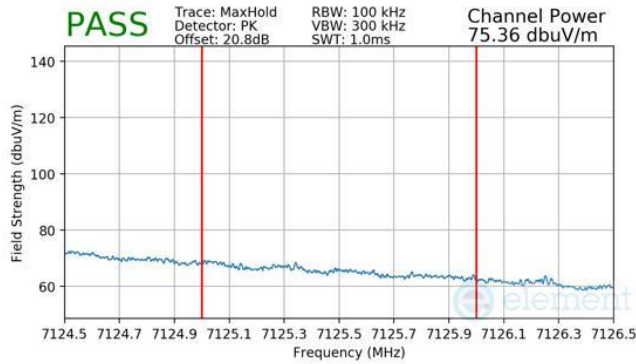
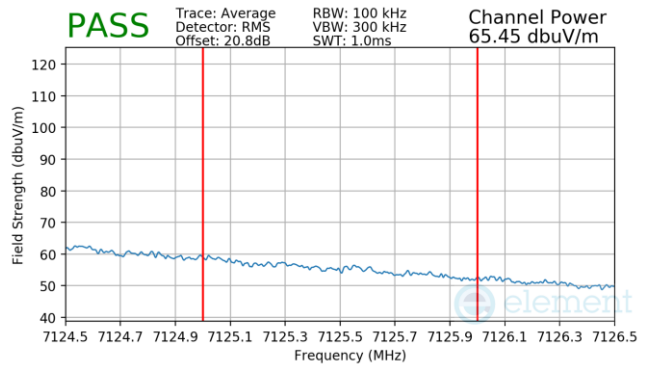


Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

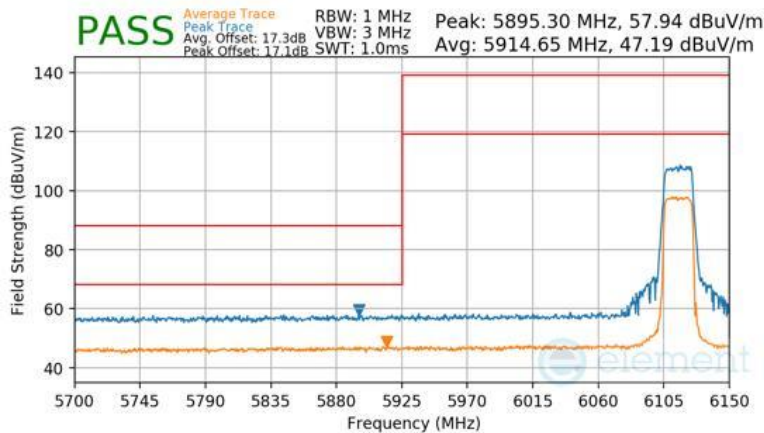


Plot 7-375 Antenna WF2a Radiated Integrated Band Edge (Peak – UNII Band 8)



Plot 7-376 Antenna WF2a Radiated Integrated Band Edge (Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



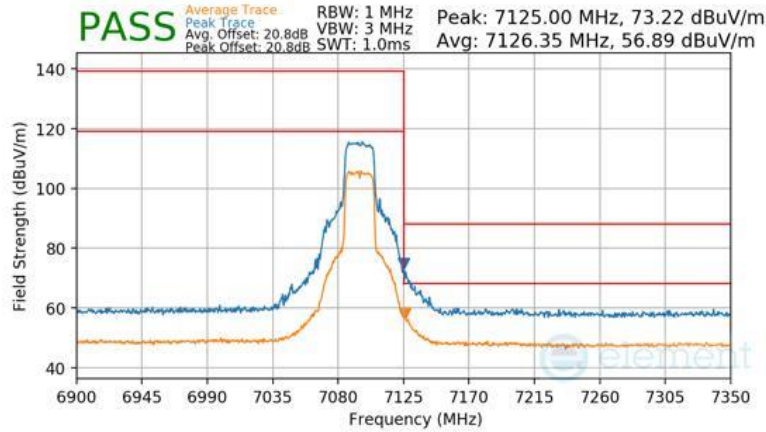
Plot 7-377 Antenna WF2a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 159 of 197

V 11.0 05/2025

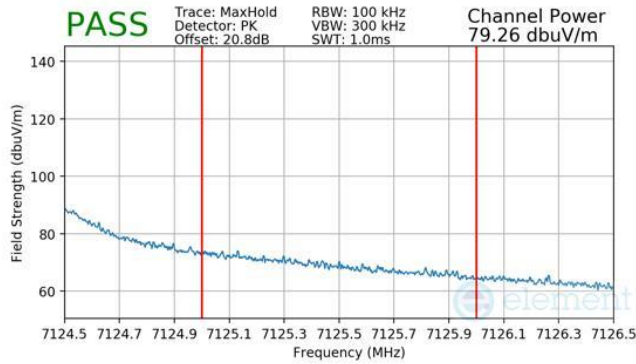
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Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

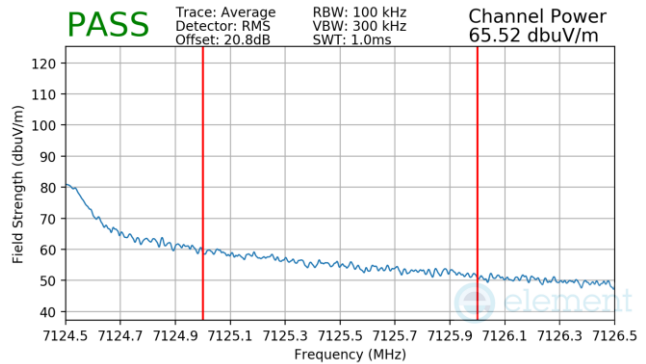


Plot 7-378 Antenna WF2a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



Plot 7-379 Antenna WF2a Radiated Integrated Band Edge (Peak – UNII Band 8)

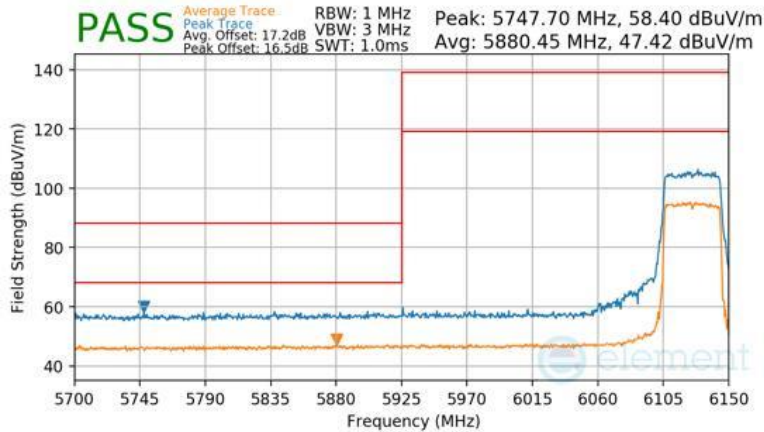


Plot 7-380 Antenna WF2a Radiated Integrated Band Edge (Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 160 of 197

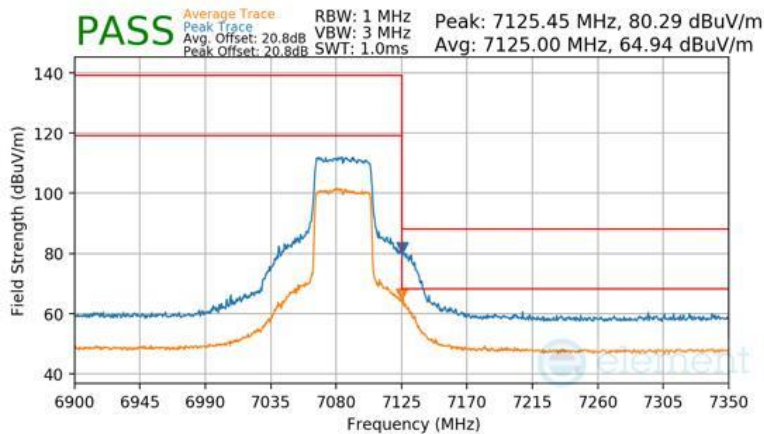
7.8.8 Antenna WF2a Radiated Band Edge Measurements (40MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6125MHz
Channel	35



Plot 7-381 Antenna WF2a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227



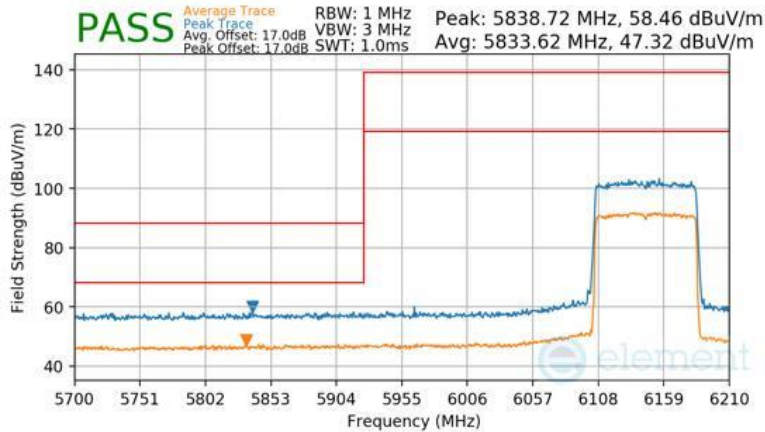
Plot 7-382 Antenna WF2a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 161 of 197

V 11.0 05/2025

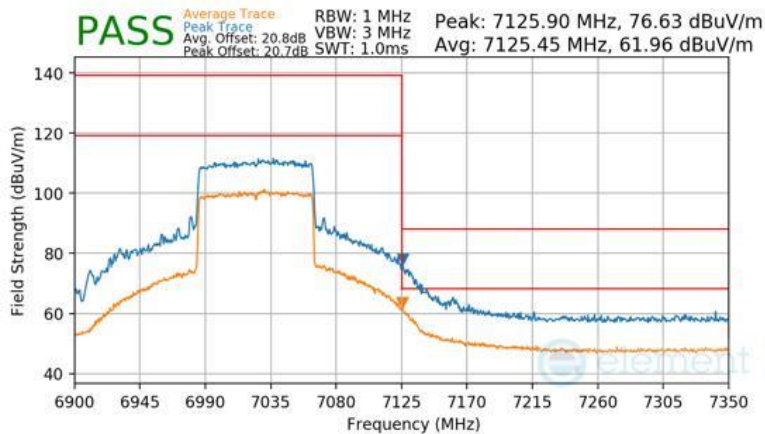
7.8.9 Antenna WF2a Radiated Band Edge Measurements (80MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6145MHz
Channel	39



Plot 7-383 Antenna WF2a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



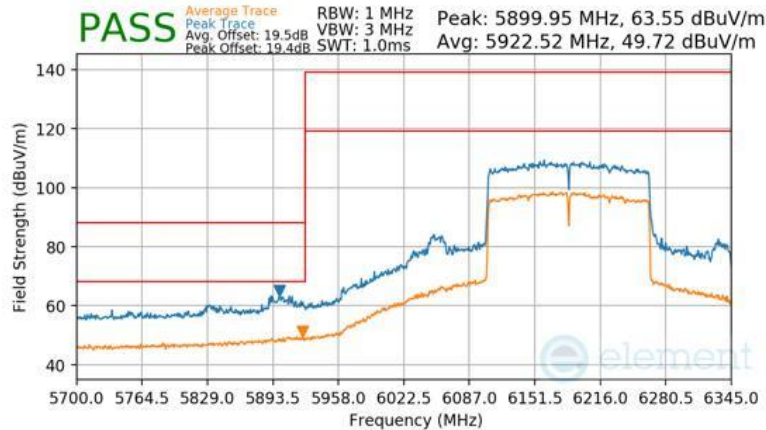
Plot 7-384 Antenna WF2a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 162 of 197

V 11.0 05/2025

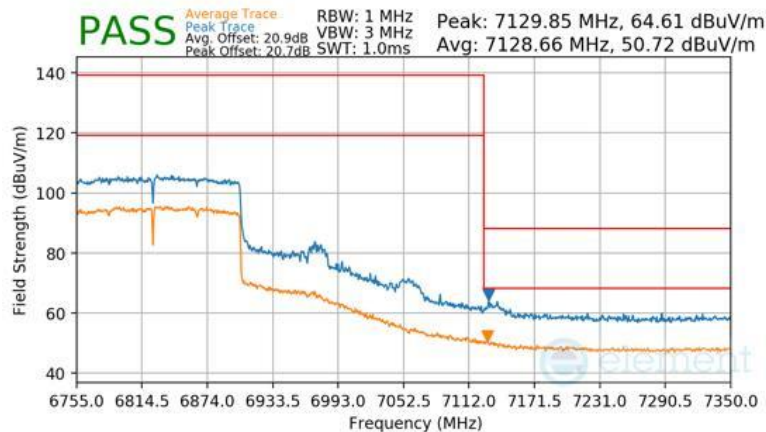
7.8.10 Antenna WF2a Radiated Band Edge Measurements (160MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-385 Antenna WF2a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175

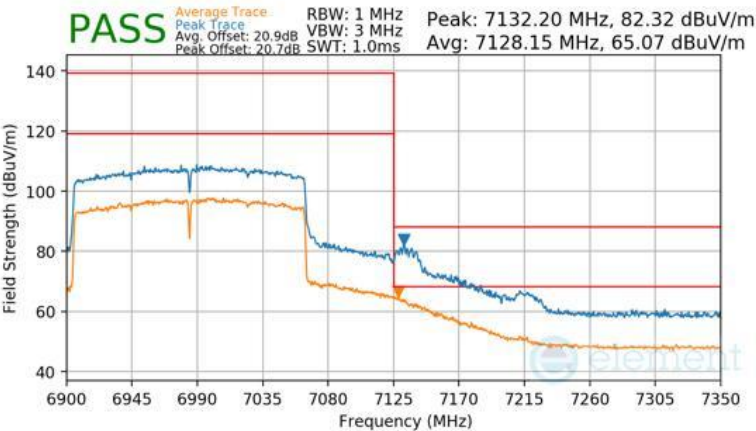


Plot 7-386 Antenna WF2a Radiated Upper Band Edge (Peak & Average – UNII Band 7)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 163 of 197

V 11.0 05/2025

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207

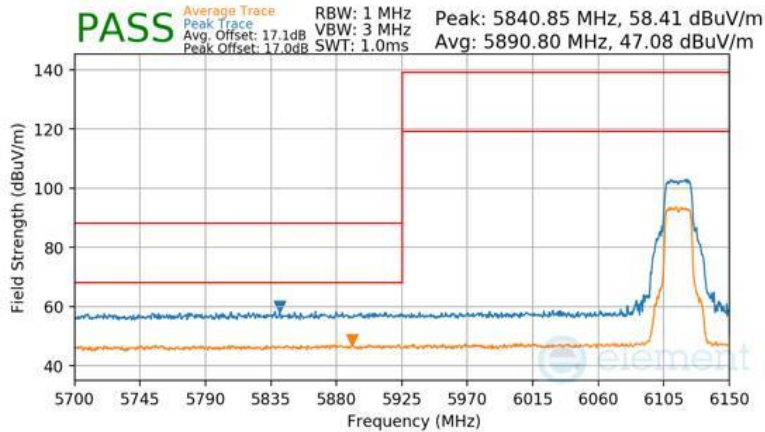


Plot 7-387 Antenna WF2a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 164 of 197

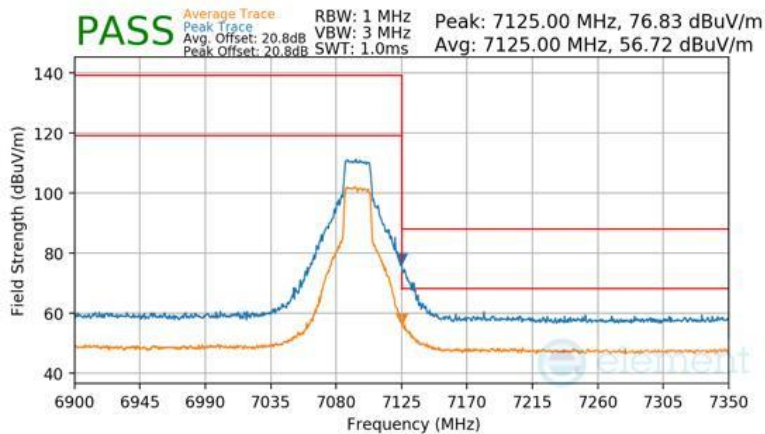
7.8.11 Antenna WF7b Radiated Band Edge Measurements (20MHz BW)

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



Plot 7-388 Antenna WF7b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

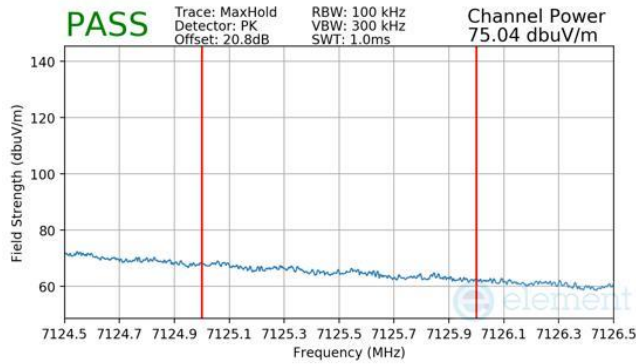


Plot 7-389 Antenna WF7b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

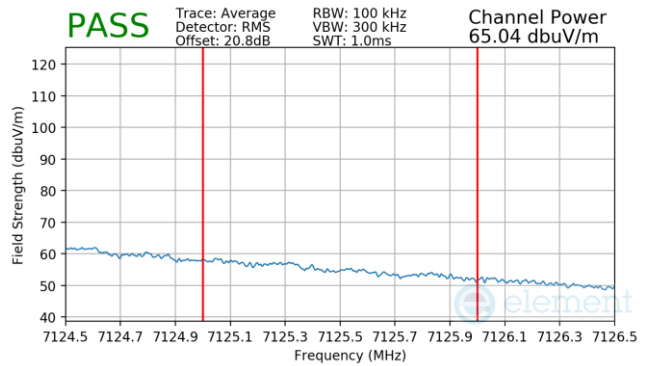
FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 165 of 197

V 11.0 05/2025

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

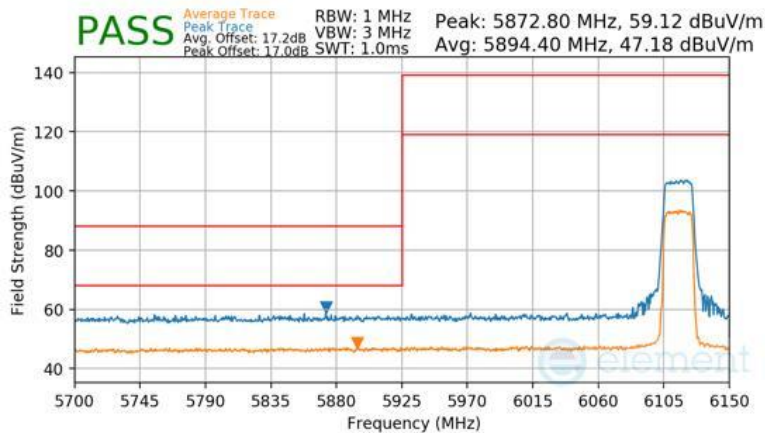


Plot 7-390 Antenna WF7b Radiated Integrated Band Edge (Peak – UNII Band 8)



Plot 7-391 Antenna WF7b Radiated Integrated Band Edge (Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33

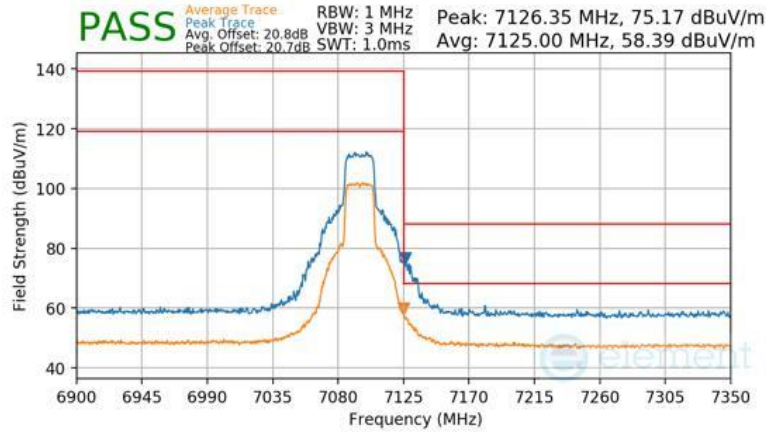


Plot 7-392 Antenna WF7b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 166 of 197

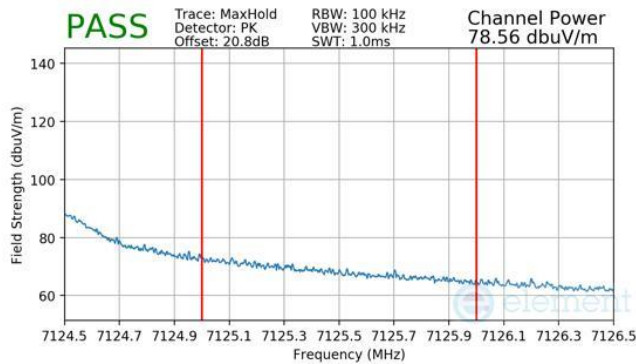
V 11.0 05/2025

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

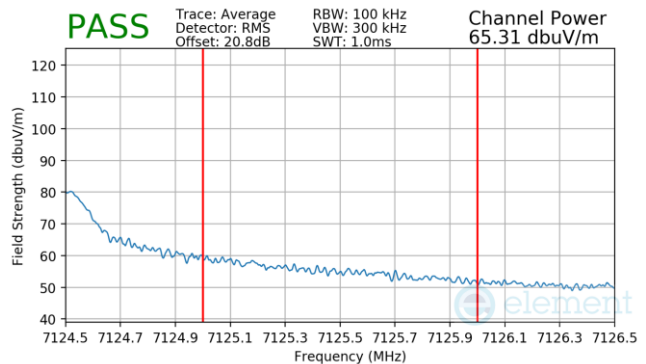


Plot 7-393 Antenna WF7b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



Plot 7-394 Antenna WF7b Radiated Integrated Band Edge (Peak – UNII Band 8)



Plot 7-395 Antenna WF7b Radiated Integrated Band Edge (Average – UNII Band 8)

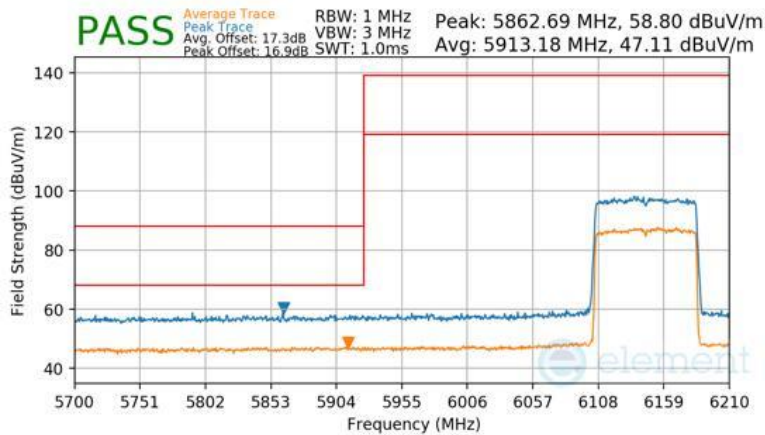
FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 167 of 197

V 11.0 05/2025

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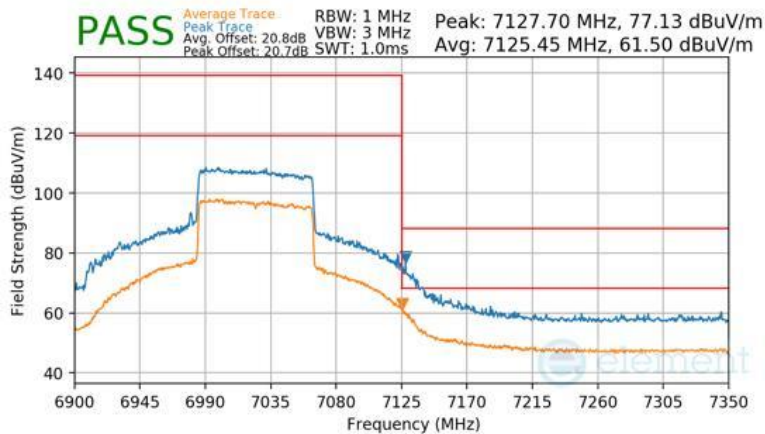
7.8.13 Antenna WF7b Radiated Band Edge Measurements (80MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6145MHz
Channel	39



Plot 7-398 Antenna WF7b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215

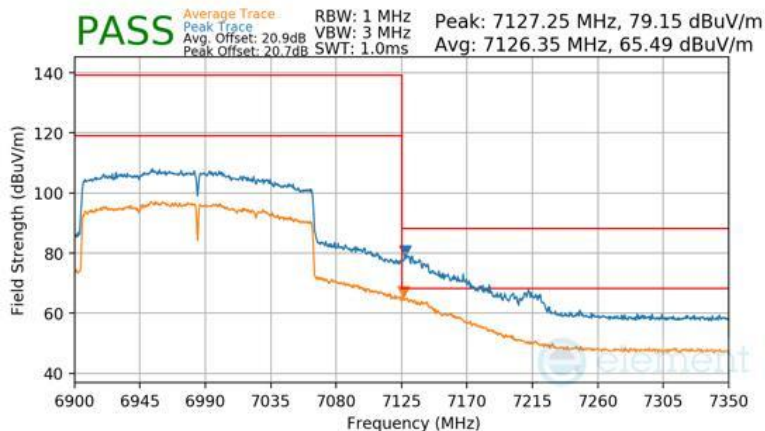


Plot 7-399 Antenna WF7b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 169 of 197

V 11.0 05/2025

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



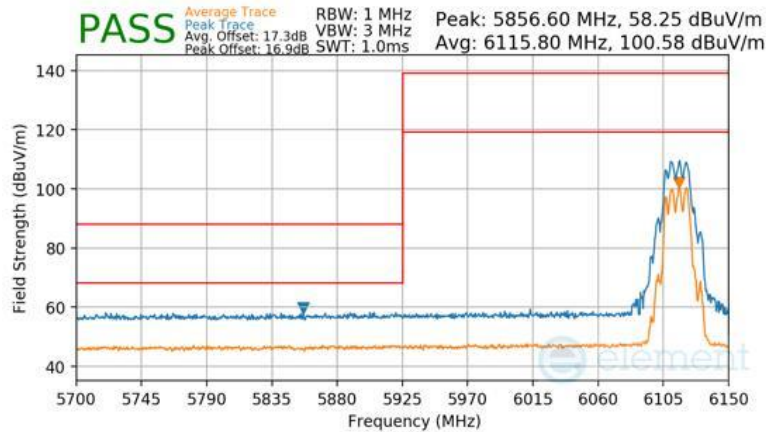
Plot 7-402 Antenna WF7b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 171 of 197

V 11.0 05/2025

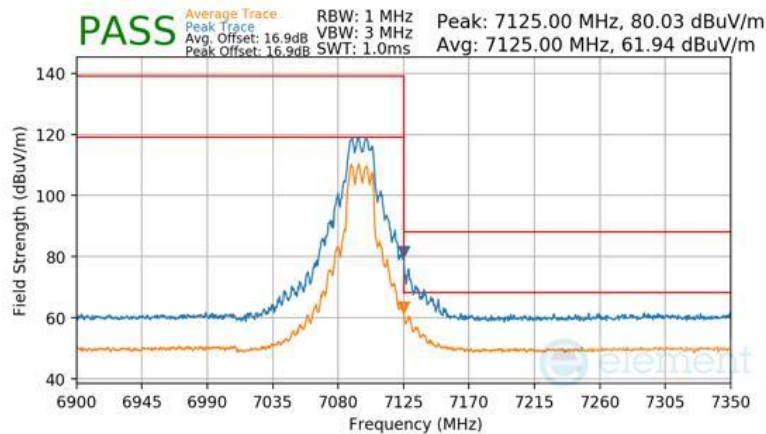
7.8.15 CDD/SDM Primary Radiated Band Edge Measurements (20MHz BW)

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



Plot 7-403 CDD Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

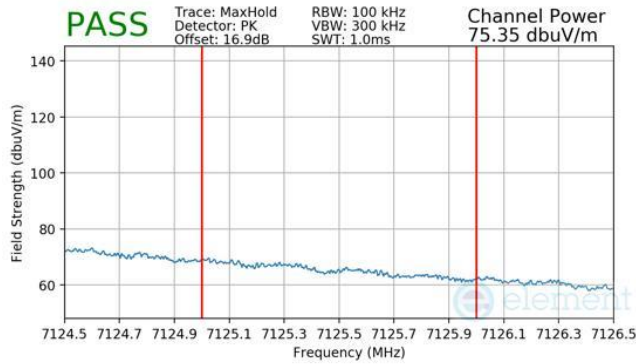


Plot 7-404 CDD Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

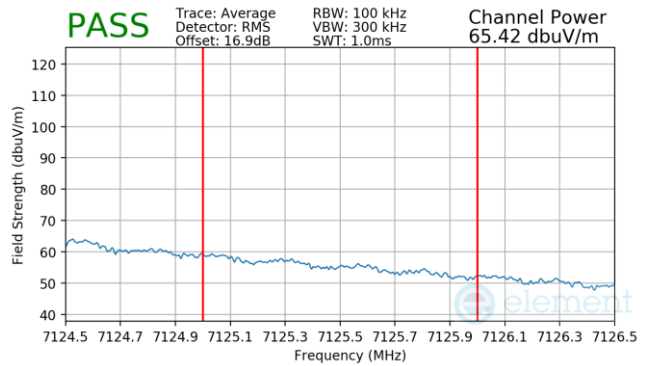
FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 172 of 197

V 11.0 05/2025

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

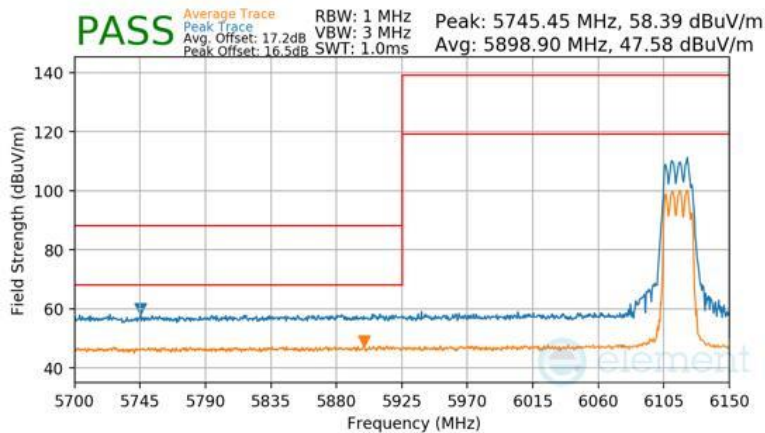


Plot 7-405 CDD Primary Radiated Integrated Band Edge (Peak – UNII Band 8)



Plot 7-406 CDD Primary Radiated Integrated Band Edge (Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



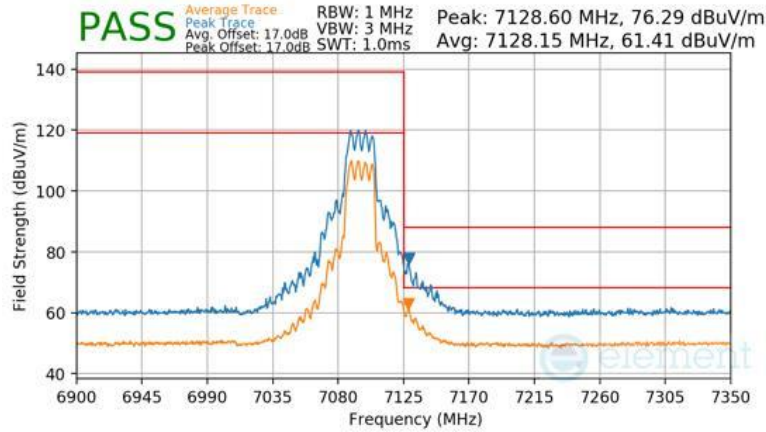
Plot 7-407 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 173 of 197

V 11.0 05/2025

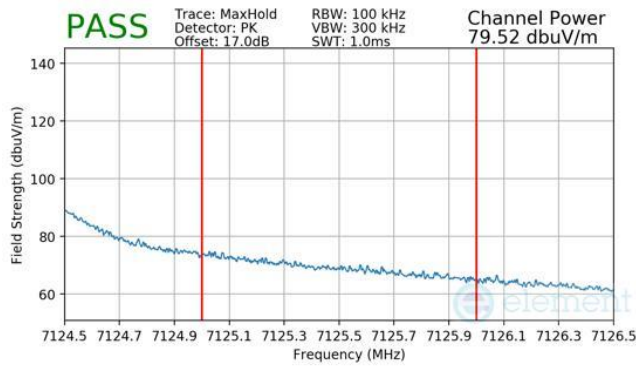
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Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

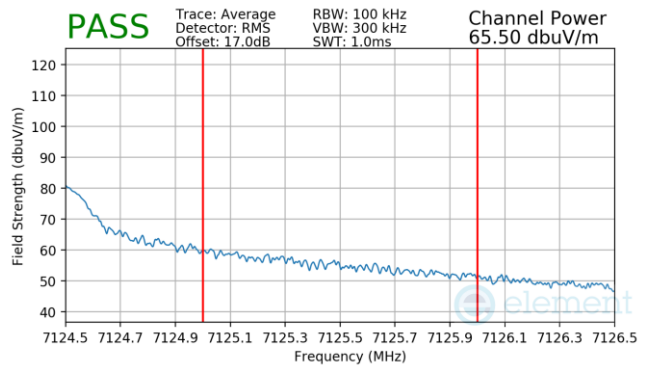


Plot 7-408 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



Plot 7-409 SDM Primary Radiated Integrated Band Edge (Peak – UNII Band 8)



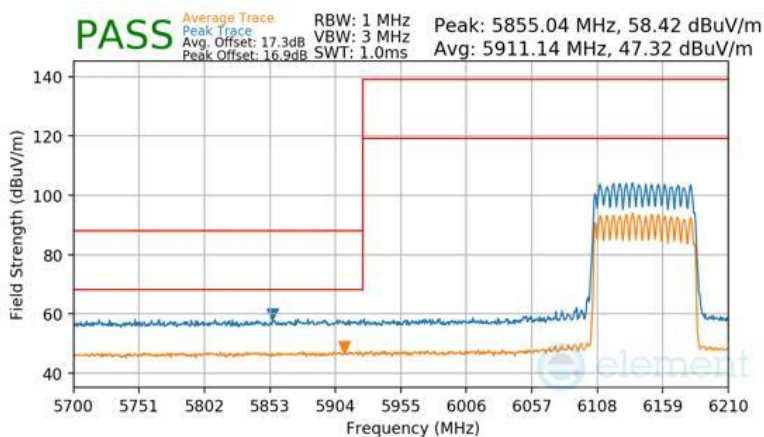
Plot 7-410 SDM Primary Radiated Integrated Band Edge (Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 174 of 197

V 11.0 05/2025

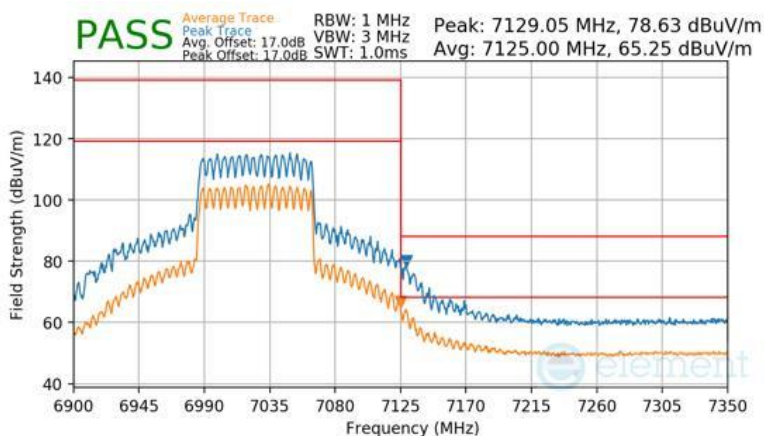
7.8.17 SDM Primary Radiated Band Edge Measurements (80MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6145MHz
Channel	39



Plot 7-413 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



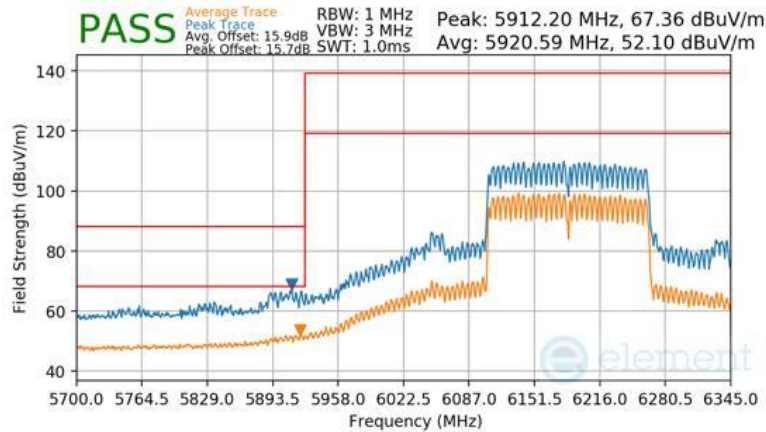
Plot 7-414 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 176 of 197

V 11.0 05/2025

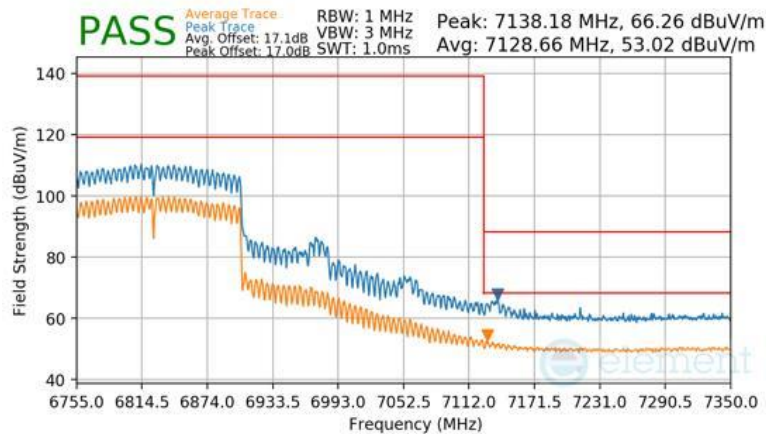
7.8.18 SDM Primary Radiated Band Edge Measurements (160MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-415 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175

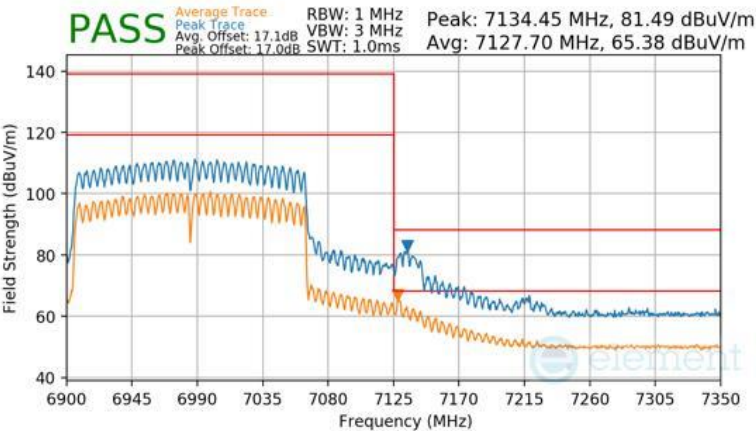


Plot 7-416 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 7)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 177 of 197

V 11.0 05/2025

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207

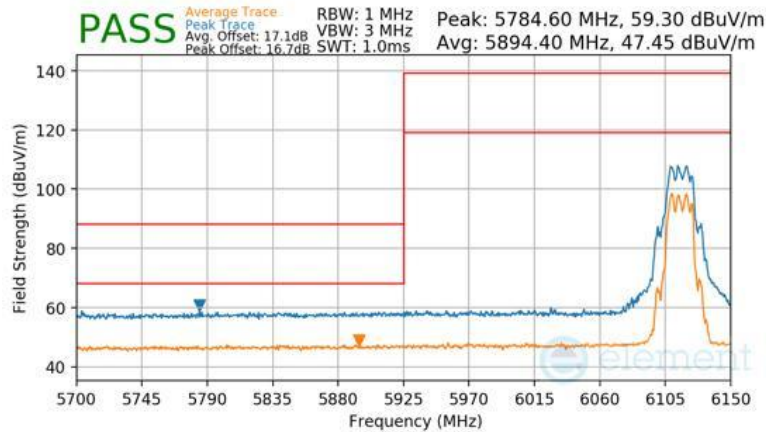


Plot 7-417 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 178 of 197

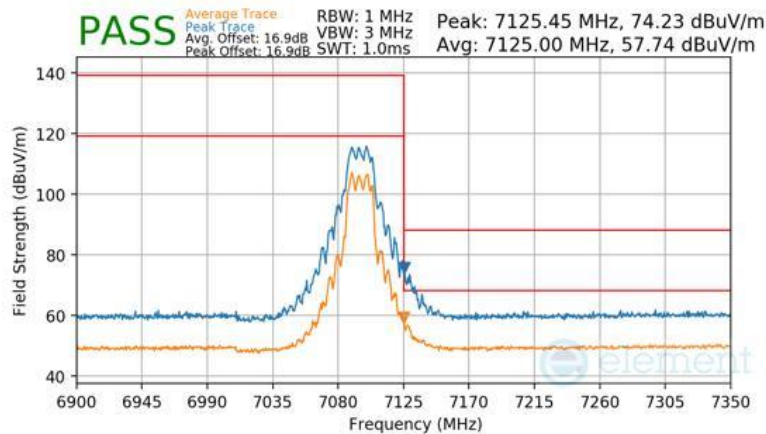
7.8.19 CDD/SDM Diversity Radiated Band Edge Measurements (20MHz BW)

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



Plot 7-418 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

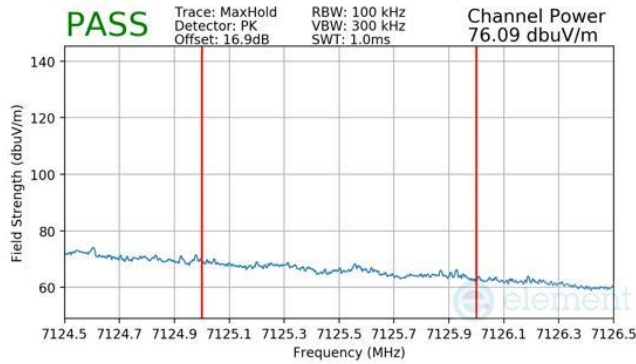


Plot 7-419 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

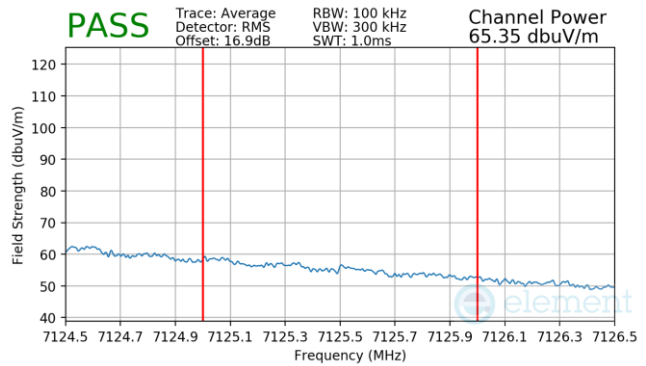
FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 179 of 197

V 11.0 05/2025

Mode	802.11a
Data Rate	54Mbps
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

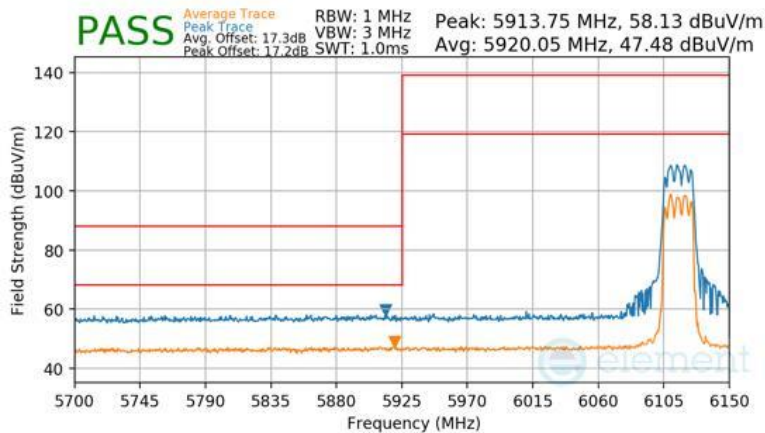


Plot 7-420 CDD Diversity Radiated Integrated Band Edge (Peak – UNII Band 8)



Plot 7-421 CDD Diversity Radiated Integrated Band Edge (Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



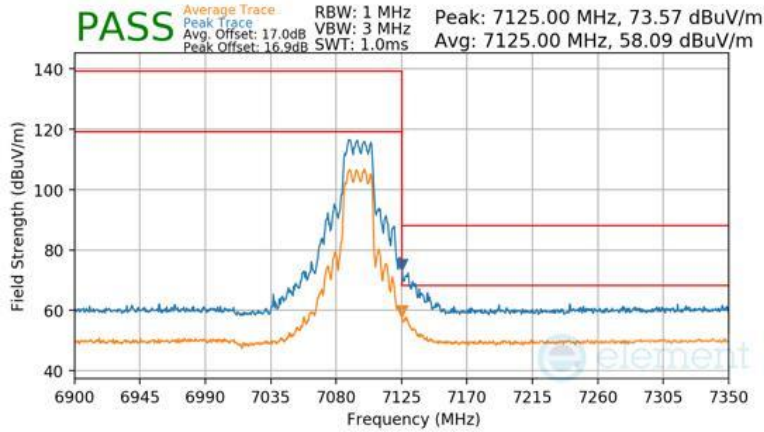
Plot 7-422 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 180 of 197

V 11.0 05/2025

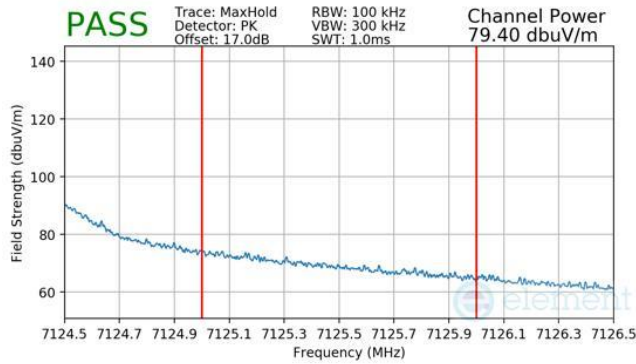
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Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

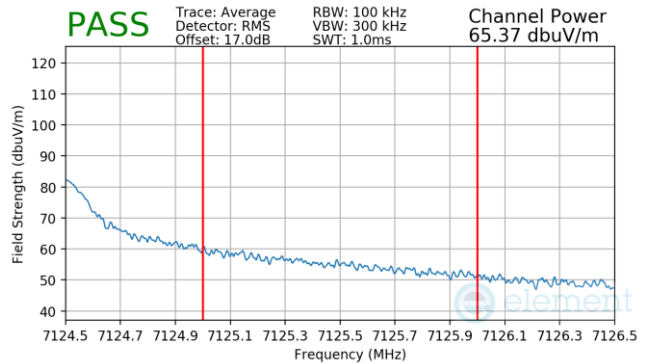


Plot 7-423 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



Plot 7-424 SDM Diversity Radiated Integrated Band Edge (Peak – UNII Band 8)

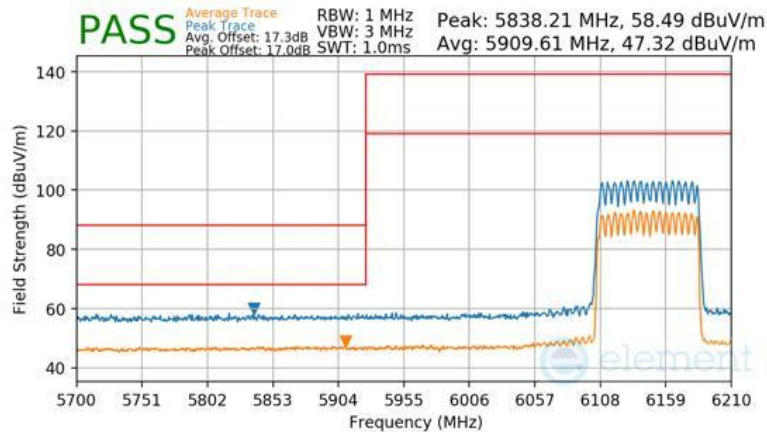


Plot 7-425 SDM Diversity Radiated Integrated Band Edge (Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 181 of 197

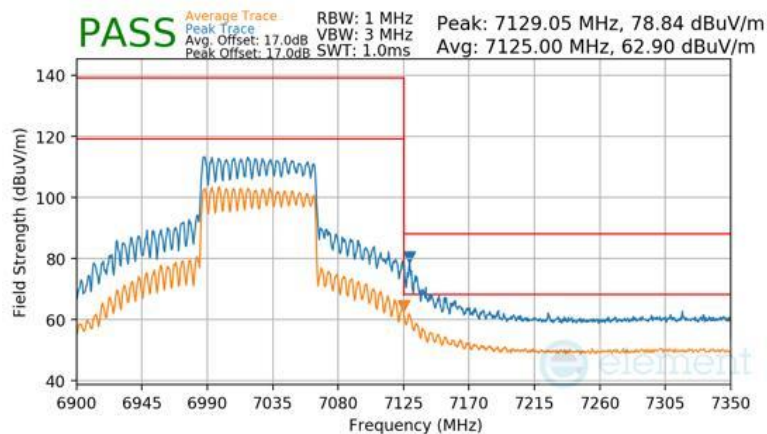
7.8.21 SDM Diversity Radiated Band Edge Measurements (80MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6145MHz
Channel	39



Plot 7-428 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



Plot 7-429 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

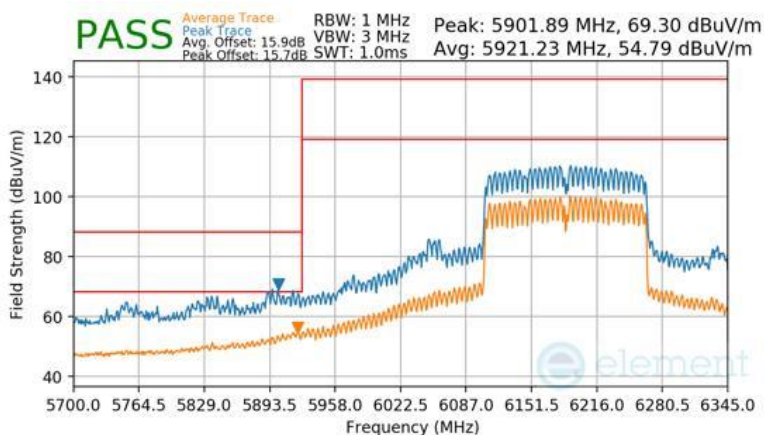
FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 183 of 197

V 11.0 05/2025

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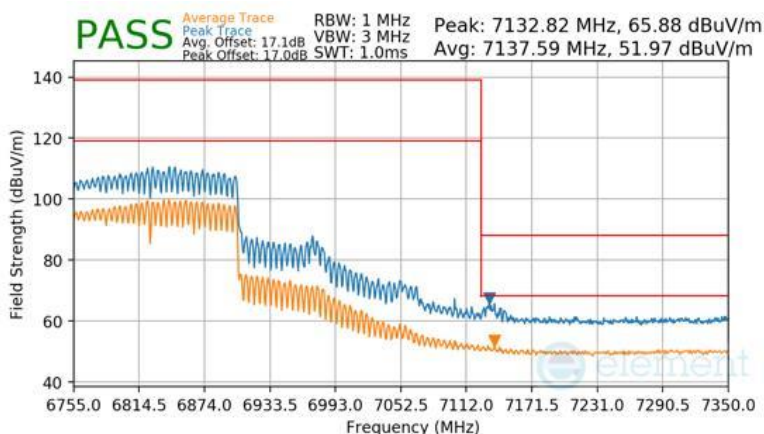
7.8.22 SDM Diversity Radiated Band Edge Measurements (160MHz BW)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-430 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175

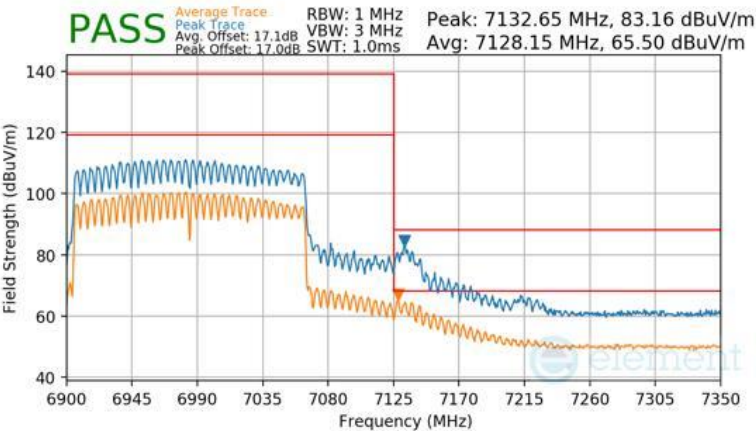


Plot 7-431 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 7)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 184 of 197

V 11.0 05/2025

Mode	802.11be-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-432 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 185 of 197

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 must not exceed the limits shown in Table 7-70 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 7-70. 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 = quasi-peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 186 of 197

V 11.0 05/2025

Test Setup

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

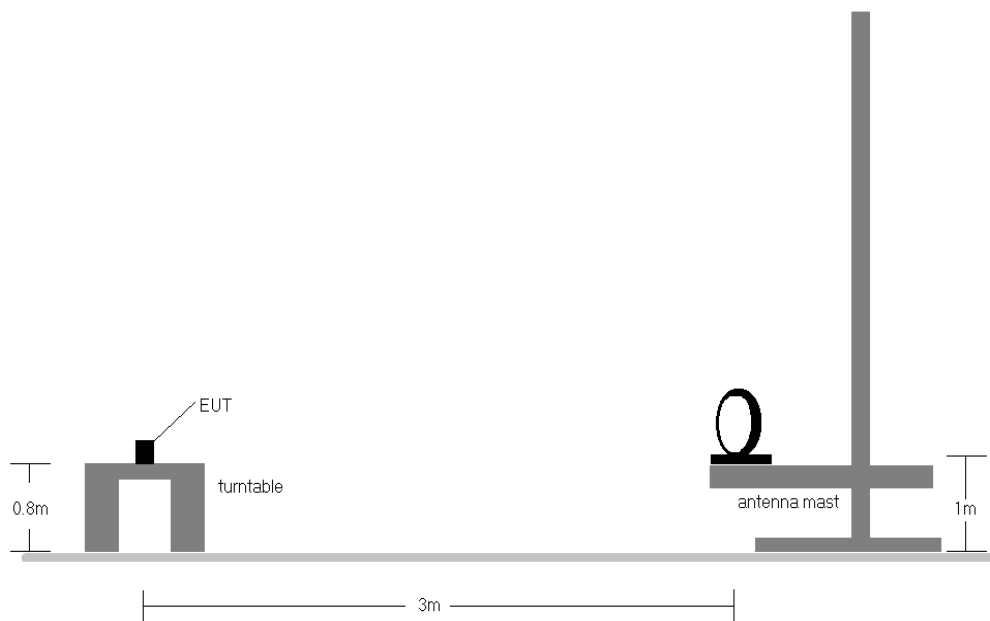


Figure 7-8. Radiated Test Setup < 30MHz

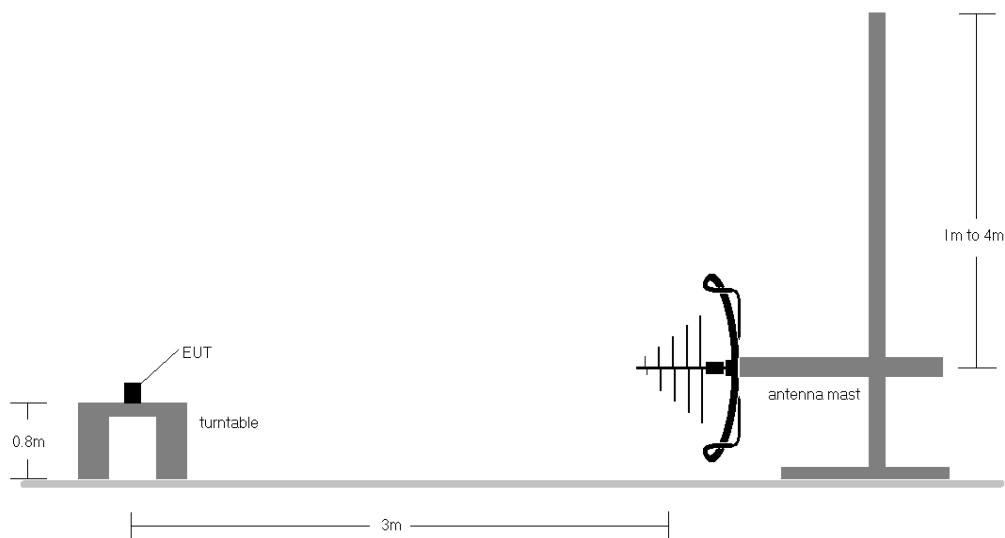


Figure 7-9. Radiated Test Setup < 1GHz

FCC ID: BCGA3461 IC: 579C-A3461			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 187 of 197	

V 11.0 05/2025

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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 7-70.
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 on emissions that were 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. 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. 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
10. All antenna configurations were investigated and only the worst case is reported.
11. The unit was tested with all possible modes and only the highest emission is reported.

Sample Calculations

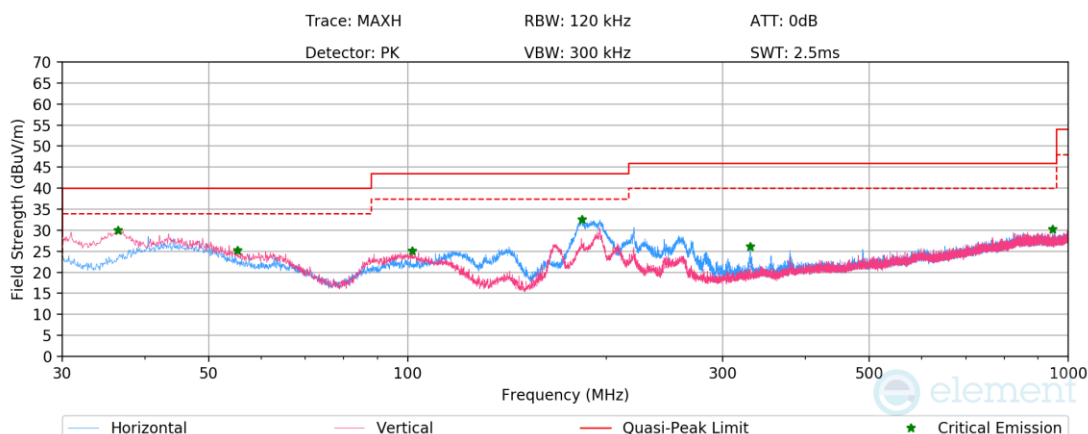
Determining Spurious Emissions Levels

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

FCC ID: BCGA3461 IC: 579C-A3461	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 188 of 197

V 11.0 05/2025

7.9.1 SDM Primary Radiated Spurious Emissions Measurements (Below 1GHz)



Plot 7-433. Radiated Spurious Emissions below 1GHz SDM Primary, 802.11be, Ch.61 with AC/DC Adapter

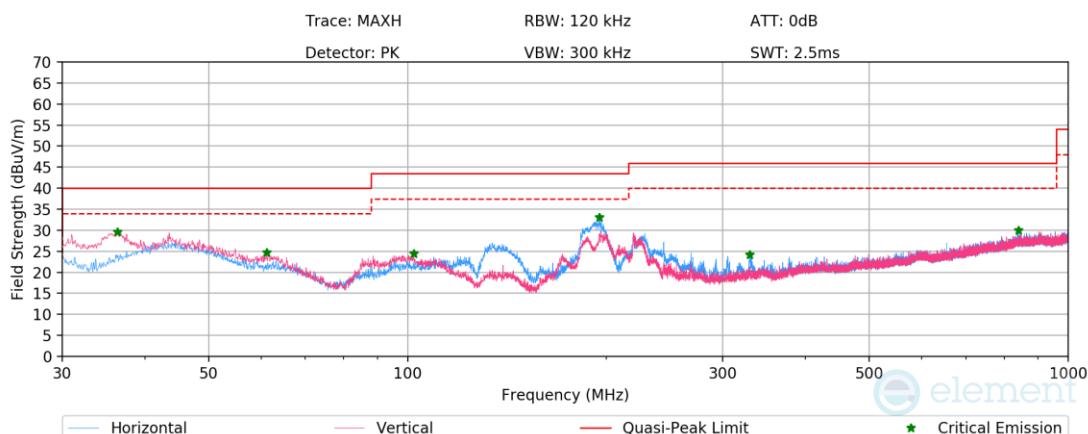
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
36.57	Max-Peak	V	100	-	-59.58	-17.51	29.92	40.00	-10.08
62.55	Max-Peak	V	100	-	-65.07	-17.66	24.26	40.00	-15.74
93.99	Max-Peak	V	100	-	-62.85	-18.62	25.53	43.50	-17.97
193.71	Max-Peak	H	100	-	-54.54	-17.91	34.55	43.50	-8.95
329.66	Max-Peak	H	100	-	-66.24	-14.32	26.44	46.00	-19.56
869.35	Max-Peak	H	100	-	-72.26	-4.76	29.97	46.00	-16.03

Table 7-71. Radiated Spurious Emissions Measurement below 1GHz SDM Primary, 802.11be, Ch.61 with AC/DC Adapter

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 189 of 197

V 11.0 05/2025

7.9.2 SDM Diversity Radiated Spurious Emissions Measurements (Below 1GHz)



Plot 7-434. Radiated Spurious Emissions below 1GHz SDM Diversity, 802.11be, Ch.61 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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
36.63	Max-Peak	V	100	-	-60.09	-17.48	29.43	40.00	-10.57
55.11	Max-Peak	V	100	-	-66.36	-15.69	24.95	40.00	-15.05
98.67	Max-Peak	V	100	-	-64.74	-18.02	24.23	43.50	-19.27
195.51	Max-Peak	H	200	-	-56.00	-17.65	33.34	43.50	-10.16
378.56	Max-Peak	H	100	-	-69.04	-13.32	24.64	46.00	-21.36
874.33	Max-Peak	V	300	-	-72.61	-4.69	29.70	46.00	-16.30

Table 7-72. Radiated Spurious Emissions Measurement below 1GHz SDM Diversity, 802.11be, Ch.61 with AC/DC Adapter

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 190 of 197

V 11.0 05/2025

7.10 AC Line-Conducted Emissions Measurement

§15.407; 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 7-73. 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, Section 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

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 191 of 197

V 11.0 05/2025

Test Setup

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

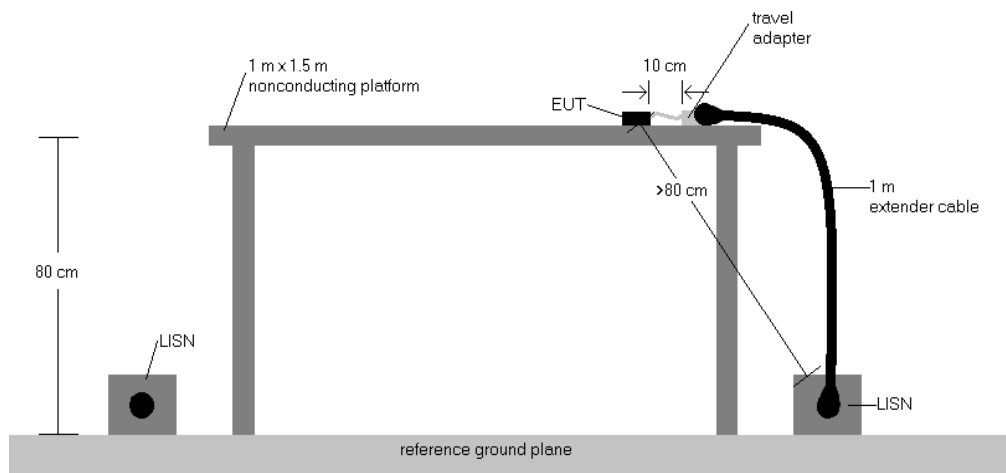


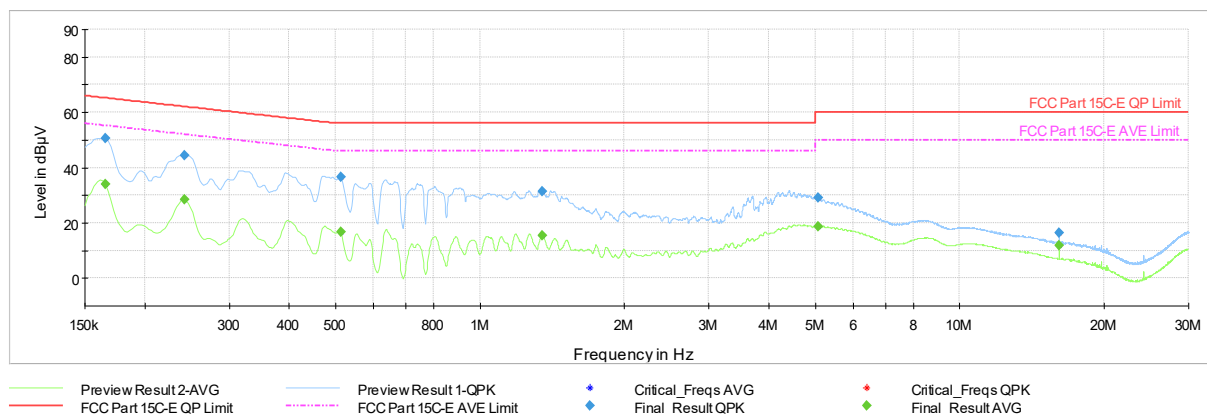
Figure 7-10. Test Instrument & Measurement Setup

Test Notes

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 15.207 and RSS-Gen (8.8).
4. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
6. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plots 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.

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 192 of 197

V 11.0 05/2025



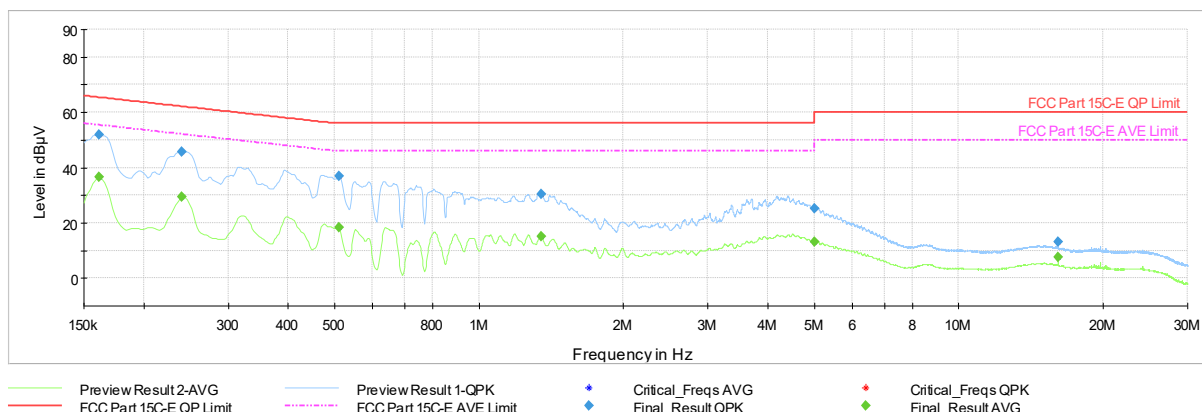
Plot 7-435. AC Line Conducted Plot with 802.11be SDM Primary – Ch.61 (L1), with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	33.88	55.17	-21.29	L1	GND
0.17	FINAL	50.52	---	65.17	-14.65	L1	GND
0.24	FINAL	---	28.36	52.02	-23.66	L1	GND
0.24	FINAL	44.31	---	62.02	-17.71	L1	GND
0.51	FINAL	36.65	---	56.00	-19.35	L1	GND
0.51	FINAL	---	16.74	46.00	-29.26	L1	GND
1.35	FINAL	31.48	---	56.00	-24.52	L1	GND
1.35	FINAL	---	15.43	46.00	-30.57	L1	GND
5.07	FINAL	---	18.79	50.00	-31.21	L1	GND
5.07	FINAL	29.09	---	60.00	-30.91	L1	GND
16.14	FINAL	---	11.73	50.00	-38.27	L1	GND
16.14	FINAL	16.40	---	60.00	-43.60	L1	GND

Table 7-74. AC Line Conducted Data with 802.11be SDM Primary – Ch. 61 (L1) with AC/DC Adapter

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 193 of 197

V 11.0 05/2025



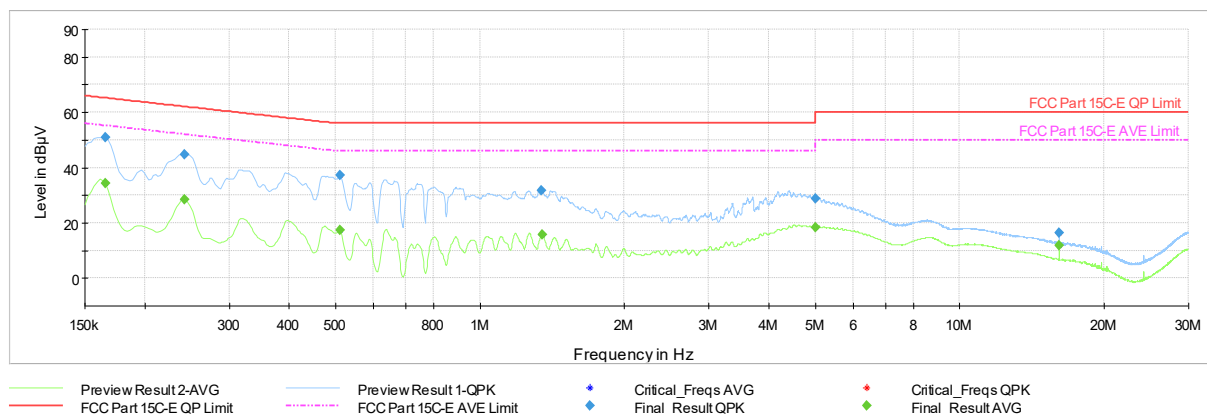
Plot 7-436. AC Line Conducted Plot with 802.11be SDM Primary – Ch. 61 (N), with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.16	FINAL	---	36.59	55.40	-18.81	N	GND
0.16	FINAL	51.97	---	65.40	-13.43	N	GND
0.24	FINAL	---	29.37	52.10	-22.73	N	GND
0.24	FINAL	45.85	---	62.10	-16.25	N	GND
0.51	FINAL	---	18.20	46.00	-27.80	N	GND
0.51	FINAL	36.75	---	56.00	-19.25	N	GND
1.35	FINAL	30.53	---	56.00	-25.47	N	GND
1.35	FINAL	---	15.09	46.00	-30.91	N	GND
5.01	FINAL	25.27	---	60.00	-34.73	N	GND
5.01	FINAL	---	13.07	50.00	-36.93	N	GND
16.13	FINAL	---	7.46	50.00	-42.54	N	GND
16.13	FINAL	13.03	---	60.00	-46.97	N	GND

Table 7-75. AC Line Conducted Data with 802.11be SDM Primary – Ch. 61 (N), with AC/DC Adapter

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 194 of 197

V 11.0 05/2025



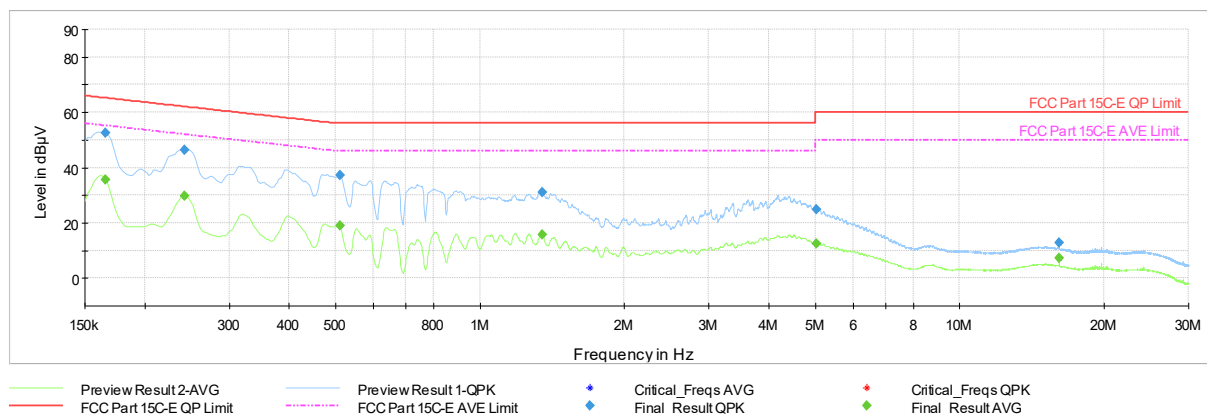
Plot 7-437. AC Line Conducted Plot with 802.11be SDM Diversity – Ch.61 (L1), with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	34.18	55.17	-20.99	L1	GND
0.17	FINAL	50.85	---	65.17	-14.32	L1	GND
0.24	FINAL	---	28.41	52.02	-23.61	L1	GND
0.24	FINAL	44.61	---	62.02	-17.41	L1	GND
0.51	FINAL	---	17.50	46.00	-28.50	L1	GND
0.51	FINAL	37.11	---	56.00	-18.89	L1	GND
1.35	FINAL	31.60	---	56.00	-24.40	L1	GND
1.35	FINAL	---	15.73	46.00	-30.27	L1	GND
5.00	FINAL	28.91	---	60.00	-31.09	L1	GND
5.00	FINAL	---	18.49	50.00	-31.51	L1	GND
16.14	FINAL	---	11.71	50.00	-38.29	L1	GND
16.14	FINAL	16.28	---	60.00	-43.72	L1	GND

Table 7-76. AC Line Conducted Data with 802.11be SDM Diversity – Ch. 61 (L1) with AC/DC Adapter

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 195 of 197

V 11.0 05/2025



Plot 7-438. AC Line Conducted Plot with 802.11be SDM Diversity – Ch. 61 (N), with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	35.73	55.17	-19.44	N	GND
0.17	FINAL	52.66	---	65.17	-12.51	N	GND
0.24	FINAL	---	29.90	52.02	-22.12	N	GND
0.24	FINAL	46.36	---	62.02	-15.66	N	GND
0.51	FINAL	---	18.83	46.00	-27.17	N	GND
0.51	FINAL	37.23	---	56.00	-18.77	N	GND
1.35	FINAL	30.90	---	56.00	-25.10	N	GND
1.35	FINAL	---	15.63	46.00	-30.37	N	GND
5.02	FINAL	24.87	---	60.00	-35.13	N	GND
5.02	FINAL	---	12.32	50.00	-37.68	N	GND
16.13	FINAL	---	7.28	50.00	-42.72	N	GND
16.13	FINAL	12.78	---	60.00	-47.22	N	GND

Table 7-77. AC Line Conducted Data with 802.11be SDM Diversity – Ch. 61 (N), with AC/DC Adapter

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 196 of 197

V 11.0 05/2025

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA3461** and **IC: 579C-A3461** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-248 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA3461 IC: 579C-A3461		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100081-17-R3.BCG	Test Dates: 9/15/2025 - 01/09/2026	EUT Type: Tablet Device	Page 197 of 197