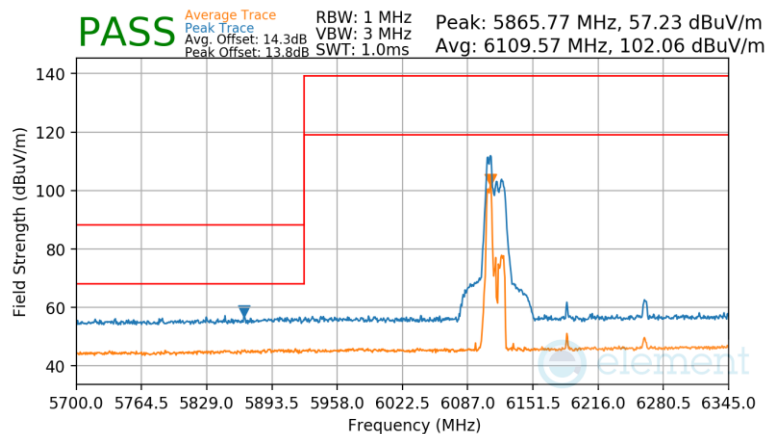


7.7.22 SDM Diversity Radiated Band Edge Measurements (160MHz BW)

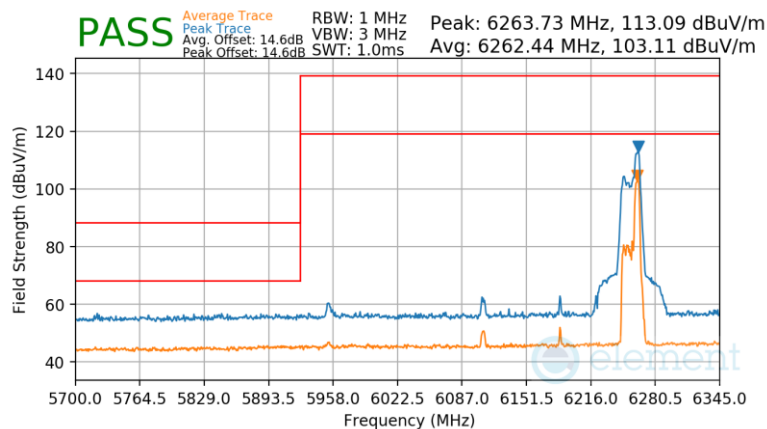
RU52

Mode: 802.11be OFDMA
 Transfer Rate: MCS11
 RU Index: 37
 Distance of Measurements: 3 Meters
 Operating Frequency: 6185MHz
 Channel: 47



Plot 7-1132 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) – RU52 (L)

Mode: 802.11be OFDMA
 Transfer Rate: MCS11
 RU Index: 52
 Distance of Measurements: 3 Meters
 Operating Frequency: 6185MHz
 Channel: 47



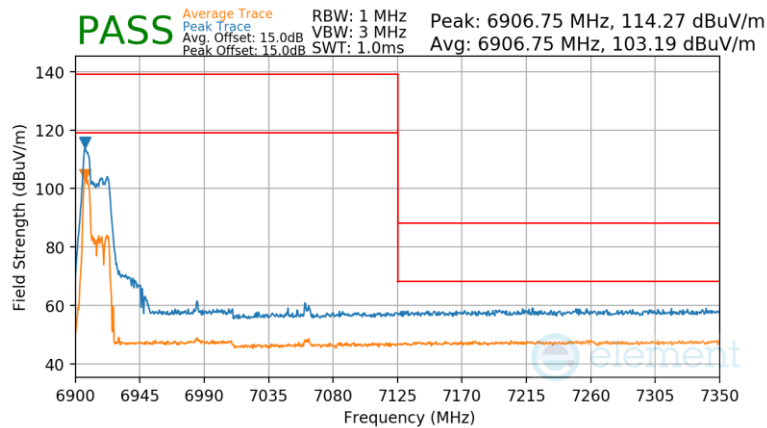
Plot 7-1133 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) – RU52 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 441 of 473

V 11.0 05/2025

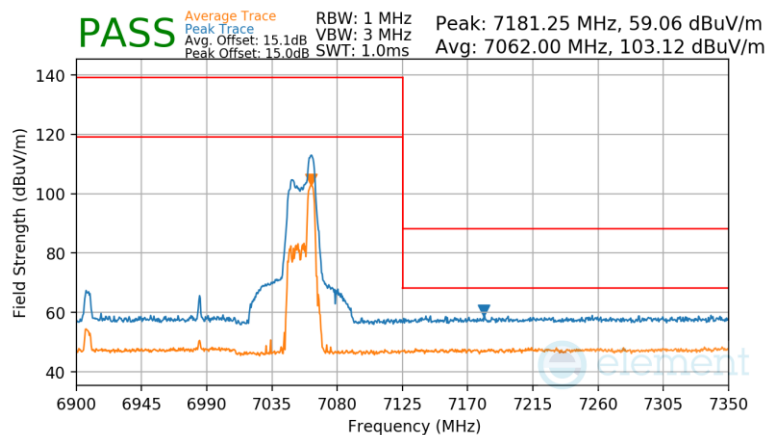
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Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 37
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1134 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU26 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 52
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



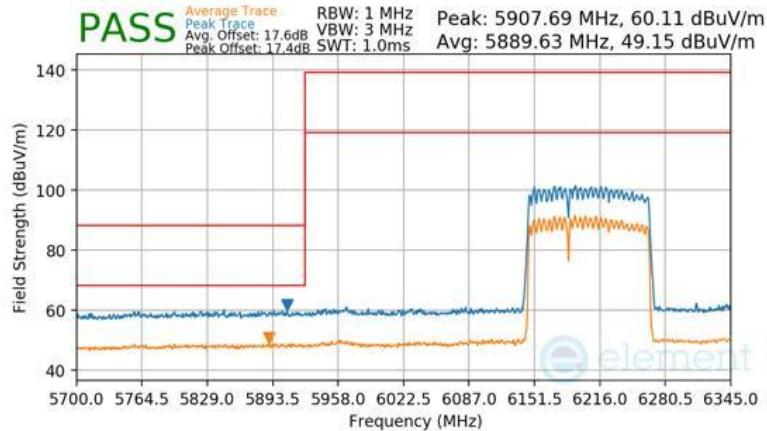
Plot 7-1135 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU26 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 442 of 473

V 11.0 05/2025

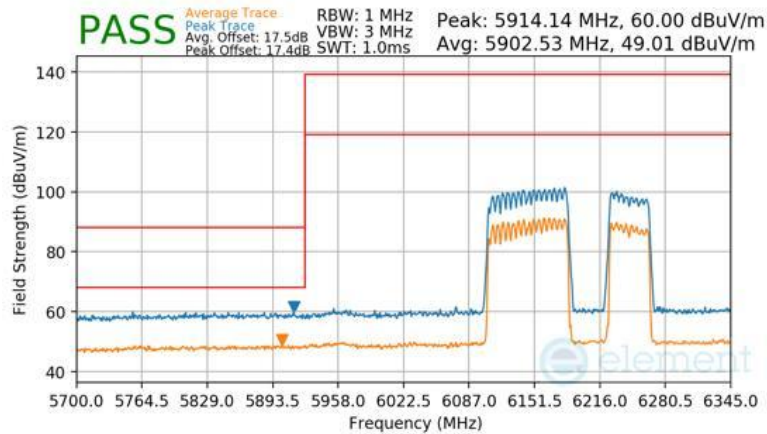
MRU

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 94
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47



Plot 7-1136 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 94
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47



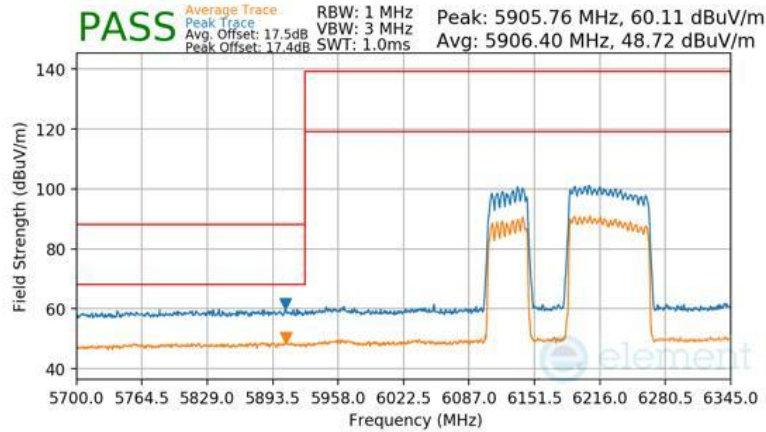
Plot 7-1137 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 443 of 473

V 11.0 05/2025

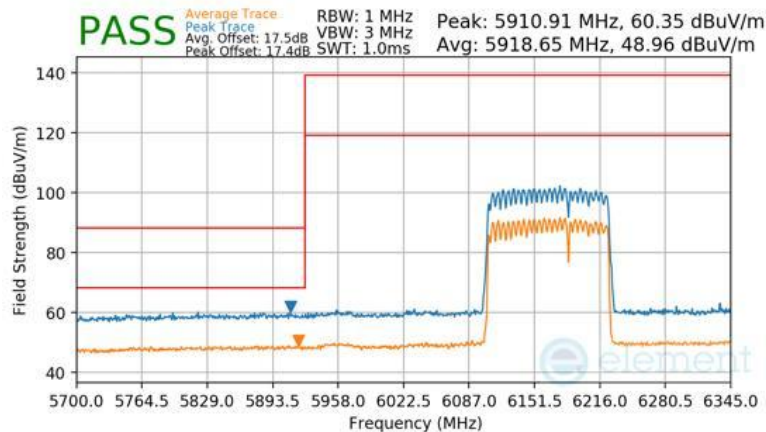
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Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47



Plot 7-1138 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47

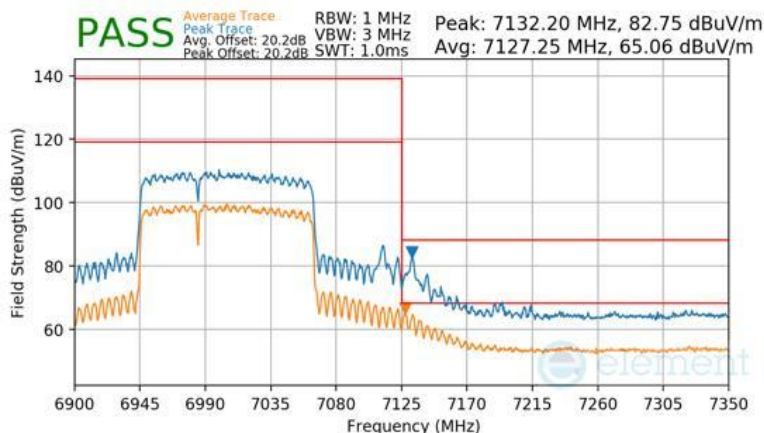


Plot 7-1139 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 444 of 473

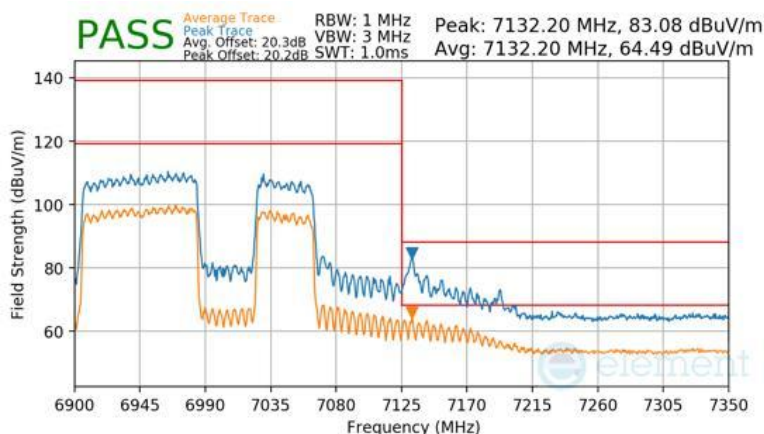
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 94
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1140 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 94
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207

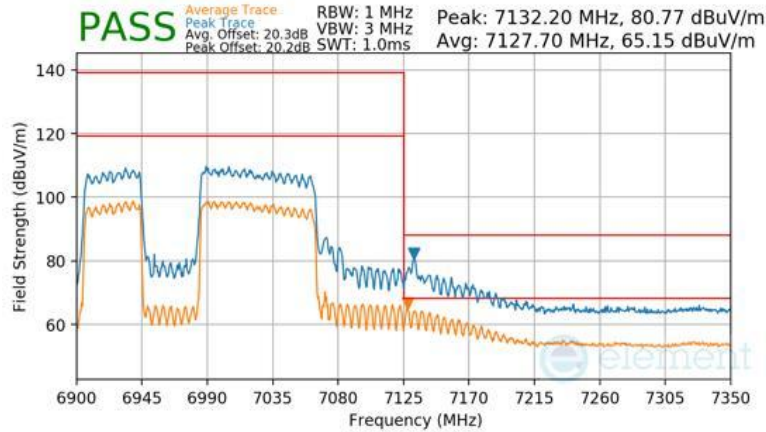


Plot 7-1141 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 445 of 473

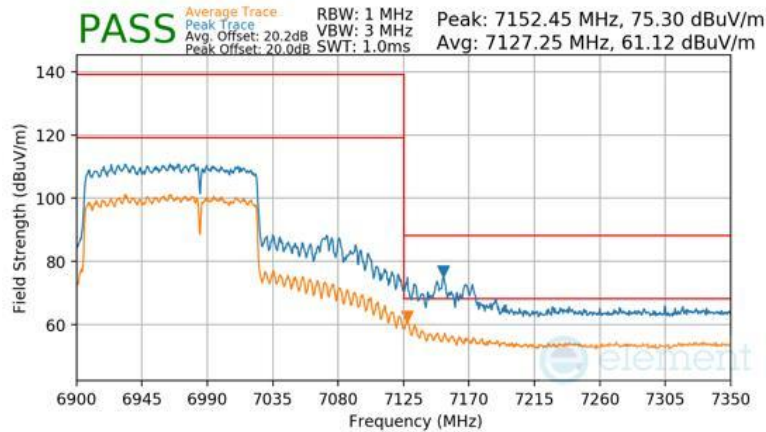
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1142 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (L)

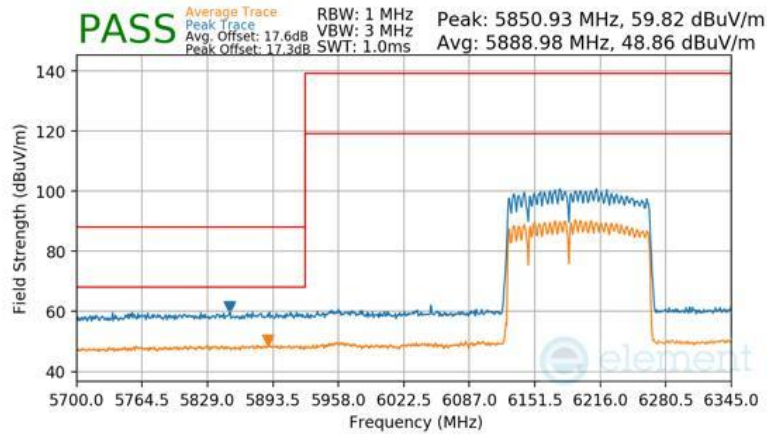
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1143 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (H)

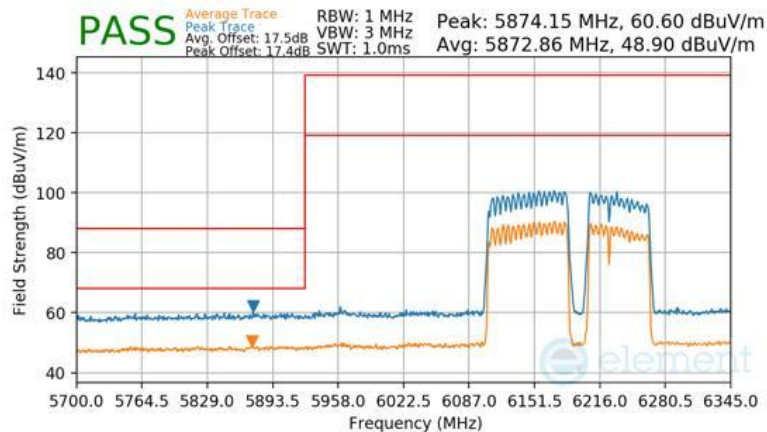
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 446 of 473

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47



Plot 7-1144 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47

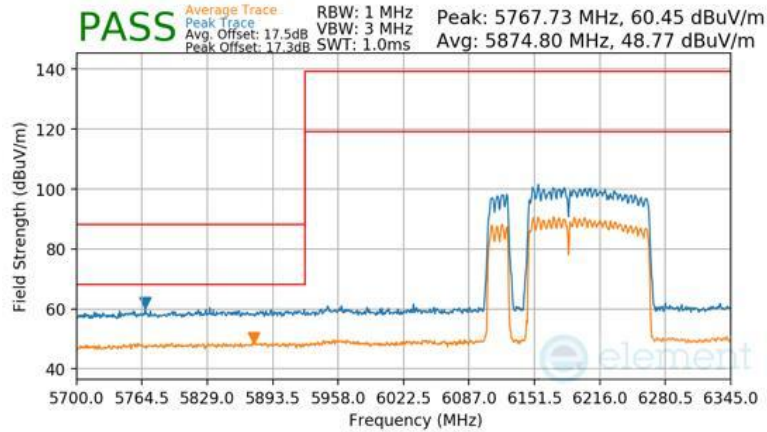


Plot 7-1145 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 447 of 473

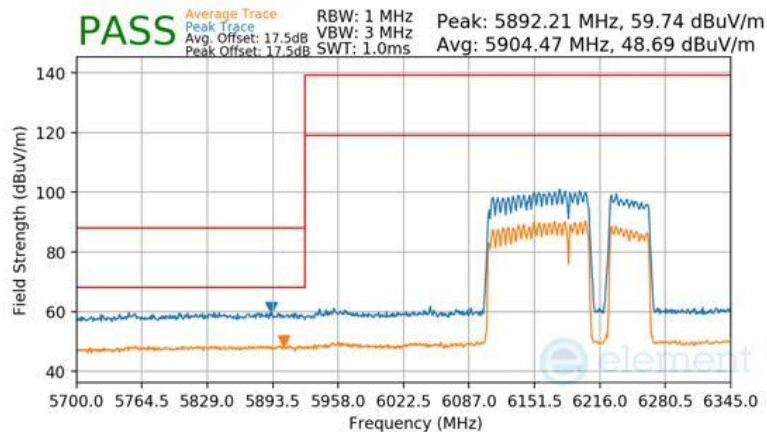
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47



Plot 7-1146 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47

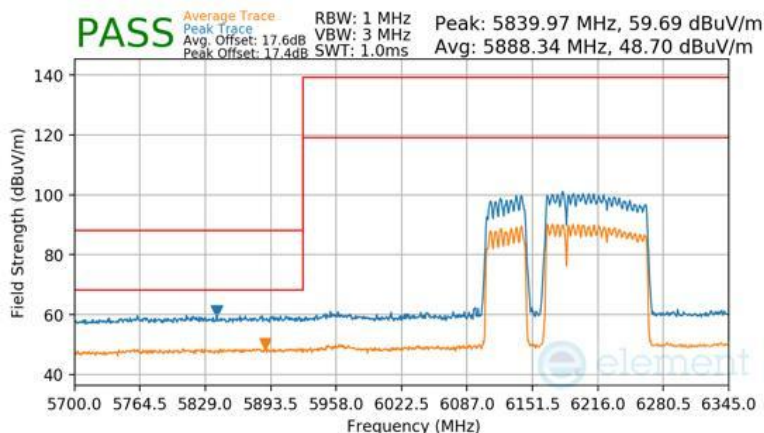


Plot 7-1147 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 448 of 473

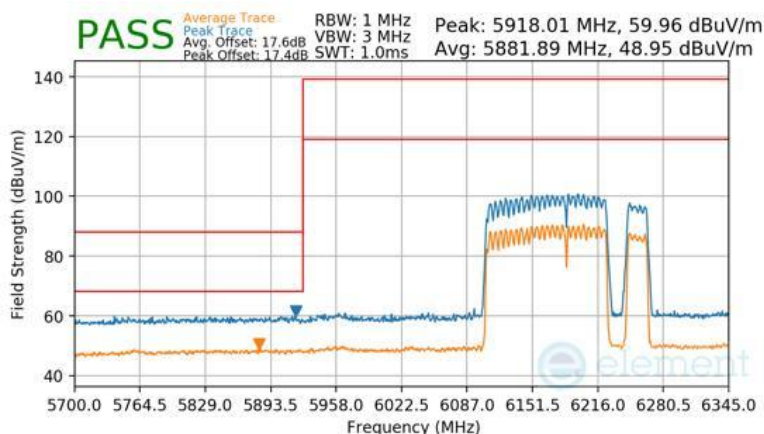
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47



Plot 7-1148 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47

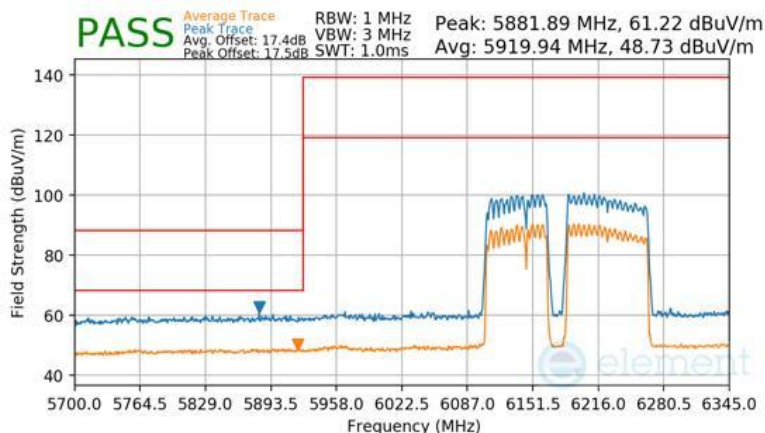


Plot 7-1149 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 449 of 473

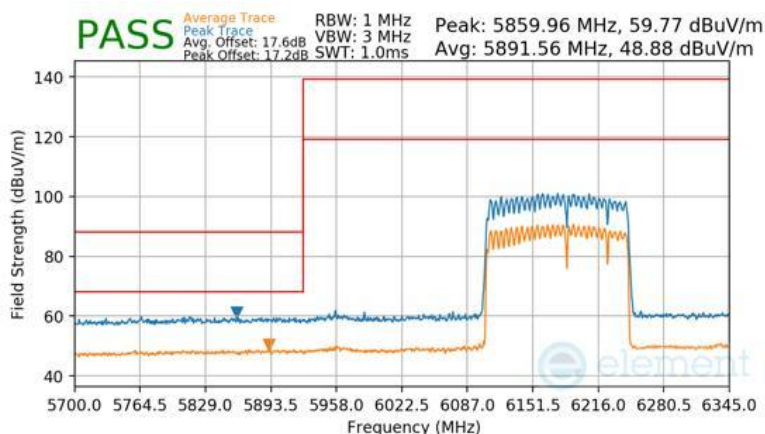
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47



Plot 7-1150 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6185MHz
Channel: 47

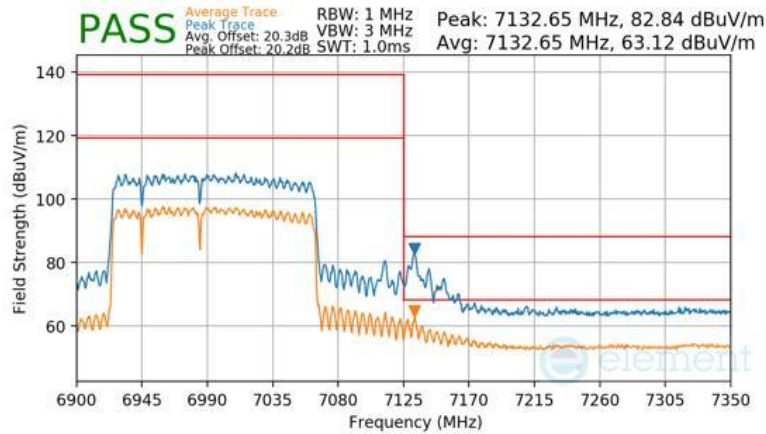


Plot 7-1151 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 450 of 473

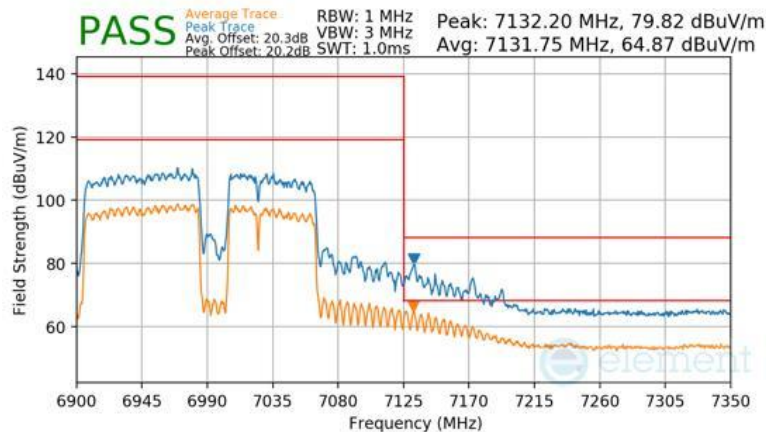
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1152 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207

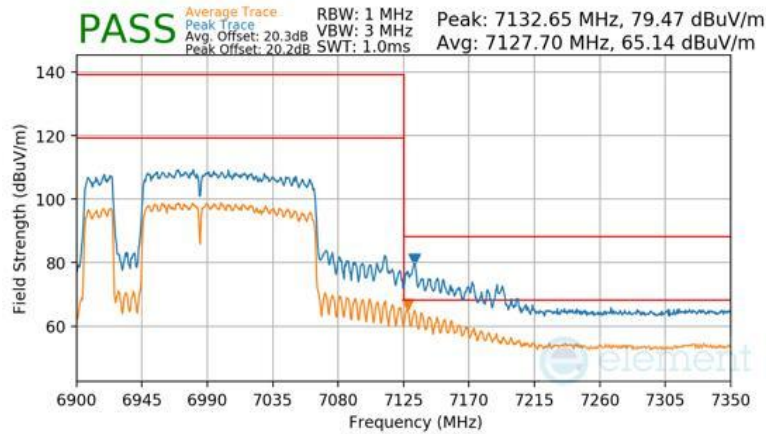


Plot 7-1153 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 451 of 473

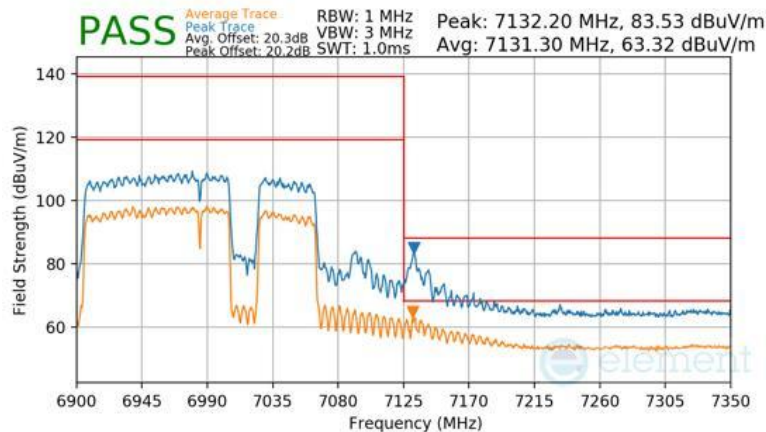
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1154 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

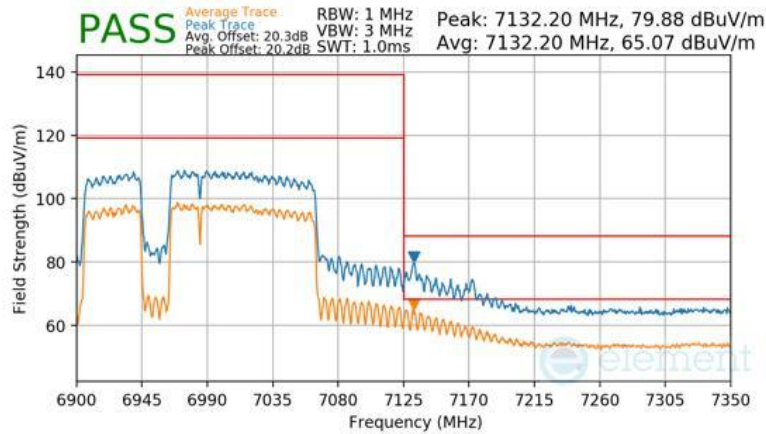
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1155 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

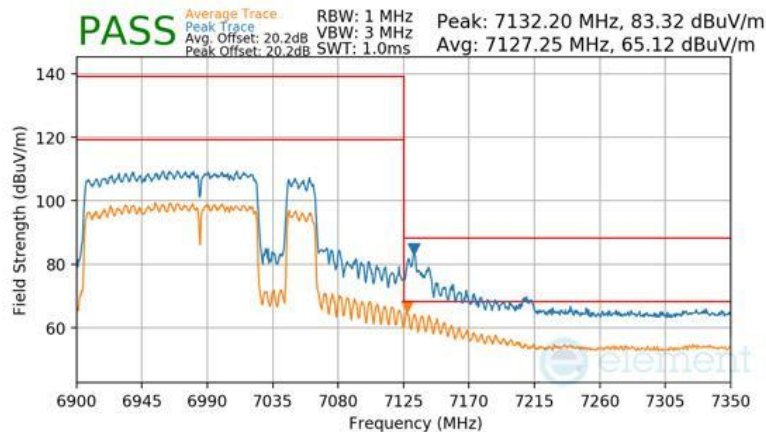
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 452 of 473

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1156 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207

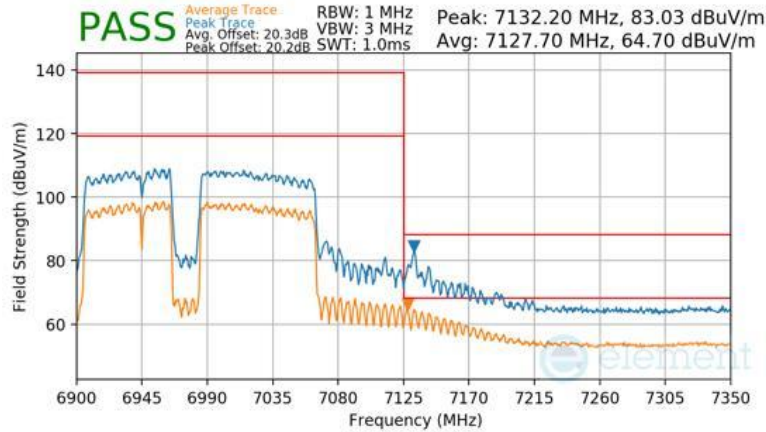


Plot 7-1157 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 453 of 473

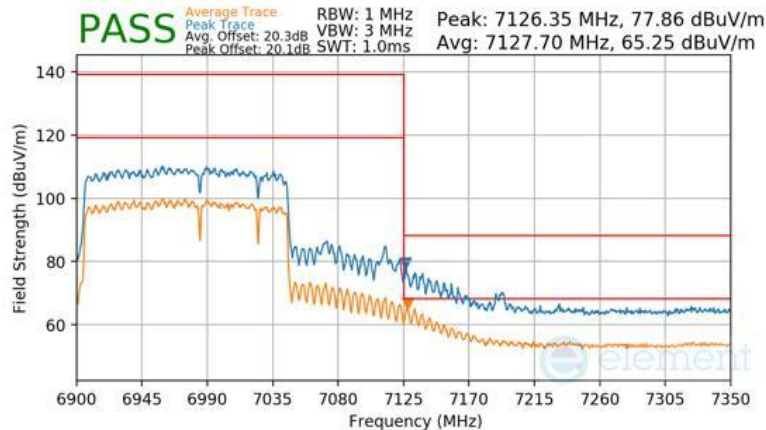
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1158 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1159 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 454 of 473

V 11.0 05/2025

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 must not exceed the limits shown in Table 7-151 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 7-151. Radiated Limits

Test Procedures Used

ANSI C63.10-2020

Test Settings

Quasi-Peak Field Strength Measurements

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

Peak Field Strength Measurements

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

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 456 of 473

V 11.0 05/2025

Test Setup

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

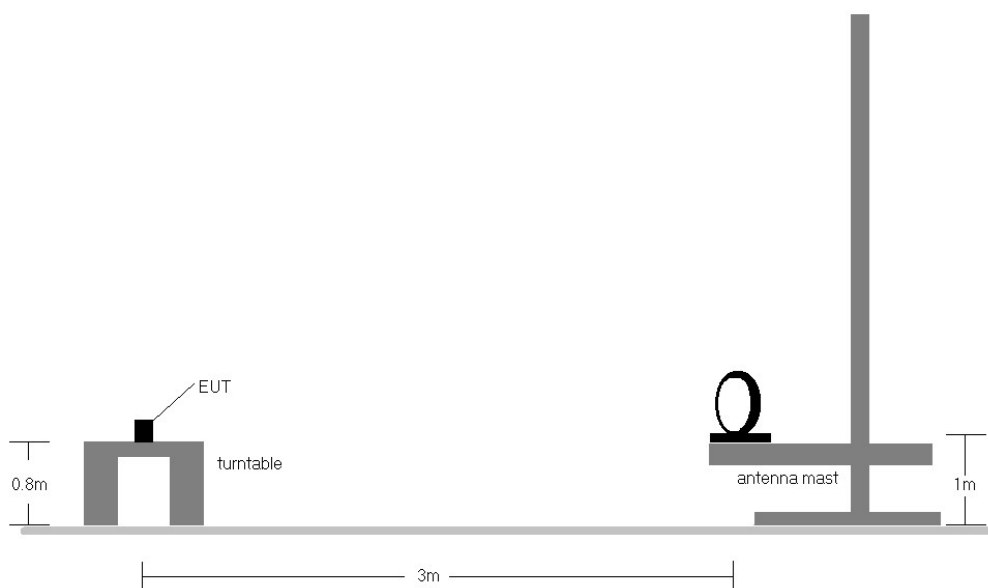


Figure 7-6. Radiated Test Setup < 30MHz

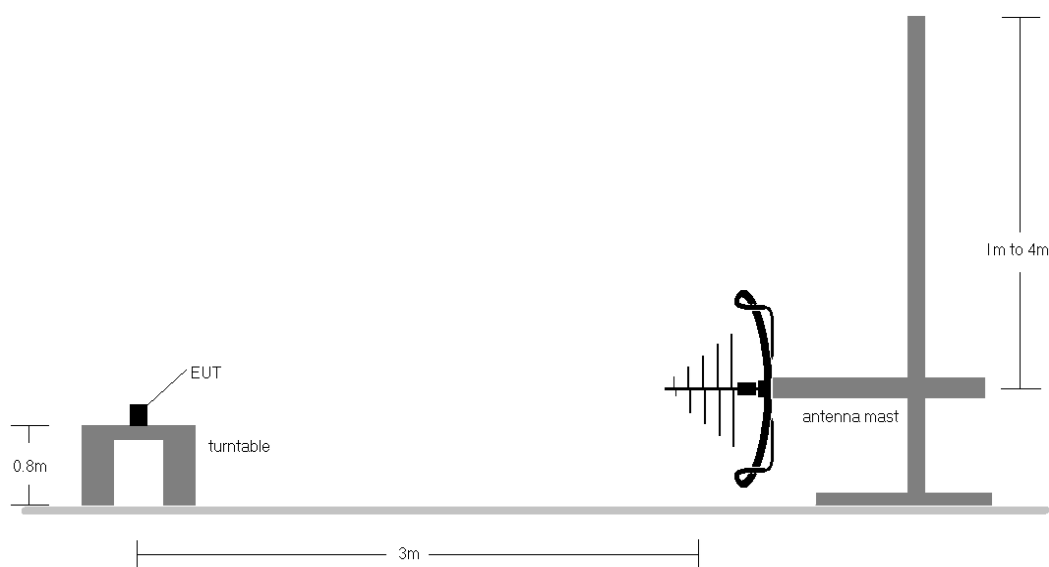


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 457 of 473

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 7-151.
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

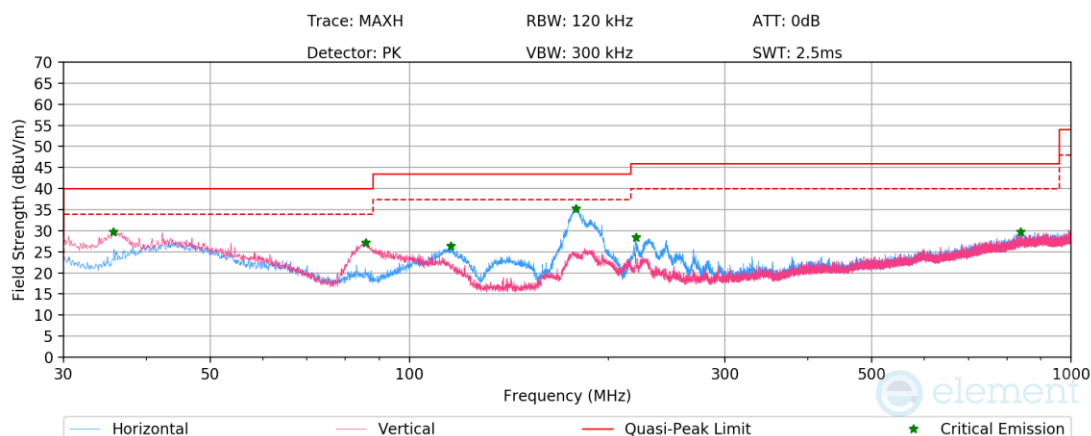
Determining Spurious Emissions Levels

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

FCC ID: BCGA3462 IC: 579C-A3462			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device		Page 458 of 473

V 11.0 05/2025

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



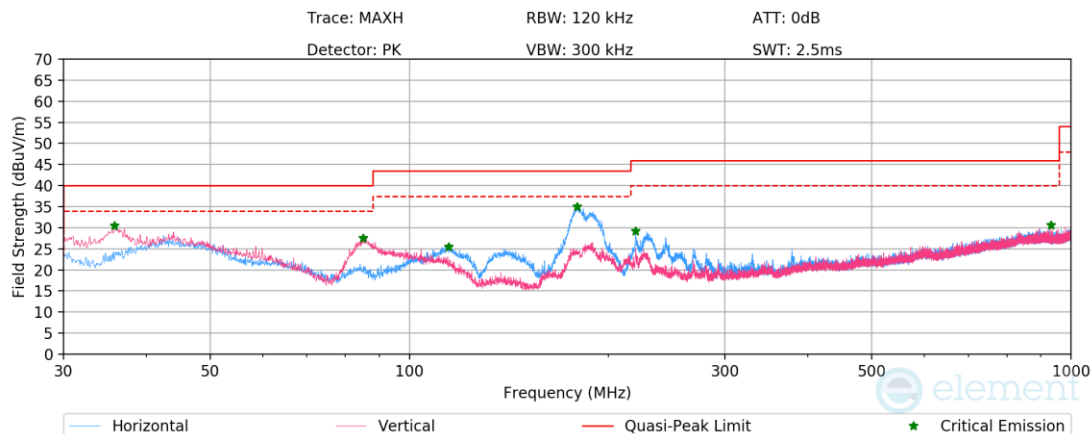
Plot 7-1162. Radiated Spurious Emissions below 1GHz SDM Primary (802.11be – Ch.61 – RU52) with AC/DC Adapter

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]
35.67	Max-Peak	V	100	-	-59.33	-17.94	29.73	40.00	-10.27
85.83	Max-Peak	V	100	-	-59.01	-20.84	27.16	40.00	-12.84
115.53	Max-Peak	H	300	-	-61.74	-18.94	26.32	43.50	-17.18
178.41	Max-Peak	H	200	-	-52.09	-19.67	35.24	43.50	-8.26
219.99	Max-Peak	H	100	-	-61.16	-17.43	28.41	46.00	-17.59
839.95	Max-Peak	H	200	-	-72.54	-4.69	29.77	46.00	-16.23

Table 7-152. Radiated Spurious Emissions below 1GHz SDM Primary(802.11be – Ch.61 – RU52) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 459 of 473

V 11.0 05/2025



Plot 7-1163. Radiated Spurious Emissions below 1GHz SDM Primary (802.11be – Ch.61 – RU242) with AC/DC Adapter

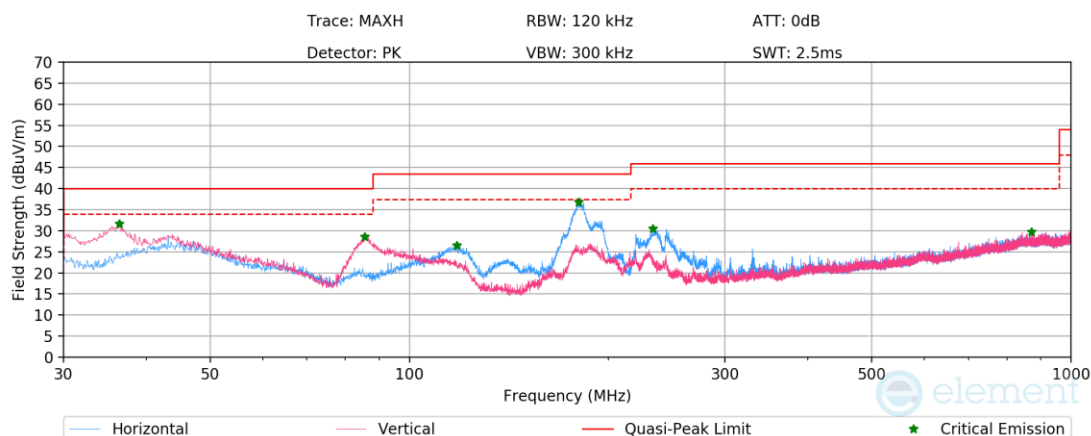
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
35.85	Max-Peak	V	100	-	-58.60	-17.86	30.54	40.00	-9.46
85.11	Max-Peak	V	100	-	-58.37	-21.04	27.59	40.00	-12.41
114.69	Max-Peak	H	300	-	-62.74	-18.84	25.42	43.50	-18.08
179.13	Max-Peak	H	200	-	-52.35	-19.61	35.05	43.50	-8.45
219.81	Max-Peak	H	100	-	-60.36	-17.45	29.18	46.00	-16.82
932.71	Max-Peak	V	300	-	-71.94	-4.46	30.60	46.00	-15.40

Table 7-153. Radiated Spurious Emissions below 1GHz SDM Primary (802.11be – Ch.61 – RU242) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 460 of 473

V 11.0 05/2025

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



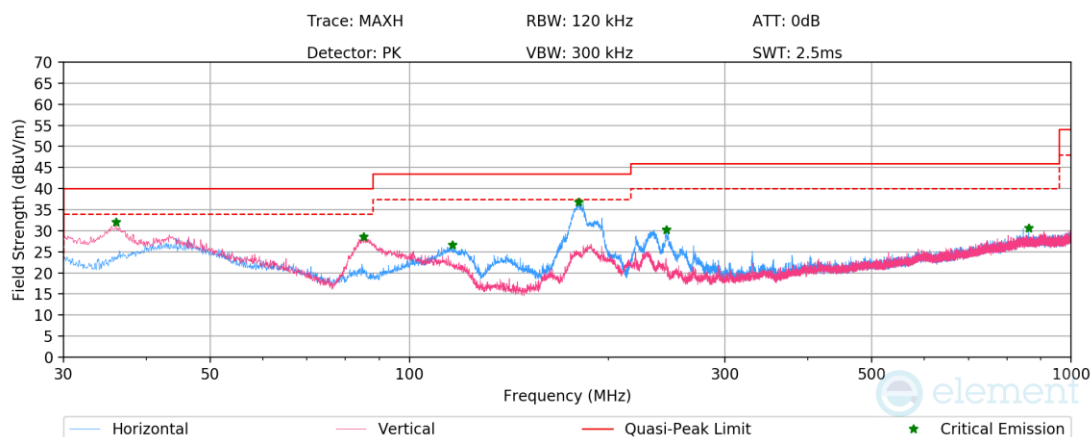
Plot 7-1164. Radiated Spurious Emissions below 1GHz SDM Diversity (802.11be – Ch.61 – RU52) with AC/DC Adapter

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]
36.45	Max-Peak	V	100	-	-57.78	-17.57	31.66	40.00	-8.34
85.59	Max-Peak	V	100	-	-57.57	-20.90	28.53	40.00	-11.47
117.87	Max-Peak	H	200	-	-61.24	-19.28	26.48	43.50	-17.02
180.15	Max-Peak	H	200	-	-50.69	-19.51	36.80	43.50	-6.70
233.43	Max-Peak	H	100	-	-59.75	-16.79	30.46	46.00	-15.54
871.09	Max-Peak	V	100	-	-72.56	-4.75	29.69	46.00	-16.31

Table 7-154. Radiated Spurious Emissions below 1GHz SDM Diversity(802.11be – Ch.61 – RU52) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 461 of 473

V 11.0 05/2025



Plot 7-1165. Radiated Spurious Emissions below 1GHz SDM Diversity (802.11be – Ch.61 – RU242) 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]
36.03	Max-Peak	V	100	-	-57.14	-17.77	32.09	40.00	-7.91
85.23	Max-Peak	V	100	-	-57.40	-21.00	28.60	40.00	-11.40
116.13	Max-Peak	H	300	-	-61.40	-19.01	26.60	43.50	-16.90
180.09	Max-Peak	H	200	-	-50.63	-19.51	36.86	43.50	-6.64
244.47	Max-Peak	H	100	-	-60.40	-16.40	30.20	46.00	-15.80
862.87	Max-Peak	H	200	-	-71.58	-4.78	30.64	46.00	-15.36

Table 7-155. Radiated Spurious Emissions below 1GHz SDM Diversity (802.11be – Ch.61 – RU242) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 462 of 473

V 11.0 05/2025

7.9 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 (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-156. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2020, 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: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 463 of 473

V 11.0 05/2025

Test Setup

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

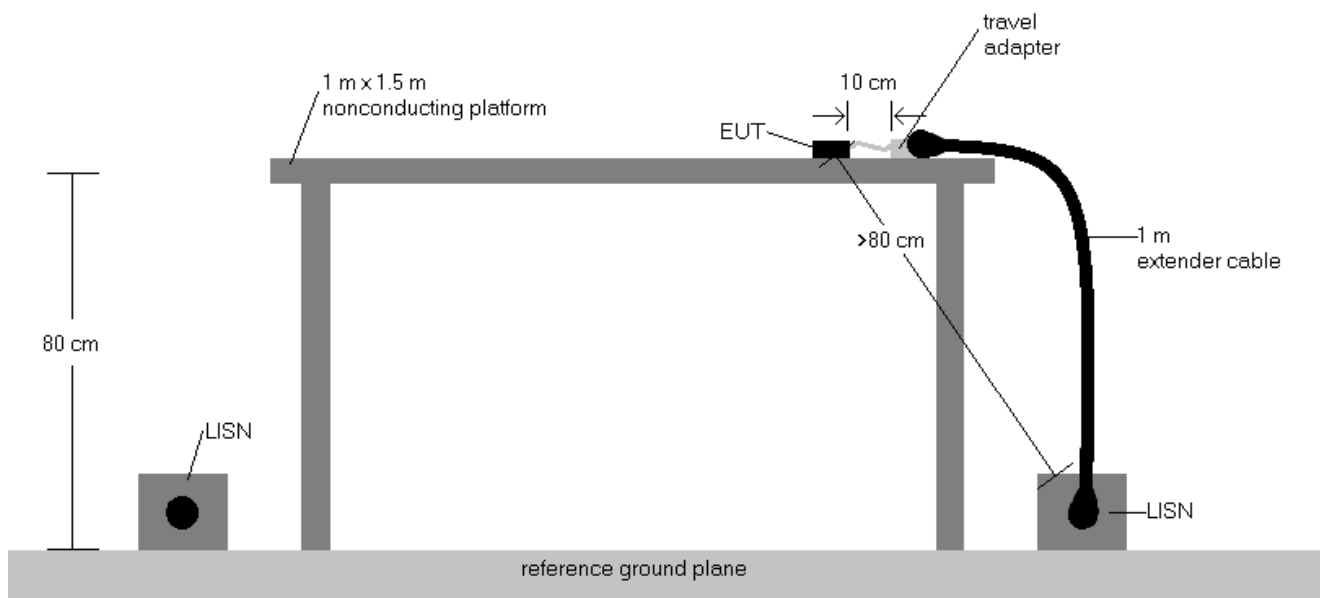


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

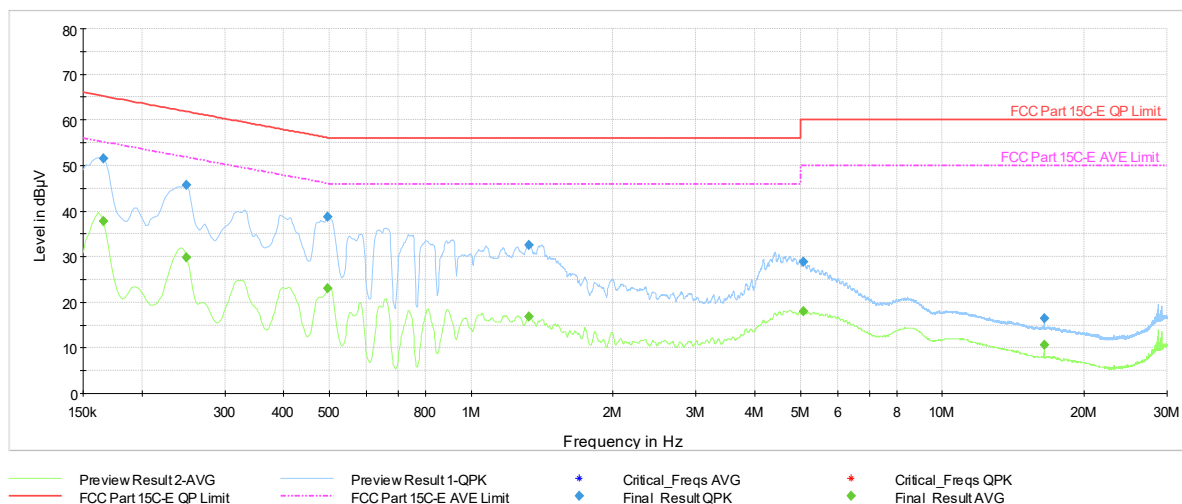
1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C 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: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 464 of 473

V 11.0 05/2025

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7.9.1 SDM Primary



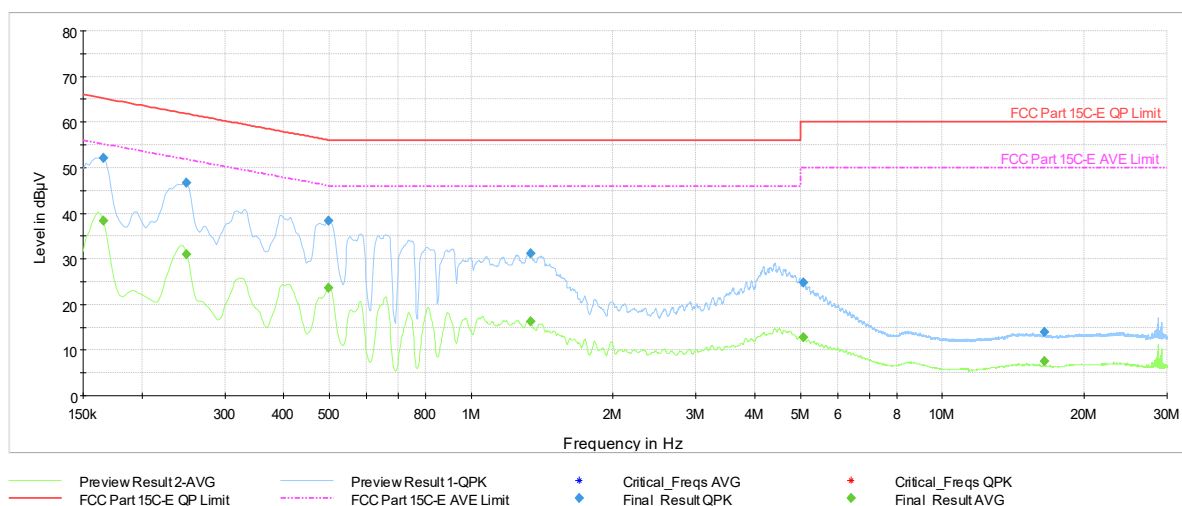
Plot 7-1166. AC Line Conducted Plot with 11be UNII Band 5 SDM Primary – RU52 – Ch.61 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	37.70	55.17	-17.47	L1	GND
0.17	FINAL	51.62	---	65.17	-13.55	L1	GND
0.25	FINAL	---	29.90	51.79	-21.89	L1	GND
0.25	FINAL	45.65	---	61.79	-16.14	L1	GND
0.50	FINAL	---	22.97	46.06	-23.09	L1	GND
0.50	FINAL	38.72	---	56.06	-17.34	L1	GND
1.33	FINAL	32.47	---	56.00	-23.53	L1	GND
1.33	FINAL	---	16.76	46.00	-29.24	L1	GND
5.08	FINAL	28.82	---	60.00	-31.18	L1	GND
5.08	FINAL	---	18.08	50.00	-31.92	L1	GND
16.44	FINAL	---	10.70	50.00	-39.30	L1	GND
16.44	FINAL	16.51	---	60.00	-43.49	L1	GND

Table 7-157. AC Line Conducted Data with 11be UNII Band 5 SDM Primary – RU52 – Ch.61 (L1) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 465 of 473

V 11.0 05/2025



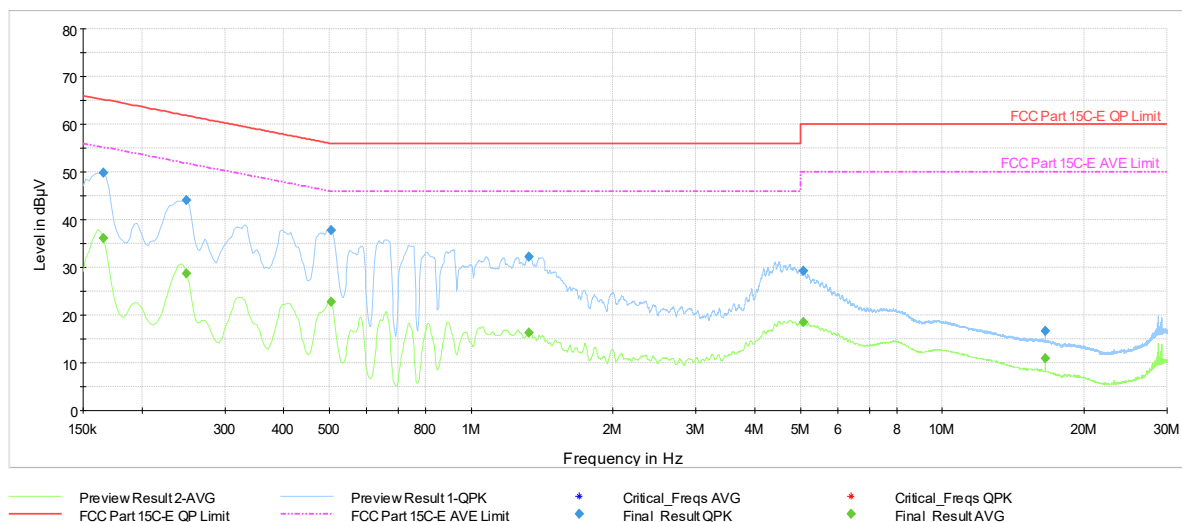
Plot 7-1167. AC Line Conducted Plot with 11be UNII Band 5 SDM Primary – RU52 – Ch.61 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	38.35	55.17	-16.82	N	GND
0.17	FINAL	52.18	---	65.17	-12.99	N	GND
0.25	FINAL	---	31.05	51.79	-20.74	N	GND
0.25	FINAL	46.61	---	61.79	-15.18	N	GND
0.50	FINAL	---	23.56	46.02	-22.46	N	GND
0.50	FINAL	38.26	---	56.02	-17.76	N	GND
1.34	FINAL	31.15	---	56.00	-24.85	N	GND
1.34	FINAL	---	16.28	46.00	-29.72	N	GND
5.08	FINAL	24.82	---	60.00	-35.18	N	GND
5.08	FINAL	---	12.85	50.00	-37.15	N	GND
16.44	FINAL	---	7.55	50.00	-42.45	N	GND
16.44	FINAL	14.02	---	60.00	-45.98	N	GND

Table 7-158. AC Line Conducted Data with 11be UNII Band 5 SDM Primary – RU52 – Ch.61 (N) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 466 of 473

V 11.0 05/2025



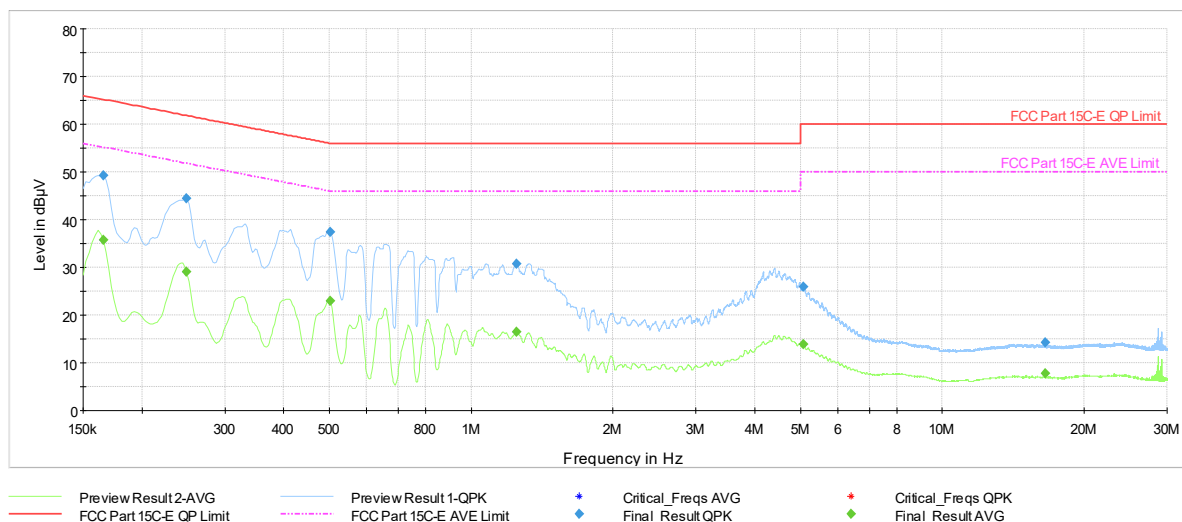
Plot 7-1168. AC Line Conducted Plot with 11be UNII Band 5 SDM Primary – RU242 – Ch.61 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	36.15	55.17	-19.02	L1	GND
0.17	FINAL	49.87	---	65.17	-15.30	L1	GND
0.25	FINAL	---	28.75	51.79	-23.04	L1	GND
0.25	FINAL	44.13	---	61.79	-17.66	L1	GND
0.50	FINAL	---	22.79	46.00	-23.21	L1	GND
0.50	FINAL	37.71	---	56.00	-18.29	L1	GND
1.33	FINAL	32.25	---	56.00	-23.75	L1	GND
1.33	FINAL	---	16.29	46.00	-29.71	L1	GND
5.08	FINAL	29.18	---	60.00	-30.82	L1	GND
5.08	FINAL	---	18.55	50.00	-31.45	L1	GND
16.52	FINAL	---	10.95	50.00	-39.05	L1	GND
16.52	FINAL	16.65	---	60.00	-43.35	L1	GND

Table 7-159. AC Line Conducted Data with 11be UNII Band 5 SDM Primary – RU242 – Ch.61 (L1) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 467 of 473

V 11.0 05/2025



Plot 7-1169. AC Line Conducted Plot with 11be UNII Band 5 SDM Primary – RU242 – Ch.61 (N) with AC/DC Adapter

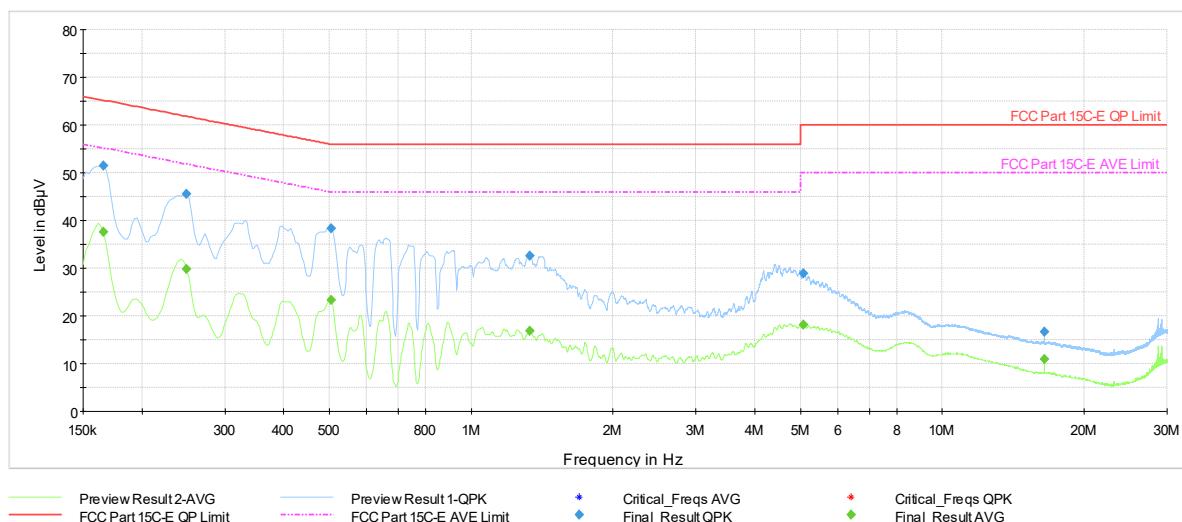
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	35.71	55.17	-19.46	N	GND
0.17	FINAL	49.31	---	65.17	-15.86	N	GND
0.25	FINAL	---	28.99	51.79	-22.80	N	GND
0.25	FINAL	44.51	---	61.79	-17.28	N	GND
0.50	FINAL	---	22.91	46.00	-23.09	N	GND
0.50	FINAL	37.34	---	56.00	-18.66	N	GND
1.25	FINAL	30.73	---	56.00	-25.27	N	GND
1.25	FINAL	---	16.56	46.00	-29.44	N	GND
5.07	FINAL	25.89	---	60.00	-34.11	N	GND
5.07	FINAL	---	13.82	50.00	-36.18	N	GND
16.51	FINAL	---	7.82	50.00	-42.18	N	GND
16.51	FINAL	14.19	---	60.00	-45.81	N	GND

Table 7-160. AC Line Conducted Data with 11be UNII Band 5 SDM Primary – RU242 – Ch.61 (N) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 468 of 473	

V 11.0 05/2025

7.9.2 SDM Diversity



Plot 7-1170. AC Line Conducted Plot with 11be UNII Band 5 SDM Diversity – RU52 – Ch.61 (L1) with AC/DC Adapter

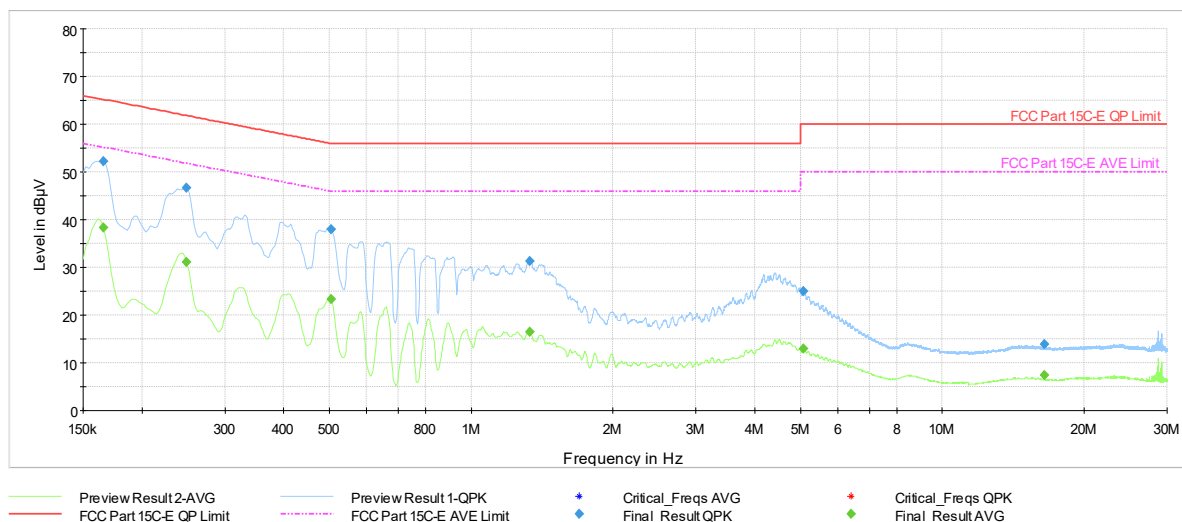
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	37.57	55.17	-17.60	L1	GND
0.17	FINAL	51.43	---	65.17	-13.74	L1	GND
0.25	FINAL	---	29.85	51.79	-21.94	L1	GND
0.25	FINAL	45.48	---	61.79	-16.31	L1	GND
0.50	FINAL	---	23.30	46.00	-22.70	L1	GND
0.50	FINAL	38.26	---	56.00	-17.74	L1	GND
1.33	FINAL	32.52	---	56.00	-23.48	L1	GND
1.33	FINAL	---	16.79	46.00	-29.21	L1	GND
5.08	FINAL	28.87	---	60.00	-31.13	L1	GND
5.08	FINAL	---	18.15	50.00	-31.85	L1	GND
16.49	FINAL	---	10.84	50.00	-39.16	L1	GND
16.49	FINAL	16.58	---	60.00	-43.42	L1	GND

Table 7-161. AC Line Conducted Data with 11be UNII Band 5 SDM Diversity – RU52 – Ch.61 (L1) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 469 of 473

V 11.0 05/2025

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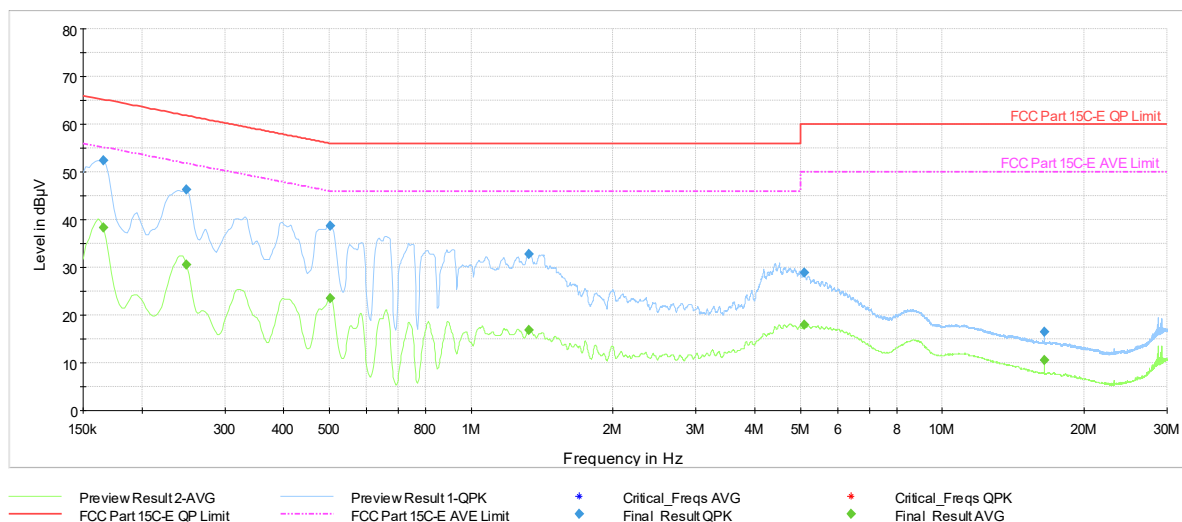
Plot 7-1171. AC Line Conducted Plot with 11be UNII Band 5 SDM Diversity – RU52 – Ch.61 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	38.42	55.17	-16.75	N	GND
0.17	FINAL	52.27	---	65.17	-12.90	N	GND
0.25	FINAL	---	31.13	51.79	-20.66	N	GND
0.25	FINAL	46.66	---	61.79	-15.13	N	GND
0.50	FINAL	---	23.37	46.00	-22.63	N	GND
0.50	FINAL	37.94	---	56.00	-18.06	N	GND
1.33	FINAL	31.28	---	56.00	-24.72	N	GND
1.33	FINAL	---	16.51	46.00	-29.49	N	GND
5.08	FINAL	25.02	---	60.00	-34.98	N	GND
5.08	FINAL	---	12.94	50.00	-37.06	N	GND
16.48	FINAL	---	7.45	50.00	-42.55	N	GND
16.48	FINAL	13.90	---	60.00	-46.10	N	GND

Table 7-162. AC Line Conducted Data with 11be UNII Band 5 SDM Diversity – RU52 – Ch.61 (N) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 470 of 473

V 11.0 05/2025



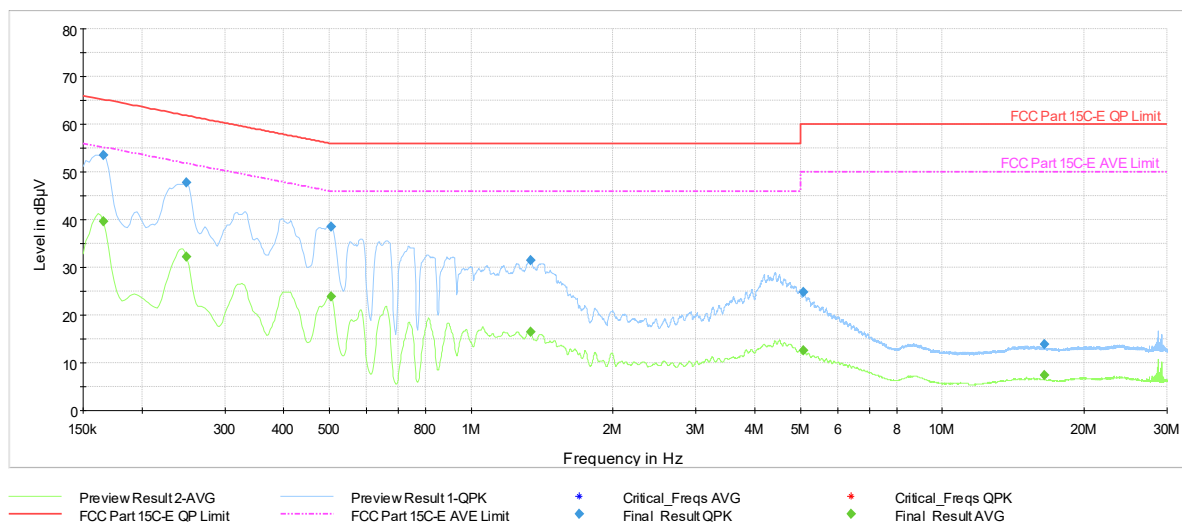
Plot 7-1172. AC Line Conducted Plot with 11be UNII Band 5 SDM Diversity – RU242 – Ch.61 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	38.36	55.17	-16.81	L1	GND
0.17	FINAL	52.36	---	65.17	-12.81	L1	GND
0.25	FINAL	---	30.51	51.79	-21.28	L1	GND
0.25	FINAL	46.29	---	61.79	-15.50	L1	GND
0.50	FINAL	---	23.45	46.00	-22.55	L1	GND
0.50	FINAL	38.67	---	56.00	-17.33	L1	GND
1.33	FINAL	32.71	---	56.00	-23.29	L1	GND
1.33	FINAL	---	16.84	46.00	-29.16	L1	GND
5.09	FINAL	28.96	---	60.00	-31.04	L1	GND
5.09	FINAL	---	18.01	50.00	-31.99	L1	GND
16.48	FINAL	---	10.61	50.00	-39.39	L1	GND
16.48	FINAL	16.45	---	60.00	-43.55	L1	GND

Table 7-163. AC Line Conducted Data with 11be UNII Band 5 SDM Diversity – RU242 – Ch.61 (L1) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 471 of 473	

V 11.0 05/2025



Plot 7-1173. AC Line Conducted Plot with 11be UNII Band 5 SDM Diversity – RU242 – Ch.61 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	39.63	55.17	-15.54	N	GND
0.17	FINAL	53.59	---	65.17	-11.58	N	GND
0.25	FINAL	---	32.16	51.79	-19.63	N	GND
0.25	FINAL	47.72	---	61.79	-14.07	N	GND
0.50	FINAL	---	23.92	46.00	-22.08	N	GND
0.50	FINAL	38.44	---	56.00	-17.56	N	GND
1.34	FINAL	31.41	---	56.00	-24.59	N	GND
1.34	FINAL	---	16.53	46.00	-29.47	N	GND
5.08	FINAL	24.76	---	60.00	-35.24	N	GND
5.08	FINAL	---	12.60	50.00	-37.40	N	GND
16.47	FINAL	---	7.48	50.00	-42.52	N	GND
16.47	FINAL	13.83	---	60.00	-46.17	N	GND

Table 7-164. AC Line Conducted Data with 11be UNII Band 5 SDM Diversity – RU242 – Ch.61 (N) with AC/DC Adapter

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 472 of 473

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: BCGA3462** and **IC: 579C-A3462** 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: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-27-R2.BCG	Test Dates: 9/15/2025 - 12/23/2025	EUT Type: Tablet Device	Page 473 of 473

V 11.0 05/2025

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