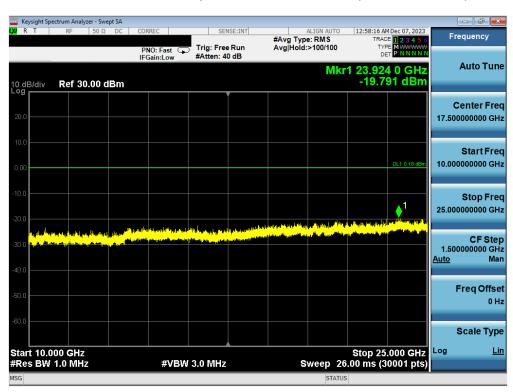


Plot 7-392. Conducted Spurious Plot Antenna 3a (802.11b - Ch. 11)

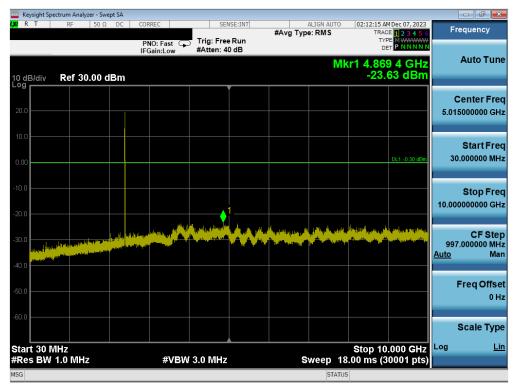


Plot 7-393. Conducted Spurious Plot Antenna 3a (802.11b - Ch. 11)

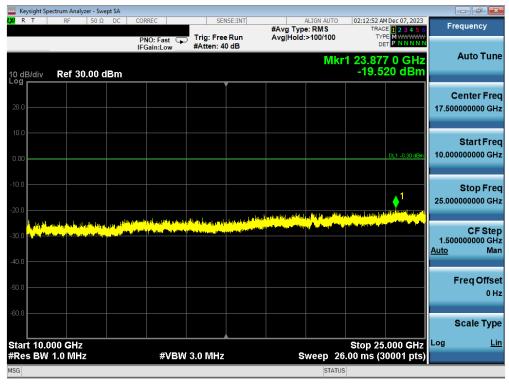
FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 242 of 200
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7.6.2 Antenna 1a Conducted Spurious Emissions



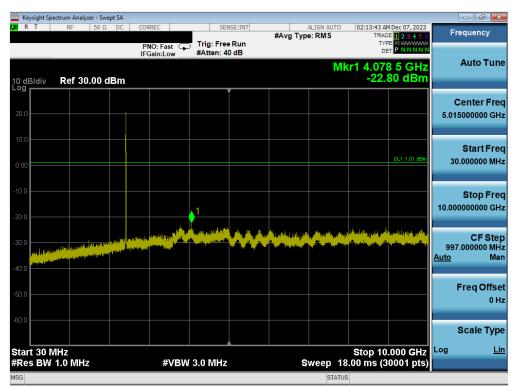
Plot 7-394. Conducted Spurious Plot Antenna 1a (802.11b - Ch. 1)



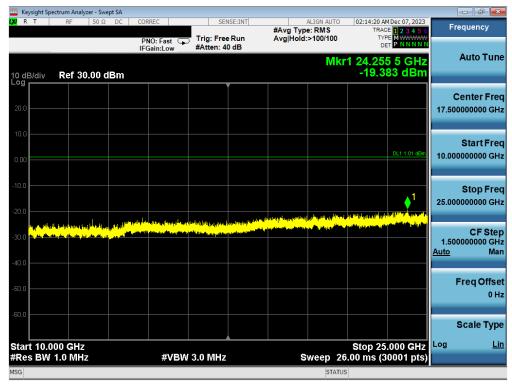
Plot 7-395. Conducted Spurious Plot Antenna 1a (802.11b - Ch. 1)

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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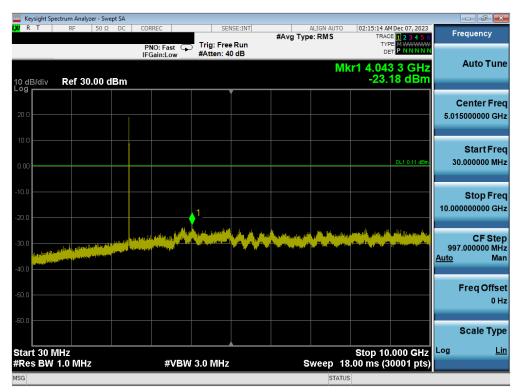
Plot 7-396. Conducted Spurious Plot Antenna 1a (802.11b - Ch. 6)



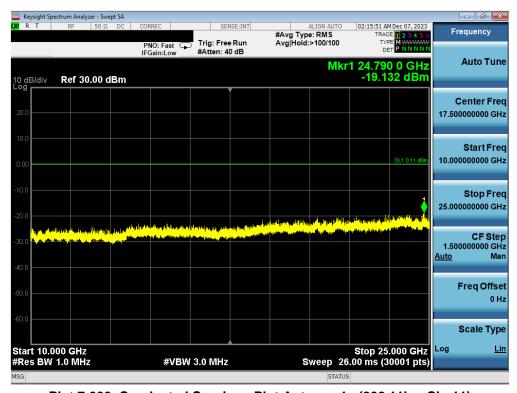
Plot 7-397. Conducted Spurious Plot Antenna 1a (802.11b - Ch. 6)

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-398. Conducted Spurious Plot Antenna 1a (802.11b - Ch. 11)



Plot 7-399. Conducted Spurious Plot Antenna 1a (802.11b - Ch. 11)

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 245 of 200
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7.7 Radiated Spurious Emissions – Above 1 GHz §15.247(d) §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 maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

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 7-47 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [µV/m]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-47. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Subclause 6.6.4.3 KDB 558074 D01 v05r02 – Sections 8.6, 8.7

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 ≥ 2 x span/RBW)
- 6. Sweep time = auto
- 7. Trace (RMS) averaging was performed over at least 100 traces

Peak Field Strength Measurements

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

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Test Setup

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

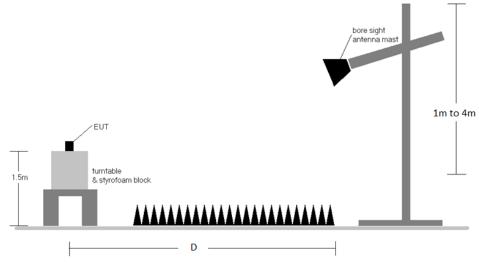


Figure 7-6. Radiated Measurement Setup

Test Notes

- The optional test procedures for antenna port conducted measurements of unwanted emissions per the guidance of KDB 558074 D01 v05r02 were not used to evaluate this device for compliance to radiated limits.
 All Radiated Spurious Emissions levels were measured in a radiated test setup.
- 2. All emissions lying in restricted bands specified in Section 15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-47.
- 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.
- 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. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 9. The unit was tested with all possible modes and only the highest emission is reported.

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Sample Calculations

Determining Spurious Emissions Levels

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

Radiated Band Edge Measurement Offset

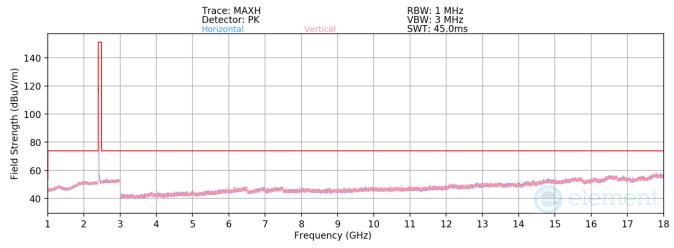
The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.4, 7.7.5, and
 7.7.6 were calculated using the formula:

Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

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7.7.1 Antenna 3a Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-400. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11b - Ch. 1)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

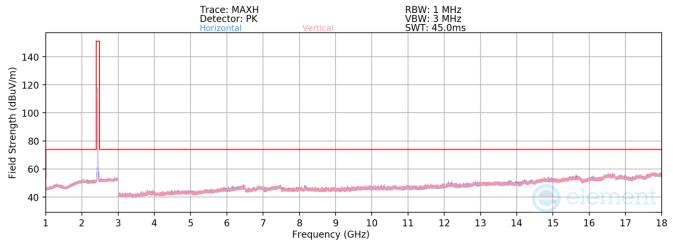
Channel: 1

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]
4824.00	Avg	Н	-	-	-77.45	4.19	33.74	53.98	-20.24
4824.00	Peak	Н	-	-	-65.86	4.19	45.33	73.98	-28.65
12060.00	Avg	Н	-	-	-80.26	12.07	38.81	53.98	-15.17
12060.00	Peak	Н	-	-	-69.43	12.07	49.64	73.98	-24.34

Table 7-48. Radiated Measurements Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Page 249 of 388		
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Plot 7-401. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11b - Ch. 6)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

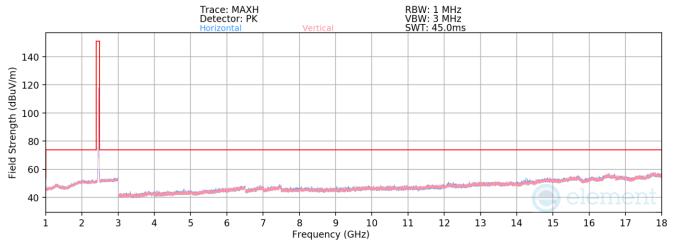
Channel: 6

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]
4874.00	Avg	Н	-	-	-77.84	4.16	33.32	53.98	-20.66
4874.00	Peak	Н	-	-	-66.26	4.16	44.90	73.98	-29.08
7311.00	Avg	Н	-	-	-78.87	8.77	36.90	53.98	-17.08
7311.00	Peak	Н	-	-	-67.37	8.77	48.40	73.98	-25.58
12185.00	Avg	Н	-	-	-81.09	12.48	38.39	53.98	-15.59
12185.00	Peak	Н	-	-	-70.73	12.48	48.75	73.98	-25.23

Table 7-49. Radiated Measurements Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 250 of 200
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Plot 7-402. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11b - Ch. 11)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

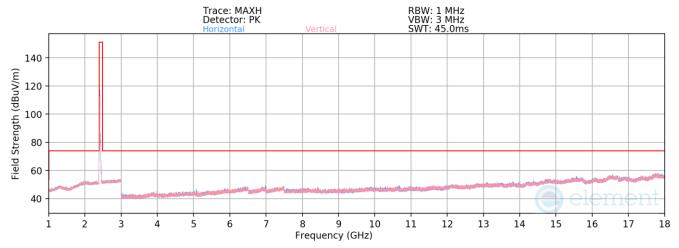
Channel: 11

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]
4924.00	Avg	Н	-	-	-77.92	4.41	33.49	53.98	-20.49
4924.00	Peak	Н	-	-	-66.79	4.41	44.62	73.98	-29.36
7386.00	Avg	Н	-	-	-78.73	8.67	36.94	53.98	-17.04
7386.00	Peak	Н	-	-	-67.59	8.67	48.08	73.98	-25.90
12310.00	Avg	Н	-	-	-80.41	12.43	39.02	53.98	-14.96
12310.00	Peak	Н	-	-	-69.39	12.43	50.04	73.98	-23.94

Table 7-50. Radiated Measurements Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dogo 254 of 200		
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Plot 7-403. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11ax(SU) - Ch. 1)

 Mode:
 802.11ax(SU)

 Data Rate:
 MCS0

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2412MHz

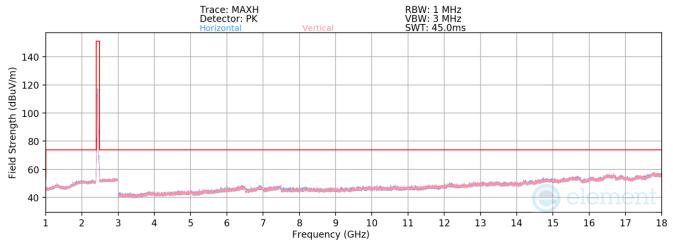
 Channel:
 1

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]
4824.00	Avg	Н	-	-	-77.54	4.19	33.65	53.98	-20.33
4824.00	Peak	Н	-	-	-66.39	4.19	44.80	73.98	-29.18
12060.00	Avg	Н	-	-	-80.56	12.07	38.51	53.98	-15.47
12060.00	Peak	Н	-	-	-70.06	12.07	49.01	73.98	-24.97

Table 7-51. Radiated Measurements Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 252 of 200
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Plot 7-404. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11ax(SU) - Ch. 6)

Mode: 802.11ax(SU)

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

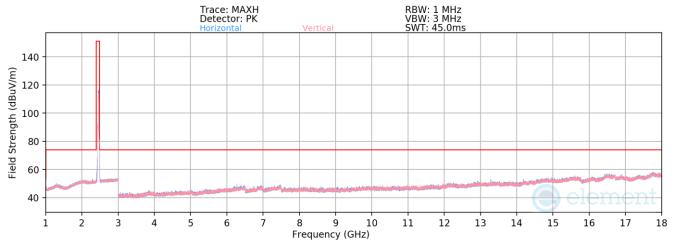
Channel: 6

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]
4874.00	Avg	Н	-	-	-77.83	4.16	33.33	53.98	-20.65
4874.00	Peak	Н	-	-	-66.67	4.16	44.49	73.98	-29.49
7311.00	Avg	Н	-	-	-79.16	8.77	36.61	53.98	-17.37
7311.00	Peak	Н	-	-	-67.23	8.77	48.54	73.98	-25.44
12185.00	Avg	Н	-	-	-80.89	12.48	38.59	53.98	-15.39
12185.00	Peak	Н	-	-	-69.32	12.48	50.16	73.98	-23.82

Table 7-52. Radiated Measurements Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	ement MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dogg 252 of 200		
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Plot 7-405. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11ax(SU) - Ch. 11)

Mode: 802.11ax(SU)

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

Channel: 11

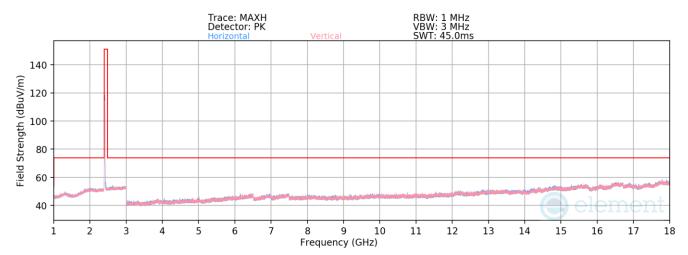
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-78.08	4.41	33.33	53.98	-20.65
4924.00	Peak	Н	-	-	-66.85	4.41	44.56	73.98	-29.42
7386.00	Avg	Н	-	-	-78.09	8.67	37.58	53.98	-16.40
7386.00	Peak	Н	-	-	-67.09	8.67	48.58	73.98	-25.40
12310.00	Avg	Н	-	-	-81.00	12.43	38.43	53.98	-15.55
12310.00	Peak	Н	-	-	-70.27	12.43	49.16	73.98	-24.82

Table 7-53. Radiated Measurements Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	lement MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Daga 254 of 200		
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7.7.2 Antenna 1a Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-406. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11b - Ch. 1)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

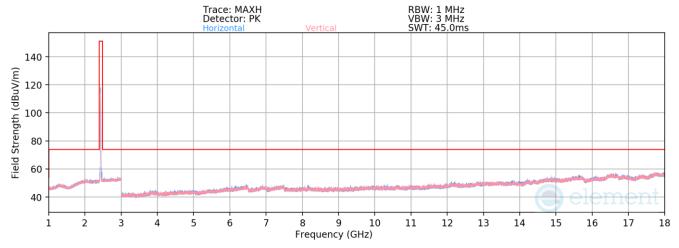
Channel: 1

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]
4824.00	Avg	Н	-	-	-77.74	4.19	33.45	53.98	-20.53
4824.00	Peak	Н	-	-	-66.40	4.19	44.79	73.98	-29.19
12060.00	Avg	Н	-	-	-80.03	12.07	39.04	53.98	-14.94
12060.00	Peak	Н	-	-	-68.75	12.07	50.32	73.98	-23.66

Table 7-54. Radiated Measurements Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dog 255 of 200		
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Plot 7-407. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11b - Ch. 6)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

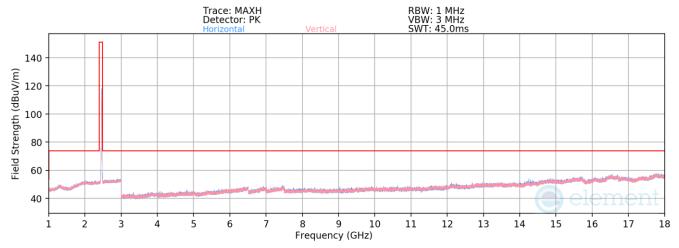
Channel: 6

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]
4874.00	Avg	Н	-	-	-77.81	4.16	33.35	53.98	-20.63
4874.00	Peak	Н	-	-	-66.34	4.16	44.82	73.98	-29.16
7311.00	Avg	Н	-	-	-79.13	8.77	36.64	53.98	-17.34
7311.00	Peak	Н	-	-	-67.73	8.77	48.04	73.98	-25.94
12185.00	Avg	Н	-	-	-80.88	12.48	38.60	53.98	-15.38
12185.00	Peak	Н	-	-	-69.80	12.48	49.68	73.98	-24.30

Table 7-55. Radiated Measurements Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	ement MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dogg 250 of 200		
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Plot 7-408. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11b - Ch. 11)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

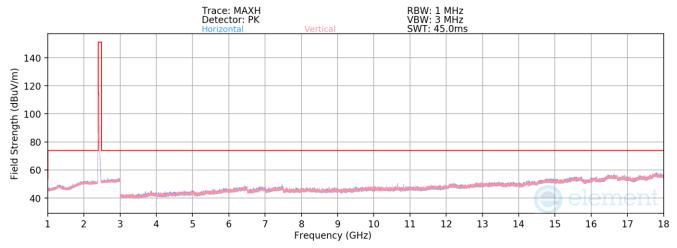
Channel: 11

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]
4924.00	Avg	Н	-	-	-78.23	4.41	33.18	53.98	-20.80
4924.00	Peak	Н	-	-	-66.66	4.41	44.75	73.98	-29.23
7386.00	Avg	Н	-	-	-78.78	8.67	36.89	53.98	-17.09
7386.00	Peak	Н	-	-	-67.43	8.67	48.24	73.98	-25.74
12310.00	Avg	Н	-	-	-80.61	12.43	38.82	53.98	-15.16
12310.00	Peak	Н	-	-	-69.79	12.43	49.64	73.98	-24.34

Table 7-56. Radiated Measurements Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N: Test Dates:		EUT Type:	Daga 257 of 200		
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Plot 7-409. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11ax(SU) - Ch. 1)

Mode: 802.11ax(SU)

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

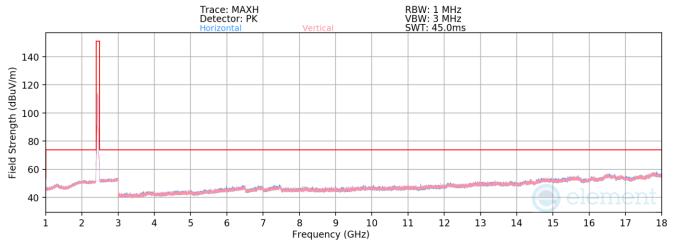
Channel: 1

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]
4824.00	Avg	Н	-	-	-77.80	4.19	33.39	53.98	-20.59
4824.00	Peak	Н	-	-	-65.90	4.19	45.29	73.98	-28.69
12060.00	Avg	Н	-	-	-80.31	12.07	38.76	53.98	-15.22
12060.00	Peak	Н	-	-	-69.94	12.07	49.13	73.98	-24.85

Table 7-57. Radiated Measurements Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N: Test Dates:		EUT Type:	Daga 250 of 200		
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Plot 7-410. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11ax(SU) - Ch. 6)

Mode: 802.11ax(SU)

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

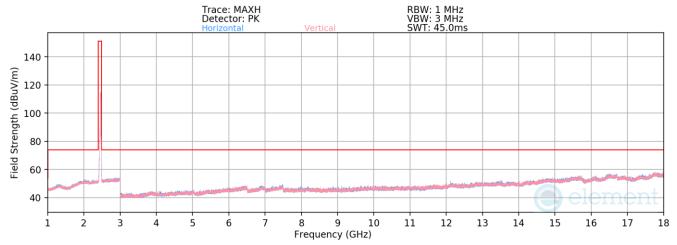
Channel: 6

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]
4874.00	Avg	Н	-	-	-78.05	4.16	33.11	53.98	-20.87
4874.00	Peak	Н	-	-	-66.46	4.16	44.70	73.98	-29.28
7311.00	Avg	Н	-	-	-79.12	8.77	36.65	53.98	-17.33
7311.00	Peak	Н	-	-	-67.91	8.77	47.86	73.98	-26.12
12185.00	Avg	Н	-	-	-81.04	12.48	38.44	53.98	-15.54
12185.00	Peak	Н	-	-	-69.97	12.48	49.51	73.98	-24.47

Table 7-58. Radiated Measurements Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N: Test Dates:		EUT Type:	Dogg 250 of 200		
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Plot 7-411. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11ax(SU) - Ch. 11)

Mode: 802.11ax(SU)

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

Channel: 11

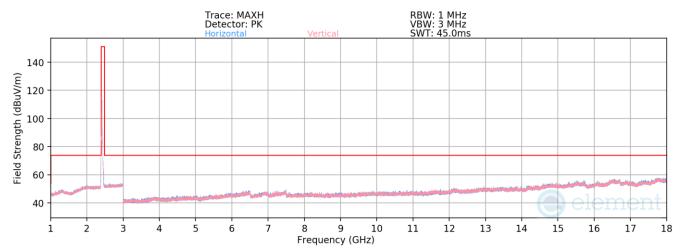
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-78.25	4.41	33.16	53.98	-20.82
4924.00	Peak	Н	-	-	-66.19	4.41	45.22	73.98	-28.76
7386.00	Avg	Н	-	-	-78.94	8.67	36.73	53.98	-17.25
7386.00	Peak	Н	-	-	-67.20	8.67	48.47	73.98	-25.51
12310.00	Avg	Н	-	-	-80.95	12.43	38.48	53.98	-15.50
12310.00	Peak	Н	-	-	-69.21	12.43	50.22	73.98	-23.76

Table 7-59. Radiated Measurements Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 260 of 388
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7.7.3 CDD Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-412. Radiated Spurious Emissions above 1GHz CDD (802.11n - Ch. 1)

Mode: 802.11n

Data Rate: MCS10

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

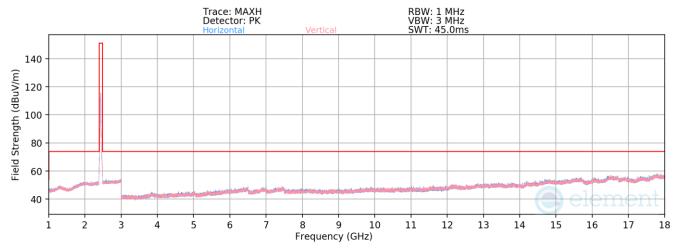
Channel: 1

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]
4824.00	Avg	Н	-	-	-77.56	4.19	33.63	53.98	-20.35
4824.00	Peak	Н	-	-	-66.28	4.19	44.91	73.98	-29.07
12060.00	Avg	Н	-	-	-80.68	12.07	38.39	53.98	-15.59
12060.00	Peak	Н	-	-	-69.98	12.07	49.09	73.98	-24.89

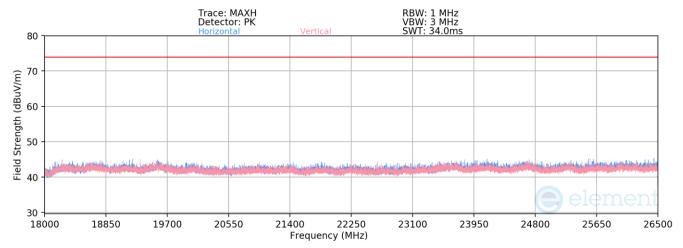
Table 7-60. Radiated Measurements CDD

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N: Test Dates:		EUT Type:	Dogg 201 of 200		
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Plot 7-413. Radiated Spurious Emissions above 1GHz CDD (802.11n - Ch. 6)



Plot 7-414. Radiated Spurious Emissions above 18GHz CDD (802.11n - Ch.6)

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N: Test Dates:		EUT Type:	Daga 202 of 200		
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Mode: 802.11n

Data Rate: MCS10

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

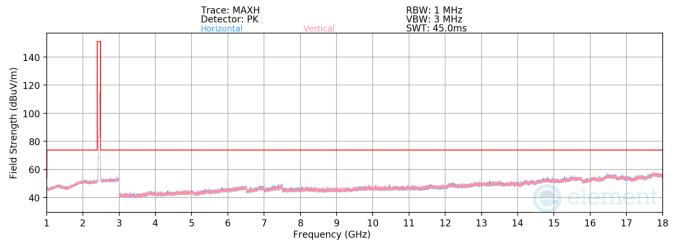
Channel: 6

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]
4874.00	Avg	Н	-	-	-77.92	4.16	33.24	53.98	-20.74
4874.00	Peak	Н	-	-	-66.31	4.16	44.85	73.98	-29.13
7311.00	Avg	Н	-	-	-78.98	8.77	36.79	53.98	-17.19
7311.00	Peak	Н	-	-	-67.52	8.77	48.25	73.98	-25.73
12185.00	Avg	Н	-	-	-81.00	12.48	38.48	53.98	-15.50
12185.00	Peak	Н	-	-	-70.17	12.48	49.31	73.98	-24.67

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2899 IC: 579C-A2899	element)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogg 202 of 200
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Plot 7-415. Radiated Spurious Emissions above 1GHz CDD (802.11n - Ch. 11)

Mode: 802.11n

Data Rate: MCS10

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

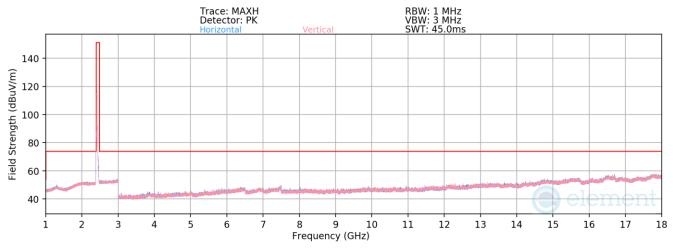
Channel: 11

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]
4924.00	Avg	Н	-	-	-78.23	4.41	33.18	53.98	-20.80
4924.00	Peak	Н	-	-	-66.89	4.41	44.52	73.98	-29.46
7386.00	Avg	Н	-	-	-78.99	8.67	36.68	53.98	-17.30
7386.00	Peak	Н	-	-	-67.29	8.67	48.38	73.98	-25.60
12310.00	Avg	Н	-	-	-80.71	12.43	38.72	53.98	-15.26
12310.00	Peak	Н	-	-	-70.15	12.43	49.28	73.98	-24.70

Table 7-62. Radiated Measurements CDD

FCC ID: BCGA2899 IC: 579C-A2899	element)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogg 204 of 200
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Plot 7-416. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) - Ch. 1)

Mode: 802.11ax (SU)

Data Rate: MCS2

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

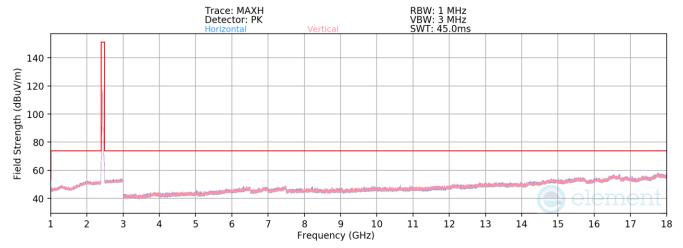
Channel: 1

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]
4824.00	Avg	Н	-	-	-77.57	4.19	33.62	53.98	-20.36
4824.00	Peak	Н	-	-	-66.27	4.19	44.92	73.98	-29.06
12060.00	Avg	Н	-	-	-80.51	12.07	38.56	53.98	-15.42
12060.00	Peak	Н	-	-	-70.19	12.07	48.88	73.98	-25.10

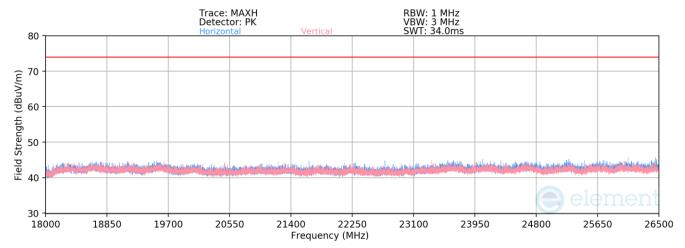
Table 7-63. Radiated Measurements CDD

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Daga 205 of 200		
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Plot 7-417. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) - Ch. 6)



Plot 7-418. Radiated Spurious Emissions above 18GHz CDD (802.11ax (SU) - Ch.6)

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 200		
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Mode: 802.11ax (SU)

Data Rate: MCS2

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

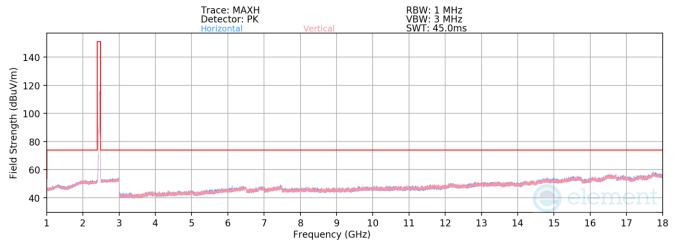
Channel: 6

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]
4874.00	Avg	Н	-	-	-77.66	4.16	33.50	53.98	-20.48
4874.00	Peak	Н	-	-	-66.65	4.16	44.51	73.98	-29.47
7311.00	Avg	Н	-	-	-79.12	8.77	36.65	53.98	-17.33
7311.00	Peak	Н	-	-	-67.91	8.77	47.86	73.98	-26.12
12185.00	Avg	Н	-	-	-80.94	12.48	38.54	53.98	-15.44
12185.00	Peak	Н	-	-	-70.01	12.48	49.47	73.98	-24.51

Table 7-64. Radiated Measurements CDD

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Daga 207 of 200		
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Plot 7-419. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) - Ch. 11)

Mode: 802.11ax (SU)

Data Rate: MCS2

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

Channel: 11

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]
4924.00	Avg	Н	-	-	-78.14	4.41	33.27	53.98	-20.71
4924.00	Peak	Н	-	-	-66.75	4.41	44.66	73.98	-29.32
7386.00	Avg	Н	-	-	-78.54	8.67	37.13	53.98	-16.85
7386.00	Peak	Н	-	-	-67.26	8.67	48.41	73.98	-25.57
12310.00	Avg	Н	-	-	-80.71	12.43	38.72	53.98	-15.26
12310.00	Peak	Н	-	-	-69.20	12.43	50.23	73.98	-23.75

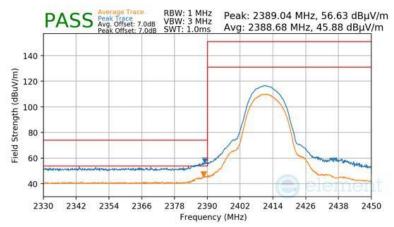
Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 260 of 200
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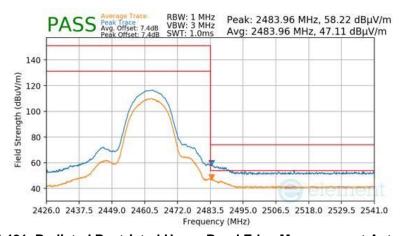
7.7.4 Antenna 3a Radiated Restricted Band Edge Measurements §15.205 §15.209; RSS-Gen [8.9]

Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-420. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2462MHzChannel:11

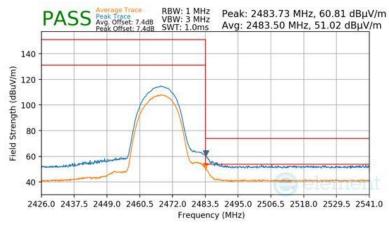


Plot 7-421. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	element MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dags 200 of 200		
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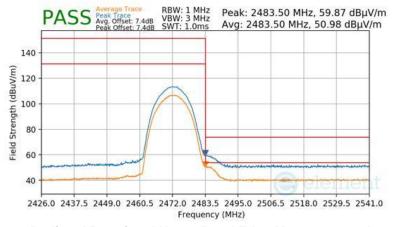


Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2467MHzChannel:12



Plot 7-422. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2472MHzChannel:13

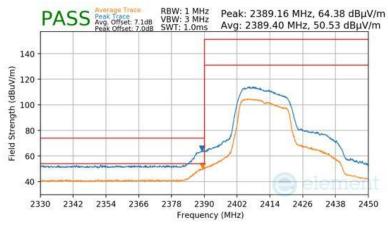


Plot 7-423. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 270 of 200
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Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-424. Radiated Restricted Lower Band Edge Measurement Antenna 3a

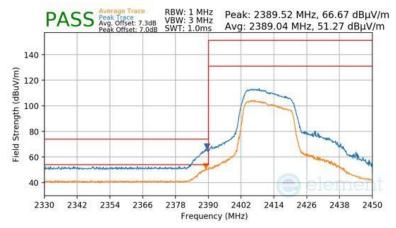
Mode: 802.11n

Data Rate: MCS4

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

Channel: 1

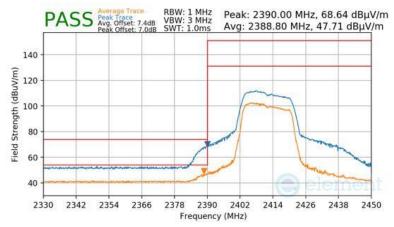


Plot 7-425. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 274 of 200
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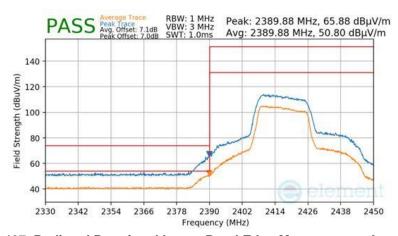


Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-426. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2

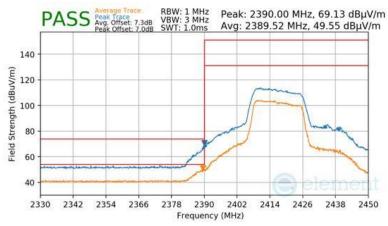


Plot 7-427. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 272 of 200
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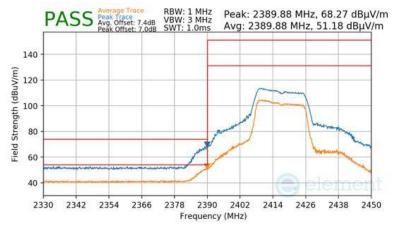


Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2



Plot 7-428. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2

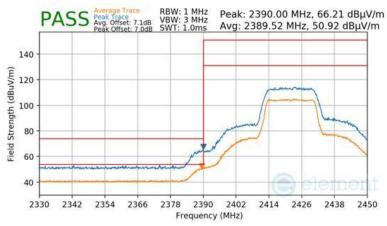


Plot 7-429. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dog 072 of 200
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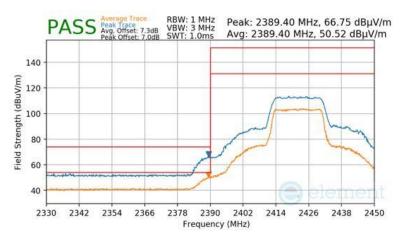


Mode:	802.11n
Data Rate:	MCS2
Distance of Measurements:	3 Meters
Operating Frequency:	2422MHz
Channel:	3



Plot 7-430. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3

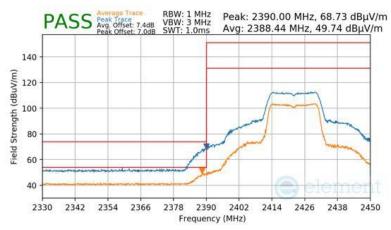


Plot 7-431. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 274 of 200
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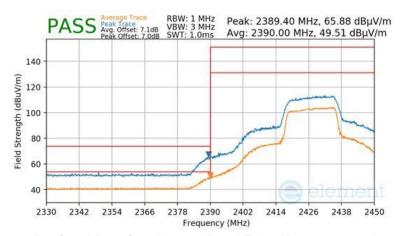


Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3



Plot 7-432. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4

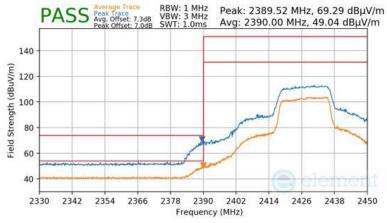


Plot 7-433. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 275 of 200
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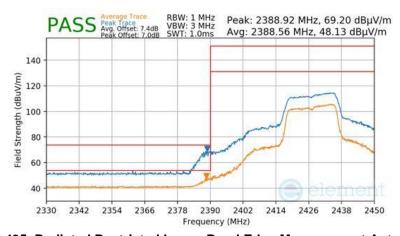


Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4



Plot 7-434. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4

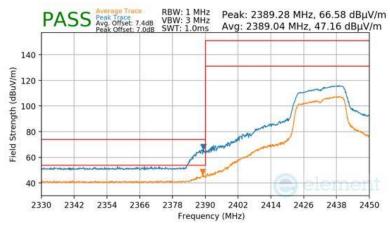


Plot 7-435. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 276 of 200
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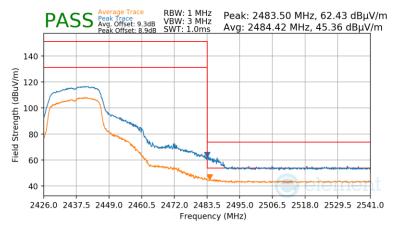


Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2432MHzChannel:5



Plot 7-436. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2437MHzChannel:6

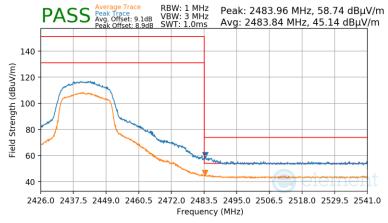


Plot 7-437. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 277 of 200
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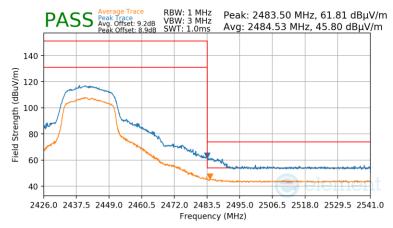


Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7



Plot 7-438. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7

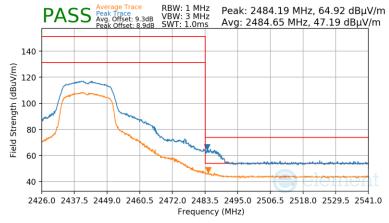


Plot 7-439. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 270 of 200
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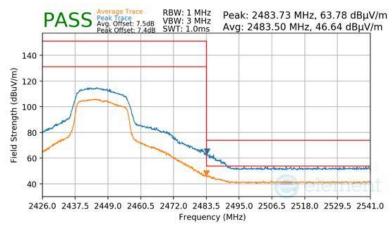


Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7



Plot 7-440. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2447MHzChannel:8

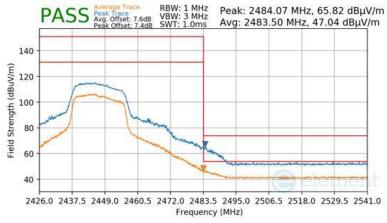


Plot 7-441. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 270 of 200
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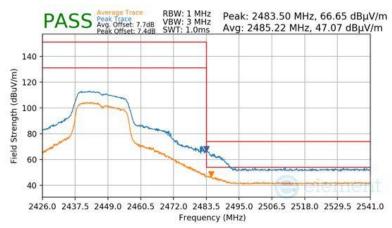


Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2447MHzChannel:8



Plot 7-442. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2447MHzChannel:8

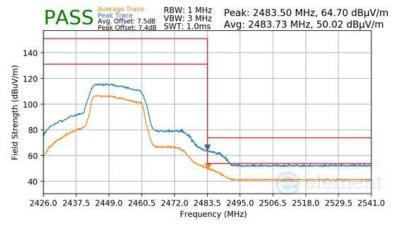


Plot 7-443. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 200
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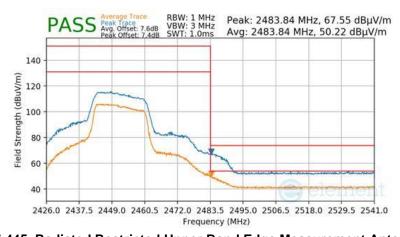


802.11n
MCS2
3 Meters
2452MHz
9



Plot 7-444. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2452MHzChannel:9

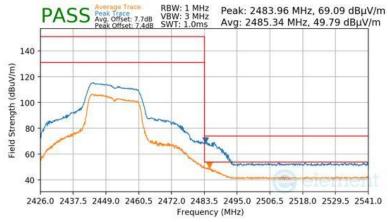


Plot 7-445. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 284 of 288
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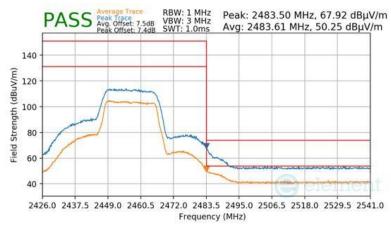


Mode:	802.11n
Data Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	2452MHz
Channel:	9



Plot 7-446. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:	802.11n
Data Rate:	MCS2
Distance of Measurements:	3 Meters
Operating Frequency:	2457MHz
Channel:	10



Plot 7-447. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 282 of 288
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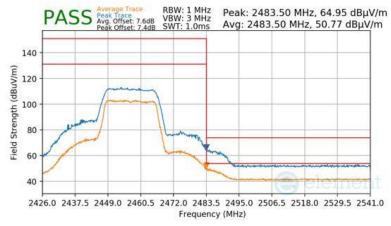
 Mode:
 802.11n

 Data Rate:
 MCS4

 Distance of Measurements:
 3 Meters

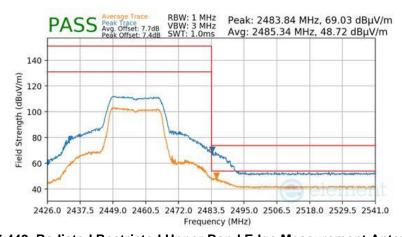
 Operating Frequency:
 2457MHz

 Channel:
 10



Plot 7-448. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2457MHzChannel:10

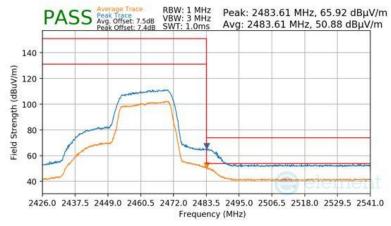


Plot 7-449. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 202 of 200
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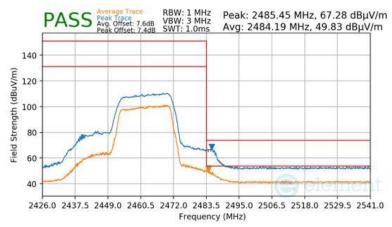


Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2462MHzChannel:11



Plot 7-450. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2462MHzChannel:11

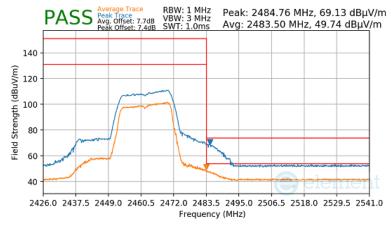


Plot 7-451. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Page 284 of 388
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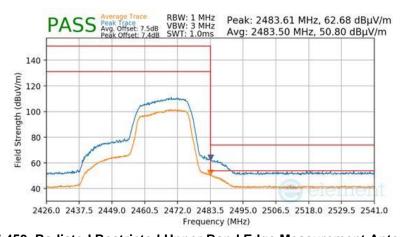


Mode:	802.11n
Data Rate:	MCS7
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11



Plot 7-452. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2467MHzChannel:12

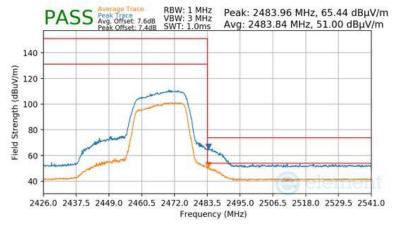


Plot 7-453. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 205 of 200
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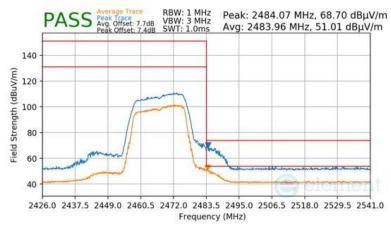


802.11n
MCS4
3 Meters
2467MHz
12



Plot 7-454. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2467MHzChannel:12

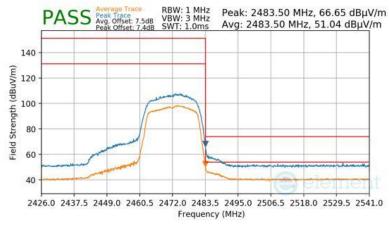


Plot 7-455. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 200
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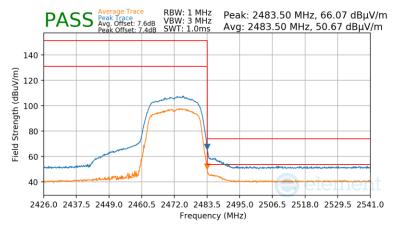


Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2472MHzChannel:13



Plot 7-456. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2472MHzChannel:13

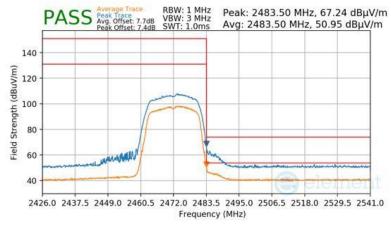


Plot 7-457. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 297 of 299
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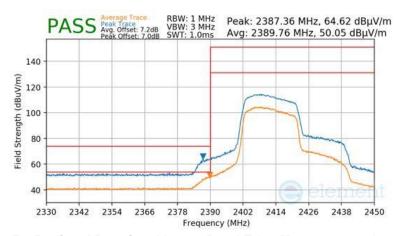


802.11n
MCS7
3 Meters
2472MHz
13



Plot 7-458. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1

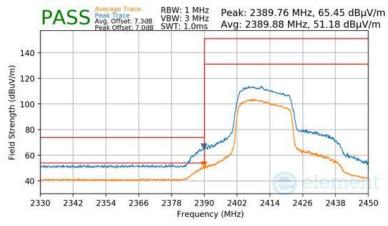


Plot 7-459. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 200 of 200
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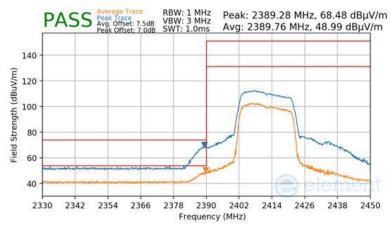


Mode:802.11ax - SUData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-460. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1

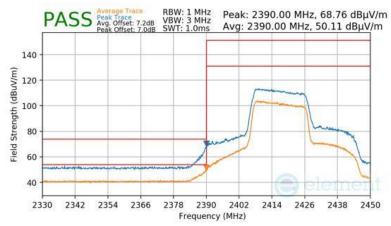


Plot 7-461. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 200 of 200
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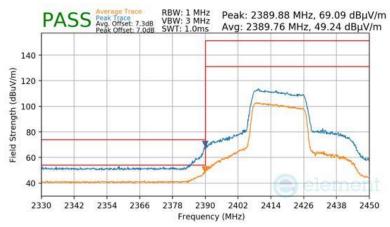


802.11ax - SU
MCS2
3 Meters
2417MHz
2



Plot 7-462. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2

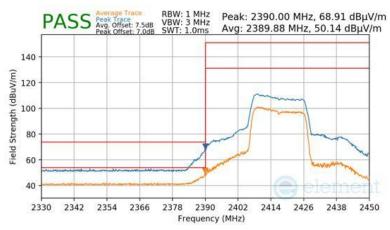


Plot 7-463. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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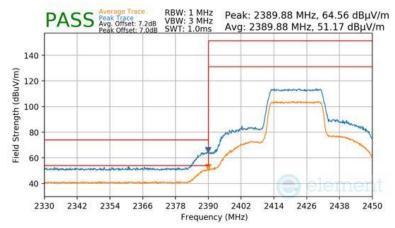


Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2



Plot 7-464. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3

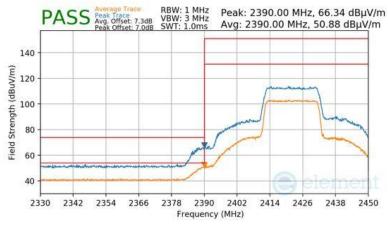


Plot 7-465. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 204 of 200
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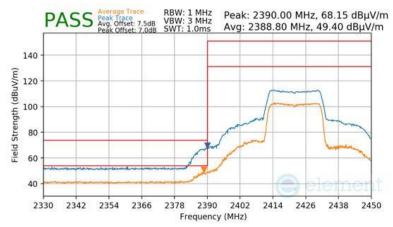


Mode:802.11ax - SUData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3



Plot 7-466. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3

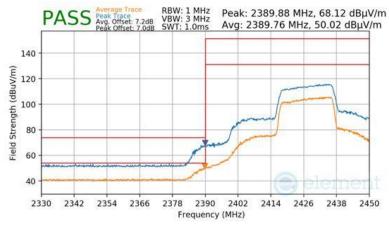


Plot 7-467. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 202 of 200
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Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4



Plot 7-468. Radiated Restricted Lower Band Edge Measurement Antenna 3a

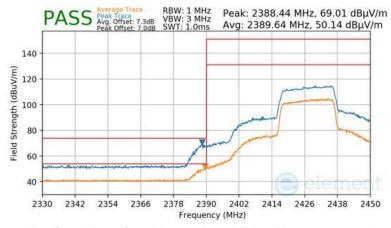
Mode: 802.11ax - SU

Data Rate: MCS4

Distance of Measurements: 3 Meters

Operating Frequency: 2427MHz

Channel: 4

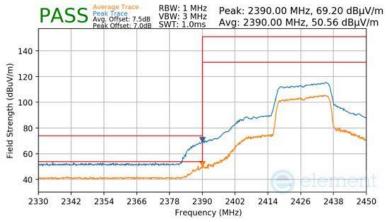


Plot 7-469. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 202 of 200
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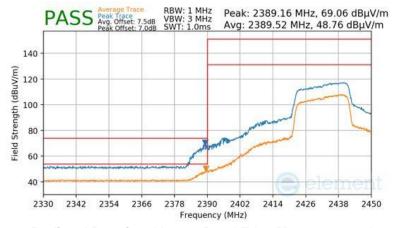


Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4



Plot 7-470. Radiated Restricted Lower Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2432MHzChannel:5

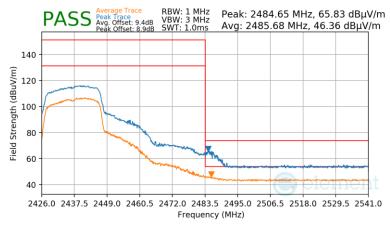


Plot 7-471. Radiated Restricted Lower Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 204 of 200
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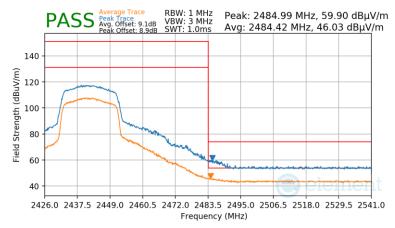


Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2437MHzChannel:6



Plot 7-472. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7

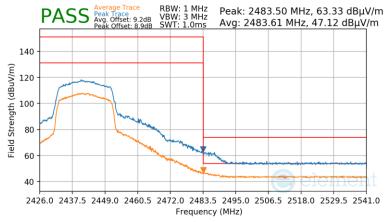


Plot 7-473. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 205 of 200
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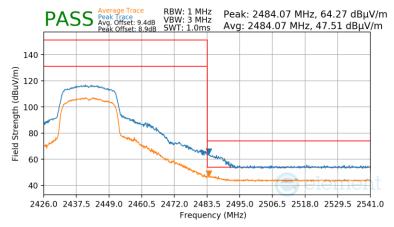


Mode:802.11ax - SUData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7



Plot 7-474. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7

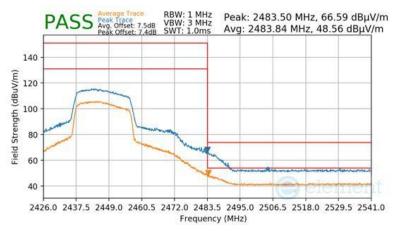


Plot 7-475. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 200
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Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2447MHzChannel:8



Plot 7-476. Radiated Restricted Upper Band Edge Measurement Antenna 3a

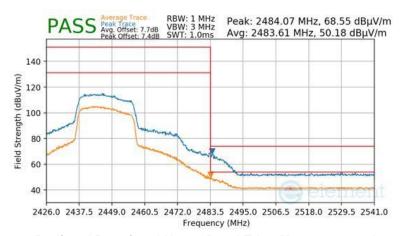
Mode: 802.11ax - SU

Data Rate: MCS4

Distance of Measurements: 3 Meters

Operating Frequency: 2447MHz

Channel: 8

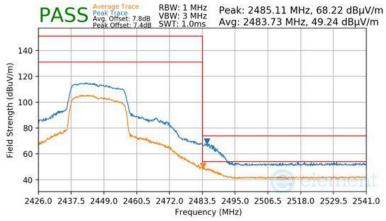


Plot 7-477. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 207 of 200
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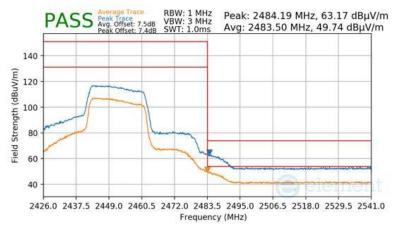


Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2447MHzChannel:8



Plot 7-478. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2452MHzChannel:9

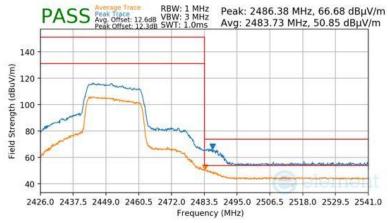


Plot 7-479. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 200 of 200
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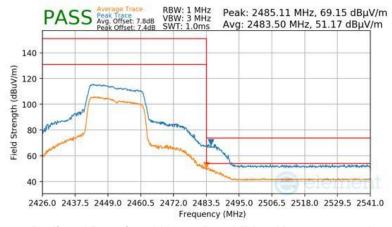


Mode:802.11ax - SUData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2452MHzChannel:9



Plot 7-480. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2452MHzChannel:9

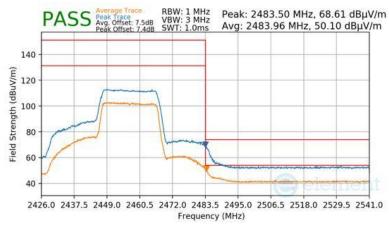


Plot 7-481. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 200
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Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2457MHzChannel:10



Plot 7-482. Radiated Restricted Upper Band Edge Measurement Antenna 3a

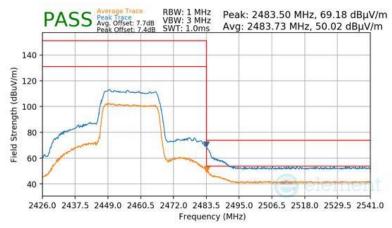
 Mode:
 802.11ax - SU

 Data Rate:
 MCS4

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2457MHz

 Channel:
 10

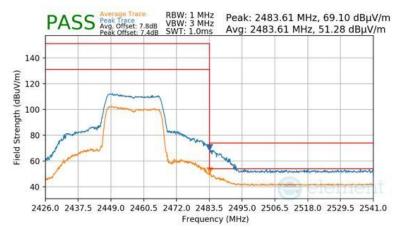


Plot 7-483. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 200 of 200
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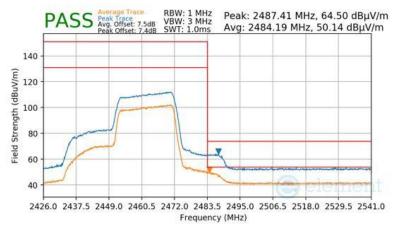


Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2457MHzChannel:10



Plot 7-484. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2462MHzChannel:11

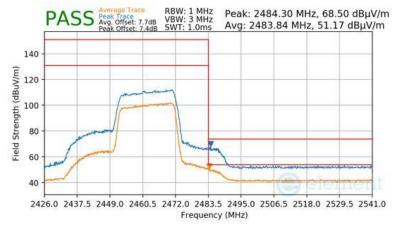


Plot 7-485. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 204 of 200
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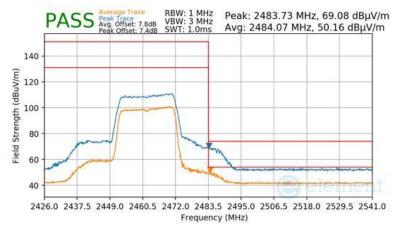


Mode:802.11ax - SUData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2462MHzChannel:11



Plot 7-486. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS9Distance of Measurements:3 MetersOperating Frequency:2462MHzChannel:11

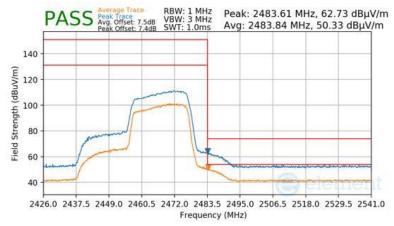


Plot 7-487. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 202 of 200
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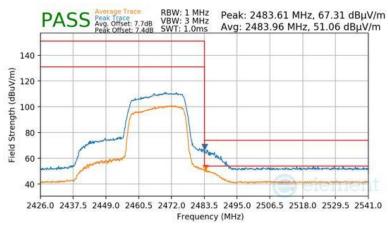


Mode:802.11ax - SUData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2467MHzChannel:12



Plot 7-488. Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode:802.11ax - SUData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2467MHzChannel:12



Plot 7-489. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 202 of 200
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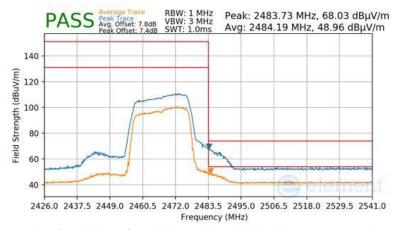
 Mode:
 802.11ax - SU

 Data Rate:
 MCS9

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2467MHz

 Channel:
 12



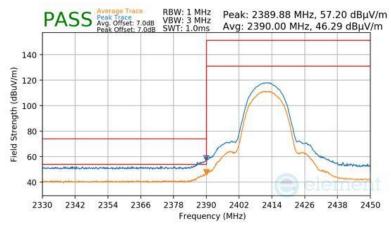
Plot 7-490. Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 204 of 200
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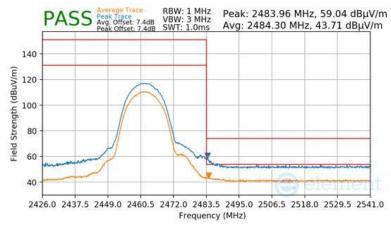
7.7.5 Antenna 1a Radiated Restricted Band Edge Measurements §15.205 §15.209; RSS-Gen [8.9]

Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-491. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2462MHzChannel:11

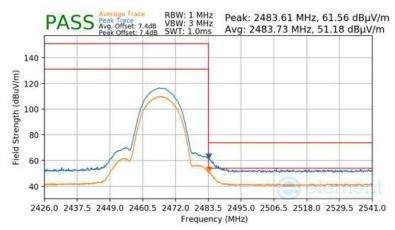


Plot 7-492. Radiated Restricted Upper Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 205 of 200
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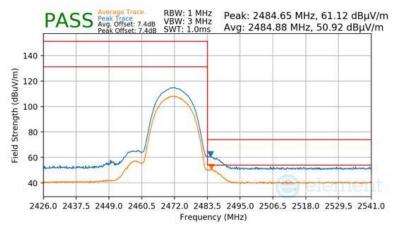


Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2467MHzChannel:12



Plot 7-493. Radiated Restricted Upper Band Edge Measurement Antenna 1a

Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2472MHzChannel:13

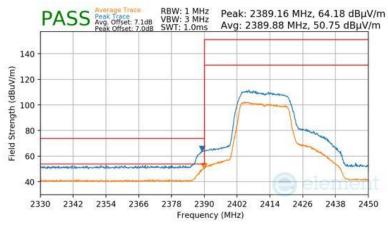


Plot 7-494. Radiated Restricted Upper Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 200 of 200
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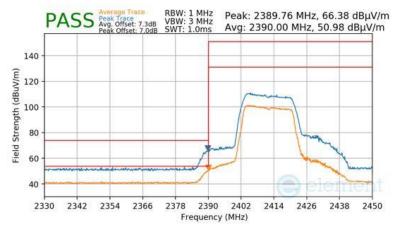


Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-495. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1

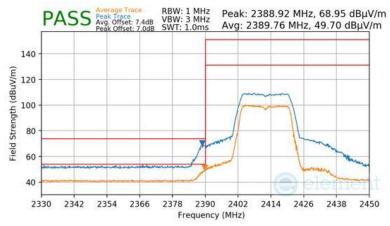


Plot 7-496. Radiated Restricted Lower Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 207 of 200
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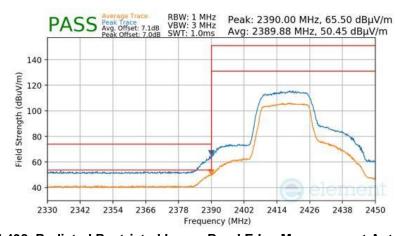


Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-497. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2

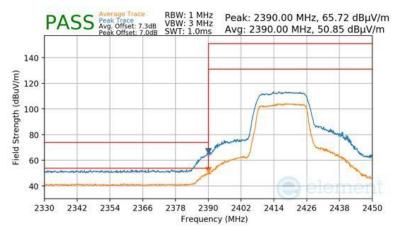


Plot 7-498. Radiated Restricted Lower Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 200 of 200
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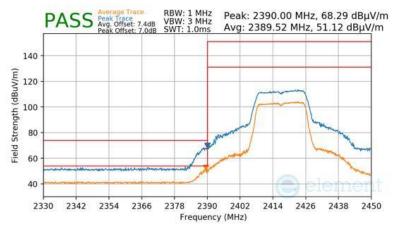


Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2



Plot 7-499. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2

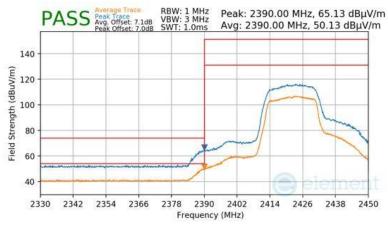


Plot 7-500. Radiated Restricted Lower Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 200
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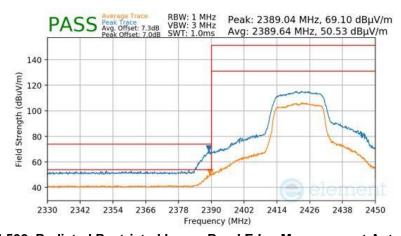


Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3



Plot 7-501. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3

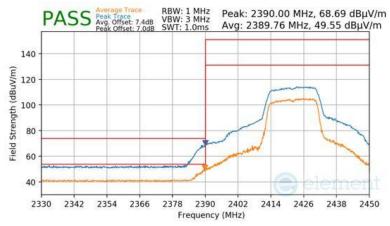


Plot 7-502. Radiated Restricted Lower Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 240 of 200
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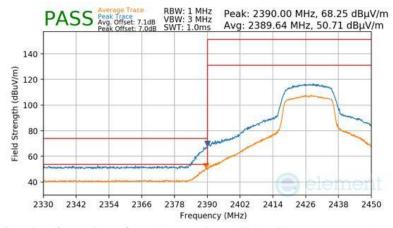


Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2422MHzChannel:3



Plot 7-503. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4

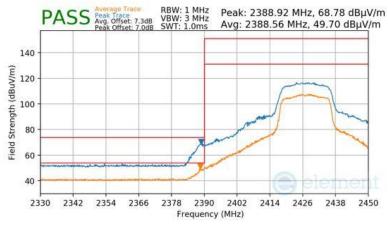


Plot 7-504. Radiated Restricted Lower Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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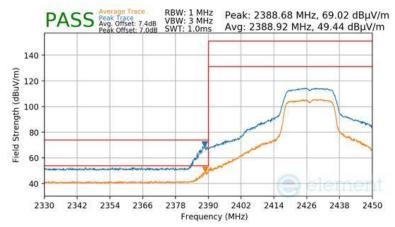


Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4



Plot 7-505. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2427MHzChannel:4

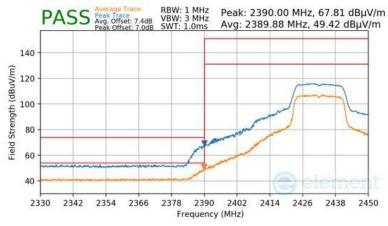


Plot 7-506. Radiated Restricted Lower Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 242 of 200
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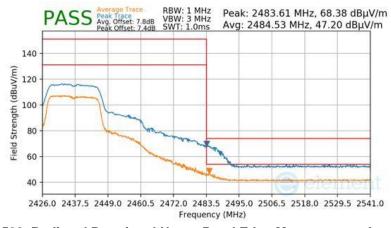


Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2432MHzChannel:5



Plot 7-507. Radiated Restricted Lower Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS7Distance of Measurements:3 MetersOperating Frequency:2437MHzChannel:6

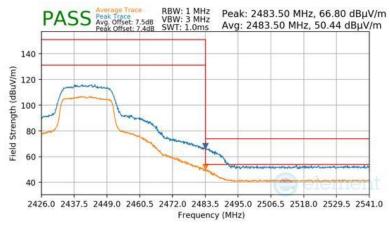


Plot 7-508. Radiated Restricted Upper Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 242 of 200
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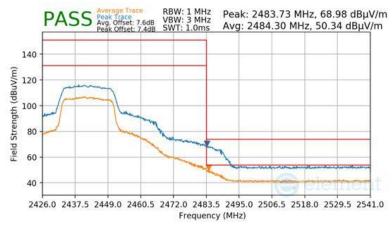


Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7



Plot 7-509. Radiated Restricted Upper Band Edge Measurement Antenna 1a

Mode:802.11nData Rate:MCS4Distance of Measurements:3 MetersOperating Frequency:2442MHzChannel:7



Plot 7-510. Radiated Restricted Upper Band Edge Measurement Antenna 1a

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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