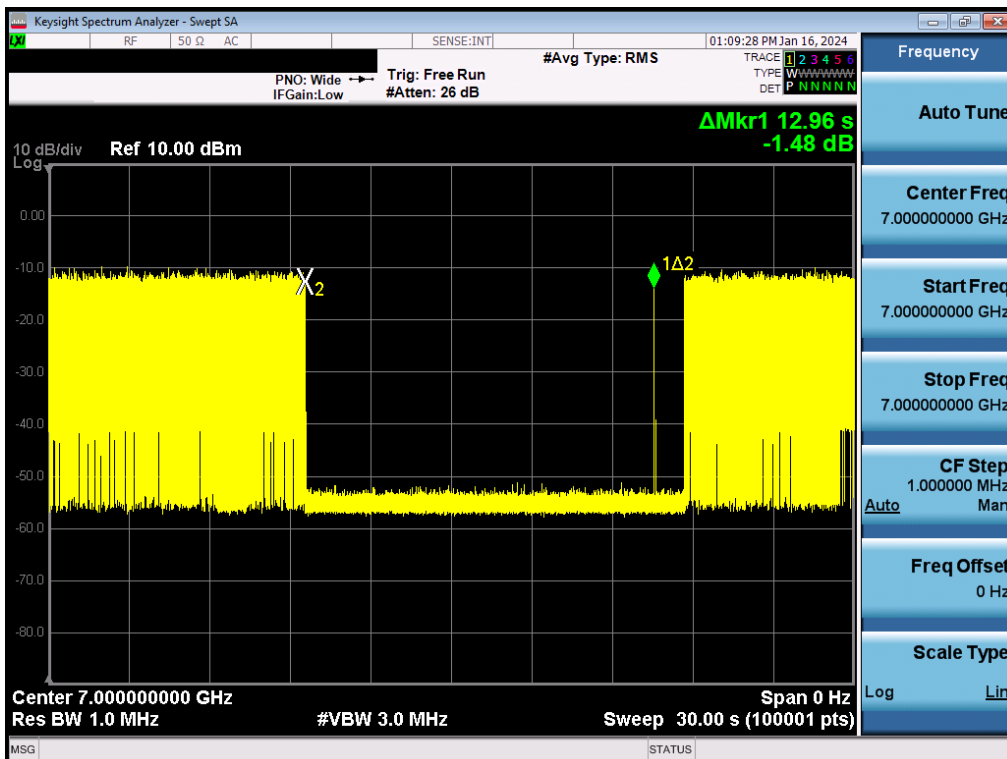
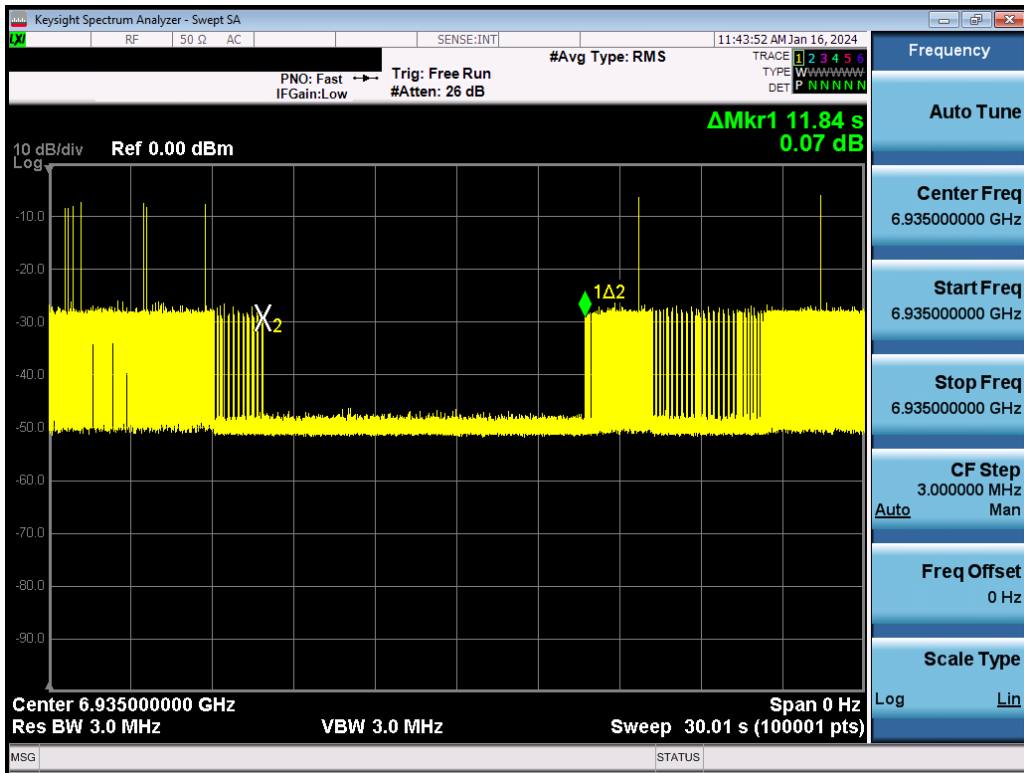


Plot 7-1205. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Channel 197

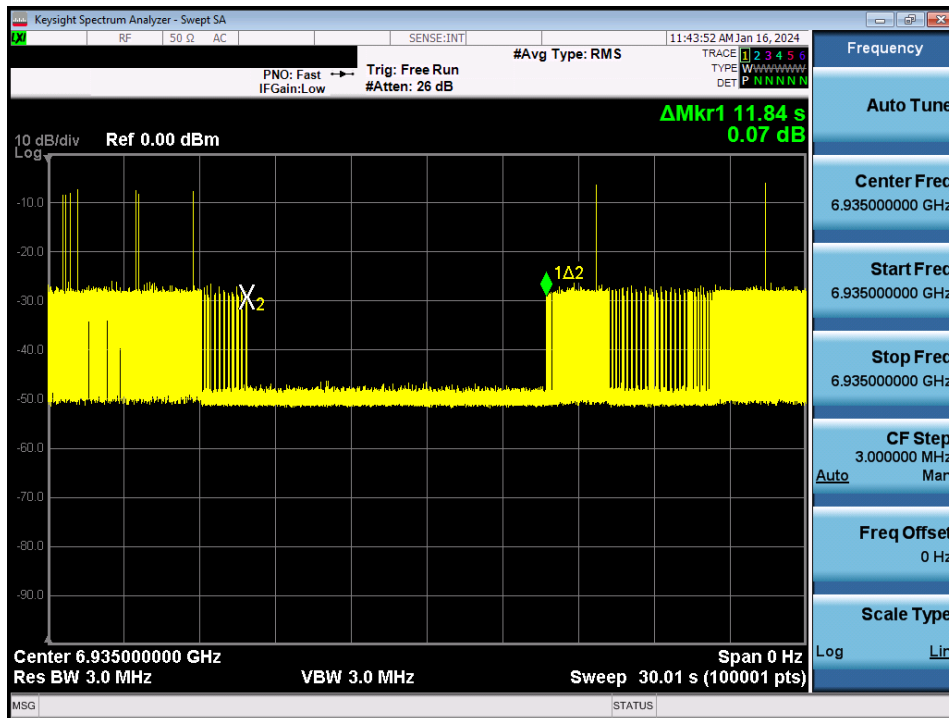


Plot 7-1206. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Low

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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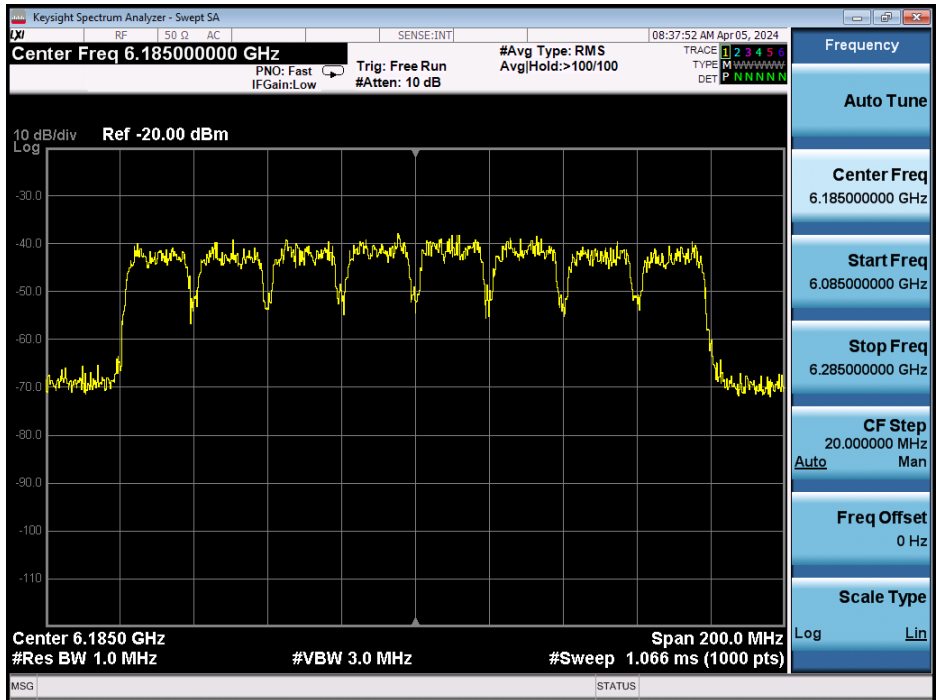
Plot 7-1207. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Mid



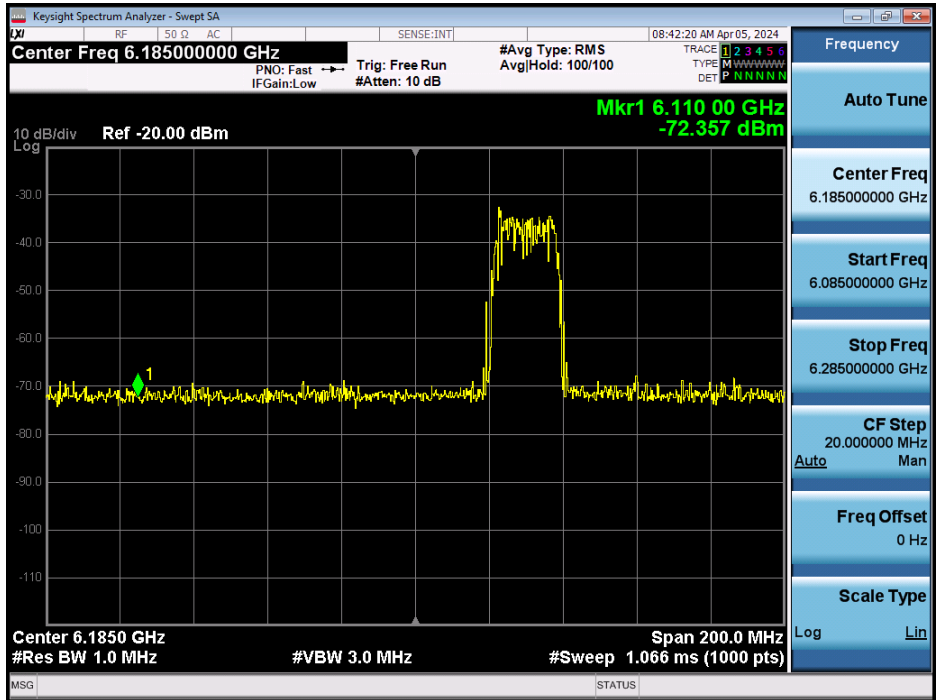
Plot 7-1208. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – High

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 364 of 567

CBP Bandwidth Reduction Plots

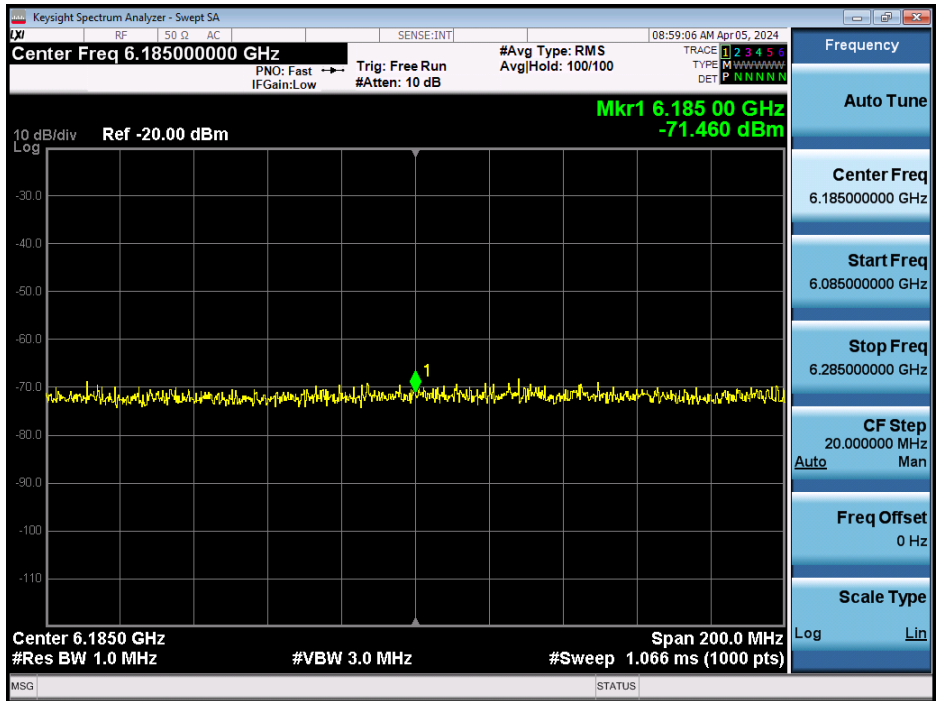


Plot 7-1209. 160MHz Bandwidth – Before AWGN Signal Injected – Channel 47

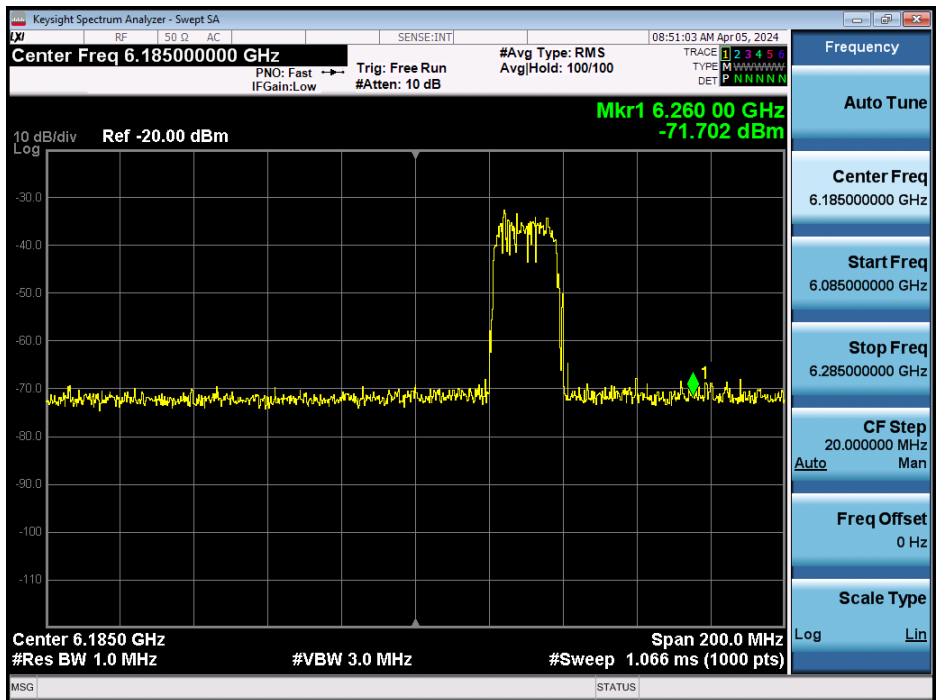


Plot 7-1210. 160MHz Bandwidth – AWGN Signal Injected at Low End – Channel 47

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 365 of 567



Plot 7-1211. 160MHz Bandwidth – AWGN Signal Injected at Center – Channel 47



Plot 7-1212. 160MHz Bandwidth – AWGN Signal Injected at High End – Channel 47

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 366 of 567

7.7 Radiated Spurious Emissions – Above 1GHz

§15.407(b) §15.205 §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 its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. All channels, modes (e.g. 802.11a, 802.11ax(SU) (20MHz BW), 802.11ax(SU) (40MHz BW), 802.11ax(SU) (80MHz), 802.11ax(SU) (160MHz) and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.925-7.125 GHz band: All emissions outside of the 5.925-7.125 GHz band shall not exceed an EIRP of –27 dBm/MHz. Emissions found in a restricted band are subject to the limits of 15.209 and RSS-Gen (8.9) as shown in the table below.

Frequency	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-164. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Sections 12.7.7.2, 12.7.6, 12.7.5
KDB 789033 D02 v02r01 – Section G

Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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V 10.5 12/15/2021

Test Setup

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

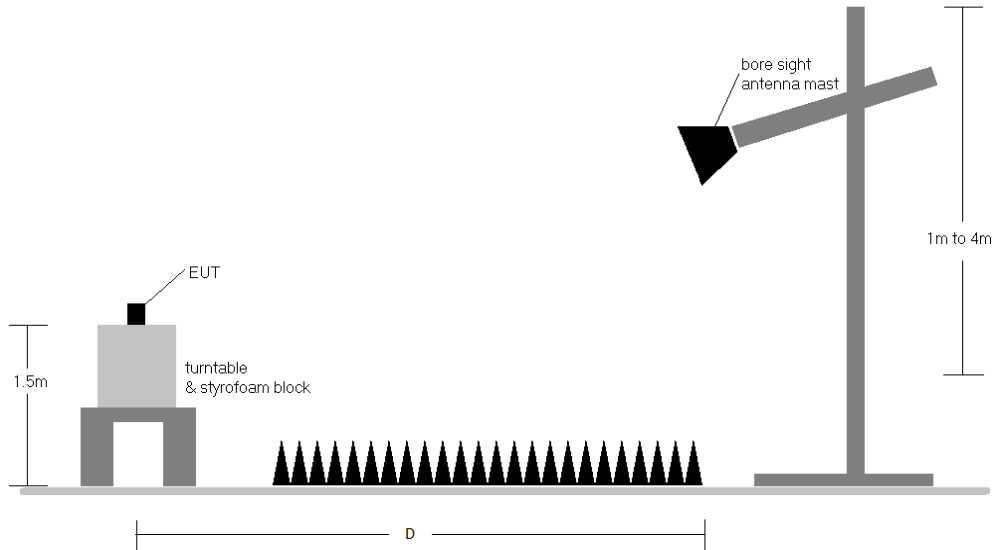


Figure 7-6. Test Instrument & Measurement Setup

FCC ID: BCGA2836 IC: 579C-A2836	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-164.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-164. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. All data rates were investigated and only the worse case is reported
9. The unit was tested with all possible modes and only the highest emission is reported.
10. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
11. All radiated measurements were tested at the highest supported power setting per band.

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level [dBµV/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB] – Preamplifier Gain [dB]
- Margin [dB] = Field Strength Level [dBµV/m] – Limit [dBµV/m]

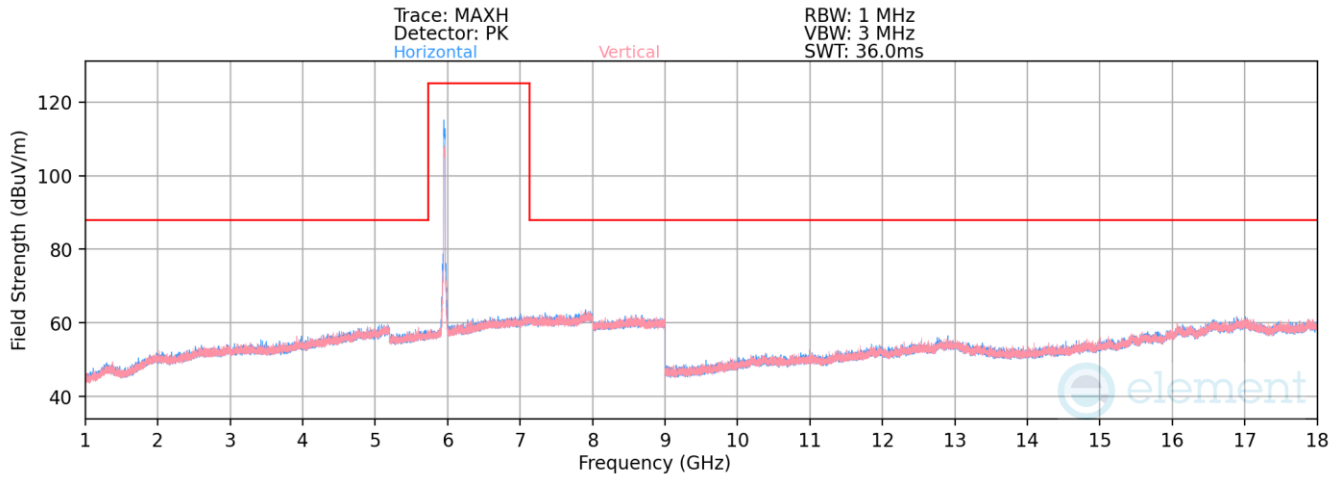
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots from Section 7.7.6 to Section 7.7.25 was calculated using the formula:

$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

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7.7.1 Antenna WF5B Radiated Spurious Emission



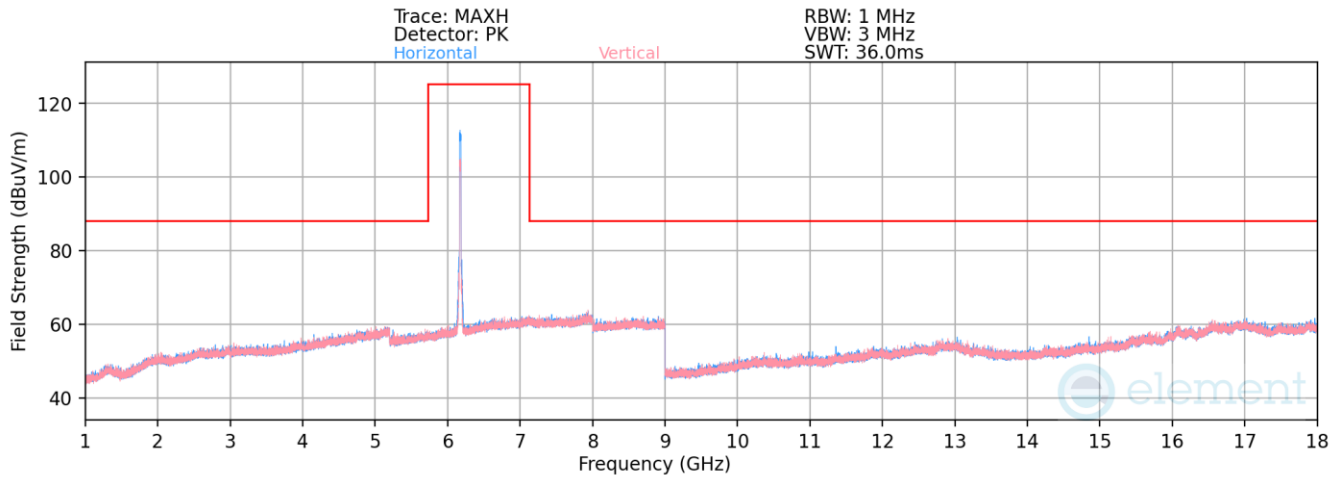
Plot 7-1213. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 1)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 5955MHz
 Channel: 1

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]
* 11910.00	Average	V	-	-	-85.41	20.12	41.70	53.98	-12.28
* 11910.00	Peak	V	-	-	-73.34	20.38	54.03	73.98	-19.95
* 17865.00	Average	H	-	-	-85.34	22.53	44.19	53.98	-9.79
* 17865.00	Peak	H	-	-	-75.21	22.63	54.42	73.98	-19.56

Table 7-165. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 370 of 567



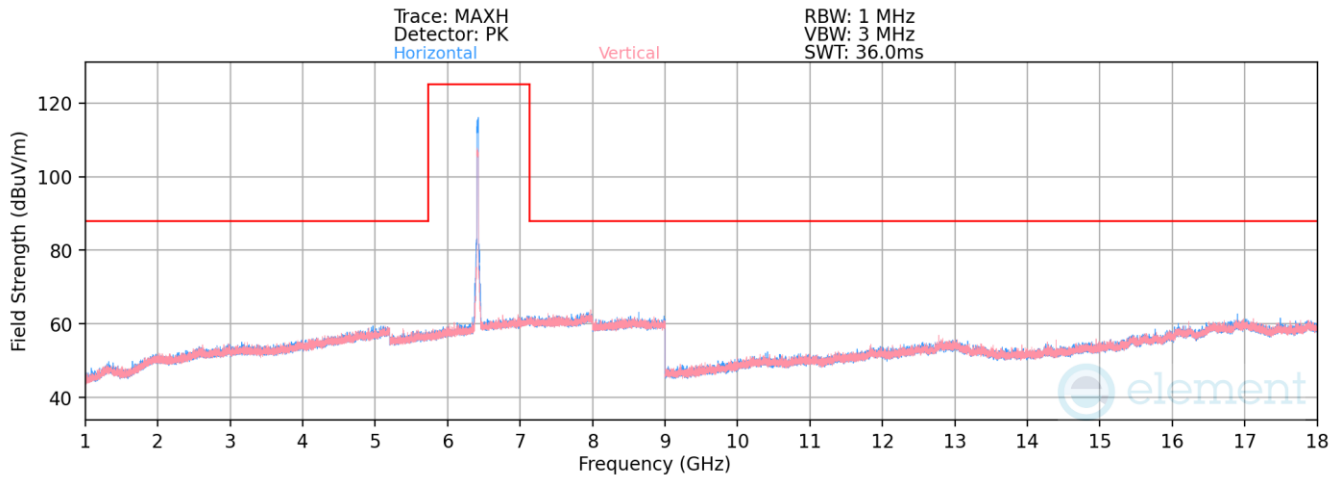
Plot 7-1214. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 45)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6175MHz
 Channel: 45

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]
* 12350.00	Average	H	-	-	-85.97	20.83	41.86	53.98	-12.12
* 12350.00	Peak	H	-	-	-74.46	20.73	53.27	73.98	-20.71

Table 7-166. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 371 of 567



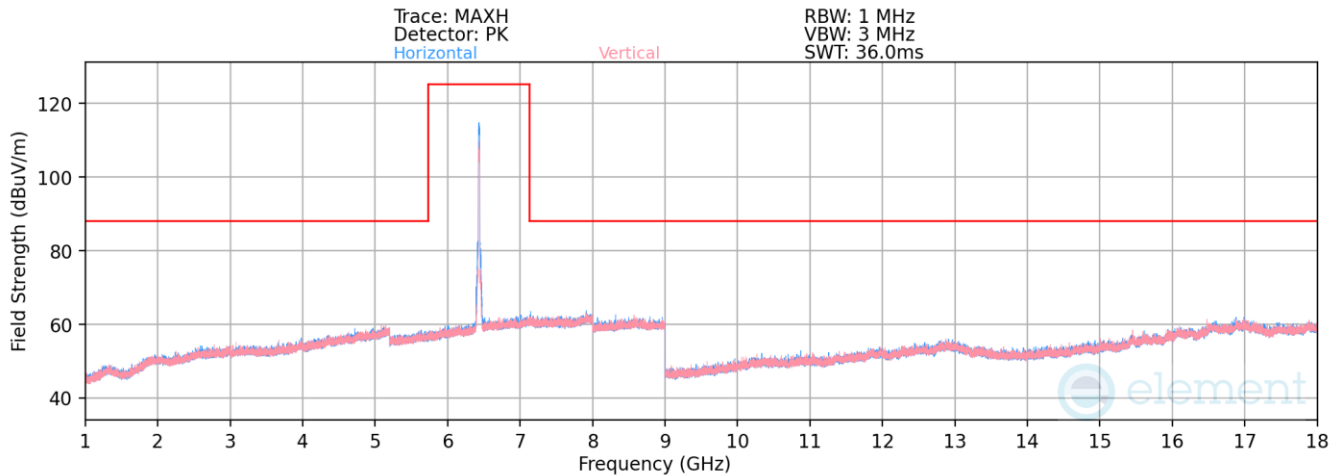
Plot 7-1215. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 93)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
12830.00	Average	V	-	-	-86.11	22.26	43.15	68.23	-25.08
12830.00	Peak	V	-	-	-74.34	22.26	54.92	88.23	-33.31

Table 7-167. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 372 of 567



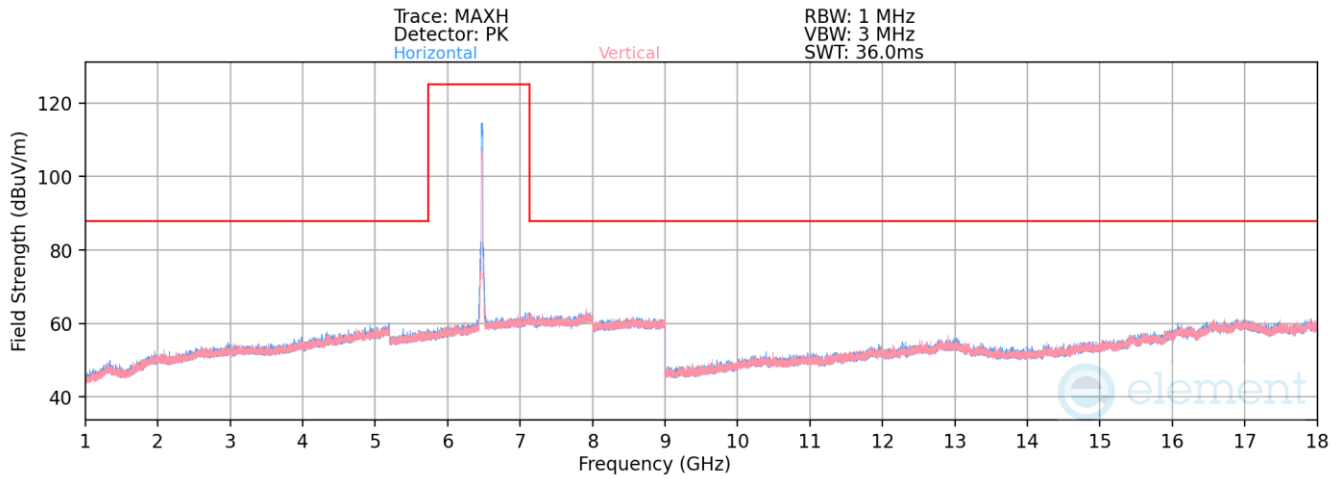
Plot 7-1216. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 97)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6435MHz
 Channel: 97

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]
12870.00	Average	H	-	-	-85.83	22.00	43.18	68.23	-25.05
12870.00	Peak	H	-	-	-74.05	22.00	54.95	88.23	-33.28

Table 7-168. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 373 of 567



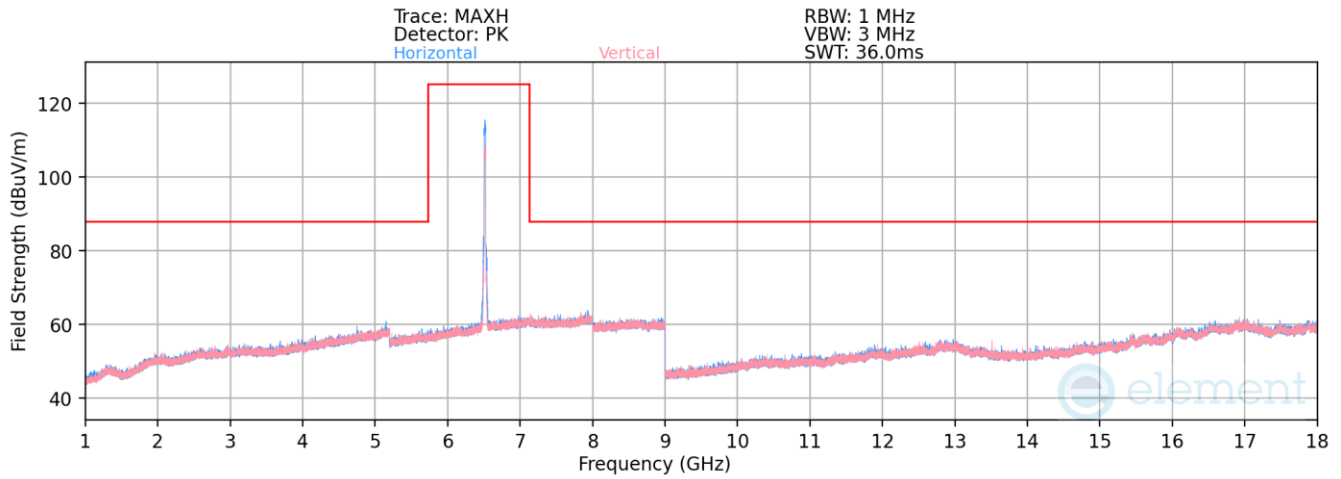
Plot 7-1217. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 105)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6475MHz
 Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
12950.00	Average	H	-	-	-85.75	22.07	43.32	68.23	-24.91
12950.00	Peak	H	-	-	-73.85	21.93	55.08	88.23	-33.15

Table 7-169. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 374 of 567



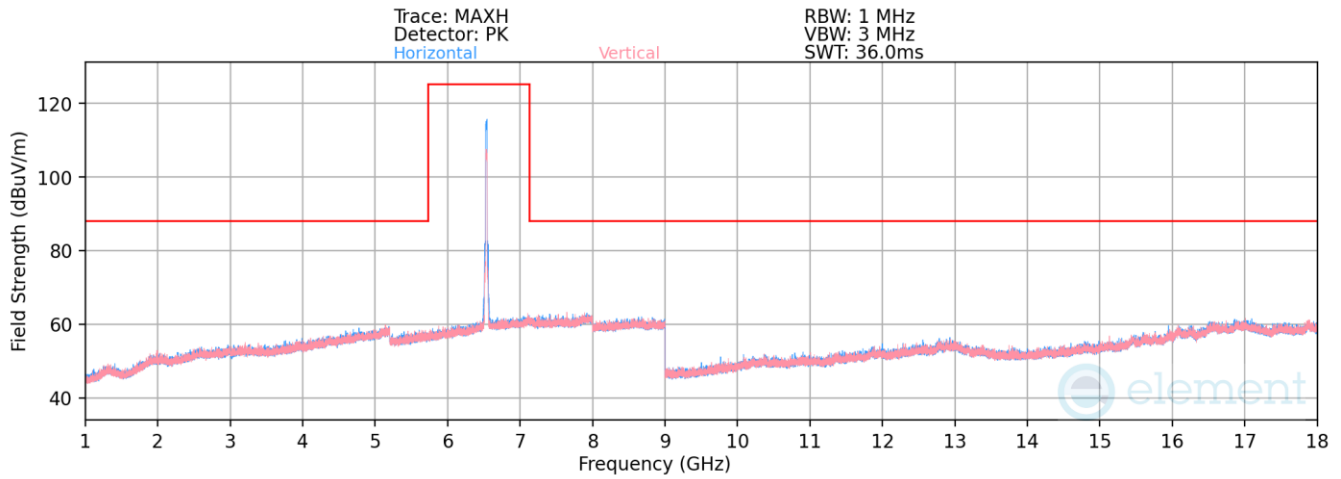
Plot 7-1218. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 113)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6515MHz
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
13030.00	Average	H	-	-	-85.93	22.37	43.44	68.23	-24.79
13030.00	Peak	H	-	-	-73.86	22.37	55.51	88.23	-32.72

Table 7-170. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 375 of 567



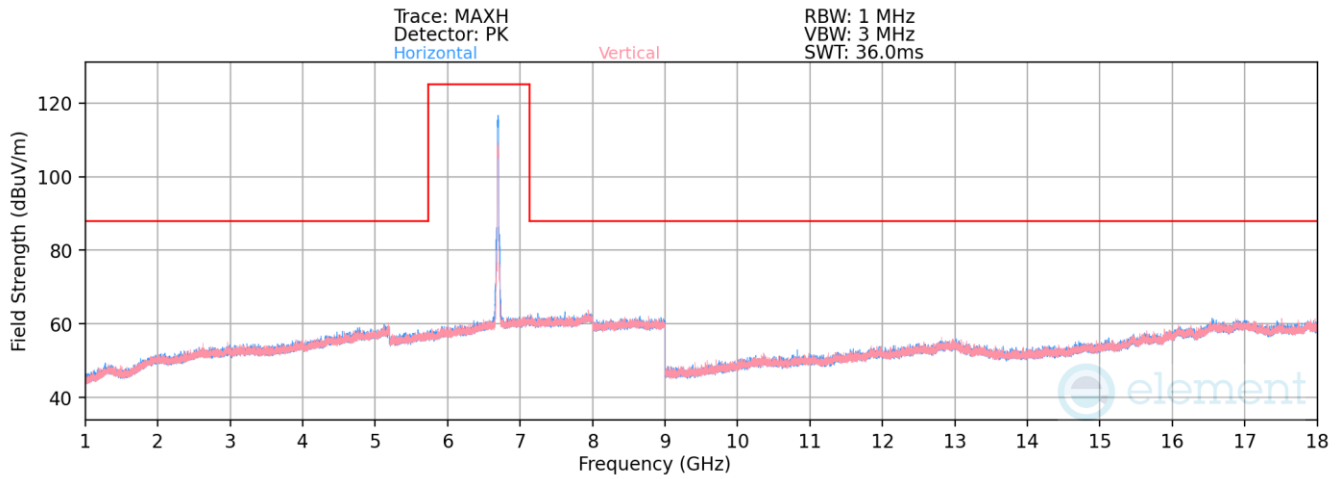
Plot 7-1219. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 117)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13070.00	Average	H	-	-	-83.22	21.52	45.30	88.23	-42.93
13070.00	Peak	H	-	-	-73.94	21.52	54.58	88.23	-33.65

Table 7-171. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 376 of 567



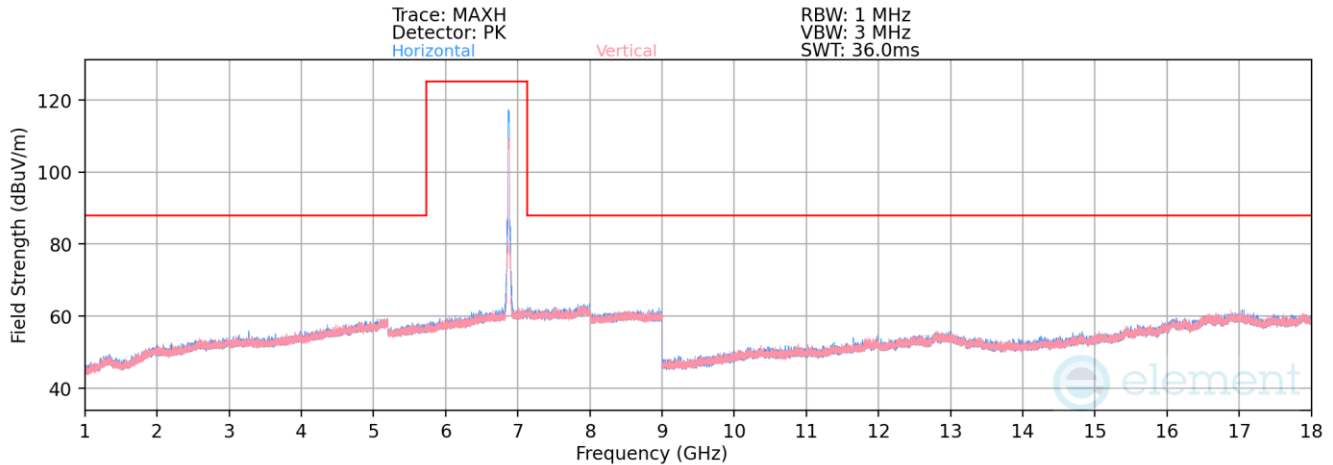
Plot 7-1220. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 149)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 13390.00	Average	H	-	-	-85.89	22.17	43.28	53.98	-10.70
* 13390.00	Peak	H	-	-	-73.22	21.74	55.53	73.98	-18.45

Table 7-172. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 377 of 567



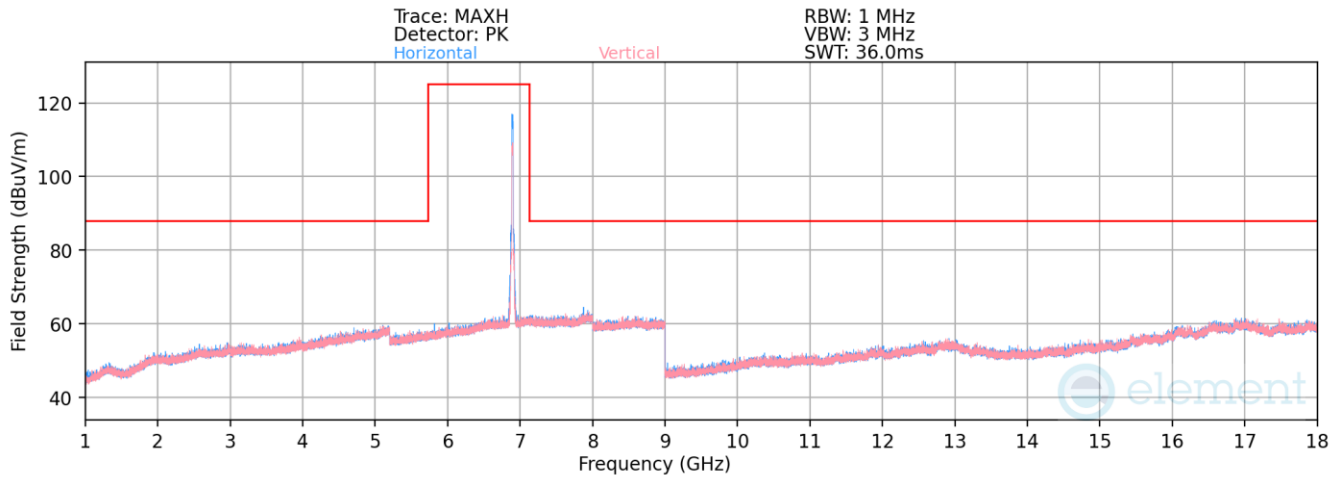
Plot 7-1221. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 185)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6875MHz
 Channel: 185

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]
13750.00	Average	H	-	-	-83.18	21.79	45.62	68.23	-22.61
13750.00	Peak	H	-	-	-71.37	21.78	57.40	88.23	-30.83

Table 7-173. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 378 of 567



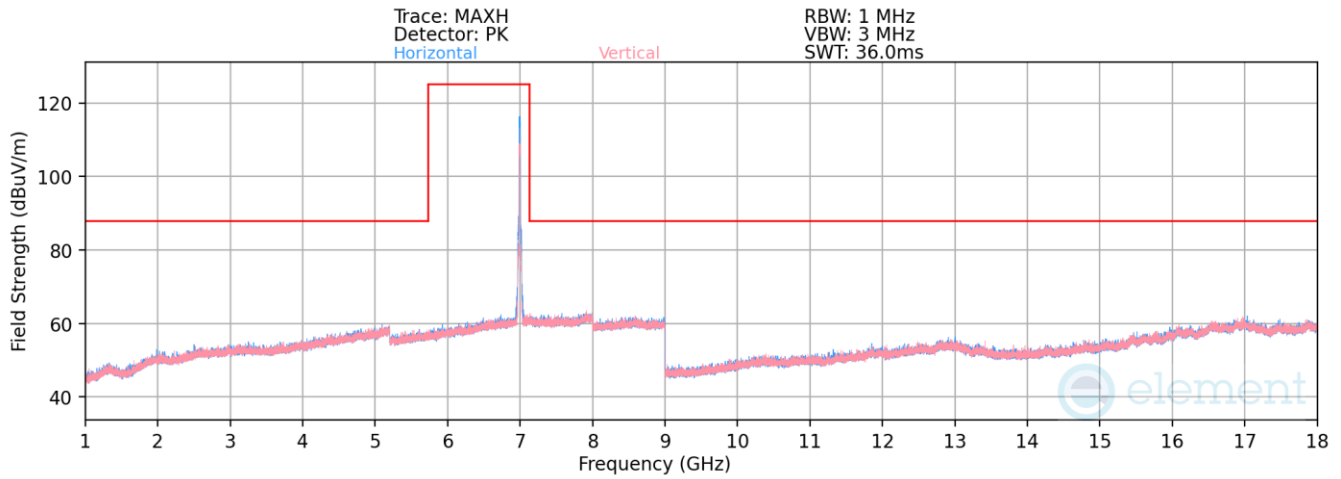
Plot 7-1222. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 189)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6895MHz
 Channel: 189

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]
13790.00	Average	H	-	-	-83.93	22.18	45.25	68.23	-22.98
13790.00	Peak	H	-	-	-71.70	21.80	57.10	88.23	-31.13

Table 7-174. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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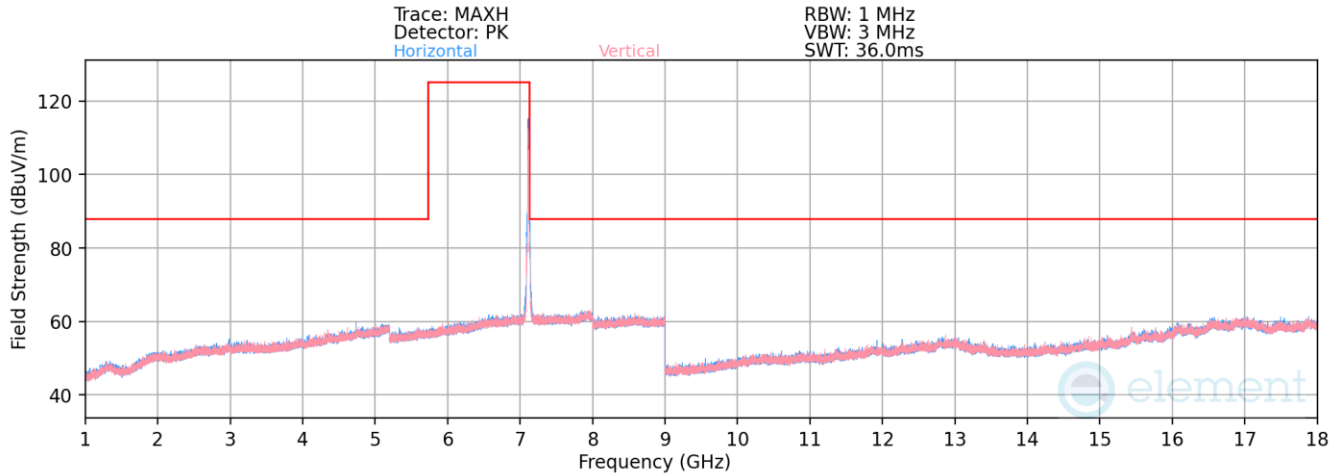
Plot 7-1223. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 209)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6995MHz
 Channel: 209

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]
13990.00	Average	H	-	-	-84.53	22.31	44.78	68.23	-23.45
13990.00	Peak	H	-	-	-72.25	22.07	56.81	88.23	-31.42

Table 7-175. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1224. Radiated Spurious Emissions Antenna WF5B (802.11ax – Ch. 233)

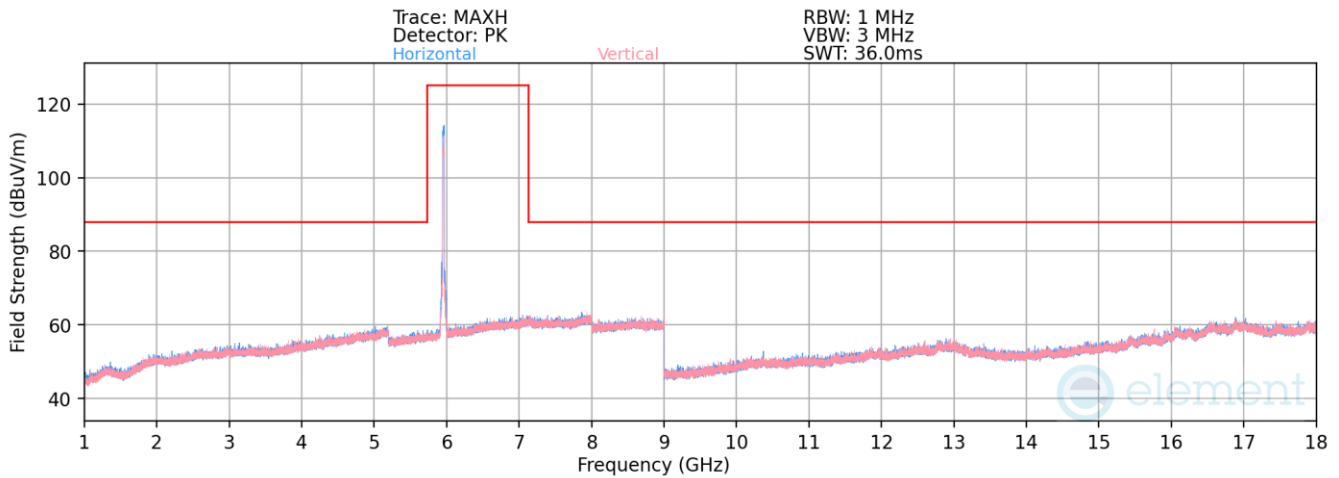
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 7115MHz
 Channel: 233

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]
14230.00	Peak	H	-	-	-74.68	22.31	54.63	88.23	-33.60
14230.00	Average	H	-	-	-84.85	22.88	45.03	68.23	-23.20

Table 7-176. Radiated Spurious Emission Measurements Antenna WF5B

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.7.2 Antenna WF8 Radiated Spurious Emission



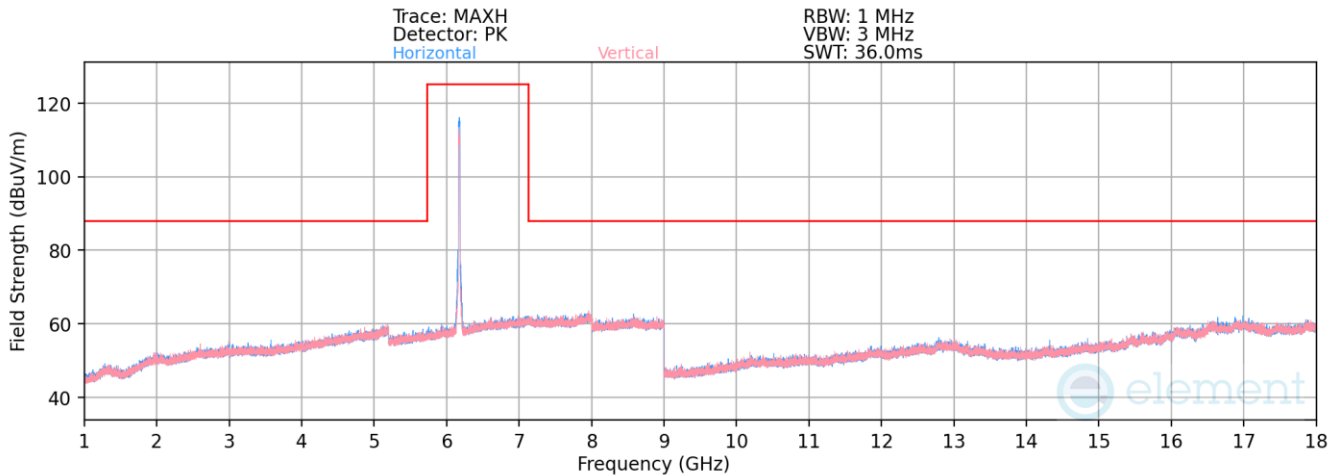
Plot 7-1225. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 1)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 5955MHz
 Channel: 1

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11910.00	Average	V	-	-	-85.41	20.12	41.70	53.98	-12.28
*	11910.00	Peak	V	-	-	-73.34	20.38	54.03	73.98	-19.95
*	17865.00	Average	H	-	-	-85.34	22.53	44.19	53.98	-9.79
*	17865.00	Peak	H	-	-	-75.21	22.63	54.42	73.98	-19.56

Table 7-177. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 382 of 567



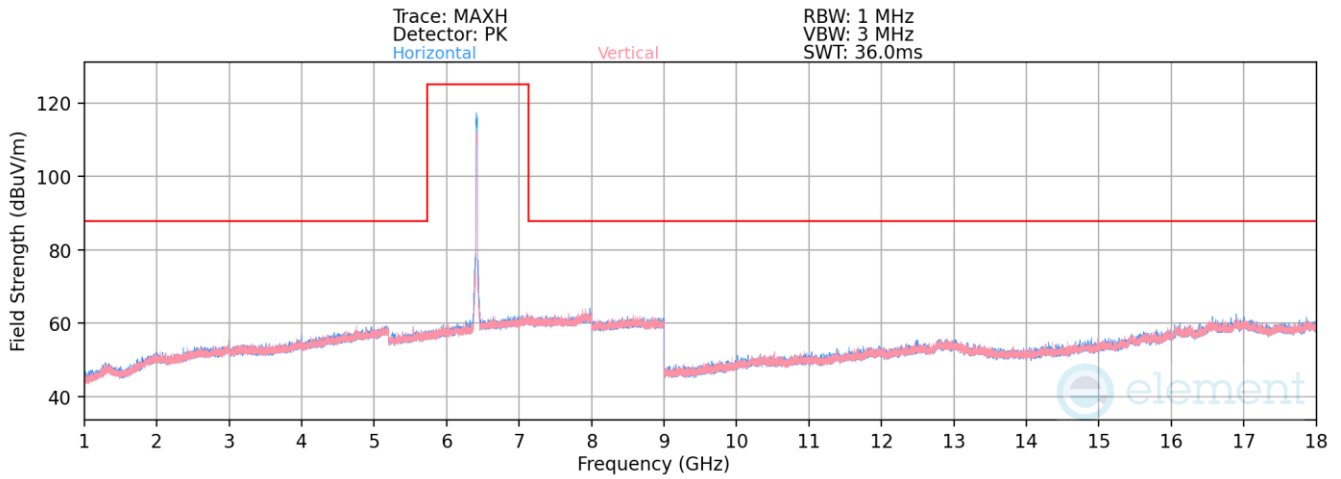
Plot 7-1226. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 45)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6175MHz
 Channel: 45

	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]
*	12350.00	Average	H	-	-	-85.97	20.83	41.86	53.98	-12.12
*	12350.00	Peak	H	-	-	-74.46	20.73	53.27	73.98	-20.71

Table 7-178. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 383 of 567



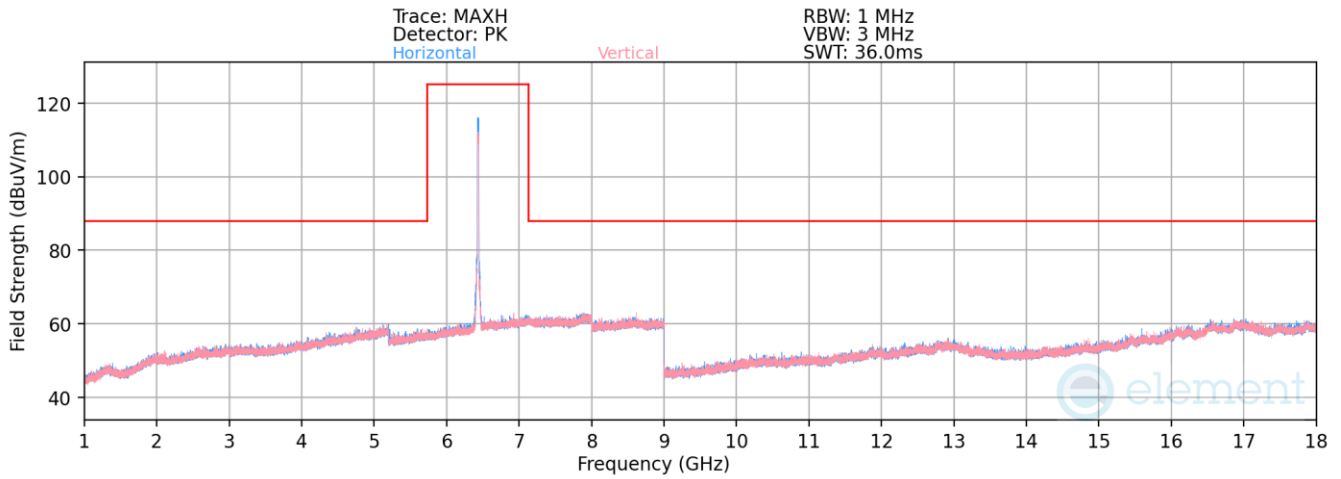
Plot 7-1227. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 93)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12830.00	Average	V	-	-	-86.11	22.26	43.15	68.23	-25.08
12830.00	Peak	V	-	-	-74.34	22.26	54.92	88.23	-33.31

Table 7-179. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 384 of 567



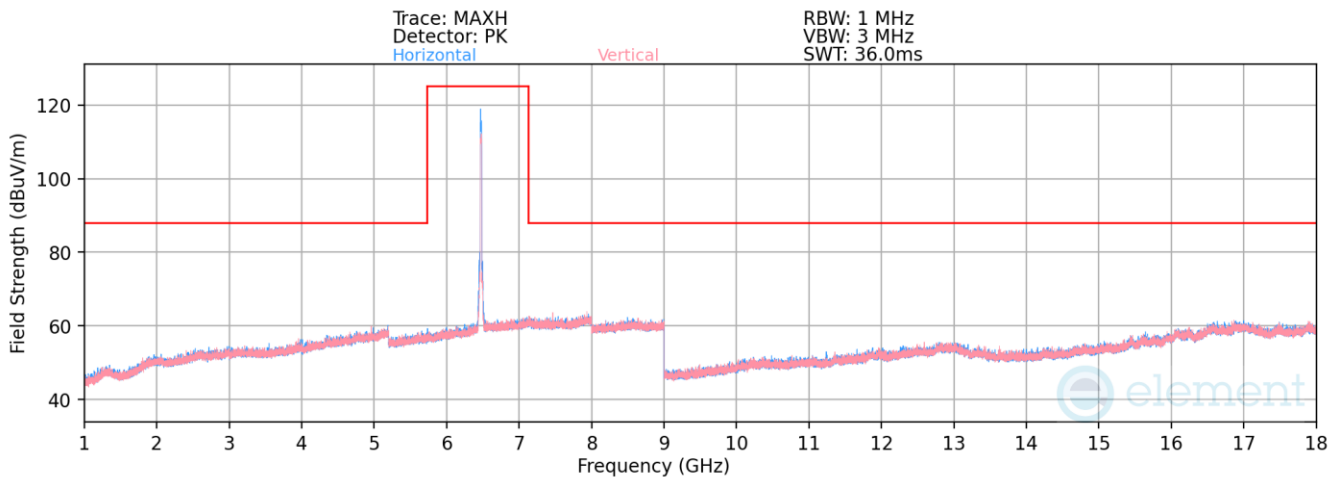
Plot 7-1228. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 97)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6435MHz
 Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
12870.00	Average	H	-	-	-85.83	22.00	43.18	68.23	-25.05
12870.00	Peak	H	-	-	-74.05	22.00	54.95	88.23	-33.28

Table 7-180. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 385 of 567



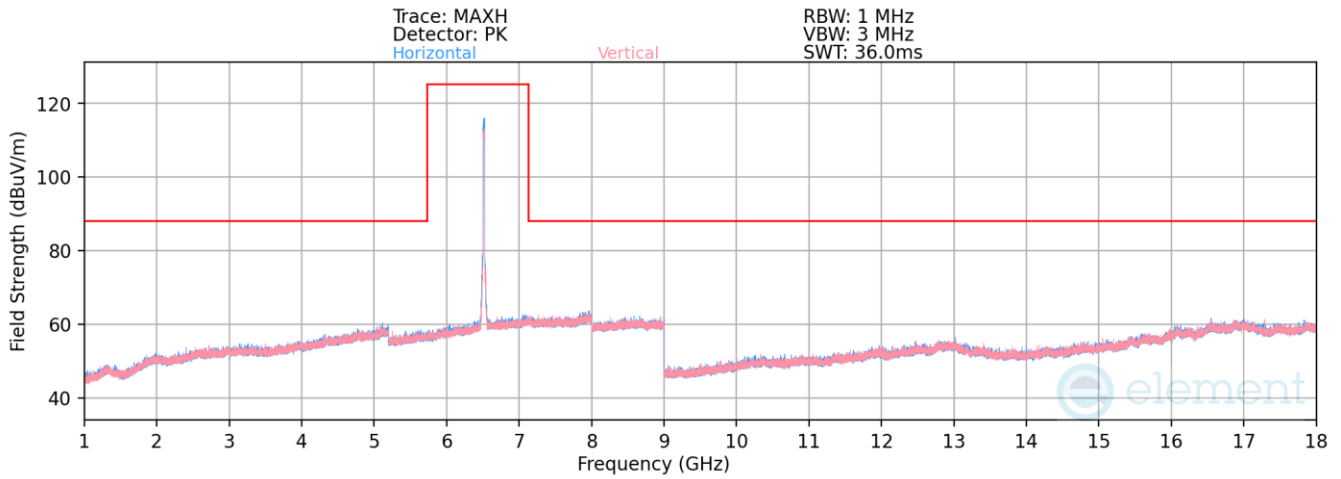
Plot 7-1229. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 105)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6475MHz
 Channel: 105

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]
12950.00	Average	H	-	-	-85.75	22.07	43.32	68.23	-24.91
12950.00	Peak	H	-	-	-73.85	21.93	55.08	88.23	-33.15

Table 7-181. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 386 of 567



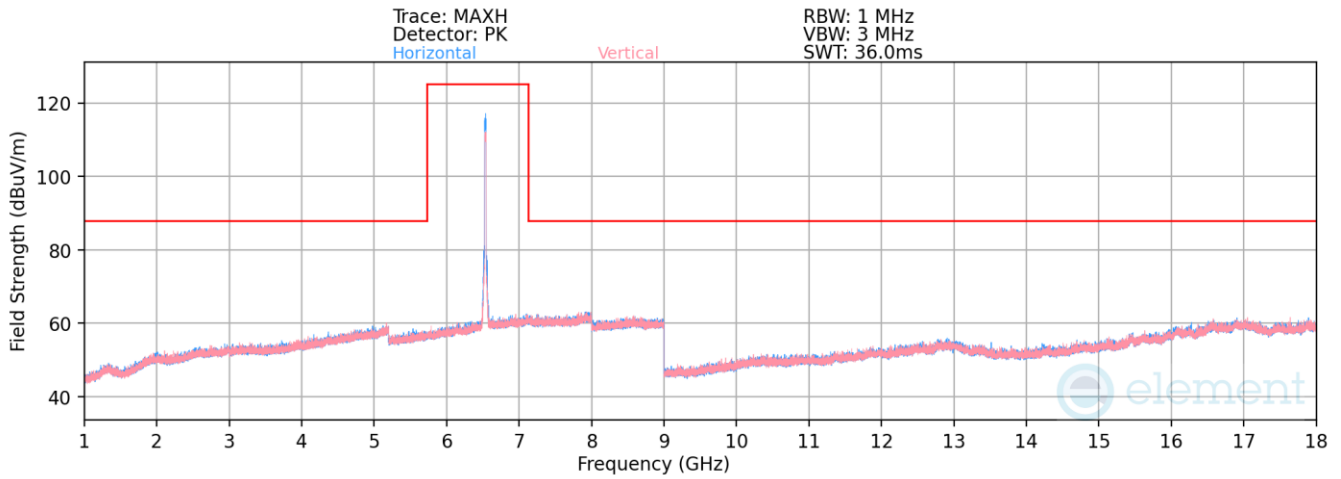
Plot 7-1230. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 113)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6515MHz
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
13030.00	Average	H	-	-	-85.93	22.37	43.44	68.23	-24.79
13030.00	Peak	H	-	-	-73.86	22.37	55.51	88.23	-32.72

Table 7-182. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 387 of 567



Plot 7-1231. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 117)

Mode: 802.11ax

Data Rate: MCS2

Distance of Measurements: 3 Meters

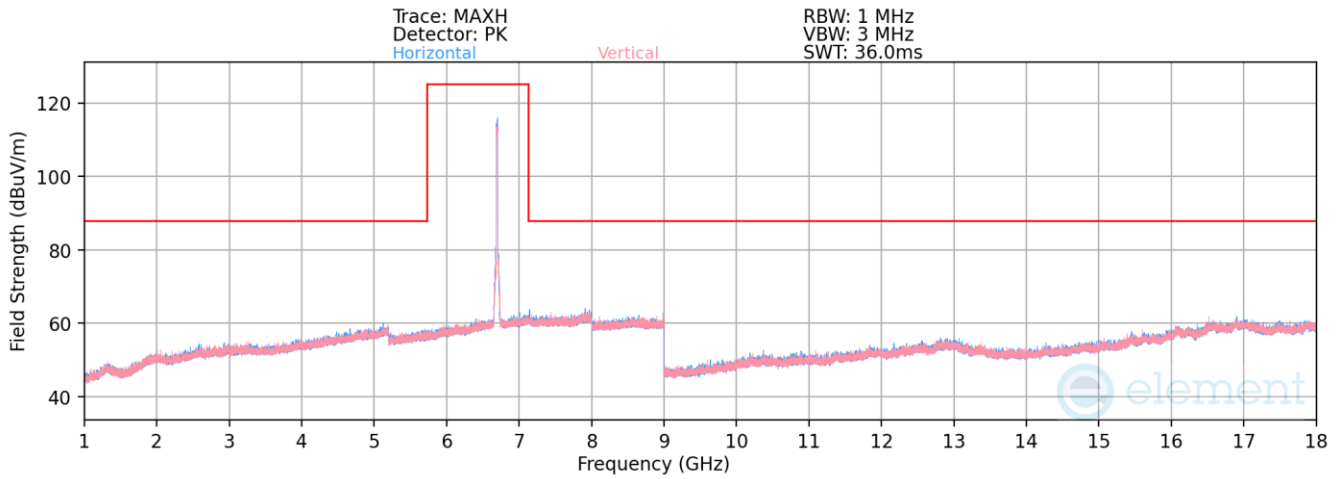
Operating Frequency: 6535MHz

Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13070.00	Average	H	-	-	-85.85	22.20	43.35	68.23	-24.88
13070.00	Peak	H	-	-	-74.31	21.96	54.65	88.23	-33.58

Table 7-183. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 388 of 567



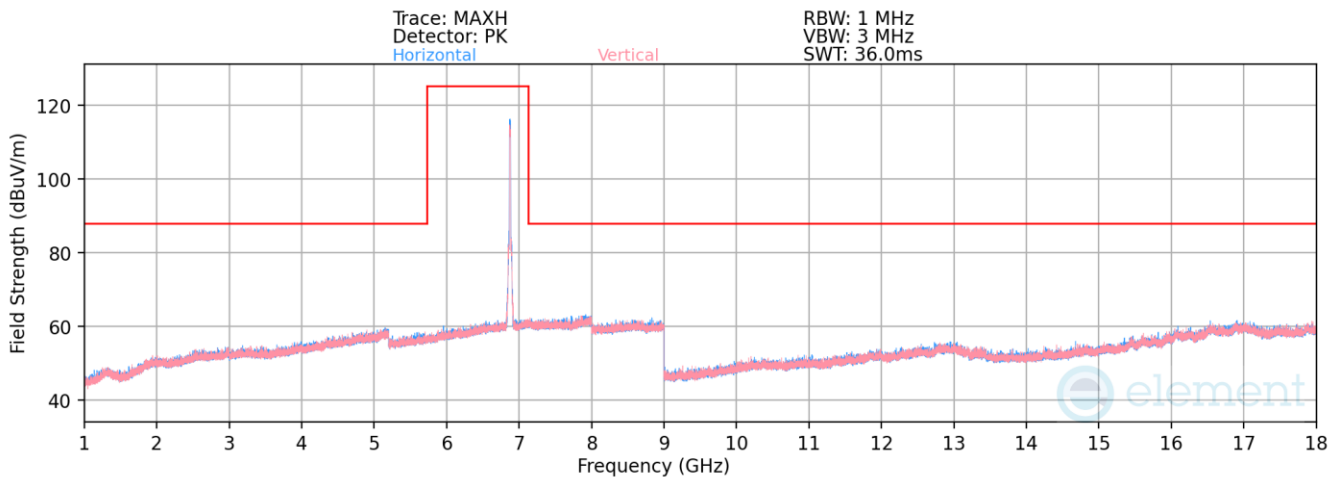
Plot 7-1232. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 149)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	13390.00	Average	H	-	-	-85.89	22.17	43.28	53.98	-10.70
*	13390.00	Peak	H	-	-	-73.22	21.74	55.53	73.98	-18.45

Table 7-184. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 389 of 567



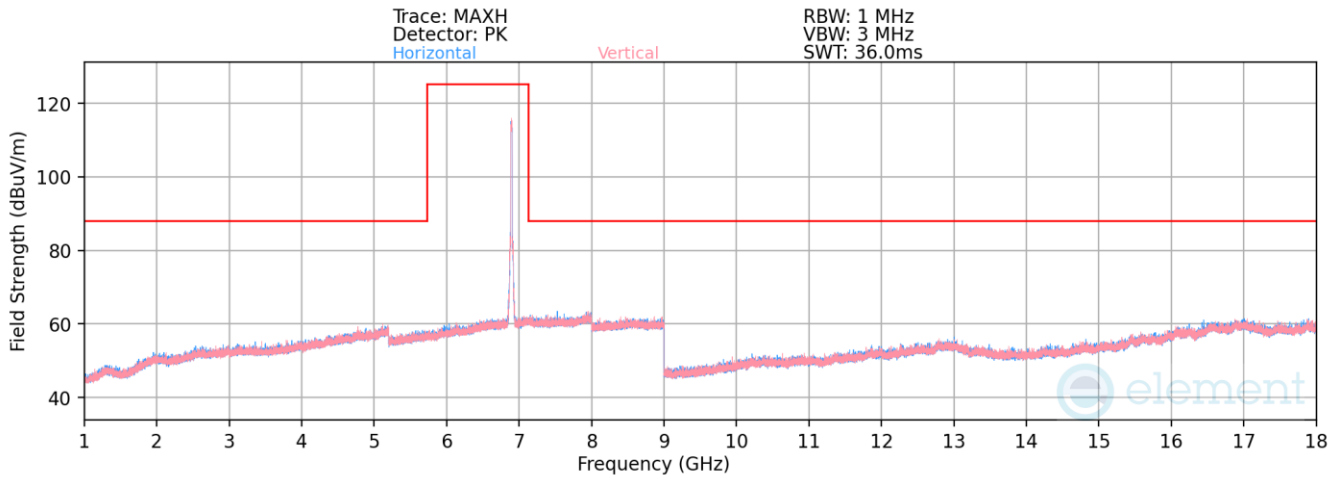
Plot 7-1233. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 185)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6875MHz
 Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
13750.00	Average	H	-	-	-83.18	21.79	45.62	68.23	-22.61
13750.00	Peak	H	-	-	-71.37	21.78	57.40	88.23	-30.83

Table 7-185. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 390 of 567



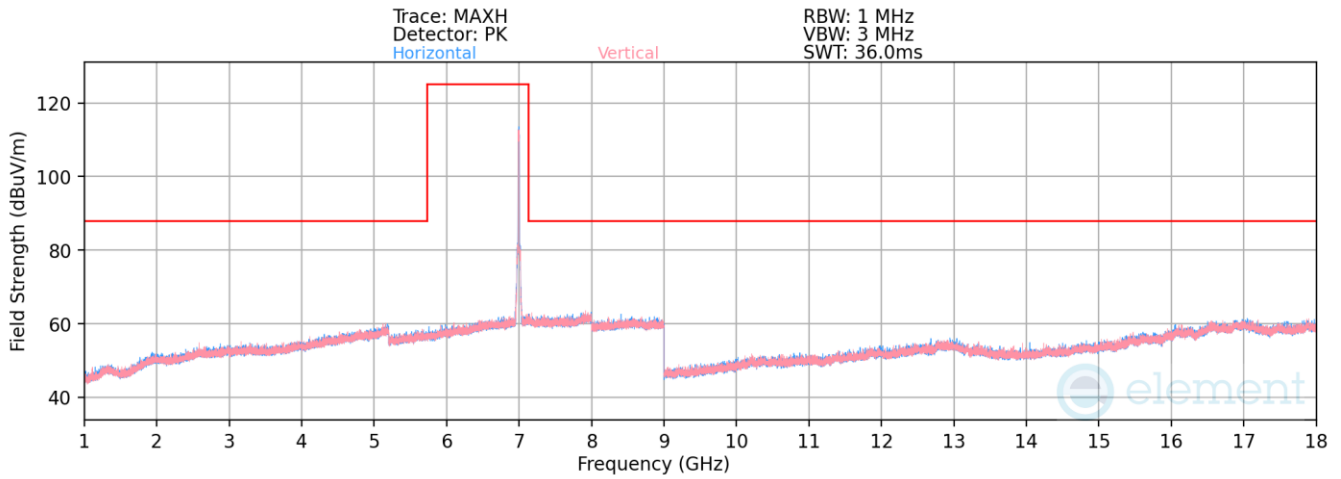
Plot 7-1234. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 189)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6895MHz
 Channel: 189

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]
13790.00	Average	H	-	-	-83.93	22.18	45.25	68.23	-22.98
13790.00	Peak	H	-	-	-71.70	21.80	57.10	88.23	-31.13

Table 7-186. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 391 of 567



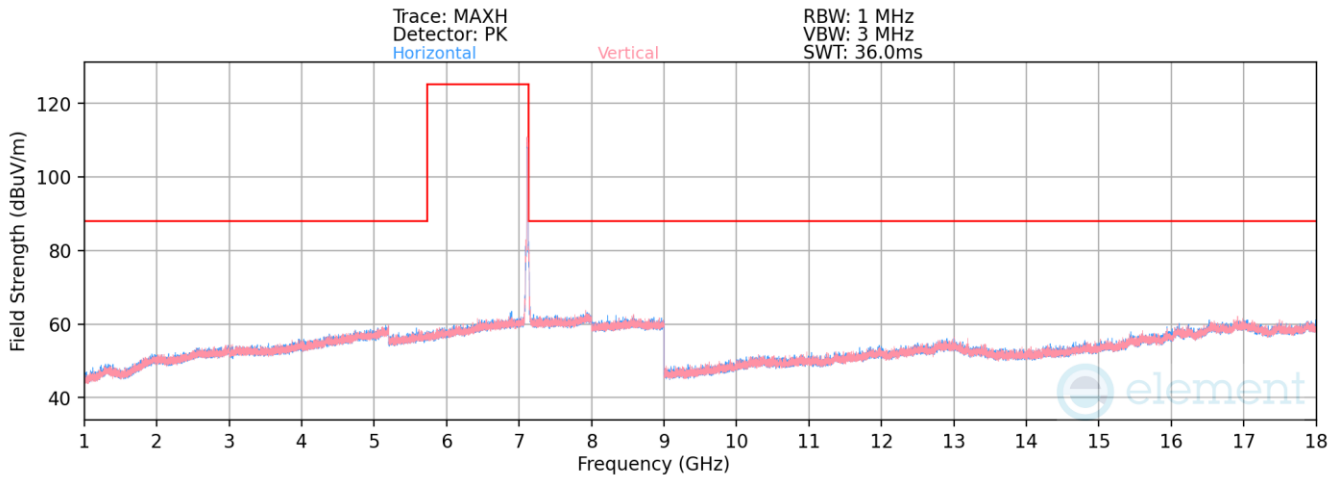
Plot 7-1235. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 209)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6995MHz
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
13990.00	Average	H	-	-	-84.53	22.31	44.78	68.23	-23.45
13990.00	Peak	H	-	-	-72.25	22.07	56.81	88.23	-31.42

Table 7-187. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 392 of 567



Plot 7-1236. Radiated Spurious Emissions Antenna WF8 (802.11ax – Ch. 233)

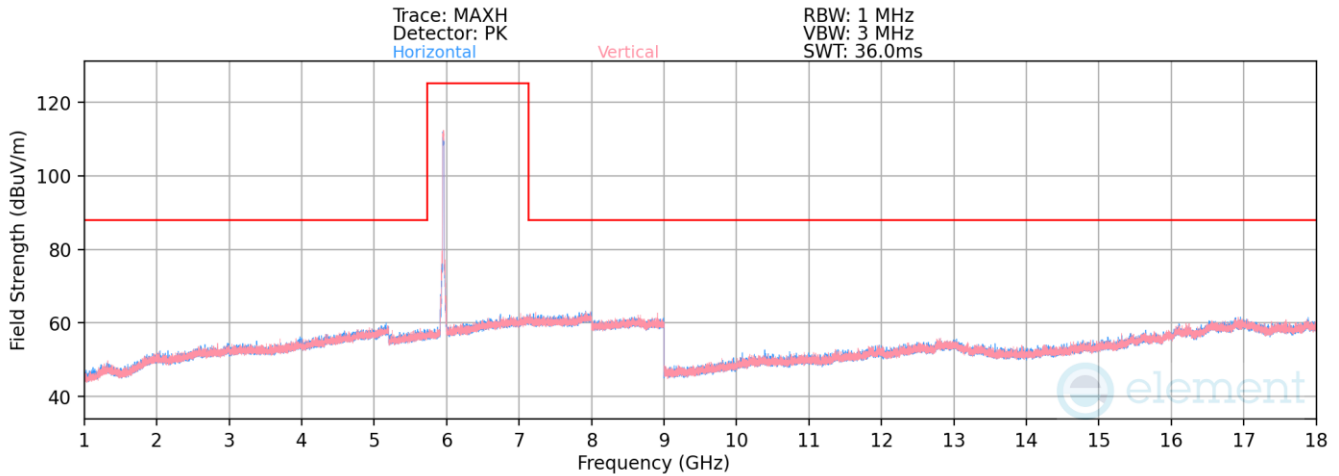
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 7115MHz
 Channel: 233

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]
14230.00	Average	H	-	-	-84.85	22.88	45.03	68.23	-23.20
14230.00	Peak	H	-	-	-73.24	22.88	56.64	88.23	-31.59

Table 7-188. Radiated Spurious Emission Measurements Antenna WF8

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 393 of 567

7.7.3 Antenna WF7 Radiated Spurious Emission



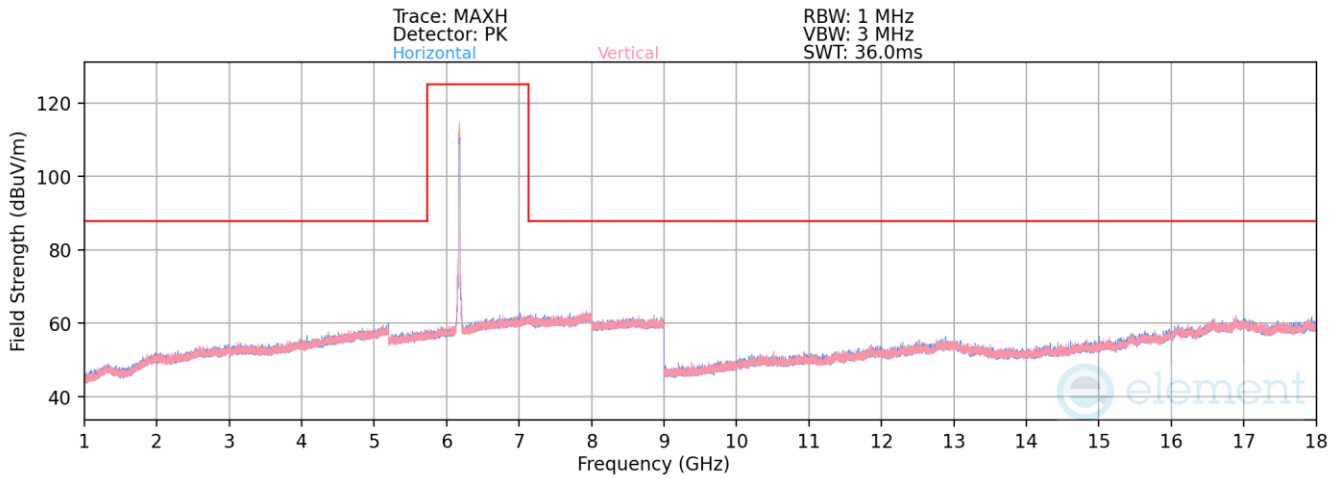
Plot 7-1237. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 1)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 5955MHz
 Channel: 1

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11910.00	Average	V	-	-	-85.53	20.12	41.58	53.98	-12.40
* 11910.00	Peak	V	-	-	-73.94	20.02	53.08	73.98	-20.90
* 17865.00	Average	V	-	-	-86.31	25.33	45.92	53.98	-8.06
* 17865.00	Peak	V	-	-	-74.40	25.78	58.38	73.98	-15.60

Table 7-189. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 394 of 567



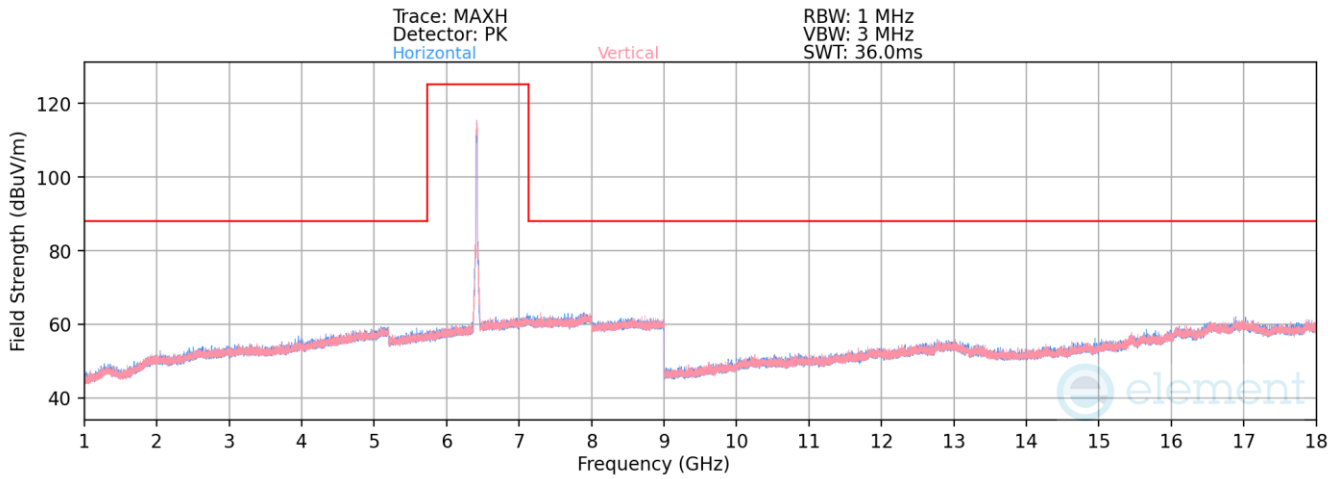
Plot 7-1238. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 45)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6175MHz
 Channel: 45

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]
* 12350.00	Average	H	-	-	-85.95	20.73	41.78	53.98	-12.20
* 12350.00	Peak	H	-	-	-74.15	20.73	53.59	73.98	-20.39

Table 7-190. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 395 of 567



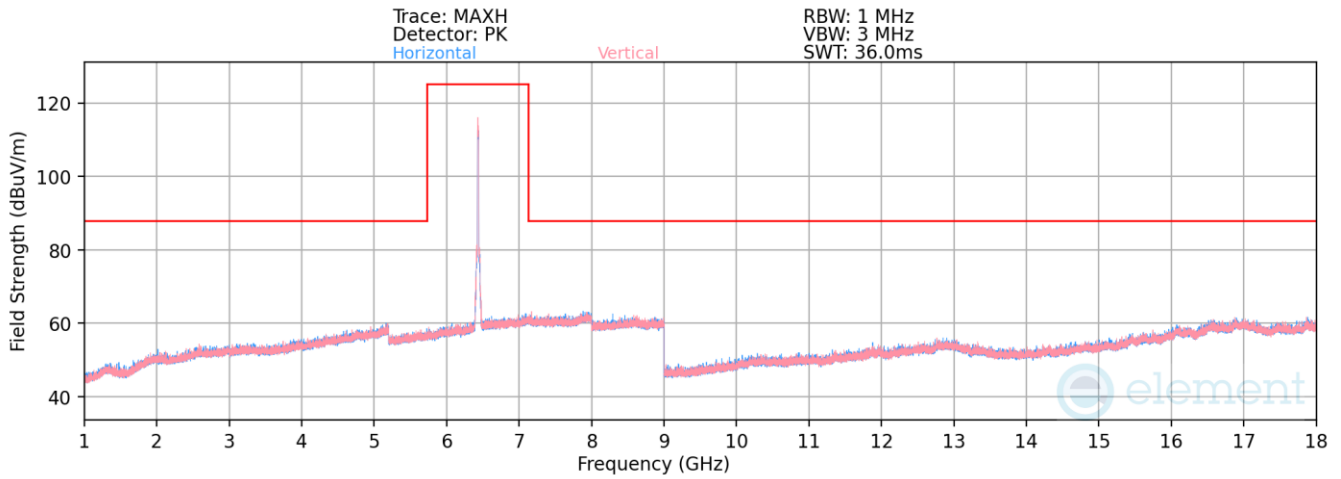
Plot 7-1239. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 93)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
12830.00	Average	H	-	-	-86.31	21.90	42.59	68.23	-25.64
12830.00	Peak	H	-	-	-74.00	21.90	54.89	88.23	-33.34

Table 7-191. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 396 of 567



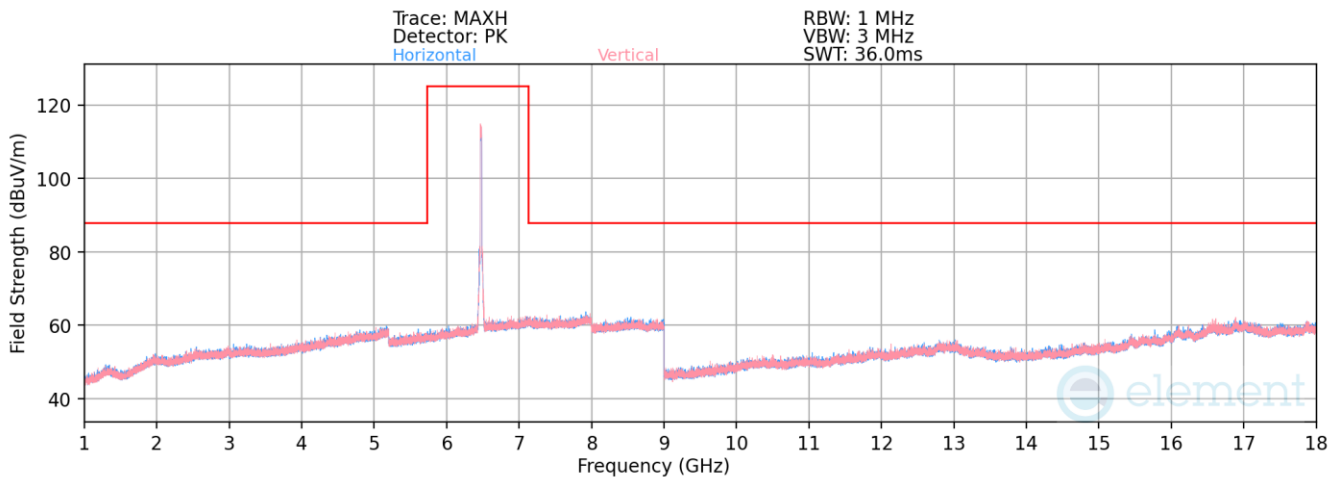
Plot 7-1240. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 97)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6435MHz
 Channel: 97

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]
12870.00	Average	H	-	-	-85.97	22.36	43.39	68.23	-24.84
12870.00	Peak	H	-	-	-74.16	22.36	55.19	88.23	-33.04

Table 7-192. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 397 of 567



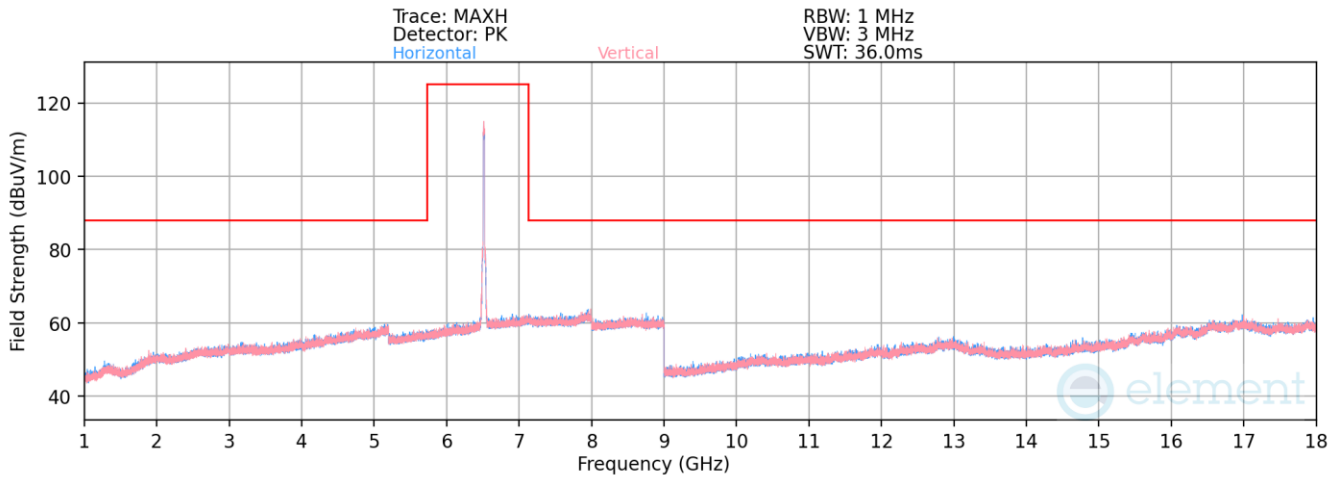
Plot 7-1241. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 105)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6475MHz
 Channel: 105

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]
12950.00	Average	H	-	-	-85.70	21.93	43.23	68.23	-25.00
12950.00	Peak	H	-	-	-73.98	21.89	54.91	88.23	-33.32

Table 7-193. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 398 of 567



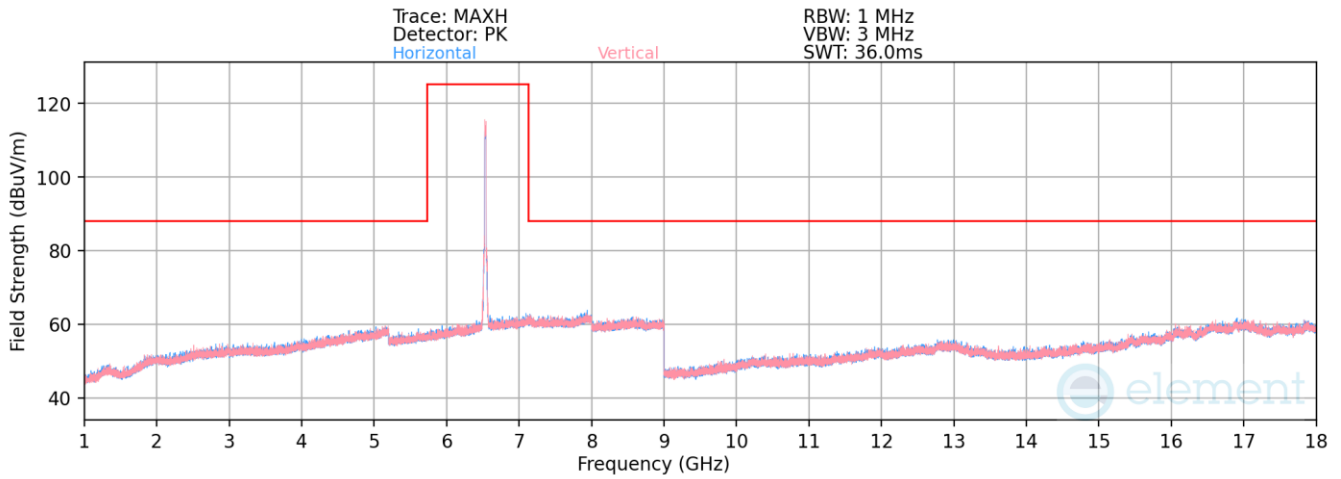
Plot 7-1242. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 113)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6515MHz
 Channel: 113

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]
13030.00	Average	H	-	-	-85.75	22.37	43.62	68.23	-24.61
13030.00	Peak	H	-	-	-74.61	22.36	54.75	88.23	-33.48

Table 7-194. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 399 of 567



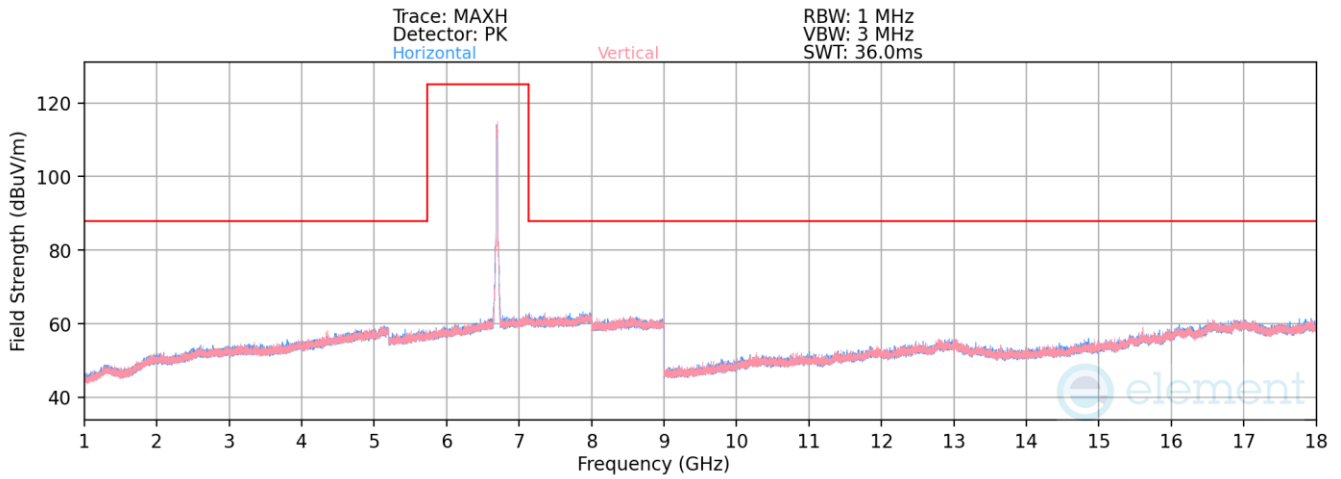
Plot 7-1243. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 117)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13070.00	Average	H	-	-	-85.85	22.20	43.35	68.23	-24.88
13070.00	Peak	H	-	-	-74.31	21.96	54.65	88.23	-33.58

Table 7-195. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 400 of 567



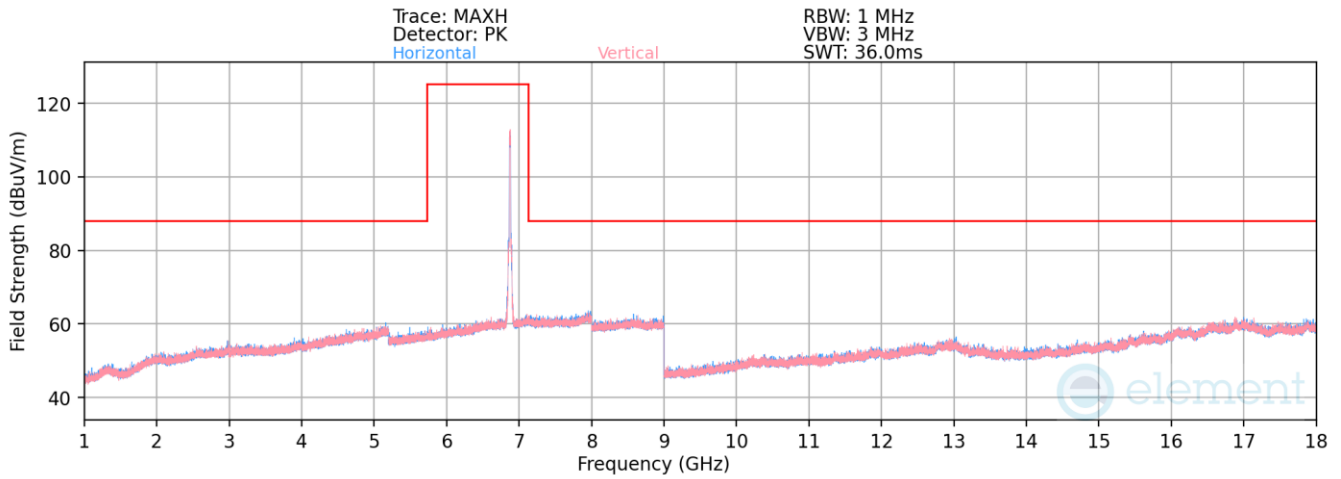
Plot 7-1244. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 149)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13390.00	Average	H	-	-	-84.73	22.04	44.31	68.23	-23.92
13390.00	Peak	H	-	-	-73.01	22.02	56.01	73.98	-17.97

Table 7-196. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 401 of 567



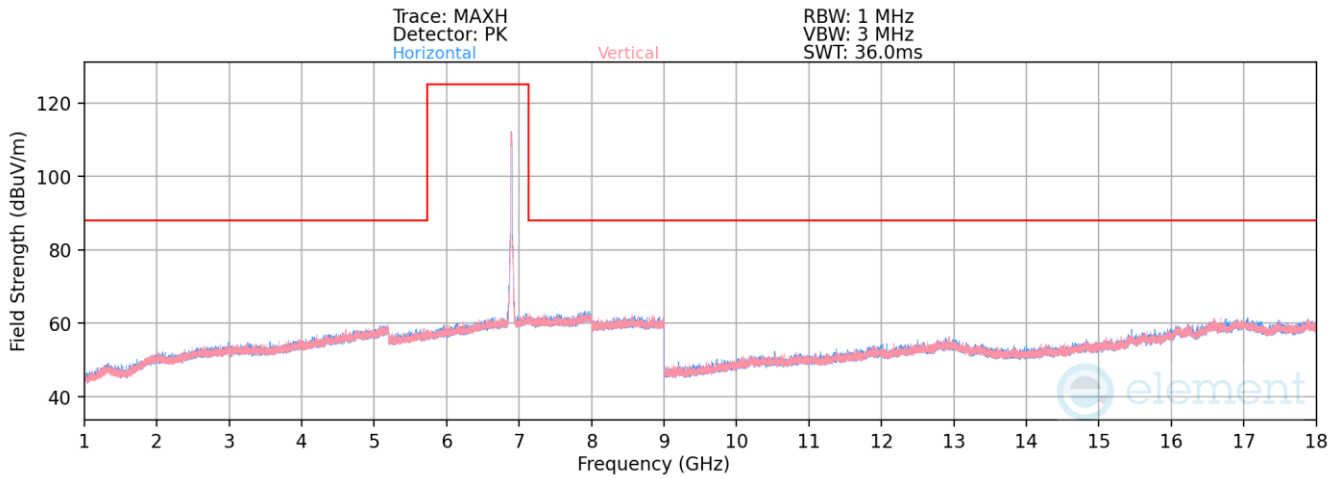
Plot 7-1245. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 185)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6875MHz
 Channel: 185

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]
13750.00	Average	H	-	-	-83.23	21.90	45.67	68.23	-22.56
13750.00	Peak	H	-	-	-71.78	21.78	57.00	88.23	-31.23

Table 7-197. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 402 of 567



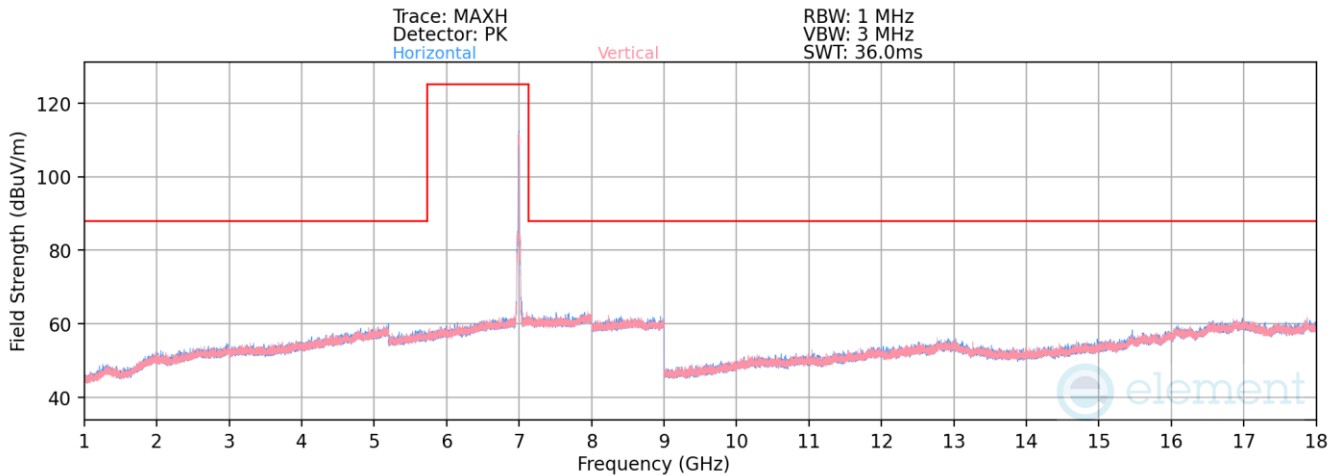
Plot 7-1246. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 189)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6895MHz
 Channel: 189

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]
13790.00	Average	H	-	-	-83.94	22.18	45.25	68.23	-22.98
13790.00	Peak	H	-	-	-72.10	21.86	56.76	88.23	-31.47

Table 7-198. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 403 of 567



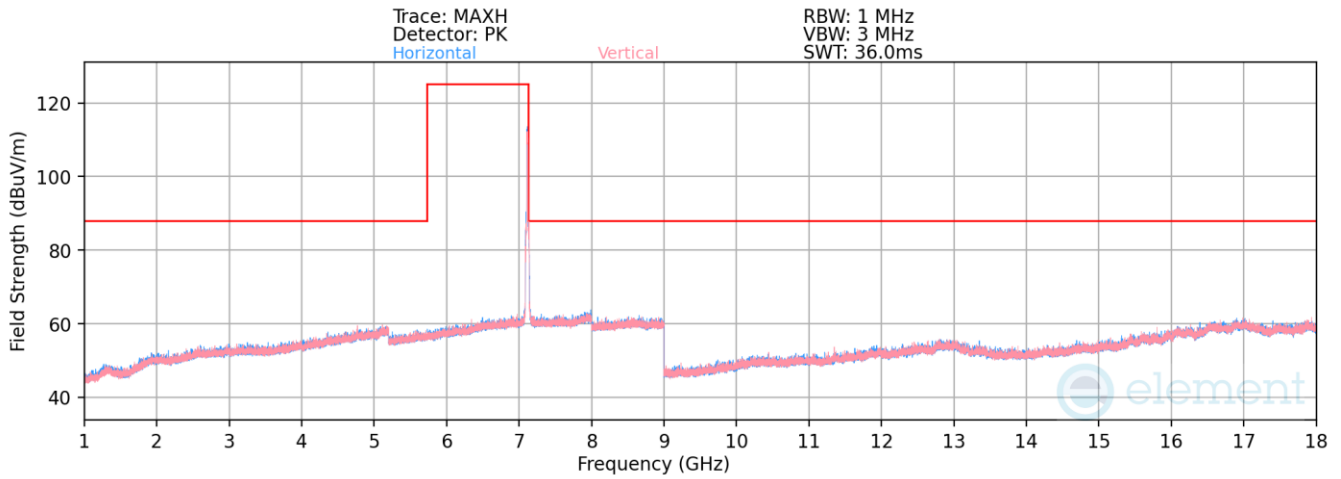
Plot 7-1247. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 209)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6995MHz
 Channel: 209

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]
13990.00	Average	H	-	-	-84.57	22.33	44.77	68.23	-23.46
13990.00	Peak	H	-	-	-72.26	22.21	56.94	88.23	-31.29

Table 7-199. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 404 of 567



Plot 7-1248. Radiated Spurious Emissions Antenna WF7 (802.11ax – Ch. 233)

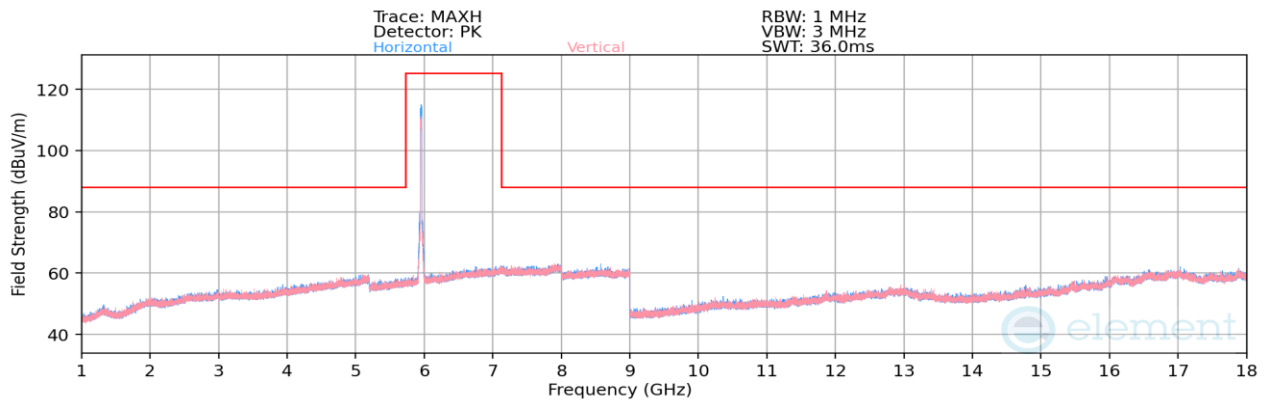
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 7115MHz
 Channel: 233

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]
14230.00	Average	H	-	-	-84.85	22.88	45.03	68.23	-23.20
14230.00	Peak	H	-	-	-73.24	22.88	56.64	88.23	-31.59

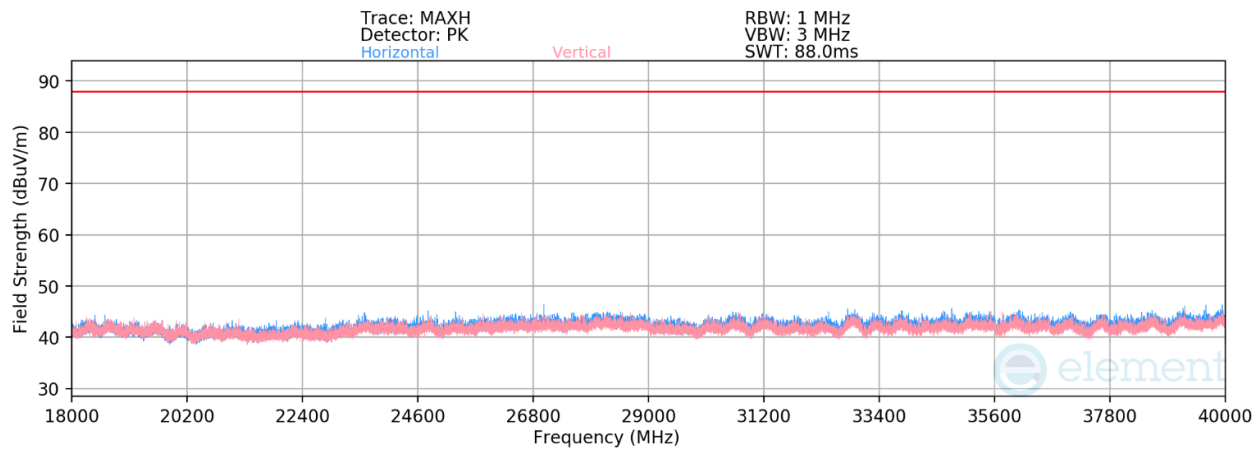
Table 7-200. Radiated Spurious Emission Measurements Antenna WF7

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 405 of 567

7.7.4 SDM Primary Radiated Spurious Emission



Plot 7-1249. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 1)



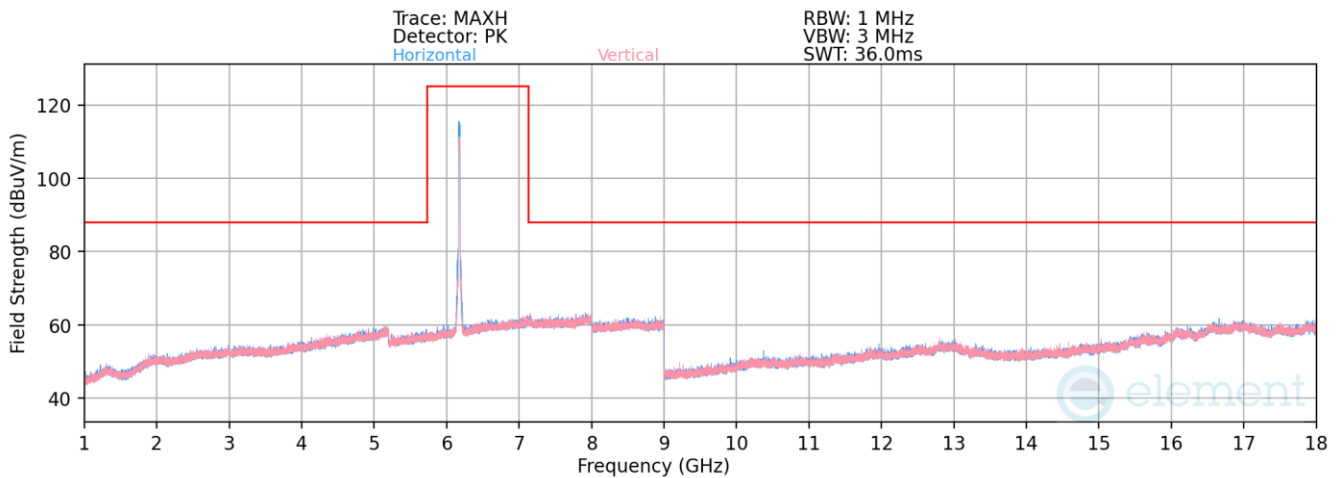
Plot 7-1250. Radiated Spurious Emissions 18-40GHz SDM Primary (802.11ax – Ch. 1)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 5955MHz
 Channel: 1

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11910.00	Average	V	-	-	-85.66	20.38	41.71	53.98	-12.27
*	11910.00	Peak	V	-	-	-74.07	20.12	53.05	73.98	-20.93
*	17865.00	Average	H	-	-	-88.21	25.66	46.37	53.98	-7.61
*	17865.00	Peak	H	-	-	-74.71	25.31	57.60	73.98	-16.38

Table 7-201. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 406 of 567



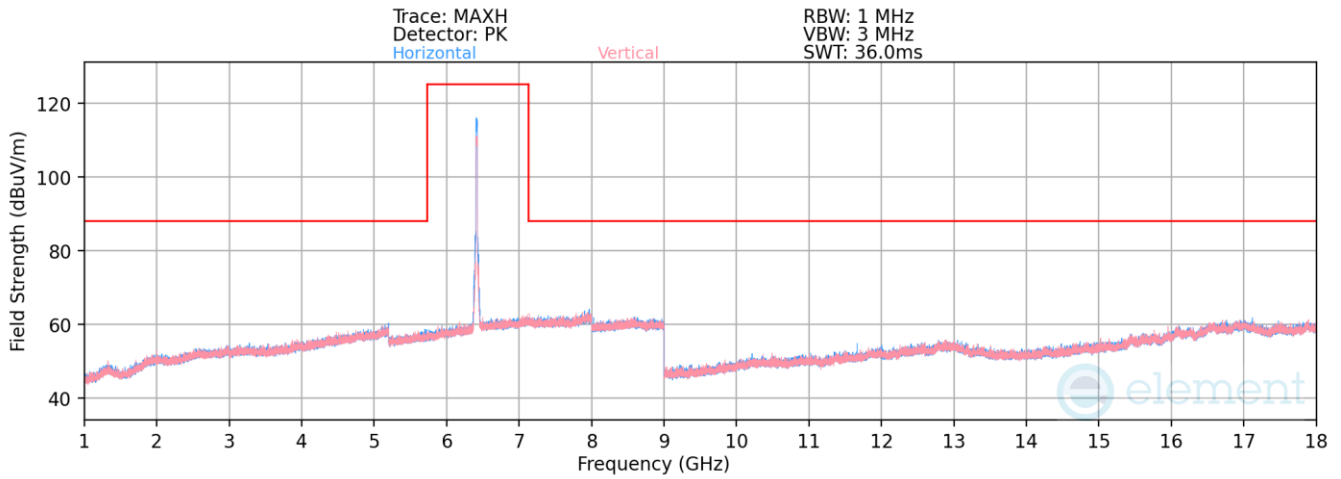
Plot 7-1251. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 1)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6175MHz
 Channel: 45

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	12350.00	Average	H	-	-	-85.90	20.83	41.93	53.98	-12.05
*	12350.00	Peak	H	-	-	-74.53	21.02	53.49	73.98	-20.49

Table 7-202. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 407 of 567



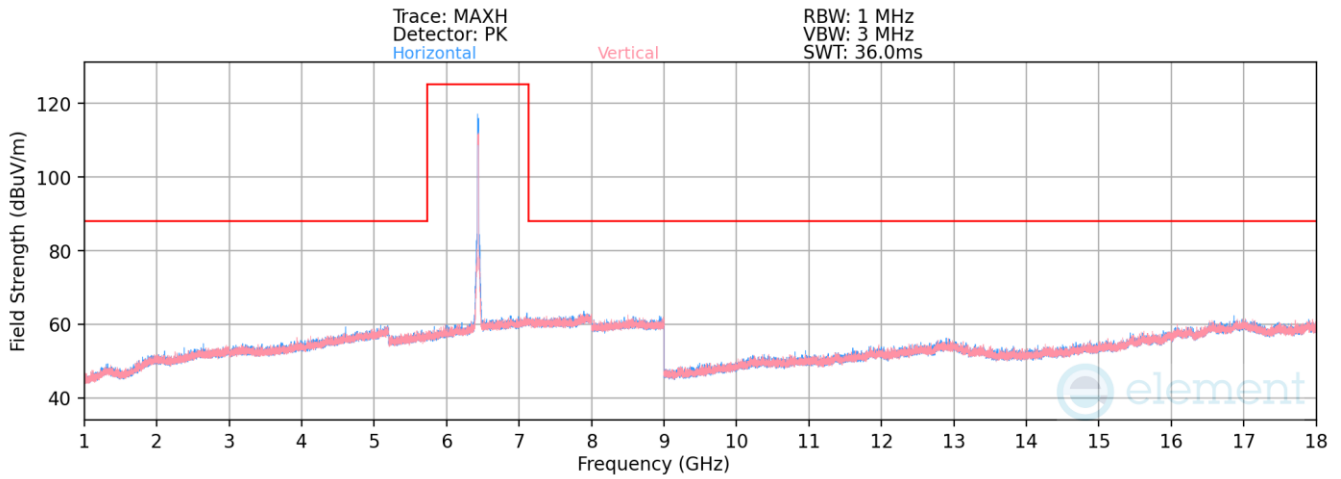
Plot 7-1252. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 93)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBμV/m]	Limit [dBμV/m]	Margin [dB]
12830.00	Average	V	-	-	-85.96	22.43	43.47	68.23	-24.76
12830.00	Peak	V	-	-	-74.21	22.43	55.21	88.23	-33.02

Table 7-203. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 408 of 567



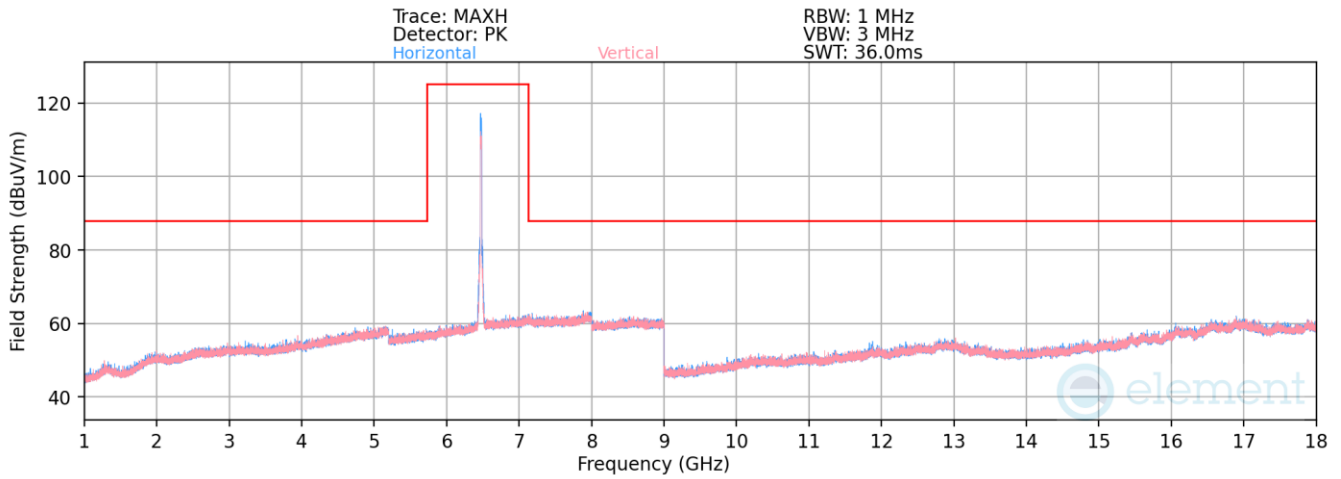
Plot 7-1253. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 97)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6435MHz
 Channel: 97

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]
12870.00	Average	H	-	-	-86.18	22.36	43.18	68.23	-25.05
12870.00	Peak	H	-	-	-73.61	21.73	55.12	88.23	-33.11

Table 7-204. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 409 of 567



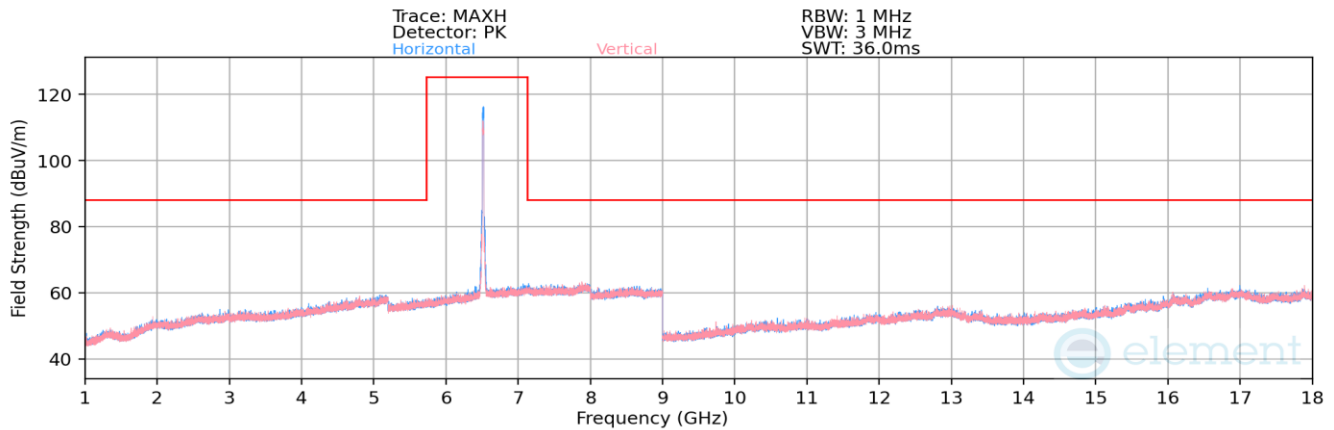
Plot 7-1254. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 105)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6475MHz
 Channel: 105

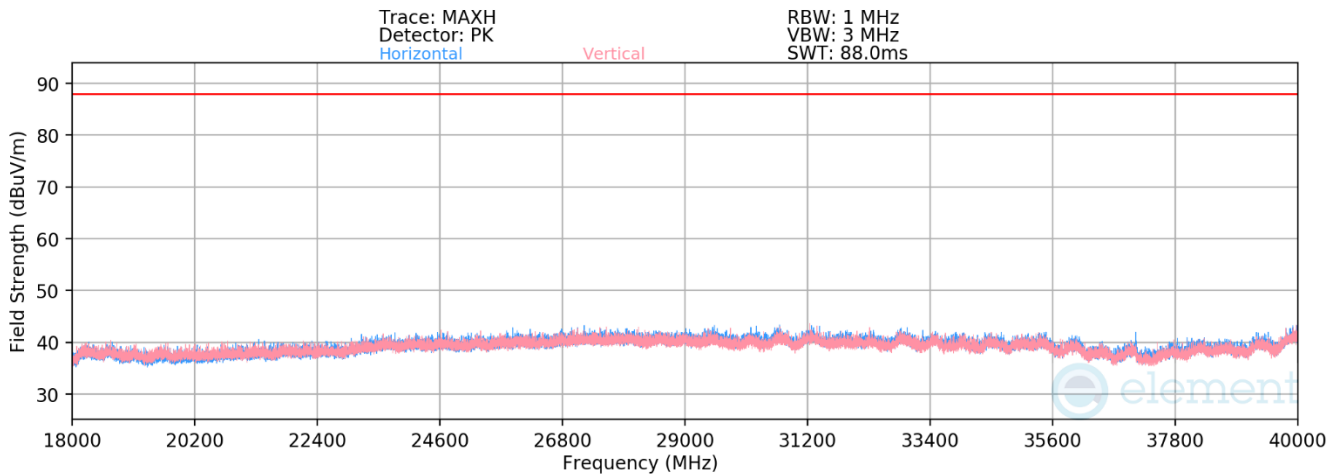
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
12950.00	Average	H	-	-	-85.72	21.93	43.21	68.23	-25.02
12950.00	Peak	H	-	-	-73.78	22.07	55.29	88.23	-32.94

Table 7-205. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 410 of 567



Plot 7-1255. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 113)



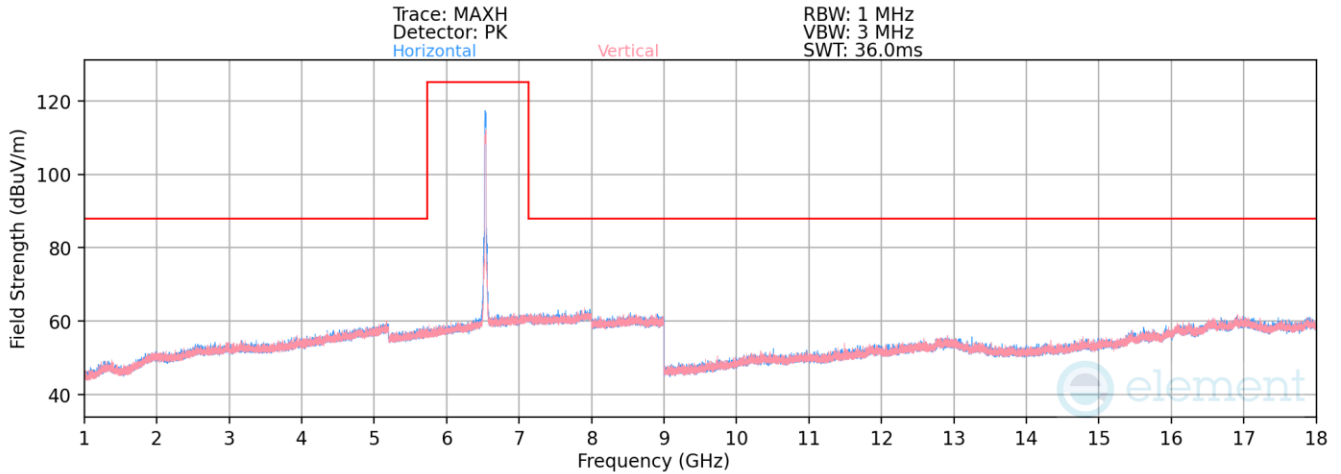
Plot 7-1256. Radiated Spurious Emissions 18-40GHz SDM Primary (802.11ax – Ch. 113)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6515MHz
 Channel: 113

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]
13030.00	Average	H	-	-	-85.82	22.37	43.55	68.23	-24.68
13030.00	Peak	H	-	-	-73.84	22.30	55.46	88.23	-32.77

Table 7-206. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 411 of 567



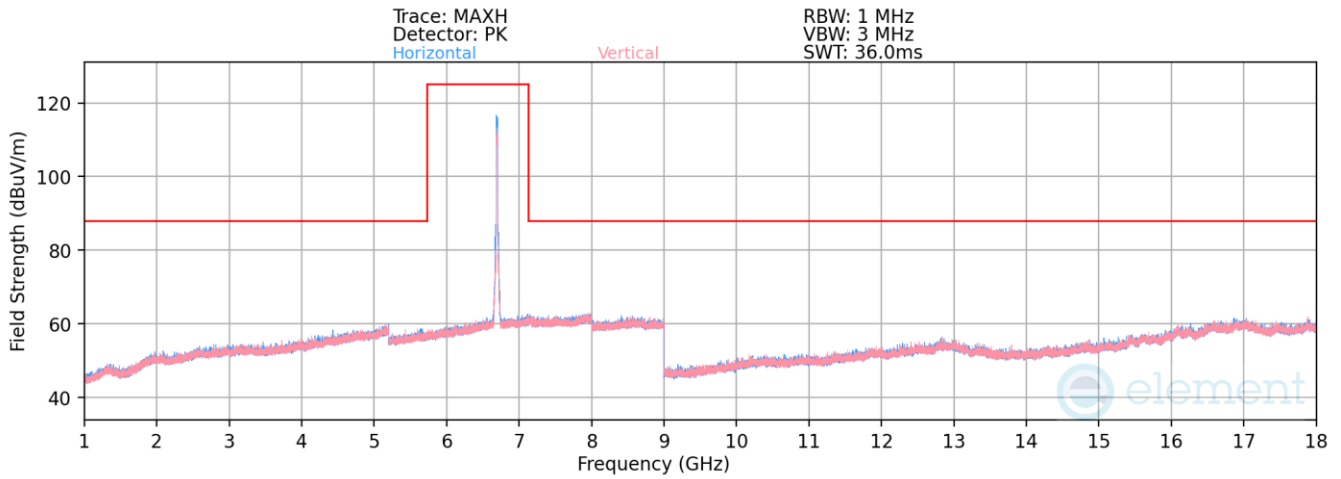
Plot 7-1257. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 117)

Mode: 802.11ax
 Data Rate: MCS2
 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 μ V/m]	Limit [dB μ V/m]	Margin [dB]
13070.00	Average	H	-	-	-85.76	22.20	43.44	68.23	-24.79
13070.00	Peak	H	-	-	-74.08	22.20	55.12	88.23	-33.11

Table 7-207. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 412 of 567



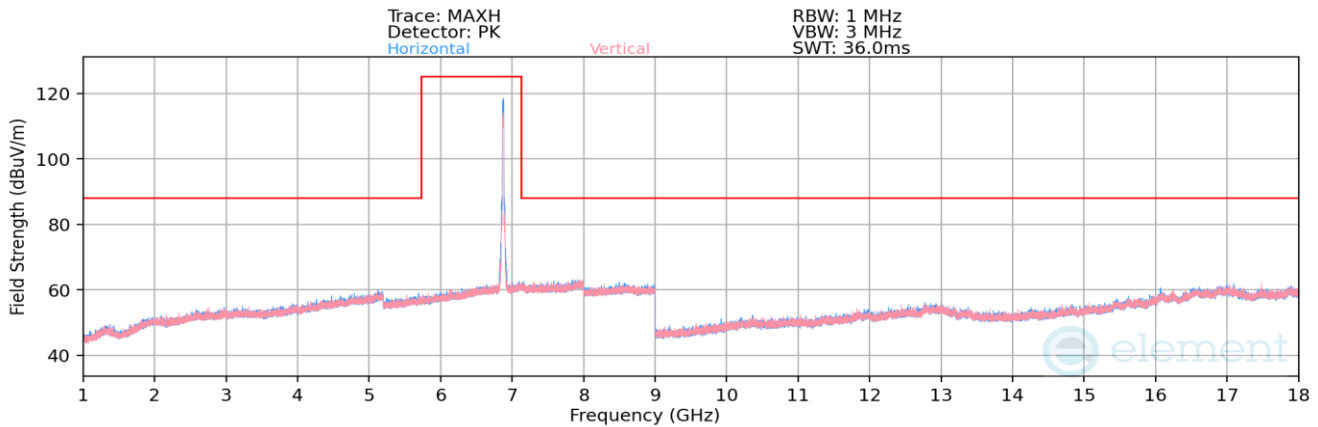
Plot 7-1258. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 149)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6695MHz
 Channel: 149

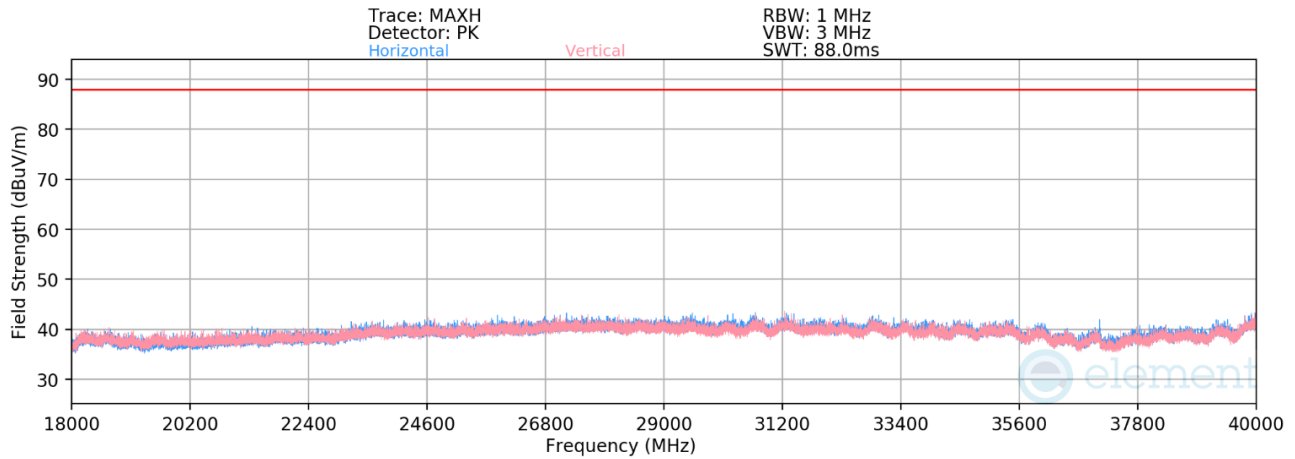
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
13390.00	Average	H	-	-	-84.92	22.38	44.46	68.23	-23.77
13390.00	Peak	H	-	-	-73.06	22.38	56.32	88.23	-31.91

Table 7-208. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 413 of 567



Plot 7-1259. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 185)



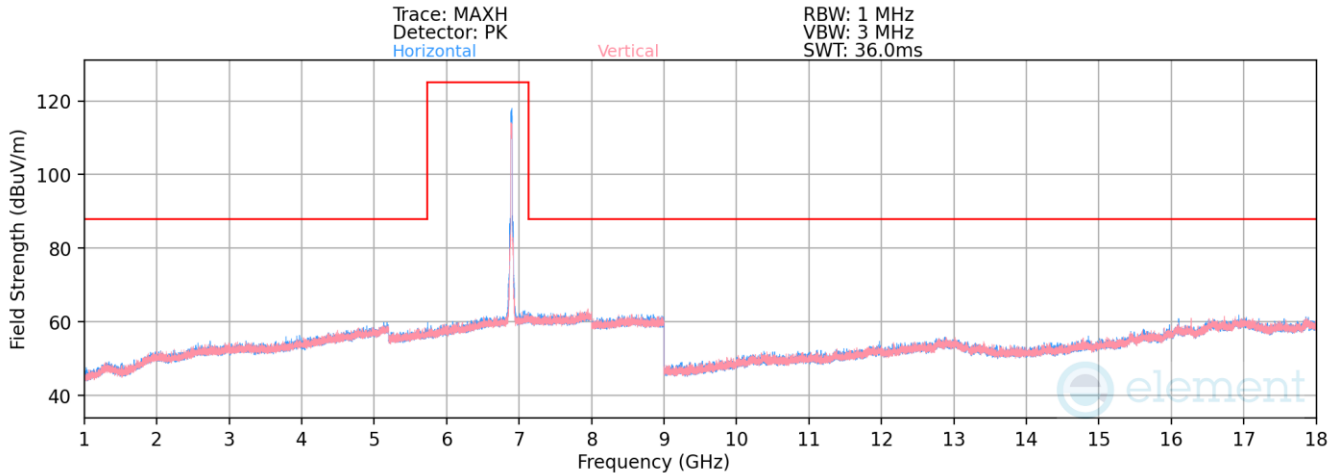
Plot 7-1260. Radiated Spurious Emissions 18-40GHz SDM Primary (802.11ax – Ch. 185)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6875MHz
 Channel: 185

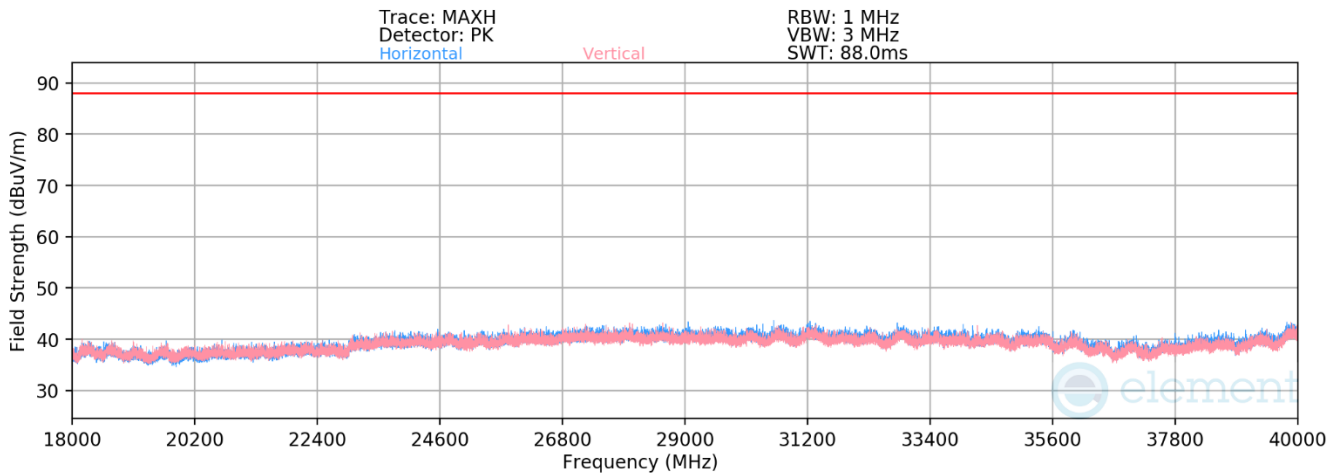
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13750.00	Average	H	-	-	-83.42	21.90	45.48	68.23	-22.75
13750.00	Peak	H	-	-	-71.65	21.78	57.13	88.23	-31.10

Table 7-209. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 414 of 567



Plot 7-1261. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 189)



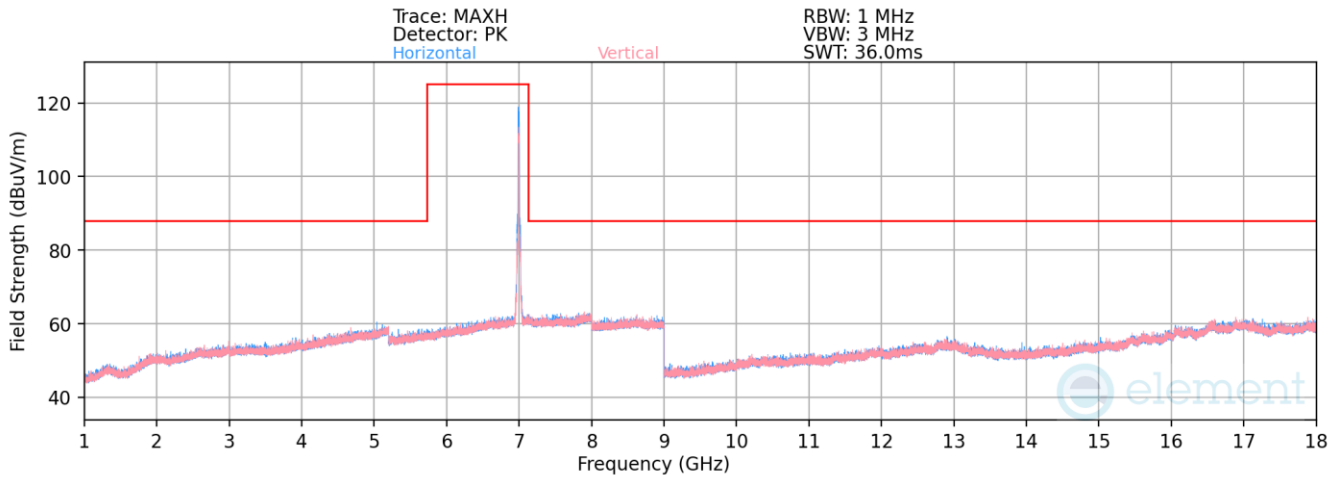
Plot 7-1262. Radiated Spurious Emissions 18-40GHz SDM Primary (802.11ax – Ch. 189)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6895MHz
 Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
13790.00	Average	H	-	-	-83.89	22.18	45.29	68.23	-22.94
13790.00	Peak	H	-	-	-72.27	22.18	56.91	88.23	-31.32

Table 7-210. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device		Page 415 of 567



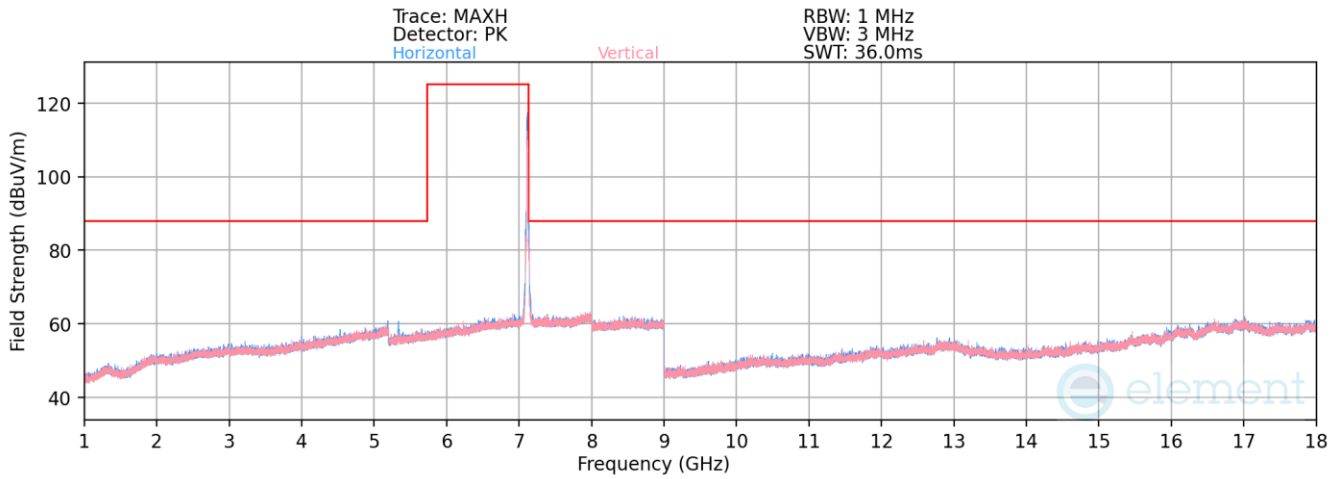
Plot 7-1263. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 209)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6995MHz
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
13990.00	Average	H	-	-	-84.25	22.31	45.06	68.23	-23.17
13990.00	Peak	H	-	-	-73.16	22.21	56.05	88.23	-32.18

Table 7-211. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 416 of 567



Plot 7-1264. Radiated Spurious Emissions SDM Primary (802.11ax – Ch. 233)

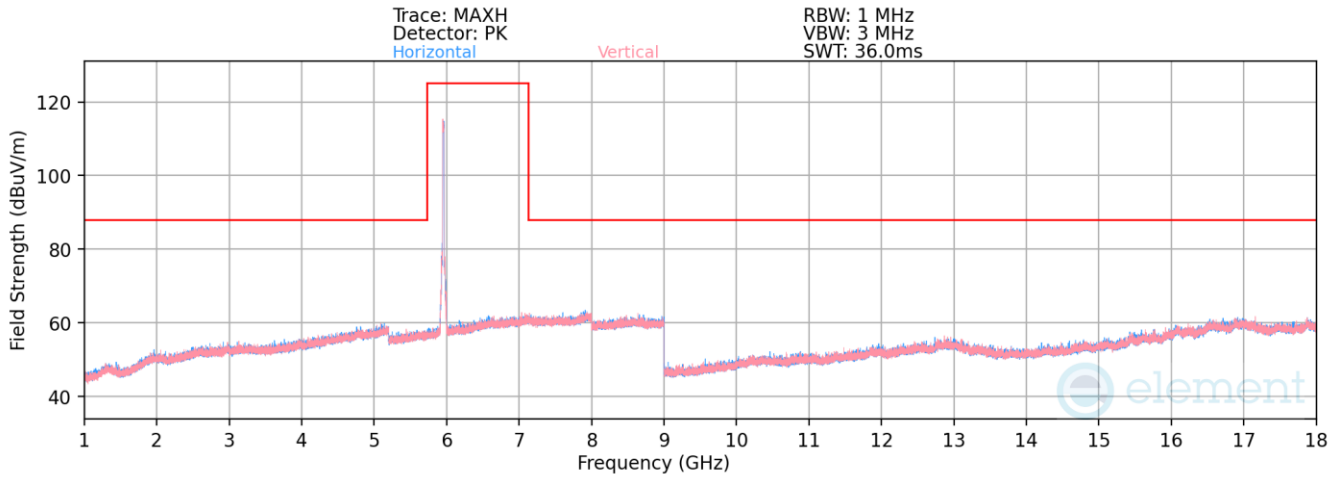
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 7115MHz
 Channel: 233

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
14230.00	Average	H	-	-	-85.00	22.88	44.88	68.23	-23.35
14230.00	Peak	H	-	-	-72.53	22.37	56.84	88.23	-31.39

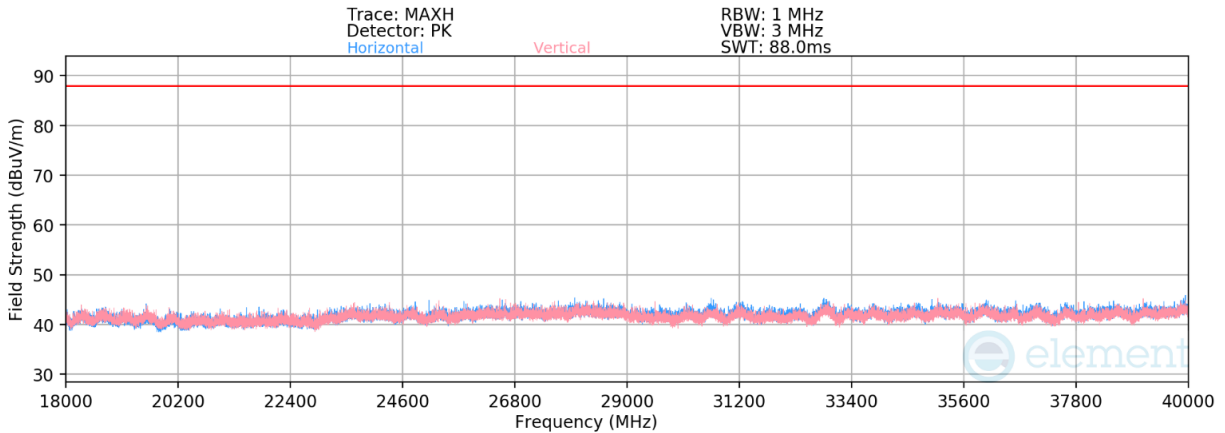
Table 7-212. Radiated Spurious Emission Measurements SDM Primary

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 417 of 567

7.7.5 SDM Diversity Radiated Spurious Emission



Plot 7-1265. Radiated Spurious Emissions SDM Diversity (802.11ax – Ch. 1)



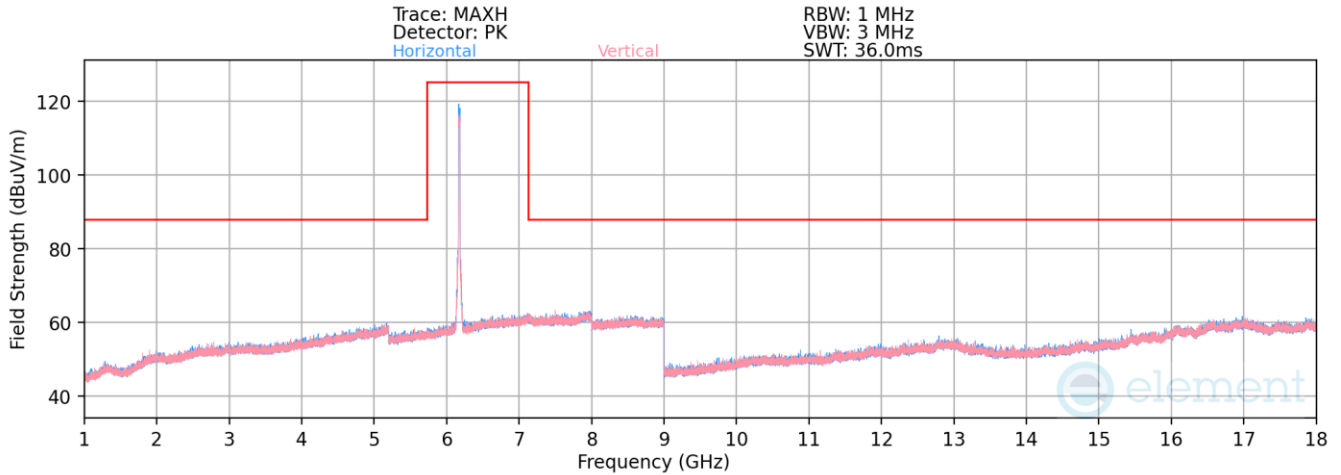
Plot 7-1266. Radiated Spurious Emissions 18-40GHz SDM Diversity (802.11ax – Ch. 1)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 5955MHz
 Channel: 1

	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]
*	11910.00	Average	H	-	-	-85.27	20.12	41.84	53.98	-12.14
*	11910.00	Peak	H	-	-	-73.84	20.38	53.54	73.98	-20.44
*	17865.00	Average	V	-	-	-86.17	25.12	45.95	53.98	-8.03
*	17865.00	Peak	V	-	-	-74.66	25.31	57.65	73.98	-16.33

Table 7-213. Radiated Spurious Emission Measurements SDM Diversity

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 418 of 567



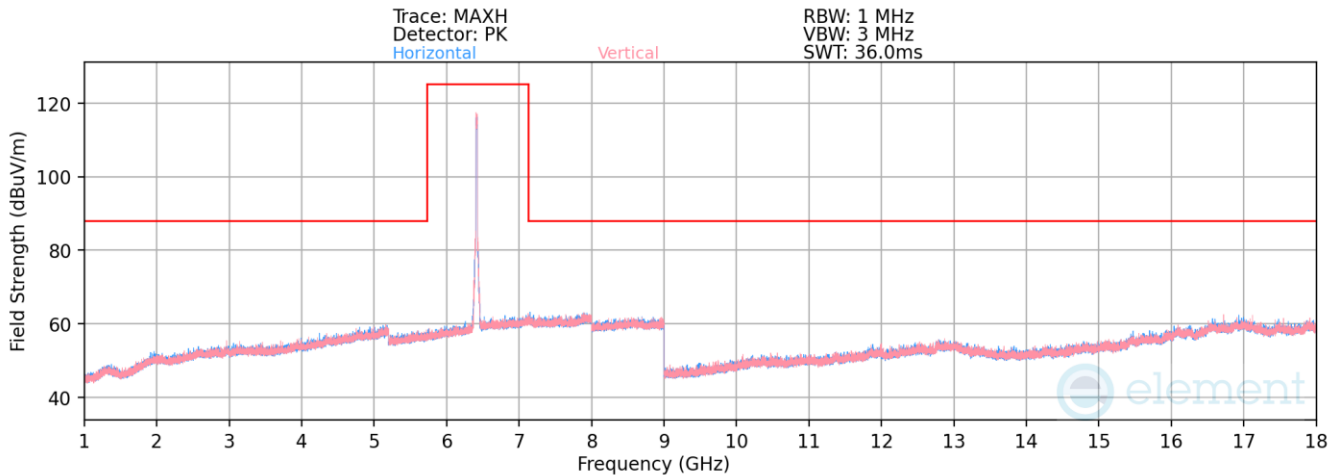
Plot 7-1267. Radiated Spurious Emissions SDM Diversity (802.11ax – Ch. 45)

Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6175MHz
 Channel: 45

	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]
*	12350.00	Average	V	-	-	-85.96	20.83	41.88	53.98	-12.10
*	12350.00	Peak	V	-	-	-74.23	20.86	53.64	73.98	-20.34

Table 7-214. Radiated Spurious Emission Measurements SDM Diversity

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 419 of 567



Plot 7-1268. Radiated Spurious Emissions SDM Diversity (802.11ax – Ch. 93)

Mode: 802.11ax
 Data Rate: MCS2
 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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12830.00	Average	V	-	-	-86.05	22.43	43.38	68.23	-24.85
12830.00	Peak	V	-	-	-74.24	22.43	55.18	88.23	-33.05

Table 7-215. Radiated Spurious Emission Measurements SDM Diversity

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 420 of 567