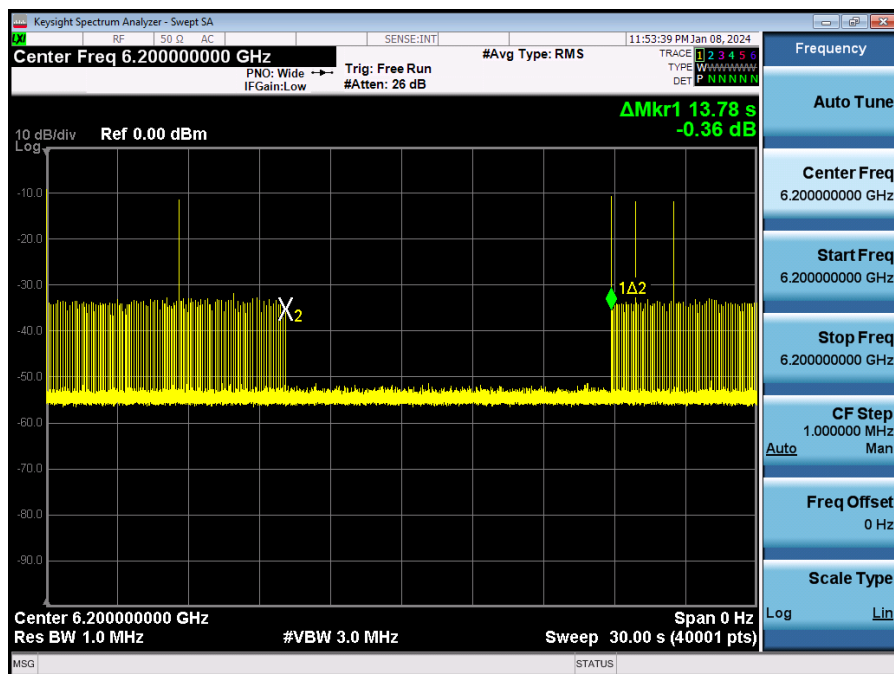
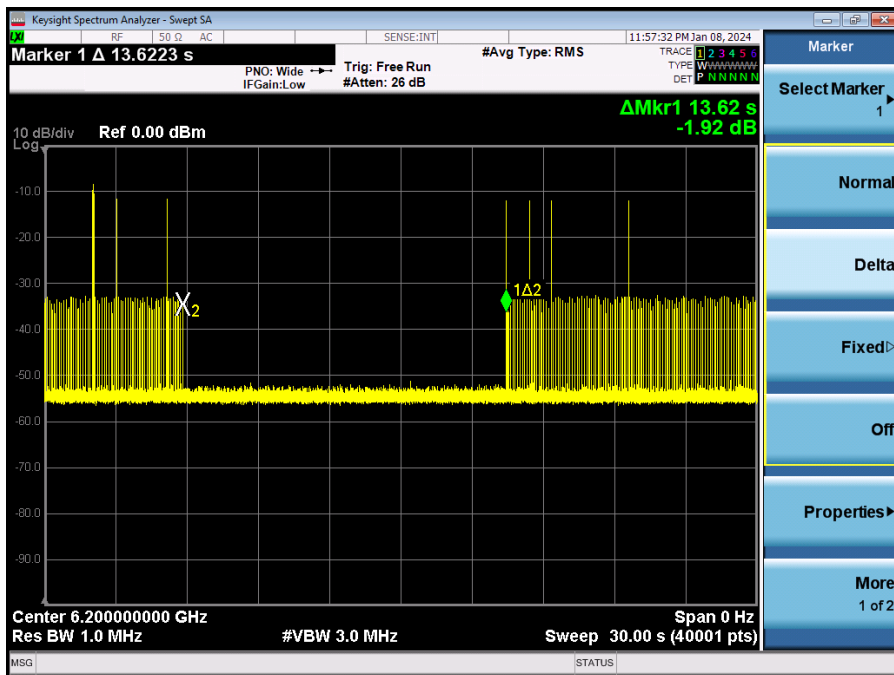


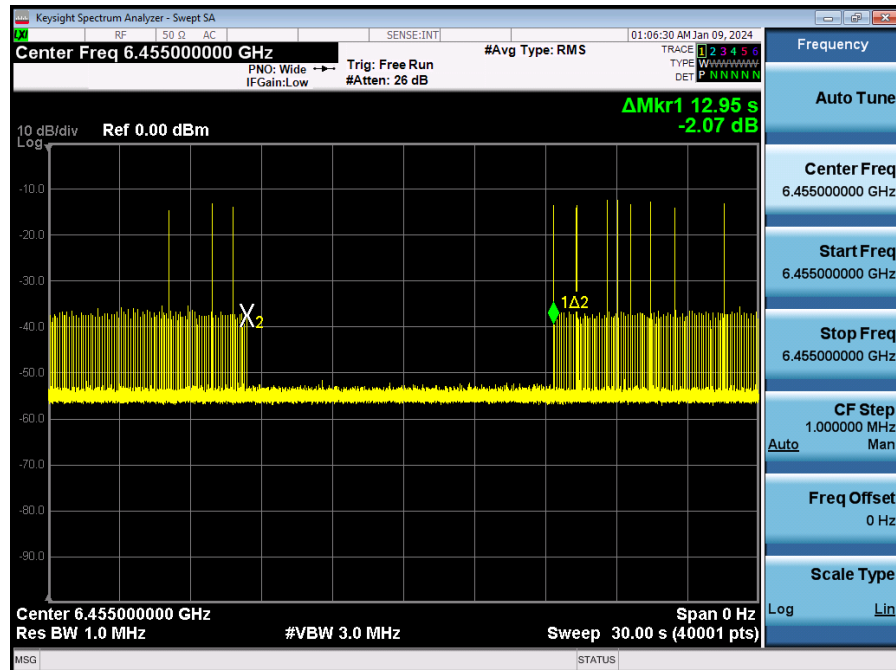


Plot 7-915. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – Mid

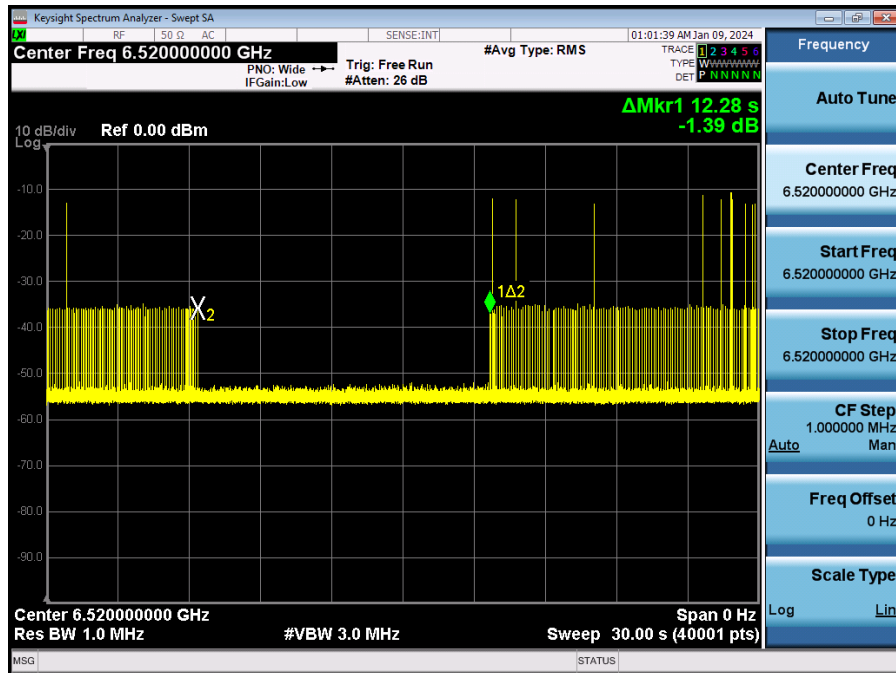


Plot 7-916. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – High

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 243 of 384

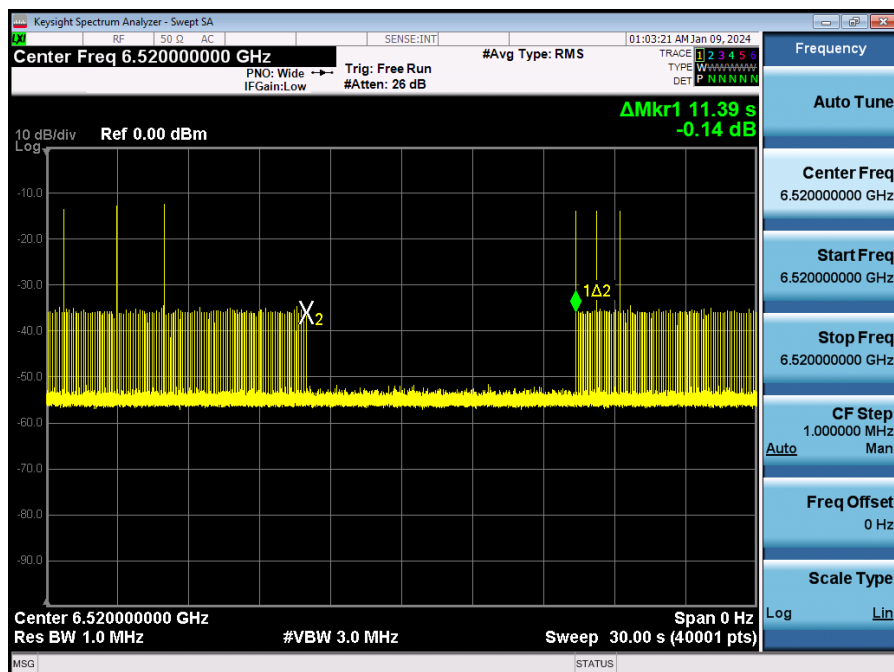


Plot 7-917. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Channel 101

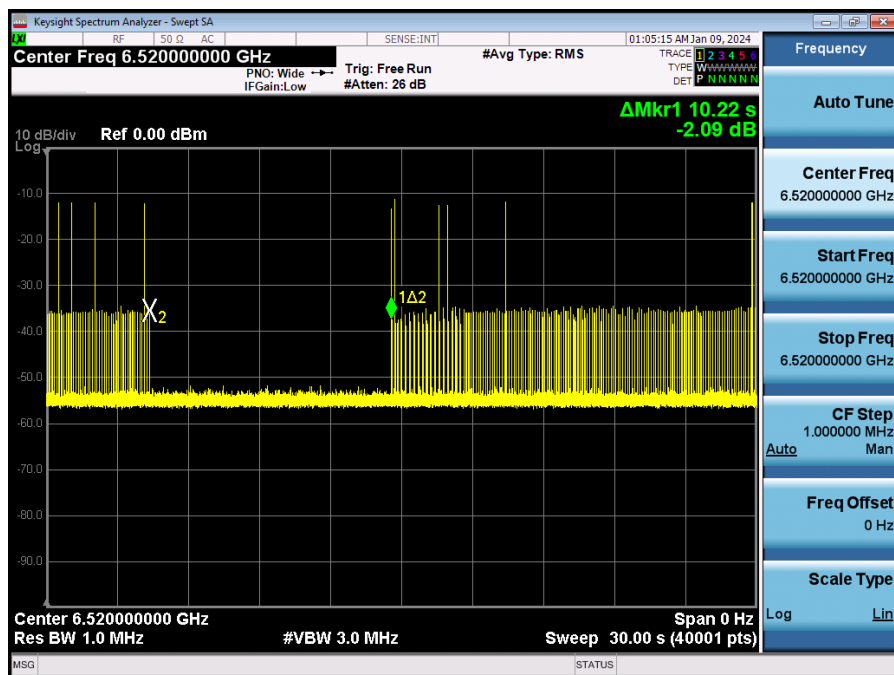


Plot 7-918. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Low

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 244 of 384

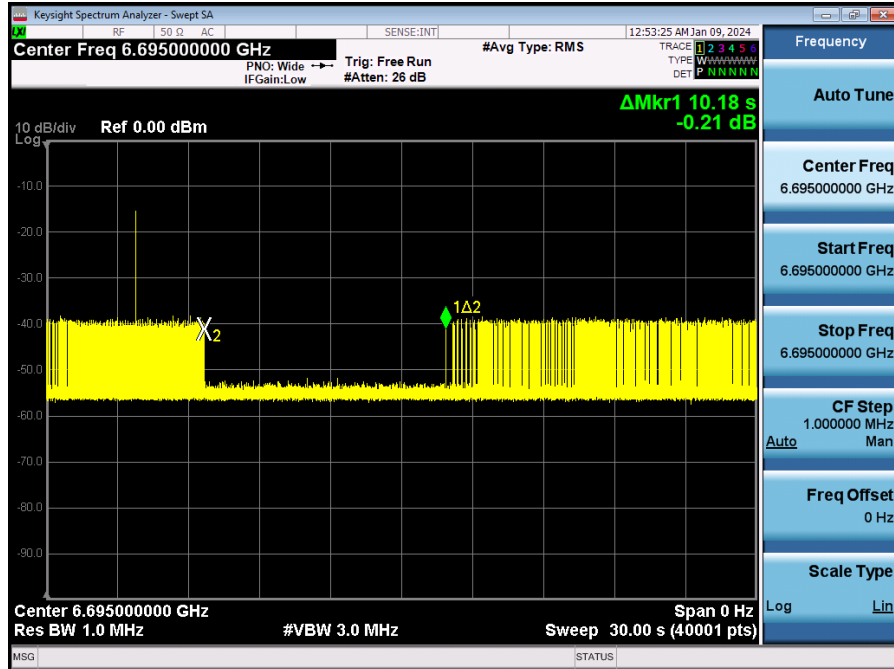


Plot 7-919. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Mid

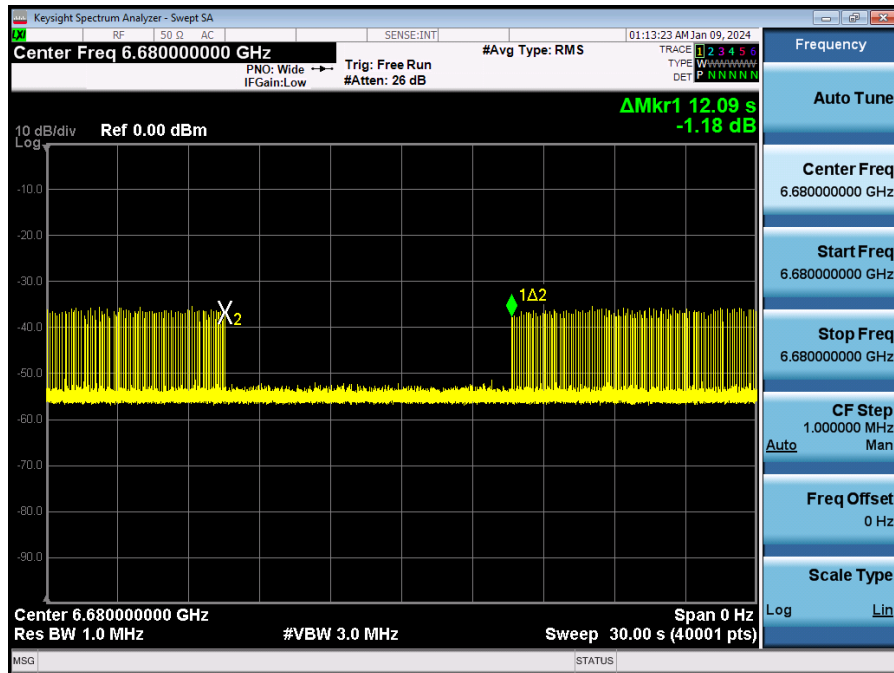


Plot 7-920. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – High

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 245 of 384

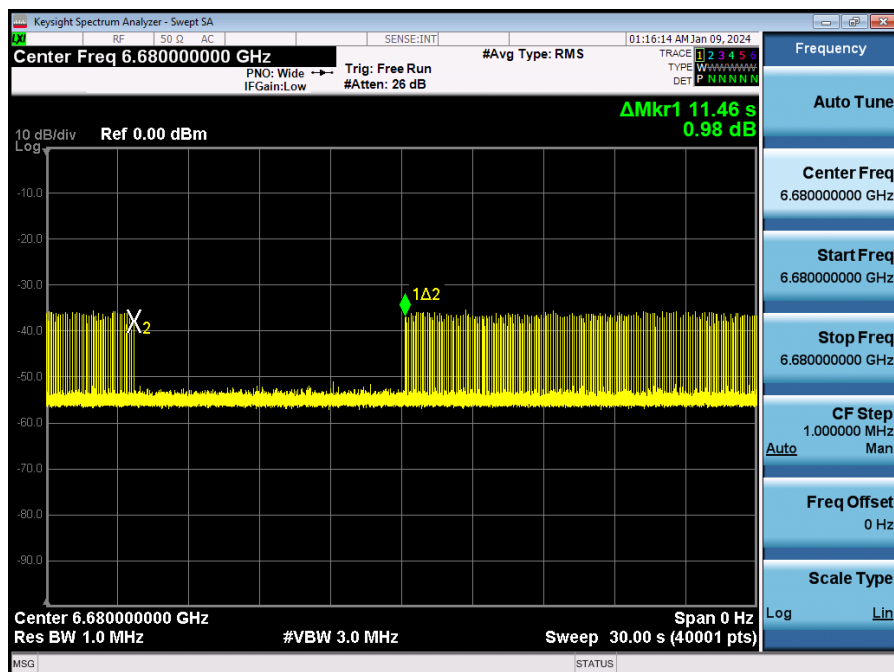


Plot 7-921. Contention Based Protocol Timing Plot – UNII 7 – 20MHz Channel 149

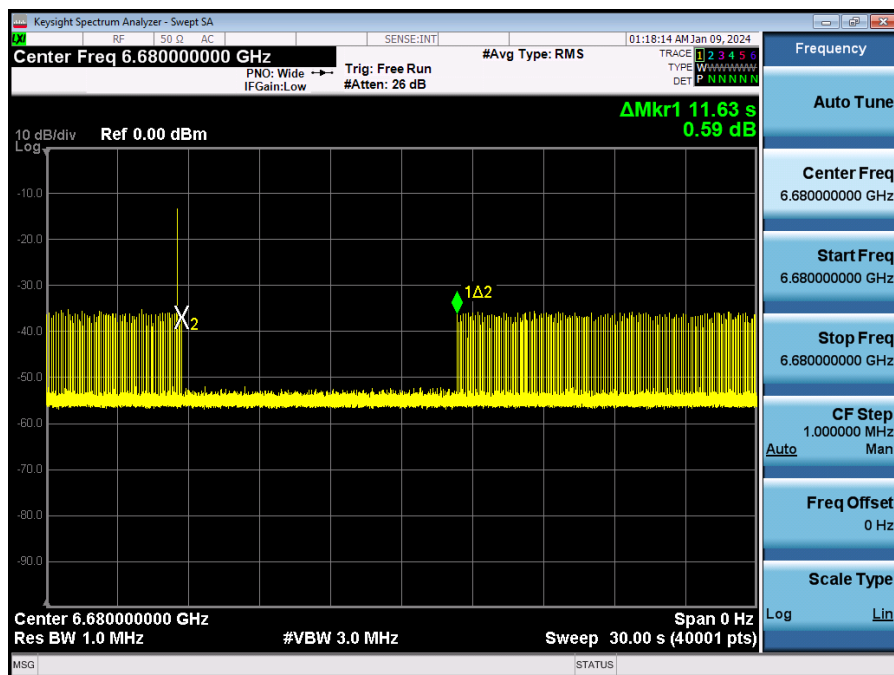


Plot 7-922. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Low

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 246 of 384

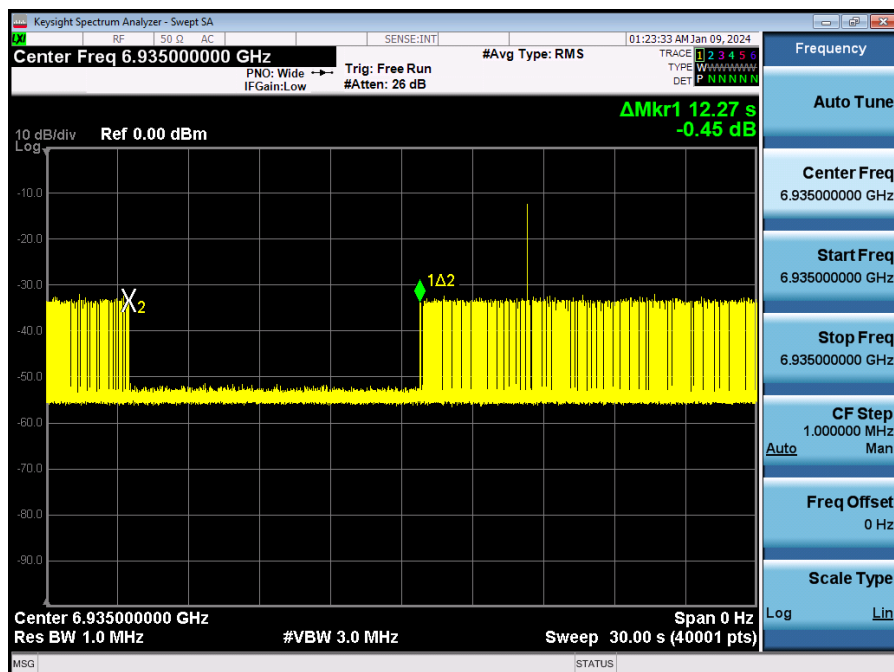


Plot 7-923. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Mid

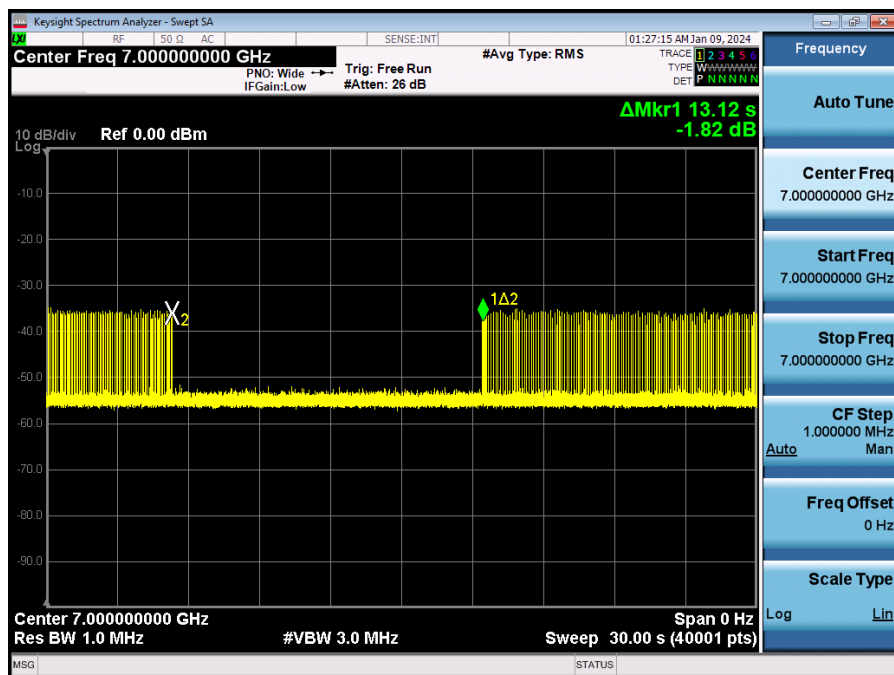


Plot 7-924. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – High

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 247 of 384

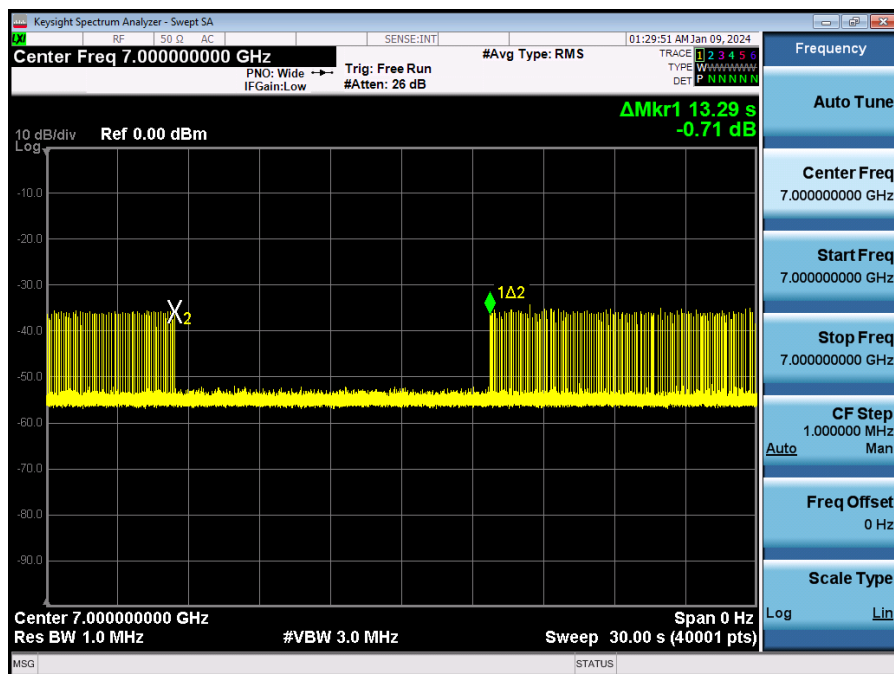


Plot 7-925. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Channel 197

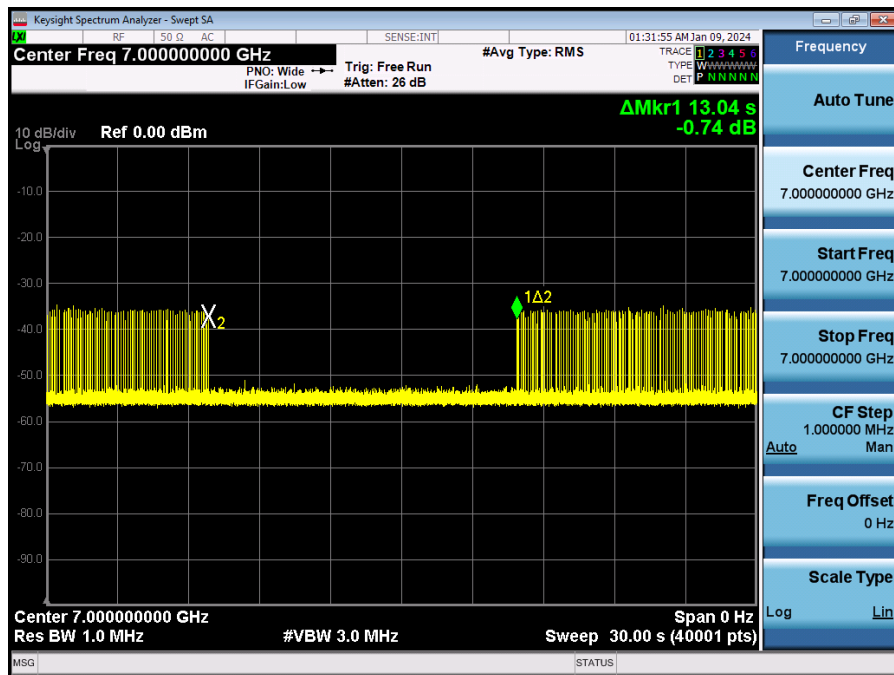


Plot 7-926. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Low

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 248 of 384



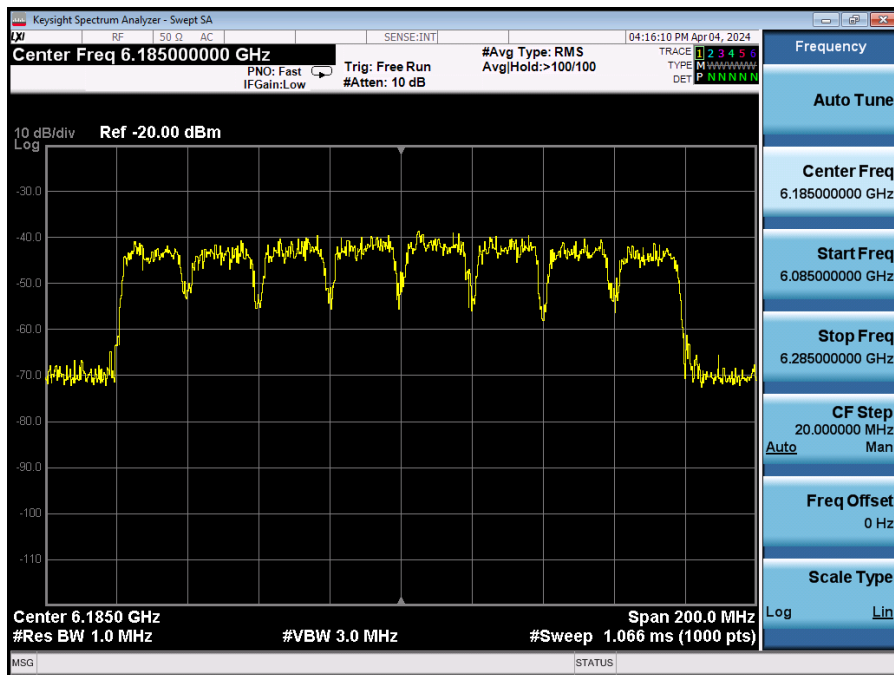
Plot 7-927. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Mid



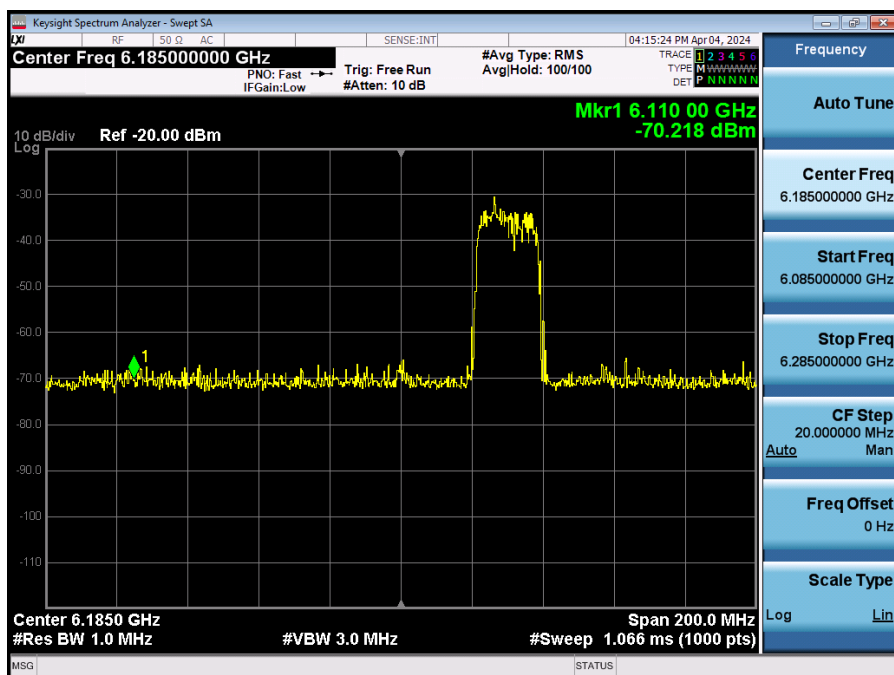
Plot 7-928. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – High

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 249 of 384

CBP Bandwidth Reduction Plots



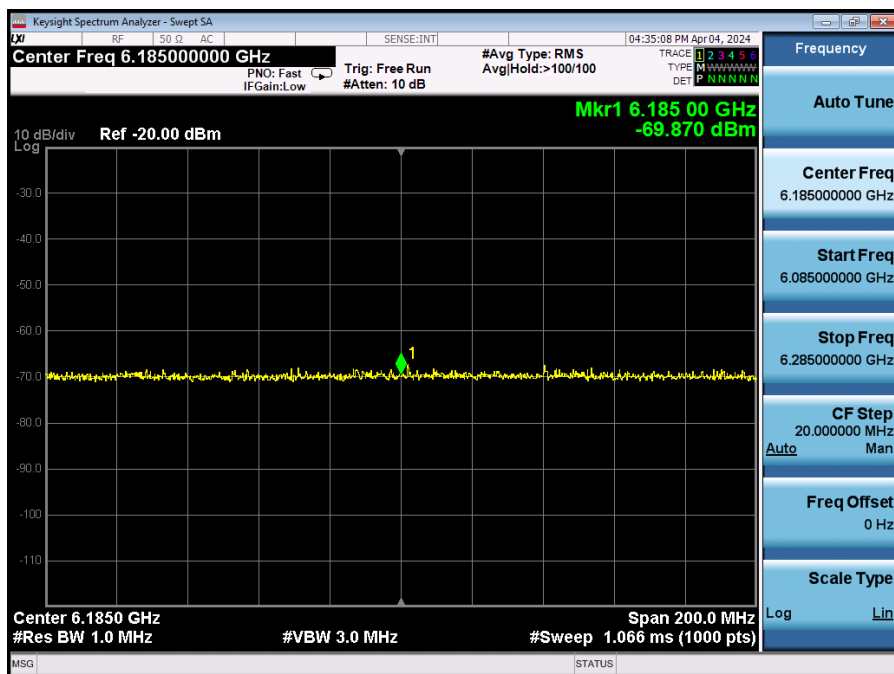
Plot 7-929. 160MHz Bandwidth – Before AWGN Signal Injected – Channel 47



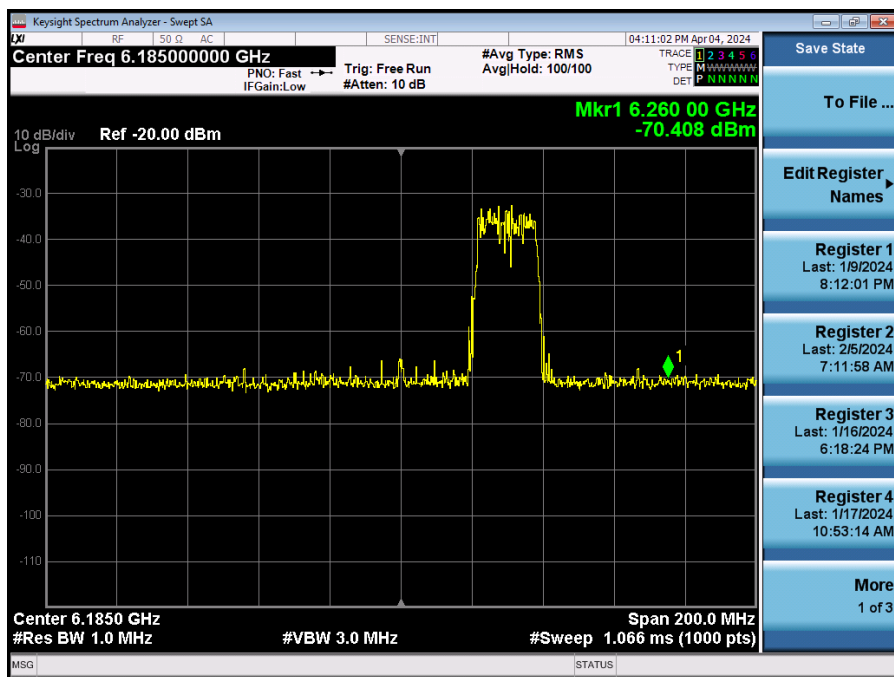
Plot 7-930. 160MHz Bandwidth – AWGN Signal Injected at Low End – Channel 47

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 250 of 384

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Plot 7-931. 160MHz Bandwidth – AWGN Signal Injected at Center – Channel 47



Plot 7-932. 160MHz Bandwidth – AWGN Signal Injected at High End – Channel 47

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 251 of 384

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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. RU26, RU52, RU106, RU242, RU484, RU996 and RU996x2), 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 [μV/m]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-98. 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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Test Setup

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

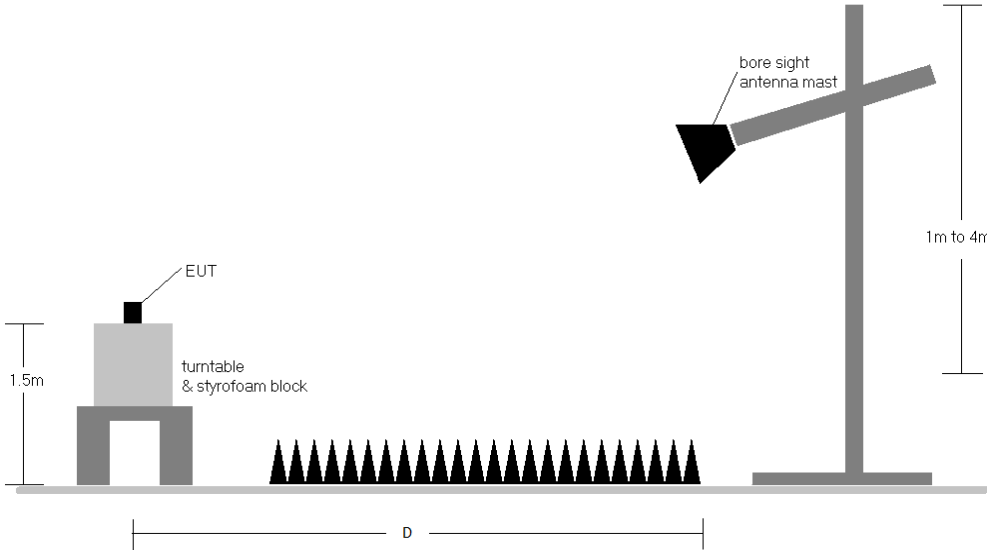


Figure 7-6. Test Instrument & Measurement Setup

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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 7-98.
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 7-98. 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. 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.
5. 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.
6. 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.
7. All data rates were investigated and only the worse case is reported
8. The unit was tested with all possible modes and only the highest emission is reported.
9. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
10. All radiated measurements were tested at the highest supported power setting per band.

Sample Calculations

Determining Spurious Emissions Levels

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

Radiated Band Edge Measurement Offset

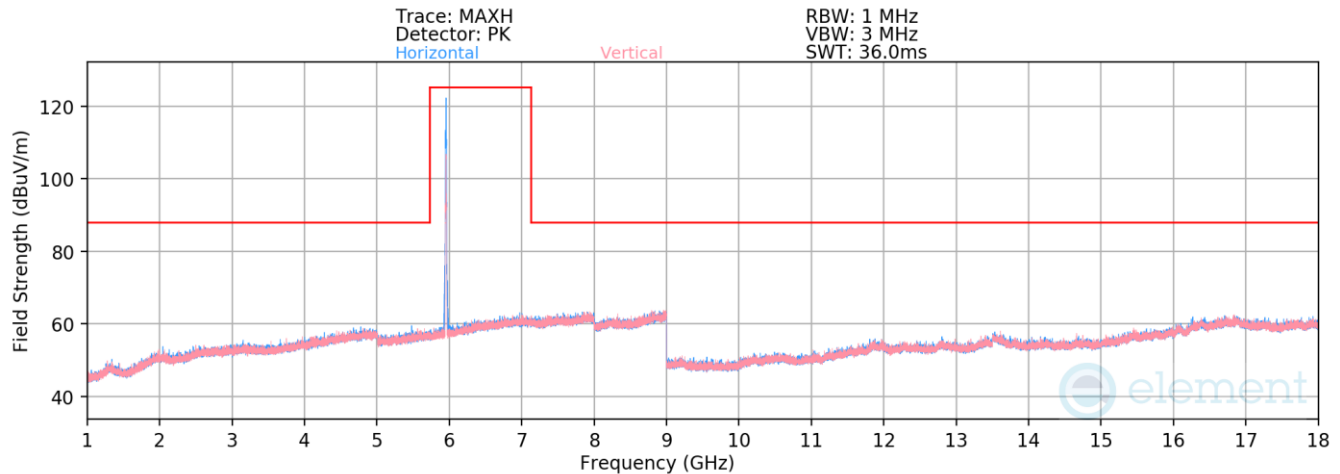
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.4, 7.7.5, and 7.7.6 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

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7.7.1 Antenna WF8 Radiated Spurious Emission

RU26



Plot 7-933. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 1 – RU26)

Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5955MHz
Channel: 1

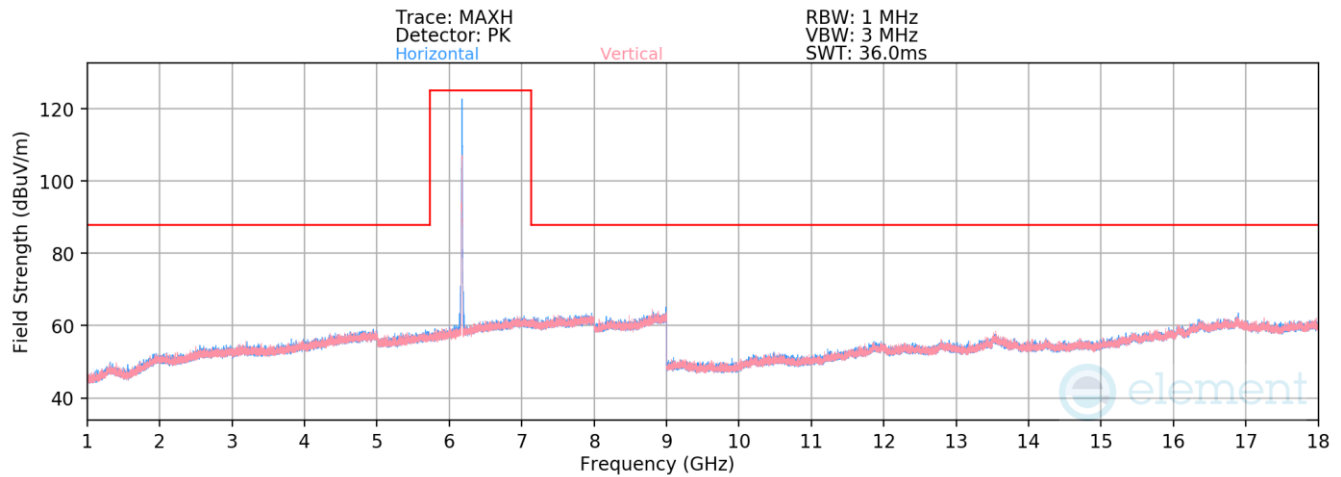
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11910.00	Peak	V	-	-	-72.66	20.38	54.72	73.98	-19.26
* 11910.00	Average	V	-	-	-83.92	20.12	43.19	53.98	-10.79
* 17865.00	Peak	H	-	-	-74.62	22.53	54.91	73.98	-19.07
* 17865.00	Average	H	-	-	-85.85	22.53	43.68	53.98	-10.30

Table 7-99. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 255 of 384

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Plot 7-934. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 45 – RU26)

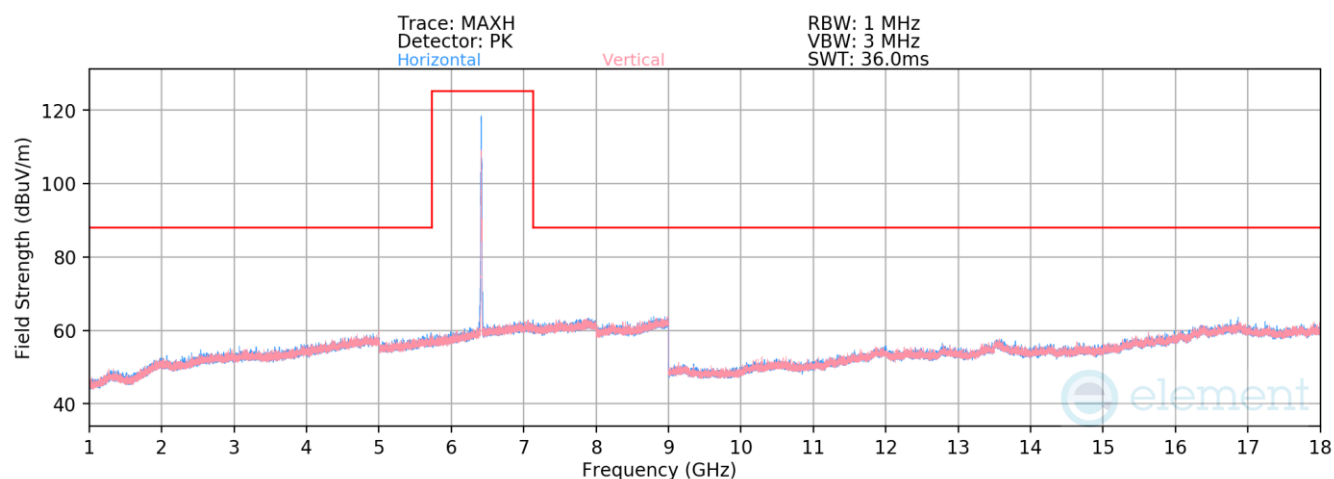
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6175MHz
Channel: 45

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	Peak	V	-	-	-73.15	20.73	54.59	73.98	-19.39
* 12350.00	Average	V	-	-	-84.64	20.83	43.19	53.98	-10.79

Table 7-100. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 256 of 384

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Plot 7-935. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 93 – RU26)

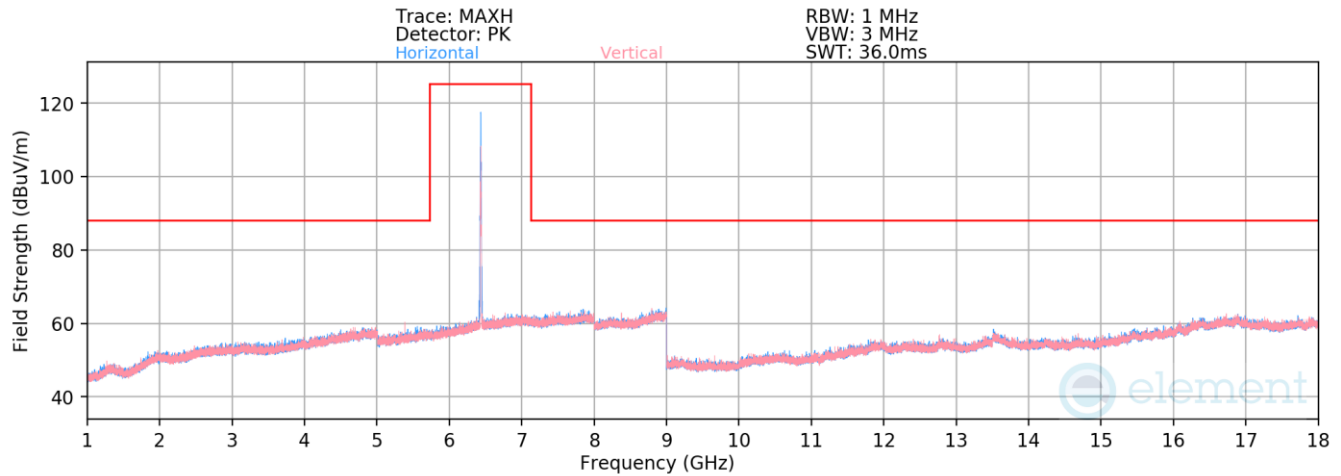
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6415MHz
Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12830.00	Peak	H	-	-	-73.39	22.43	56.03	88.23	-32.20
12830.00	Average	H	-	-	-85.13	22.43	44.30	68.23	-23.93

Table 7-101. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 257 of 384

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Plot 7-936. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 97 – RU26)

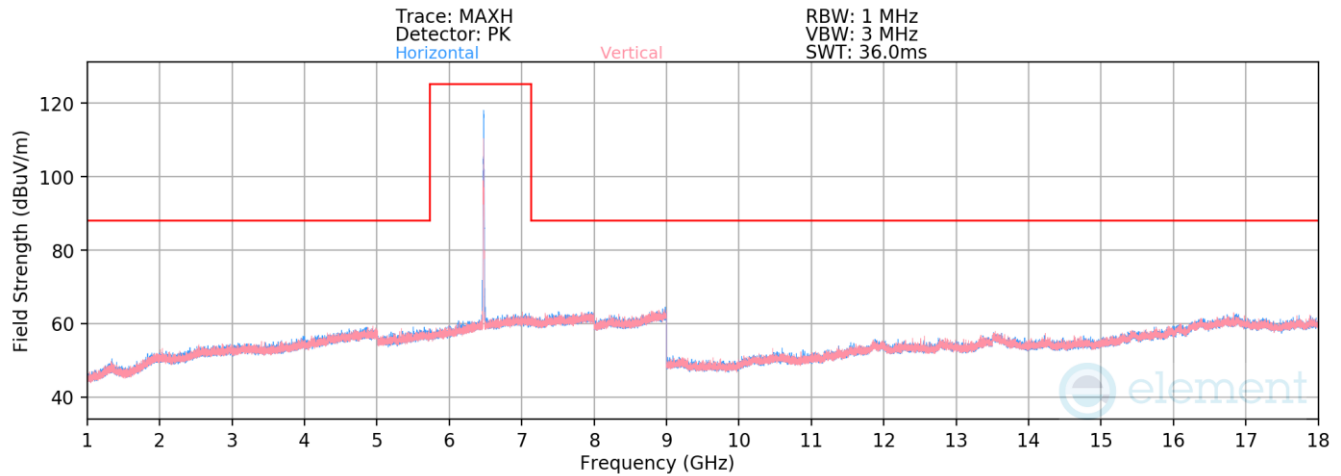
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6435MHz
Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12870.00	Peak	V	-	-	-72.70	21.68	55.98	88.23	-32.25
12870.00	Average	V	-	-	-84.87	21.68	43.81	68.23	-24.42

Table 7-102. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 258 of 384

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Plot 7-937. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 105 – RU26)

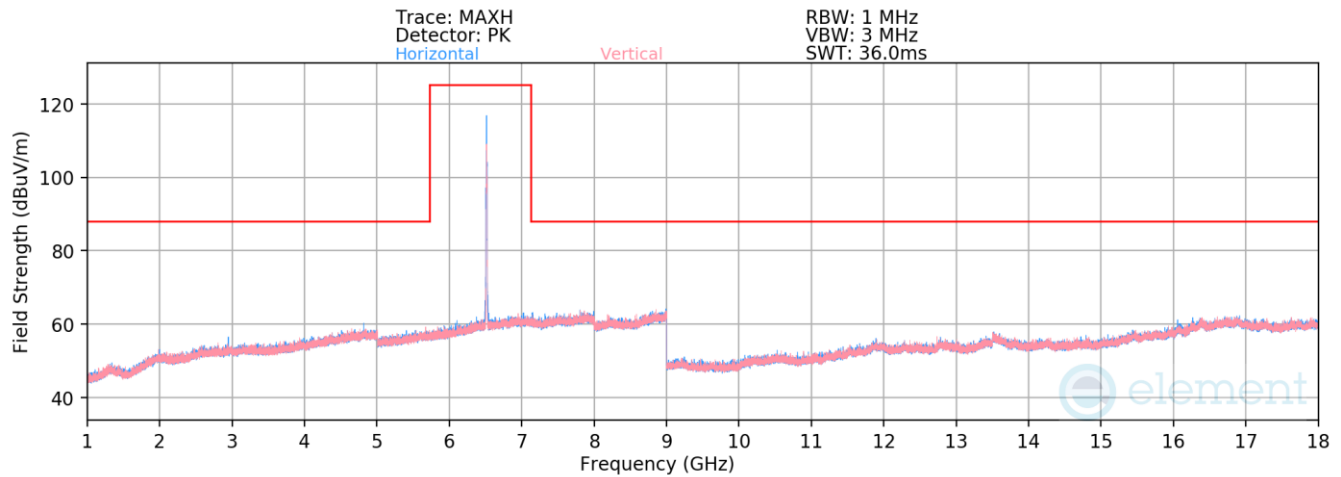
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6475MHz
Channel: 105

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	Peak	H	-	-	-72.97	21.76	55.79	88.23	-32.44
12950.00	Average	H	-	-	-84.75	21.76	44.01	68.23	-24.22

Table 7-103. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 259 of 384

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Plot 7-938. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 113 – RU26)

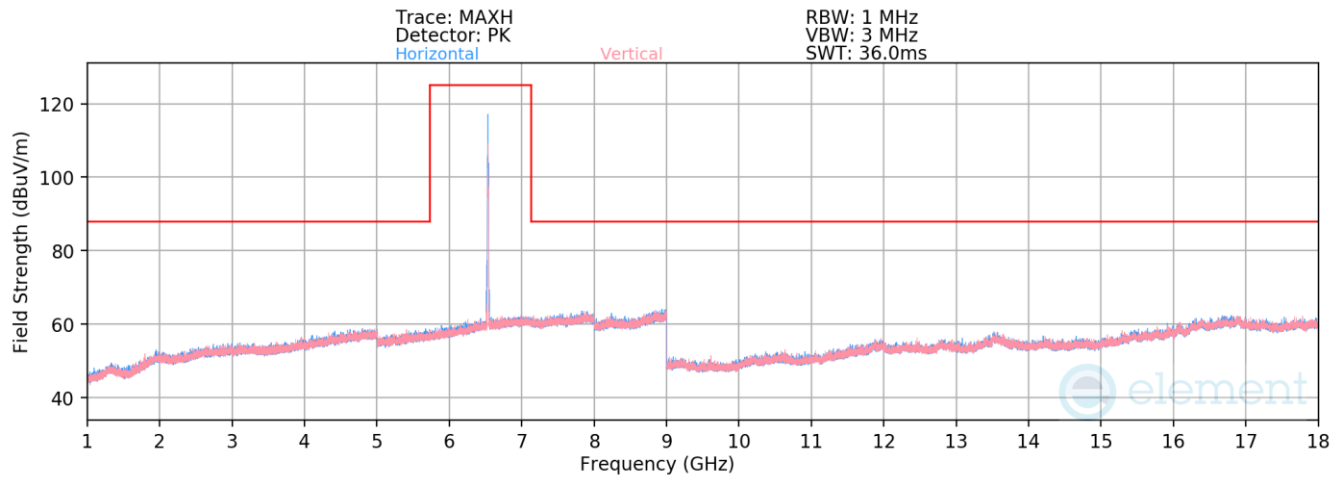
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6515MHz
Channel: 113

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	Peak	V	-	-	-73.68	22.06	55.38	88.23	-32.85
13030.00	Average	V	-	-	-85.13	22.06	43.93	68.23	-24.30

Table 7-104. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-939. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 117 – RU26)

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

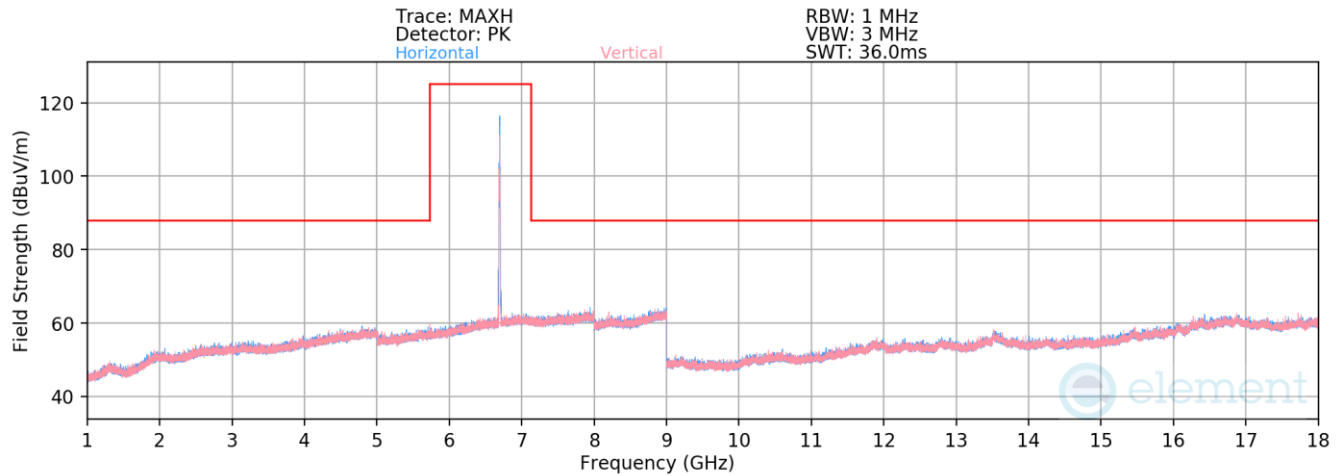
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13070.00	Peak	H	-	-	-73.51	21.52	55.01	88.23	-33.22
13070.00	Average	H	-	-	-84.95	21.52	43.57	68.23	-24.66

Table 7-105. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 261 of 384

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Plot 7-940. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 149 – RU26)

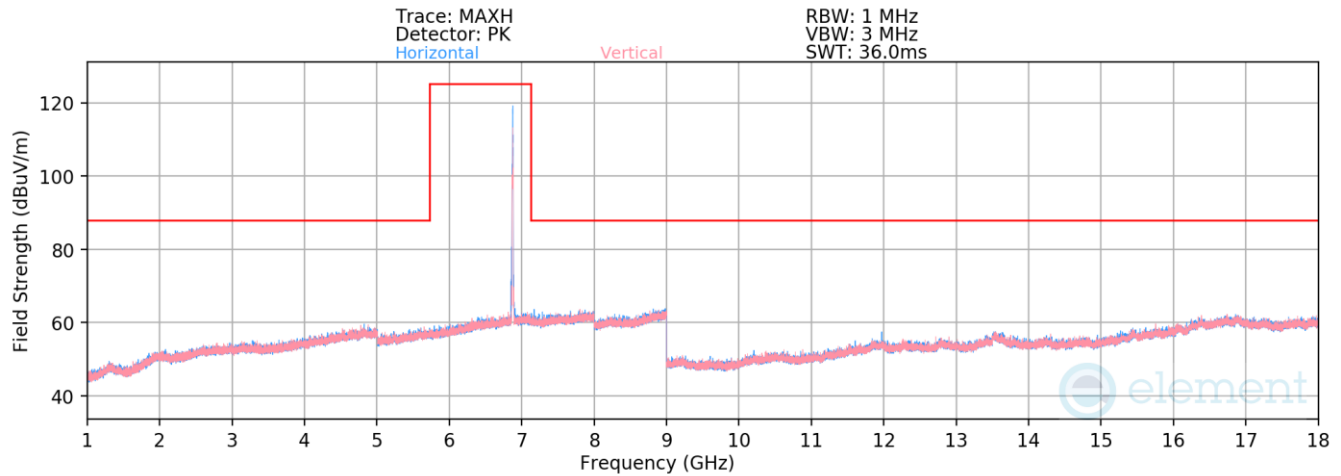
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6695MHz
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 13390.00	Peak	H	-	-	-73.12	22.47	56.35	73.98	-17.63
* 13390.00	Average	H	-	-	-84.67	22.37	44.70	53.98	-9.28

Table 7-106. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 262 of 384

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Plot 7-941. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 185 – RU26)

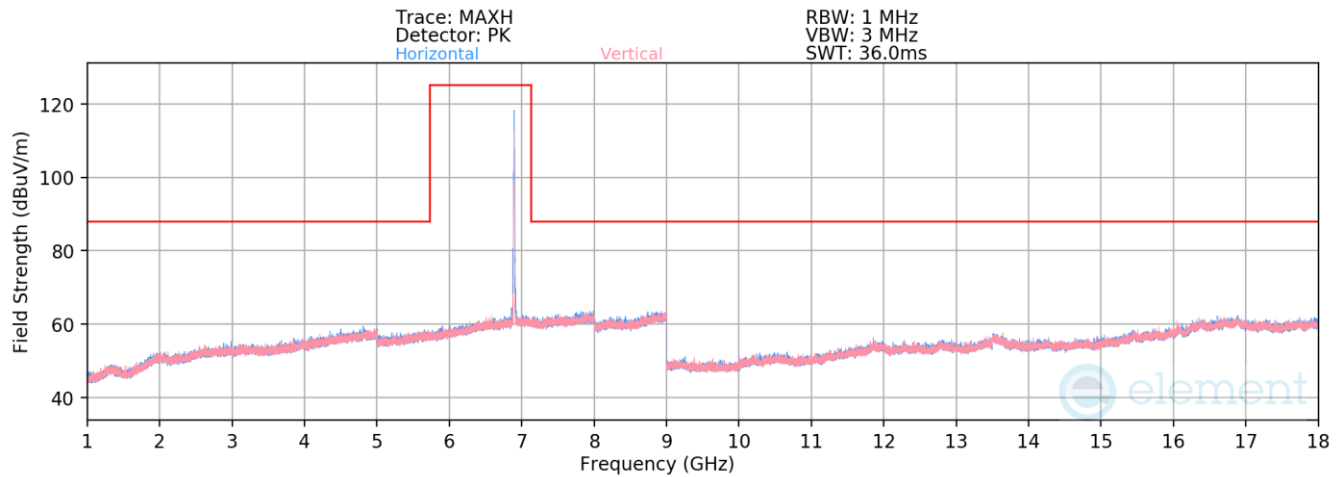
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6875MHz
Channel: 185

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	Peak	H	-	-	-76.73	21.35	51.62	88.23	-36.61
13750.00	Average	H	-	-	-87.97	21.35	40.38	68.23	-27.85

Table 7-107. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 263 of 384

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Plot 7-942. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 189 – RU26)

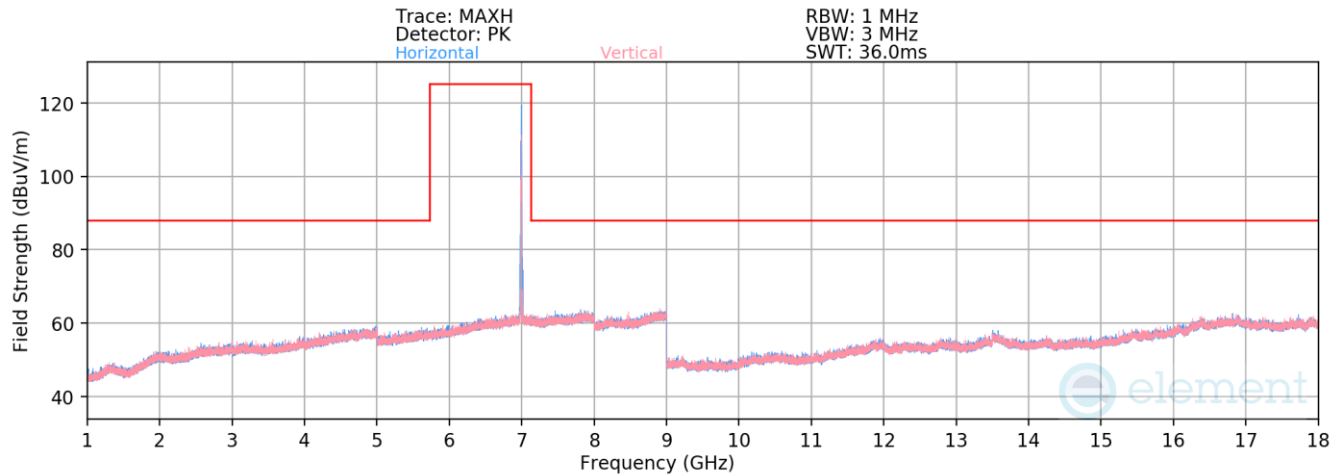
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6895MHz
Channel: 189

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	Peak	H	-	-	-76.87	21.82	51.95	88.23	-36.28
13790.00	Average	H	-	-	-88.09	21.82	40.73	68.23	-27.50

Table 7-108. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 264 of 384

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Plot 7-943. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 209 – RU26)

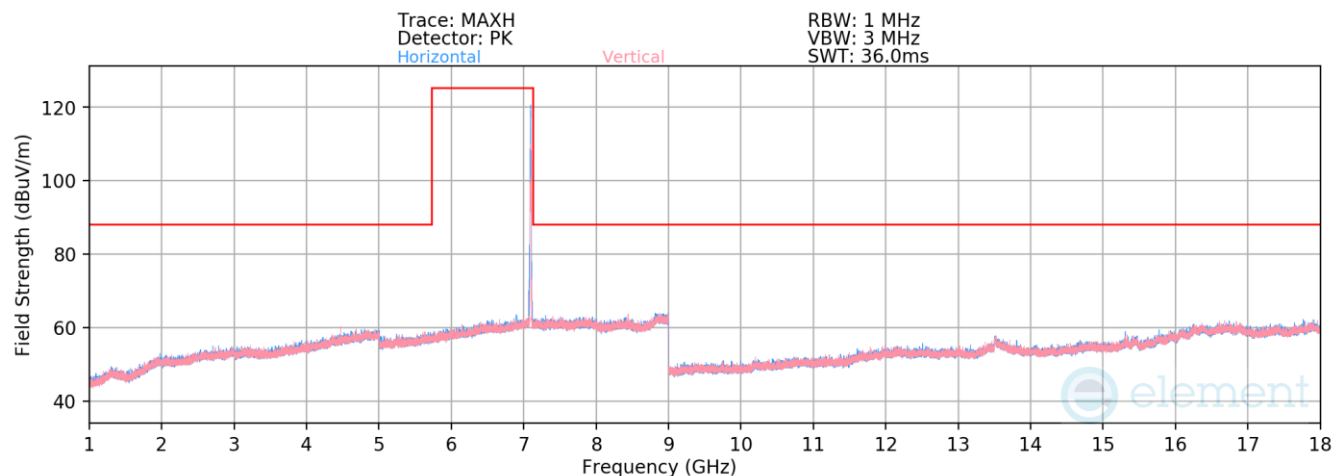
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6995MHz
Channel: 209

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	Peak	H	-	-	-76.74	21.77	52.03	88.23	-36.20
13990.00	Average	H	-	-	-88.19	21.77	40.58	68.23	-27.65

Table 7-109. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 265 of 384

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Plot 7-944. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 229 – RU26)

Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 7095MHz
Channel: 229

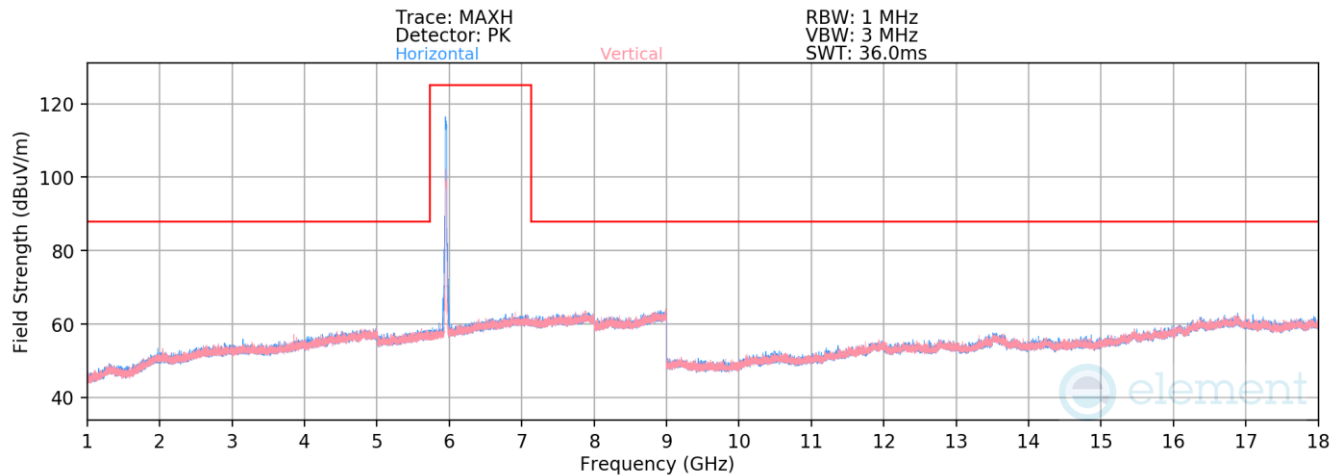
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
14190.00	Peak	V	-	-	-73.40	21.94	55.54	88.23	-32.69
14190.00	Average	V	-	-	-85.63	21.94	43.30	68.23	-24.93

Table 7-110. Radiated Spurious Emission Measurements Antenna WF8 – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 266 of 384

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RU242



Plot 7-945. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 1 – RU242)

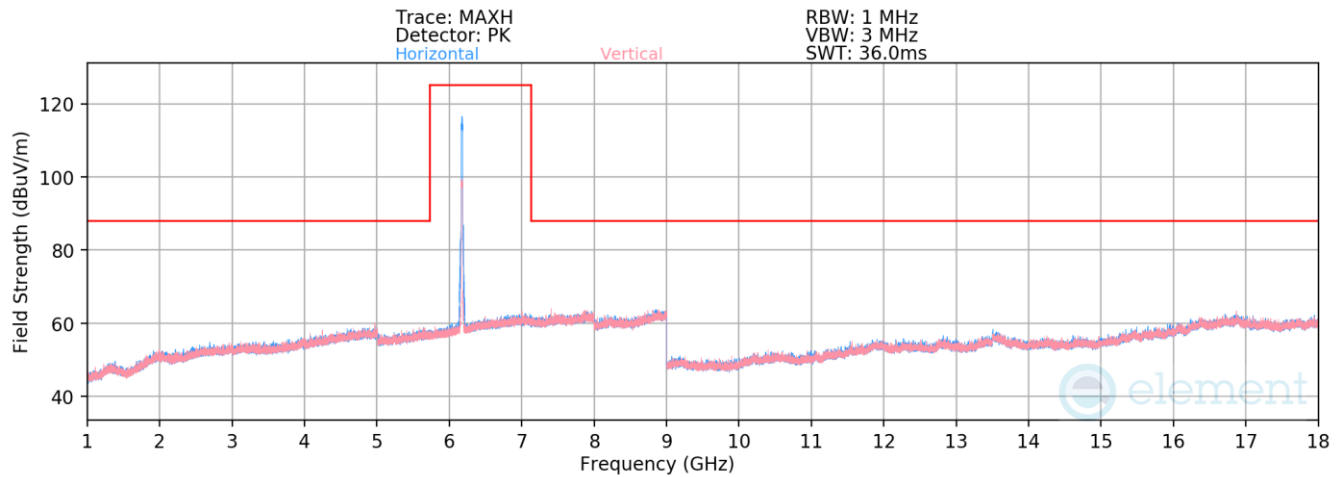
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5955MHz
Channel: 1

	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	Peak	H	-	-	-71.50	20.38	55.88	73.98	-18.10
*	11910.00	Average	H	-	-	-83.87	20.30	43.43	53.98	-10.55
*	17865.00	Peak	V	-	-	-74.83	22.53	54.70	73.98	-19.28
*	17865.00	Average	V	-	-	-86.54	22.53	42.99	53.98	-10.99

Table 7-111. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 267 of 384

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Plot 7-946. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 45 – RU242)

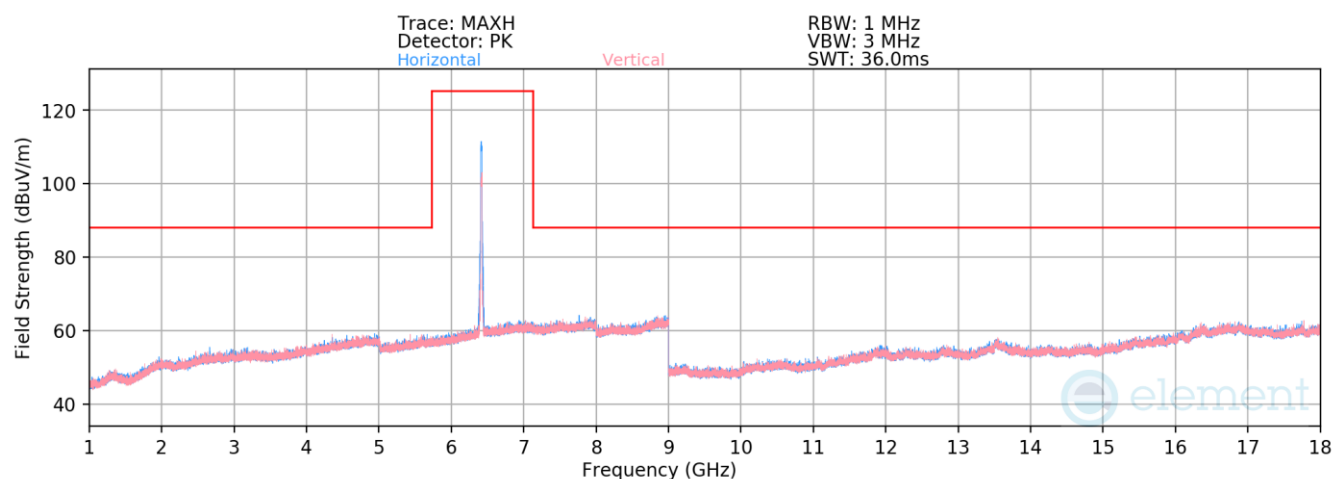
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6175MHz
Channel: 45

	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	Peak	V	-	-	-73.01	20.73	54.72	73.98	-19.26
*	12350.00	Average	V	-	-	-84.83	20.83	43.01	53.98	-10.97

Table 7-112. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 268 of 384

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Plot 7-947. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 93 – RU242)

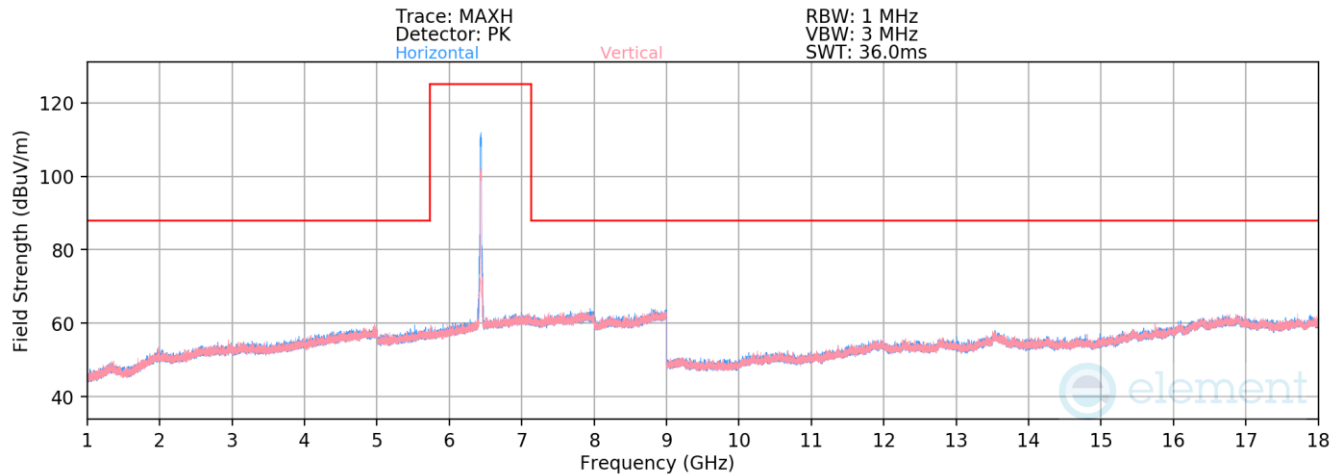
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6415MHz
Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12830.00	Peak	V	-	-	-73.06	22.43	56.36	88.23	-31.87
12830.00	Average	V	-	-	-85.36	22.43	44.06	68.23	-24.17

Table 7-113. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 269 of 384

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Plot 7-948. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 97 – RU242)

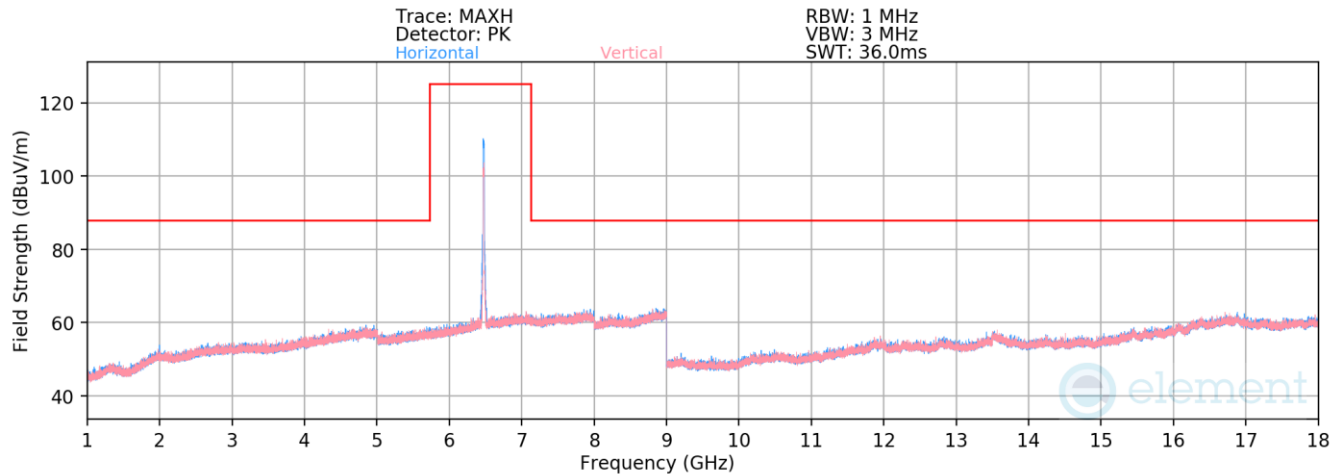
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6435MHz
Channel: 97

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	Peak	H	-	-	-72.88	21.90	56.02	88.23	-32.21
12870.00	Average	H	-	-	-84.82	21.90	44.08	68.23	-24.15

Table 7-114. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 270 of 384

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Plot 7-949. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 105 – RU242)

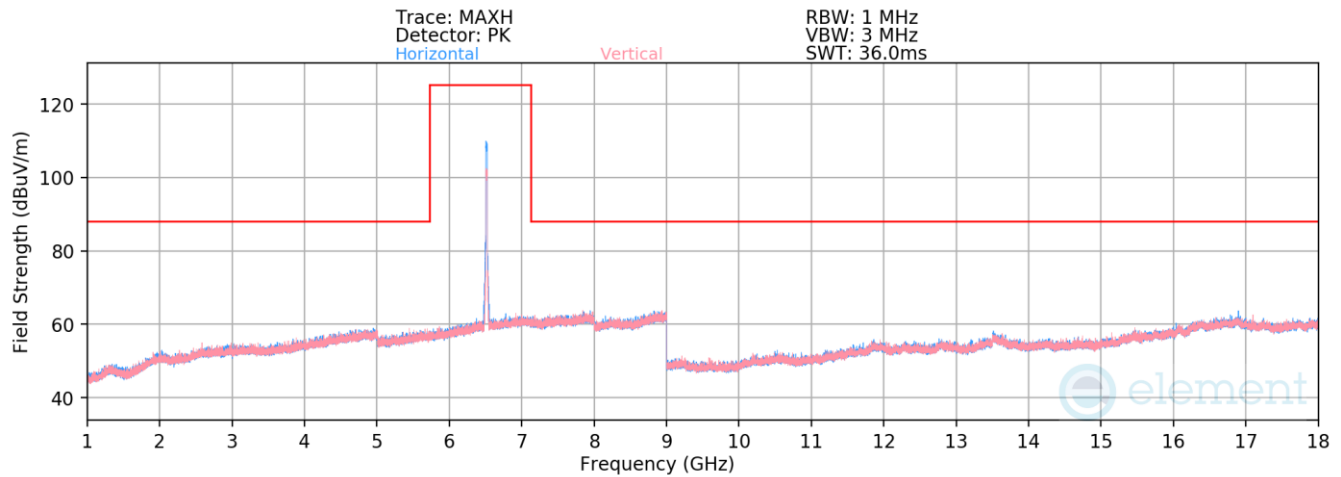
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6475MHz
Channel: 105

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	Peak	H	-	-	-72.74	21.76	56.02	88.23	-32.21
12950.00	Average	H	-	-	-84.74	21.76	44.02	68.23	-24.21

Table 7-115. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 271 of 384

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Plot 7-950. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 113 – RU242)

Mode: 802.11ax

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 6515MHz

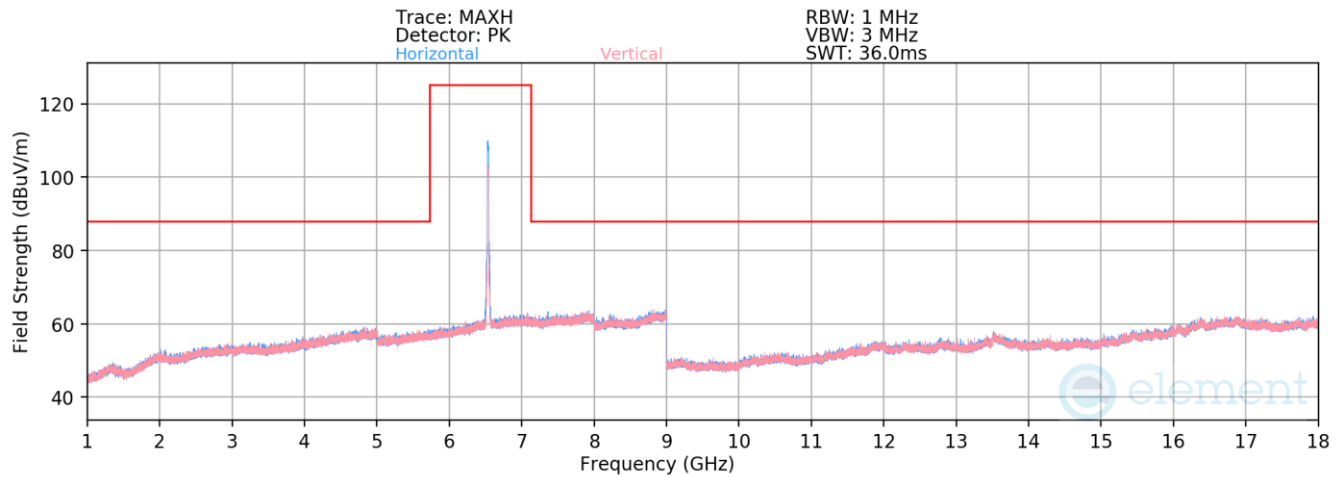
Channel: 113

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	Peak	V	-	-	-73.21	22.06	55.85	88.23	-32.38
13030.00	Average	V	-	-	-85.16	22.06	43.90	68.23	-24.33

Table 7-116. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 272 of 384

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Plot 7-951. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 117 – RU242)

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

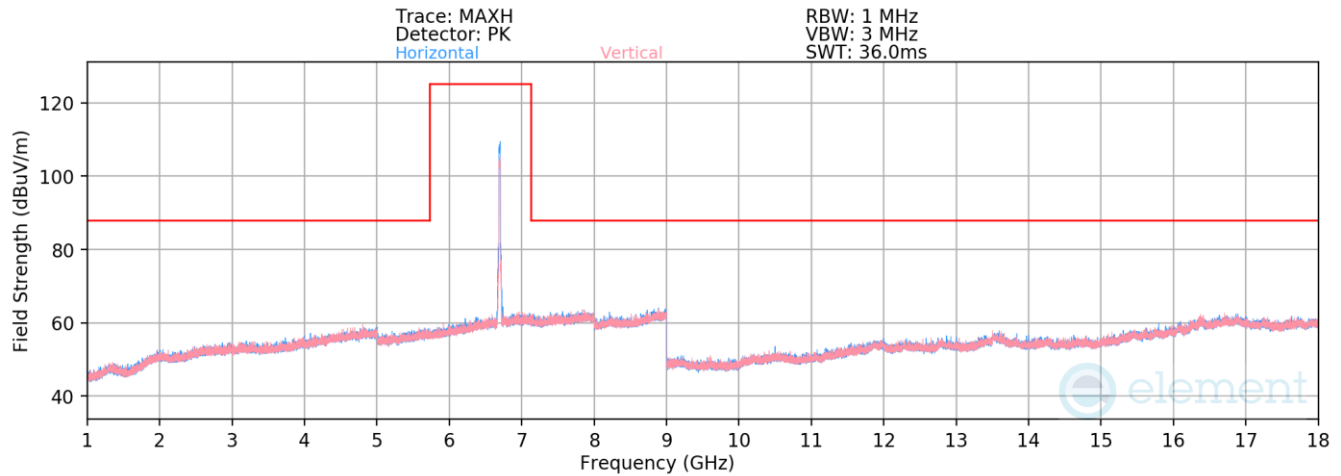
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13070.00	Peak	H	-	-	-75.26	21.52	53.26	88.23	-34.97
13070.00	Average	H	-	-	-84.97	21.52	43.55	68.23	-24.68

Table 7-117. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 273 of 384

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Plot 7-952. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 149 – RU242)

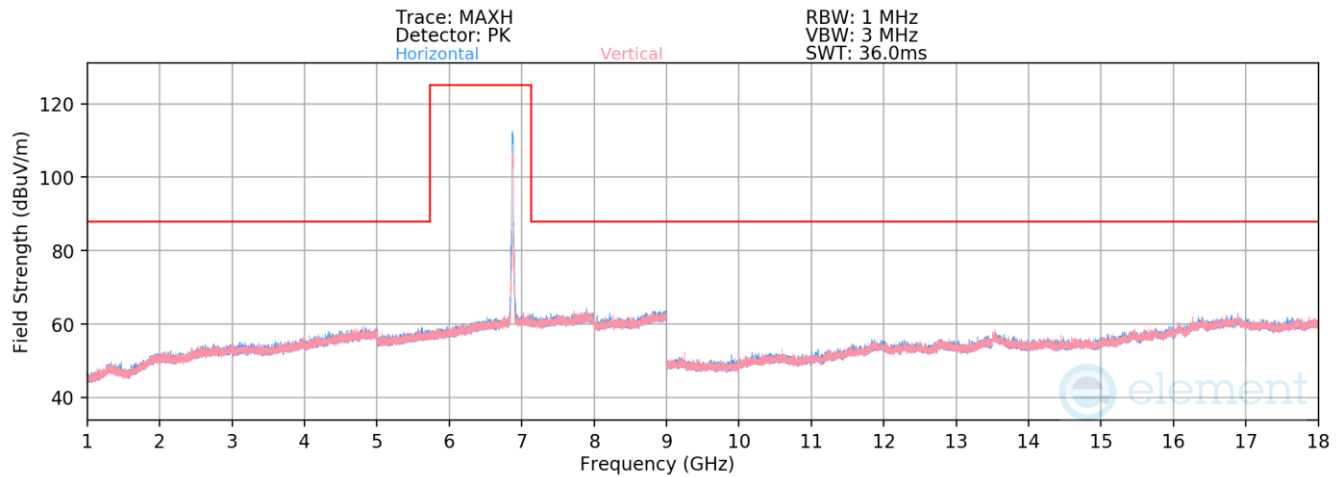
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6695MHz
Channel: 149

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	13390.00	Peak	V	-	-	-72.74	22.37	56.63	73.98	-17.35
*	13390.00	Average	V	-	-	-84.44	22.37	44.93	53.98	-9.05

Table 7-118. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 274 of 384

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Plot 7-953. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 185 – RU242)

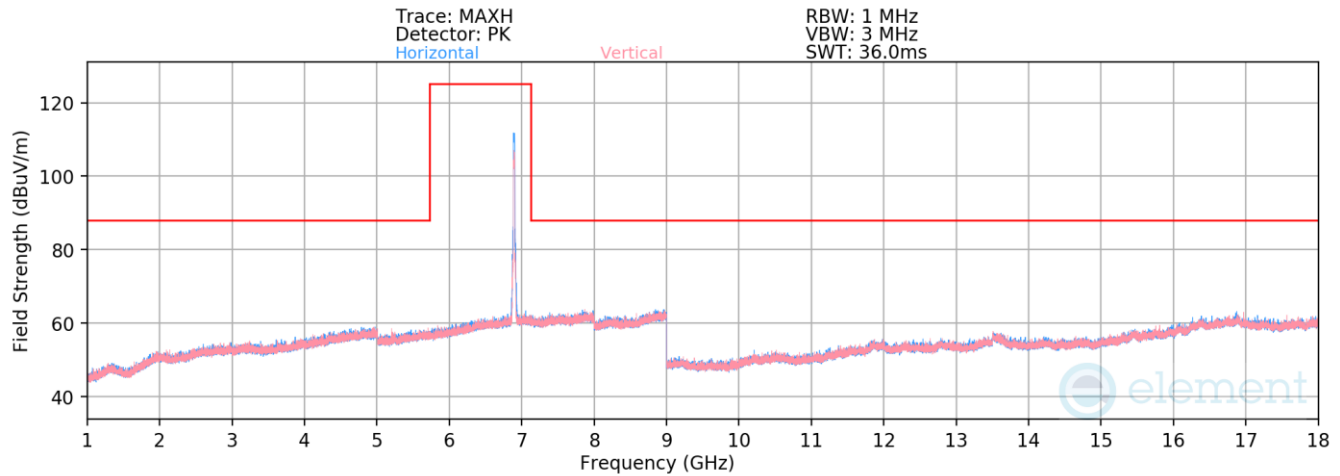
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6875MHz
Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13750.00	Peak	H	-	-	-76.20	21.35	52.15	88.23	-36.08
13750.00	Average	H	-	-	-88.08	21.35	40.27	68.23	-27.96

Table 7-119. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 275 of 384

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Plot 7-954. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 189 – RU242)

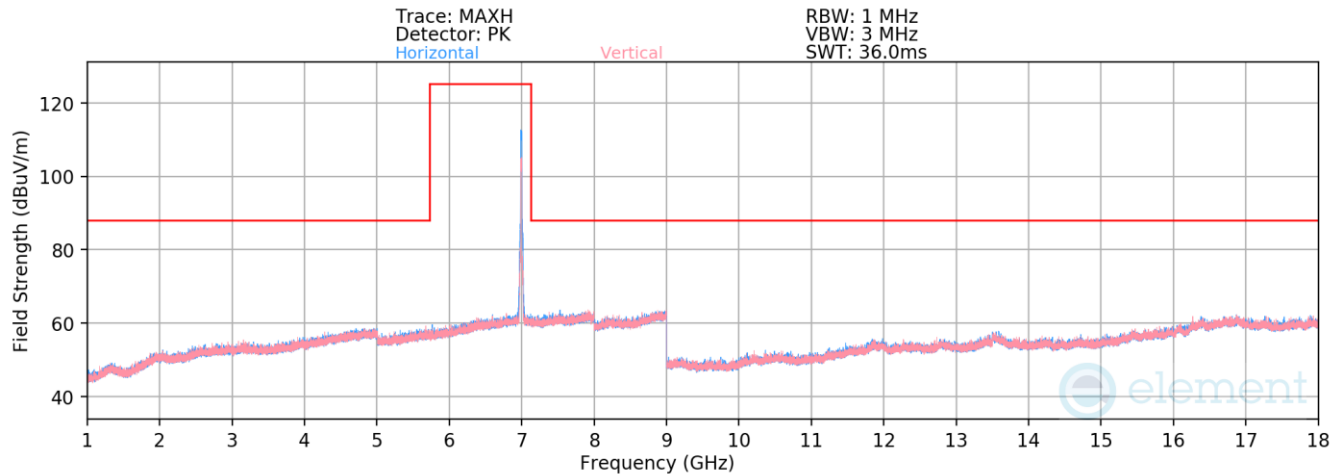
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6895MHz
Channel: 189

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	Peak	H	-	-	-76.49	21.82	52.33	88.23	-35.90
13790.00	Average	H	-	-	-88.09	21.82	40.73	68.23	-27.50

Table 7-120. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 276 of 384

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Plot 7-955. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 209 – RU242)

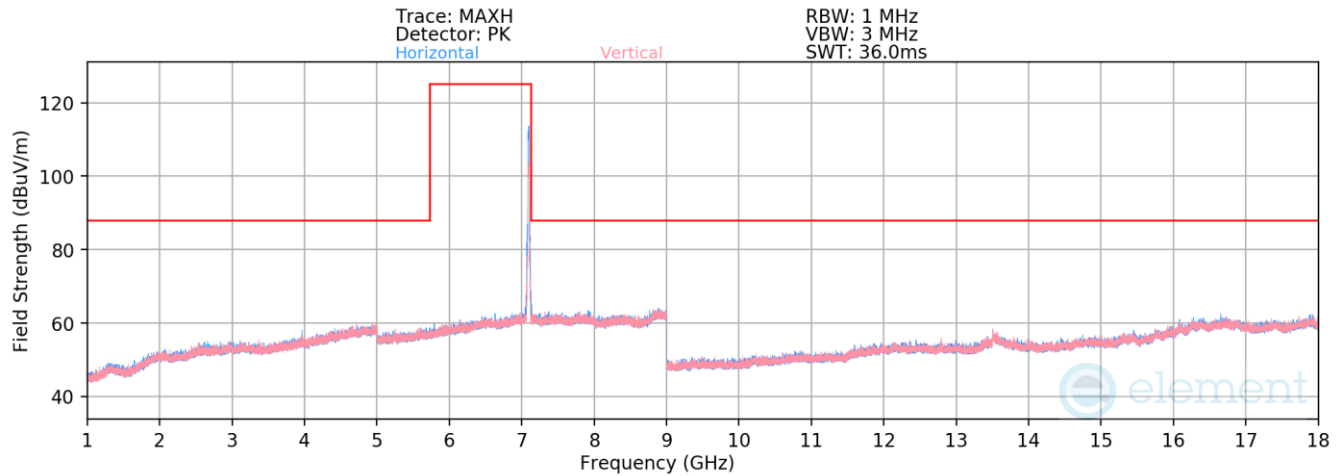
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6995MHz
Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13990.00	Peak	H	-	-	-76.76	21.77	52.01	88.23	-36.22
13990.00	Average	H	-	-	-88.26	21.77	40.51	68.23	-27.72

Table 7-121. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 277 of 384

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Plot 7-956. Radiated Spurious Emissions above 1GHz Antenna WF8 (802.11ax – Ch. 229 – RU242)

Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 7095MHz
Channel: 229

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]
14190.00	Peak	H	-	-	-74.19	22.02	54.83	88.23	-33.40
14190.00	Average	H	-	-	-85.52	22.02	43.49	68.23	-24.74

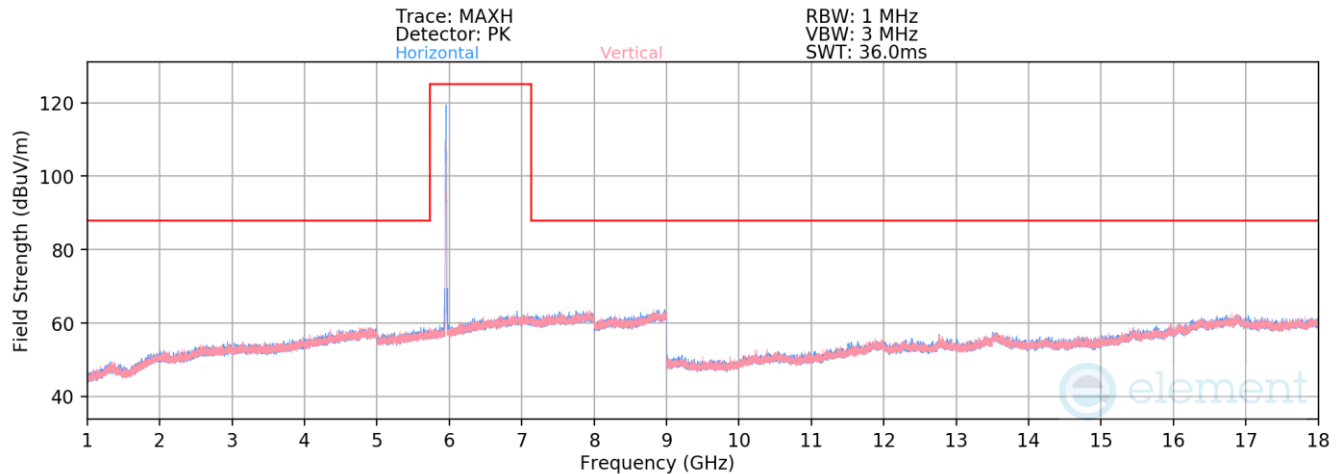
Table 7-122. Radiated Spurious Emission Measurements Antenna WF8 – RU242

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 278 of 384

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7.7.2 Antenna WF7a Radiated Spurious Emission

RU26



Plot 7-957. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 1 – RU26)

Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5955MHz
Channel: 1

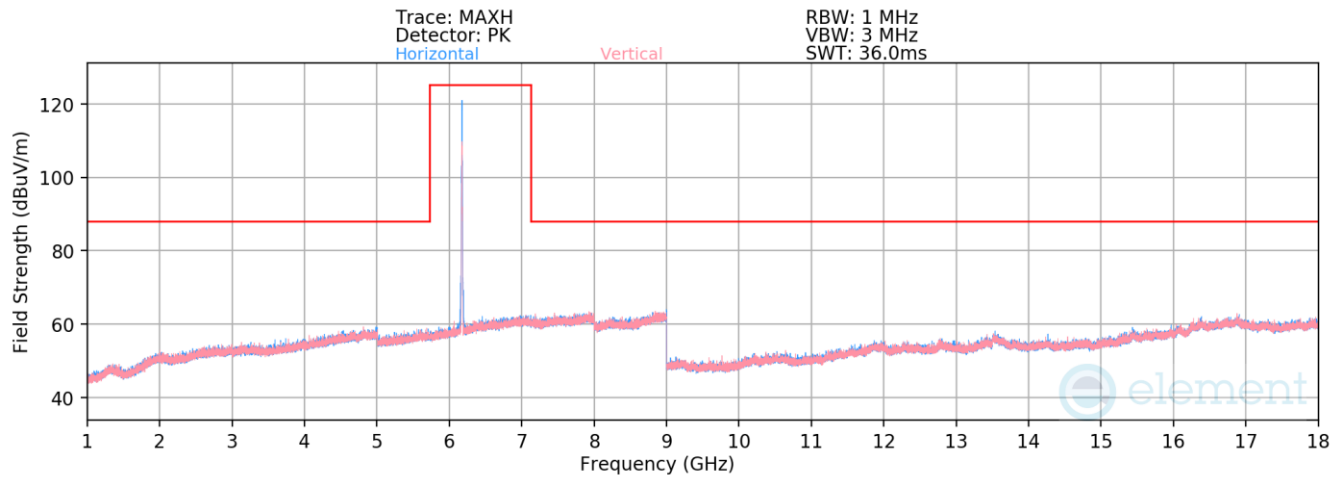
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11910.00	Peak	H	-	-	-72.13	20.12	54.98	73.98	-19.00
* 11910.00	Average	H	-	-	-83.80	20.12	43.32	53.98	-10.66
* 17865.00	Peak	H	-	-	-73.92	22.53	55.61	73.98	-18.37
* 17865.00	Average	H	-	-	-84.58	22.53	44.95	53.98	-9.03

Table 7-123. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device		Page 279 of 384

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Plot 7-958. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 45 – RU26)

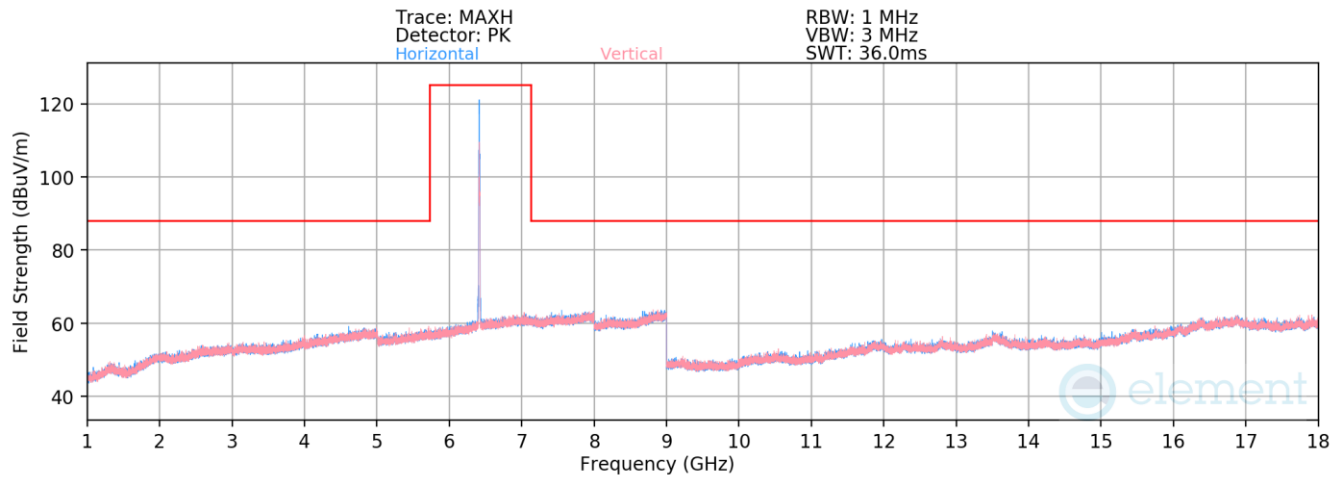
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6175MHz
Channel: 45

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	Peak	H	-	-	-72.65	20.86	55.21	73.98	-18.77
* 12350.00	Average	H	-	-	-84.64	20.83	43.20	53.98	-10.78

Table 7-124. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 280 of 384

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Plot 7-959. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 93 – RU26)

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

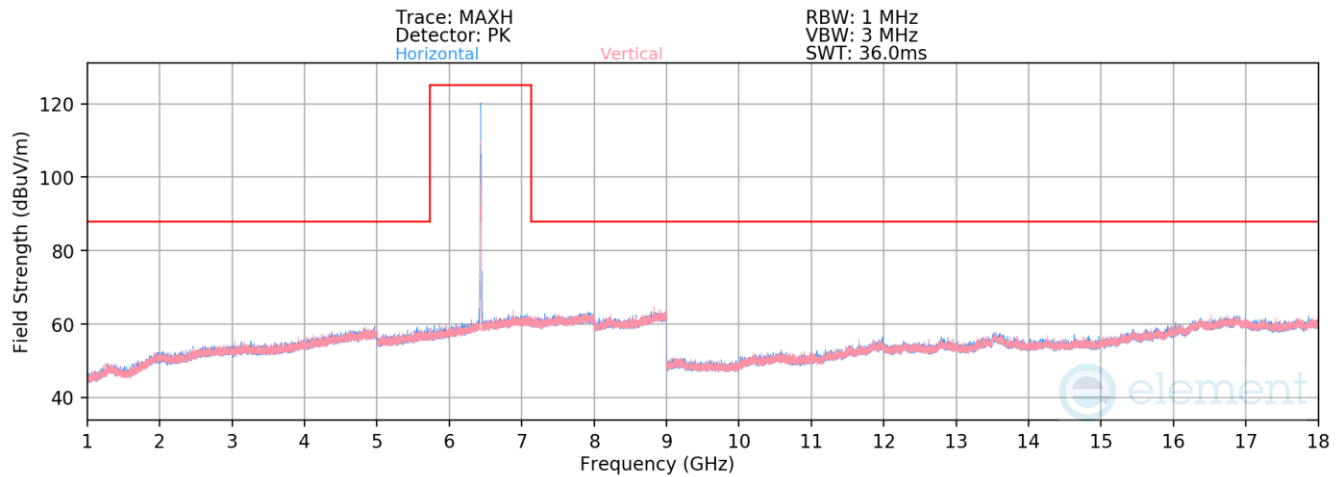
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12830.00	Peak	V	-	-	-73.13	22.26	56.13	88.23	-32.10
12830.00	Average	V	-	-	-84.92	22.26	44.34	68.23	-23.89

Table 7-125. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 281 of 384

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Plot 7-960. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 97 – RU26)

Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6435MHz
Channel: 97

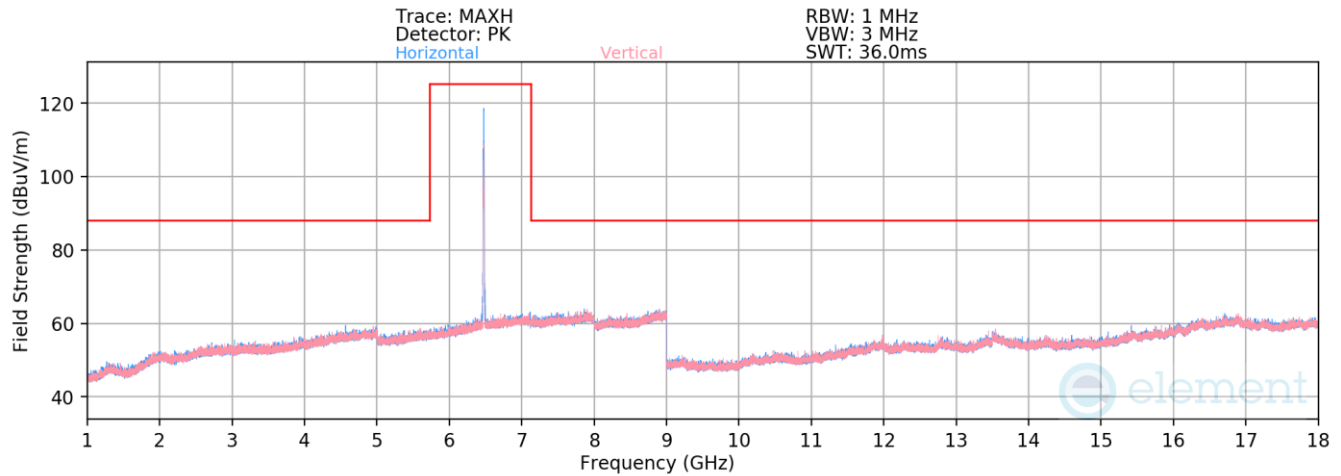
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
12870.00	Peak	H	-	-	-72.40	21.68	56.27	88.23	-31.96
12870.00	Average	H	-	-	-84.77	21.68	43.91	68.23	-24.32

Table 7-126. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 282 of 384

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Plot 7-961. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 105 – RU26)

Mode: 802.11ax

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 6475MHz

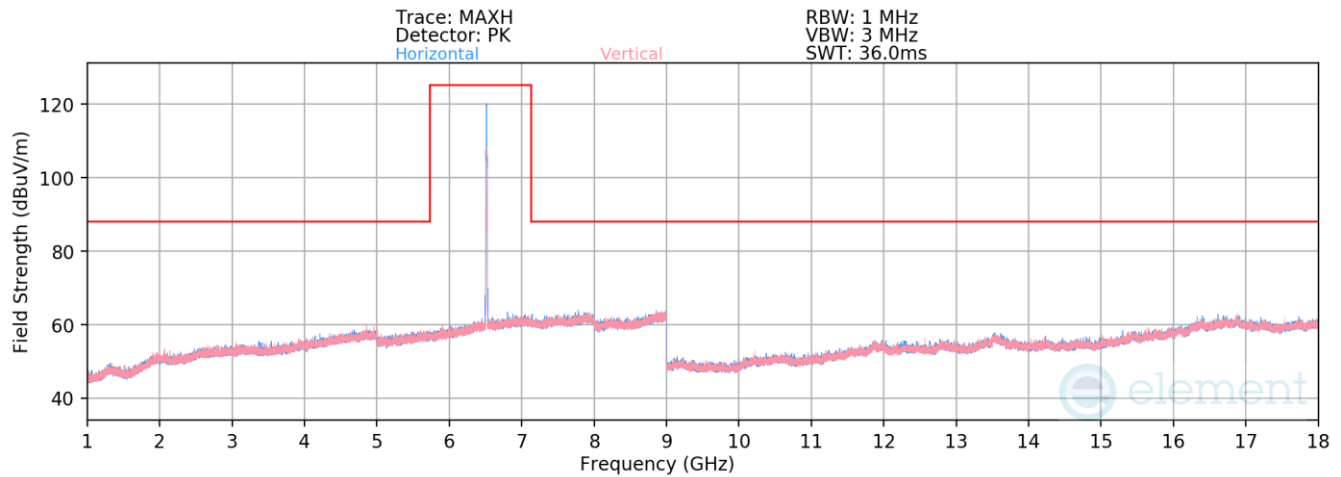
Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12950.00	Peak	H	-	-	-73.28	21.74	55.46	88.23	-32.77
12950.00	Average	H	-	-	-84.84	21.74	43.90	68.23	-24.33

Table 7-127. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 283 of 384

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Plot 7-962. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 113 – RU26)

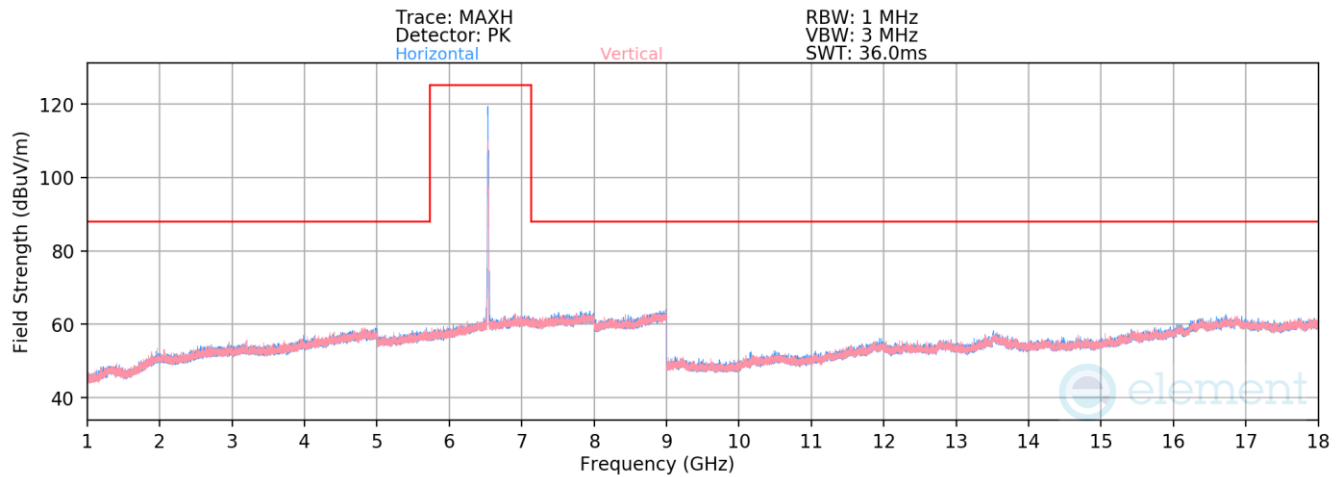
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6515MHz
Channel: 113

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	Peak	H	-	-	-73.01	21.94	55.93	88.23	-32.30
13030.00	Average	H	-	-	-84.72	21.94	44.22	68.23	-24.01

Table 7-128. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 284 of 384

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Plot 7-963. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 117 – RU26)

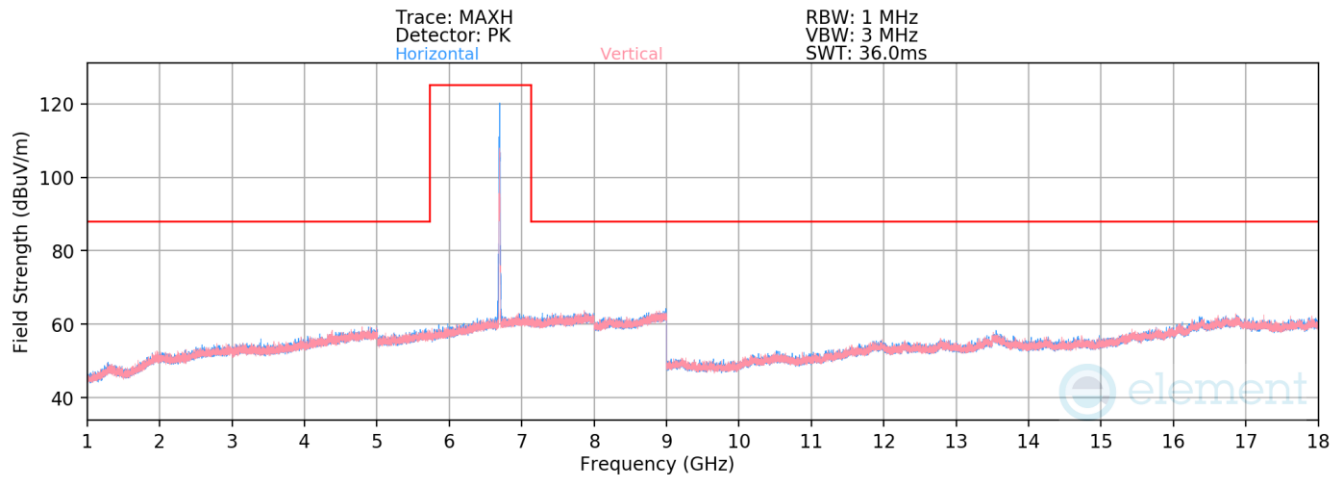
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6535MHz
Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13070.00	Peak	V	-	-	-73.34	21.52	55.18	88.23	-33.05
13070.00	Average	V	-	-	-84.86	21.52	43.66	68.23	-24.57

Table 7-129. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 285 of 384

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Plot 7-964. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 149 – RU26)

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

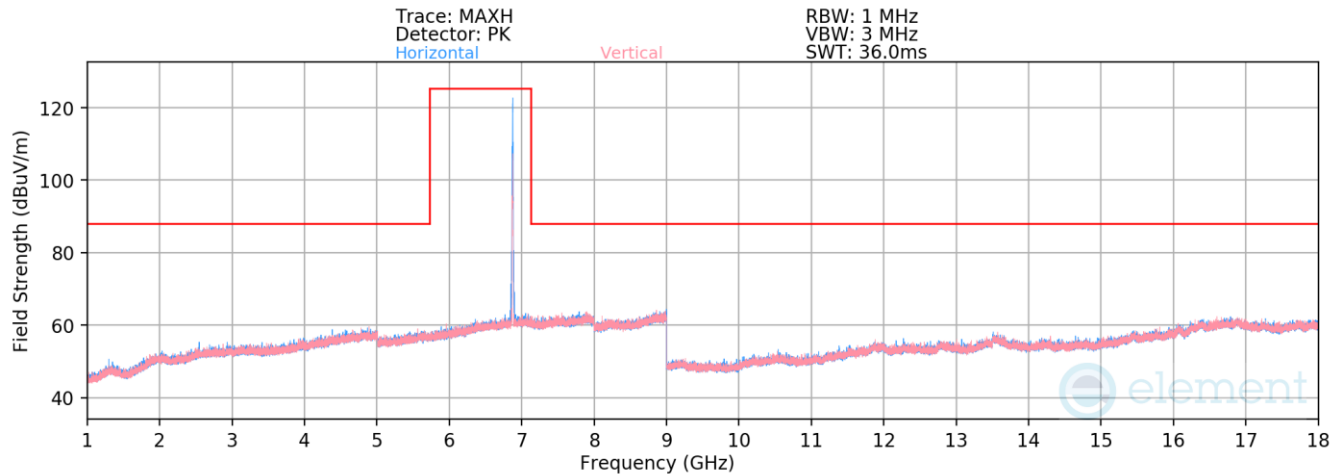
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 13390.00	Peak	H	-	-	-73.07	22.37	56.30	73.98	-17.68
* 13390.00	Average	H	-	-	-84.61	22.37	44.76	53.98	-9.22

Table 7-130. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 286 of 384

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Plot 7-965. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 185 – RU26)

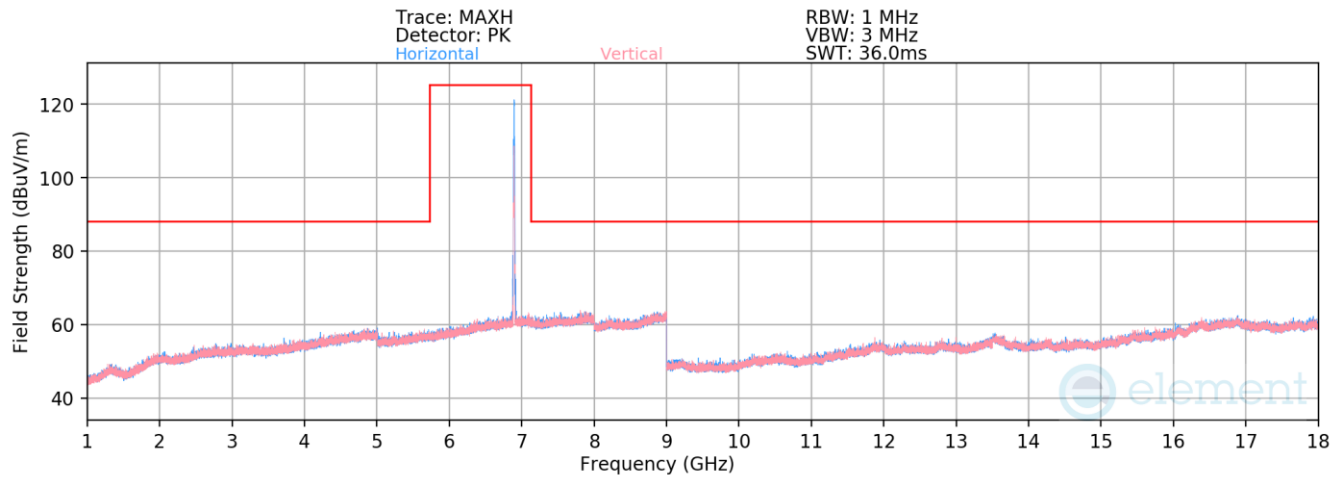
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6875MHz
Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13750.00	Peak	H	-	-	-76.92	21.35	51.43	88.23	-36.80
13750.00	Average	H	-	-	-87.99	21.35	40.36	68.23	-27.87

Table 7-131. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 287 of 384

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Plot 7-966. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 189 – RU26)

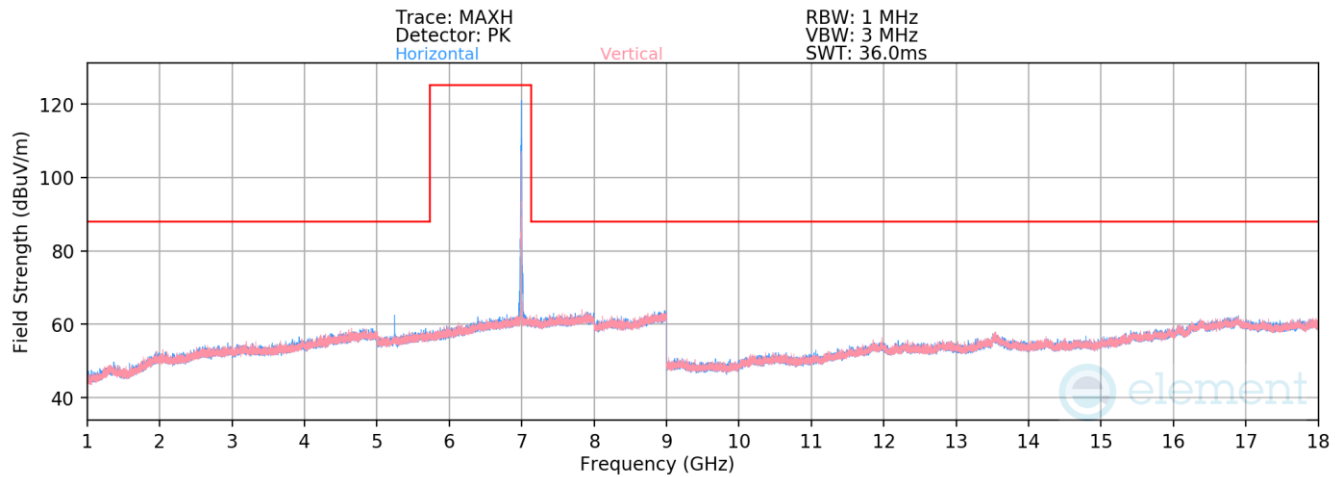
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6895MHz
Channel: 189

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	Peak	H	-	-	-76.81	21.82	52.01	88.23	-36.22
13790.00	Average	H	-	-	-88.03	21.82	40.79	68.23	-27.44

Table 7-132. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 288 of 384

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Plot 7-967. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 209 – RU26)

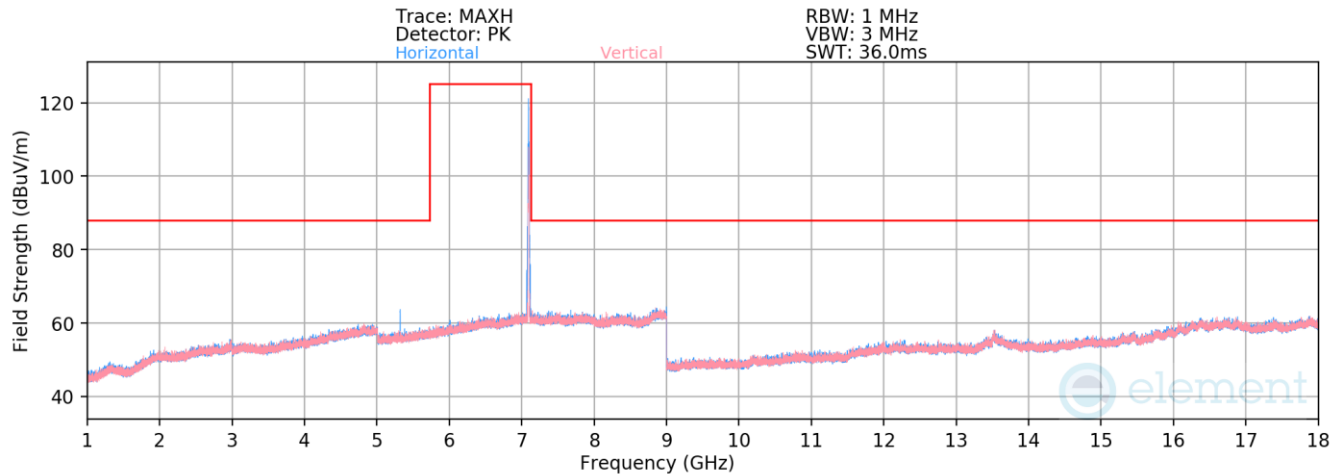
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6995MHz
Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
5363.00	Peak	H	241	250	-58.70	19.82	68.12	88.23	-20.11
5363.00	Average	H	241	250	-66.01	19.82	60.81	68.23	-7.42
13990.00	Peak	H	-	-	-76.58	21.77	52.19	88.23	-36.04
13990.00	Average	H	-	-	-88.25	21.77	40.52	68.23	-27.71

Table 7-133. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 289 of 384

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Plot 7-968. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 229 – RU26)

Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 7095MHz
Channel: 229

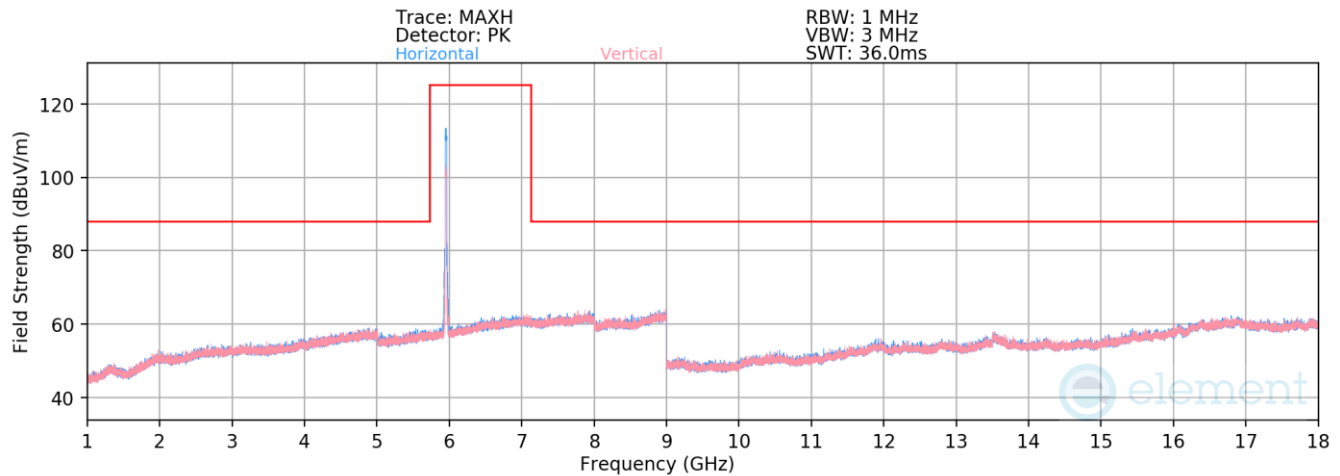
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
5313.00	Peak	H	245	255	-58.01	19.63	68.62	88.23	-19.61
5313.00	Average	H	245	255	-66.50	19.63	60.13	68.23	-8.10
14190.00	Peak	V	-	-	-73.47	21.93	55.47	88.23	-32.76
14190.00	Average	V	-	-	-85.45	21.93	43.48	68.23	-24.75

Table 7-134. Radiated Spurious Emission Measurements Antenna WF7a – RU26

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 290 of 384

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RU242



Plot 7-969. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 1 – RU242)

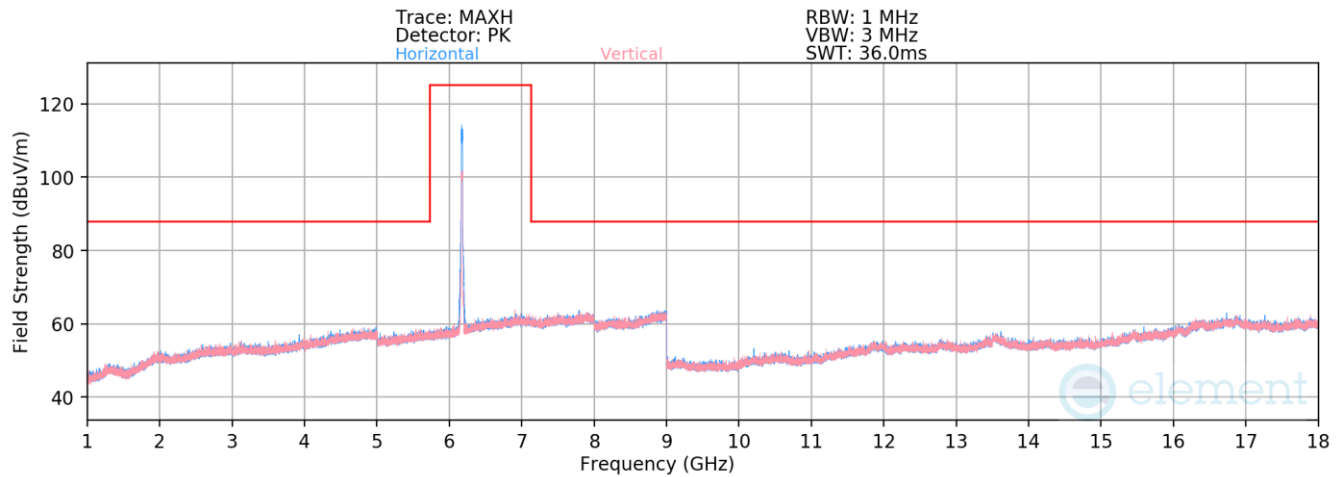
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5955MHz
Channel: 1

	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	Peak	V	-	-	-72.60	20.02	54.42	73.98	-19.56
*	11910.00	Average	V	-	-	-84.09	20.12	43.02	53.98	-10.96
*	17865.00	Peak	V	-	-	-74.55	22.53	54.98	73.98	-19.00
*	17865.00	Average	V	-	-	-85.68	22.53	43.85	53.98	-10.13

Table 7-135. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 291 of 384

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Plot 7-970. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 45 – RU242)

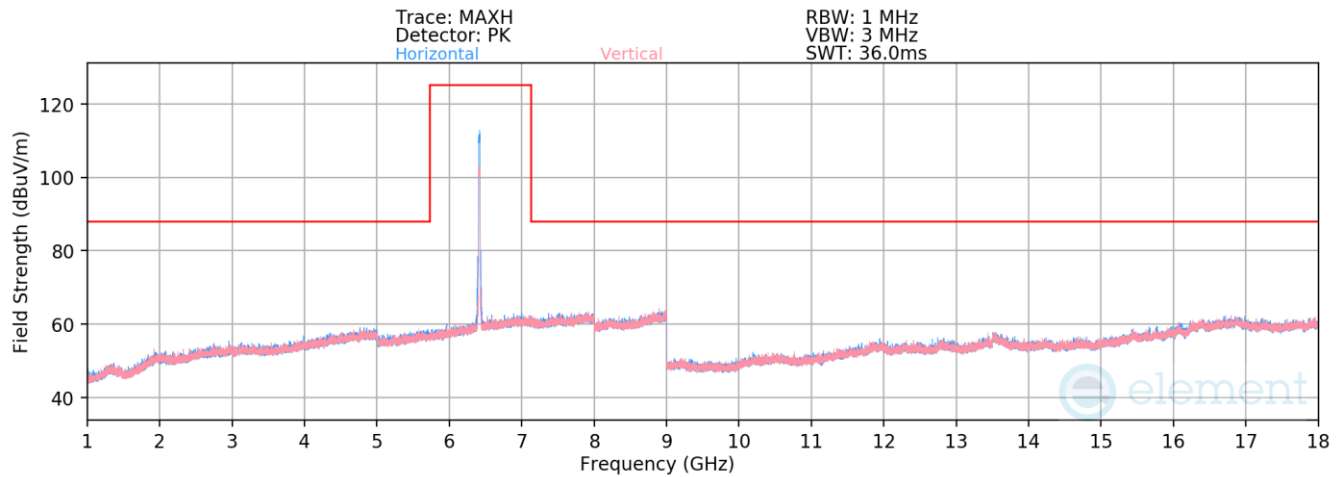
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6175MHz
Channel: 45

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	Peak	H	-	-	-72.61	20.83	55.23	73.98	-18.75
* 12350.00	Average	H	-	-	-84.43	20.73	43.31	53.98	-10.67

Table 7-136. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 292 of 384

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Plot 7-971. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 93 – RU242)

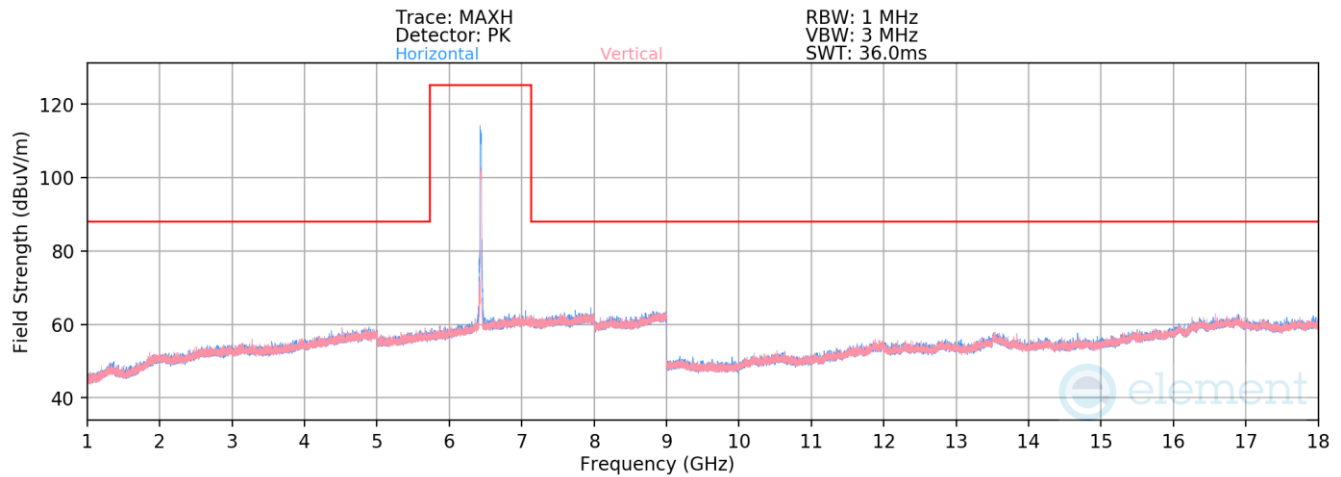
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6415MHz
Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12830.00	Peak	H	-	-	-76.22	22.42	53.20	88.23	-35.03
12830.00	Average	H	-	-	-86.62	22.42	42.80	68.23	-25.43

Table 7-137. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 293 of 384

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Plot 7-972. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 97 – RU242)

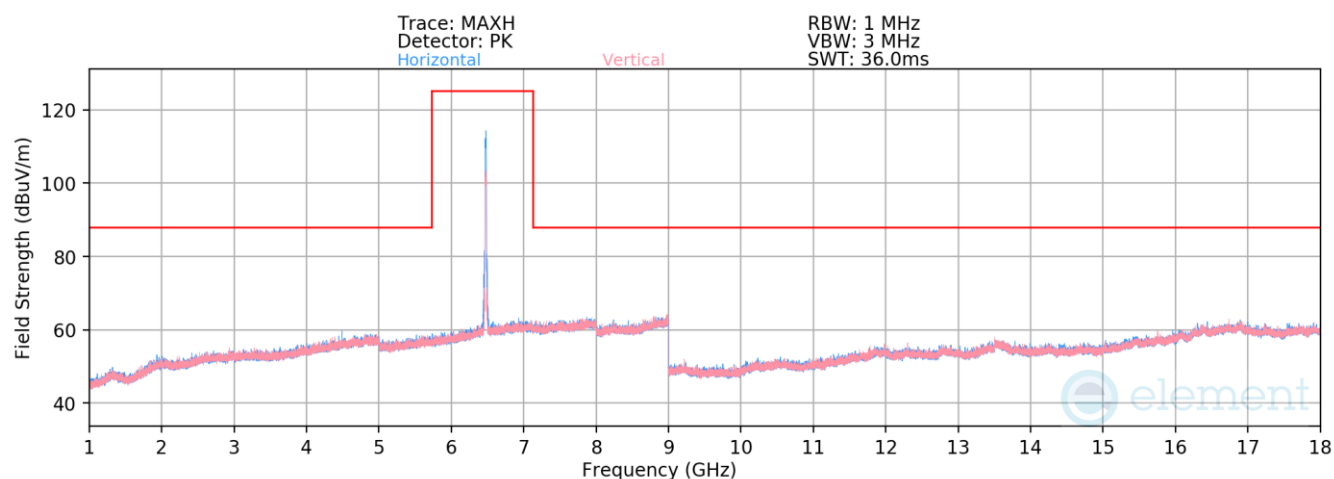
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6435MHz
Channel: 97

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	Peak	V	-	-	-76.09	21.63	52.54	88.23	-35.69
12870.00	Average	V	-	-	-86.60	21.63	42.03	68.23	-26.20

Table 7-138. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 294 of 384

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Plot 7-973. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 105 – RU242)

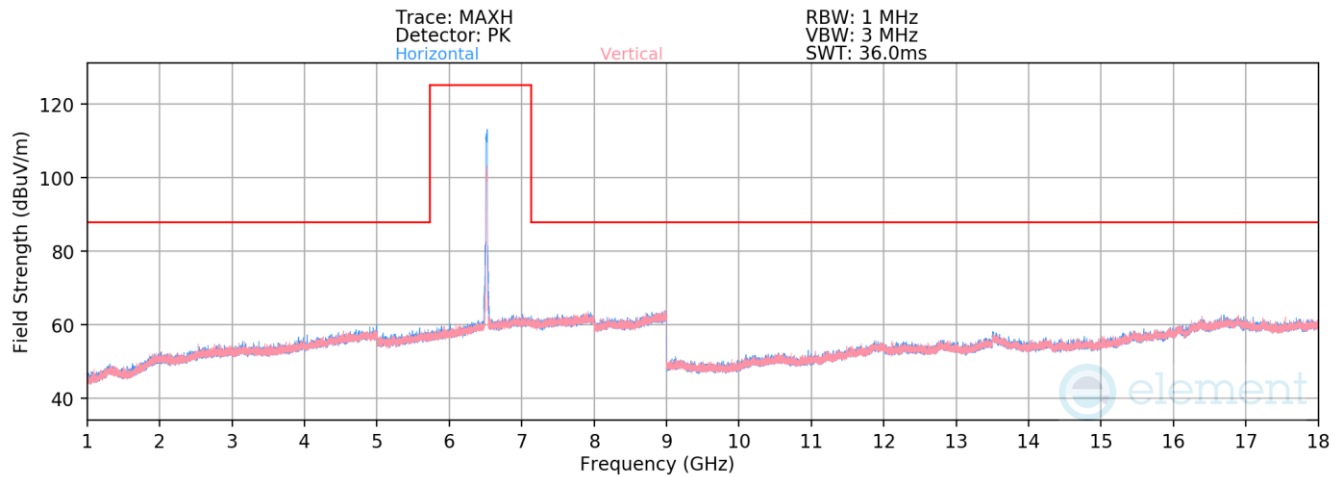
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6475MHz
Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12950.00	Peak	V	-	-	-75.83	21.74	52.91	88.23	-35.32
12950.00	Average	V	-	-	-86.60	21.74	42.14	68.23	-26.09

Table 7-139. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 295 of 384

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Plot 7-974. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 113 – RU242)

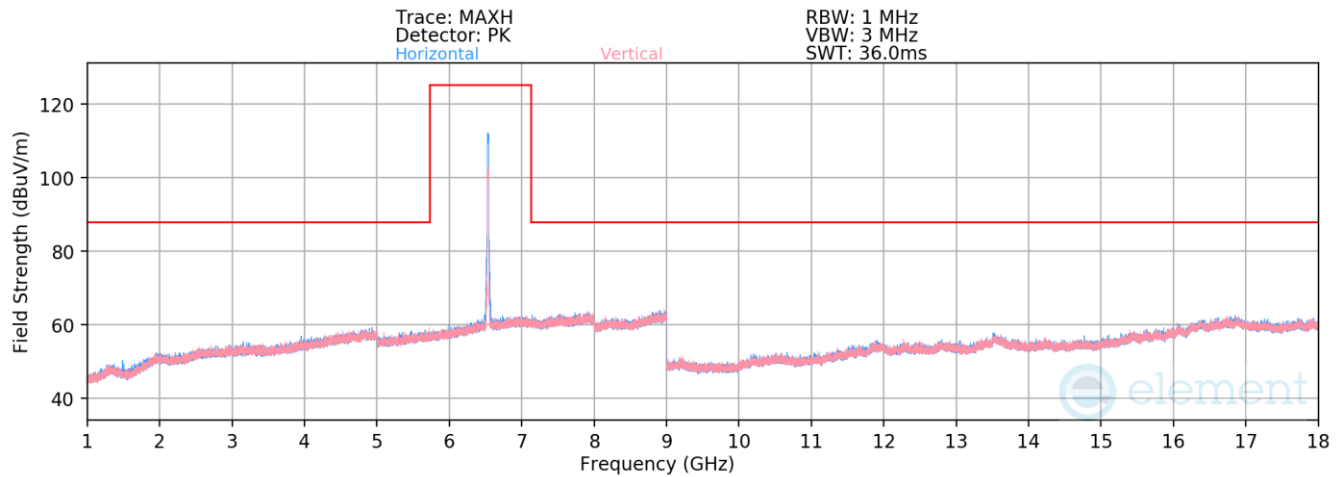
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6515MHz
Channel: 113

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	Peak	H	-	-	-75.94	21.96	53.02	88.23	-35.21
13030.00	Average	H	-	-	-86.78	21.96	42.18	68.23	-26.05

Table 7-140. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 296 of 384

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Plot 7-975. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 117 – RU242)

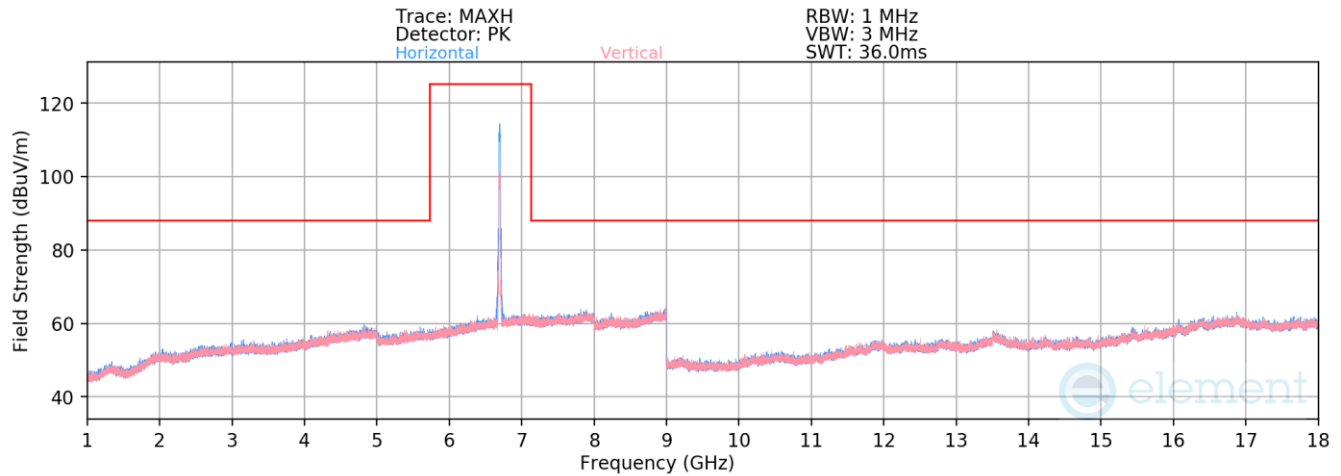
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6535MHz
Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13070.00	Peak	V	-	-	-75.86	21.50	52.64	88.23	-35.59
13070.00	Average	V	-	-	-87.02	21.50	41.48	68.23	-26.75

Table 7-141. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 297 of 384

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Plot 7-976. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 149 – RU242)

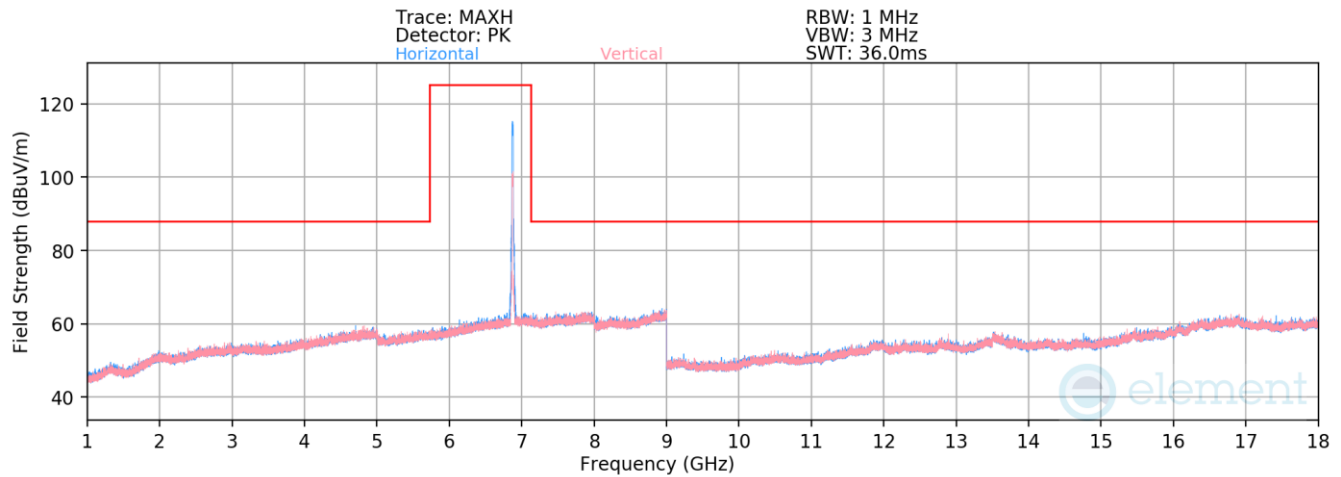
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6695MHz
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 13390.00	Peak	V	-	-	-72.77	22.70	56.93	73.98	-17.05
* 13390.00	Average	V	-	-	-84.55	22.70	45.15	53.98	-8.83

Table 7-142. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 298 of 384

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Plot 7-977. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 185 – RU242)

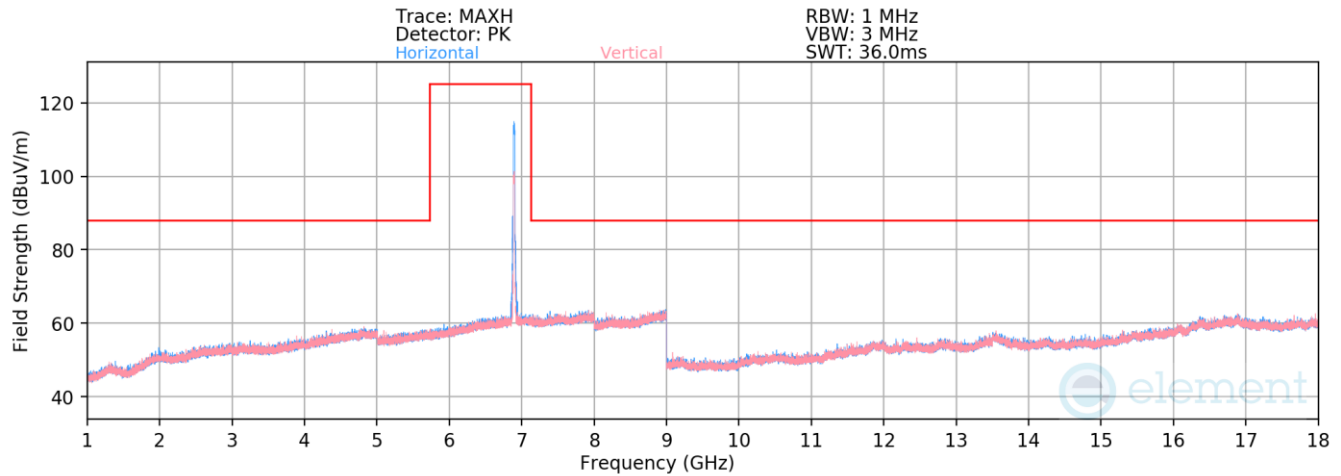
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6875MHz
Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13750.00	Peak	H	-	-	-76.72	21.35	51.63	88.23	-36.60
13750.00	Average	H	-	-	-87.99	21.35	40.36	68.23	-27.87

Table 7-143. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 299 of 384

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Plot 7-978. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 189 – RU242)

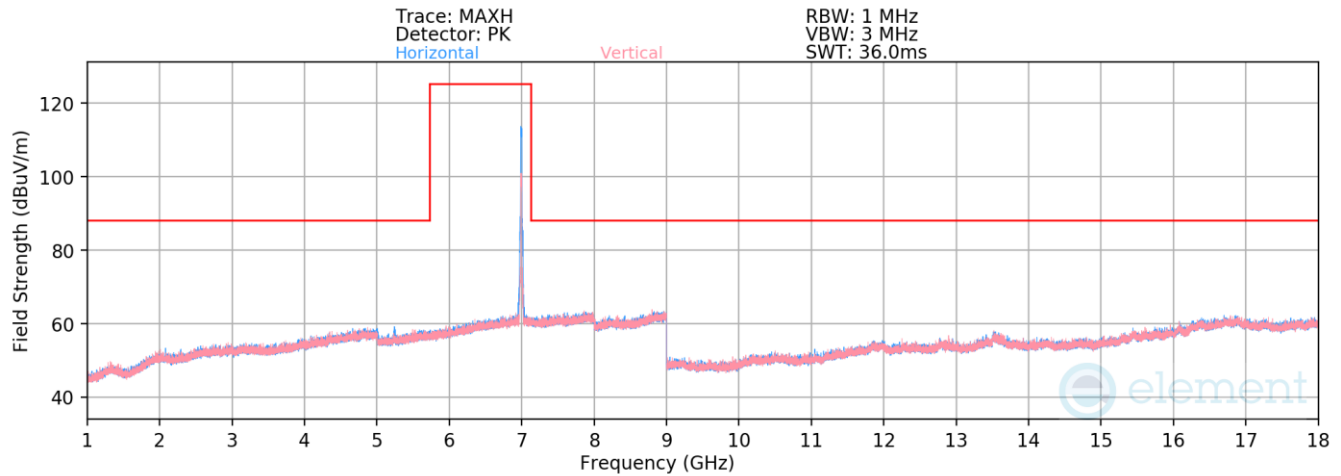
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6895MHz
Channel: 189

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	Peak	H	-	-	-76.70	21.82	52.12	88.23	-36.11
13790.00	Average	H	-	-	-87.96	21.82	40.86	68.23	-27.37

Table 7-144. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 300 of 384

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Plot 7-799. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 209 – RU242)

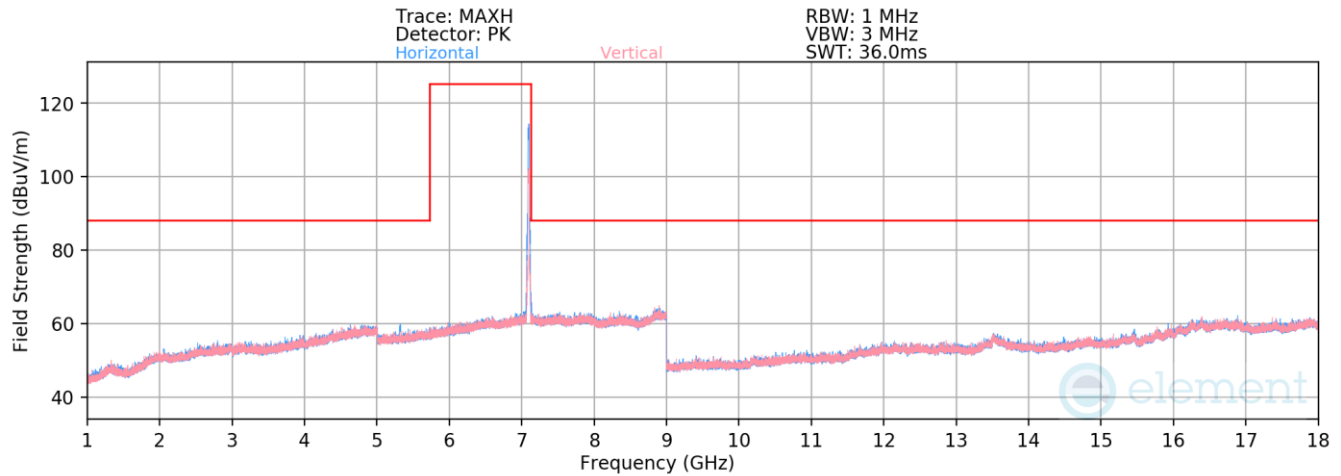
Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6995MHz
Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
5242.00	Peak	H	250	253	-63.29	19.90	63.61	88.23	-24.62
5242.00	Average	H	250	253	-73.96	19.90	52.94	68.23	-15.29
13990.00	Peak	H	-	-	-76.75	21.77	52.02	88.23	-36.21
13990.00	Average	H	-	-	-88.12	21.77	40.65	68.23	-27.58

Table 7-145. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 301 of 384

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Plot 7-980. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 229 – RU242)

Mode: 802.11ax
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 7095MHz
Channel: 229

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]
5331.00	Peak	H	225	250	-61.11	19.66	65.55	88.23	-22.68
5331.00	Average	H	225	250	-71.38	19.66	55.28	68.23	-12.95
14190.00	Peak	H	-	-	-73.68	21.94	55.25	88.23	-32.98
14190.00	Average	H	-	-	-85.53	21.94	43.41	68.23	-24.82

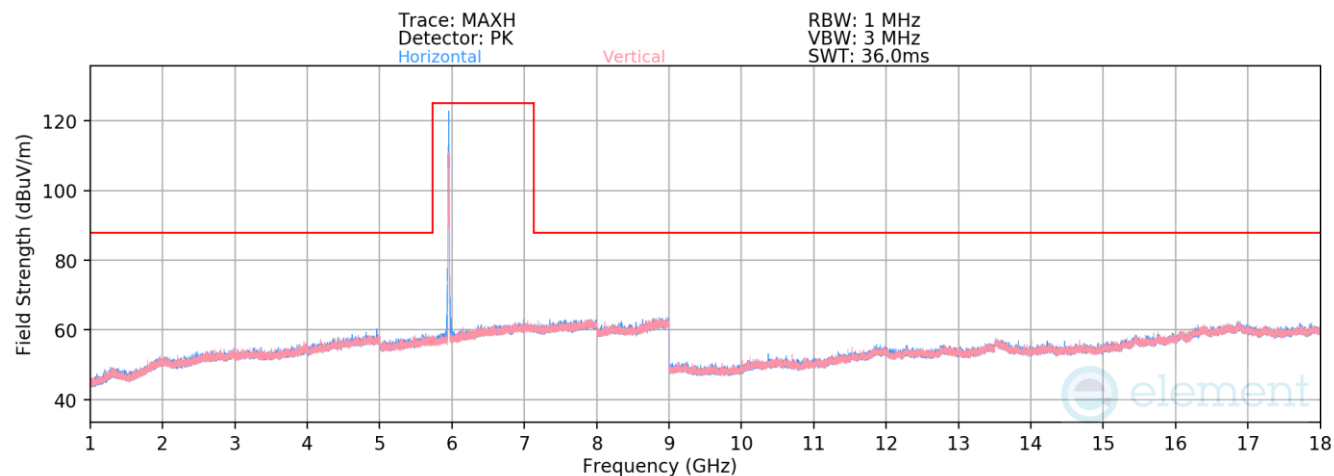
Table 7-146. Radiated Spurious Emission Measurements Antenna WF7a – RU242

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 302 of 384

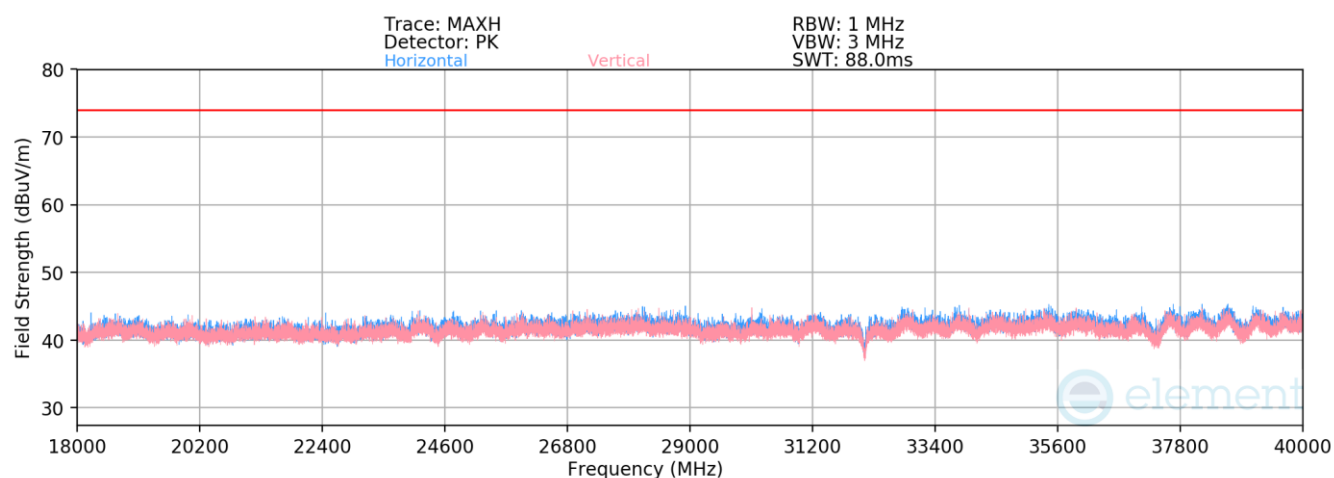
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7.7.3 SDM Radiated Spurious Emission

RU26



Plot 7-981. Radiated Spurious Emissions above 1GHz SDM (802.11ax - Ch. 1 - RU26)



Plot 7-982. Radiated Spurious Emissions 18-40GHz SDM (802.11ax - Ch. 1 - RU26)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 303 of 384

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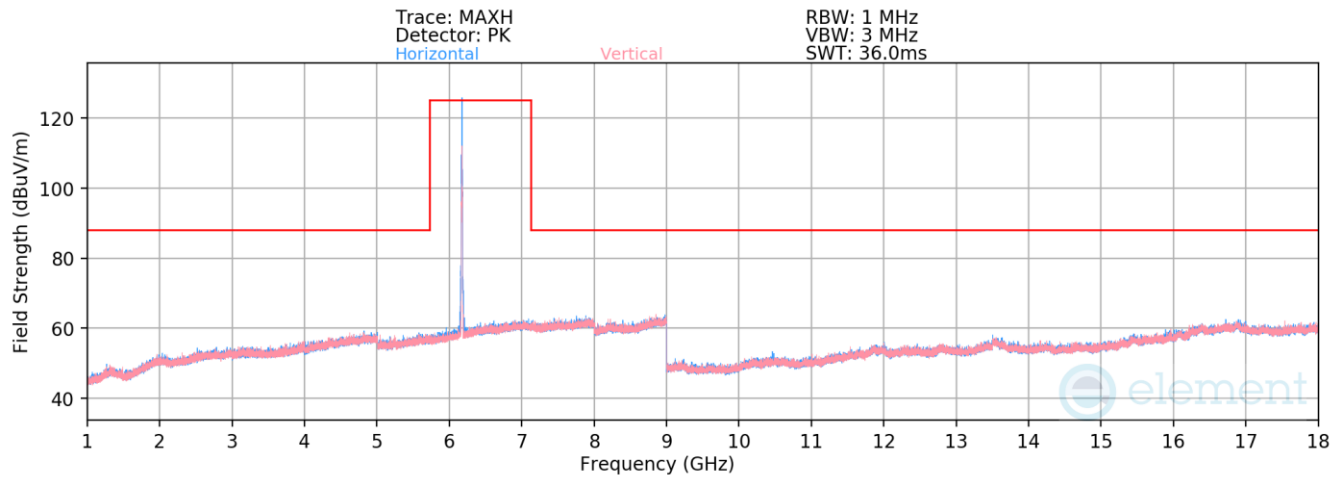
Mode: 802.11ax
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5955MHz
 Channel: 1

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	11910.00	Peak	V	-	-	-72.16	20.38	55.21	73.98	-18.77
*	11910.00	Average	V	-	-	-83.92	20.38	43.46	53.98	-10.52
*	17865.00	Peak	H	-	-	-74.59	22.53	54.94	73.98	-19.04
*	17865.00	Average	H	-	-	-85.28	22.53	44.25	53.98	-9.73

Table 7-147. Radiated Spurious Emission Measurements SDM – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 304 of 384

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Plot 7-983. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 45 – RU26)

Mode: 802.11ax
Data Rate: MCS0
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	Peak	H	-	-	-72.34	20.83	55.49	73.98	-18.49
* 12350.00	Average	H	-	-	-84.66	20.83	43.18	53.98	-10.80

Table 7-148. Radiated Spurious Emission Measurements SDM – RU26

FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 305 of 384

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