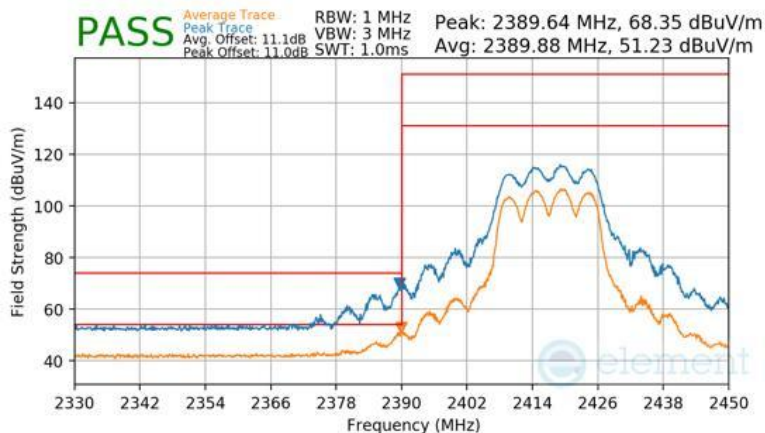


Plot 7-218 Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 155 of 181

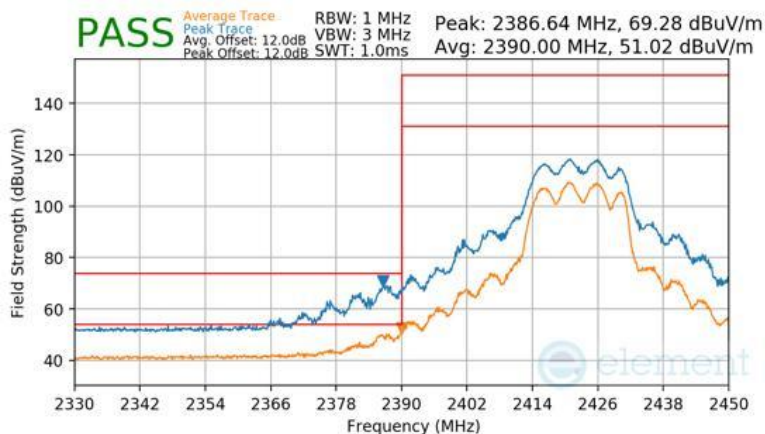
V 11.0 5/2025

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



Plot 7-219 Radiated Restricted Lower Band Edge Measurement CDD

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3

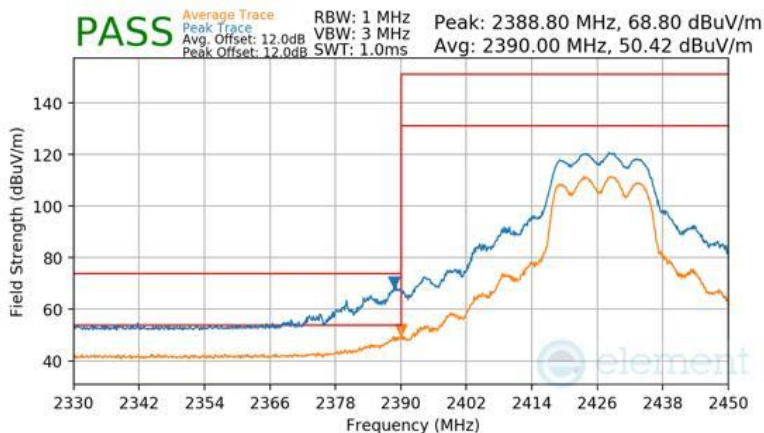


Plot 7-220 Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 156 of 181

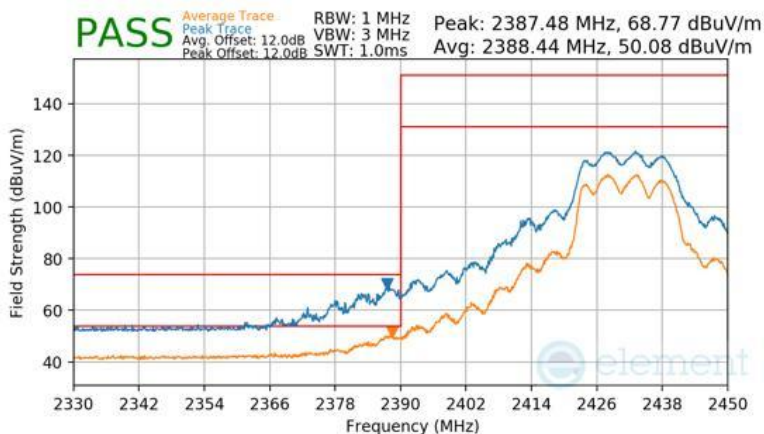
V 11.0 5/2025

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



Plot 7-221 Radiated Restricted Lower Band Edge Measurement CDD

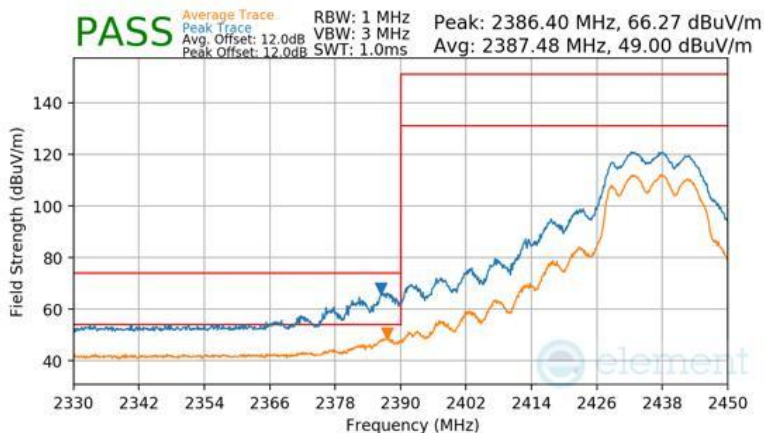
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



Plot 7-222 Radiated Restricted Lower Band Edge Measurement CDD

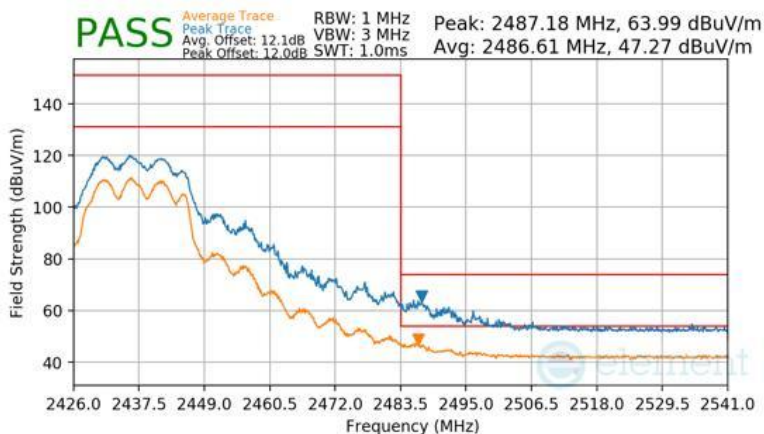
FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 157 of 181

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-223 Radiated Restricted Lower Band Edge Measurement CDD

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



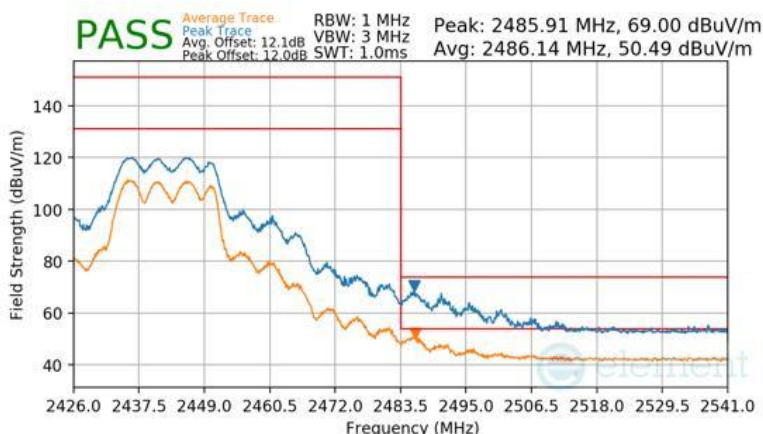
Plot 7-224 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 158 of 181

V 11.0 5/2025

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

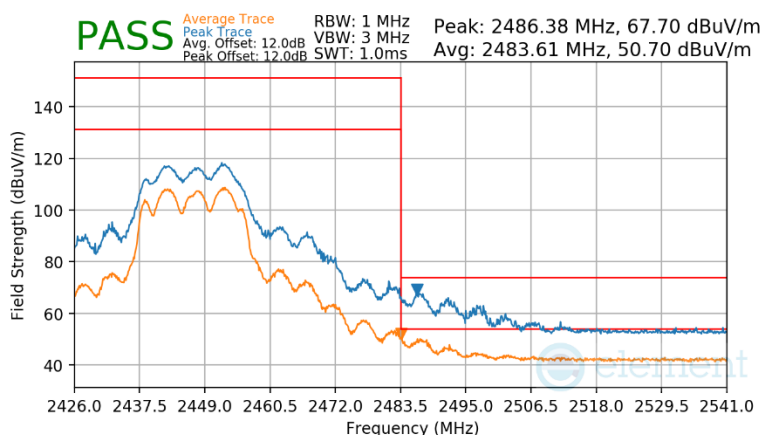
802.11n
MCS7
3 Meters
2442MHz
7



Plot 7-225 Radiated Restricted Upper Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11n
MCS7
3 Meters
2447MHz
8

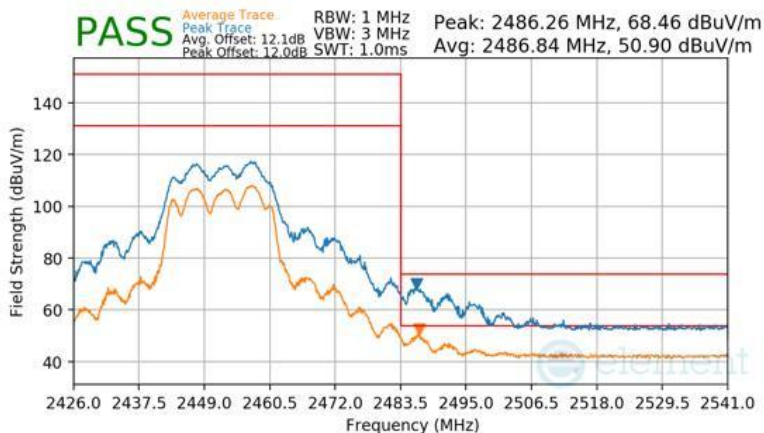


Plot 7-226 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 159 of 181

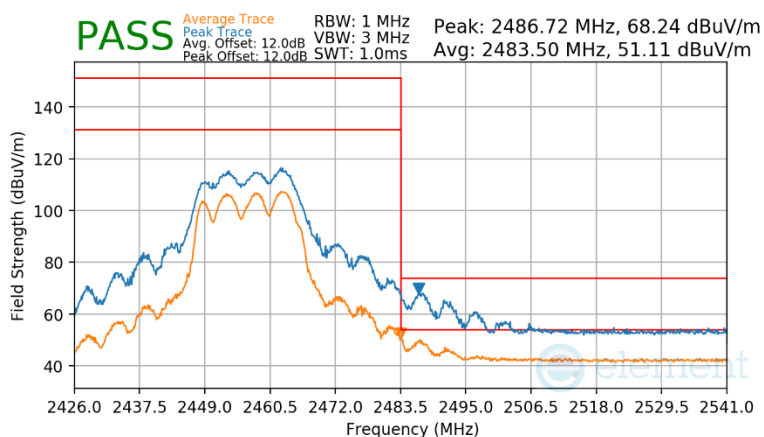
V 11.0 5/2025

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



Plot 7-227 Radiated Restricted Upper Band Edge Measurement CDD

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



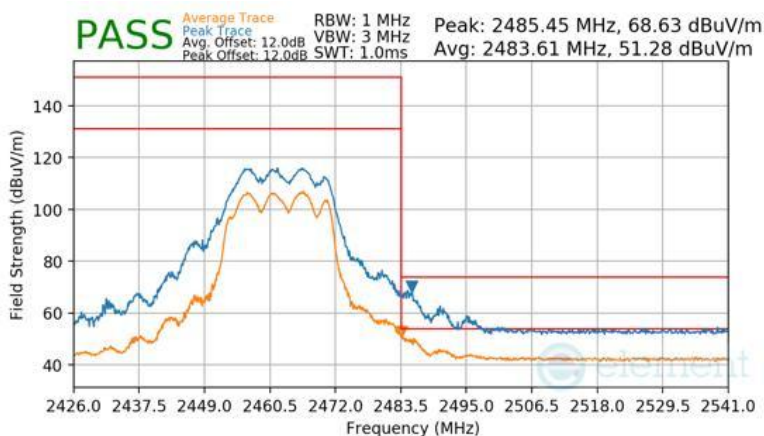
Plot 7-228 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 160 of 181

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Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

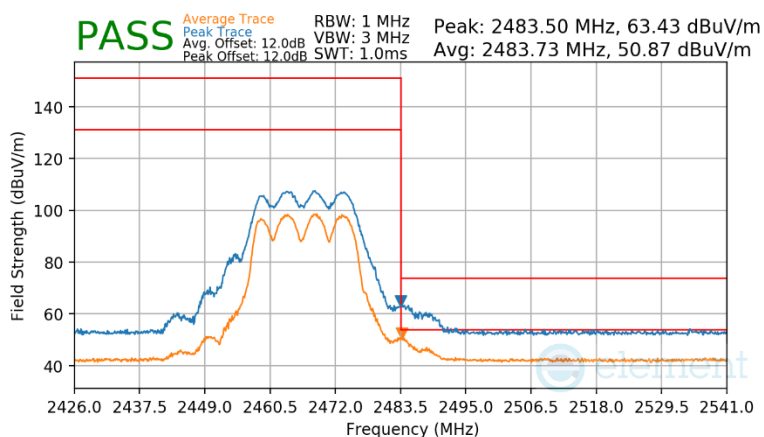
802.11n
 MCS7
 3 Meters
 2462MHz
 11



Plot 7-229 Radiated Restricted Upper Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11n
 MCS7
 3 Meters
 2467MHz
 12

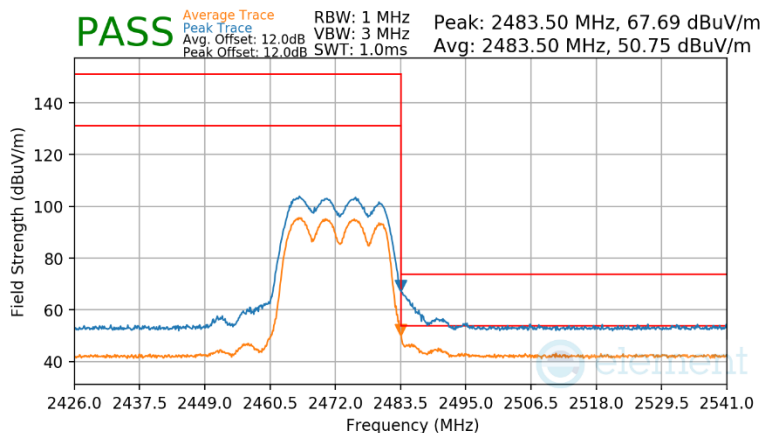


Plot 7-230 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 161 of 181

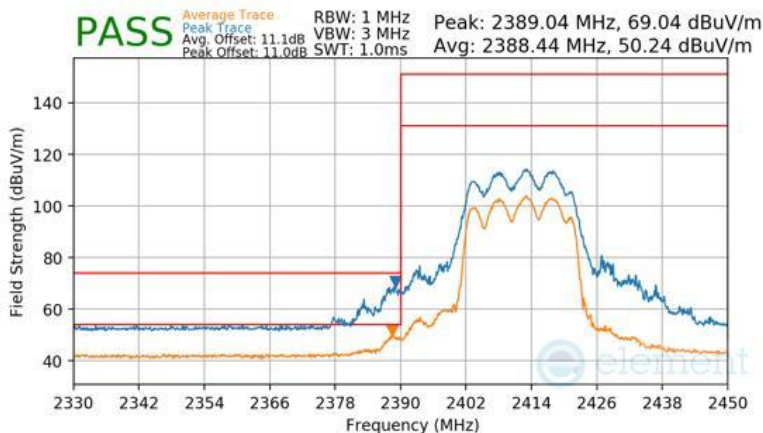
V 11.0 5/2025

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2472MHz
Channel	13



Plot 7-231 Radiated Restricted Upper Band Edge Measurement CDD

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

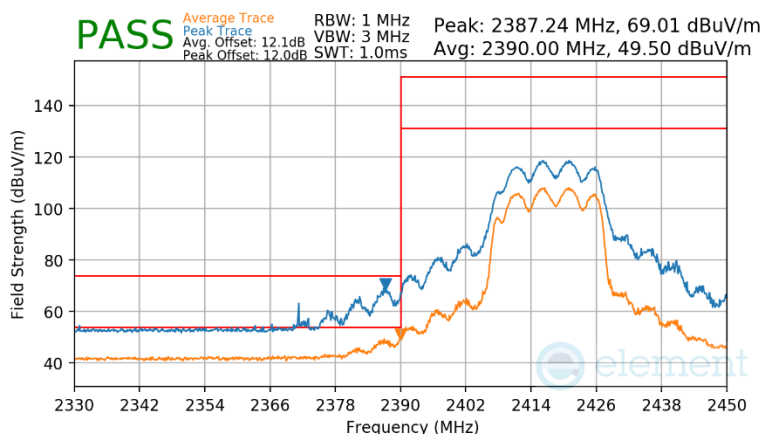


Plot 7-232 Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 162 of 181

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

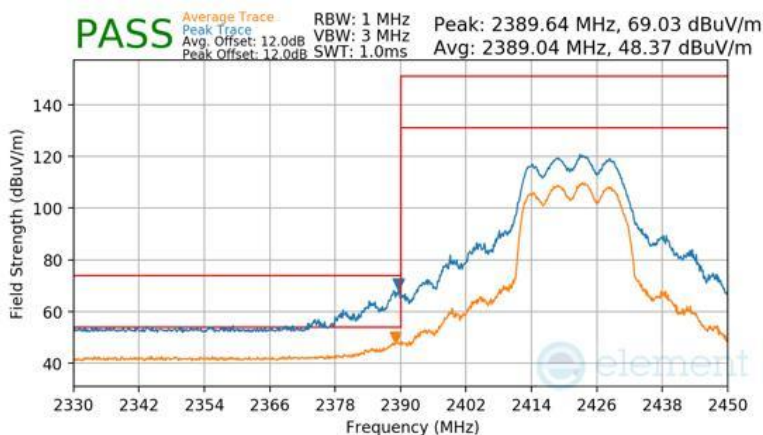
802.11be-SU
 MCS9
 3 Meters
 2417MHz
 2



Plot 7-233 Radiated Restricted Lower Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2422MHz
 3



Plot 7-234 Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 163 of 181

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Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2427MHz
 4



Plot 7-235 Radiated Restricted Lower Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2432MHz
 5

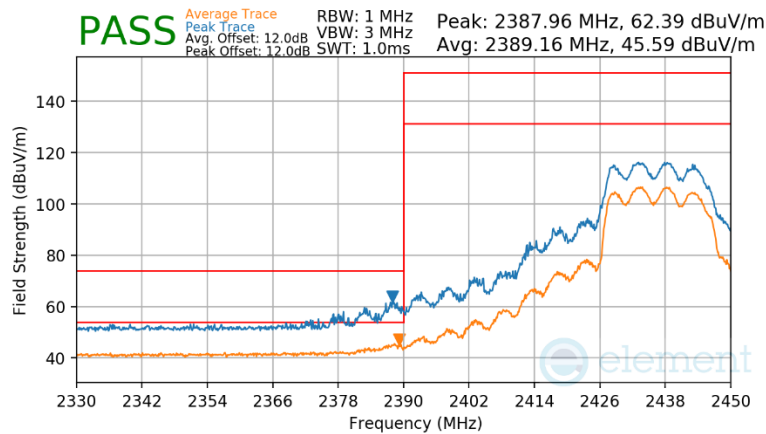


Plot 7-236 Radiated Restricted Lower Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 164 of 181

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

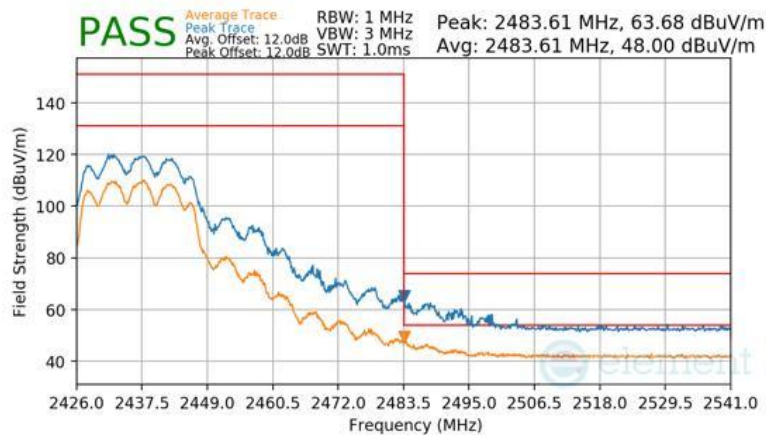
802.11be-SU
MCS9
3 Meters
2437MHz
6



Plot 7-237 Radiated Restricted Lower Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
MCS9
3 Meters
2437MHz
6



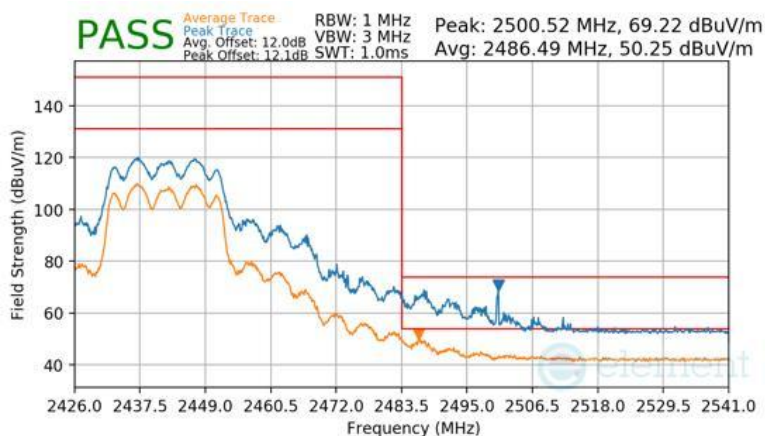
Plot 7-238 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 165 of 181

V 11.0 5/2025

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

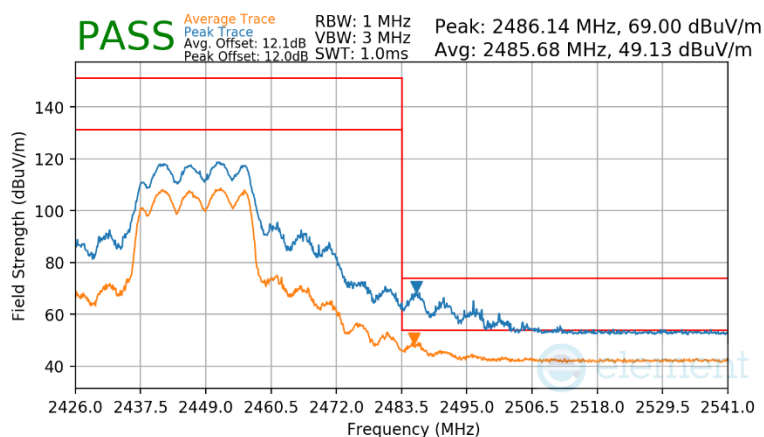
802.11be-SU
 MCS9
 3 Meters
 2442MHz
 7



Plot 7-239 Radiated Restricted Upper Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2447MHz
 8



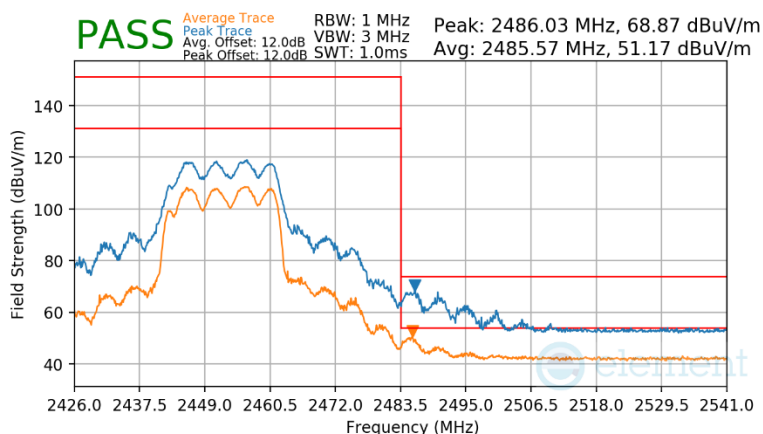
Plot 7-240 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 166 of 181

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Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

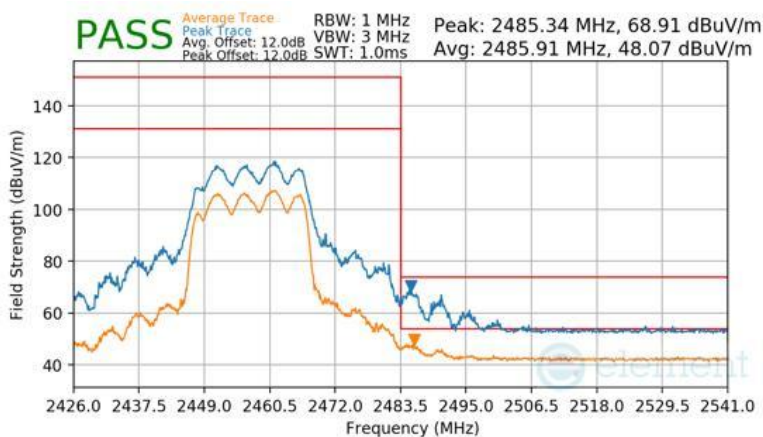
802.11be-SU
 MCS9
 3 Meters
 2452MHz
 9



Plot 7-241 Radiated Restricted Upper Band Edge Measurement CDD

Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2457MHz
 10

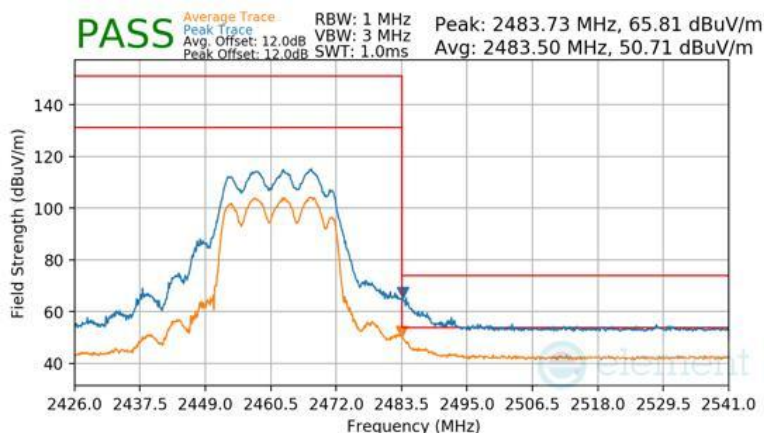


Plot 7-242 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-05-R1.BCG	Test Dates: 09/15/2025 - 01/09/2025	EUT Type: Tablet Device	Page 167 of 181

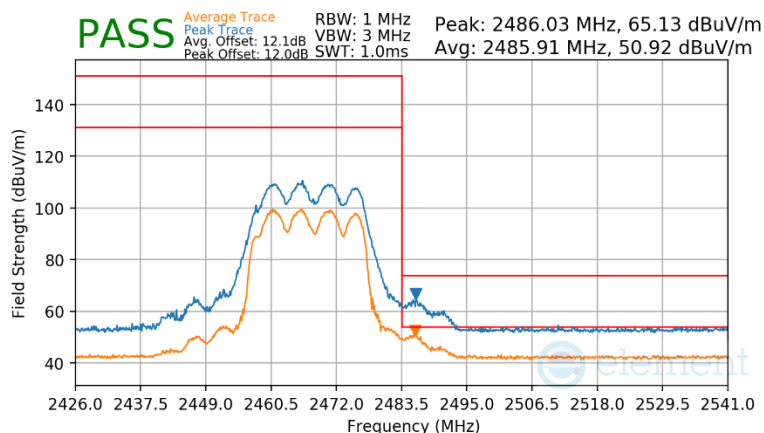
V 11.0 5/2025

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



Plot 7-243 Radiated Restricted Upper Band Edge Measurement CDD

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



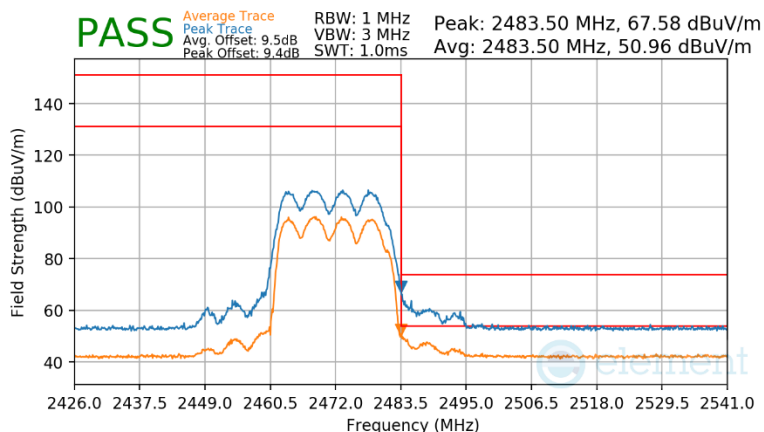
Plot 7-244 Radiated Restricted Upper Band Edge Measurement CDD

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Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11be-SU
 MCS9
 3 Meters
 2472MHz
 13



Plot 7-245 Radiated Restricted Upper Band Edge Measurement CDD

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7.9 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 7-31 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 7-31. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024

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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Test Setup

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

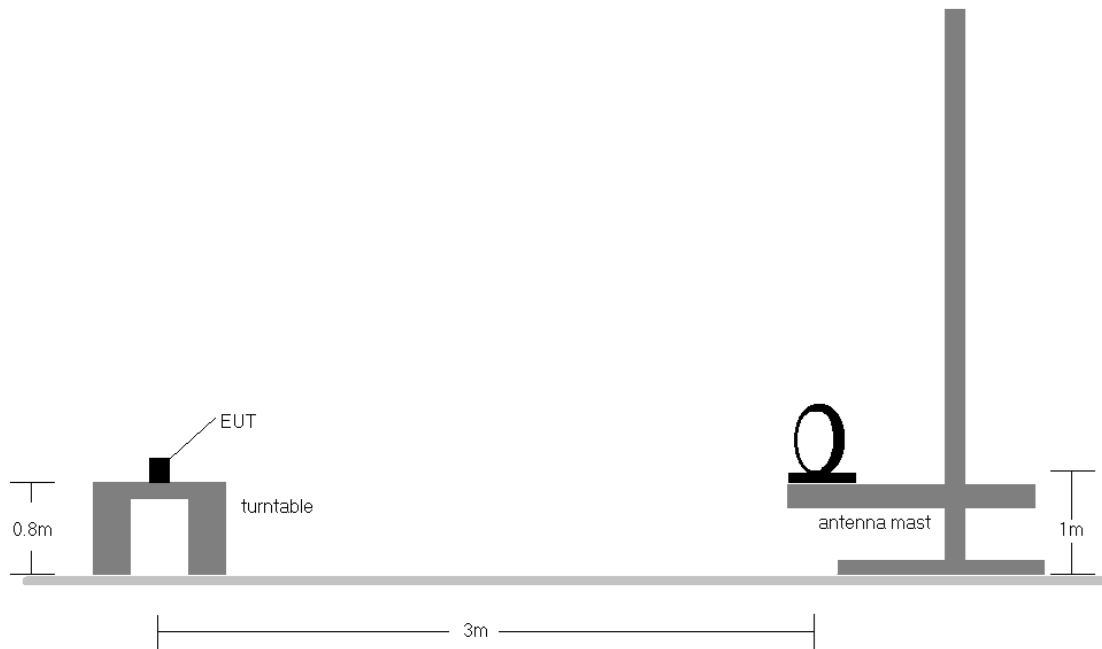


Figure 7-8. Radiated Test Setup < 30Mhz

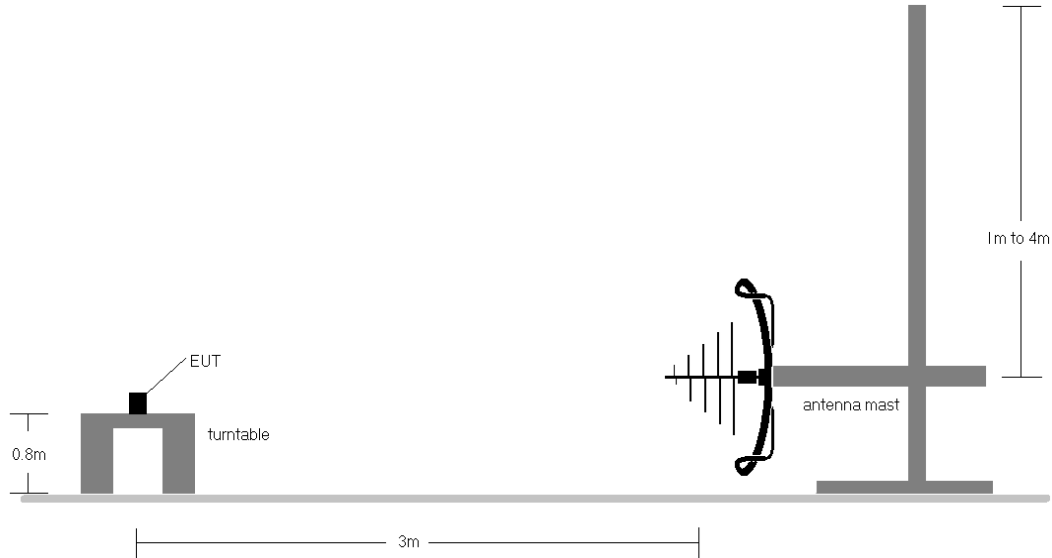


Figure 7-9. Radiated Test Setup < 1GHz

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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 7-31.
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 wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification.
11. The unit was tested with all possible modes and only the highest emission is reported.
12. All antenna configurations were investigated and only the worst case is reported.

Sample Calculations

Determining Spurious Emissions Levels

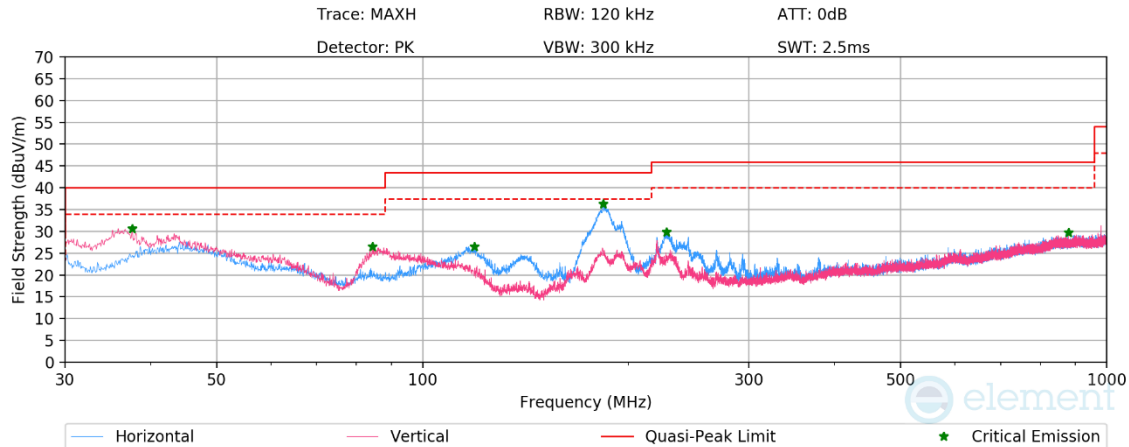
- Field Strength Level $[\text{dB}\mu\text{V/m}] = \text{Analyzer Level} [\text{dBm}] + 107 + \text{AFCL} [\text{dB/m}]$
- $\text{AFCL} [\text{dB/m}] = \text{Antenna Factor} [\text{dB/m}] + \text{Cable Loss} [\text{dB}] - \text{Preamplifier Gain} [\text{dB}]$
- $\text{Margin} [\text{dB}] = \text{Field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

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CDD Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



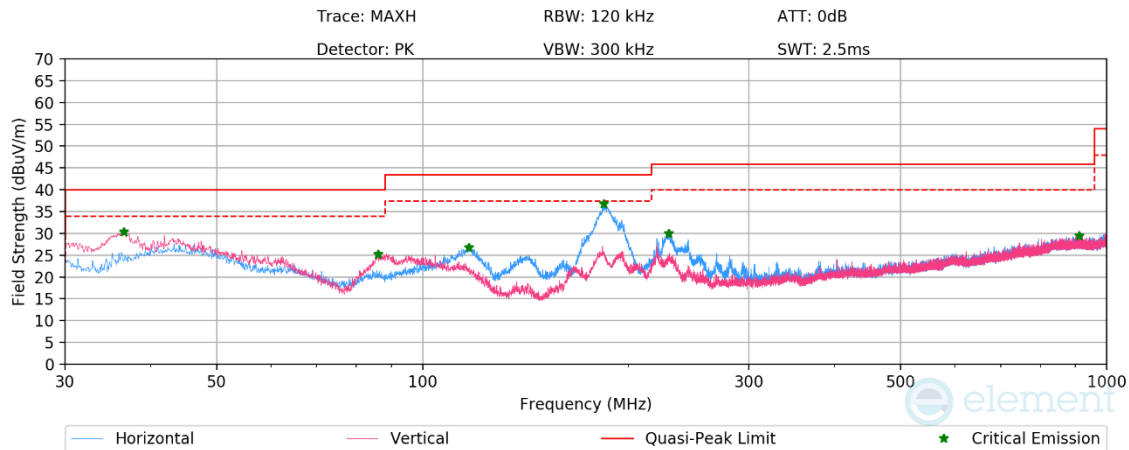
Plot 7-246. Radiated Spurious Emissions Below 1GHz CDD 11n Ch.6, with AC/DC Adaptor

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]
37.59	Max-Peak	V	100	-	-59.29	-17.08	30.63	40.00	-9.37
84.45	Max-Peak	V	100	-	-59.28	-21.24	26.48	40.00	-13.52
119.07	Max-Peak	H	300	-	-60.99	-19.52	26.49	43.50	-17.01
183.57	Max-Peak	H	100	-	-51.46	-19.24	36.30	43.50	-7.20
227.37	Max-Peak	H	100	-	-60.17	-16.93	29.90	46.00	-16.10
879.19	Max-Peak	V	300	-	-72.61	-4.64	29.75	46.00	-16.25

Table 7-32. Radiated Spurious Emissions Below 1GHz CDD 11n Ch.6, with AC/DC Adaptor

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Plot 7-247. Radiated Spurious Emissions Below 1GHz CDD 11be - SU Ch.6, with AC/DC Adaptor

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
36.57	Max-Peak	V	100	-	-59.13	-17.51	30.37	40.00	-9.63
86.07	Max-Peak	V	100	-	-61.01	-20.77	25.21	40.00	-14.79
116.73	Max-Peak	H	300	-	-61.13	-19.13	26.74	43.50	-16.76
183.81	Max-Peak	H	200	-	-50.95	-19.21	36.83	43.50	-6.67
229.05	Max-Peak	H	100	-	-60.10	-16.89	30.01	46.00	-15.99
911.17	Max-Peak	V	300	-	-73.43	-4.07	29.50	46.00	-16.50

Table 7-33. Radiated Spurious Emissions Below 1GHz CDD 11be - SU Ch.6, with AC/DC Adaptor

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.10 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 (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-34. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024, 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.

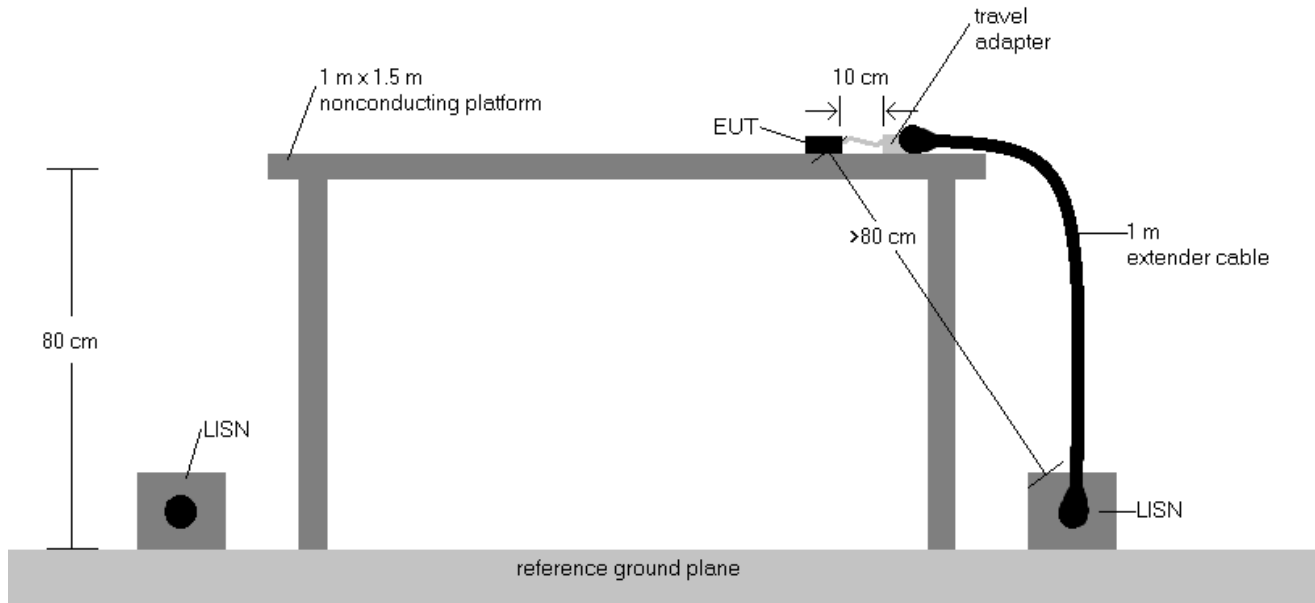


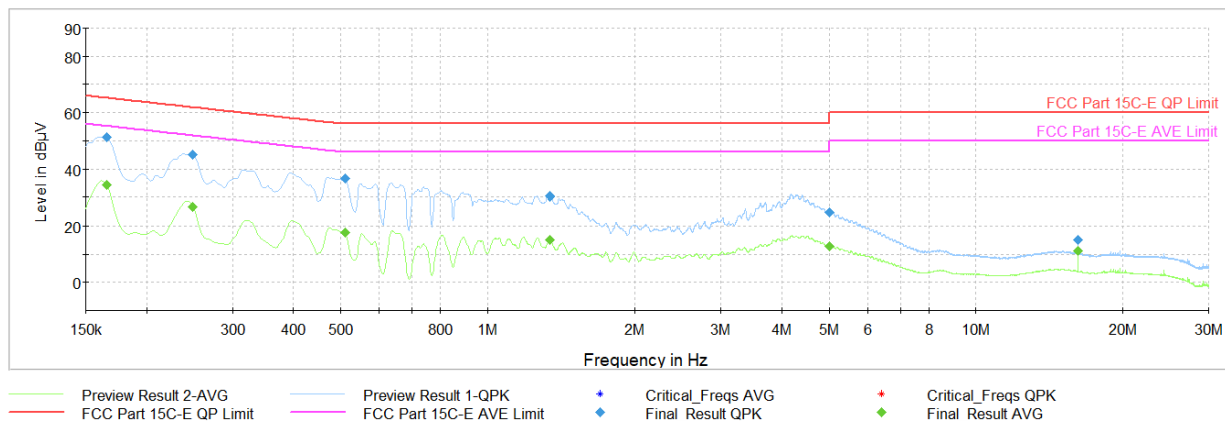
Figure 7-10. Test Instrument & Measurement Setup

Test Notes

- 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.
- Both configurations below were investigated, and the worst case has been reported.
 - EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - EUT powered by host PC via USB-C cable with wire charger
- The limit for an intentional radiator from 150kHz to 30MHz are specified in Part 15.207 and RSS-Gen(8.8).
- $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
- $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
- $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
- Traces shown in plot are made using quasi peak and average detectors.
- Deviations to the Specifications: None.
- The unit was tested with all possible modes and only the highest emission is reported.

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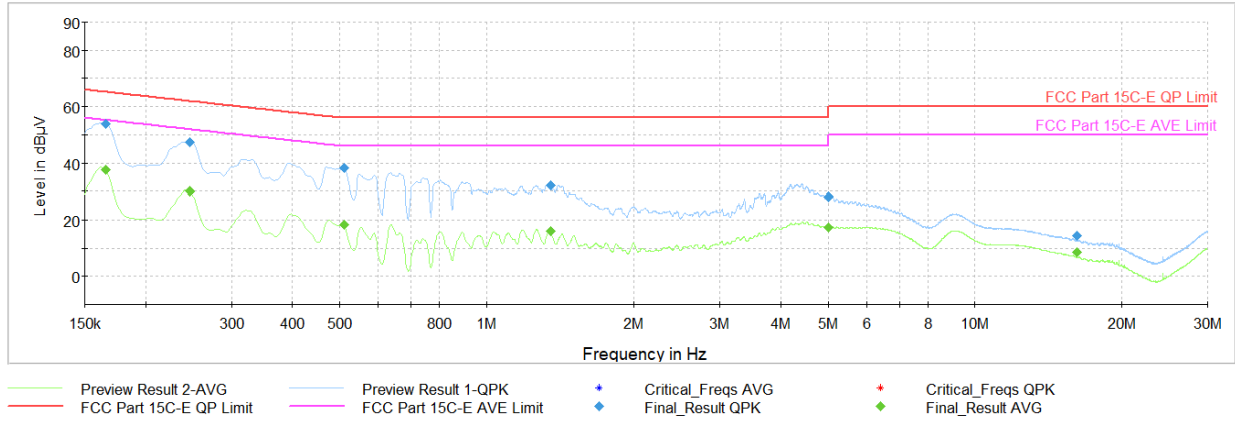
Plot 7-248. AC Line Conducted Plot with CDD 11n Ch.6 (L1, with AC/DC Adaptor)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	—	34.25	55.17	-20.92	L1	ON
0.166	FINAL	51.1	—	65.17	-14.08	L1	ON
0.249	FINAL	—	26.89	51.79	-24.90	L1	ON
0.249	FINAL	45.1	—	61.79	-16.69	L1	ON
0.510	FINAL	—	17.79	46.00	-28.21	L1	ON
0.510	FINAL	36.5	—	56.00	-19.49	L1	ON
1.345	FINAL	30.5	—	56.00	-25.50	L1	ON
1.345	FINAL	—	14.97	46.00	-31.03	L1	ON
5.010	FINAL	24.8	—	60.00	-35.22	L1	ON
5.010	FINAL	—	12.77	50.00	-37.23	L1	ON
16.172	FINAL	—	11.13	50.00	-38.87	L1	ON
16.172	FINAL	15.0	—	60.00	-44.97	L1	ON

Table 7-35. AC Line Conducted Data with CDD 11n Ch.6 (L1, with AC/DC Adaptor)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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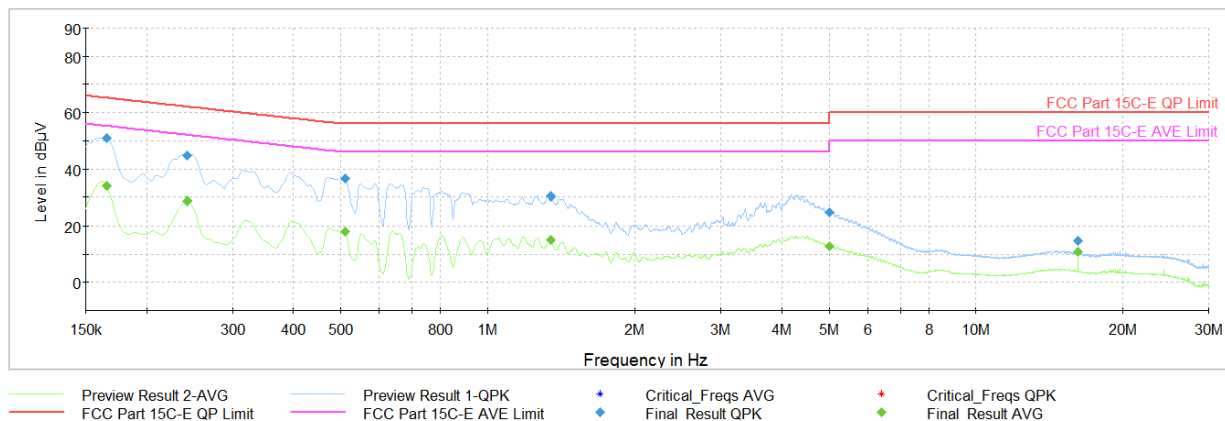
Plot 7-249. AC Line Conducted Plot with CDD 11n Ch.6 (N, with AC/DC Adaptor)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	—	37.48	55.17	-17.69	N	ON
0.166	FINAL	54.0	—	65.17	-11.18	N	ON
0.247	FINAL	—	29.99	51.87	-21.88	N	ON
0.247	FINAL	47.2	—	61.87	-14.62	N	ON
0.510	FINAL	—	18.22	46.00	-27.78	N	ON
0.510	FINAL	38.1	—	56.00	-17.91	N	ON
1.352	FINAL	32.1	—	56.00	-23.94	N	ON
1.352	FINAL	—	16.04	46.00	-29.96	N	ON
5.012	FINAL	28.1	—	60.00	-31.87	N	ON
5.012	FINAL	—	17.31	50.00	-32.69	N	ON
16.170	FINAL	—	8.70	50.00	-41.30	N	ON
16.170	FINAL	14.3	—	60.00	-45.69	N	ON

Table 7-36. AC Line Conducted Data with CDD 11n Ch.6 (N, with AC/DC Adaptor)

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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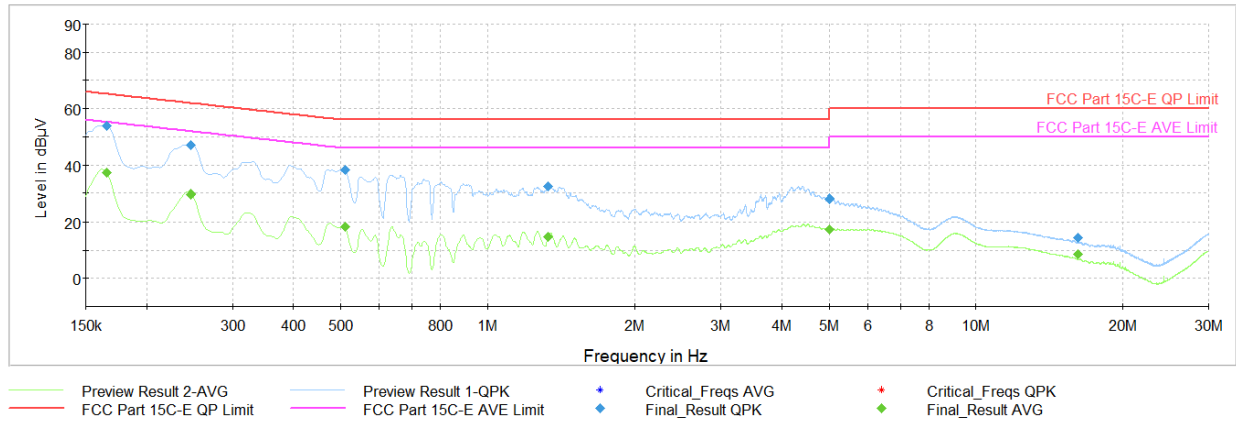
Plot 7-250. AC Line Conducted Plot with CDD 11be - SU Ch.6 (L1, with AC/DC Adaptor)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	—	34.12	55.17	-21.05	L1	ON
0.166	FINAL	50.9	—	65.17	-14.25	L1	ON
0.242	FINAL	—	28.77	52.02	-23.25	L1	ON
0.242	FINAL	44.9	—	62.02	-17.15	L1	ON
0.510	FINAL	—	18.01	46.00	-27.99	L1	ON
0.510	FINAL	36.6	—	56.00	-19.37	L1	ON
1.347	FINAL	30.5	—	56.00	-25.53	L1	ON
1.347	FINAL	—	15.09	46.00	-30.91	L1	ON
5.008	FINAL	24.8	—	60.00	-35.22	L1	ON
5.010	FINAL	—	12.68	50.00	-37.32	L1	ON
16.163	FINAL	—	10.81	50.00	-39.19	L1	ON
16.163	FINAL	14.9	—	60.00	-45.09	L1	ON

Table 7-37. AC Line Conducted Data with CDD 11be - SU Ch.6 (L1, with AC/DC Adaptor)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-251. AC Line Conducted Plot with CDD 11be - SU Ch.6 (N, with AC/DC Adaptor)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	—	37.37	55.17	-17.80	N	ON
0.166	FINAL	53.8	—	65.17	-11.33	N	ON
0.247	FINAL	—	29.89	51.87	-21.97	N	ON
0.247	FINAL	47.1	—	61.87	-14.75	N	ON
0.510	FINAL	—	18.30	46.00	-27.70	N	ON
0.510	FINAL	38.1	—	56.00	-17.92	N	ON
1.331	FINAL	32.4	—	56.00	-23.61	N	ON
1.331	FINAL	—	14.79	46.00	-31.21	N	ON
5.008	FINAL	28.2	—	60.00	-31.81	N	ON
5.008	FINAL	—	17.40	50.00	-32.60	N	ON
16.163	FINAL	—	8.60	50.00	-41.40	N	ON
16.163	FINAL	14.3	—	60.00	-45.67	N	ON

Table 7-38. AC Line Conducted Data with CDD 11be - SU Ch.6 (N, with AC/DC Adaptor)

FCC ID: BCGA3461 IC: 579C-A3461		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: BCGA3461, IC: 579C-A3461** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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