

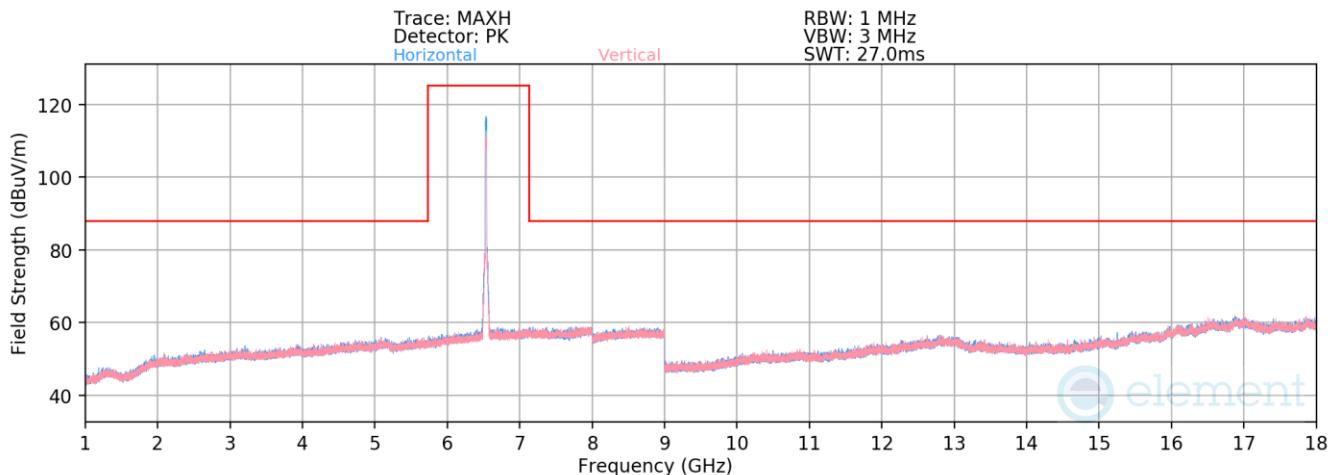
**Plot 7-168. Radiated Spurious Emissions 1-18GHz SDM Primary (802.11ax – Ch. 93)**

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
12830.00	Average	V	-	-	-85.23	22.24	44.01	68.23	-24.22
12830.00	Peak	V	-	-	-72.35	22.00	56.65	88.23	-31.58

**Table 7-43. Radiated Spurious Emission Measurements SDM Primary**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 93 of 134	



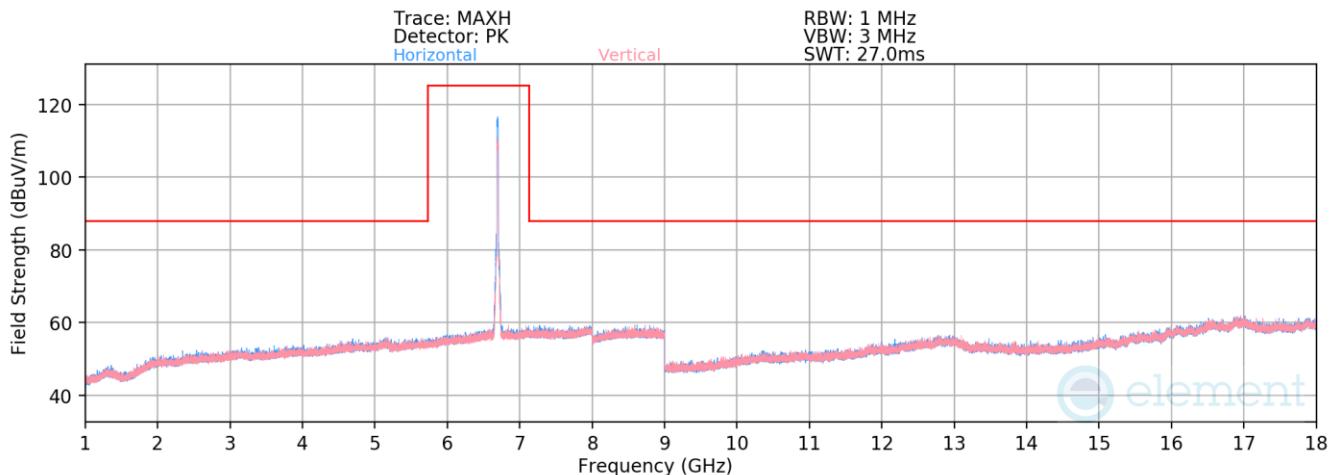
**Plot 7-169. Radiated Spurious Emissions 1-18GHz SDM Primary (802.11ax – Ch. 117)**

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
13070.00	Average	V	-	-	-85.14	21.89	43.75	68.23	-24.48
13070.00	Peak	V	-	-	-73.46	21.84	55.38	88.23	-32.85

**Table 7-44. Radiated Spurious Emission Measurements SDM Primary**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 94 of 134	



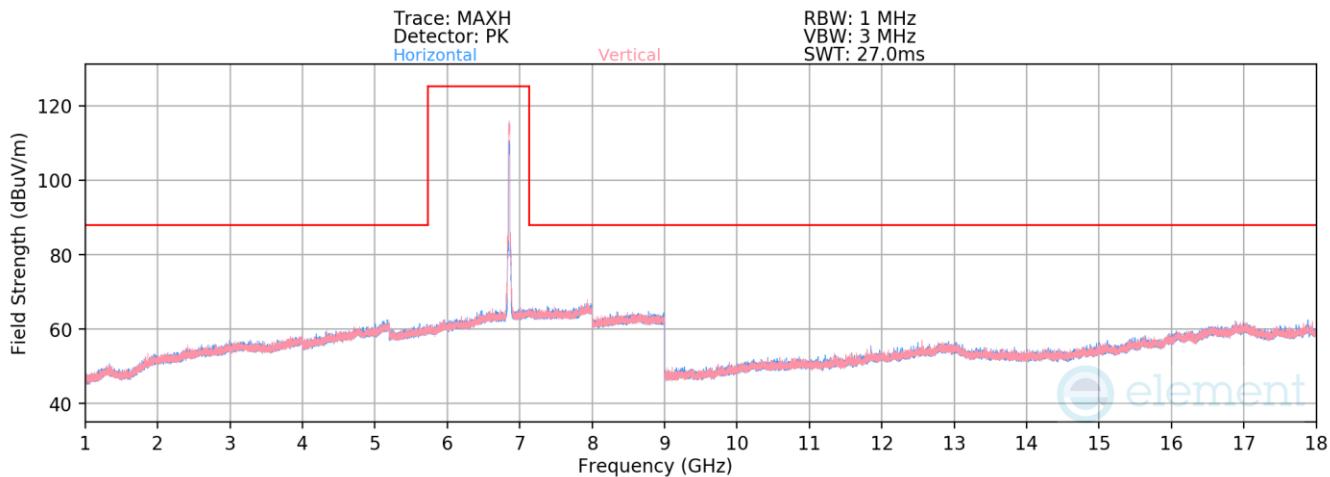
Plot 7-170. Radiated Spurious Emissions 1-18GHz SDM Primary (802.11ax – Ch. 149)

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

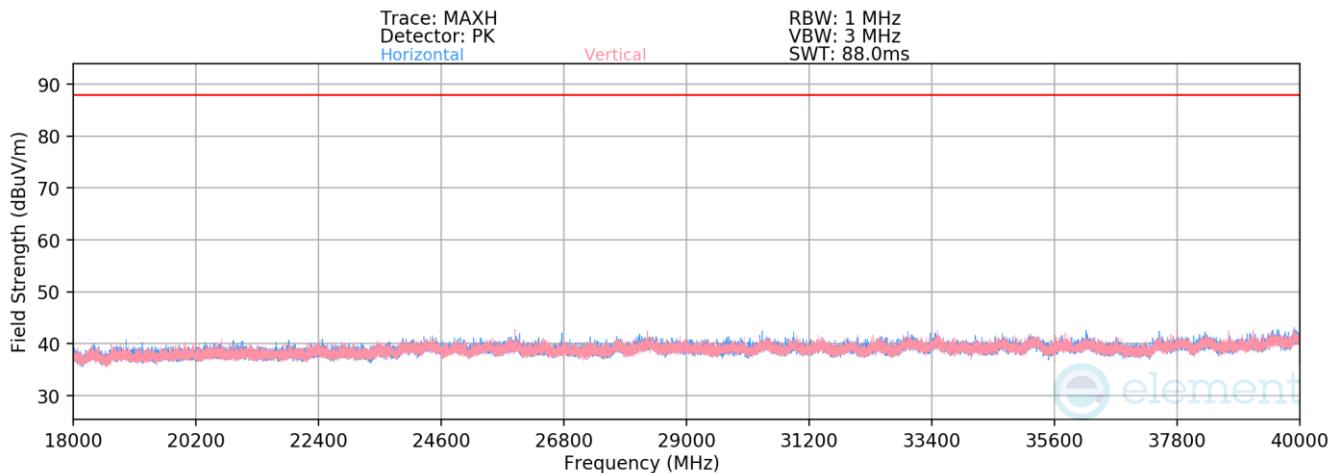
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
* 13390.00	Average	V	-	-	-85.49	22.21	43.72	53.98	-10.26
* 13390.00	Peak	V	-	-	-73.33	22.13	55.79	73.98	-18.19

Table 7-45. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 95 of 134	



Plot 7-171. Radiated Spurious Emissions 1-18GHz SDM Primary (802.11ax – Ch. 181)



Plot 7-172. Radiated Spurious Emissions 18-40GHz SDM Primary (802.11ax – Ch. 181)

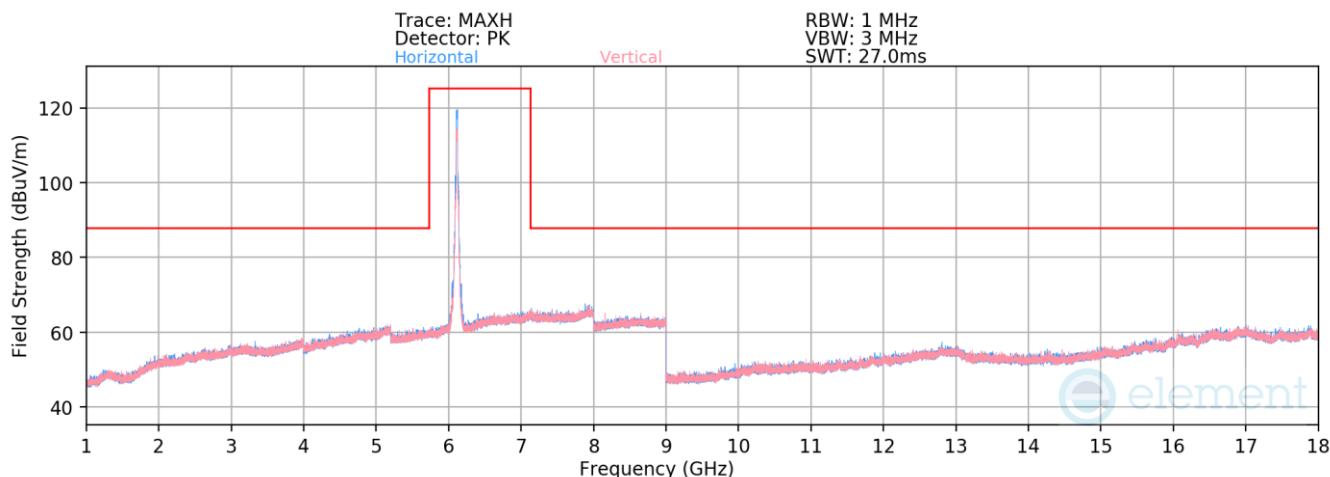
Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6855MHz  
 Channel: 181

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
13710.00	Average	V	-	-	-85.41	21.75	43.34	68.23	-24.89
13710.00	Peak	V	-	-	-73.65	22.04	55.40	88.23	-32.83

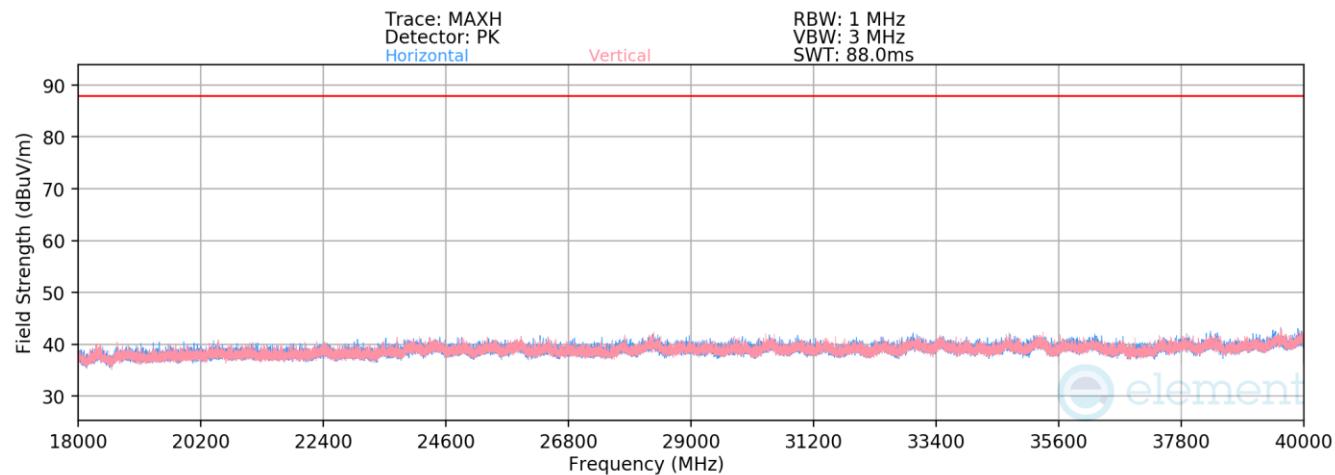
Table 7-46. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA3267 IC: 579C-A3267	MEASUREMENT REPORT (CERTIFICATION)					Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device				Page 96 of 134

## 7.8.2 SDM Diversity Radiated Spurious Emission



Plot 7-173. Radiated Spurious Emissions 1-18GHz SDM Diversity (802.11ax – Ch. 33)



Plot 7-174. Radiated Spurious Emissions 18-40GHz SDM Diversity (802.11ax – Ch. 33)

Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6115MHz
Channel:	33

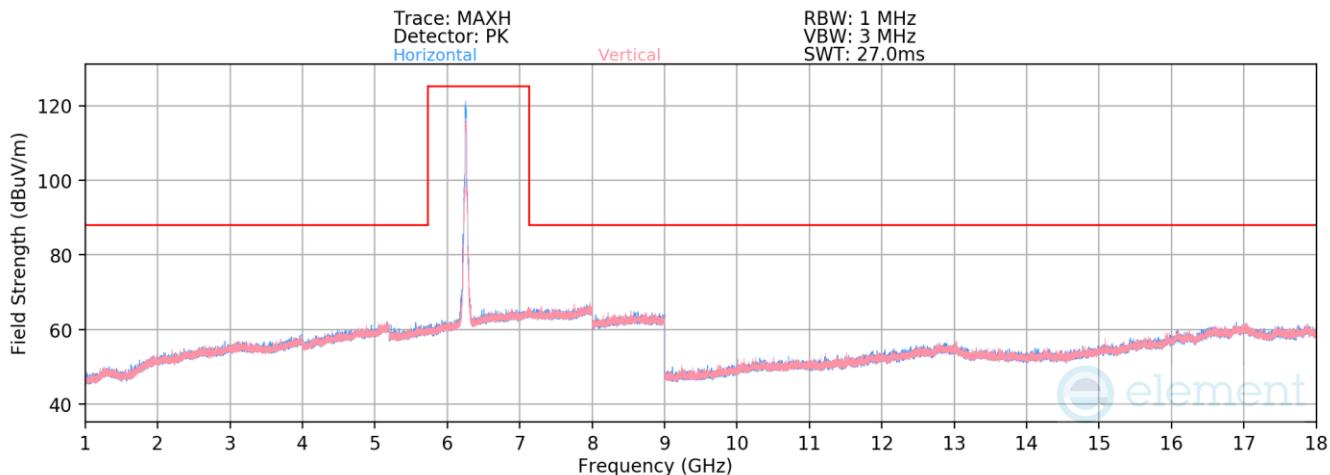
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
* 12230.00	Average	V	-	-	-85.39	20.77	42.39	53.98	-11.59
* 12230.00	Peak	V	-	-	-73.98	20.77	53.79	73.98	-20.19

Table 7-47. Radiated Spurious Emission Measurements SDM Diversity

FCC ID: BCGA3267 IC: 579C-A3267	MEASUREMENT REPORT (CERTIFICATION)					Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device				

V 10.6 10/27/2023

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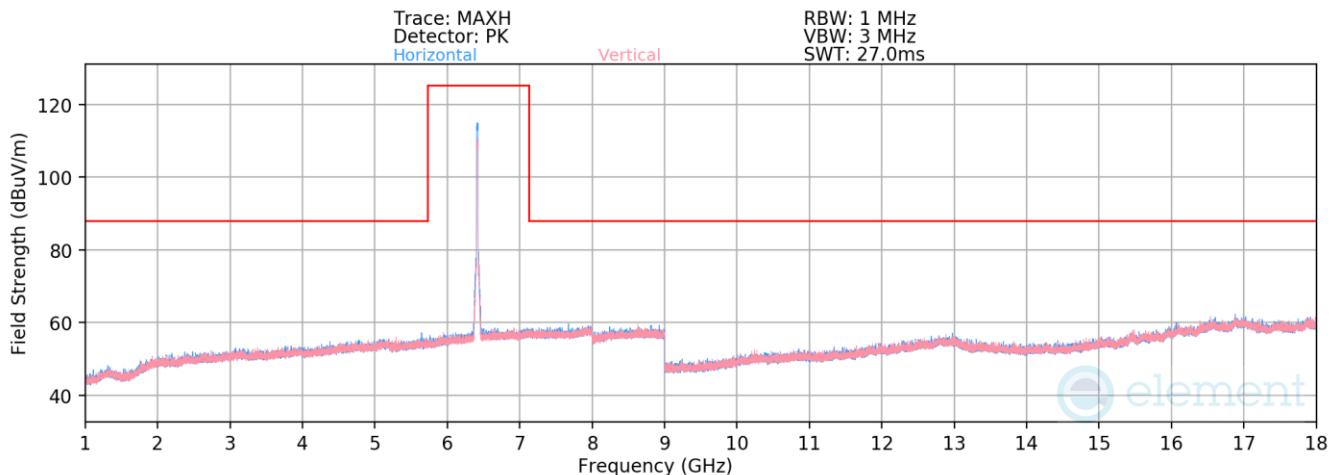
**Plot 7-175. Radiated Spurious Emissions 1-18GHz SDM Diversity (802.11ax – Ch. 61)**

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6255MHz  
 Channel: 61

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
* 12510.00	Average	V	-	-	-85.15	21.30	43.15	53.98	-10.83
* 12510.00	Peak	V	-	-	-73.85	21.26	54.41	73.98	-19.57

**Table 7-48. Radiated Spurious Emission Measurements SDM Diversity**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 98 of 134	



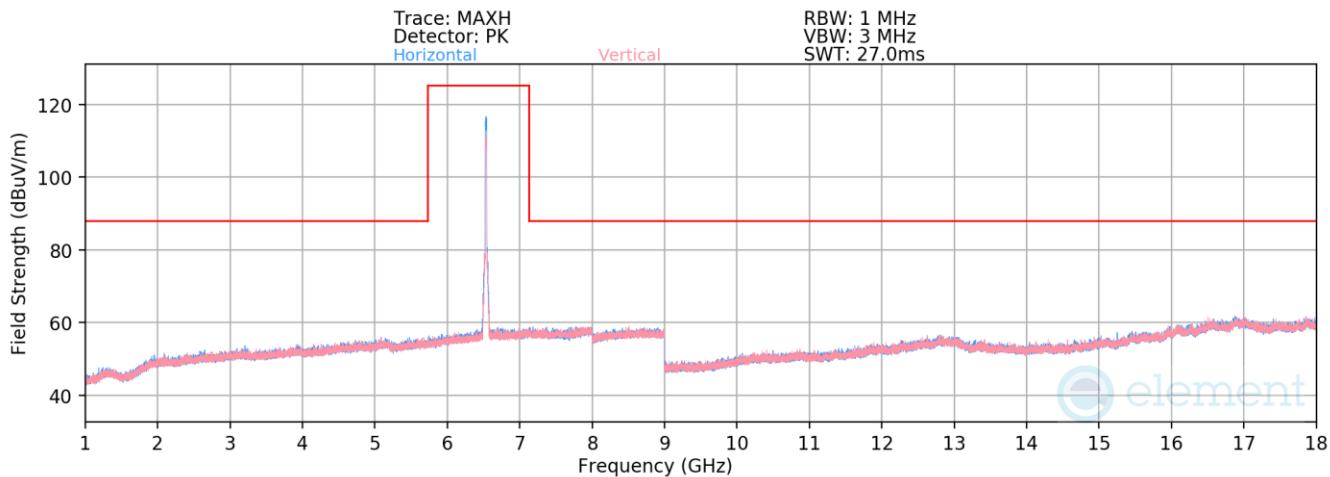
**Plot 7-176. Radiated Spurious Emissions 1-18GHz SDM Diversity (802.11ax – Ch. 93)**

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
12830.00	Average	H	-	-	-85.51	22.27	43.76	68.23	-24.47
12830.00	Peak	H	-	-	-74.16	22.27	55.12	88.23	-33.11

**Table 7-49. Radiated Spurious Emission Measurements SDM Diversity**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 99 of 134	



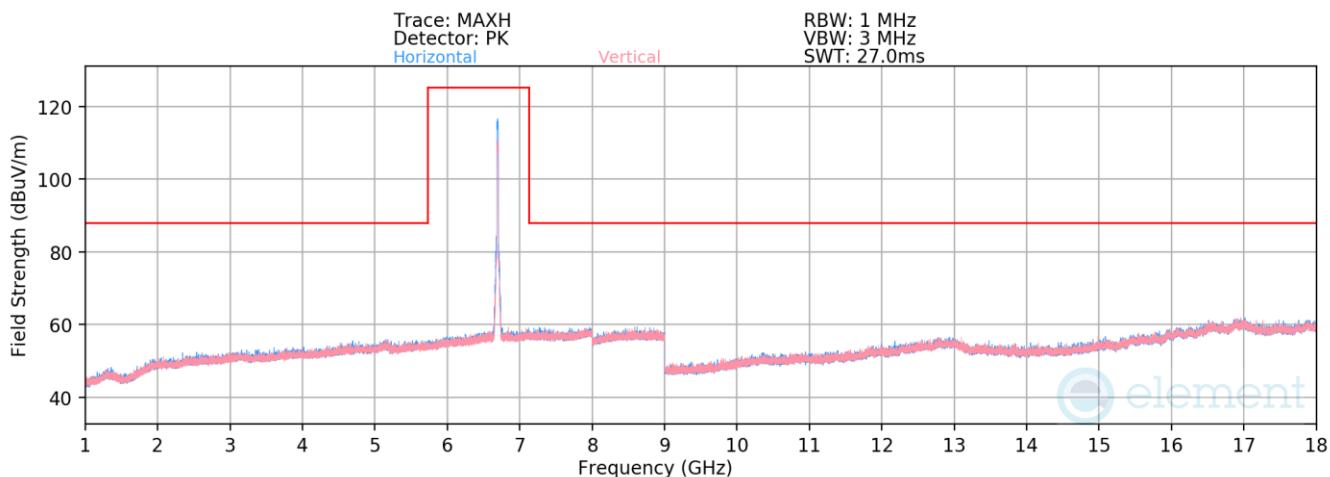
**Plot 7-177. Radiated Spurious Emissions 1-18GHz SDM Diversity (802.11ax – Ch. 117)**

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
13070.00	Average	V	-	-	-85.68	22.36	43.68	68.23	-24.55
13070.00	Peak	V	-	-	-74.50	22.21	54.71	88.23	-33.52

**Table 7-50. Radiated Spurious Emission Measurements SDM Diversity**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 100 of 134	



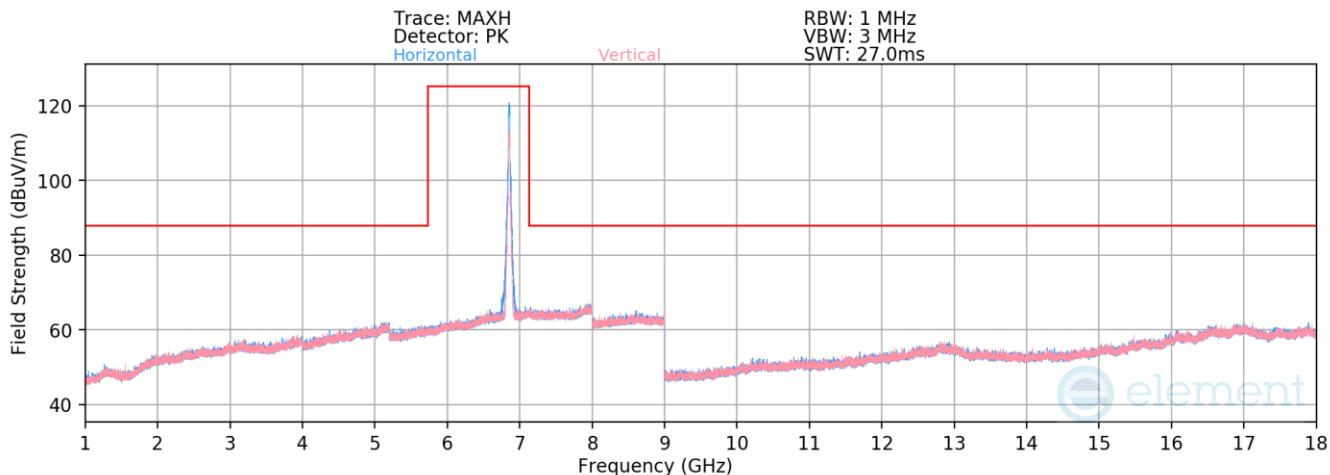
**Plot 7-178. Radiated Spurious Emissions 1-18GHz SDM Diversity (802.11ax – Ch. 149)**

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

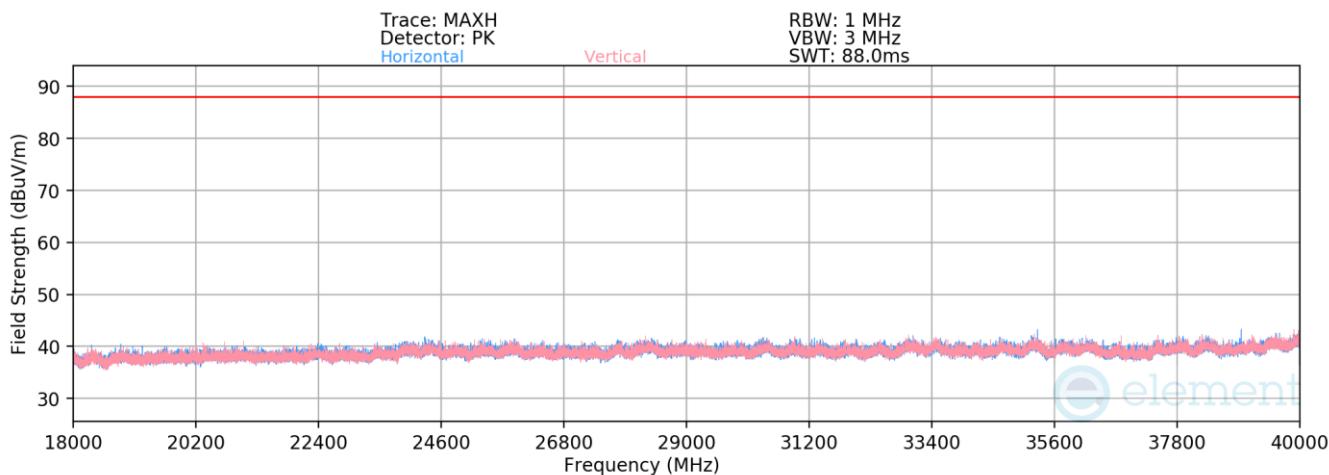
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
* 13390.00	Average	H	-	-	-85.82	22.06	43.24	53.98	-10.74
* 13390.00	Peak	H	-	-	-73.90	21.88	54.97	73.98	-19.01

**Table 7-51. Radiated Spurious Emission Measurements SDM Diversity**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 101 of 134	



**Plot 7-179. Radiated Spurious Emissions 1-18GHz SDM Diversity (802.11ax – Ch. 181)**



**Plot 7-180. Radiated Spurious Emissions 18-40GHz SDM Diversity (802.11ax – Ch. 181)**

Mode: 802.11ax  
 Data Rate: MCS0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6855MHz  
 Channel: 181

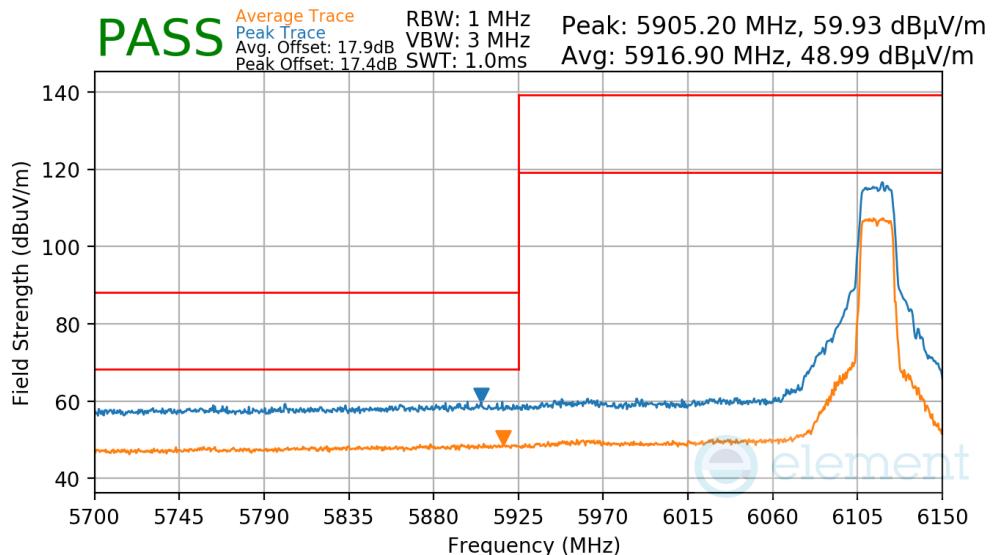
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
13710.00	Average	H	-	-	-85.70	21.70	43.00	68.23	-25.23
13710.00	Peak	H	-	-	-74.49	21.73	54.24	88.23	-33.99

**Table 7-52. Radiated Spurious Emission Measurements SDM Diversity**

FCC ID: BCGA3267 IC: 579C-A3267	e element					MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025		EUT Type: Tablet Device					Page 102 of 134	

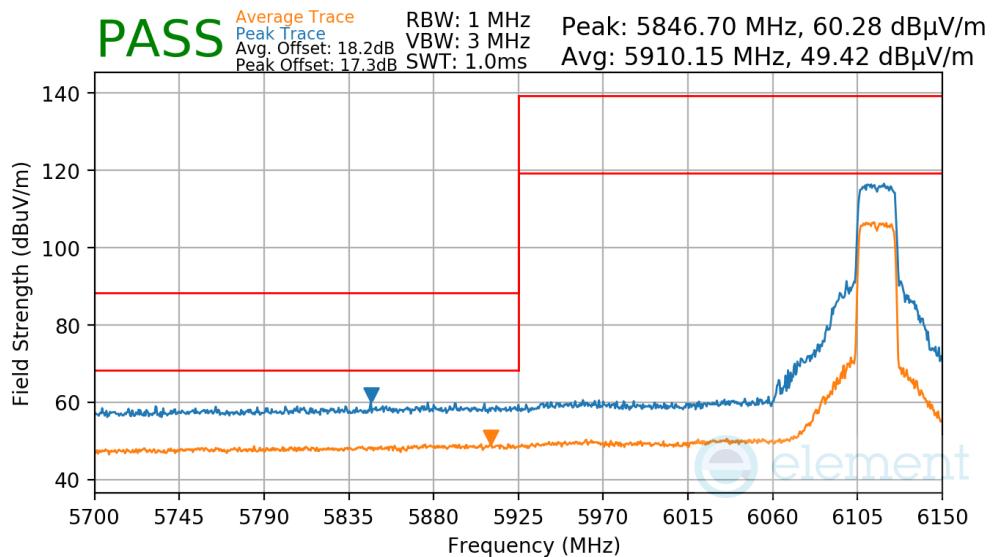
### 7.8.3 Antenna 3c Radiated Band Edge Measurements (20MHz BW)

Mode	802.11a
Data Rate	MCS54
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



Plot 7-181 Antenna 3c Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

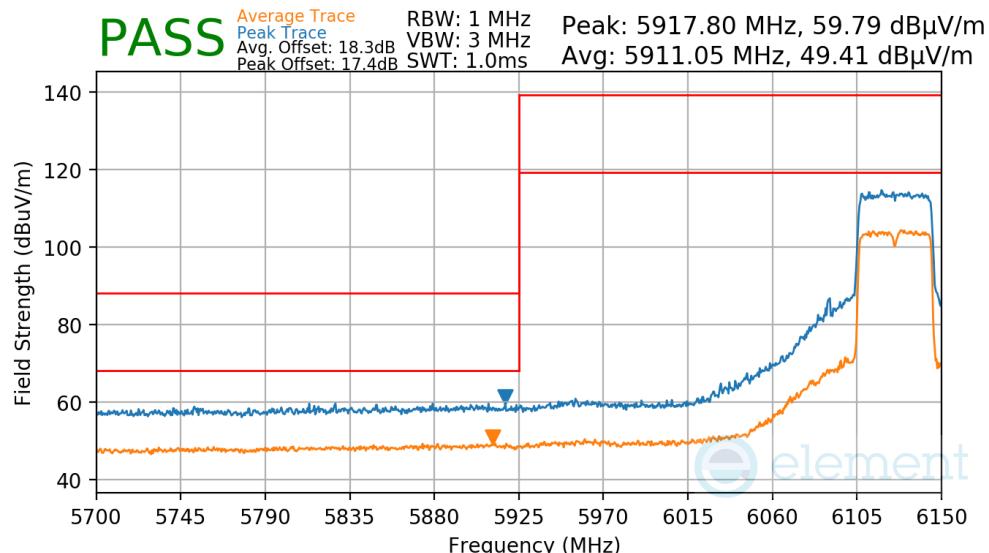


Plot 7-182 Antenna 3c Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 103 of 134

#### 7.8.4 Antenna 3c Radiated Band Edge Measurements (40MHz BW)

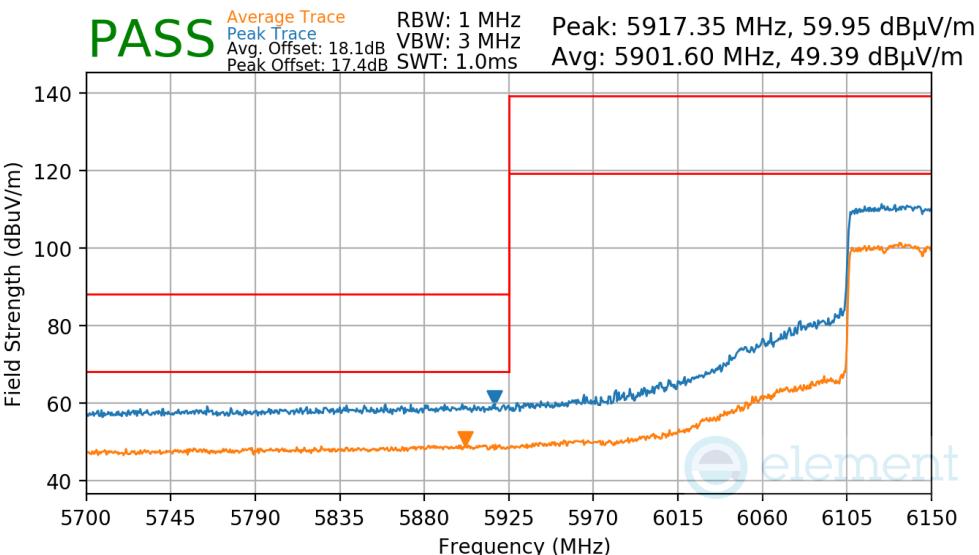
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6125MHz
Channel	35



FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 104 of 134

### 7.8.5 Antenna 3c Radiated Band Edge Measurements (80MHz BW)

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

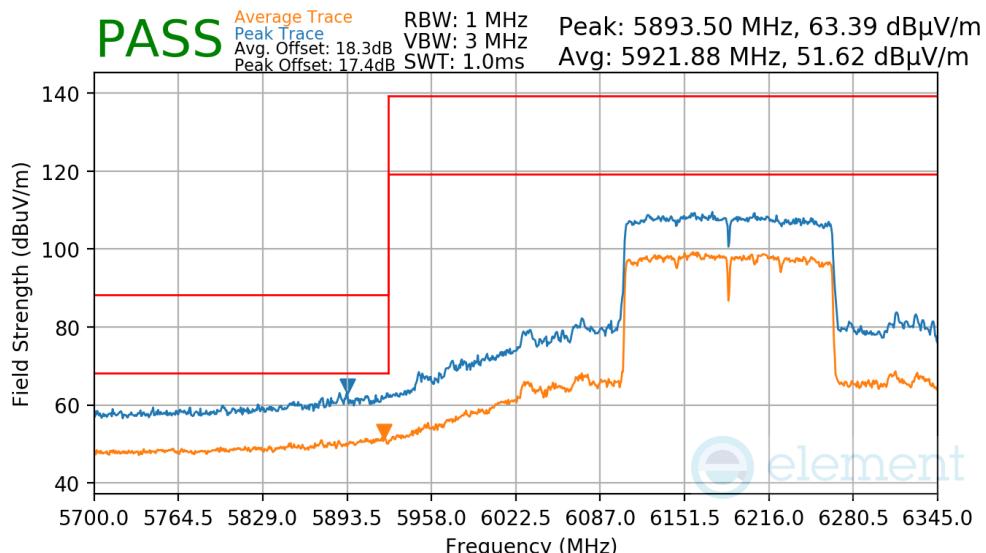


Plot 7-184 Antenna 3c Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 105 of 134

### 7.8.6 Antenna 3c Radiated Band Edge Measurements (160MHz BW)

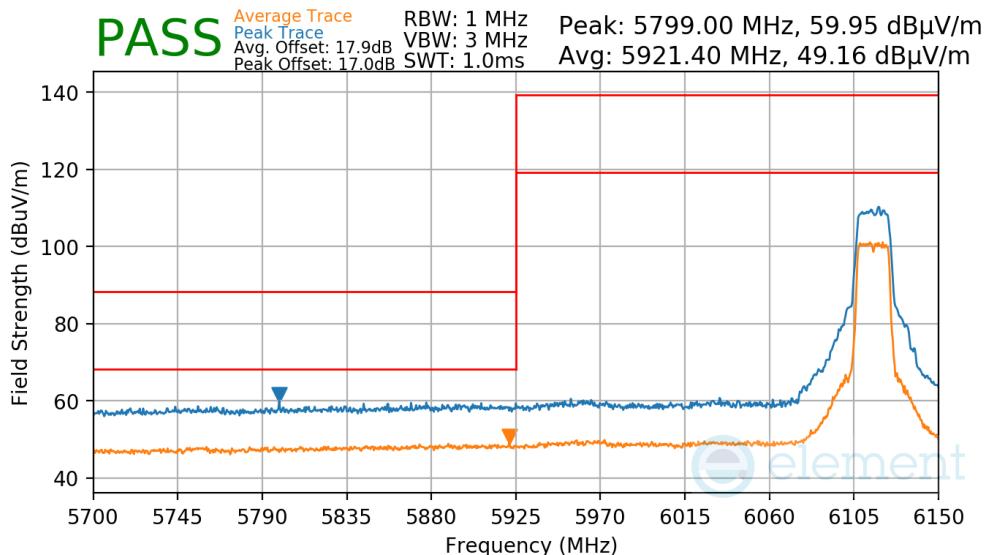
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 106 of 134

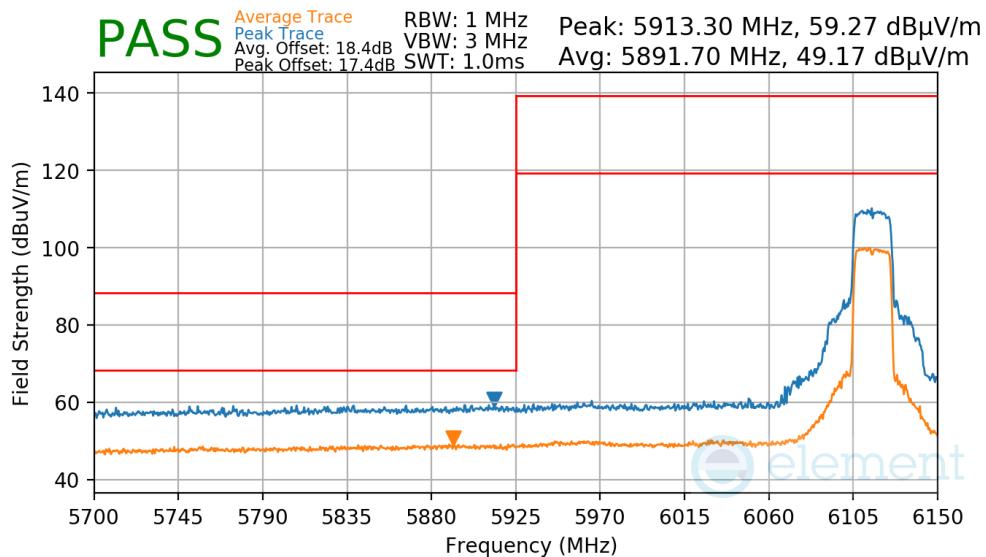
### 7.8.7 Antenna 3a Radiated Band Edge Measurements (20MHz BW)

Mode	802.11a
Data Rate	MCS54
Distance of Measurement	3 Meters
Operating Frequency	6115MHz
Channel	33



Plot 7-186 Antenna 3a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

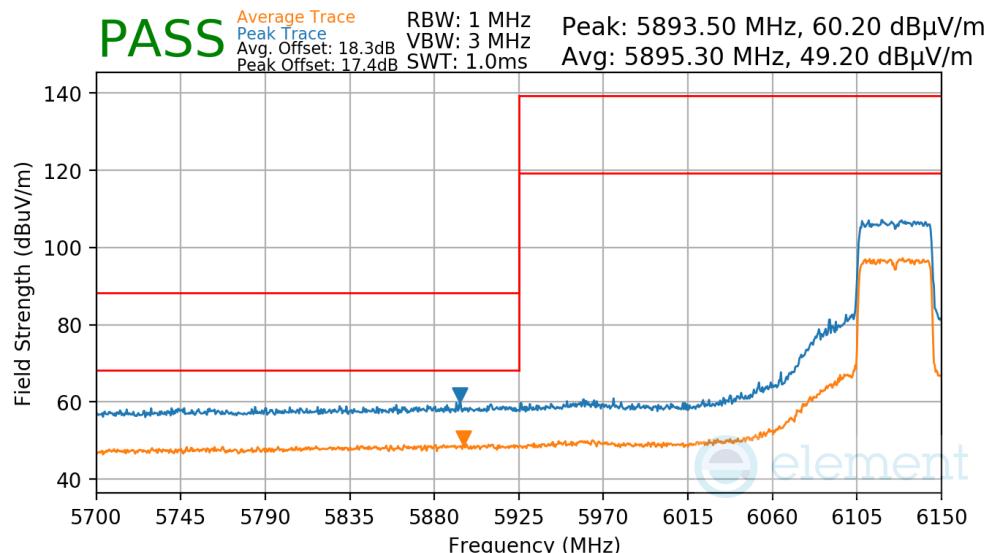


Plot 7-187 Antenna 3a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 107 of 134

### 7.8.8 Antenna 3a Radiated Band Edge Measurements (40MHz BW)

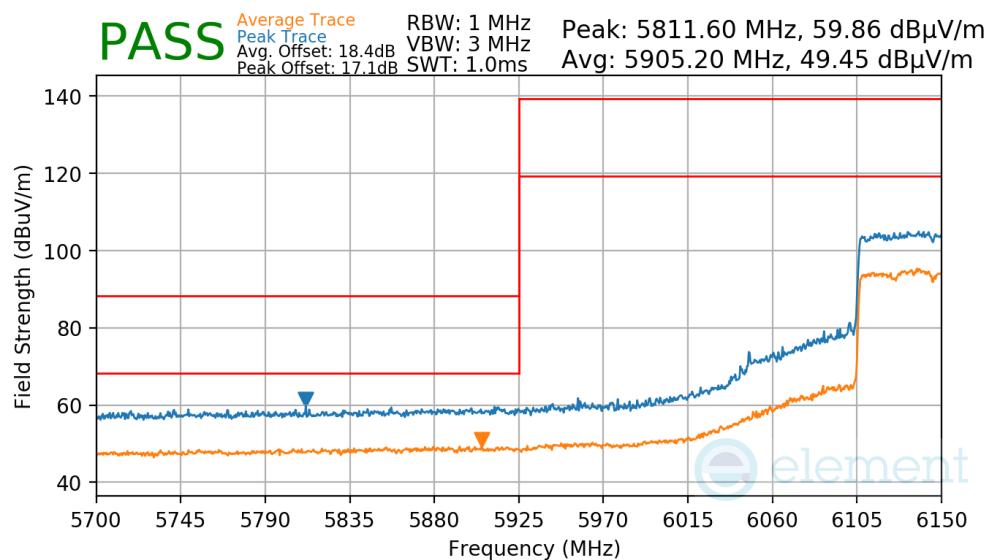
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6125MHz
Channel	35



FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 108 of 134

### 7.8.9 Antenna 3a Radiated Band Edge Measurements (80MHz BW)

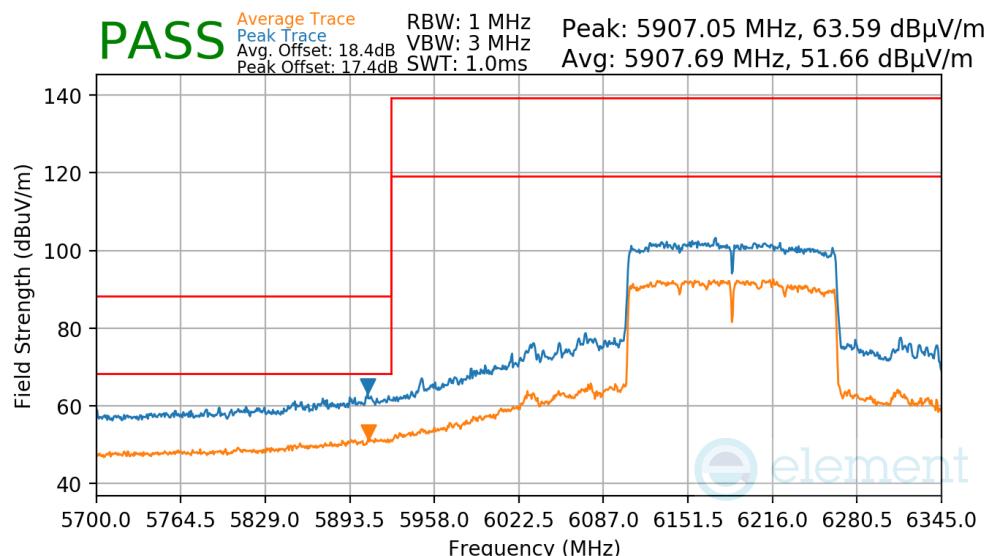
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6145MHz
Channel	39



FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 109 of 134

### 7.8.10 Antenna 3a Radiated Band Edge Measurements (160MHz BW)

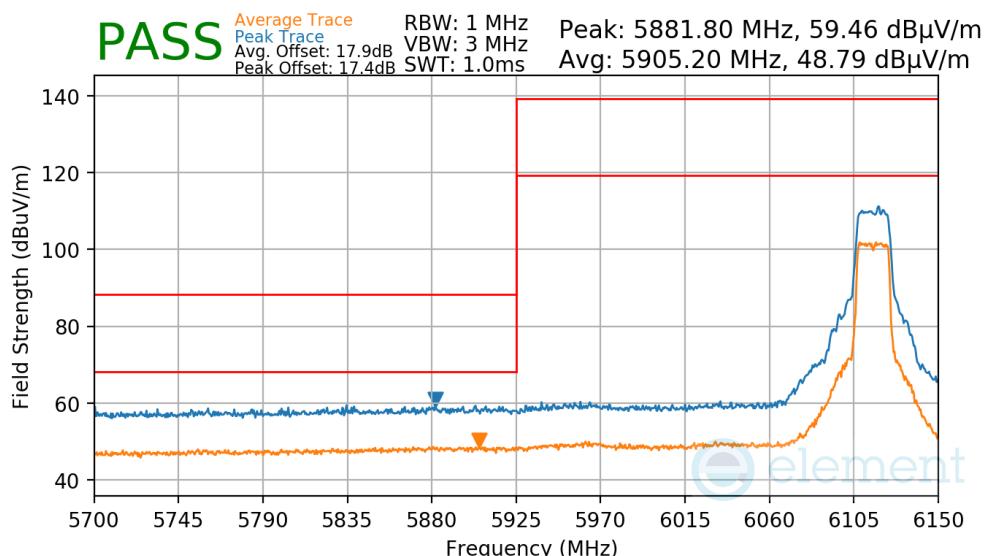
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 110 of 134

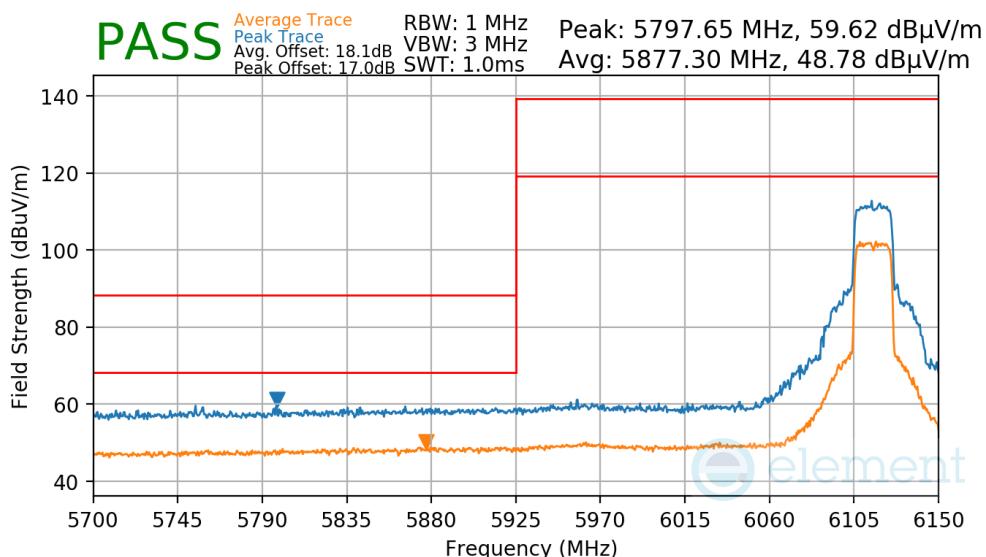
### 7.8.11 Antenna 1b Radiated Band Edge Measurements (20MHz BW)

**Mode** 802.11a  
**Data Rate** MCS54  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6115MHz  
**Channel** 33



Plot 7-191 Antenna 1b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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



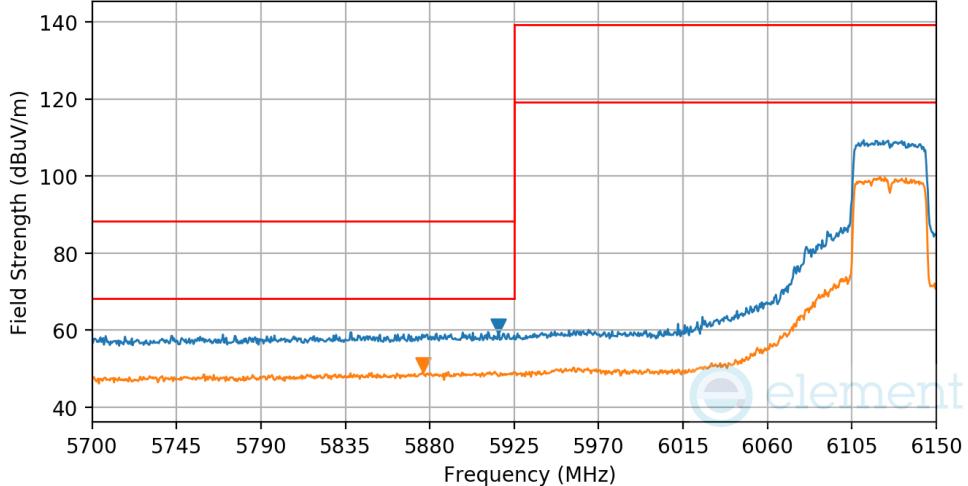
Plot 7-192 Antenna 1b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Approved by: Technical Manager

### 7.8.12 Antenna 1b Radiated Band Edge Measurements (40MHz BW)

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

**PASS**      Average Trace      RBW: 1 MHz      Peak: 5916.45 MHz, 59.55 dB $\mu$ V/m  
 Peak Trace      VBW: 3 MHz      Avg: 5876.40 MHz, 49.47 dB $\mu$ V/m  
 Avg. Offset: 18.4dB      SWT: 1.0ms      Peak Offset: 17.4dB



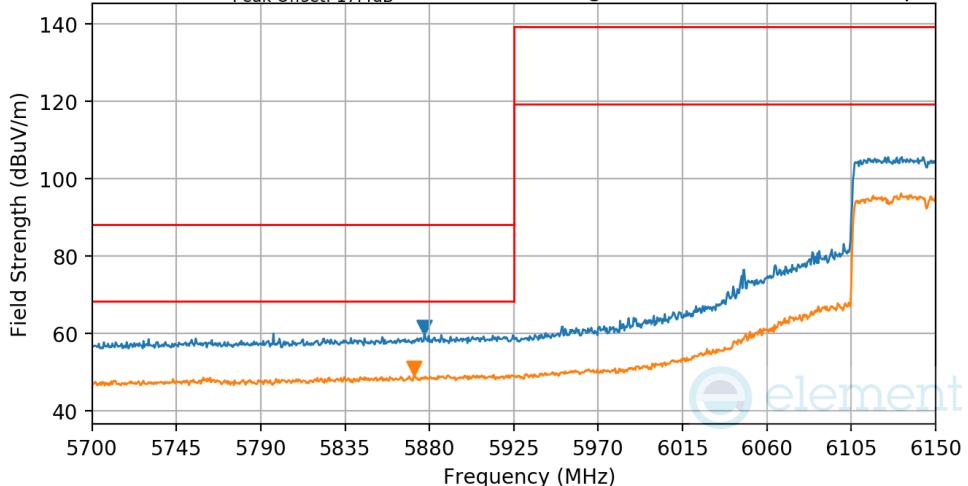
Plot 7-193 Antenna 1b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 112 of 134

### 7.8.13 Antenna 1b Radiated Band Edge Measurements (80MHz BW)

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

**PASS**      Average Trace      RBW: 1 MHz      Peak: 5877.30 MHz, 60.10 dB $\mu$ V/m  
 Peak Trace      VBW: 3 MHz      Avg: 5871.90 MHz, 49.38 dB $\mu$ V/m  
 Avg. Offset: 18.2dB      SWT: 1.0ms      Peak Offset: 17.4dB

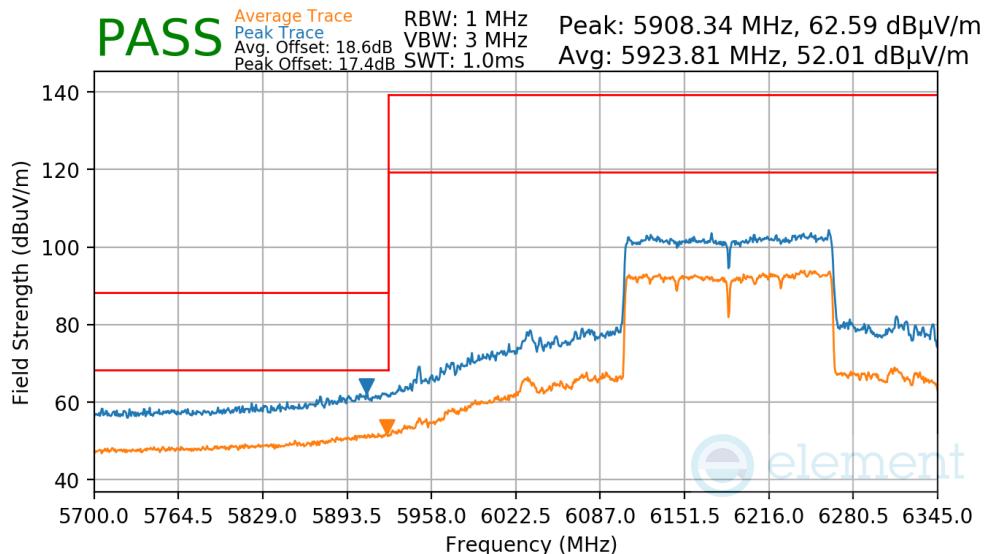


Plot 7-194 Antenna 1b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 113 of 134

### 7.8.14 Antenna 1b Radiated Band Edge Measurements (160MHz BW)

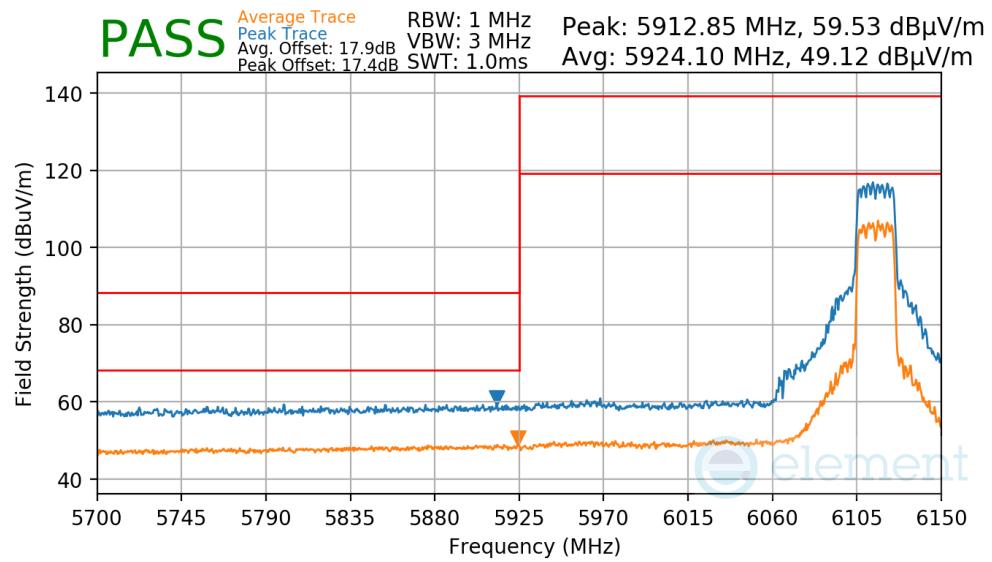
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 114 of 134

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

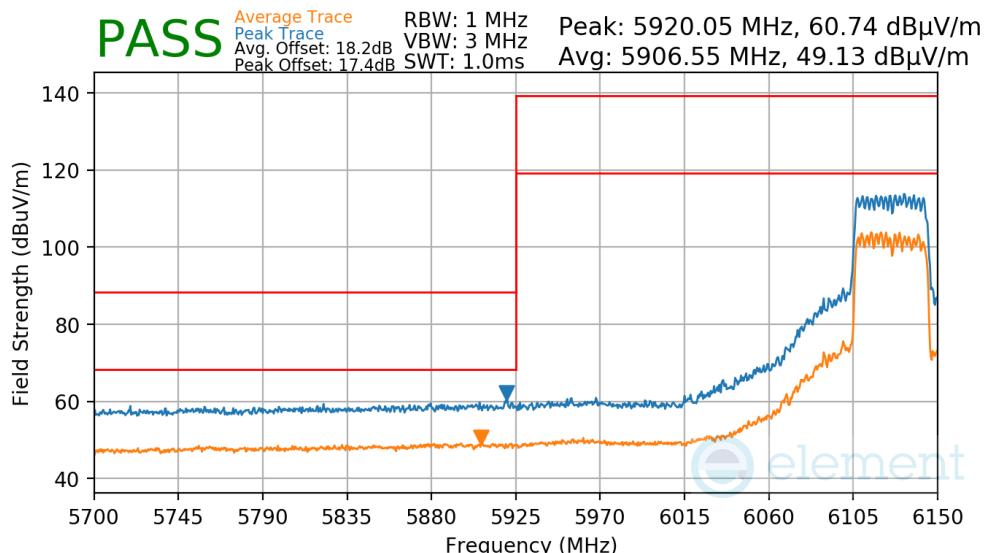
**Mode** 802.11ax-SU  
**Data Rate** MCS11  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6115MHz  
**Channel** 33



FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 115 of 134

### 7.8.16 SDM Primary Radiated Band Edge Measurements (40MHz BW)

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

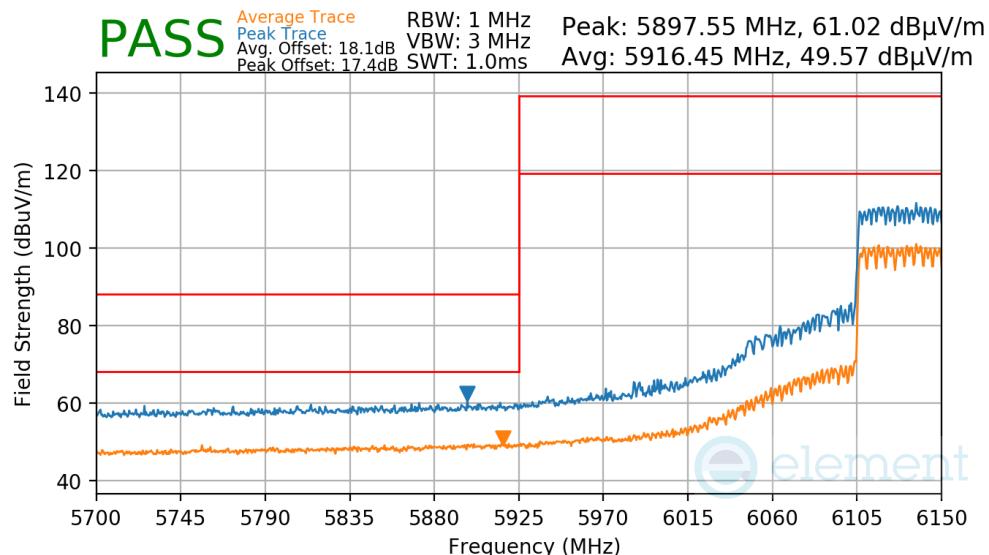


Plot 7-197 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 116 of 134

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

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

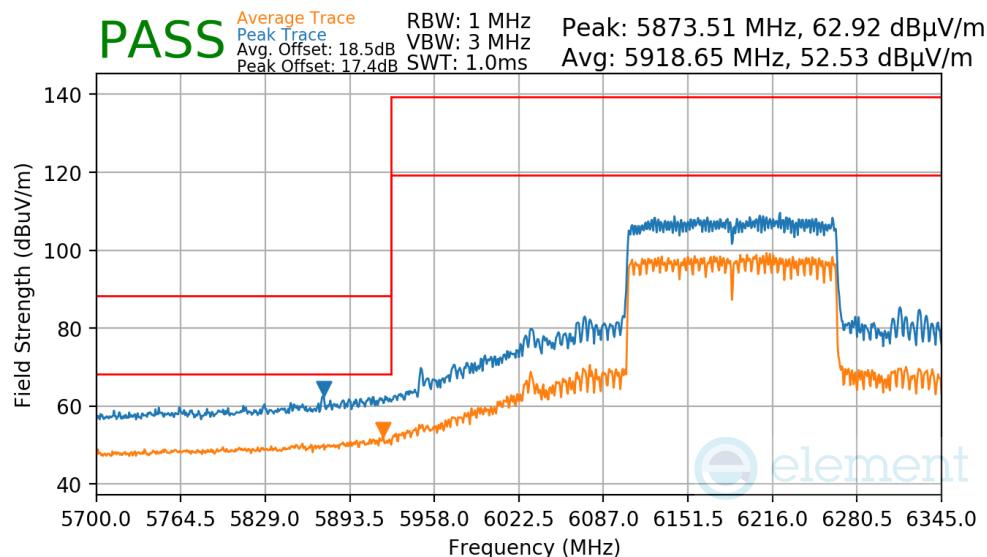


Plot 7-198 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 117 of 134

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

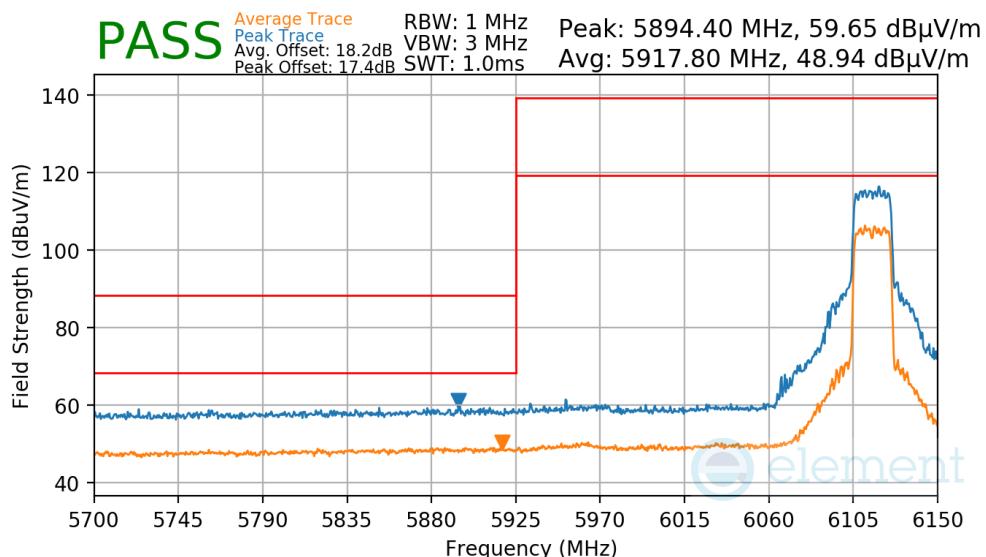
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 118 of 134

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

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

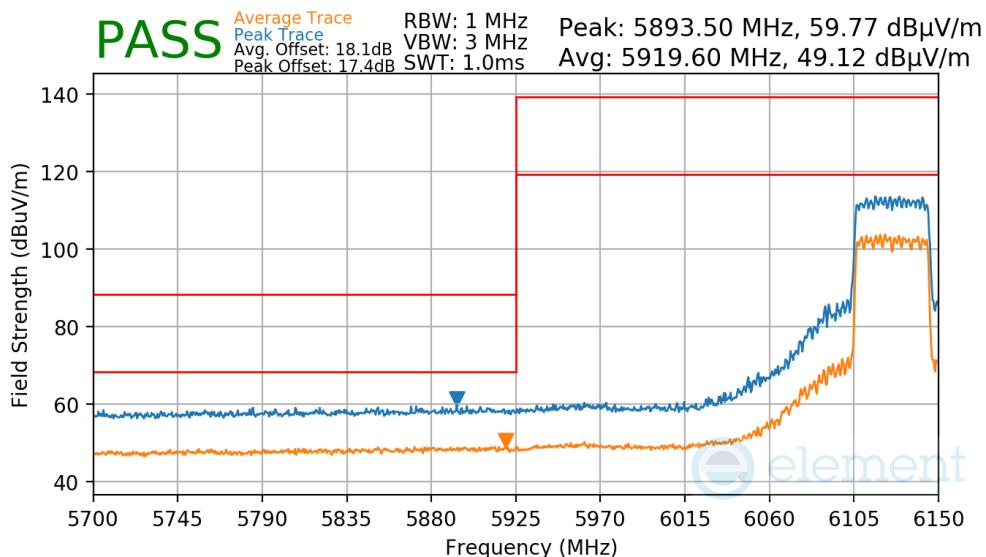


Plot 7-200 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 119 of 134

## 7.8.20 SDM Diversity Radiated Band Edge Measurements (40MHz BW)

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

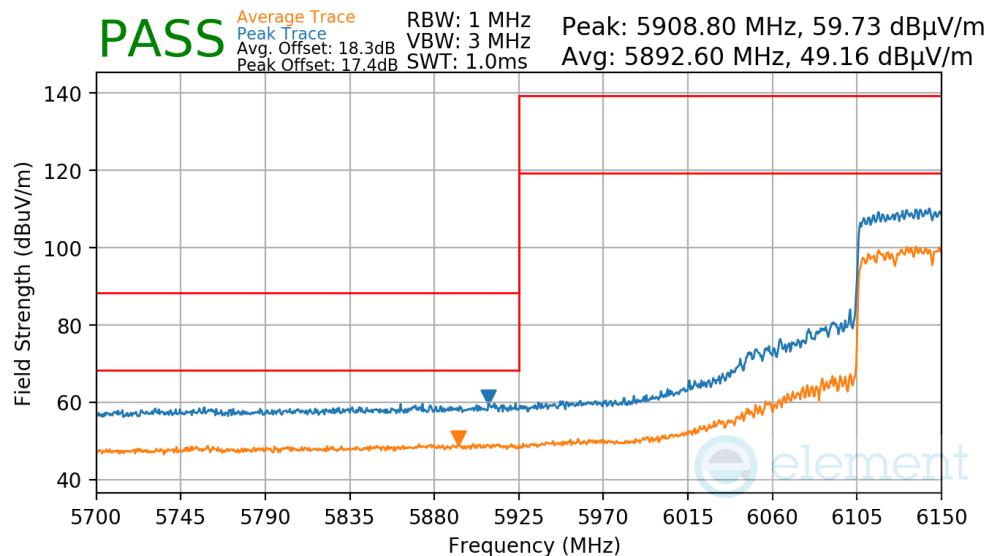


Plot 7-201 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 120 of 134

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

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

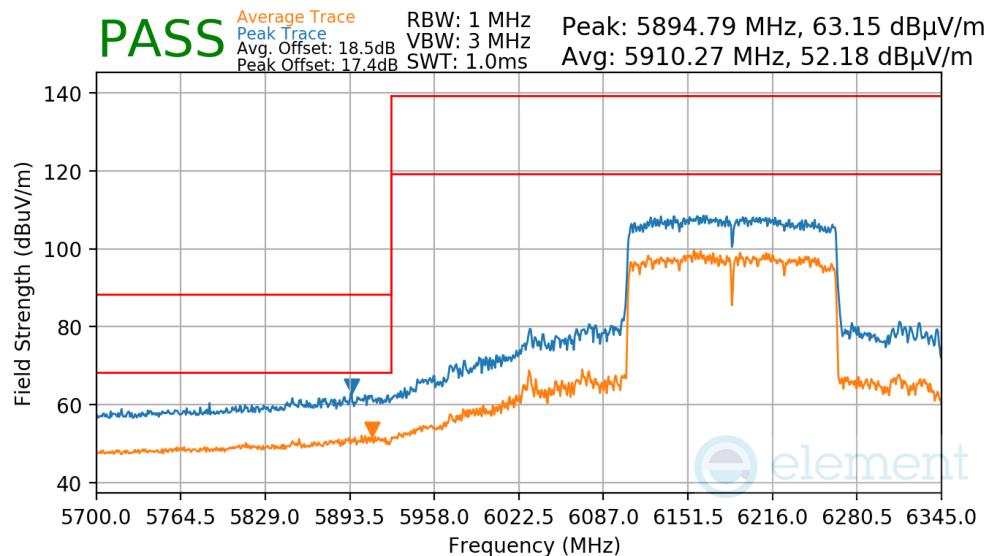


Plot 7-202 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 121 of 134

## 7.8.22 SDM Diversity Radiated Band Edge Measurements (80MHz BW)

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



Plot 7-203 SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 122 of 134

## 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 7-53 per Section 15.209 and RSS-Gen (8.9).***

Frequency	Field Strength [ $\mu$ 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 7-53. 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

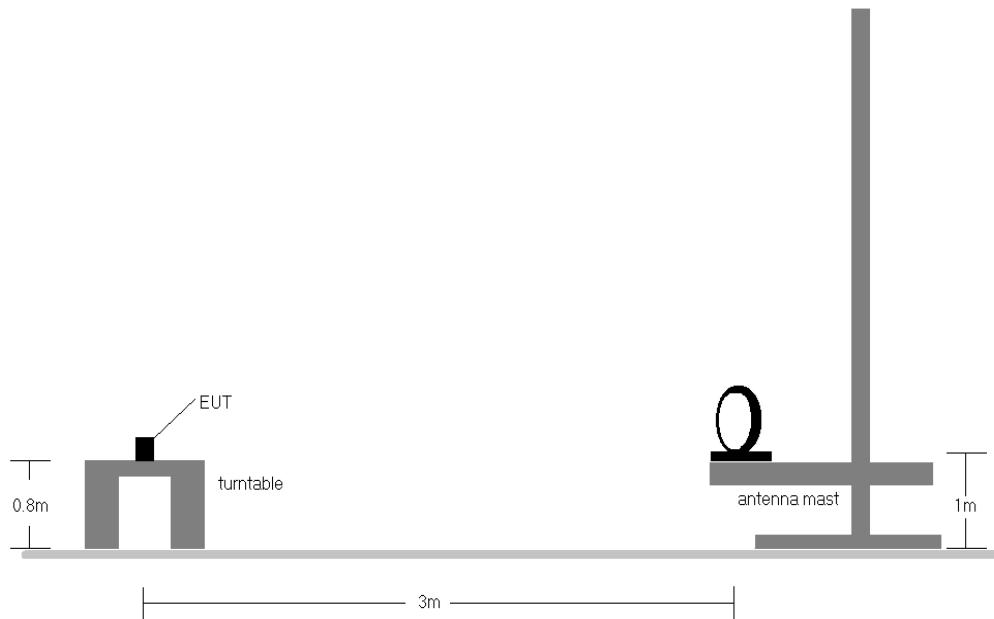
#### Peak Field Strength Measurements

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

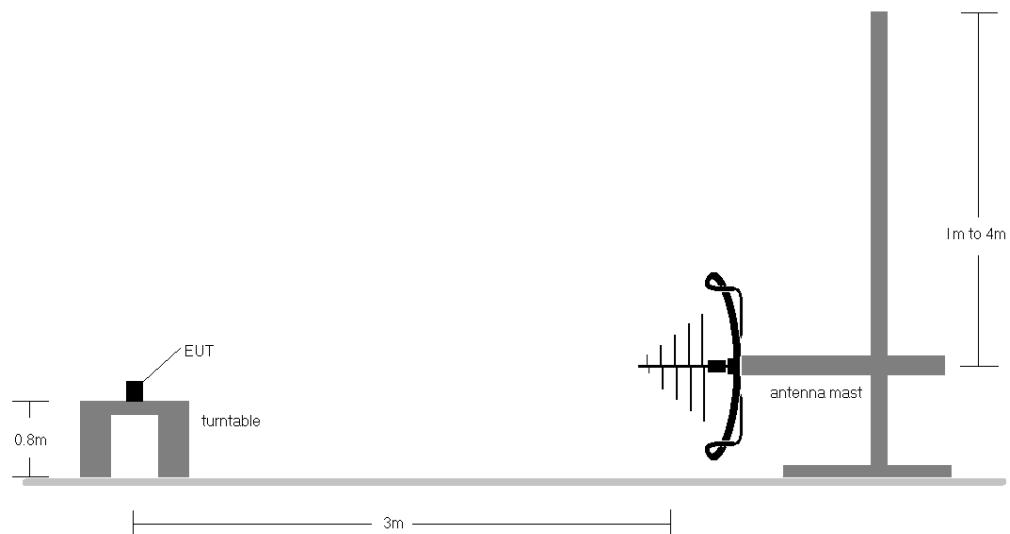
FCC ID: BCGA3267 IC: 579C-A3267	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device		Page 123 of 134

## 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: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 124 of 134

## 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 7-53.
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.

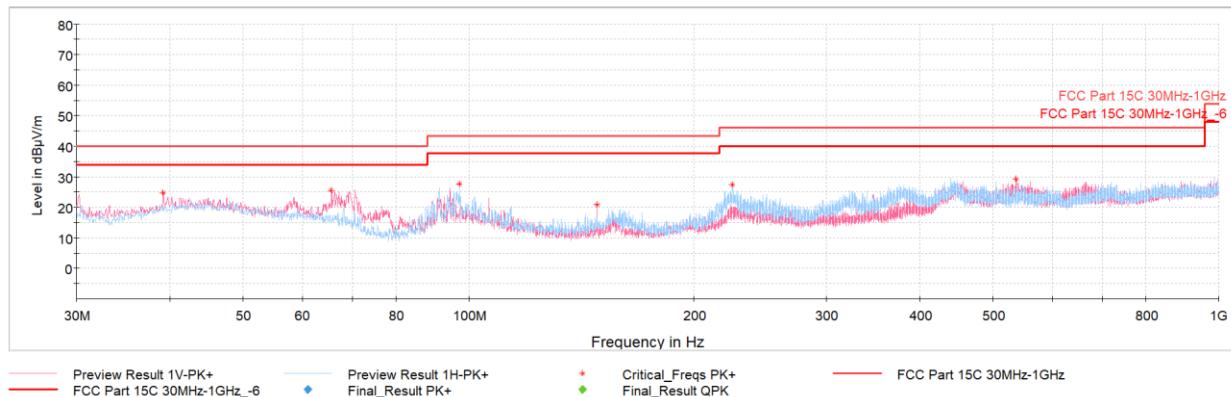
## Sample Calculations

### Determining Spurious Emissions Levels

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

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 125 of 134

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



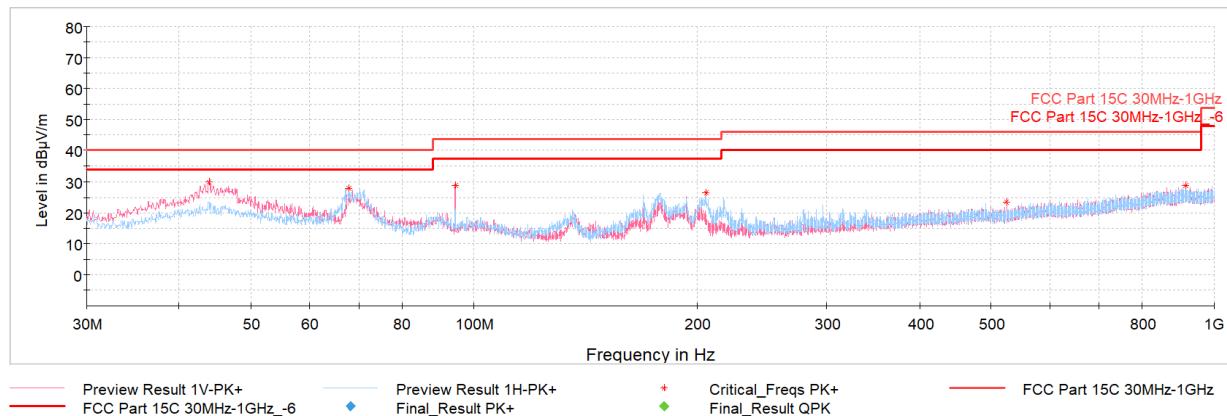
**Plot 7-204. Radiated Spurious Emissions below 1GHz SDM Primary, 802.11ax, Ch.33 with host PC via USB-C cable with wire charger**

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]
39.17	Max-Peak	V	100	234	-75.67	-16.10	15.23	40.00	-24.77
65.65	Max-Peak	V	100	265	-75.09	-17.52	14.39	40.00	-25.61
97.17	Max-Peak	H	200	267	-74.17	-16.88	15.95	43.52	-27.57
148.29	Max-Peak	V	100	121	-64.45	-19.78	22.77	43.52	-20.75
225.02	Max-Peak	H	100	234	-72.82	-15.45	18.73	46.02	-27.29
536.39	Max-Peak	V	100	217	-82.03	-8.16	16.81	46.02	-29.21

**Table 7-54. Radiated Spurious Emissions Measurement below 1GHz SDM Primary, 802.11ax, Ch.33 with host PC via USB-C cable with wire charger**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>element</b> <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 126 of 134	

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



**Plot 7-205. Radiated Spurious Emissions below 1GHz SDM Diversity, 802.11ax, Ch.33 with host PC via USB-C cable with wire charger**

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]
43.92	Max-Peak	V	100	261	-62.38	-14.75	29.87	40.00	-10.13
67.78	Max-Peak	H	300	292	-60.80	-18.33	27.87	40.00	-12.13
94.51	Max-Peak	V	100	202	-60.92	-17.47	28.61	43.52	-14.91
205.96	Max-Peak	H	100	325	-64.30	-16.47	26.23	43.52	-17.29
524.70	Max-Peak	V	300	114	-75.06	-8.50	23.44	46.02	-22.58
915.56	Max-Peak	V	300	184	-76.94	-1.42	28.64	46.02	-17.38

**Table 7-55. Radiated Spurious Emissions Measurement below 1GHz SDM Diversity, 802.11ax, Ch.33 with host PC via USB-C cable with wire charger**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>element</b> <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 127 of 134	

## 7.10 AC Line 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 $\mu$ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

**Table 7-56. 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

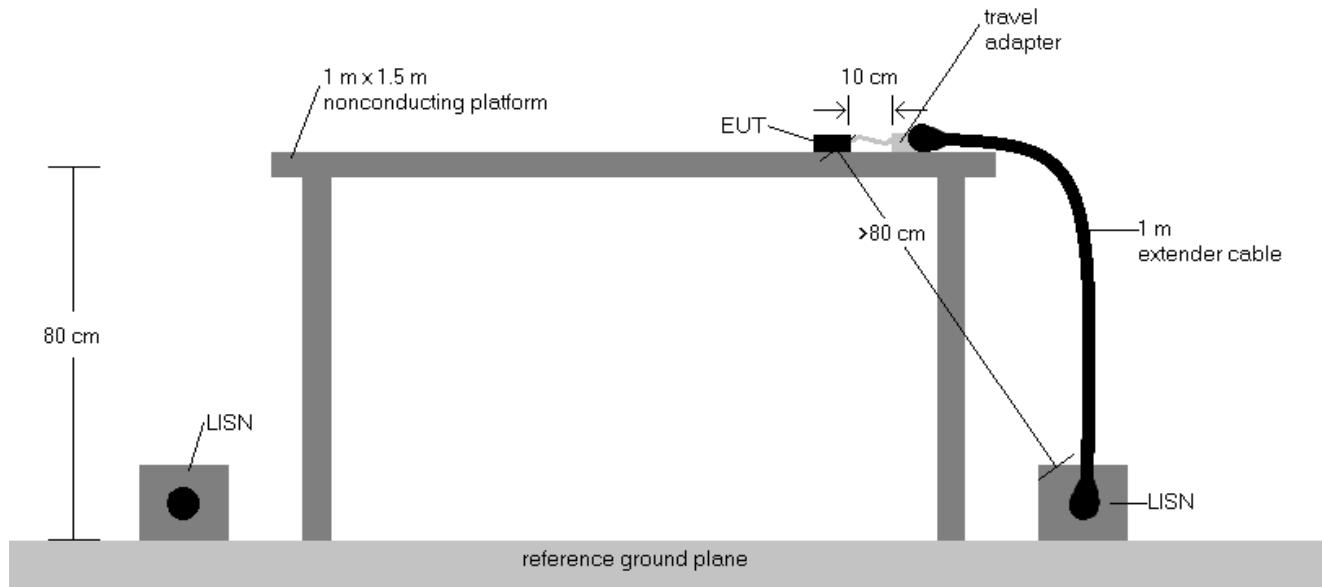
#### Average Measurements

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: BCGA3267 IC: 579C-A3267	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## Test Setup

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

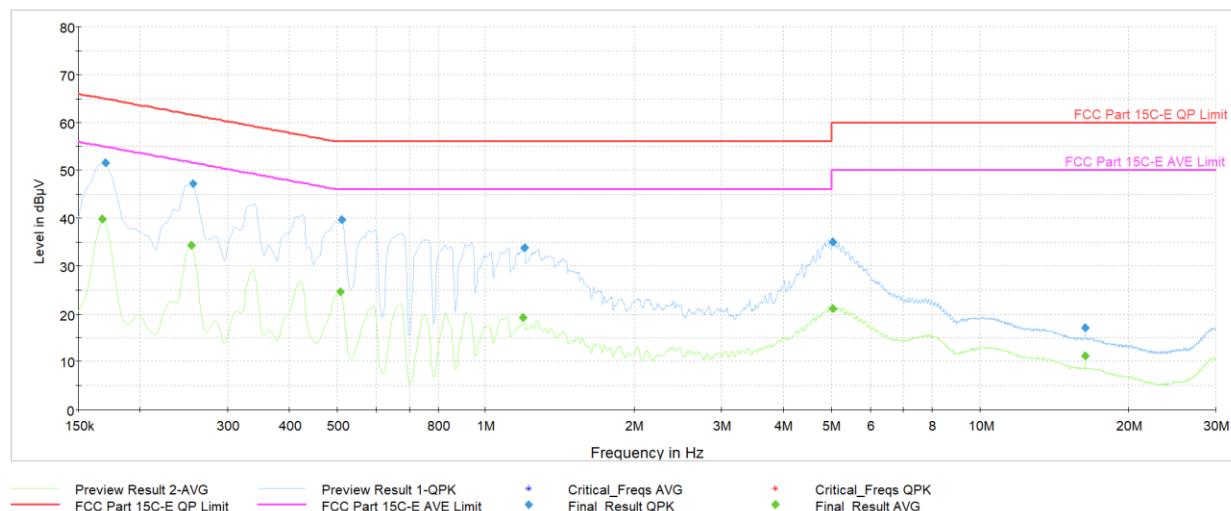


**Figure 7-10. Test Instrument & Measurement Setup**

## 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. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
5. QP/AV Level (dB $\mu$ V) = QP/AV Analyzer/Receiver Level (dB $\mu$ V) + Correction Factor (dB)
6. Margin (dB) = QP/AV Level (dB $\mu$ V) - QP/AV Limit (dB $\mu$ 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: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 129 of 134

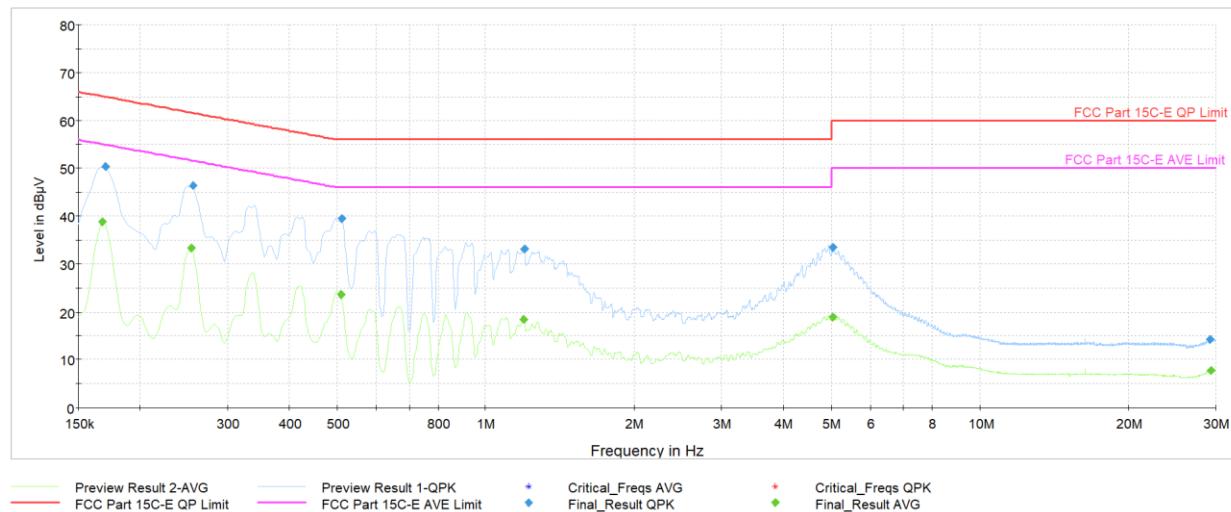


**Plot 7-206. AC Line Conducted Plot with 802.11ax SDM Primary – Ch.33 (L1), with AC/DC Adapter via USB-C cable with wire charger**

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.168	FINAL	—	39.80	55.06	-15.26	L1	GND
0.170	FINAL	51.5	—	64.95	-13.45	L1	GND
0.254	FINAL	—	34.29	51.64	-17.35	L1	GND
0.256	FINAL	47.2	—	61.57	-14.35	L1	GND
0.508	FINAL	—	24.62	46.00	-21.38	L1	GND
0.512	FINAL	39.6	—	56.00	-16.40	L1	GND
1.192	FINAL	—	19.19	46.00	-26.81	L1	GND
1.199	FINAL	33.8	—	56.00	-22.19	L1	GND
5.033	FINAL	35.0	—	60.00	-25.01	L1	GND
5.037	FINAL	—	21.10	50.00	-28.90	L1	GND
16.346	FINAL	—	11.25	50.00	-38.75	L1	GND
16.348	FINAL	17.0	—	60.00	-43.00	L1	GND

**Table 7-57. AC Line Conducted Data with 802.11ax SDM Primary – Ch. 33 (L1) with AC/DC Adapter via USB-C cable with wire charger**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>element</b> <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
<b>Test Report S/N:</b> 1C2410210073-25.BCG	<b>Test Dates:</b> 10/25/2024 - 1/6/2025	<b>EUT Type:</b> Tablet Device	Page 130 of 134	

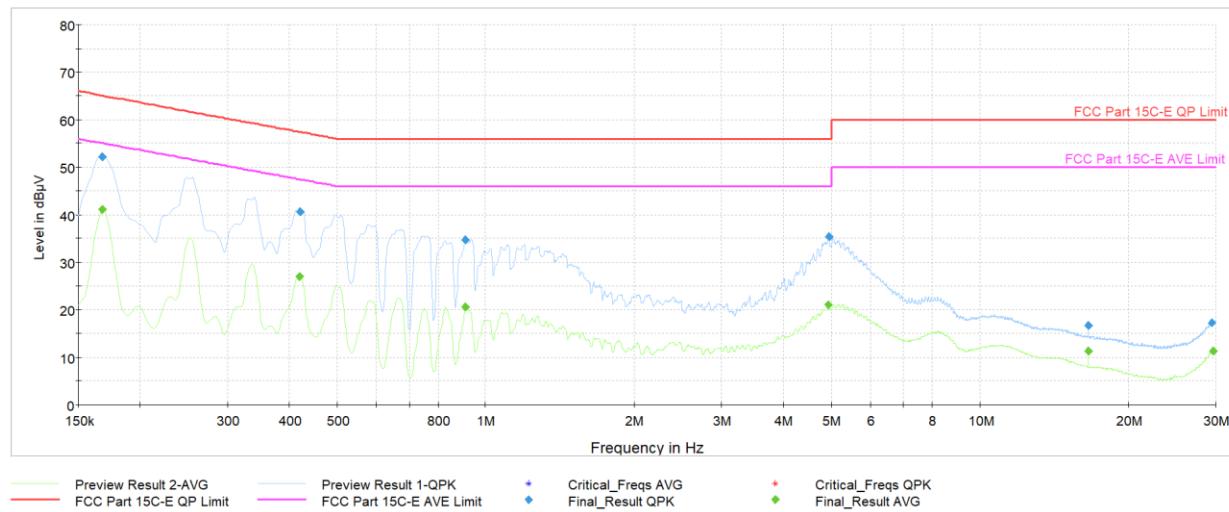


**Plot 7-207. AC Line Conducted Plot with 802.11ax SDM Primary – Ch. 33 (N), with host PC via USB-C cable with wire charger**

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.168	FINAL	—	38.82	55.06	-16.24	N	GND
0.170	FINAL	50.3	—	64.95	-14.62	N	GND
0.254	FINAL	—	33.38	51.64	-18.26	N	GND
0.256	FINAL	46.4	—	61.57	-15.20	N	GND
0.510	FINAL	—	23.56	46.00	-22.44	N	GND
0.512	FINAL	39.5	—	56.00	-16.49	N	GND
1.194	FINAL	—	18.44	46.00	-27.56	N	GND
1.199	FINAL	33.2	—	56.00	-22.80	N	GND
5.039	FINAL	33.4	—	60.00	-26.61	N	GND
5.039	FINAL	—	18.98	50.00	-31.02	N	GND
29.236	FINAL	14.2	—	60.00	-45.83	N	GND
29.308	FINAL	—	7.64	50.00	-42.36	N	GND

**Table 7-58. AC Line Conducted Data with 802.11ax SDM Primary – Ch. 33 (N), with host PC via USB-C cable with wire charger**

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 131 of 134

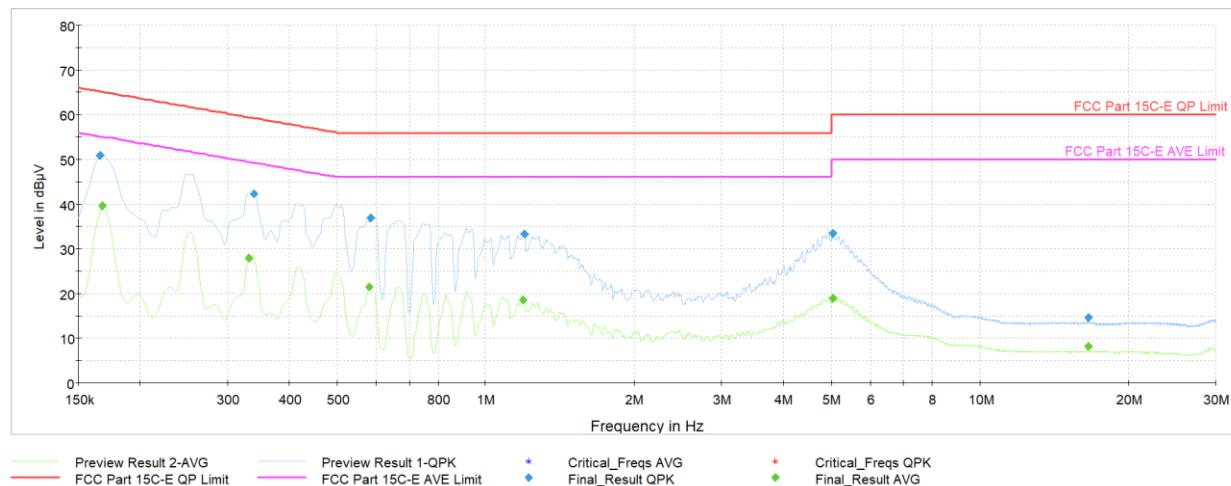


**Plot 7-208. AC Line Conducted Plot with 802.11ax SDM Diversity – Ch.33 (L1), with AC/DC Adapter via USB-C cable with wire charger**

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.168	FINAL	—	41.02	55.06	-14.04	L1	GND
0.168	FINAL	52.3	—	65.06	-12.78	L1	GND
0.420	FINAL	—	26.98	47.45	-20.47	L1	GND
0.422	FINAL	40.6	—	57.40	-16.78	L1	GND
0.911	FINAL	—	20.55	46.00	-25.45	L1	GND
0.911	FINAL	34.7	—	56.00	-21.26	L1	GND
4.934	FINAL	—	21.00	46.00	-25.00	L1	GND
4.943	FINAL	35.4	—	56.00	-20.63	L1	GND
16.562	FINAL	16.7	—	60.00	-43.26	L1	GND
16.562	FINAL	—	11.23	50.00	-38.77	L1	GND
29.443	FINAL	17.3	—	60.00	-42.74	L1	GND
29.663	FINAL	—	11.29	50.00	-38.71	L1	GND

**Table 7-59. AC Line Conducted Data with 802.11ax SDM Diversity – Ch. 33 (L1) with AC/DC Adapter via USB-C cable with wire charger**

FCC ID: BCGA3267 IC: 579C-A3267	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>			Approved by: Technical Manager
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**Plot 7-209. AC Line Conducted Plot with 802.11ax SDM Diversity – Ch. 33 (N), with AC/DC Adapter via USB-C cable with wire charger**

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.166	FINAL	50.9	—	65.17	-14.30	N	GND
0.168	FINAL	—	39.53	55.06	-15.53	N	GND
0.332	FINAL	—	27.89	49.40	-21.51	N	GND
0.339	FINAL	42.3	—	59.23	-16.95	N	GND
0.582	FINAL	—	21.41	46.00	-24.59	N	GND
0.587	FINAL	36.9	—	56.00	-19.11	N	GND
1.192	FINAL	—	18.52	46.00	-27.48	N	GND
1.199	FINAL	33.2	—	56.00	-22.81	N	GND
5.046	FINAL	33.5	—	60.00	-26.51	N	GND
5.048	FINAL	—	18.96	50.00	-31.04	N	GND
16.568	FINAL	—	8.12	50.00	-41.88	N	GND
16.571	FINAL	14.6	—	60.00	-45.44	N	GND

**Table 7-60. AC Line Conducted Data with 802.11ax SDM Diversity – Ch. 33 (N), with AC/DC Adapter via USB-C cable with wire charger**

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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: BCGA3267** and **IC: 579C-A3267** 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: BCGA3267 IC: 579C-A3267	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-25.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device		Page 134 of 134