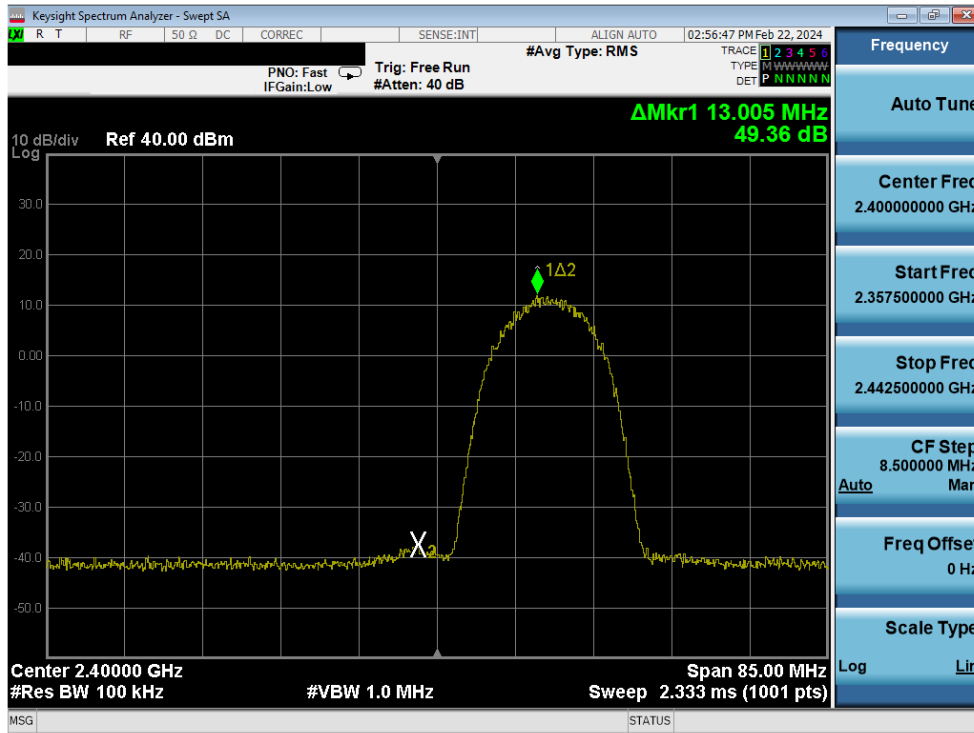


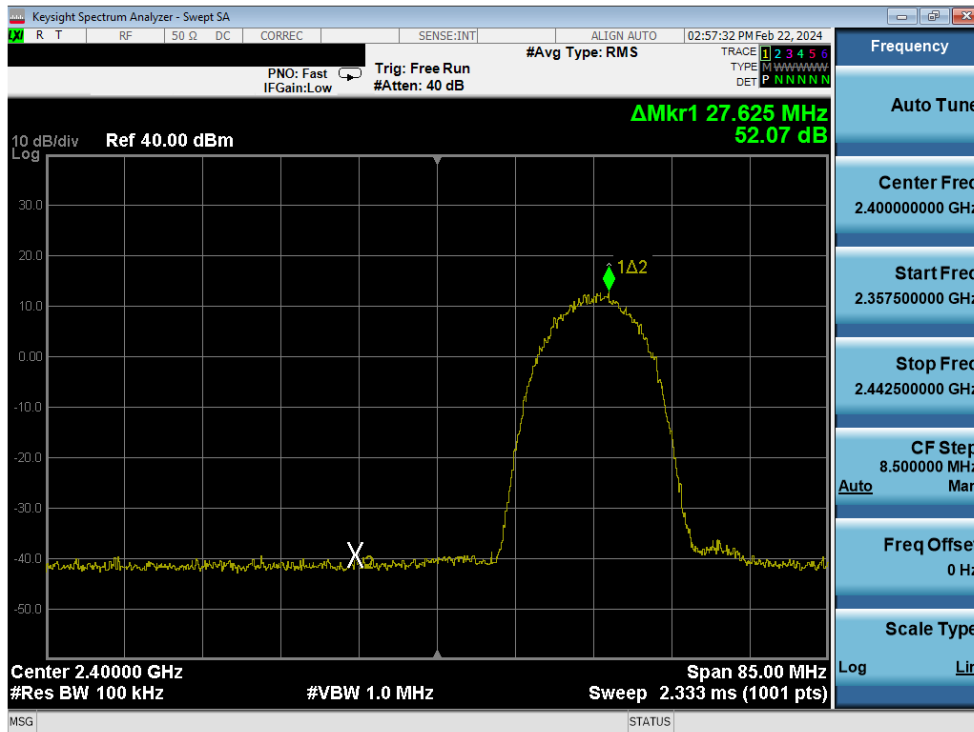
Plot 7-380. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS4

FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG		Test Dates: 11/28/2023 - 2/15/2024

High Rate

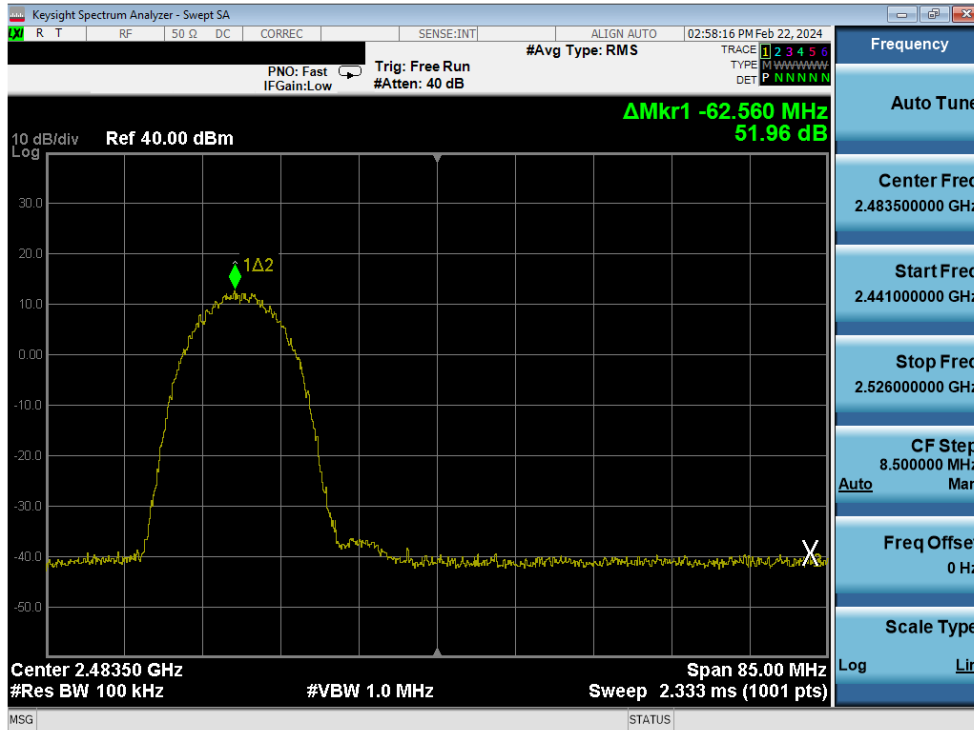


Plot 7-381. Band Edge Plot Antenna 1a (802.11b – Ch. 1) – 11Mbps

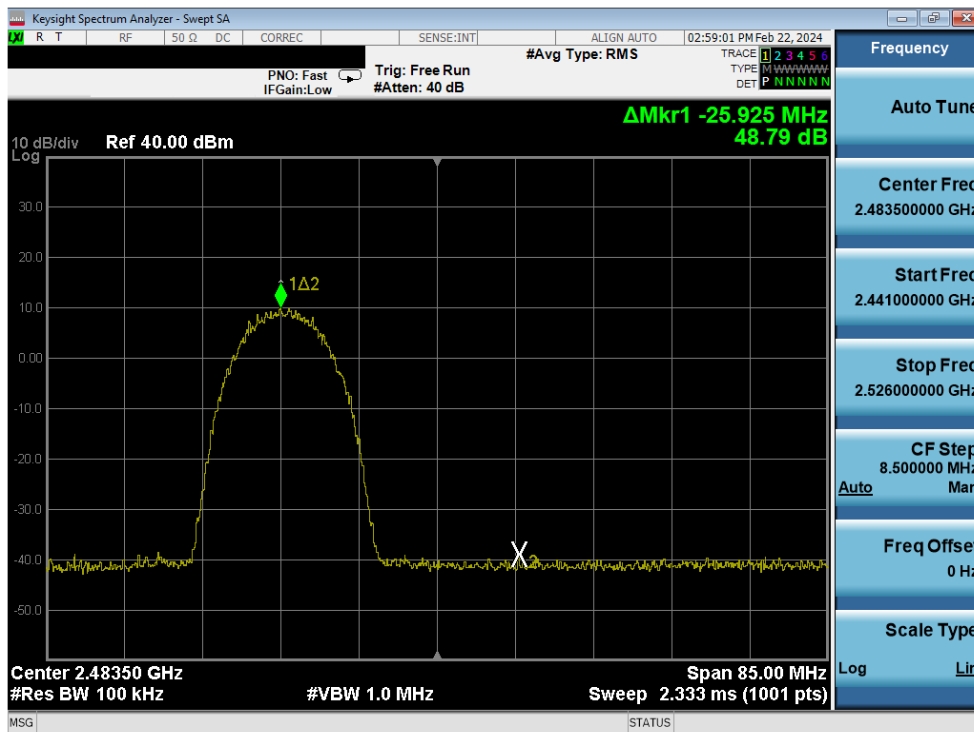


Plot 7-382. Band Edge Plot Antenna 1a (802.11b – Ch. 2) – 11Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 235 of 418

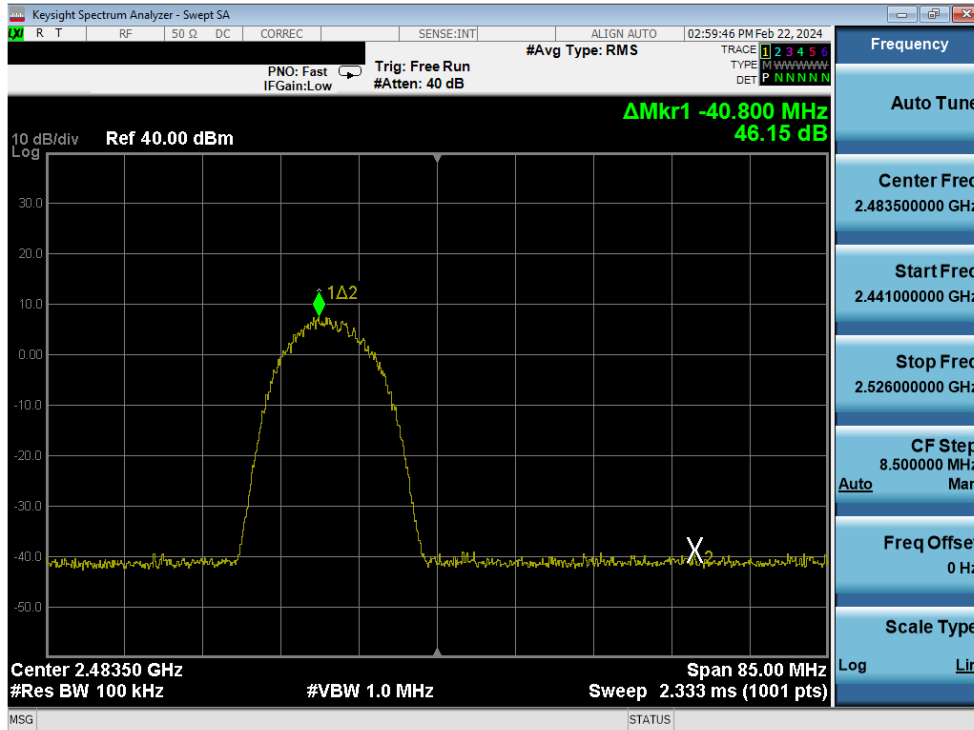


Plot 7-383. Band Edge Plot Antenna 1a (802.11b – Ch. 11) – 11Mbps

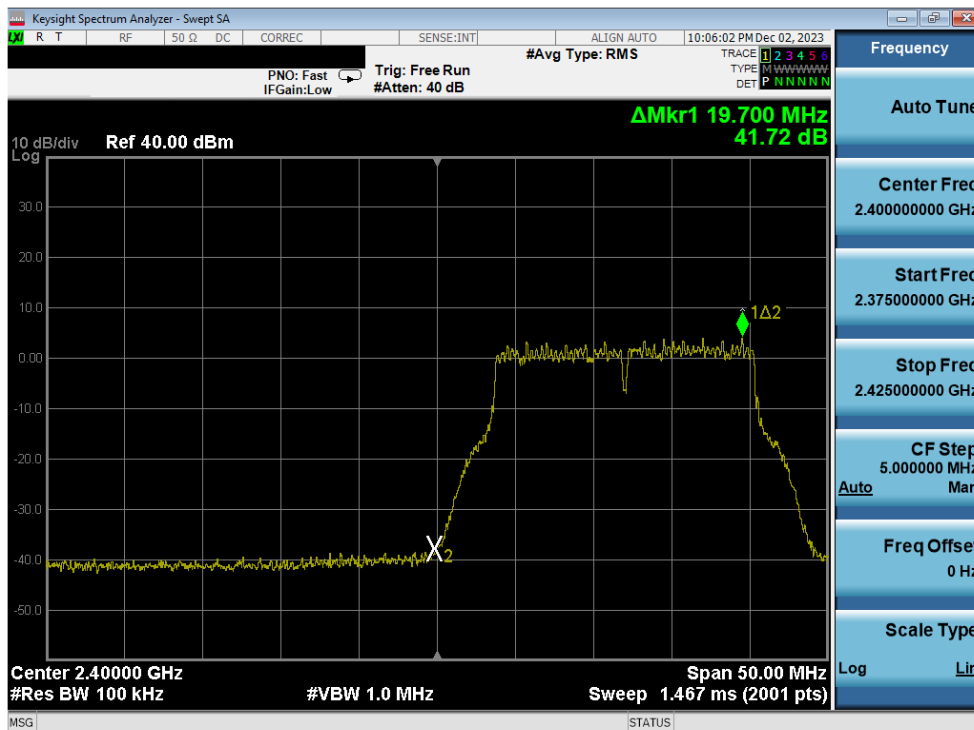


Plot 7-384. Band Edge Plot Antenna 1a (802.11b – Ch. 12) – 11Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 236 of 418

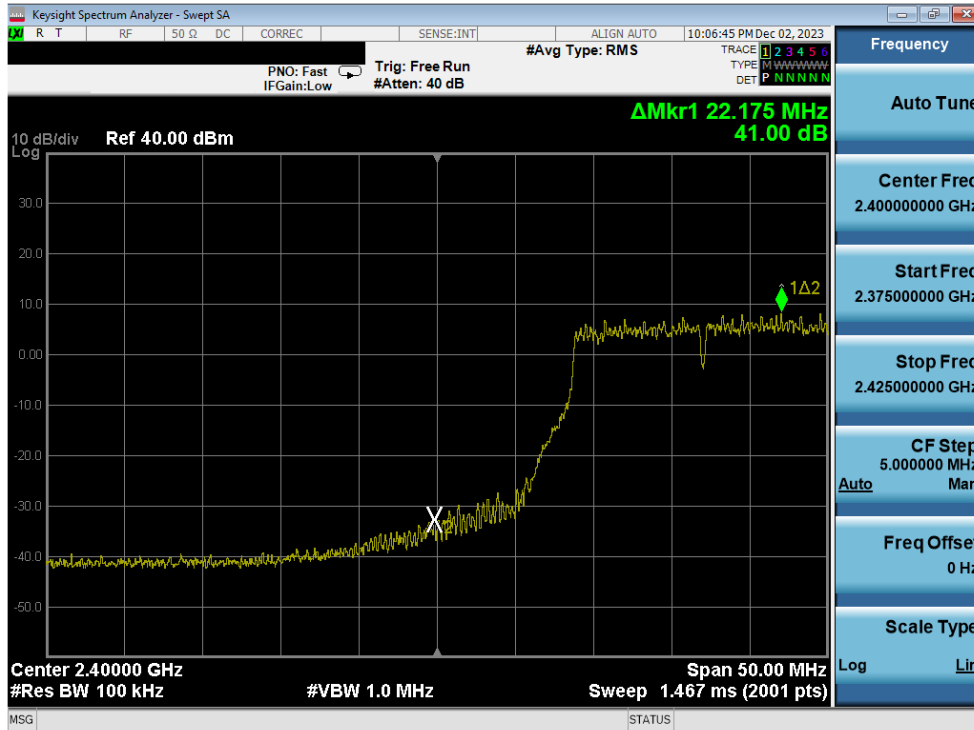


Plot 7-385. Band Edge Plot Antenna 1a (802.11b – Ch. 13) – 11Mbps

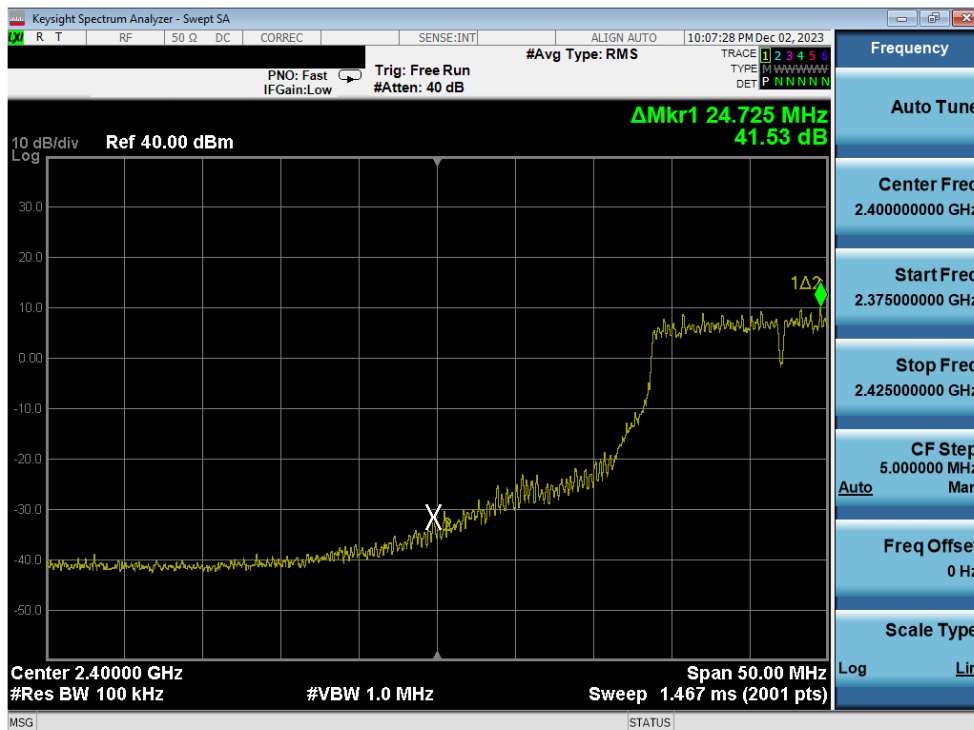


Plot 7-386. Band Edge Plot Antenna 1a (802.11g – Ch. 1) – 54Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 237 of 418

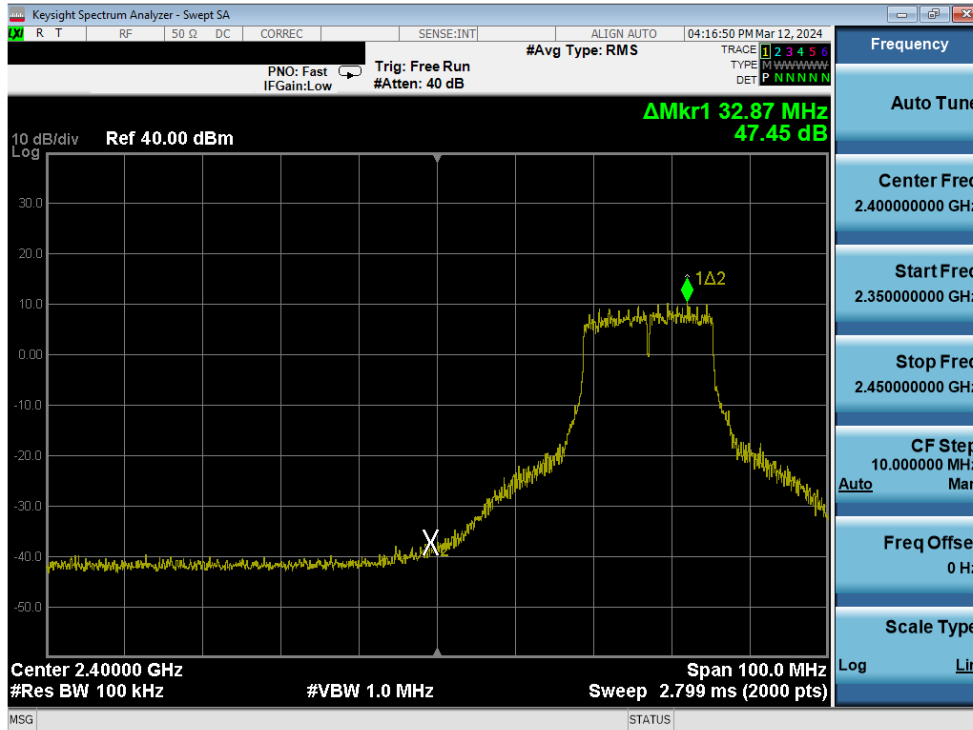


Plot 7-387. Band Edge Plot Antenna 1a (802.11g – Ch. 2) – 54Mbps

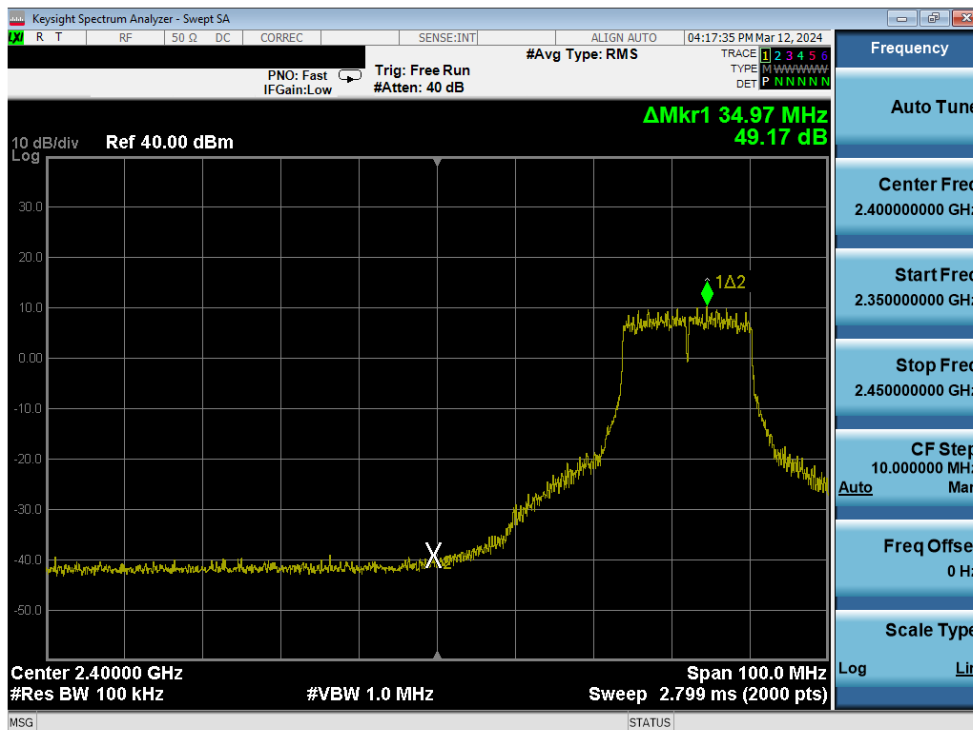


Plot 7-388. Band Edge Plot Antenna 1a (802.11g – Ch. 3) – 54Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 238 of 418

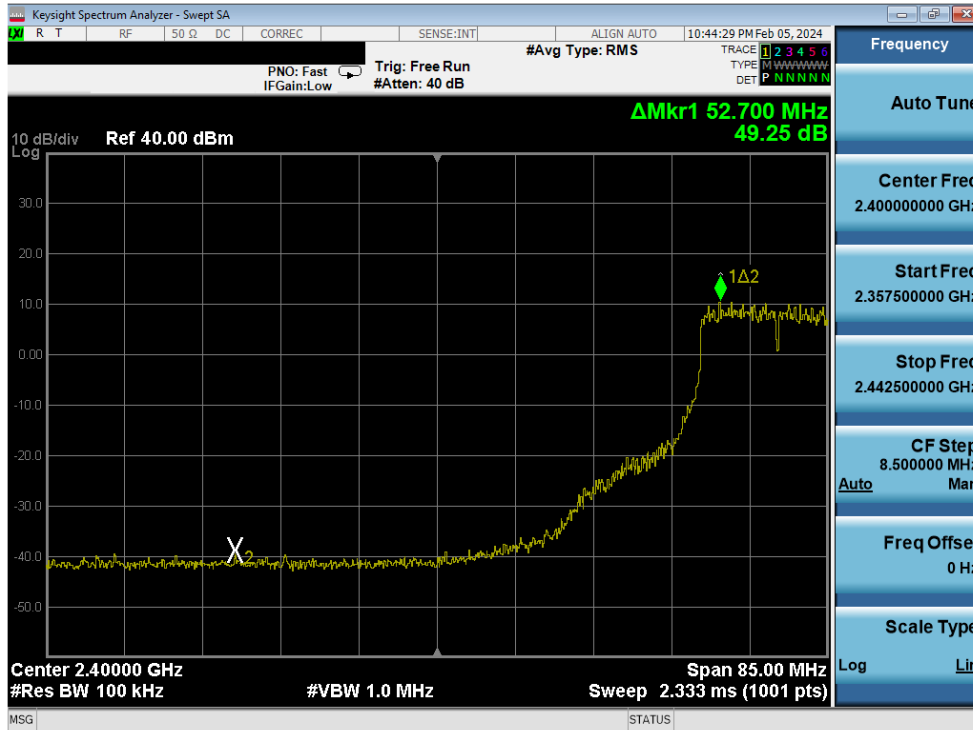


Plot 7-389. Band Edge Plot Antenna 1a (802.11g – Ch. 4) – 54Mbps

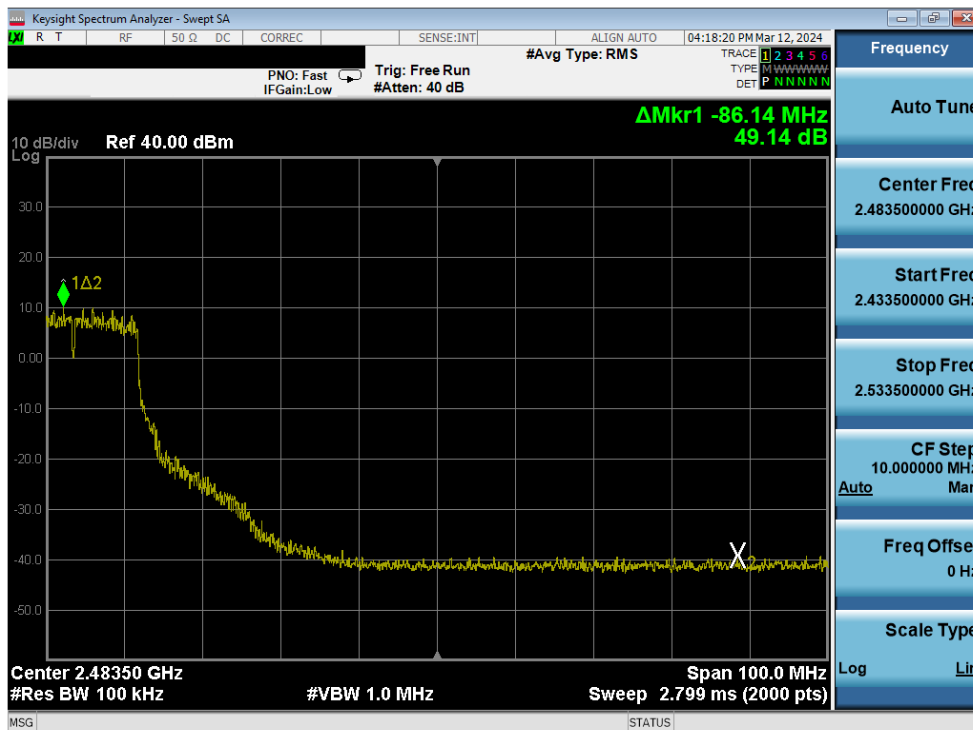


Plot 7-390. Band Edge Plot Antenna 1a (802.11g – Ch. 5) – 54Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 239 of 418

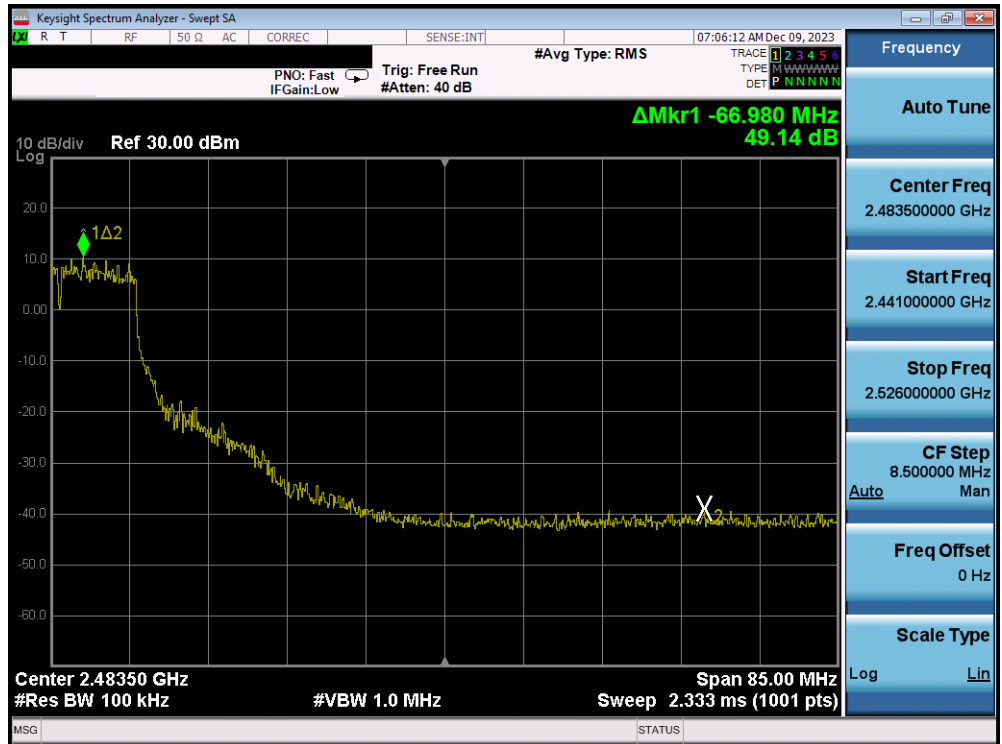


Plot 7-391. Band Edge Plot Antenna 1a (802.11g – Ch. 6 (low)) – 54Mbps

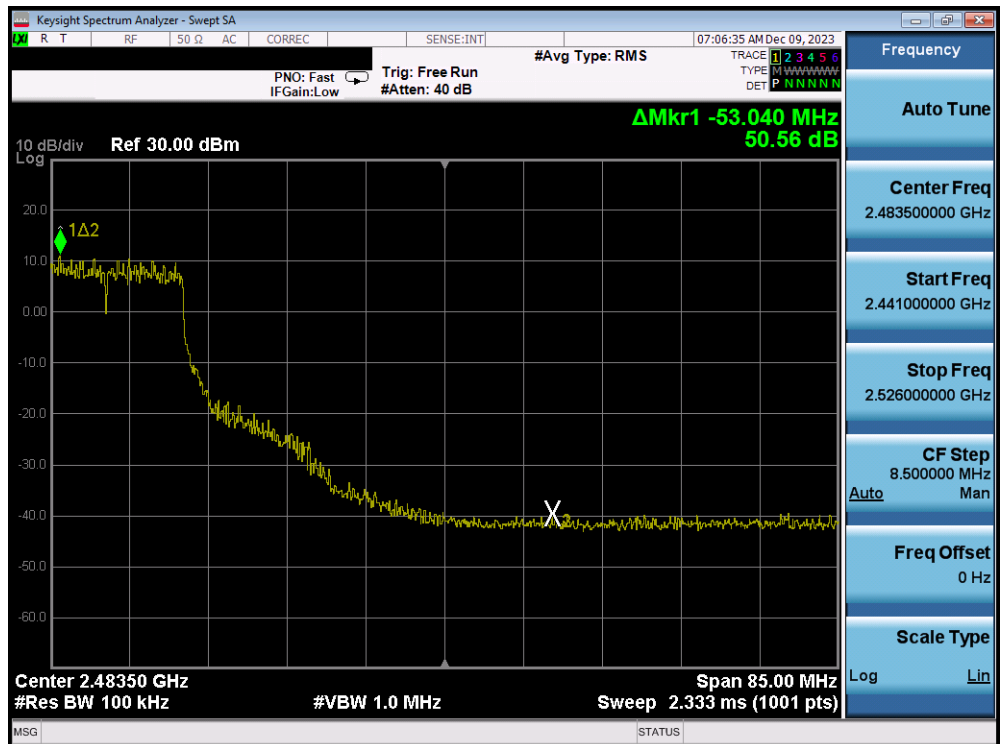


Plot 7-392. Band Edge Plot Antenna 1a (802.11g – Ch. 6 (high)) – 54Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 240 of 418

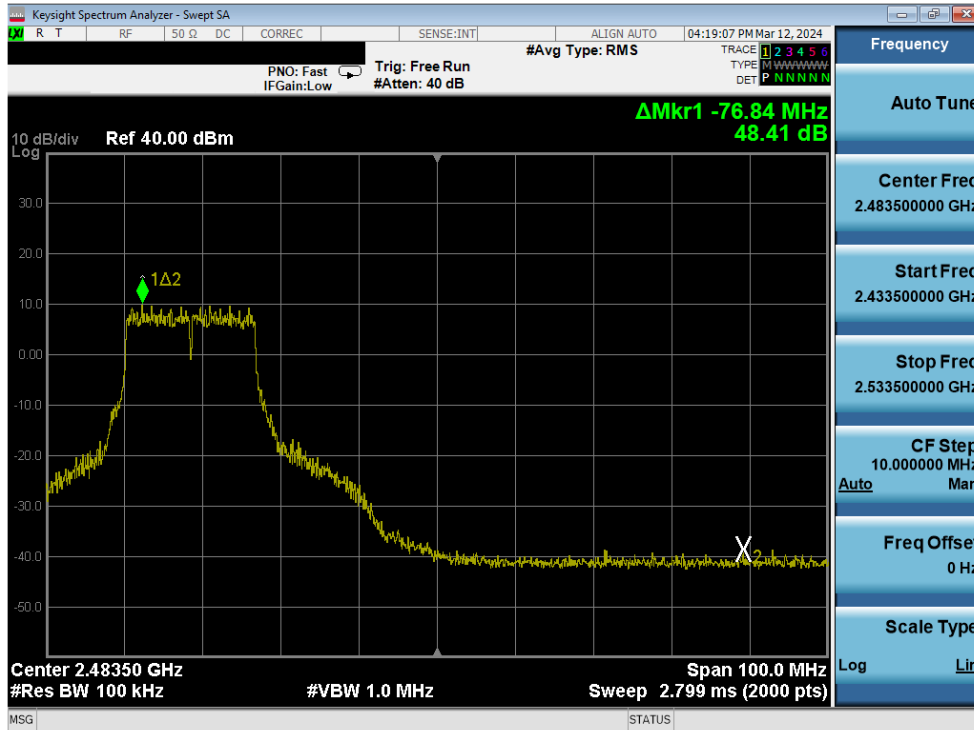


Plot 7-393. Band Edge Plot Antenna 1a (802.11g – Ch. 7) – 54Mbps

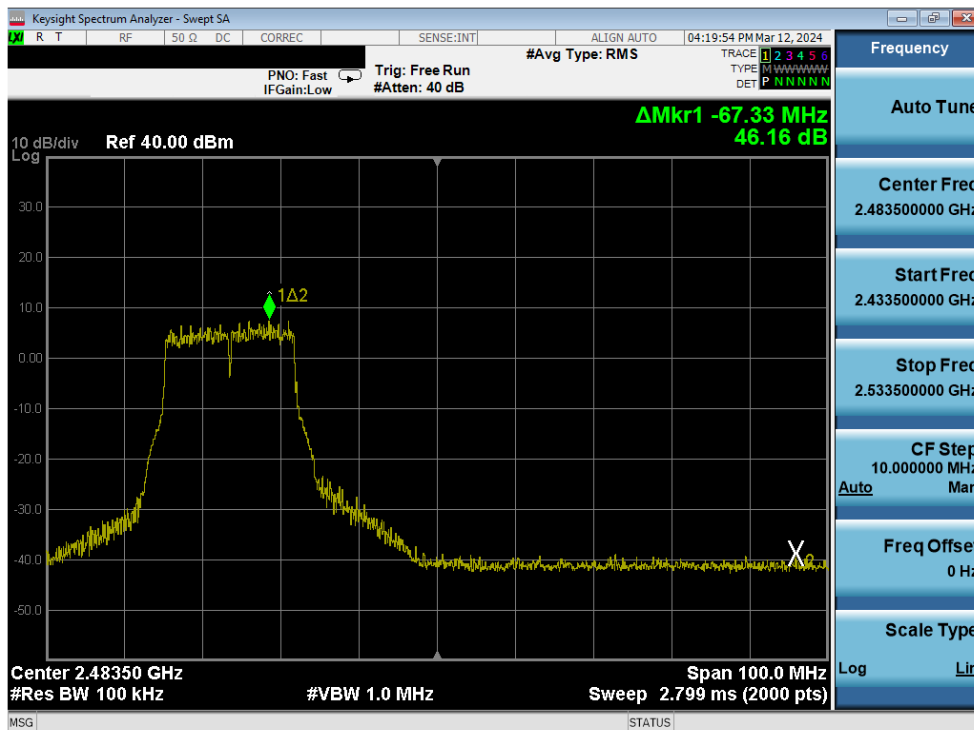


Plot 7-394. Band Edge Plot Antenna 1a (802.11g – Ch. 8) – 54Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 241 of 418

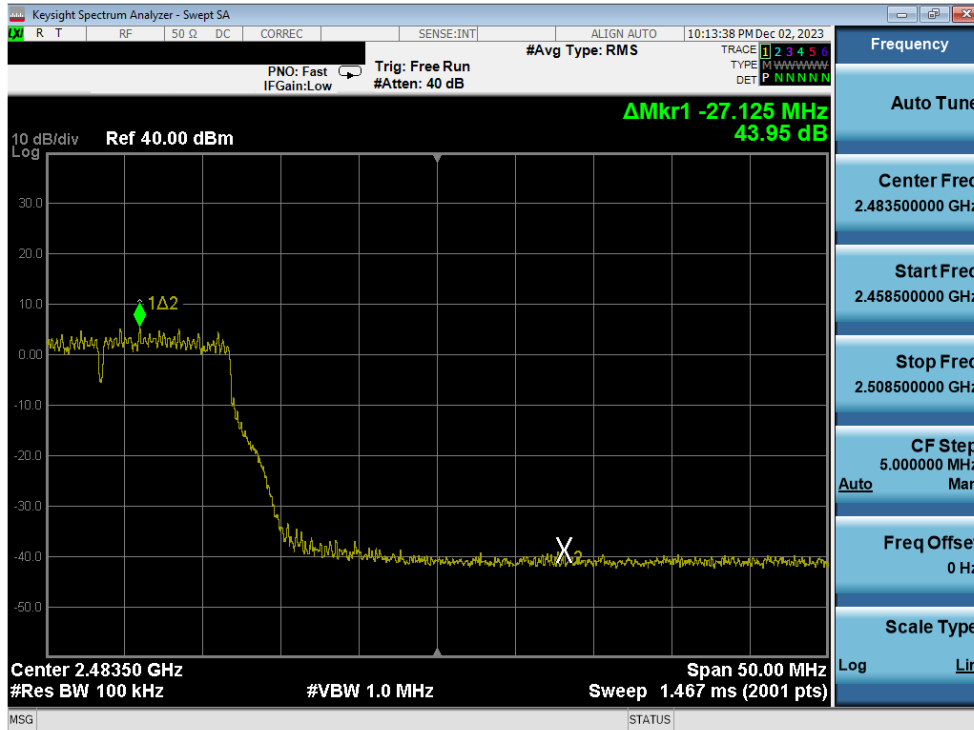


Plot 7-395. Band Edge Plot Antenna 1a (802.11g - Ch. 9) - 54Mbps

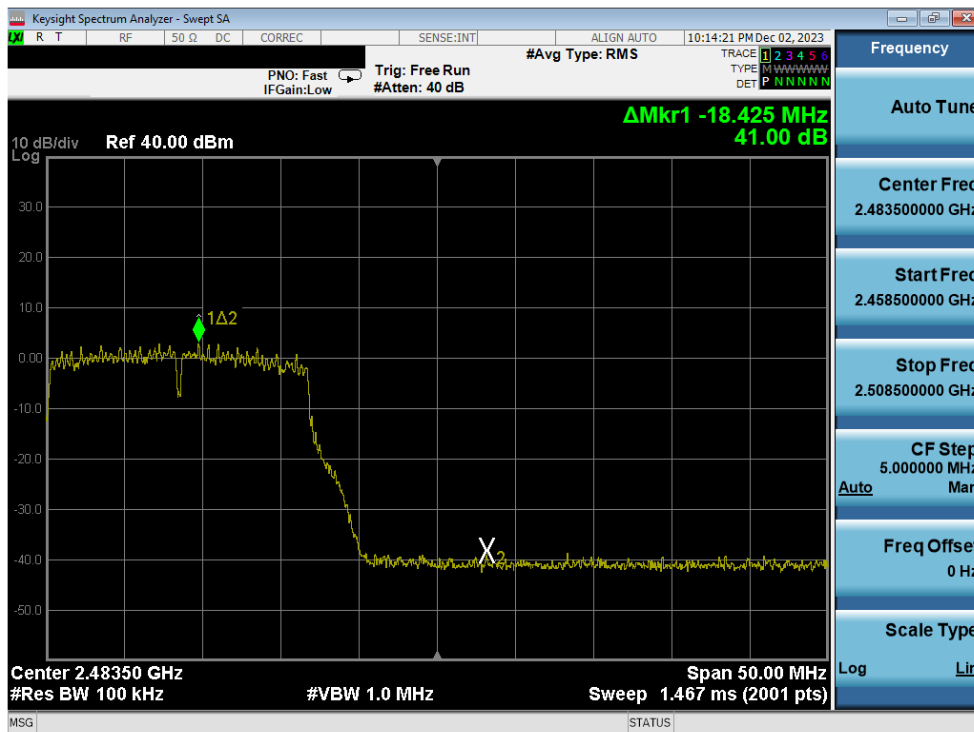


Plot 7-396. Band Edge Plot Antenna 1a (802.11g - Ch. 10) - 54Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 242 of 418

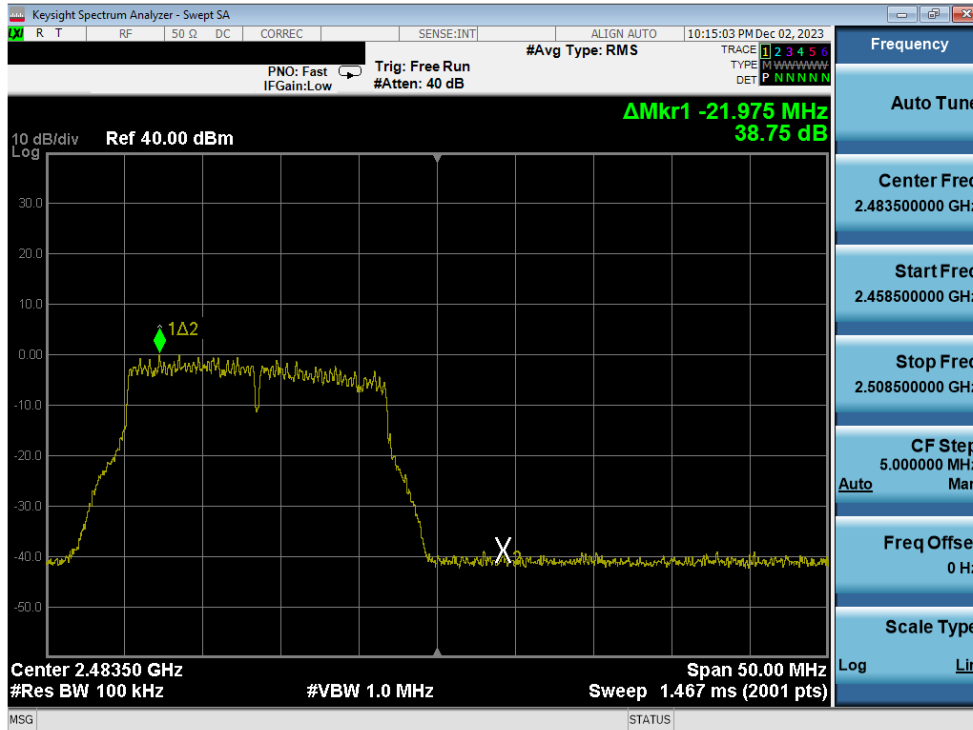


Plot 7-397. Band Edge Plot Antenna 1a (802.11g – Ch. 11) – 54Mbps

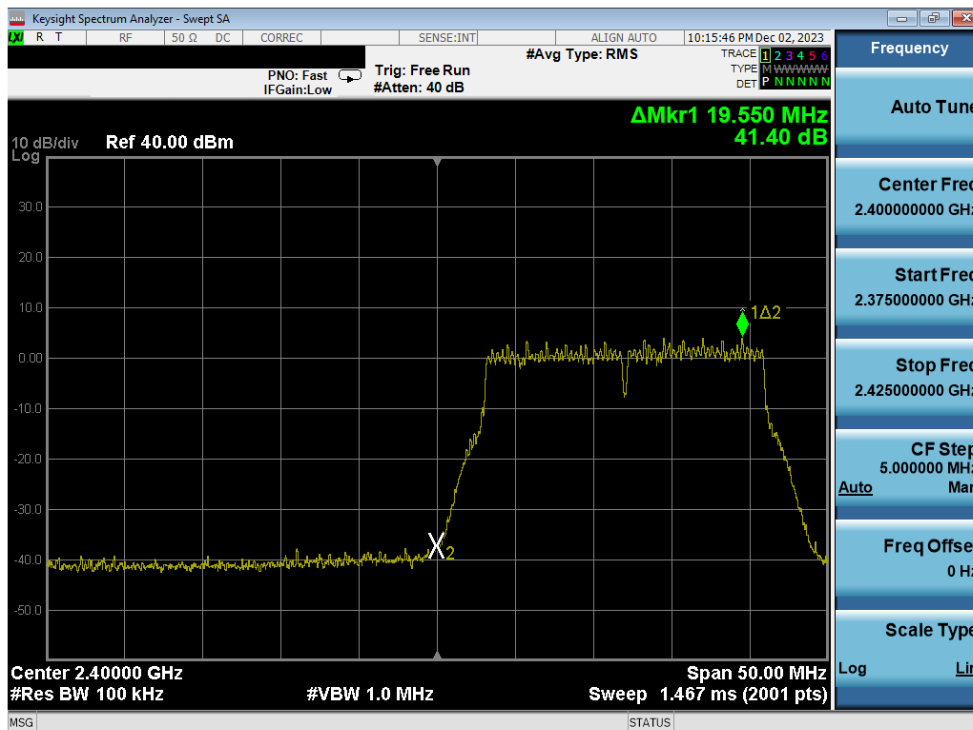


Plot 7-398. Band Edge Plot Antenna 1a (802.11g – Ch. 12) – 54Mbps

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 243 of 418

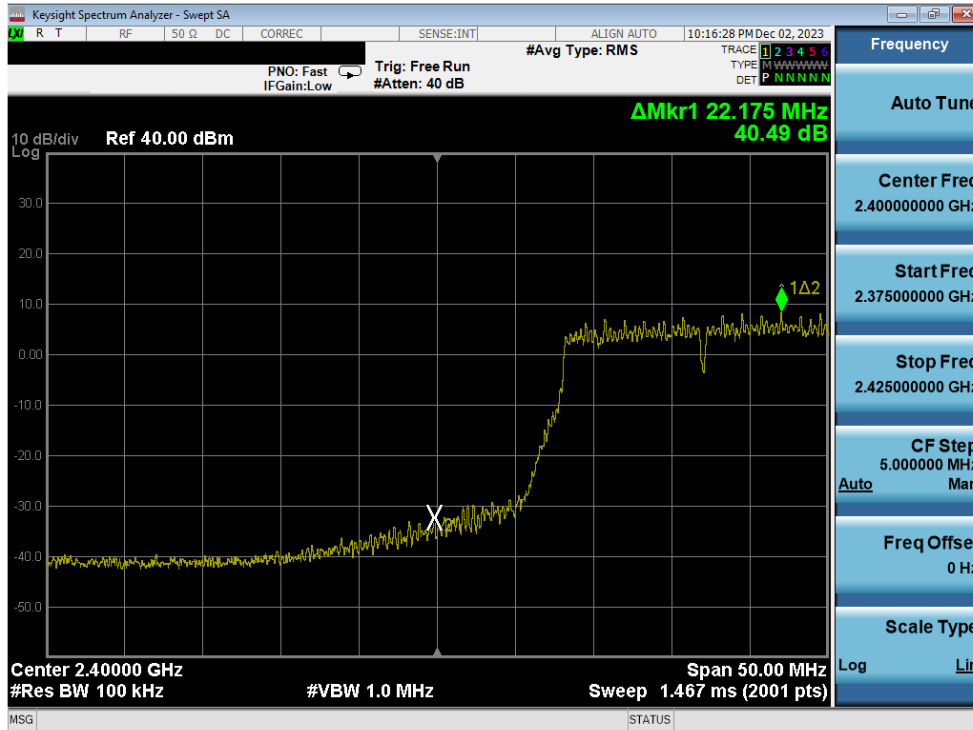


Plot 7-399. Band Edge Plot Antenna 1a (802.11g – Ch. 13) – 54Mbps

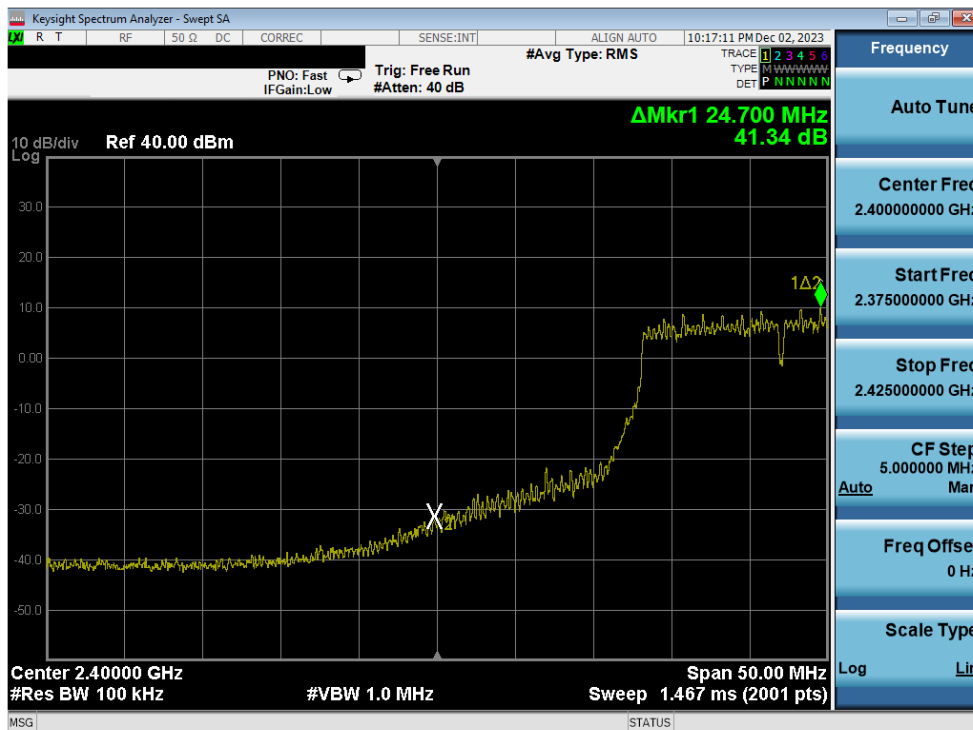


Plot 7-400. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS7

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 244 of 418

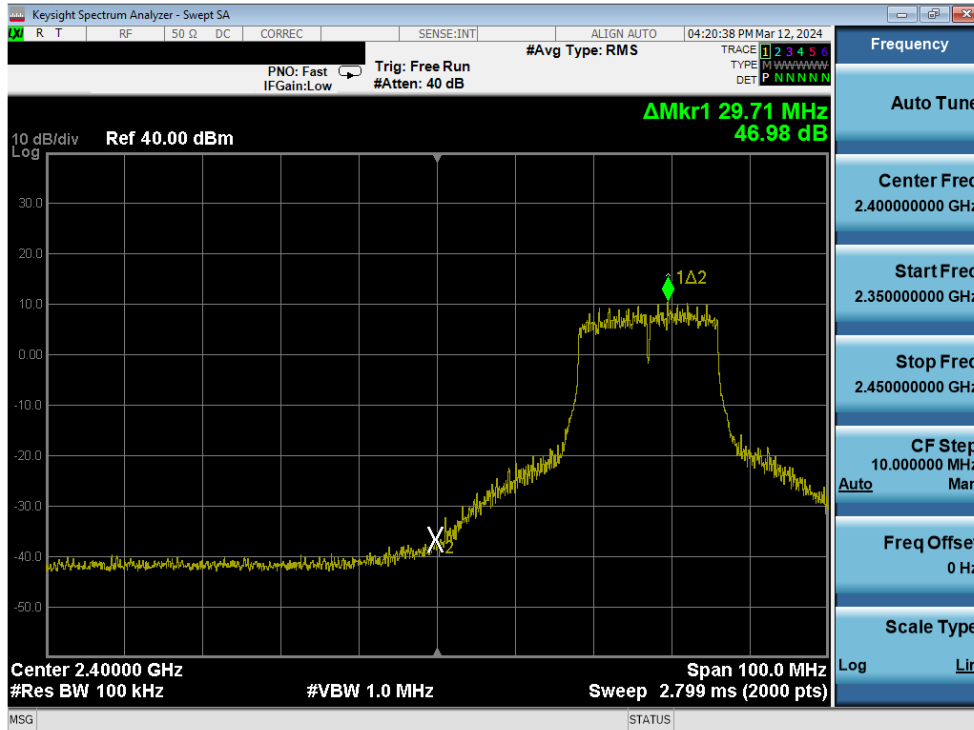


Plot 7-401. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 2) – MCS7

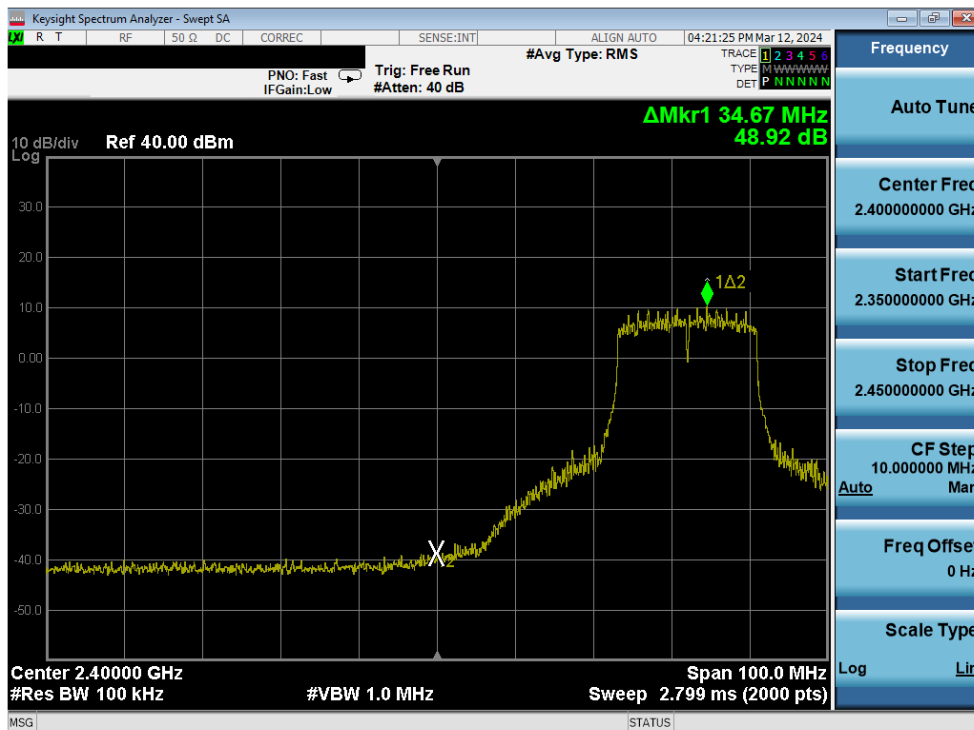


Plot 7-402. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 3) – MCS7

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 245 of 418

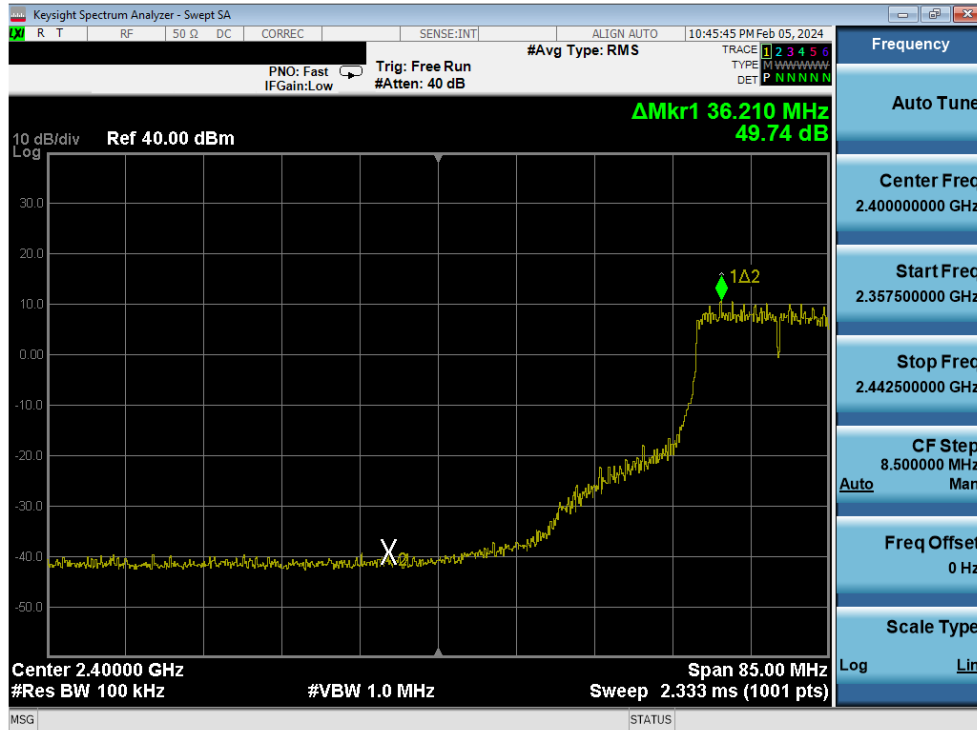


Plot 7-403. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 4) – MCS7

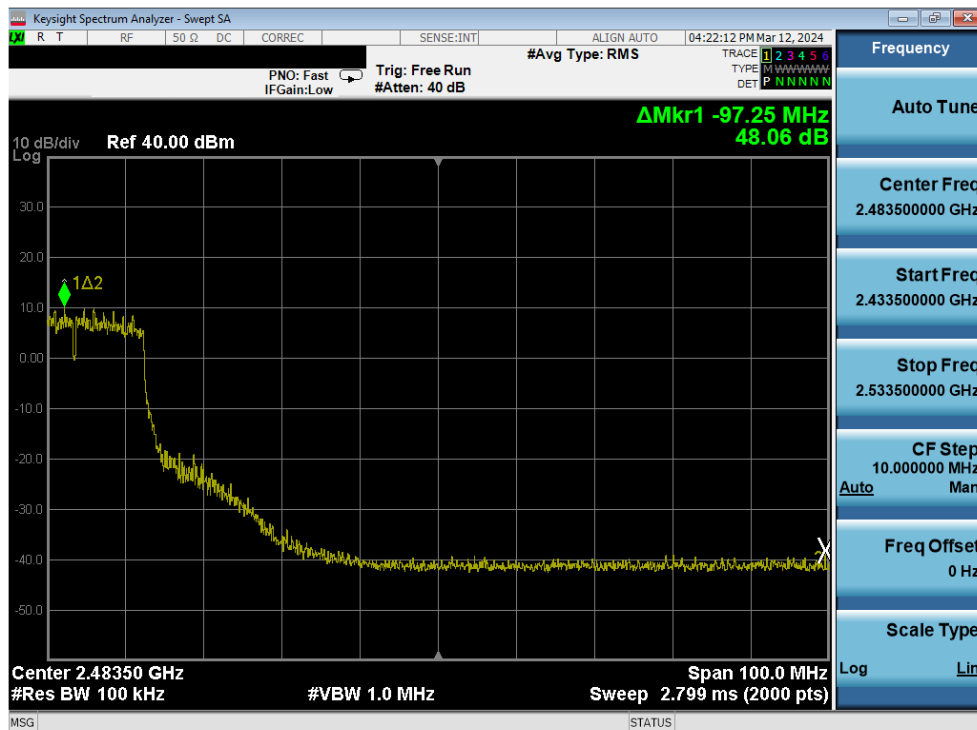


Plot 7-404. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 5) – MCS7

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 246 of 418

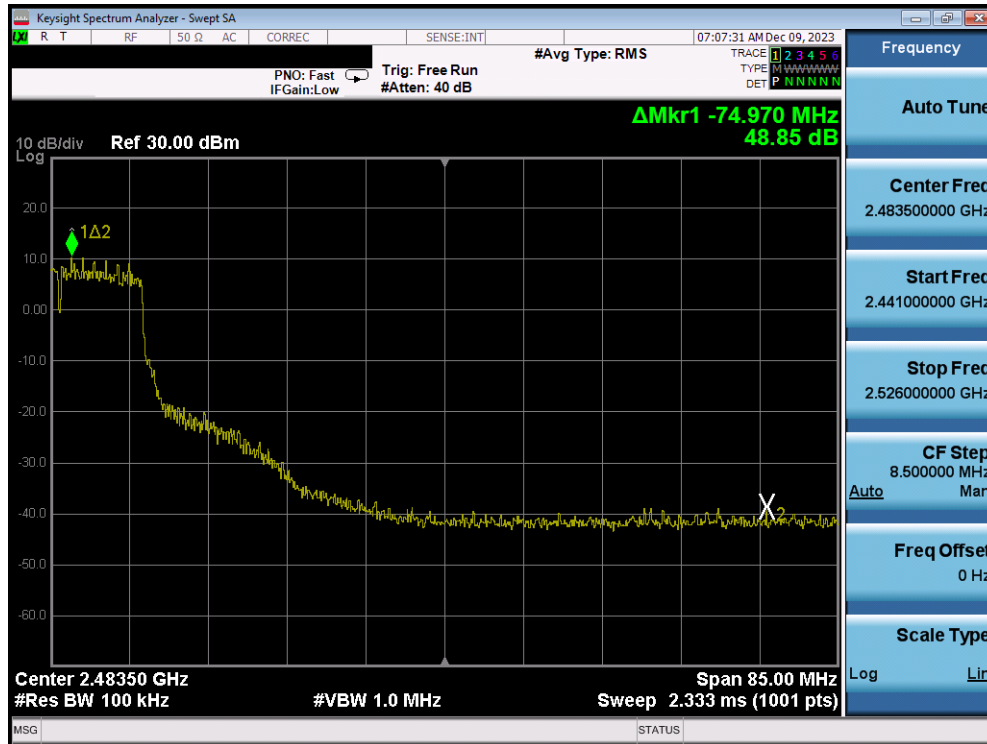


Plot 7-405. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 6(low)) – MCS7

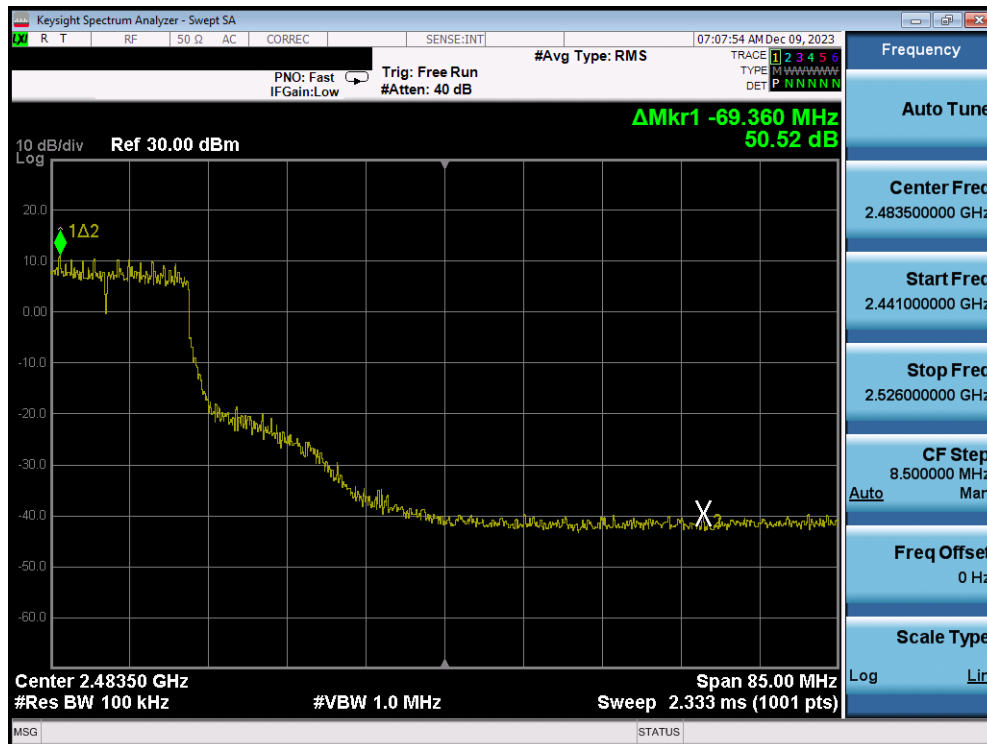


Plot 7-406. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 6 (high)) – MCS7

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 247 of 418

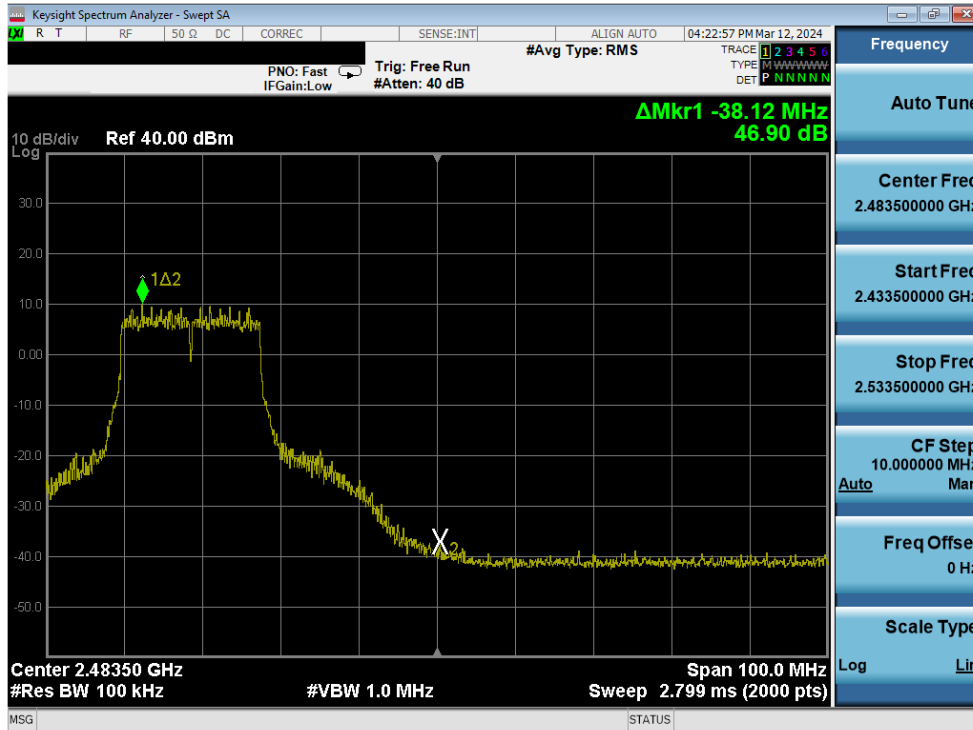


Plot 7-407. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 7) – MCS7

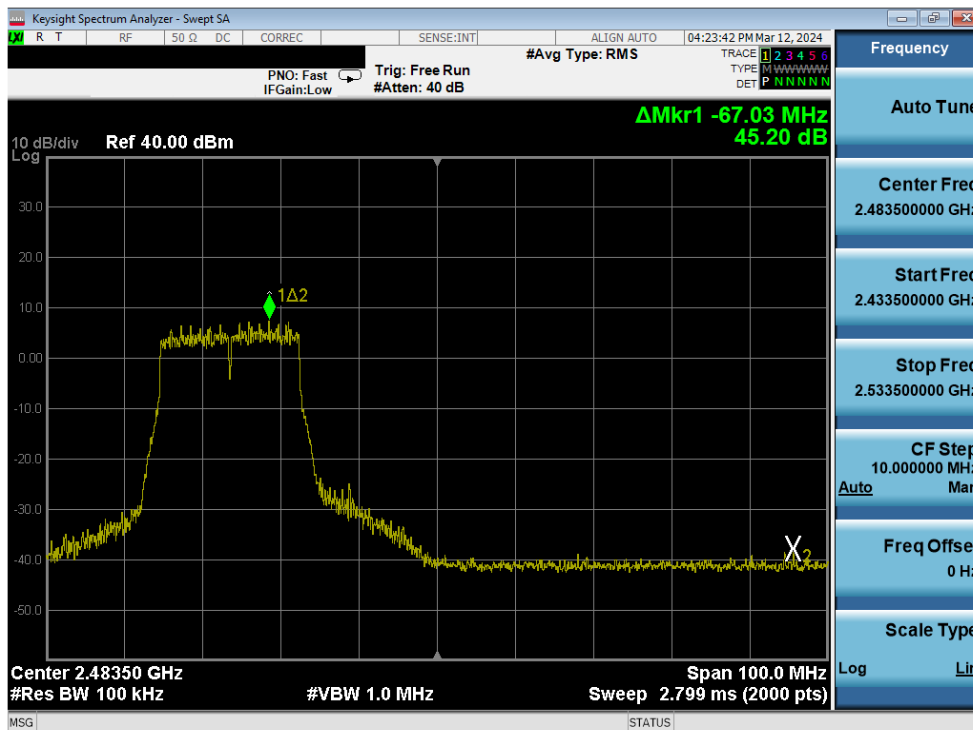


Plot 7-408. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 8) – MCS7

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 248 of 418

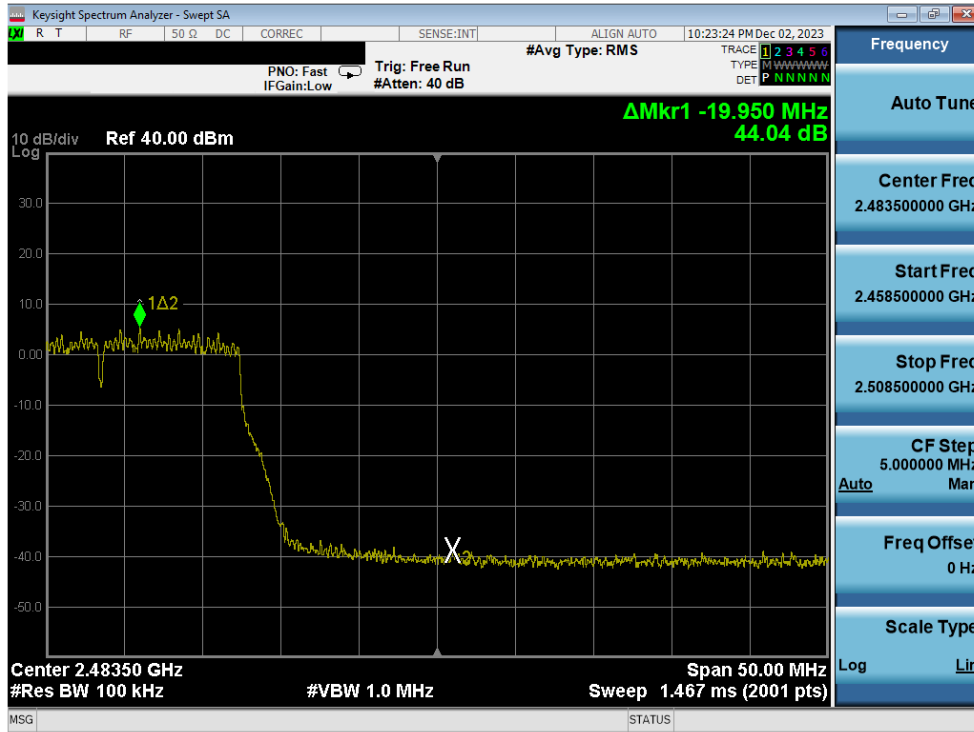


Plot 7-409. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 9) – MCS7

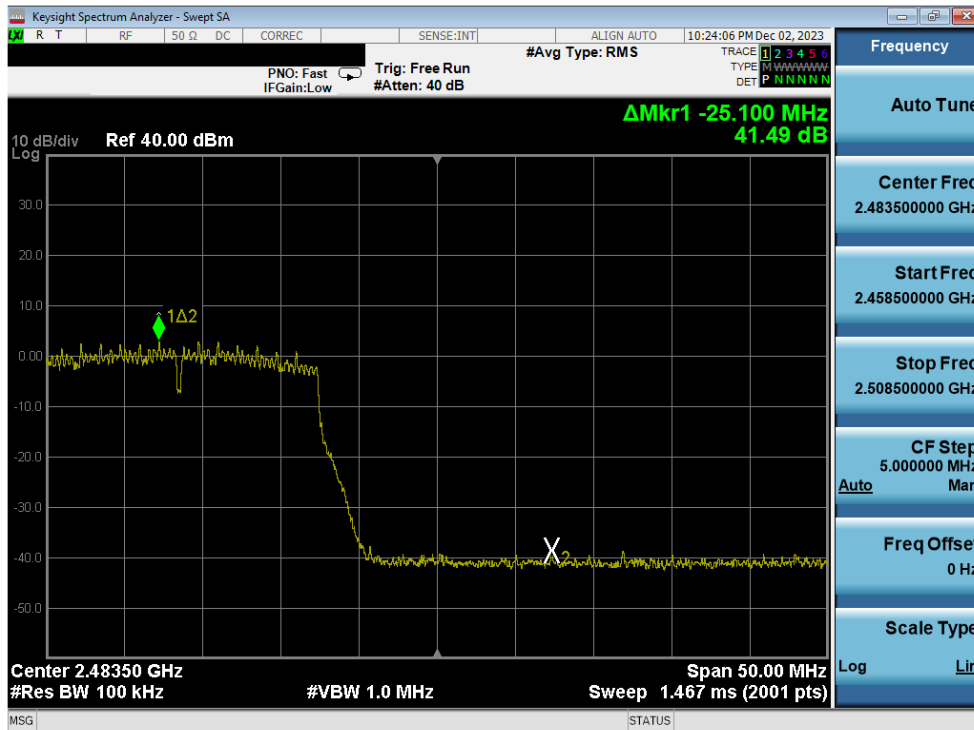


Plot 7-410. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 10) – MCS7

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 249 of 418

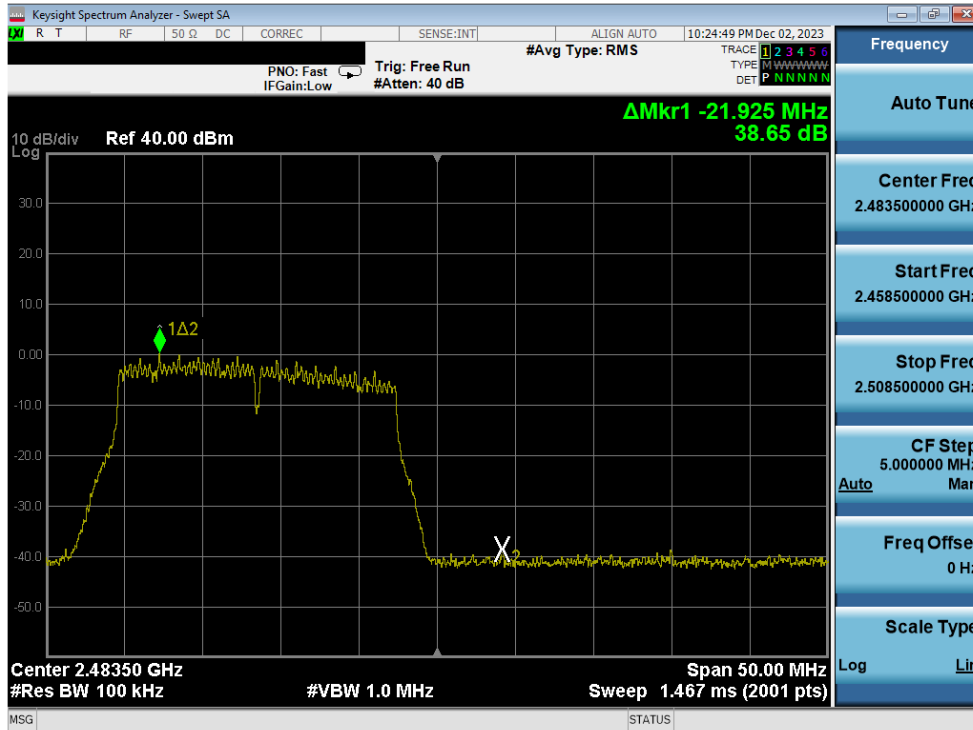


Plot 7-411. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS7

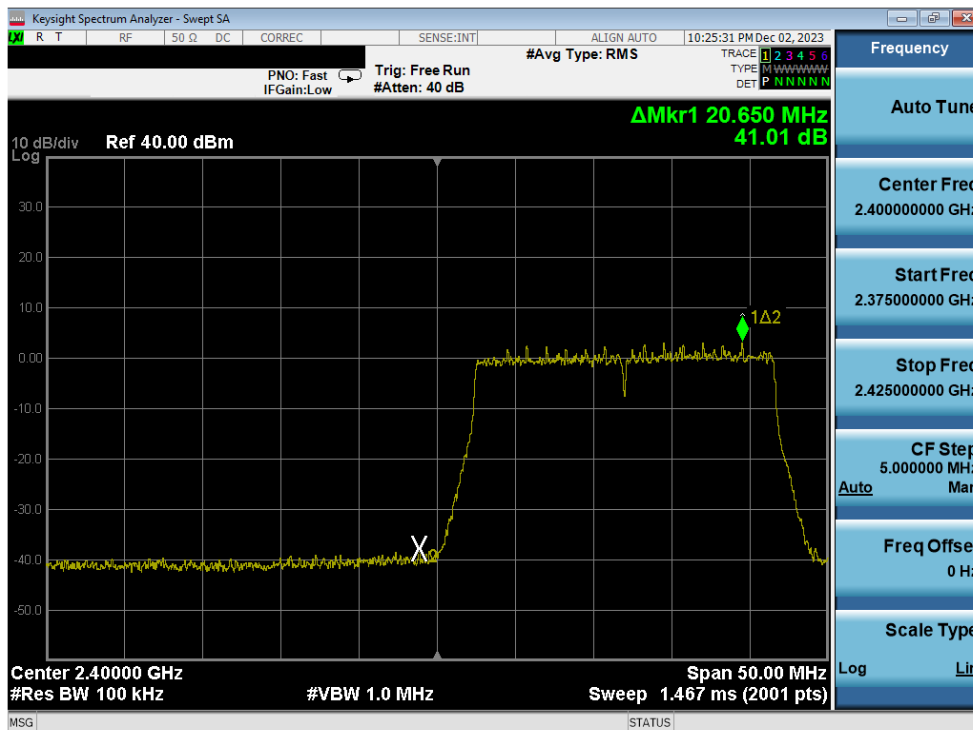


Plot 7-412. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 12) – MCS7

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 250 of 418

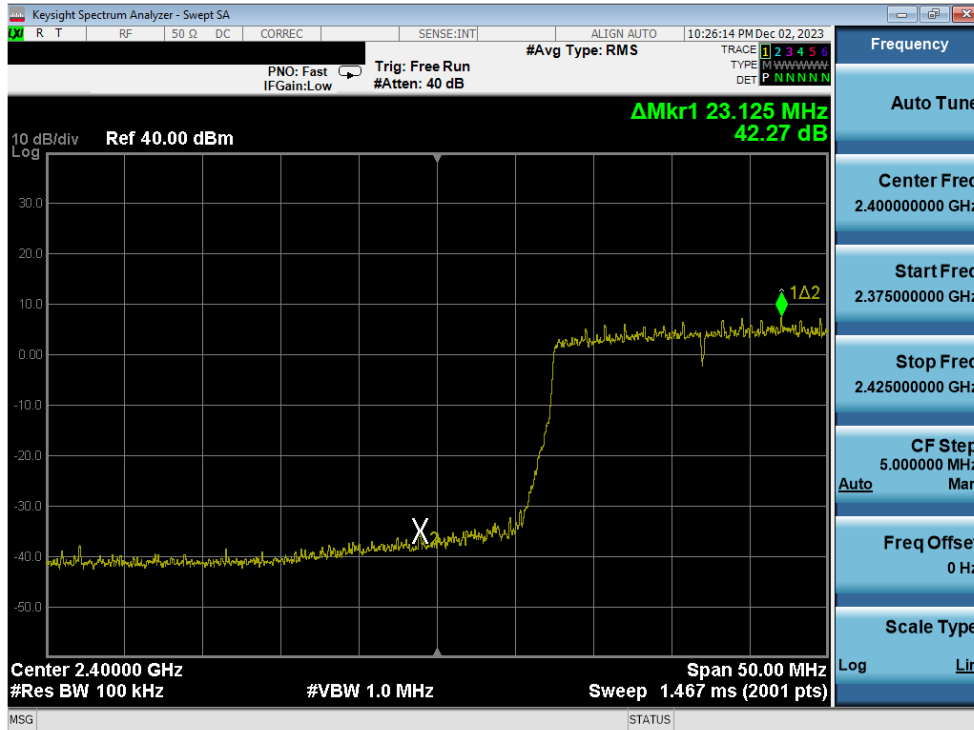


Plot 7-413. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 13) – MCS7

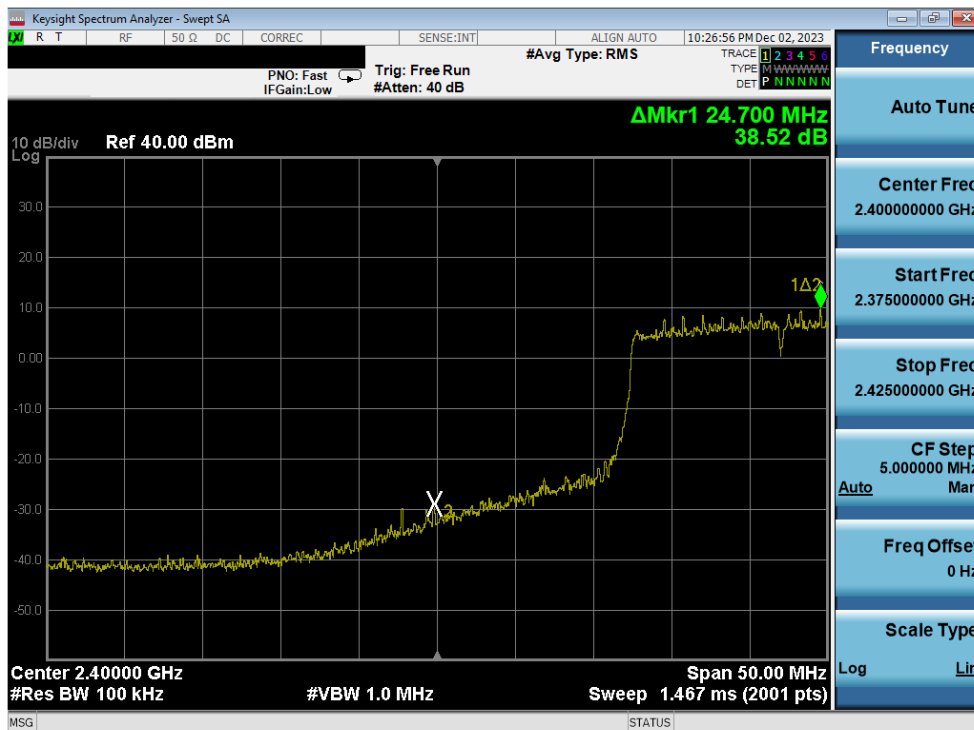


Plot 7-414. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 251 of 418

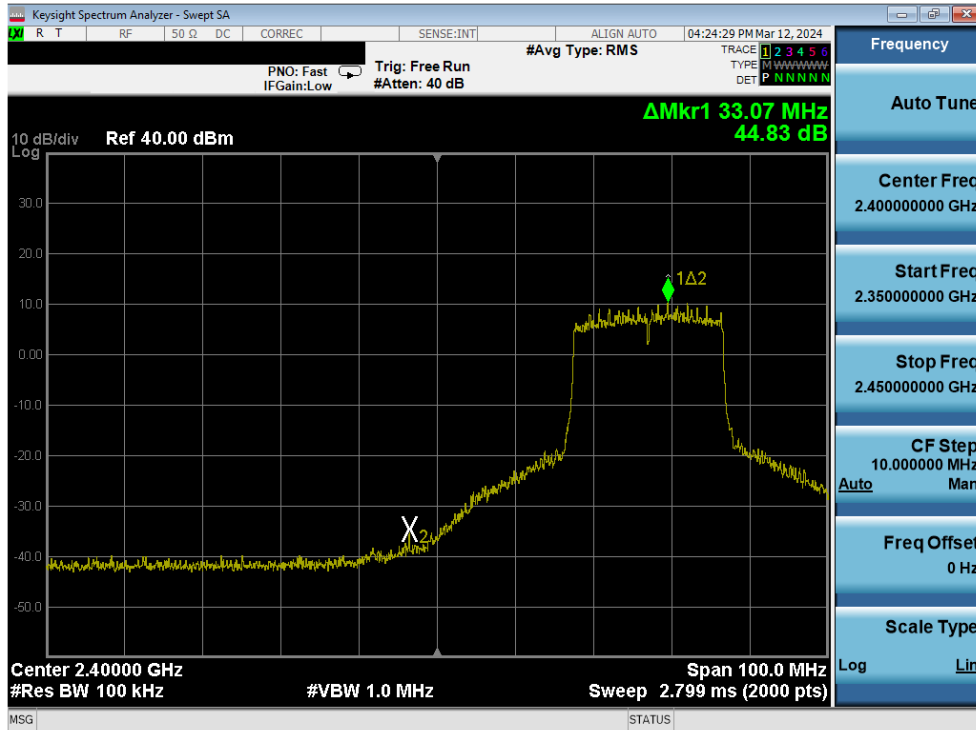


Plot 7-415. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS9

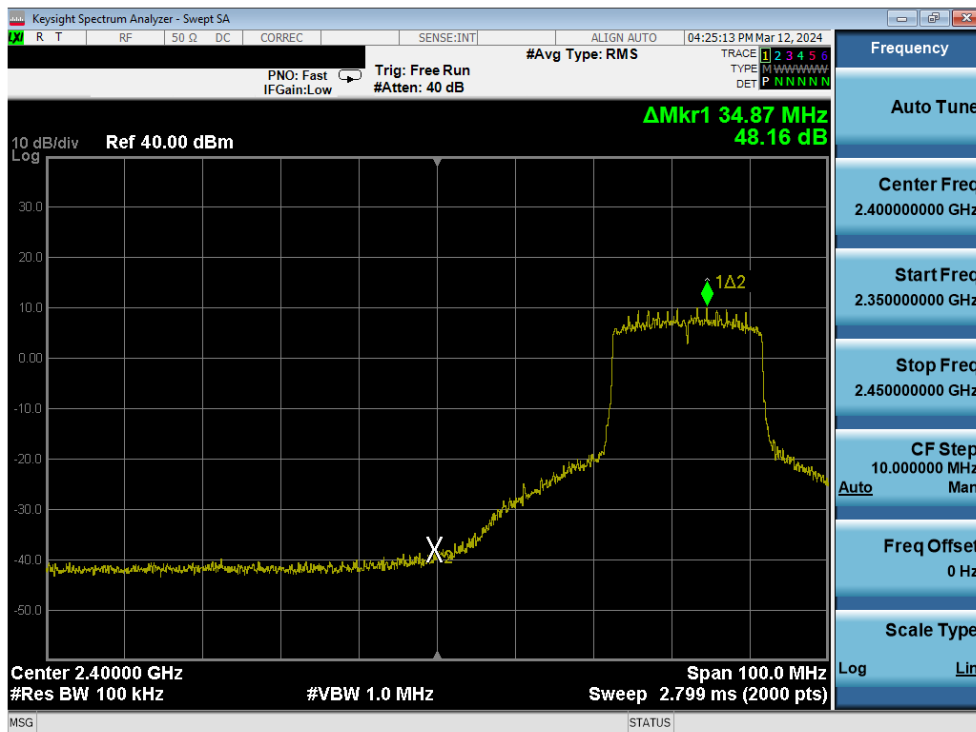


Plot 7-416. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS9

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 252 of 418

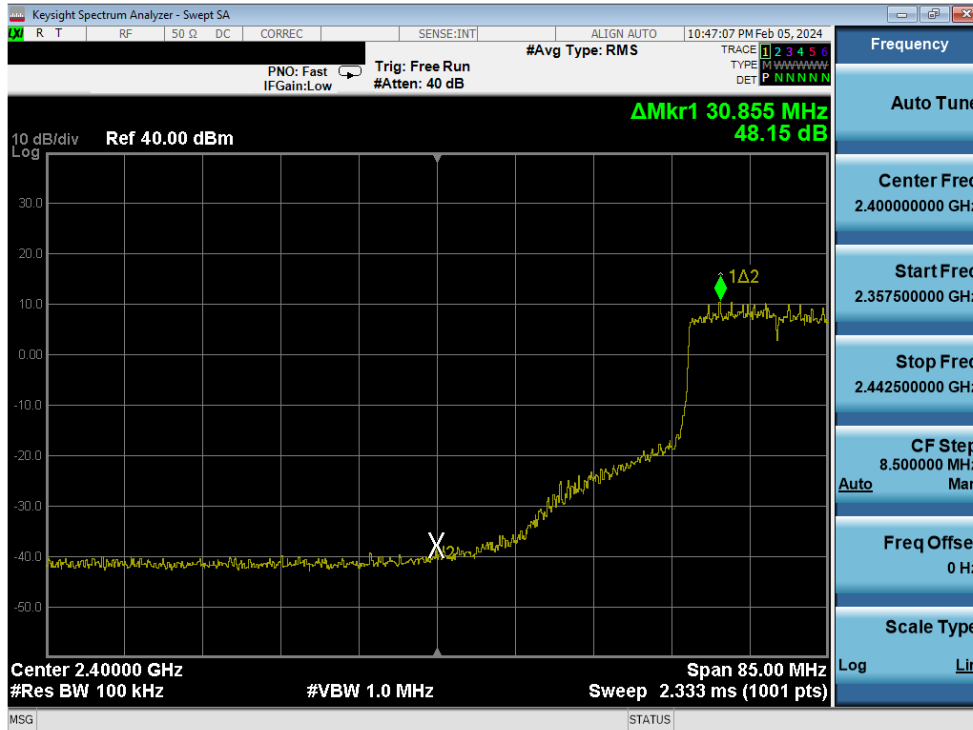


Plot 7-417. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS9

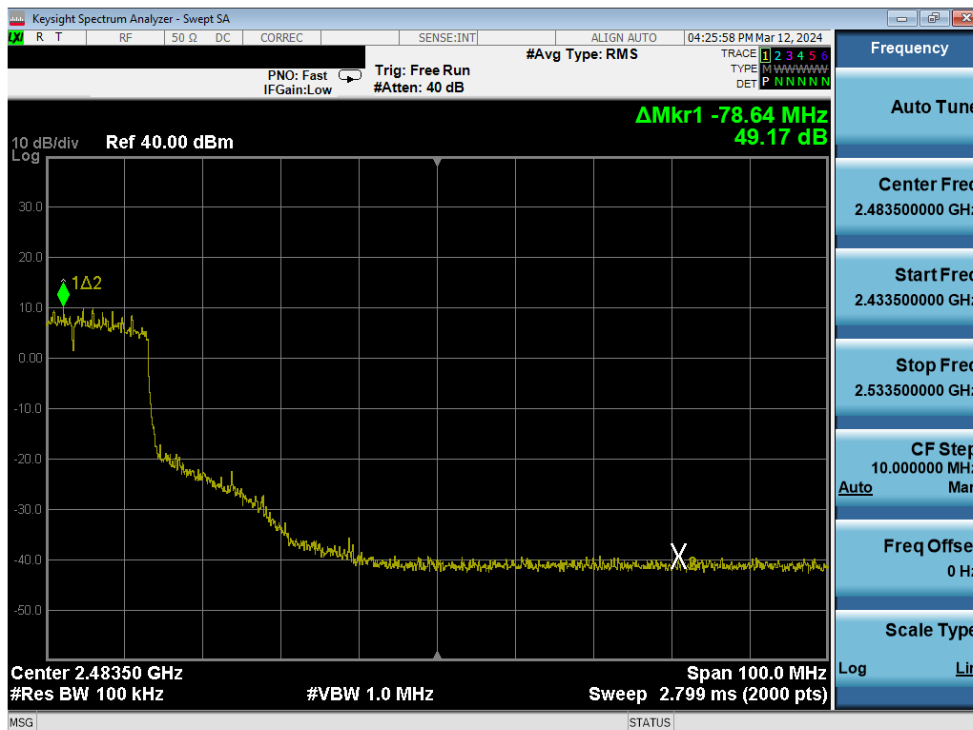


Plot 7-418. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 5) – MCS9

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 253 of 418

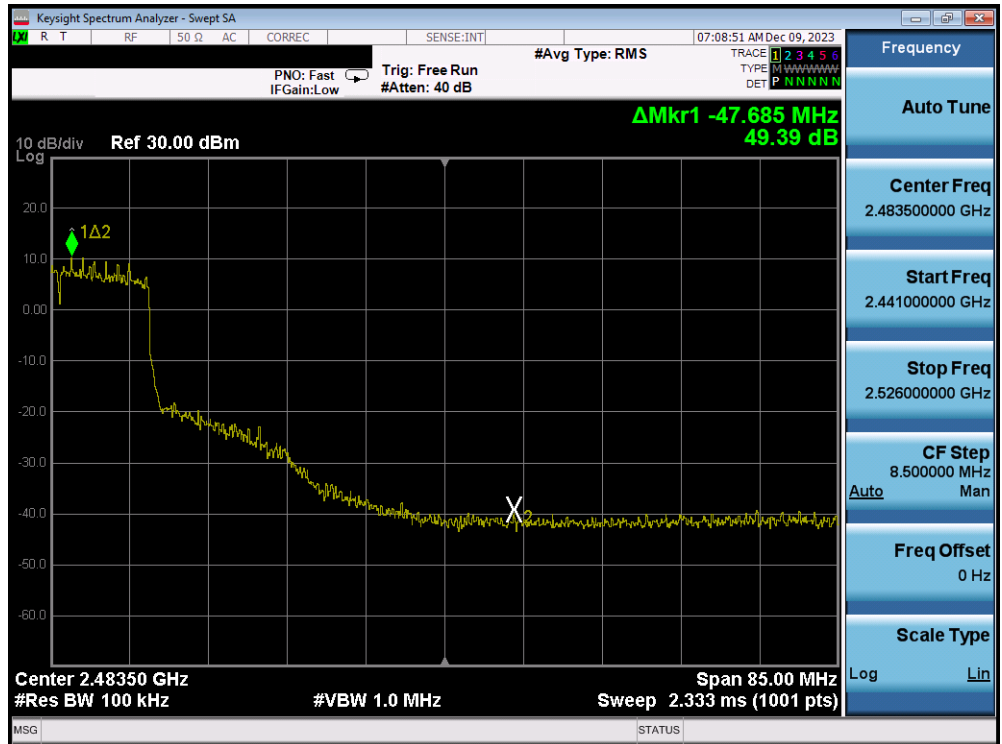


Plot 7-419. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6 (low)) – MCS9

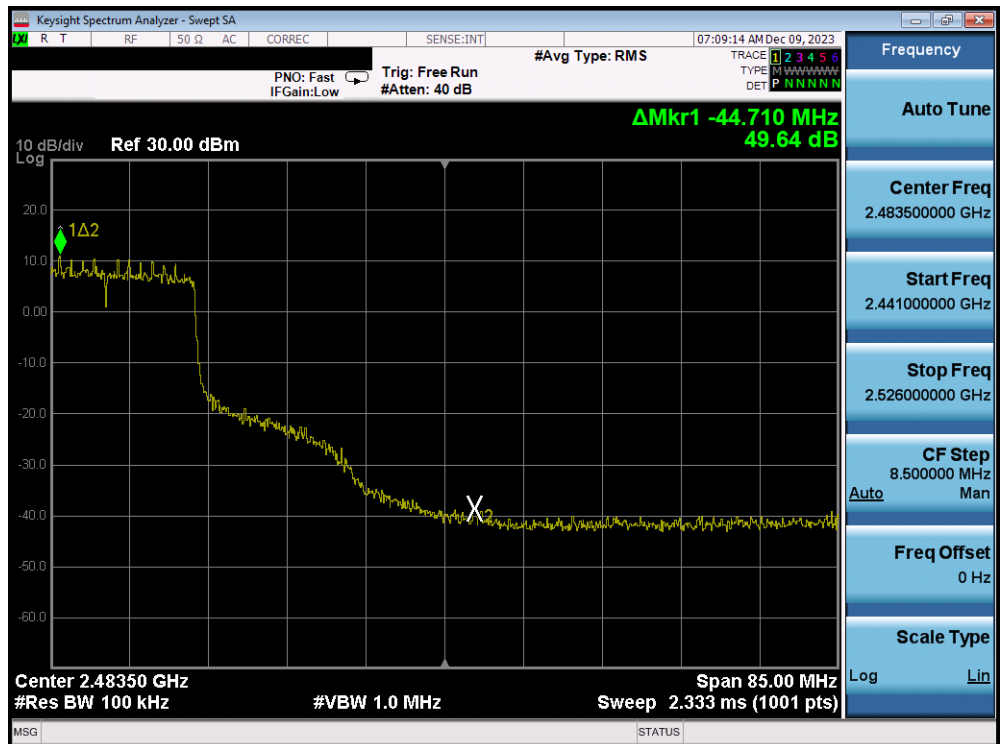


Plot 7-420. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6 (high)) – MCS9

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 254 of 418

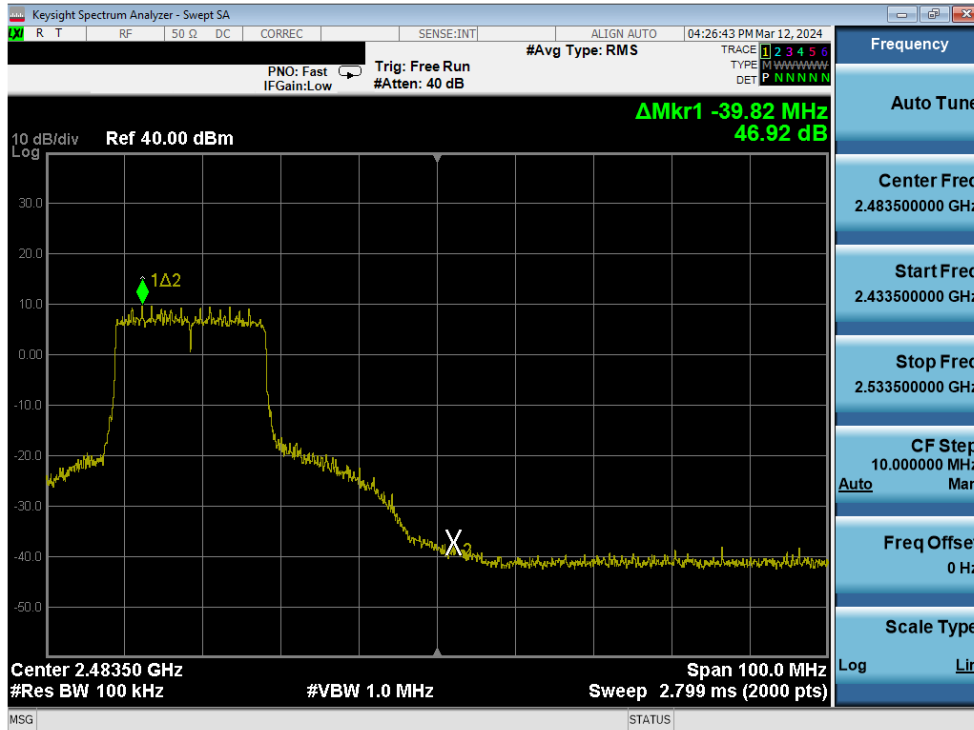


Plot 7-421. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS9

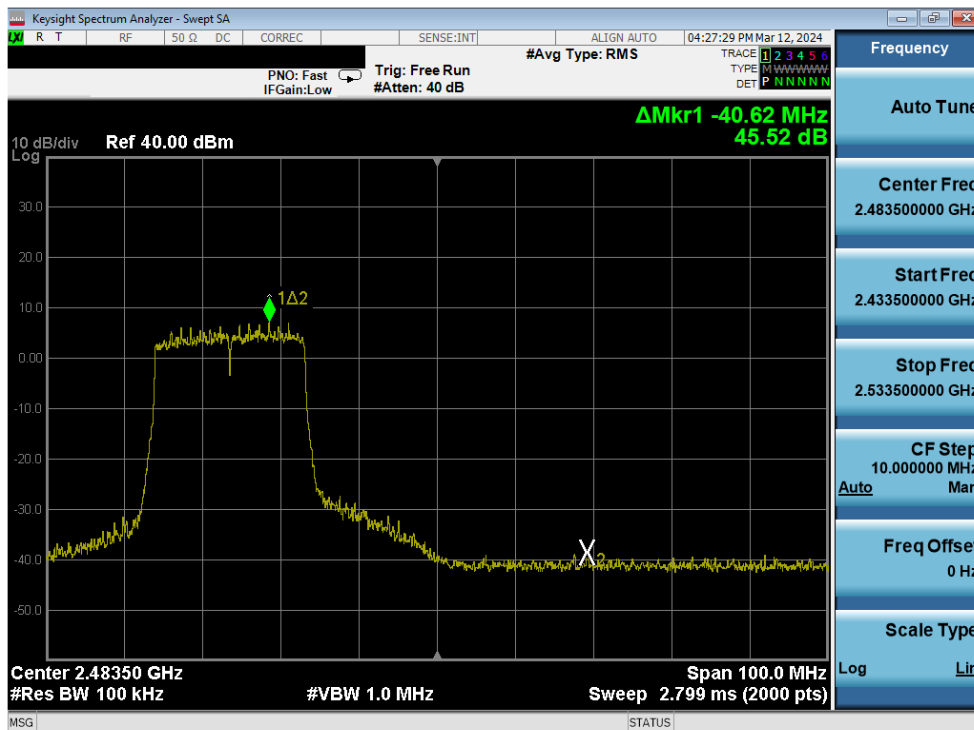


Plot 7-422. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS9

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 255 of 418

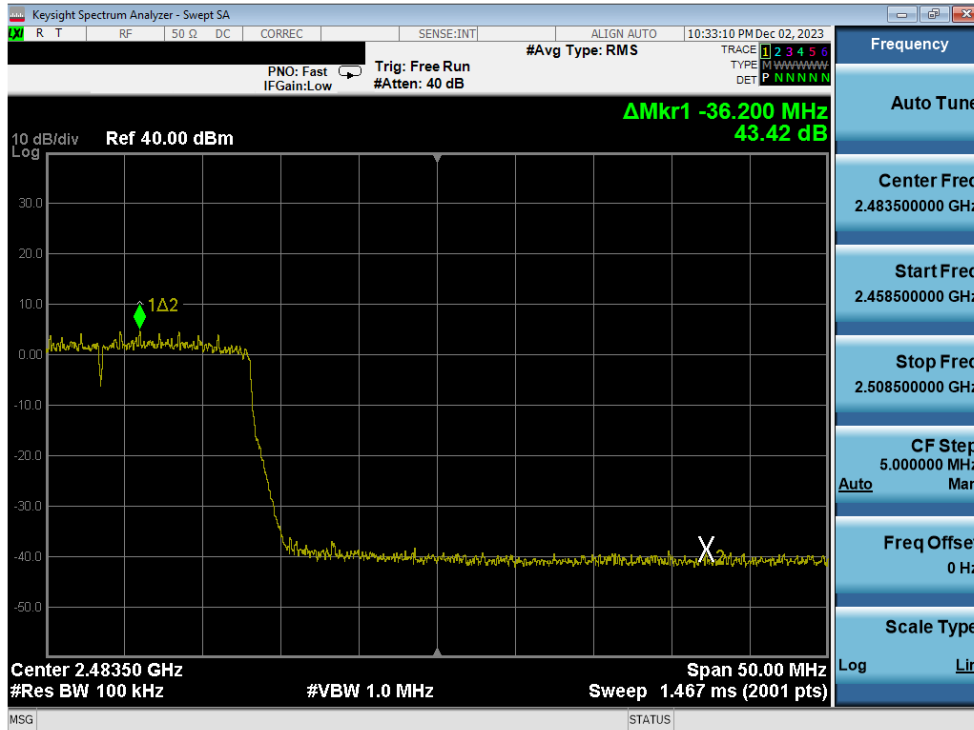


Plot 7-423. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS9

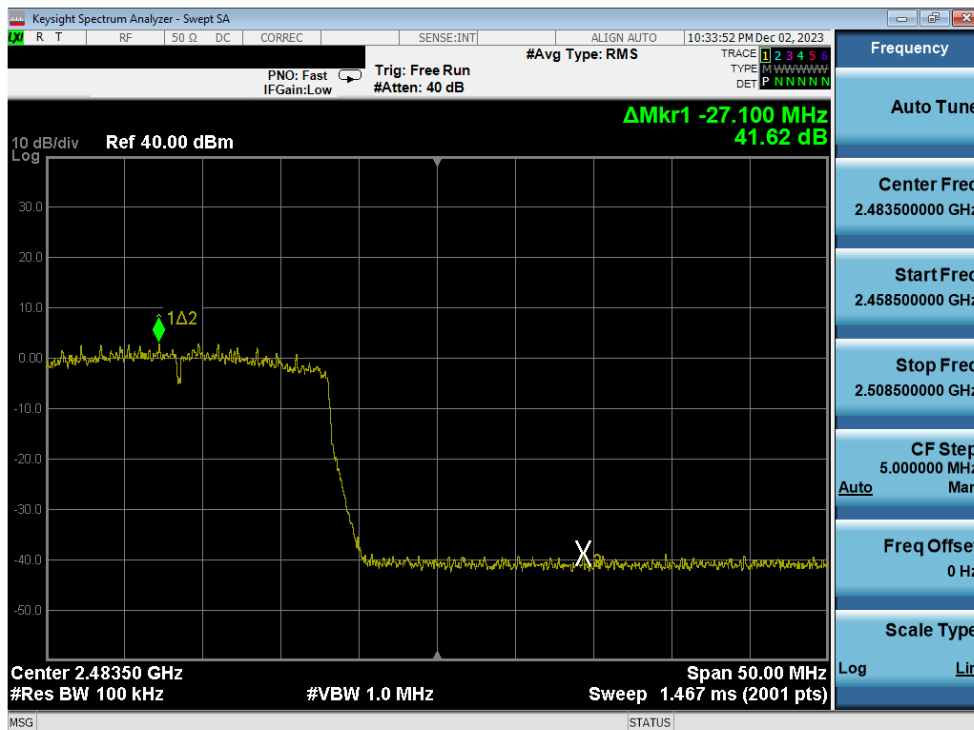


Plot 7-424. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS9

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 256 of 418



Plot 7-425. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9



Plot 7-426. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS9

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 257 of 418

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

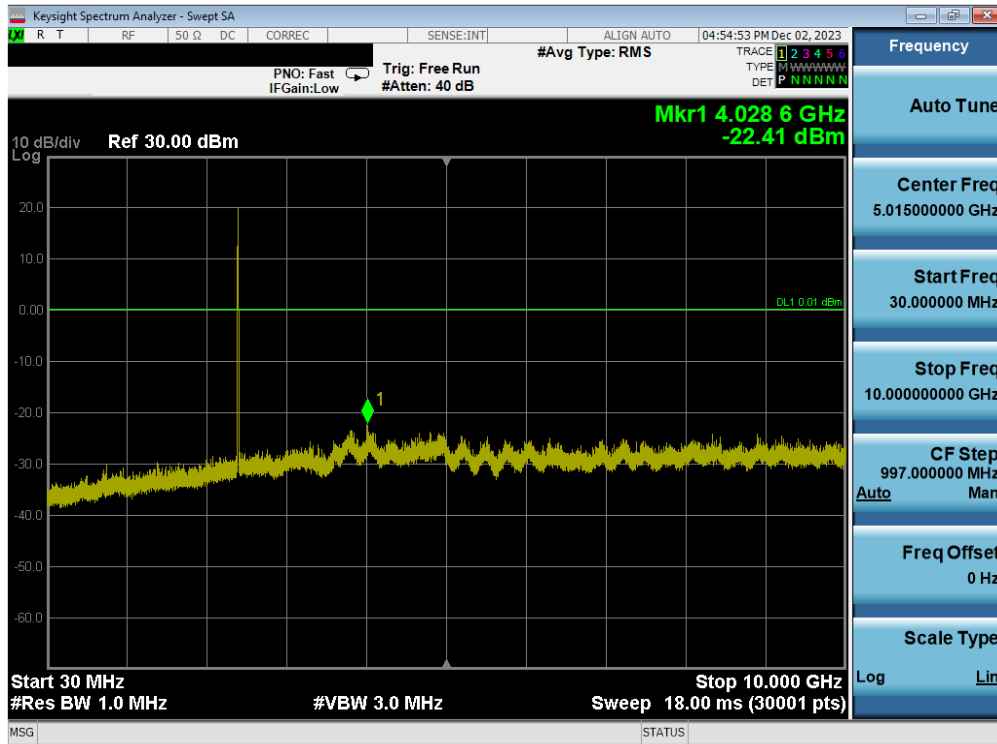
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 258 of 418

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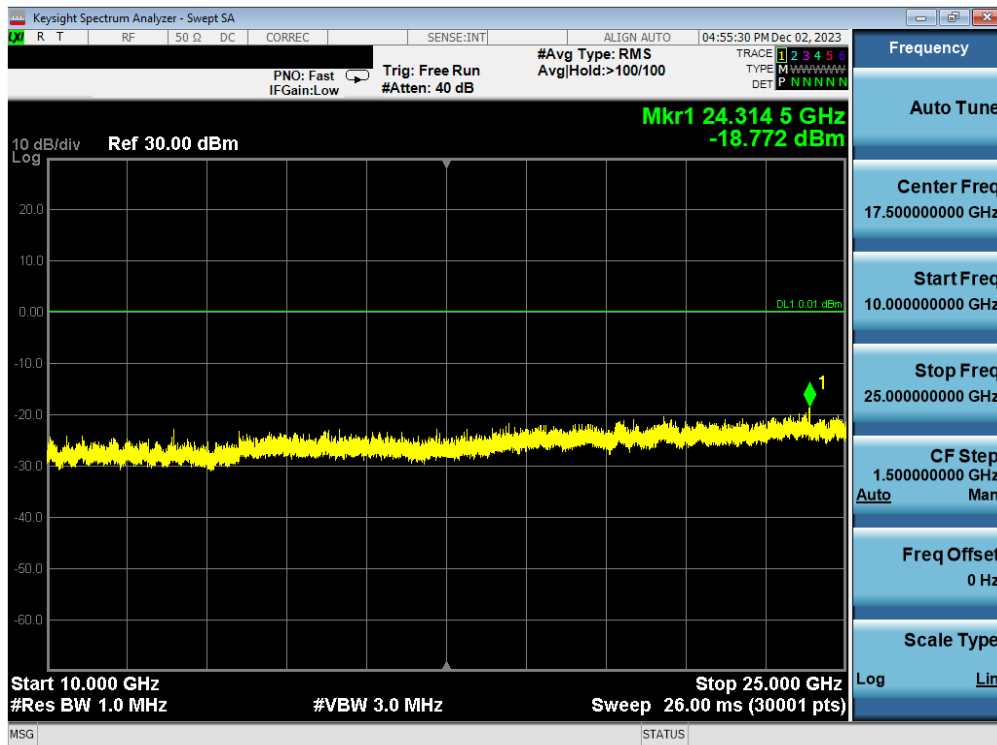
Test Notes

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 modes, data rates, and antenna configurations were investigated and only the worst case is reported.

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Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device
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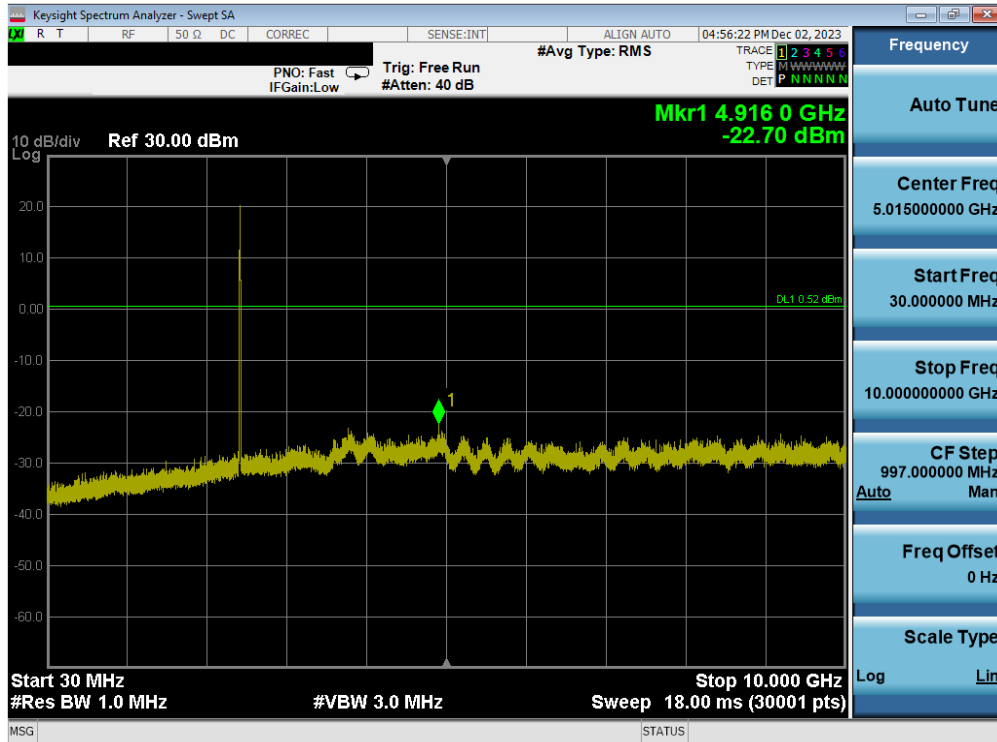


Plot 7-427. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 1)

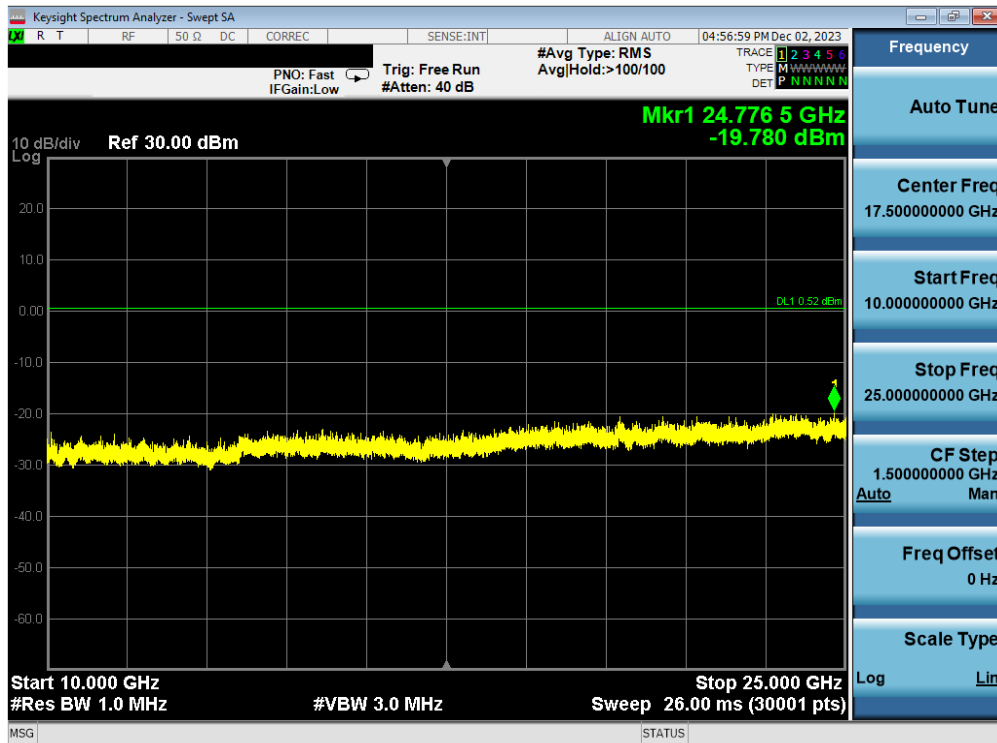


Plot 7-428. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 1)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 260 of 418

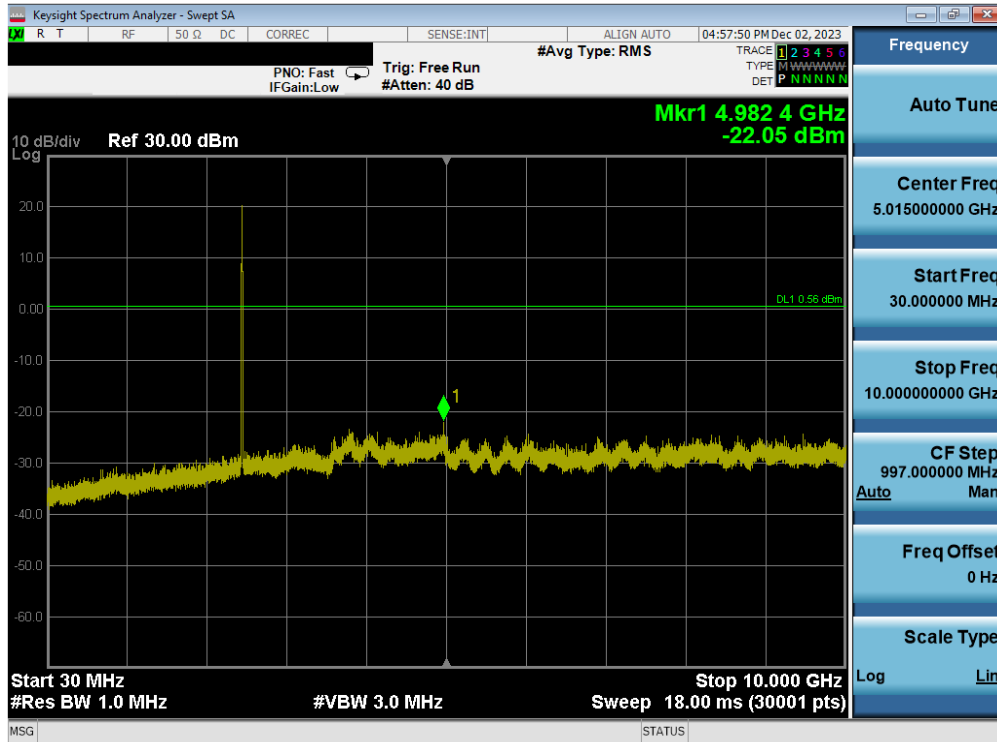


Plot 7-429. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 6)

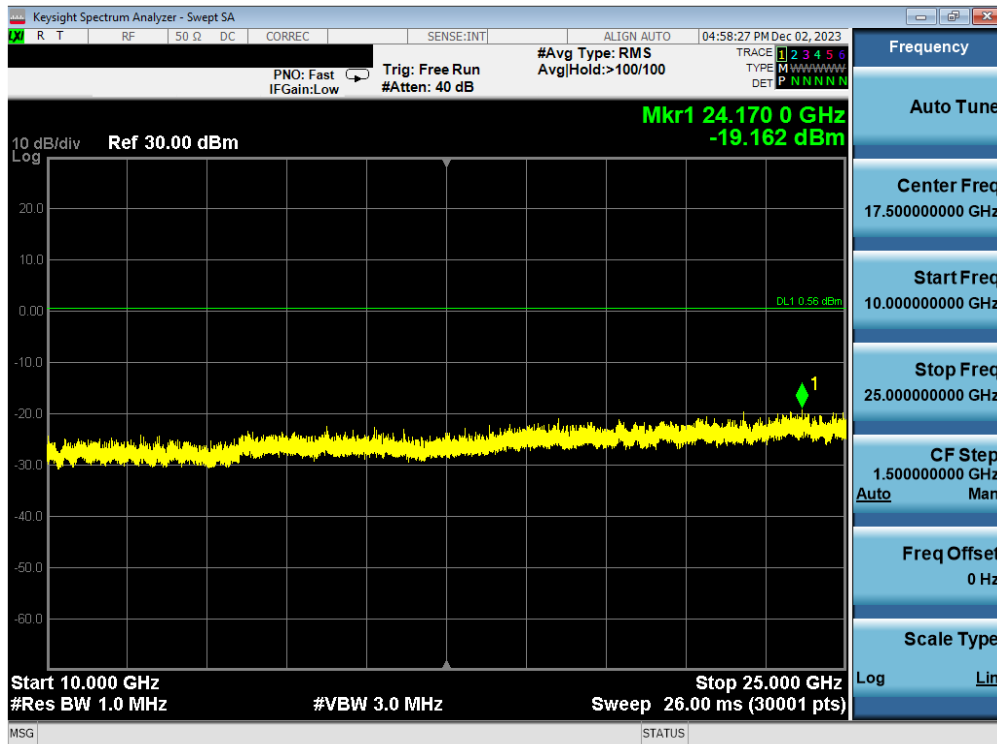


Plot 7-430. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 6)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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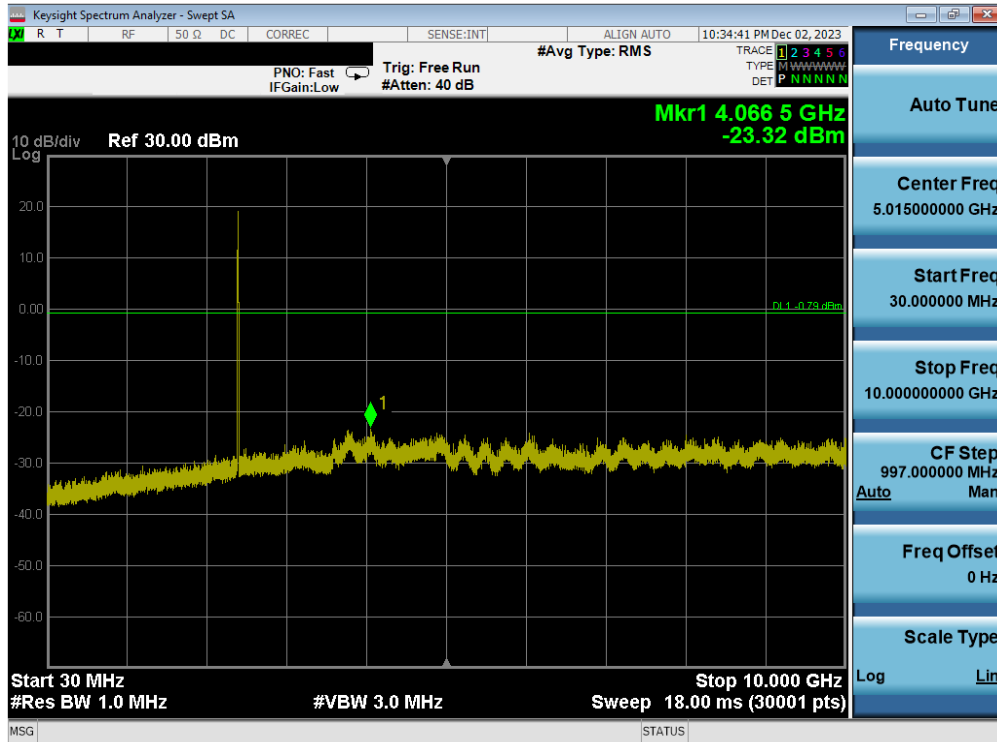


Plot 7-431. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 11)

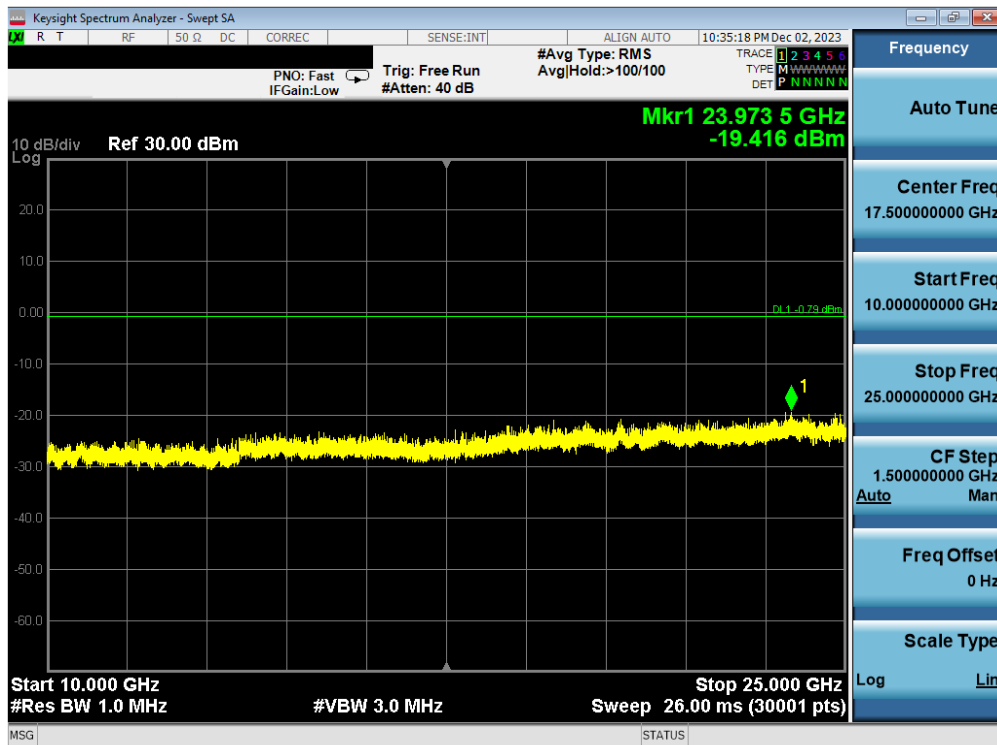


Plot 7-432. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 11)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 262 of 418

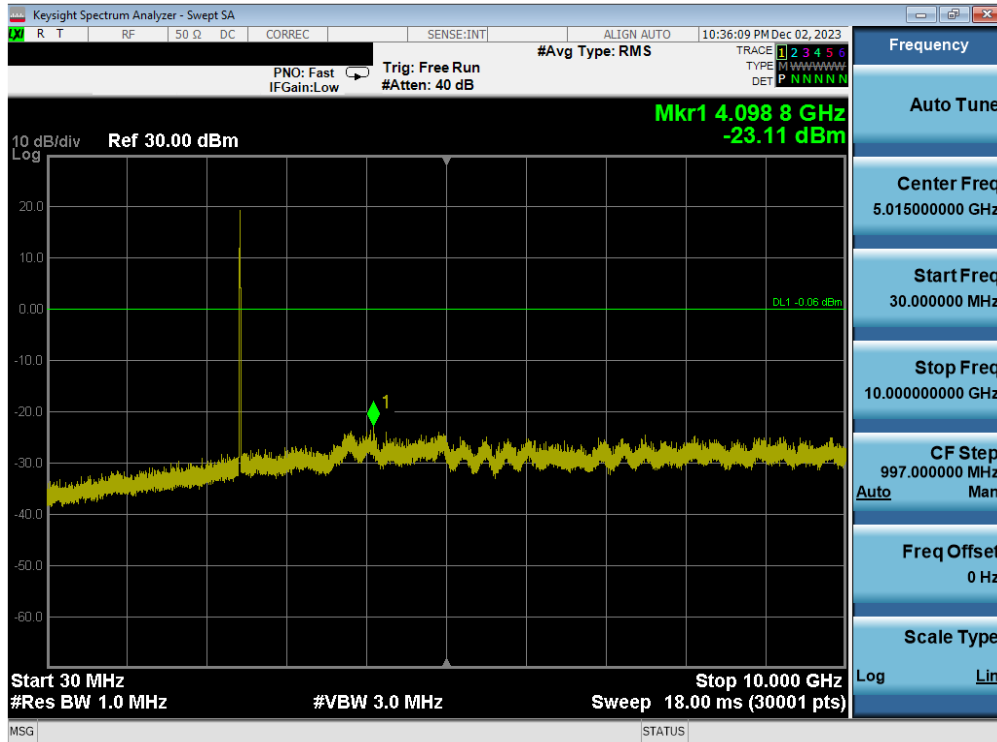


Plot 7-433. Conducted Spurious Plot Antenna 1a (802.11b – Ch. 1)

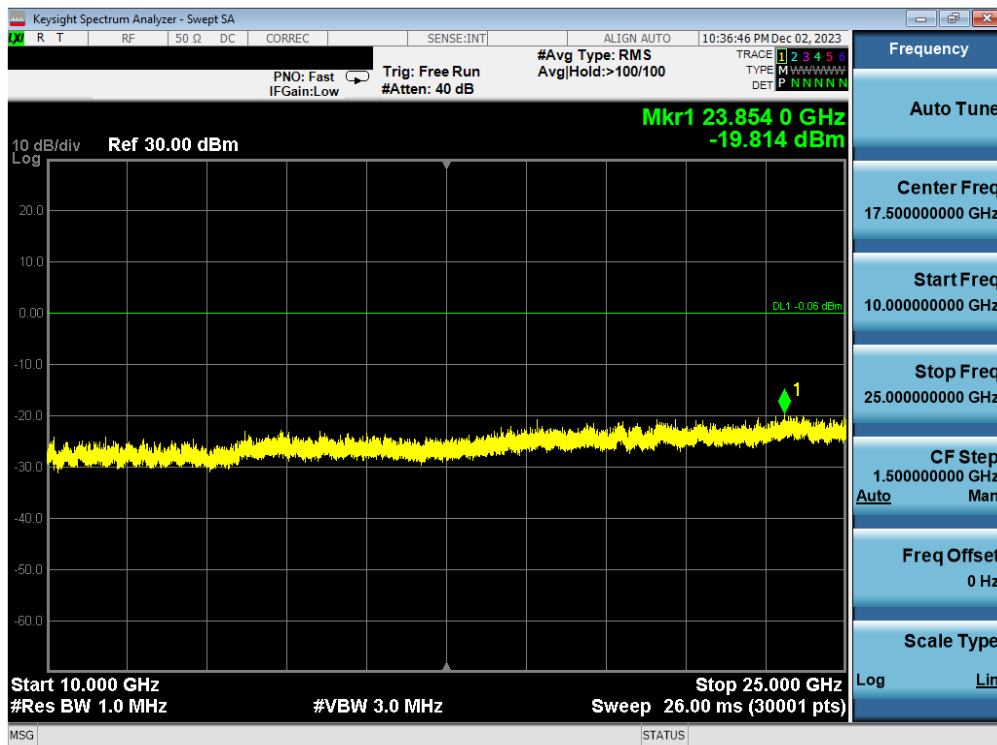


Plot 7-434. Conducted Spurious Plot Antenna 1a (802.11b – Ch. 1)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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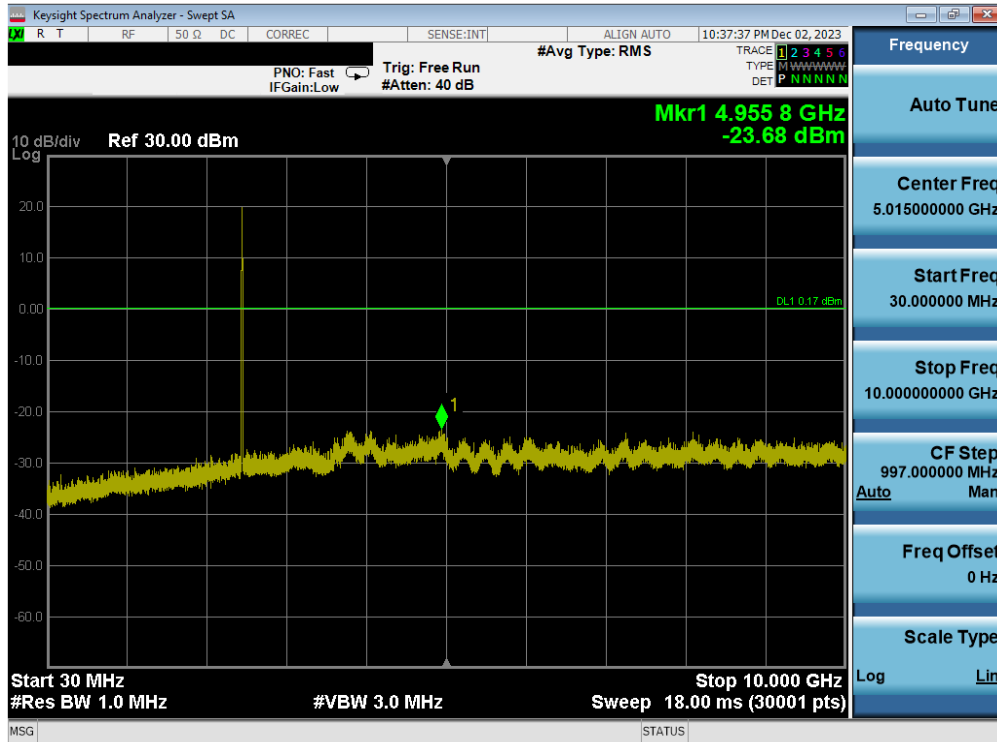


Plot 7-435. Conducted Spurious Plot Antenna 1a (802.11b – Ch. 6)

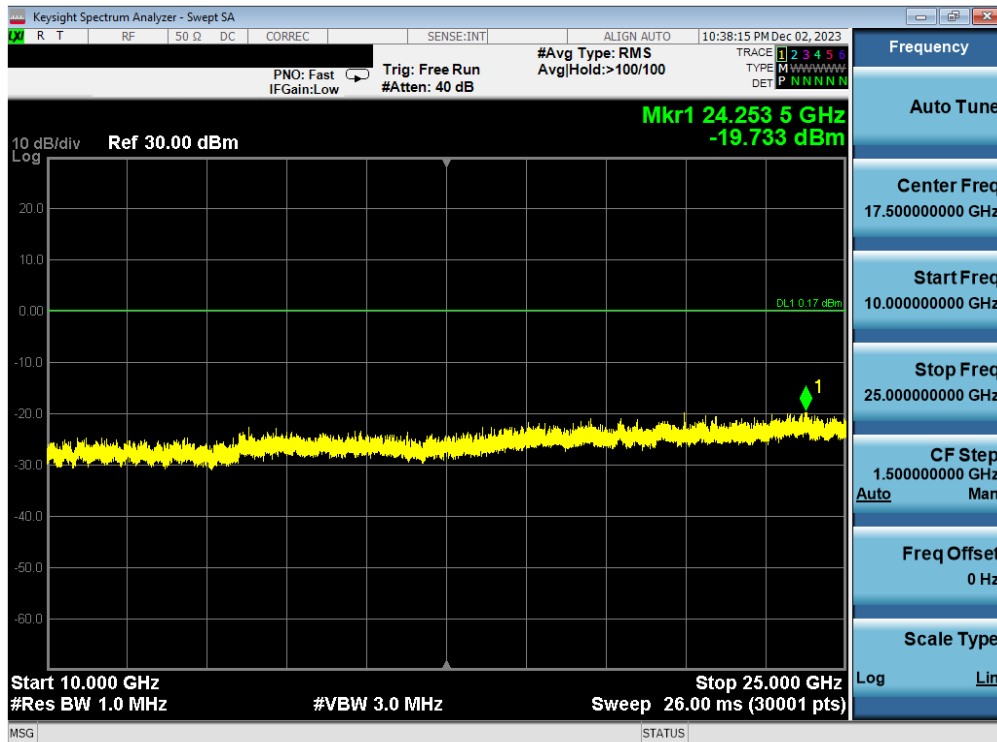


Plot 7-436. Conducted Spurious Plot Antenna 1a (802.11b – Ch. 6)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-437. Conducted Spurious Plot Antenna 1a (802.11b – Ch. 11)



Plot 7-438. Conducted Spurious Plot Antenna 1a (802.11b – Ch. 11)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 265 of 418

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 [$\mu\text{V/m}$]	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 $\geq 2 \times \text{span/RBW}$)
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
7. 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.

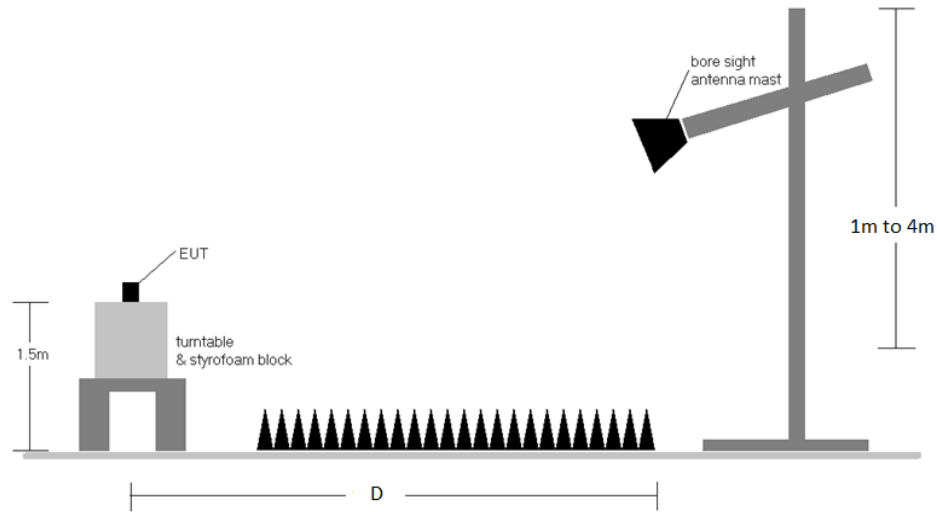


Figure 7-6. Radiated Measurement Setup

Test Notes

1. 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.
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 only the highest emission is reported.

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Sample Calculations

Determining Spurious Emissions Levels

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

Radiated Band Edge Measurement Offset

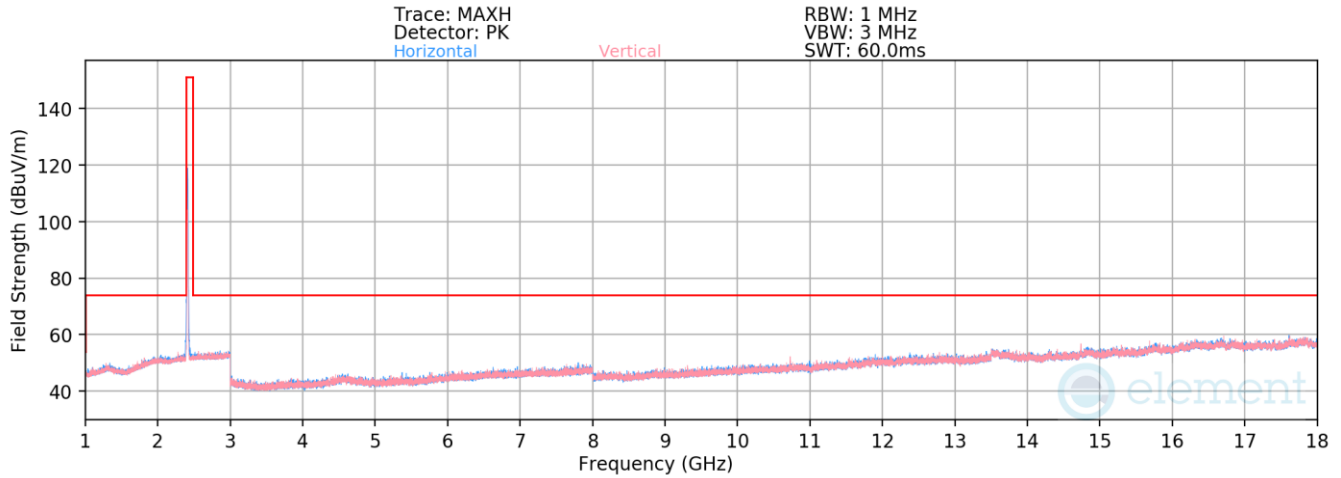
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.4, 7.7.5 and 7.7.6 was calculated using the formula:
 $\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$

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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 7-439. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11b – Ch. 1)

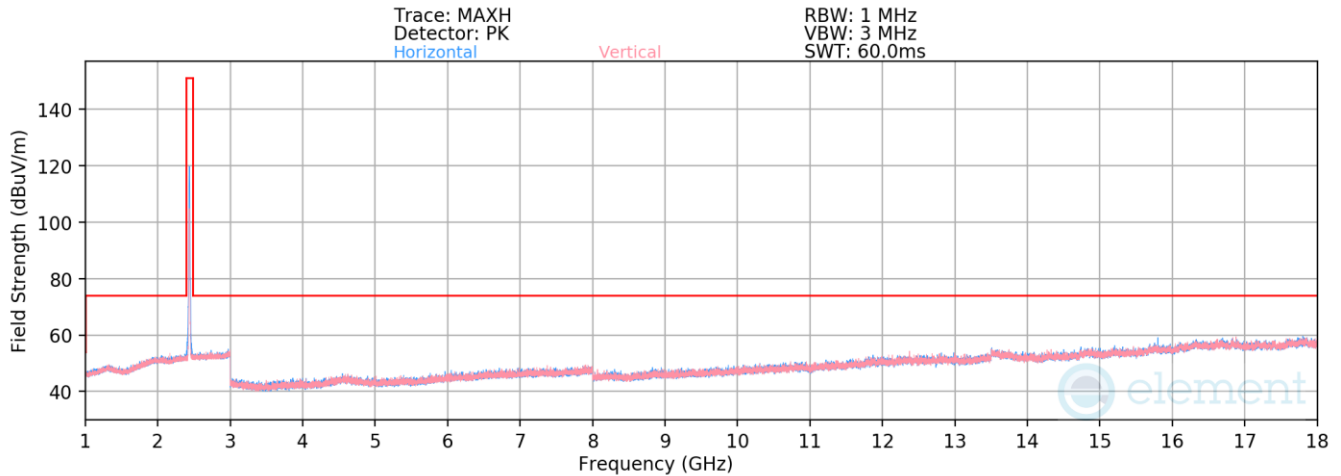
Mode: 802.11b
 Data Rate: 11Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 01

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	V	-	-	-77.88	4.19	33.31	53.98	-20.67
4824.00	Peak	V	-	-	-66.06	4.19	45.13	73.98	-28.85
12060.00	Avg	V	-	-	-79.22	12.07	39.85	53.98	-14.13
12060.00	Peak	V	-	-	-69.40	12.07	49.67	73.98	-24.31

Table 7-48. Radiated Measurements Antenna 3a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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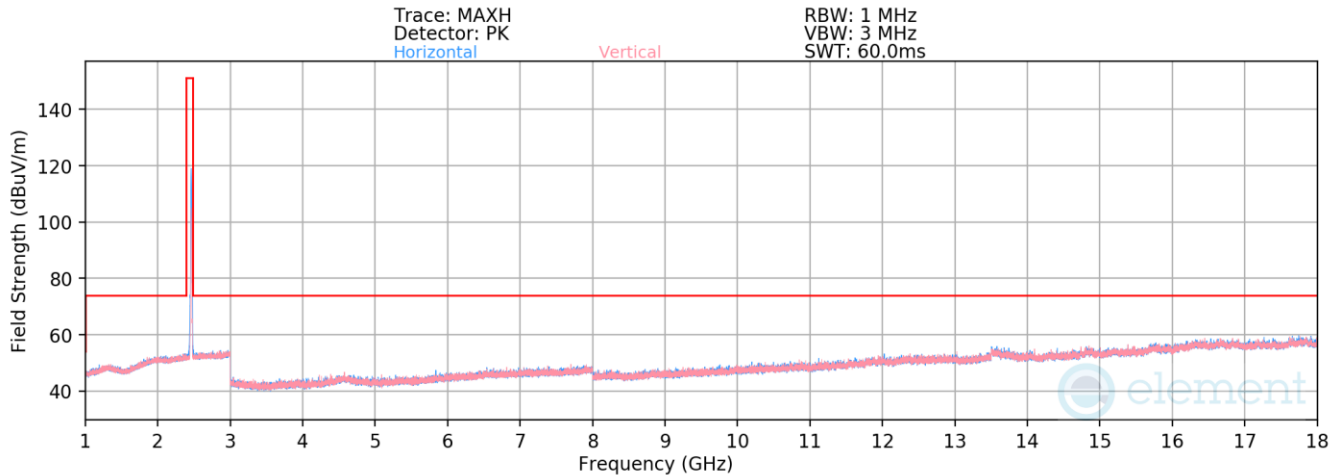
Plot 7-440. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11b – Ch. 6)

Mode: 802.11b
 Data Rate: 11Mbps
 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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4874.00	Avg	V	-	-	-77.94	4.16	33.22	53.98	-20.76
4874.00	Peak	V	-	-	-66.44	4.16	44.72	73.98	-29.26
7311.00	Avg	V	-	-	-79.03	8.77	36.74	53.98	-17.24
7311.00	Peak	V	-	-	-67.25	8.77	48.52	73.98	-25.46
12185.00	Avg	V	-	-	-79.15	12.48	40.33	53.98	-13.65
12185.00	Peak	V	-	-	-68.86	12.48	50.62	73.98	-23.36

Table 7-49. Radiated Measurements Antenna 3a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 270 of 418



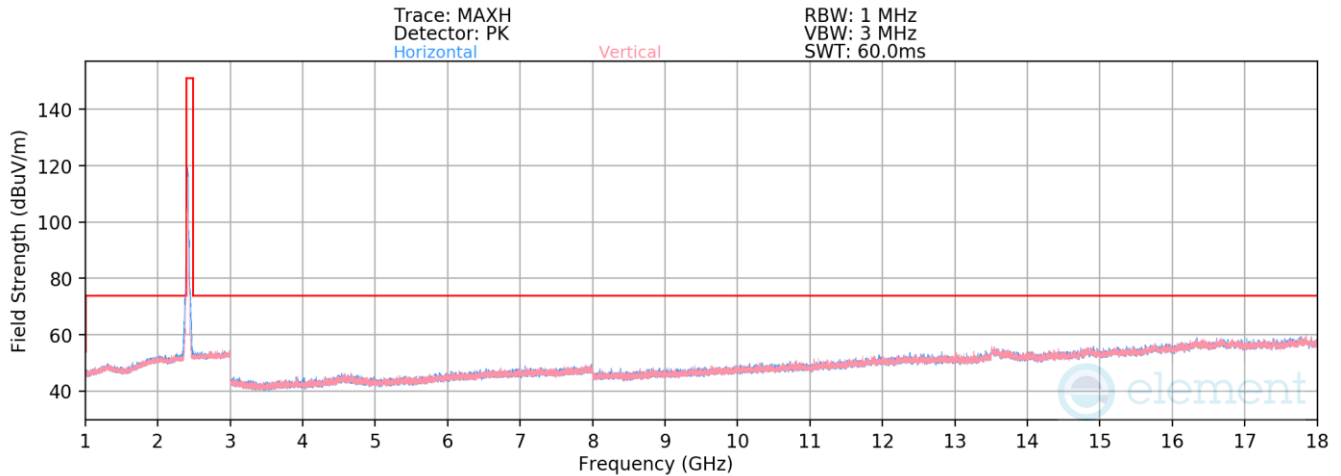
Plot 7-441. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11b – Ch. 11)

Mode: 802.11b
 Data Rate: 11Mbps
 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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4924.00	Avg	V	-	-	-78.17	4.41	33.24	53.98	-20.74
4924.00	Peak	V	-	-	-66.25	4.41	45.16	73.98	-28.82
7386.00	Avg	V	-	-	-78.83	8.67	36.84	53.98	-17.14
7386.00	Peak	V	-	-	-67.53	8.67	48.14	73.98	-25.84
12310.00	Avg	V	-	-	-78.80	12.43	40.63	53.98	-13.35
12310.00	Peak	V	-	-	-68.54	12.43	50.89	73.98	-23.09

Table 7-50. Radiated Measurements Antenna 3a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 271 of 418



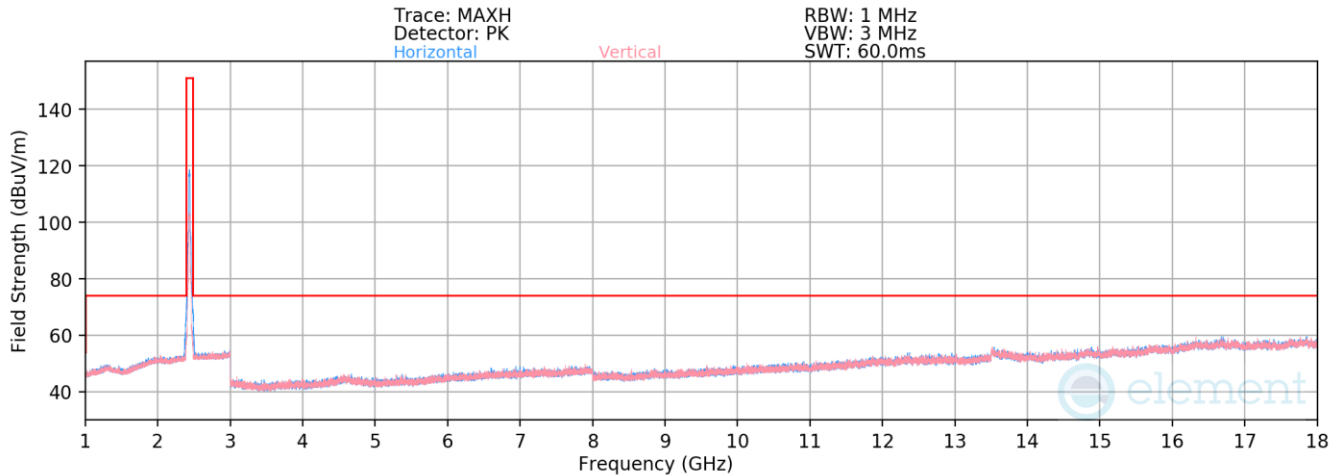
Plot 7-442. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11ax(SU) – Ch. 1)

Mode: 802.11ax(SU)
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 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	V	-	-	-77.71	4.19	33.48	53.98	-20.50
4824.00	Peak	V	-	-	-66.76	4.19	44.43	73.98	-29.55
12060.00	Avg	V	-	-	-79.32	12.07	39.75	53.98	-14.23
12060.00	Peak	V	-	-	-69.24	12.07	49.83	73.98	-24.15

Table 7-51. Radiated Measurements Antenna 3a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 272 of 418



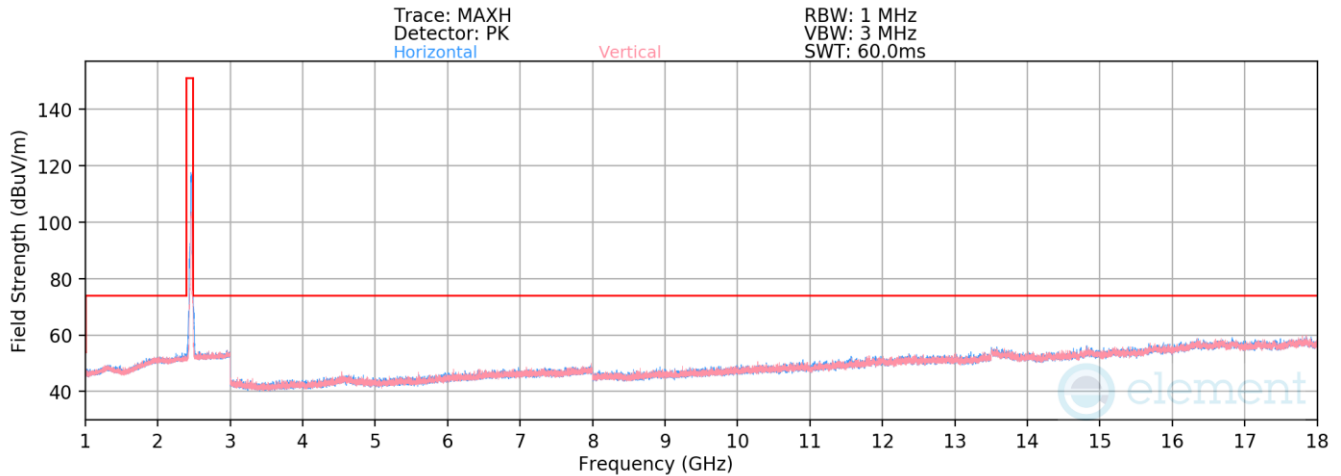
Plot 7-443. Radiated Spurious Emissions above 1GHz Antenna 3a (802.11ax(SU) – Ch. 6)

Mode: 802.11ax(SU)
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 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	V	-	-	-77.90	4.16	33.26	53.98	-20.72
4874.00	Peak	V	-	-	-66.15	4.16	45.01	73.98	-28.97
7311.00	Avg	V	-	-	-79.12	8.77	36.65	53.98	-17.33
7311.00	Peak	V	-	-	-68.03	8.77	47.74	73.98	-26.24
12185.00	Avg	V	-	-	-79.50	12.48	39.98	53.98	-14.00
12185.00	Peak	V	-	-	-69.27	12.48	50.21	73.98	-23.77

Table 7-52. Radiated Measurements Antenna 3a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 273 of 418



Plot 7-444. 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

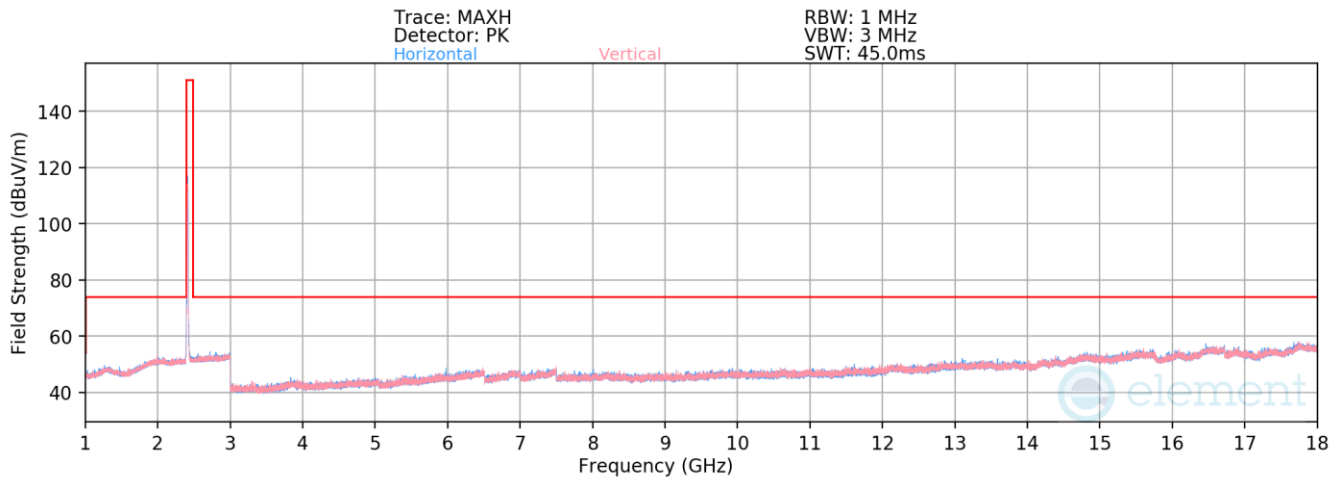
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4924.00	Avg	V	-	-	-78.17	4.41	33.24	53.98	-20.74
4924.00	Peak	V	-	-	-66.32	4.41	45.09	73.98	-28.89
7386.00	Avg	V	-	-	-78.91	8.67	36.76	53.98	-17.22
7386.00	Peak	V	-	-	-67.73	8.67	47.94	73.98	-26.04
12310.00	Avg	V	-	-	-79.32	12.43	40.11	53.98	-13.87
12310.00	Peak	V	-	-	-68.70	12.43	50.73	73.98	-23.25

Table 7-53. Radiated Measurements Antenna 3a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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 7-445. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11b – Ch. 1)

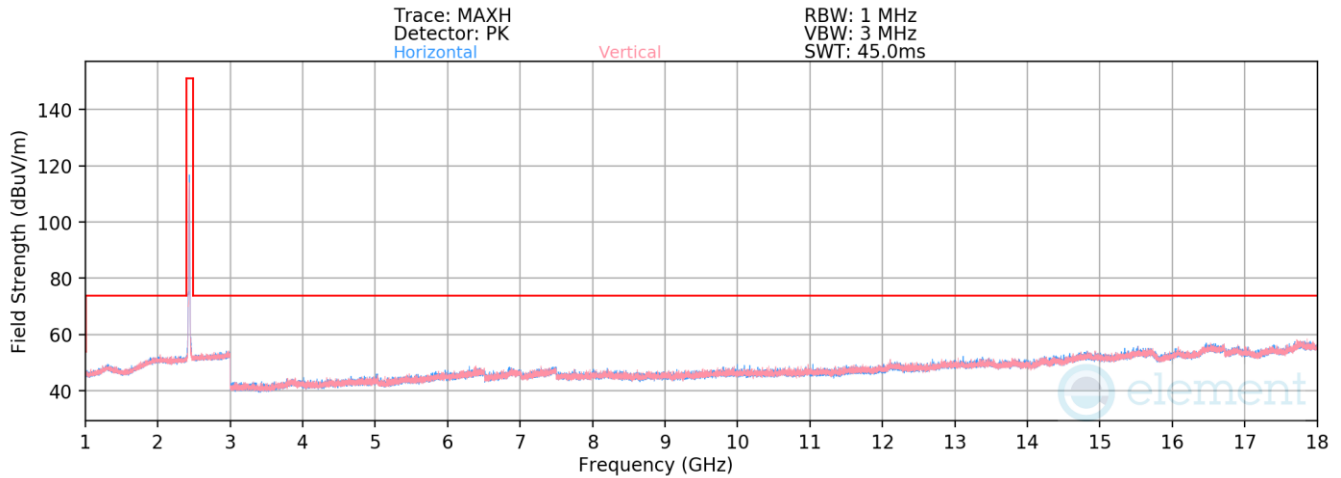
Mode: 802.11b
 Data Rate: 11Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4824.00	Avg	V	-	-	-77.79	4.19	33.40	53.98	-20.58
4824.00	Peak	V	-	-	-65.61	4.19	45.58	73.98	-28.40
12060.00	Avg	V	-	-	-79.18	12.07	39.89	53.98	-14.09
12060.00	Peak	V	-	-	-69.09	12.07	49.98	73.98	-24.00

Table 7-54. Radiated Measurements Antenna 1a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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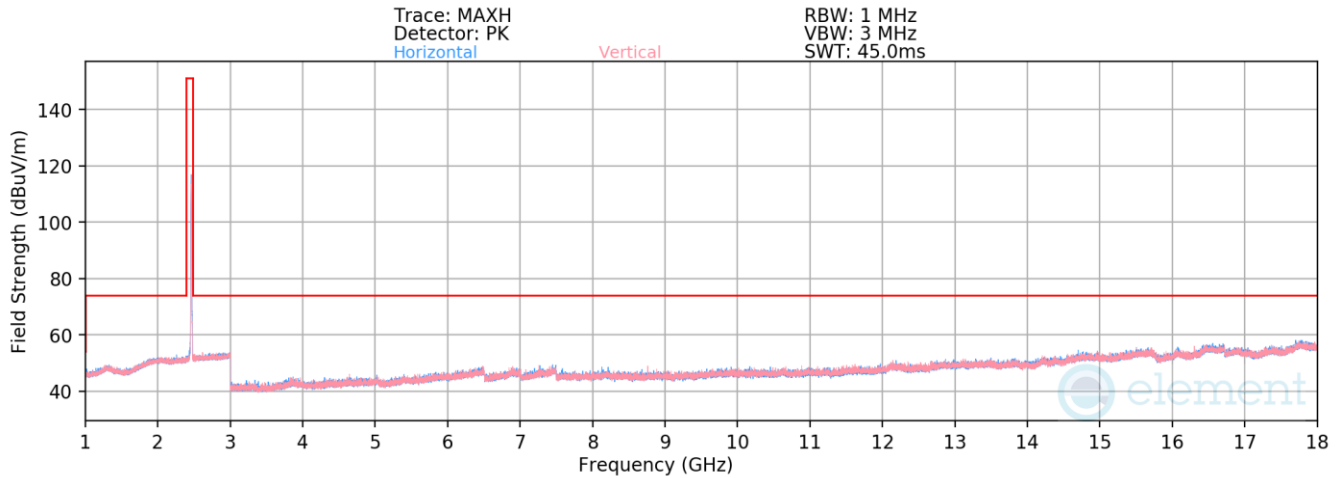
Plot 7-446. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11b – Ch. 6)

Mode: 802.11b
 Data Rate: 11Mbps
 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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4874.00	Avg	V	-	-	-78.00	4.16	33.16	53.98	-20.82
4874.00	Peak	V	-	-	-66.55	4.16	44.61	73.98	-29.37
7311.00	Avg	V	-	-	-79.08	8.77	36.69	53.98	-17.29
7311.00	Peak	V	-	-	-67.61	8.77	48.16	73.98	-25.82
12185.00	Avg	V	-	-	-79.13	12.48	40.35	53.98	-13.63
12185.00	Peak	V	-	-	-68.75	12.48	50.73	73.98	-23.25

Table 7-55. Radiated Measurements Antenna 1a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 276 of 418



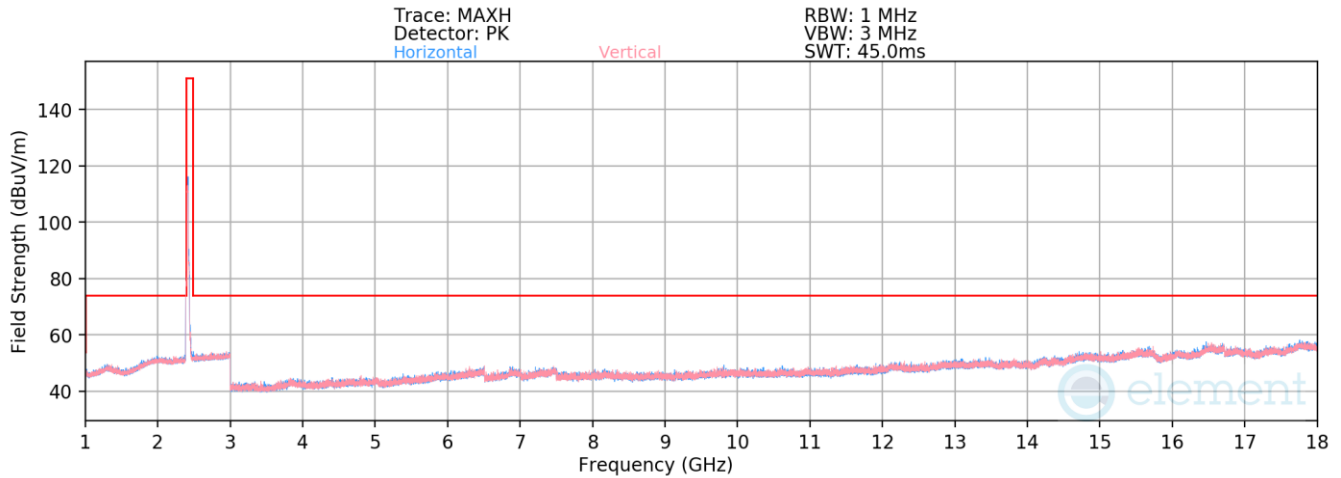
Plot 7-447. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11b – Ch. 11)

Mode: 802.11b
 Data Rate: 11Mbps
 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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4924.00	Avg	V	-	-	-77.89	4.41	33.52	53.98	-20.46
4924.00	Peak	V	-	-	-67.09	4.41	44.32	73.98	-29.66
7386.00	Avg	V	-	-	-78.77	8.67	36.90	53.98	-17.08
7386.00	Peak	V	-	-	-67.37	8.67	48.30	73.98	-25.68
12310.00	Avg	V	-	-	-78.61	12.43	40.82	53.98	-13.16
12310.00	Peak	V	-	-	-68.41	12.43	51.02	73.98	-22.96

Table 7-56. Radiated Measurements Antenna 1a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 277 of 418



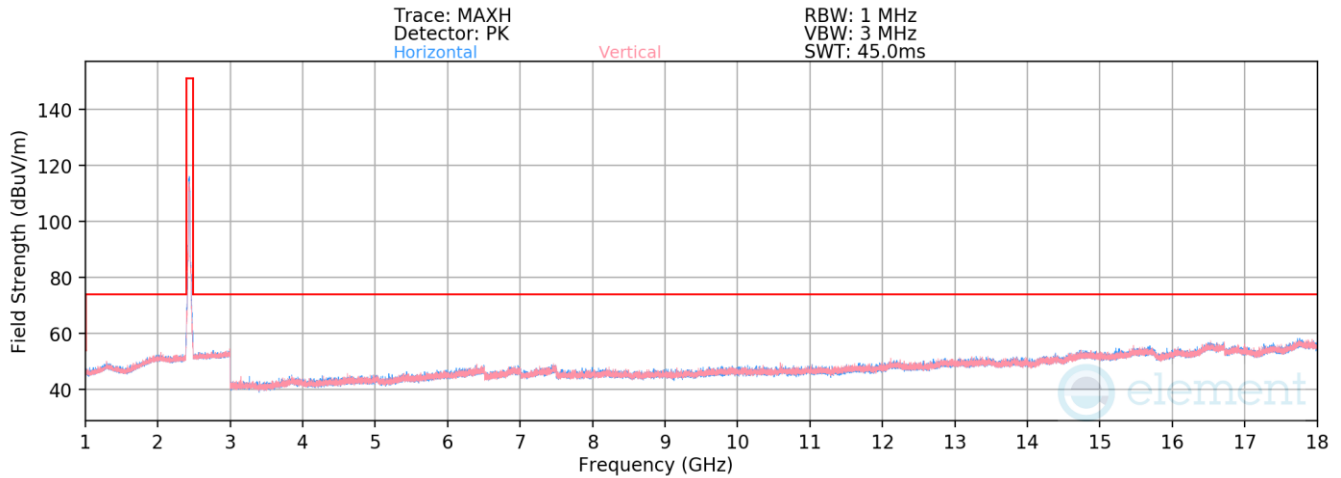
Plot 7-448. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11ax(SU) – Ch. 1)

Mode: 802.11ax(SU)
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 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	V	-	-	-77.82	4.19	33.37	53.98	-20.61
4824.00	Peak	V	-	-	-66.35	4.19	44.84	73.98	-29.14
12060.00	Avg	V	-	-	-79.41	12.07	39.66	53.98	-14.32
12060.00	Peak	V	-	-	-68.85	12.07	50.22	73.98	-23.76

Table 7-57. Radiated Measurements Antenna 1a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 278 of 418



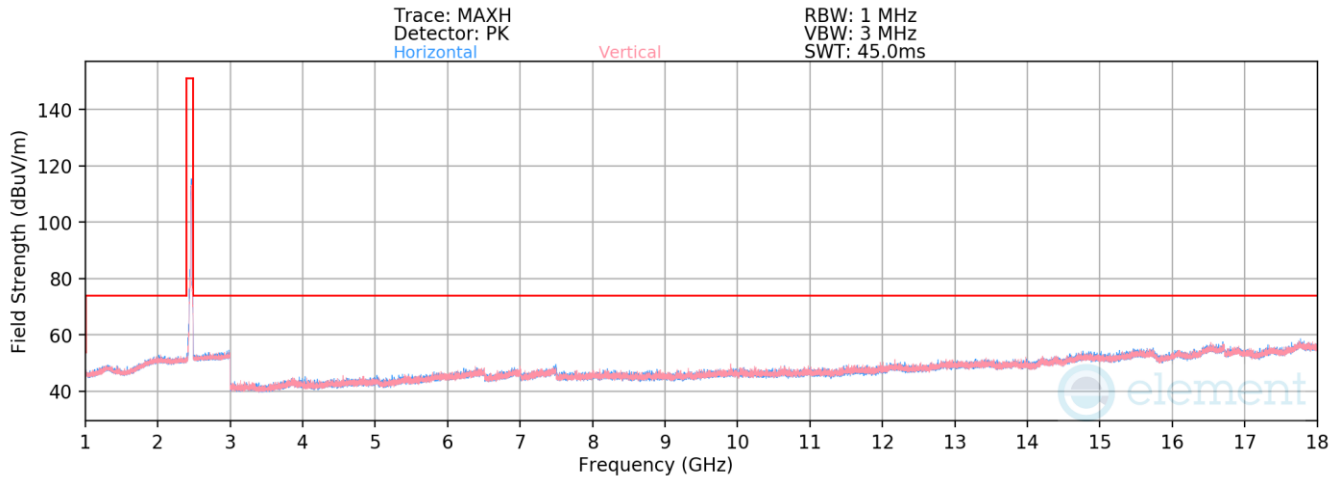
Plot 7-449. Radiated Spurious Emissions above 1GHz Antenna 1a (802.11ax(SU) – Ch. 6)

Mode: 802.11ax(SU)
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 06

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4874.00	Avg	V	-	-	-77.86	4.16	33.30	53.98	-20.68
4874.00	Peak	V	-	-	-66.65	4.16	44.51	73.98	-29.47
7311.00	Avg	V	-	-	-78.85	8.77	36.92	53.98	-17.06
7311.00	Peak	V	-	-	-67.35	8.77	48.42	73.98	-25.56
12185.00	Avg	V	-	-	-79.22	12.48	40.26	53.98	-13.72
12185.00	Peak	V	-	-	-68.99	12.48	50.49	73.98	-23.49

Table 7-58. Radiated Measurements Antenna 1a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 279 of 418



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

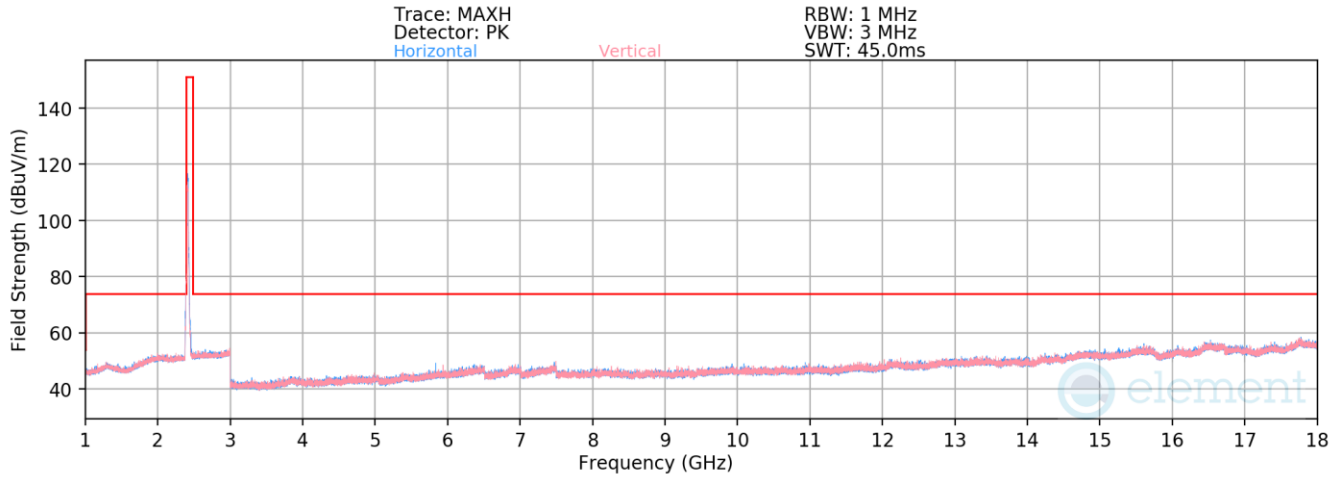
Mode: 802.11ax(SU)
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4924.00	Avg	V	-	-	-78.10	4.41	33.31	53.98	-20.67
4924.00	Peak	V	-	-	-67.12	4.41	44.29	73.98	-29.69
7386.00	Avg	V	-	-	-78.76	8.67	36.91	53.98	-17.07
7386.00	Peak	V	-	-	-66.86	8.67	48.81	73.98	-25.17
12310.00	Avg	V	-	-	-78.90	12.43	40.53	53.98	-13.45
12310.00	Peak	V	-	-	-68.10	12.43	51.33	73.98	-22.65

Table 7-59. Radiated Measurements Antenna 1a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 280 of 418

7.7.3 CDD Radiated Spurious Emission Measurements



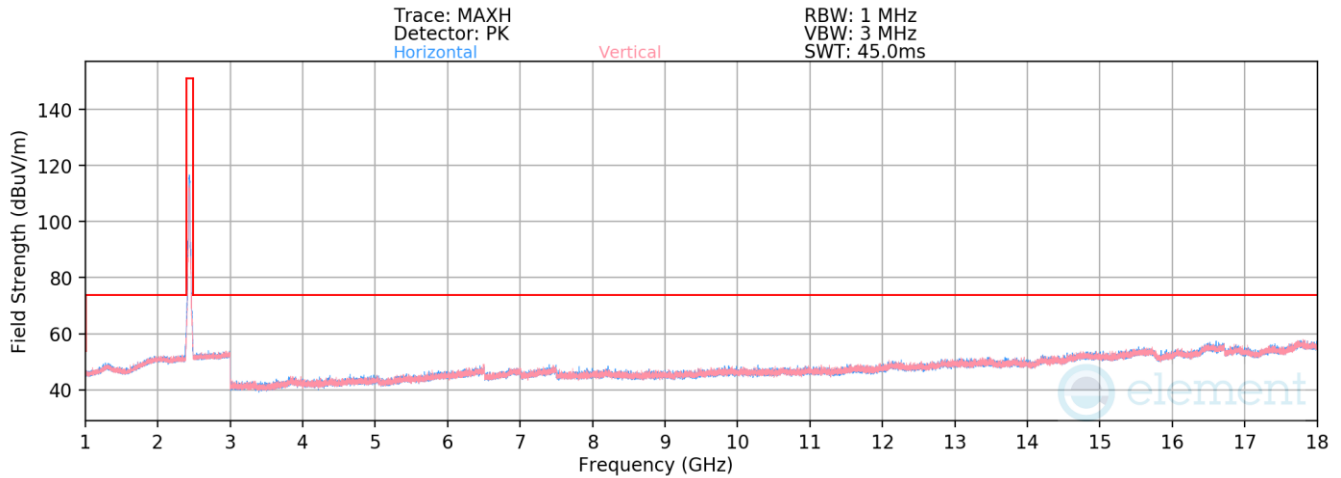
Plot 7-451. Radiated Spurious Emissions above 1GHz CDD (802.11n– Ch. 1)

Mode: 802.11n
 Data Rate: MCS8
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 01

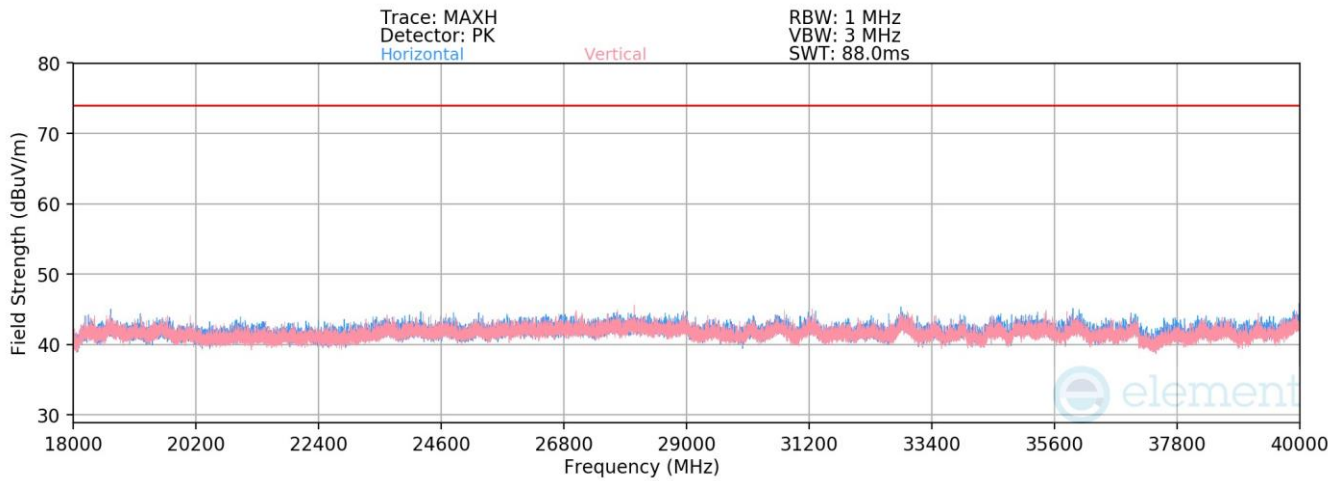
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4824.00	Avg	V	-	-	-77.67	4.19	33.52	53.98	-20.46
4824.00	Peak	V	-	-	-66.50	4.19	44.69	73.98	-29.29
12060.00	Avg	V	-	-	-79.21	12.07	39.86	53.98	-14.12
12060.00	Peak	V	-	-	-69.86	12.07	49.21	73.98	-24.77

Table 7-60. Radiated Measurements CDD

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 281 of 418



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)

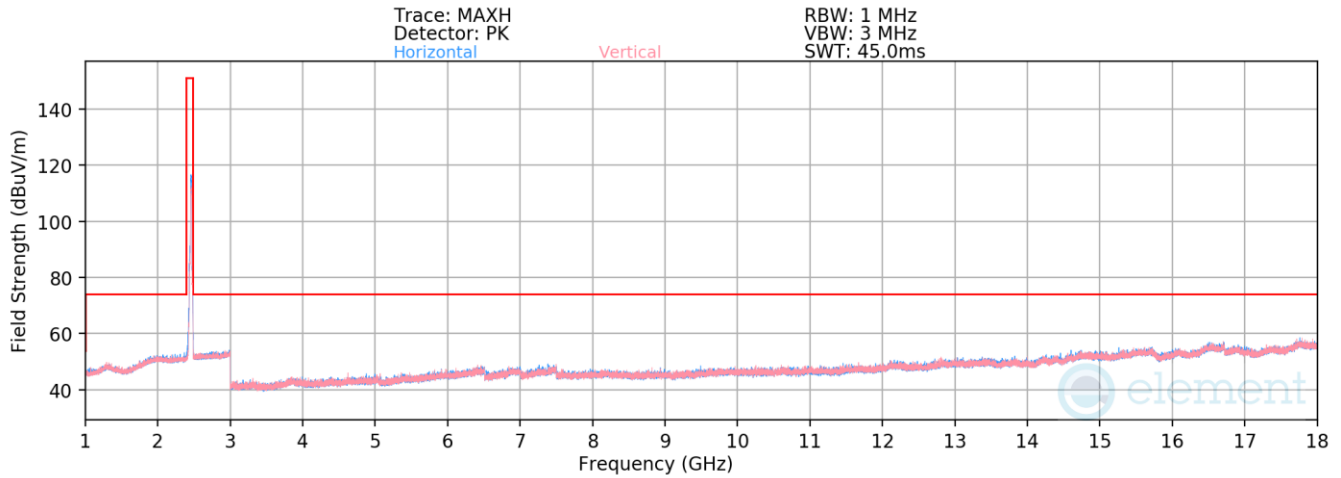
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 282 of 418

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4874.00	Avg	V	-	-	-77.87	4.16	33.29	53.98	-20.69
4874.00	Peak	V	-	-	-66.70	4.16	44.46	73.98	-29.52
7311.00	Avg	V	-	-	-78.93	8.77	36.84	53.98	-17.14
7311.00	Peak	V	-	-	-66.91	8.77	48.86	73.98	-25.12
12185.00	Avg	V	-	-	-79.17	12.48	40.31	53.98	-13.67
12185.00	Peak	V	-	-	-68.97	12.48	50.51	73.98	-23.47

Table 7-61. Radiated Measurements CDD

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 283 of 418



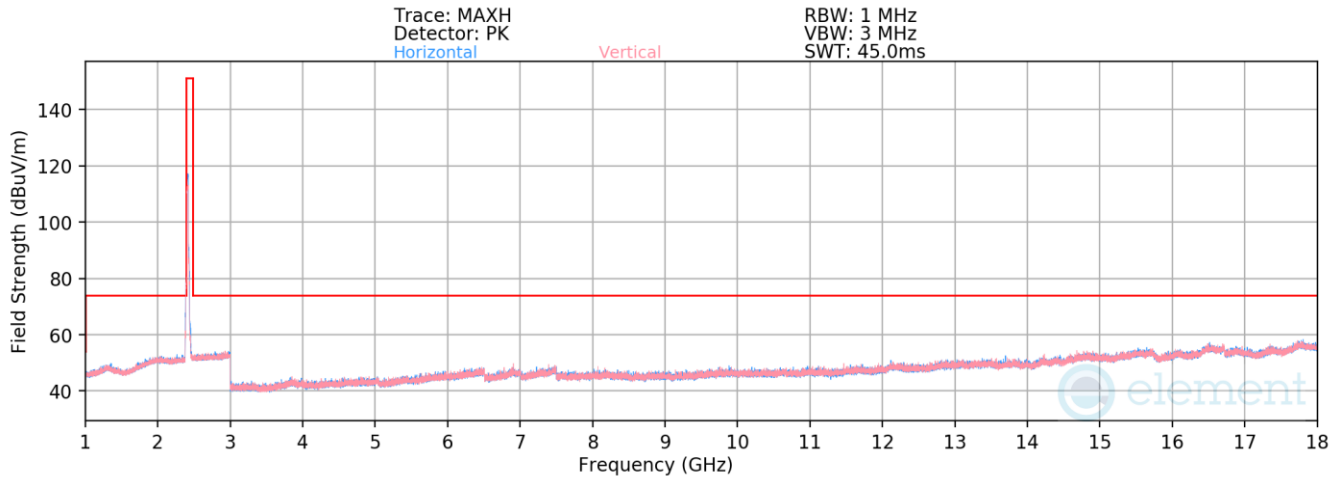
Plot 7-454. Radiated Spurious Emissions above 1GHz CDD (802.11n – Ch. 11)

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4924.00	Avg	V	-	-	-78.27	4.41	33.14	53.98	-20.84
4924.00	Peak	V	-	-	-66.28	4.41	45.13	73.98	-28.85
7386.00	Avg	V	-	-	-78.83	8.67	36.84	53.98	-17.14
7386.00	Peak	V	-	-	-67.65	8.67	48.02	73.98	-25.96
12310.00	Avg	V	-	-	-78.66	12.43	40.77	53.98	-13.21
12310.00	Peak	V	-	-	-68.21	12.43	51.22	73.98	-22.76

Table 7-62. Radiated Measurements CDD

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 284 of 418



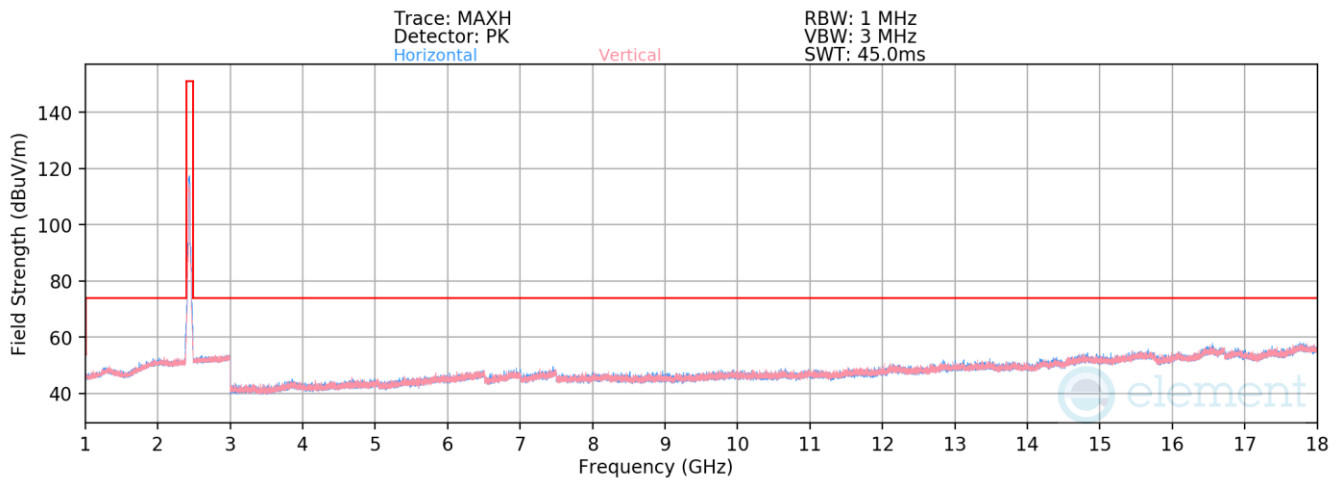
Plot 7-455. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) – Ch. 1)

Mode: 802.11ax (SU)
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 01

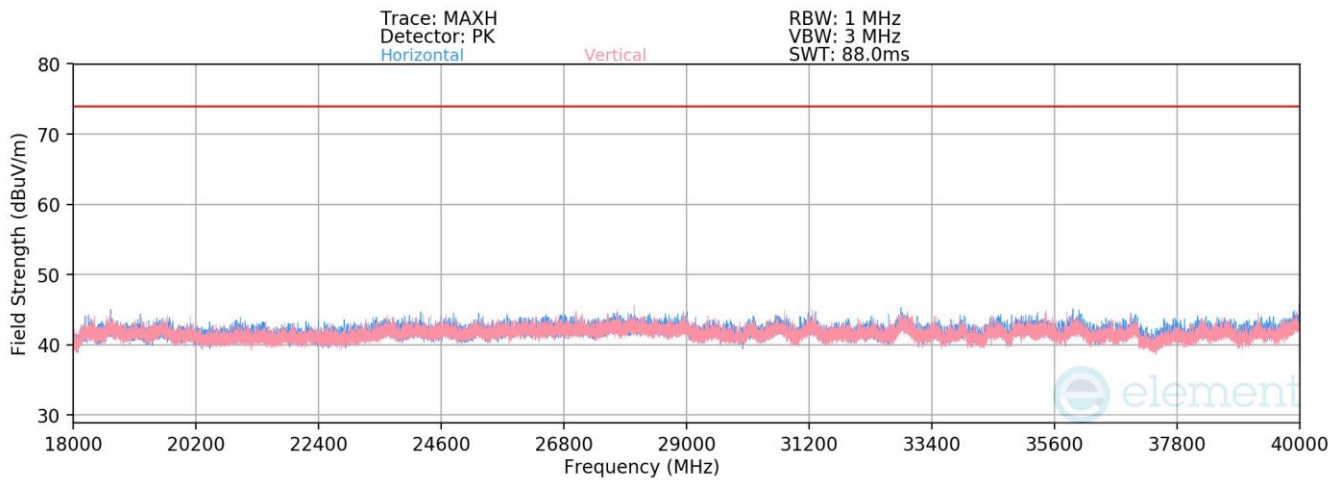
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4824.00	Avg	V	-	-	-77.76	4.19	33.43	53.98	-20.55
4824.00	Peak	V	-	-	-66.19	4.19	45.00	73.98	-28.98
12060.00	Avg	V	-	-	-79.19	12.07	39.88	53.98	-14.10
12060.00	Peak	V	-	-	-69.38	12.07	49.69	73.98	-24.29

Table 7-63. Radiated Measurements CDD

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 285 of 418



Plot 7-456. Radiated Spurious Emissions above 1GHz CDD (802.11ax (SU) – Ch. 6)



Plot 7-457. Radiated Spurious Emissions above 18GHz CDD (802.11ax (SU) – Ch.6)

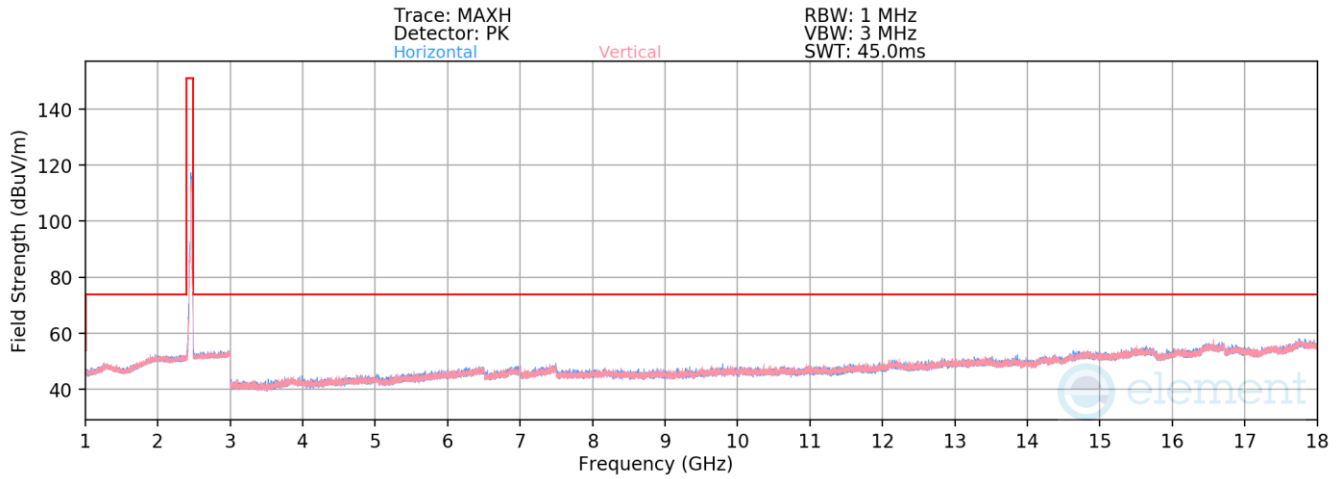
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 286 of 418

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	V	-	-	-77.91	4.16	33.25	53.98	-20.73
4874.00	Peak	V	-	-	-66.07	4.16	45.09	73.98	-28.89
7311.00	Avg	V	-	-	-79.06	8.77	36.71	53.98	-17.27
7311.00	Peak	V	-	-	-67.69	8.77	48.08	73.98	-25.90
12185.00	Avg	V	-	-	-79.13	12.48	40.35	53.98	-13.63
12185.00	Peak	V	-	-	-68.63	12.48	50.85	73.98	-23.13

Table 7-64. Radiated Measurements CDD

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 287 of 418



Plot 7-458. 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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
4924.00	Avg	V	-	-	-78.08	4.41	33.33	53.98	-20.65
4924.00	Peak	V	-	-	-66.87	4.41	44.54	73.98	-29.44
7386.00	Avg	V	-	-	-78.85	8.67	36.82	53.98	-17.16
7386.00	Peak	V	-	-	-67.13	8.67	48.54	73.98	-25.44
12310.00	Avg	V	-	-	-78.76	12.43	40.67	53.98	-13.31
12310.00	Peak	V	-	-	-68.32	12.43	51.11	73.98	-22.87

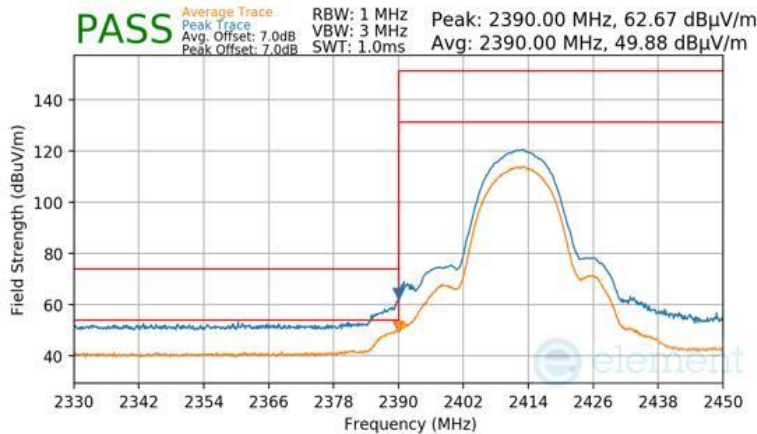
Table 7-65. Radiated Measurements CDD

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 288 of 418

7.7.4 Antenna 3a Radiated Restricted Band Edge Measurements

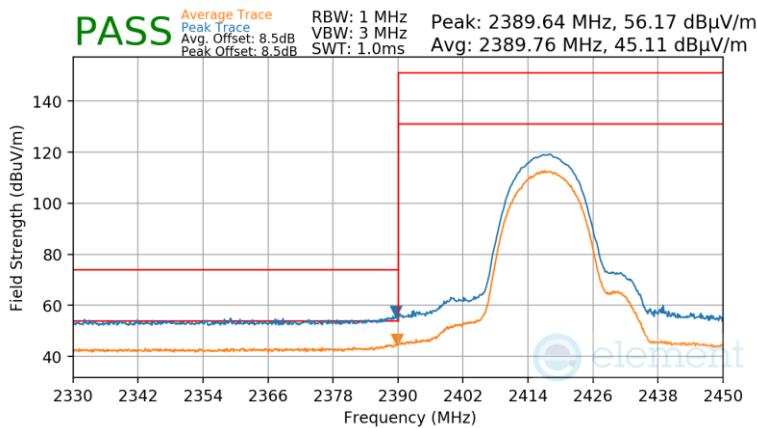
§15.205 §15.209; RSS-Gen [8.9]

Mode	802.11b
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



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

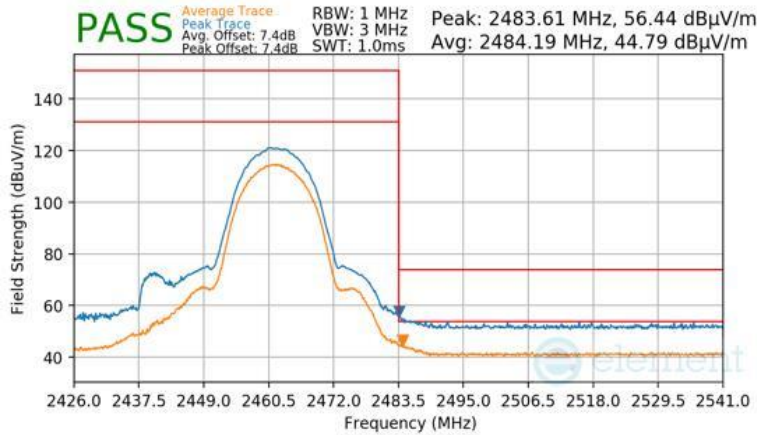
Mode	802.11b
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



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

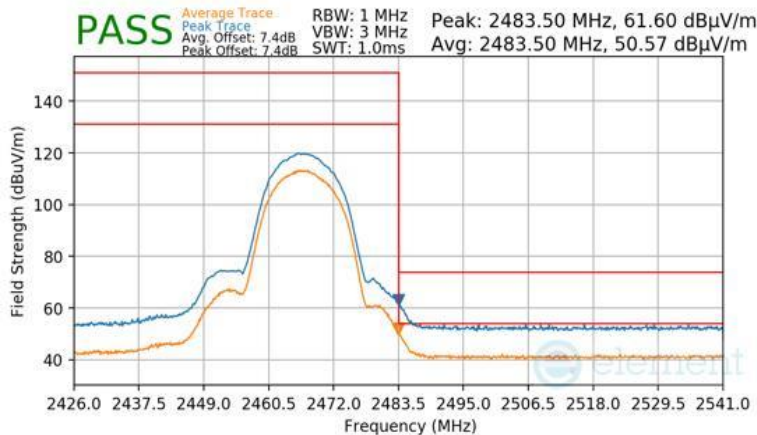
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 289 of 418

Mode	802.11b
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	2462MHz
Channel	11



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

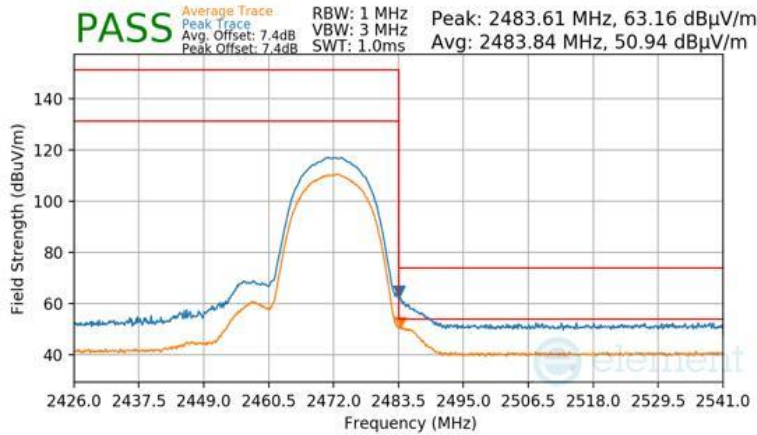
Mode	802.11b
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	2467MHz
Channel	12



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

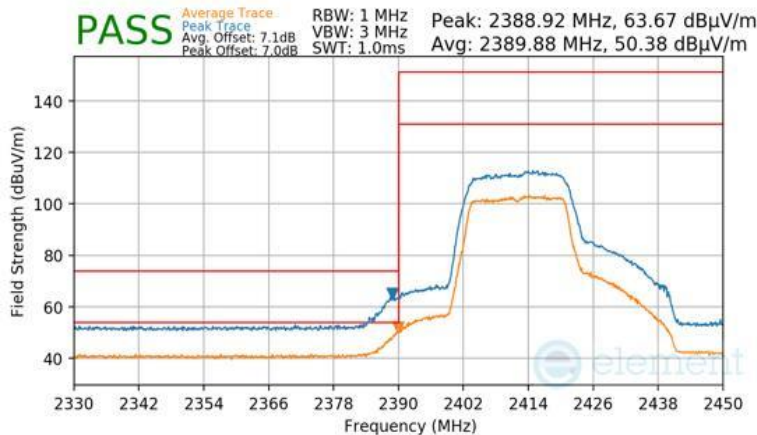
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 290 of 418

Mode	802.11b
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	2472MHz
Channel	13



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

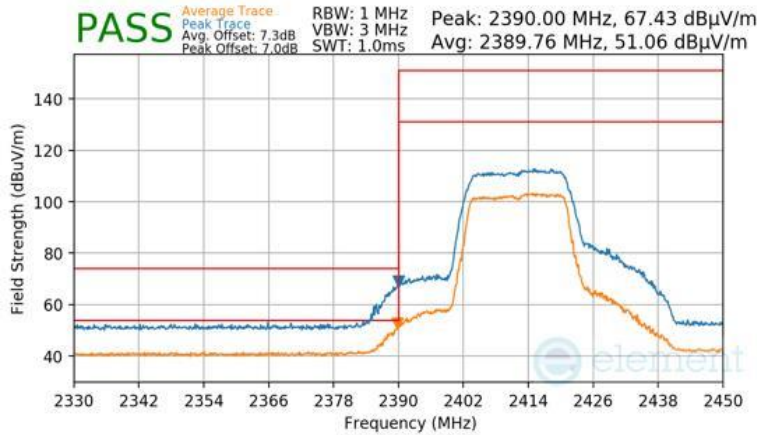
Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



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

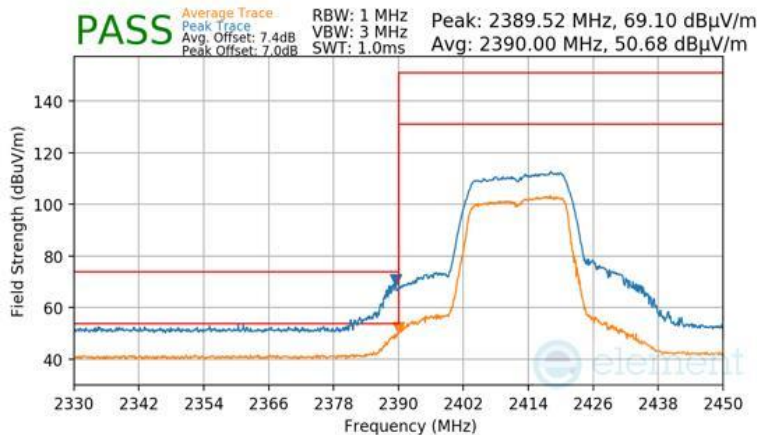
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 291 of 418

Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



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

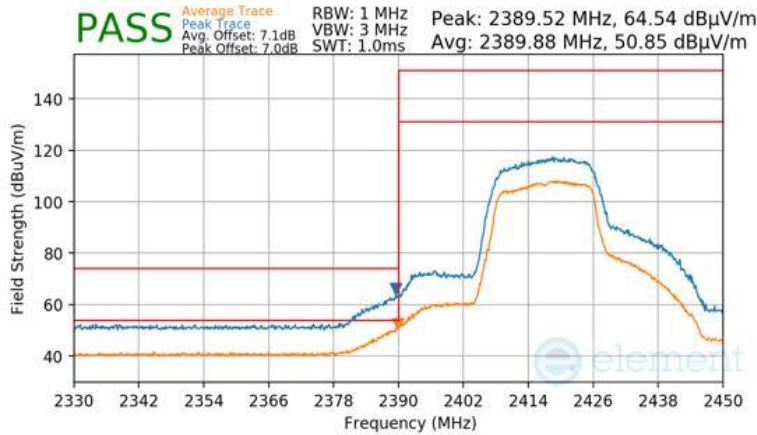
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



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

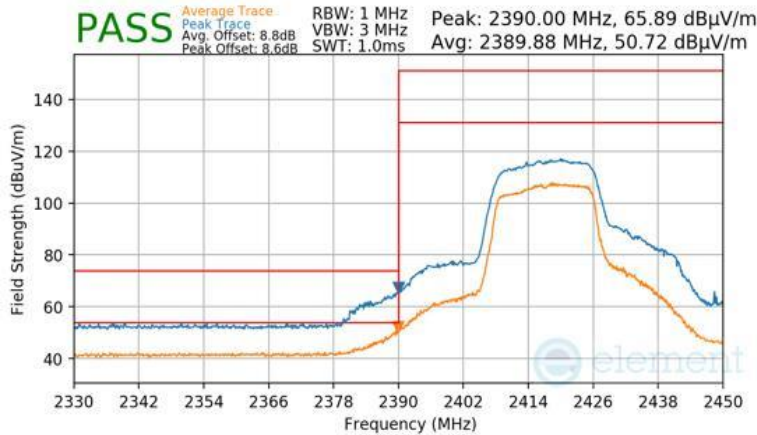
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 292 of 418

Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



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

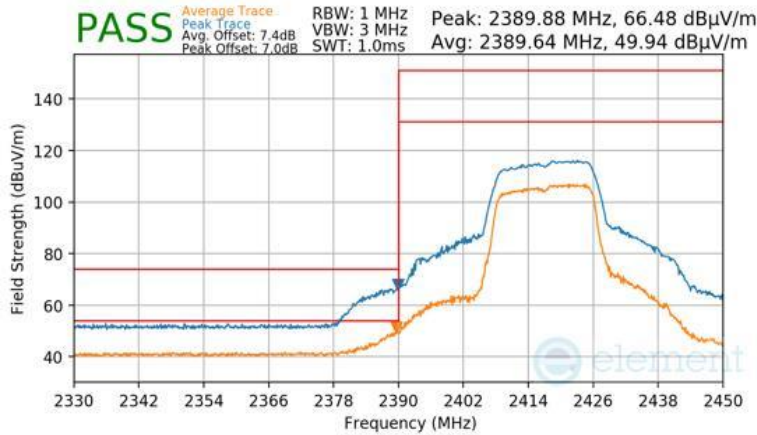
Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



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

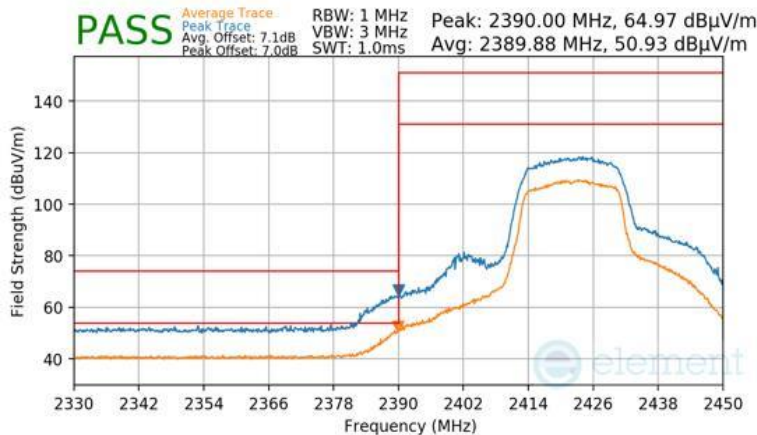
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 293 of 418

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



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

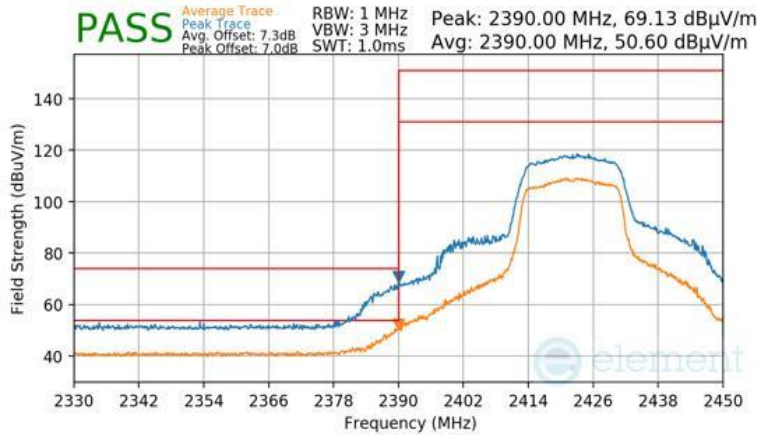
Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3



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

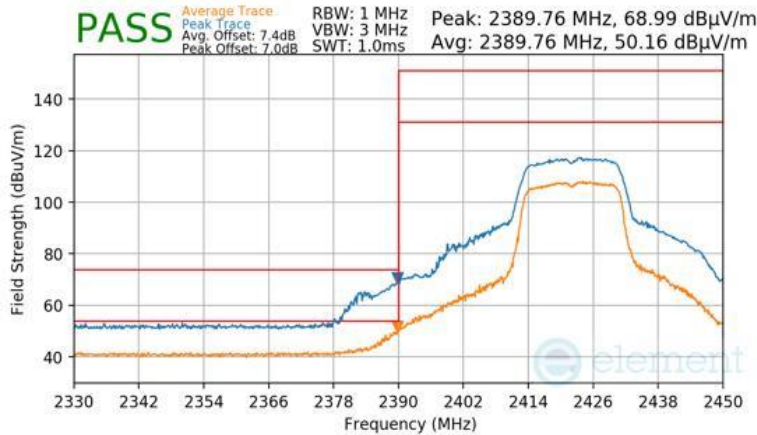
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 294 of 418

Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3



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

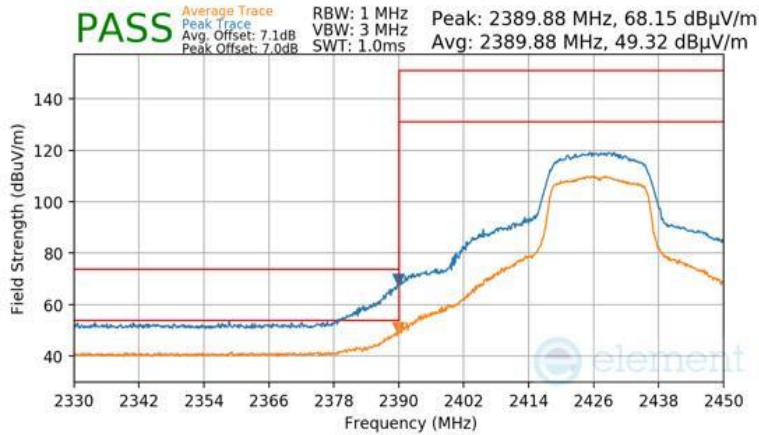
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3



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

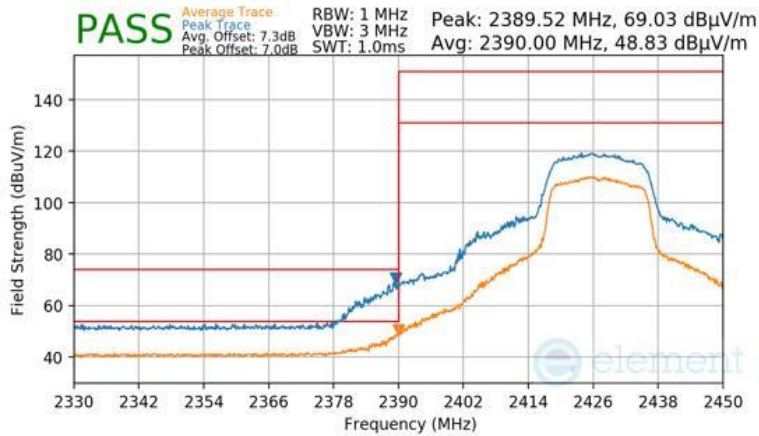
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 295 of 418

Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



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

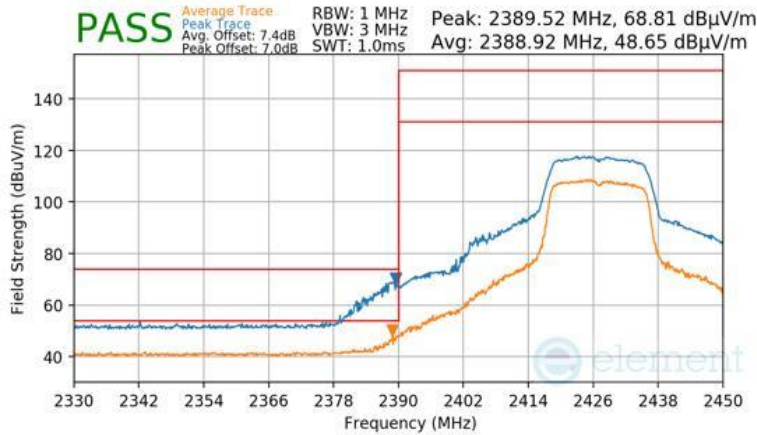
Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



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

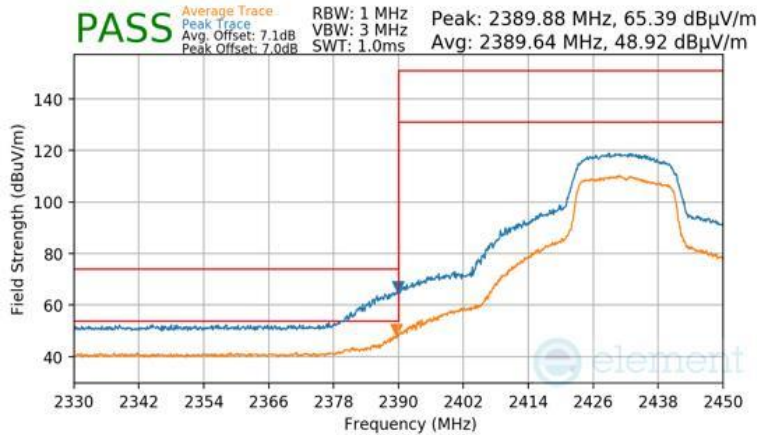
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 296 of 418

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



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

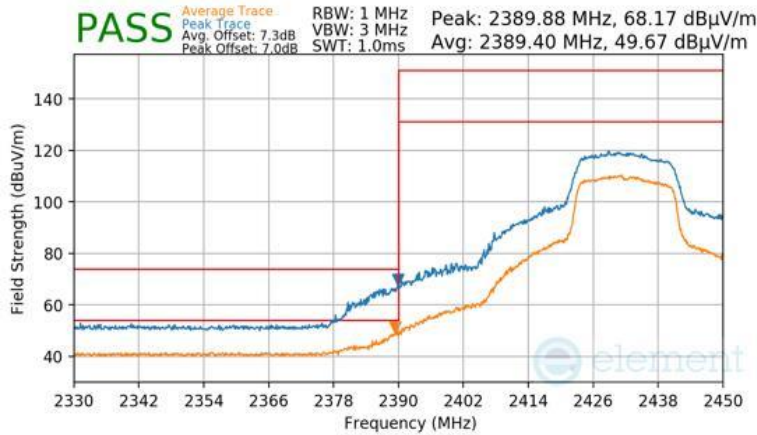
Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



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

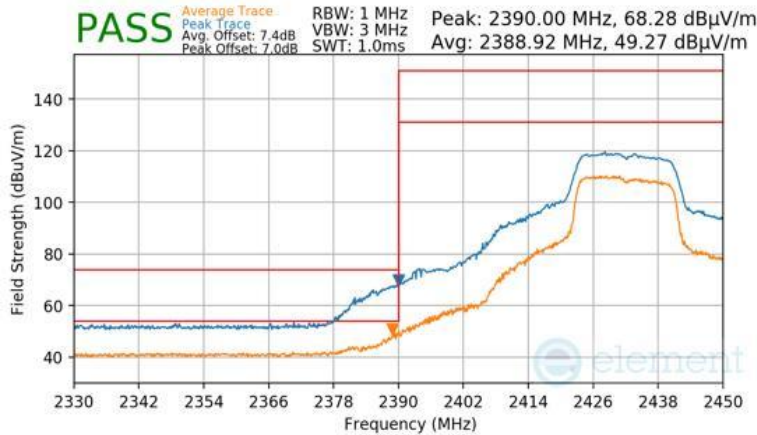
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 297 of 418

Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



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

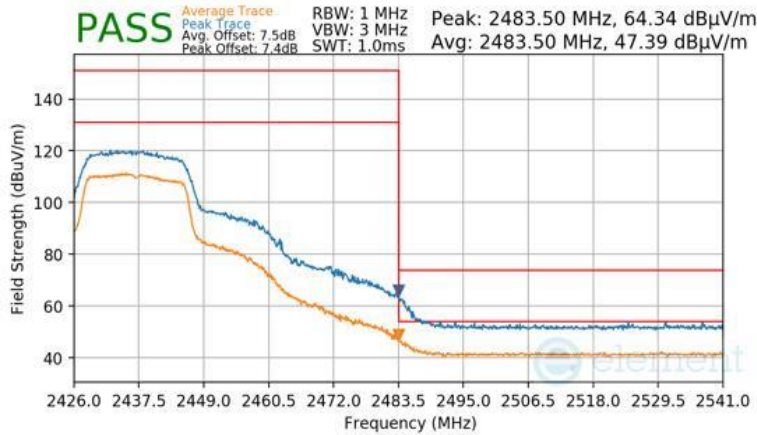
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



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

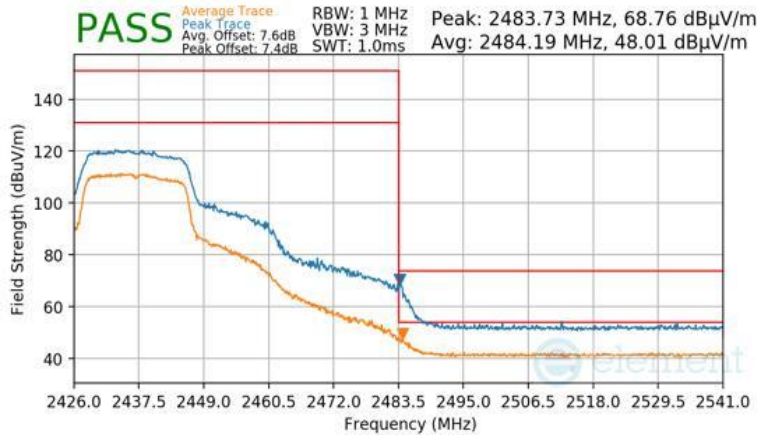
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 298 of 418

Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



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

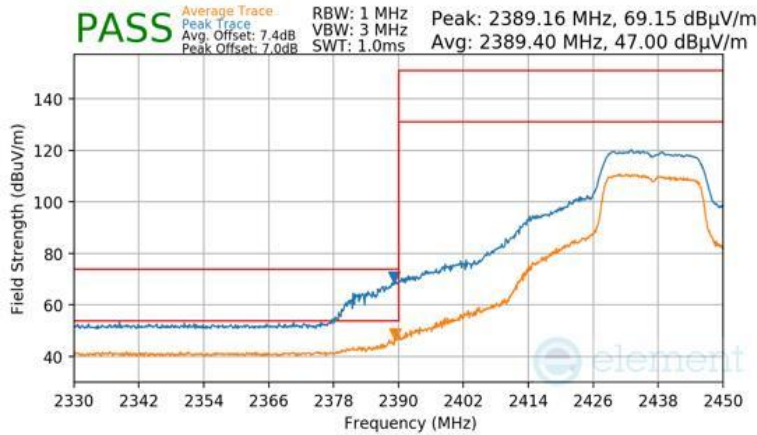
Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



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

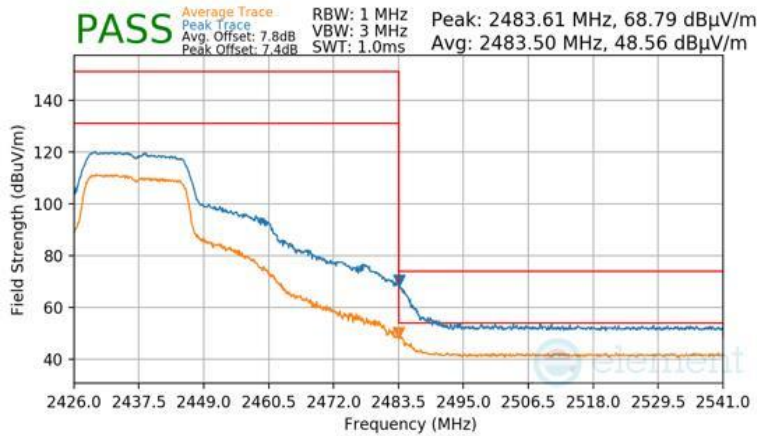
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 299 of 418

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



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

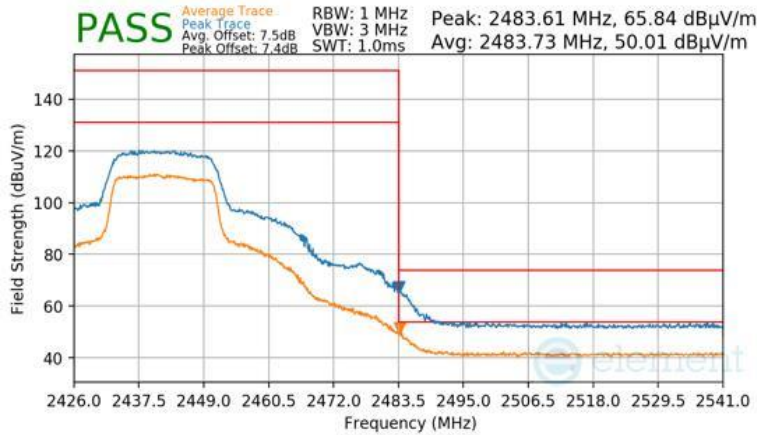
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



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

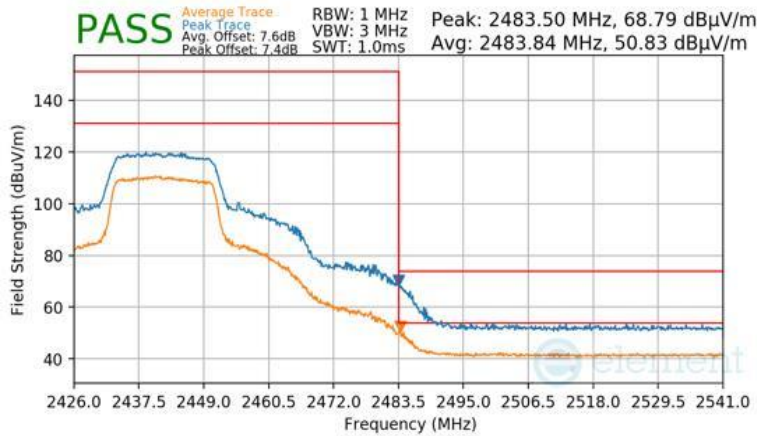
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 300 of 418

Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



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

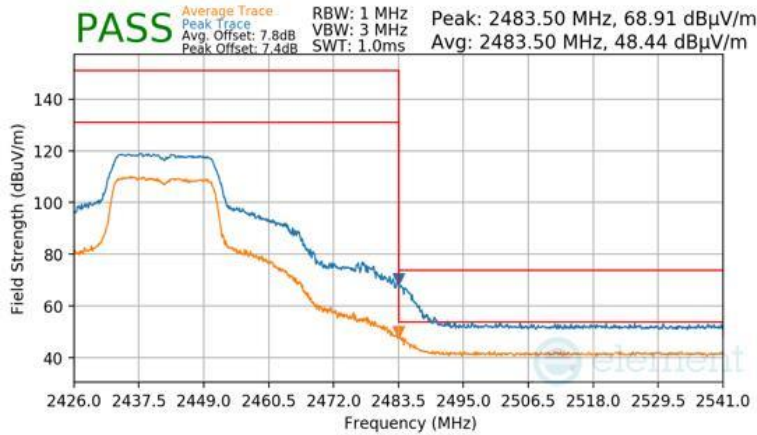
Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



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

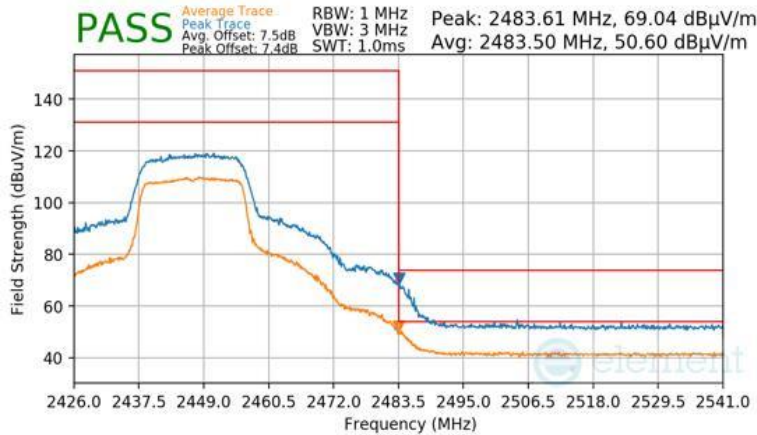
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 301 of 418

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



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

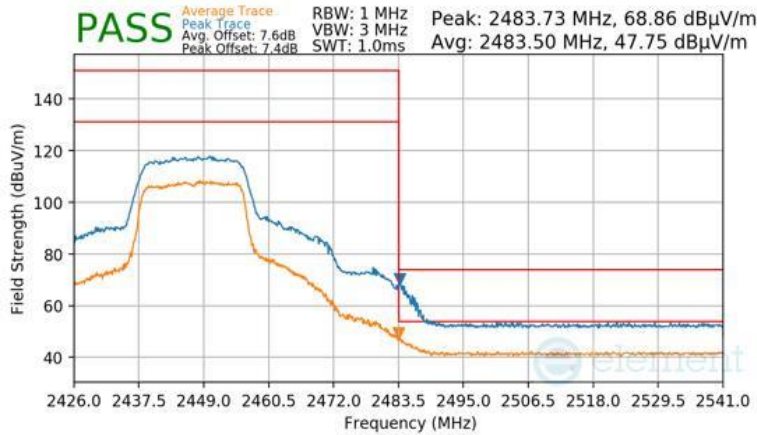
Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



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

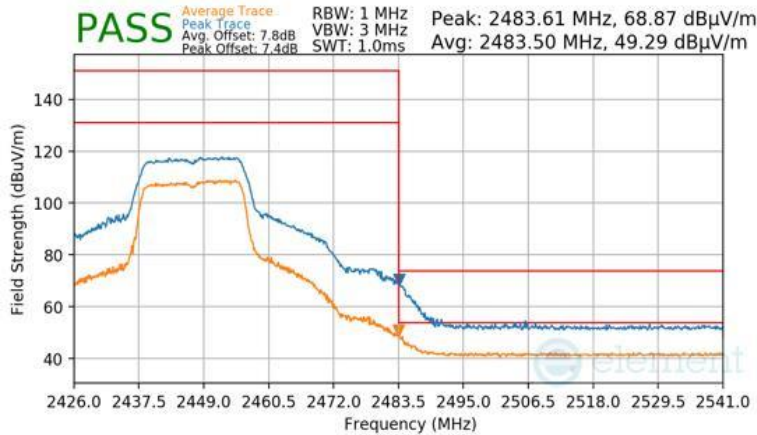
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 302 of 418

Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



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

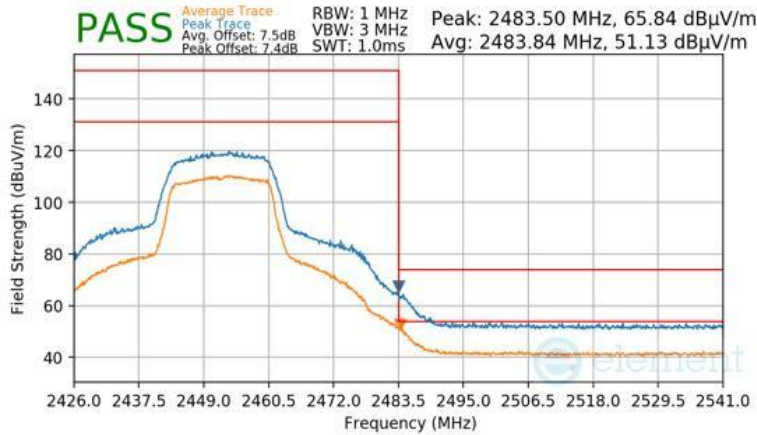
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



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

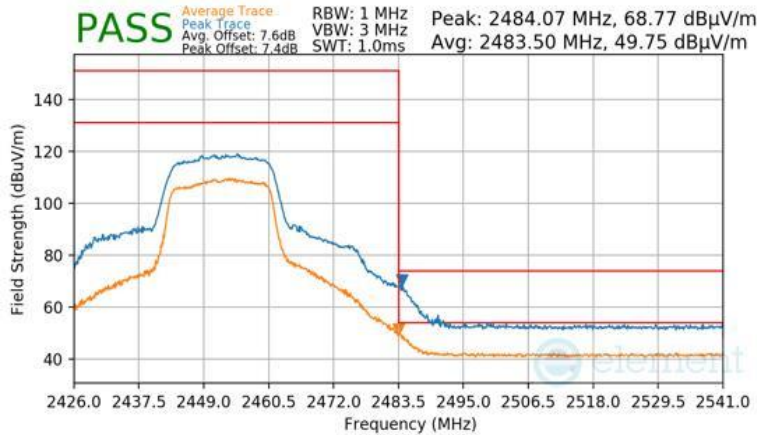
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 303 of 418

Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



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

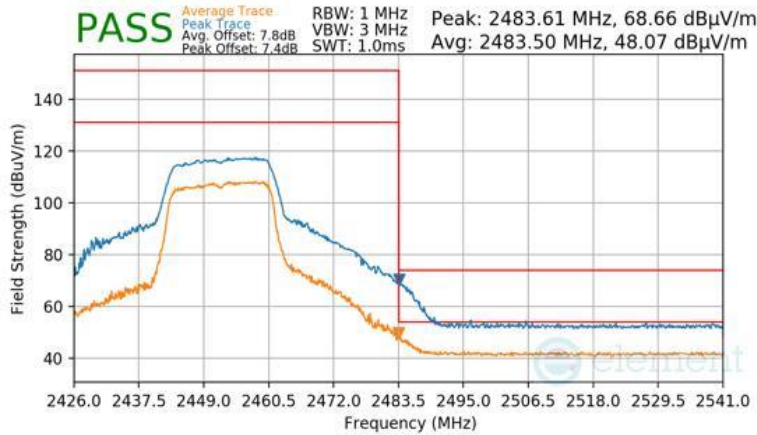
Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



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

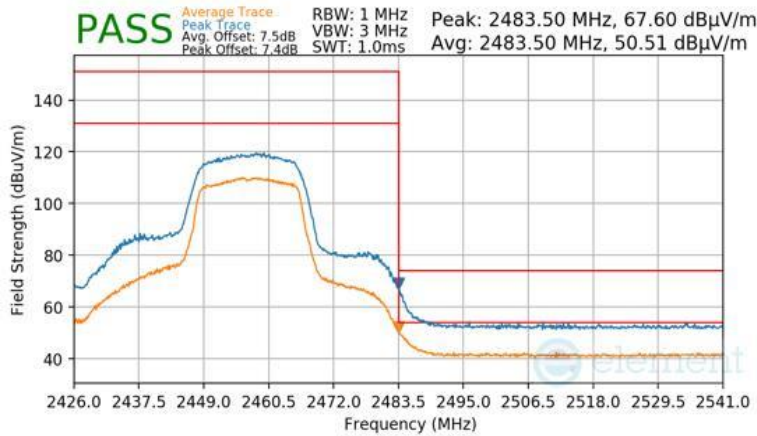
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 304 of 418

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



Plot 7-491 Radiated Restricted Upper Band Edge Measurement Antenna 3a

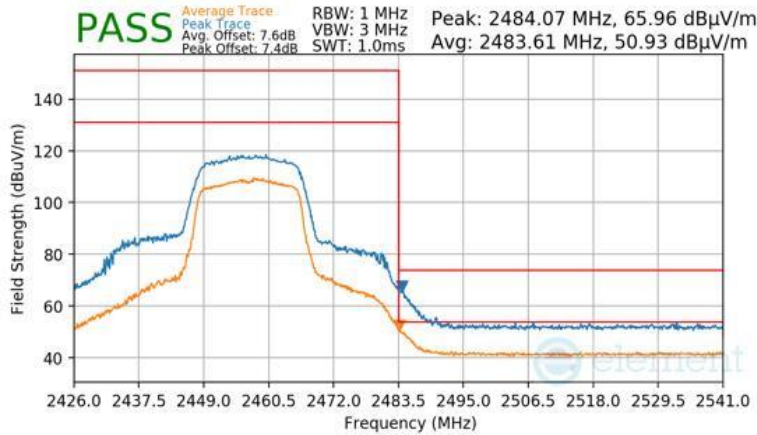
Mode	802.11n
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



Plot 7-492 Radiated Restricted Upper Band Edge Measurement Antenna 3a

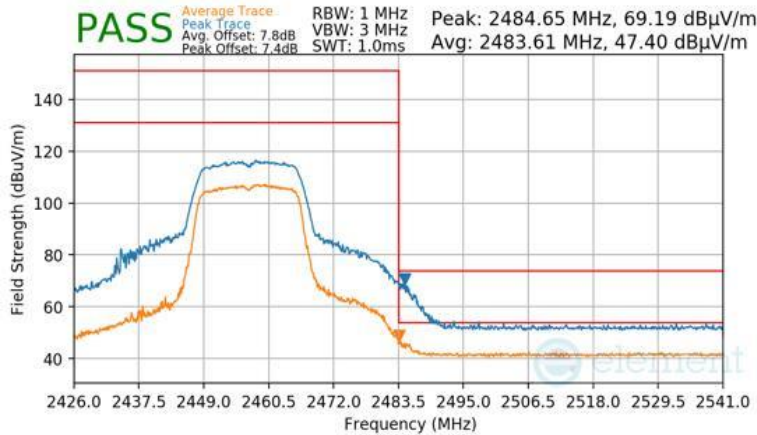
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 305 of 418

Mode	802.11n
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



Plot 7-493 Radiated Restricted Upper Band Edge Measurement Antenna 3a

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



Plot 7-494 Radiated Restricted Upper Band Edge Measurement Antenna 3a

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-16-R1.BCG	Test Dates: 11/28/2023 - 2/15/2024	EUT Type: Tablet Device	Page 306 of 418