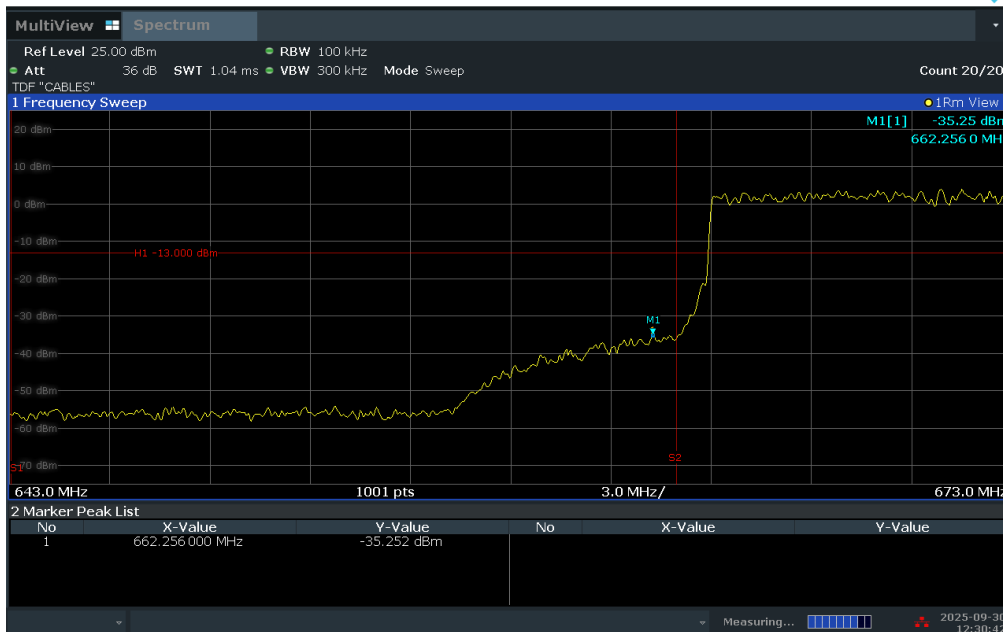


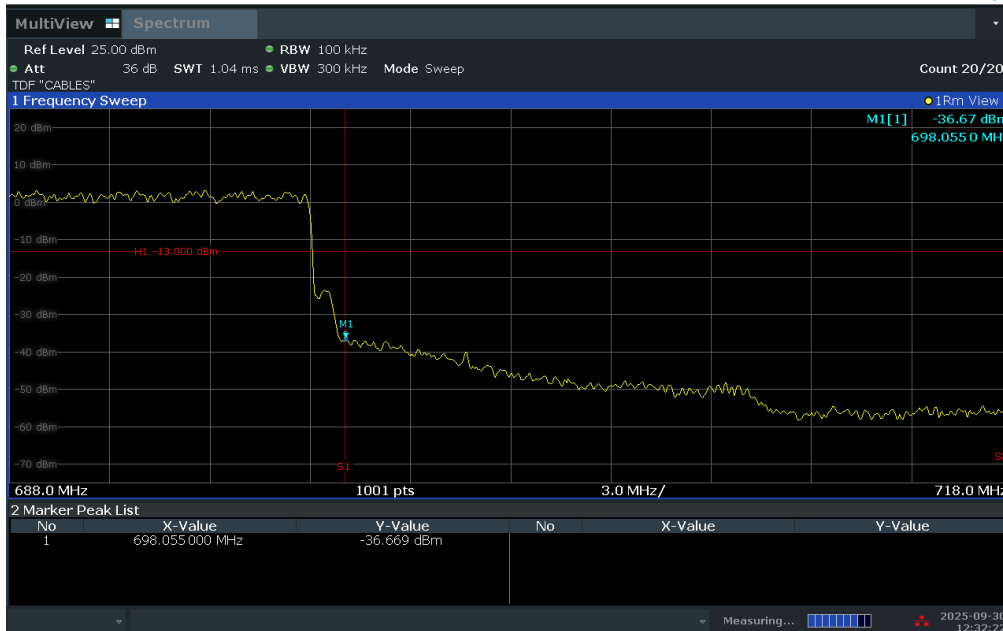
Test Plot



12:30:42 PM 09/30/2025

Plot 7-295. Lower Band Edge Plot (LTE Band 71 - 20MHz QPSK – Full RB)

Test Plot



12:32:22 PM 09/30/2025

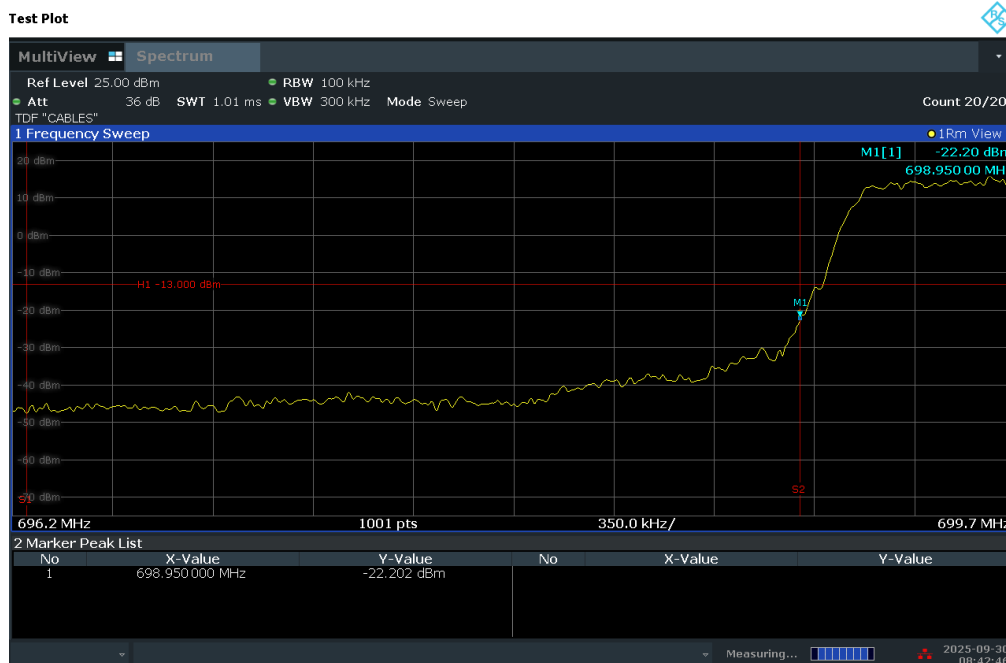
Plot 7-296. Upper Band Edge Plot (LTE Band 71 - 20MHz QPSK – Full RB)

FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12



08:42:46 AM 09/30/2025

Plot 7-297. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB)



08:44:25 AM 09/30/2025

Plot 7-298. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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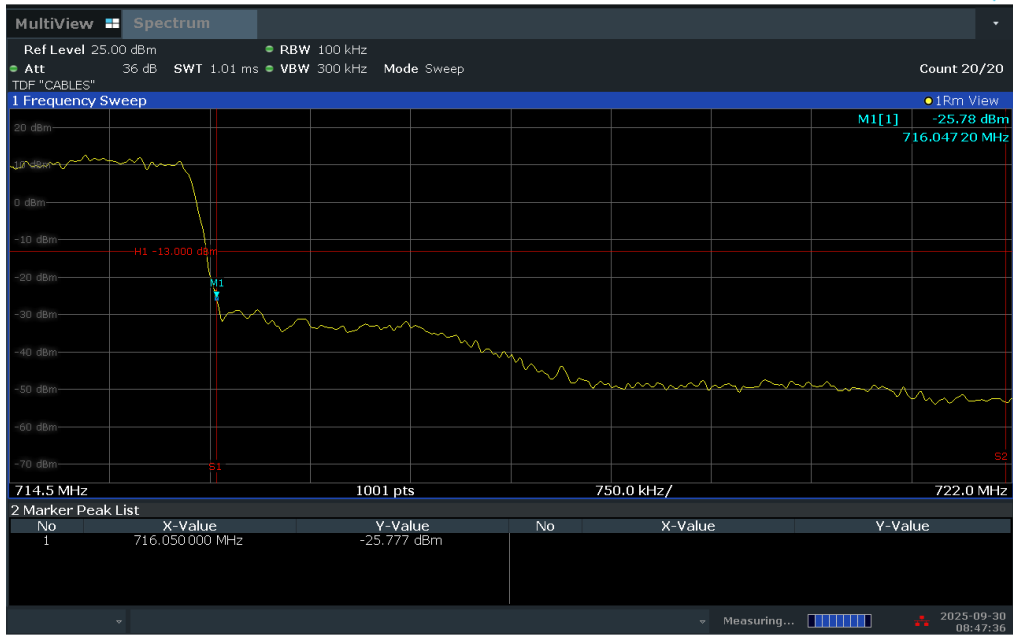
Test Plot



08:46:03 AM 09/30/2025

Plot 7-299. Lower Band Edge Plot (LTE Band 12 - 3MHz QPSK – Full RB)

Test Plot



08:47:36 AM 09/30/2025

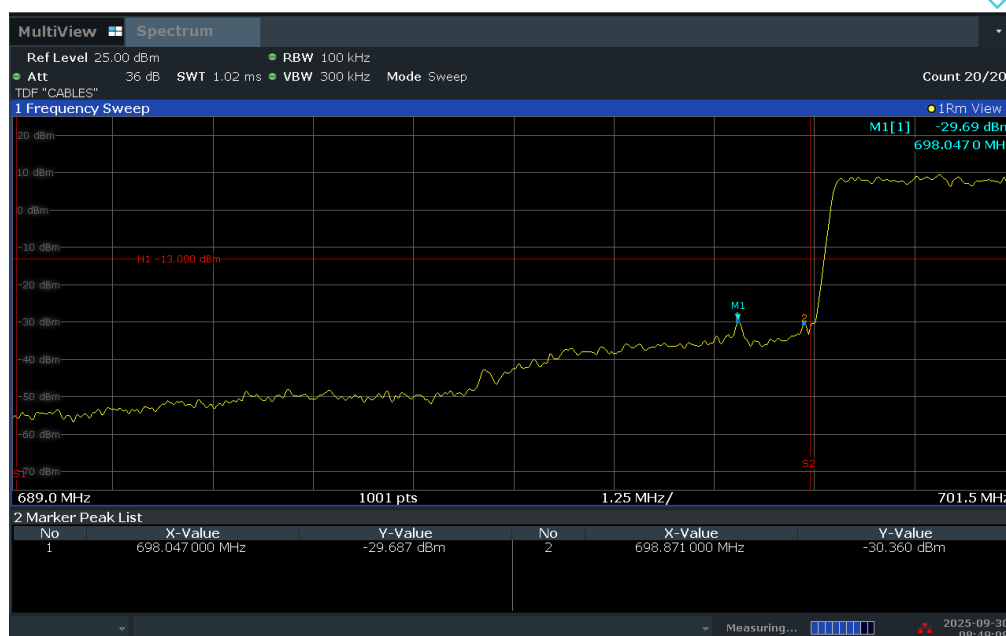
Plot 7-300. Upper Band Edge Plot (LTE Band 12 - 3MHz QPSK – Full RB)

FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-09-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 179 of 360

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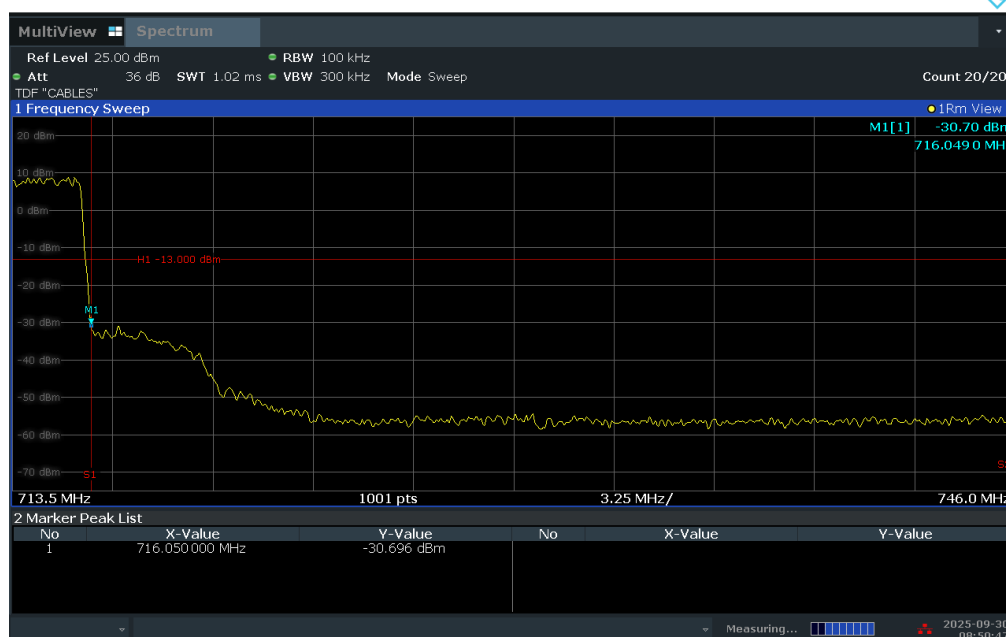
Test Plot



08:49:09 AM 09/30/2025

Plot 7-301. Lower Band Edge Plot (LTE Band 12 - 5MHz QPSK – Full RB)

Test Plot



08:50:48 AM 09/30/2025

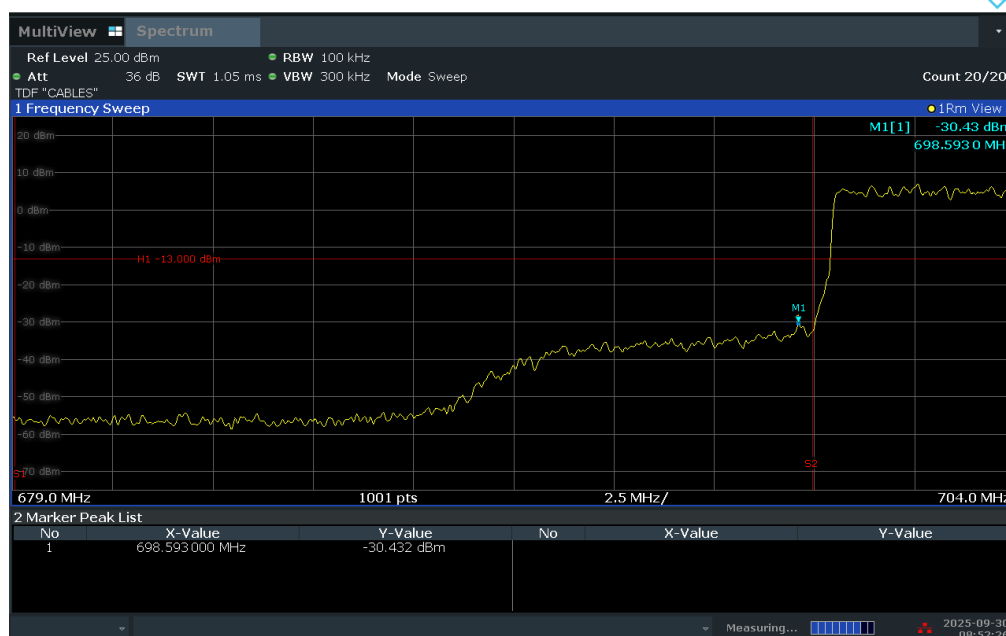
Plot 7-302. Upper Band Edge Plot (LTE Band 12 - 5MHz QPSK – Full RB)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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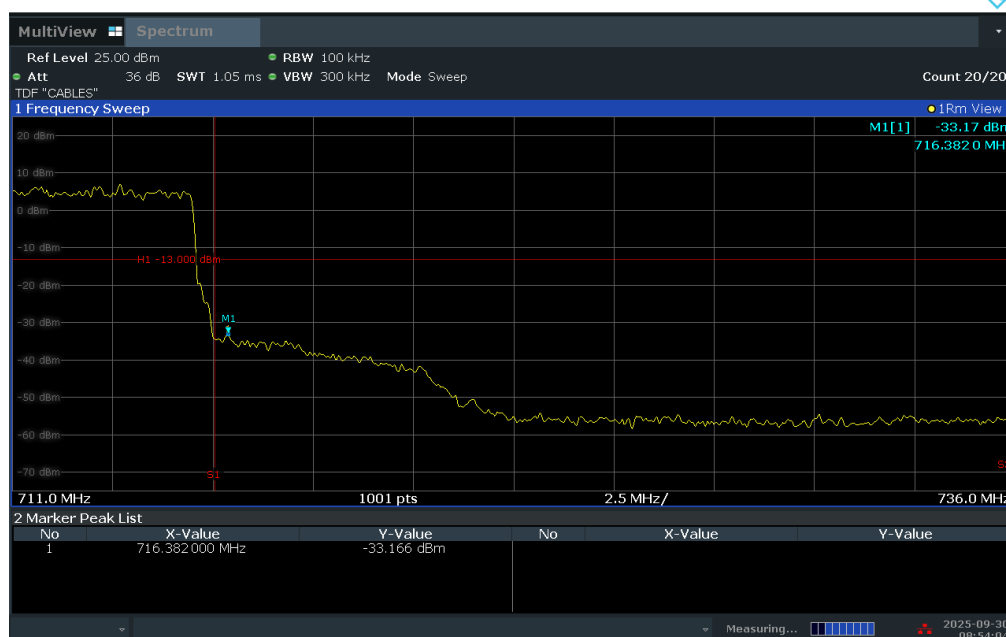
Test Plot



08:52:27 AM 09/30/2025

Plot 7-303. Lower Band Edge Plot (LTE Band 12 - 10MHz QPSK – Full RB)

Test Plot



08:54:05 AM 09/30/2025

Plot 7-304. Upper Band Edge Plot (LTE Band 12 - 10MHz QPSK – Full RB)

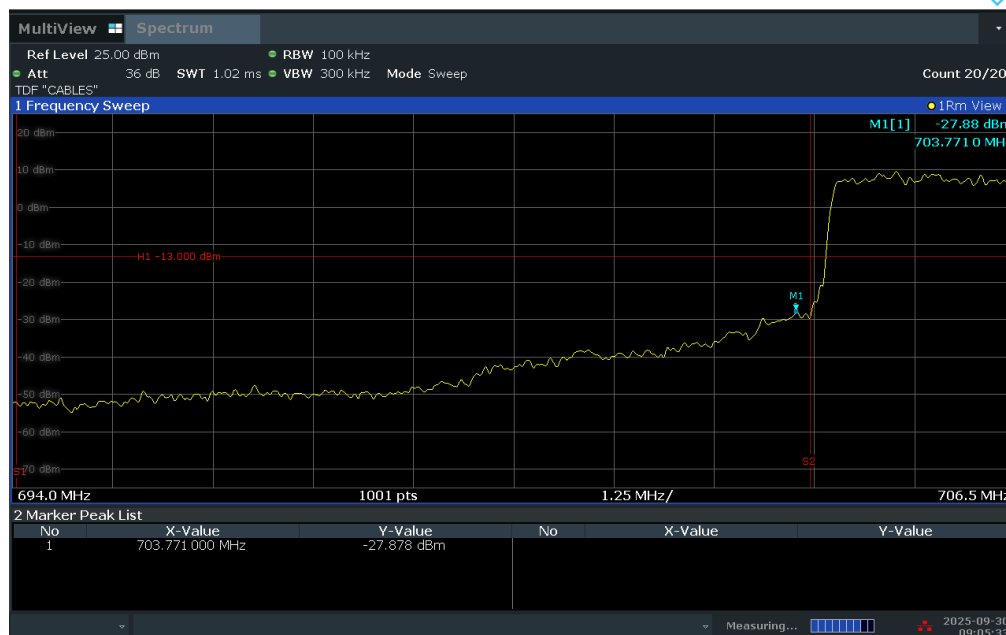
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 17

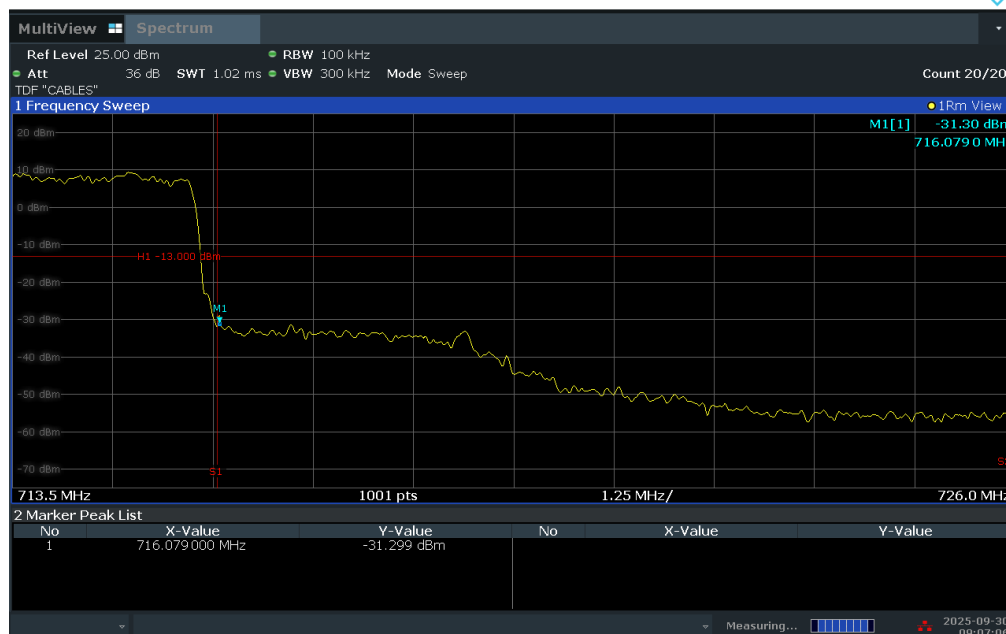
Test Plot



09:05:33 AM 09/30/2025

Plot 7-305. Lower Band Edge Plot (LTE Band 17 - 5MHz QPSK – Full RB)

Test Plot



09:07:07 AM 09/30/2025

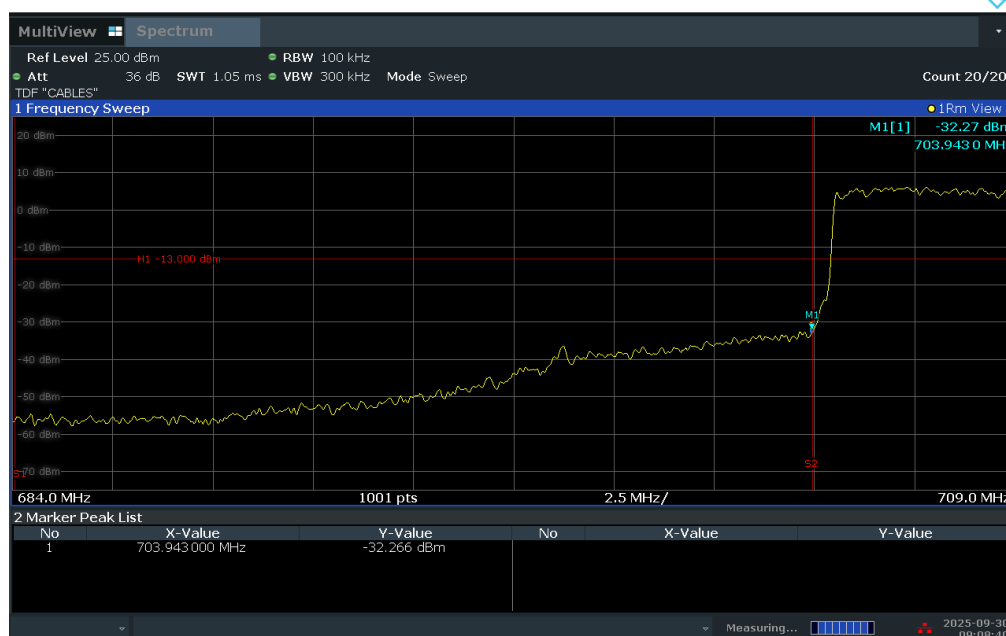
Plot 7-306. Upper Band Edge Plot (LTE Band 17 - 5MHz QPSK – Full RB)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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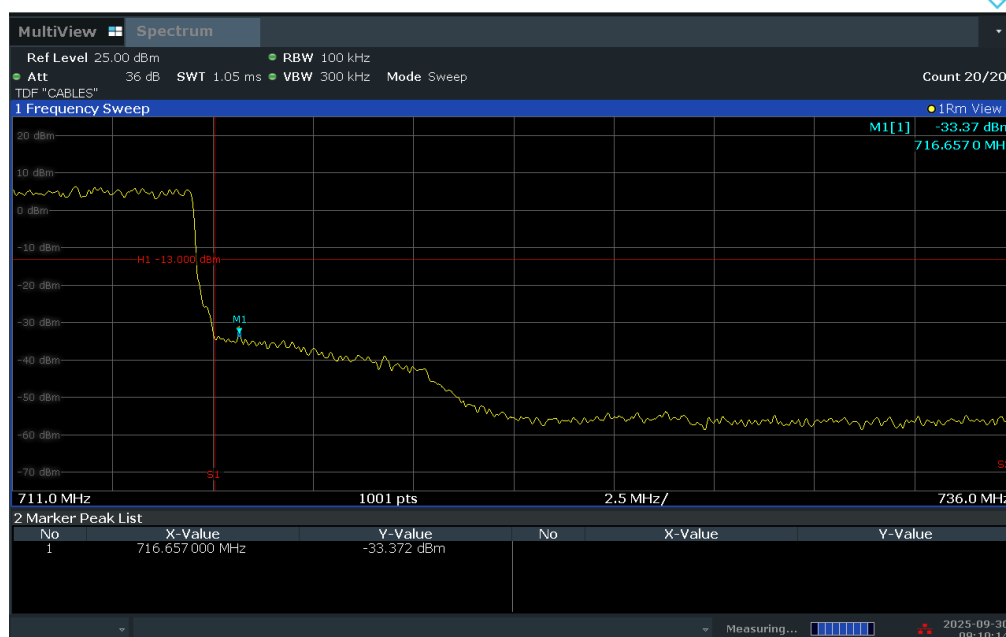
Test Plot



09:08:41 AM 09/30/2025

Plot 7-307. Lower Band Edge Plot (LTE Band 17 - 10MHz QPSK – Full RB)

Test Plot



09:10:14 AM 09/30/2025

Plot 7-308. Upper Band Edge Plot (LTE Band 17 - 10MHz QPSK – Full RB)

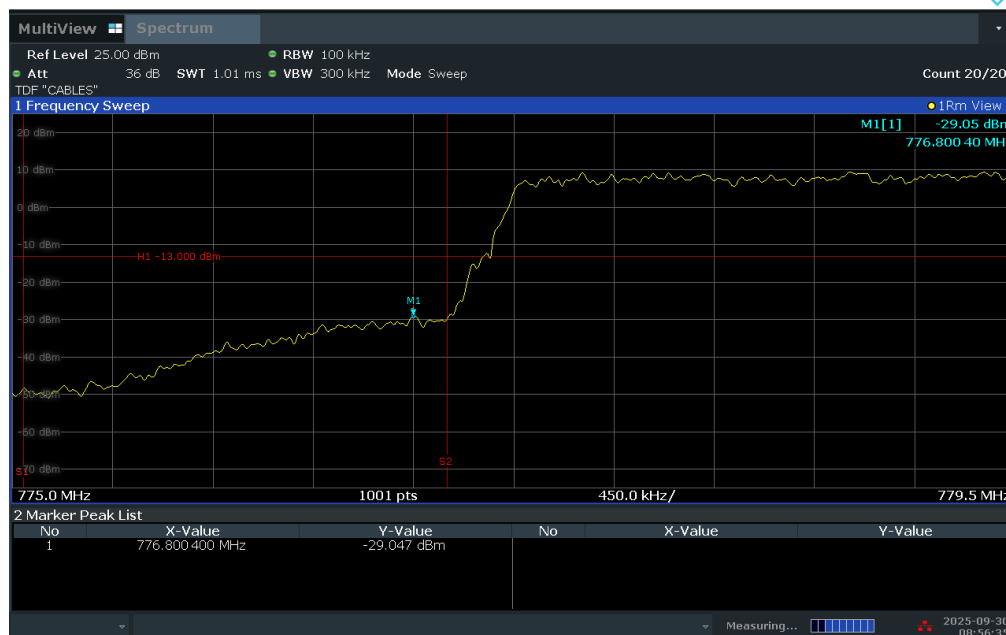
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13

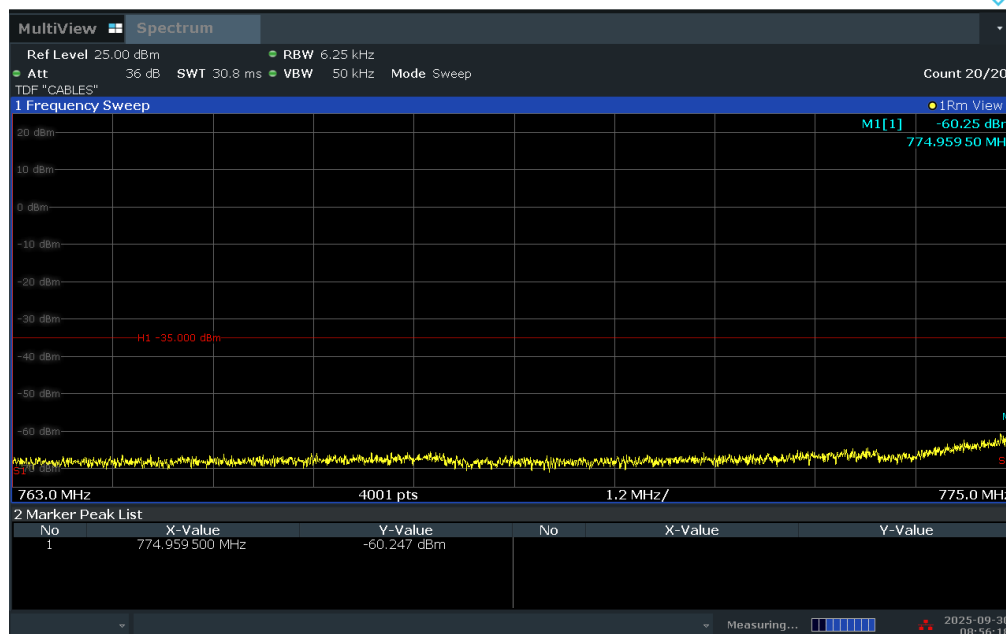
Test Plot



08:56:36 AM 09/30/2025

Plot 7-309. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)

Test Plot



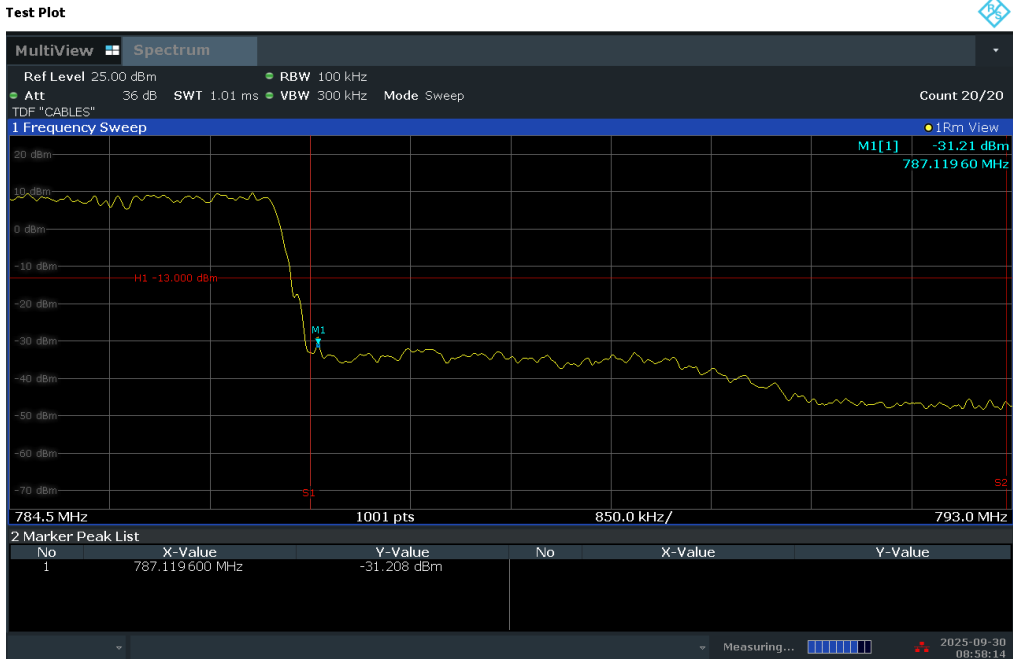
08:56:18 AM 09/30/2025

Plot 7-310. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-09-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 184 of 360

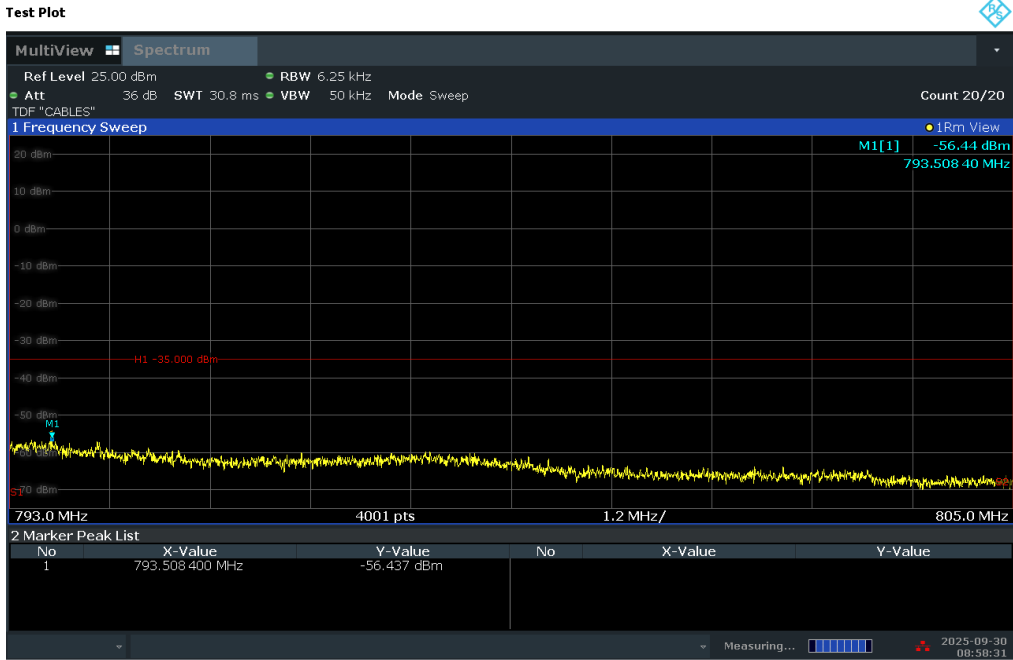
V2.2 09/07/2023

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08:58:14 AM 09/30/2025

Plot 7-311. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)



08:58:32 AM 09/30/2025

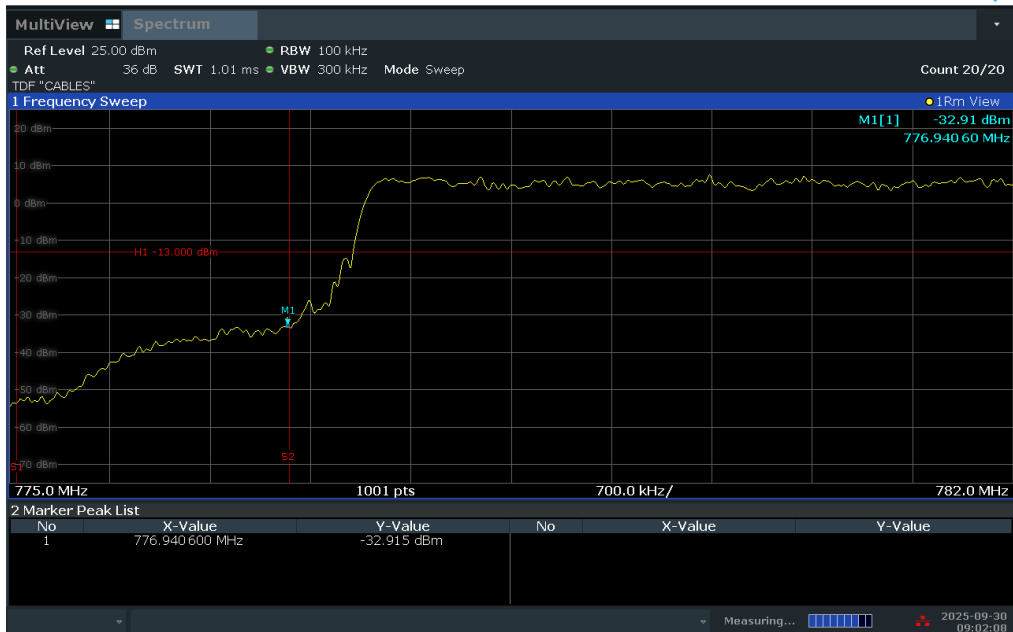
Plot 7-312. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB)

FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-09-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 185 of 360

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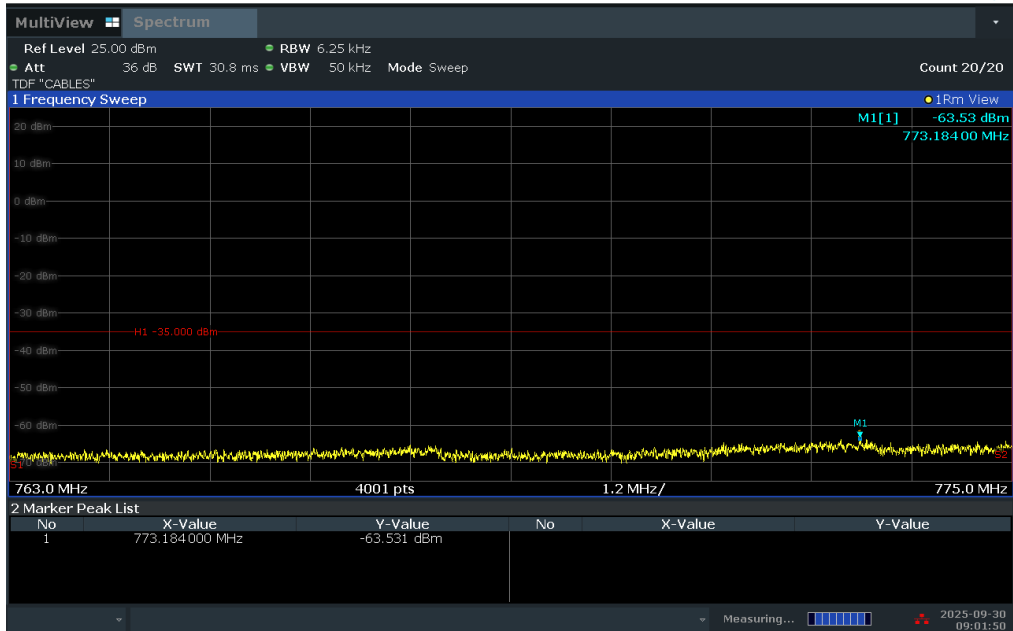
Test Plot



09:02:08 AM 09/30/2025

Plot 7-313. Lower Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)

Test Plot



09:01:50 AM 09/30/2025

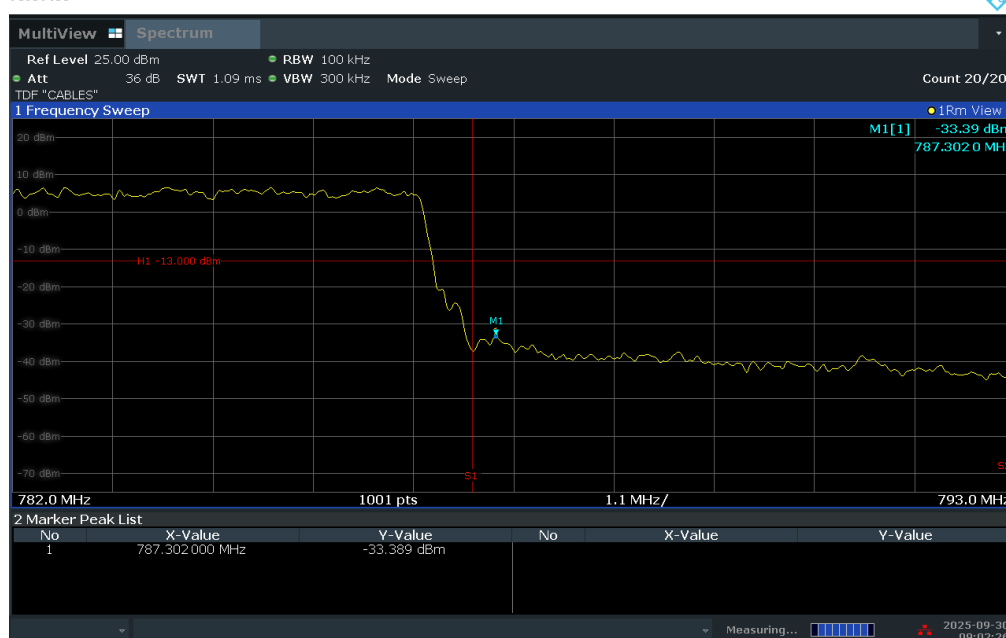
Plot 7-314. Lower Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-09-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 186 of 360

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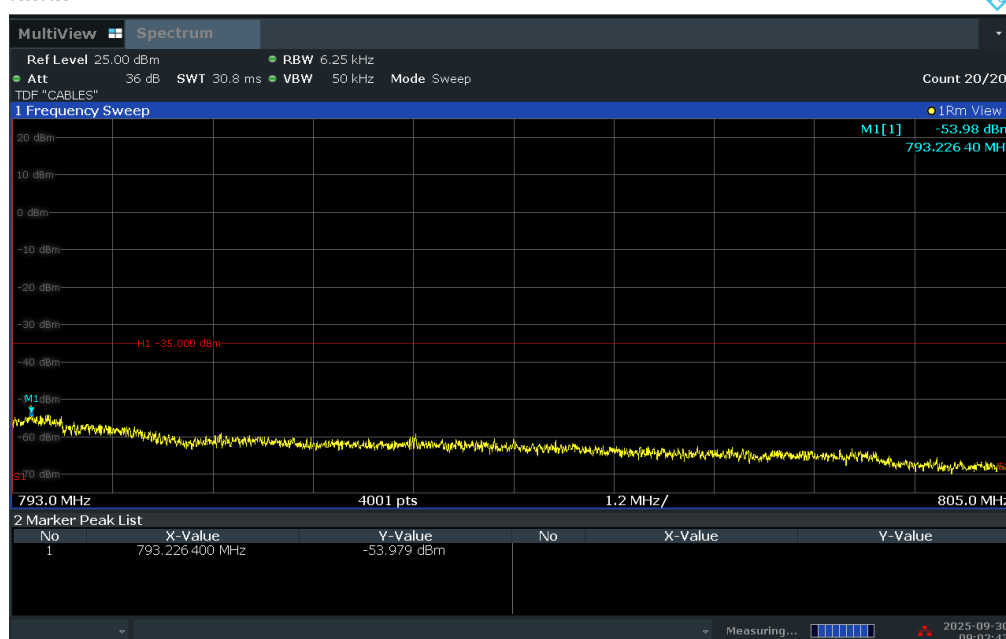
Test Plot



09:02:26 AM 09/30/2025

Plot 7-315. Upper Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)

Test Plot



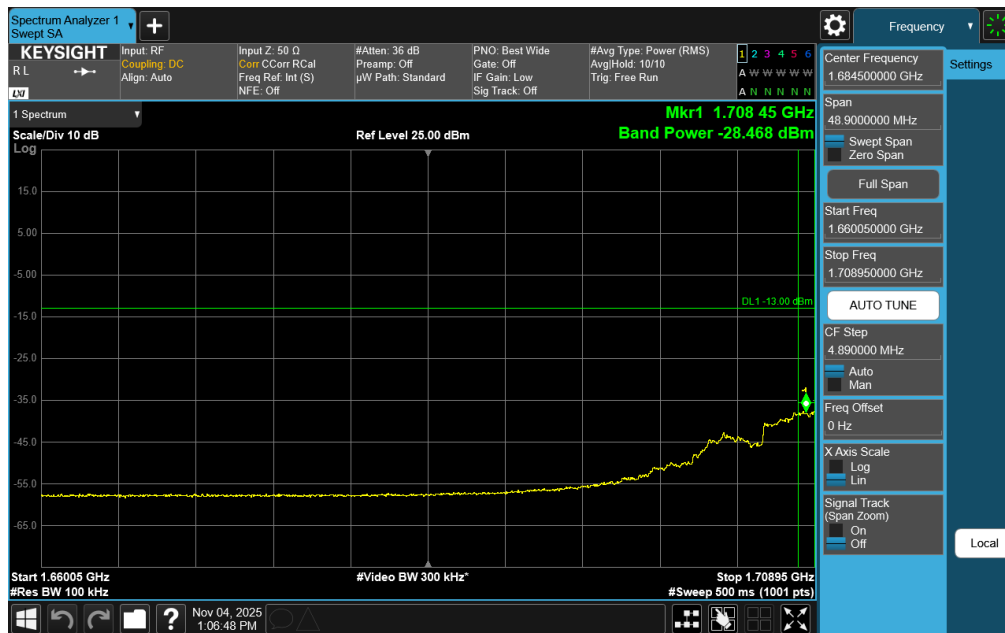
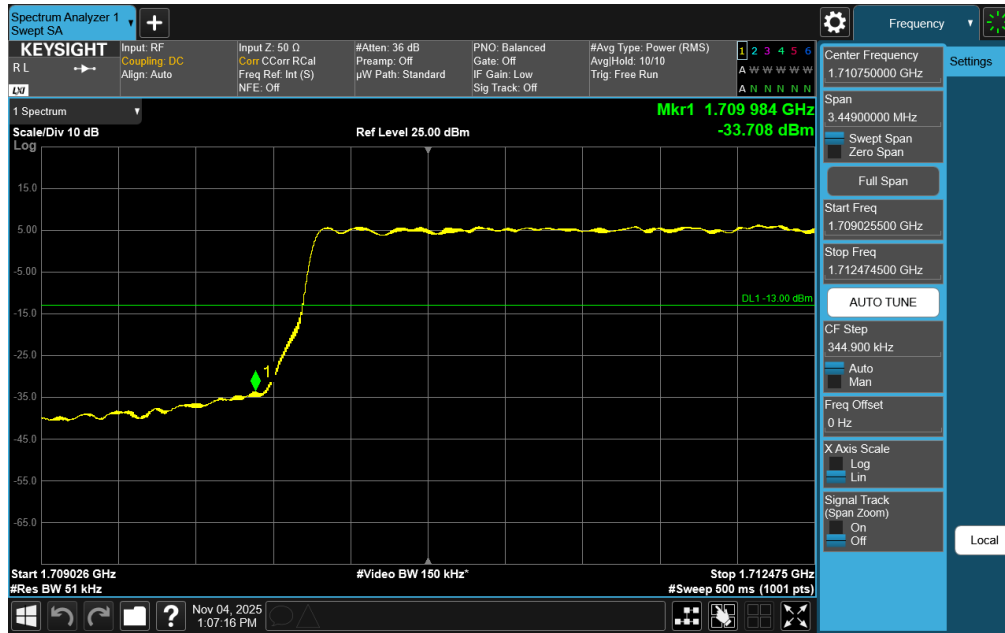
09:02:44 AM 09/30/2025

Plot 7-316. Upper Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

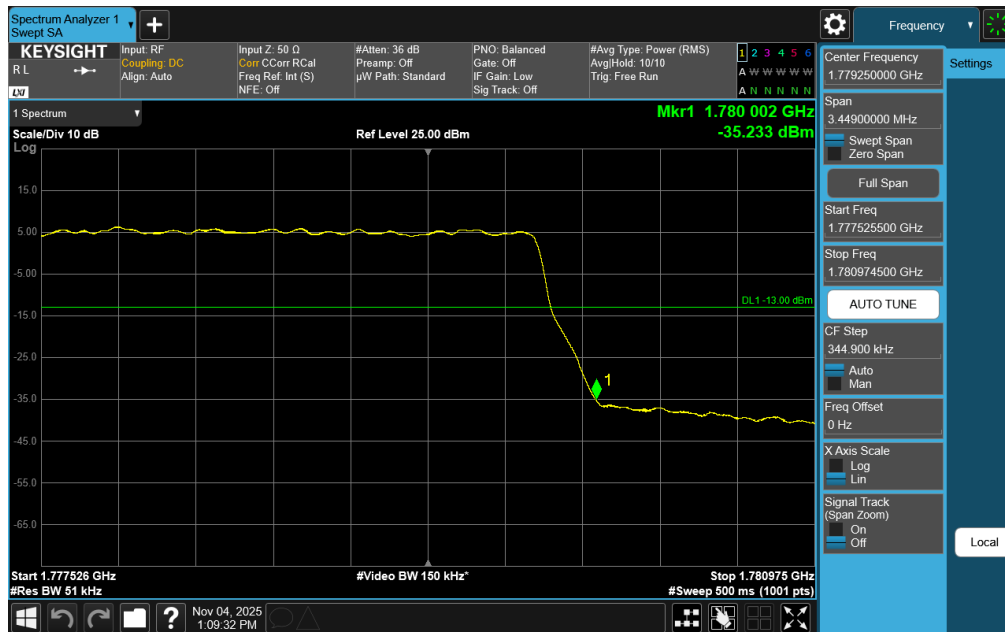
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-319. High Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM QPSK - Full RB)

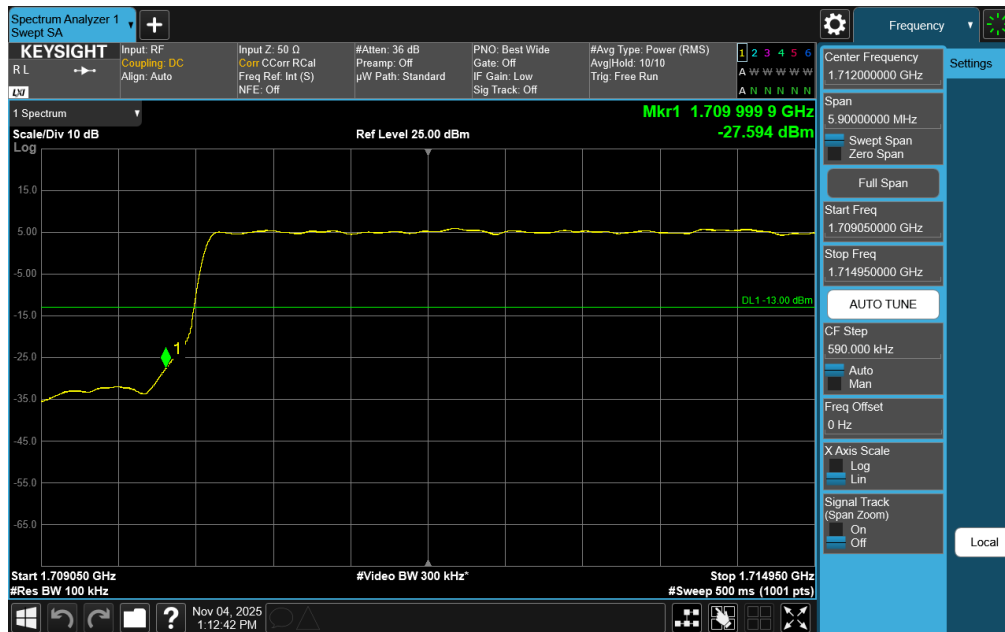


Plot 7-320. Upper Extended Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM QPSK - Full RB)

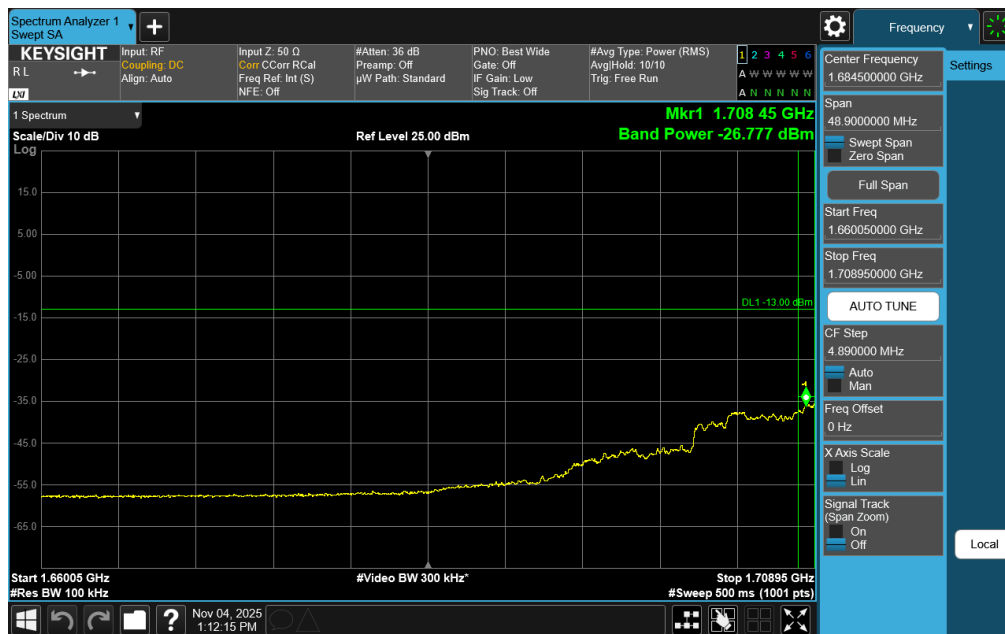
FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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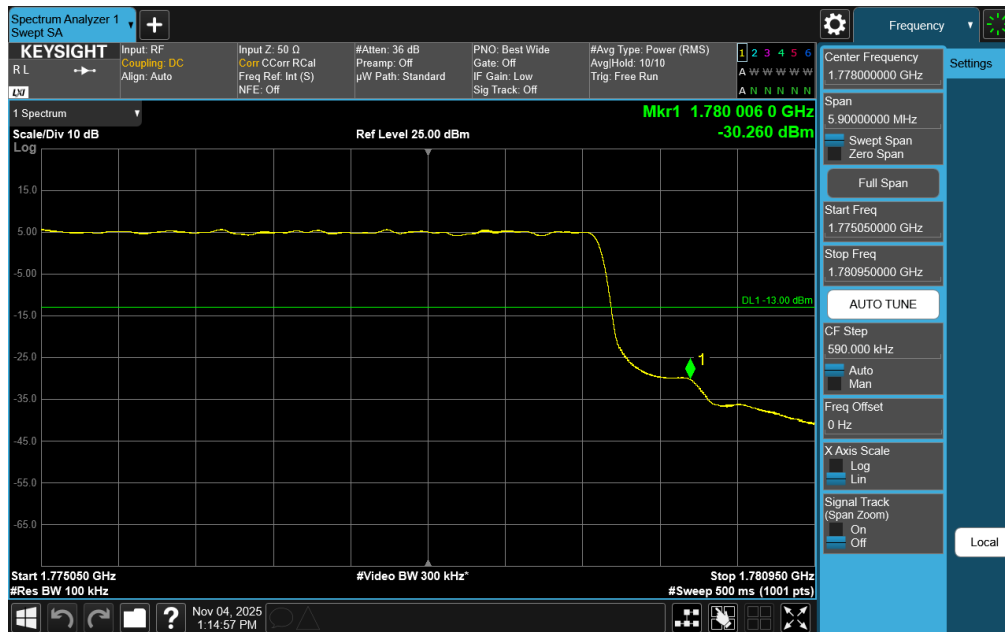
Plot 7-321. Low Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM QPSK - Full RB)



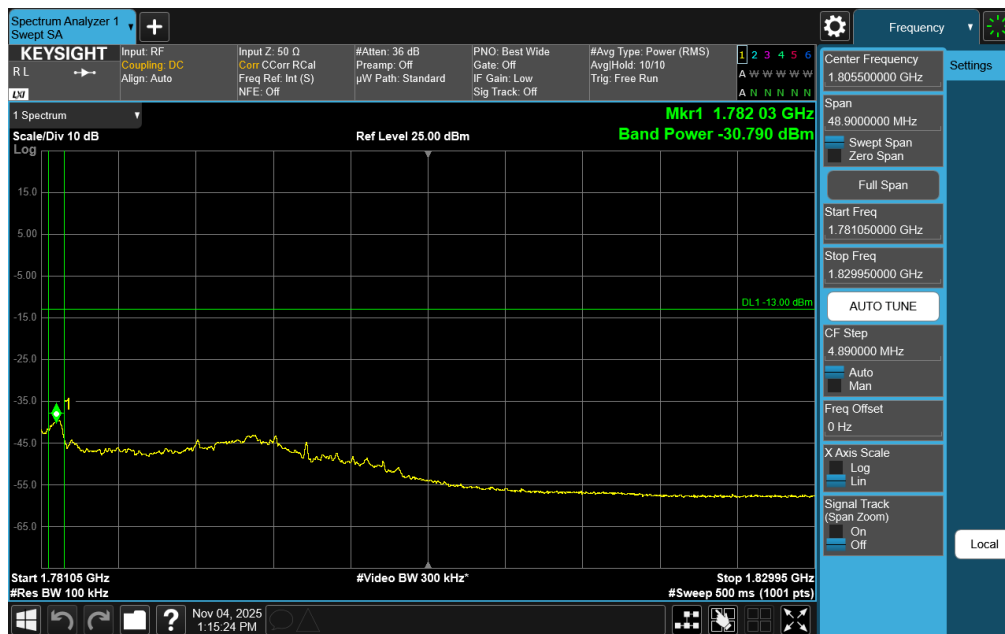
Plot 7-322. Lower Extended Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-323. High Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

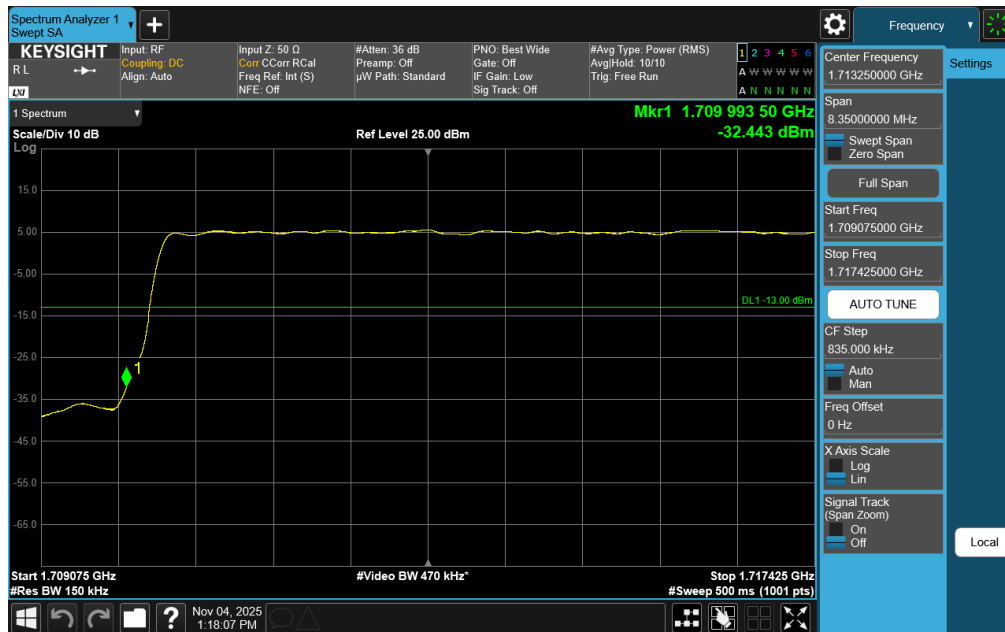


Plot 7-324. Upper Extended Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

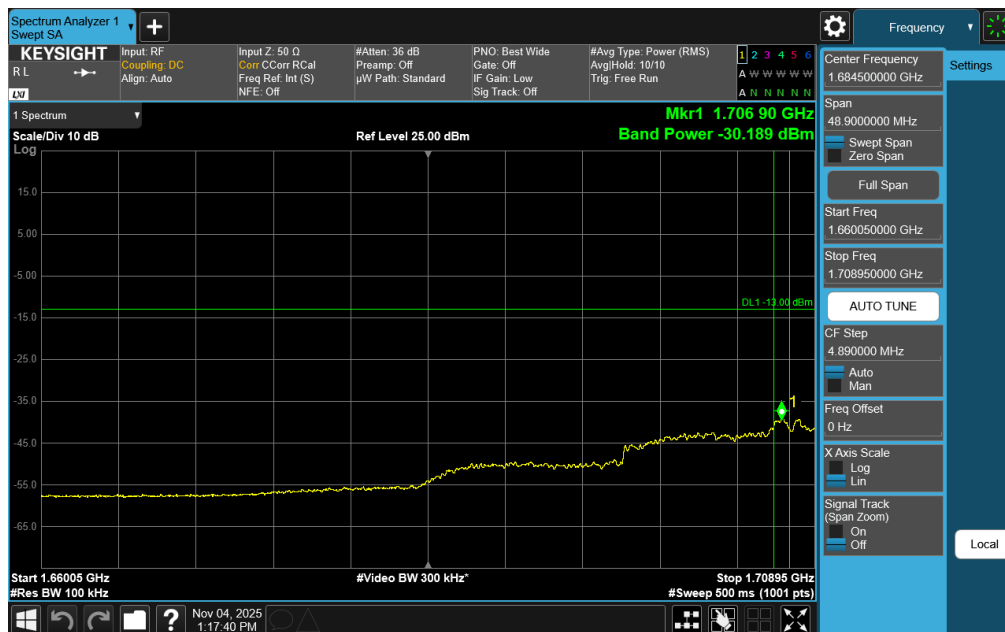
FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-325. Low Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

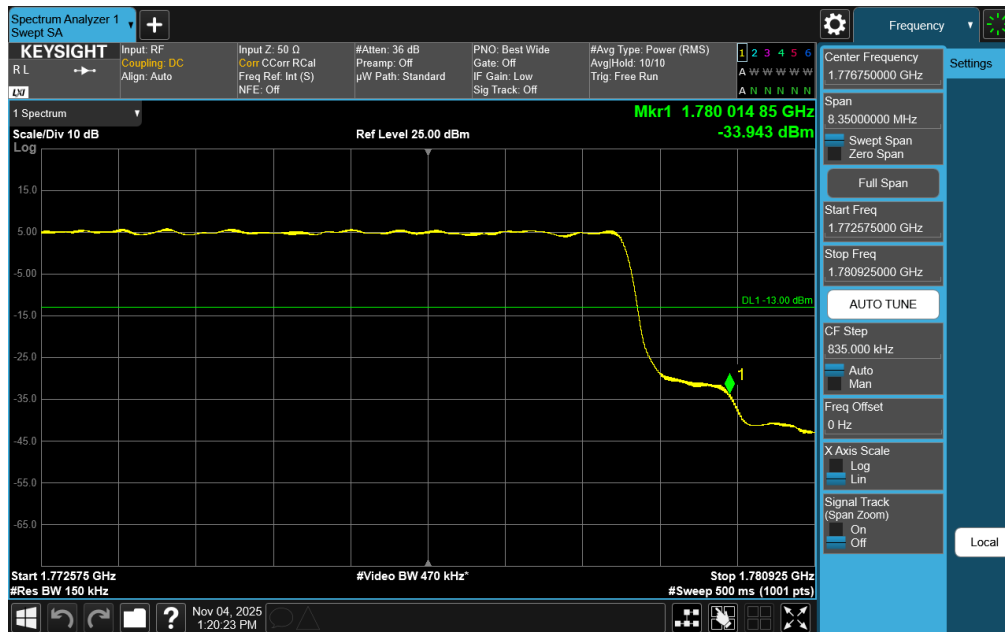


Plot 7-326. Lower Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

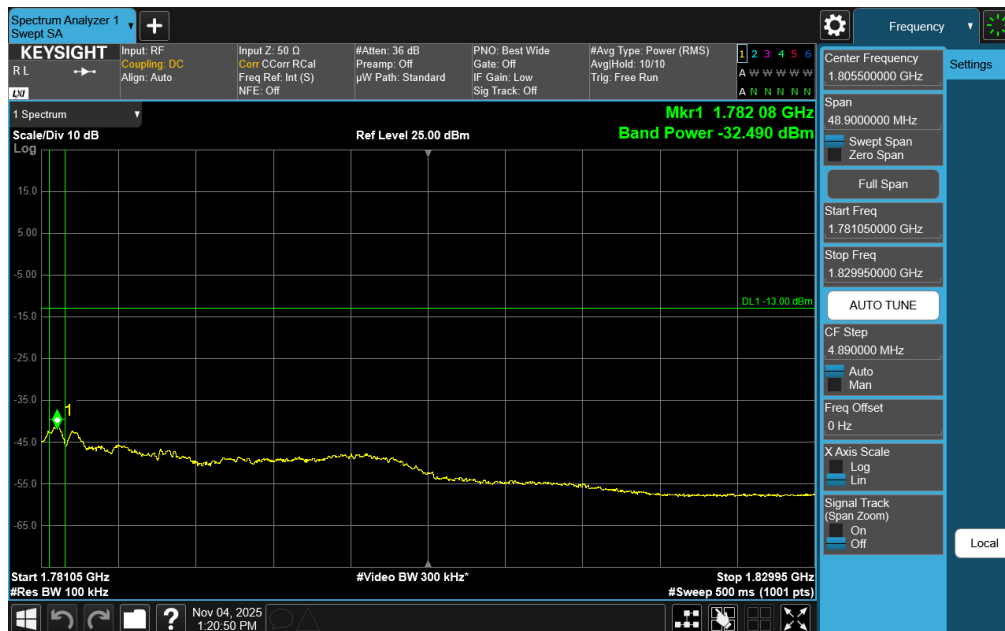
FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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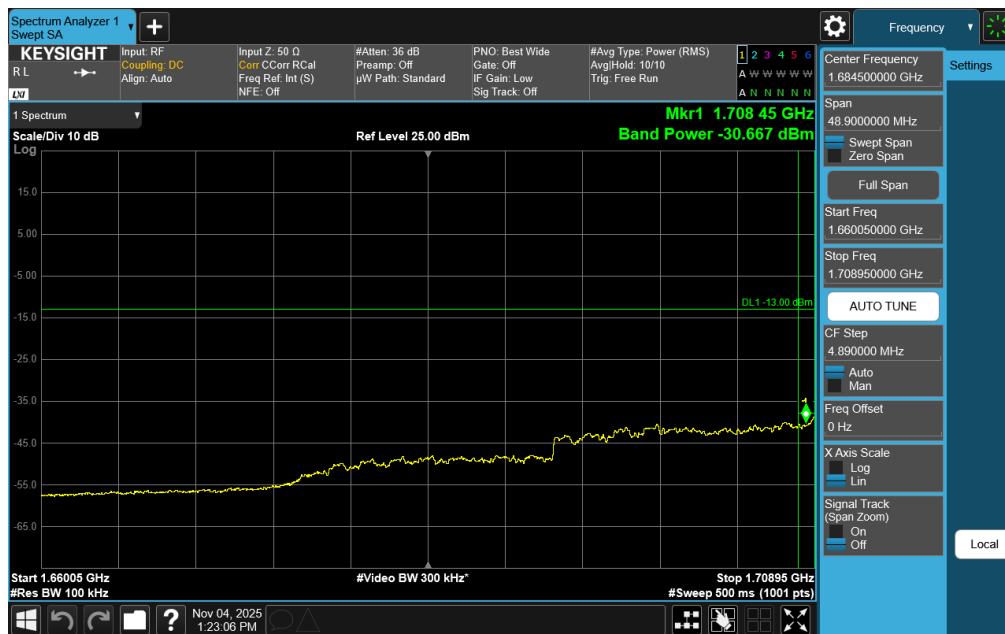
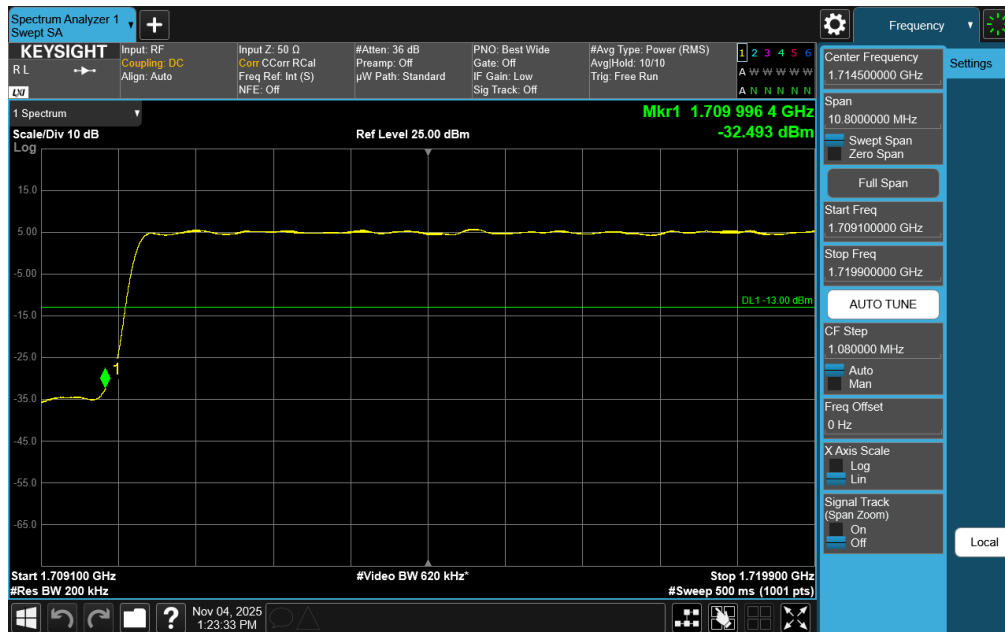
Plot 7-327. High Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-328. Upper Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

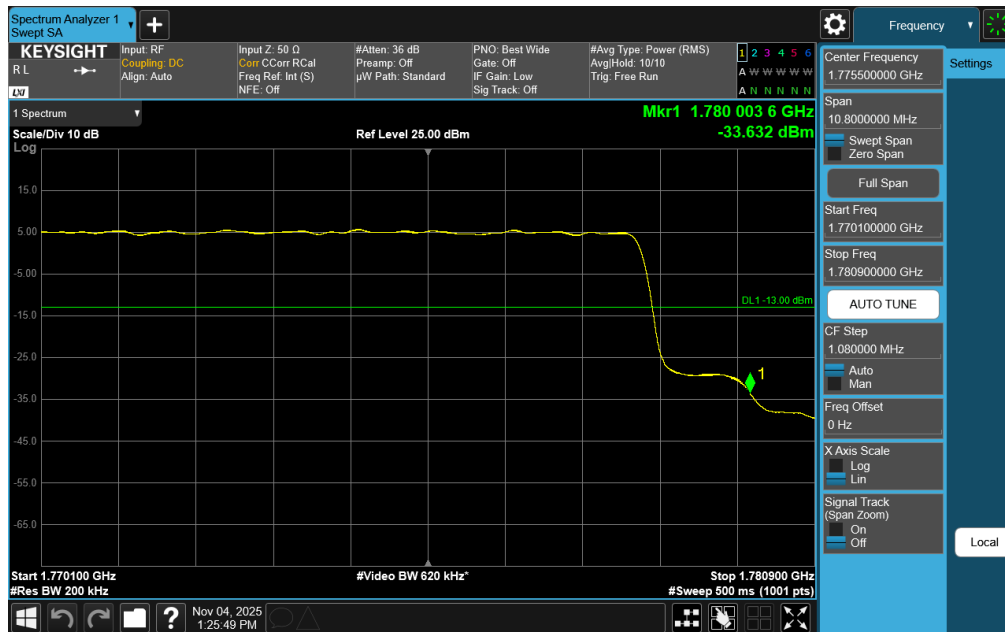
FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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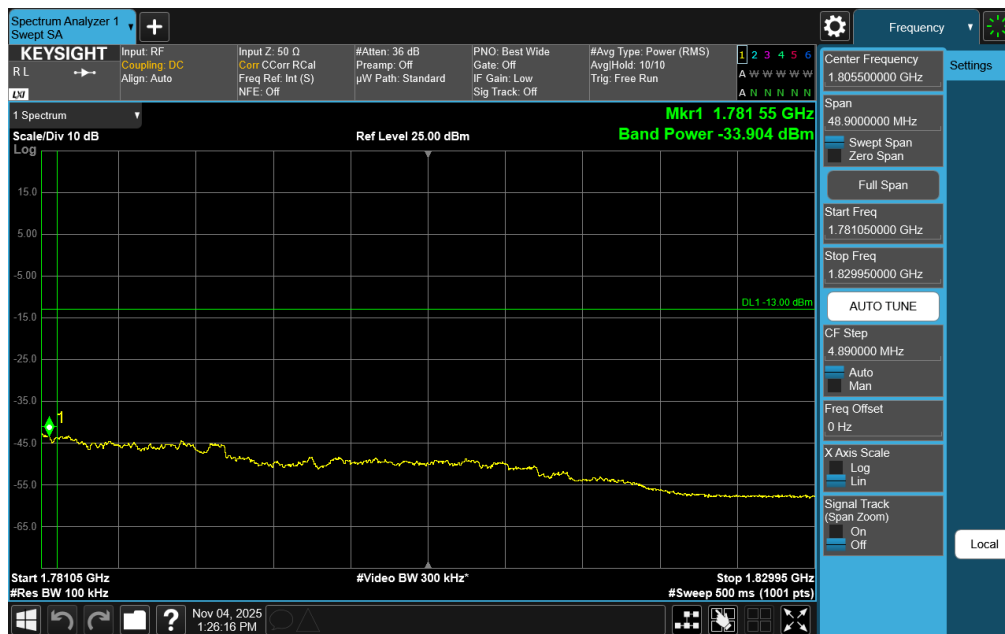


FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-331. High Band Edge Plot (NR Band n66 – 20.0MHz DFT-s-OFDM QPSK - Full RB)

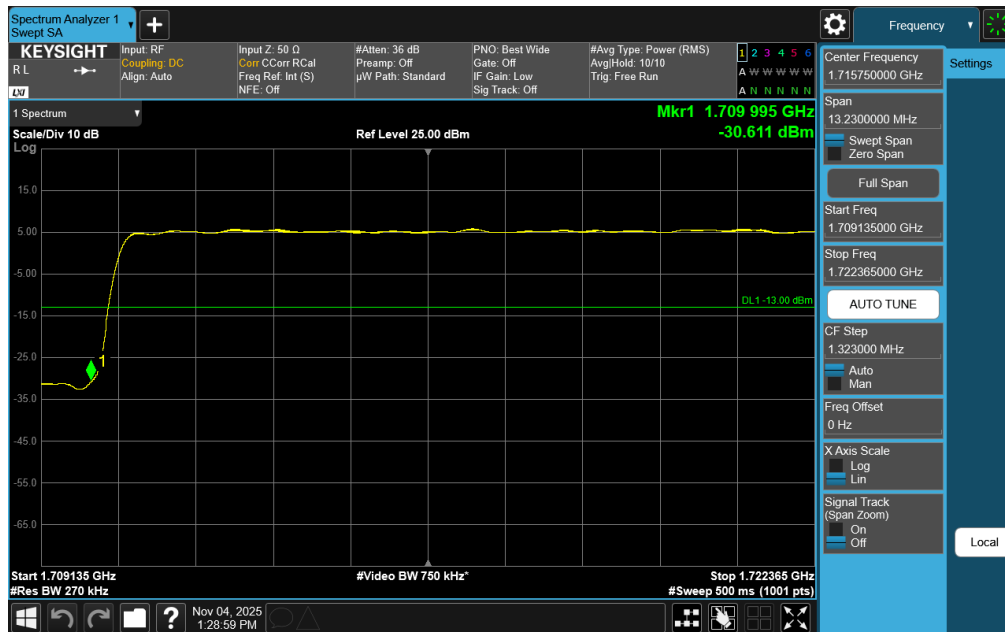


Plot 7-332. Upper Extended Band Edge Plot (NR Band n66 – 20.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-333. Low Band Edge Plot (NR Band n66 – 25.0MHz DFT-s-OFDM QPSK - Full RB)

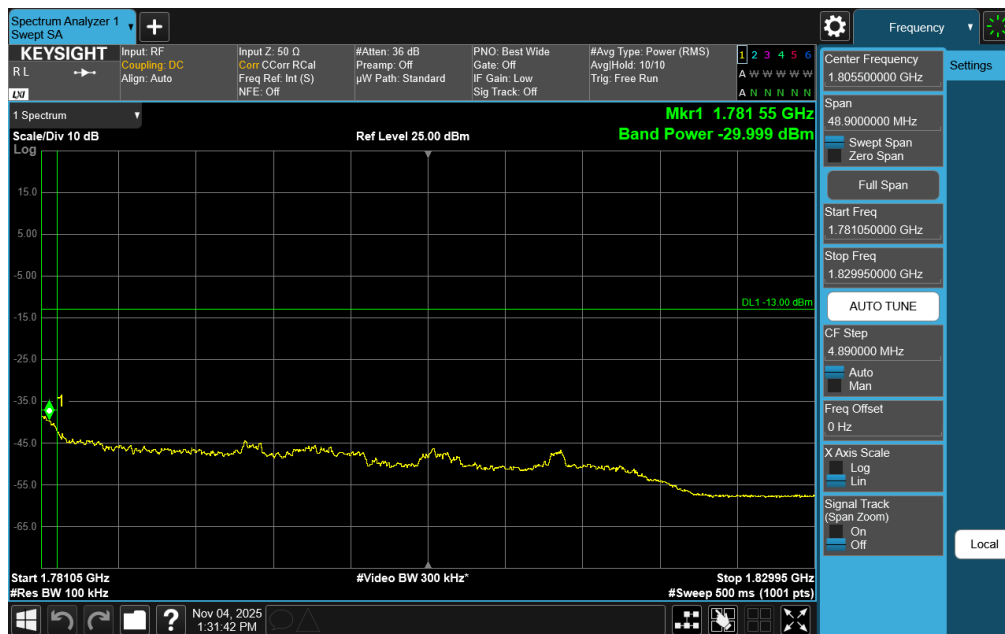
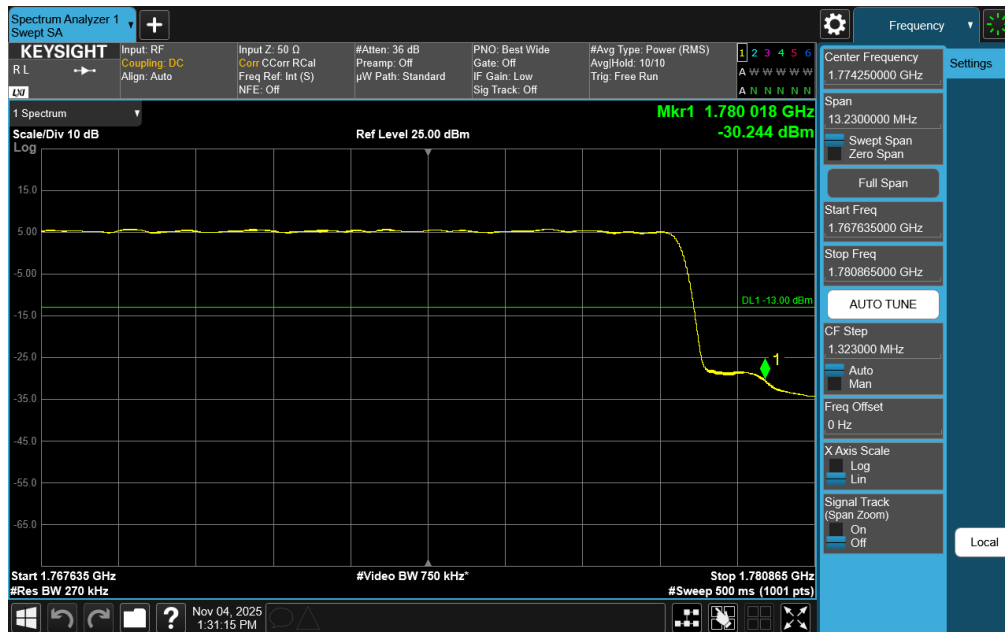


Plot 7-334. Lower Extended Band Edge Plot (NR Band n66 – 25.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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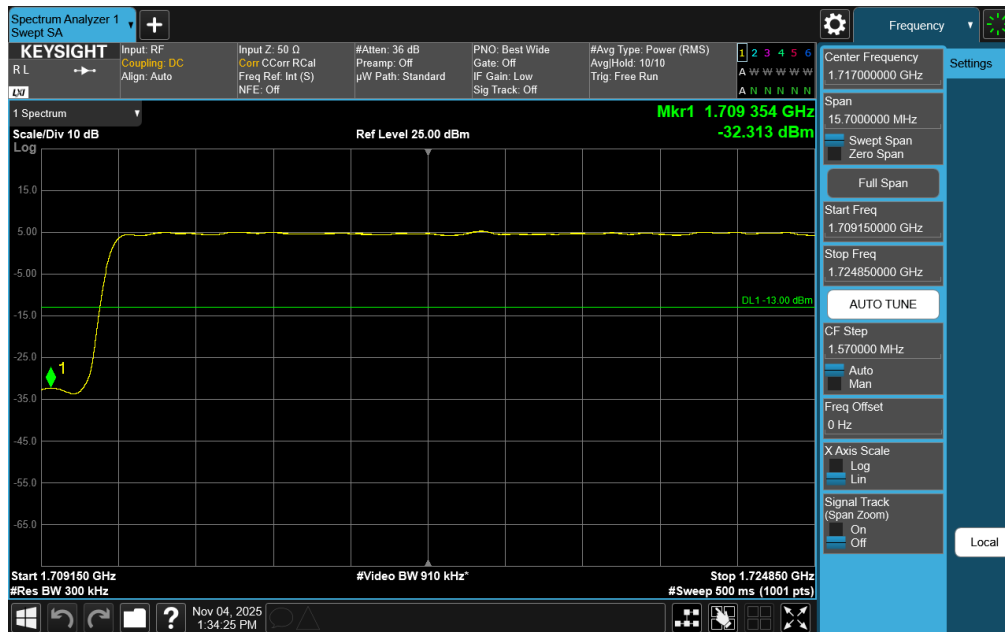
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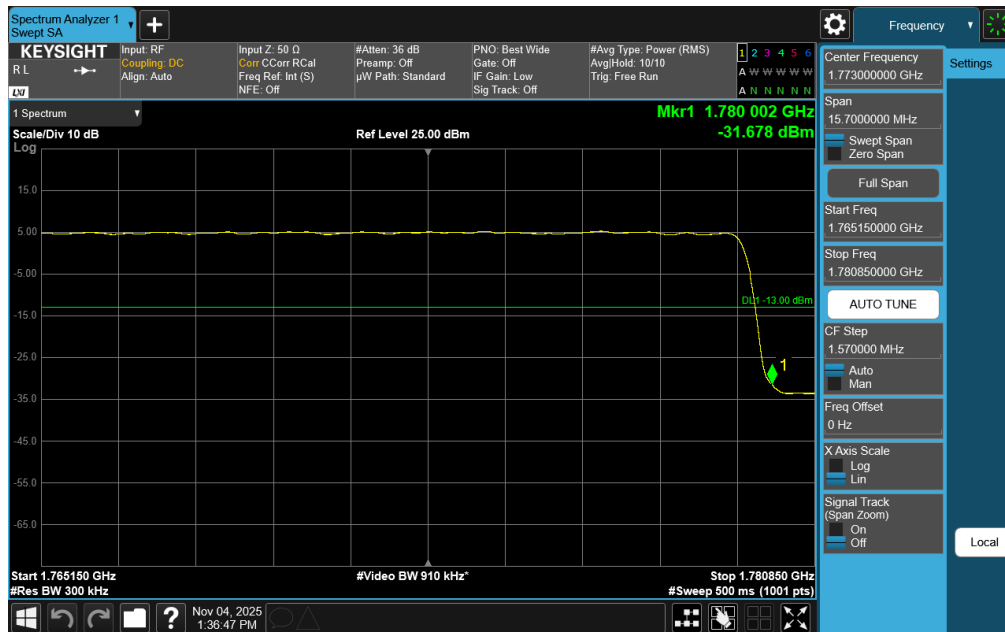
Plot 7-337. Low Band Edge Plot (NR Band n66 – 30.0MHz DFT-s-OFDM QPSK - Full RB)



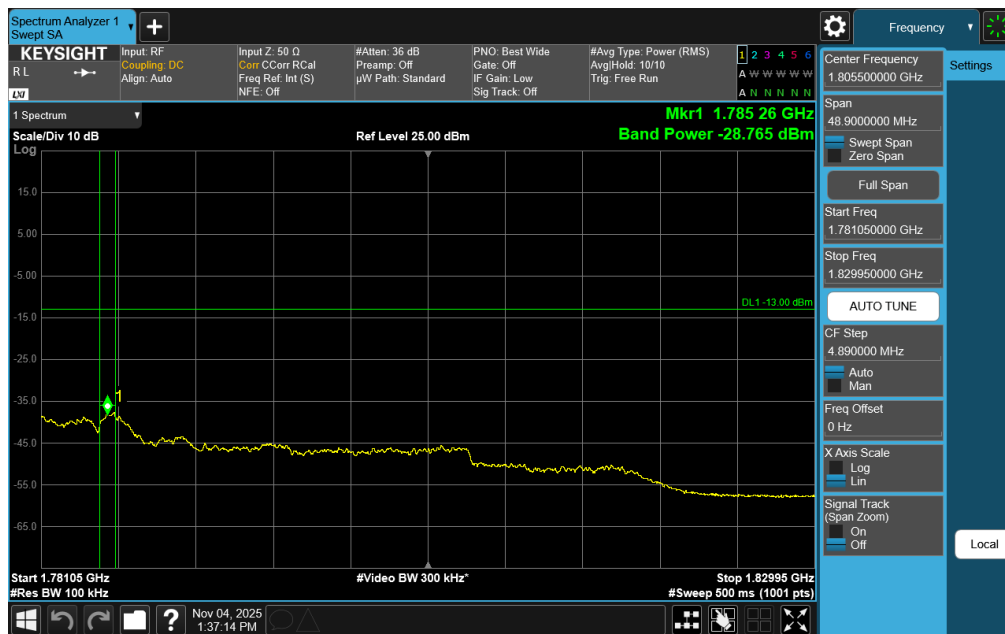
Plot 7-338. Lower Extended Band Edge Plot (NR Band n66 – 30.0MHz DFT-s-OFDM QPSK - Full RB)

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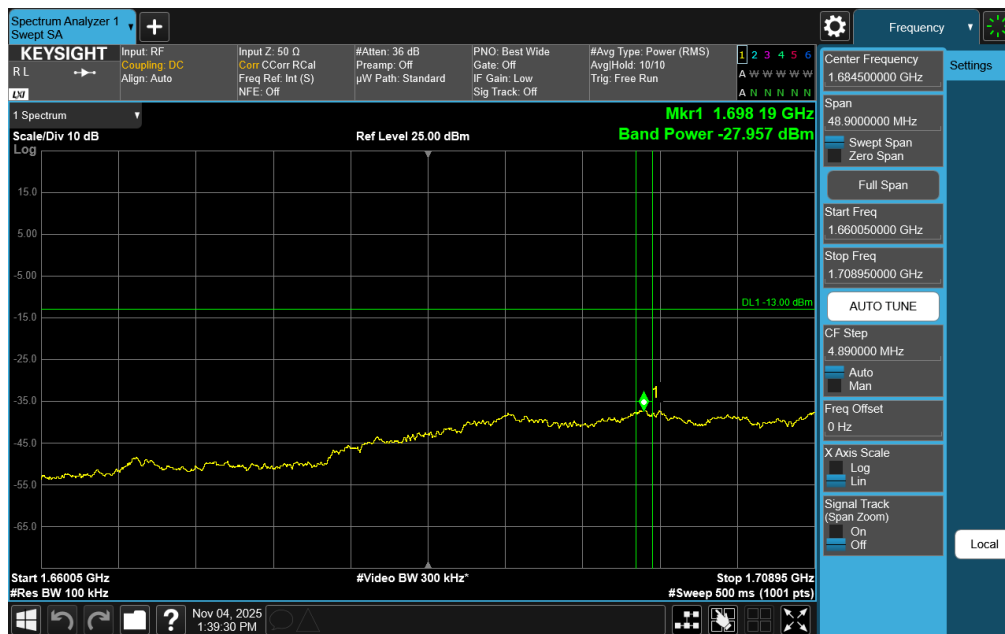
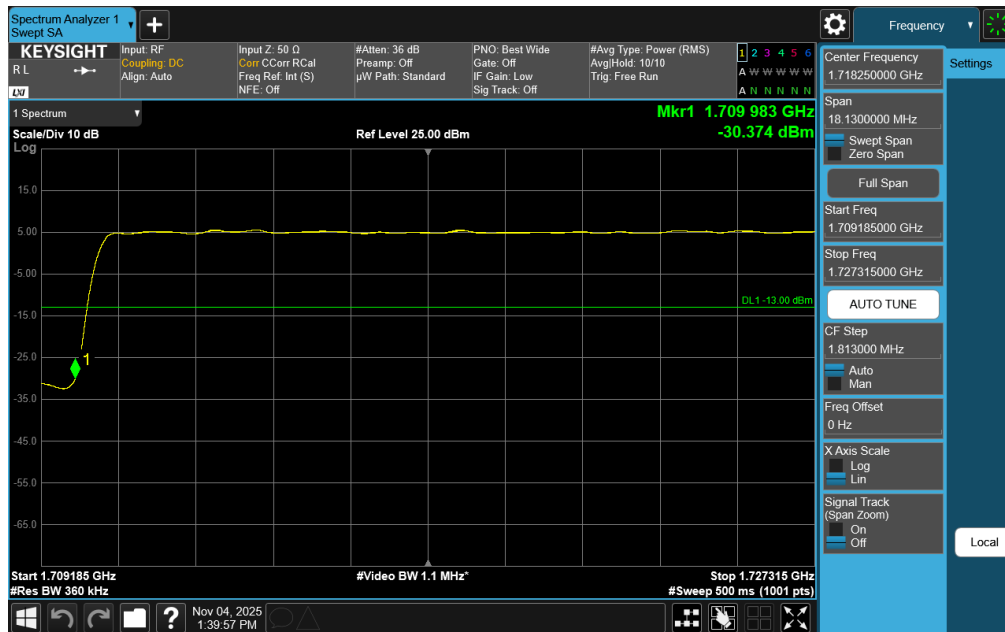
Plot 7-339. High Band Edge Plot (NR Band n66 – 30.0MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-340. Upper Extended Band Edge Plot (NR Band n66 – 30.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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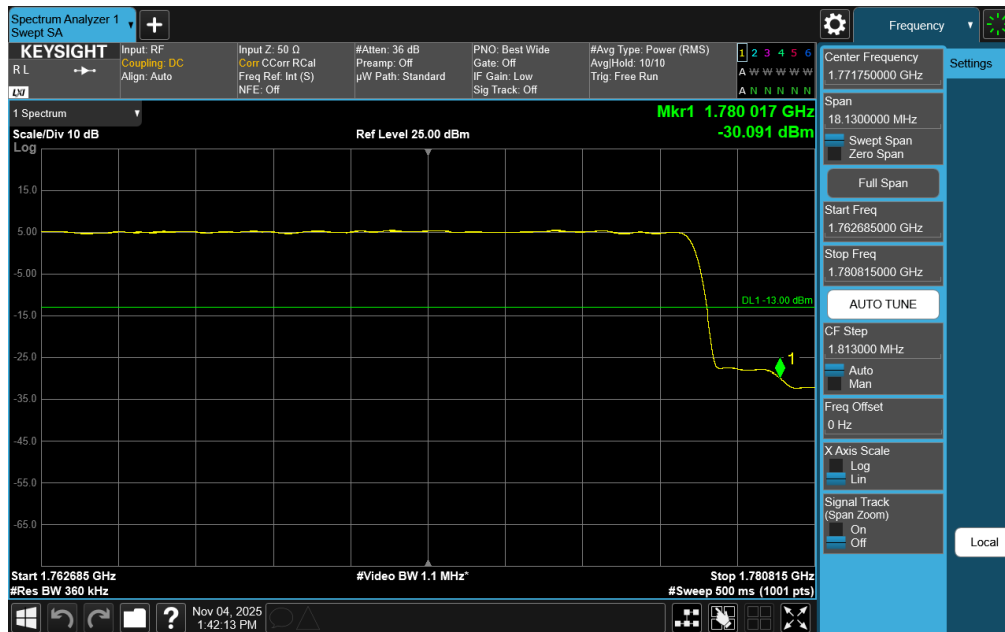
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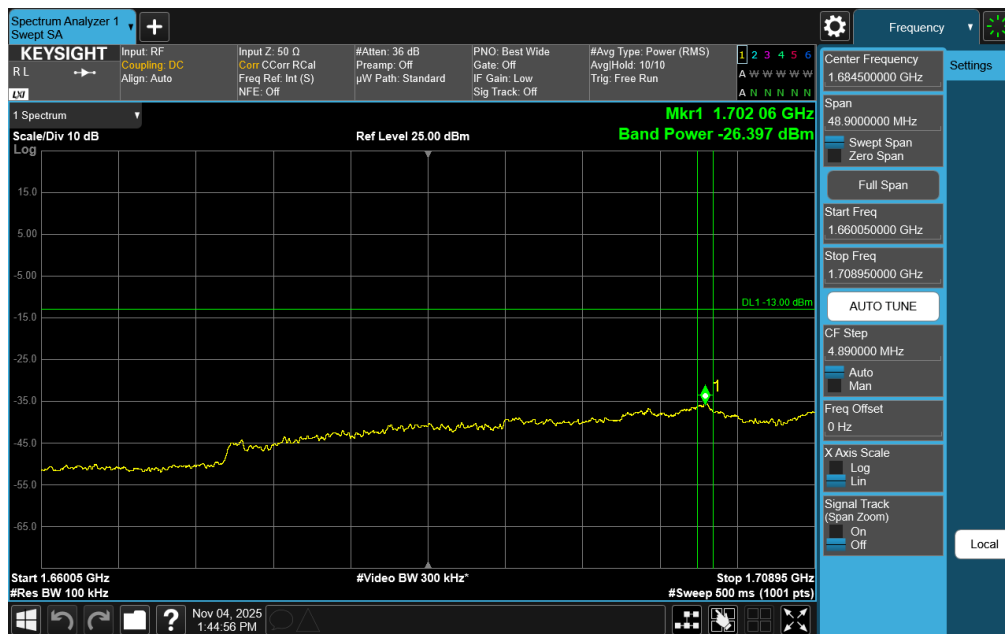
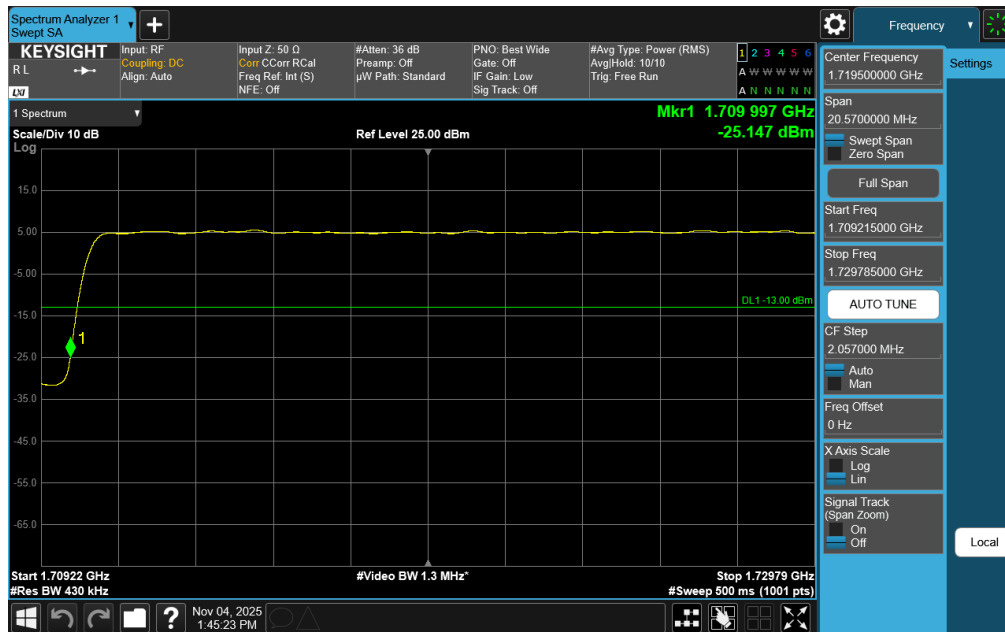
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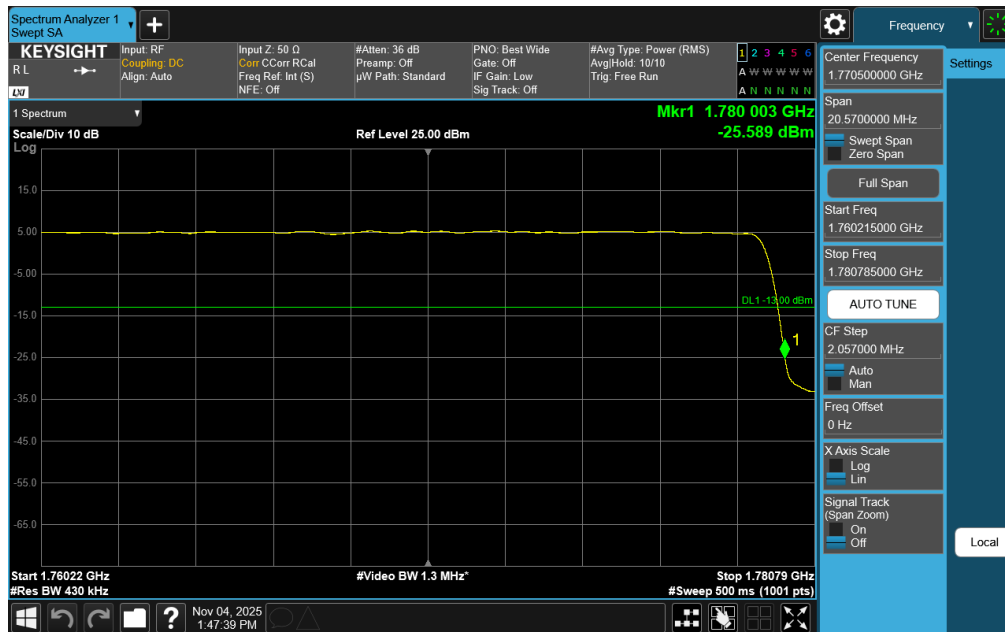
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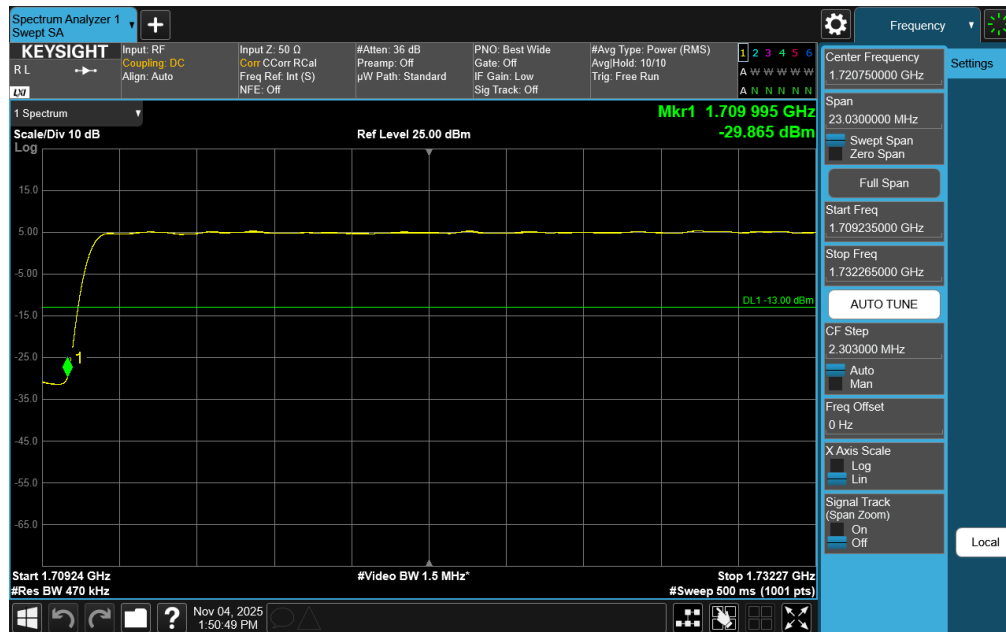
Plot 7-347. High Band Edge Plot (NR Band n66 – 40.0MHz DFT-s-OFDM QPSK - Full RB)



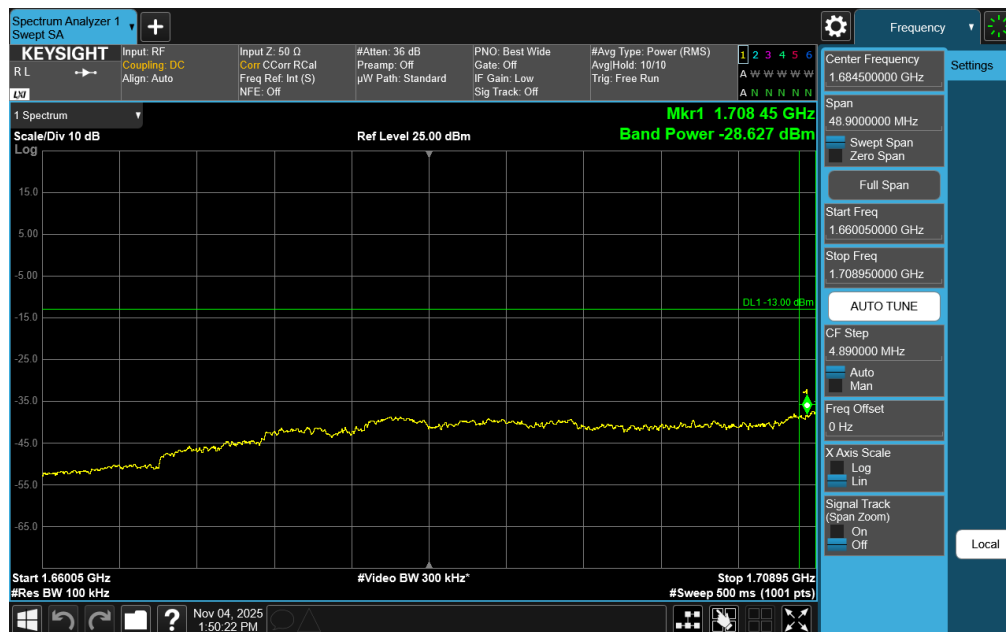
Plot 7-348. Upper Extended Band Edge Plot (NR Band n66 – 40.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-09-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 203 of 360

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Plot 7-349. Low Band Edge Plot (NR Band n66 – 45.0MHz DFT-s-OFDM QPSK - Full RB)

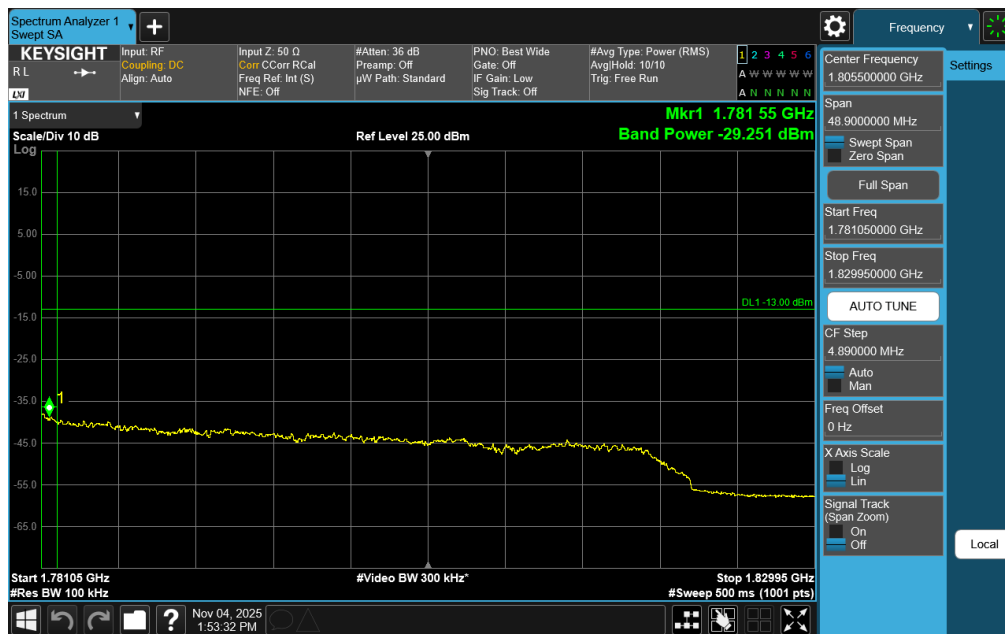
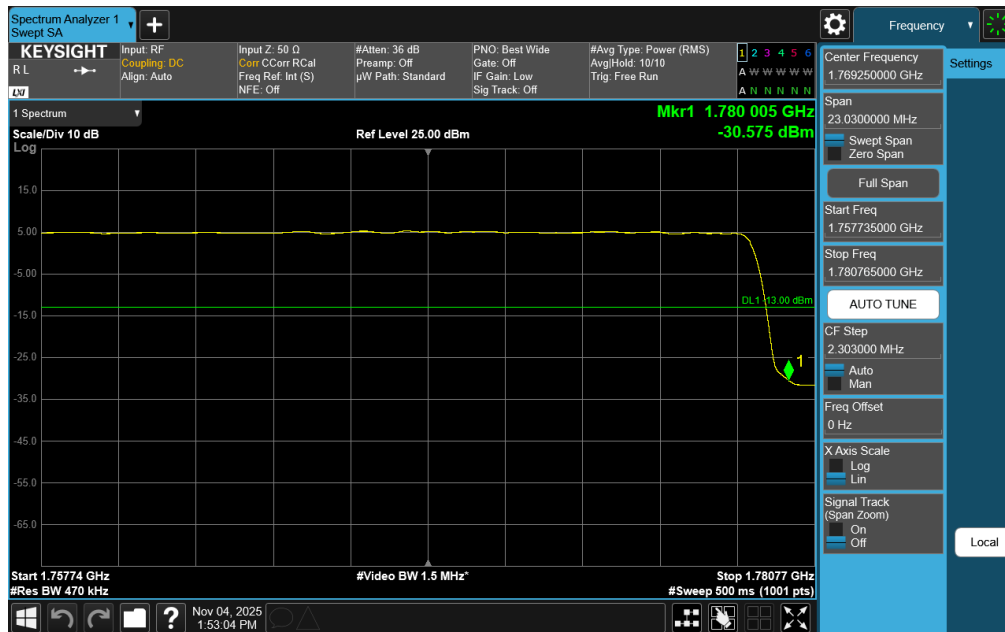


Plot 7-350. Lower Extended Band Edge Plot (NR Band n66 – 45.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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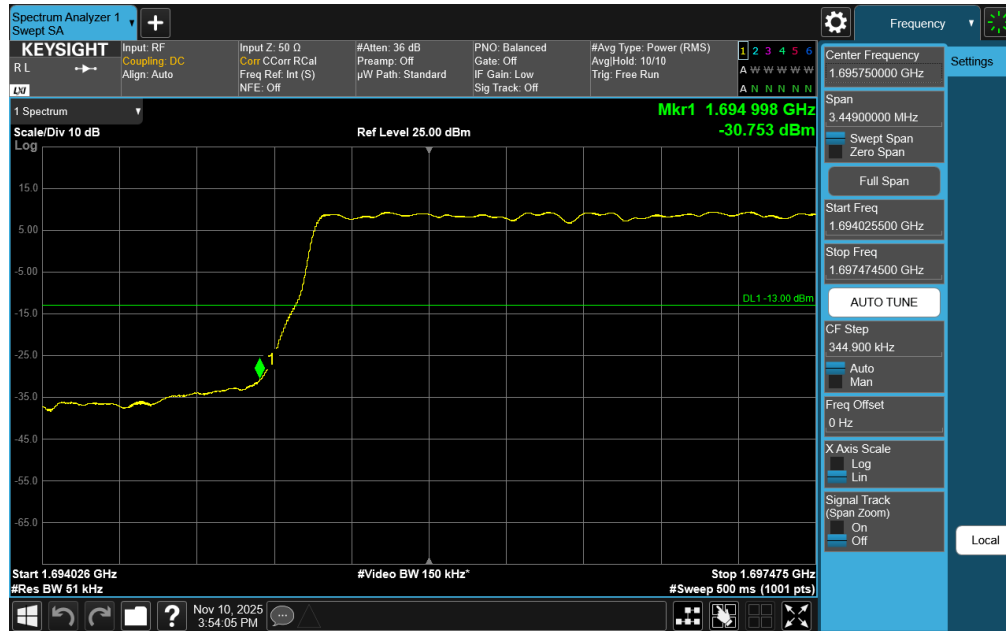
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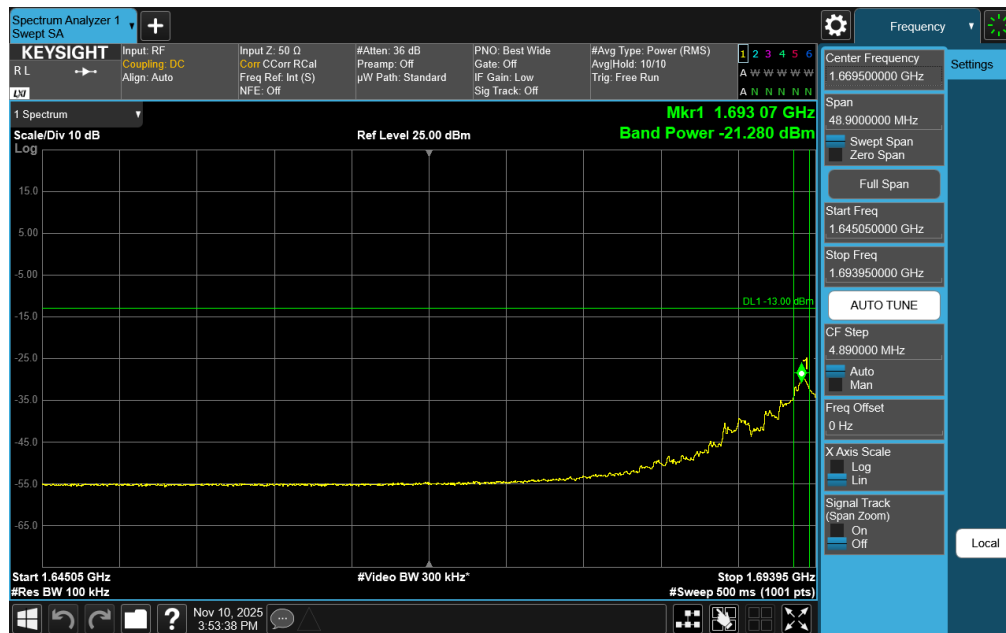


FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n70



Plot 7-353. Low Band Edge Plot (NR Band n70 – 5.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

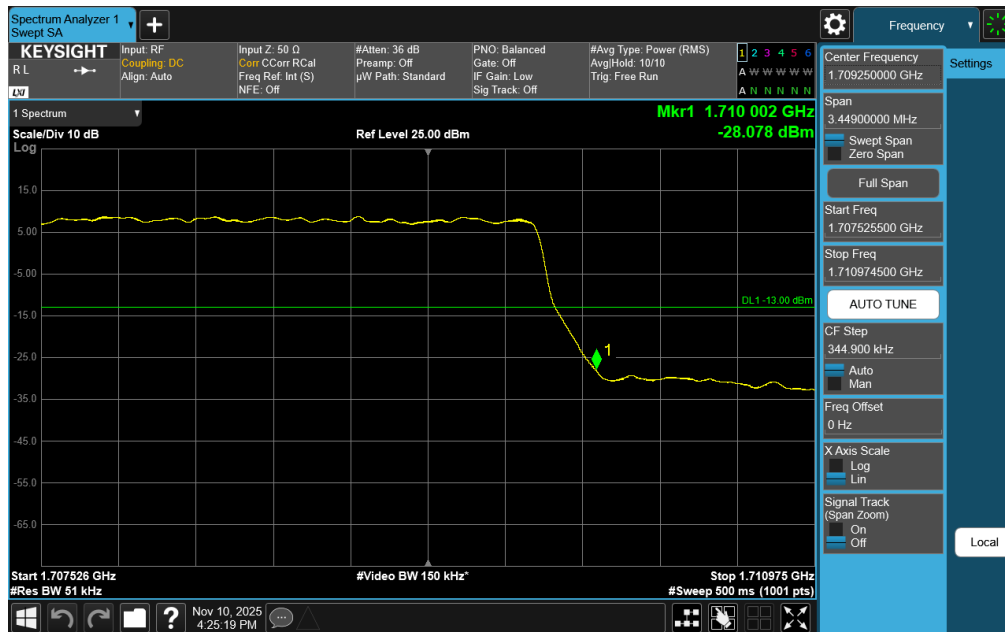


Plot 7-354. Lower Extended Band Edge Plot (NR Band n70 – 5.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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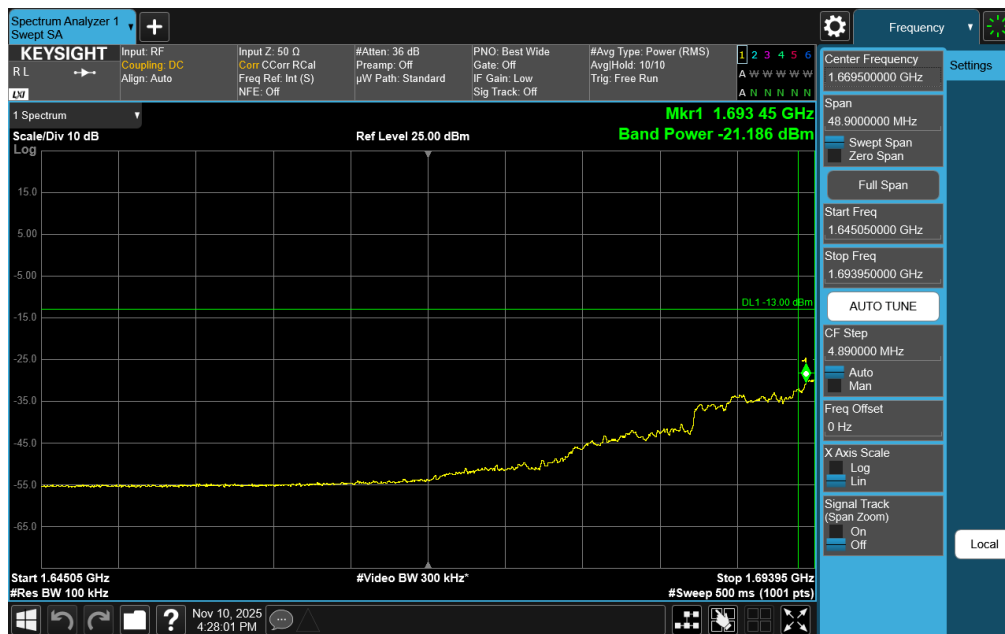
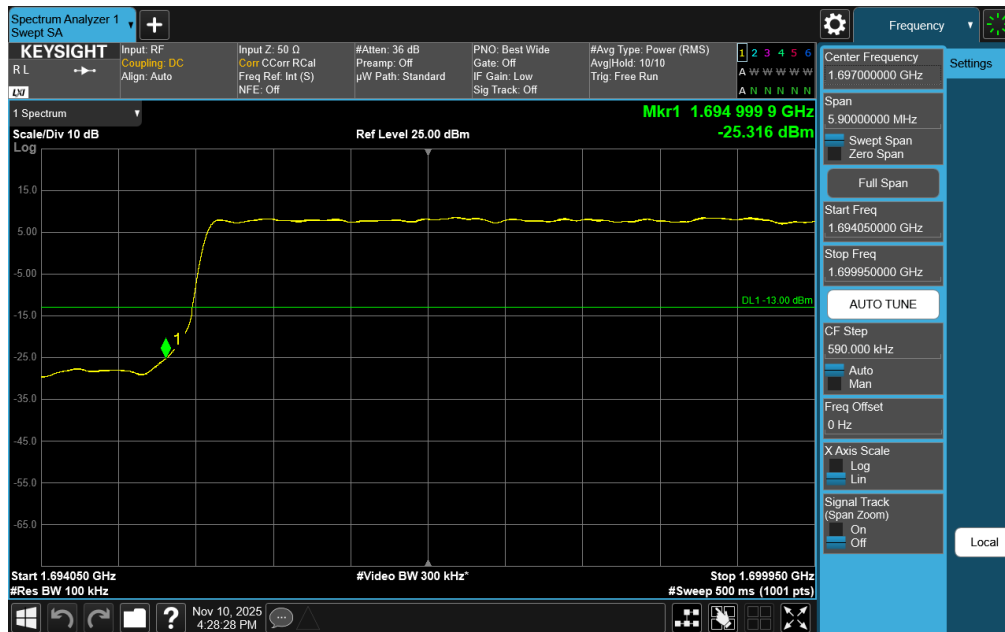


Plot 7-355. High Band Edge Plot (NR Band n70 – 5.0MHz DFT-s-OFDM QPSK - Full RB)



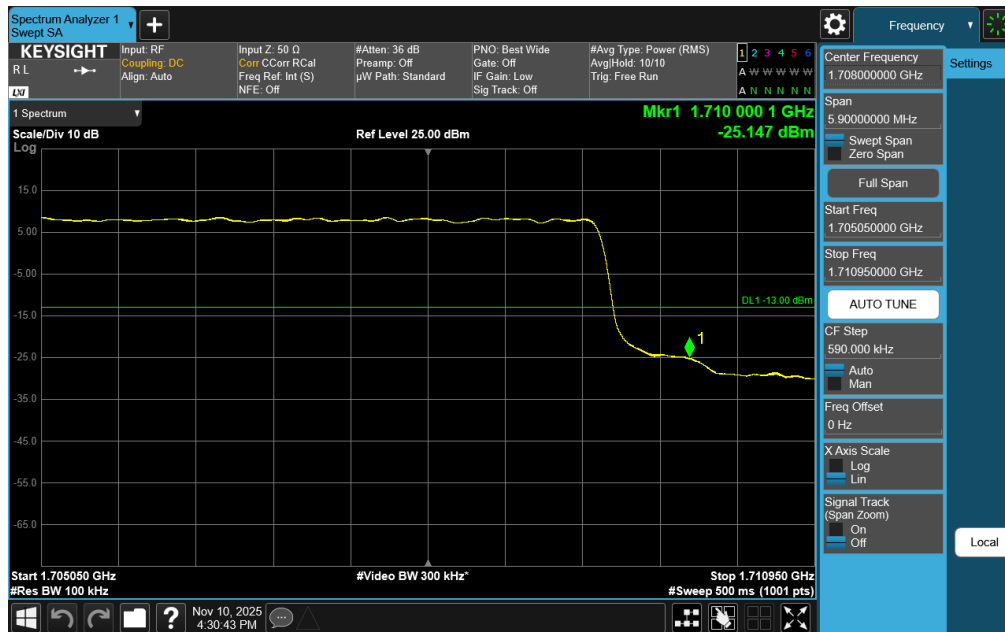
Plot 7-356. Upper Extended Band Edge Plot (NR Band n70 – 5.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-359. High Band Edge Plot (NR Band n70 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

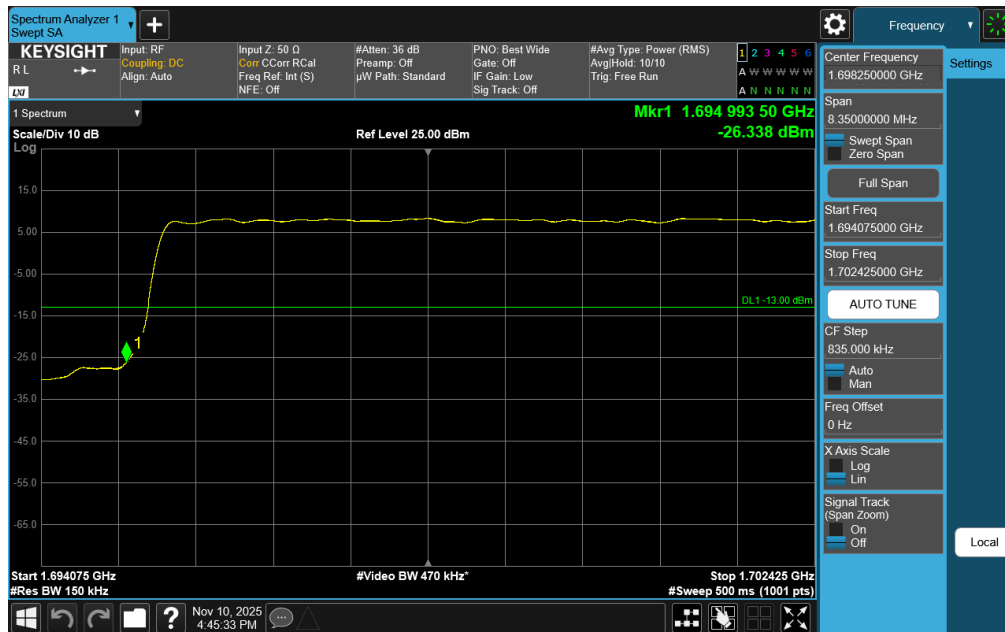


Plot 7-360. Upper Extended Band Edge Plot (NR Band n70 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

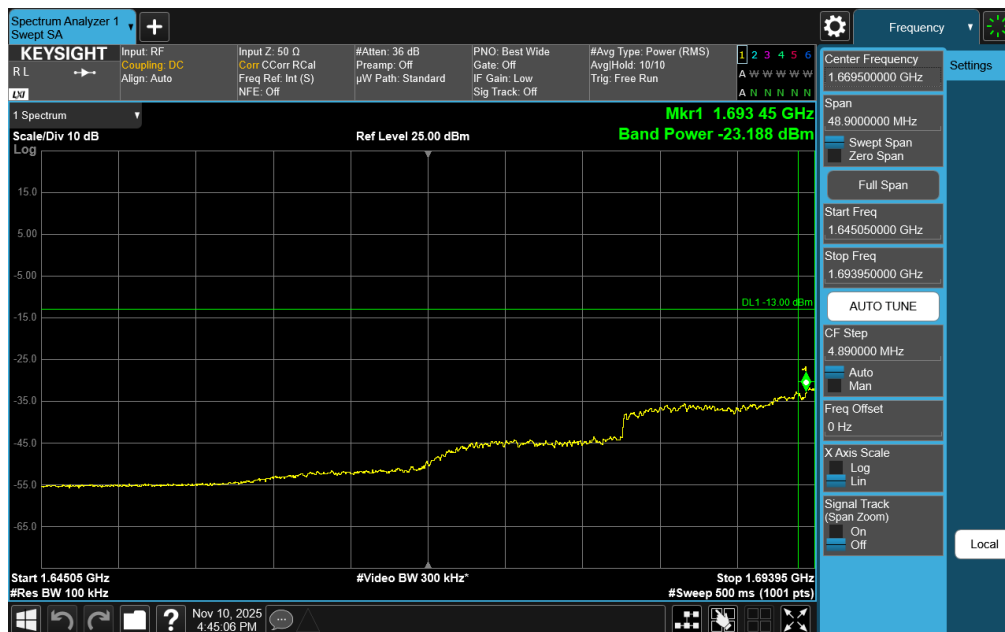
FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-09-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 209 of 360

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Plot 7-361. Low Band Edge Plot (NR Band n70 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

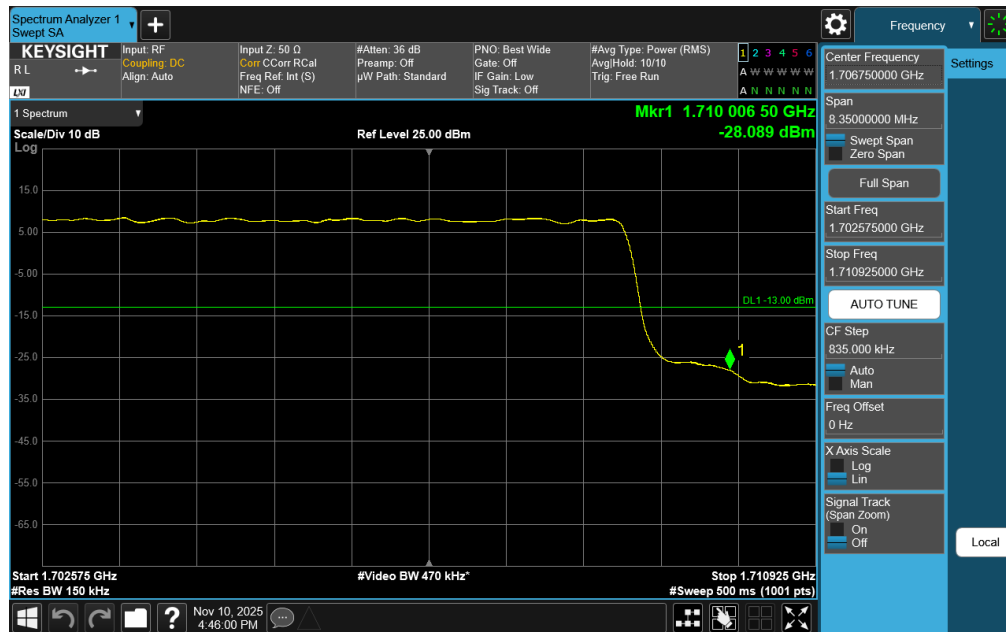


Plot 7-362. Lower Extended Band Edge Plot (NR Band n70 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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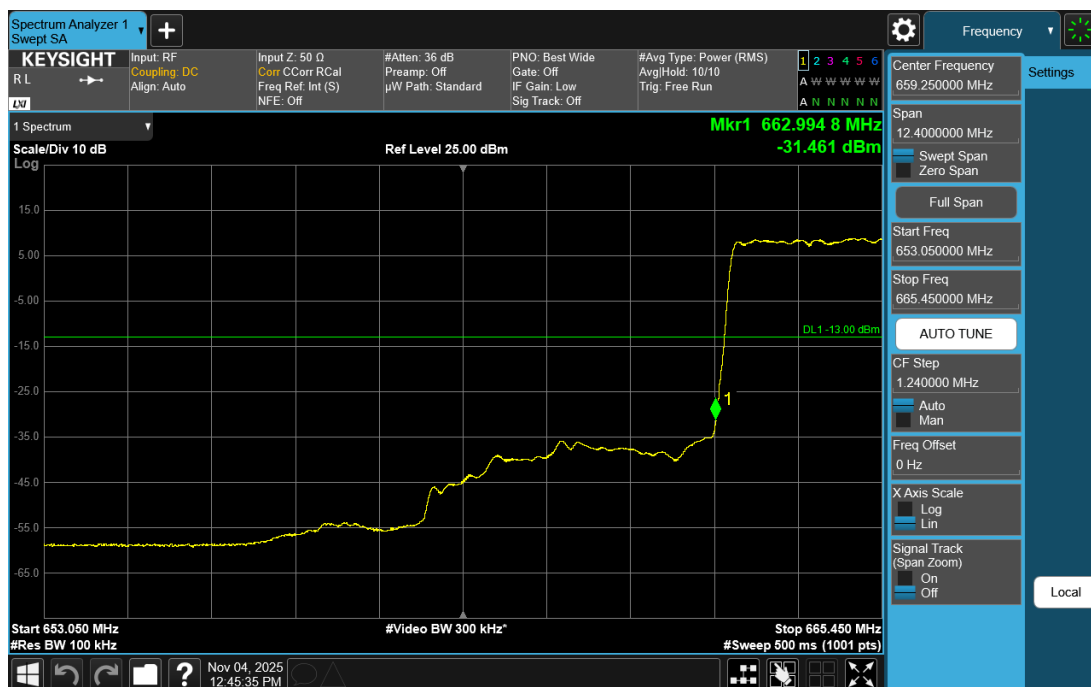


Plot 7-363. High Band Edge Plot (NR Band n70 – 15.0MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-364. Upper Extended Band Edge Plot (NR Band n70 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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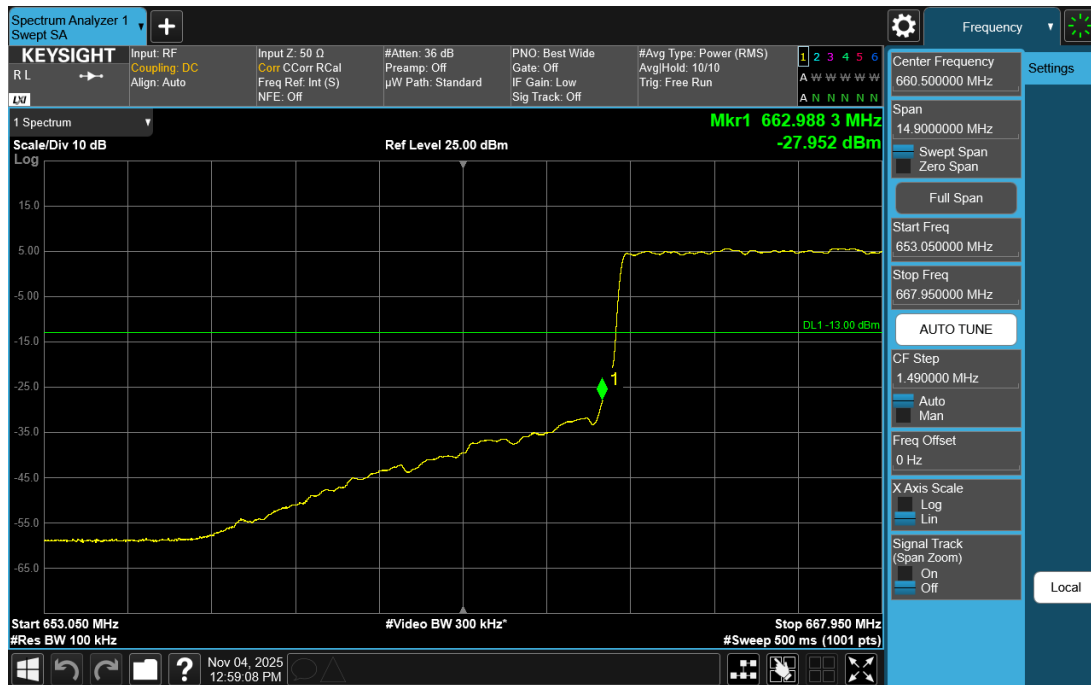


Plot 7-365. Lower Band Edge Plot (NR Band n71 – 5.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

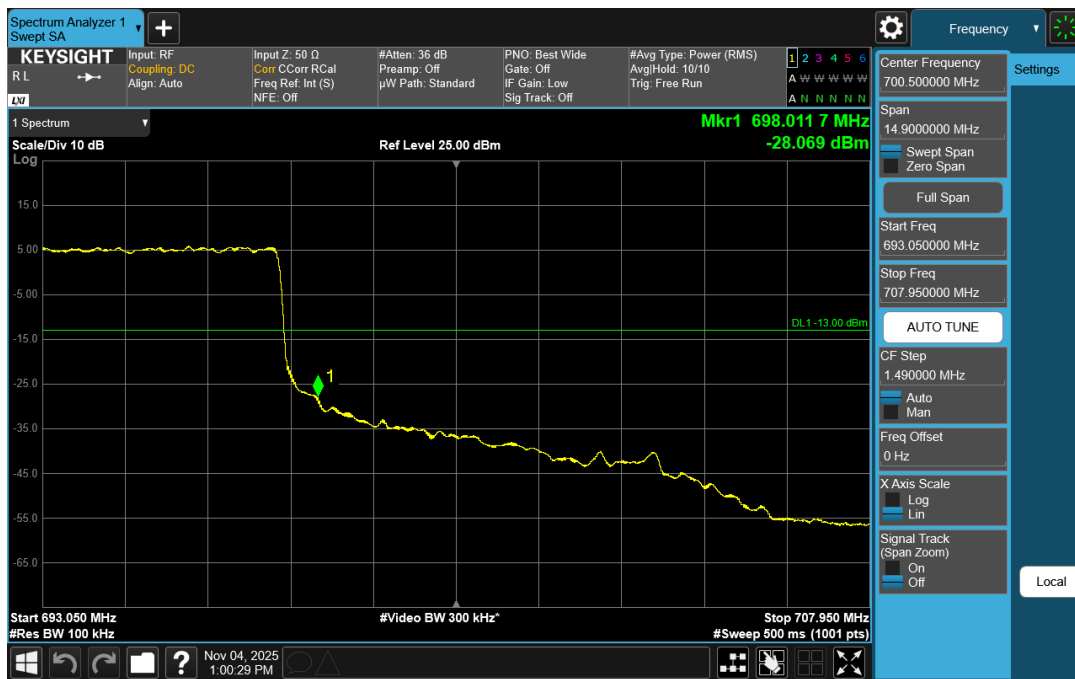


Plot 7-366. Upper Band Edge Plot (NR Band n71 – 5.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-367. Lower Band Edge Plot (NR Band n71 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

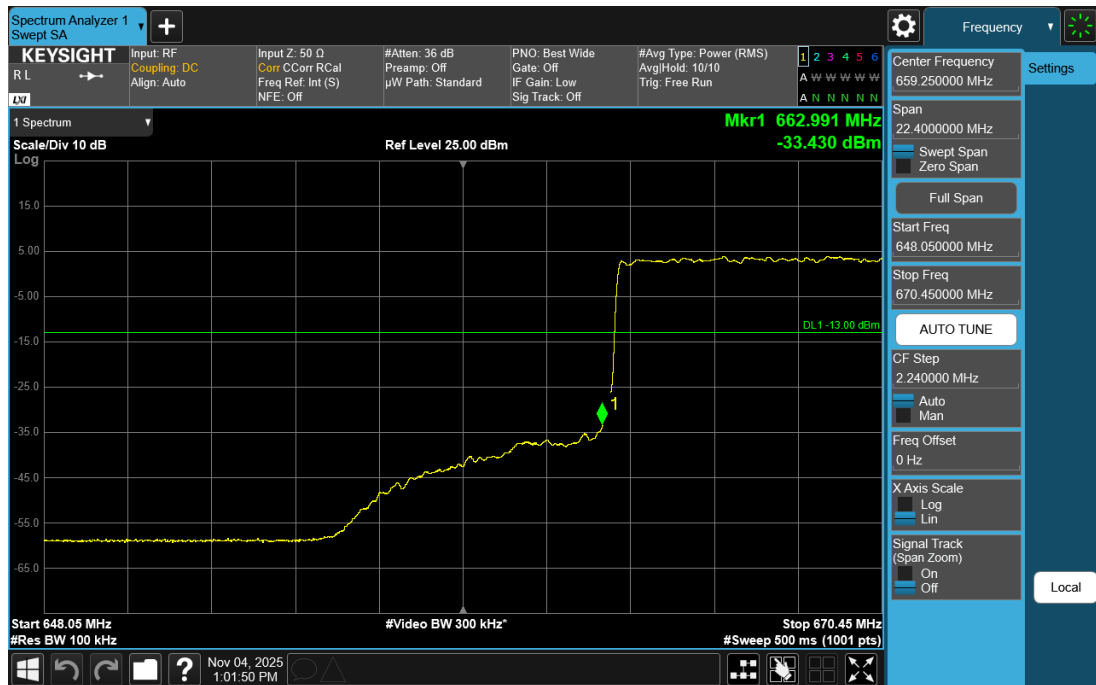


Plot 7-368. Upper Band Edge Plot (NR Band n71 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-369. Lower Band Edge Plot (NR Band n71 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

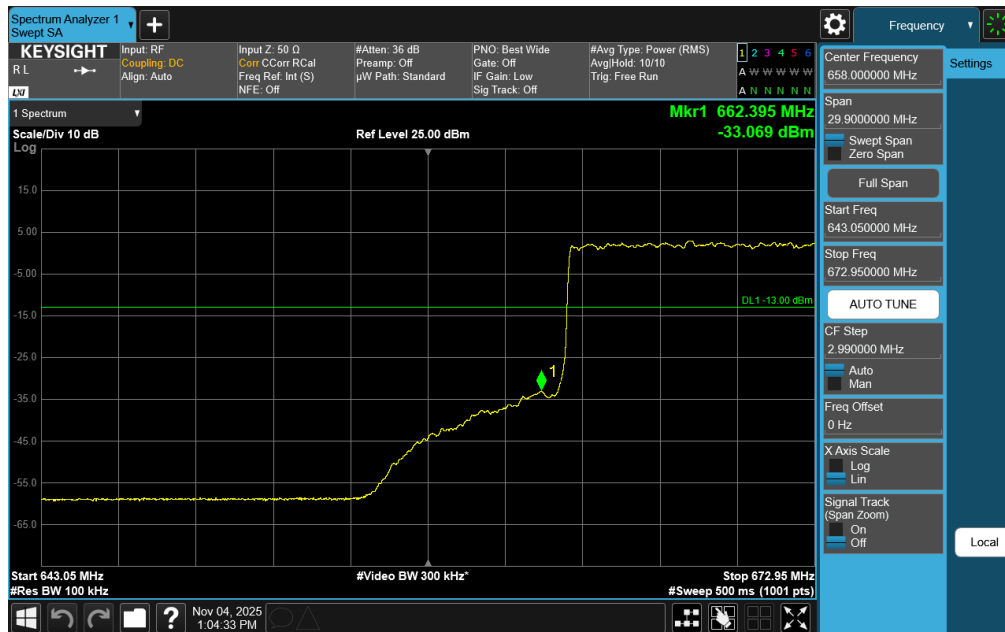


Plot 7-370. Upper Band Edge Plot (NR Band n71 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

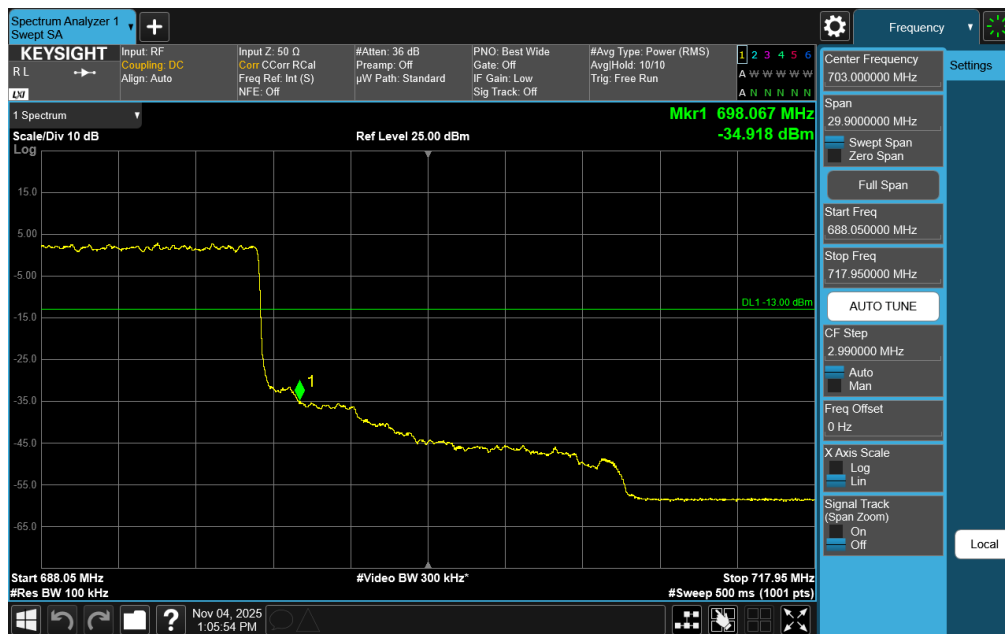
FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-371. Lower Band Edge Plot (NR Band n71 – 20.0MHz DFT-s-OFDM QPSK - Full RB)



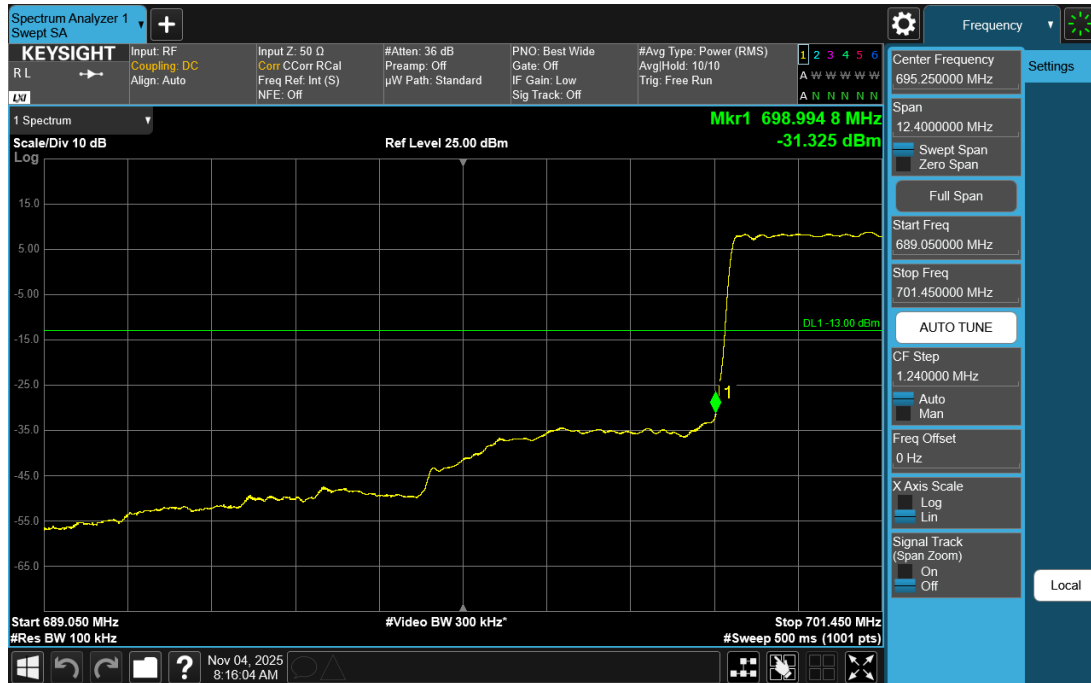
Plot 7-372. Upper Band Edge Plot (NR Band n71 – 20.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12



Plot 7-373. Lower Band Edge Plot (NR Band n12 – 5.0MHz DFT-s-OFDM QPSK - Full RB)

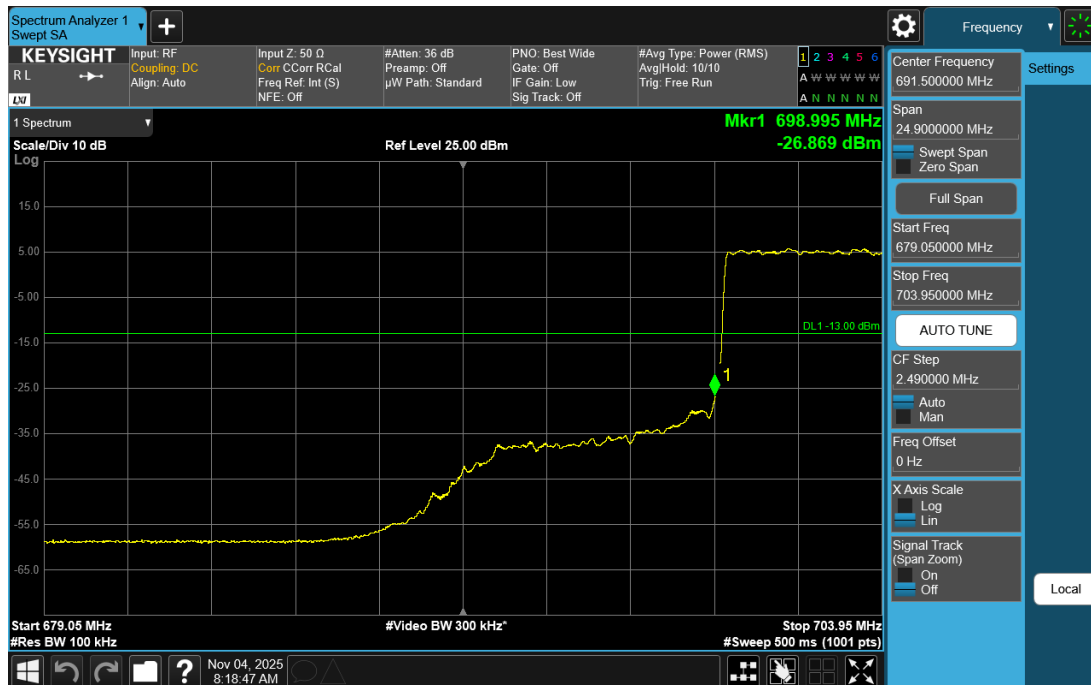


Plot 7-374. Upper Band Edge Plot (NR Band n12 – 5.0MHz DFT-s-OFDM QPSK- Full RB)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-375. Lower Band Edge Plot (NR Band n12 – 10.0MHz DFT-s-OFDM QPSK - Full RB)

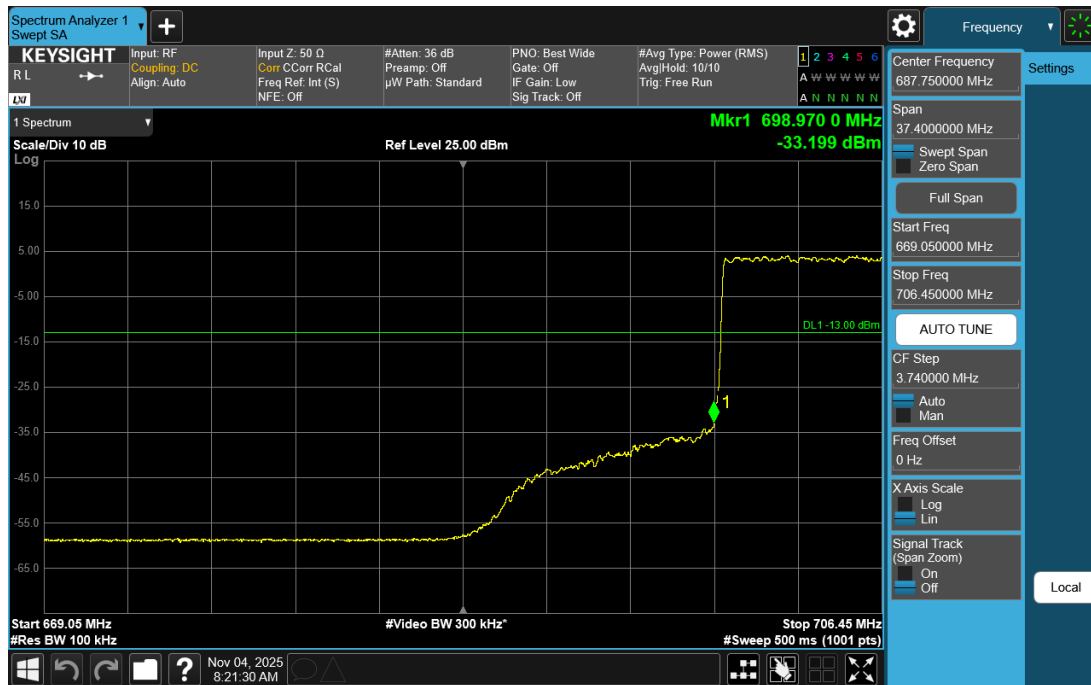


Plot 7-376. Upper Band Edge Plot (NR Band n12 – 10.0MHz DFT-s-OFDM QPSK- Full RB)

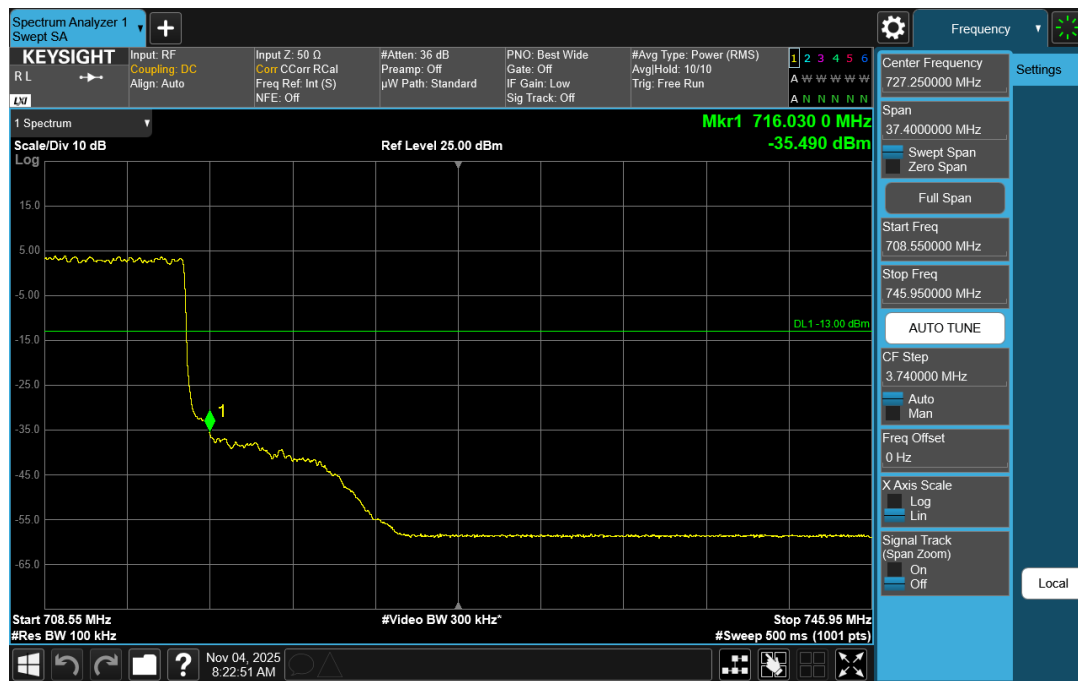
FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-377. Lower Band Edge Plot (NR Band n12 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

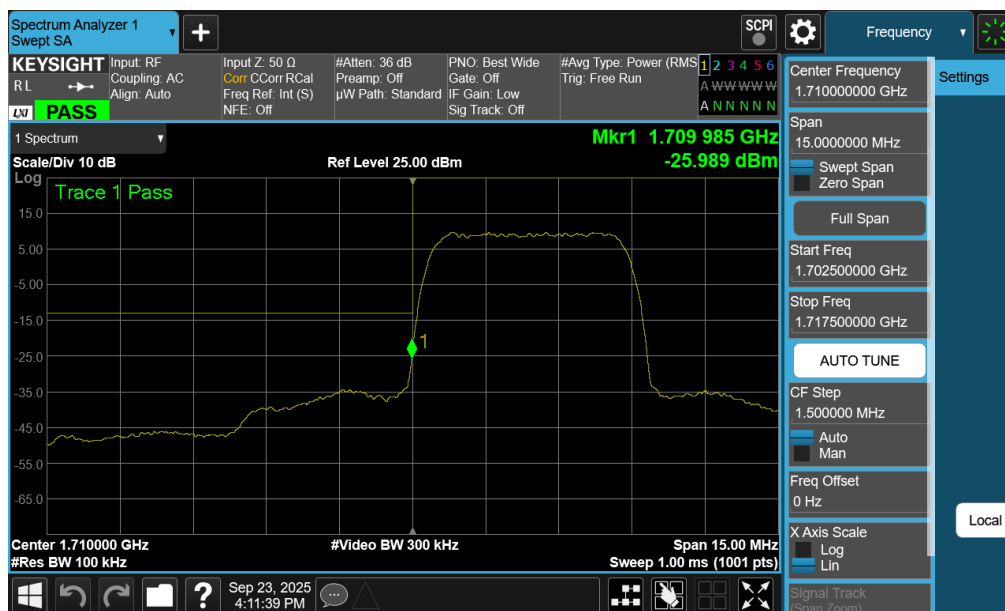


Plot 7-378. Upper Band Edge Plot (NR Band n12 – 15.0MHz DFT-s-OFDM QPSK - Full RB)

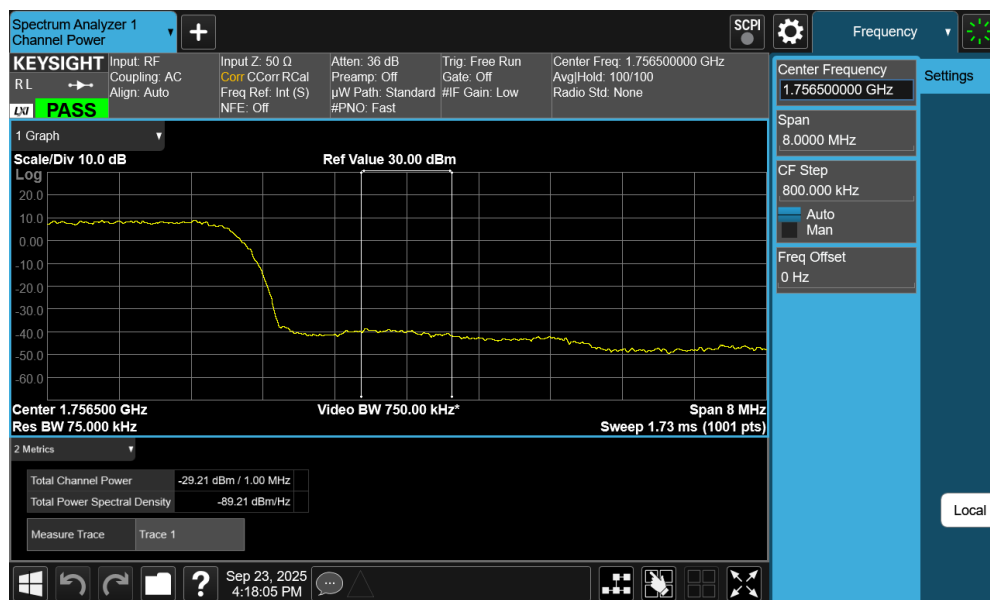
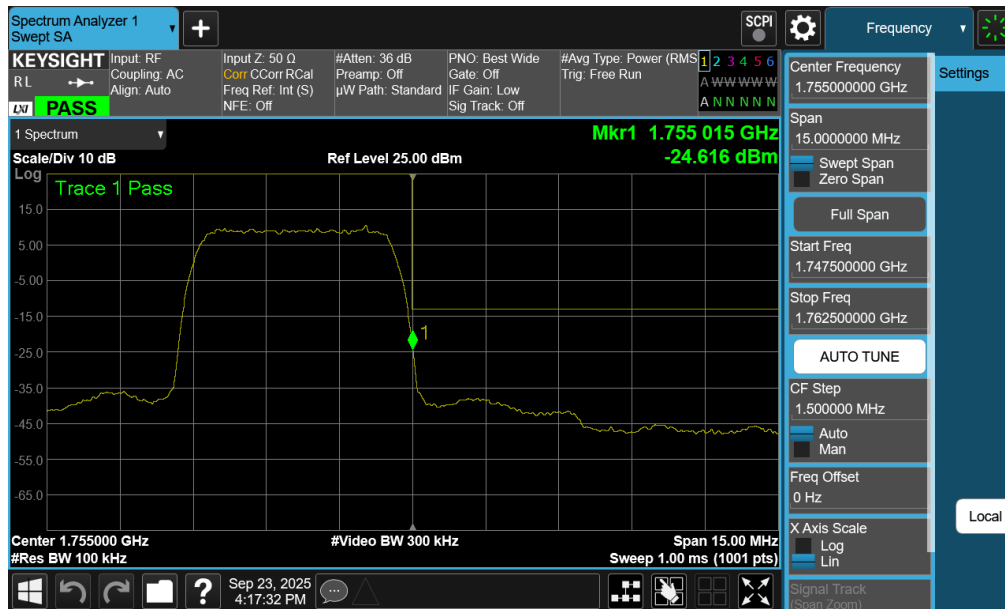
FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5 Peak-Average Ratio

§27.50(d)(5)

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

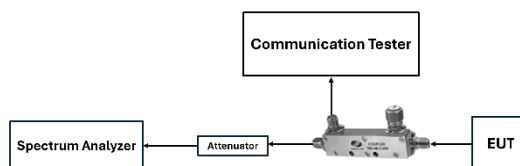


Figure 7-7. LTE Test Instrument & Measurement Setup

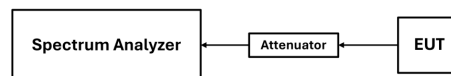


Figure 7-8. FR1 Test Instrument & Measurement Setup

Test Notes

1. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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