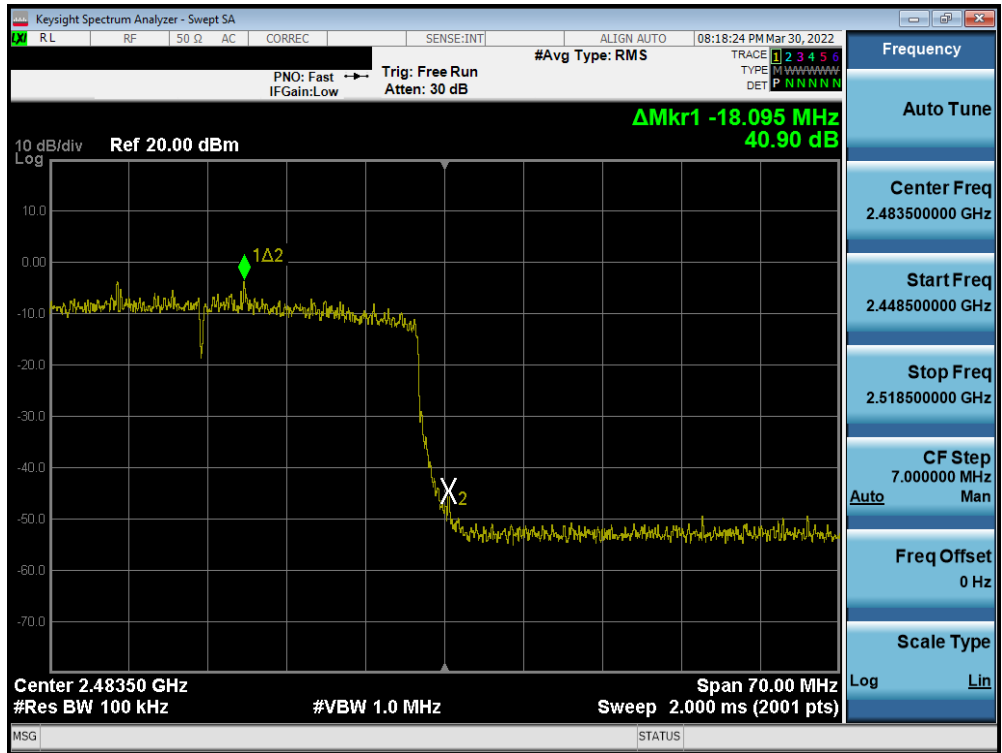


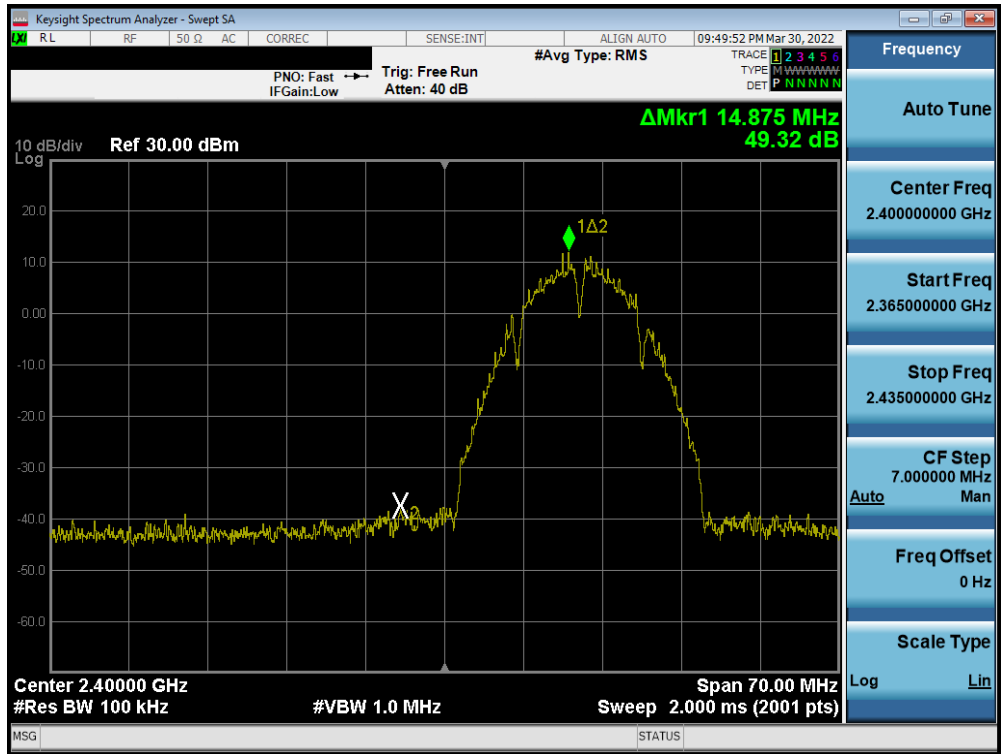
Plot 7-111. Band Edge Plot SISO ANT1 (802.11ax 40MHz (2.4GHz) – Ch. 10)



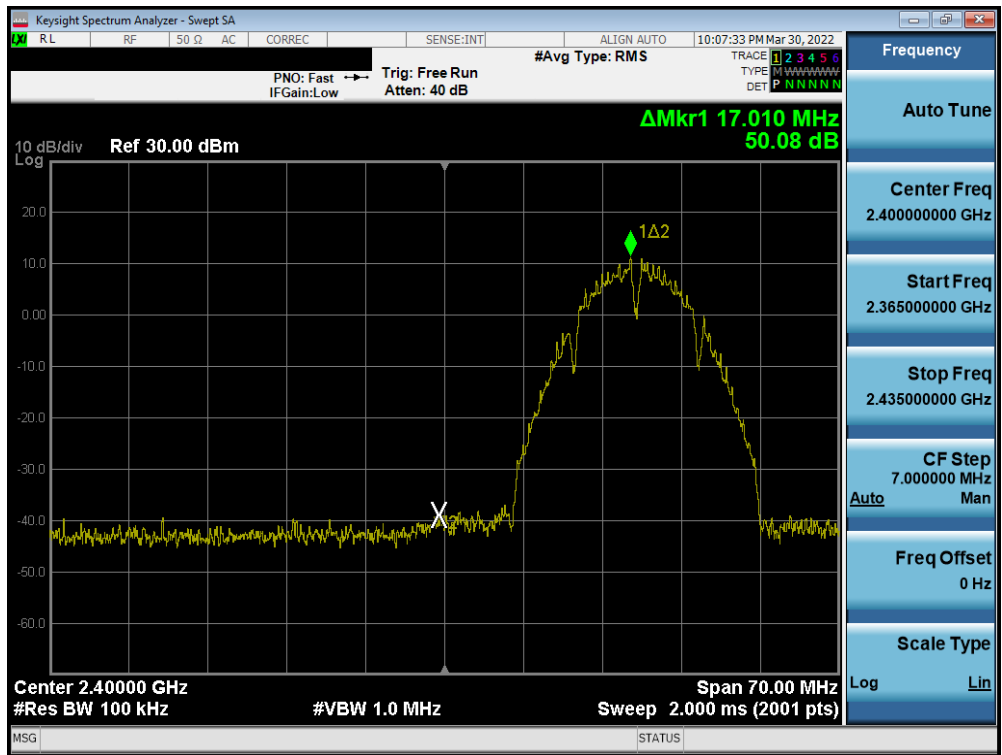
Plot 7-112. Band Edge Plot SISO ANT1 (802.11ax 40MHz (2.4GHz) – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 86 of 164

SISO Antenna-2 Conducted Emissions at the Band Edge

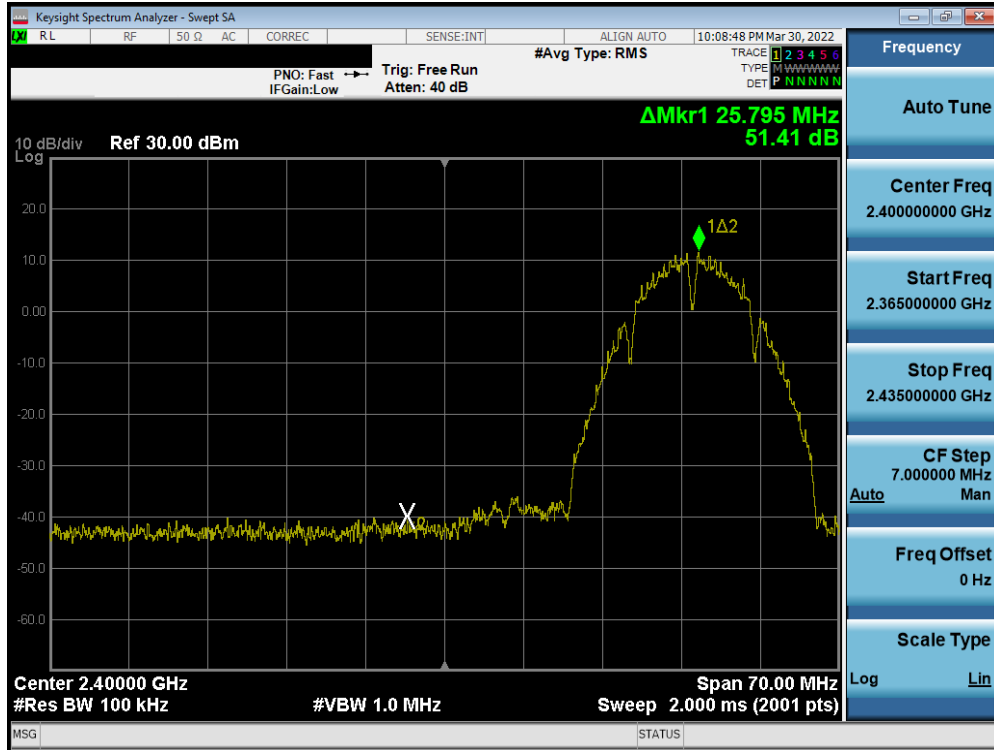


Plot 7-113. Band Edge Plot SISO ANT2 (802.11b – Ch. 1)

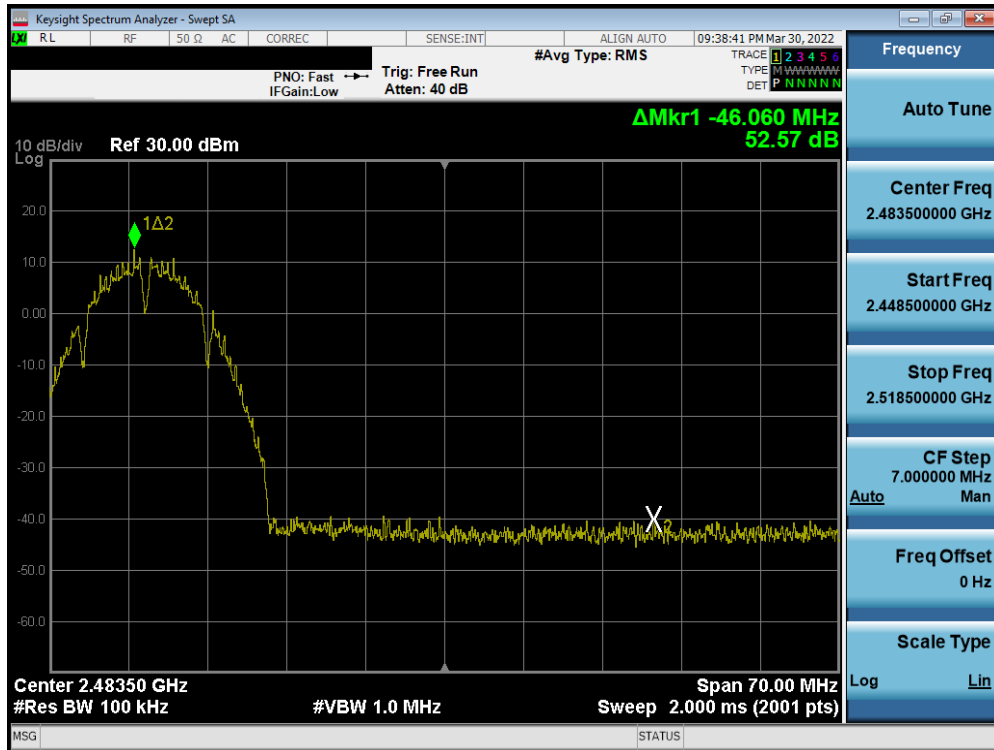


Plot 7-114. Band Edge Plot SISO ANT2 (802.11b – Ch. 2)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 87 of 164

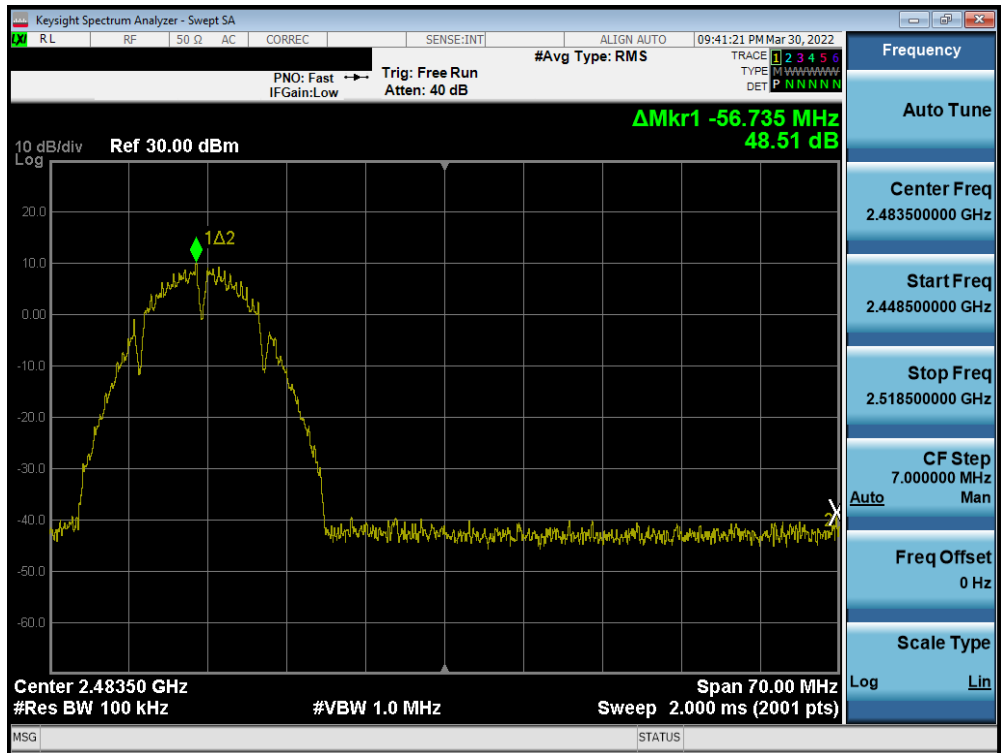


Plot 7-115. Band Edge Plot SISO ANT2 (802.11b – Ch. 3)

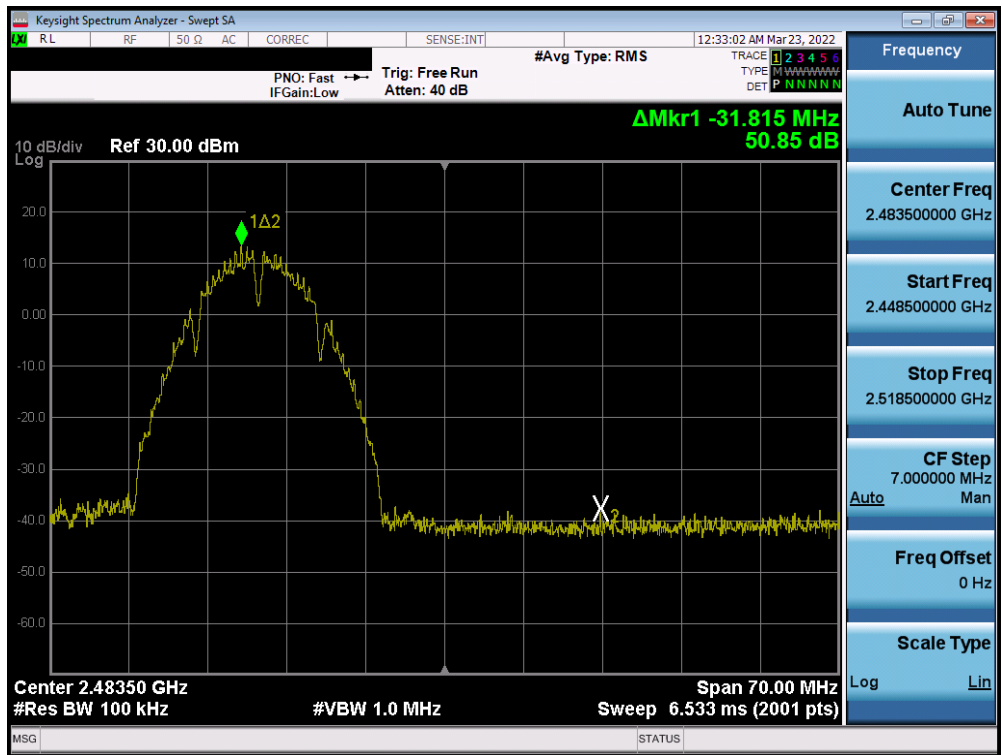


Plot 7-116. Band Edge Plot SISO ANT2 (802.11b – Ch. 10)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 88 of 164

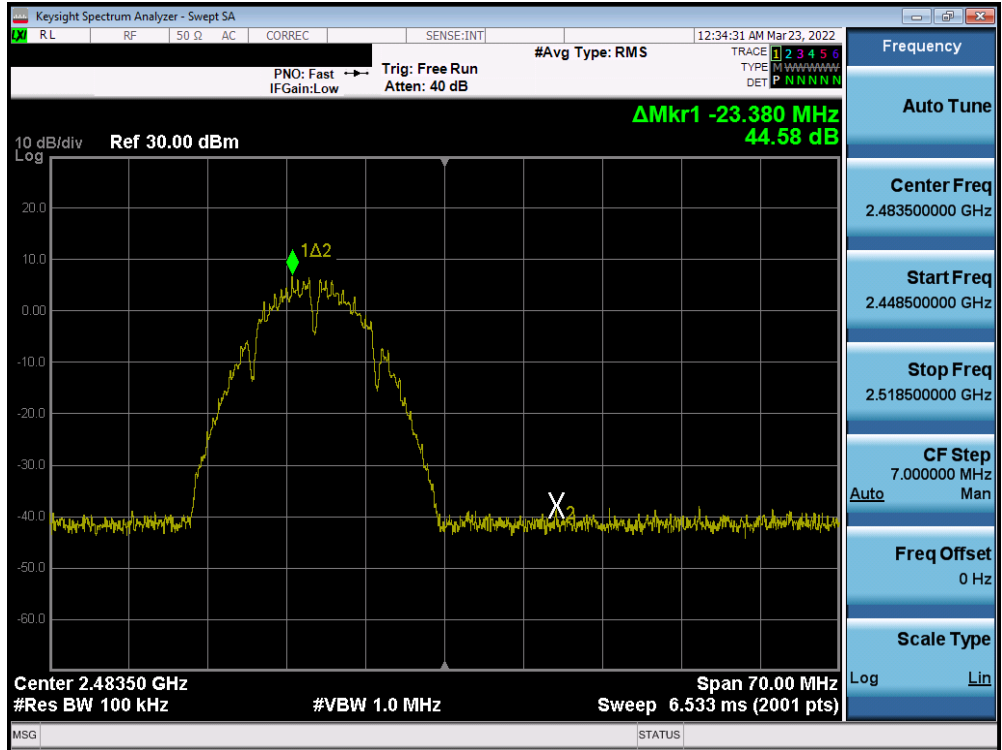


Plot 7-117. Band Edge Plot SISO ANT2 (802.11b – Ch. 11)

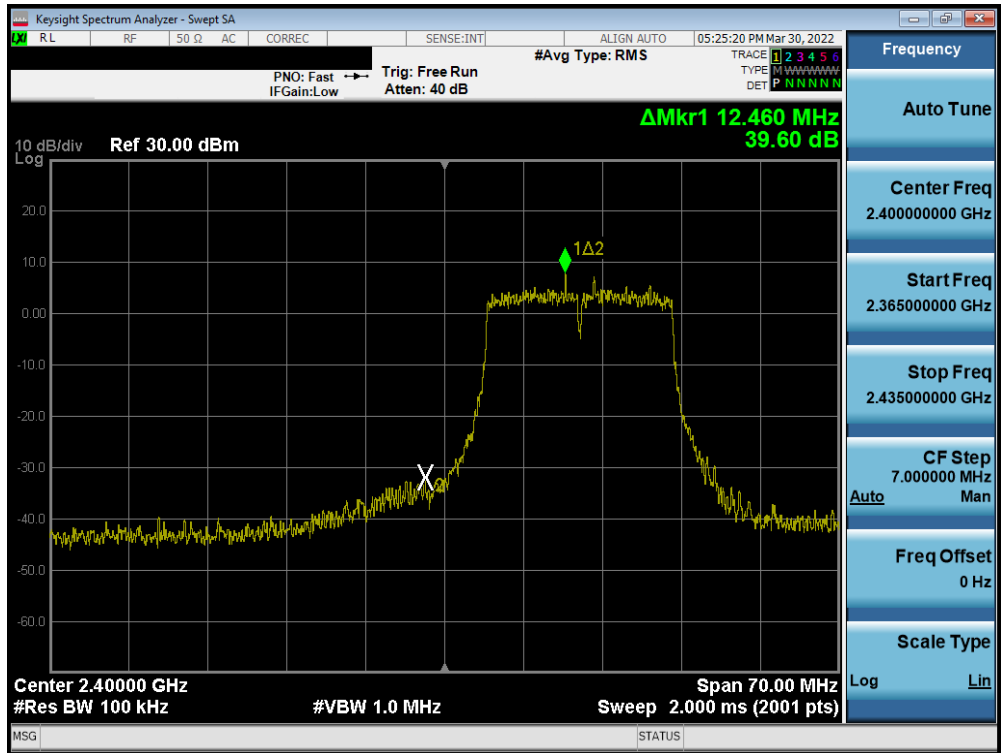


Plot 7-118. Band Edge Plot SISO ANT2 (802.11b – Ch. 12)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 89 of 164

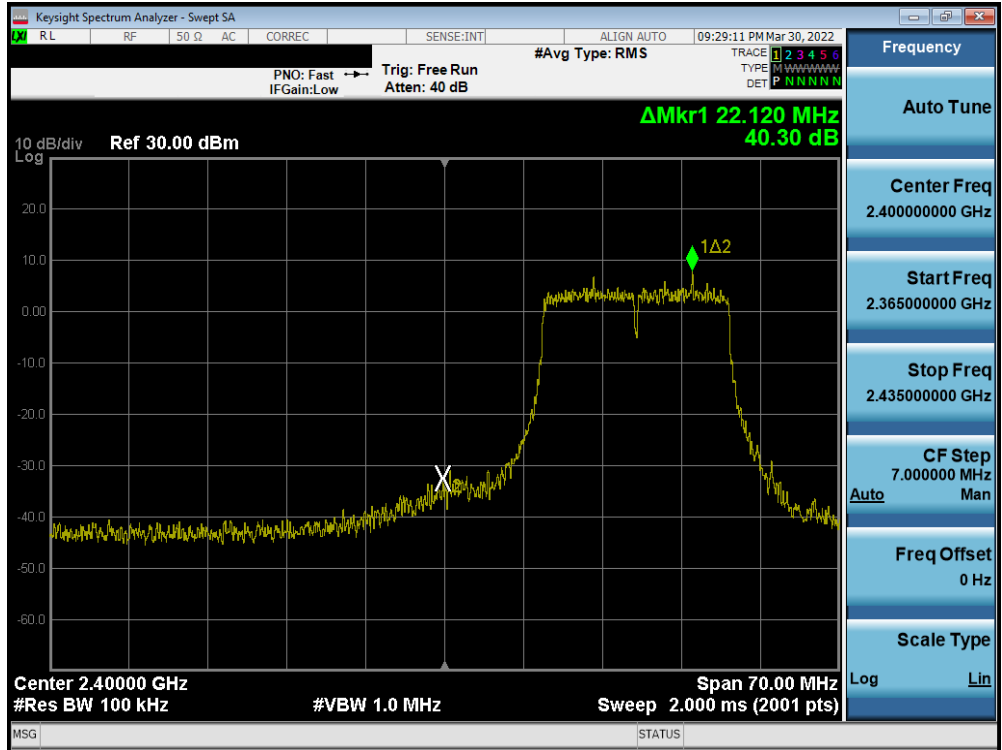


Plot 7-119. Band Edge Plot SISO ANT2 (802.11b – Ch. 13)

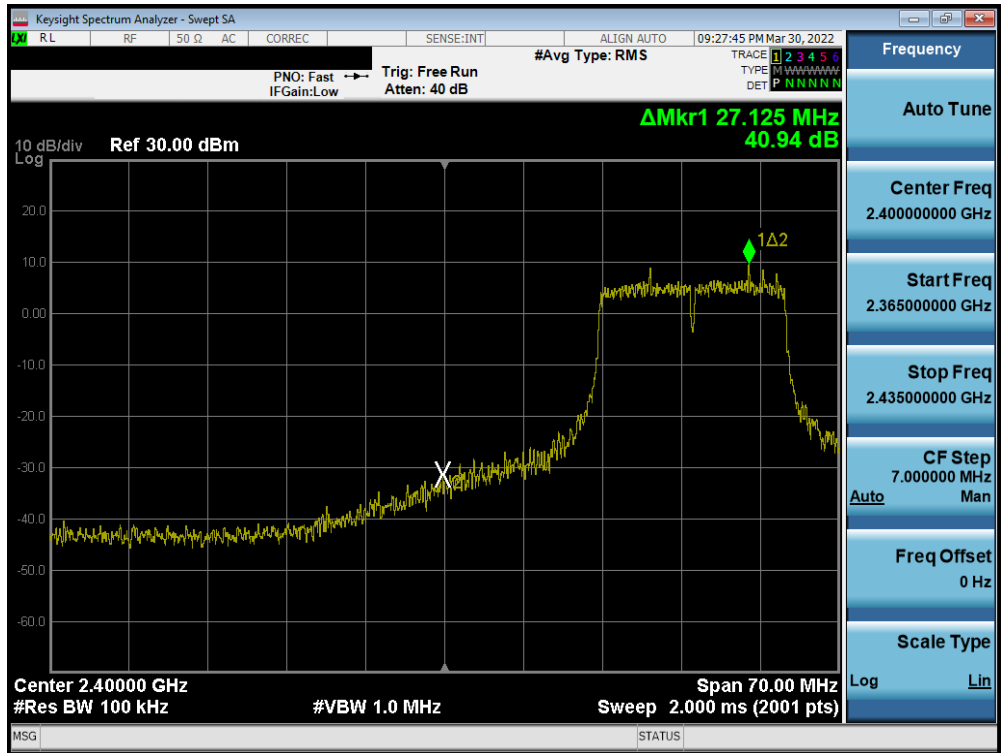


Plot 7-120. Band Edge Plot SISO ANT2 (802.11g– Ch. 1)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 90 of 164

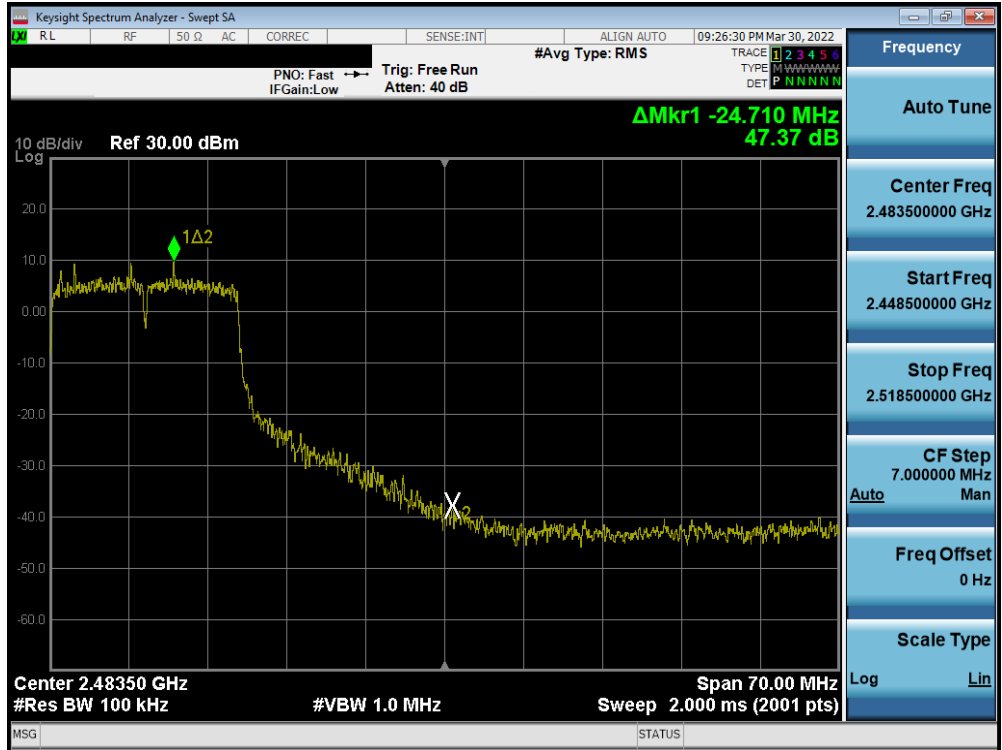


Plot 7-121. Band Edge Plot SISO ANT2 (802.11g- Ch. 2)

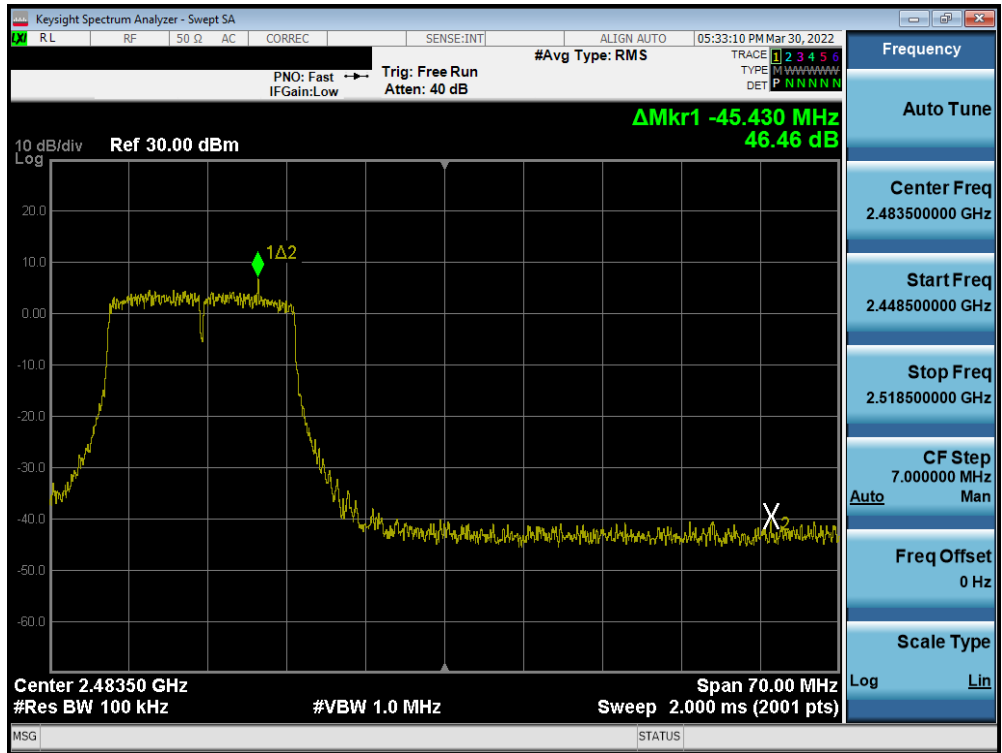


Plot 7-122. Band Edge Plot SISO ANT2 (802.11g- Ch. 3)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 91 of 164

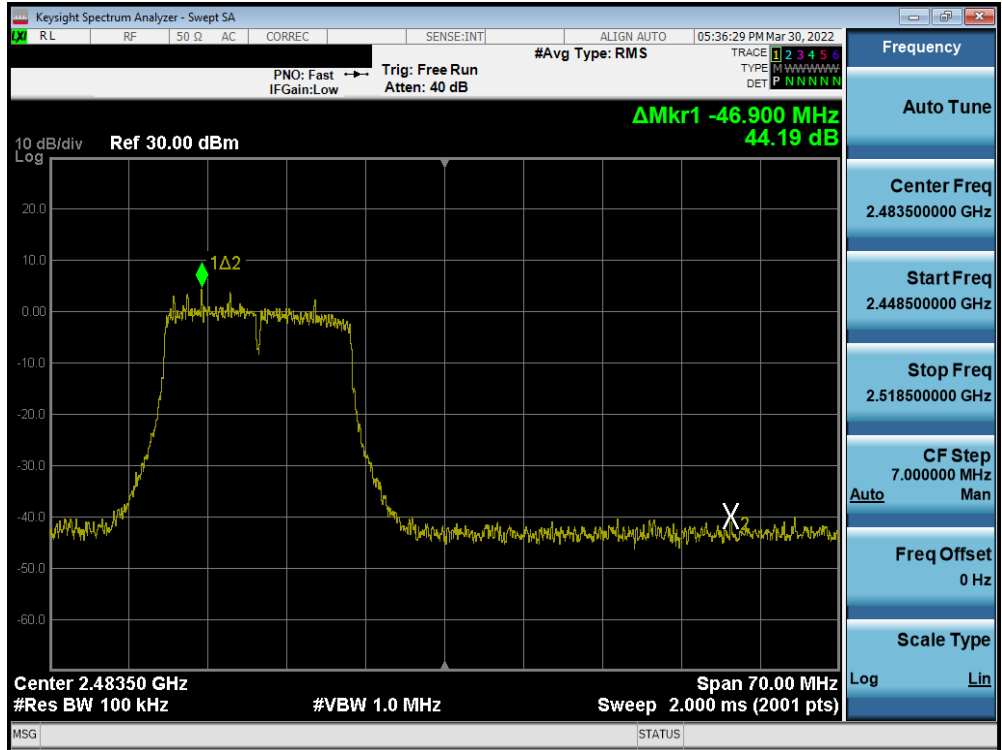


Plot 7-123. Band Edge Plot SISO ANT2 (802.11g – Ch. 10)

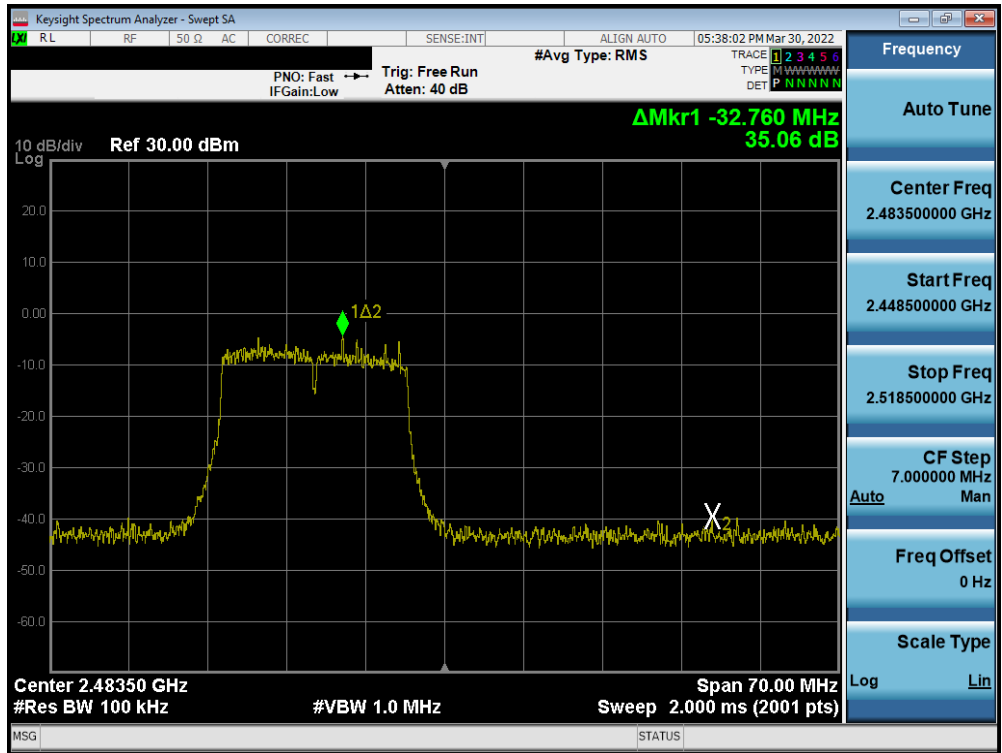


Plot 7-124. Band Edge Plot SISO ANT2 (802.11g – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 92 of 164

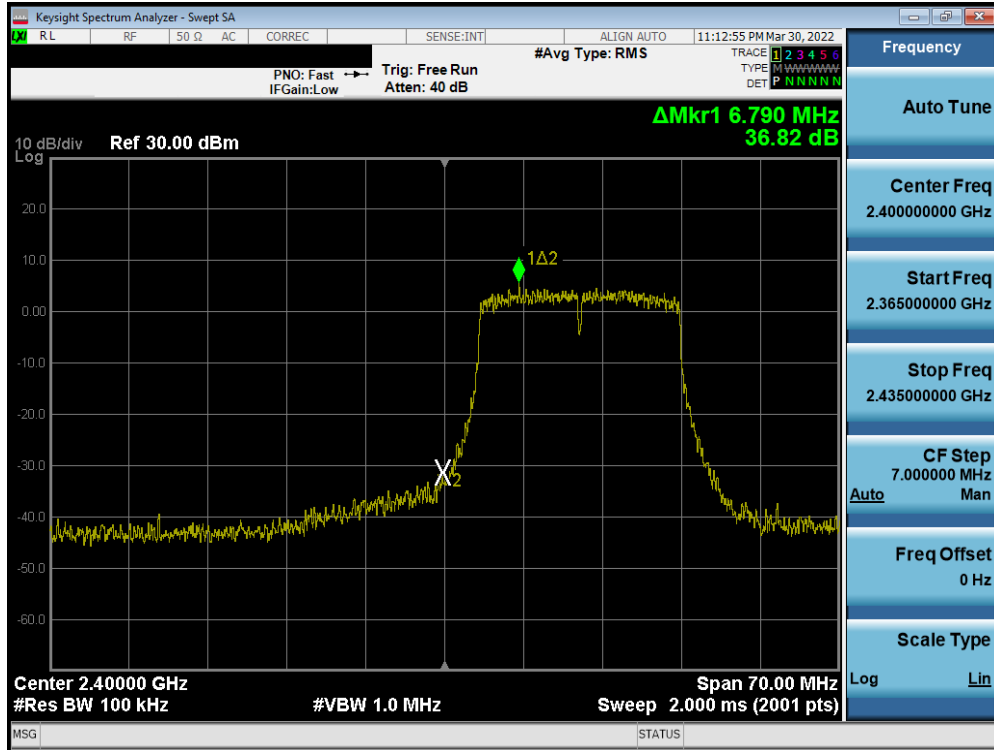


Plot 7-125. Band Edge Plot SISO ANT2 (802.11g – Ch. 12)

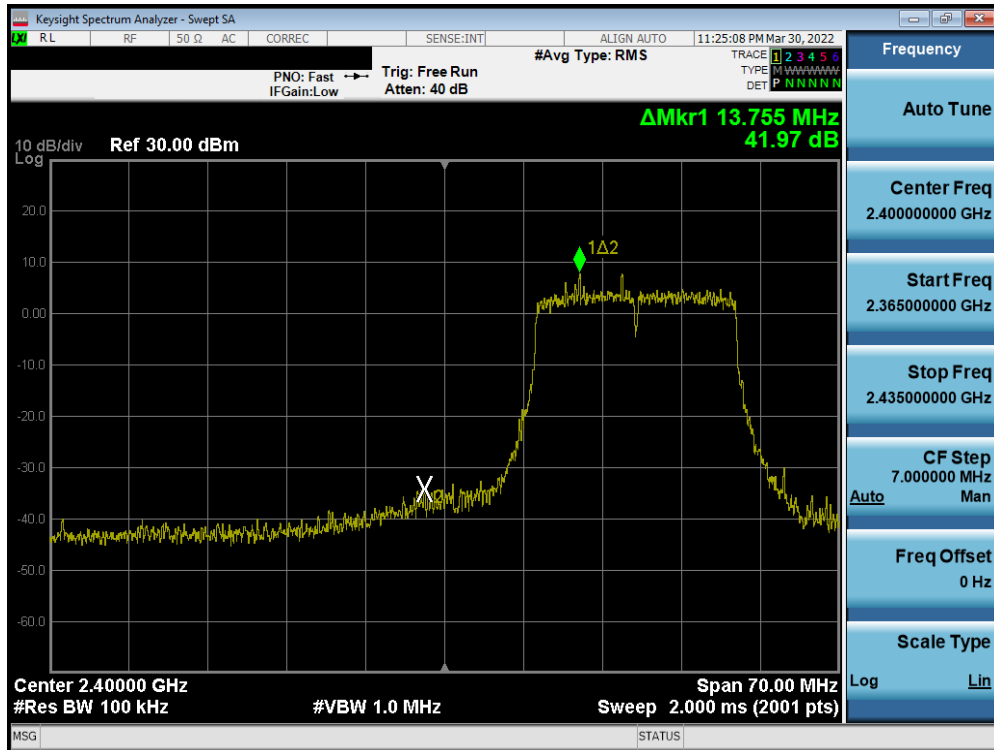


Plot 7-126. Band Edge Plot SISO ANT2 (802.11g – Ch. 13)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 93 of 164

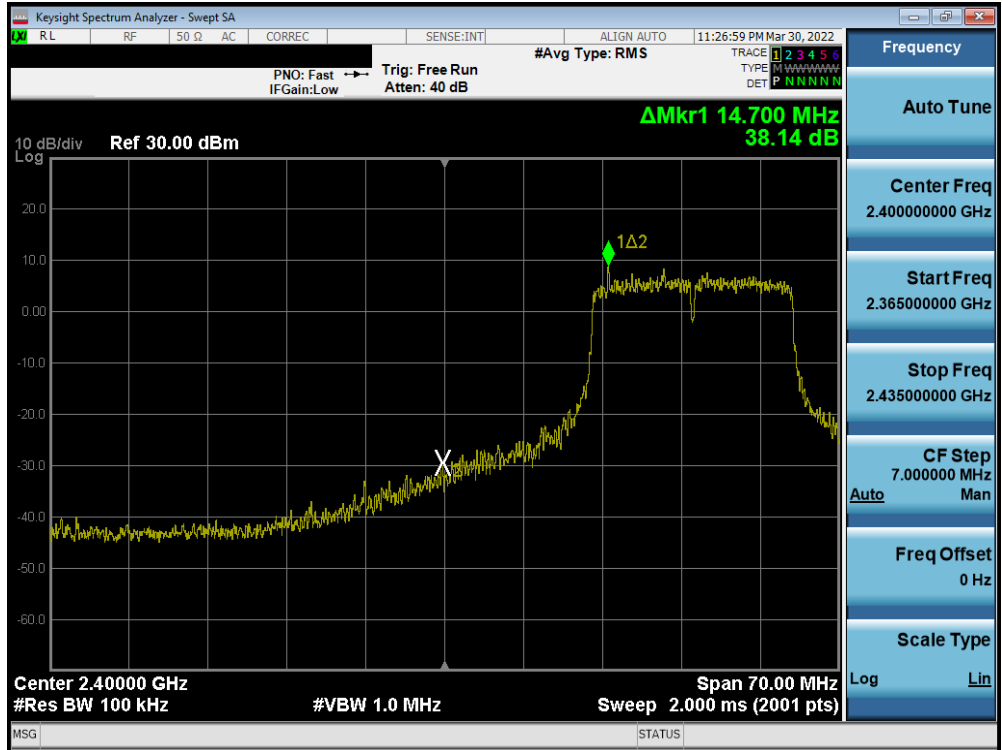


Plot 7-127. Band Edge Plot SISO ANT2 (802.11n 20MHz (2.4GHz) – Ch. 1)

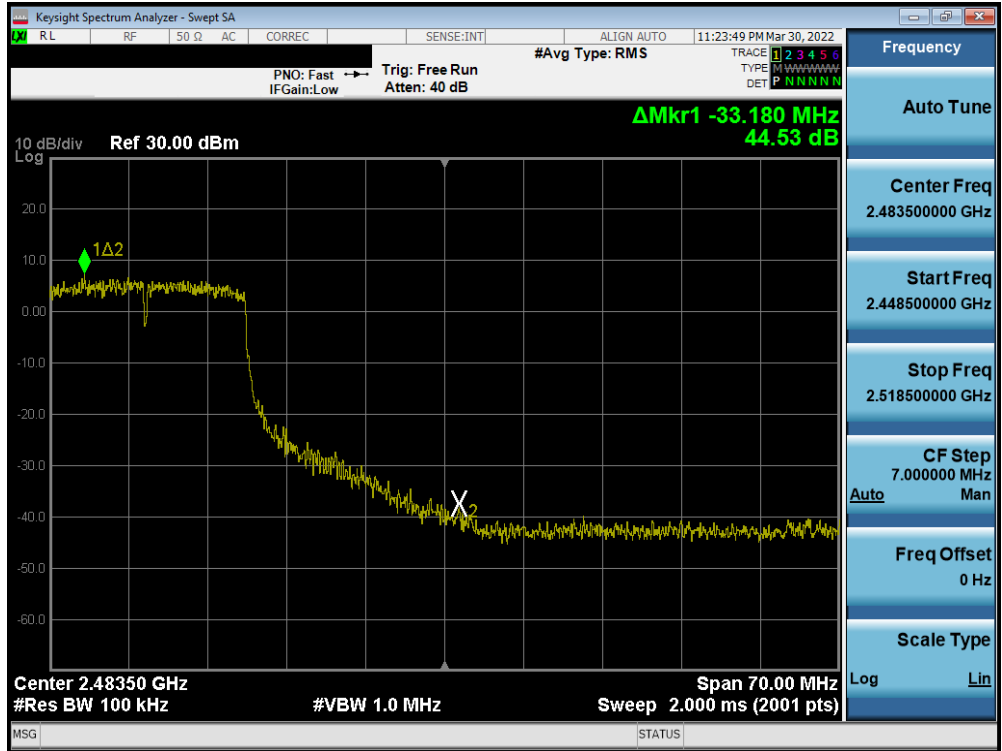


Plot 7-128. Band Edge Plot SISO ANT2 (802.11n 20MHz (2.4GHz) – Ch. 2)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 94 of 164

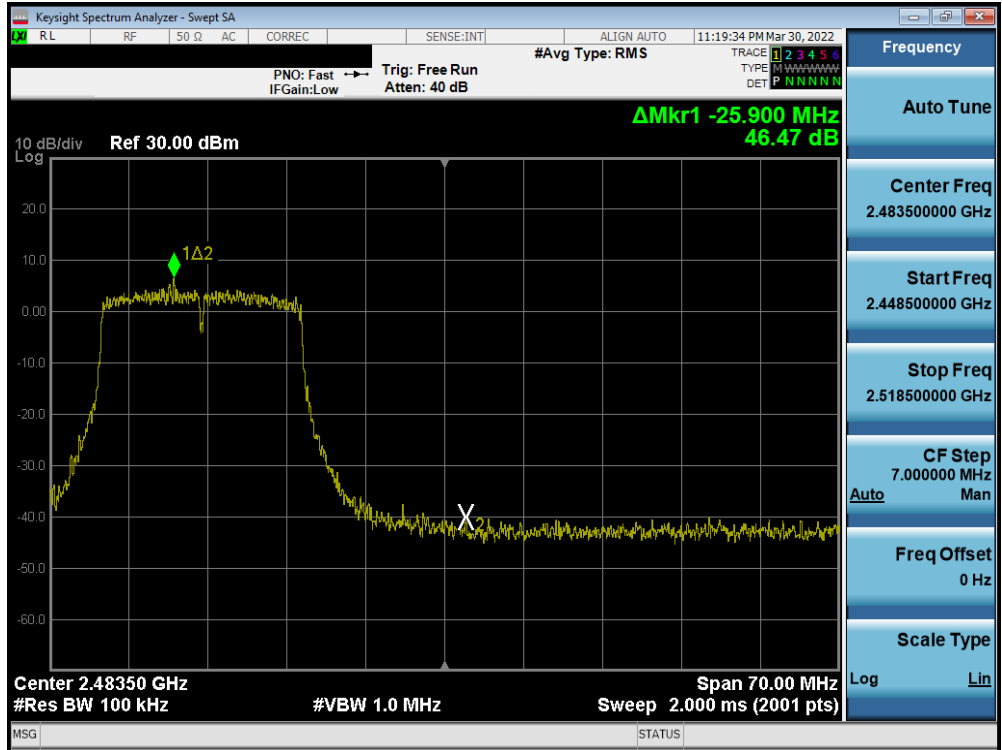


Plot 7-129. Band Edge Plot SISO ANT2 (802.11n 20MHz (2.4GHz) – Ch. 3)

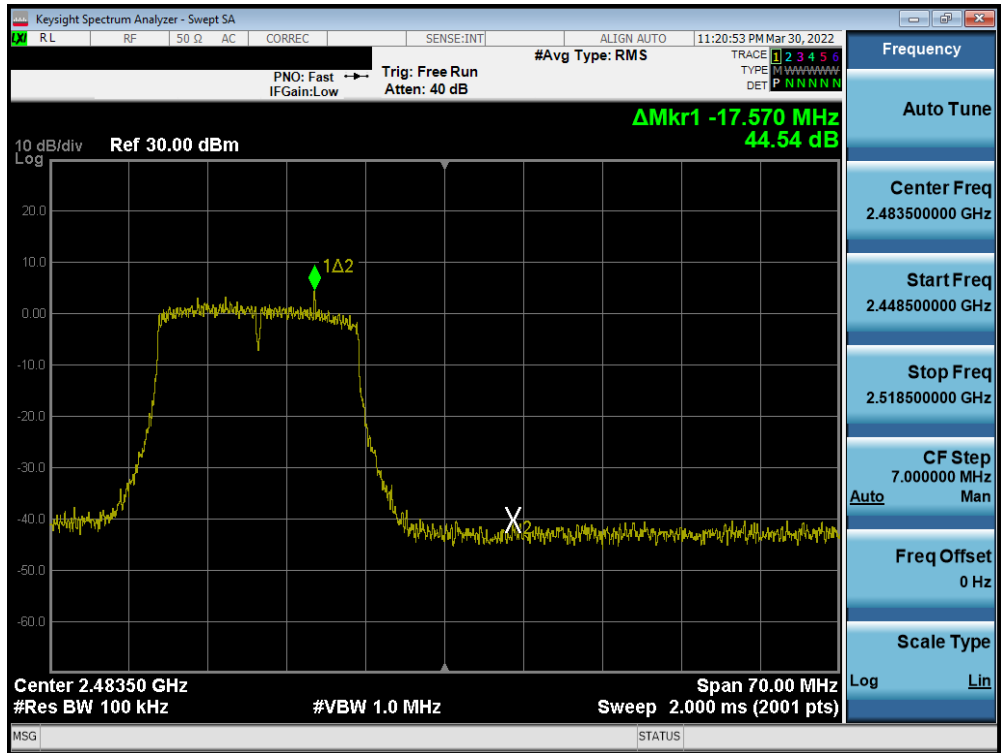


Plot 7-130. Band Edge Plot SISO ANT2 (802.11n 20MHz (2.4GHz) – Ch. 10)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 95 of 164

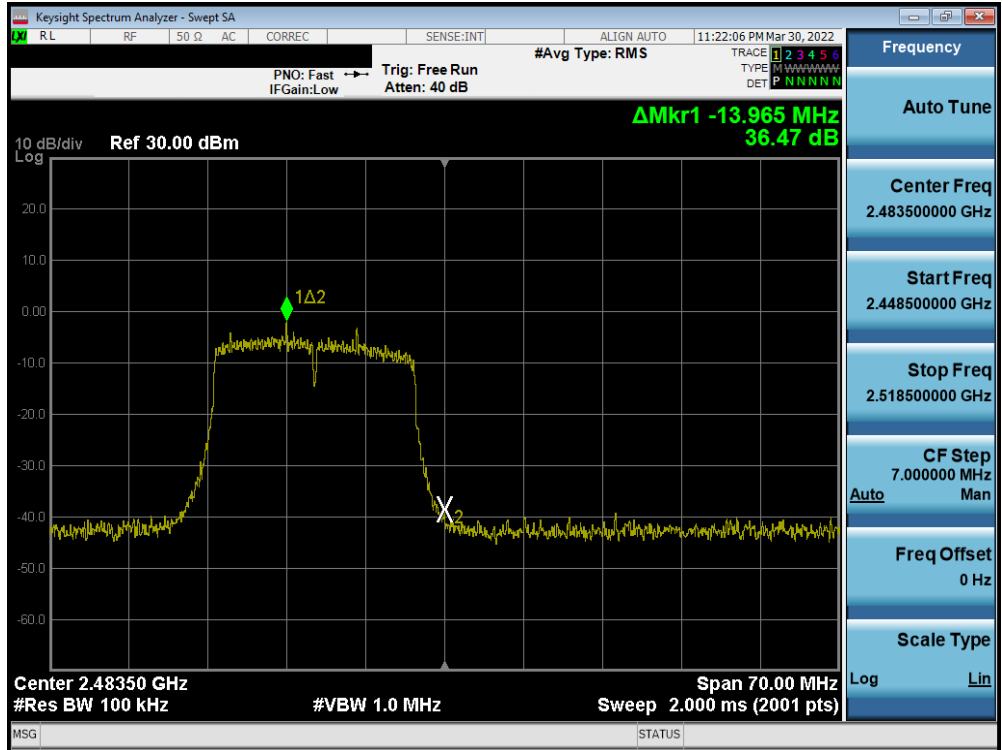


Plot 7-131. Band Edge Plot SISO ANT2 (802.11n 20MHz (2.4GHz) – Ch. 11)

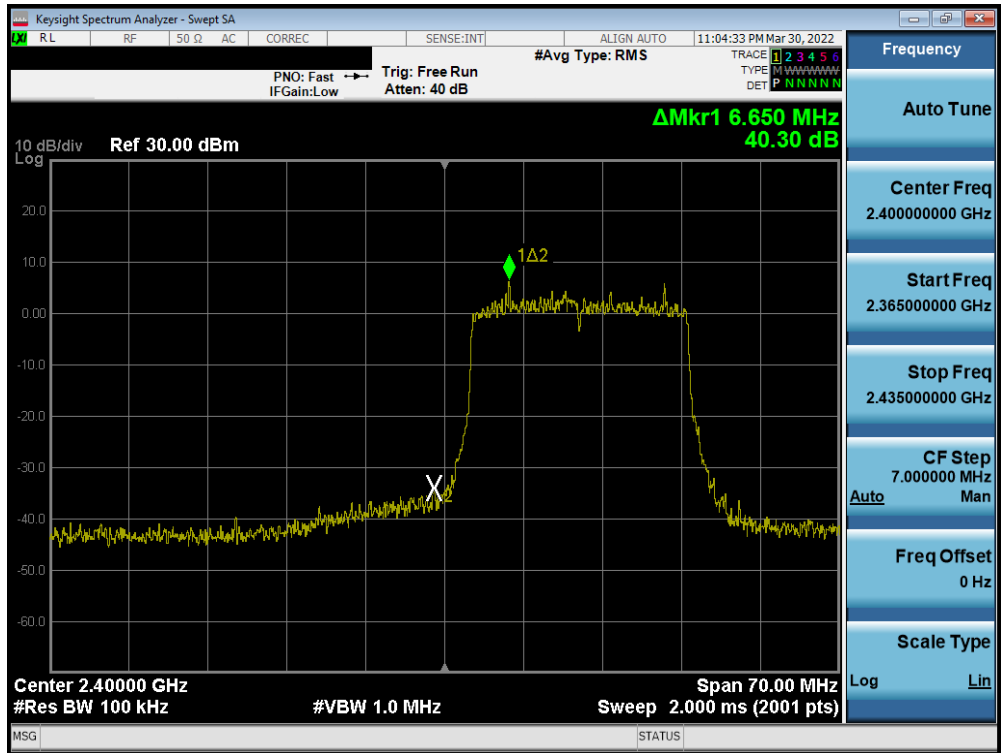


Plot 7-132. Band Edge Plot SISO ANT2 (802.11n 20MHz (2.4GHz) – Ch. 12)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 96 of 164



Plot 7-133. Band Edge Plot SISO ANT2 (802.11n 20MHz (2.4GHz) – Ch. 13)

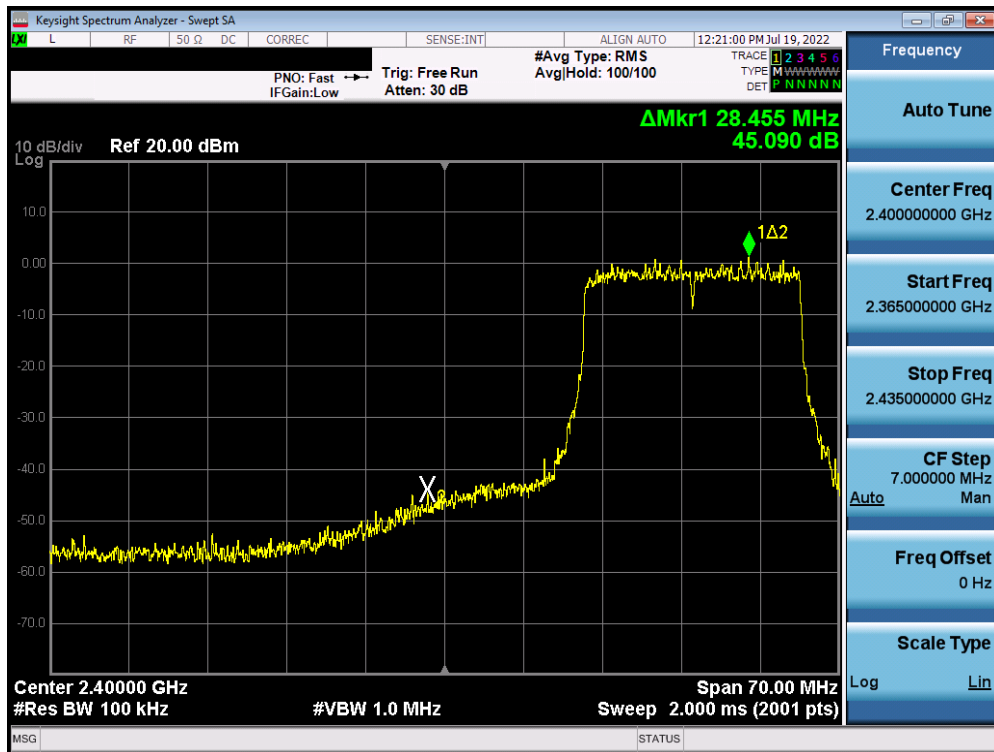


Plot 7-134. Band Edge Plot SISO ANT2 (802.11ax 20MHz (2.4GHz) – Ch. 1)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 97 of 164

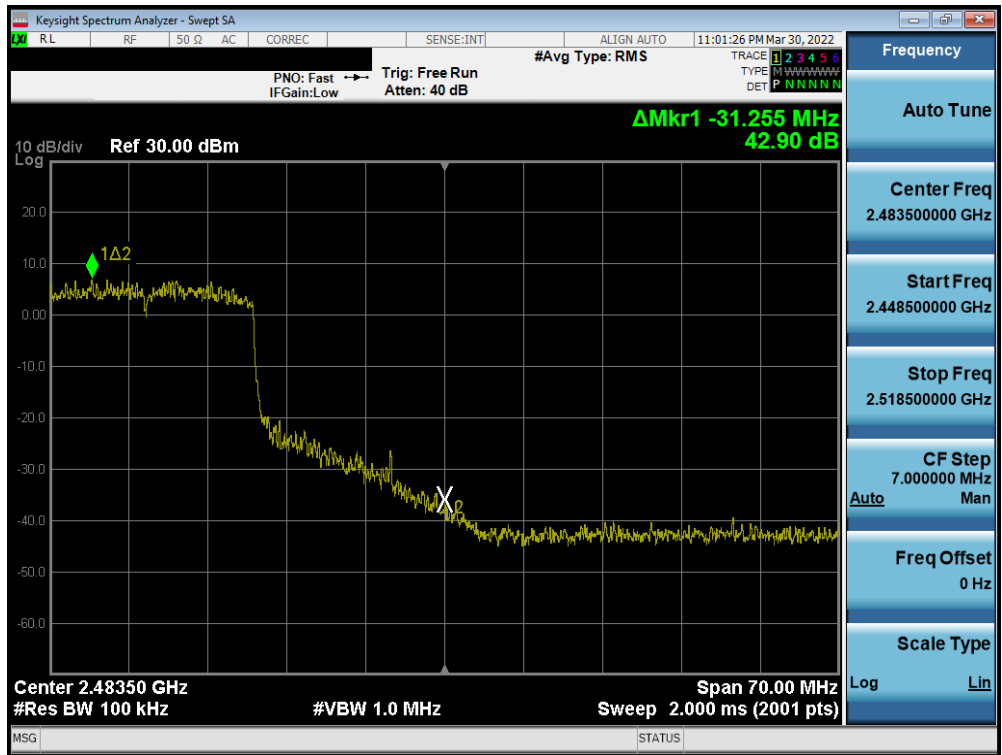


Plot 7-135. Band Edge Plot SISO ANT2 (802.11ax 20MHz (2.4GHz) – Ch. 2)

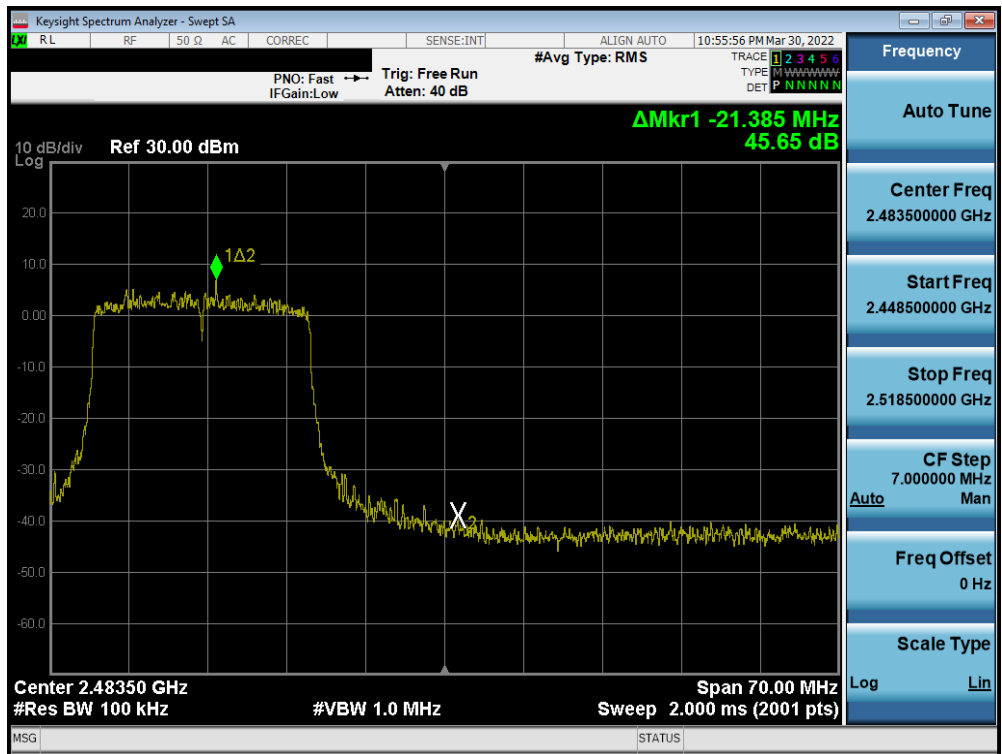


Plot 7-136. Band Edge Plot SISO ANT2 (802.11ax 20MHz (2.4GHz) – Ch. 3)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 98 of 164

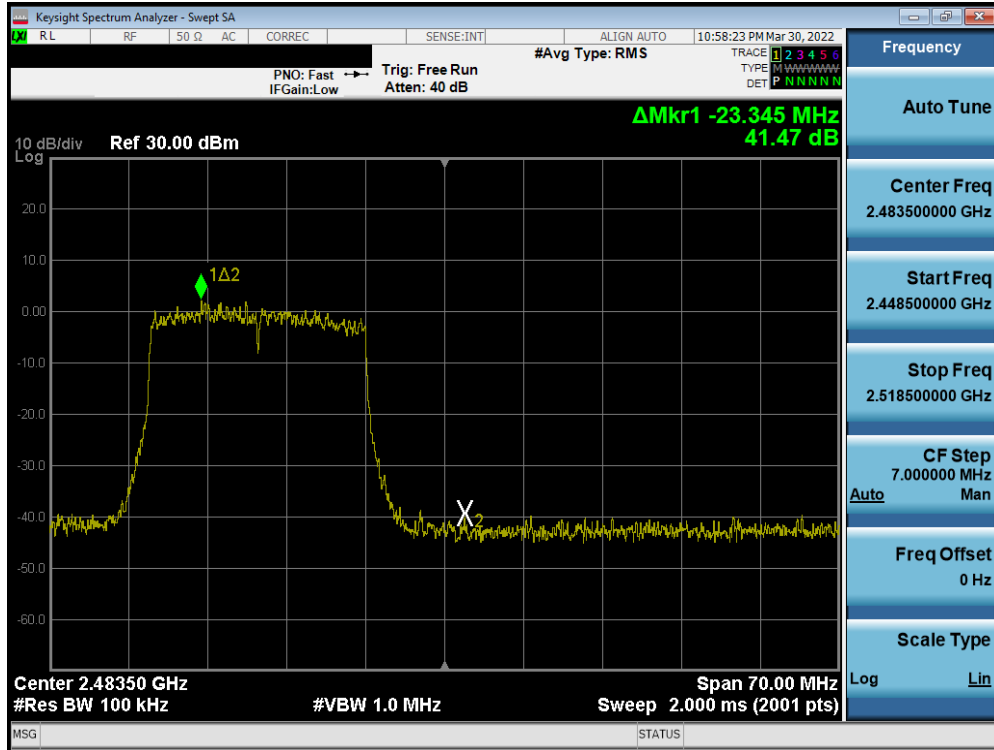


Plot 7-137. Band Edge Plot SISO ANT2 (802.11ax 20MHz (2.4GHz) – Ch. 10)

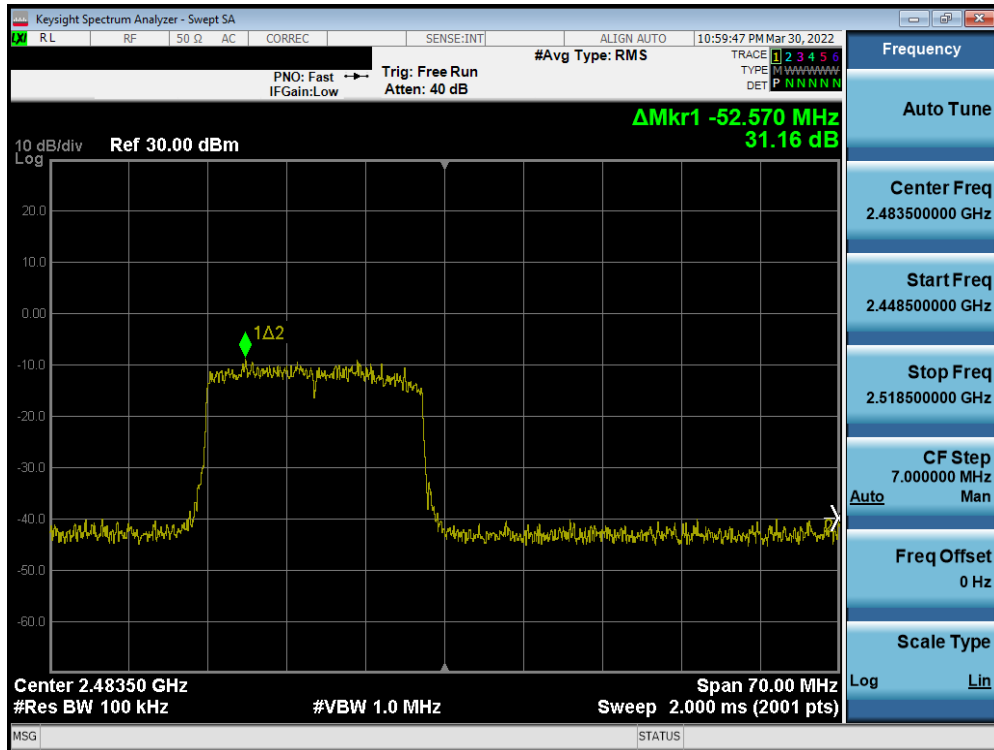


Plot 7-138. Band Edge Plot SISO ANT2 (802.11ax 20MHz (2.4GHz) – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 99 of 164

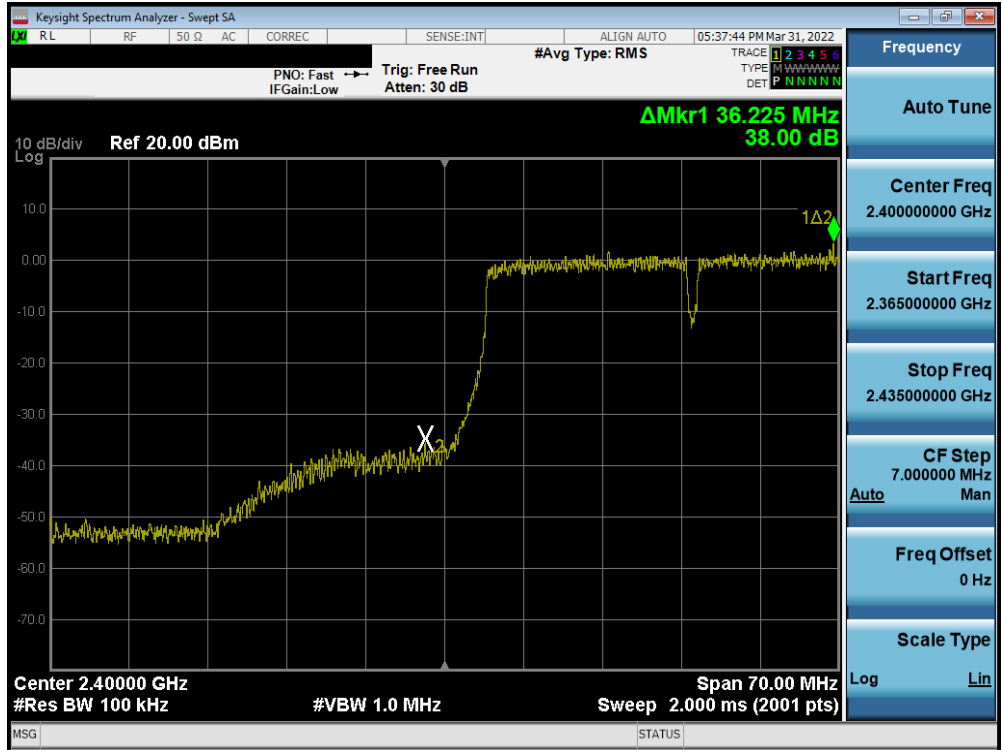


Plot 7-139. Band Edge Plot SISO ANT2 (802.11ax 20MHz (2.4GHz) – Ch. 12)

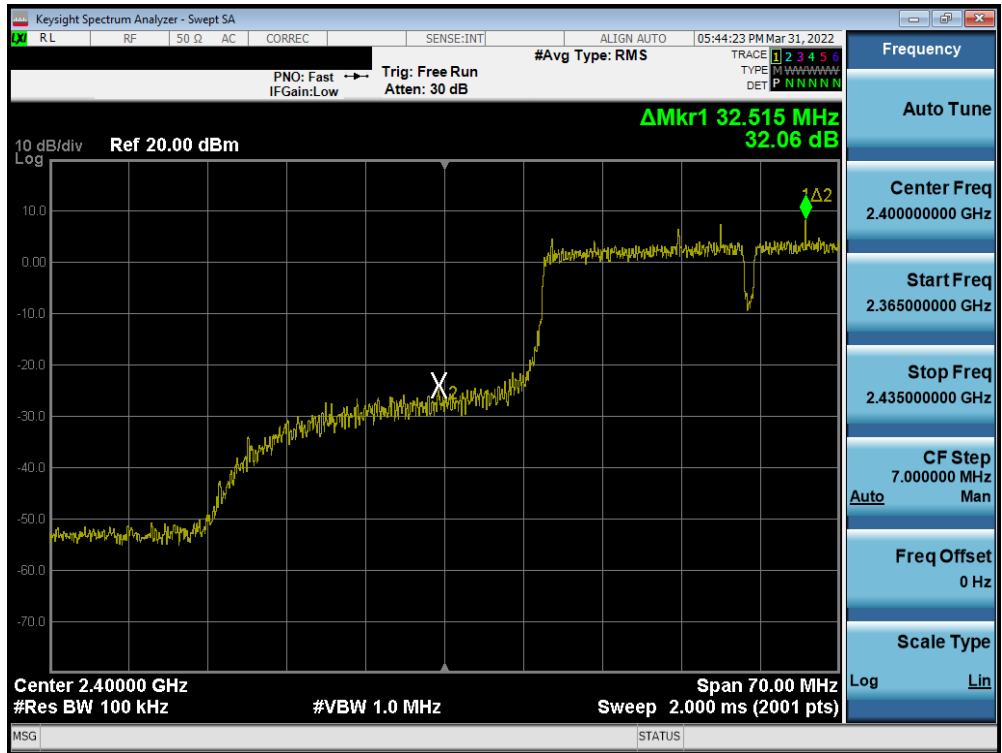


Plot 7-140. Band Edge Plot SISO ANT2 (802.11ax 20MHz (2.4GHz) – Ch. 13)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 100 of 164

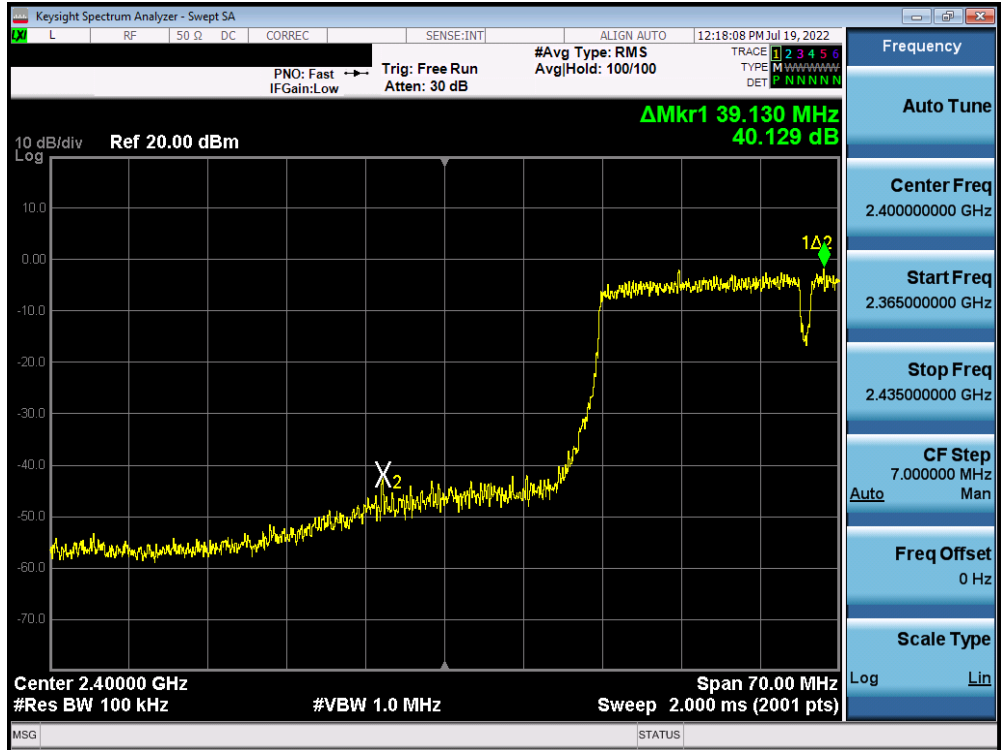


Plot 7-141. Band Edge Plot SISO ANT2 (802.11n 40MHz (2.4GHz) – Ch. 3)

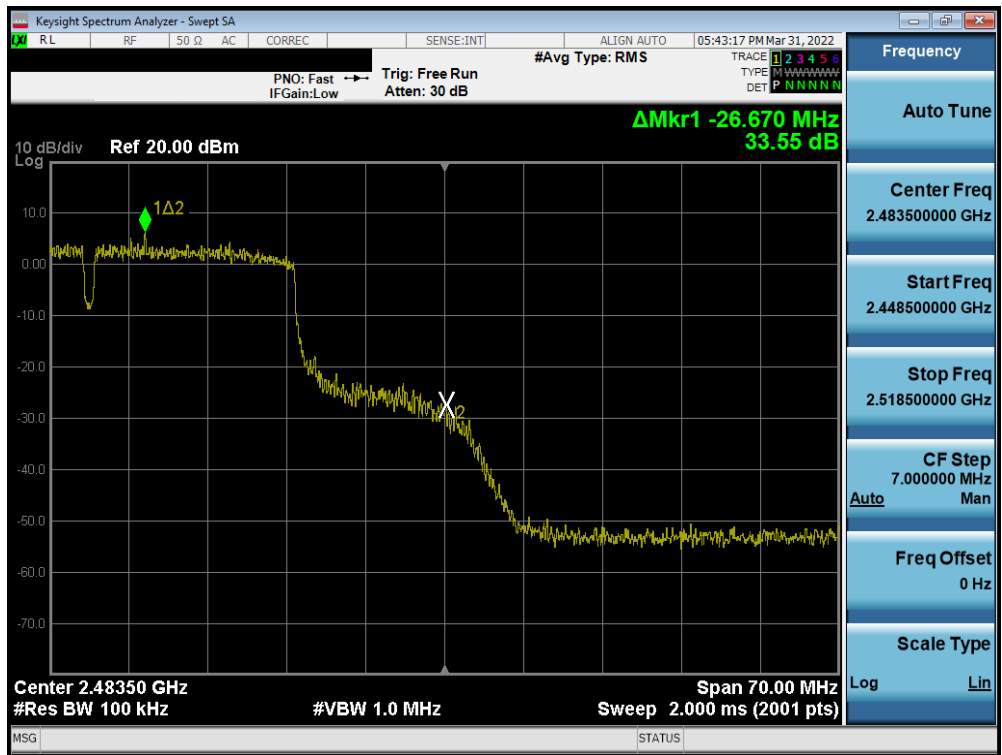


Plot 7-142. Band Edge Plot SISO ANT2 (802.11n 40MHz (2.4GHz) – Ch. 4)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 101 of 164



Plot 7-143. Band Edge Plot SISO ANT2 (802.11n 40MHz (2.4GHz) – Ch. 5)



Plot 7-144. Band Edge Plot SISO ANT2 (802.11n 40MHz (2.4GHz) – Ch. 9)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 102 of 164

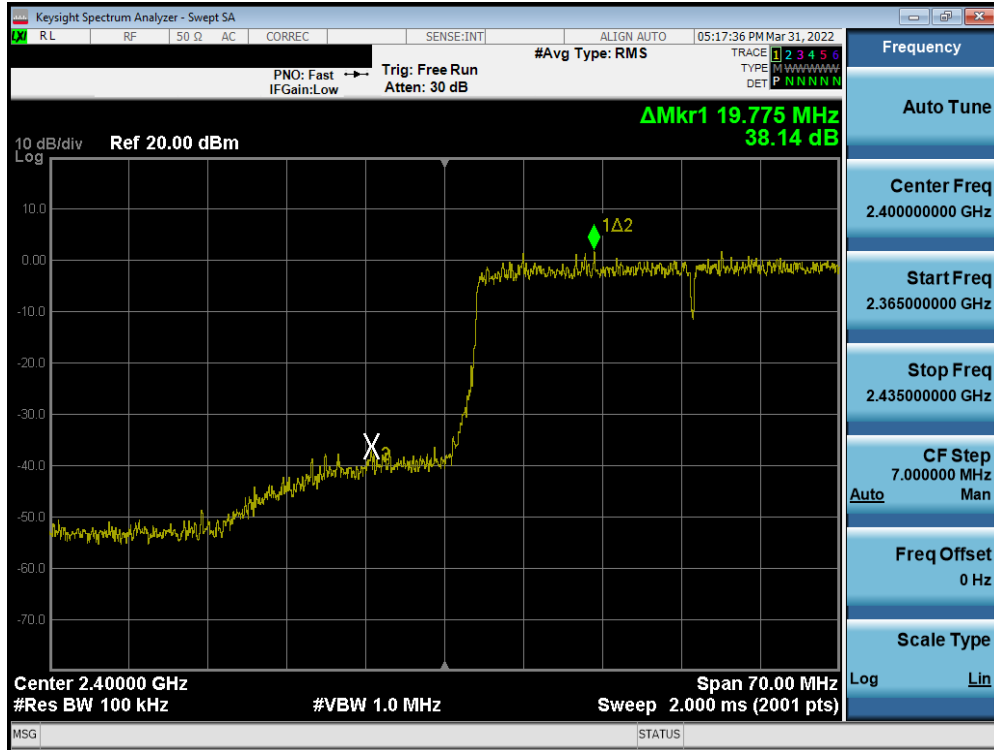


Plot 7-145. Band Edge Plot SISO ANT2 (802.11n 40MHz (2.4GHz) – Ch. 10)

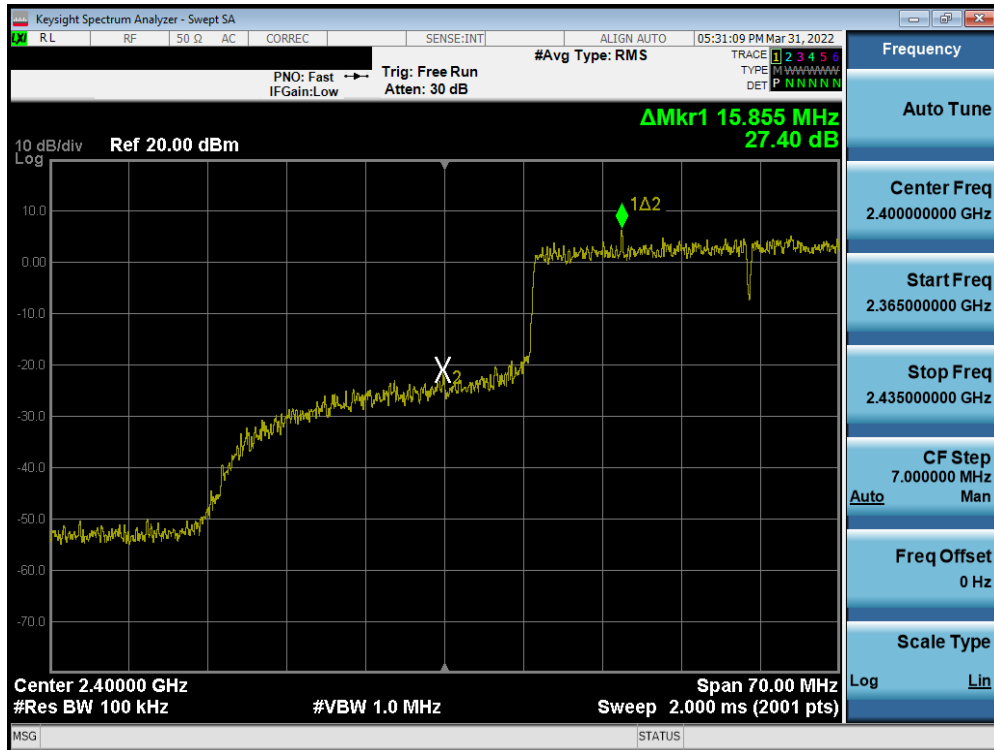


Plot 7-146. Band Edge Plot SISO ANT2 (802.11n 40MHz (2.4GHz) – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 103 of 164

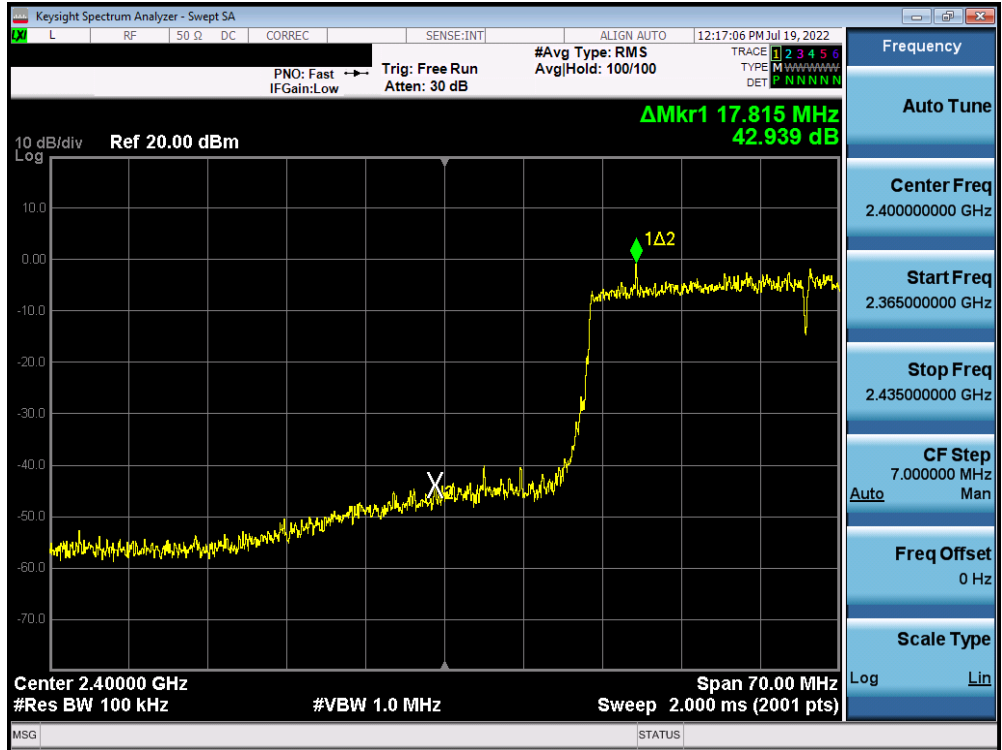


Plot 7-147. Band Edge Plot SISO ANT2 (802.11ax 40MHz (2.4GHz) – Ch. 3)

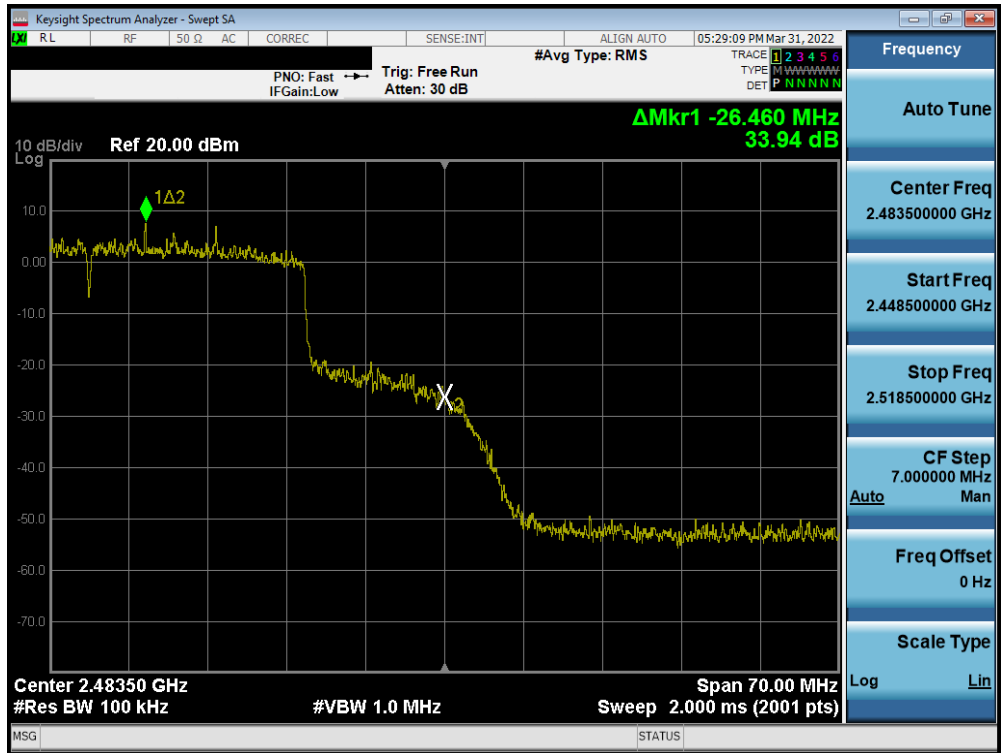


Plot 7-148. Band Edge Plot SISO ANT2 (802.11ax 40MHz (2.4GHz) – Ch. 4)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 104 of 164

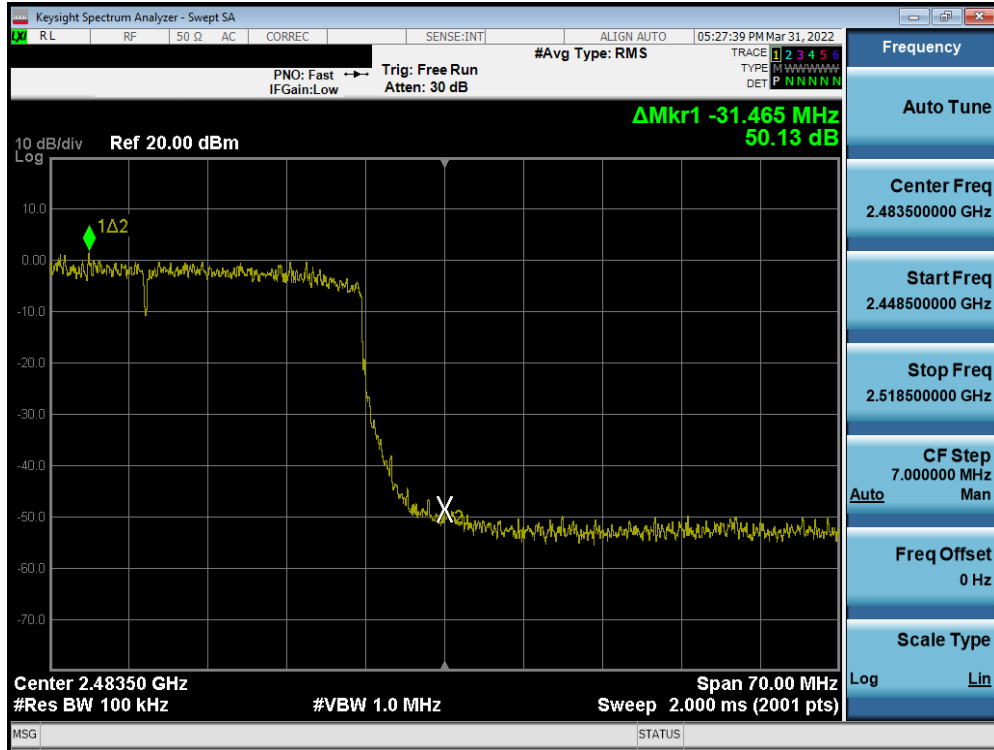


Plot 7-149. Band Edge Plot SISO ANT2 (802.11ax 40MHz (2.4GHz) – Ch. 5)



Plot 7-150. Band Edge Plot SISO ANT2 (802.11ax 40MHz (2.4GHz) – Ch. 9)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 105 of 164



Plot 7-151. Band Edge Plot SISO ANT2 (802.11ax 40MHz (2.4GHz) – Ch. 10)



Plot 7-152. Band Edge Plot SISO ANT2 (802.11ax 40MHz (2.4GHz) – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 106 of 164

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” modes. The worst case spurious emissions for the 2.4GHz band were found while transmitting in “b” mode at 1 Mbps and are shown in the plots below.

The limit for out-of-band spurious emissions at the band edge is 30dB 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 11.1 of ANSI C63.10-2013 and KDB 558074 D01 v05r02.

Test Procedure Used

ANSI C63.10-2013 – Section 11.11.3
 KDB 558074 D01 v05r02 – Section 8.5
 ANSI C63.10-2013 – Section 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

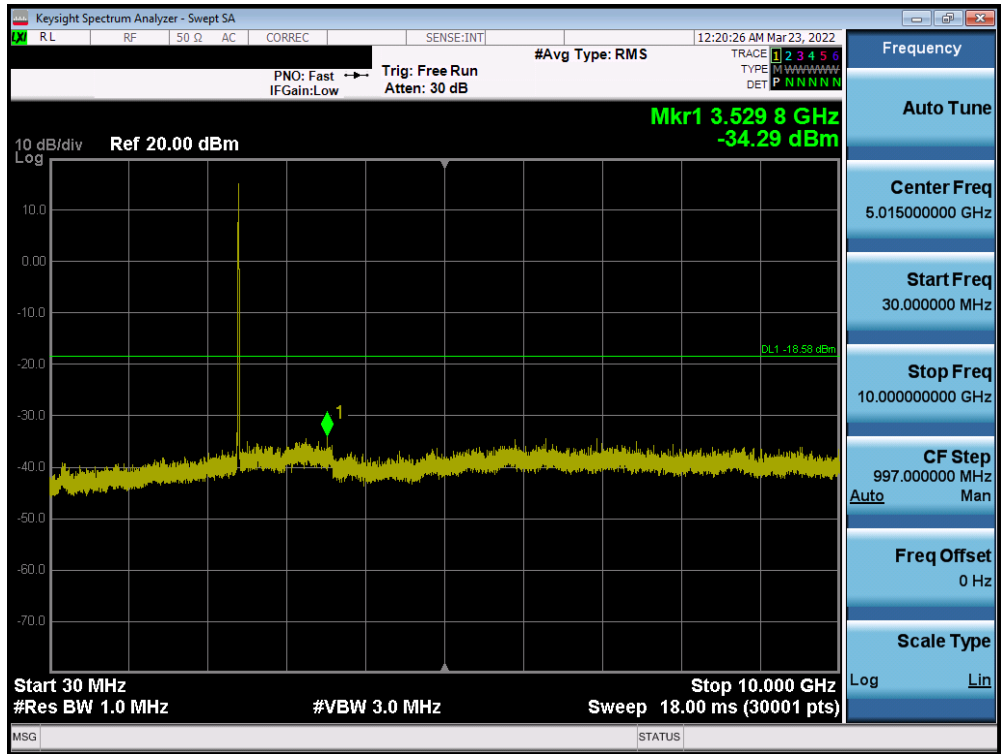
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 107 of 164

Test Notes

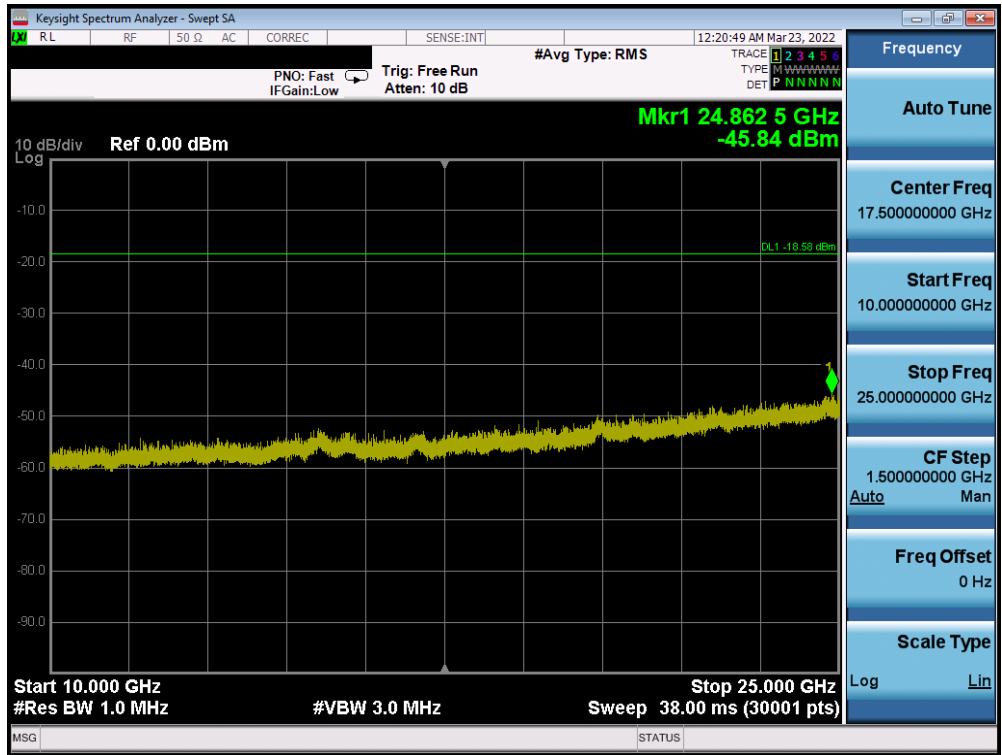
1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.
2. The display line shown in the following plots denotes the limit at 30dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz RBW, the display line may not necessarily appear to be 30dB 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.

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 108 of 164

SISO Antenna-1 Conducted Spurious Emission

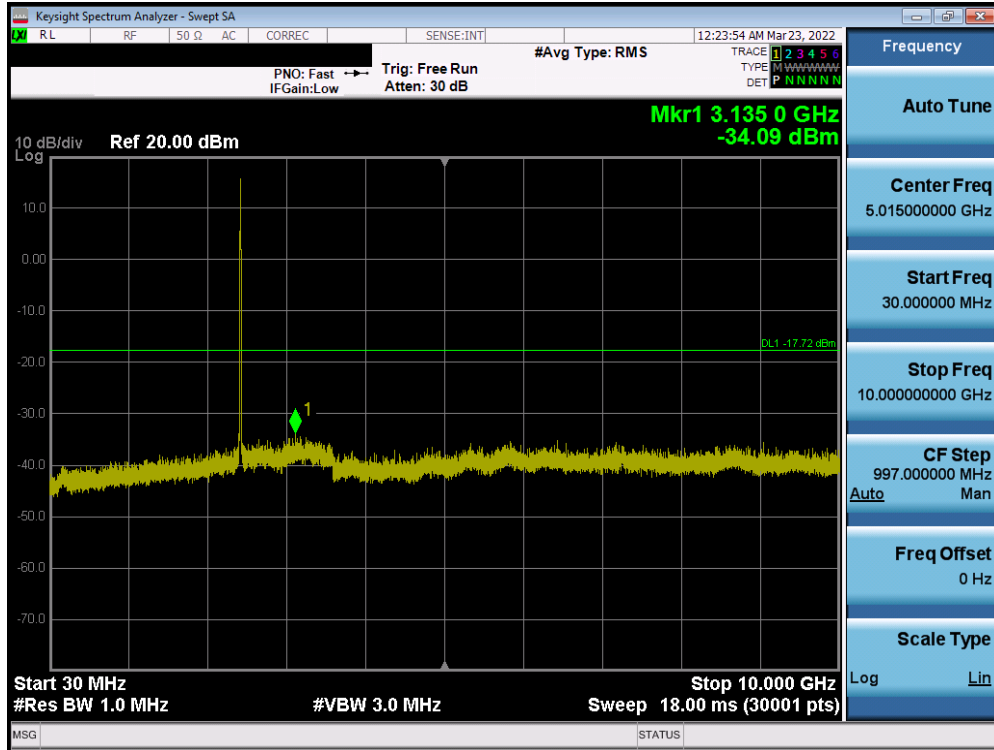


Plot 7-153. Conducted Spurious Plot SISO ANT1 (802.11b – Ch. 1)

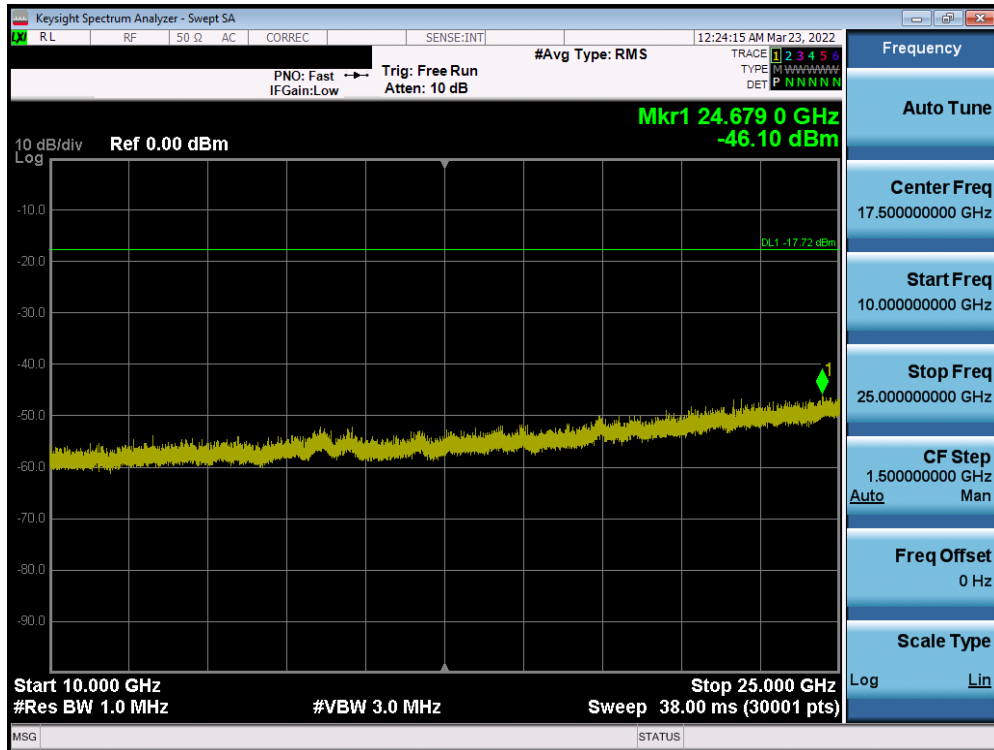


Plot 7-154. Conducted Spurious Plot SISO ANT1 (802.11b – Ch. 1)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 109 of 164

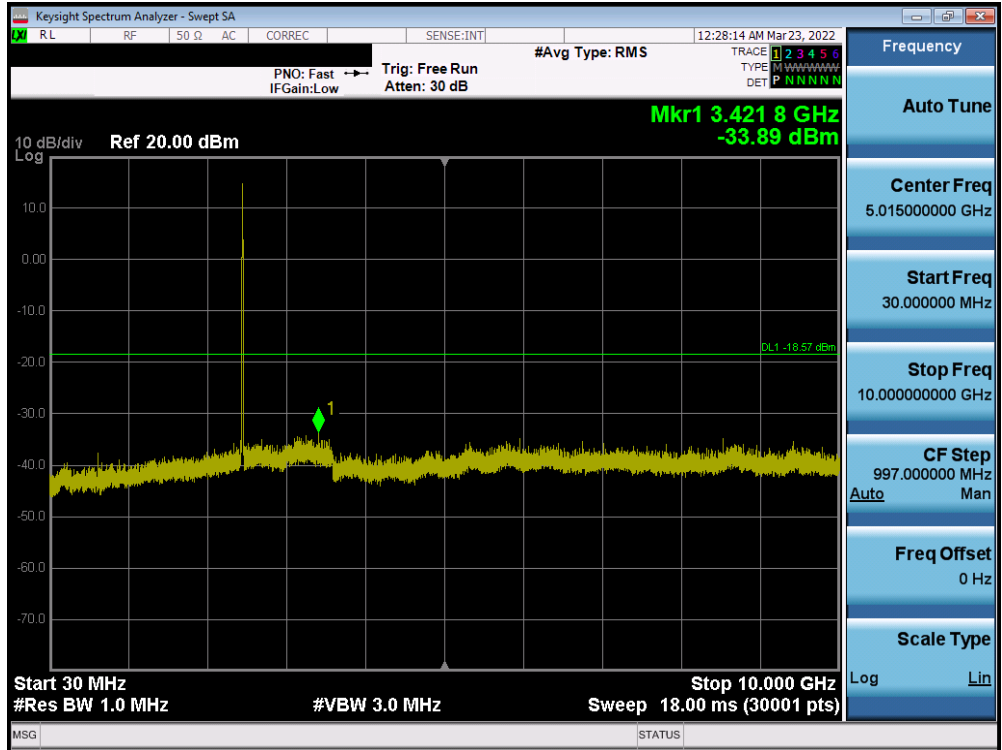


Plot 7-155. Conducted Spurious Plot SISO ANT1 (802.11b – Ch. 6)

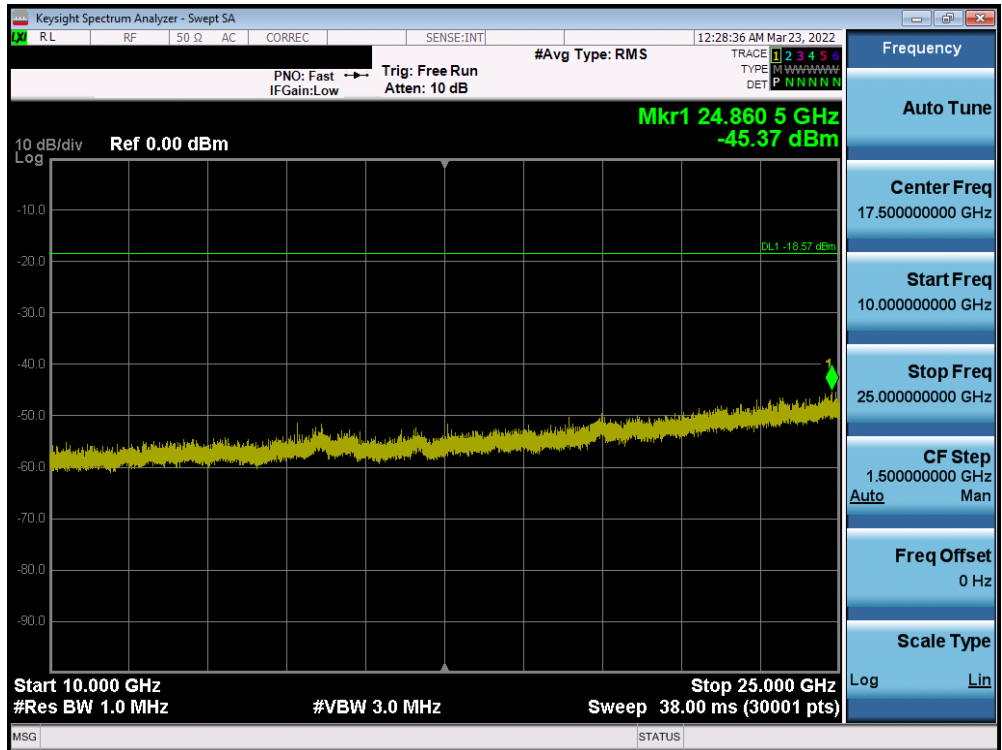


Plot 7-156. Conducted Spurious Plot SISO ANT1 (802.11b – Ch. 6)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 110 of 164



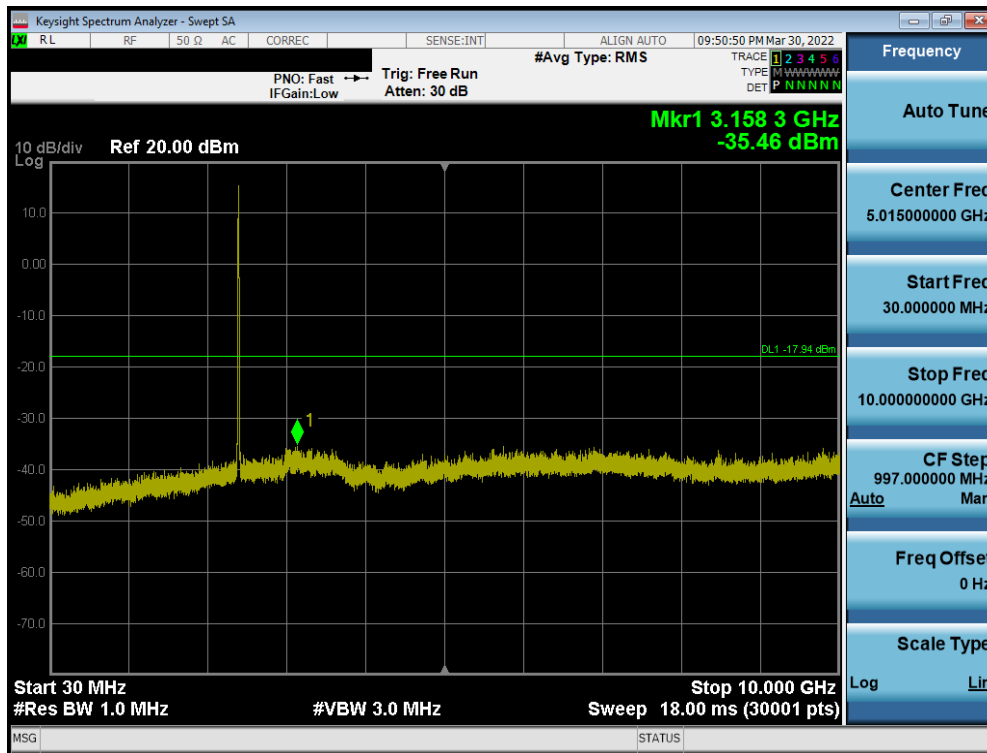
Plot 7-157. Conducted Spurious Plot SISO ANT1 (802.11b – Ch. 11)



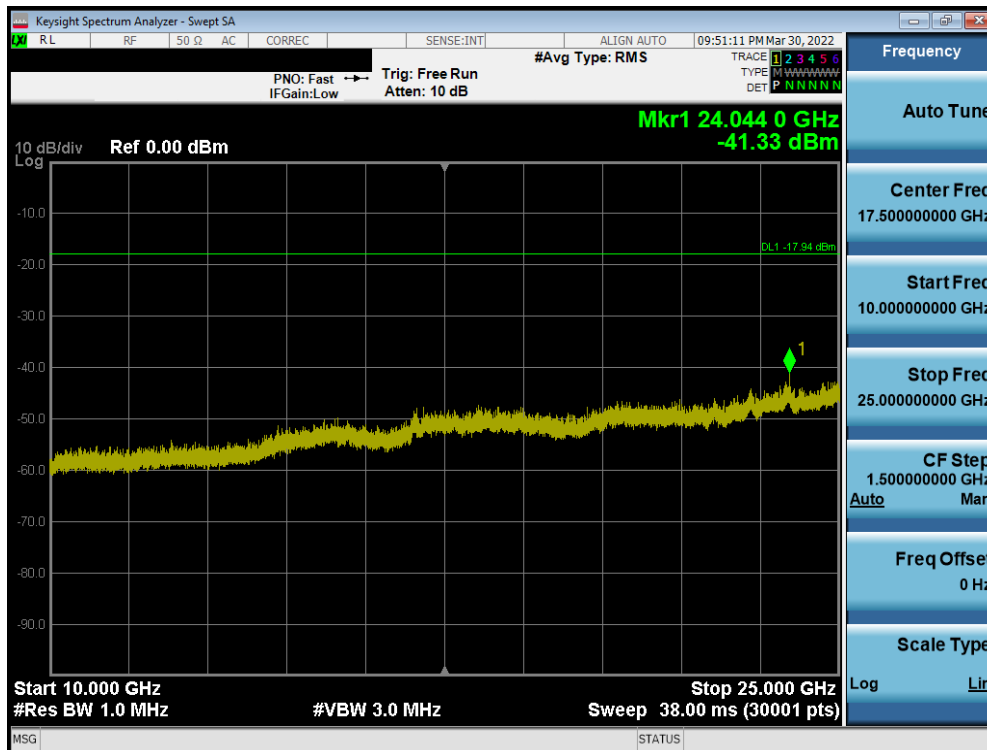
Plot 7-158. Conducted Spurious Plot SISO ANT1 (802.11b – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 111 of 164

SISO Antenna-2 Conducted Spurious Emissions

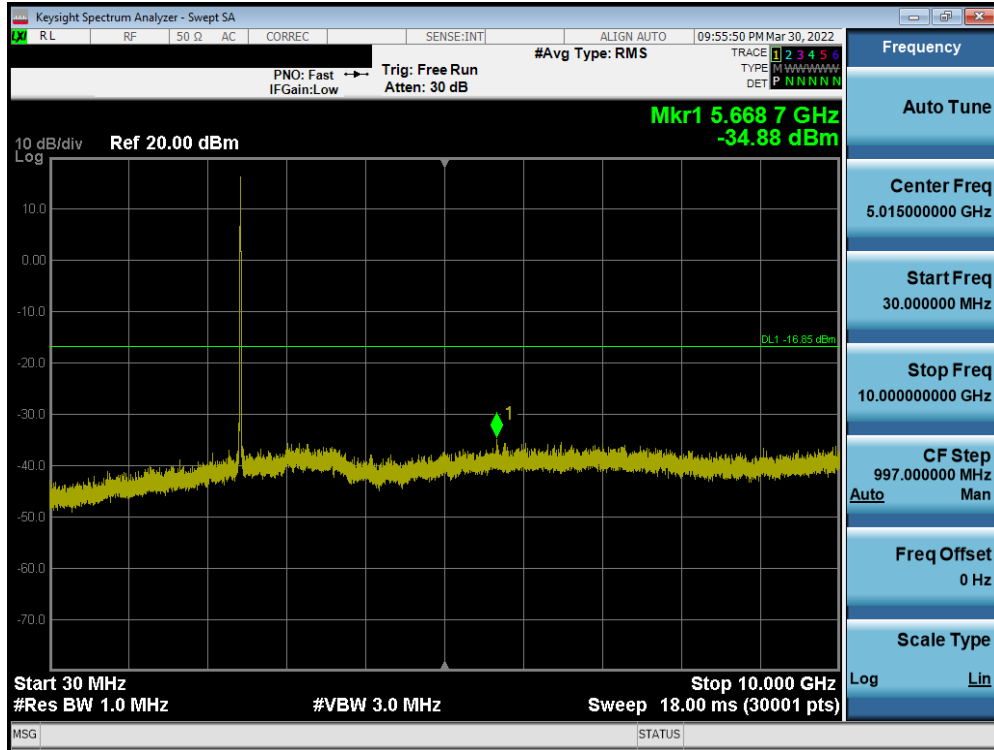


Plot 7-159. Conducted Spurious Plot SISO ANT2 (802.11b – Ch. 1)

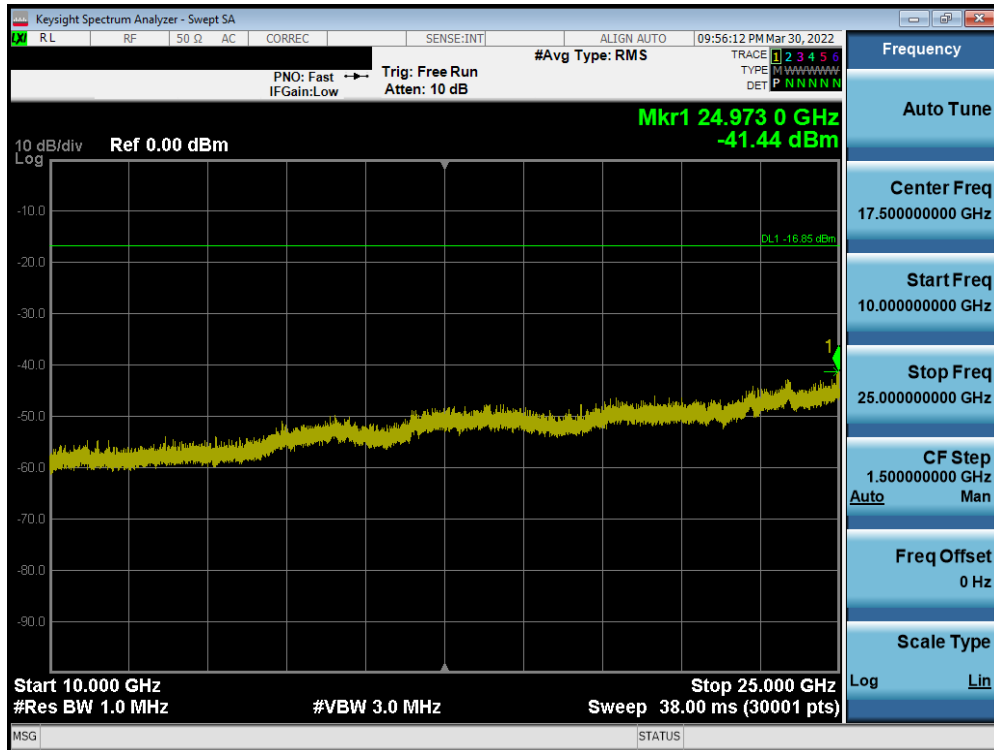


Plot 7-160. Conducted Spurious Plot SISO ANT2 (802.11b – Ch. 1)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 112 of 164

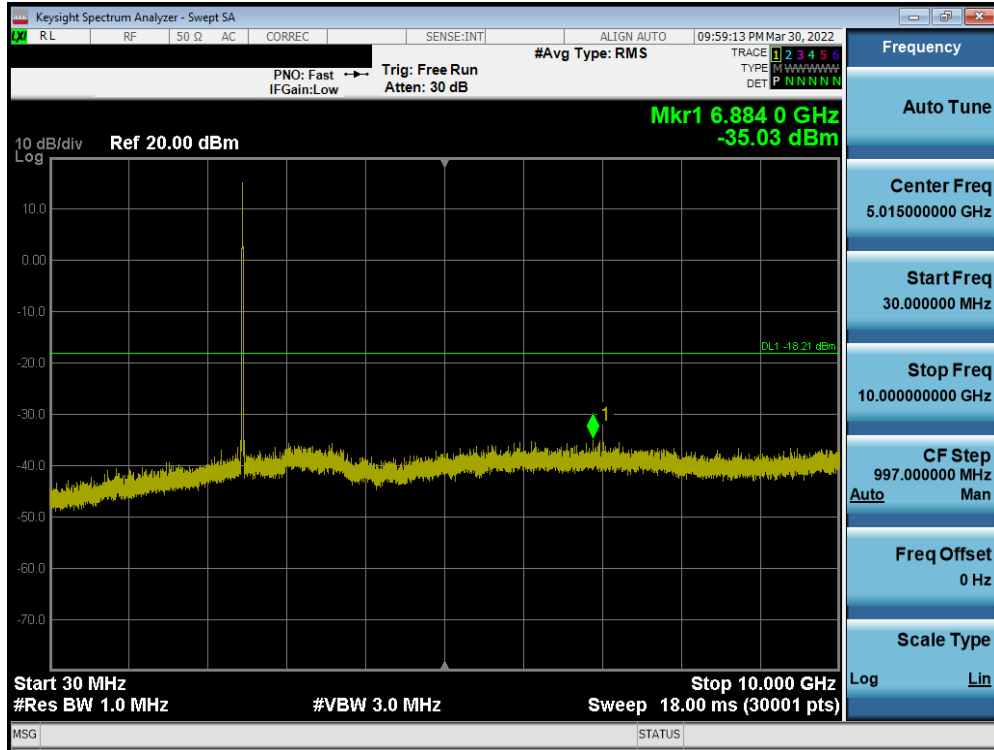


Plot 7-161. Conducted Spurious Plot SISO ANT2 (802.11b – Ch. 6)

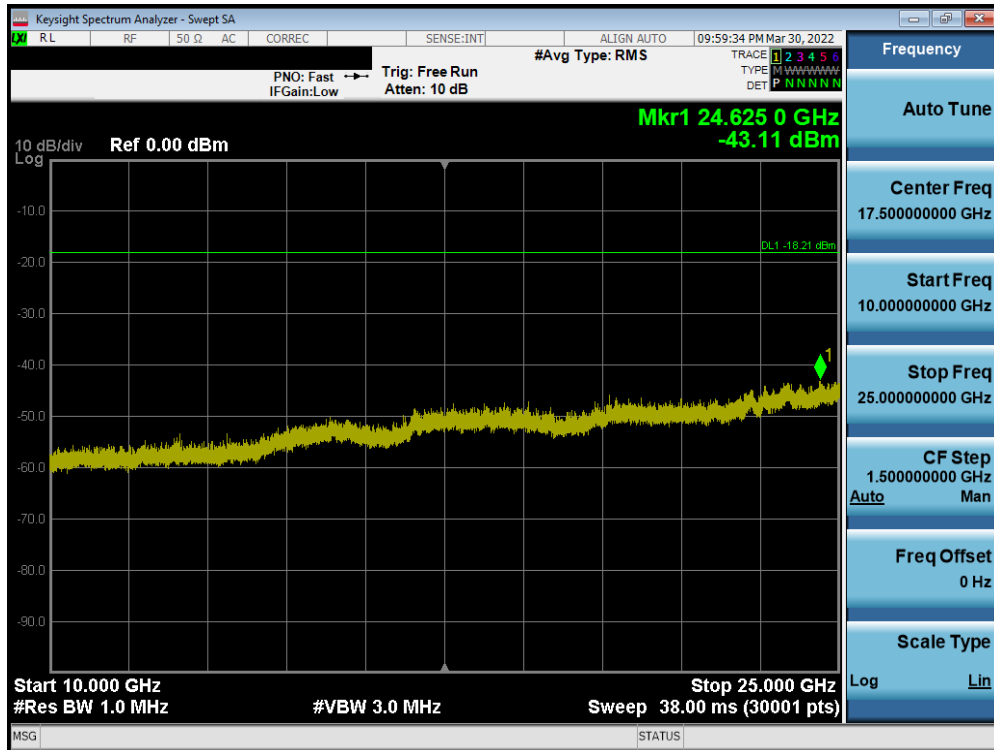


Plot 7-162. Conducted Spurious Plot SISO ANT2 (802.11b – Ch. 6)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 113 of 164



Plot 7-163. Conducted Spurious Plot SISO ANT2 (802.11b – Ch. 11)



Plot 7-164. Conducted Spurious Plot SISO ANT2 (802.11b – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 114 of 164



7.7 Radiated Spurious Emission Measurements – 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 6 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-17 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 7-17. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Section 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

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 115 of 164

V9.0 02/01/2019

Test Setup

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

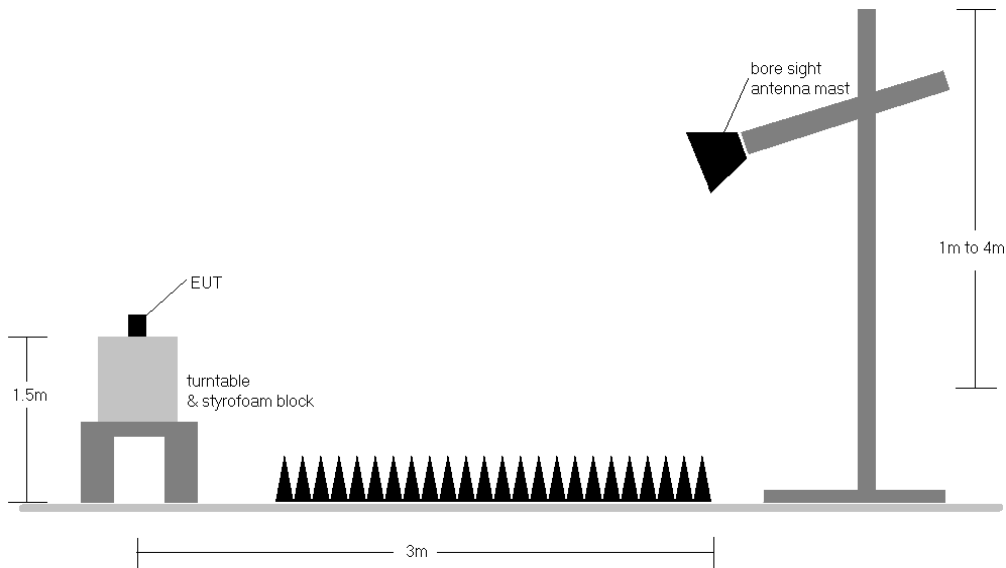


Figure 7-6. Test Instrument & Measurement Setup

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 7-17.
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. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
6. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. Radiated spurious emissions were investigated while operating in MIMO mode, however, it was determined that single antenna operation produced the worst case emissions. Since the emissions

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 116 of 164

produced from MIMO operation were found to be more than 20dB below the limit, the MIMO emissions are not reported.

8. 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.
9. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

Sample Calculations

Determining Spurious Emissions Levels

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

Radiated Band Edge Measurement Offset

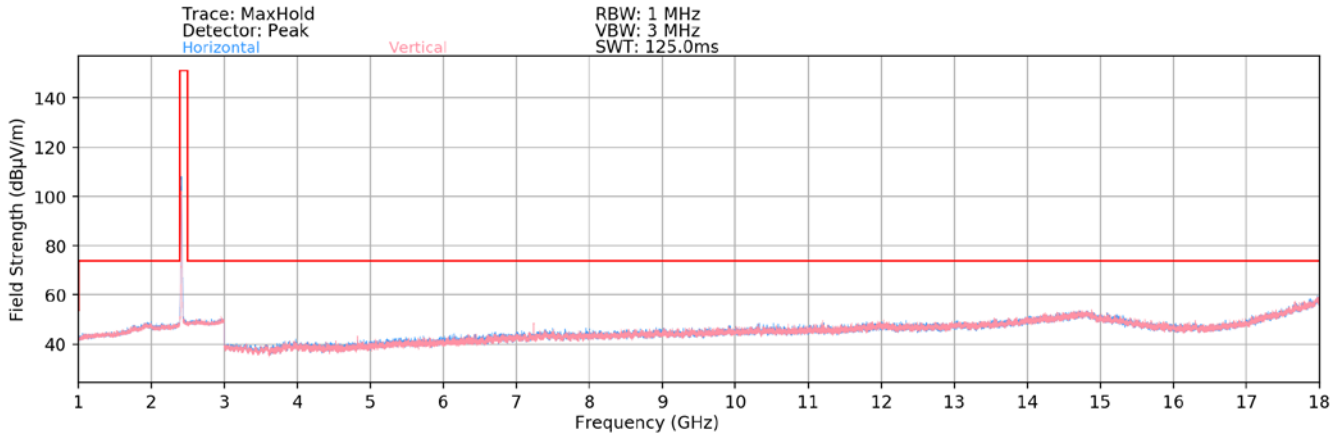
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.7 was calculated using the formula:

$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

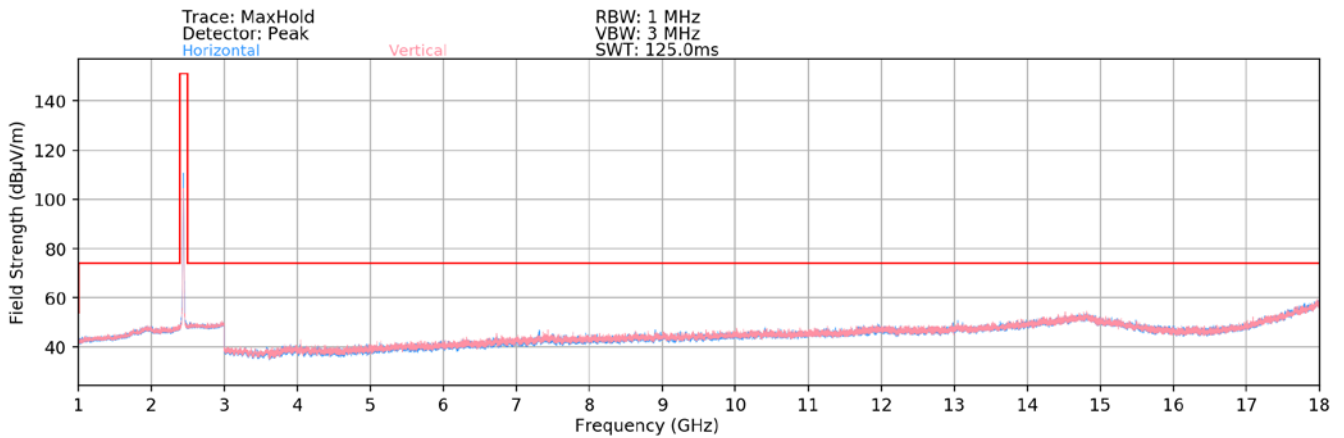
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 117 of 164

7.7.1 SISO Antenna-1 Radiated Spurious Emission Measurements

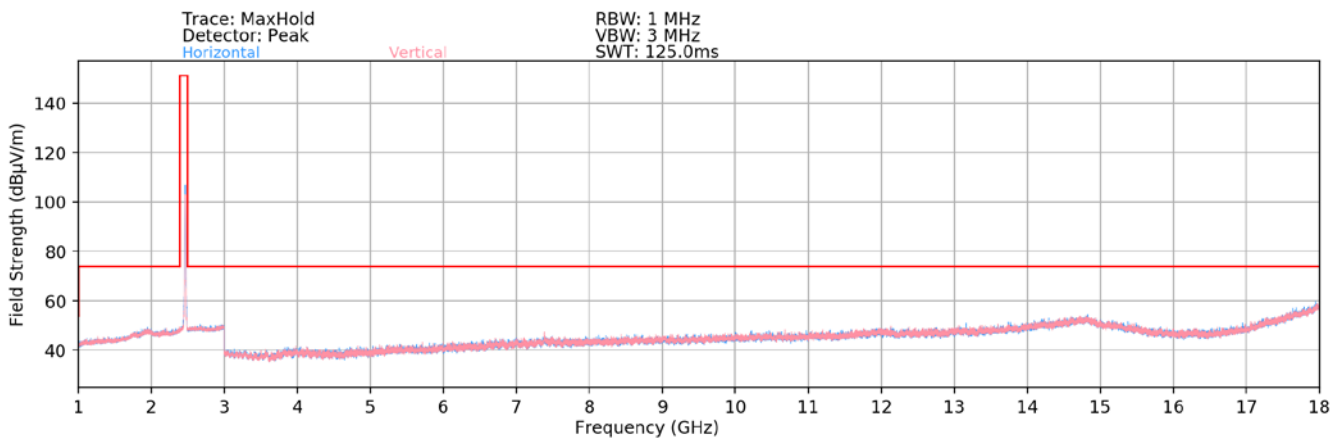
§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-165. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11b – Ch. 1)



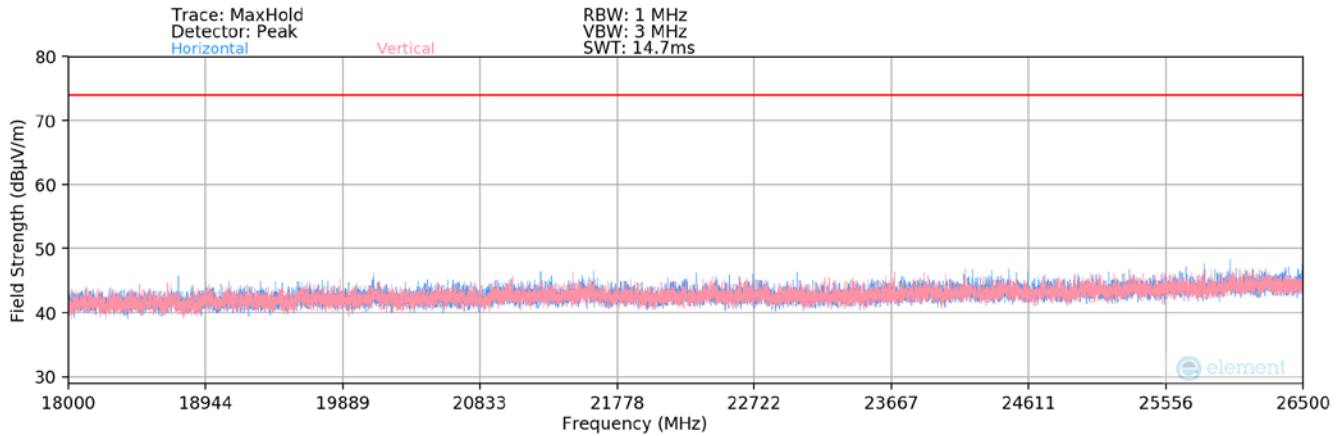
Plot 7-166. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11b – Ch. 6)



Plot 7-167. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11b – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 118 of 164

SISO Antenna-1 Radiated Spurious Emissions Measurements (Above 18GHz)
§15.209; RSS-Gen [8.9]



Plot 7-168. Radiated Spurious Plot above 18GHz SISO ANT1

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 119 of 164



SISO Antenna-1 Radiated Spurious Emission Measurements
§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11b
 Worst Case Transfer Rate: 1 Mbps
 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	-	-	-81.07	9.89	35.82	53.98	-18.16
4824.00	Peak	V	-	-	-70.90	9.89	45.99	73.98	-27.99
12060.00	Avg	V	-	-	-83.67	22.68	46.01	53.98	-7.97
12060.00	Peak	V	-	-	-73.80	22.68	55.88	73.98	-18.10

Table 7-18. Radiated Measurements SISO ANT1

Worst Case Mode: 802.11b
 Worst Case Transfer Rate: 1 Mbps
 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	-	-	-80.81	9.46	35.65	53.98	-18.33
4874.00	Peak	V	-	-	-70.83	9.46	45.63	73.98	-28.35
7311.00	Avg	V	-	-	-82.60	16.30	40.70	53.98	-13.28
7311.00	Peak	V	-	-	-71.81	16.30	51.49	73.98	-22.49
12185.00	Avg	V	-	-	-84.16	22.90	45.74	53.98	-8.24
12185.00	Peak	V	-	-	-73.68	22.90	56.22	73.98	-17.76

Table 7-19. Radiated Measurements SISO ANT1

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 120 of 164

Worst Case Mode: 802.11b
 Worst Case Transfer Rate: 1 Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11

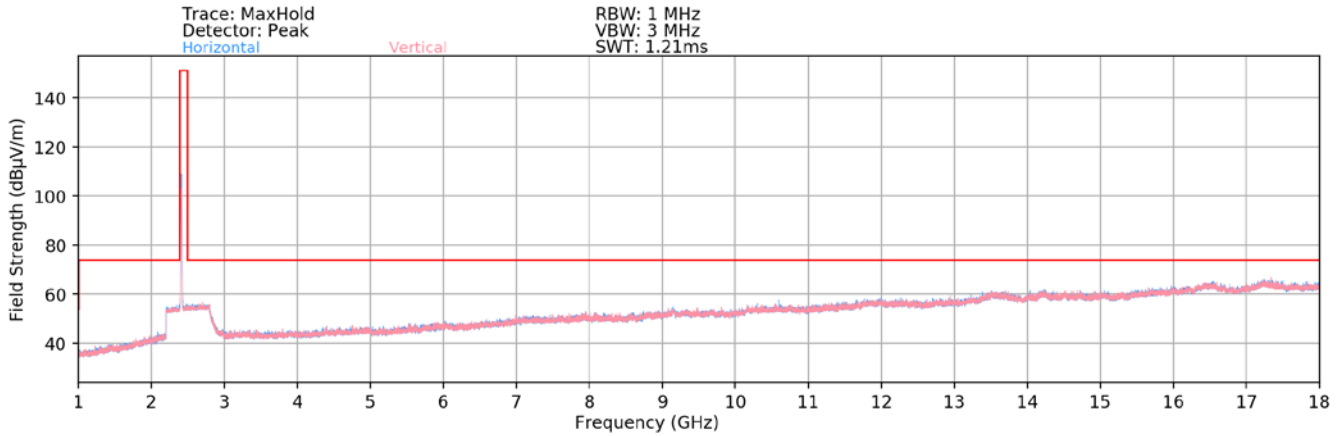
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4924.00	Avg	V	-	-	-80.74	9.57	35.83	53.98	-18.15
4924.00	Peak	V	-	-	-70.72	9.57	45.85	73.98	-28.13
7386.00	Avg	V	218	234	-71.78	15.38	50.60	53.98	-3.38
7386.00	Peak	V	218	234	-81.21	15.38	41.17	73.98	-32.81
12310.00	Avg	V	-	-	-84.48	23.13	45.65	53.98	-8.33
12310.00	Peak	V	-	-	-74.04	23.13	56.09	73.98	-17.89

Table 7-20. Radiated Measurements SISO ANT1

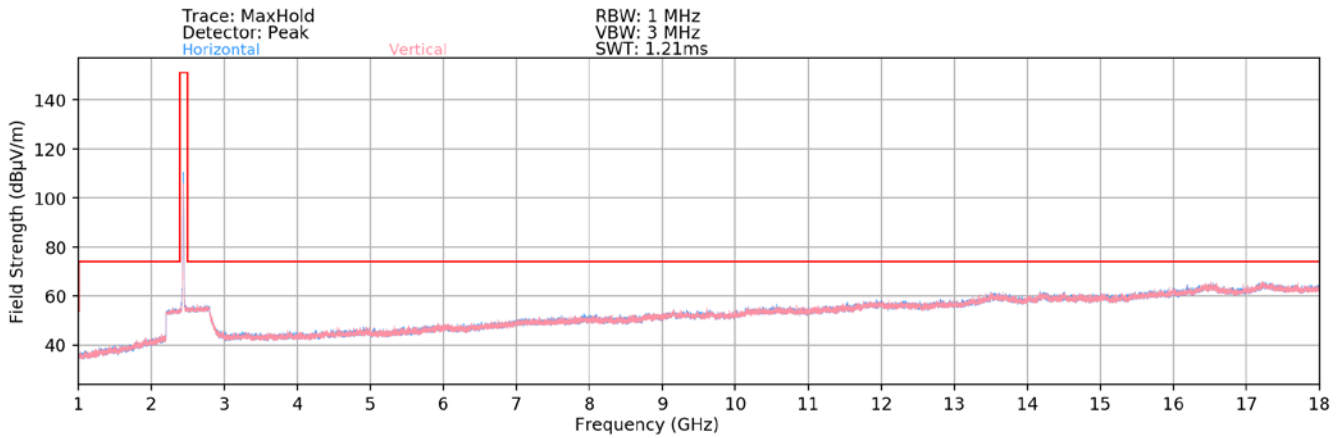
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 121 of 164

7.7.2 SISO Antenna-2 Radiated Spurious Emission Measurements

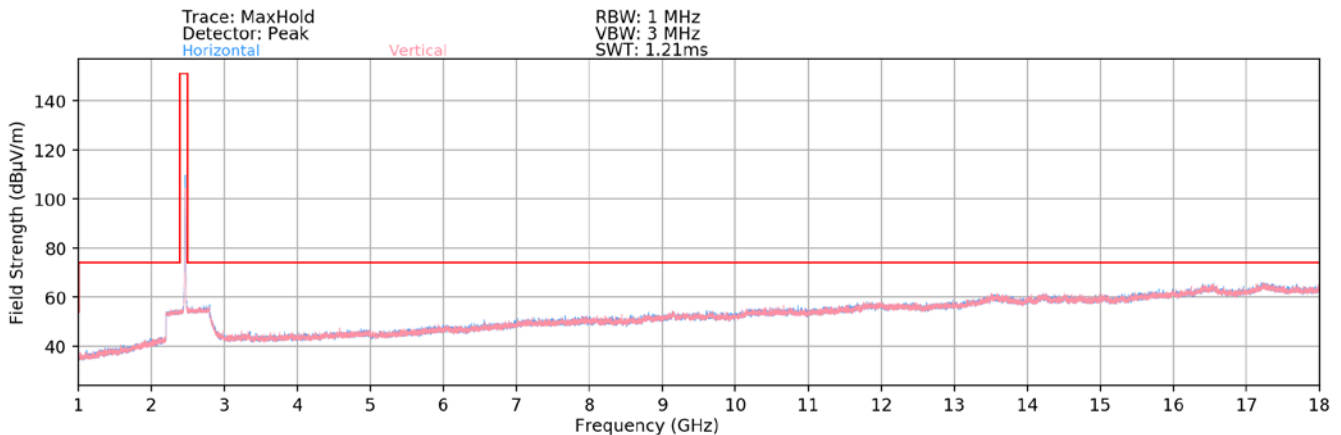
§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-169. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11b – Ch. 1)



Plot 7-170. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11b – Ch. 6)

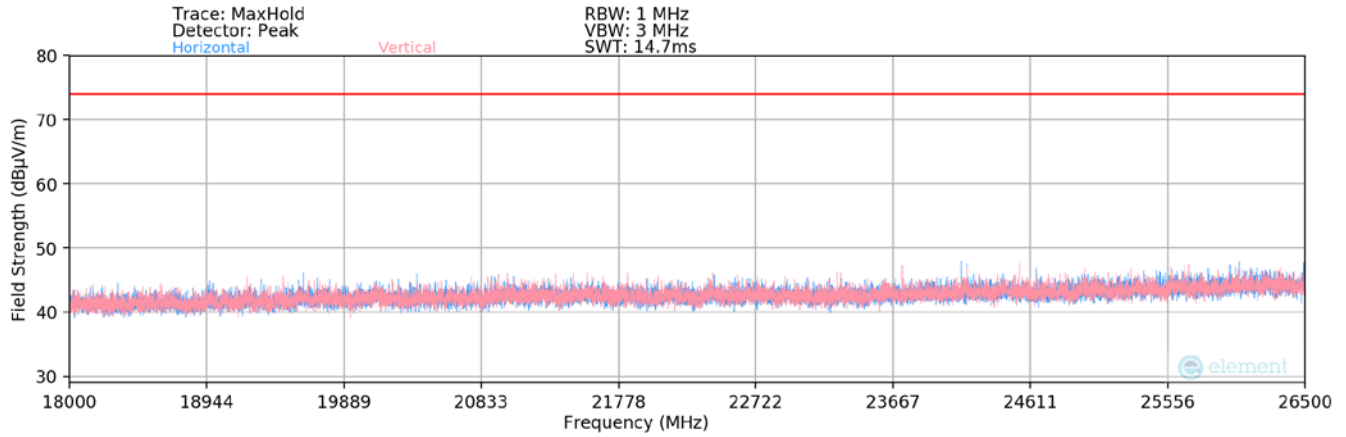


Plot 7-171. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11b – Ch. 11)

SISO Antenna-2 Radiated Spurious Emissions Measurements (Above 18GHz)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 122 of 164

§15.209; RSS-Gen [8.9]



Plot 7-172. Radiated Spurious Plot above 18GHz SISO ANT2

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 123 of 164



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

Worst Case Mode: 802.11b
 Worst Case Transfer Rate: 1 Mbps
 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	H	-	-	-81.10	9.91	35.81	53.98	-18.17
4824.00	Peak	H	-	-	-70.62	9.91	46.29	73.98	-27.69
12060.00	Avg	H	-	-	-84.64	22.86	45.22	53.98	-8.76
12060.00	Peak	H	-	-	-73.07	22.86	56.79	73.98	-17.19

Table 7-21. Radiated Measurements SISO ANT2

Worst Case Mode: 802.11b
 Worst Case Transfer Rate: 1 Mbps
 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	H	-	-	-80.77	9.51	35.74	53.98	-18.24
4874.00	Peak	H	-	-	-70.46	9.51	46.05	73.98	-27.93
7311.00	Avg	H	221	170	-79.60	16.35	43.75	53.98	-10.23
7311.00	Peak	H	221	170	-70.67	16.35	52.68	73.98	-21.30
12185.00	Avg	H	-	-	-84.17	23.08	45.91	53.98	-8.07
12185.00	Peak	H	-	-	-73.54	23.08	56.54	73.98	-17.44

Table 7-22. Radiated Measurements SISO ANT2

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 124 of 164

Worst Case Mode: 802.11b
 Worst Case Transfer Rate: 1 Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11

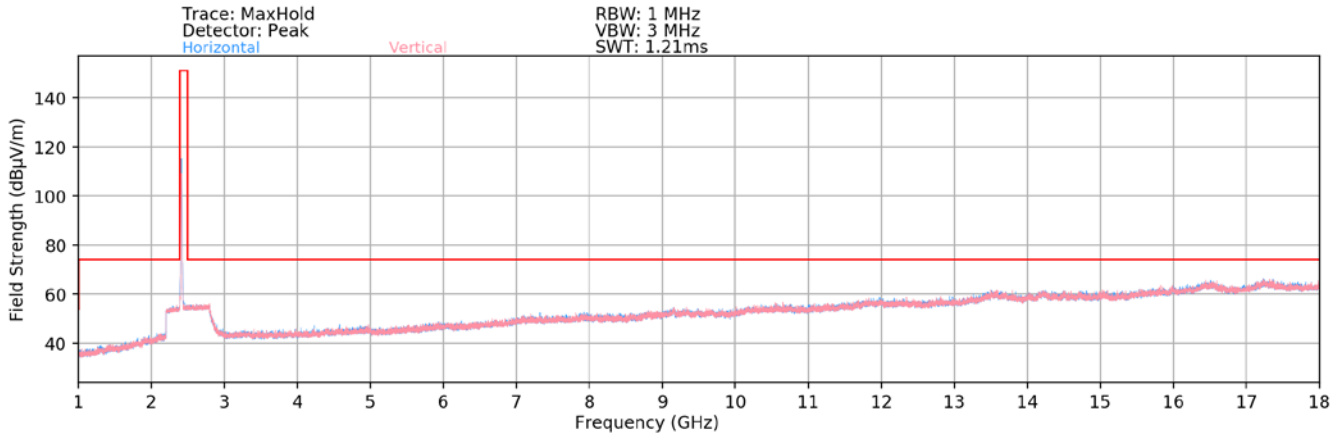
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4924.00	Avg	H	209	192	-79.96	9.65	36.69	53.98	-17.29
4924.00	Peak	H	209	192	-69.92	9.65	46.73	73.98	-27.25
7386.00	Avg	H	-	-	-82.68	15.46	39.78	53.98	-14.20
7386.00	Peak	H	-	-	-71.91	15.46	50.55	73.98	-23.43
12310.00	Avg	H	-	-	-84.77	23.26	45.49	53.98	-8.48
12310.00	Peak	H	-	-	-73.86	23.26	56.40	73.98	-17.57

Table 7-23. Radiated Measurements SISO ANT2

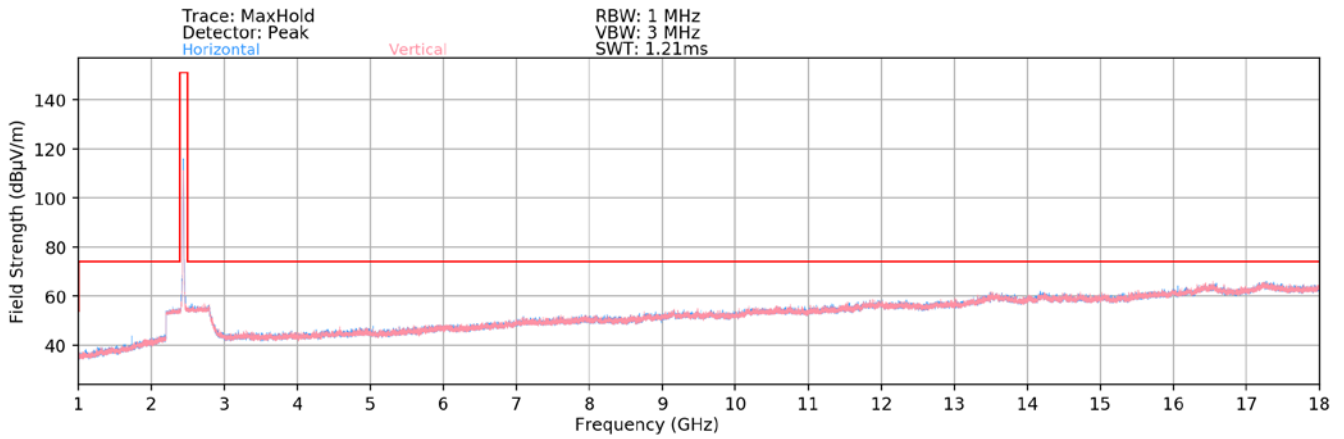
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 125 of 164

7.7.3 CDD Radiated Spurious Emission Measurements

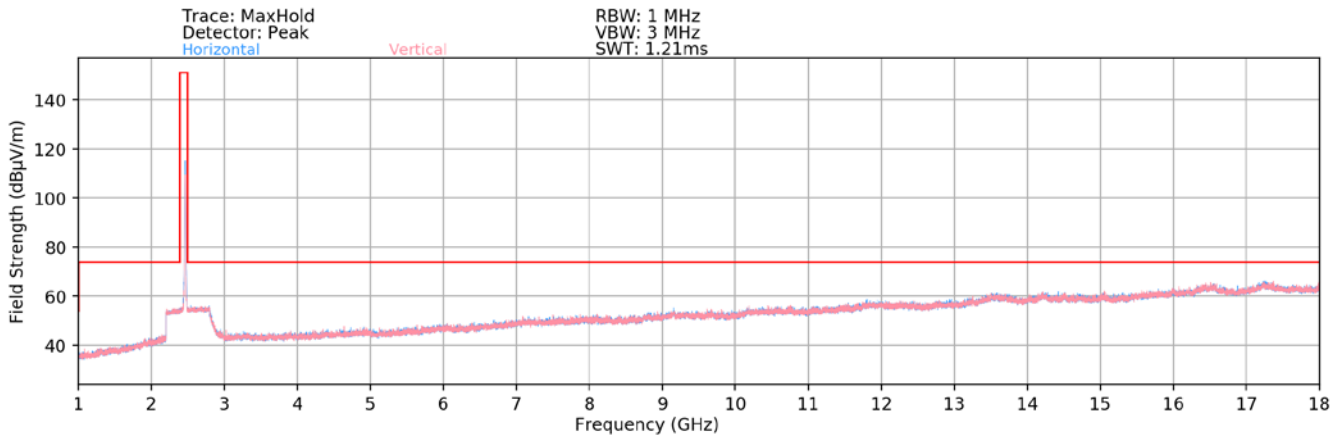
§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-173. Radiated Spurious Plot above 1GHz CDD (802.11g – Ch. 1)



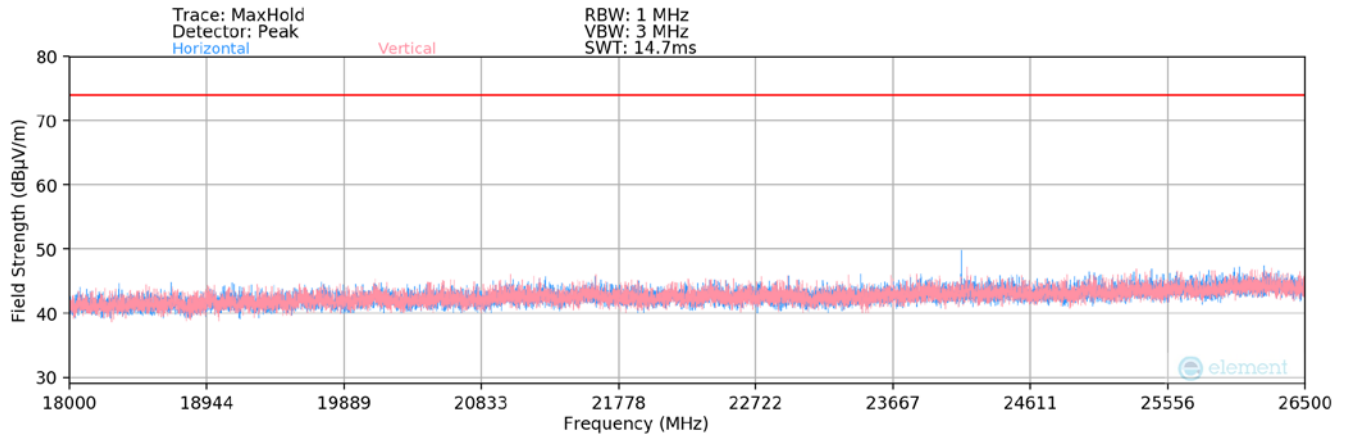
Plot 7-174. Radiated Spurious Plot above 1GHz CDD (802.11g – Ch. 6)



Plot 7-175. Radiated Spurious Plot above 1GHz CDD (802.11g – Ch. 11)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 126 of 164

CDD Radiated Spurious Emissions Measurements (Above 18GHz)
§15.209; RSS-Gen [8.9]



Plot 7-176. Radiated Spurious Plot above 18GHz CDD

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 127 of 164



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

Worst Case Mode: 802.11g
 Worst Case Transfer Rate: 6 Mbps
 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	-	-	-81.64	1.13	26.49	53.98	-27.49
4824.00	Peak	V	-	-	-69.55	1.13	38.58	73.98	-35.40
12060.00	Avg	V	-	-	-81.44	12.67	38.23	53.98	-15.74
12060.00	Peak	V	-	-	-68.98	12.67	50.69	73.98	-23.28

Table 7-24. Radiated Measurements CDD

Worst Case Mode: 802.11g
 Worst Case Transfer Rate: 6 Mbps
 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	125	271	-79.29	1.26	28.97	53.98	-25.01
4874.00	Peak	V	125	271	-67.75	1.26	40.51	73.98	-33.47
7311.00	Avg	V	107	170	-75.64	7.14	38.50	53.98	-15.48
7311.00	Peak	V	107	170	-66.13	7.14	48.01	73.98	-25.97
12185.00	Avg	V	-	-	-82.41	12.41	37.00	53.98	-16.98
12185.00	Peak	V	-	-	-70.20	12.41	49.21	73.98	-24.77

Table 7-25. Radiated Measurements CDD

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 128 of 164

Worst Case Mode: 802.11g
 Worst Case Transfer Rate: 6 Mbps
 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	-	-	-76.97	1.38	31.41	53.98	-22.57
4924.00	Peak	V	-	-	-65.69	1.38	42.69	73.98	-31.29
7386.00	Avg	V	400	177	-74.93	7.55	39.62	53.98	-14.36
7386.00	Peak	V	400	177	-64.28	7.55	50.27	73.98	-23.71
12310.00	Avg	V	-	-	-80.85	12.46	38.61	53.98	-15.36
12310.00	Peak	V	-	-	-69.21	12.46	50.25	73.98	-23.72

Table 7-26. Radiated Measurements CDD

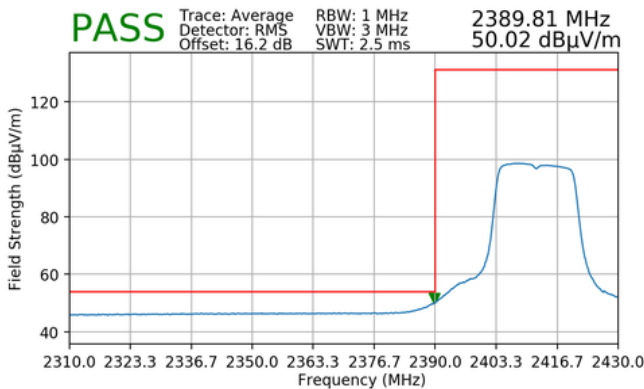
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 129 of 164

7.7.4 SISO Antenna-1 Radiated Restricted Band Edge Measurements

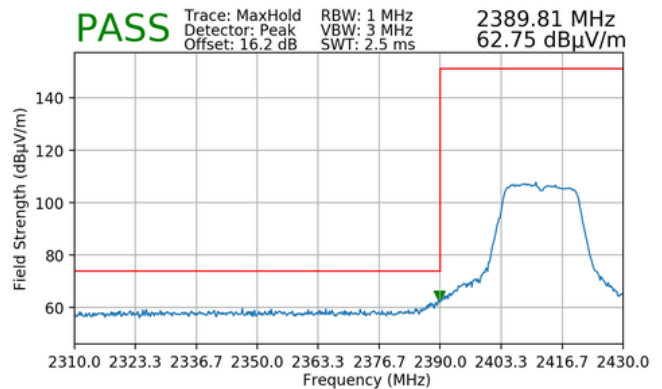
§15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

Worst Case Mode:	802.11g
Worst Case Transfer Rate:	6 Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1

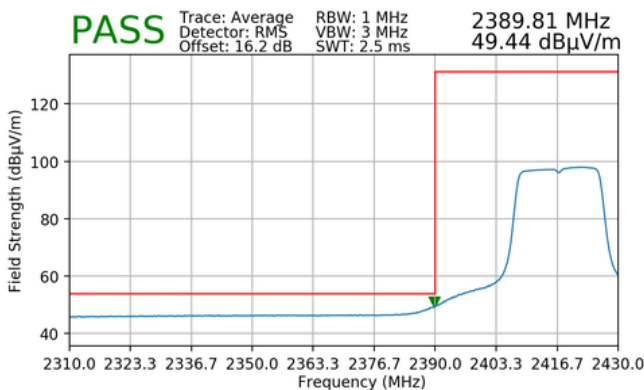


Plot 7-177. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Average)

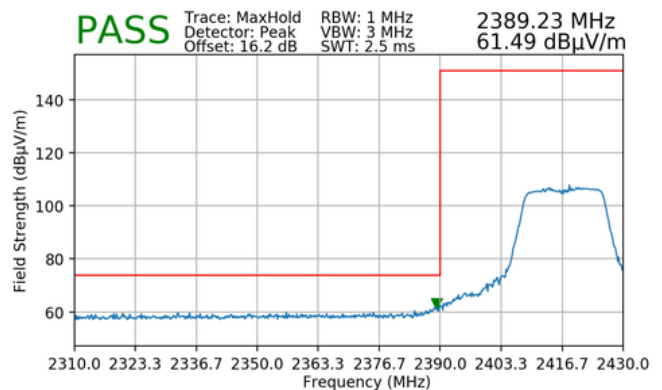


Plot 7-178. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Peak)

Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	2417MHz
Channel:	2



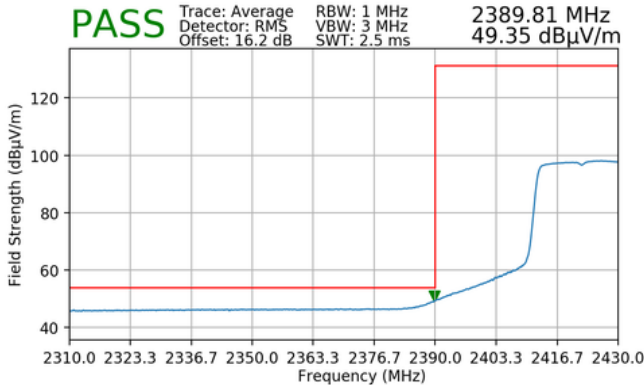
Plot 7-179. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Average)



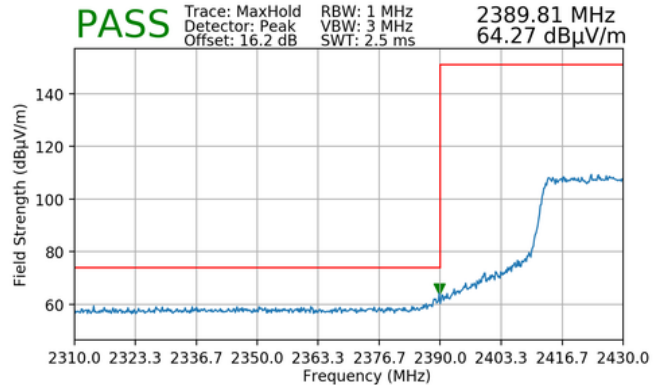
Plot 7-180. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Peak)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 130 of 164

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2422MHz
 Channel: 3

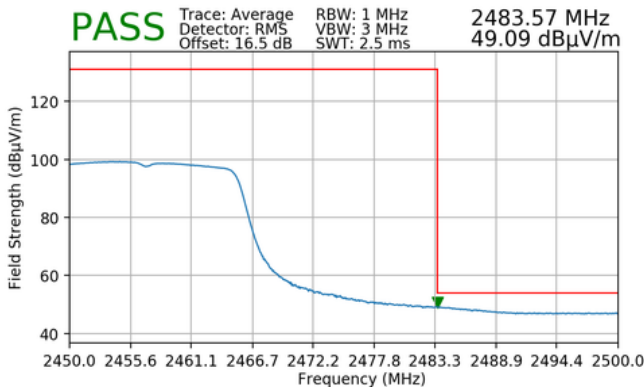


Plot 7-181. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Average)

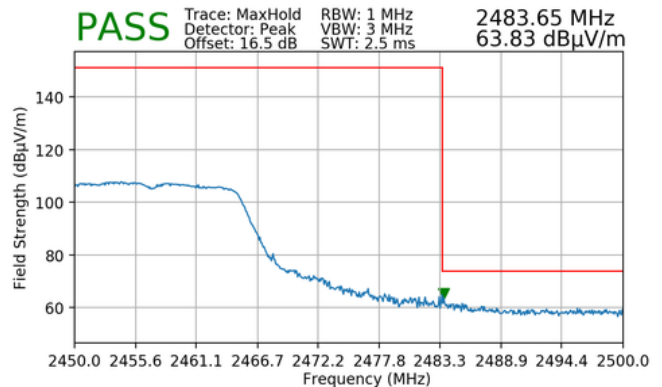


Plot 7-182. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Peak)

Worst Case Mode: 802.11g
 Worst Case Transfer Rate: 6 Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 2457MHz
 Channel: 10



Plot 7-183. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)

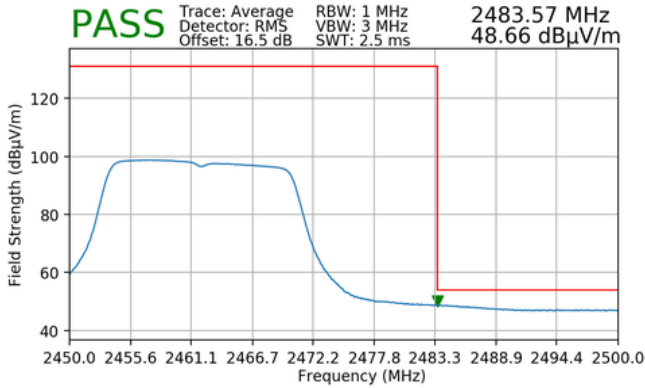


Plot 7-184. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

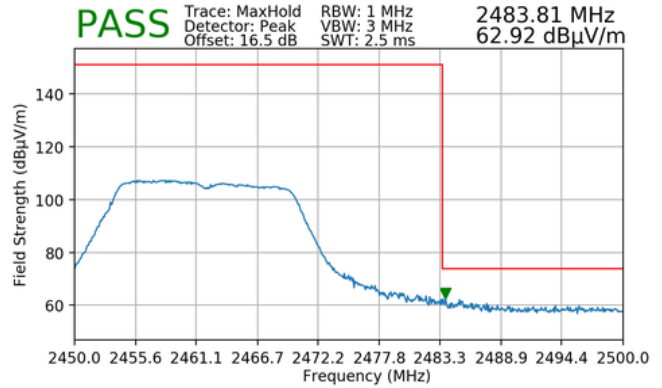
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 131 of 164



Worst Case Mode: 802.11g
 Worst Case Transfer Rate: 6 Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11

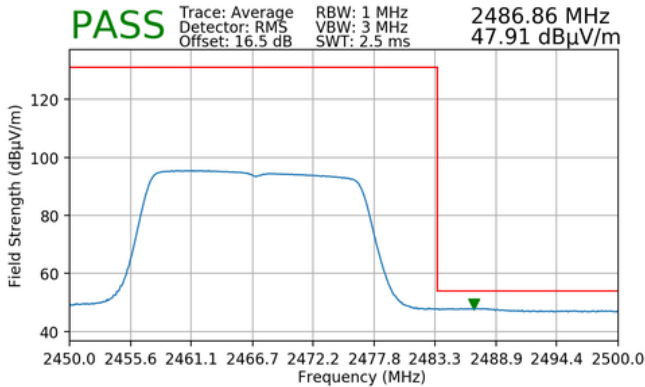


Plot 7-185. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)

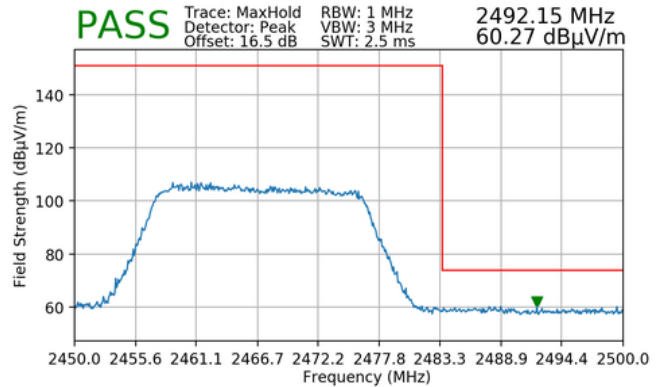


Plot 7-186. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2467MHz
 Channel: 12



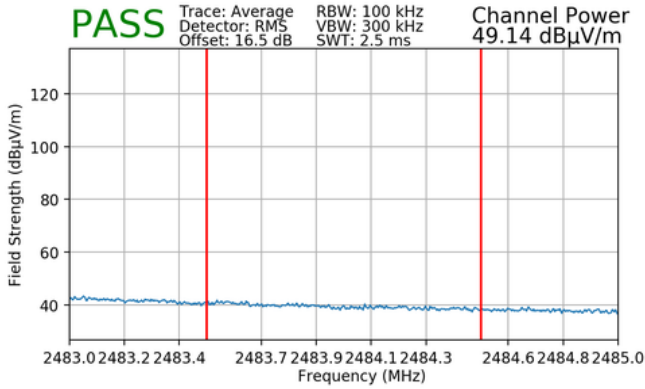
Plot 7-187. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)



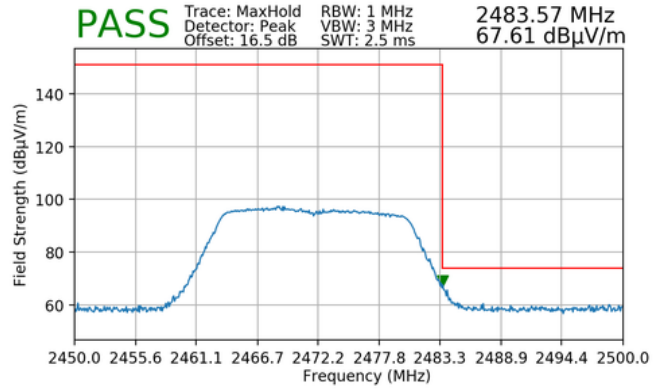
Plot 7-188. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 132 of 164

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2472MHz
 Channel: 13



Plot 7-189. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)



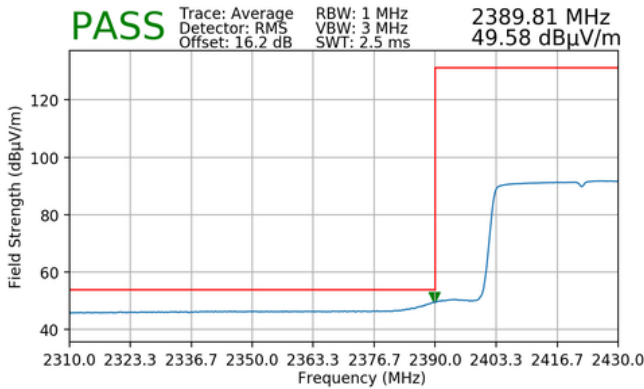
Plot 7-190. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 133 of 164

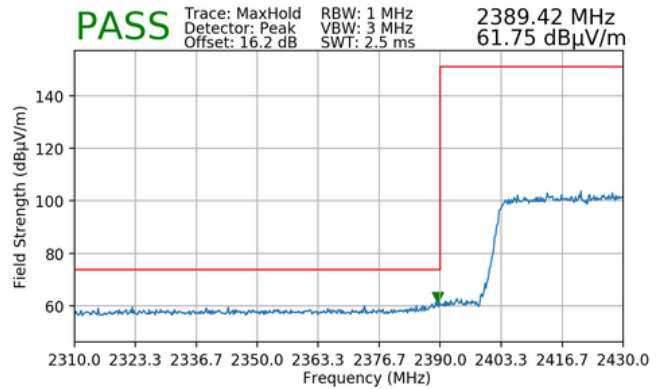
7.7.5 SISO Antenna-1 Radiated Restricted Band Edge Measurements 40MHz BW §15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	2422MHz
Channel:	3

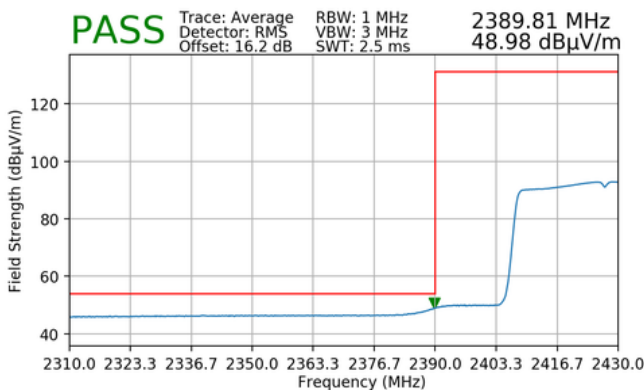


Plot 7-191. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Average)

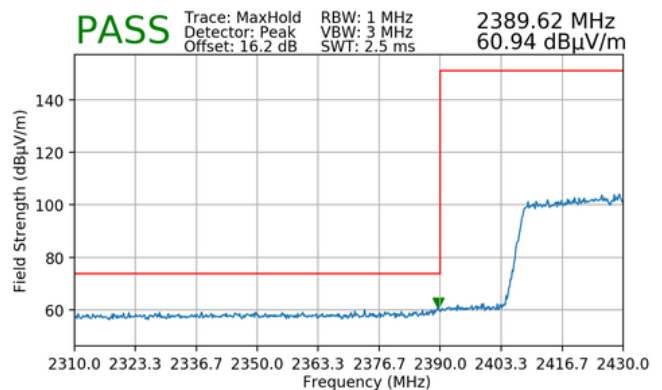


Plot 7-192. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Peak)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	2427MHz
Channel:	4



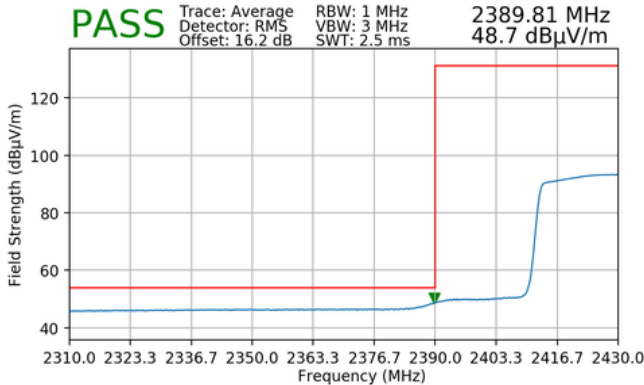
Plot 7-193. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Average)



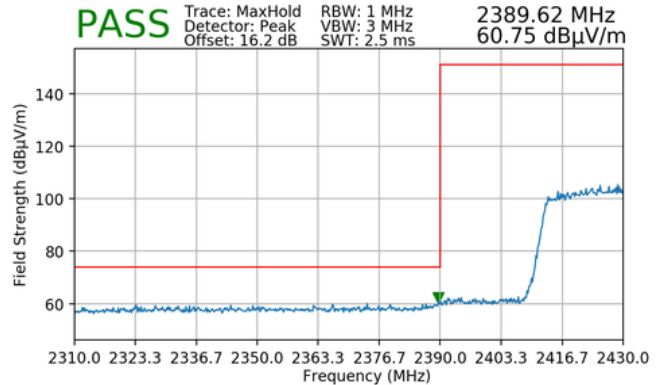
Plot 7-194. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Peak)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 134 of 164

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2432MHz
 Channel: 5

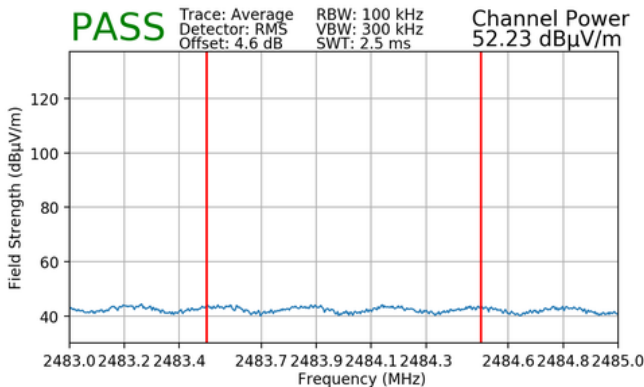


Plot 7-195. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Average)

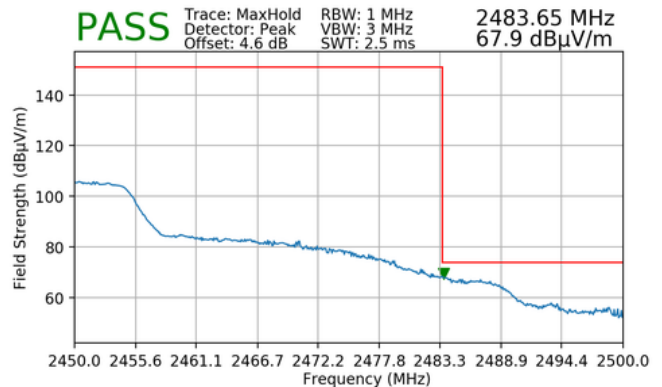


Plot 7-196. Radiated Restricted Lower Band Edge Measurement SISO ANT1 (Peak)

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6



Plot 7-197. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)

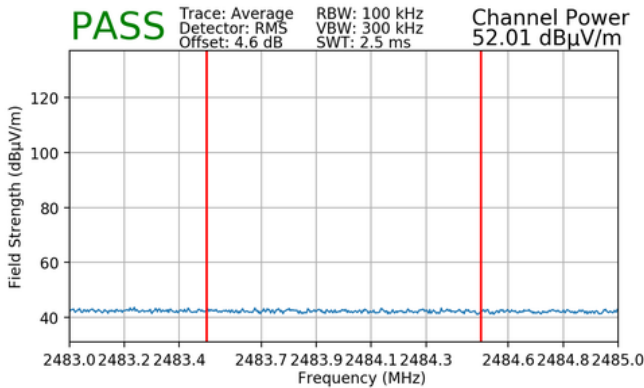


Plot 7-198. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

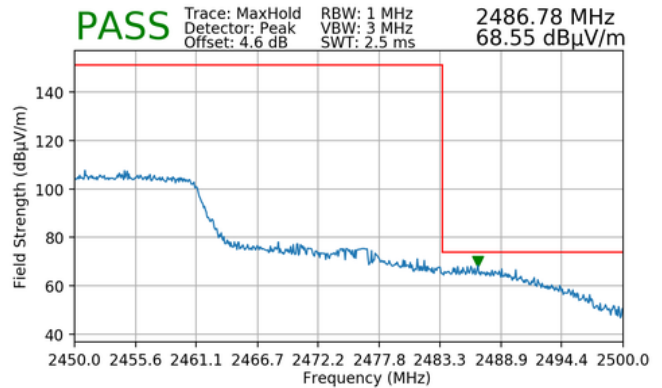
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 135 of 164



Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2442MHz
 Channel: 7

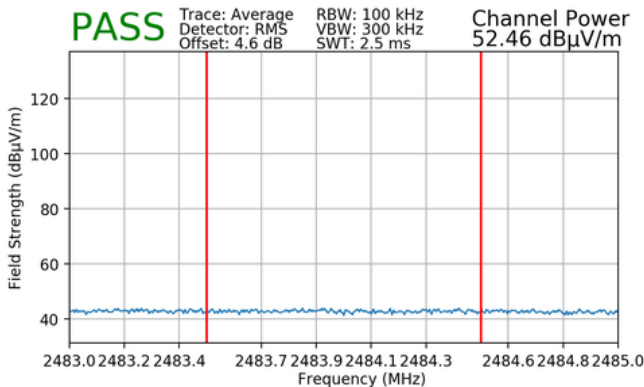


Plot 7-199. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)

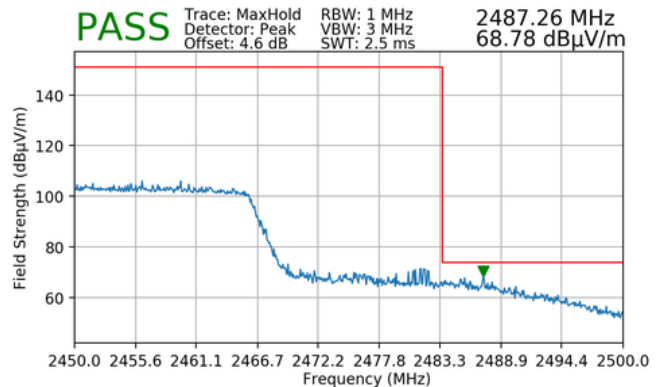


Plot 7-200. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2447MHz
 Channel: 8



Plot 7-201. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)



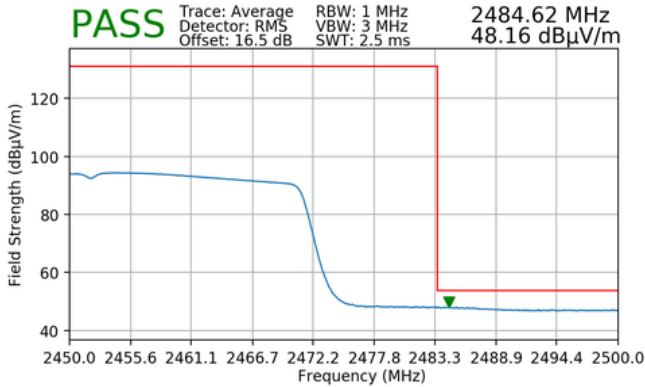
Plot 7-202. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 136 of 164

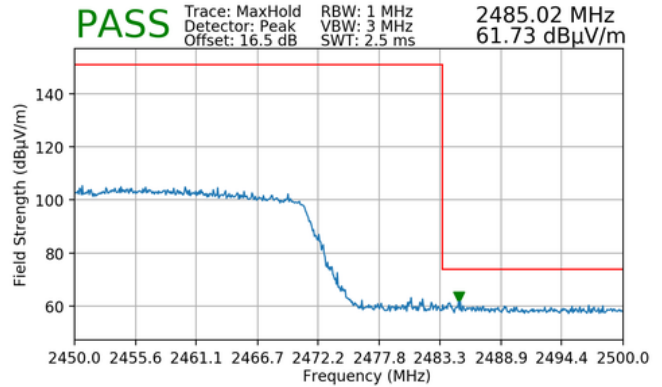
V9.0 02/01/2019

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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2452MHz
 Channel: 9

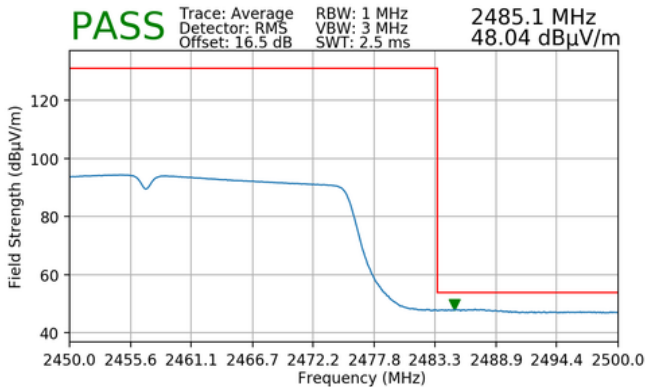


Plot 7-203. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)

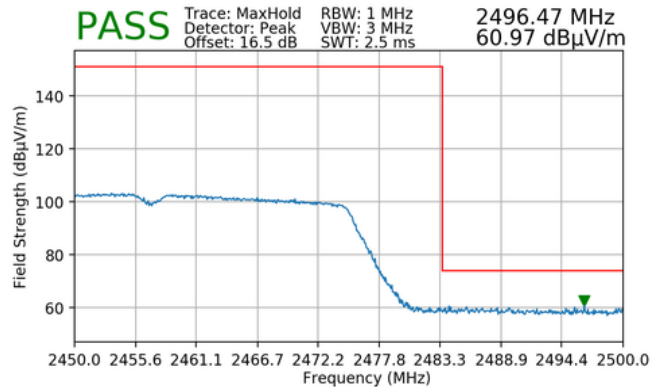


Plot 7-204. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2457MHz
 Channel: 10



Plot 7-205. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)

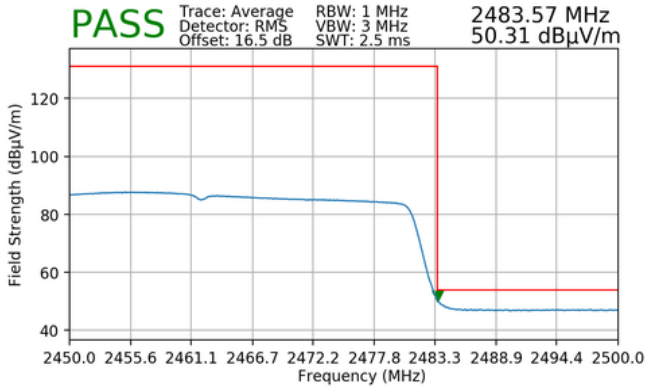


Plot 7-206. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

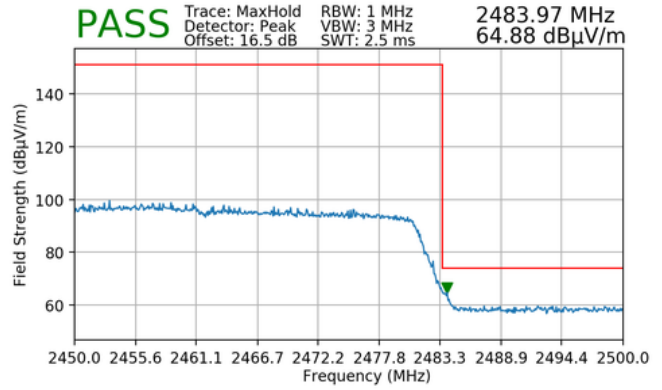
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 137 of 164



Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11



Plot 7-207. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Average)



Plot 7-208. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 138 of 164

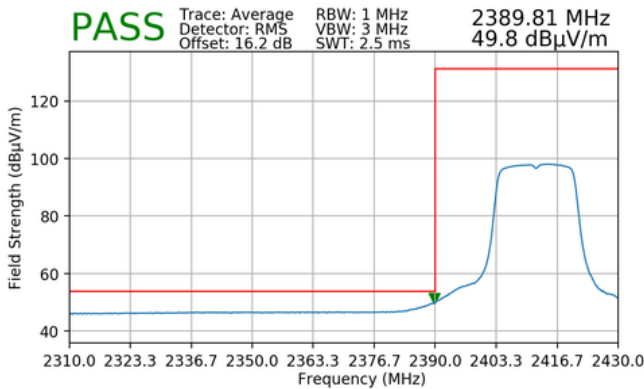
V9.0 02/01/2019

7.7.6 SISO Antenna-2 Radiated Restricted Band Edge Measurements

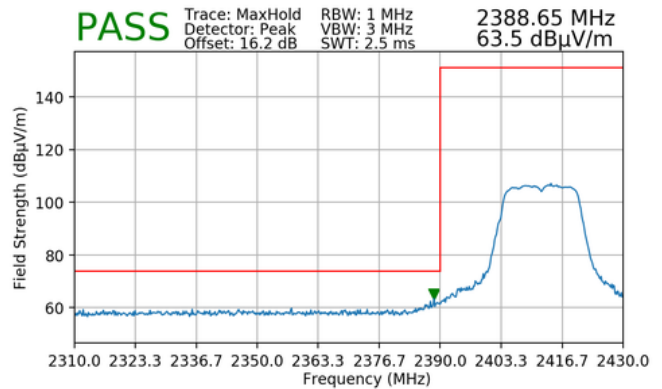
§15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

Worst Case Mode:	802.11g
Worst Case Transfer Rate:	6 Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1

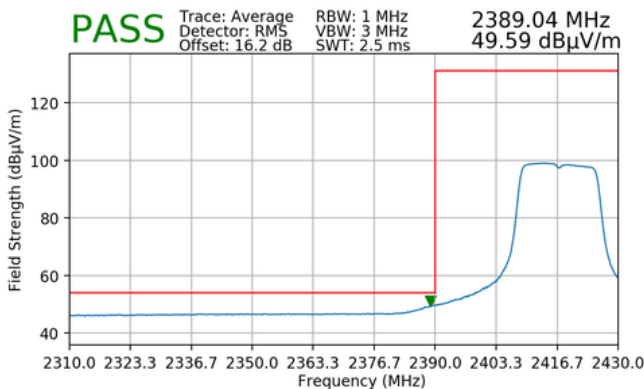


Plot 7-209. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average)

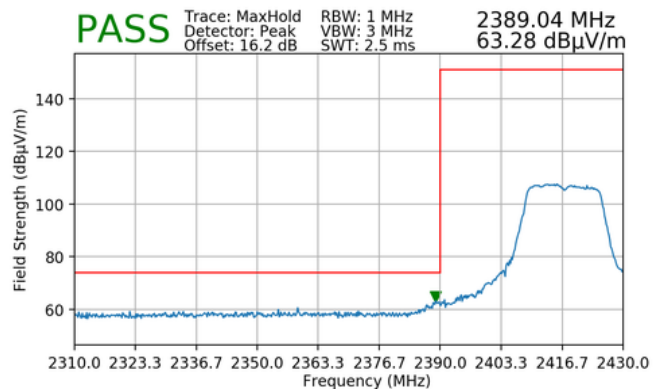


Plot 7-210. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak)

Worst Case Mode:	802.11g
Worst Case Transfer Rate:	6 Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	2417MHz
Channel:	2



Plot 7-211. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average)

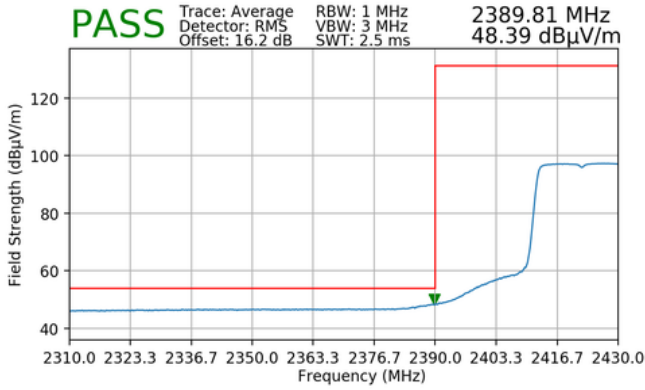


Plot 7-212. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak)

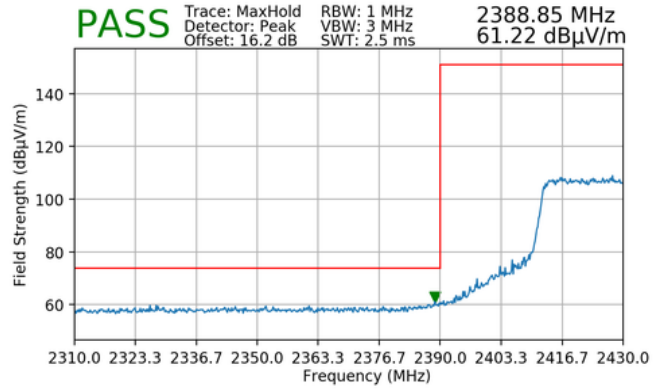
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 139 of 164



Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2422MHz
 Channel: 3

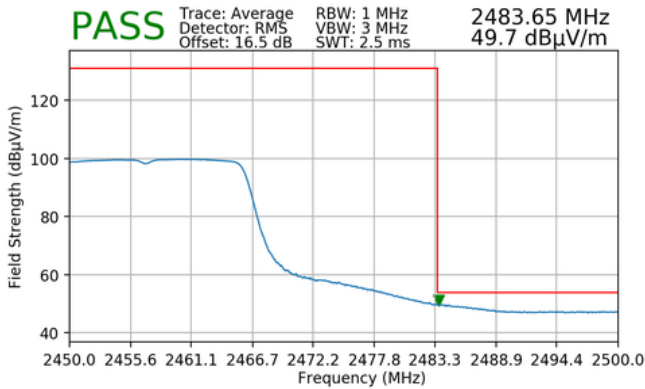


Plot 7-213. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average)

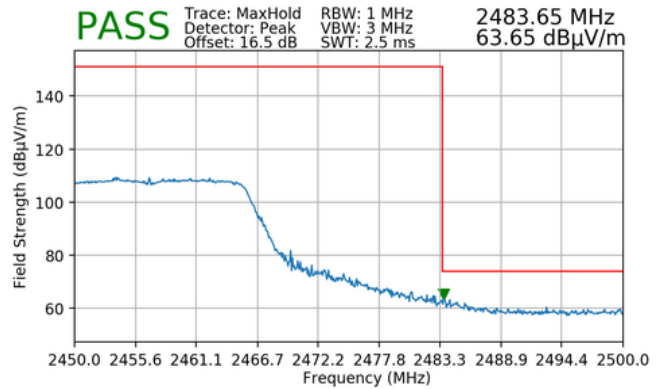


Plot 7-214. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak)

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2457MHz
 Channel: 10



Plot 7-215. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average)



Plot 7-216. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak)

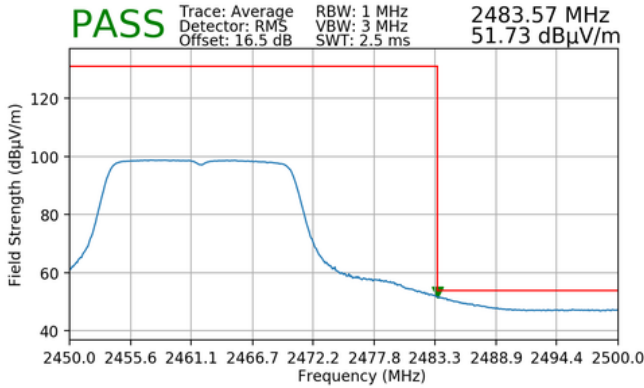
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 140 of 164

V9.0 02/01/2019

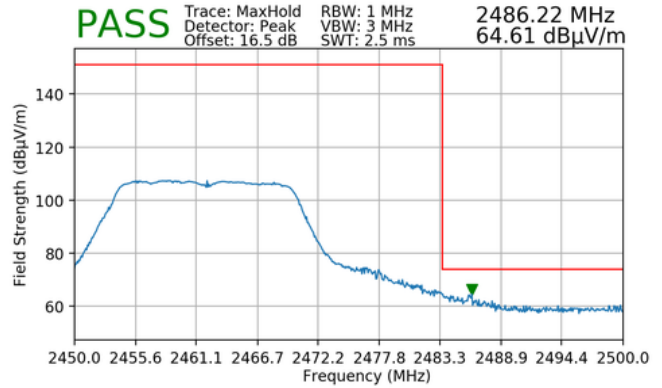
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Worst Case Mode: 802.11g
 Worst Case Transfer Rate: 6 Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11

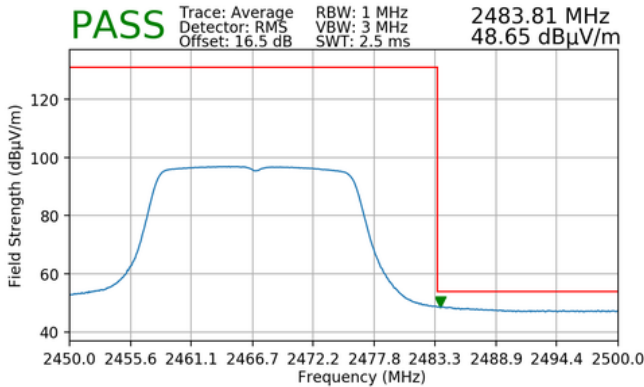


Plot 7-217. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average)

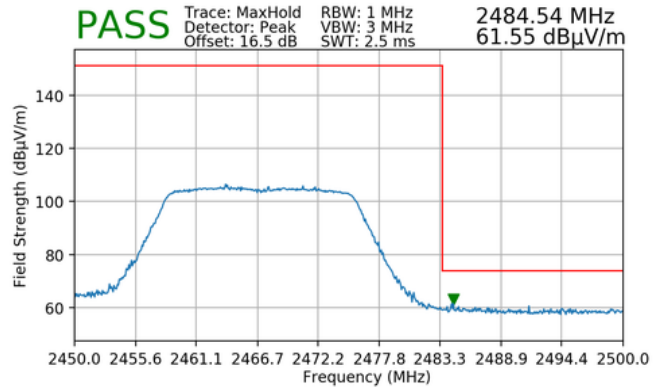


Plot 7-218. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak)

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 2467MHz
 Channel: 12



Plot 7-219. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average)



Plot 7-220. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATON)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-13-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 141 of 164

V9.0 02/01/2019