
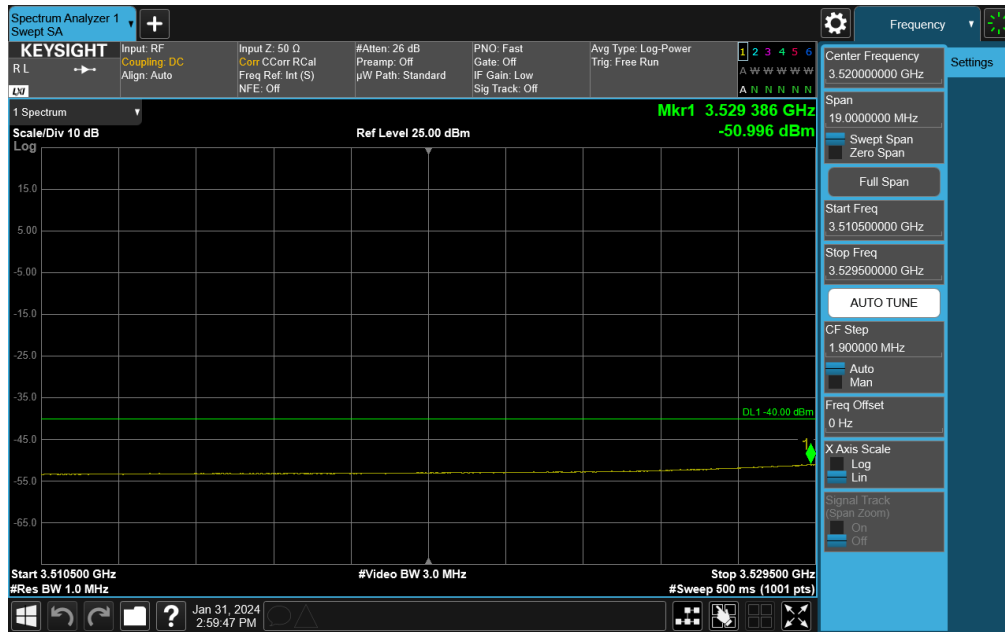
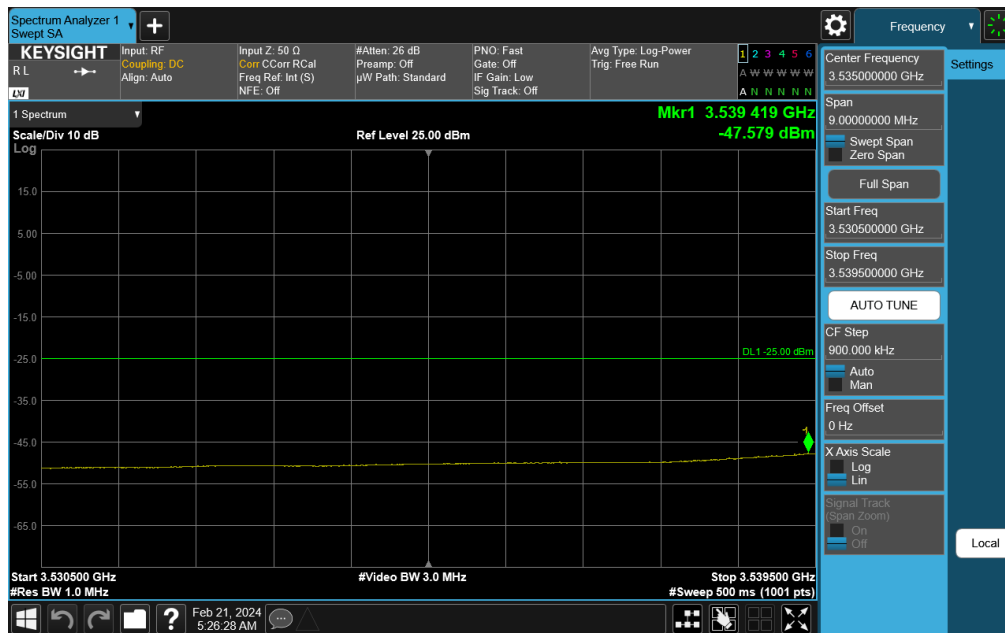


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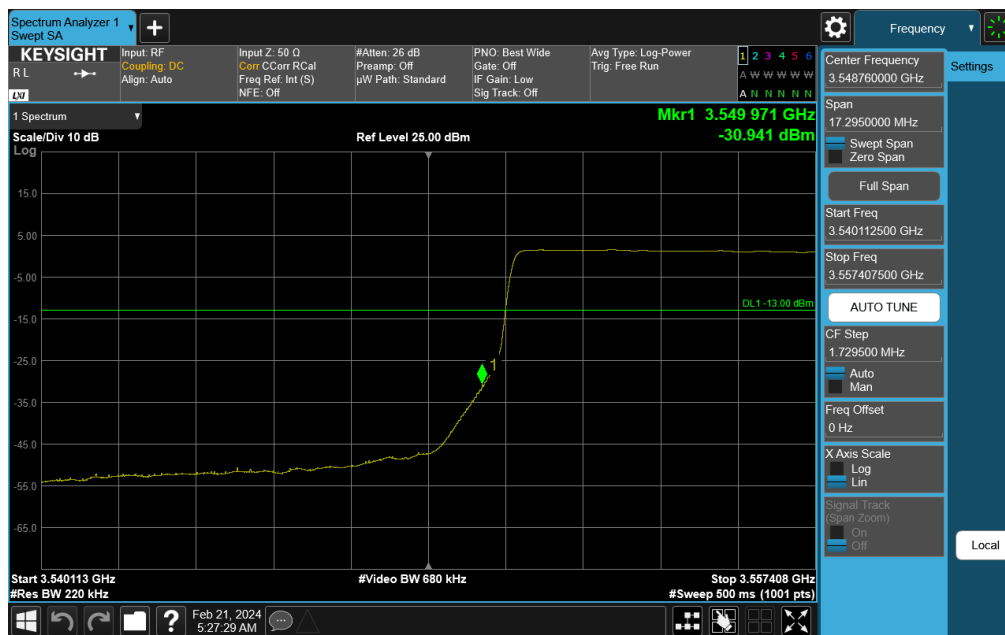
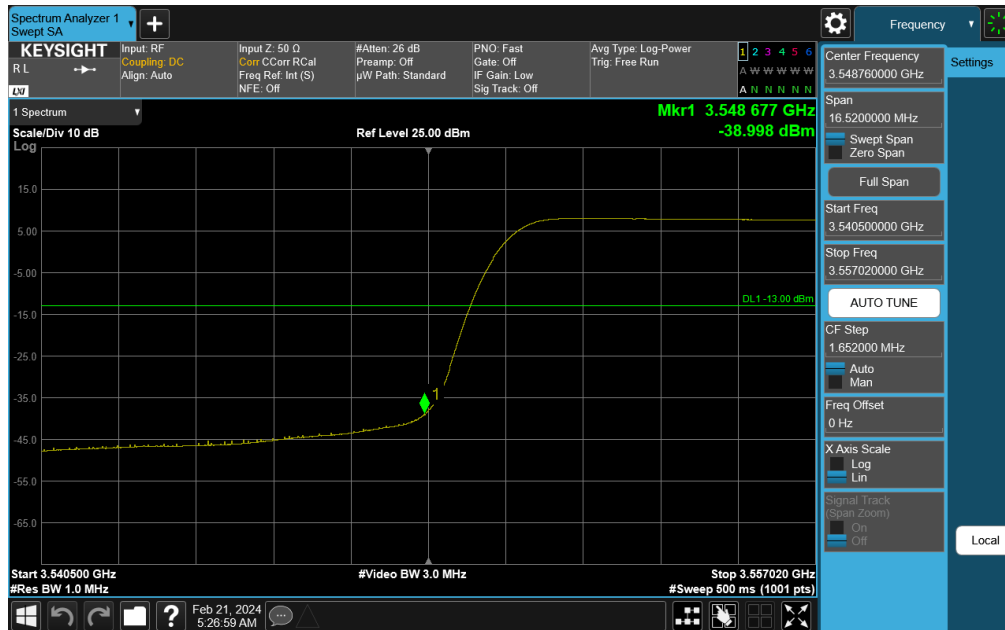



Plot 7-235. Channel Edge Plot (NR Band n48 - 10MHz DFT-s-OFDM QPSK - Low Channel)

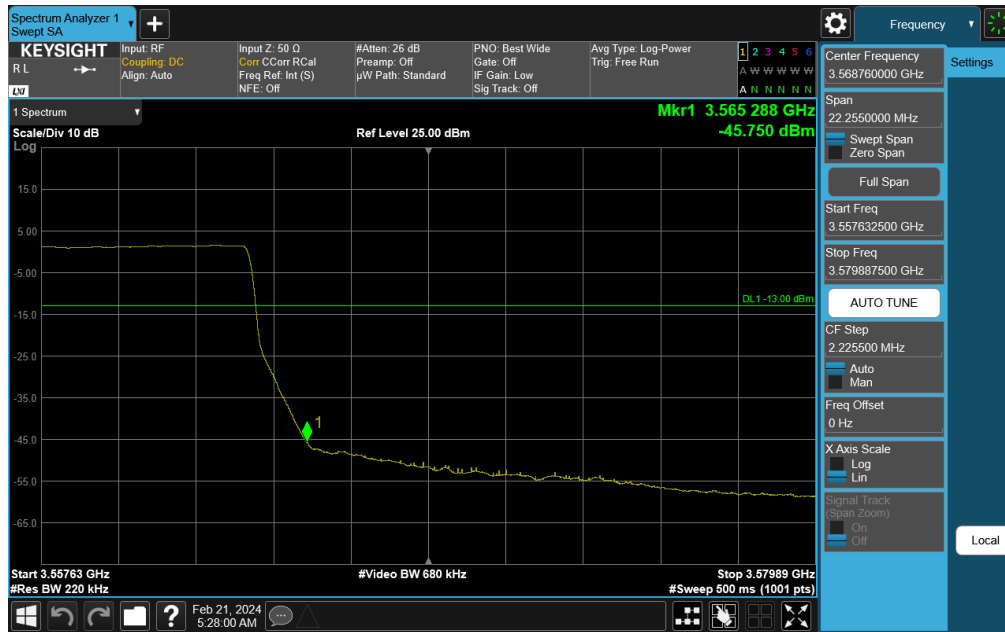


Plot 7-236. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)

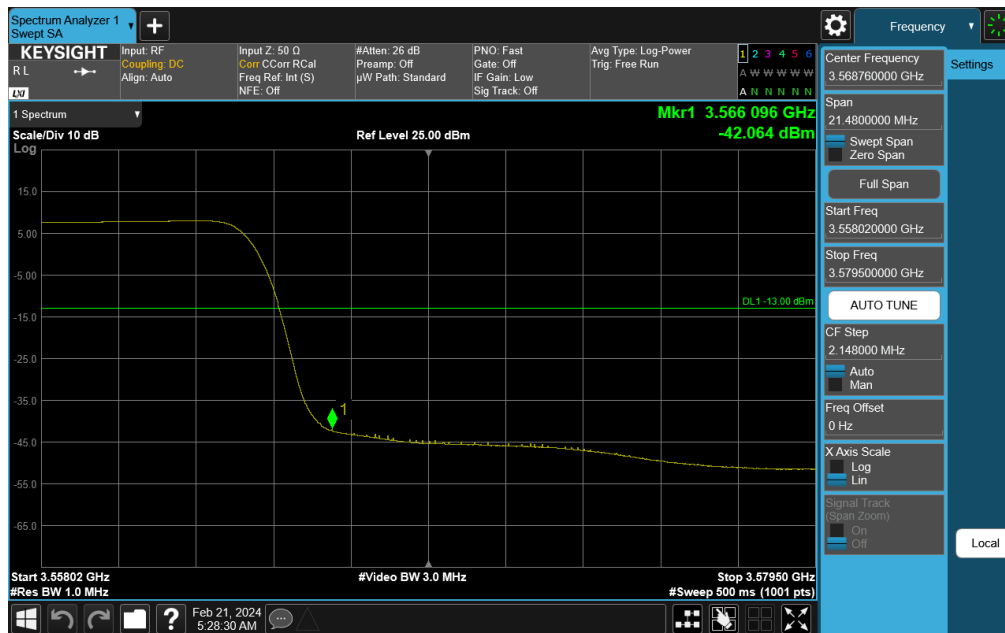
FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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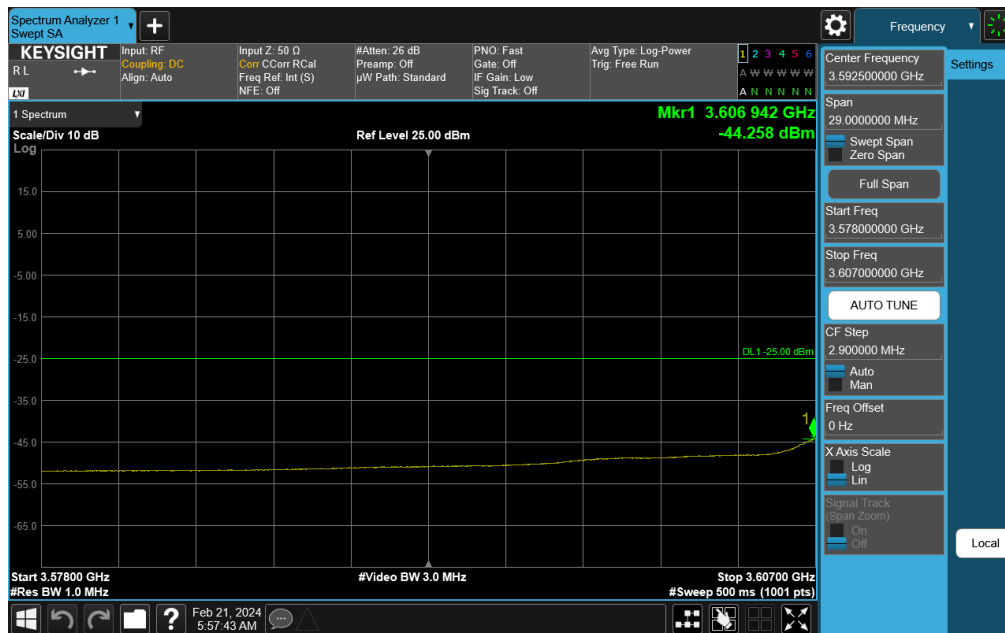
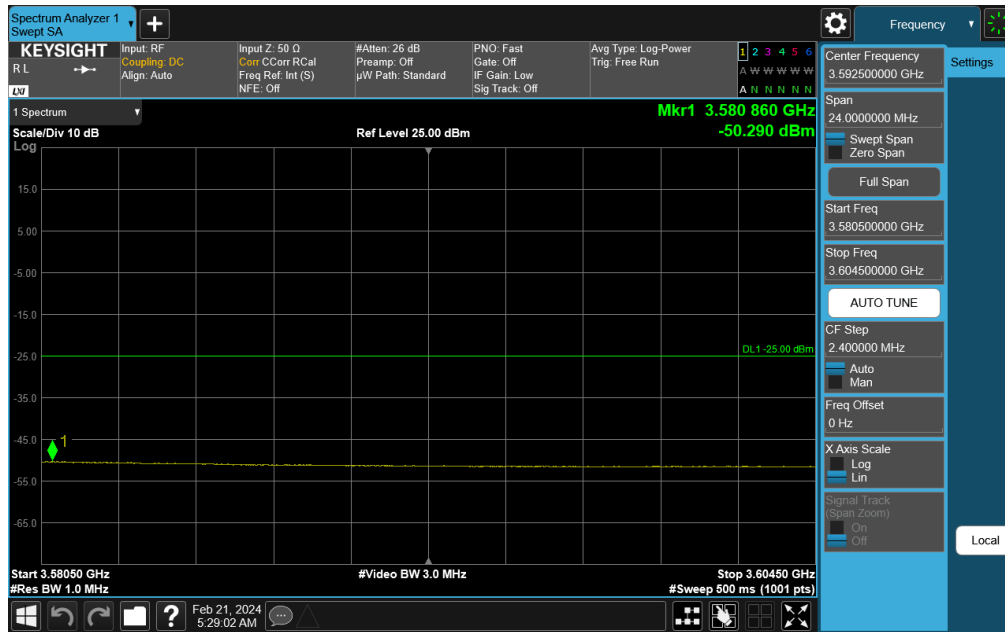


Plot 7-239. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)

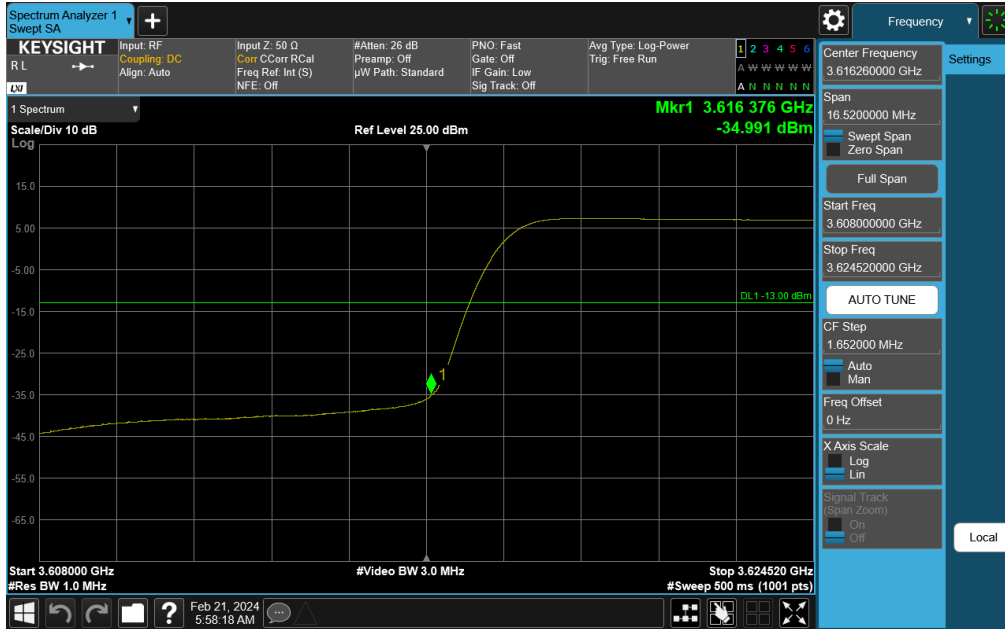


Plot 7-240. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)

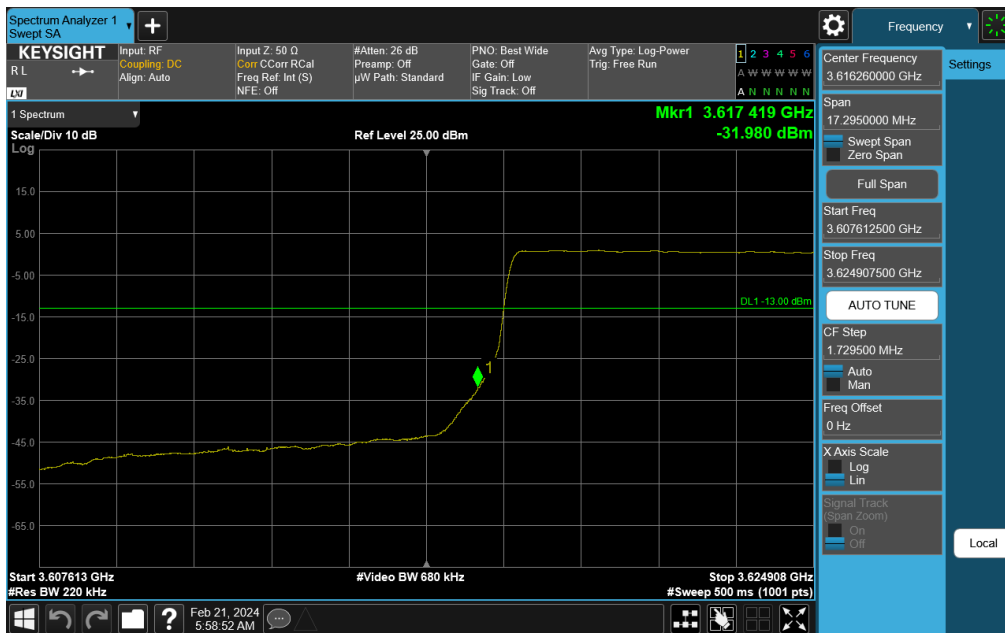
FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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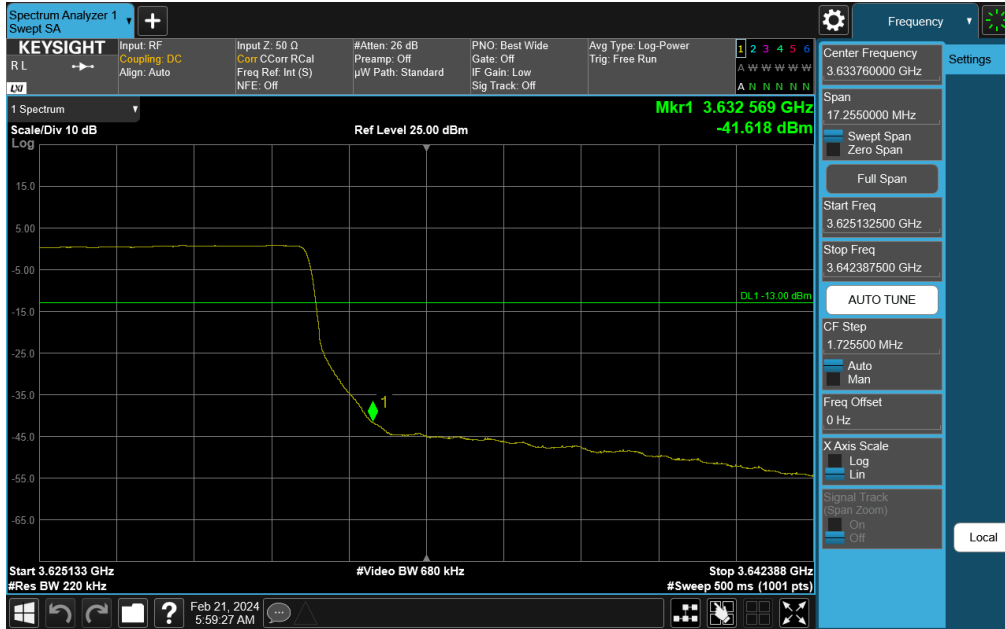


Plot 7-243. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

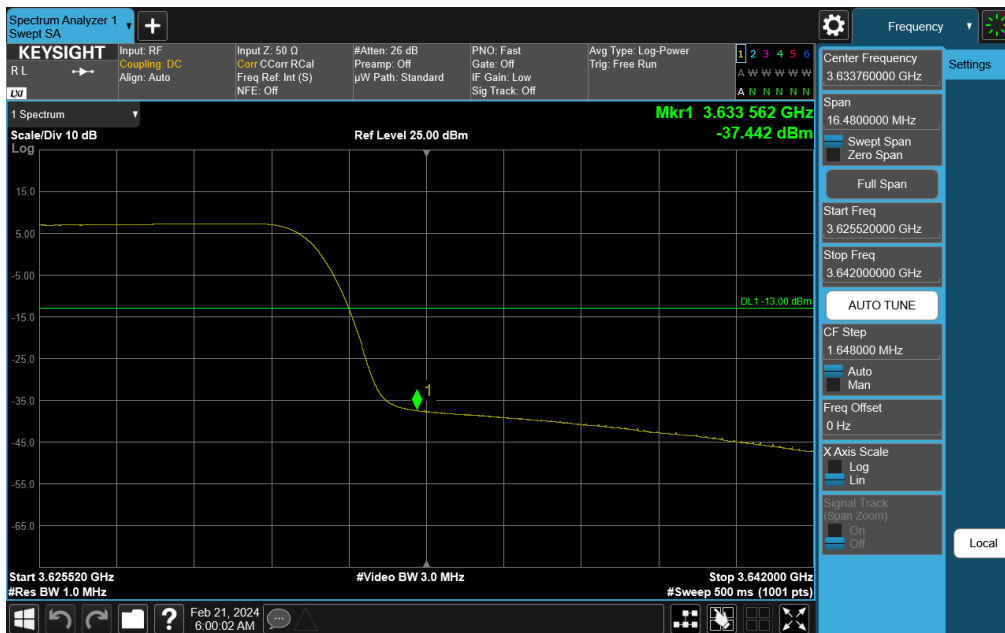


Plot 7-244. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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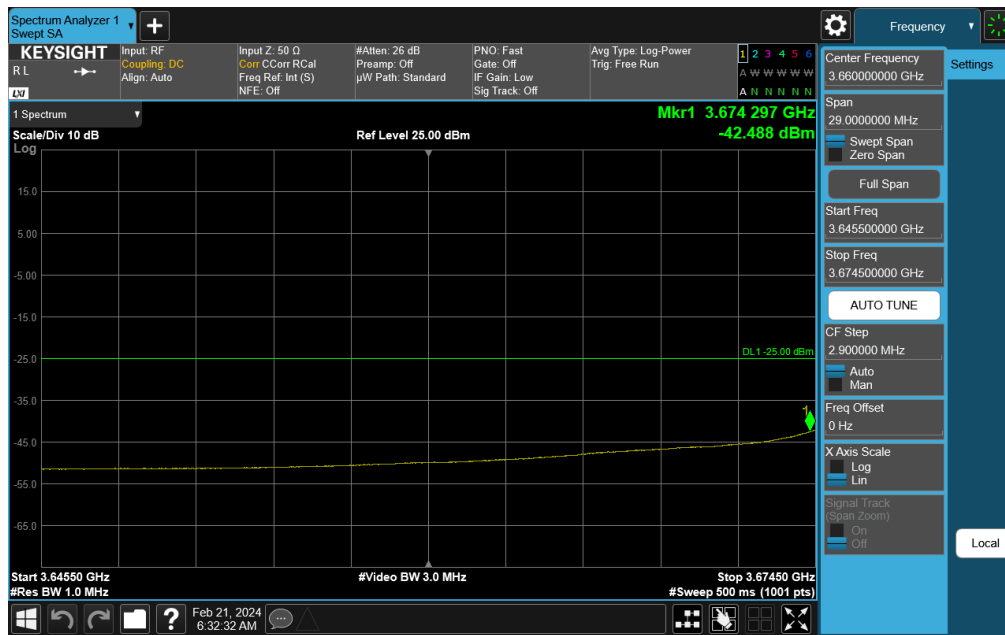
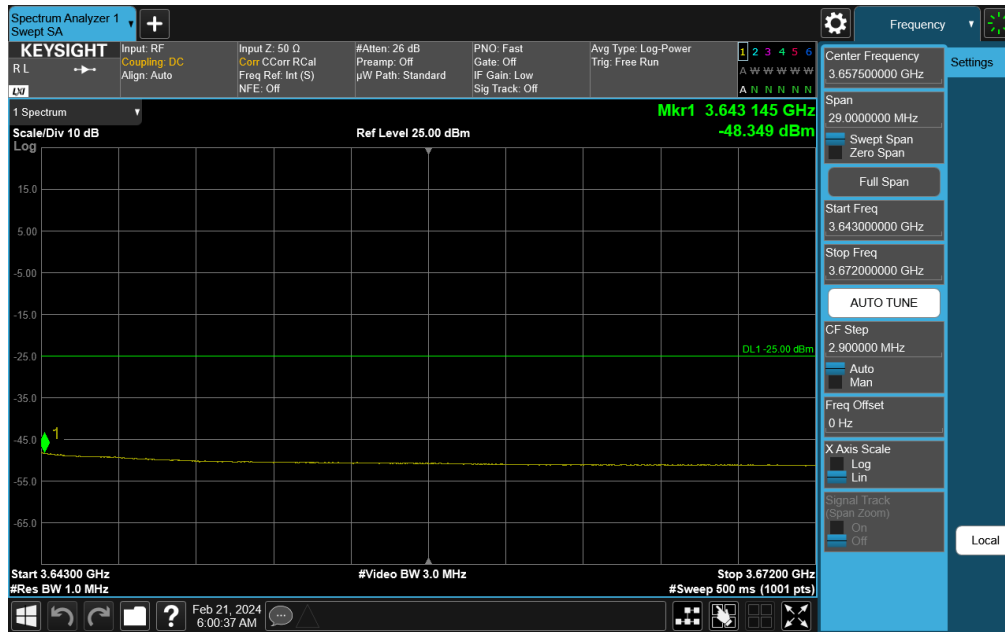



Plot 7-245. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

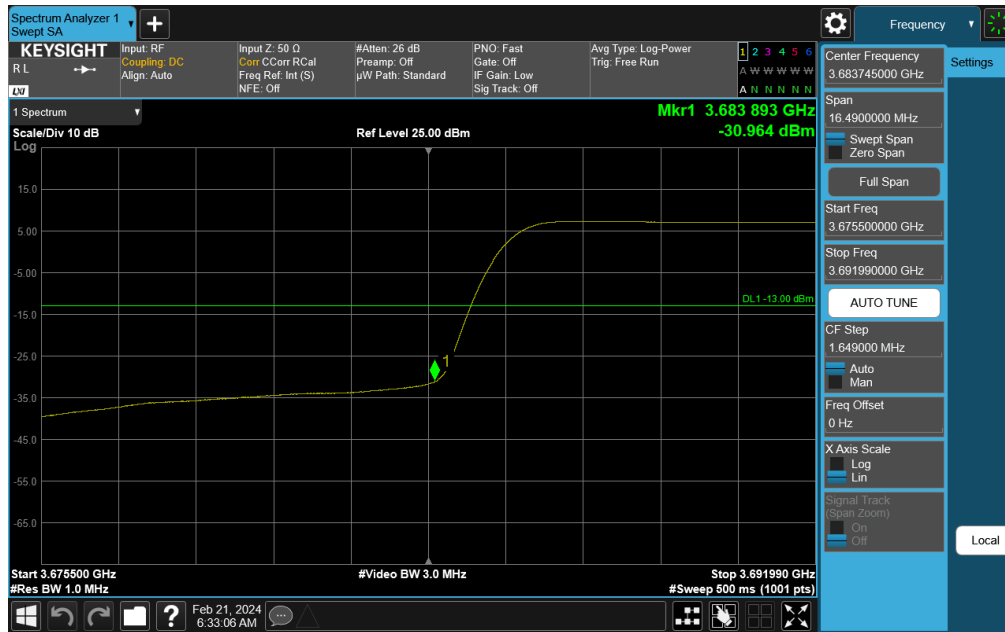


Plot 7-246. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

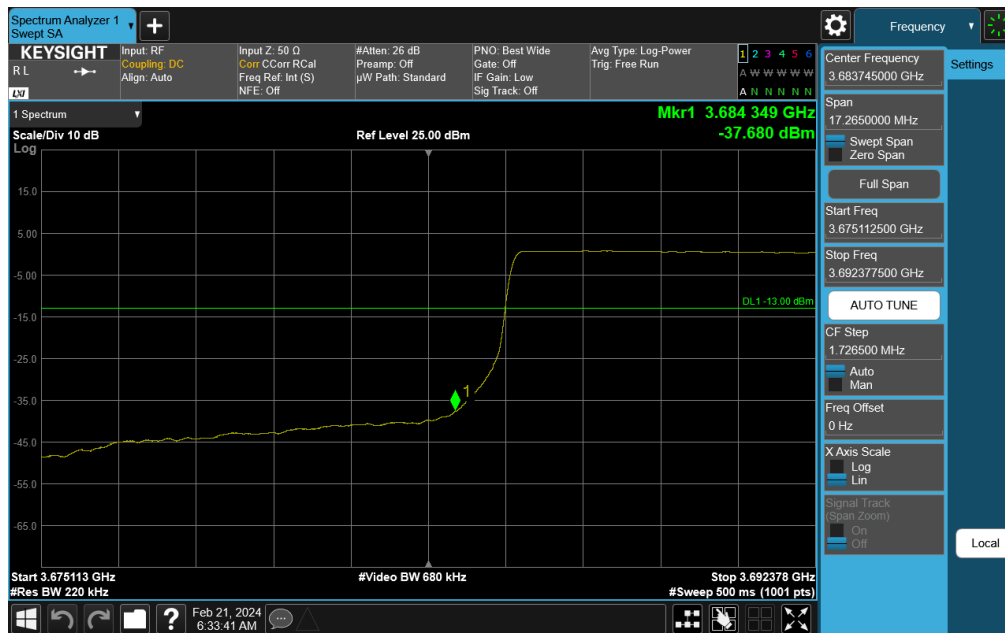
FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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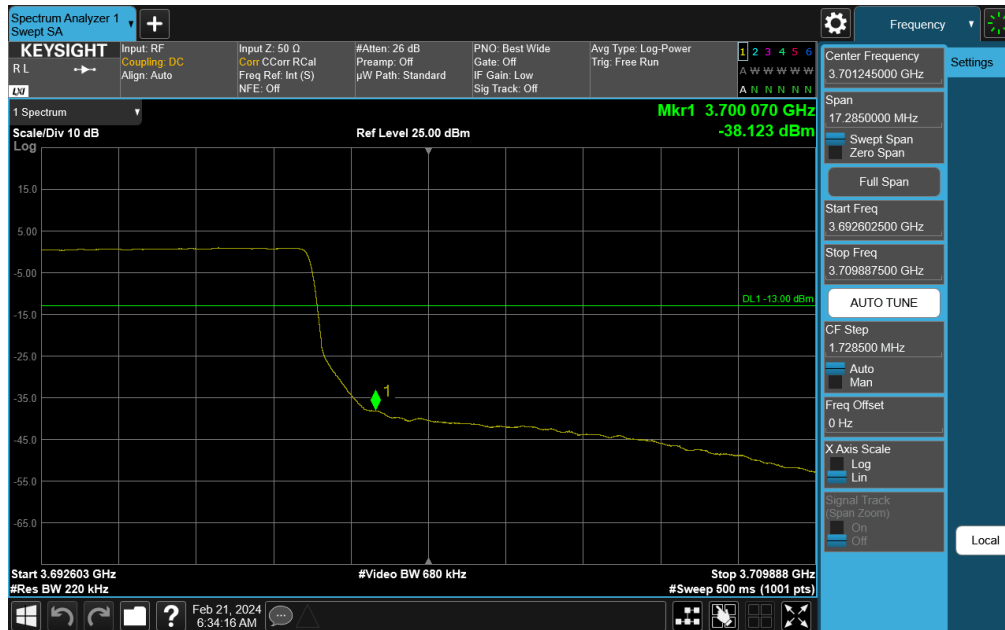


Plot 7-249. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

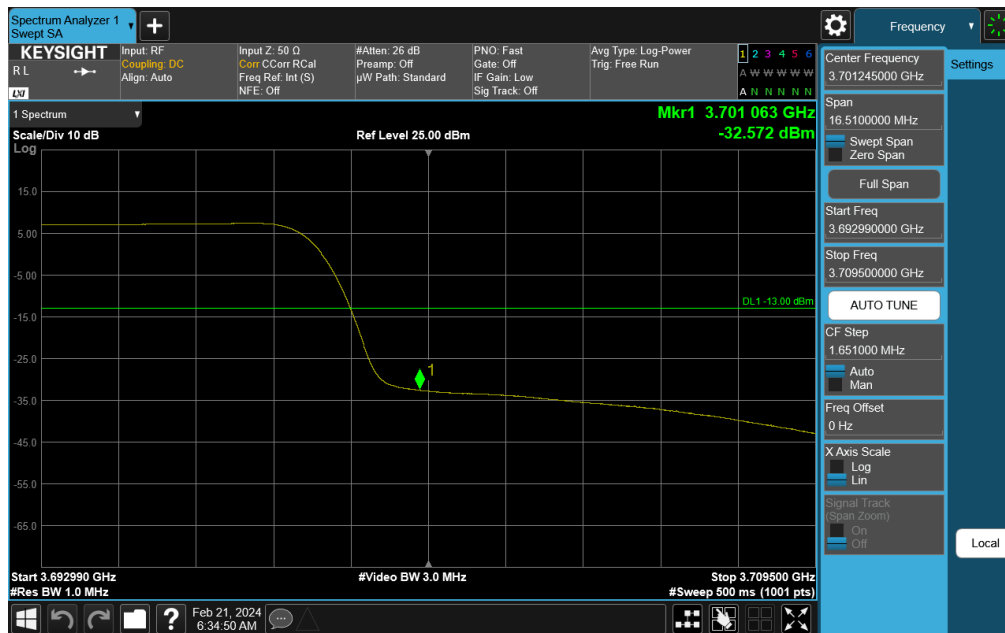


Plot 7-250. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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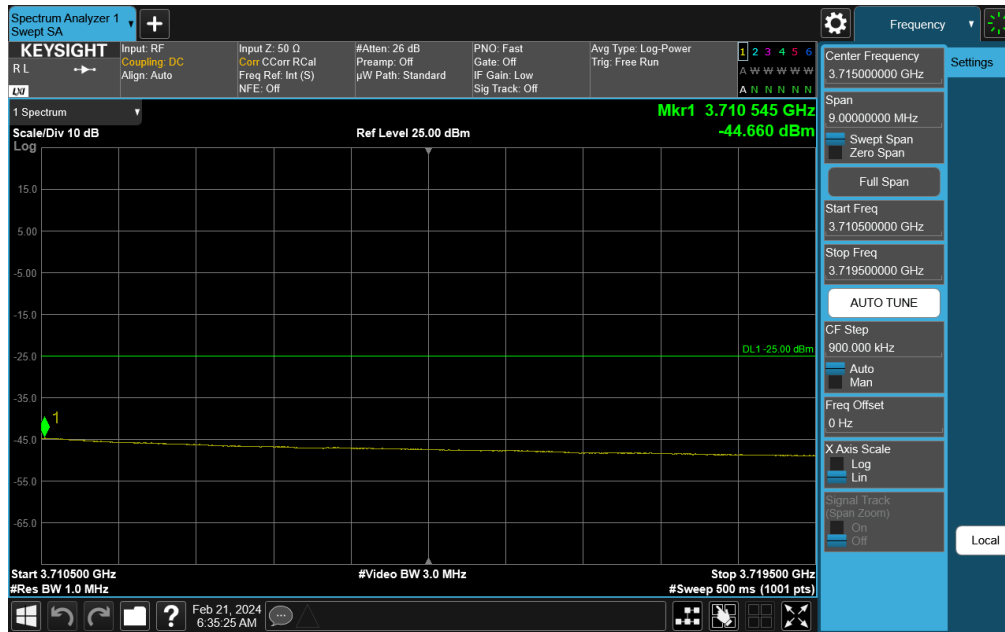


Plot 7-251. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

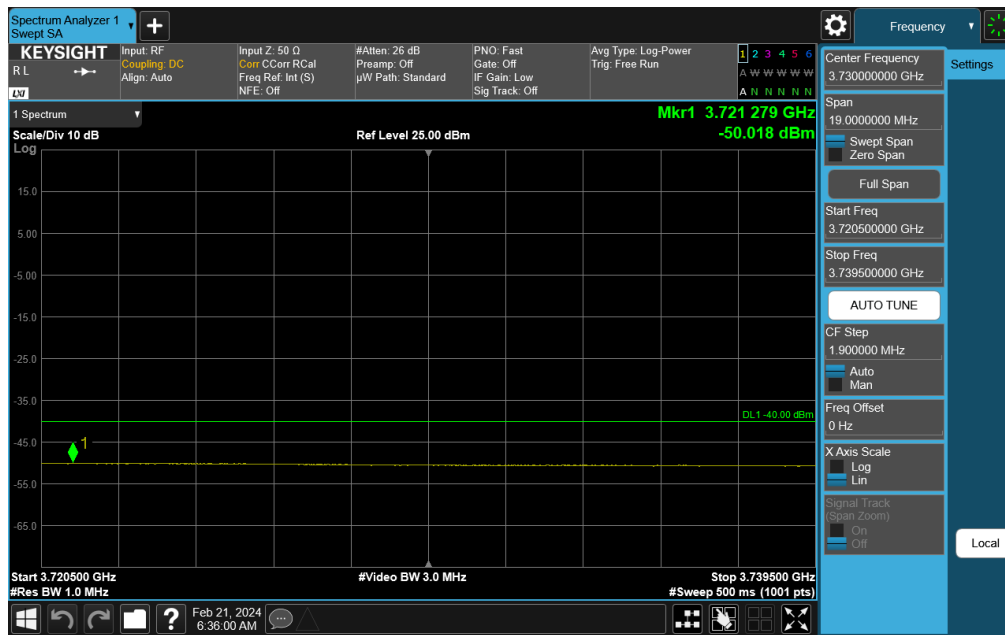


Plot 7-252. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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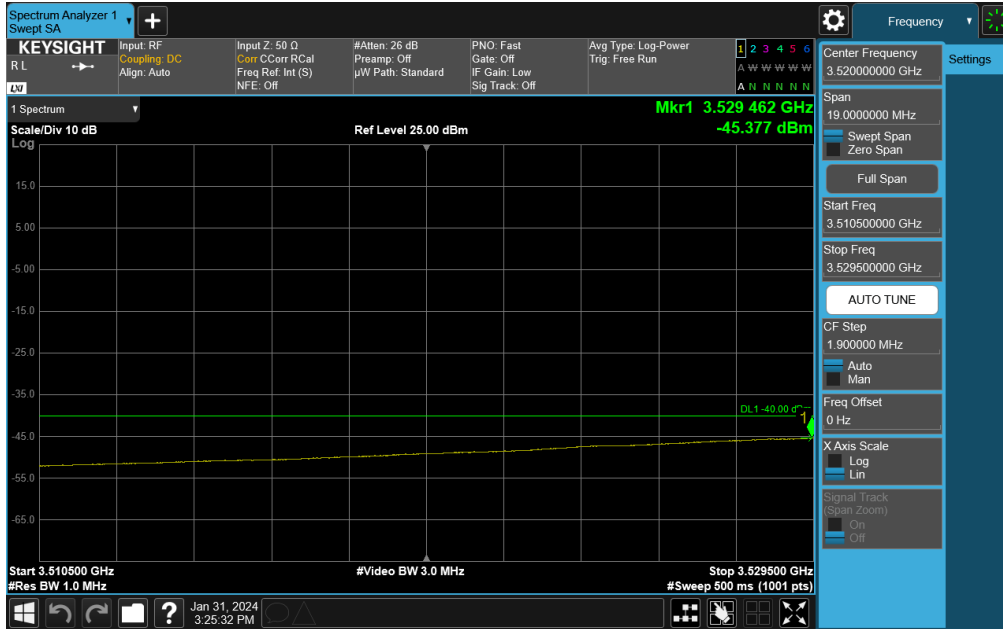


Plot 7-253. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

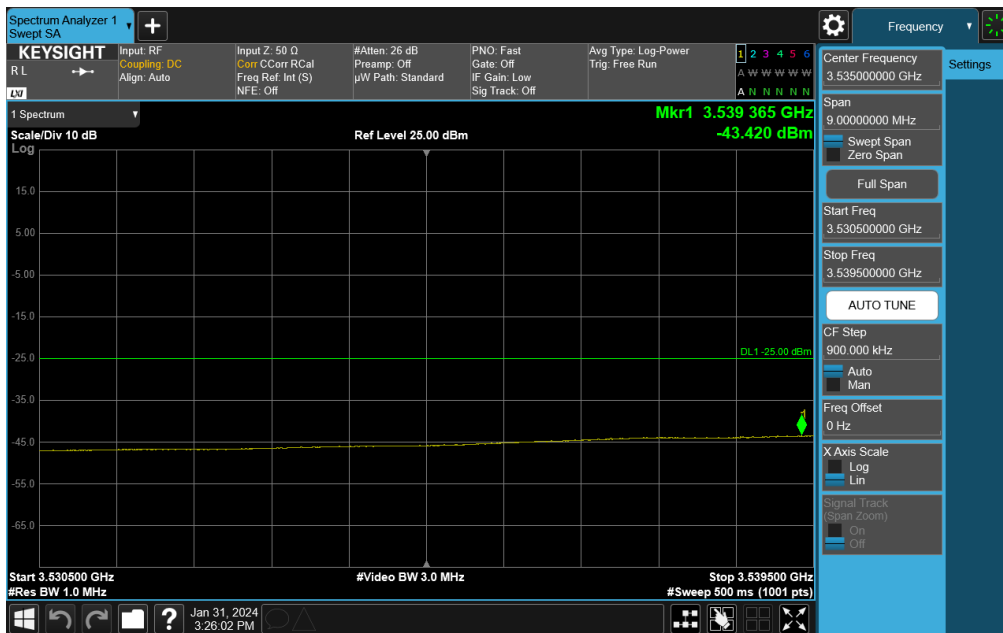


Plot 7-254. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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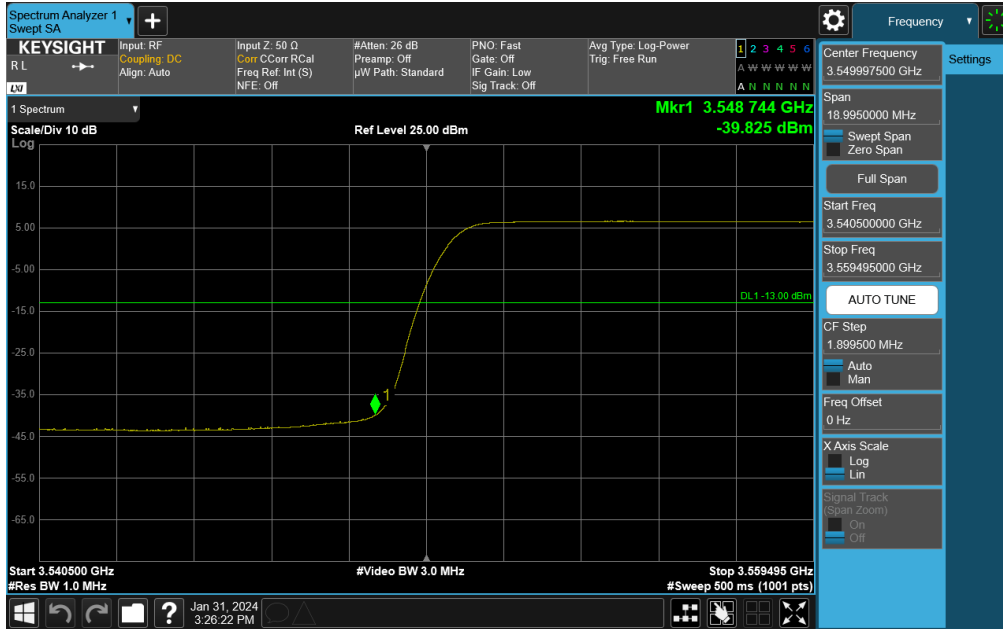


Plot 7-255. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

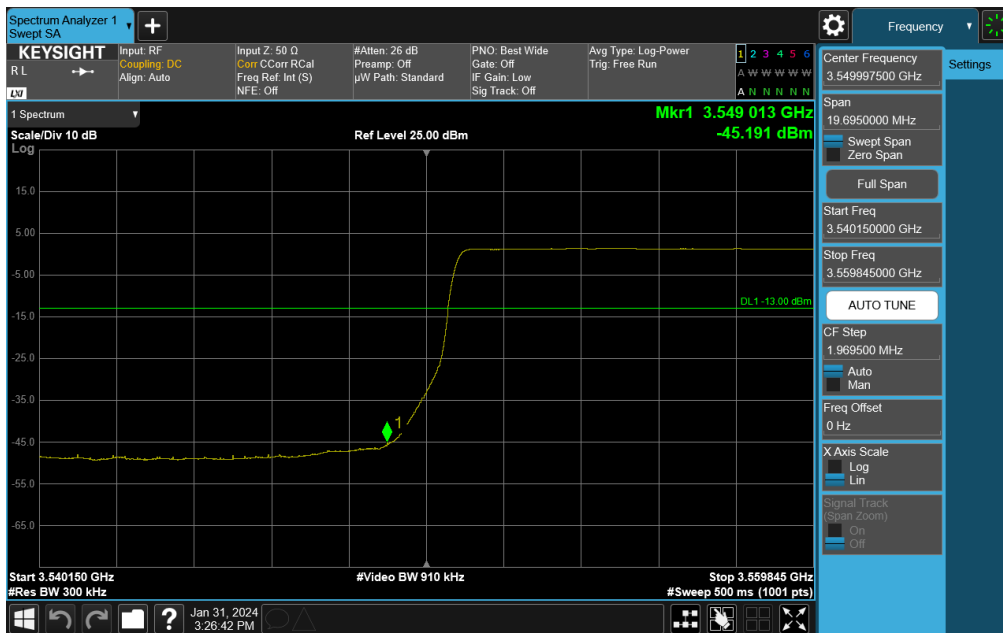


Plot 7-256. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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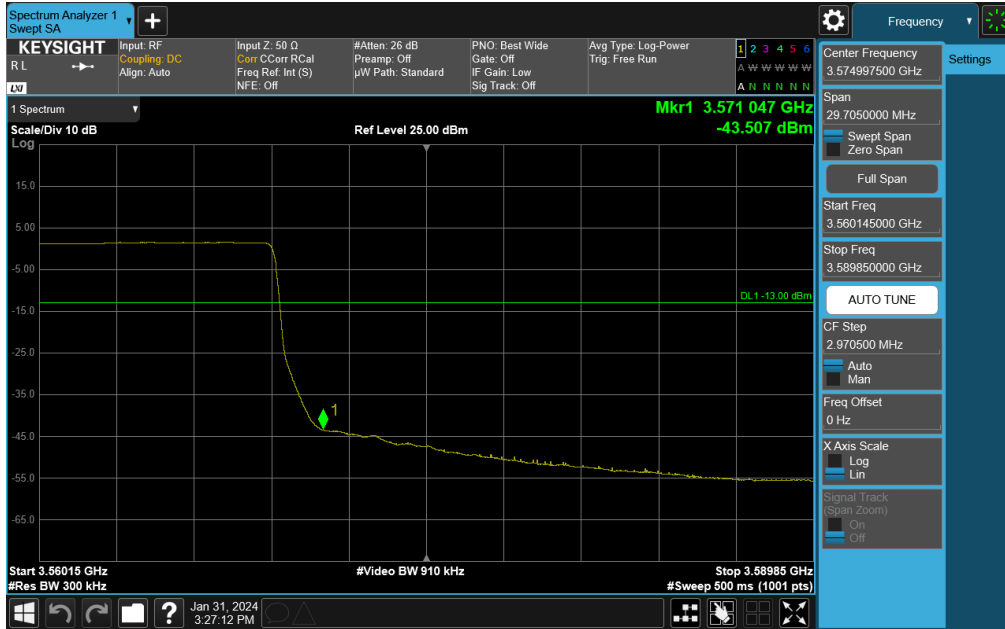


Plot 7-257. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

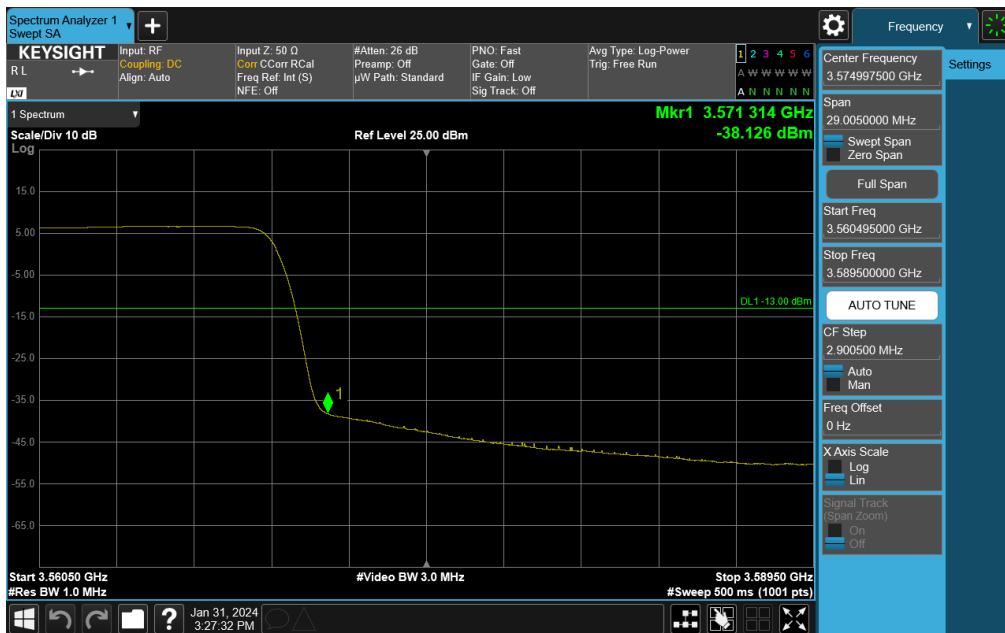


Plot 7-258. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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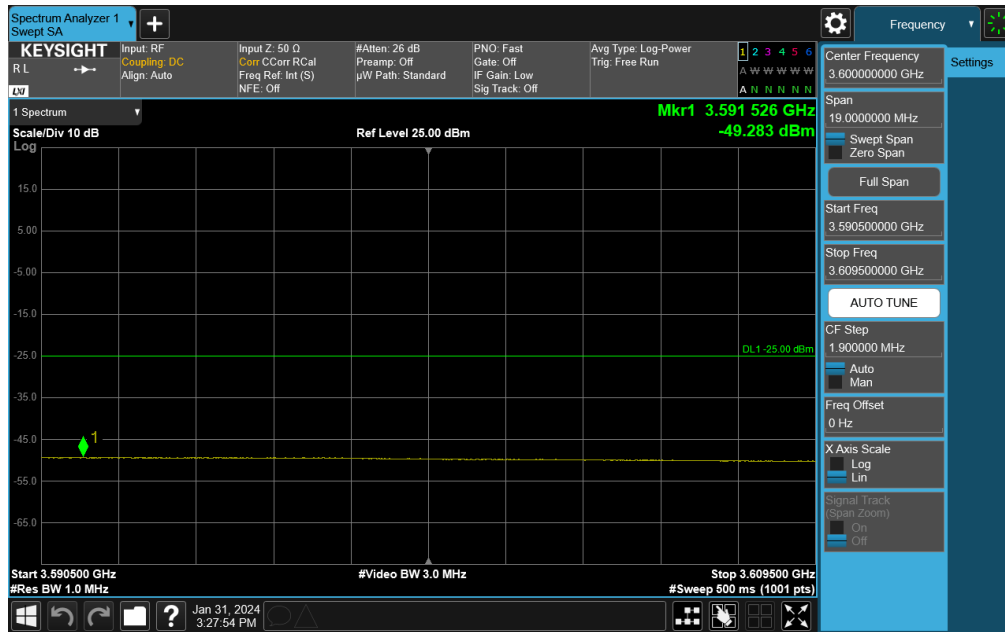


Plot 7-259. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

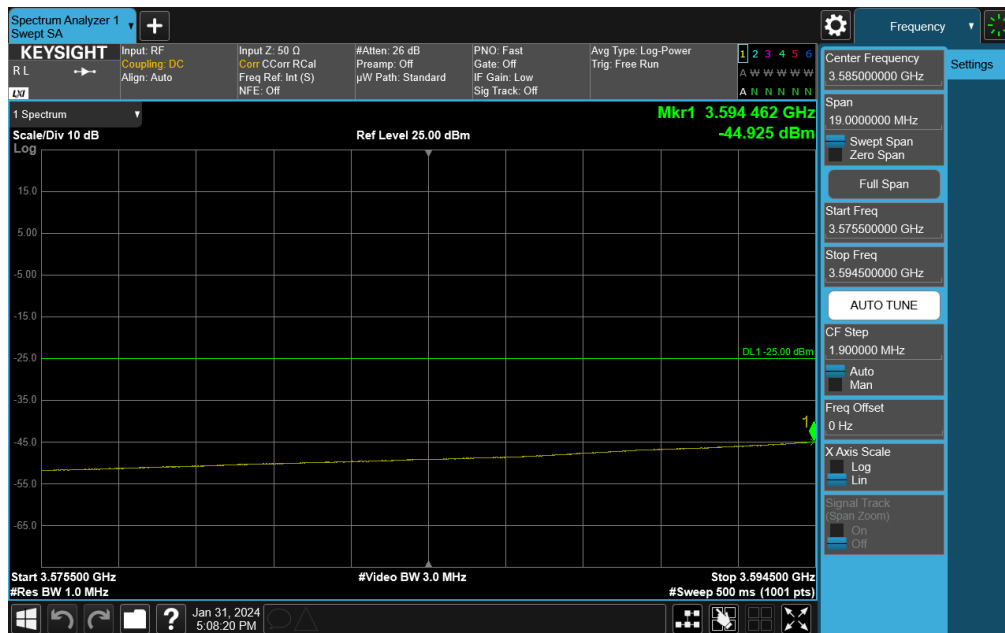


Plot 7-260. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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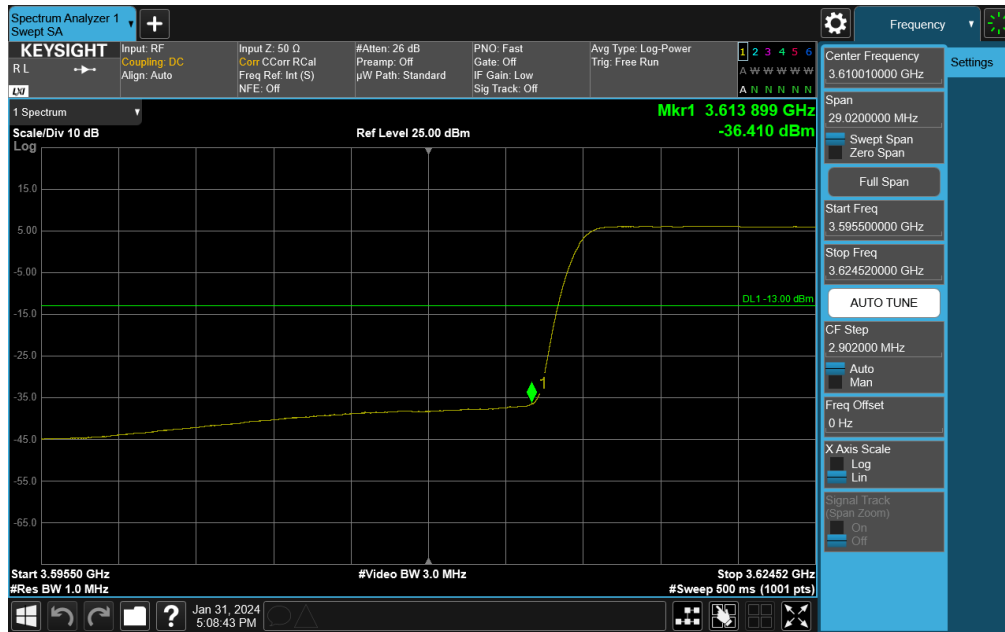


Plot 7-261. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

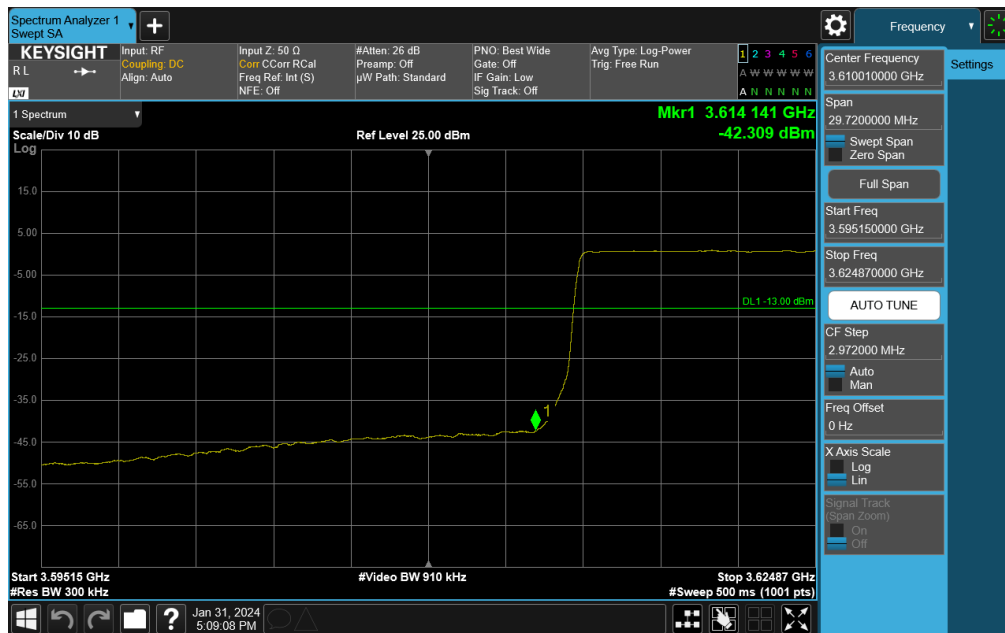


Plot 7-262. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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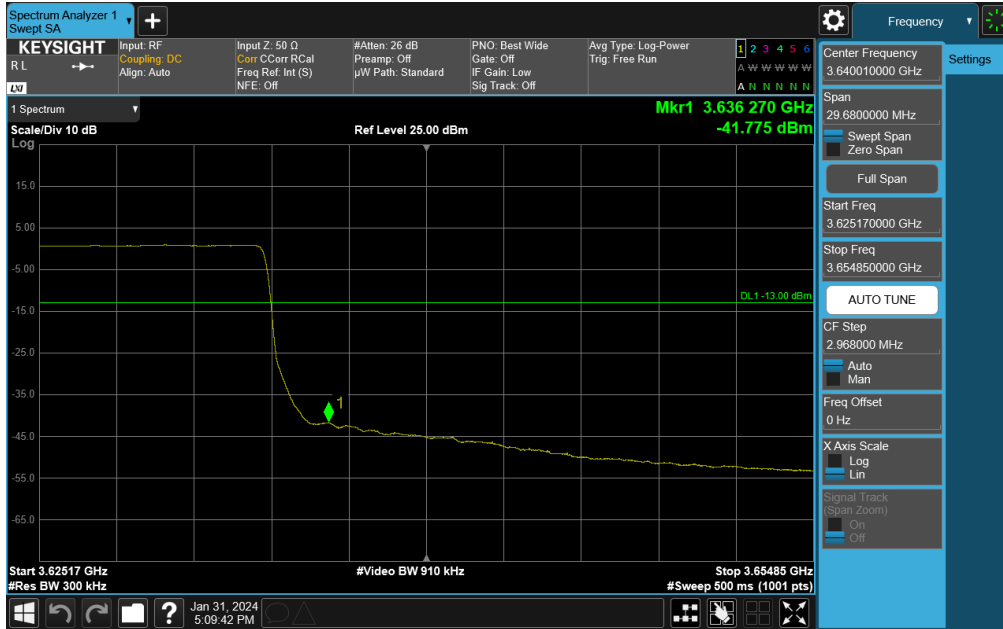


Plot 7-263. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

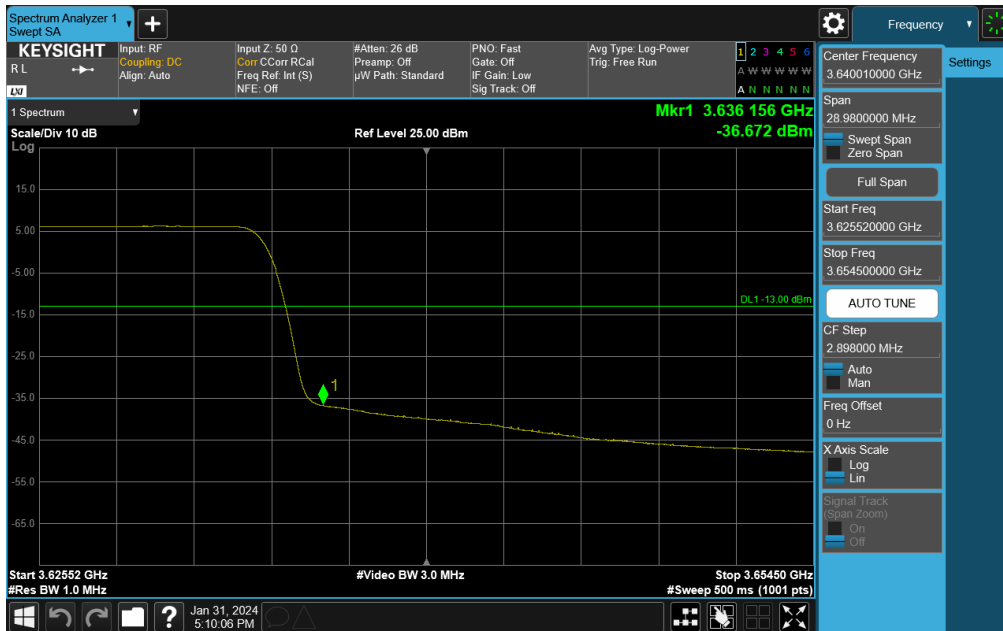


Plot 7-264. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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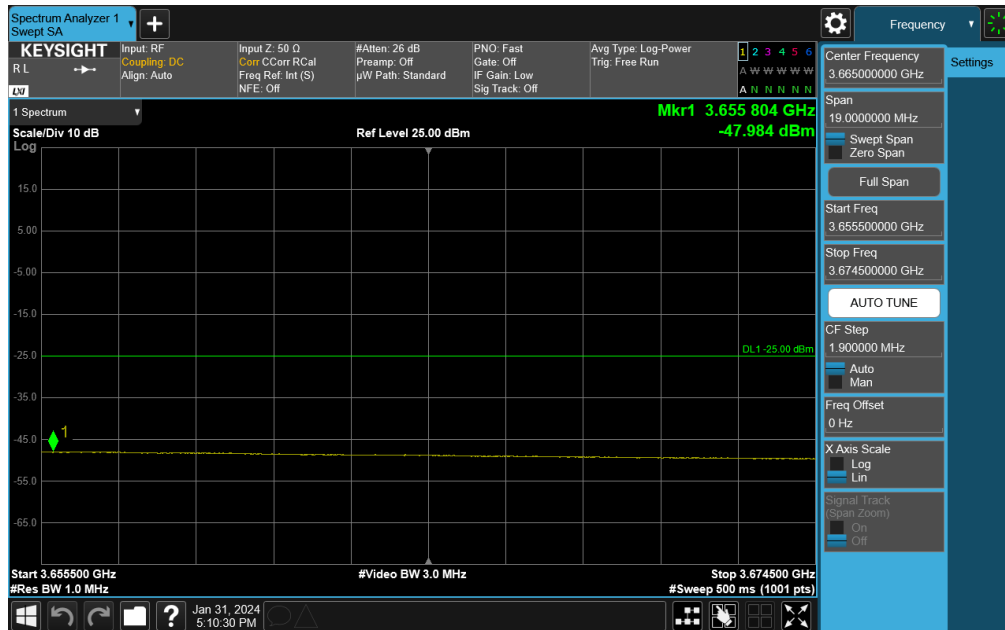


Plot 7-265. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

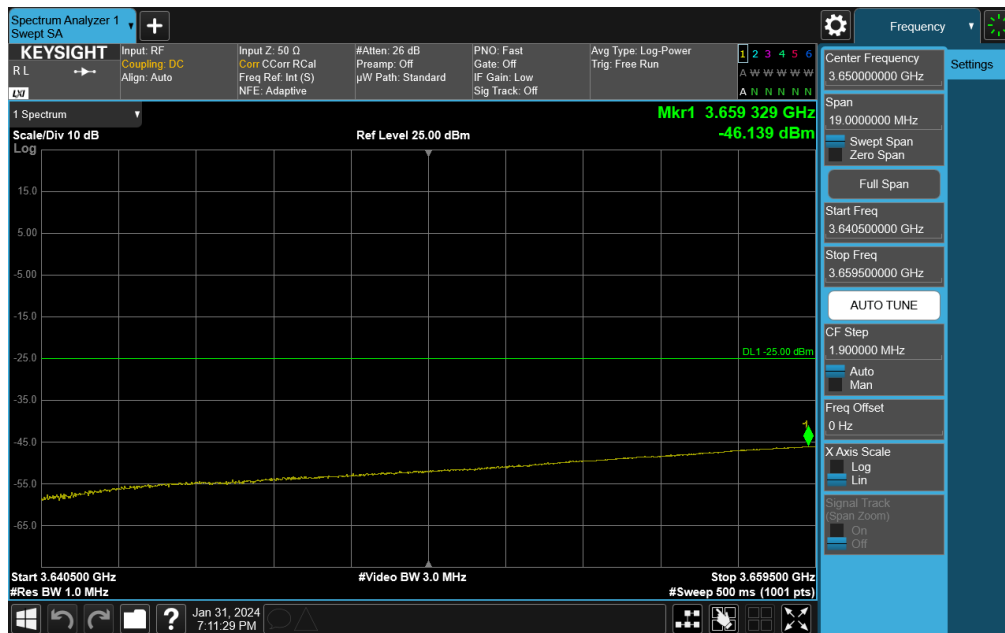


Plot 7-266. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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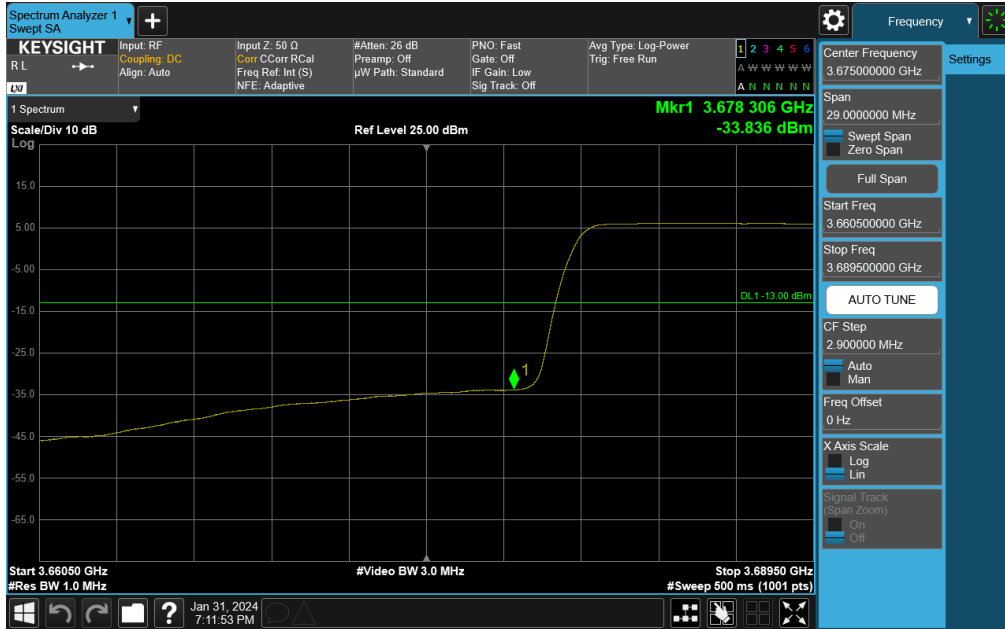


Plot 7-267. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

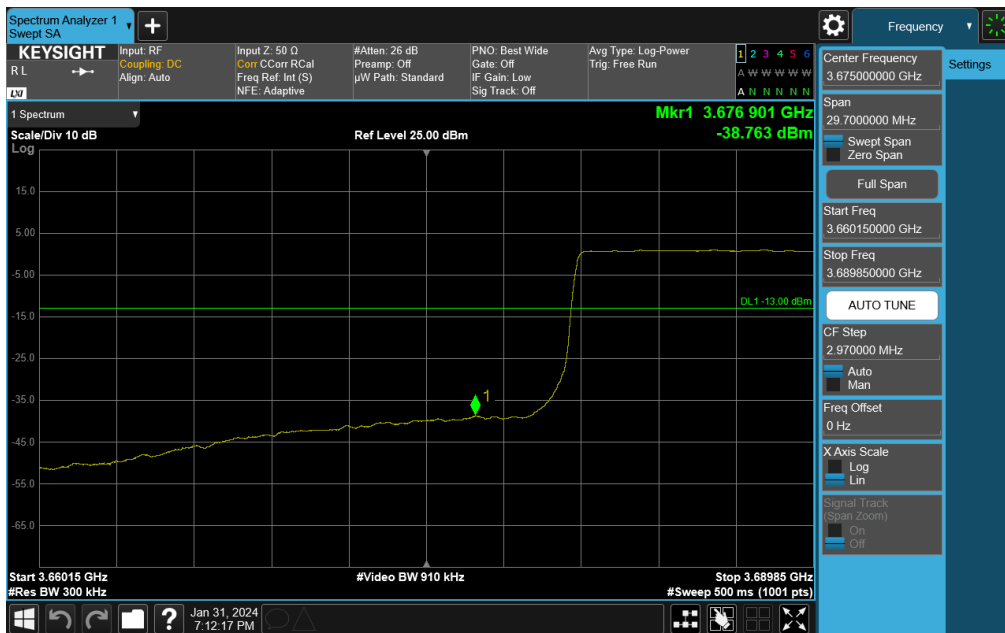


Plot 7-268. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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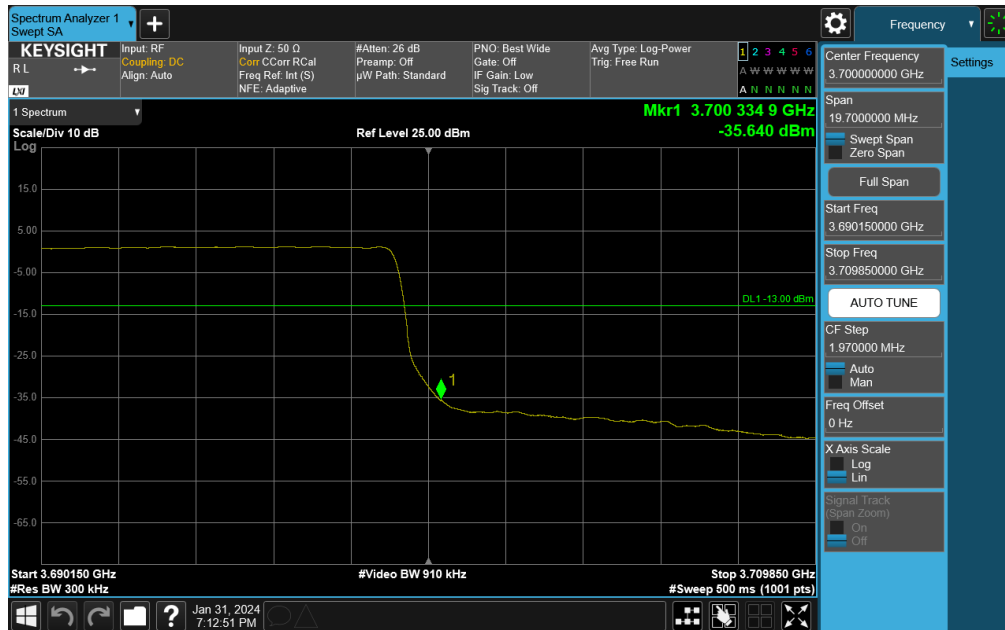


Plot 7-269. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

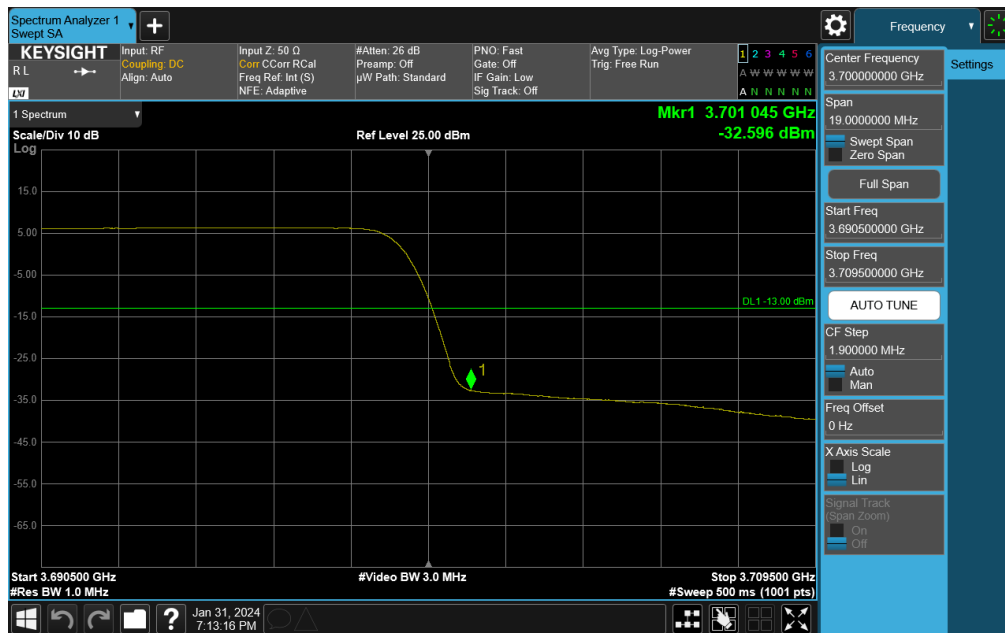


Plot 7-270. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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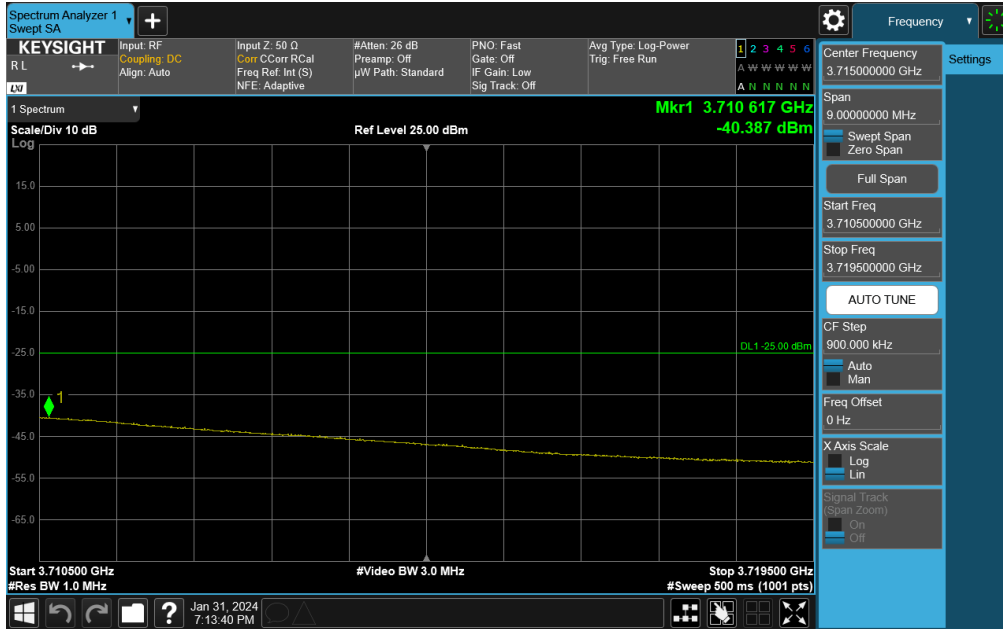


Plot 7-271. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

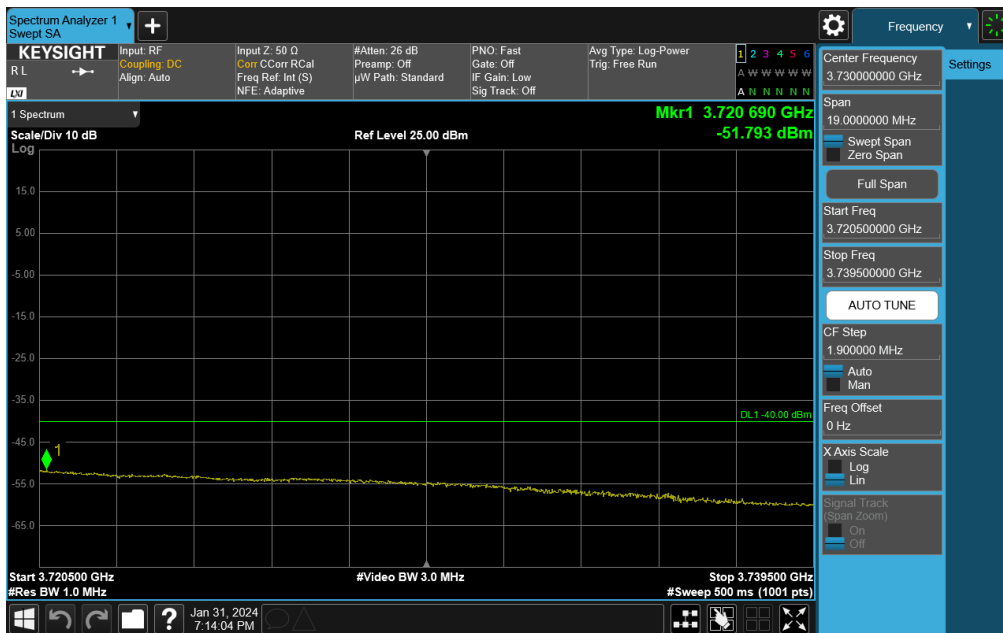


Plot 7-272. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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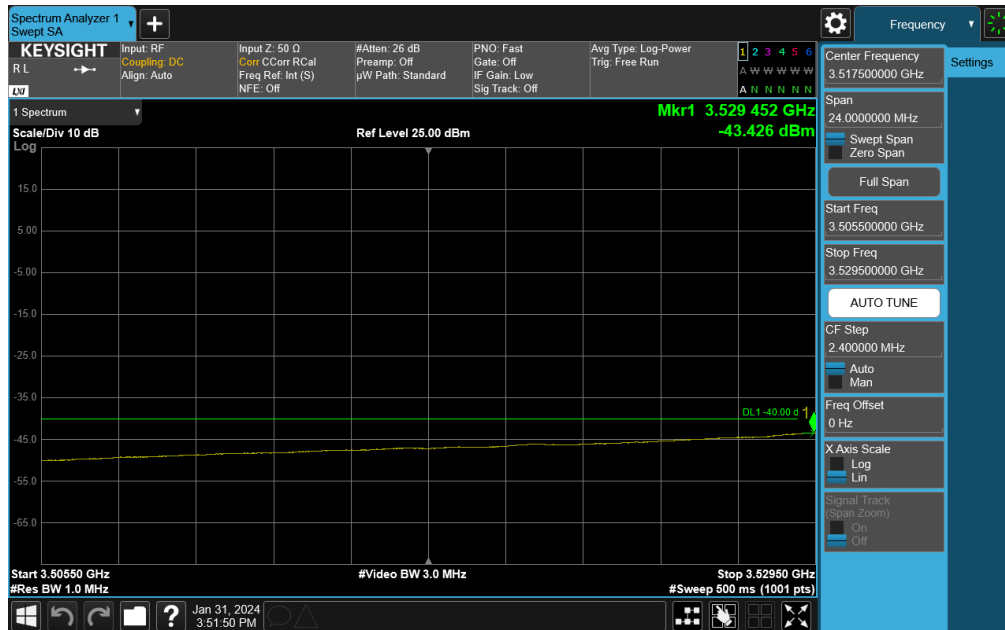


Plot 7-273. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

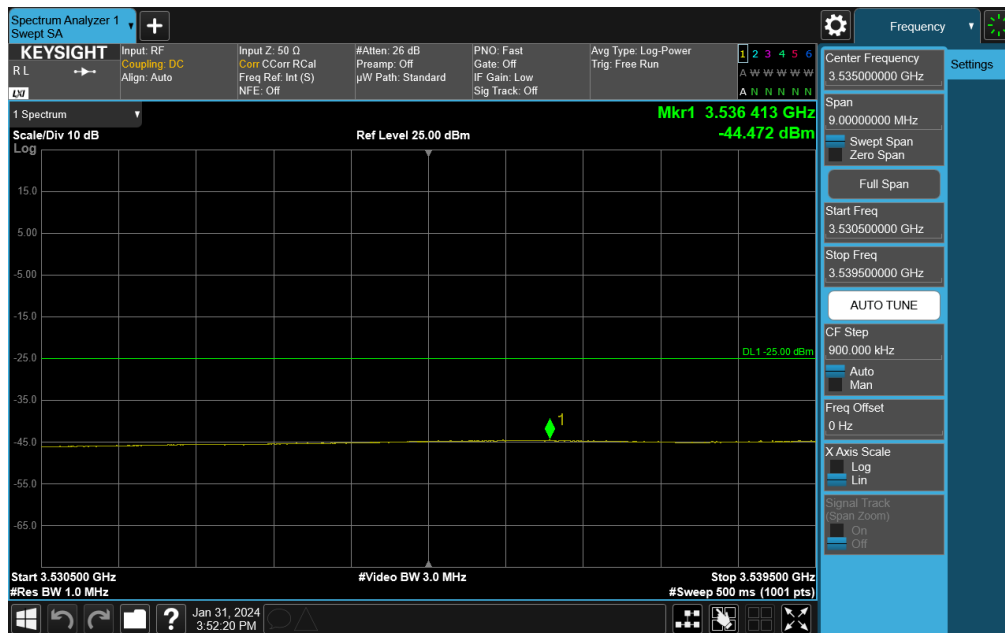


Plot 7-274. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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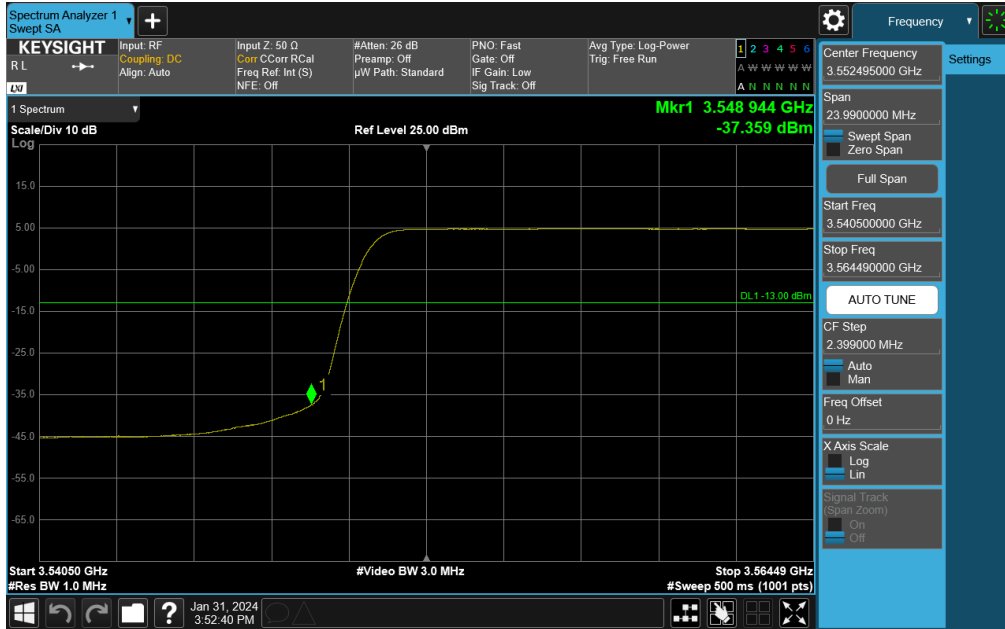


Plot 7-275. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

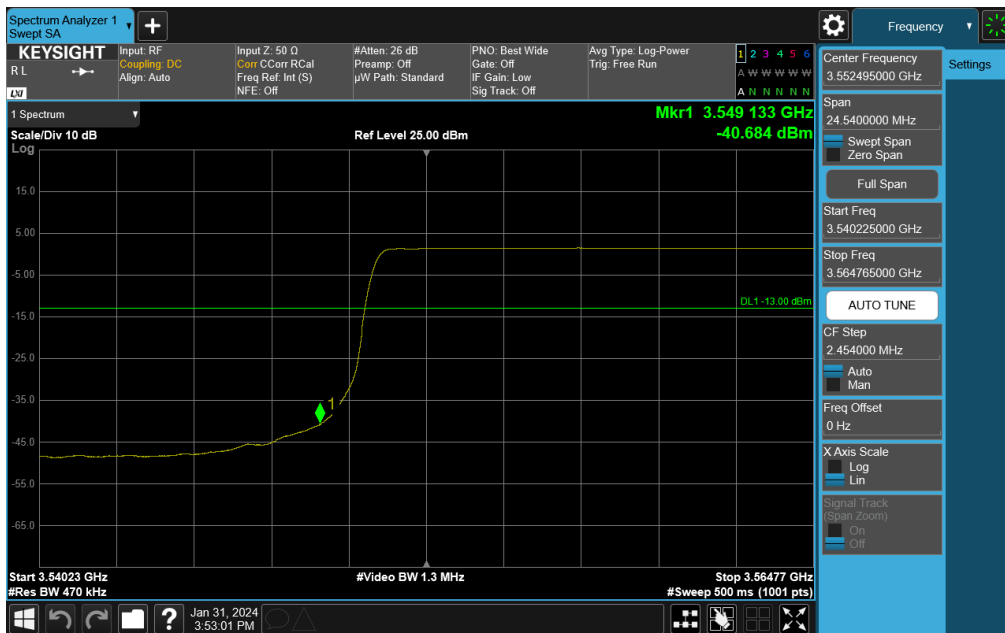


Plot 7-276. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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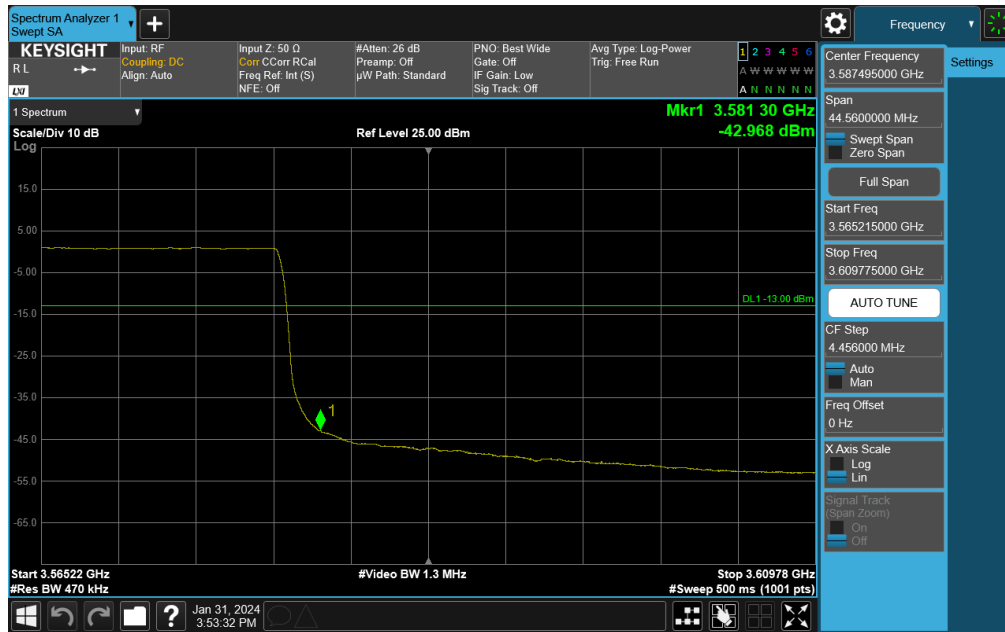


Plot 7-277. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

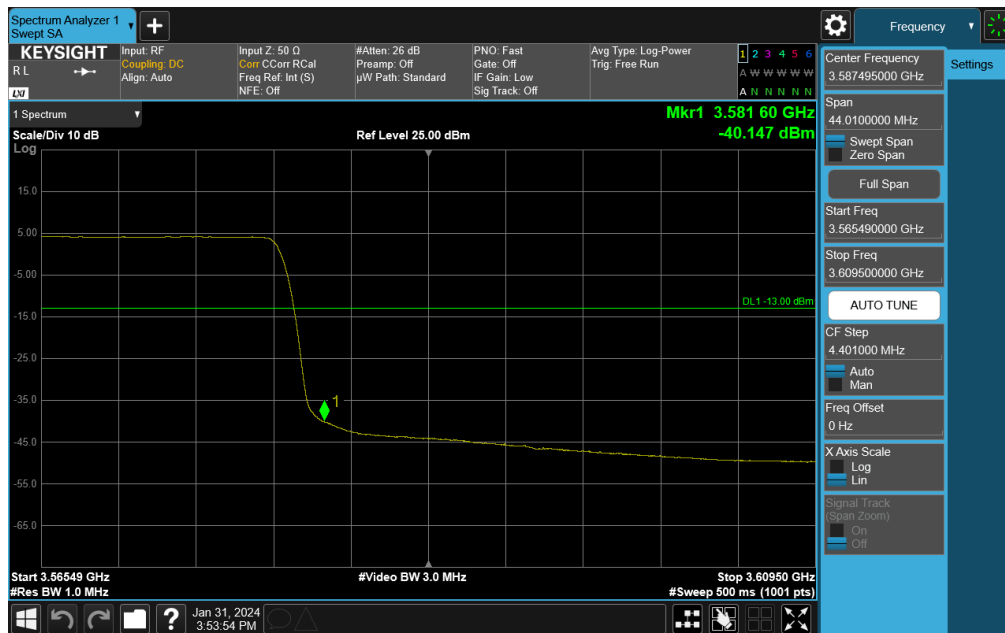


Plot 7-278. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)


FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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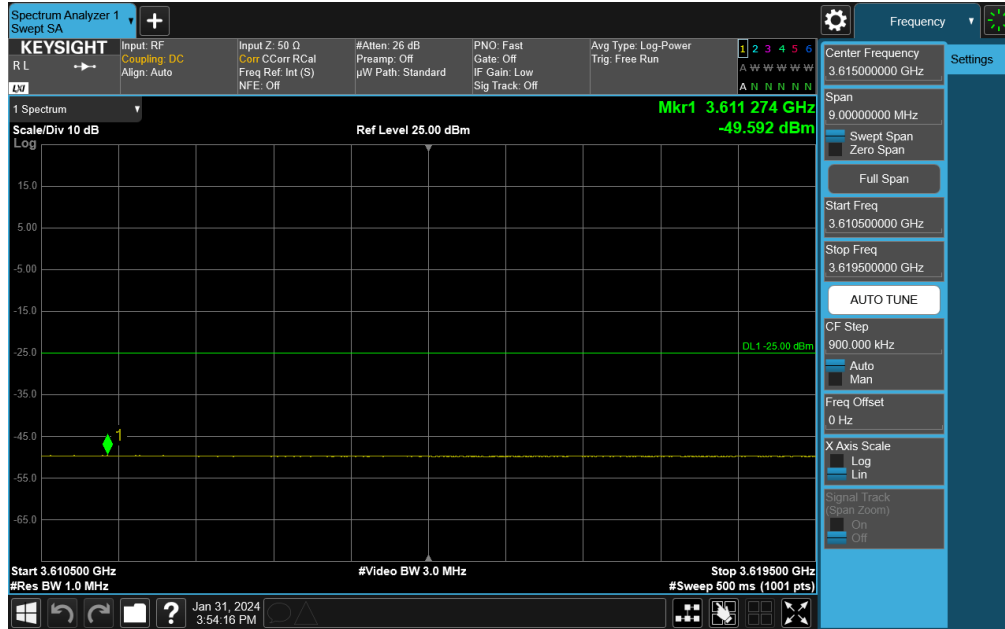


Plot 7-279. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

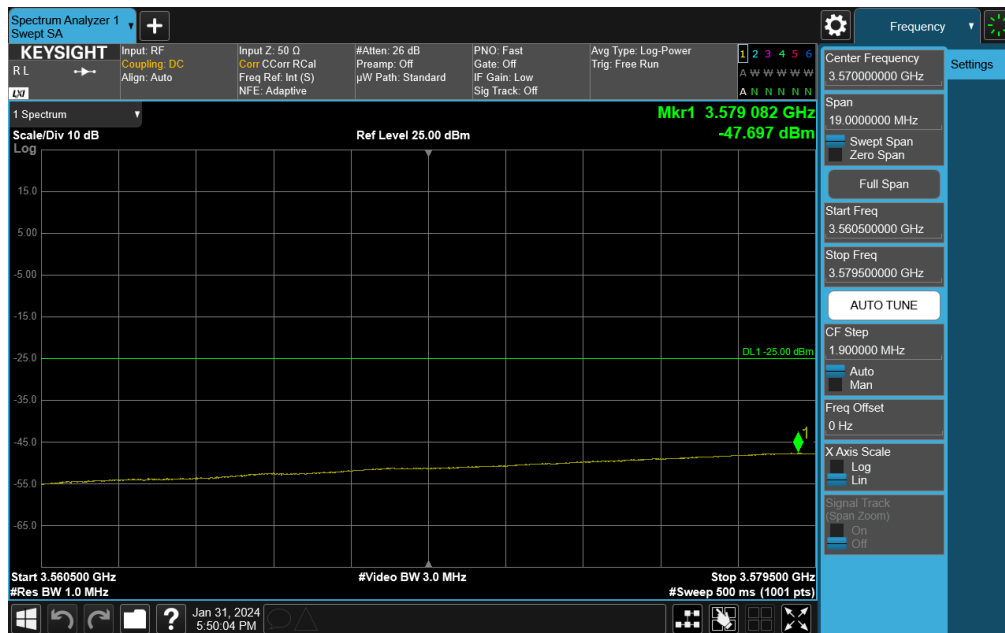


Plot 7-280. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2899	 PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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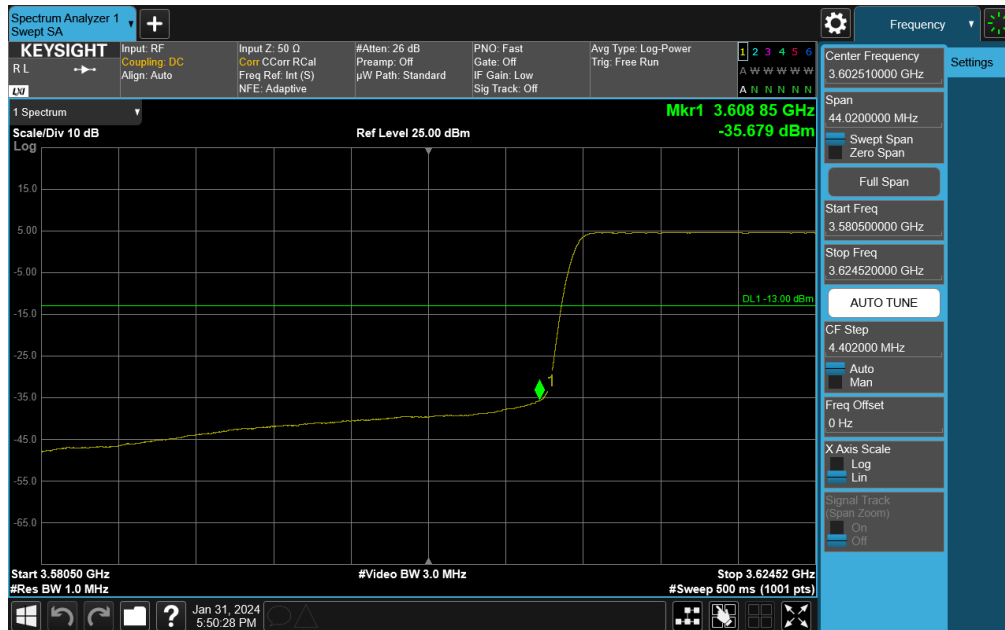


Plot 7-281. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

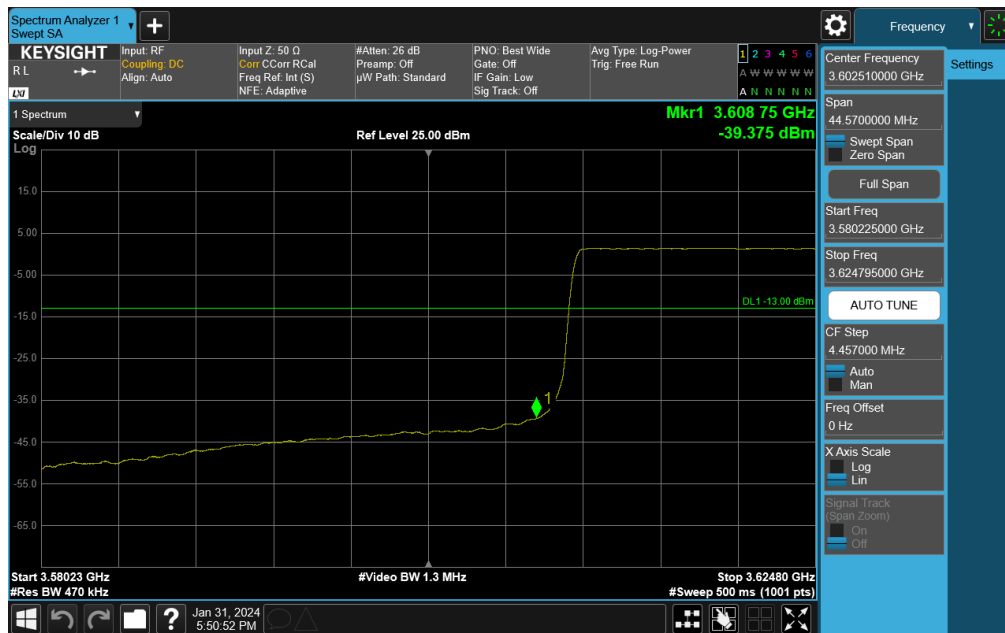


Plot 7-282. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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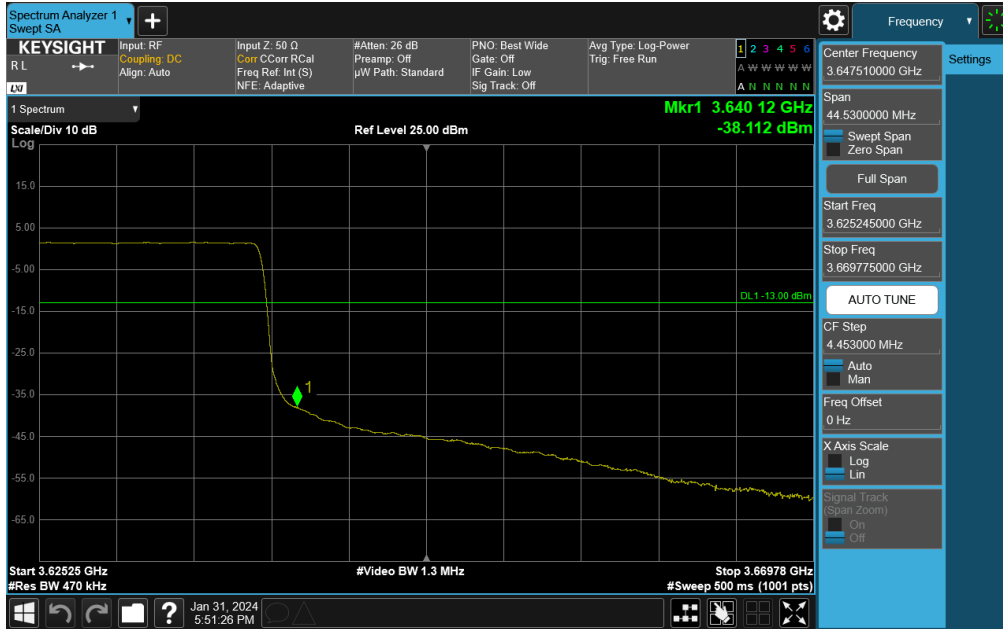


Plot 7-283. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

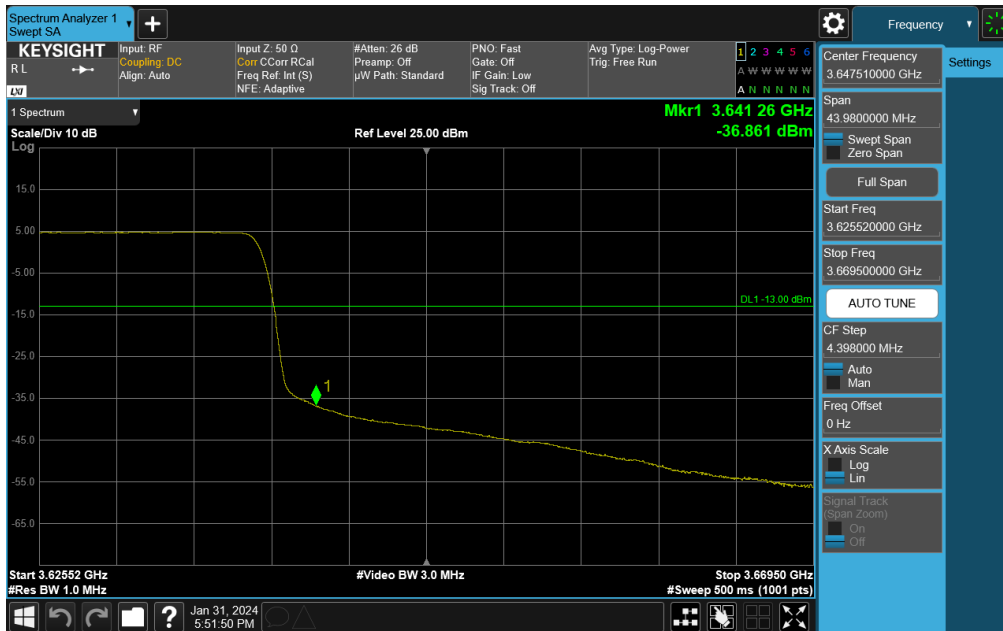


Plot 7-284. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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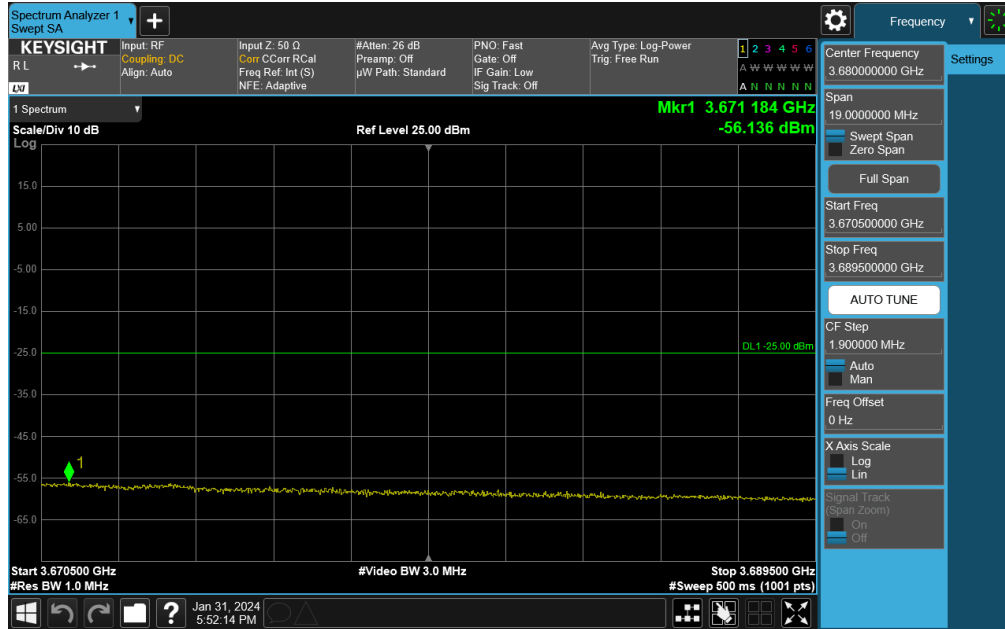


Plot 7-285. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

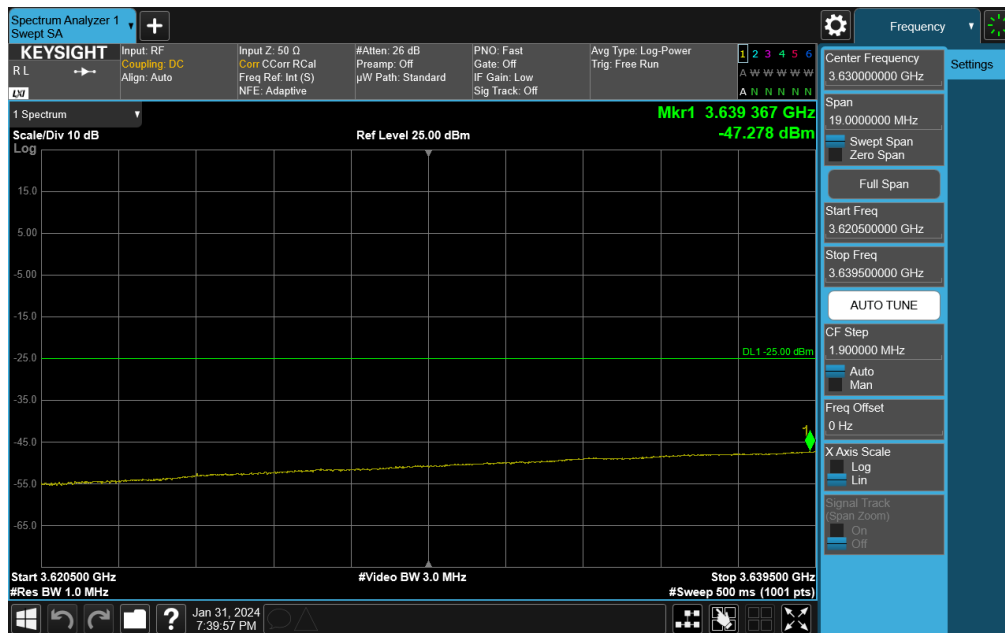


Plot 7-286. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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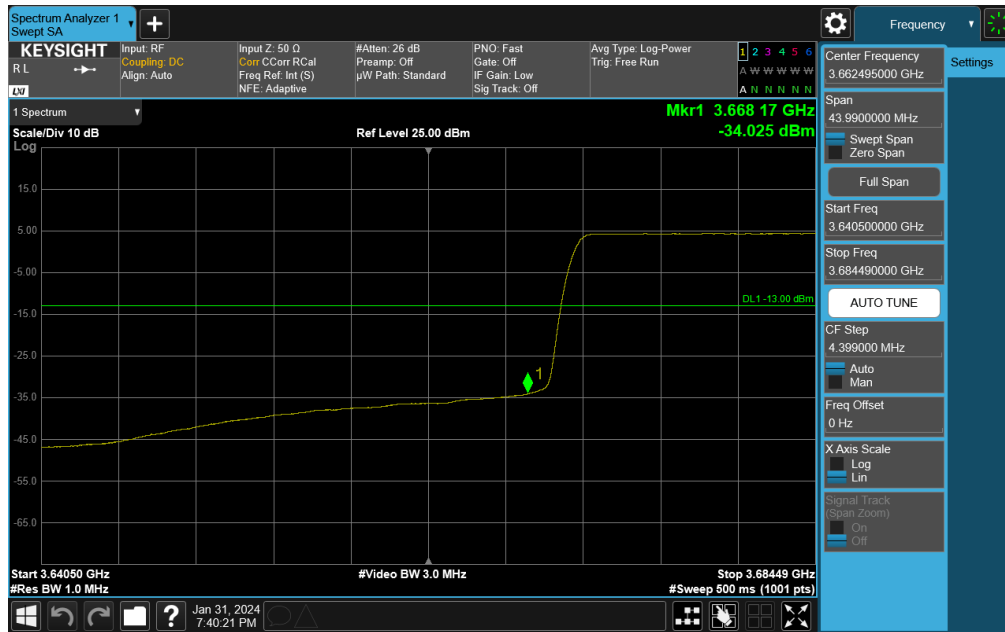


Plot 7-287. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

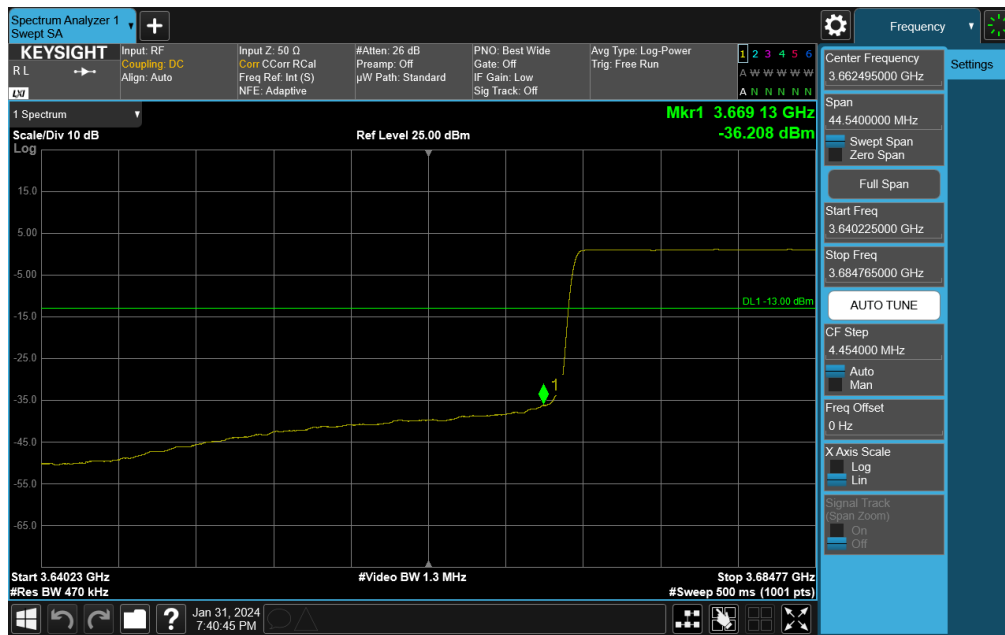


Plot 7-288. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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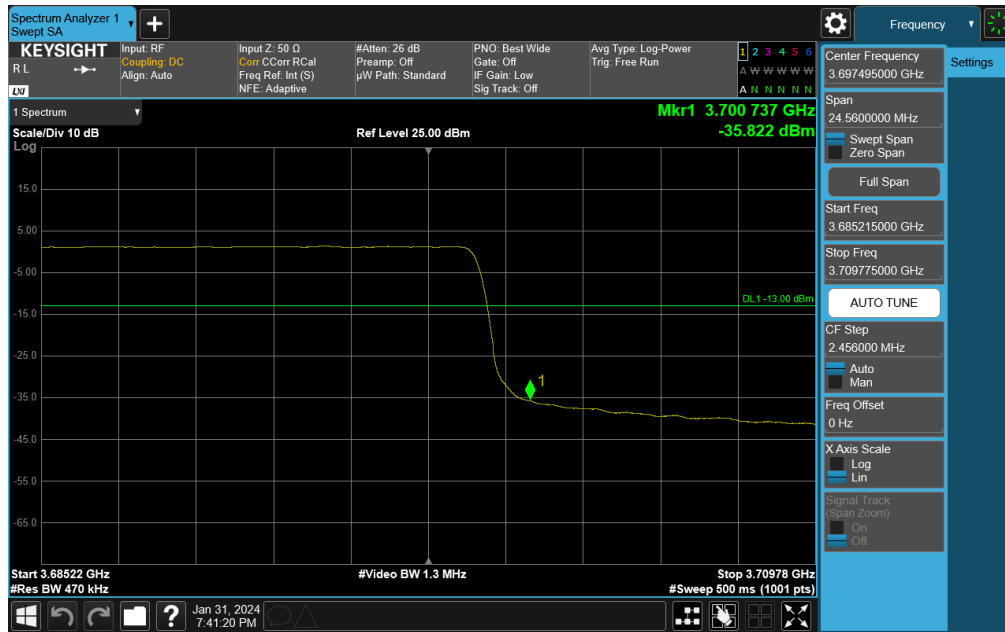


Plot 7-289. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

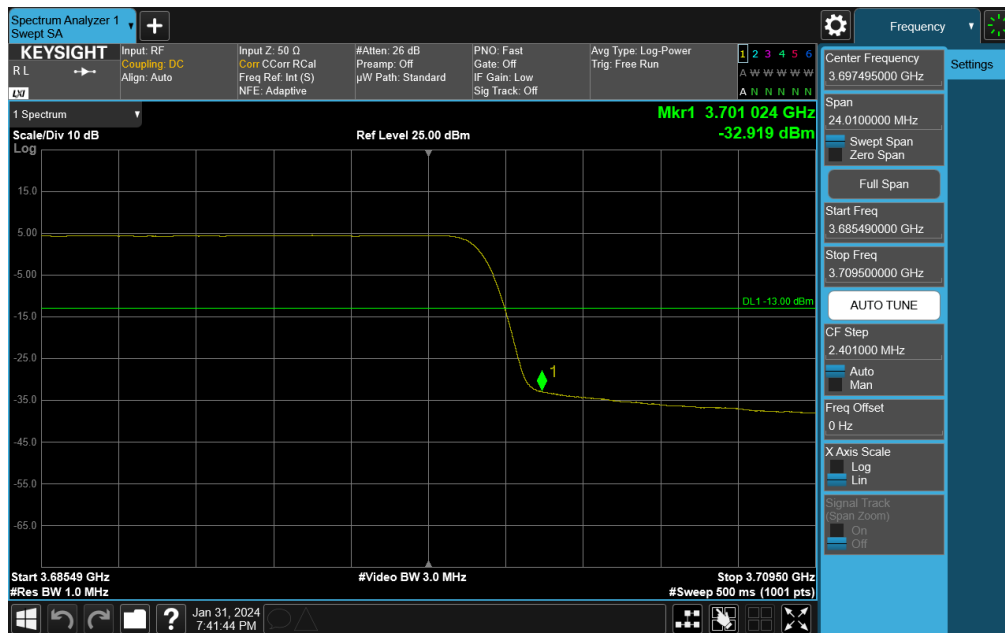


Plot 7-290. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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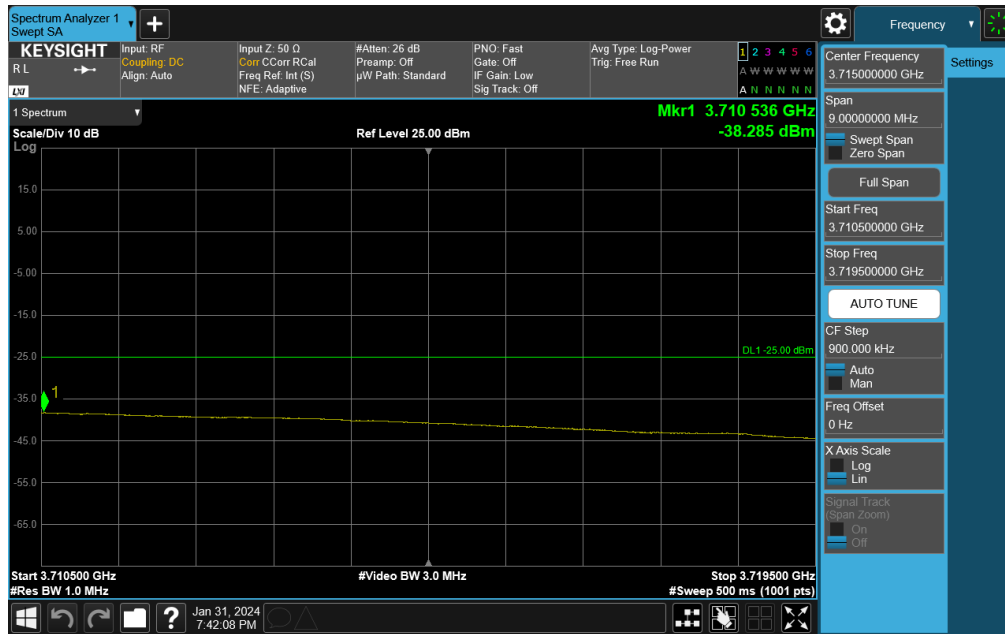


Plot 7-291. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

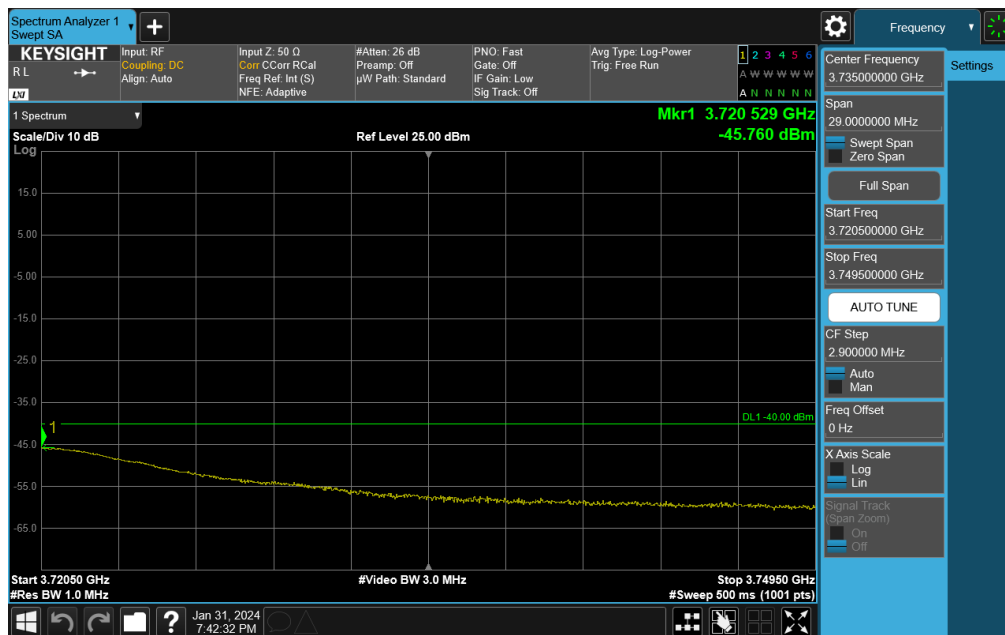


Plot 7-292. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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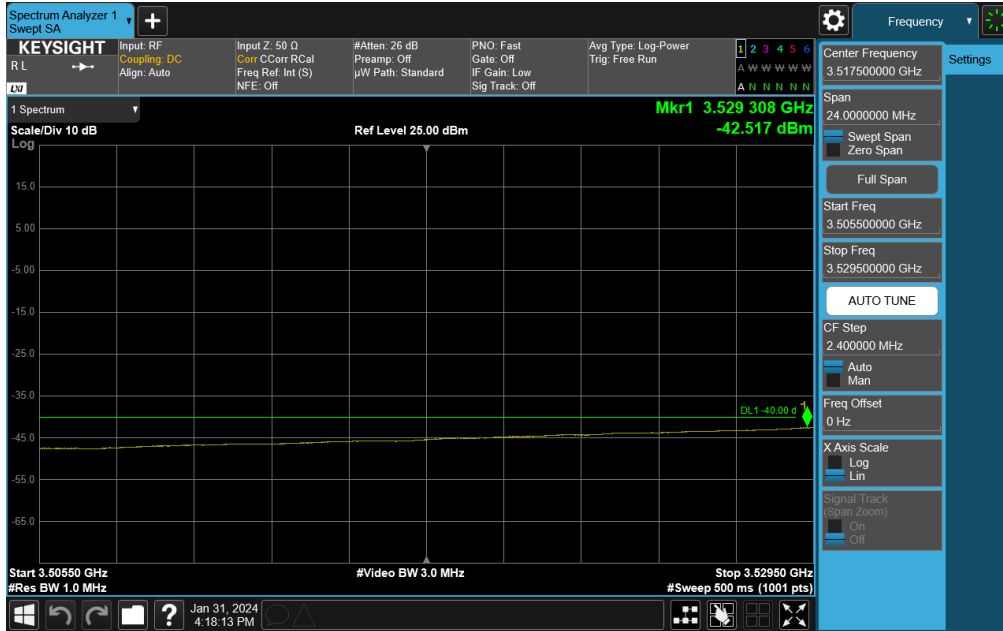


Plot 7-293. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

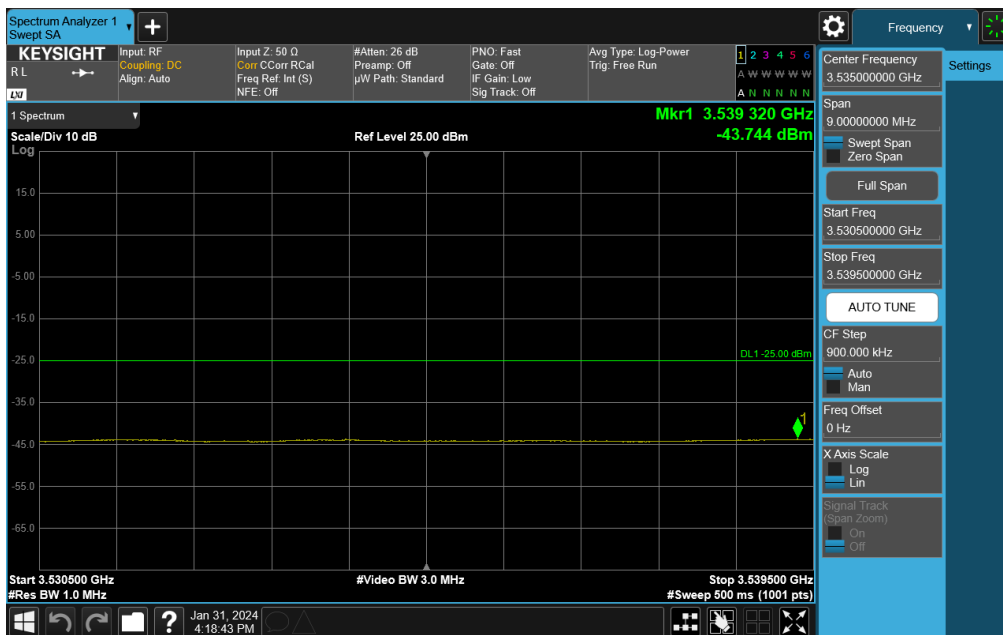


Plot 7-294. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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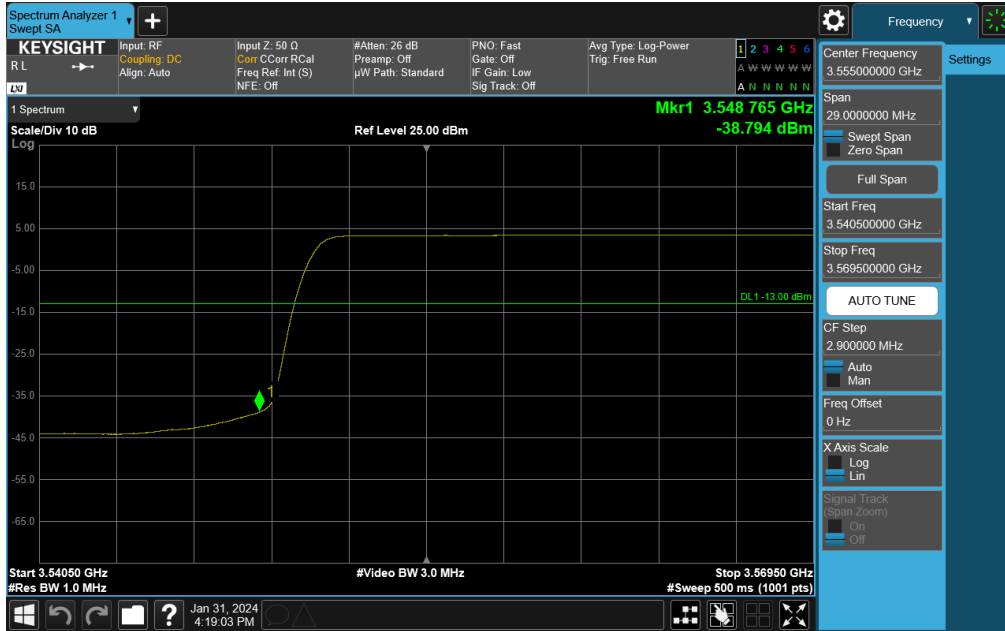


Plot 7-295. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

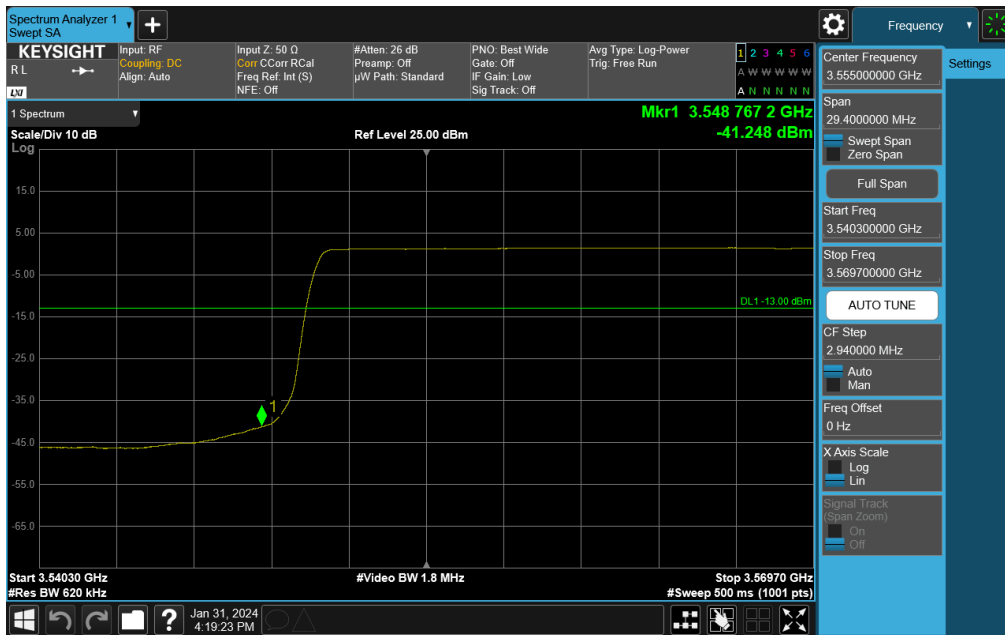


Plot 7-296. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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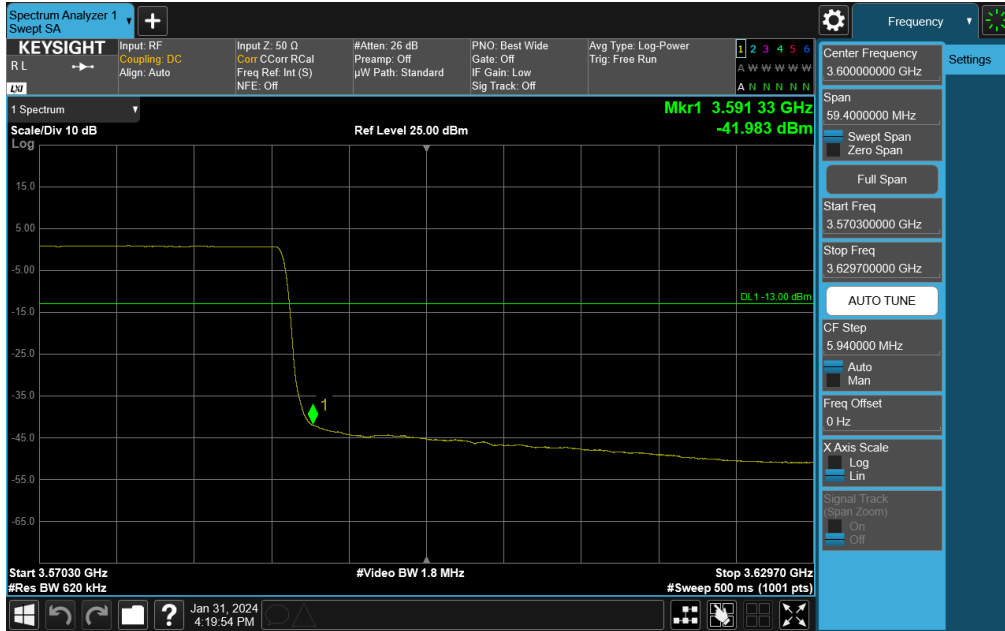


Plot 7-297. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

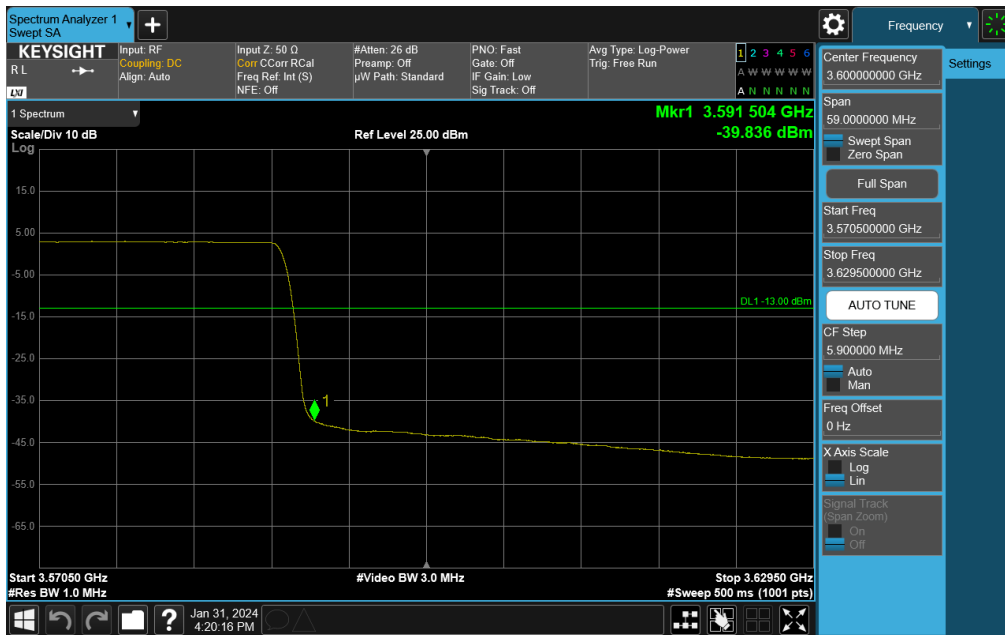


Plot 7-298. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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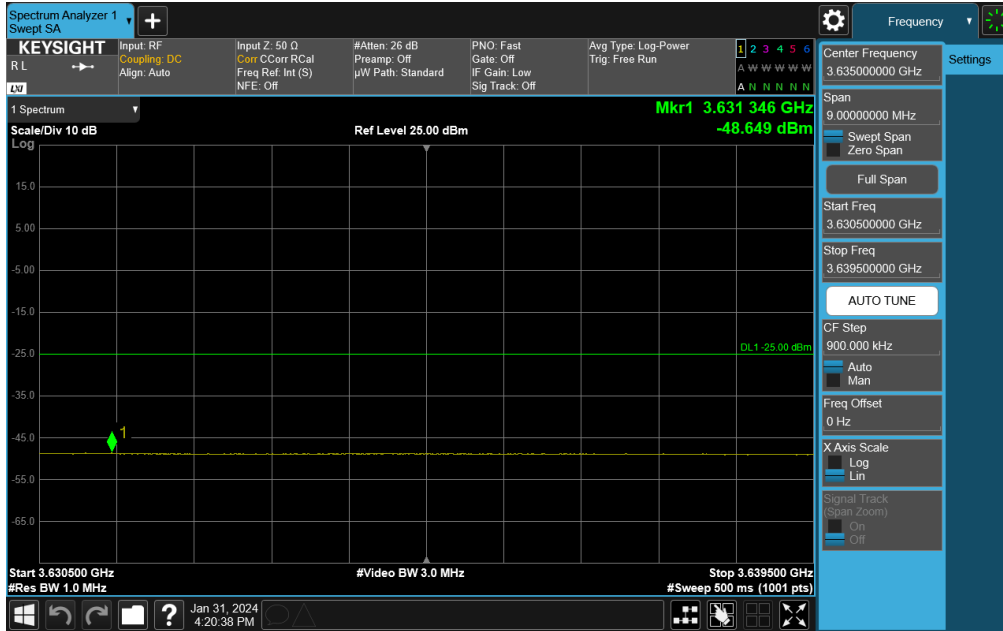


Plot 7-299. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

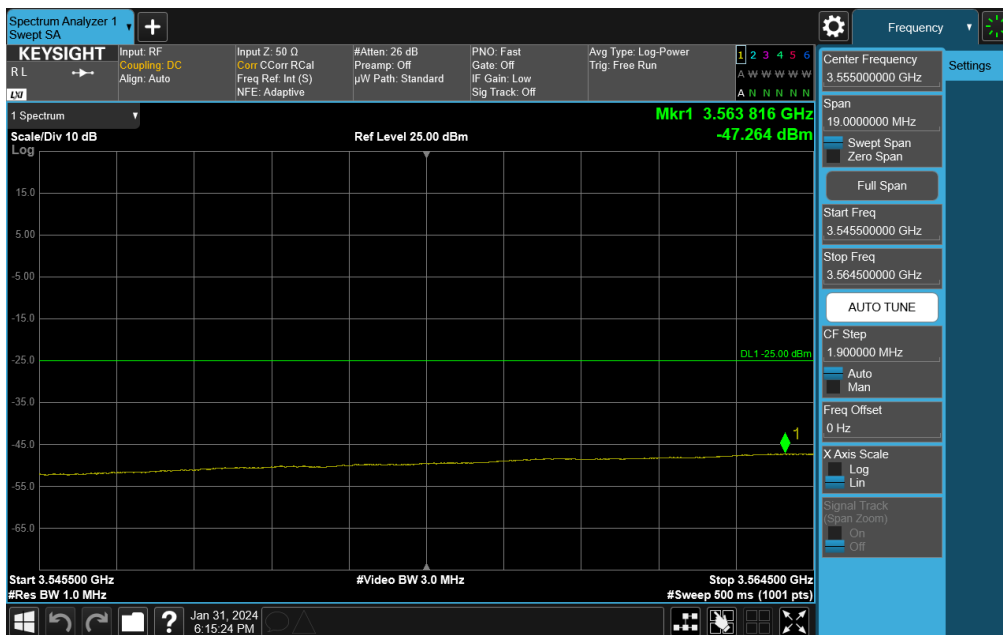


Plot 7-300. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)


FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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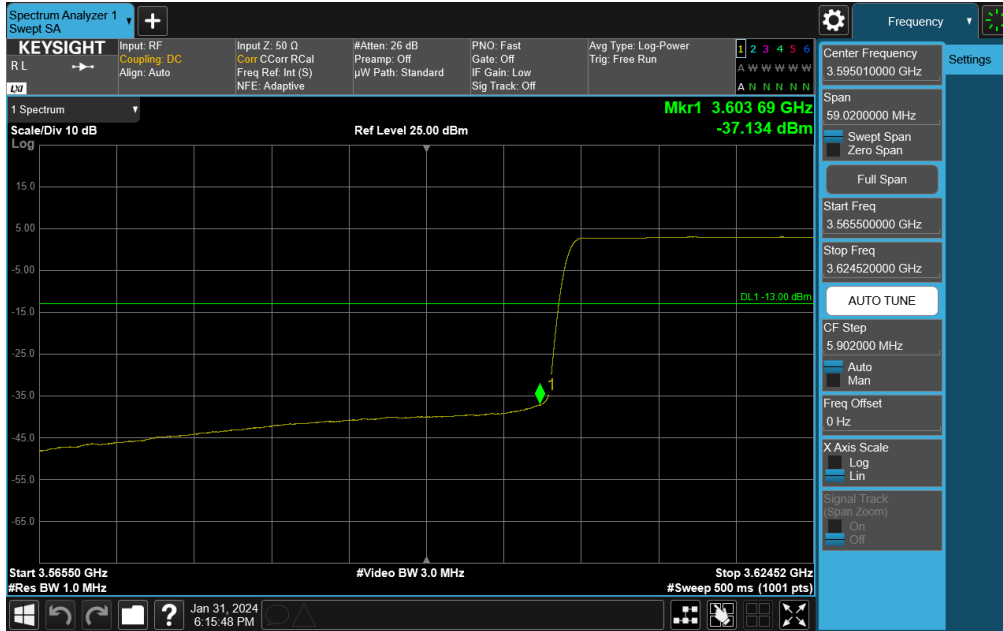


Plot 7-301. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

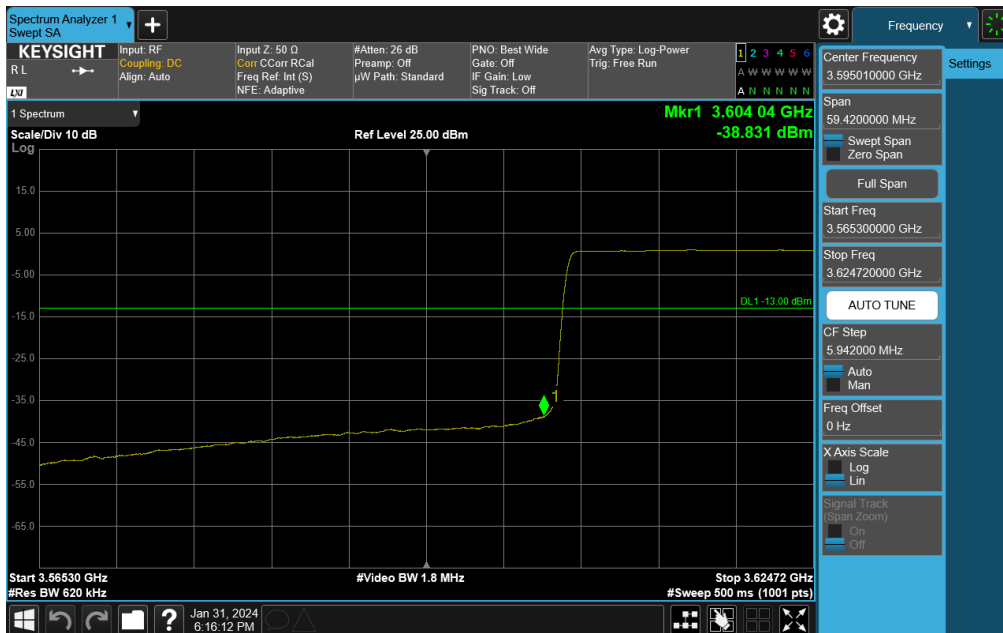


Plot 7-302. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	 PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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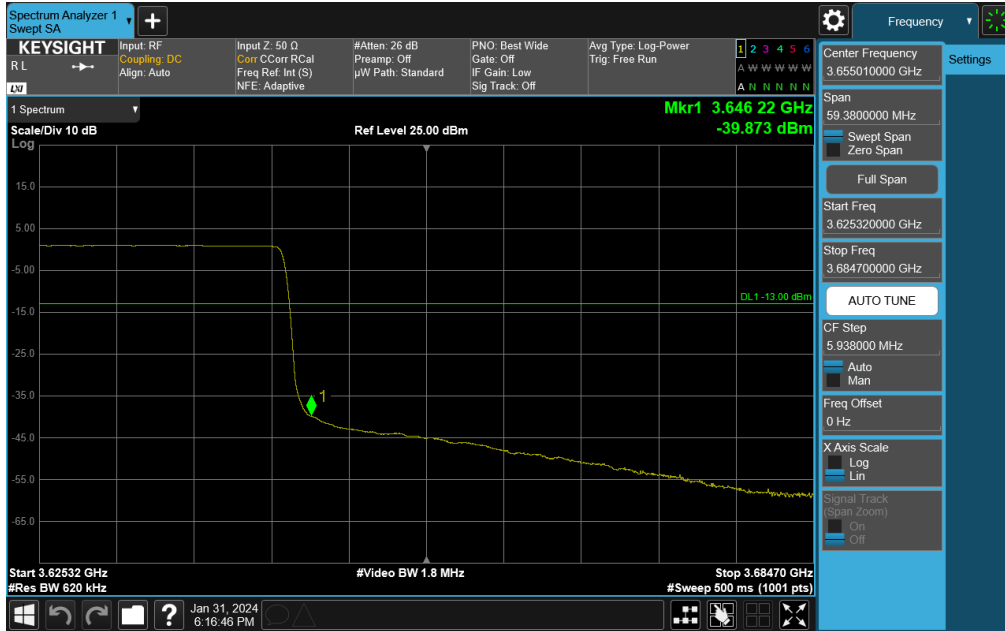


Plot 7-303. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

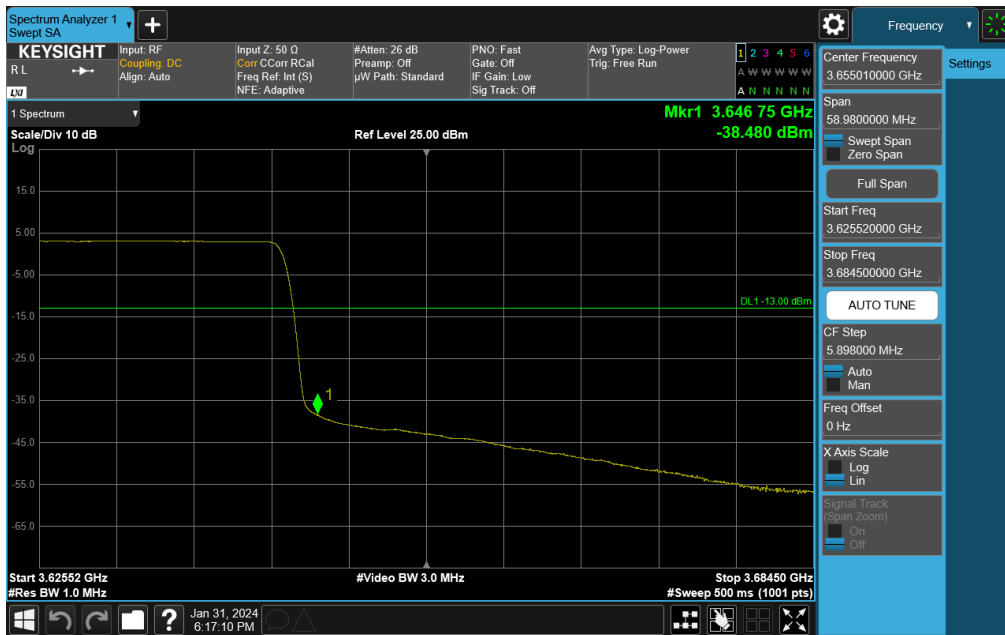


Plot 7-304. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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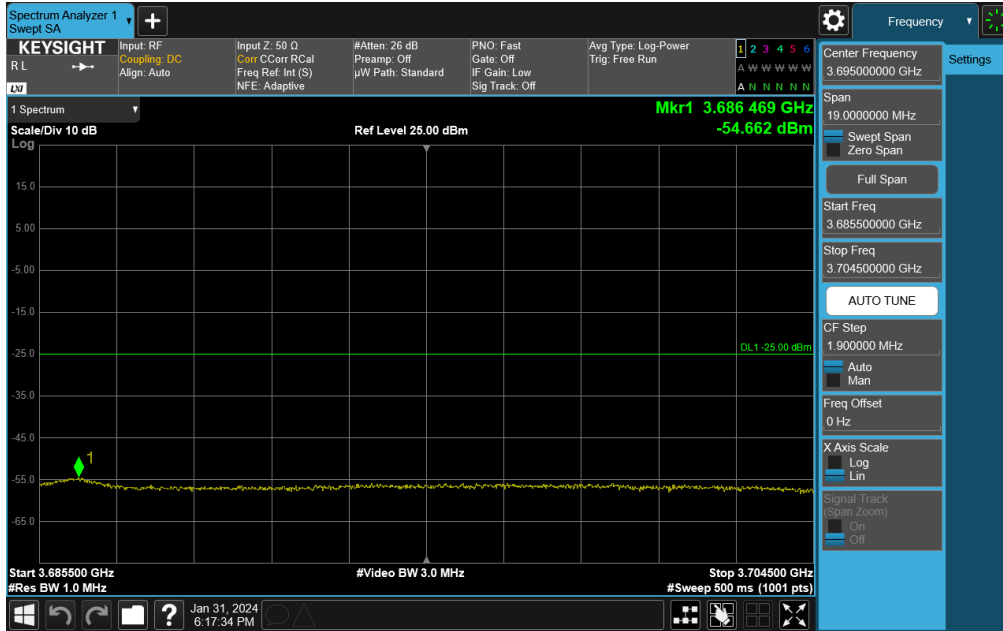


Plot 7-305. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

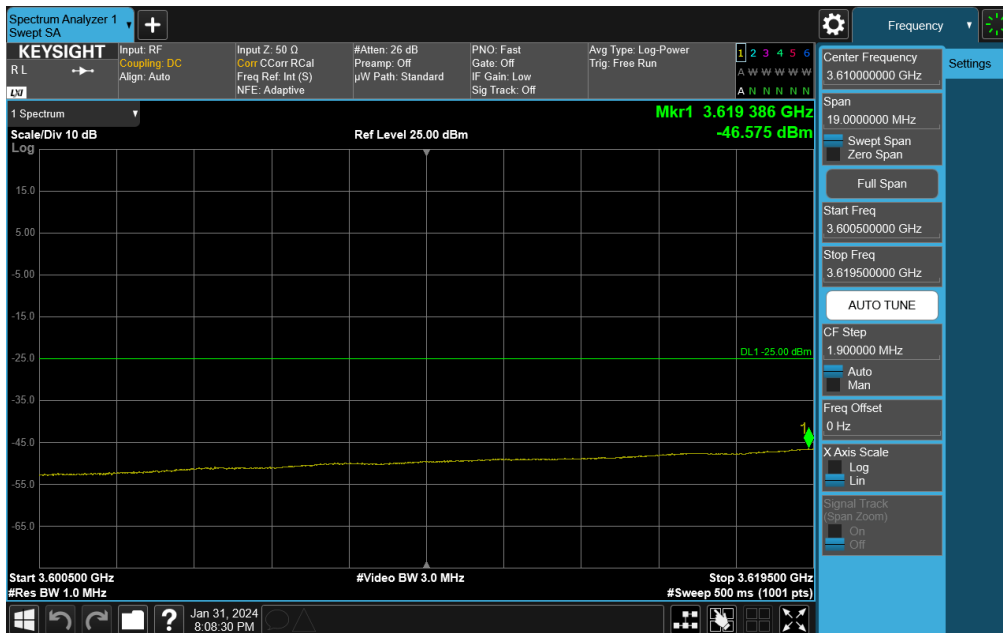


Plot 7-306. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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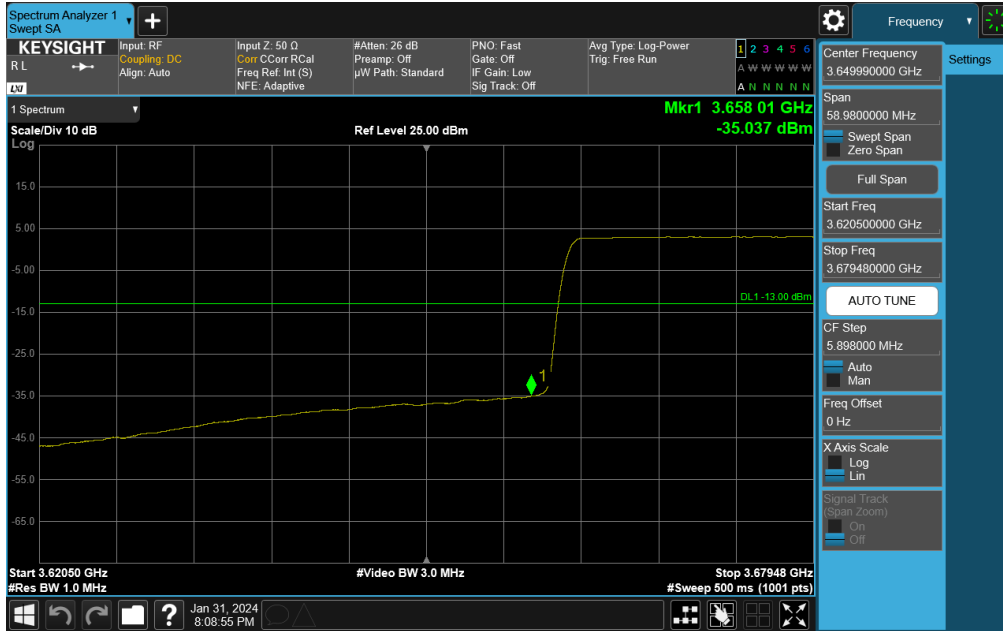


Plot 7-307. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

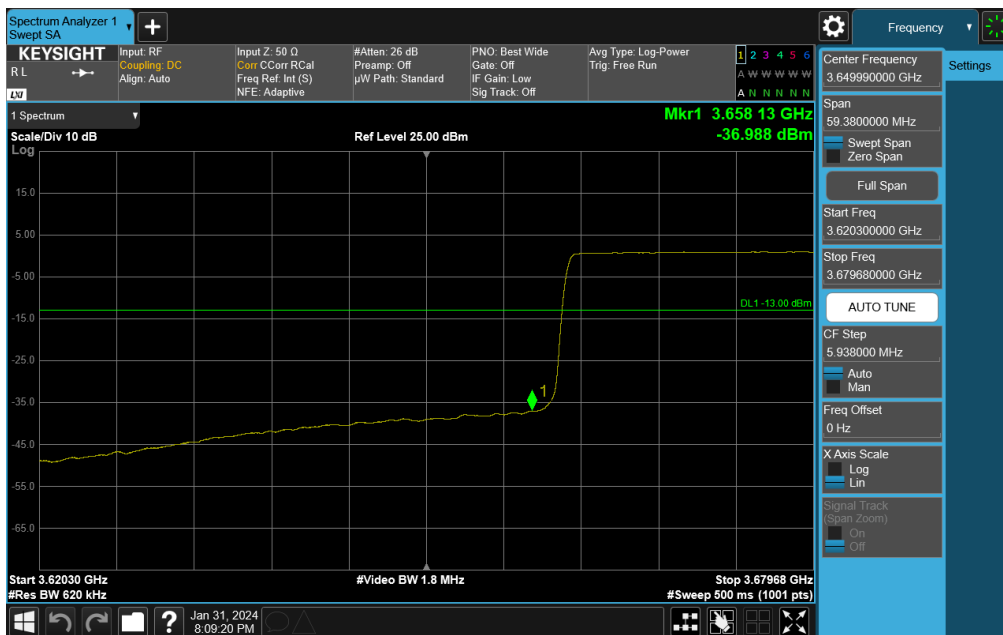


Plot 7-308. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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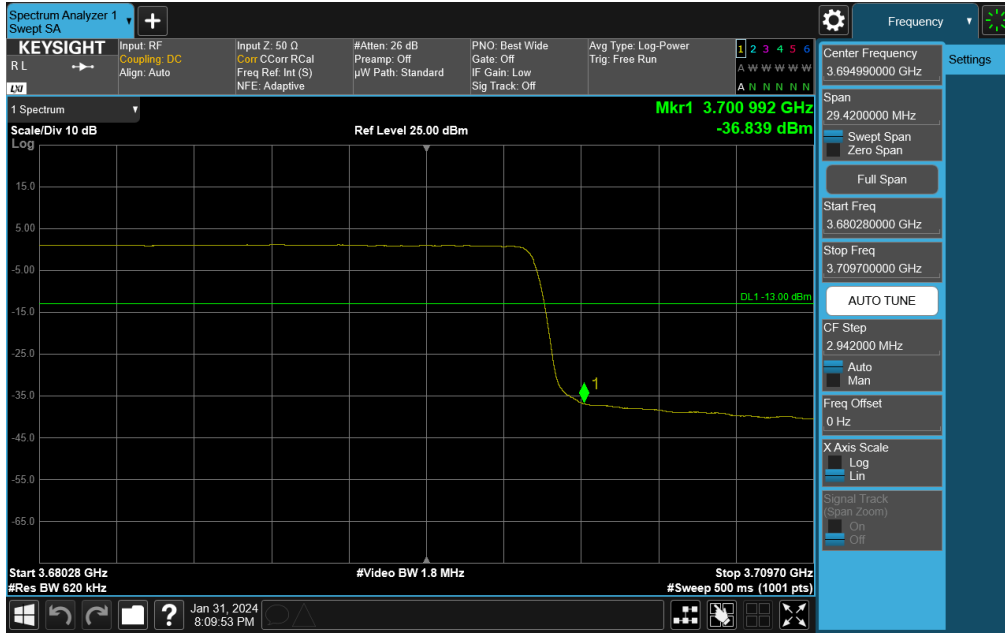


Plot 7-309. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

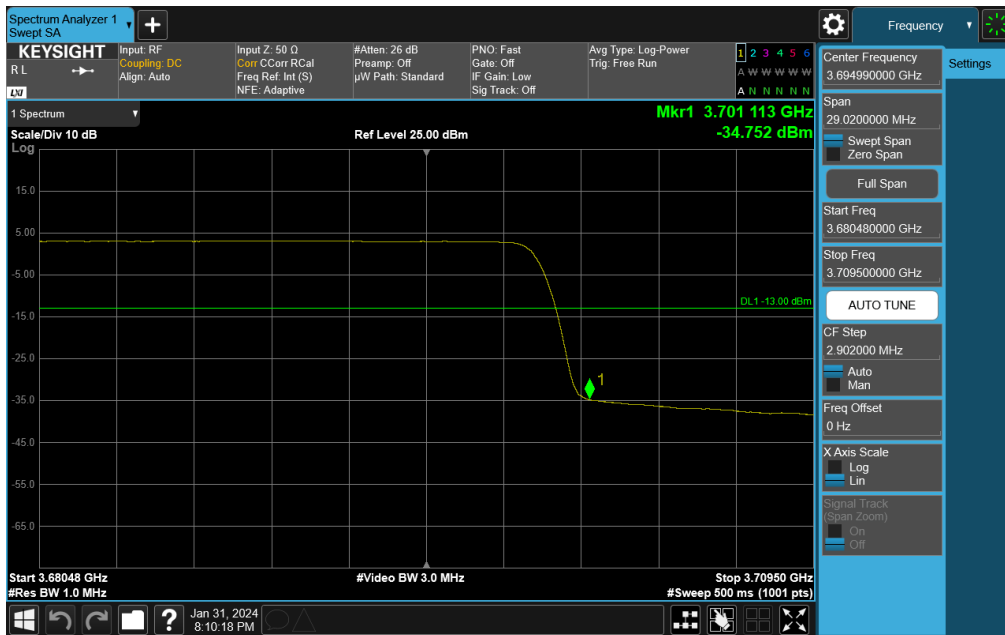


Plot 7-310. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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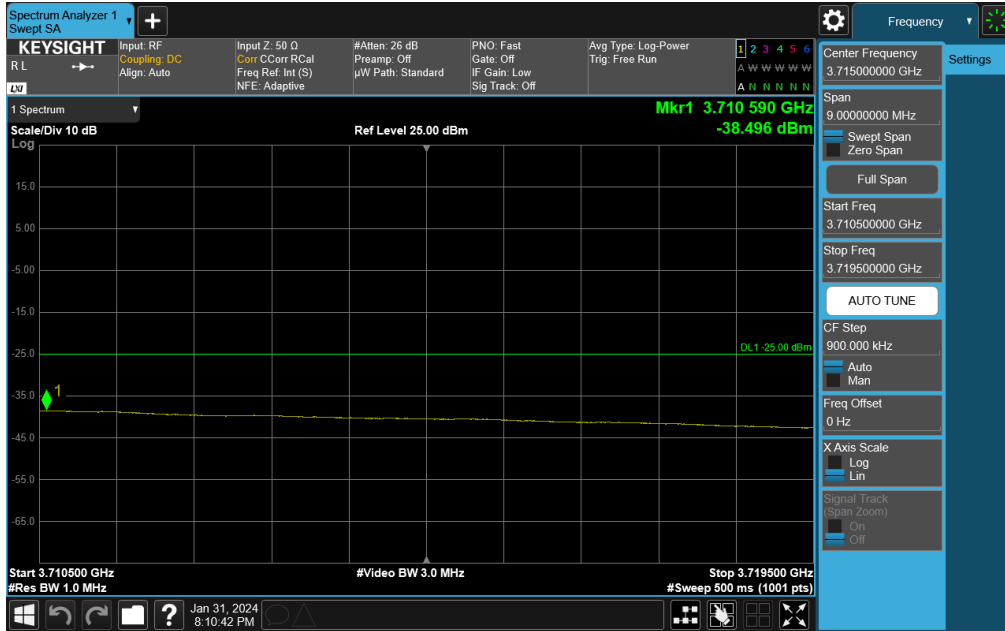


Plot 7-311. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

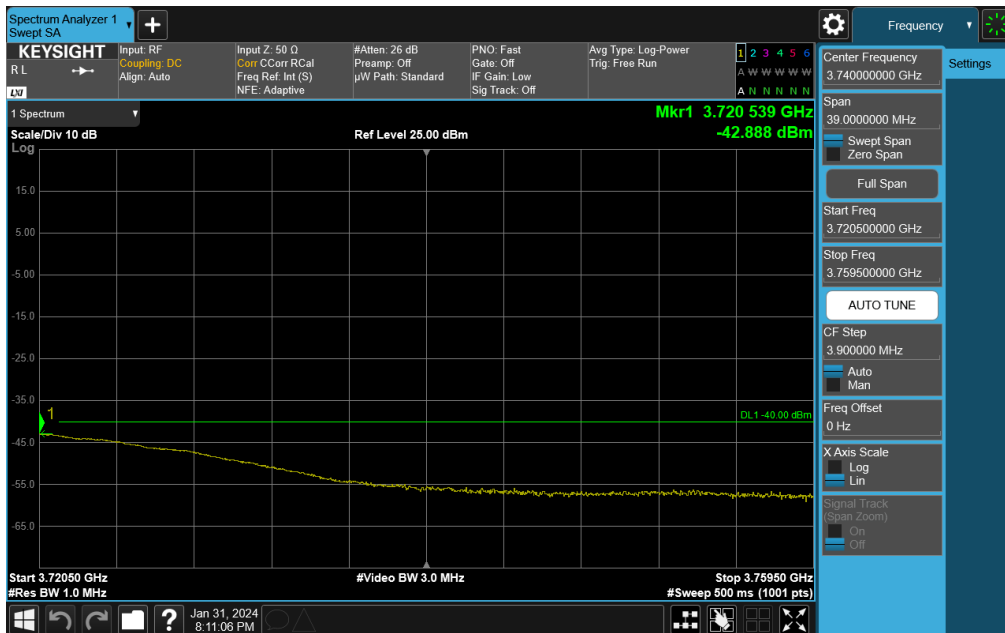


Plot 7-312. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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Plot 7-313. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)



Plot 7-314. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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7.5 Peak-Average Ratio

§96.41(g):

Test Overview and Limit

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level. All ports were tested and only the worst case data were reported.

The peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7.1

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW \geq OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Setup

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

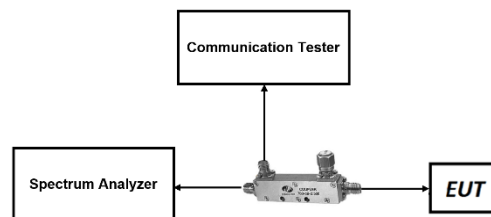



Figure 7-4. Test Instrument & Measurement Setup

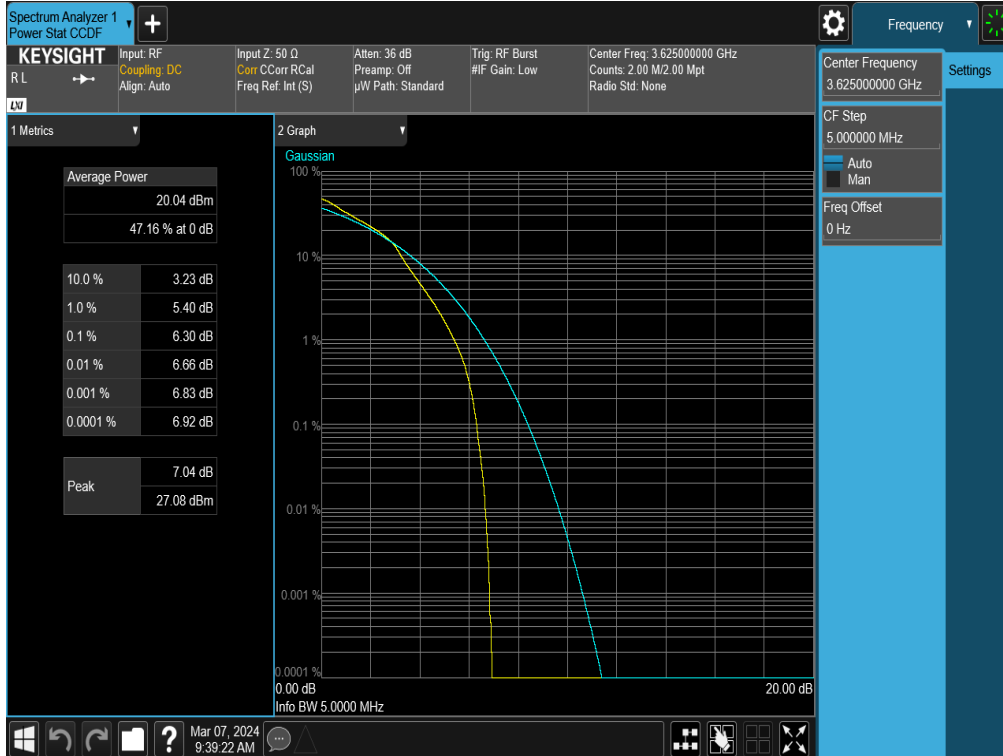
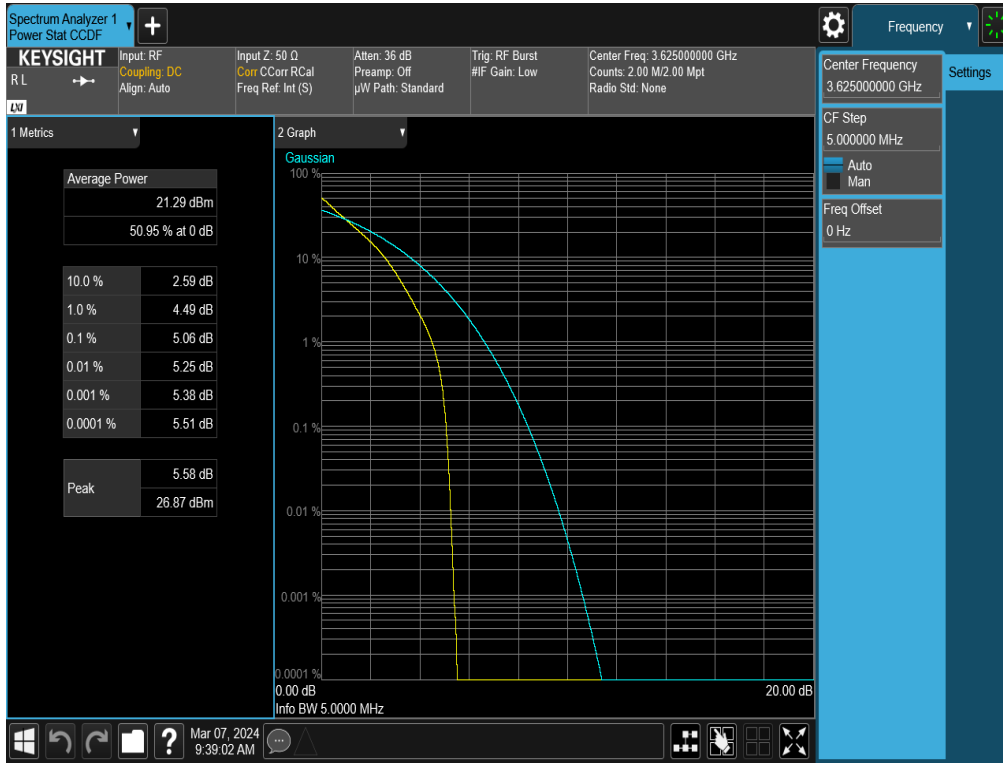
Test Notes

None.

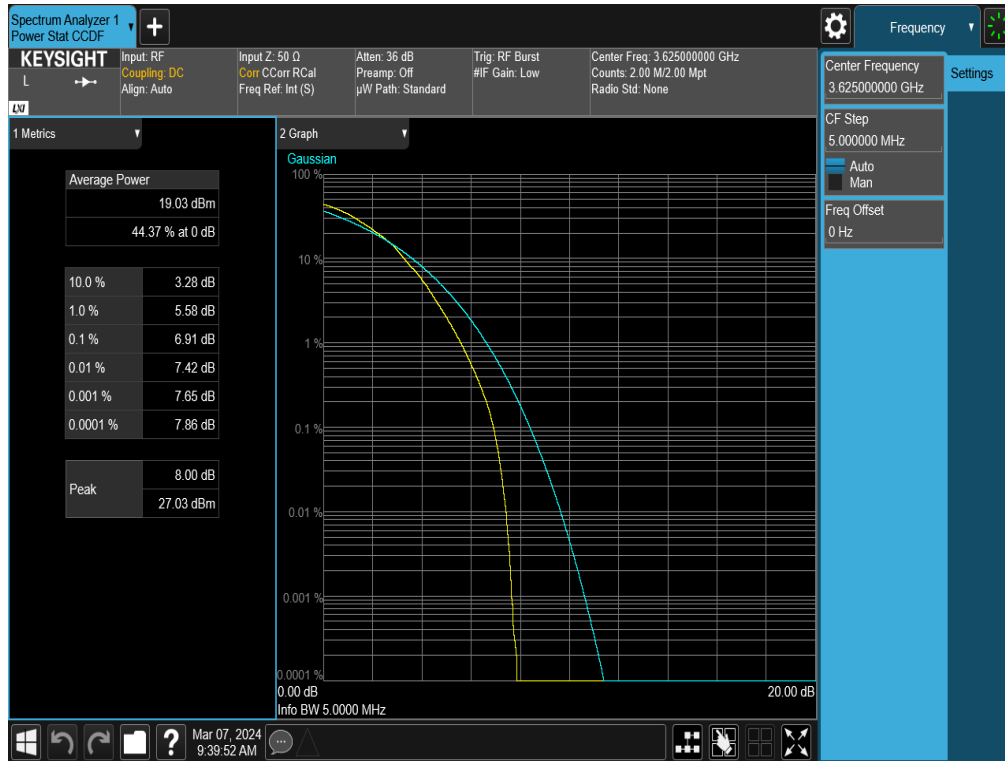
FCC ID: BCGA2899	 PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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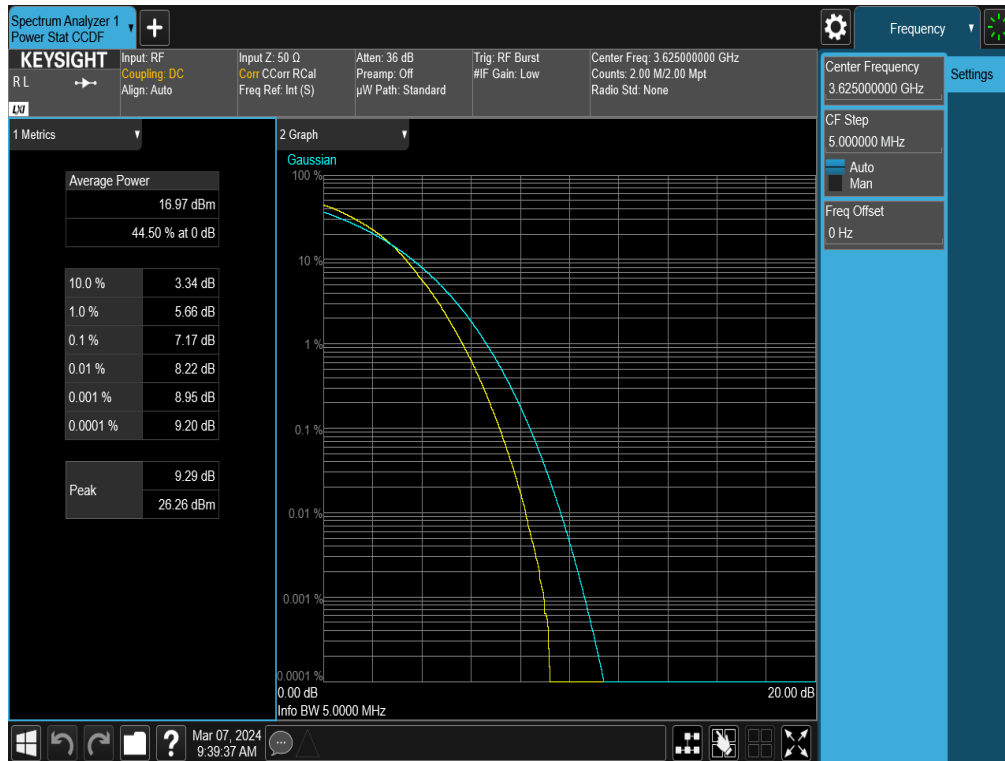
LTE Band 48



FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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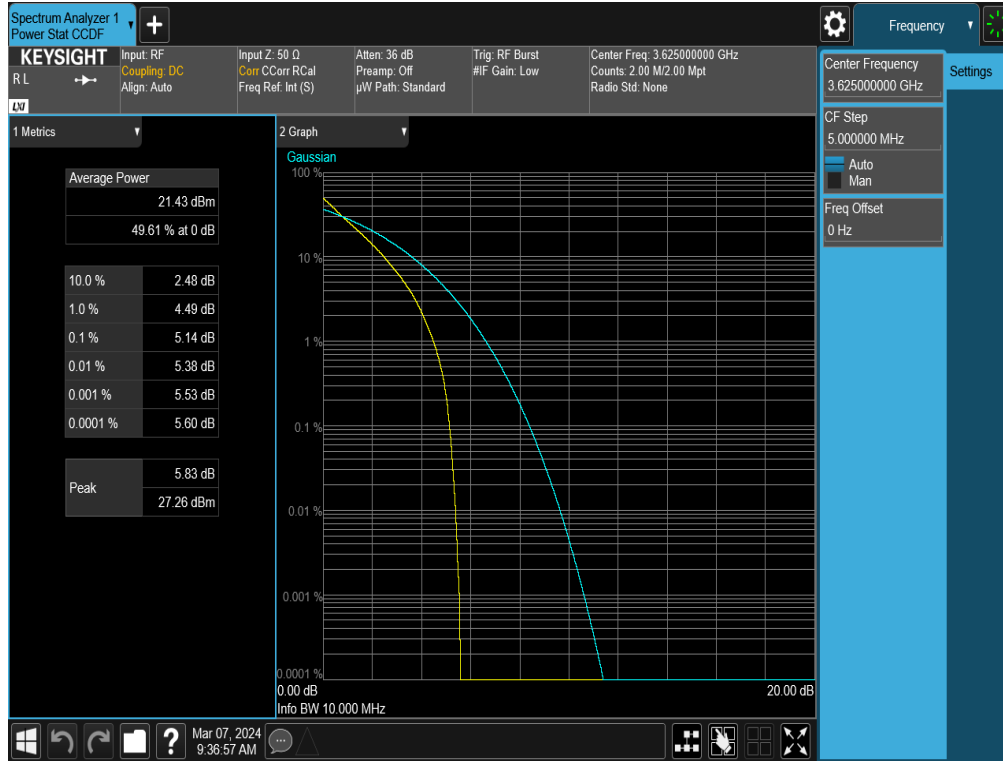


Plot 7-317. PAR Plot (LTE Band 48 - 5MHz 64-QAM – Full RB)

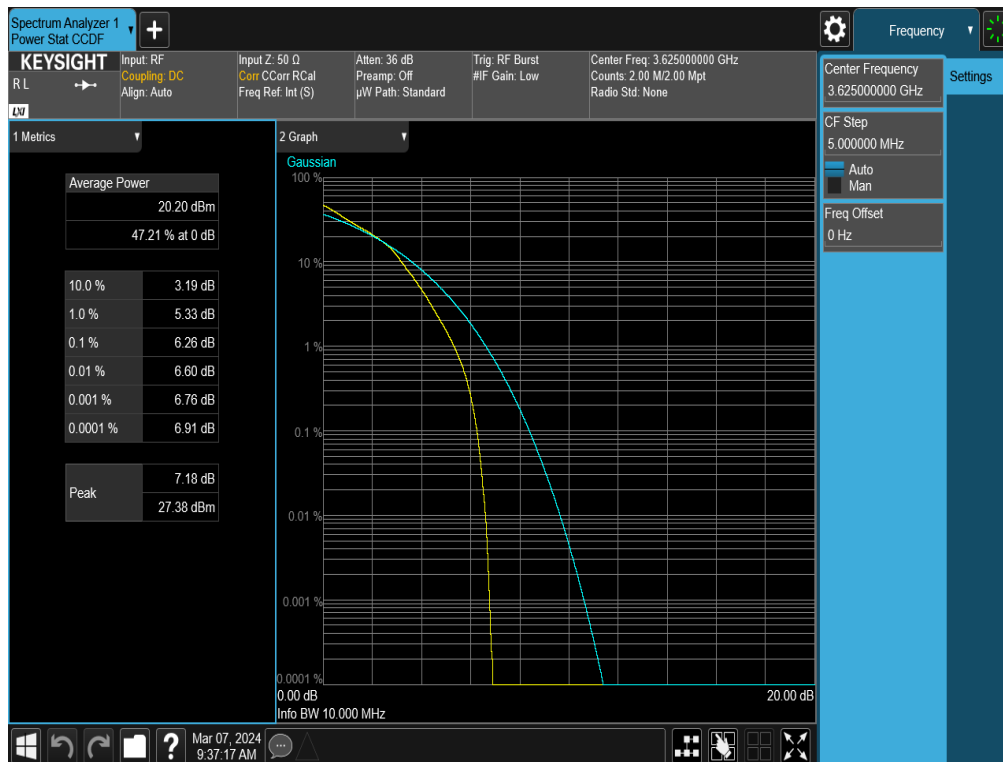


Plot 7-318. PAR Plot (LTE Band 48 - 5MHz 256-QAM – Full RB)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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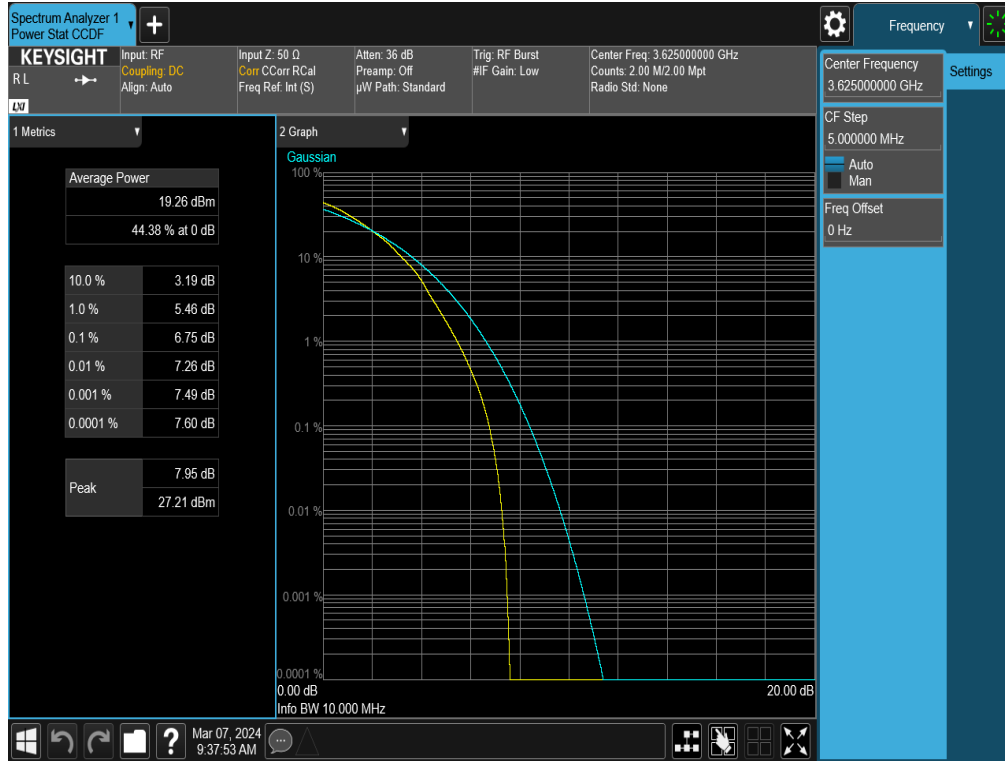


Plot 7-319. PAR Plot (LTE Band 48 - 10MHz QPSK – Full RB)

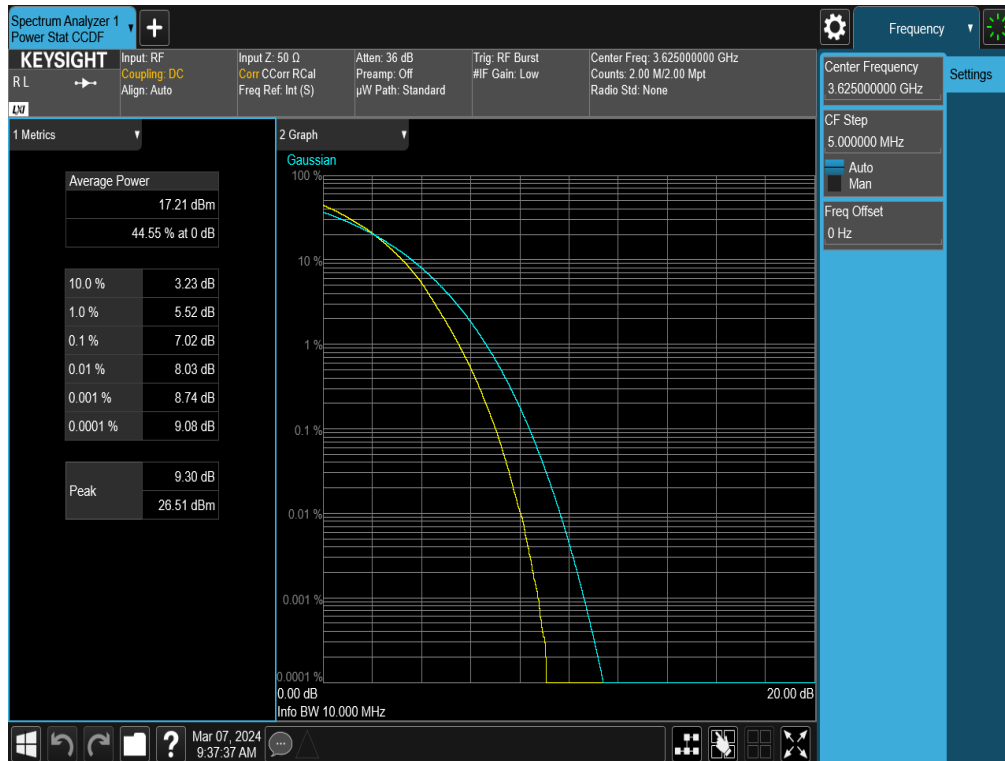


Plot 7-320. PAR Plot (LTE Band 48 - 10MHz 16-QAM – Full RB)


FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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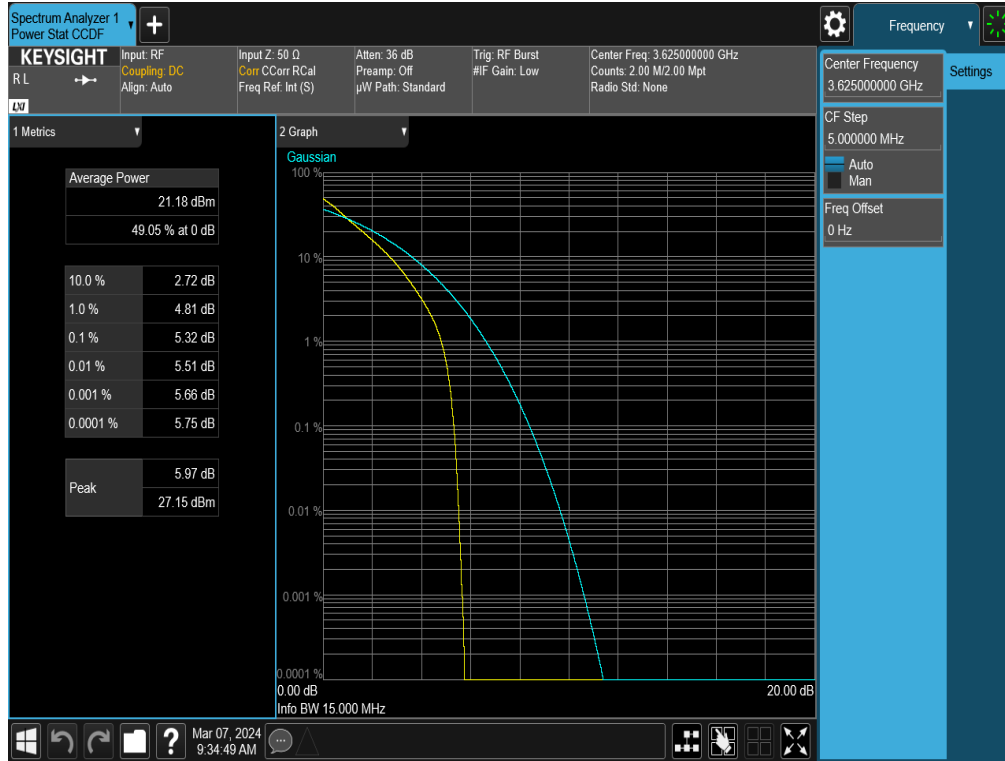


Plot 7-321. PAR Plot (LTE Band 48 - 10MHz 64-QAM – Full RB)

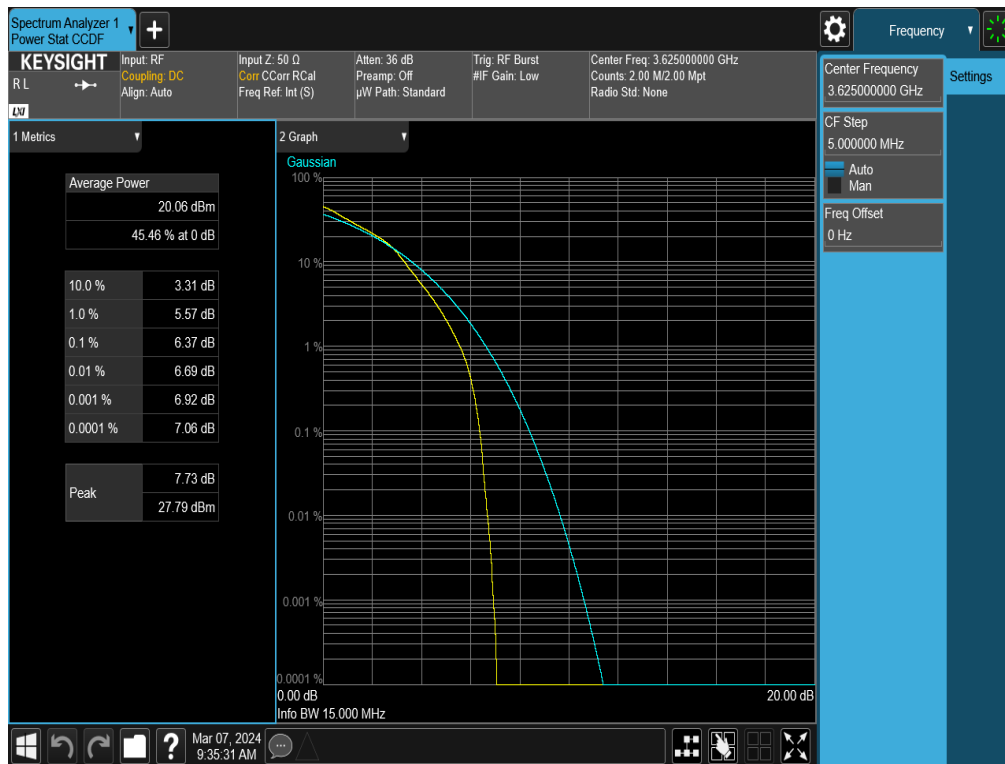


Plot 7-322. PAR Plot (LTE Band 48 - 10MHz 256-QAM – Full RB)

FCC ID: BCGA2899	 PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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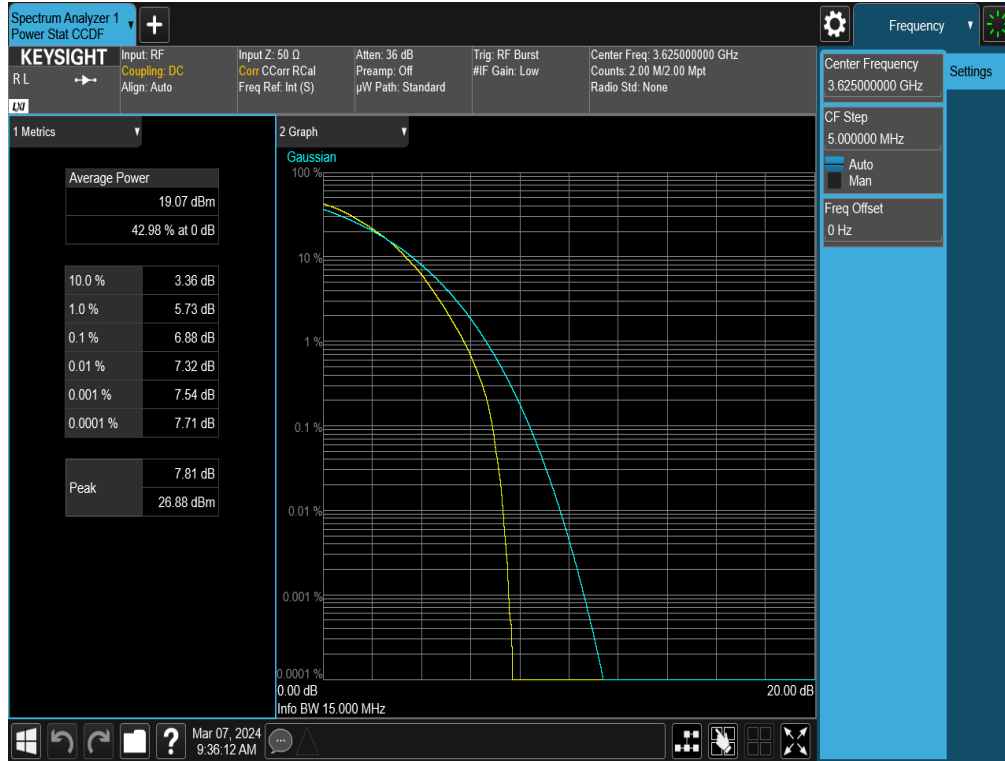


Plot 7-323. PAR Plot (LTE Band 48 - 15MHz QPSK – Full RB)

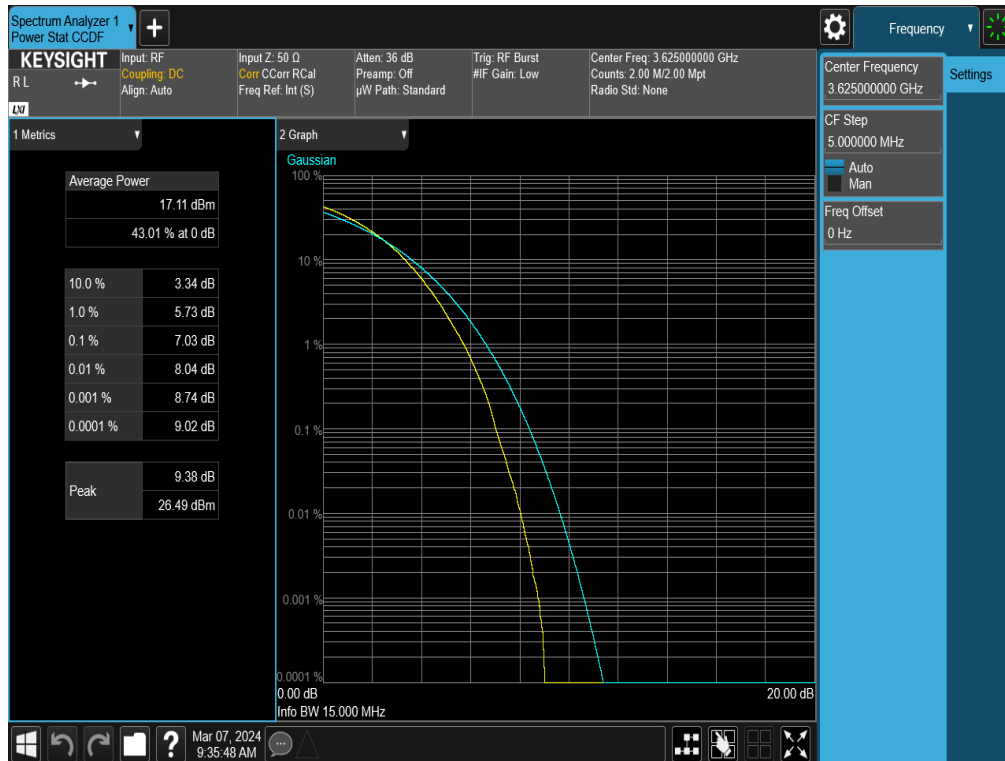


Plot 7-324. PAR Plot (LTE Band 48 - 15MHz 16-QAM – Full RB)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C23311270066-15-R1.BCG	Test Dates: 10/01/2023-03/20/2024	EUT Type: Tablet Device
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Plot 7-325. PAR Plot (LTE Band 48 - 15MHz 64-QAM – Full RB)



Plot 7-326. PAR Plot (LTE Band 48 - 15MHz 256-QAM – Full RB)

FCC ID: BCGA2899	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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