

## 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 7-56.
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 7-56. 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 dB $\mu$ V/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 68.2dB $\mu$ V/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.

## Sample Calculations

### Determining Spurious Emissions Levels

- Field Strength Level [dB $\mu$ V/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 [dB $\mu$ V/m] – Limit [dB $\mu$ V/m]

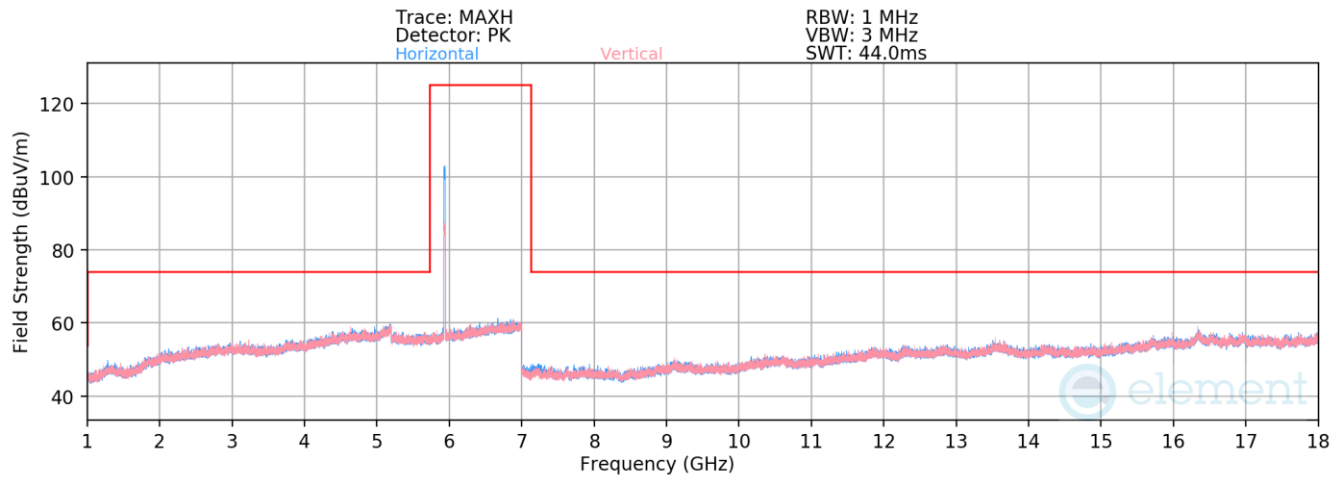
### Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.5 was calculated using the formula:  
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

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## 7.7.1 Antenna 5b Primary Radiated Spurious Emission



**Plot 7-585. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 1)**

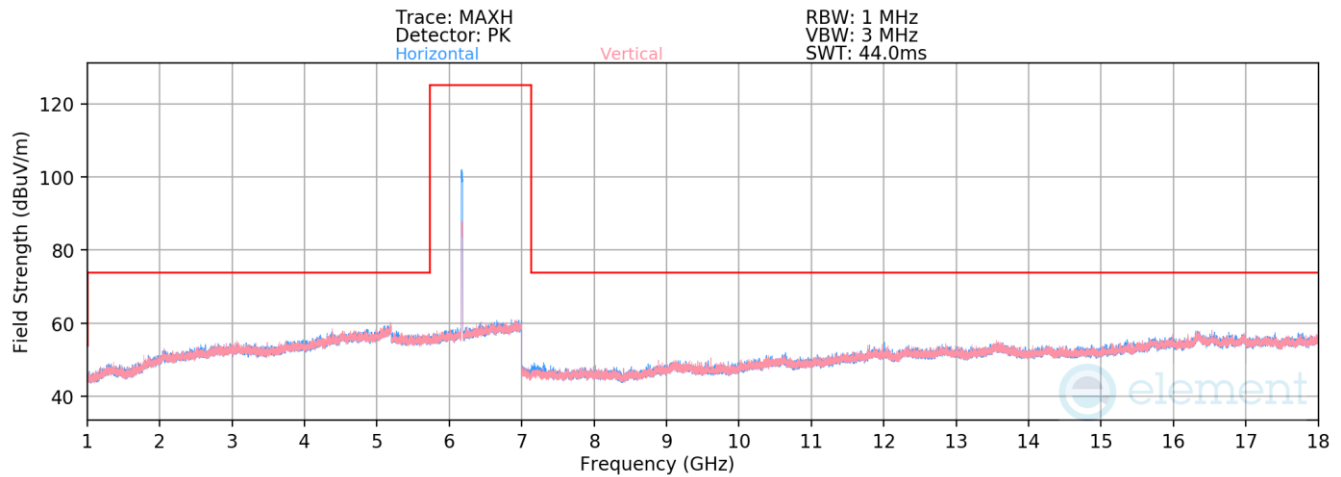
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 5955MHz  
Channel: 1

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	Peak	H	-	-	-72.17	16.96	51.79	73.98	-22.19
* 11910.00	Average	H	-	-	-83.55	16.96	40.41	53.98	-13.57
* 17865.00	Peak	H	-	-	-73.03	21.89	55.86	73.98	-18.12
* 17865.00	Average	H	-	-	-84.00	21.89	44.89	53.98	-9.09

**Table 7-57. Radiated Spurious Emission Measurements Antenna 5b**

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**Plot 7-586. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 45, MCS2)**

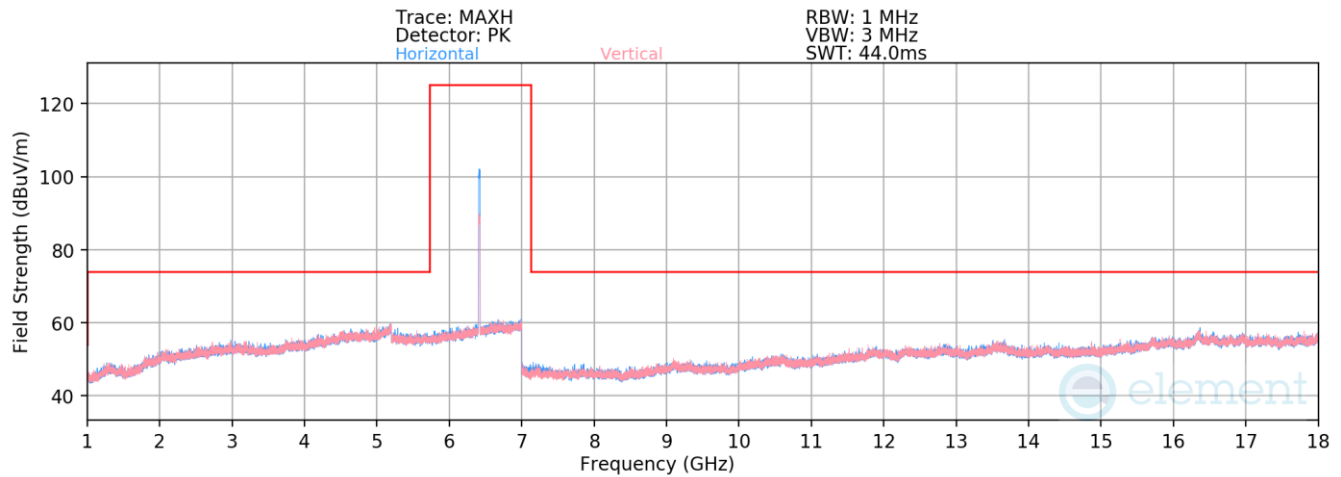
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6175MHz  
Channel: 45

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	Peak	H	-	-	-72.43	17.83	52.40	73.98	-21.58
* 12350.00	Average	H	-	-	-84.04	17.83	40.79	53.98	-13.19

**Table 7-58. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-587. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 93)**

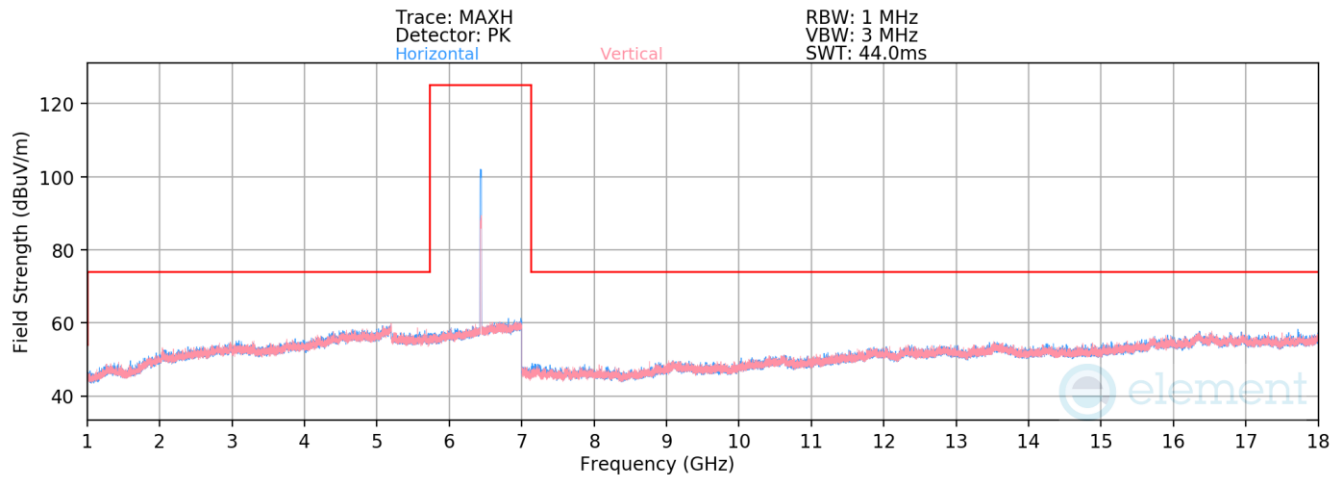
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6415MHz  
Channel: 93

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	H	-	-	-84.13	18.55	41.42	68.20	-26.78

**Table 7-59. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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**Plot 7-588. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 97)**

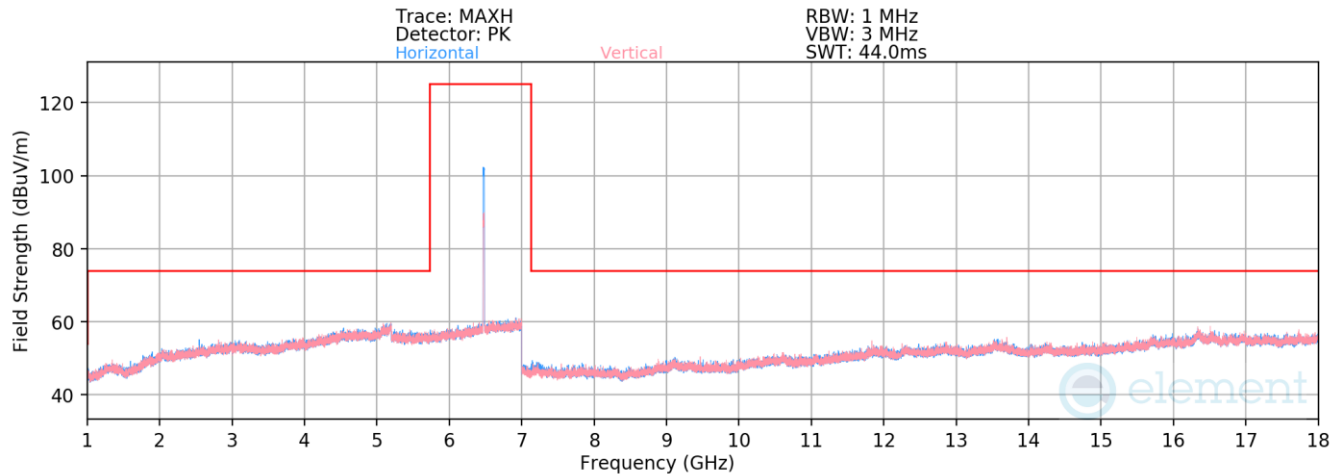
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6435MHz  
Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12870.00	Average	H	-	-	-83.88	18.68	41.80	68.20	-26.40

**Table 7-60. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-589. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 105, MCS2)**

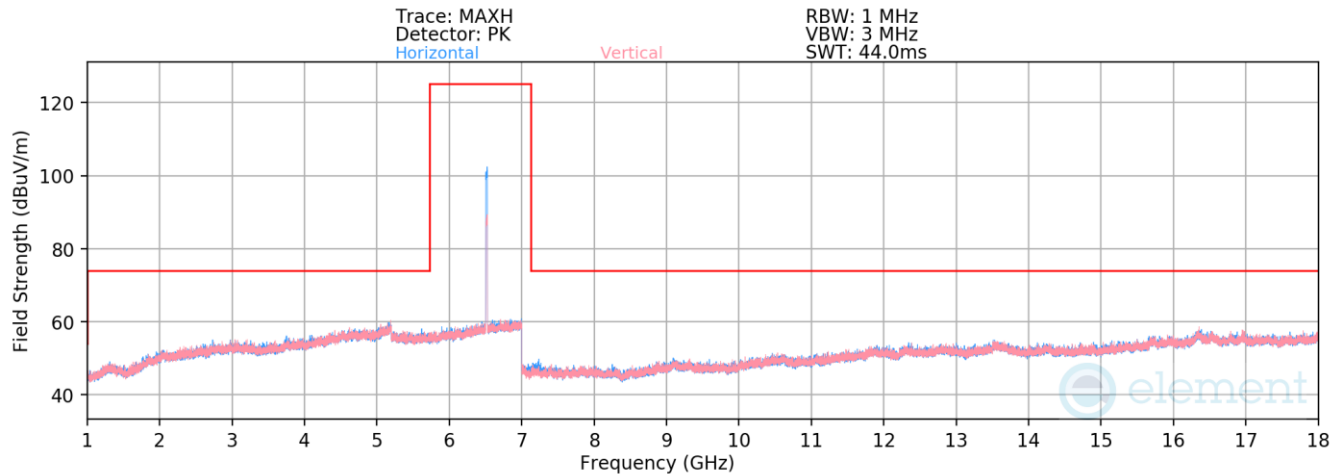
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6475MHz  
Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12950.00	Average	H	-	-	-83.78	18.16	41.38	68.20	-26.82

**Table 7-61. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-590. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 113)**

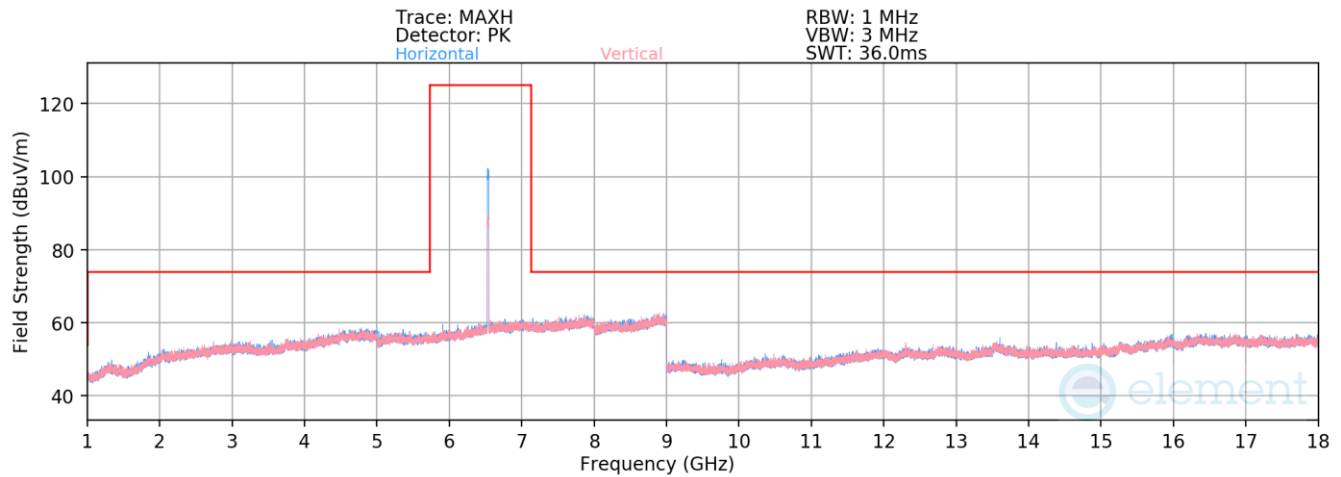
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6515MHz  
Channel: 113

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	-	-	-83.68	18.52	41.84	68.20	-26.36

**Table 7-62. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-591. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 117)**

Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6535MHz  
Channel: 117

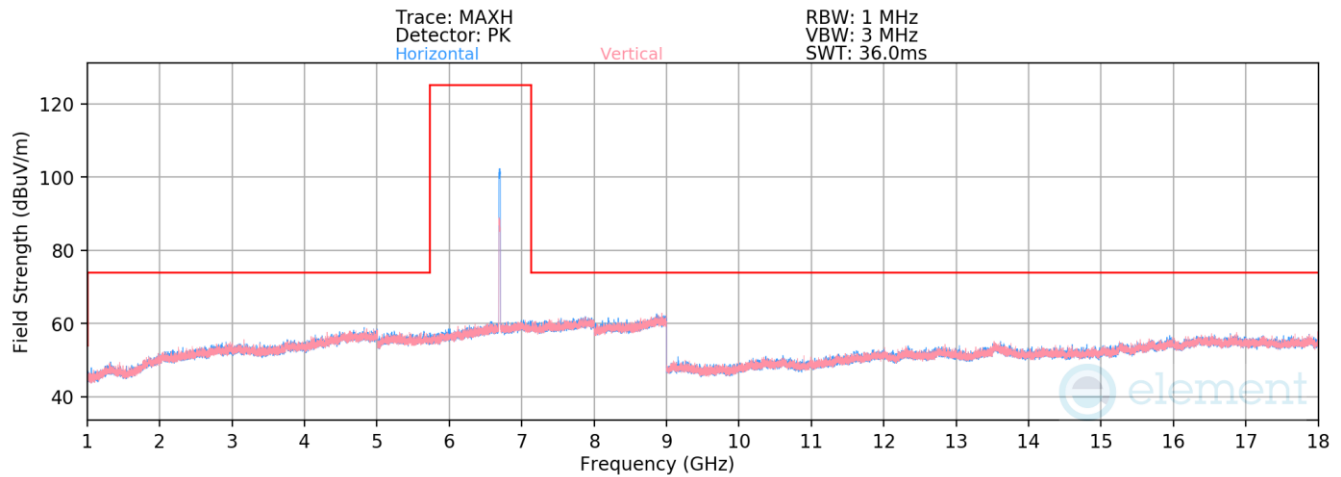
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13070.00	Average	H	-	-	-83.19	18.31	42.12	68.20	-26.08

**Table 7-63. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 188 of 282

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**Plot 7-592. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 149, MCS2)**

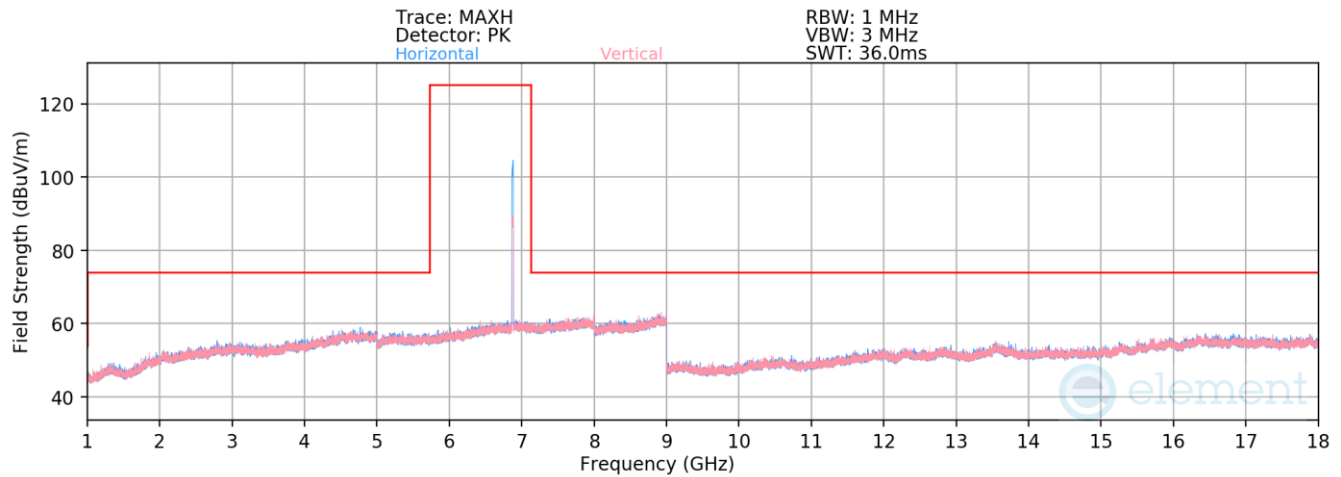
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6695MHz  
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 13390.00	Peak	H	-	-	-72.63	18.01	52.38	73.98	-21.60
* 13390.00	Average	H	-	-	-83.80	18.01	41.21	53.98	-12.77

**Table 7-64. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-593. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 185)**

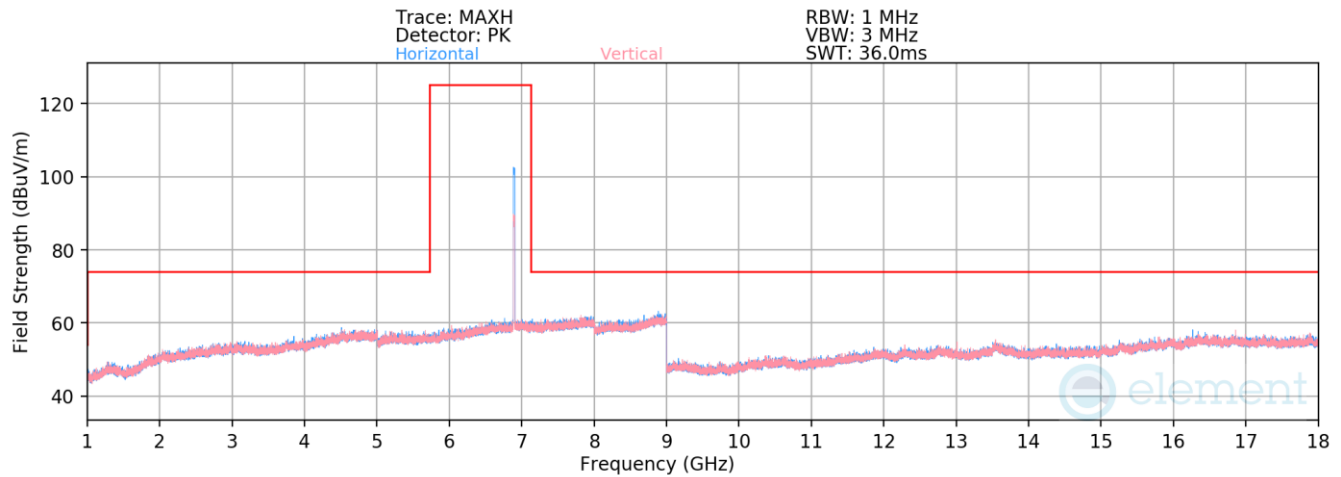
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6875MHz  
Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13750.00	Average	H	-	-	-83.21	17.84	41.63	68.20	-26.57

**Table 7-65. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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**Plot 7-594. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 189)**

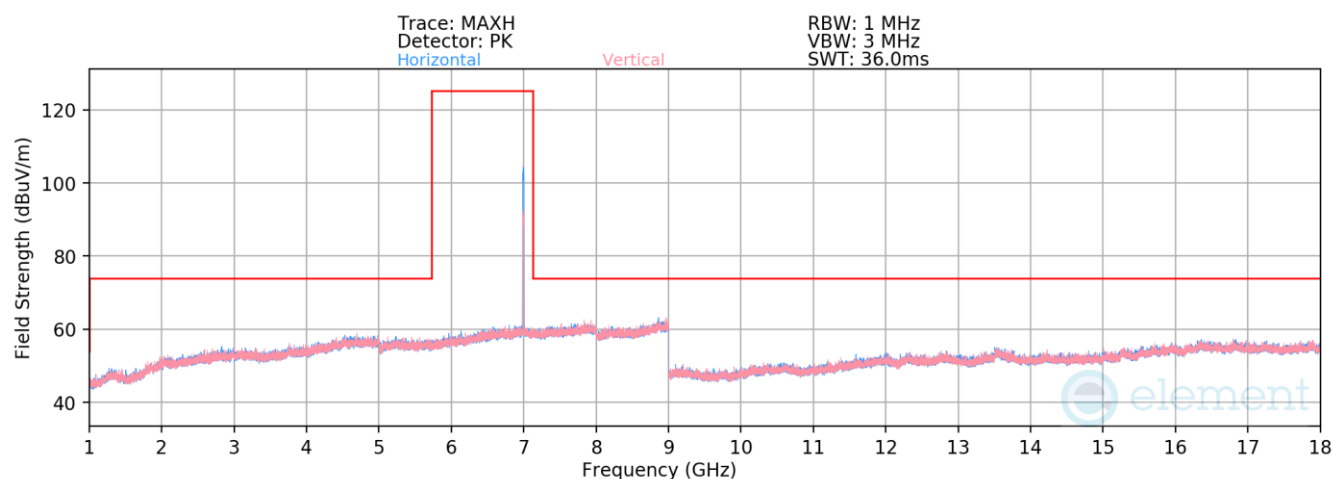
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6895MHz  
Channel: 189

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]
13750.00	Average	H	-	-	-83.13	17.84	41.71	68.20	-26.49

**Table 7-66. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-595. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 209, MCS2)**

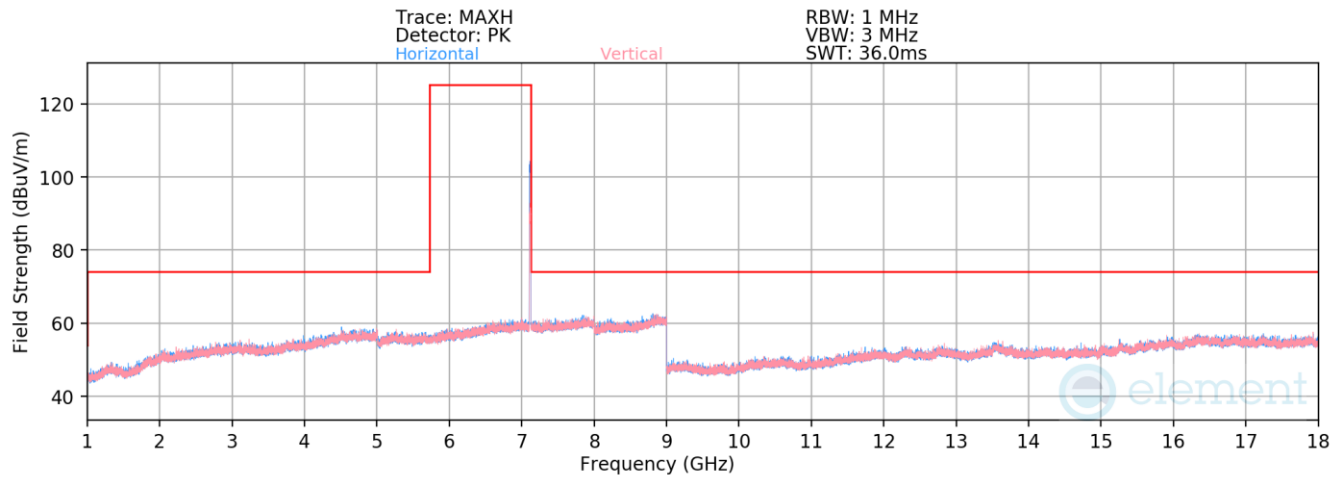
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6995MHz  
Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13990.00	Average	H	-	-	-83.52	17.91	41.39	68.20	-26.81

**Table 7-67. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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**Plot 7-596. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 233)**

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

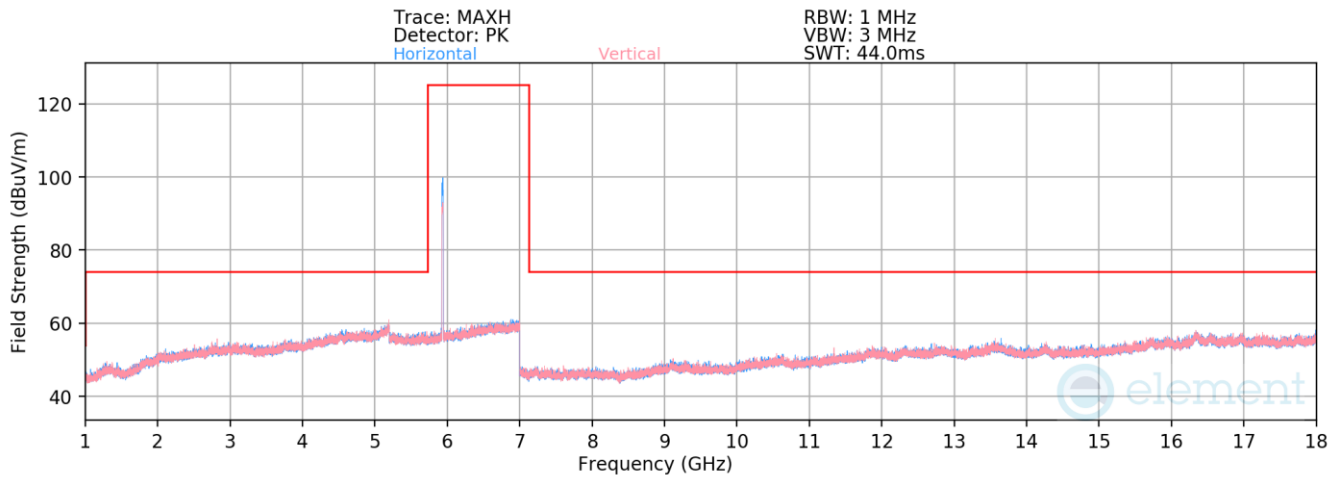
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
14230.00	Average	H	-	-	-83.65	18.64	41.99	68.20	-26.21

**Table 7-68. Radiated Spurious Emission Measurements Antenna 5b**

FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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## 7.7.2 Antenna 4a Radiated Spurious Emission



**Plot 7-597. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 1)**

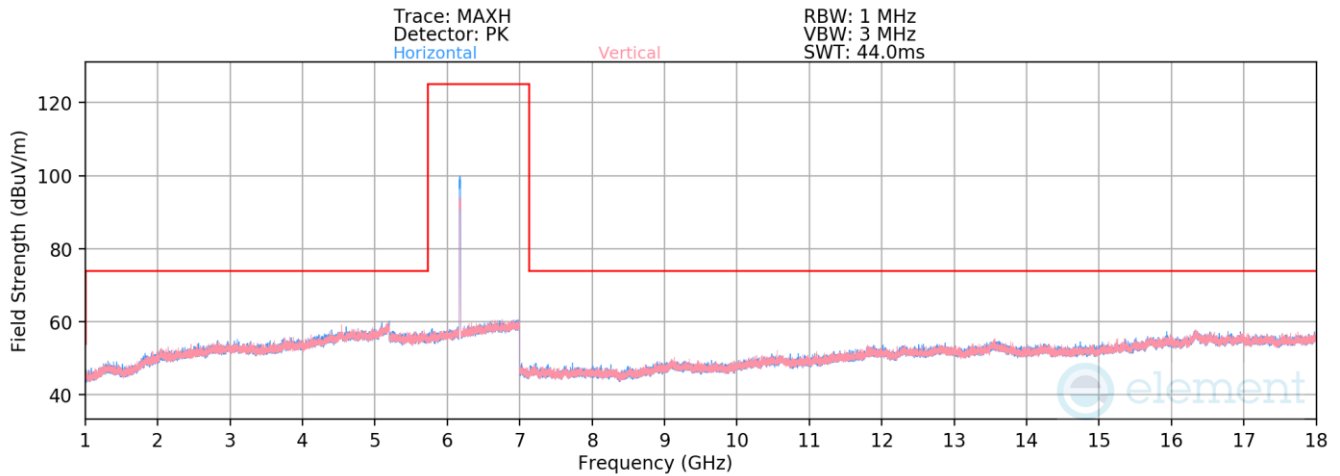
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 5955MHz  
Channel: 1

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	Peak	H	-	-	-72.69	16.96	51.27	73.98	-22.71
* 11910.00	Average	H	-	-	-83.73	16.96	40.23	53.98	-13.75
* 17865.00	Peak	H	-	-	-72.98	21.89	55.91	73.98	-18.07
* 17865.00	Average	H	-	-	-84.21	21.89	44.68	53.98	-9.30

**Table 7-69. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-598. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 45, MCS2)**

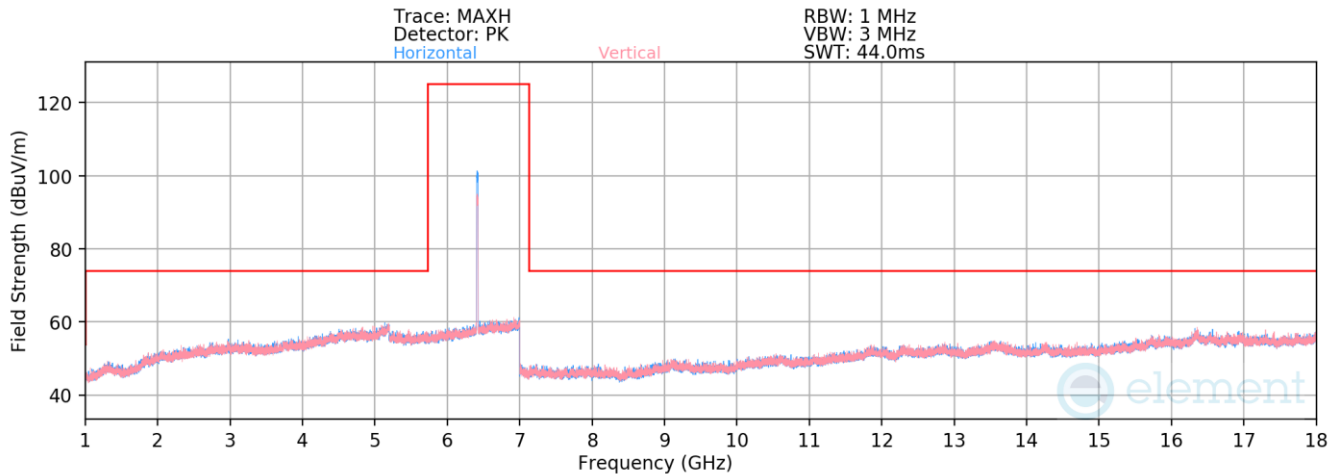
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6175MHz  
Channel: 45

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	Peak	H	-	-	-73.18	17.83	51.65	73.98	-22.33
* 12350.00	Average	H	-	-	-84.20	17.83	40.63	53.98	-13.35

**Table 7-70. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-599. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 93)**

Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6415MHz  
Channel: 93

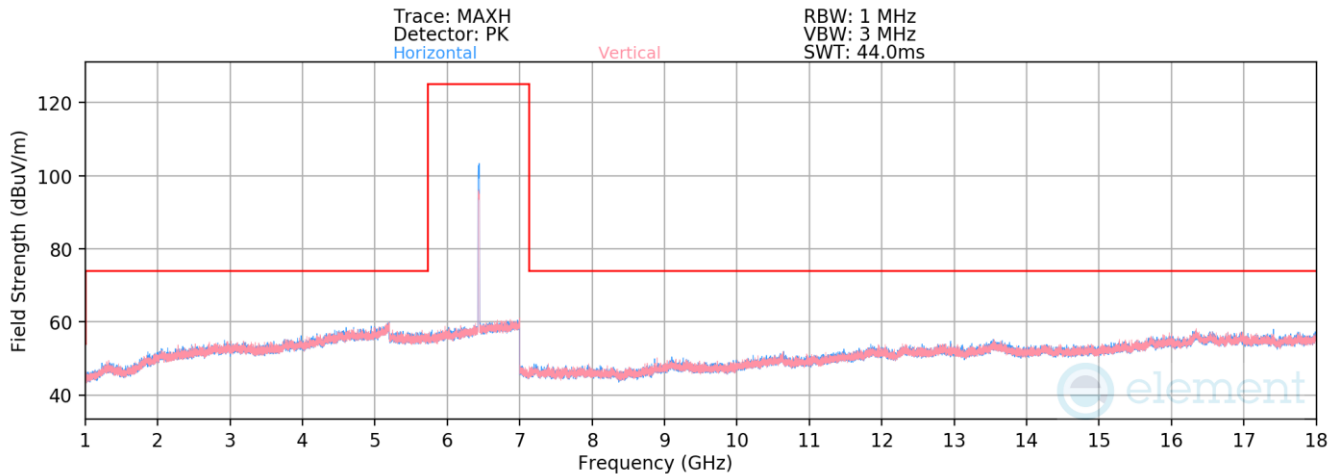
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12830.00	Average	H	-	-	-83.83	18.55	41.72	68.20	-26.48

**Table 7-71. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-600. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 97)**

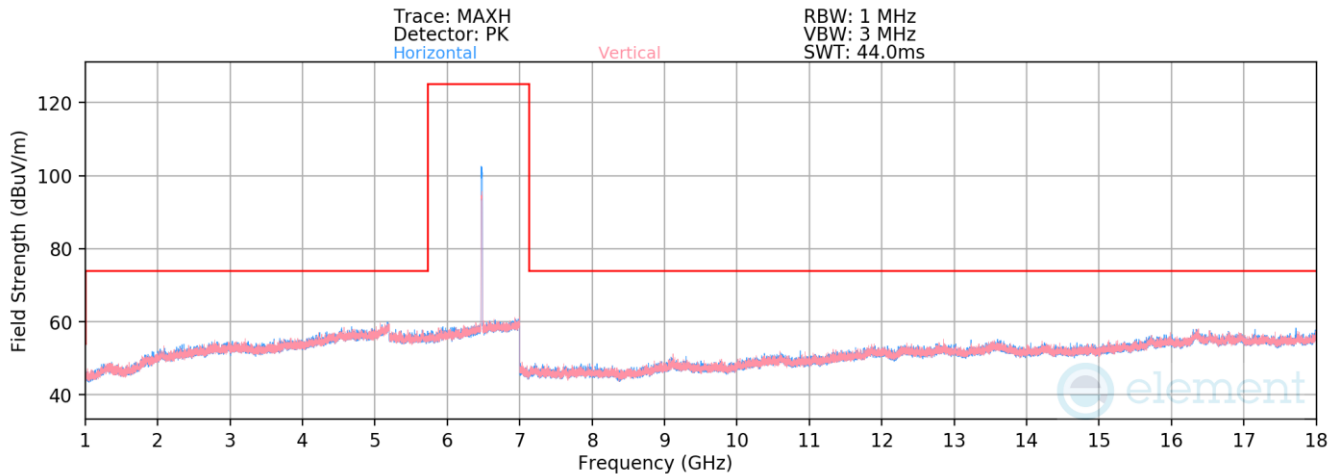
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6435MHz  
Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12870.00	Average	H	-	-	-83.92	18.68	41.76	68.20	-26.44

**Table 7-72. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-601. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 105, MCS2)**

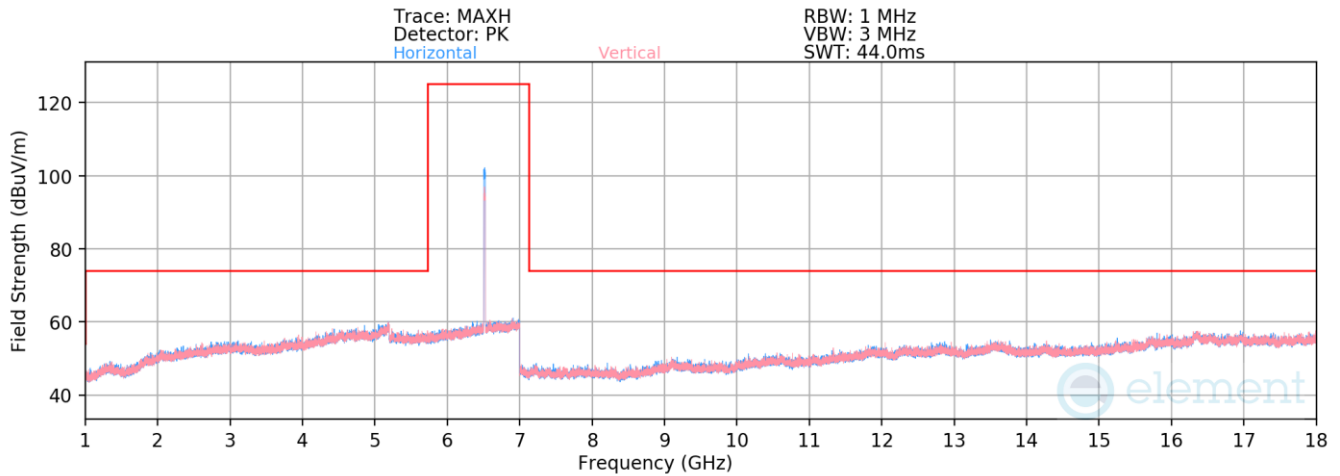
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6475MHz  
Channel: 105

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	-	-	-83.70	18.16	41.46	68.20	-26.74

**Table 7-73. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-602. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 113)**

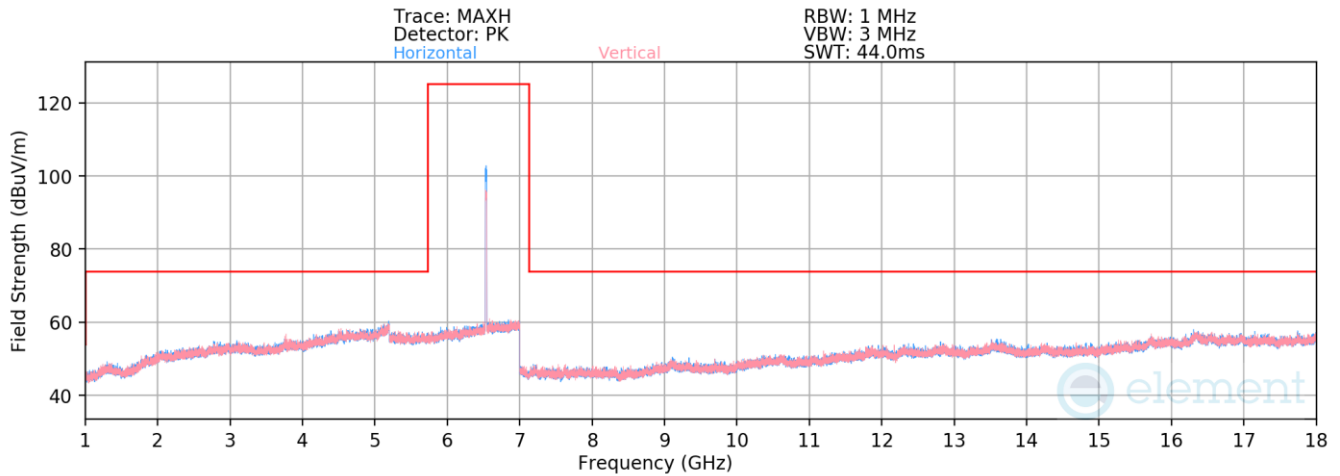
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6515MHz  
Channel: 113

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	-	-	-83.78	18.52	41.74	68.20	-26.46

**Table 7-74. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 199 of 282

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**Plot 7-603. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 117)**

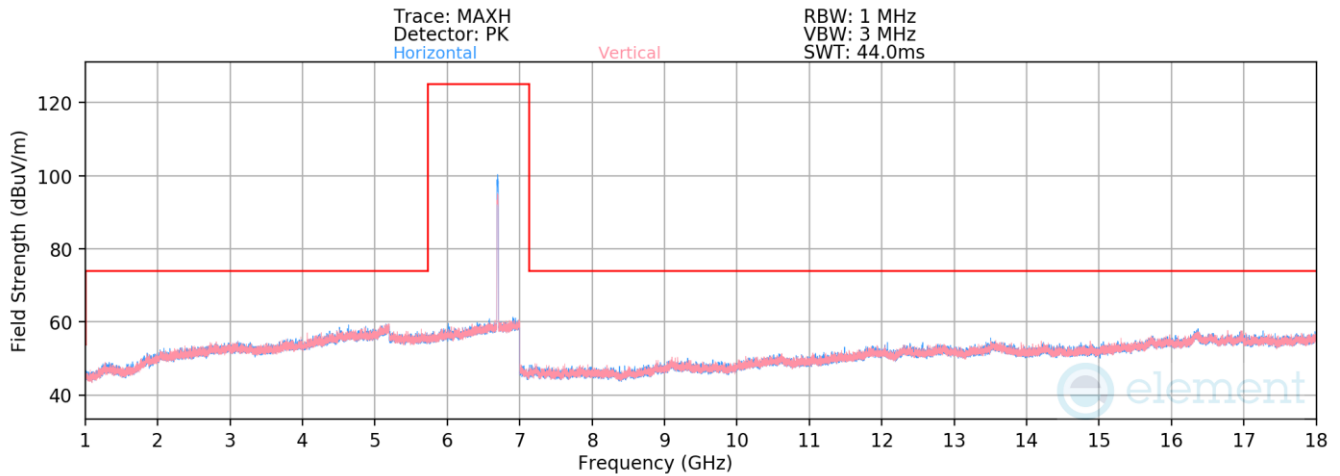
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6535MHz  
Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13070.00	Average	H	-	-	-83.76	18.31	41.55	68.20	-26.65

**Table 7-75. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 200 of 282

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**Plot 7-604. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 149, MCS2)**

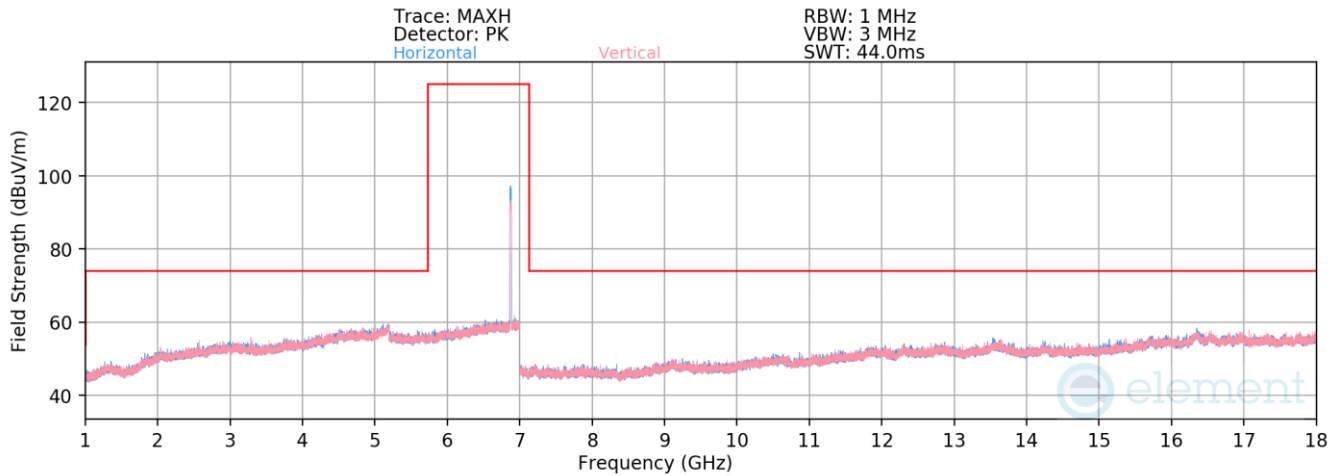
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6695MHz  
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13390.00	Peak	H	-	-	-72.79	18.01	52.22	73.98	-21.76
13390.00	Average	H	-	-	-83.68	18.01	41.33	53.98	-12.65

**Table 7-76. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 201 of 282

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**Plot 7-605. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 185)**

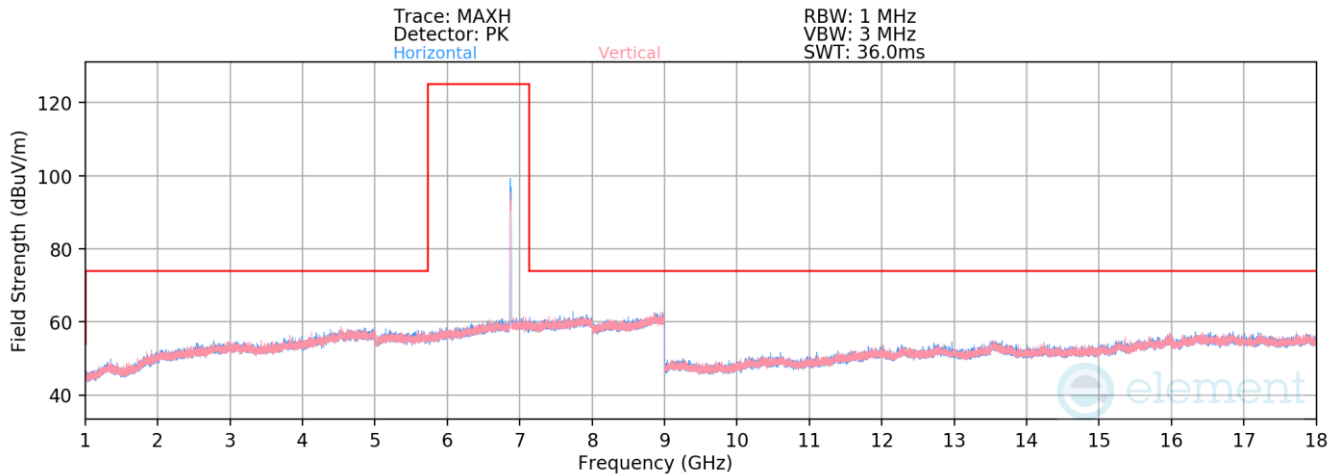
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6875MHz  
Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13750.00	Average	H	-	-	-83.19	17.84	41.65	68.20	-26.55

**Table 7-77. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 202 of 282

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**Plot 7-606. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 189)**

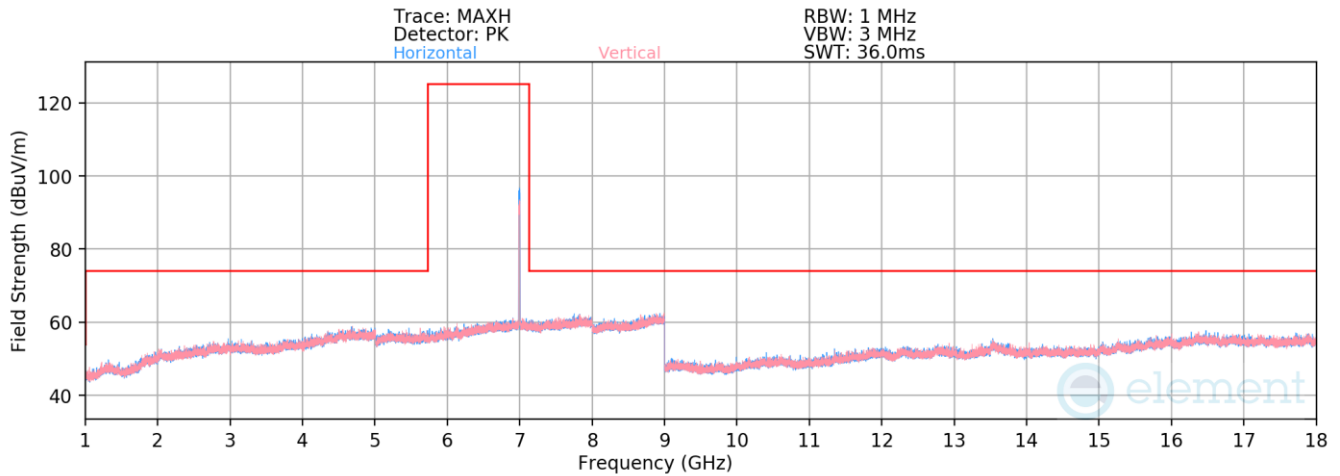
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6895MHz  
Channel: 189

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]
13750.00	Average	H	-	-	-83.24	17.82	41.58	68.20	-26.62

**Table 7-78. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 203 of 282

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**Plot 7-607. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 209, MCS2)**

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

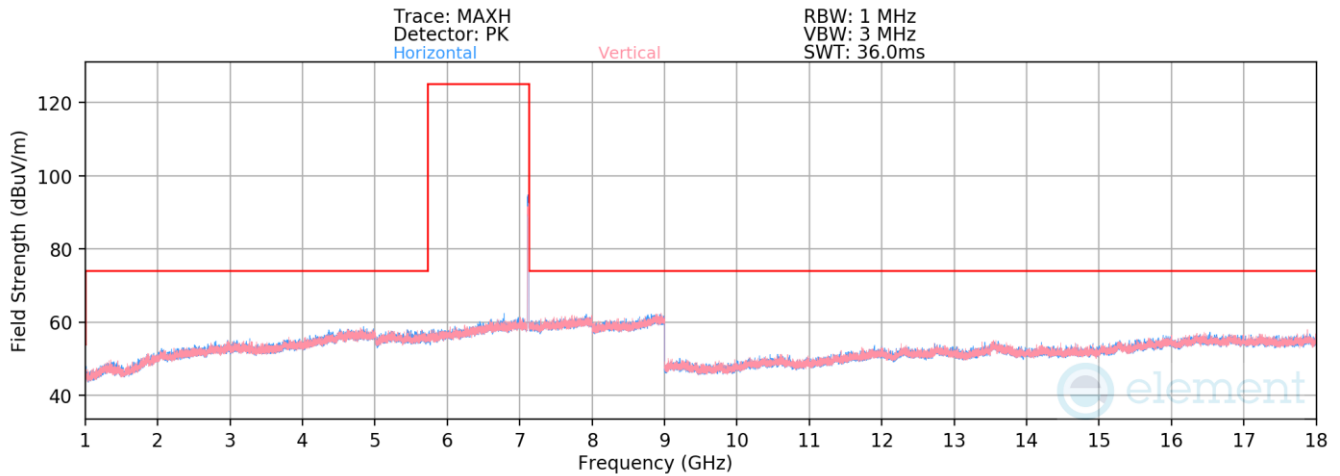
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13990.00	Average	H	-	-	-83.38	17.85	41.47	68.20	-26.73

**Table 7-79. Radiated Spurious Emission Measurements Antenna 4a**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 204 of 282

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**Plot 7-608. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 233)**

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

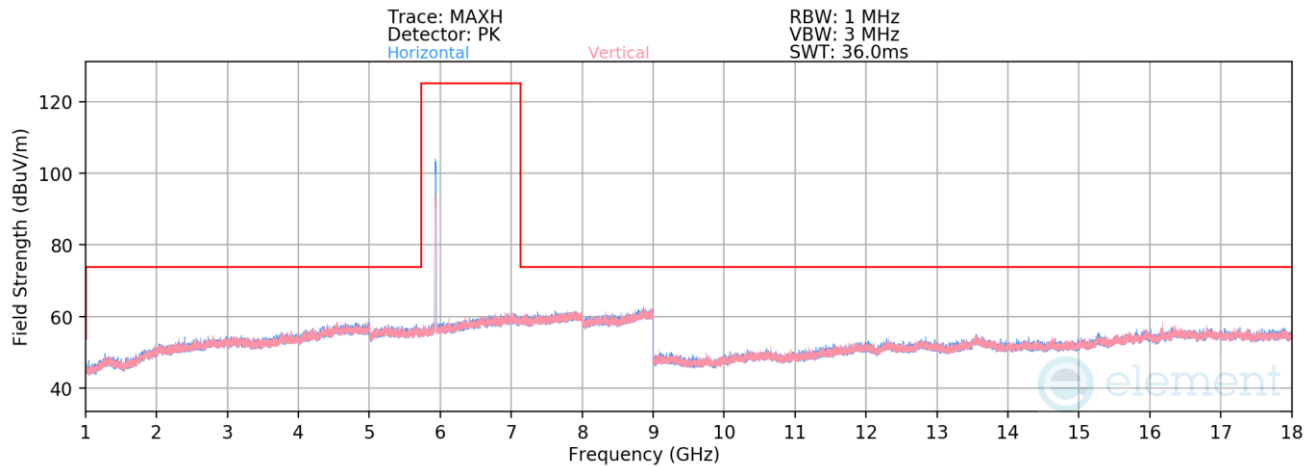
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
14230.00	Average	H	-	-	-83.43	18.14	41.71	68.20	-26.49

**Table 7-80. Radiated Spurious Emission Measurements Antenna 4a**

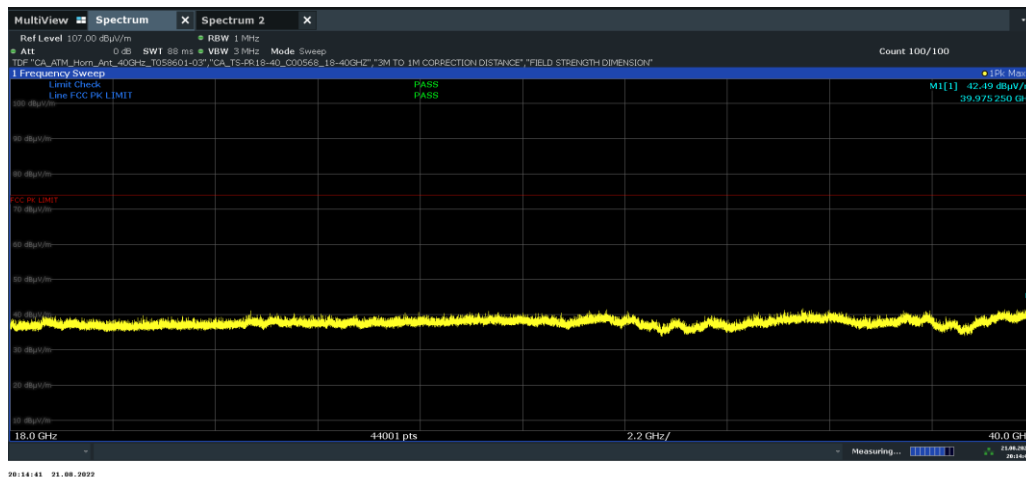
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 205 of 282

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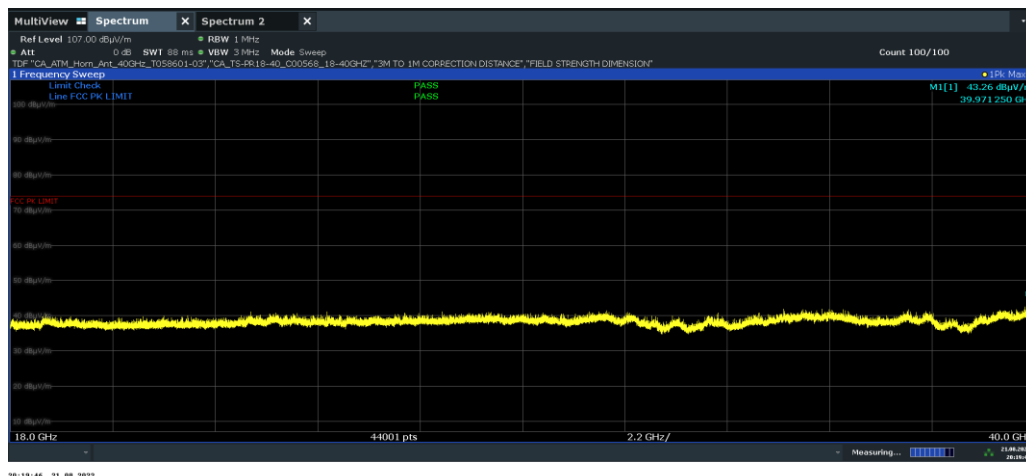
### 7.7.3 SDM Primary Radiated Spurious Emission



Plot 7-609. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 1)



Plot 7-610. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 1, Pol. H)




Plot 7-611. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 1, Pol. V)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 206 of 282

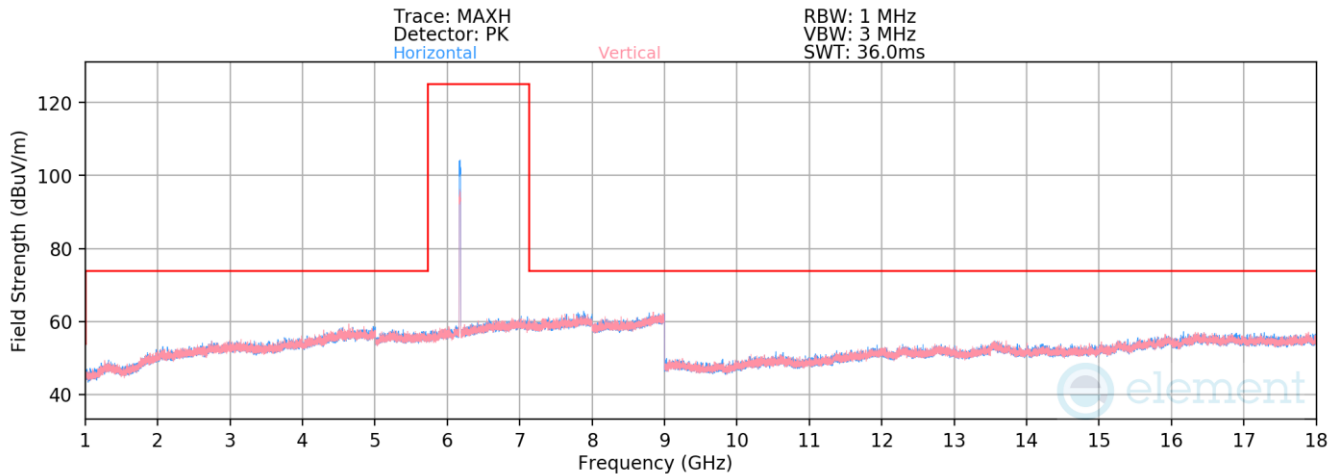
Mode: 802.11ax  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5955MHz  
 Channel: 1

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	11910.00	Peak	H	-	-	-72.05	16.85	51.80	73.98	-22.18
*	11910.00	Average	H	-	-	-83.51	16.85	40.34	53.98	-13.64
*	17865.00	Peak	H	-	-	-72.63	21.45	55.82	73.98	-18.16
*	17865.00	Average	H	-	-	-84.39	21.45	44.06	53.98	-9.92

**Table 7-81. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 207 of 282

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**Plot 7-612. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 45, MCS2)**

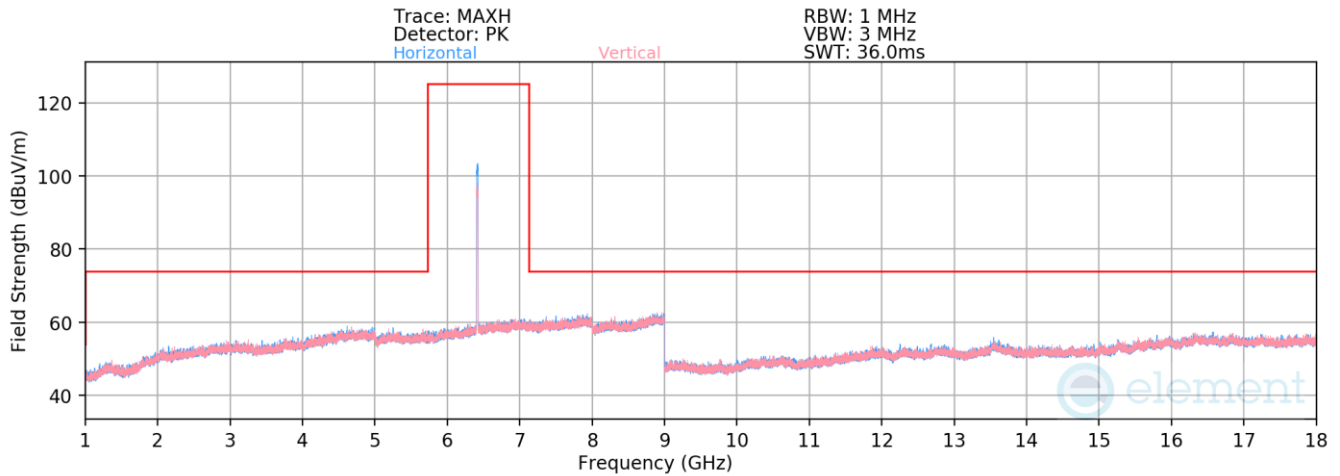
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6175MHz  
Channel: 45

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	Peak	H	-	-	-72.67	17.83	52.16	73.98	-21.82
* 12350.00	Average	H	-	-	-84.21	17.83	40.62	53.98	-13.36

**Table 7-82. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 208 of 282

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**Plot 7-613. Radiated Spurious Emissions above 1GHz CDD (802.11ax – Ch. 93)**

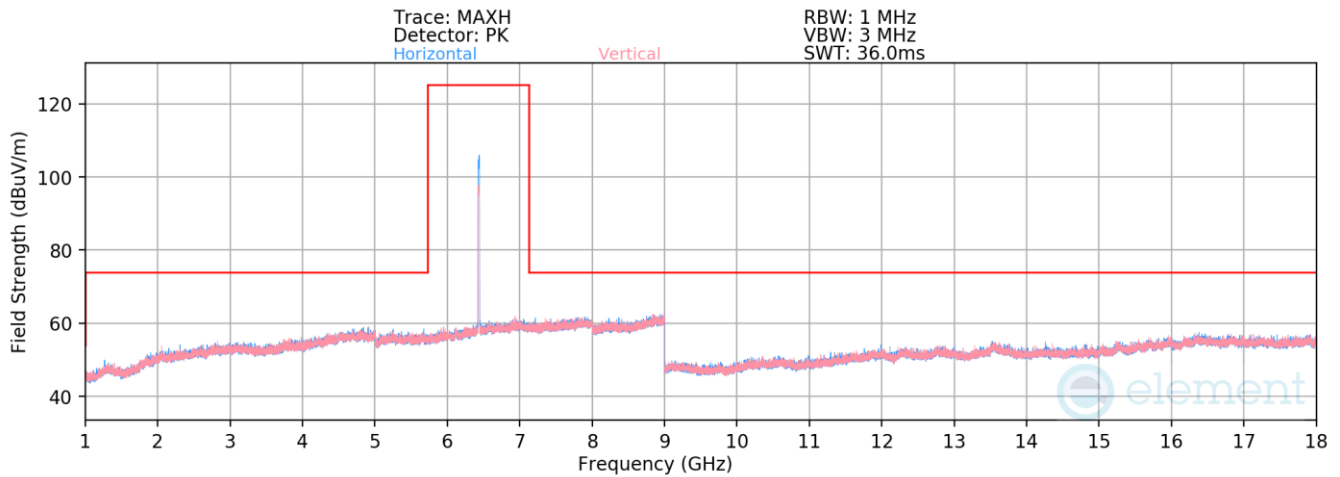
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6415MHz  
Channel: 93

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	H	-	-	-84.14	18.15	41.01	68.20	-27.19

**Table 7-83. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 209 of 282

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**Plot 7-614. Radiated Spurious Emissions above 1GHz CDD (802.11ax – Ch. 97)**

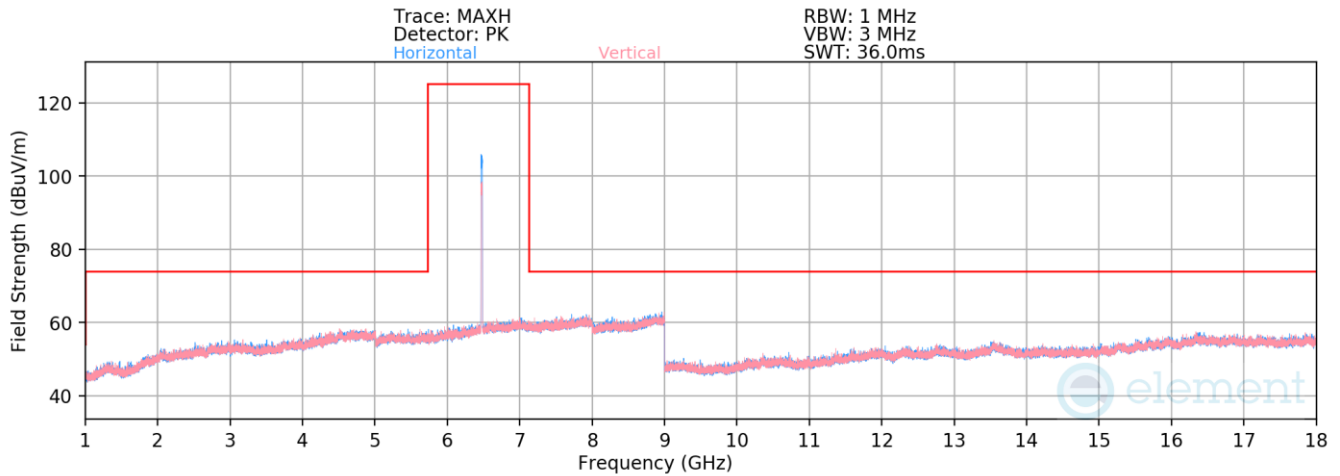
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6435MHz  
Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12870.00	Average	H	-	-	-83.83	18.27	41.44	68.20	-26.76

**Table 7-84. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 210 of 282

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**Plot 7-615. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 105, MCS2)**

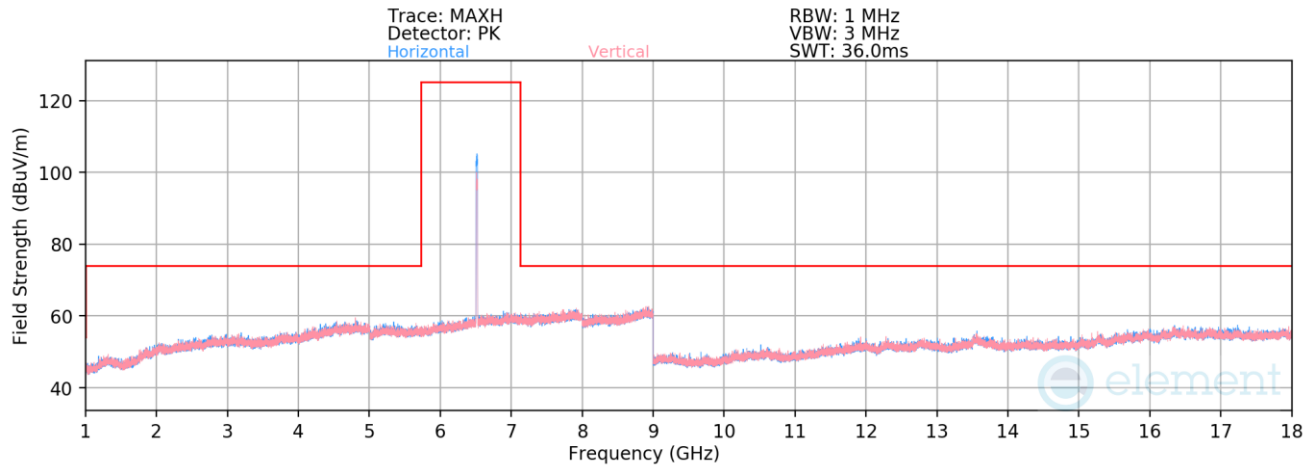
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6475MHz  
Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12950.00	Average	H	-	-	-83.55	18.14	41.59	68.20	-26.61

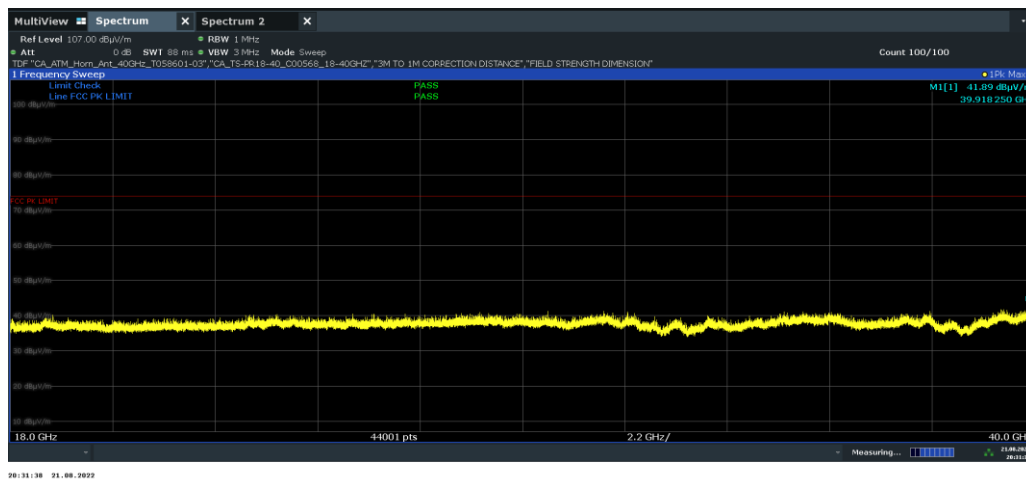
**Table 7-85. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 211 of 282

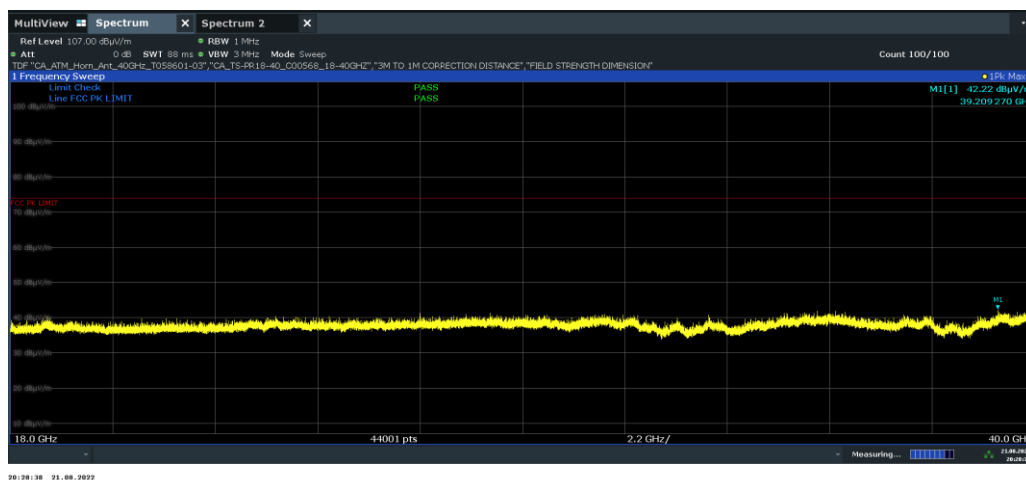
V 10.5 12/15/2021



Plot 7-616. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 113)



Plot 7-617. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 113, Pol. H)



Plot 7-618. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 113, Pol. V)


FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 212 of 282



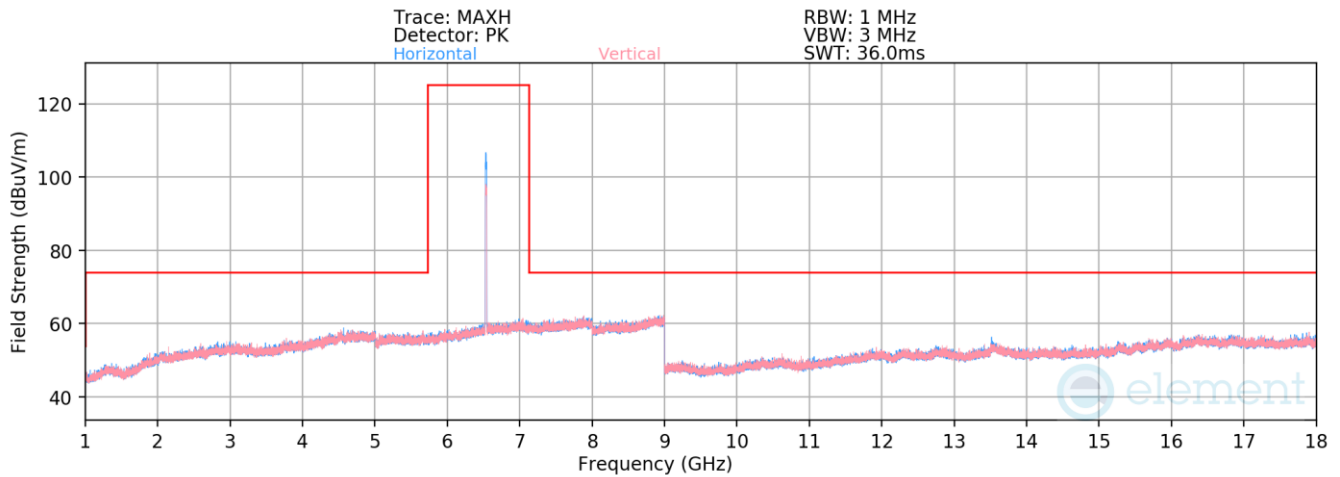
Mode: 802.11ax  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6515MHz  
 Channel: 113

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	-	-	-83.54	18.17	41.63	68.20	-26.57

**Table 7-86. Radiated Spurious Emission Measurements SDM**

<b>FCC ID:</b> BCGA2435 <b>IC:</b> 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090025-21-R3.BCG	<b>Test Dates:</b> 05/27/2022 - 9/12/2022	<b>EUT Type:</b> Tablet Device	Page 213 of 282

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**Plot 7-619. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 117)**

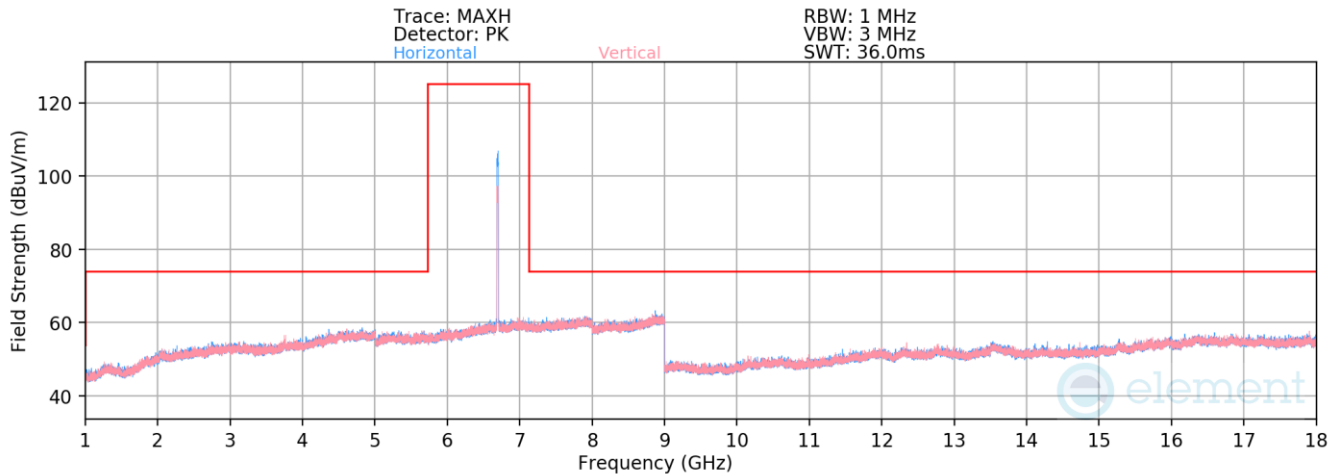
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6535MHz  
Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13070.00	Average	H	-	-	-83.69	18.02	41.33	68.20	-26.87

**Table 7-87. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 214 of 282

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**Plot 7-620. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 149, MCS2)**

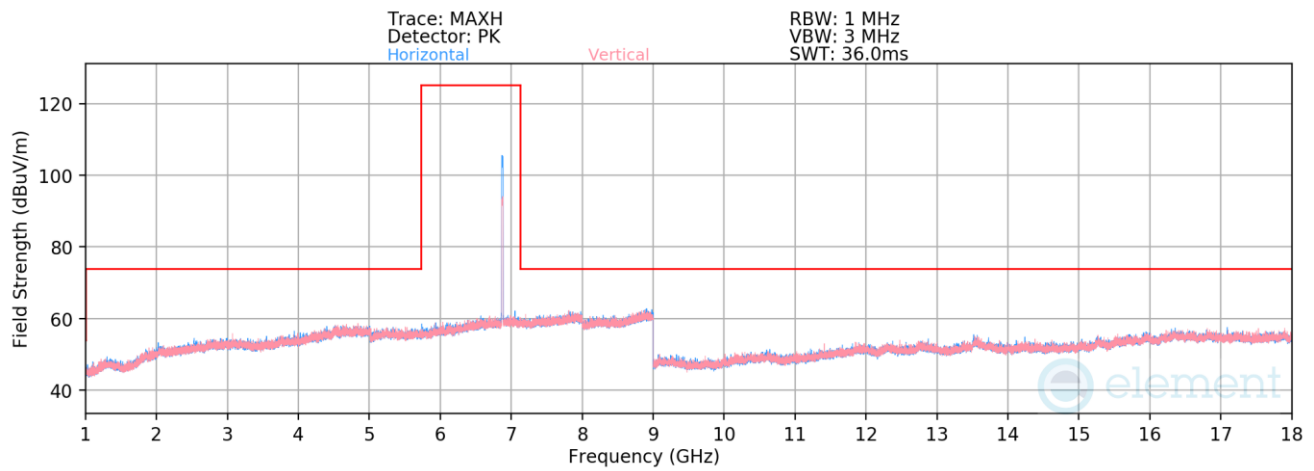
Mode: 802.11ax  
Data Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 6695MHz  
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13390.00	Peak	H	-	-	-72.56	18.12	52.56	73.98	-21.42
13390.00	Average	H	-	-	-83.96	18.12	41.16	53.98	-12.82

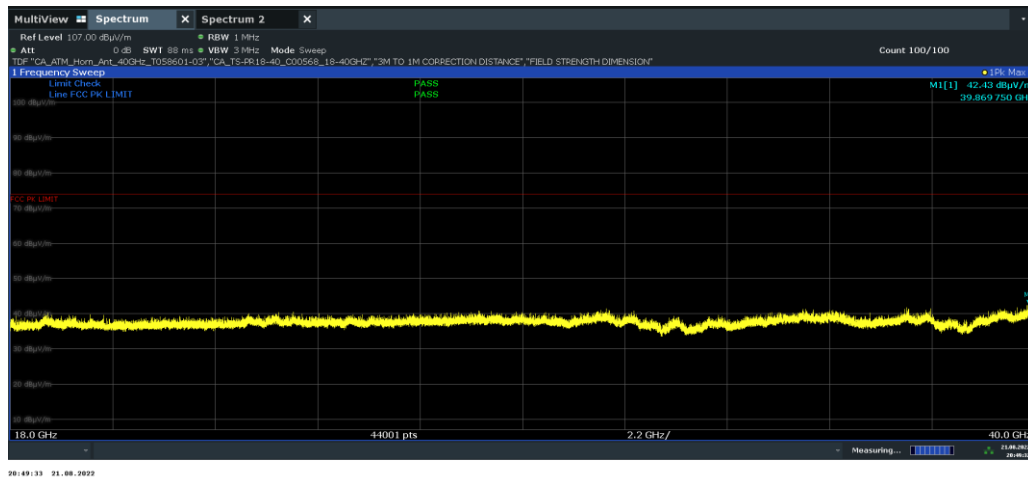
**Table 7-88. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 215 of 282

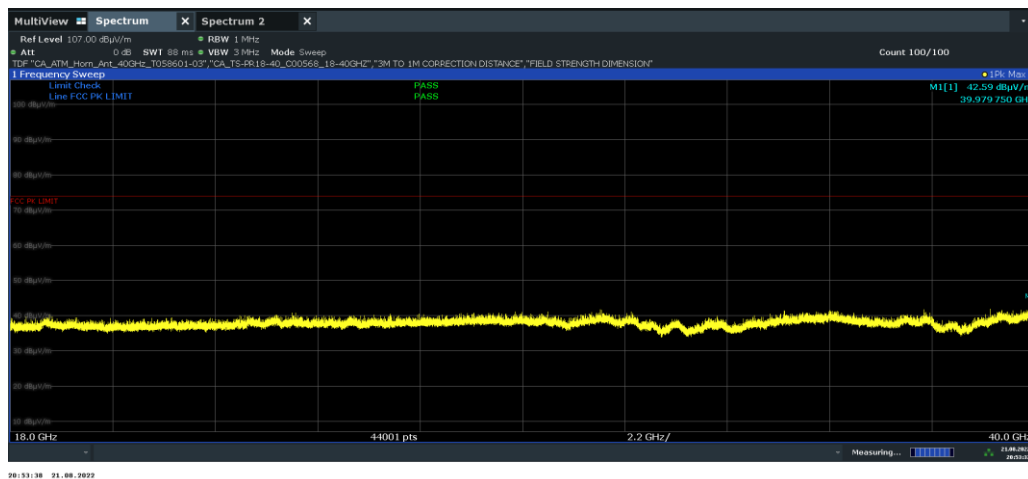
V 10.5 12/15/2021



Plot 7-621. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 185)



Plot 7-622. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 185, Pol. H)




Plot 7-623. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 185, Pol. V)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 216 of 282

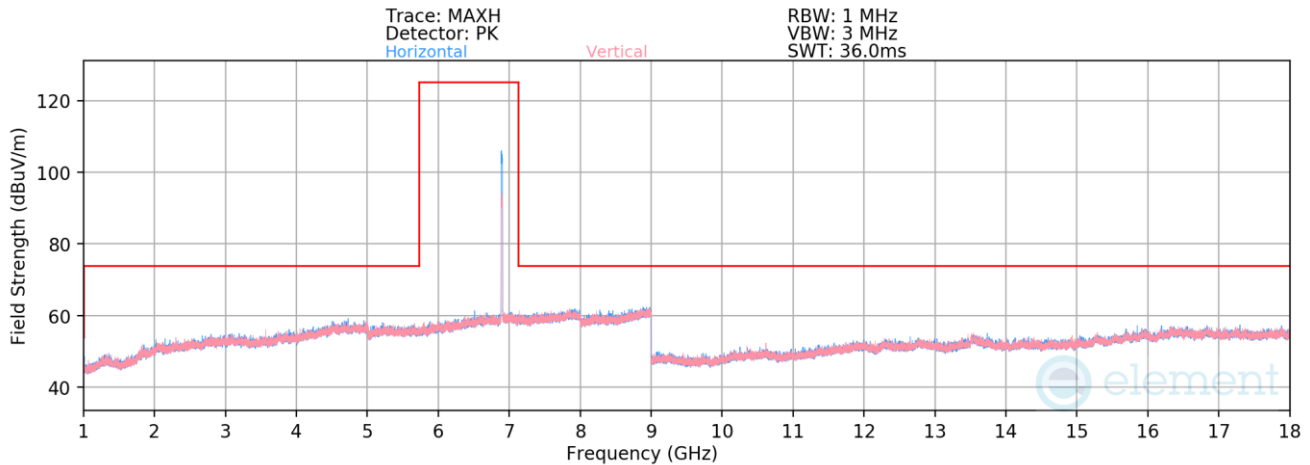
Mode: 802.11ax  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6875MHz  
 Channel: 185

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	-	-	-83.26	17.82	41.56	68.20	-26.64

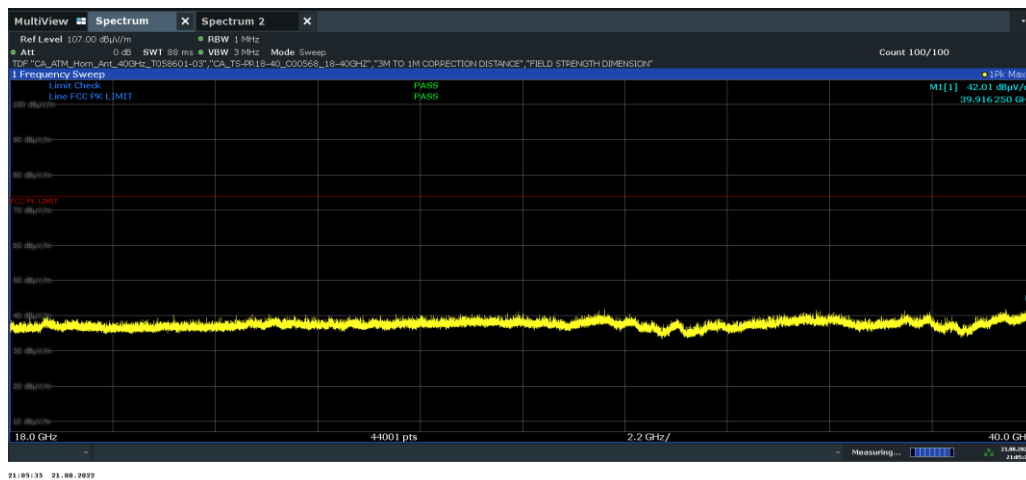
**Table 7-89. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 217 of 282

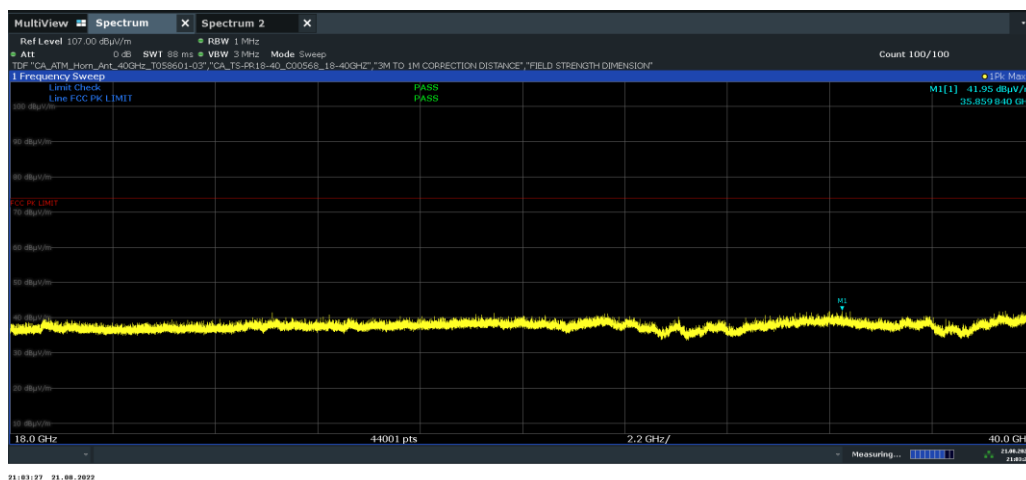
V 10.5 12/15/2021



Plot 7-624. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 189)



Plot 7-625. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 189, Pol. H)



Plot 7-626. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 189, Pol. V)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 218 of 282

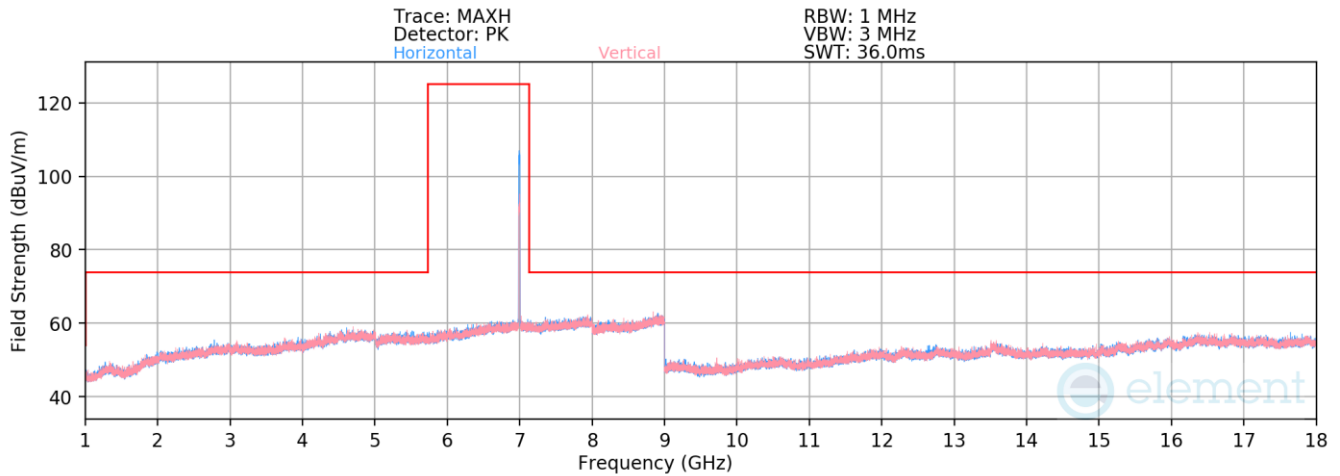
Mode: 802.11ax  
 Data Rate: MCS2  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6895MHz  
 Channel: 189

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]
13750.00	Average	H	-	-	-83.27	17.82	41.55	68.20	-26.65

**Table 7-90. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 219 of 282

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**Plot 7-627. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 209, MCS2)**

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

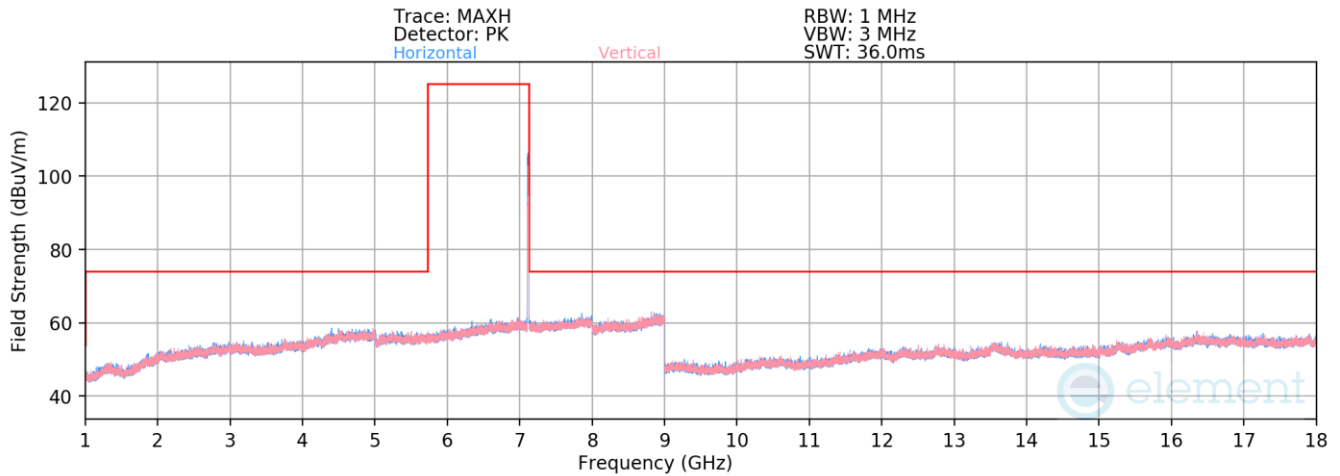
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13990.00	Average	H	-	-	-83.47	17.85	41.38	68.20	-26.82

**Table 7-91. Radiated Spurious Emission Measurements SDM**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 220 of 282

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**Plot 7-628. Radiated Spurious Emissions above 1GHz SDM (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	Average	H	-	-	-83.70	18.14	41.44	68.20	-26.76

**Table 7-92. Radiated Spurious Emission Measurements SDM**

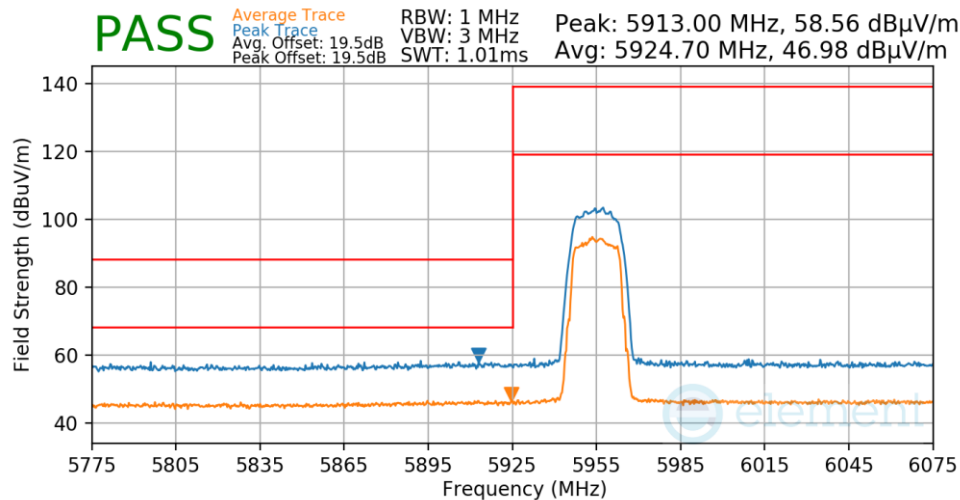
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 221 of 282

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## 7.7.4 Antenna 5b Radiated Band Edge Measurements (20MHz BW)

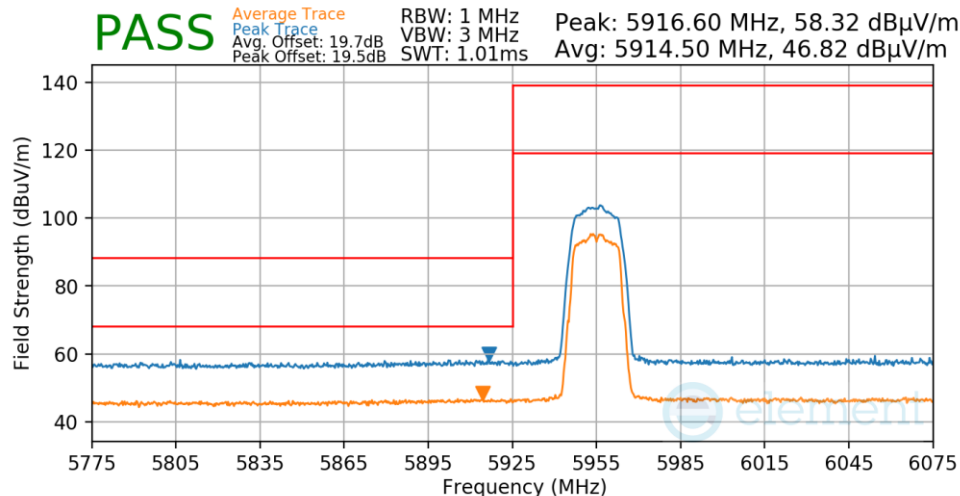
\$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Worst Case Mode:	802.11a
Worst Case Transfer Rate:	12Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



**Plot 7-629. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)**

Worst Case Mode:	802.11a
Worst Case Transfer Rate:	24Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1

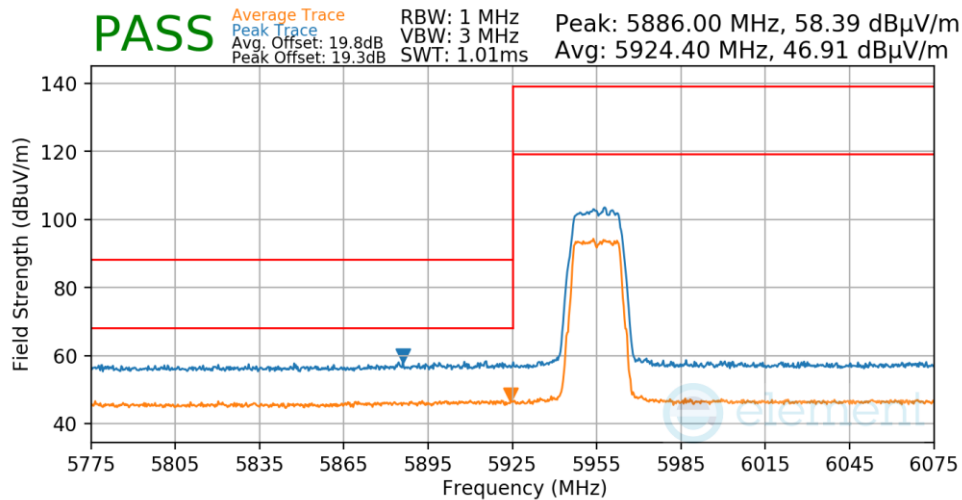


**Plot 7-630. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 222 of 282

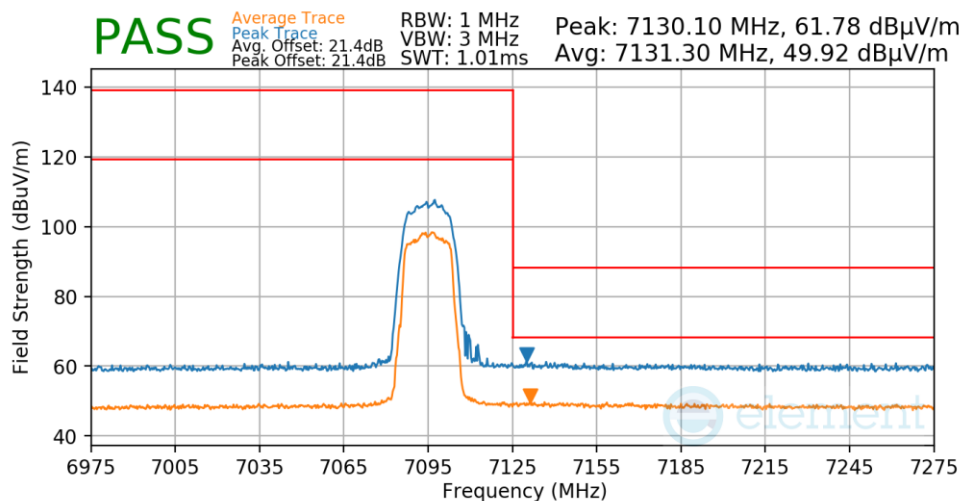
V 10.5 12/15/2021

Worst Case Mode: 802.11a  
Worst Case Transfer Rate: 54Mbps  
Distance of Measurements: 3 Meters  
Operating Frequency: 5955MHz  
Channel: 1



**Plot 7-631. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)**

Worst Case Mode: 802.11a  
Worst Case Transfer Rate: 12Mbps  
Distance of Measurements: 3 Meters  
Operating Frequency: 7095MHz  
Channel: 229

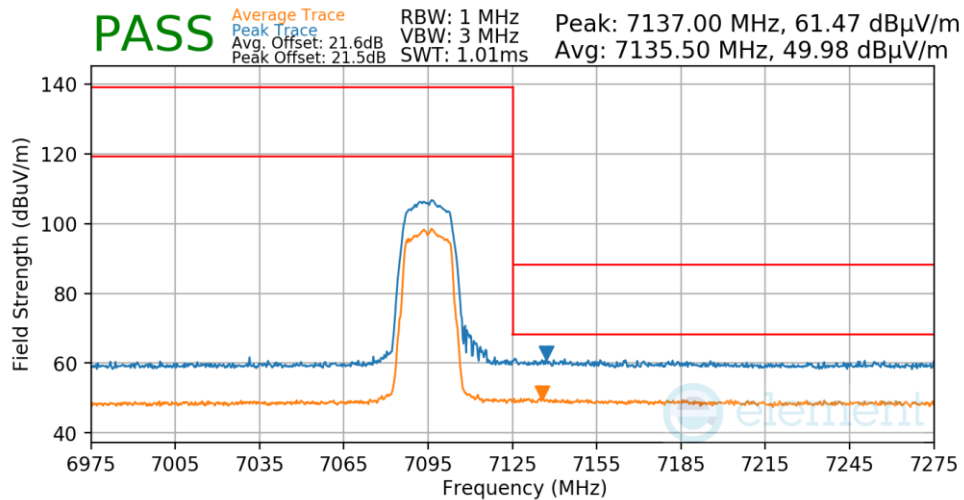


**Plot 7-632. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)**

FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 223 of 282

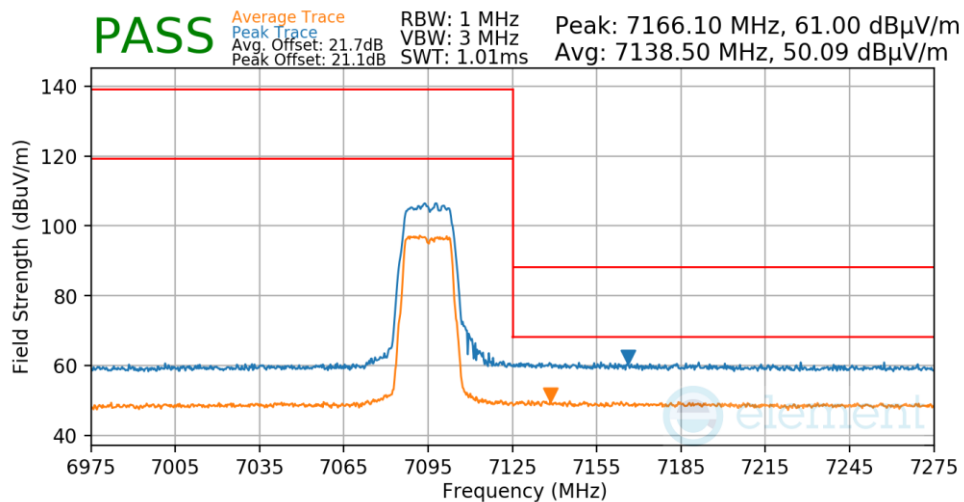
V 10.5 12/15/2021

Worst Case Mode: 802.11a  
Worst Case Transfer Rate: 24Mbps  
Distance of Measurements: 3 Meters  
Operating Frequency: 7095MHz  
Channel: 229



**Plot 7-633. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)**

Worst Case Mode: 802.11a  
Worst Case Transfer Rate: 54Mbps  
Distance of Measurements: 3 Meters  
Operating Frequency: 7095MHz  
Channel: 229

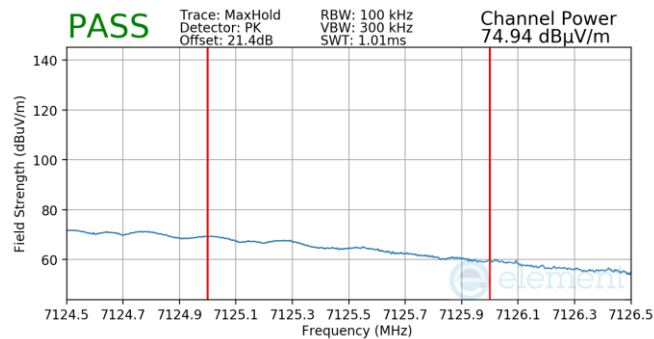


**Plot 7-634. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)**

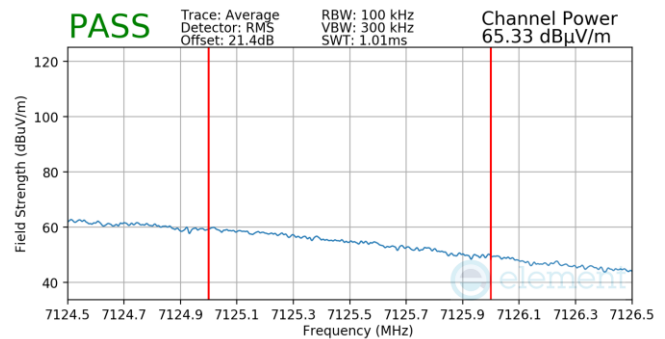
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 224 of 282

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Worst Case Mode: 802.11a  
Worst Case Transfer Rate: 12Mbps  
Distance of Measurements: 3 Meters  
Operating Frequency: 7115MHz  
Channel: 233

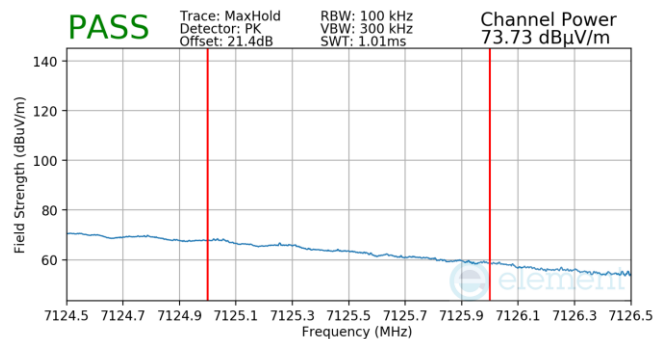


**Plot 7-635. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)**

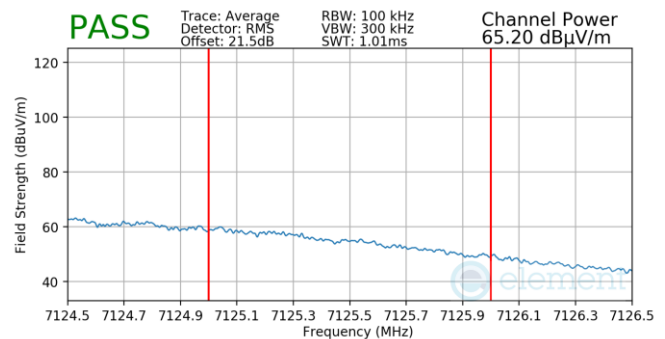


**Plot 7-636. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)**

Worst Case Mode: 802.11a  
Worst Case Transfer Rate: 24Mbps  
Distance of Measurements: 3 Meters  
Operating Frequency: 7115MHz  
Channel: 233



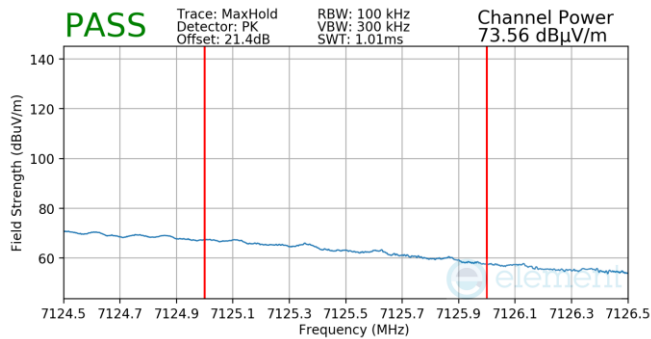
**Plot 7-637. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)**



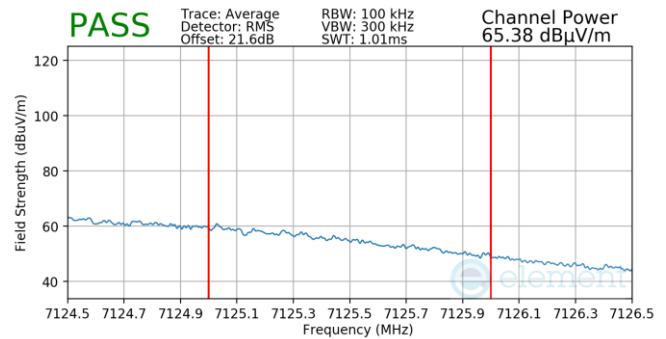
**Plot 7-638. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)**

FCC ID: BCGA2435 IC: 579C-A2435			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device		Page 225 of 282

Worst Case Mode: 802.11a  
 Worst Case Transfer Rate: 54Mbps  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233



**Plot 7-639. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)**

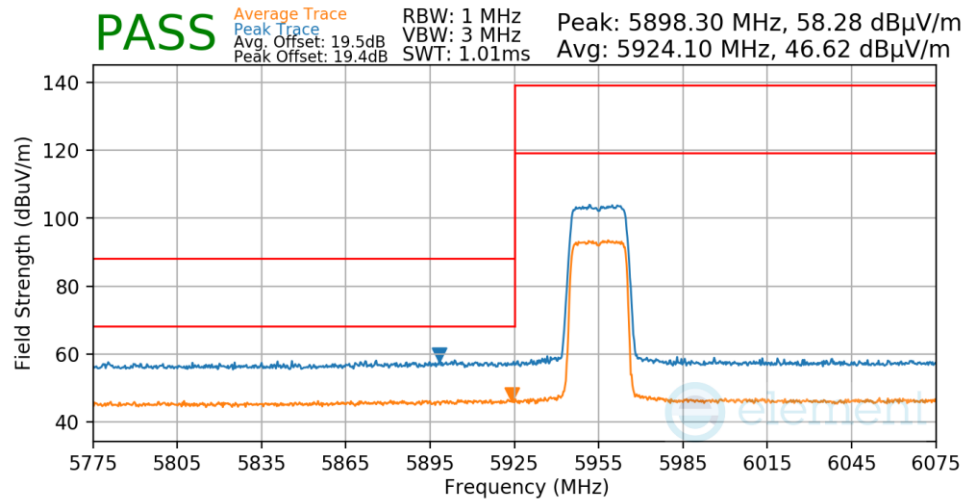


**Plot 7-640. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)**

<b>FCC ID:</b> BCGA2435 <b>IC:</b> 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090025-21-R3.BCG	<b>Test Dates:</b> 05/27/2022 - 9/12/2022	<b>EUT Type:</b> Tablet Device	Page 226 of 282

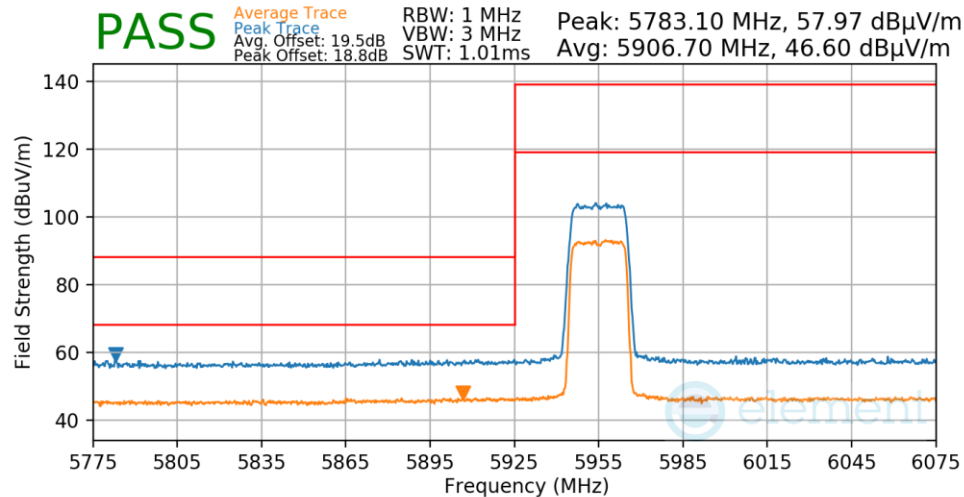
V 10.5 12/15/2021

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



**Plot 7-641. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)**

Worst Case Mode: 802.11ax  
Worst Case Transfer Rate: MCS4  
Distance of Measurements: 3 Meters  
Operating Frequency: 5955MHz  
Channel: 1

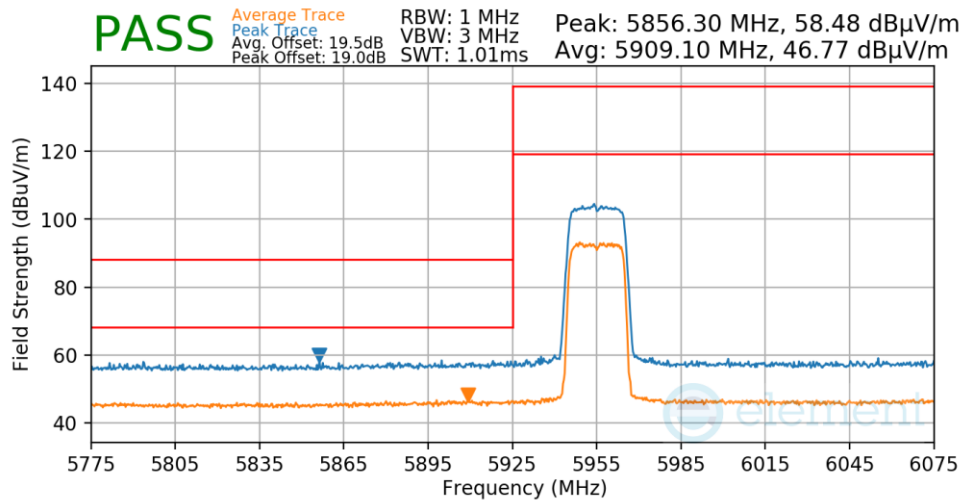


**Plot 7-642. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 227 of 282

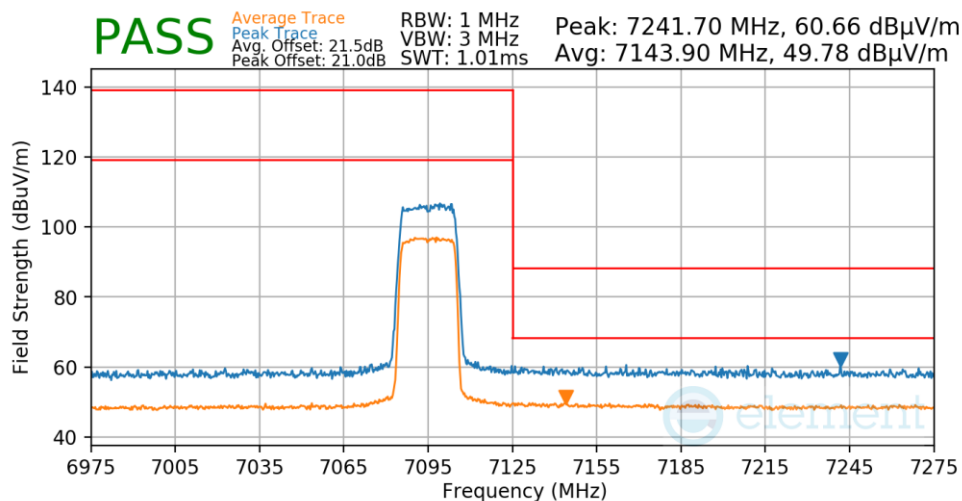
V 10.5 12/15/2021

Worst Case Mode: 802.11ax  
Worst Case Transfer Rate: MCS11  
Distance of Measurements: 3 Meters  
Operating Frequency: 5955MHz  
Channel: 1



**Plot 7-643. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)**

Worst Case Mode: 802.11ax  
Worst Case Transfer Rate: MCS2  
Distance of Measurements: 3 Meters  
Operating Frequency: 7095MHz  
Channel: 229

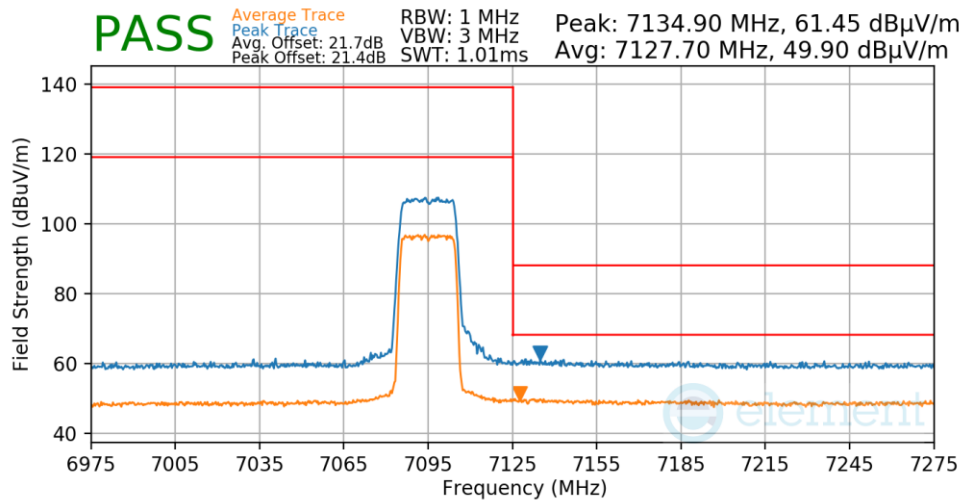


**Plot 7-644. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 228 of 282

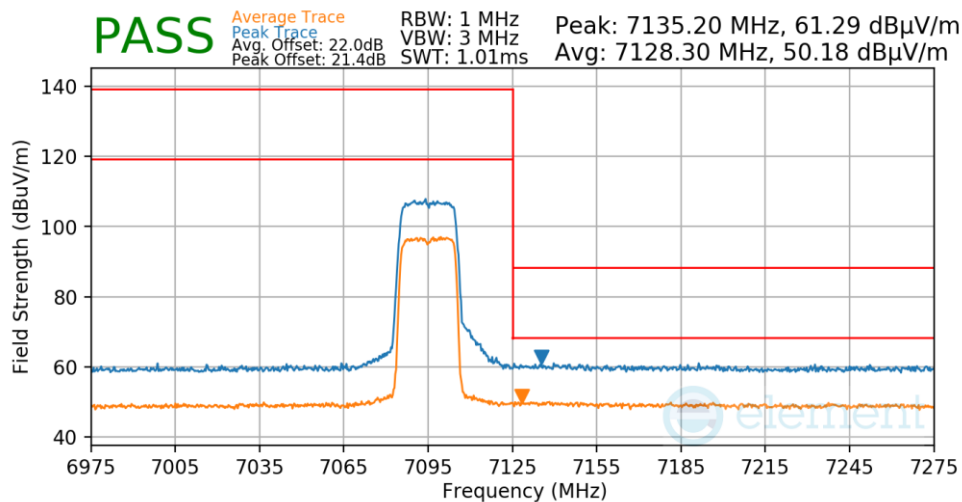


Worst Case Mode: 802.11ax  
Worst Case Transfer Rate: MCS4  
Distance of Measurements: 3 Meters  
Operating Frequency: 7095MHz  
Channel: 229



**Plot 7-645. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)**

Worst Case Mode: 802.11ax  
Worst Case Transfer Rate: MCS11  
Distance of Measurements: 3 Meters  
Operating Frequency: 7095MHz  
Channel: 229

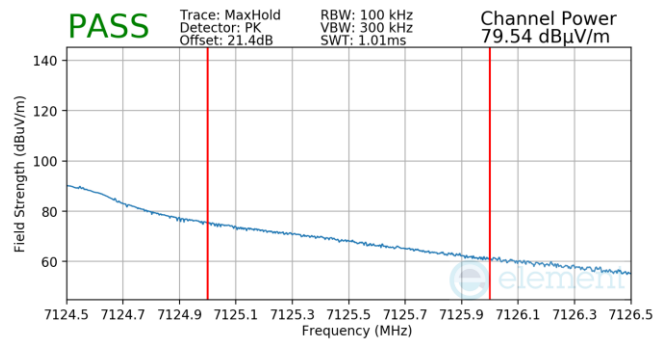


**Plot 7-646. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)**

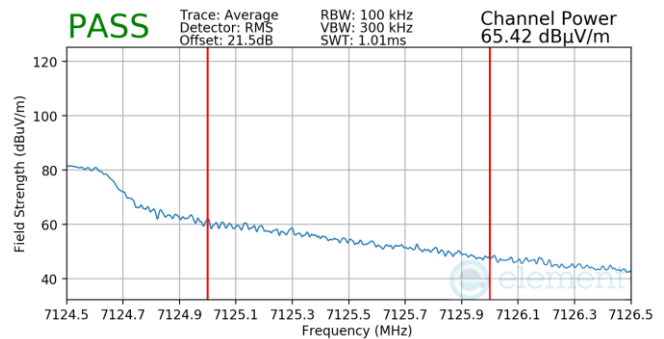
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 229 of 282

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

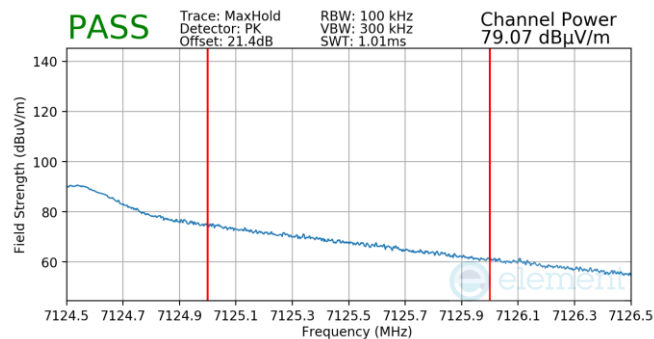


**Plot 7-647. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)**

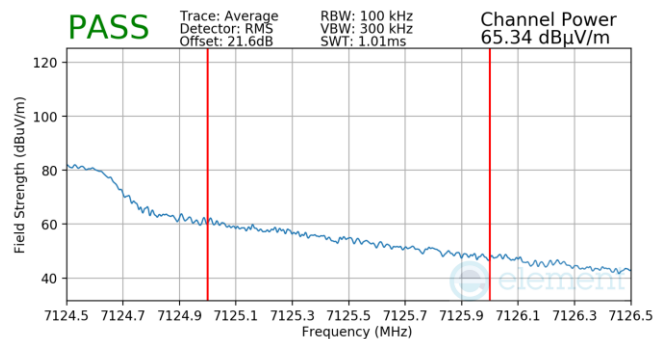


**Plot 7-648. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS4
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



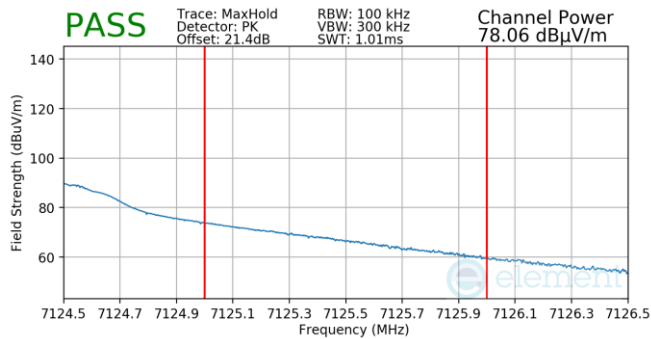
**Plot 7-649. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)**



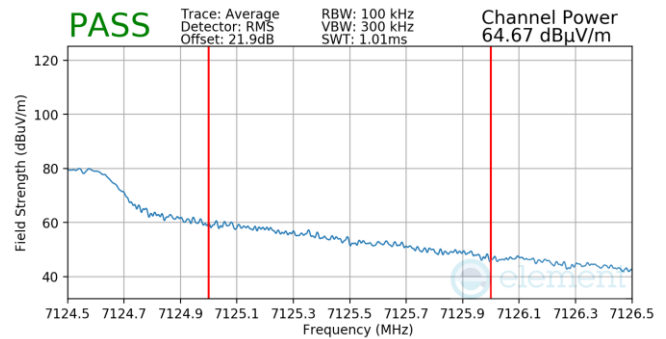
**Plot 7-650. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)**

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 230 of 282

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



**Plot 7-651. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)**



**Plot 7-652. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)**

FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 231 of 282

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