

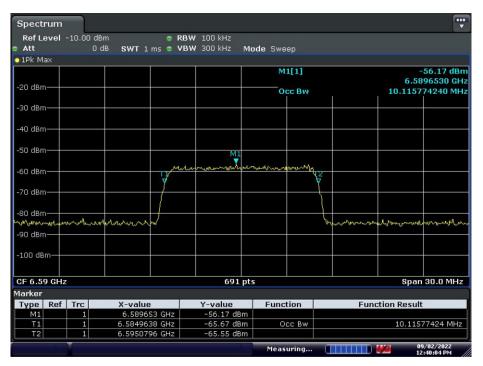
Plot 7-648. AWGN Signal - UNII 6 - 160MHz - High

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 at 200
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Plot 7-649. AWGN Signal – UNII 7 – 20MHz

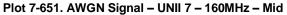


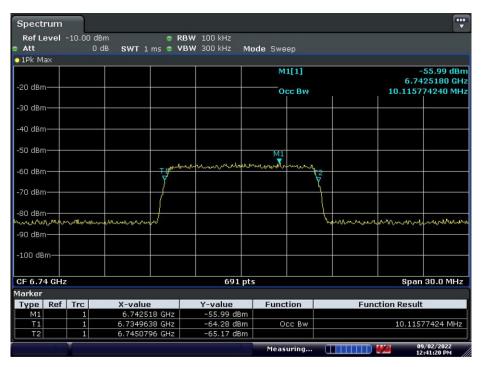
Plot 7-650. AWGN Signal - UNII 7 - 160MHz - Low

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 at 200
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Plot 7-652. AWGN Signal - UNII 7 - 160MHz - High

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dama 470 at 200
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Plot 7-653. AWGN Signal – UNII 8 – 20MHz

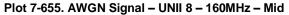


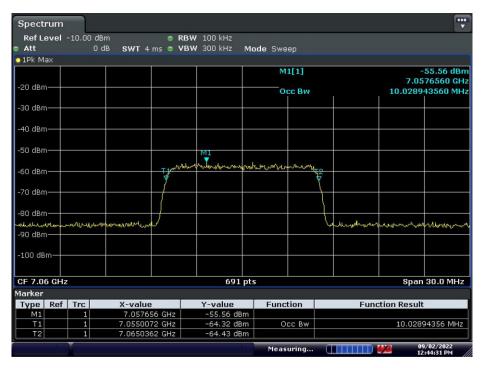
Plot 7-654. AWGN Signal - UNII 8 - 160MHz - Low

FCC ID: BCGA2435 IC: 579C-A2435	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 171 of 222
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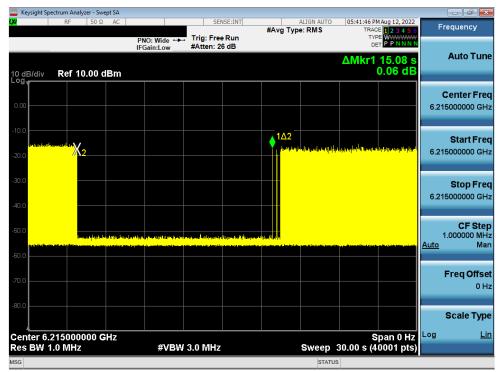


Plot 7-656. AWGN Signal - UNII 8 - 160MHz - High

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dama 470 at 200
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#### **Contention-Based Protocol Timing Plots**



Plot 7-657. Contention Based Protocol Timing Plot – UNII 5 – 20MHz Channel 53



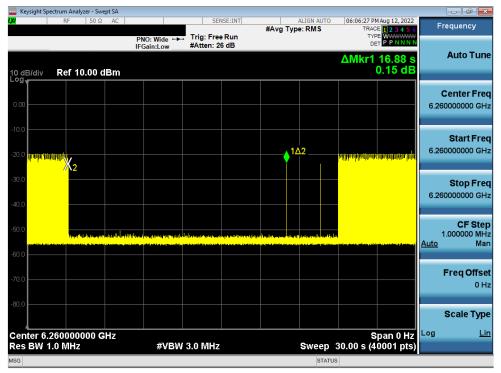
Plot 7-658. Contention Based Protocol Timing Plot - UNII 5 - 160MHz Channel 47 - Low

FCC ID: BCGA2435 IC: 579C-A2435	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 470 at 000
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	ectrum Analyzer - Swept SA									
L <mark>XI</mark>	RF 50 Ω AC		SEN	ISE:INT	#Avg Typ	ALIGN AUTO		Aug 12, 2022	F	requency
		PNO: Wide ↔ IFGain:Low	Trig: Free #Atten: 20		"a.)r		TYP DE			Auto Tune
10 dB/div Log	Ref 10.00 dBm						ΔMkr1	11.84 s 0.14 dB		Auto Tune
										Center Freq
0.00									6.20	0000000 GHz
-10.0				<mark>↓</mark> 1∆2						Start Freq
-20.0	2			Delfinition		n ali an kan ni ha		nithadratismaad	6.20	0000000 GHz
-30.0										Stop Freq
-40.0									6.20	0000000 GHz
										CF Step
-50.0	nem of the fille of the second s		anniad dalar		n bian in the second second	in children and the second		a hanna in teation to	Auto	1.000000 MHz Man
-60.0										_
-70.0										Freq Offset 0 Hz
-80.0										
										Scale Type
	200000000 GHz						S	2011 0 112	Log	Lin
Res BW 1	.0 MHz	#VBW	3.0 MHz			Sweep	30.00 s (4	0001 pts)		
MSG						STAT	JS			

Plot 7-659. Contention Based Protocol Timing Plot - UNII 5 - 160MHz Channel 47 - Mid



Plot 7-660. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – High

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 174 of 222
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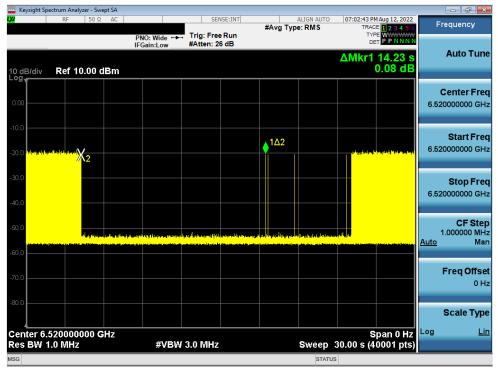
Plot 7-661. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Channel 101



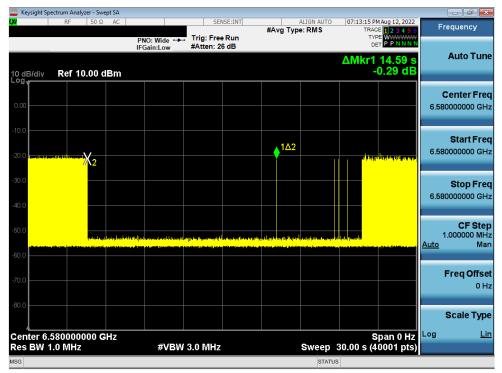
Plot 7-662. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Low

FCC ID: BCGA2435 IC: 579C-A2435	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dana 475 at 202
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Plot 7-663. Contention Based Protocol Timing Plot - UNII 6 - 160MHz Channel 111 - Mid



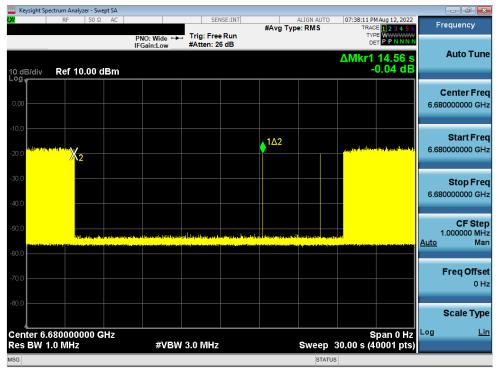
Plot 7-664. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – High

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 176 of 222
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Keysight Spectrum Analyzer - Swept SA					- 6 💌
RF 50 Ω AC	PNO: Wide ↔	SENSE:INT	ALIGN AUTO #Avg Type: RMS	07:22:46 PM Aug 12, 2022 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P N N N N	Frequency
10 dB/div Ref 10.00 dBm	IFGain:Low	#Atten: 26 dB		ΔMkr1 13.91 s -2.31 dB	Auto Tune
0.00					Center Freq 6.695000000 GHz
-10.0			1Δ2		<b>Start Freq</b> 6.695000000 GHz
-30.0					<b>Stop Freq</b> 6.695000000 GHz
-50.0 And the second se		len pag namini inter ang din jian Ajyrikin dan Manang namini inter ang din jang sanan sanan		a the figure t	CF Step 1.000000 MHz <u>Auto</u> Man
-70.0					<b>Freq Offset</b> 0 Hz
Center 6.695000000 GHz Res BW 1.0 MHz	#VBW :	3.0 MHz	Sweep	Span 0 Hz 30.00 s (40001 pts)	Scale Type Log <u>Lin</u>
MSG			STAT		

Plot 7-665. Contention Based Protocol Timing Plot – UNII 7 – 20MHz Channel 149



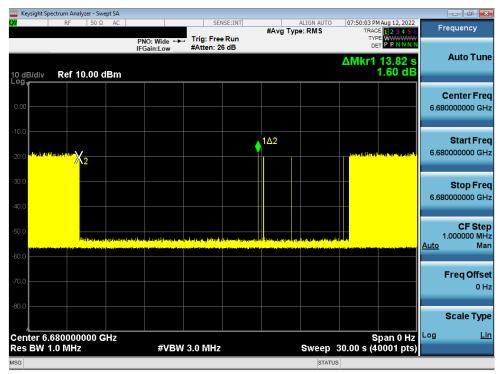
Plot 7-666. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Low

FCC ID: BCGA2435 IC: 579C-A2435	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dana 477 at 000
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Keysight Spectrum Analyzer - Swept SA						
<b>LX/</b> RF 50 Ω A		SENSE:INT	ALIO #Avg Type: F		1:55 PM Aug 12, 2022 TRACE 1 2 3 4 5 6 TYPE WWWWWW	Frequency
10 dB/div Ref 10.00 dBr	PNO: Wide ↔ IFGain:Low	Trig: Free Run #Atten: 26 dB		ΔΜ	kr1 14.15 s -1.64 dB	Auto Tune
0.00						Center Freq 6.680000000 GHz
-10.0 -20.0			↓1∆2			Start Freq 6.680000000 GHz
-30.0						<b>Stop Freq</b> 6.680000000 GHz
-50.0					<sup>10</sup> malgrand provident and a staff frank and a	<b>CF Step</b> 1.000000 MHz <u>Auto</u> Man
-70.0						<b>Freq Offset</b> 0 Hz
Center 6.680000000 GHz					SDALL V HZ I	Scale Type
Res BW 1.0 MHz		3.0 MHz	SI	weep 30.00	s (40001 pts)	
MSG				STATUS		

Plot 7-667. Contention Based Protocol Timing Plot - UNII 7 - 160MHz Channel 143 - Mid



Plot 7-668. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – High

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 179 of 222
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Plot 7-669. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Channel 197



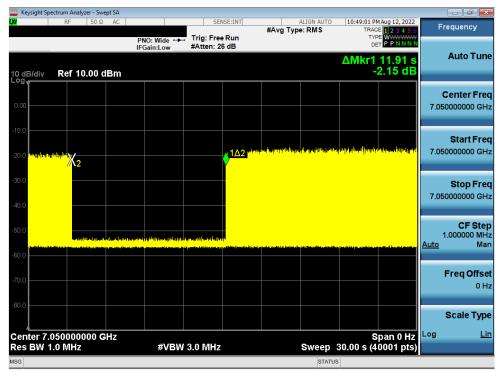
Plot 7-670. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Low

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 470 at 202
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	ectrum Analyzer - Swept SA								
LXI	RF 50 Ω AC			ISE:INT	#Avg Typ	ALIGN AUTO e: RMS	TRACE 1 2 3 4 5 6	Fi	requency
		PNO: Wide +++ IFGain:Low	Trig: Free #Atten: 2				DET PPNNN		A
10 dB/div Log <sub>y</sub>	Ref 10.00 dBm						ΔMkr1 15.38 s -0.10 dB		Auto Tune
									Center Freq
0.00								7.00	0000000 GHz
-10.0							ing help play of any black on the of play here is	7.00	Start Freq
-20.0	X2-							7.00	0000000 GHz
-30.0								7.00	Stop Freq 0000000 GHz
-40.0						-		7.00	000000 GHz
-50.0	Viller Union	arit testa a finda desta texta dal testa	المال وأذواء فعادين	and the Attractory	ala hatili ta navil				CF Step 1.000000 MHz
-60.0	a na sa		and a publication of		n in River States also a	na an a	n da Manda Janim Ary pala (pipan) in provinsi arma (pina) da segunda (pipan) in segunda (pipan) in segunda (pip	<u>Auto</u>	Man
-70.0									Freq Offset 0 Hz
-80.0									0 H2
									Scale Type
Center 7.0 Res BW 1	000000000 GHz	#\/B\M	3.0 MHz			Duroon	Span 0 Hz	Log	Lin
		#VBVV	3.0 WHZ				30.00 s (40001 pts)		
MSG						STAT	JS		

Plot 7-671. Contention Based Protocol Timing Plot - UNII 8 - 160MHz Channel 207 - Mid



Plot 7-672. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – High

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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. 802.11ax (20/40/80/160MHz)), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

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

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-51 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [µV/m]	Measured Distance [Meters]		
Above 960.0 MHz	500	3		
Table 7 54 Dediated Lineita				

 Table 7-51. 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

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- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

# Test Setup

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

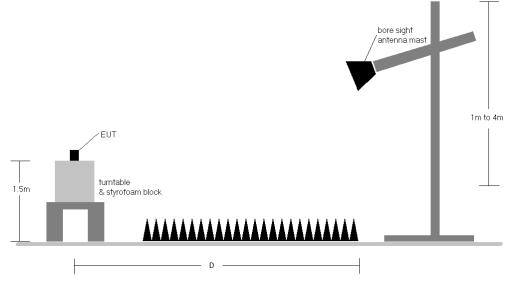


Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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# Test Notes

- 1. All emissions that lie in the restricted bands (denoted by a \* next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-51.
- 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 7-51. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.
- 3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
- 4. This unit was tested with its standard battery.
- 5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
- 6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
- 8. All data rates were investigated and only the worse case is reported
- 9. The unit was tested with all possible modes and only the highest emission is reported.
- 10. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

# **Sample Calculations**

# **Determining Spurious Emissions Levels**

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

# Radiated Band Edge Measurement Offset

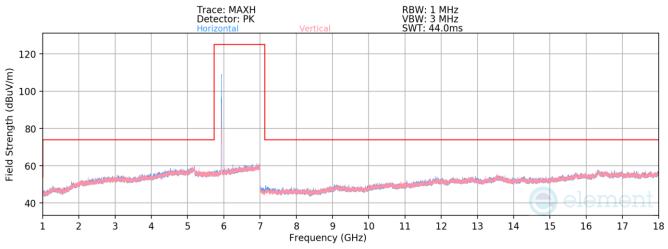
The amplitude offset shown in the radiated restricted band edge plots in Sections 7.7.4, 7.7.5, 7.7.6, 7.7.7,7.7.8, 7.7.9, 7.7.11, 7.7.12, 7.7.13, 7.7.14 and 7.7.15 was calculated using the formula:
 Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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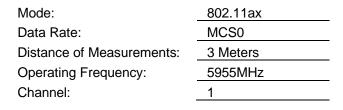


# 7.7.1 Antenna 5b Radiated Spurious Emission

RU26



Plot 7-673. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 1 - RU26)

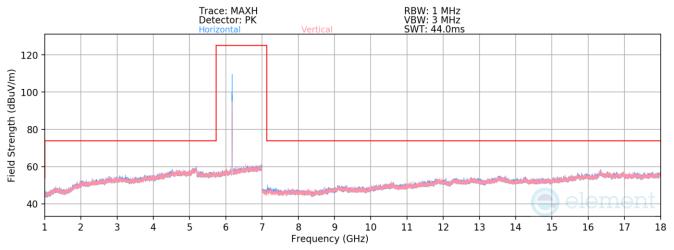


	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	11910.00	Peak	Н	-	-	-71.96	16.96	52.00	73.98	-21.98
*	11910.00	Average	Н	-	-	-83.41	16.96	40.55	53.98	-13.43
*	17865.00	Peak	Н	-	-	-72.20	21.89	56.69	73.98	-17.29
*	17865.00	Average	Н	-	-	-84.04	21.89	44.85	53.98	-9.13

Table 7-52. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 404 af 000
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Plot 7-674. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 45 - RU26)

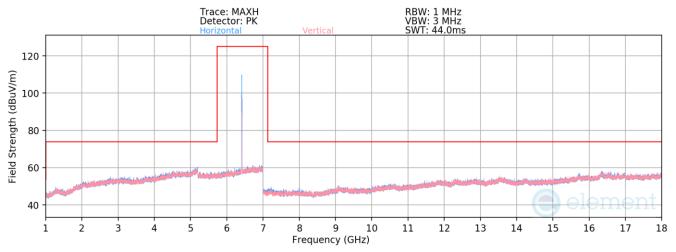
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6175MHz
Channel:	45

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	12350.00	Peak	Н	-	-	-72.91	17.84	51.93	73.98	-22.05
*	12350.00	Average	Н	-	-	-84.09	17.84	40.75	53.98	-13.23

Table 7-53. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-675. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 93 - RU26)

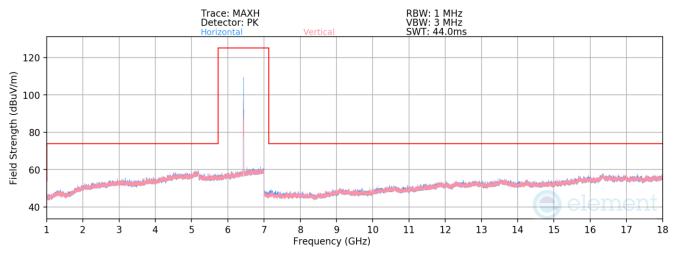
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6415MHz
Channel:	93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Average	Н	-	-	-83.97	18.55	41.58	68.20	-26.62

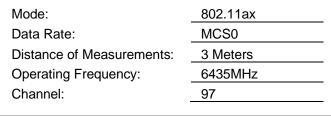
 Table 7-54. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-676. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 97 - RU26)

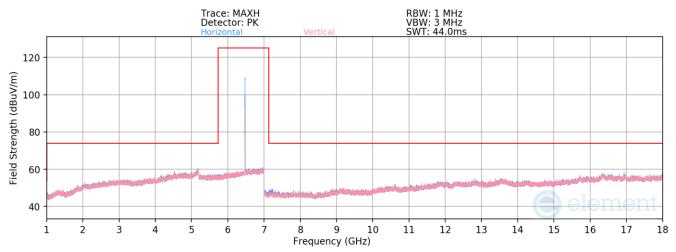


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Average	Н	-	-	-84.00	18.68	41.68	68.20	-26.52

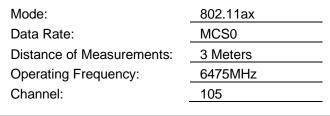
Table 7-55. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 197 of 202
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Plot 7-677. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 105 - RU26)

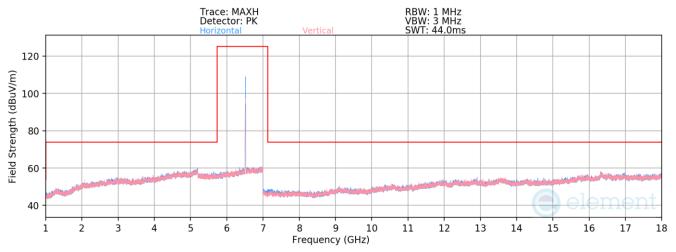


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Average	Н	-	-	-83.85	18.16	41.31	68.20	-26.89

 Table 7-56. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 100 of 200
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 188 of 323
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Plot 7-678. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 113 – RU26)

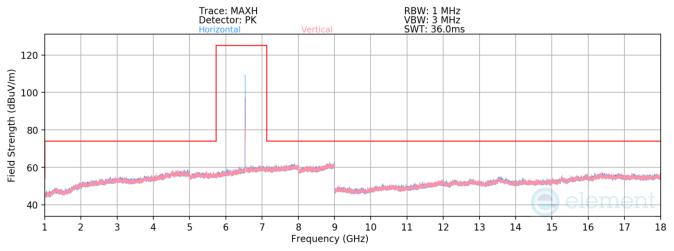
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6515MHz
Channel:	113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Average	Н	-	-	-83.64	18.53	41.89	68.20	-26.31

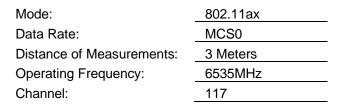
 Table 7-57. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 at 000
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 189 of 323
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Plot 7-679. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 117 – RU26)

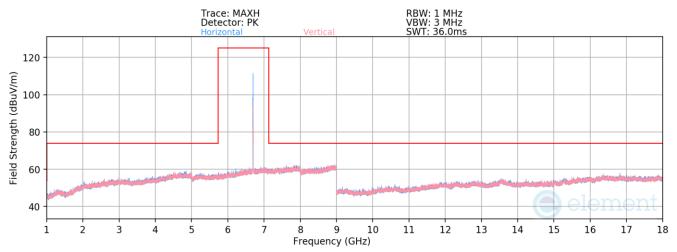


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Average	Н	-	-	-83.58	18.01	41.43	68.20	-26.77

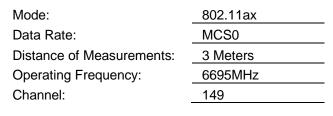
Table 7-58. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 at 200	
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 190 of 323	
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Plot 7-680. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 149 - RU26)

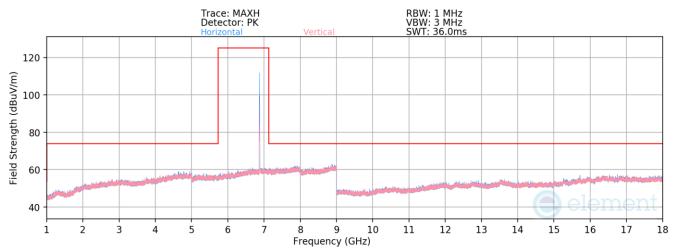


	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	13390.00	Peak	Н	-	-	-72.71	18.12	52.41	73.98	-21.57
*	13390.00	Average	Н	-	-	-84.11	18.12	41.01	53.98	-12.97

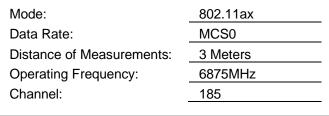
Table 7-59. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 101 of 202
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Plot 7-681. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 185 - RU26)

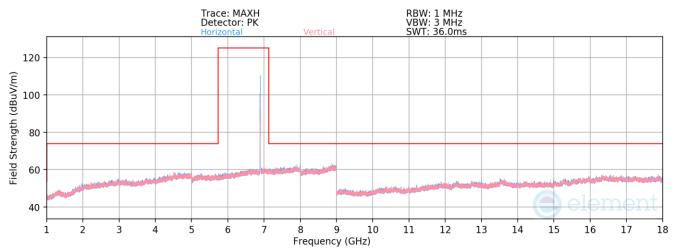


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Average	Н	-	-	-83.38	17.82	41.44	68.20	-26.76

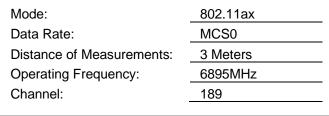
 Table 7-60. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 at 200
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 192 of 323
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Plot 7-682. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 189 - RU26)

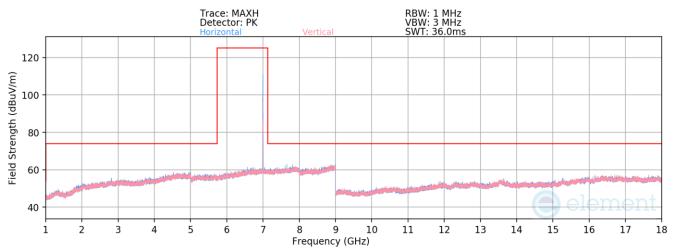


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Average	Н	-	-	-83.45	17.46	41.01	68.20	-27.19

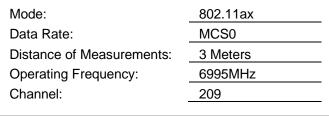
Table 7-61. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dage 102 of 222	
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Plot 7-683. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 209 - RU26)

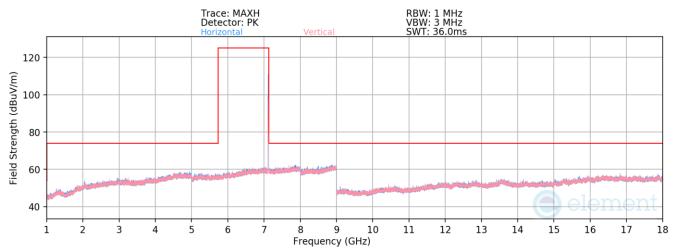


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13990.00	Average	Н	-	-	-83.57	17.85	41.28	68.20	-26.92

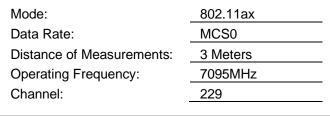
Table 7-62. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dage 104 of 222	
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Plot 7-684. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 229 - RU26)



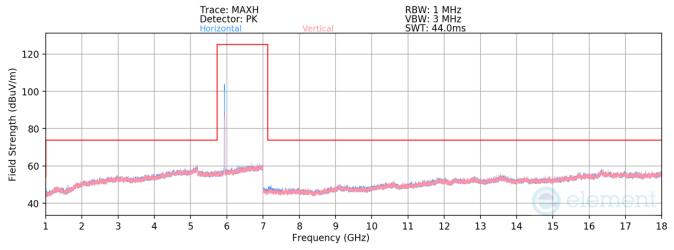
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14190.00	Average	Н	-	-	-83.96	18.13	41.17	68.20	-27.03

 Table 7-63. Radiated Spurious Emission Measurements Antenna 5b – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 405 af 202
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 195 of 323
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# RU242



Plot 7-685. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 1 - RU242)

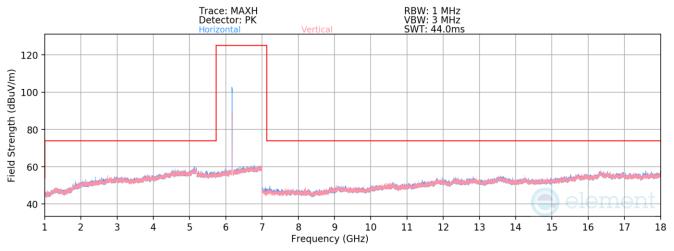
802.11ax
MCS0
3 Meters
5955MHz
1

	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	Н	-	-	-72.20	16.96	51.76	73.98	-22.22
*	11910.00	Average	Н	-	-	-83.59	16.96	40.37	53.98	-13.61
*	17865.00	Peak	Н	-	-	-72.44	21.89	56.45	73.98	-17.53
*	17865.00	Average	Н	-	-	-84.16	21.89	44.73	53.98	-9.25

Table 7-64. Radiated Spurious Emission Measurements Antenna 5b - RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 106 of 222
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Plot 7-686. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 45 – RU242)

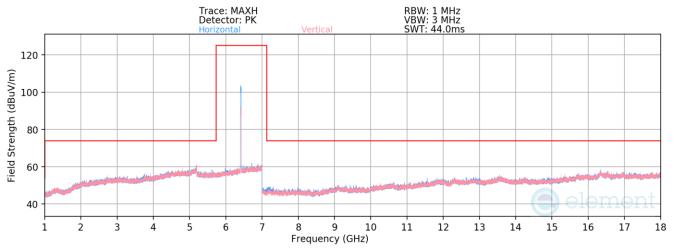
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6175MHz
Channel:	45

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	12350.00	Peak	Н	-	-	-72.91	17.84	51.93	73.98	-22.05
*	12350.00	Average	Н	-	-	-84.09	17.84	40.75	53.98	-13.23

Table 7-65. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Da a 407 a 4000
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Plot 7-687. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 93 - RU242)

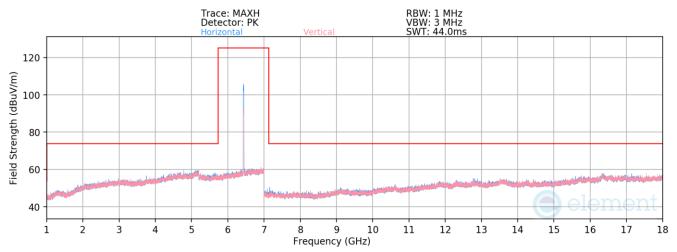
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6415MHz
Channel:	93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Average	Н	-	-	-83.97	18.55	41.58	68.20	-26.62

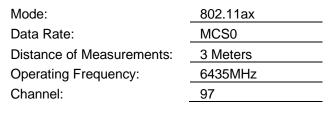
 Table 7-66. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 100 of 200
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Plot 7-688. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 97 - RU242)

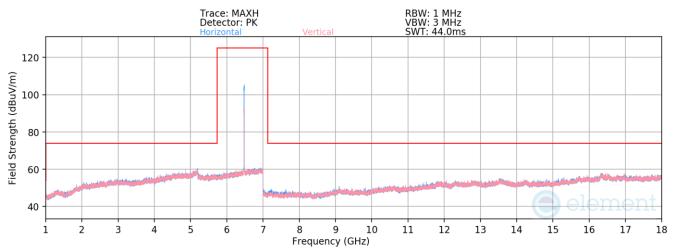


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Average	Н	-	-	-84.00	18.68	41.68	68.20	-26.52

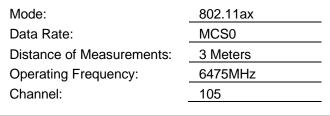
Table 7-67. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 at 000
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Plot 7-689. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 105 - RU242)

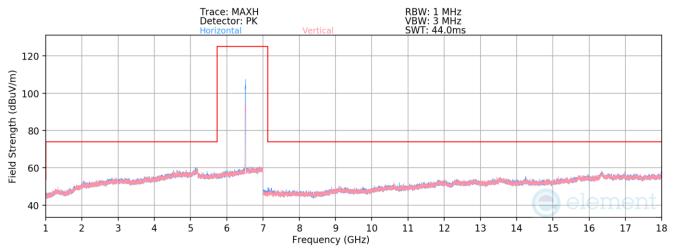


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Average	Н	-	-	-83.85	18.16	41.31	68.20	-26.89

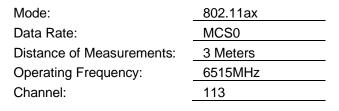
Table 7-68. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	D 000 -( 000
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 200 of 323
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Plot 7-690. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 113 – RU242)

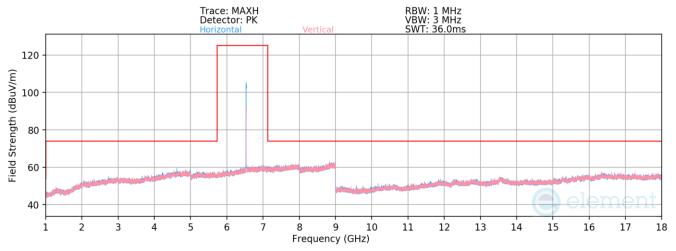


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Average	Н	-	-	-83.64	18.53	41.89	68.20	-26.31

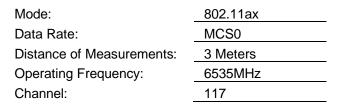
Table 7-69. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 004 at 000
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Plot 7-691. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax – Ch. 117 – RU242)

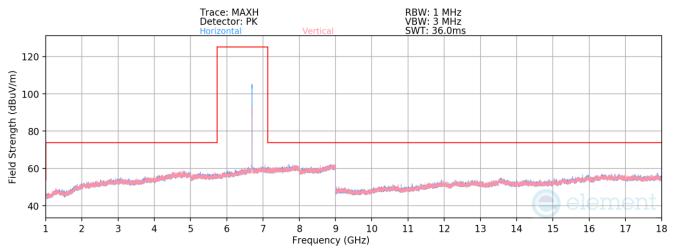


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Average	Н	-	-	-83.58	18.01	41.43	68.20	-26.77

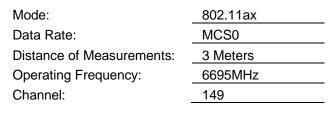
Table 7-70. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dawa 000 at 000
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Plot 7-692. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 149 - RU242)

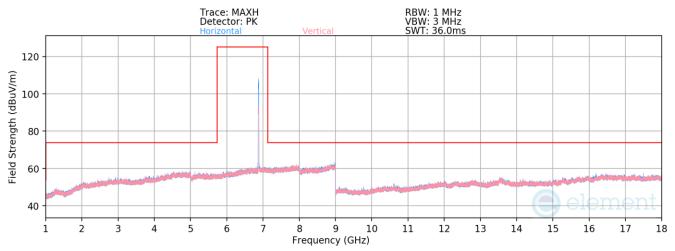


	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	13390.00	Peak	Н	-	-	-72.71	18.12	52.41	73.98	-21.57
*	13390.00	Average	Н	-	-	-84.11	18.12	41.01	53.98	-12.97

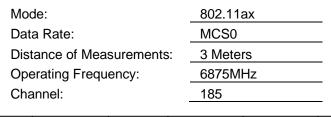
Table 7-71. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-693. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 185 - RU242)

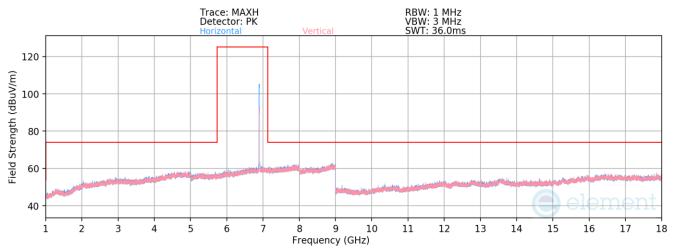


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Average	Н	-	-	-83.38	17.82	41.44	68.20	-26.76

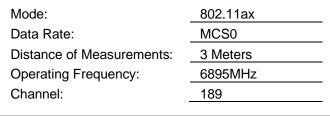
Table 7-72. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N: Test Dates:		EUT Type:	Dage 204 of 202	
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Plot 7-694. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 189 - RU242)

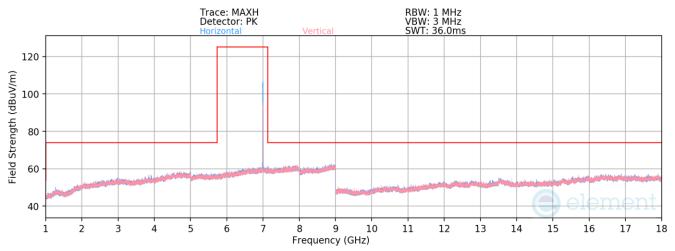


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	∆zimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Average	Н	-	-	-83.45	17.46	41.01	68.20	-27.19

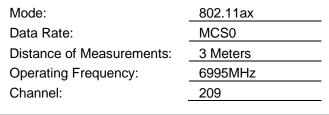
Table 7-73. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 205 of 323	
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Plot 7-695. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 209 - RU242)

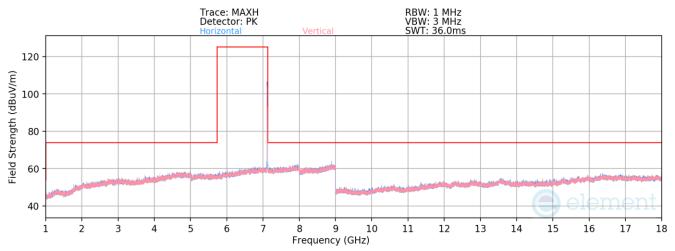


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13990.00	Average	Н	-	-	-83.57	17.85	41.28	68.20	-26.92

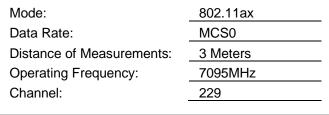
Table 7-74. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N: Test Dates:		EUT Type:	Dage 200 of 222	
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 206 of 323	
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Plot 7-696. Radiated Spurious Emissions above 1GHz Antenna 5b (802.11ax - Ch. 229 - RU242)



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	Average	Н	-	-	-83.96	18.13	41.17	68.20	-27.03

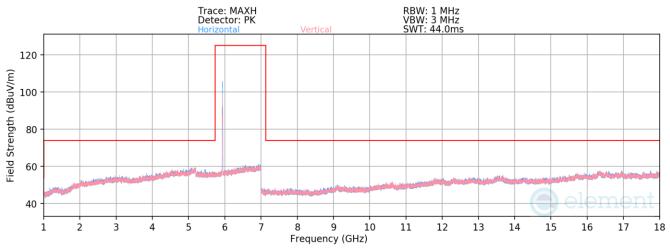
Table 7-75. Radiated Spurious Emission Measurements Antenna 5b – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: Test Dates:		EUT Type:	Dega 207 of 222
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 207 of 323
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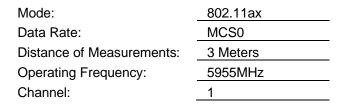


## 7.7.2 Antenna 4a Radiated Spurious Emission

RU26



Plot 7-697. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 1 - RU26)

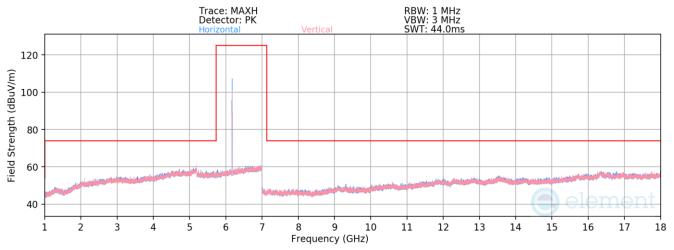


	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	11910.00	Peak	Н	-	-	-71.78	16.96	52.18	73.98	-21.80
*	11910.00	Average	Н	-	-	-83.41	16.96	40.55	53.98	-13.43
*	17865.00	Peak	Н	-	-	-72.58	21.89	56.31	73.98	-17.67
*	17865.00	Average	Н	-	-	-84.01	21.89	44.88	53.98	-9.10

 Table 7-76. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N: Test Dates:		EUT Type:	Dama 000 at 000	
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 208 of 323	
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Plot 7-698. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 45 - RU26)

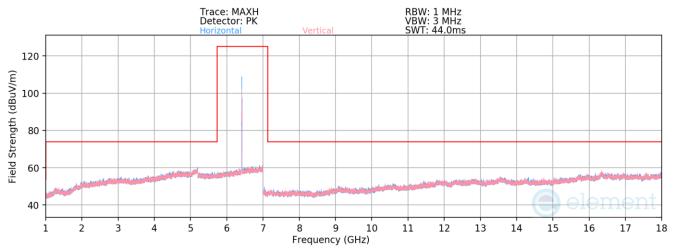
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6175MHz
Channel:	45

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	12350.00	Peak	Н	-	-	-72.37	17.84	52.47	73.98	-21.51
*	12350.00	Average	Н	-	-	-84.17	17.84	40.67	53.98	-13.31

Table 7-77. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 000 at 000
1C2205090025-22-R3.BCG	05/27/2022 - 9/12/2022	Tablet Device	Page 209 of 323
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Plot 7-699. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 93 - RU26)

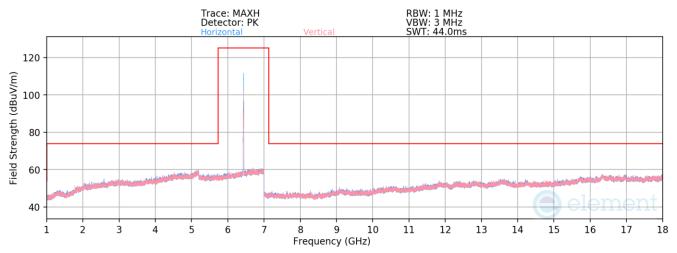
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6415MHz
Channel:	93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	∆zimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Average	Н	-	-	-84.24	18.55	41.31	68.20	-26.89

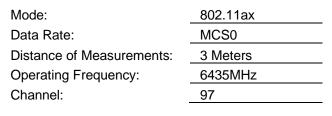
 Table 7-78. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 040 at 000	
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Plot 7-700. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 97 - RU26)

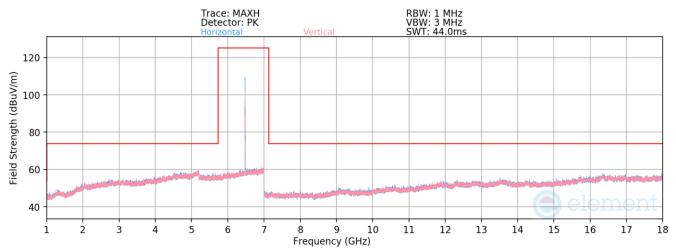


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Average	Н	-	-	-83.80	18.68	41.88	68.20	-26.32

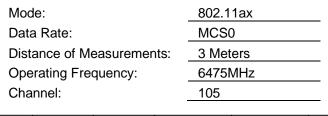
Table 7-79. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 211 of 323	
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Plot 7-701. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 105 - RU26)

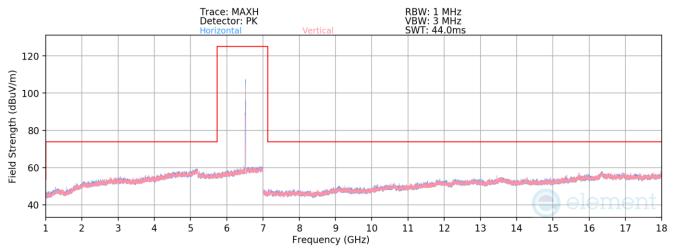


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Average	Н	-	-	-83.92	18.16	41.24	68.20	-26.96

Table 7-80. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 040 at 000
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Plot 7-702. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 113 – RU26)

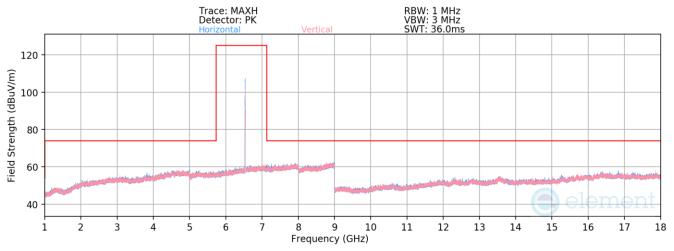
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6515MHz
Channel:	113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Average	Н	-	-	-83.67	18.53	41.86	68.20	-26.34

 Table 7-81. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 040 at 000	
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Plot 7-703. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 117 – RU26)

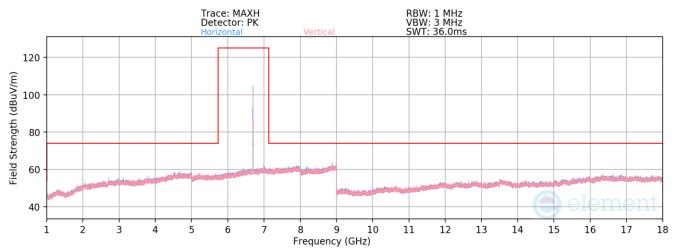
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6535MHz
Channel:	117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	∆zimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Average	Н	-	-	-83.73	18.01	41.28	68.20	-26.92

Table 7-82. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 044 at 200
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Plot 7-704. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 149 - RU26)

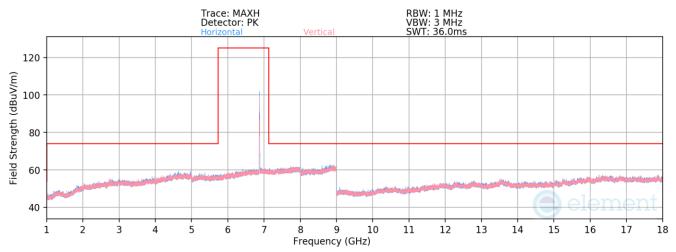
Mode:	802.11ax
Data Rate	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6695MHz
Channel:	149

	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	Н	-	-	-72.76	18.12	52.36	73.98	-21.62
*	13390.00	Average	Н	-	-	-83.97	18.12	41.15	53.98	-12.83

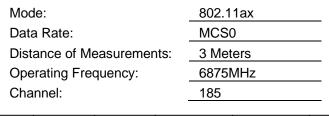
Table 7-83. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 015 of 000
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Plot 7-705. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 185 – RU26)

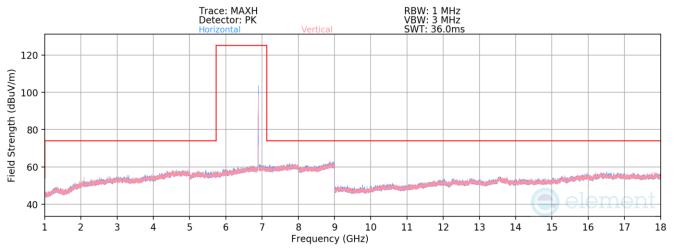


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Average	Н	-	-	-83.34	17.82	41.48	68.20	-26.72

Table 7-84. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 246 of 222
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Plot 7-706. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 189 – RU26)

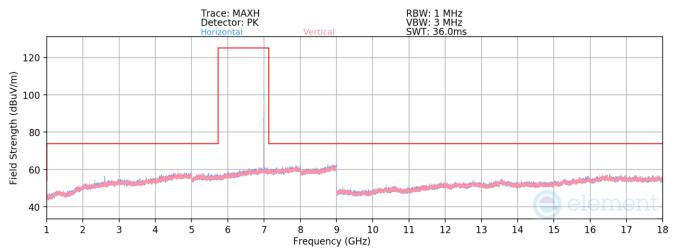
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6895MHz
Channel:	189

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	Average	Н	-	-	-83.40	17.46	41.06	68.20	-27.14

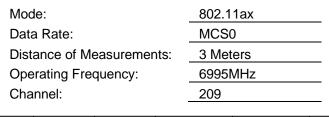
Table 7-85. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 047 of 000
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Plot 7-707. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 209 - RU26)

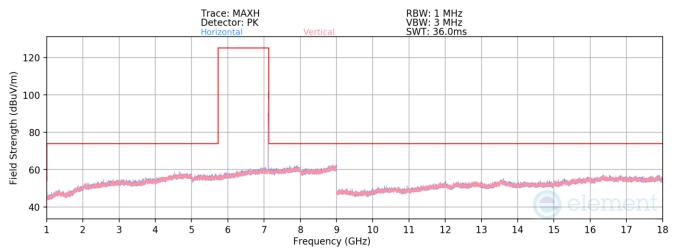


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	∆zimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13990.00	Average	Н	-	-	-83.53	17.85	41.32	68.20	-26.88

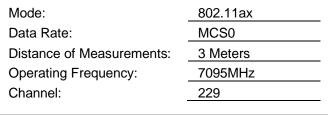
Table 7-86. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 040 at 000
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Plot 7-708. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 229 - RU26)



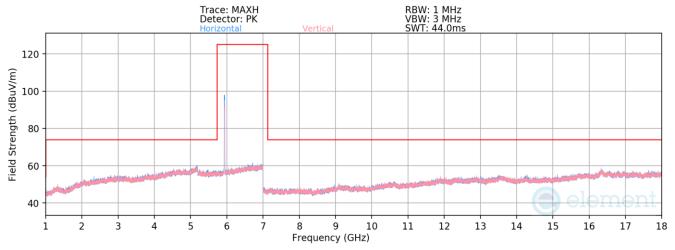
Frequenc [MHz]	y Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14190.00	Average	Н	-	-	-83.78	18.13	41.35	68.20	-26.85

Table 7-87. Radiated Spurious Emission Measurements Antenna 4a – RU26

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 240 of 222
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## RU242



Plot 7-709. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 1 - RU242)

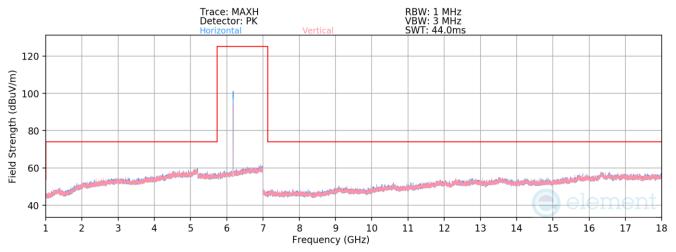
802.11ax
MCS0
3 Meters
5955MHz
1

	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	Н	-	-	-71.79	16.96	52.17	73.98	-21.81
*	11910.00	Average	Н	-	-	-83.58	16.96	40.38	53.98	-13.60
*	17865.00	Peak	Н	-	-	-72.20	21.89	56.69	73.98	-17.29
*	17865.00	Average	Н	-	-	-84.18	21.89	44.71	53.98	-9.27

Table 7-88. Radiated Spurious Emission Measurements Antenna 4a - RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 220 of 222
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Plot 7-710. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 45 – RU242)

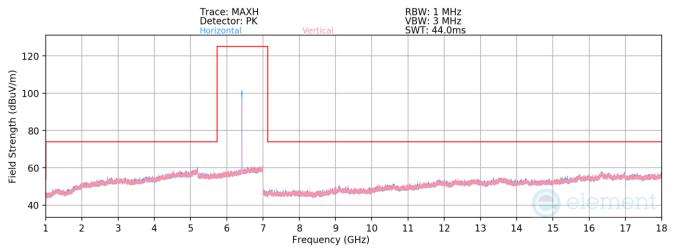
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6175MHz
Channel:	45

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
*	12350.00	Peak	Н	-	-	-72.66	17.84	52.18	73.98	-21.80
*	12350.00	Average	Н	-	-	-83.95	17.84	40.89	53.98	-13.09

Table 7-89. Radiated Spurious Emission Measurements Antenna 4a – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 221 of 222
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Plot 7-711. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 93 – RU242)

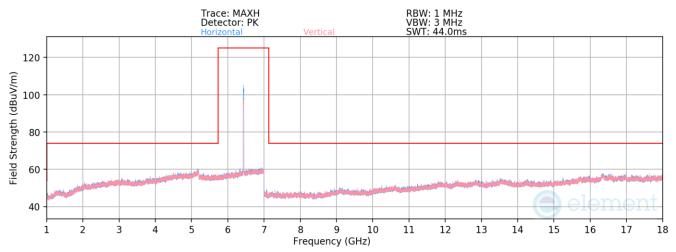
Mode:	802.11ax
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6415MHz
Channel:	93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Average	Н	-	-	-83.87	18.55	41.68	68.20	-26.52

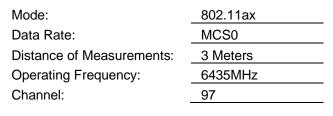
 Table 7-90. Radiated Spurious Emission Measurements Antenna 4a – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 200 of 200
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Plot 7-712. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 97 - RU242)

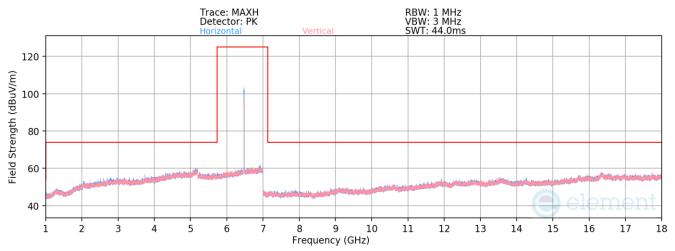


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Average	Н	-	-	-83.96	15.68	38.72	68.20	-29.48

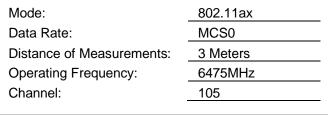
Table 7-91. Radiated Spurious Emission Measurements Antenna 4a – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 202 of 202
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Plot 7-713. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax - Ch. 105 - RU242)

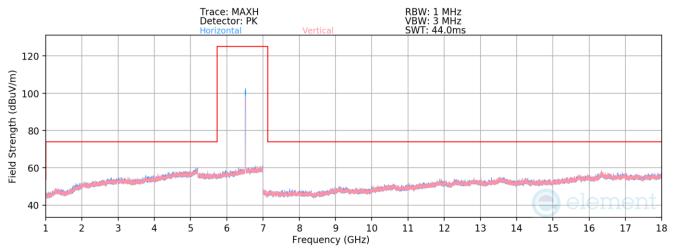


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Average	Н	-	-	-83.77	18.16	41.39	68.20	-26.81

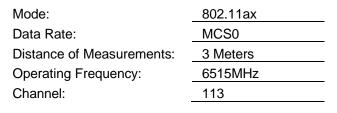
Table 7-92. Radiated Spurious Emission Measurements Antenna 4a – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Da a 2004 a 6 000
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Plot 7-714. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 113 – RU242)

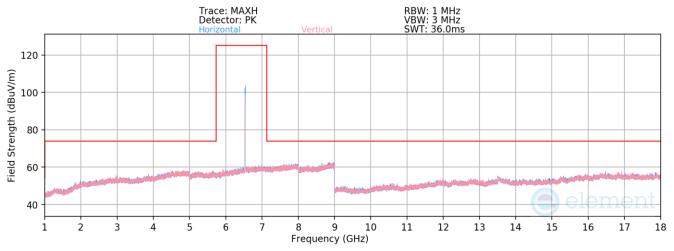


Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Average	Н	-	-	-83.90	18.53	41.63	68.20	-26.57

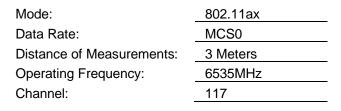
 Table 7-93. Radiated Spurious Emission Measurements Antenna 4a – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 005 at 000
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Plot 7-715. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax – Ch. 117 – RU242)



Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Average	Н	-	-	-83.61	18.02	41.41	68.20	-26.79

Table 7-94. Radiated Spurious Emission Measurements Antenna 4a – RU242

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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