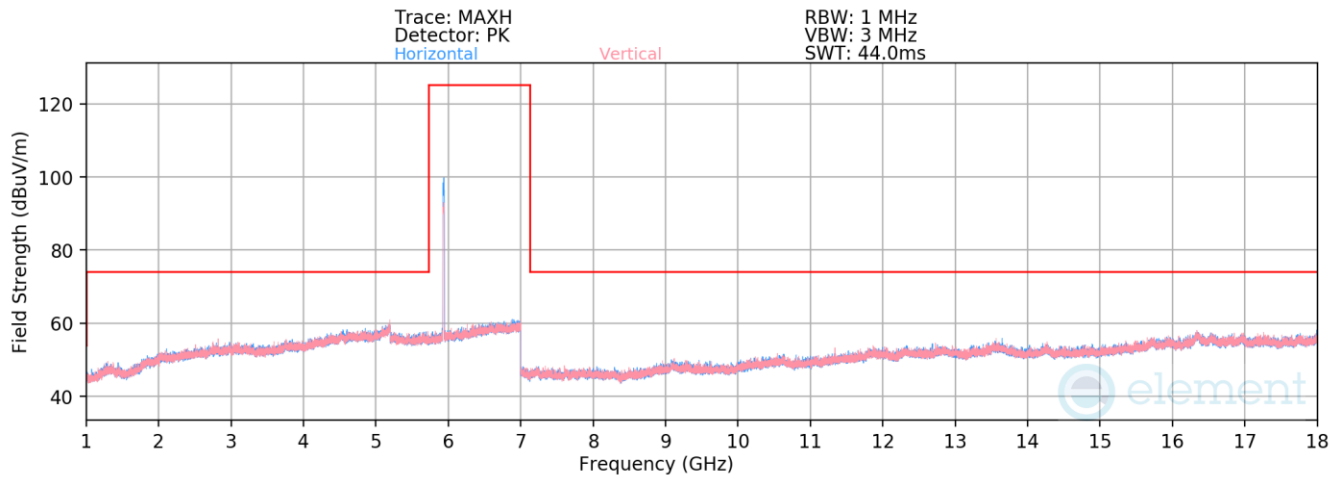


7.7.2 Antenna 4a Radiated Spurious Emission



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

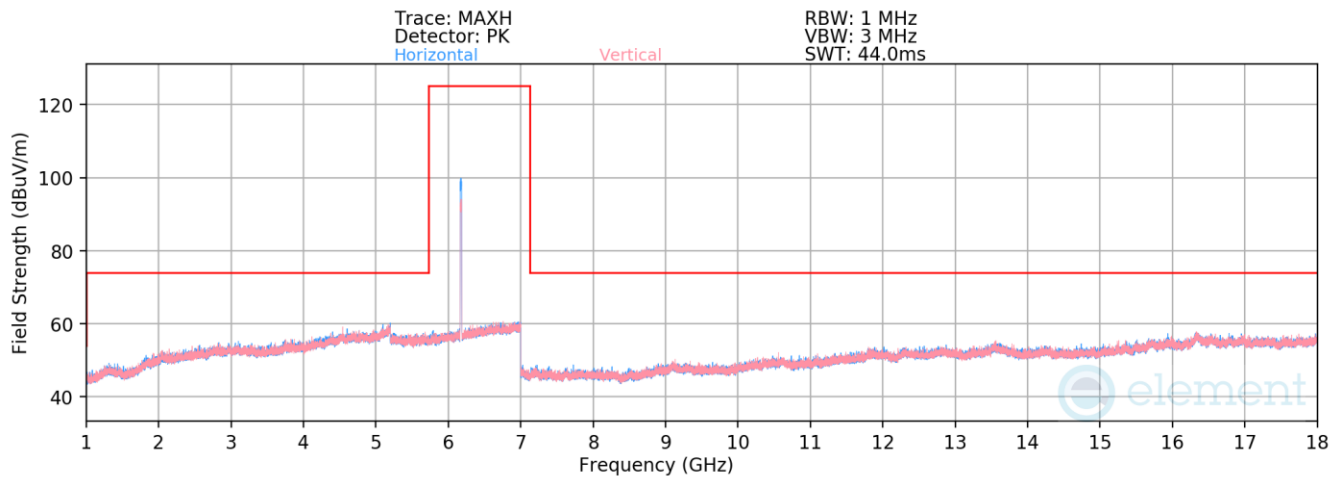
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 5955MHz
Channel: 1

	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
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 194 of 282	

V 10.5 12/15/2021



Plot 7-598. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 45, MCS2)

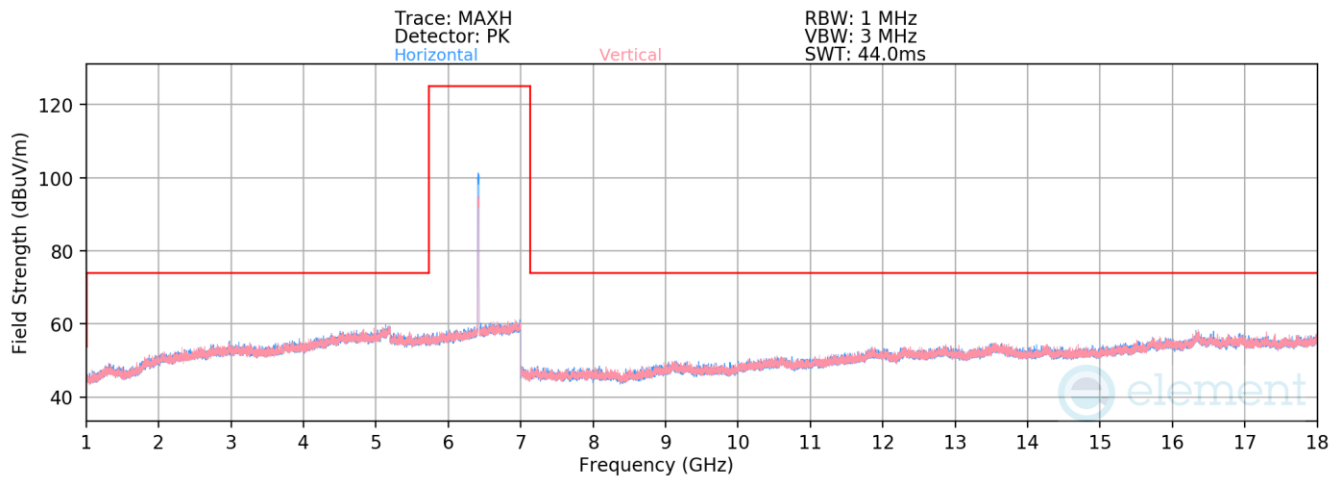
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6175MHz
Channel: 45

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
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 195 of 282

V 10.5 12/15/2021



Plot 7-599. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 93)

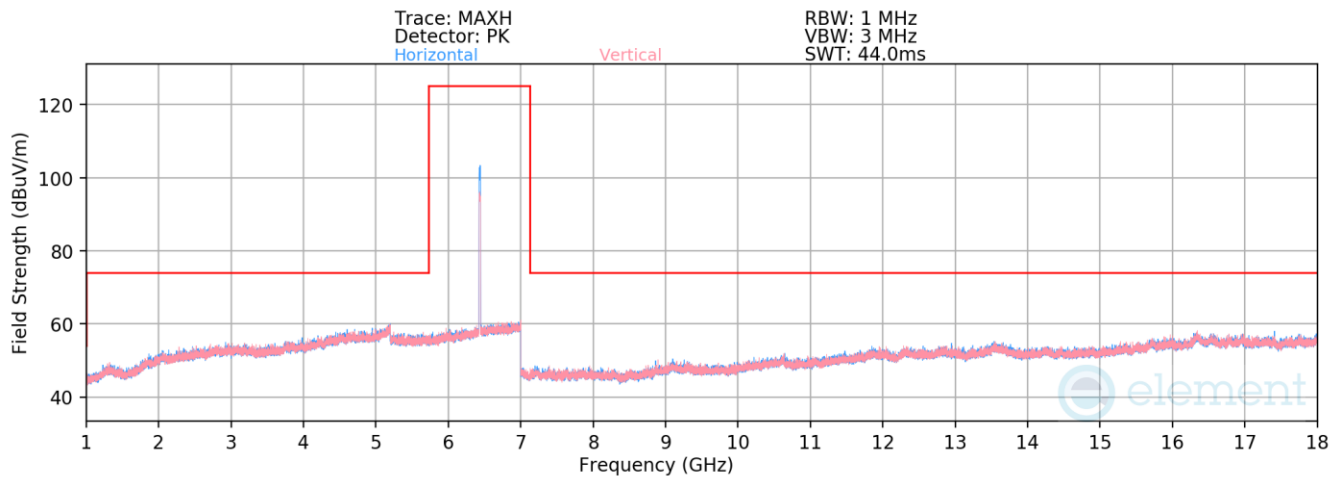
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6415MHz
Channel: 93

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
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 196 of 282

V 10.5 12/15/2021



Plot 7-600. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 97)

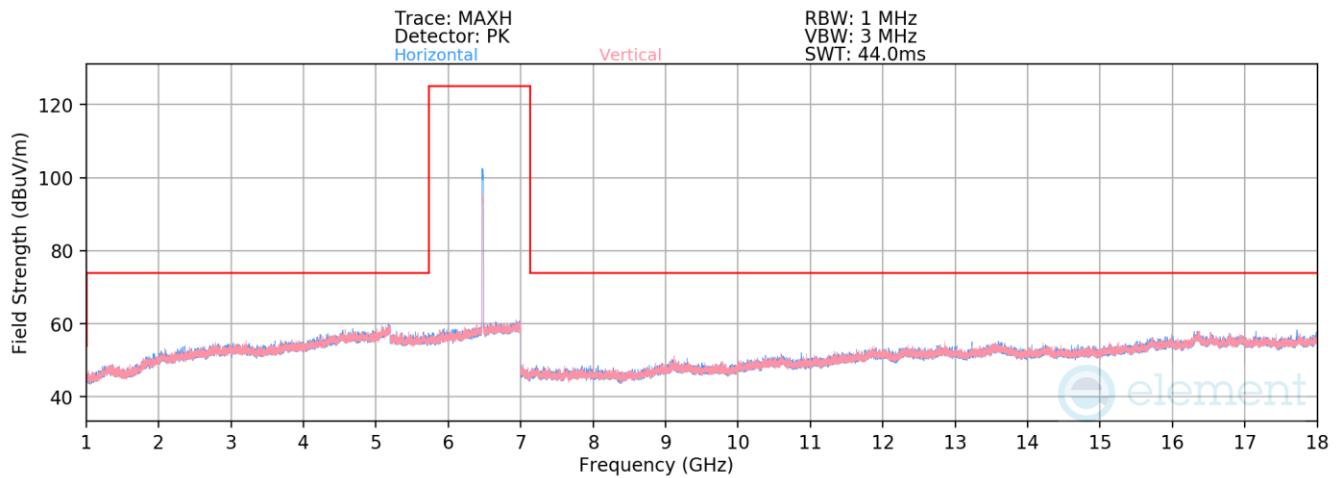
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6435MHz
Channel: 97

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
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 197 of 282

V 10.5 12/15/2021



Plot 7-601. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 105, MCS2)

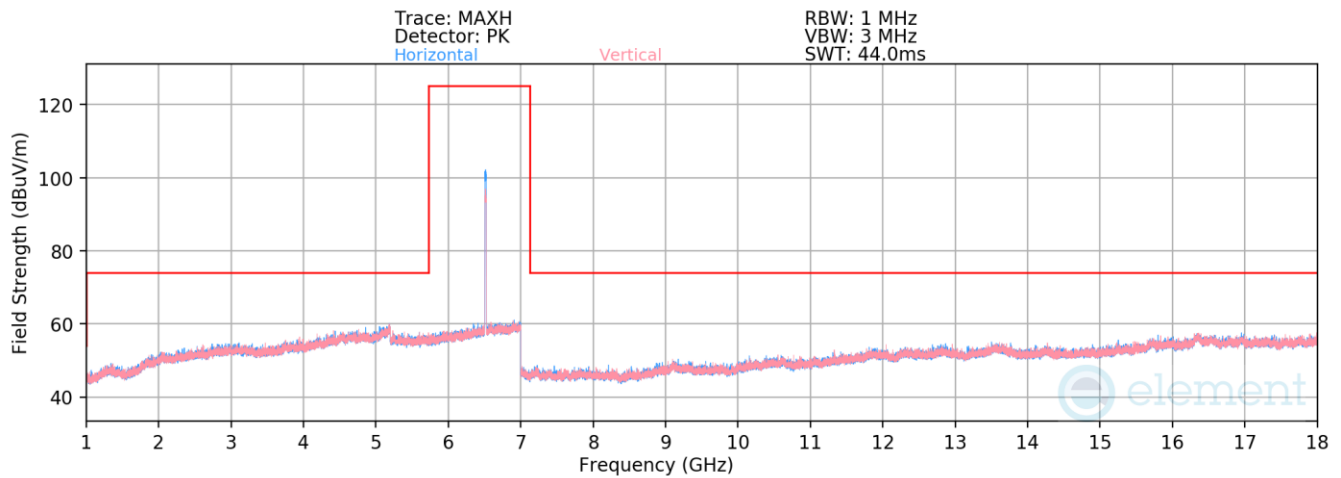
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6475MHz
Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/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
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 198 of 282

V 10.5 12/15/2021



Plot 7-602. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 113)

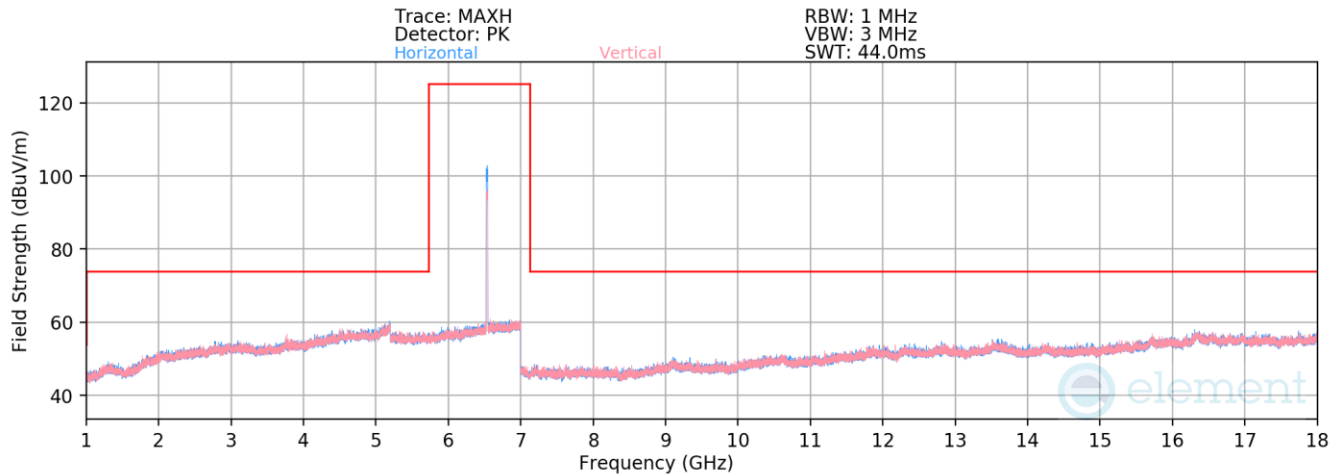
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6515MHz
Channel: 113

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 199 of 282

V 10.5 12/15/2021



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

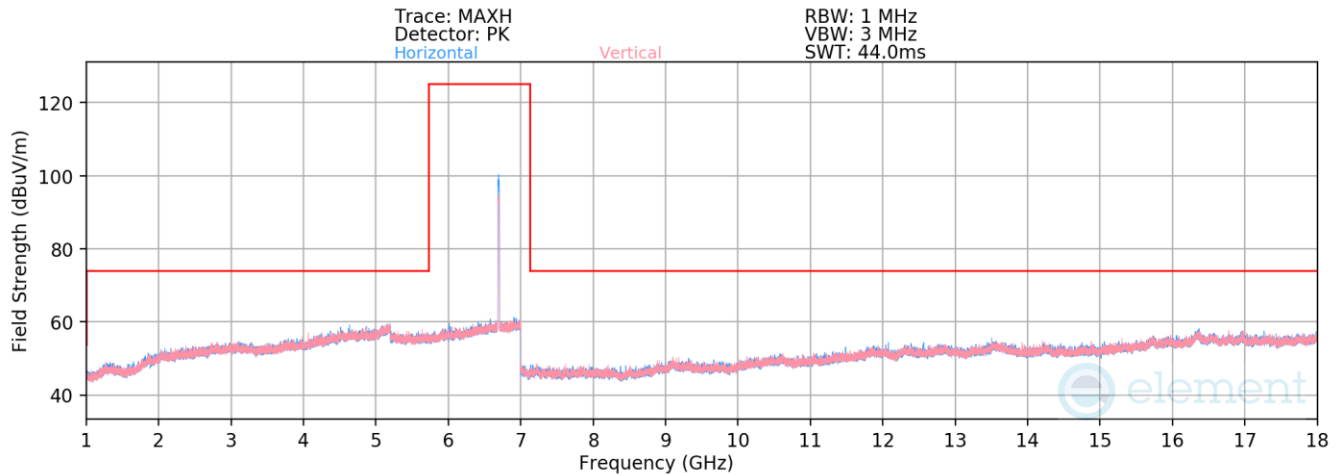
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6535MHz
Channel: 117

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 200 of 282

V 10.5 12/15/2021



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

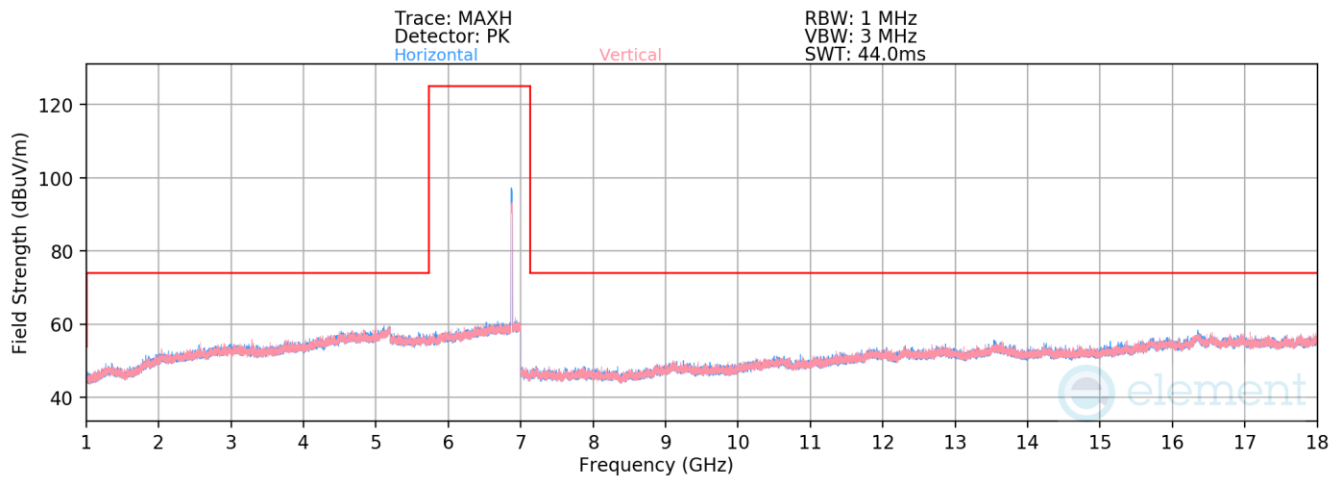
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6695MHz
Channel: 149

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 201 of 282

V 10.5 12/15/2021



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

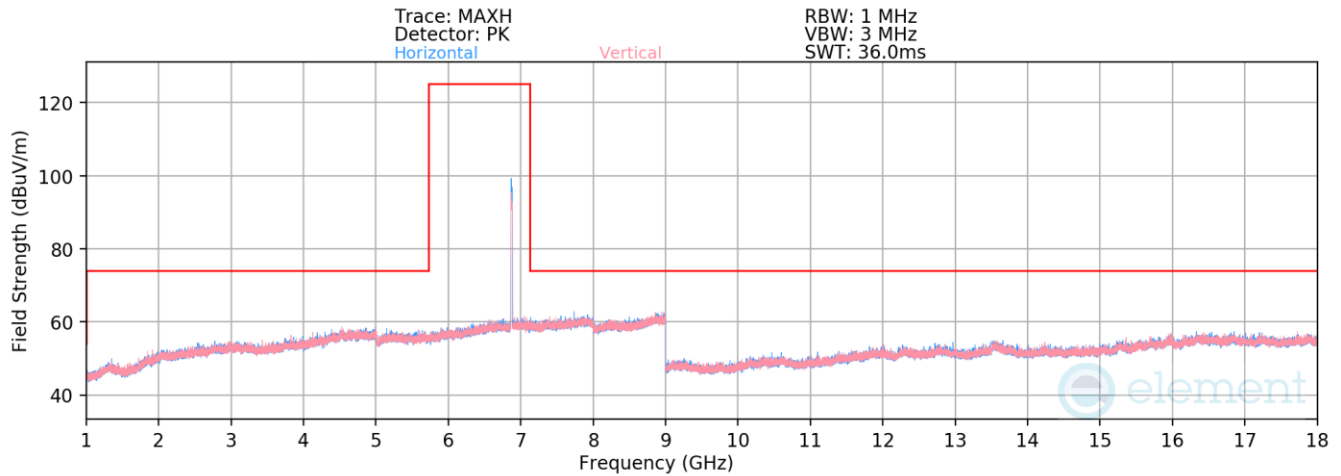
Channel: 185

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 202 of 282

V 10.5 12/15/2021



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

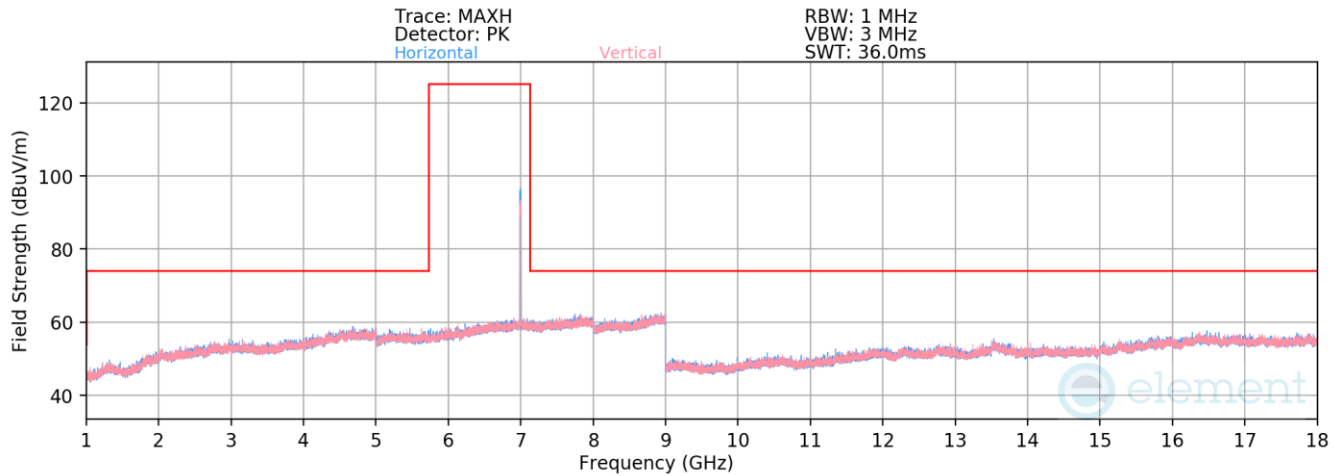
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6895MHz
Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 203 of 282

V 10.5 12/15/2021



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

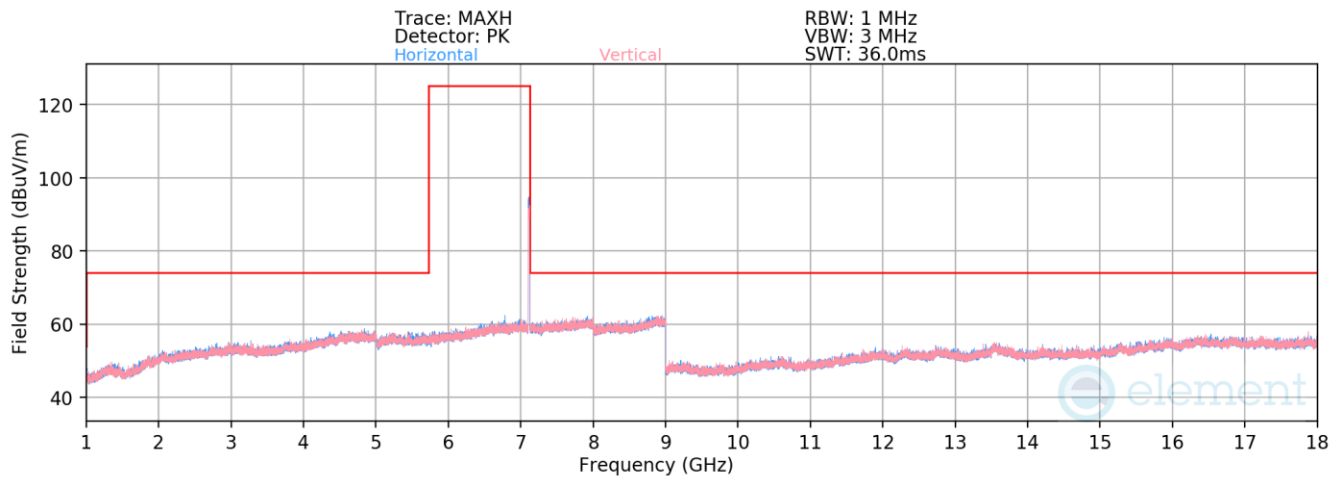
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6995MHz
Channel: 209

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 204 of 282

V 10.5 12/15/2021



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

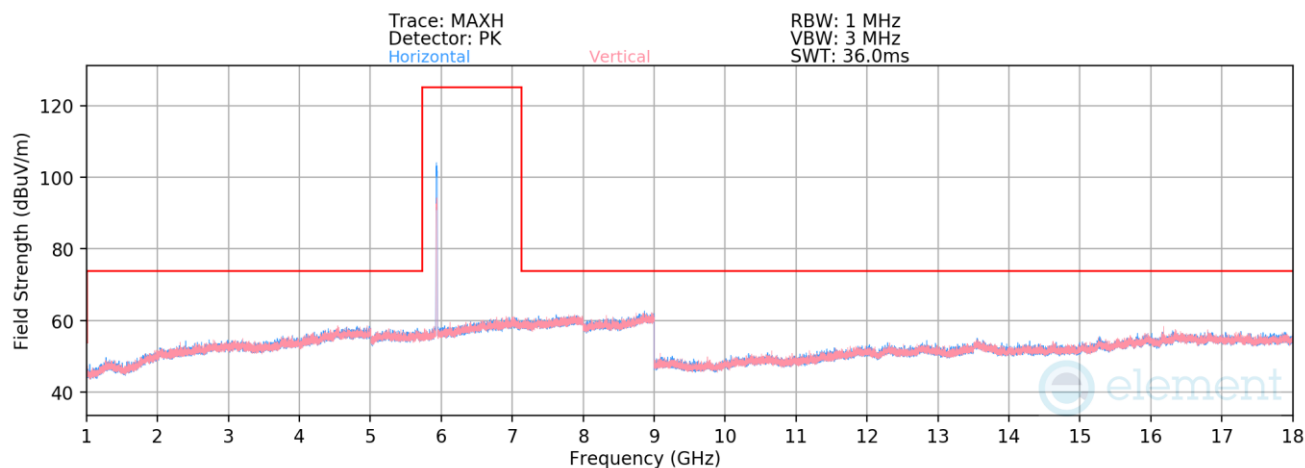
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
14230.00	Average	H	-	-	-83.43	18.14	41.71	68.20	-26.49

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

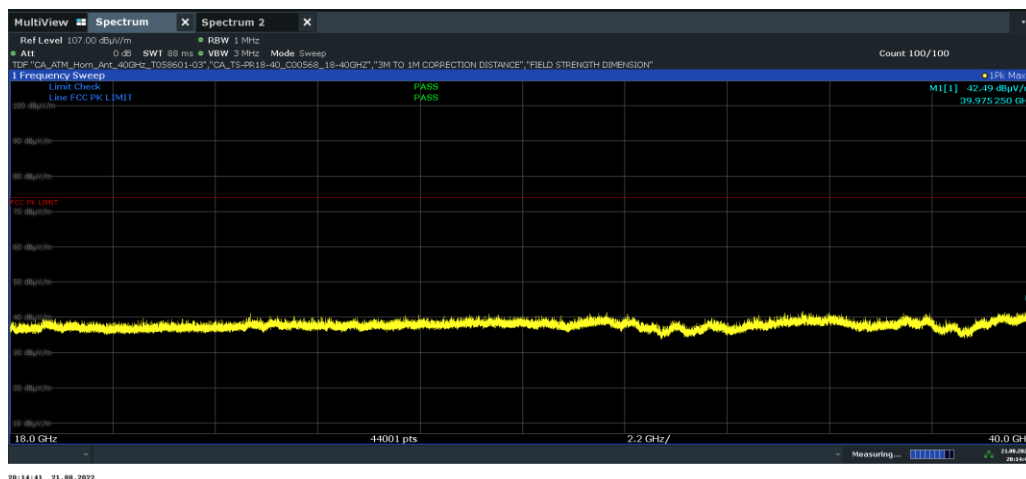
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 205 of 282

V 10.5 12/15/2021

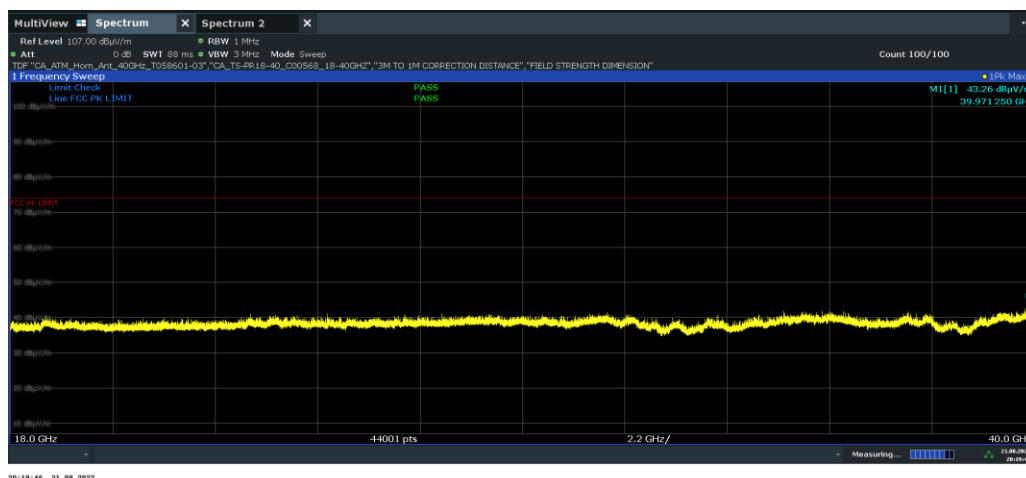
7.7.3 SDM Primary Radiated Spurious Emission



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		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 206 of 282

V 10.5 12/15/2021

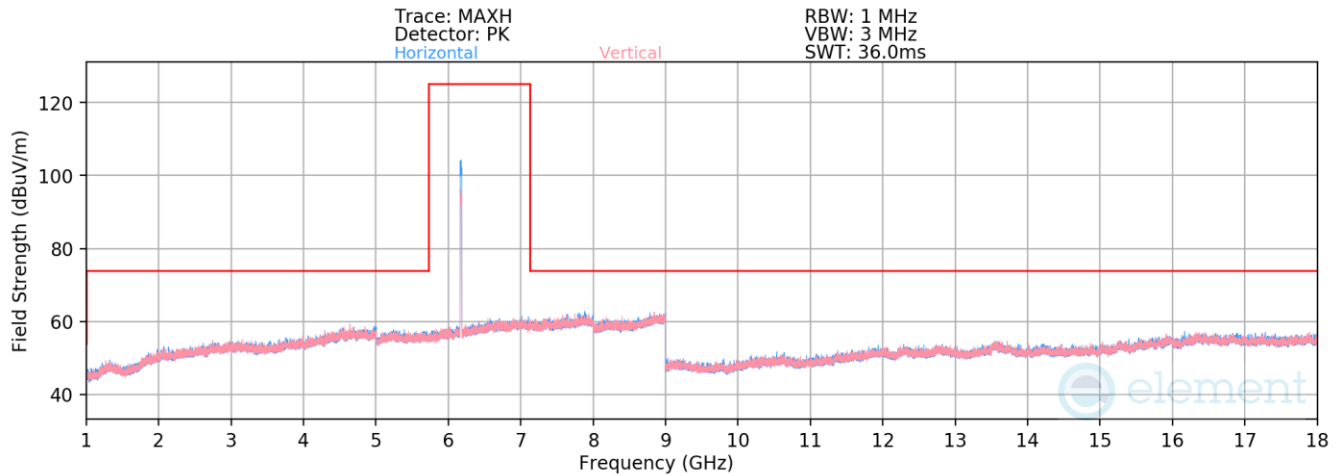
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 5955MHz
 Channel: 1

	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	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 207 of 282

V 10.5 12/15/2021



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

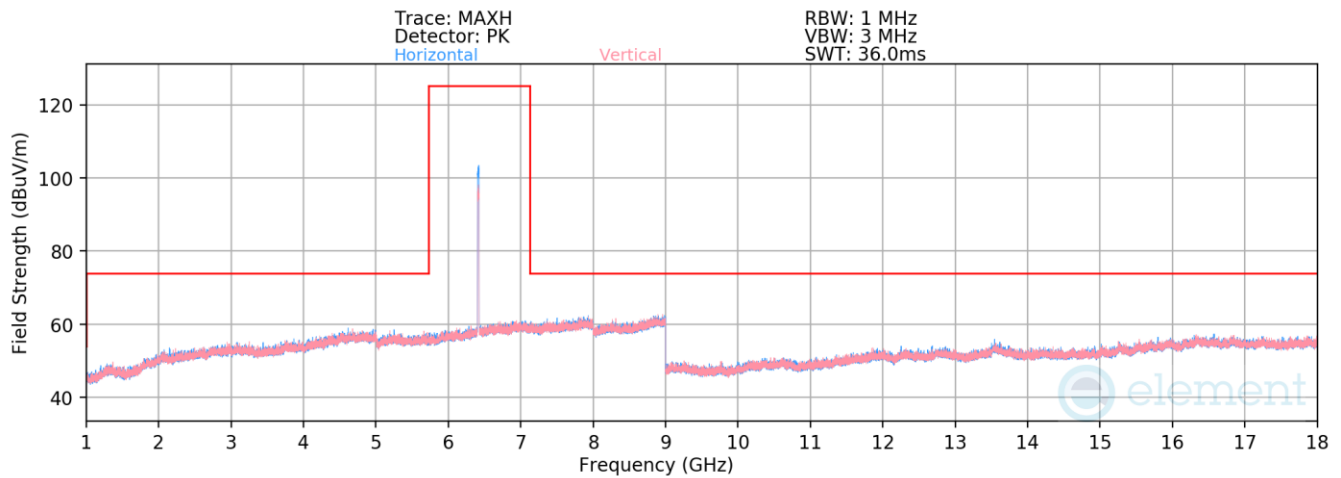
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6175MHz
Channel: 45

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 208 of 282

V 10.5 12/15/2021



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

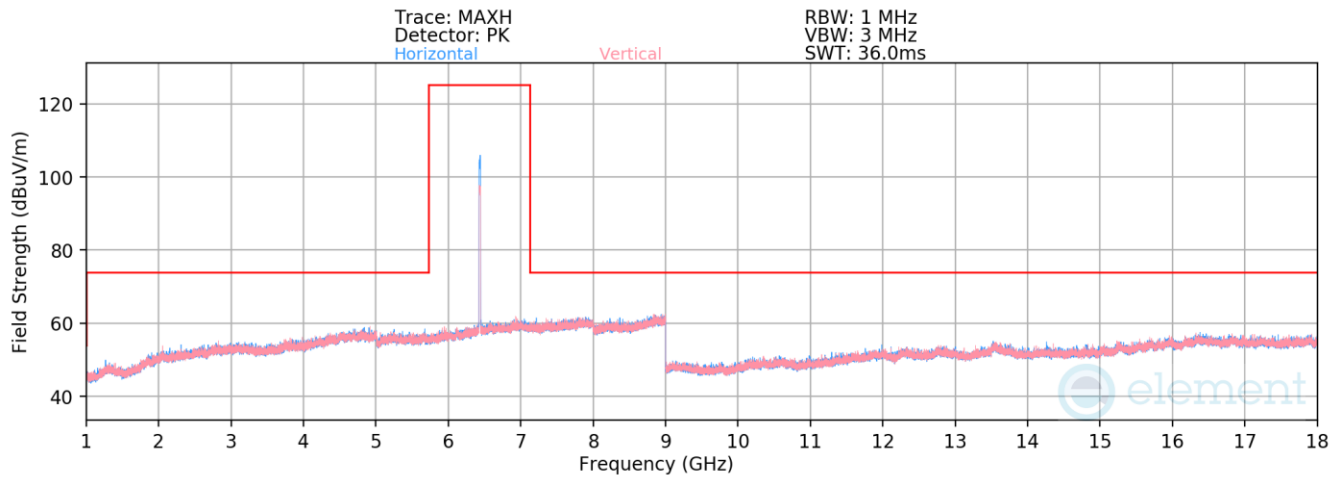
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6415MHz
Channel: 93

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 209 of 282

V 10.5 12/15/2021



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

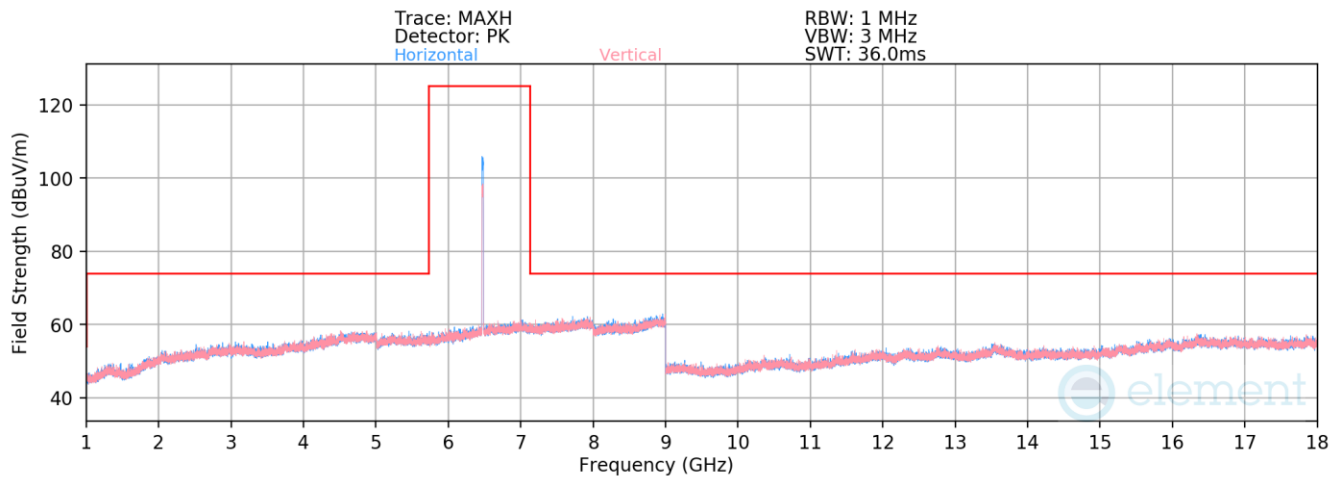
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6435MHz
Channel: 97

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 210 of 282

V 10.5 12/15/2021



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

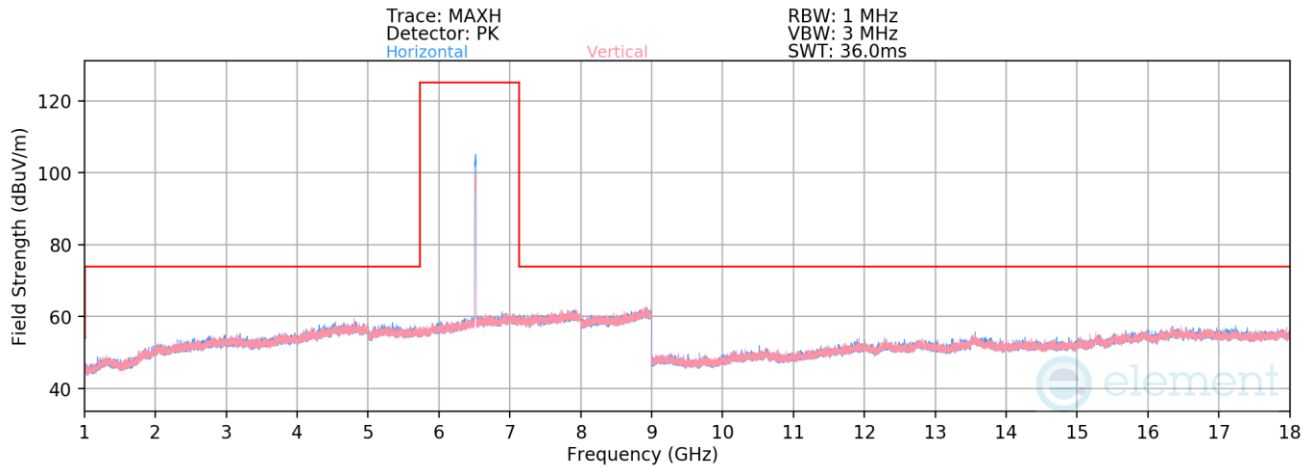
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6475MHz
Channel: 105

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

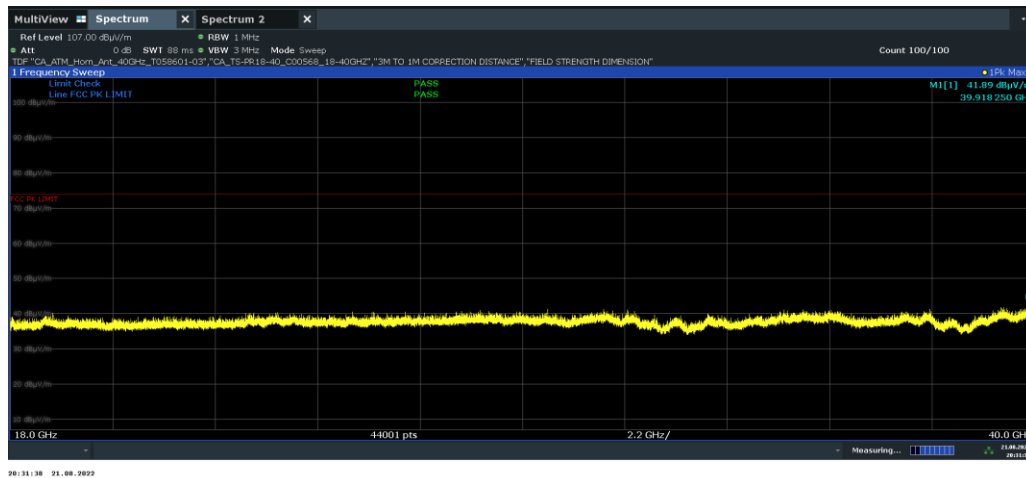
Table 7-85. Radiated Spurious Emission Measurements SDM

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 211 of 282

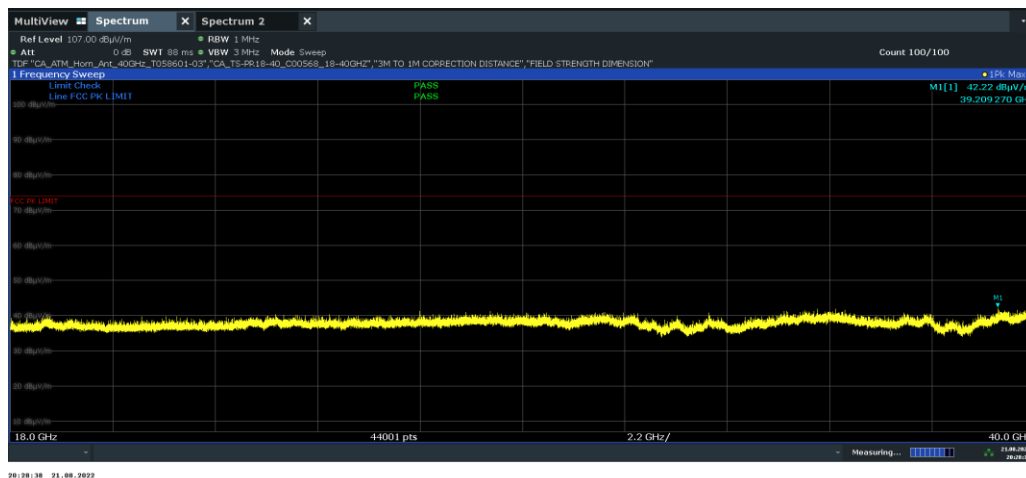
V 10.5 12/15/2021



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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 212 of 282

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

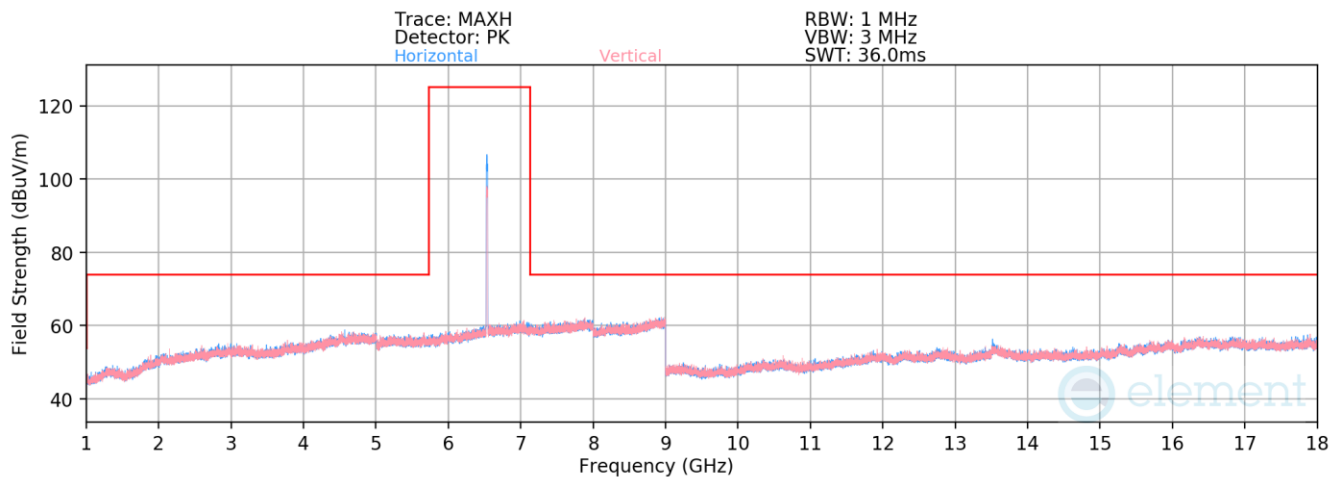
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6515MHz
 Channel: 113

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

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 213 of 282

V 10.5 12/15/2021



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

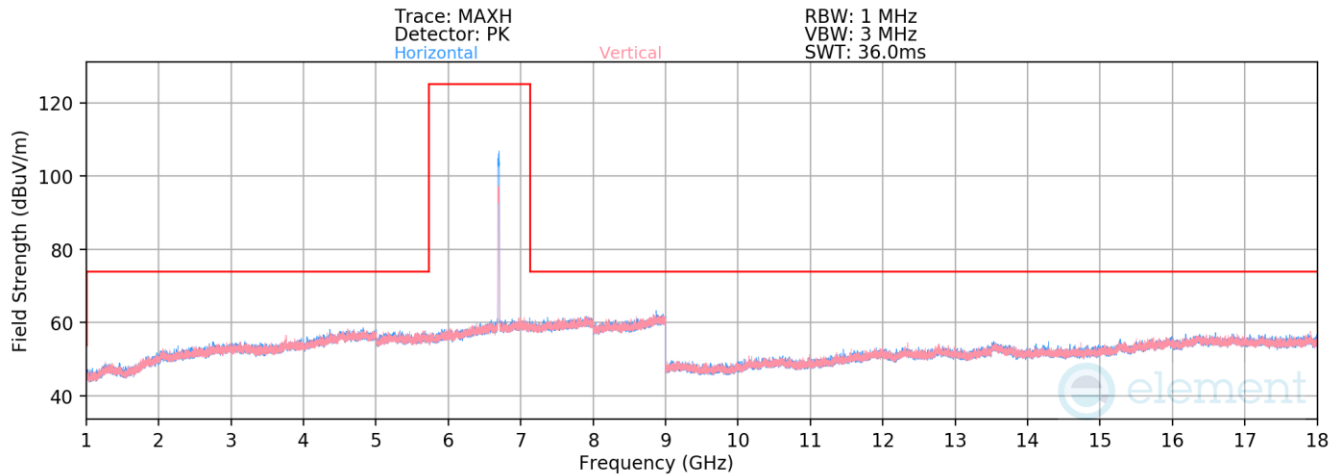
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6535MHz
Channel: 117

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 214 of 282

V 10.5 12/15/2021



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

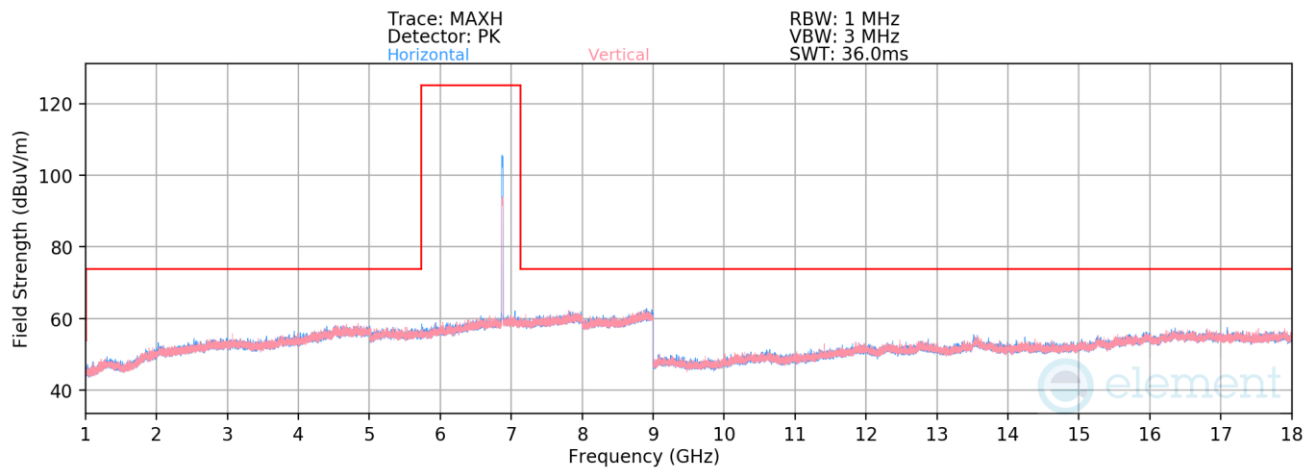
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6695MHz
Channel: 149

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

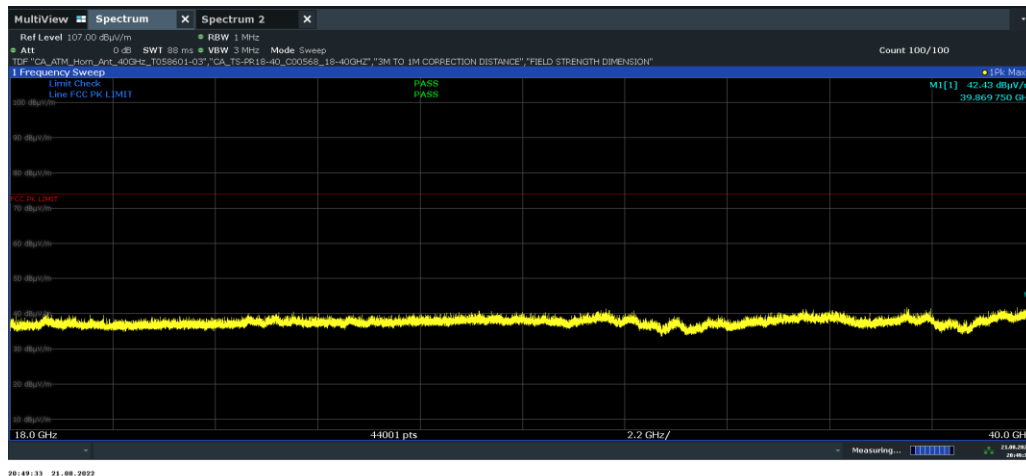
Table 7-88. Radiated Spurious Emission Measurements SDM

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 215 of 282

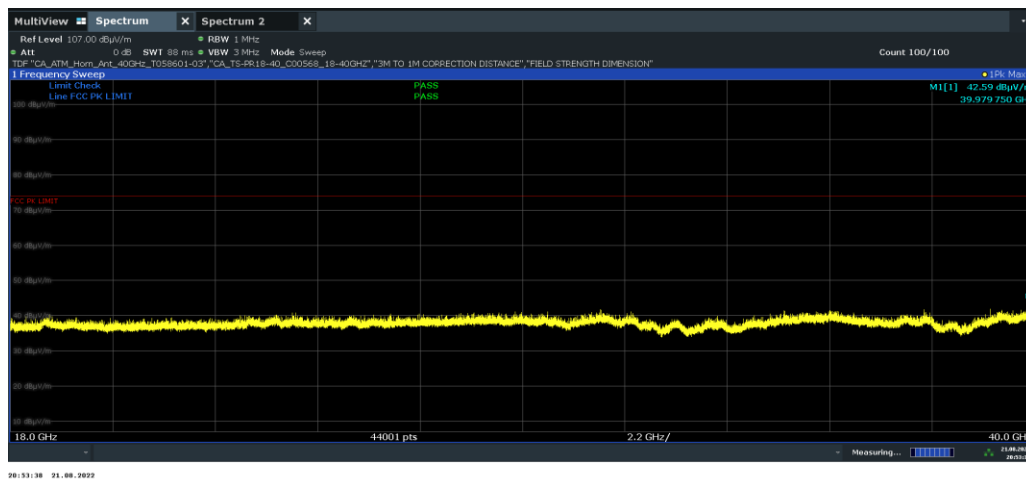
V 10.5 12/15/2021



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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 216 of 282

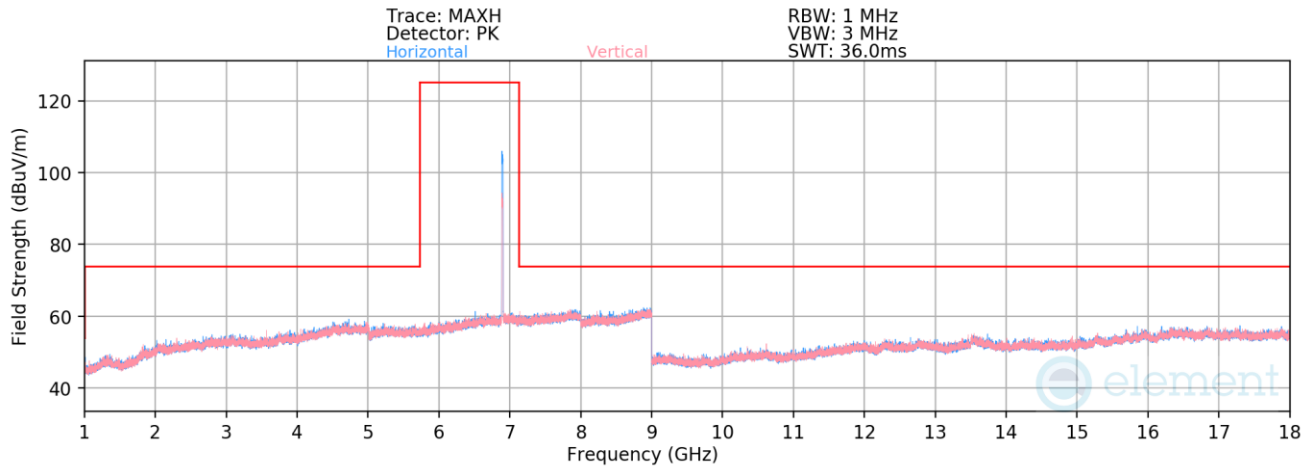
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6875MHz
 Channel: 185

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

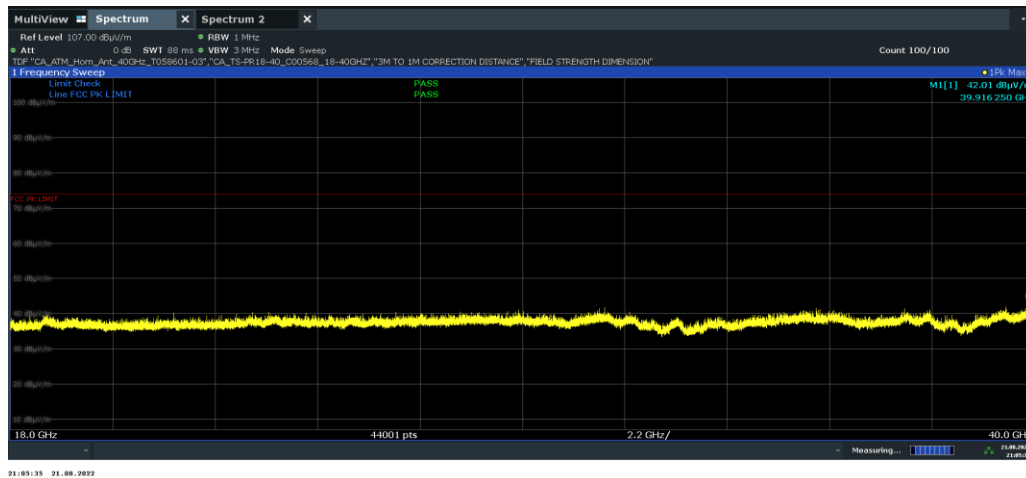
Table 7-89. Radiated Spurious Emission Measurements SDM

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 217 of 282

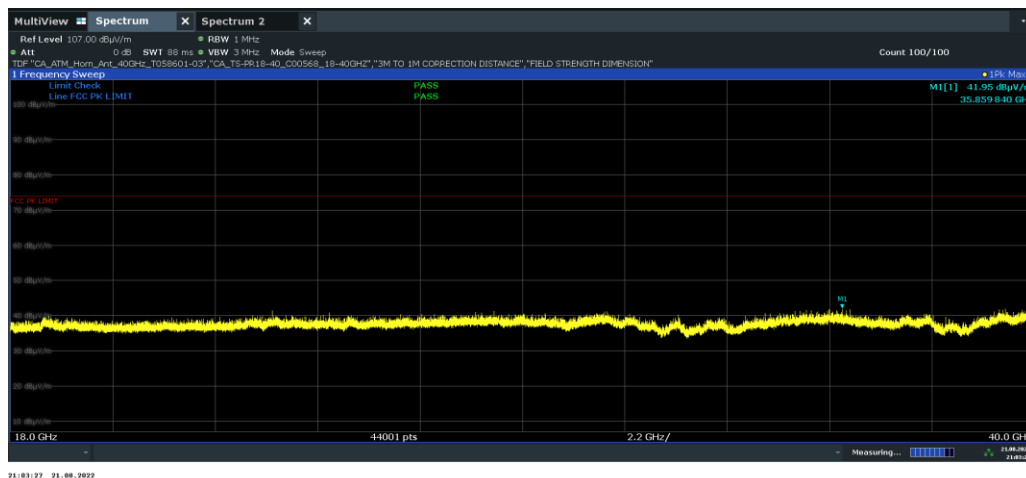
V 10.5 12/15/2021



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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 218 of 282

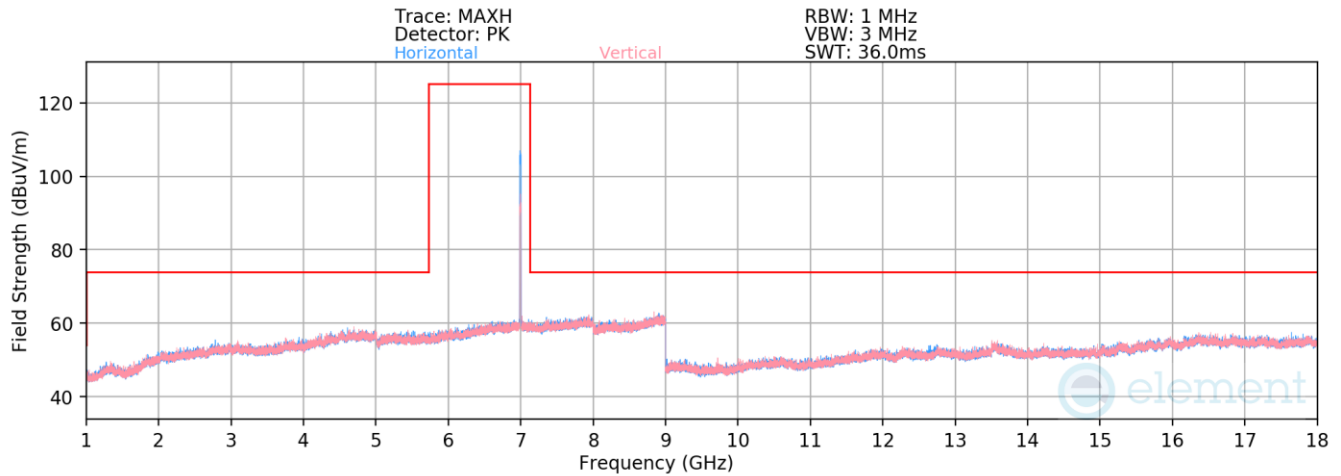
Mode: 802.11ax
 Data Rate: MCS2
 Distance of Measurements: 3 Meters
 Operating Frequency: 6895MHz
 Channel: 189

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	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 219 of 282

V 10.5 12/15/2021



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

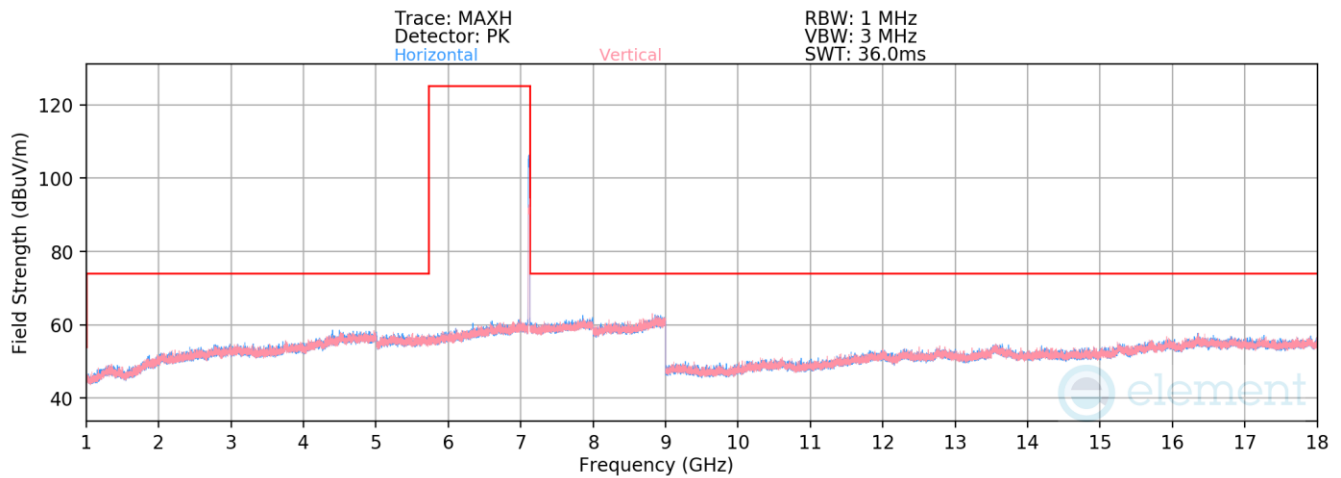
Mode: 802.11ax
Data Rate: MCS2
Distance of Measurements: 3 Meters
Operating Frequency: 6995MHz
Channel: 209

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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 220 of 282

V 10.5 12/15/2021



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

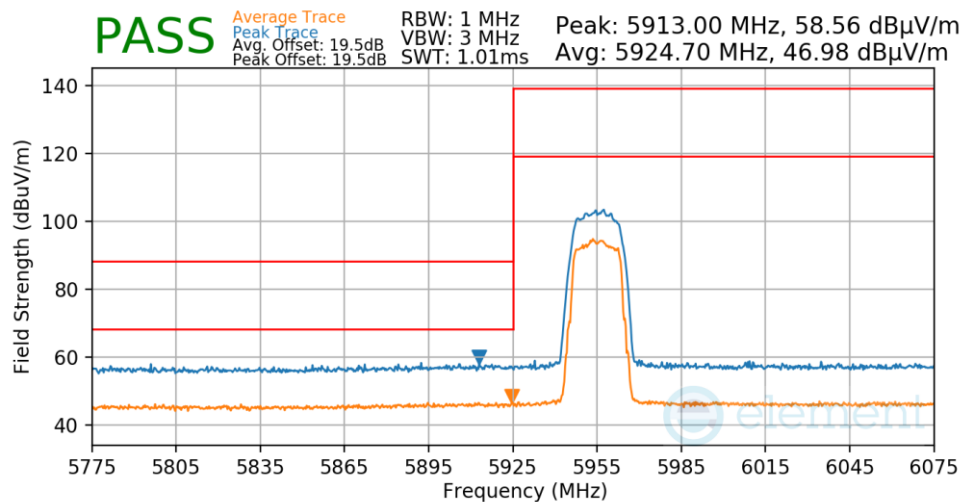
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 221 of 282

V 10.5 12/15/2021

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

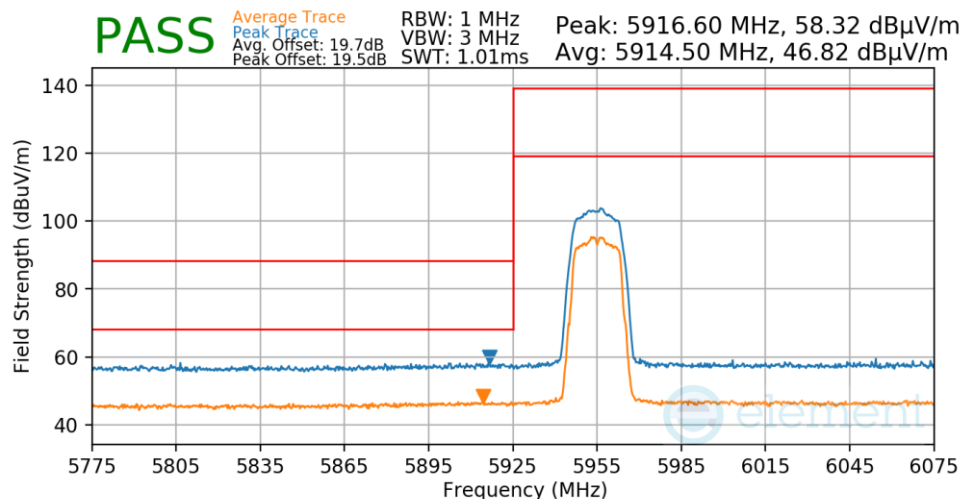
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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

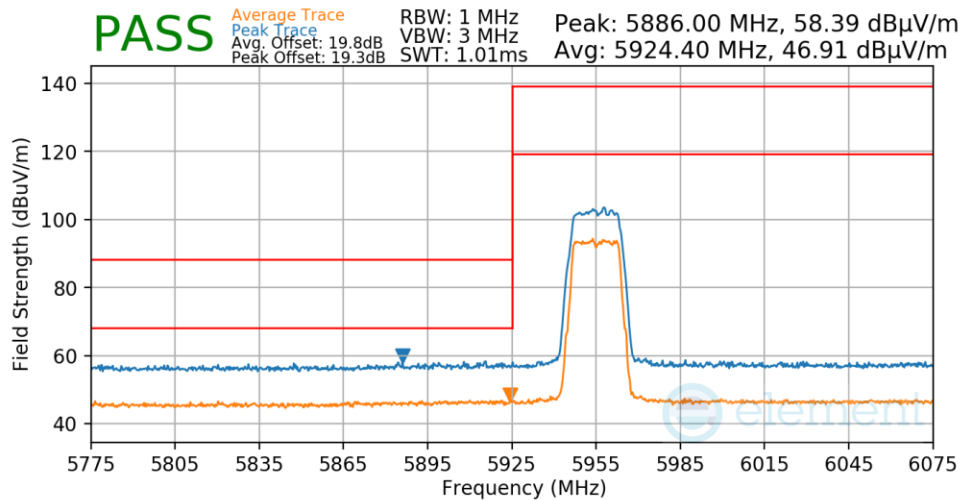


Plot 7-630. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 222 of 282

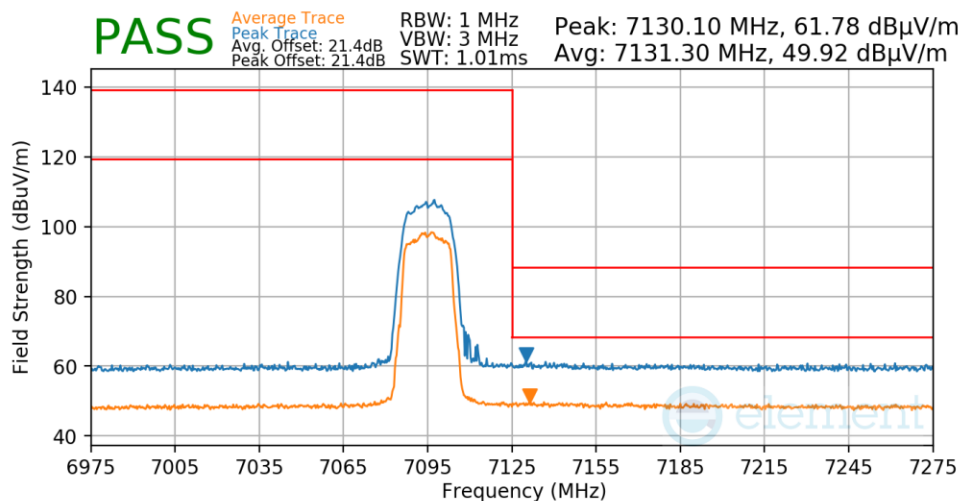
V 10.5 12/15/2021

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

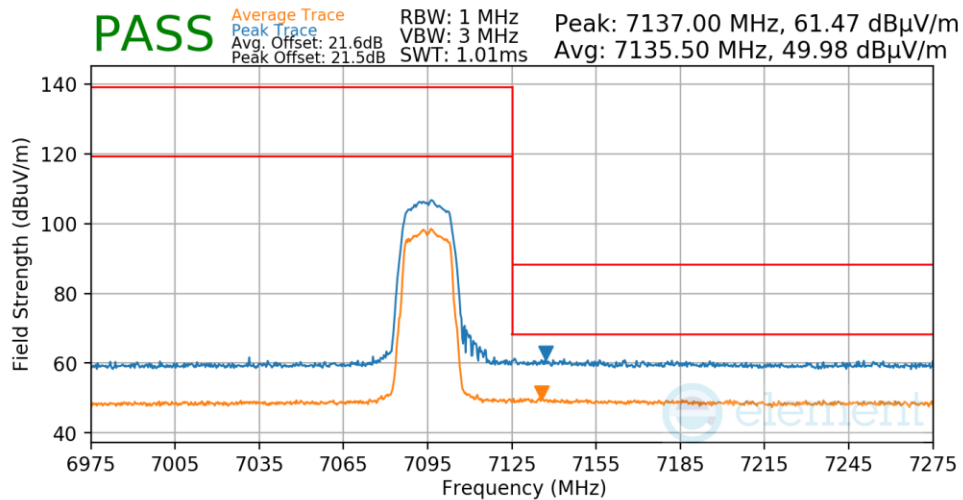


Plot 7-632. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 223 of 282

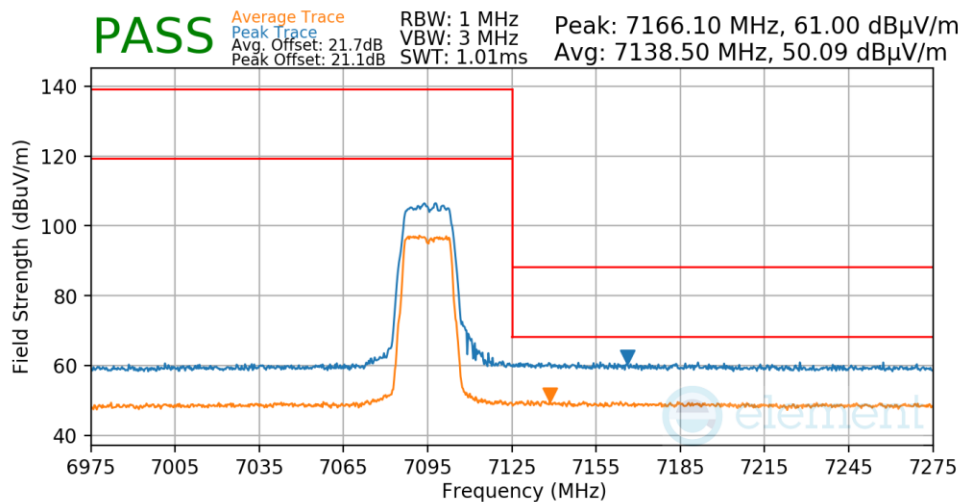
V 10.5 12/15/2021

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

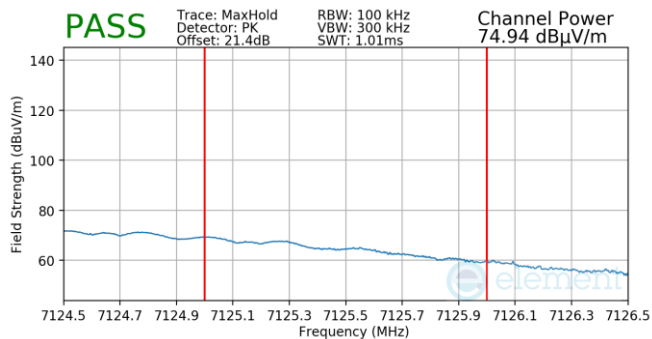


Plot 7-634. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)

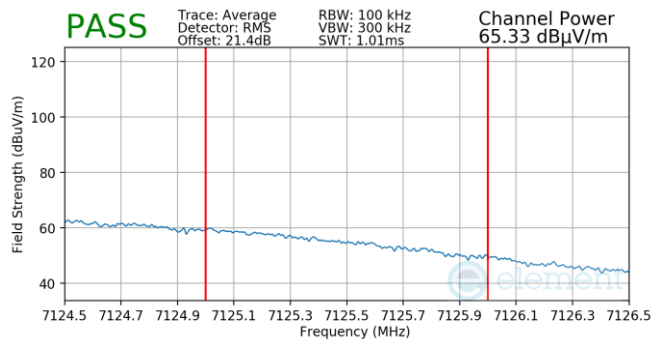
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 224 of 282

V 10.5 12/15/2021

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

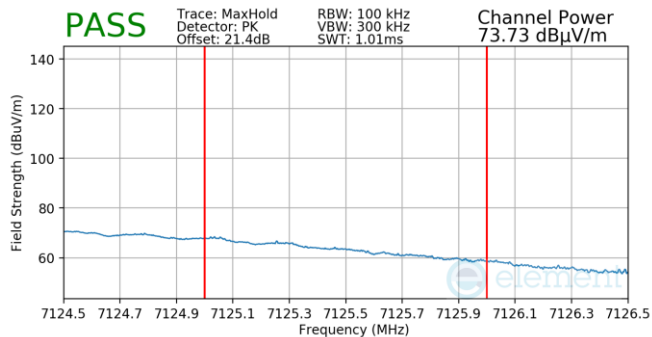


Plot 7-635. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)

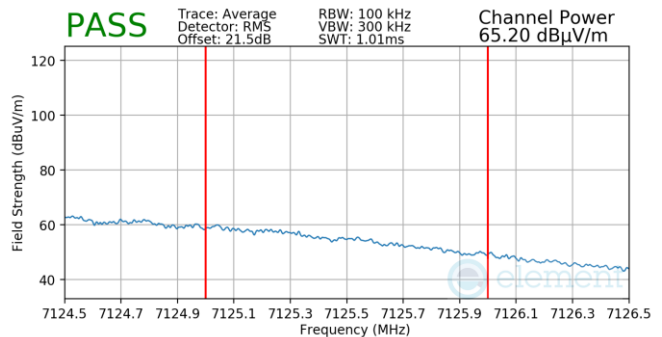


Plot 7-636. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

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



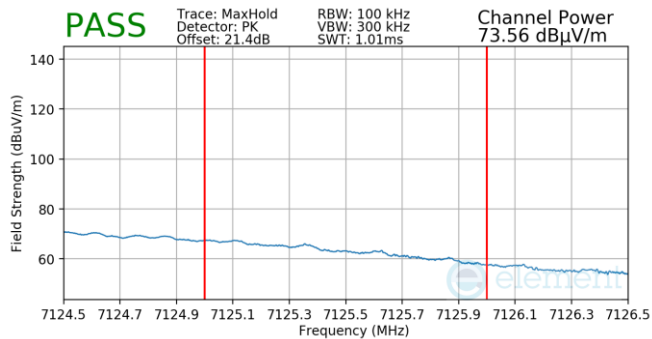
Plot 7-637. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)



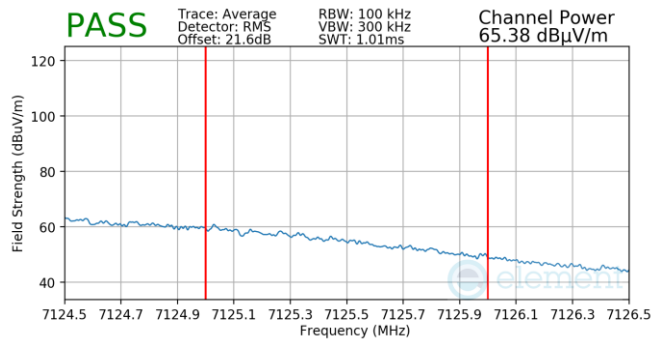
Plot 7-638. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.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)

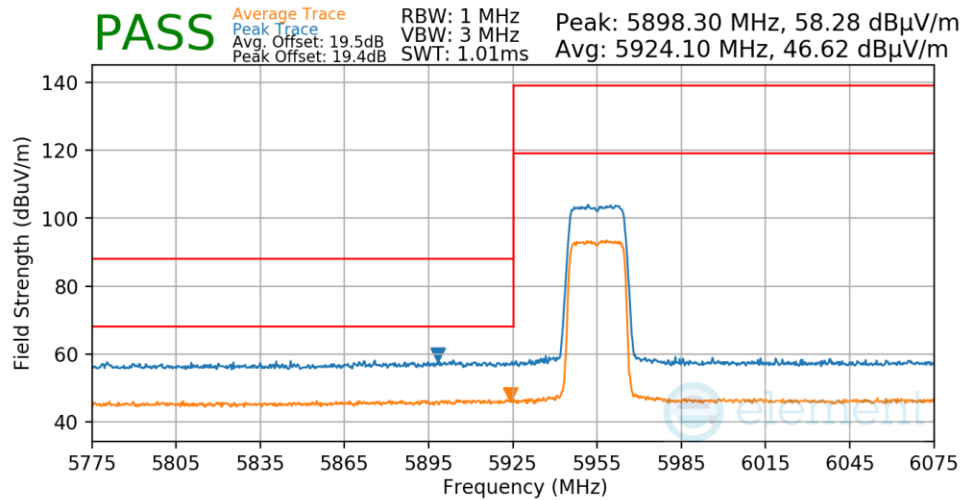


Plot 7-640. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 226 of 282	

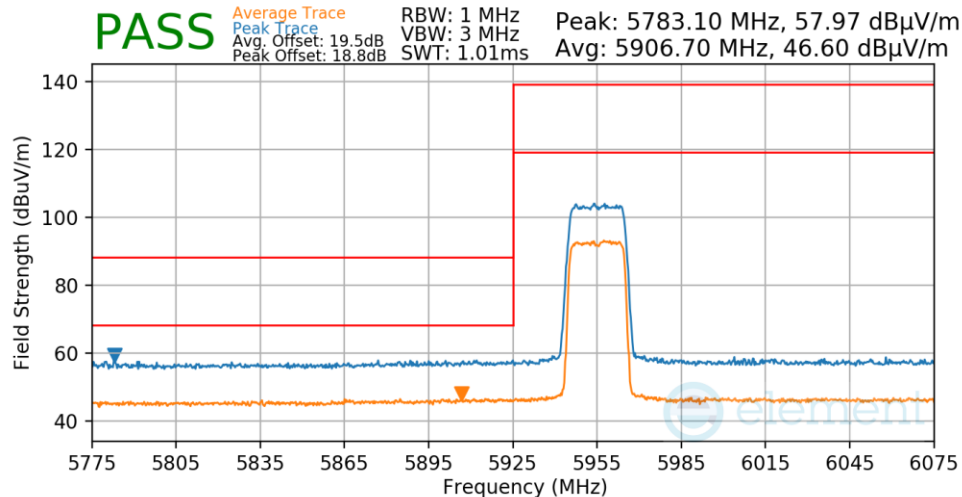
V 10.5 12/15/2021

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

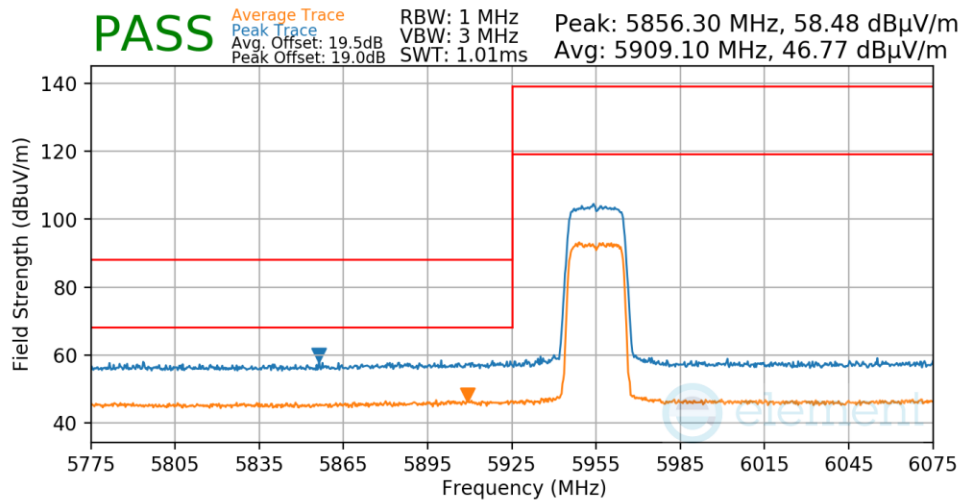


Plot 7-642. Antenna 5b Radiated Lower Band Edge (Peak/Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 227 of 282

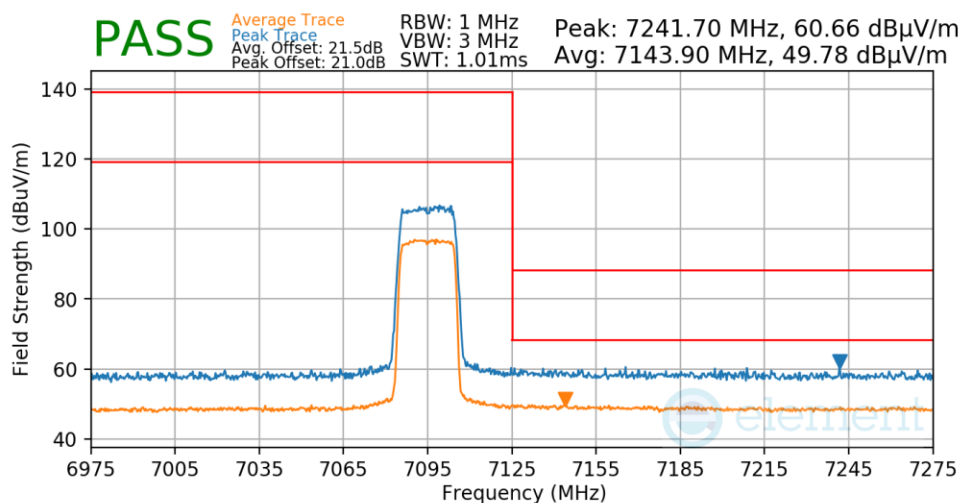
V 10.5 12/15/2021

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

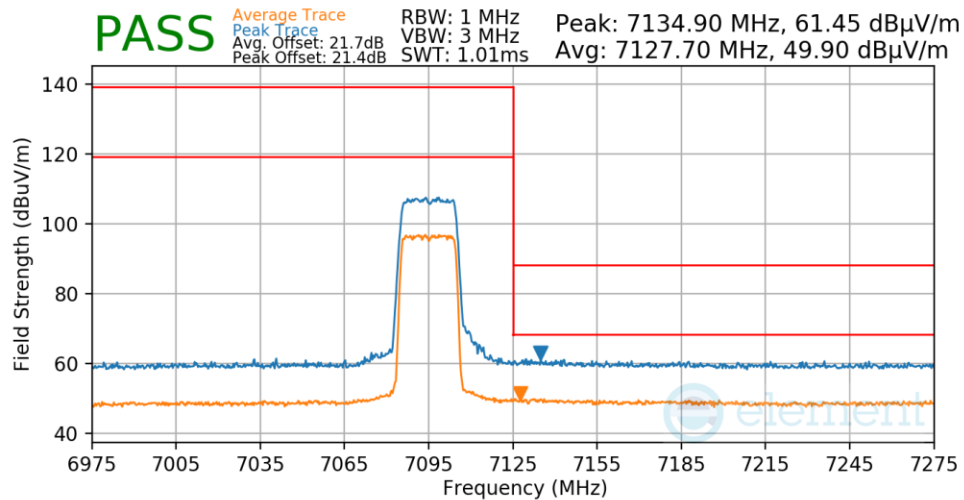


Plot 7-644. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 228 of 282

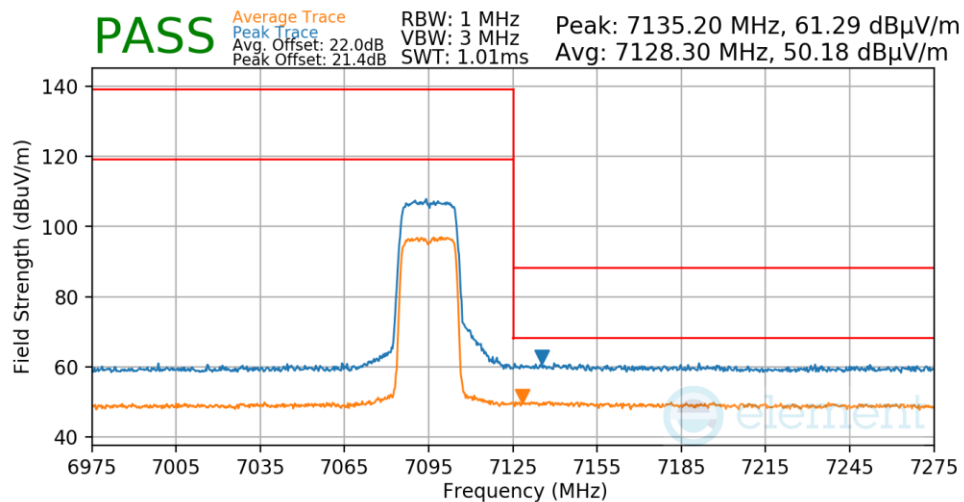
V 10.5 12/15/2021

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

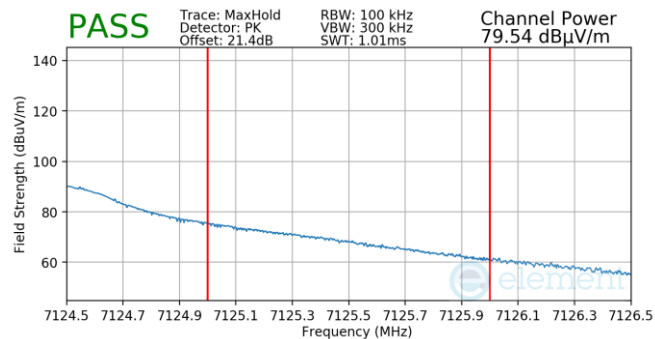


Plot 7-646. Antenna 5b Radiated Upper Band Edge (Peak/Average – UNII Band 8)

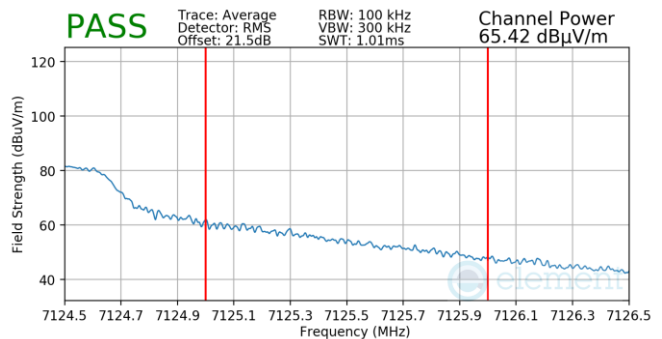
FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 229 of 282

V 10.5 12/15/2021

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

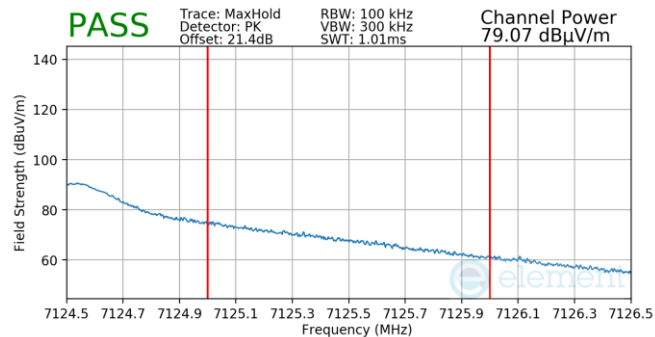


Plot 7-647. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)

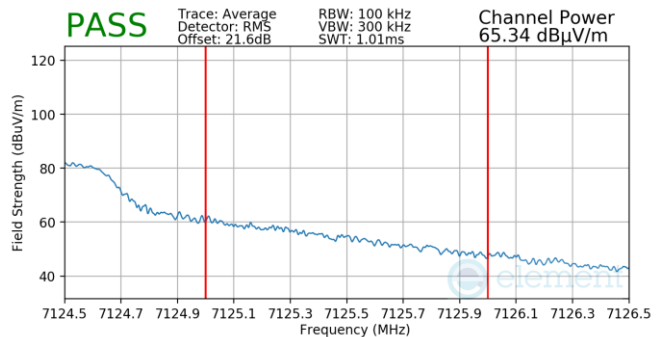


Plot 7-648. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

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



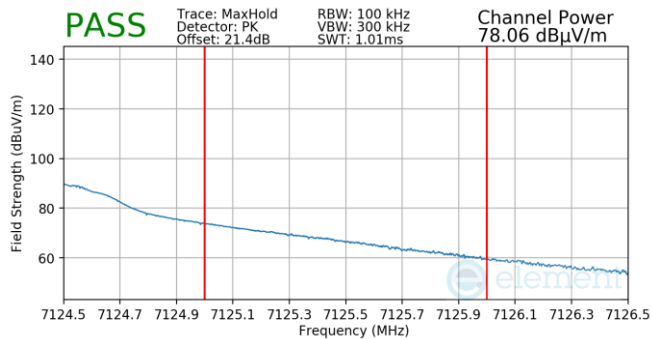
Plot 7-649. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)



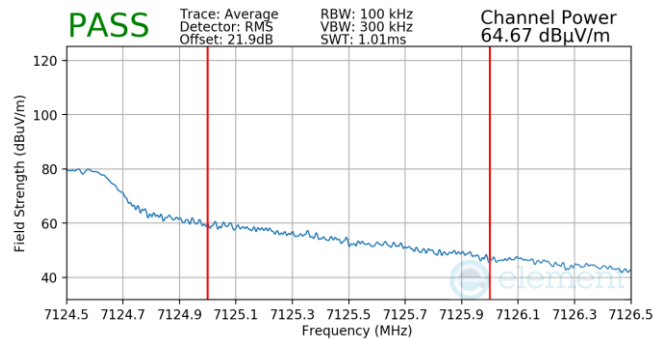
Plot 7-650. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.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)

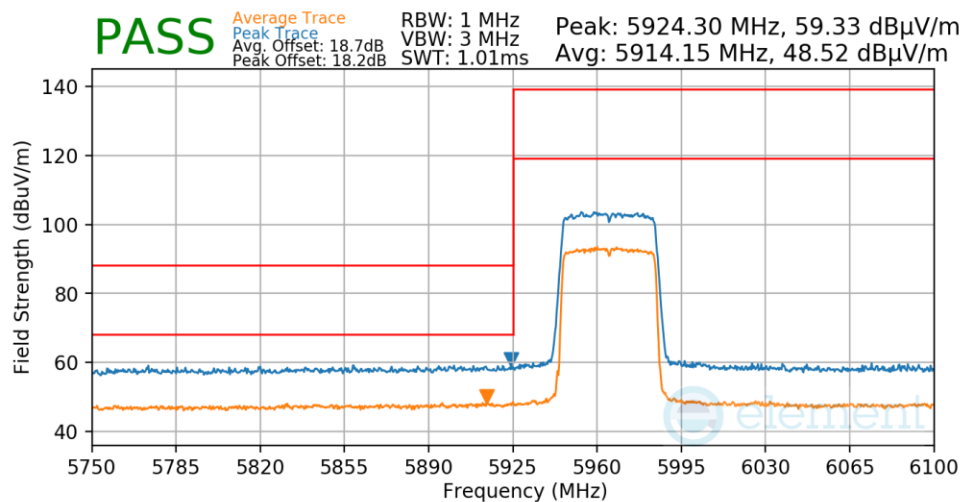
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device		Page 231 of 282

V 10.5 12/15/2021

7.7.5 Antenna 5b Radiated Band Edge Measurements (40MHz BW)

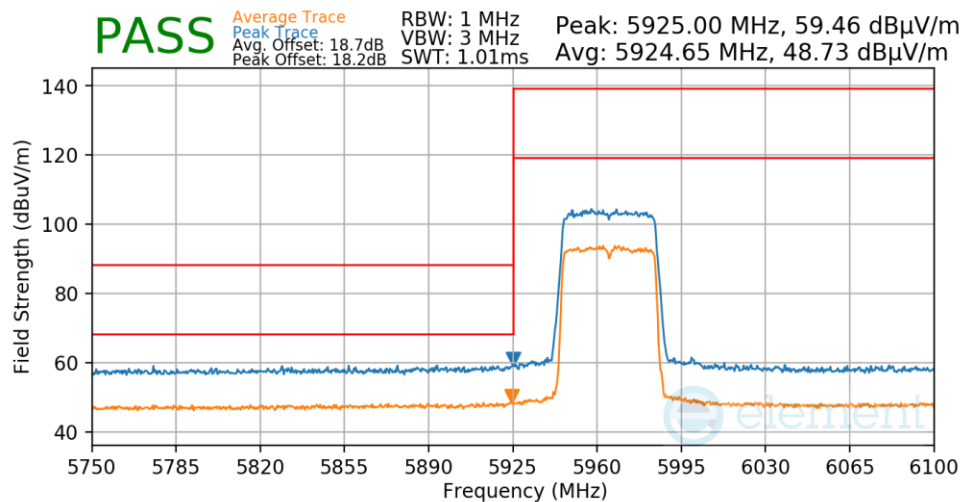
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS2
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-653. 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:	5965MHz
Channel:	3

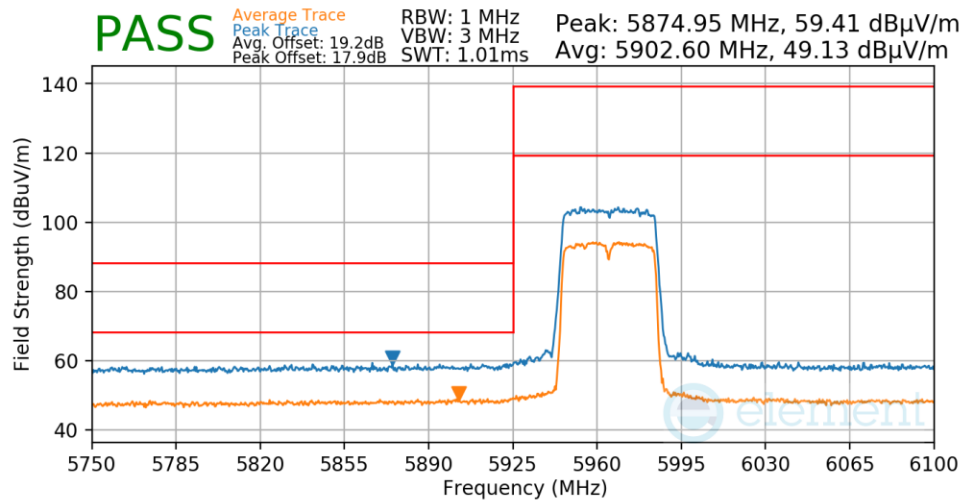


Plot 7-654. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 232 of 282

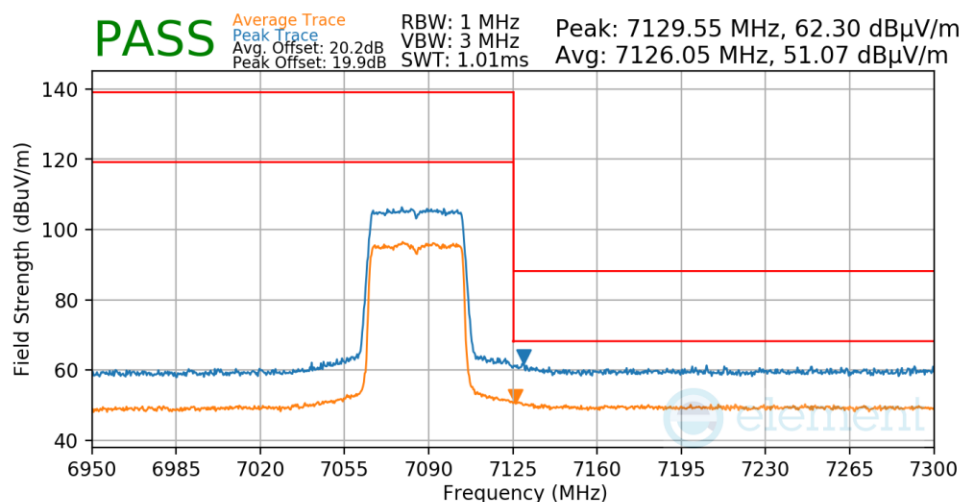
V 10.5 12/15/2021

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS11
 Distance of Measurements: 3 Meters
 Operating Frequency: 5965MHz
 Channel: 3



Plot 7-655. 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: 7085MHz
 Channel: 227

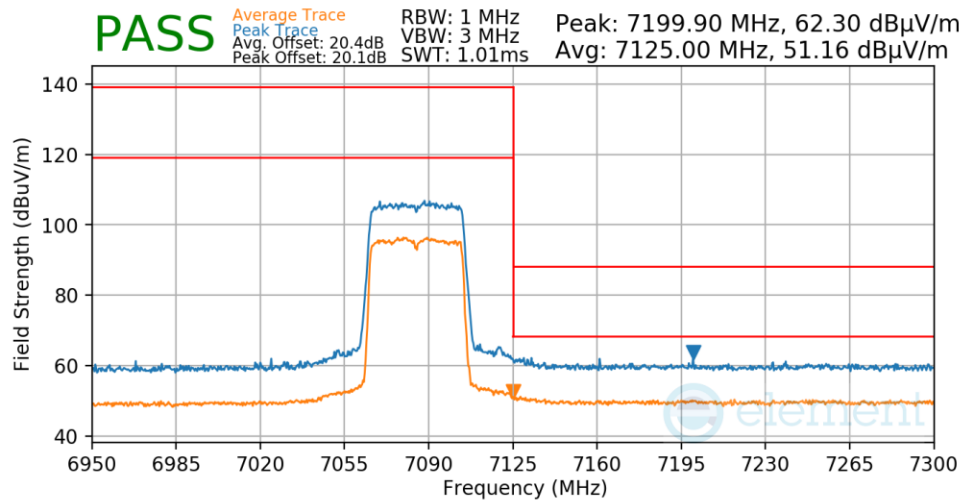


Plot 7-656. Antenna 5b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 233 of 282

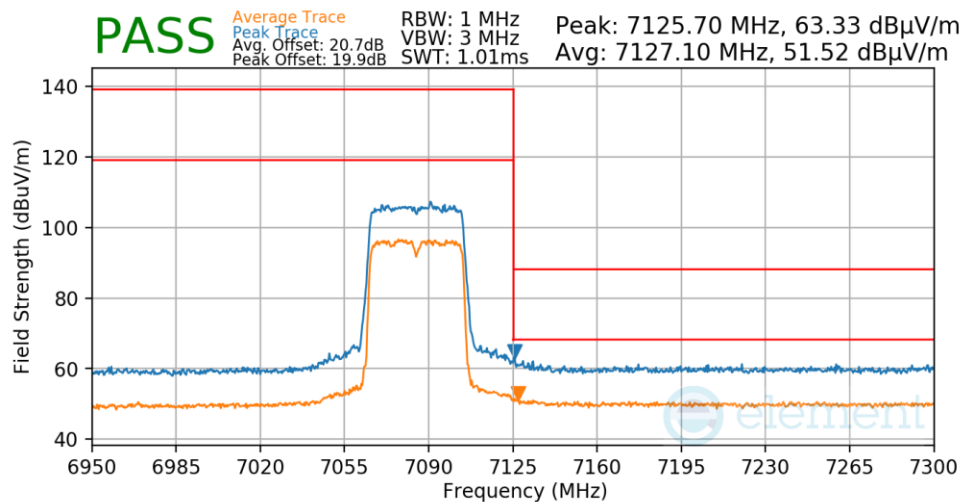
V 10.5 12/15/2021

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS4
Distance of Measurements: 3 Meters
Operating Frequency: 7085MHz
Channel: 227



Plot 7-657. 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: 7085MHz
Channel: 227



Plot 7-658. Antenna 5b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

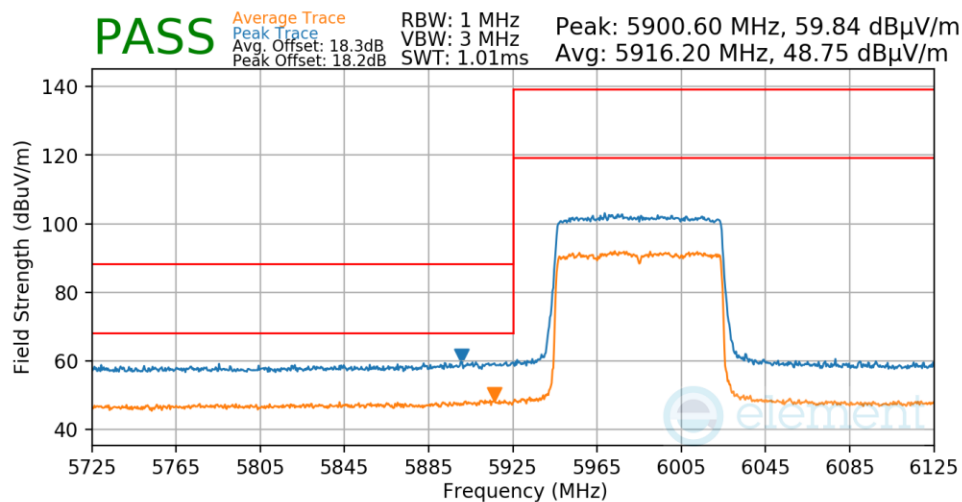
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 234 of 282

V 10.5 12/15/2021

7.7.6 Antenna 5b Radiated Band Edge Measurements (80MHz BW)

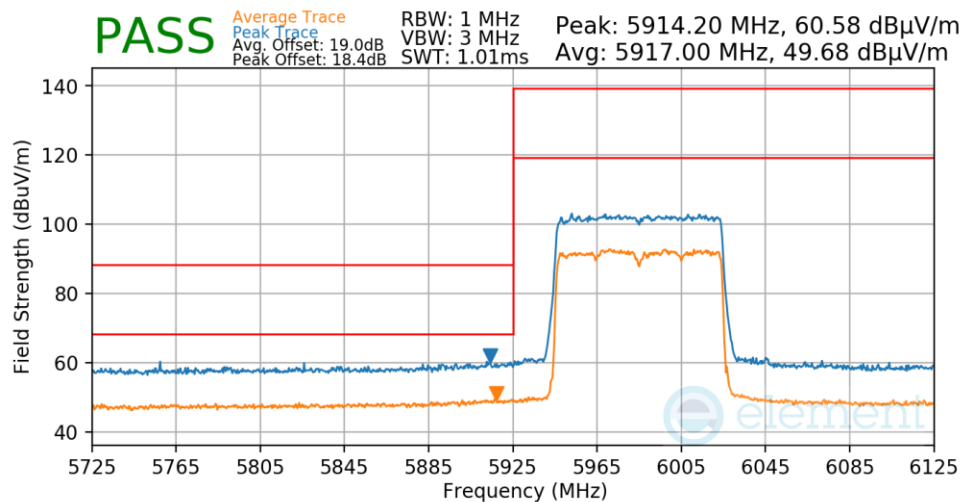
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS2
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-659. 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:	5985MHz
Channel:	7

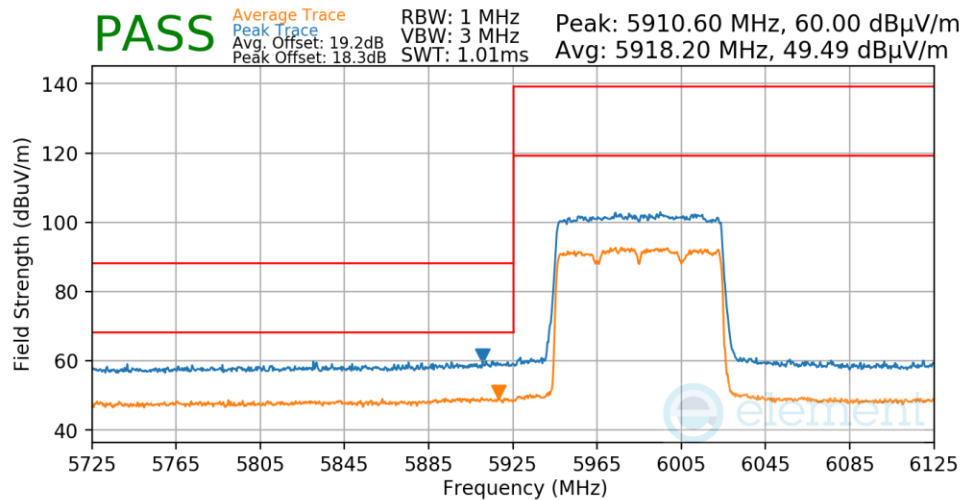


Plot 7-660. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 235 of 282

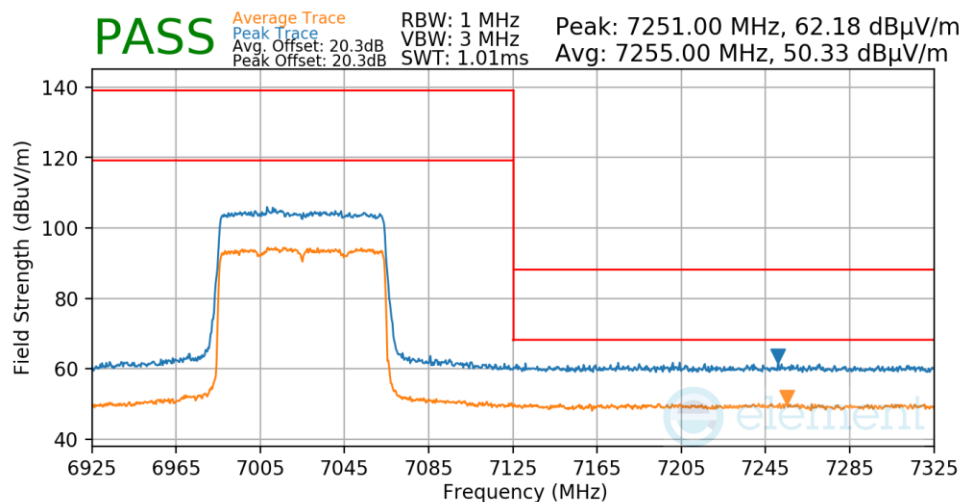
V 10.5 12/15/2021

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 5985MHz
Channel: 7



Plot 7-661. 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: 7025MHz
Channel: 215



Plot 7-662. 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-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 236 of 282

V 10.5 12/15/2021