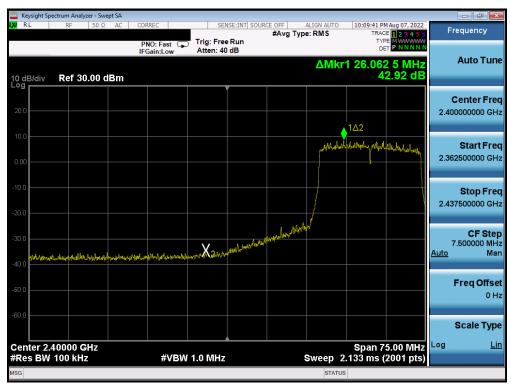


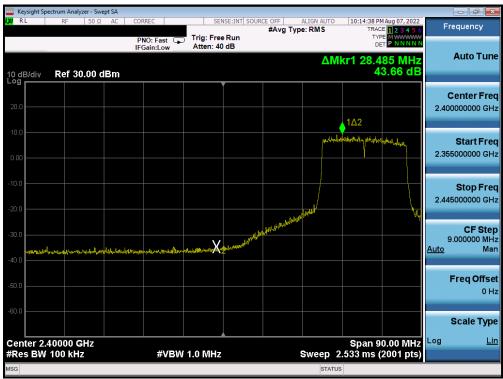
Plot 7-416. Band Edge Plot Antenna 2a (802.11ax (SU - 2.4GHz) - Ch. 3) - MCS5



Plot 7-417. Band Edge Plot Antenna 2a (802.11ax (2.4GHz) - Ch. 4) - MCS5

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 250 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 259 of 434





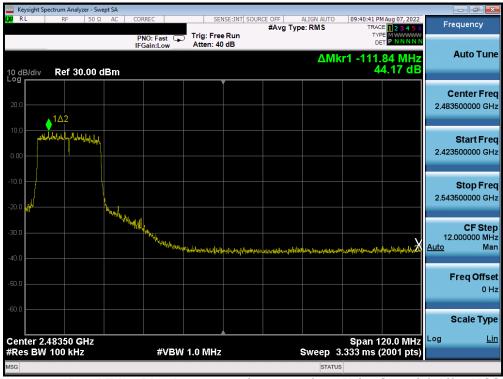
Plot 7-418. Band Edge Plot Antenna 2a (802.11ax (2.4GHz) - Ch. 5) - MCS5



Plot 7-419. Band Edge Plot Antenna 2a (802.11ax (2.4GHz) - Ch. 6 (low)) - MCS5

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 260 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 260 01 434





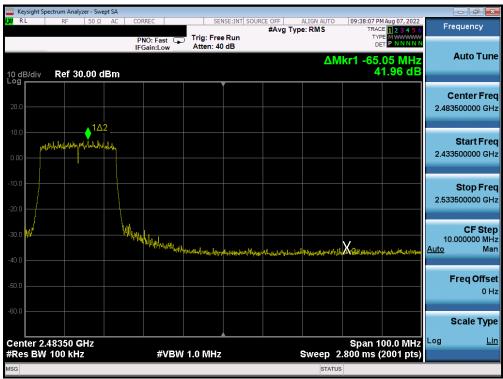
Plot 7-420. Band Edge Plot Antenna 2a (802.11ax (2.4GHz) - Ch. 6 (high)) - MCS5



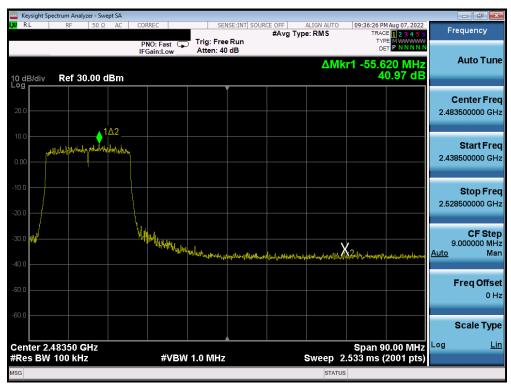
Plot 7-421. Band Edge Plot Antenna 2a (802.11ax (2.4GHz) - Ch. 7) - MCS5

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 261 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 261 of 434





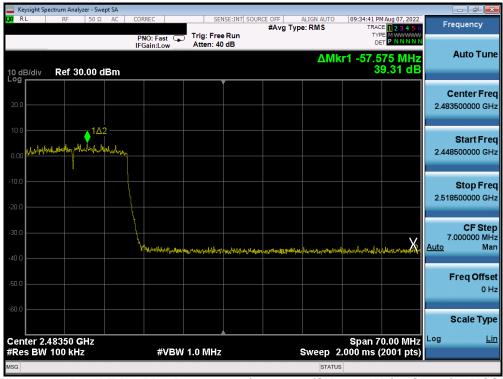
Plot 7-422. Band Edge Plot Antenna 2a (802.11ax (2.4GHz) - Ch. 8) - MCS5



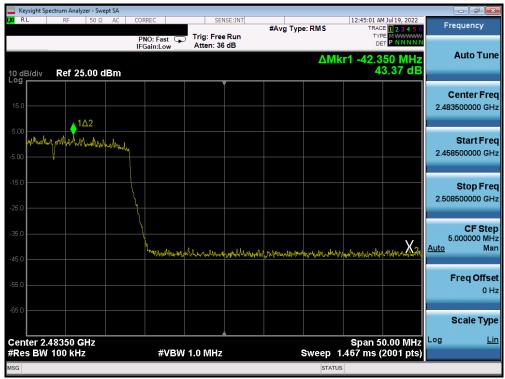
Plot 7-423. Band Edge Plot Antenna 2a (802.11ax (SU - 2.4GHz) - Ch. 9) - MCS5

FCC ID: BCGA2435 IC: 579C-A2435	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 262 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 262 of 434





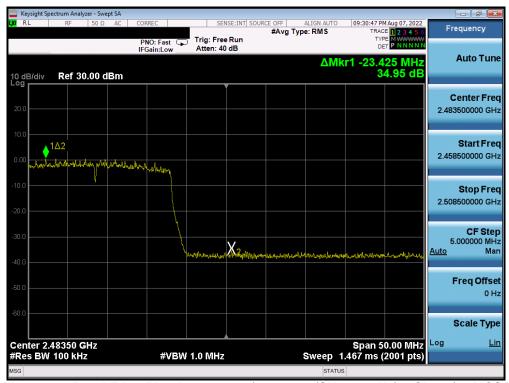
Plot 7-424. Band Edge Plot Antenna 2a (802.11ax (SU - 2.4GHz) - Ch. 10) - MCS5



Plot 7-425. Band Edge Plot Antenna 2a (802.11ax (SU - 2.4GHz) - Ch. 11) - MCS5

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 263 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 263 01 434





Plot 7-426. Band Edge Plot Antenna 2a (802.11ax (SU - 2.4GHz) - Ch. 12) - MCS5

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 264 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 204 01 434



7.6 Conducted Spurious Emissions §15.247(d); RSS-247 [5.5]

Test Overview and Limit

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. For the following out of band conducted spurious emissions plots, the EUT was investigated in all available data rates for "b", "g", "n", "ax-SU" modes. The worst case spurious emissions for the 2.4GHz band were found while transmitting in "b" mode at 11 Mbps and are shown in the plots below.

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth per the procedure in Section 11.11 of ANSI C63.10-2013 and KDB 558074 D01 v05r02.

Test Procedure Used

ANSI C63.10-2013 – Subclause 11.11.3 KDB 558074 D01 v05r02 – Section 8.5 ANSI C63.10-2013 – Subclause 14.3.3 KDB 662911 D01 v02r01 – Section E)3)b)

Test Settings

- 1. Start frequency was set to 30MHz and stop frequency was set to 25GHz (separated into two plots per channel)
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = Peak
- 5. Trace mode = max hold
- 6. Sweep time = auto couple
- 7. The 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	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 205 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 265 of 434



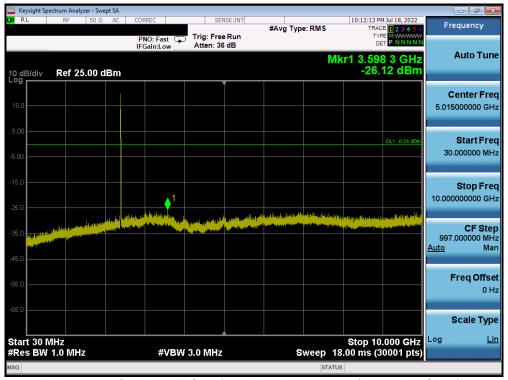
Test Notes

- 1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.
- 2. The display line shown in the following plots denotes the limit at 20dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz RBW, the display line may not necessarily appear to be 20dB below the level of the fundamental in a 1MHz bandwidth.
- 3. For plots showing conducted spurious emissions near the limit, the frequencies were investigated with a reduced RBW to ensure that no emissions were present.
- 4. The conducted spurious emissions were measured to relative limits. Therefore, in accordance with ANSI C63.10-2013 and KDB 662911 D01 v02r01 Section E)3)b), it was unnecessary to show compliance through the summation of test results of the individual outputs.
- 5. All antenna configurations were investigated and only the worst case is reported.

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 266 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 266 of 434



Antenna 4a Conducted Spurious Emission



Plot 7-427. Conducted Spurious Plot Antenna 4a (802.11b - Ch. 1)



Plot 7-428. Conducted Spurious Plot Antenna 4a (802.11b - Ch. 1)

FCC ID: BCGA2435 IC: 579C-A2435	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 267 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 207 01 434





Plot 7-429. Conducted Spurious Plot Antenna 4a (802.11b - Ch. 6)



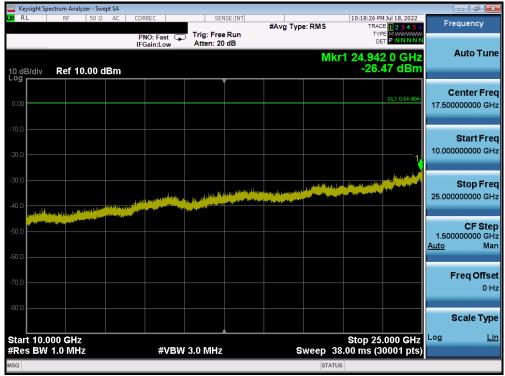
Plot 7-430. Conducted Spurious Plot Antenna 4a (802.11b - Ch. 6)

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 269 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 268 of 434





Plot 7-431. Conducted Spurious Plot Antenna 4a (802.11b - Ch. 11)



Plot 7-432. Conducted Spurious Plot Antenna 4a (802.11b - Ch. 11)

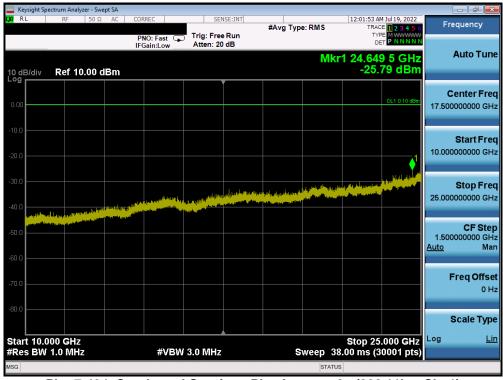
FCC ID: BCGA2435 IC: 579C-A2435	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 260 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 269 of 434



Antenna 2a Conducted Spurious Emissions



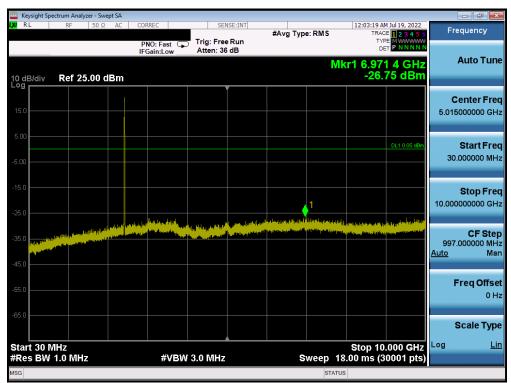
Plot 7-433. Conducted Spurious Plot Antenna 2a (802.11b - Ch. 1)



Plot 7-434. Conducted Spurious Plot Antenna 2a (802.11b - Ch. 1)

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Page 270 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 270 01 434





Plot 7-435. Conducted Spurious Plot Antenna 2a (802.11b - Ch. 6)



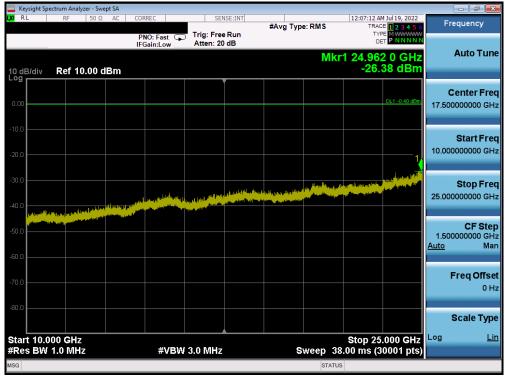
Plot 7-436. Conducted Spurious Plot Antenna 2a (802.11b - Ch. 6)

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 271 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 271 of 434





Plot 7-437. Conducted Spurious Plot Antenna 2a (802.11b - Ch. 11)



Plot 7-438. Conducted Spurious Plot Antenna 2a (802.11b - Ch. 11)

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 272 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 272 01 434



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
- Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 272 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 273 of 434



Test Setup

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

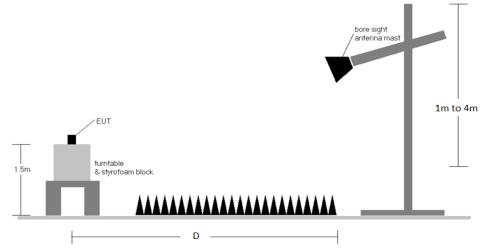


Figure 7-6. Radiated Measurement Setup

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.
- 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.
- 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. 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 data rates and only the highest emission is reported.

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 274 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 274 of 434



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]
- $\bigcirc \quad \text{Margin } _{[dB]} = \text{Field Strength Level } _{[dB\mu\text{V/m}]} \text{Limit } _{[dB\mu\text{V/m}]}$

Radiated Band Edge Measurement Offset

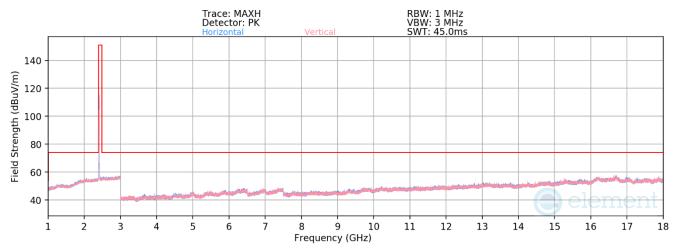
 The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.4, 7.7.5, 7.7.6 was calculated using the formula:

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

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 275 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 275 01 434



7.7.1 Antenna 4a Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-439. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11b - Ch. 1)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

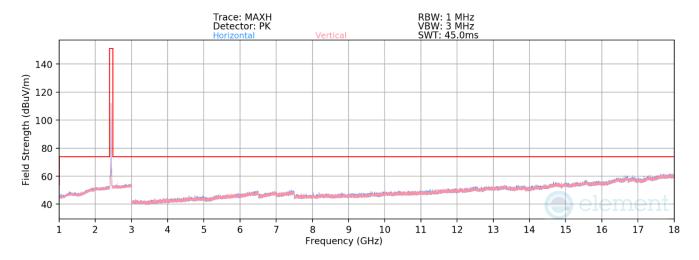
Channel: 01

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	-	-	-75.30	5.97	37.67	53.98	-16.31
4824.00	Peak	Н	-	-	-64.29	5.97	48.68	73.98	-25.30
12060.00	Avg	Н	-	-	-76.92	14.72	44.80	53.98	-9.18
12060.00	Peak	Н	-	-	-66.54	14.72	55.18	73.98	-18.80

Table 7-48. Radiated Measurements Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 276 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 276 01 434





Plot 7-440. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11b - Ch. 6)

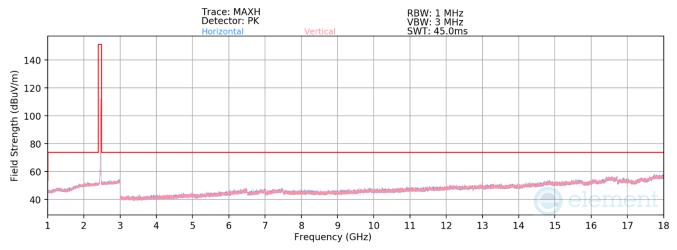
Mode:802.11bData Rate:1MbpsDistance of Measurements:3 MetersOperating Frequency:2437MHzChannel:06

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	-	-	-80.17	6.24	33.07	53.98	-20.91
4874.00	Peak	Н	-	-	-68.49	6.24	44.75	73.98	-29.23
7311.00	Avg	Н	-	-	-80.70	10.04	36.34	53.98	-17.64
7311.00	Peak	Н	-	-	-69.73	10.04	47.31	73.98	-26.67
12185.00	Avg	Н	-	-	-84.28	14.99	37.71	53.98	-16.27
12185.00	Peak	Н	-	-	-72.97	14.99	49.02	73.98	-24.96

Table 7-49. Radiated Measurements Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 277 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 277 of 434





Plot 7-441. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11b - Ch. 11)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

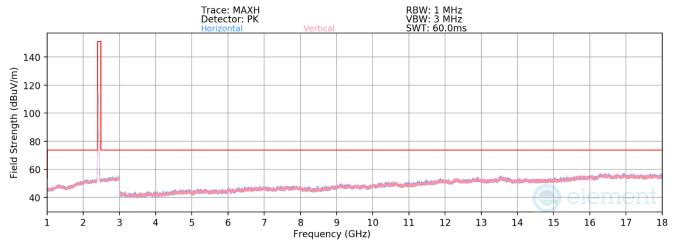
Channel: 11

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	257	248	-74.82	4.37	36.55	53.98	-17.43
4924.00	Peak	Н	257	248	-65.92	4.37	45.45	73.98	-28.53
7386.00	Avg	Н	-	-	-79.83	8.45	35.62	53.98	-18.36
7386.00	Peak	Н	1	-	-67.94	8.45	47.51	73.98	-26.47
12310.00	Avg	Н	1	-	-80.87	12.30	38.43	53.98	-15.55
12310.00	Peak	Н	-	-	-69.80	12.30	49.50	73.98	-24.48

Table 7-50. Radiated Measurements Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 278 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 27 6 01 434





Plot 7-442. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax(SU) - Ch. 1)

 Mode:
 802.11ax(SU)

 Data Rate:
 MCS0

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2412MHz

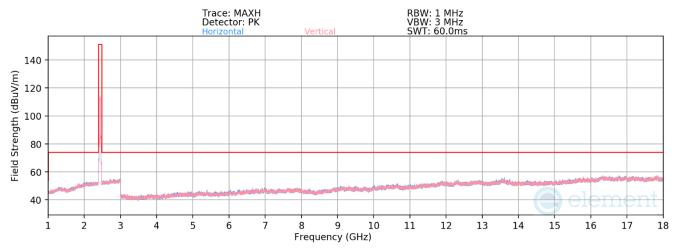
 Channel:
 01

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	-	-	-80.56	8.18	34.62	53.98	-19.36
4824.00	Peak	Н	-	-	-68.73	8.18	46.45	73.98	-27.53
12060.00	Avg	Н	-	-	-82.21	17.53	42.32	53.98	-11.66
12060.00	Peak	Н	-	-	-71.72	17.53	52.81	73.98	-21.17

Table 7-51. Radiated Measurements Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 270 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 279 of 434





Plot 7-443. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax(SU) - Ch. 6)

 Mode:
 802.11ax(SU)

 Data Rate:
 MCS0

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2437MHz

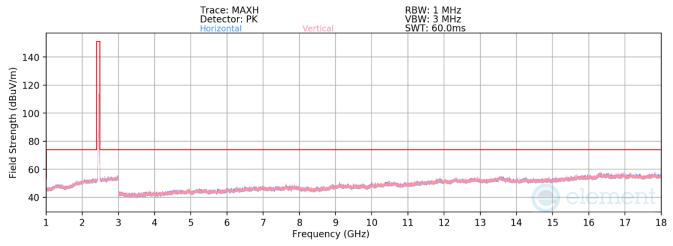
 Channel:
 06

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	-	-	-81.02	8.63	34.61	53.98	-19.36
4874.00	Peak	Н	-	-	-69.33	8.63	46.30	73.98	-27.67
7311.00	Avg	Н	-	-	-83.27	11.22	34.95	53.98	-19.03
7311.00	Peak	Н	-	-	-69.95	11.22	48.27	73.98	-25.71
12185.00	Avg	Н	-	-	-82.82	17.25	41.43	53.98	-12.55
12185.00	Peak	Н	-	-	-71.60	17.25	52.65	73.98	-21.33

Table 7-52. Radiated Measurements Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 280 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 200 01 434





Plot 7-444. Radiated Spurious Emissions above 1GHz Antenna 4a (802.11ax(SU) - Ch. 11)

 Mode:
 802.11ax(SU)

 Data Rate:
 MCS0

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2462MHz

 Channel:
 11

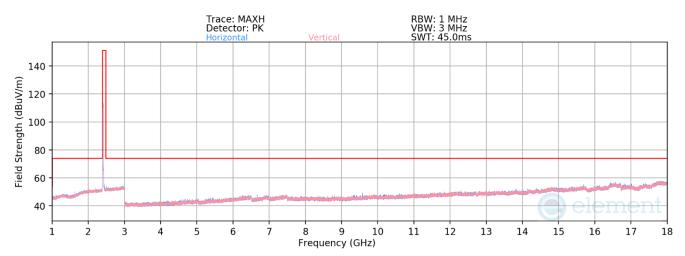
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-80.12	9.23	36.11	53.98	-17.87
4924.00	Peak	Н	-	-	-69.68	9.23	46.55	73.98	-27.43
7386.00	Avg	Н	-	-	-82.56	12.66	37.10	53.98	-16.88
7386.00	Peak	Н	-	-	-72.26	12.66	47.40	73.98	-26.58
12310.00	Avg	Н	-	-	-84.22	18.60	41.38	53.98	-12.60
12310.00	Peak	Н	-	-	-71.63	18.60	53.97	73.98	-20.01

Table 7-53. Radiated Measurements Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 201 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 281 of 434



7.7.2 Antenna 2a Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-445. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11b - Ch. 1)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

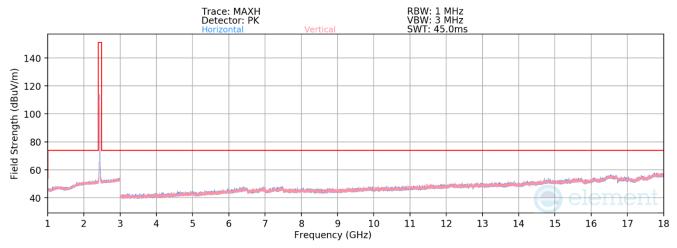
Channel: 01

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	-	-	-78.60	13.38	41.78	53.98	-12.20
4824.00	Peak	Н	-	-	-67.01	13.38	53.37	73.98	-20.61
12060.00	Avg	Н	-	-	-81.57	21.45	46.88	53.98	-7.10
12060.00	Peak	Н	-	-	-69.84	21.45	58.61	73.98	-15.37

Table 7-54. Radiated Measurements Antenna 2a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 282 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Faye 202 01 434





Plot 7-446. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11b - Ch. 6)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

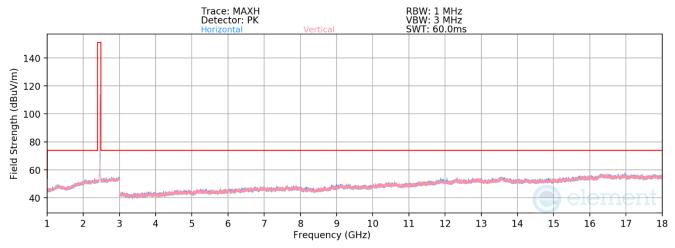
Channel: 06

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	-	-	-75.54	13.36	44.82	53.98	-9.16
4874.00	Peak	Н	-	-	-64.01	13.36	56.35	73.98	-17.63
7311.00	Avg	Н	-	-	-74.23	17.86	50.63	53.98	-3.35
7311.00	Peak	Н	-	-	-62.53	17.86	62.33	73.98	-11.65
12185.00	Avg	Н	-	-	-81.68	21.93	47.25	53.98	-6.73
12185.00	Peak	Н	-	-	-70.88	21.93	58.05	73.98	-15.93

Table 7-55. Radiated Measurements Antenna 2a

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 283 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Faye 203 01 434





Plot 7-447. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11b - Ch. 11)

Mode: 802.11b

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

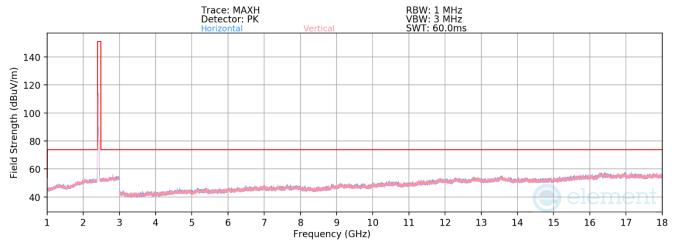
Channel: 11

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	-	-	-81.06	13.49	39.43	53.98	-14.55
4924.00	Peak	Н	-	-	-69.42	13.49	51.07	73.98	-22.91
7386.00	Avg	Н	-	-	-82.44	17.77	42.33	53.98	-11.65
7386.00	Peak	Н	-	-	-70.53	17.77	54.24	73.98	-19.74
12310.00	Avg	Н	-	-	-83.05	21.83	45.78	53.98	-8.20
12310.00	Peak	Н	-	-	-72.18	21.83	56.65	73.98	-17.33

Table 7-56. Radiated Measurements Antenna 2a

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 294 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 284 of 434





Plot 7-448. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11ax(SU) - Ch. 1)

 Mode:
 802.11ax(SU)

 Data Rate:
 MCS0

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2412MHz

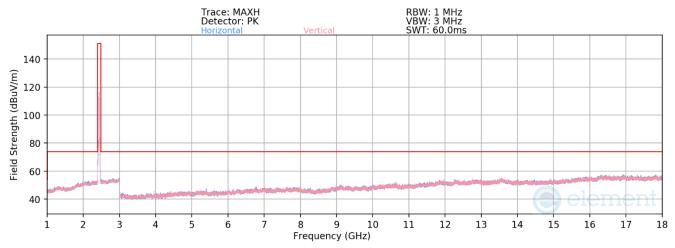
 Channel:
 01

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	-	-	-81.34	8.18	33.84	53.98	-20.14
4824.00	Peak	Н	-	-	-69.54	8.18	45.64	73.98	-28.34
12060.00	Avg	Н	-	-	-83.53	17.53	41.00	53.98	-12.98
12060.00	Peak	Н	-	-	-71.91	17.53	52.62	73.98	-21.36

Table 7-57. Radiated Measurements Antenna 2a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 285 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 200 01 434





Plot 7-449. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11ax(SU) - Ch. 6)

Mode: 802.11ax(SU)

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

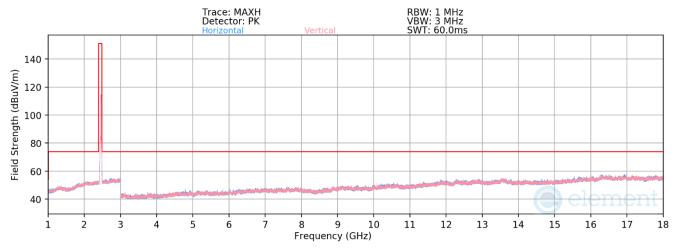
Channel: 06

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	-	-	-81.34	8.63	34.29	53.98	-19.68
4874.00	Peak	Н	-	-	-70.06	8.63	45.57	73.98	-28.40
7311.00	Avg	Н	-	-	-82.57	11.22	35.65	53.98	-18.33
7311.00	Peak	Н	-	-	-70.79	11.22	47.43	73.98	-26.55
12185.00	Avg	Н	-	-	-83.57	17.25	40.68	53.98	-13.30
12185.00	Peak	Н	-	-	-72.04	17.25	52.21	73.98	-21.77

Table 7-58. Radiated Measurements Antenna 2a

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 286 of 434





Plot 7-450. Radiated Spurious Emissions above 1GHz Antenna 2a (802.11ax(SU) - Ch. 11)

 Mode:
 802.11ax(SU)

 Data Rate:
 MCS0

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2462MHz

 Channel:
 11

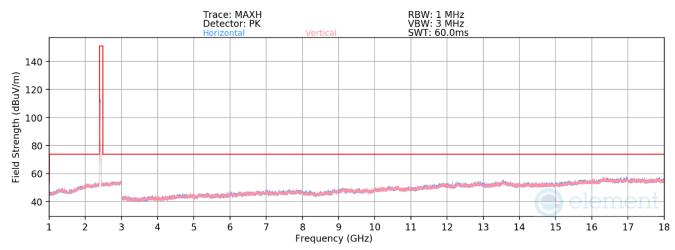
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-81.51	9.23	34.72	53.98	-19.26
4924.00	Peak	Н	-	-	-70.32	9.23	45.91	73.98	-28.07
7386.00	Avg	Н	-	-	-82.84	12.66	36.82	53.98	-17.16
7386.00	Peak	Н	-	-	-71.70	12.66	47.96	73.98	-26.02
12310.00	Avg	Н	-	-	-84.28	18.60	41.32	53.98	-12.66
12310.00	Peak	Н	-	-	-72.94	18.60	52.66	73.98	-21.32

Table 7-59. Radiated Measurements Antenna 2a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 287 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 207 01 434



7.7.3 CDD Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-451. Radiated Spurious Emissions above 1GHz CDD (802.11n - Ch. 1)

Mode: 802.11n

Data Rate: MCS8

Distance of Measurements: 3 Meters

Operating Frequency: 2412MHz

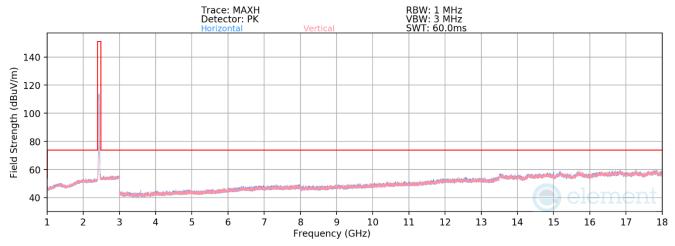
Channel: 01

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	-	-	-81.26	8.18	33.92	53.98	-20.06
4824.00	Peak	Н	-	-	-69.62	8.18	45.56	73.98	-28.42
12060.00	Avg	Н	-	-	-83.42	17.53	41.11	53.98	-12.87
12060.00	Peak	Н	-	-	-72.27	17.53	52.26	73.98	-21.72

Table 7-60. Radiated Measurements CDD

FCC ID: BCGA2435 IC: 579C-A2435	element)	ement MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 200 of 424	
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 288 of 434	





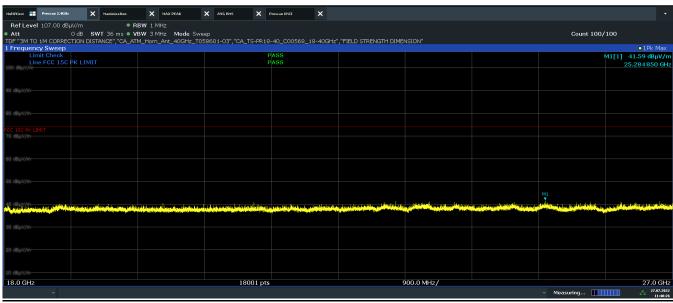
Plot 7-452. Radiated Spurious Emissions above 1GHz CDD (802.11n - Ch. 6)



Plot 7-453. Radiated Spurious Emissions above 18GHz CDD (802.11n - Ch.6, Pol H)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 289 of 434





Plot 7-454. Radiated Spurious Emissions above 18GHz CDD (802.11n - Ch.6, Pol V)

Mode: 802.11n

Data Rate: MCS8

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

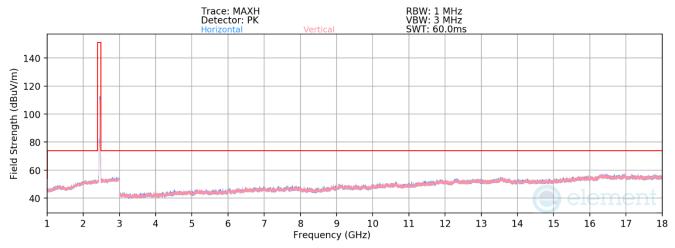
Channel: 06

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	-	-	-81.41	8.63	34.22	53.98	-19.75
4874.00	Peak	Н	-	-	-69.62	8.63	46.01	73.98	-27.96
7311.00	Avg	Н	-	-	-82.52	11.22	35.70	53.98	-18.28
7311.00	Peak	Н	-	-	-71.32	11.22	46.90	73.98	-27.08
12185.00	Avg	Н	-	-	-83.69	17.25	40.56	53.98	-13.42
12185.00	Peak	Н	-	-	-72.23	17.25	52.02	73.98	-21.96

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 290 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 290 01 434





Plot 7-455. Radiated Spurious Emissions above 1GHz CDD (802.11n - Ch. 11)

Mode: 802.11n

Data Rate: MCS8

Distance of Measurements: 3 Meters

Operating Frequency: 2462MHz

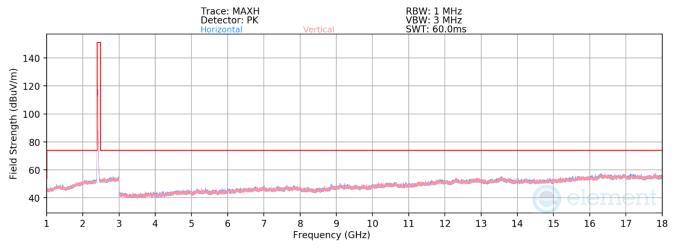
Channel: 11

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	-	-	-81.41	9.23	34.82	53.98	-19.16
4924.00	Peak	Н	-	-	-70.25	9.23	45.98	73.98	-28.00
7386.00	Avg	Н	-	-	-82.86	12.66	36.80	53.98	-17.18
7386.00	Peak	Н	-	-	-71.48	12.66	48.18	73.98	-25.80
12310.00	Avg	Н	-	-	-84.34	18.60	41.26	53.98	-12.72
12310.00	Peak	Н	-	-	-72.66	18.60	52.94	73.98	-21.04

Table 7-62. Radiated Measurements CDD

FCC ID: BCGA2435 IC: 579C-A2435	element)	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 201 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 291 of 434





Plot 7-456. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) - Ch. 1)

 Mode:
 802.11ax (SU)

 Data Rate:
 MCS0

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2412MHz

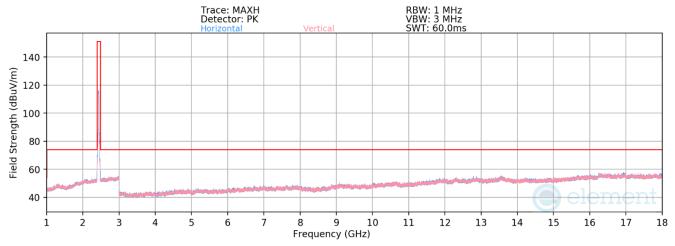
 Channel:
 01

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	-	-	-81.36	8.18	33.82	53.98	-20.16
4824.00	Peak	Н	-	-	-69.79	8.18	45.39	73.98	-28.59
12060.00	Avg	Н	ı	-	-83.55	17.53	40.98	53.98	-13.00
12060.00	Peak	Н	-	-	-71.60	17.53	52.93	73.98	-21.05

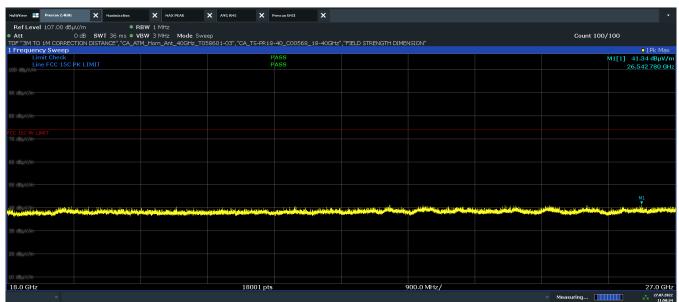
Table 7-63. Radiated Measurements CDD

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 292 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Fage 292 01 434





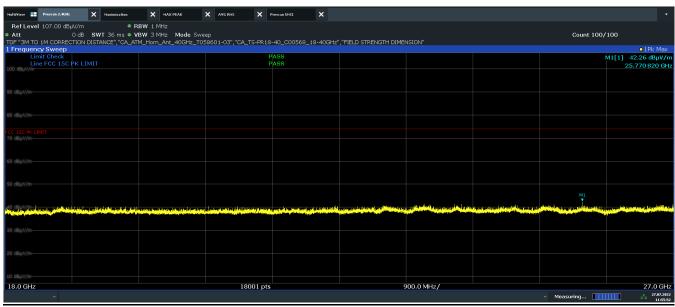
Plot 7-457. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) - Ch. 6)



Plot 7-458. Radiated Spurious Emissions above 18GHz CDD (802.11ax (SU) - Ch.6, Pol H)

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 202 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 293 of 434





Plot 7-459. Radiated Spurious Emissions above 18GHz CDD (802.11ax (SU) - Ch.6, Pol V)

Mode: 802.11ax (SU)

Data Rate: MCS0

Distance of Measurements: 3 Meters

Operating Frequency: 2437MHz

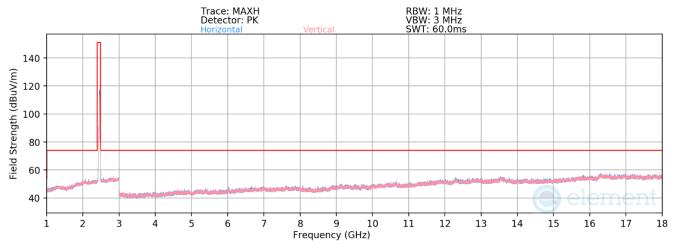
Channel: 06

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	-	-	-81.13	8.63	34.50	53.98	-19.47
4874.00	Peak	Н	-	-	-69.76	8.63	45.87	73.98	-28.10
7311.00	Avg	Н	-	-	-82.66	11.22	35.56	53.98	-18.42
7311.00	Peak	Н	ı	ı	-71.79	11.22	46.43	73.98	-27.55
12185.00	Avg	Н	1	-	-83.31	17.25	40.94	53.98	-13.04
12185.00	Peak	Н	1	-	-72.24	17.25	52.01	73.98	-21.97

Table 7-64. Radiated Measurements CDD

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogg 204 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 294 of 434





Plot 7-460. Radiated Spurious Emissions above 1GHz CDD (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	-	-	-81.61	9.23	34.62	53.98	-19.36
4924.00	Peak	Н	-	-	-69.72	9.23	46.51	73.98	-27.47
7386.00	Avg	Н	-	-	-82.90	12.66	36.76	53.98	-17.22
7386.00	Peak	Н	-	-	-71.60	12.66	48.06	73.98	-25.92
12310.00	Avg	Н	-	-	-84.47	18.60	41.13	53.98	-12.85
12310.00	Peak	Н	-	-	-72.92	18.60	52.68	73.98	-21.30

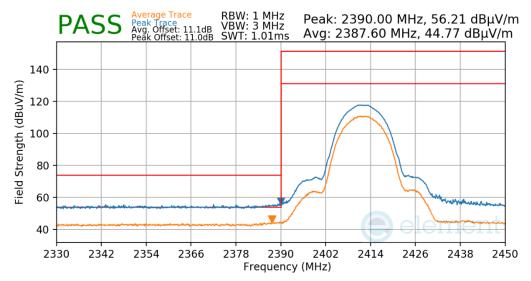
Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2435 IC: 579C-A2435	element)	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 205 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 295 of 434



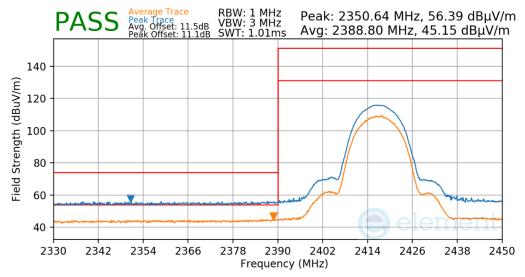
7.7.4 Antenna 4a Radiated Restricted Band Edge Measurements §15.205 §15.209; RSS-Gen [8.9]

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



Plot 7-461. Radiated Restricted Lower Band Edge Measurement Antenna 4a

Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2

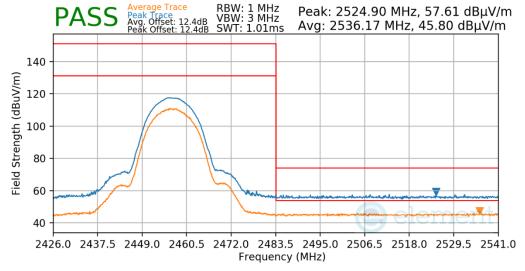


Plot 7-462. Radiated Restricted Lower Band Edge Measurement Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 206 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 296 of 434

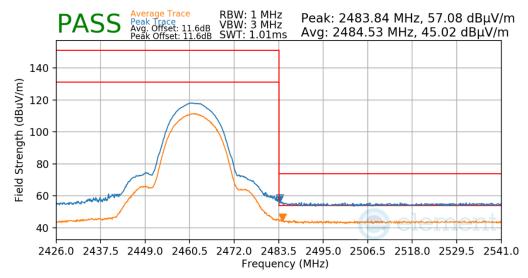


Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2457MHzChannel:10



Plot 7-463. Radiated Restricted Upper Band Edge Measurement Antenna 4a

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

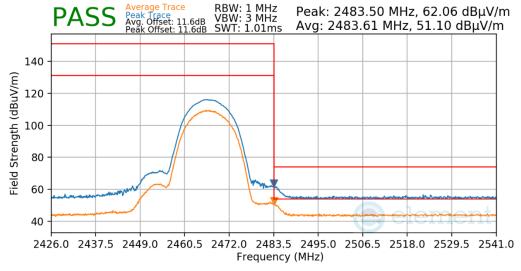


Plot 7-464. Radiated Restricted Upper Band Edge Measurement Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 207 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 297 of 434

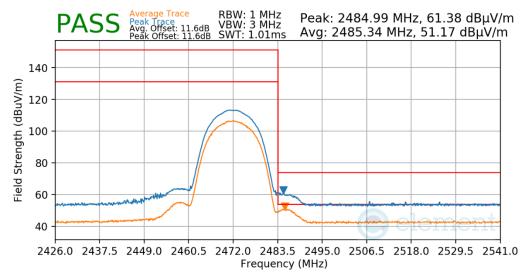


Mode:802.11bData Rate:11MbpsDistance of Measurements:3 MetersOperating Frequency:2467MHzChannel:12



Plot 7-465. Radiated Restricted Upper Band Edge Measurement Antenna 4a

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

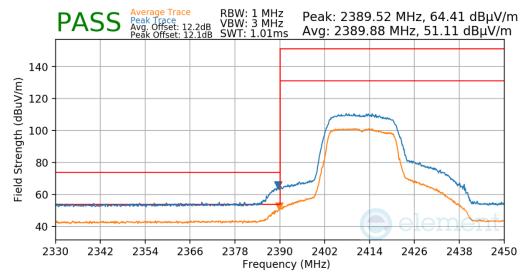


Plot 7-466. Radiated Restricted Upper Band Edge Measurement Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 200 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 298 of 434

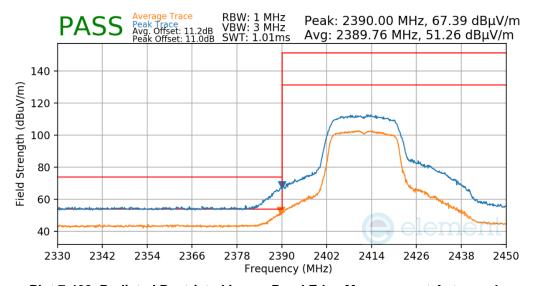


Mode:802.11nData Rate:MCS2Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-467. Radiated Restricted Lower Band Edge Measurement Antenna 4a

Mode:802.11nData Rate:MCS3Distance of Measurements:3 MetersOperating Frequency:2412MHzChannel:1



Plot 7-468. Radiated Restricted Lower Band Edge Measurement Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 200 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 299 of 434



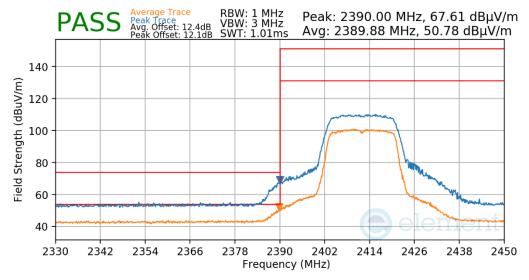
 Mode:
 802.11n

 Data Rate:
 MCS5

 Distance of Measurements:
 3 Meters

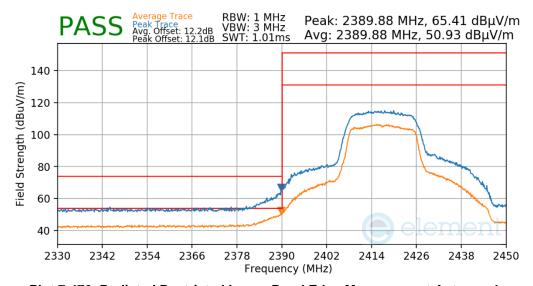
 Operating Frequency:
 2412MHz

 Channel:
 1



Plot 7-469. Radiated Restricted Lower Band Edge Measurement Antenna 4a

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

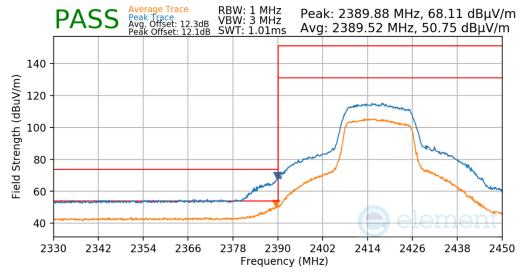


Plot 7-470. Radiated Restricted Lower Band Edge Measurement Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 200 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 300 of 434

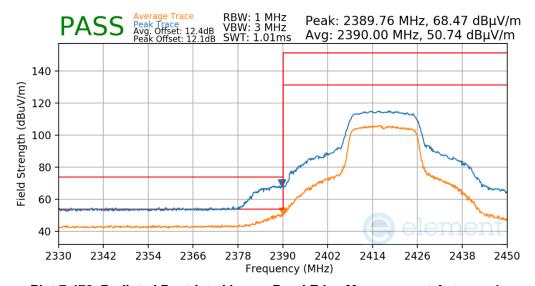


Mode:802.11nData Rate:MCS3Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2



Plot 7-471. Radiated Restricted Lower Band Edge Measurement Antenna 4a

Mode:802.11nData Rate:MCS5Distance of Measurements:3 MetersOperating Frequency:2417MHzChannel:2

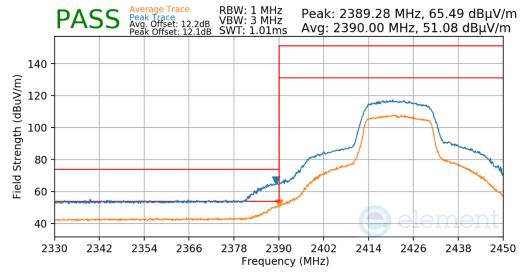


Plot 7-472. Radiated Restricted Lower Band Edge Measurement Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 201 of 424
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 301 of 434



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



Plot 7-473. Radiated Restricted Lower Band Edge Measurement Antenna 4a

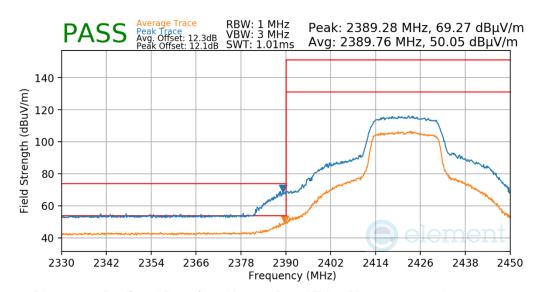
 Mode:
 802.11n

 Data Rate:
 MCS3

 Distance of Measurements:
 3 Meters

 Operating Frequency:
 2422MHz

 Channel:
 3



Plot 7-474. Radiated Restricted Lower Band Edge Measurement Antenna 4a

FCC ID: BCGA2435 IC: 579C-A2435	element)	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 302 of 434
1C2205090025-11.BCG	05/30/2022 - 09/03/2022	Tablet Device	Page 302 01 434