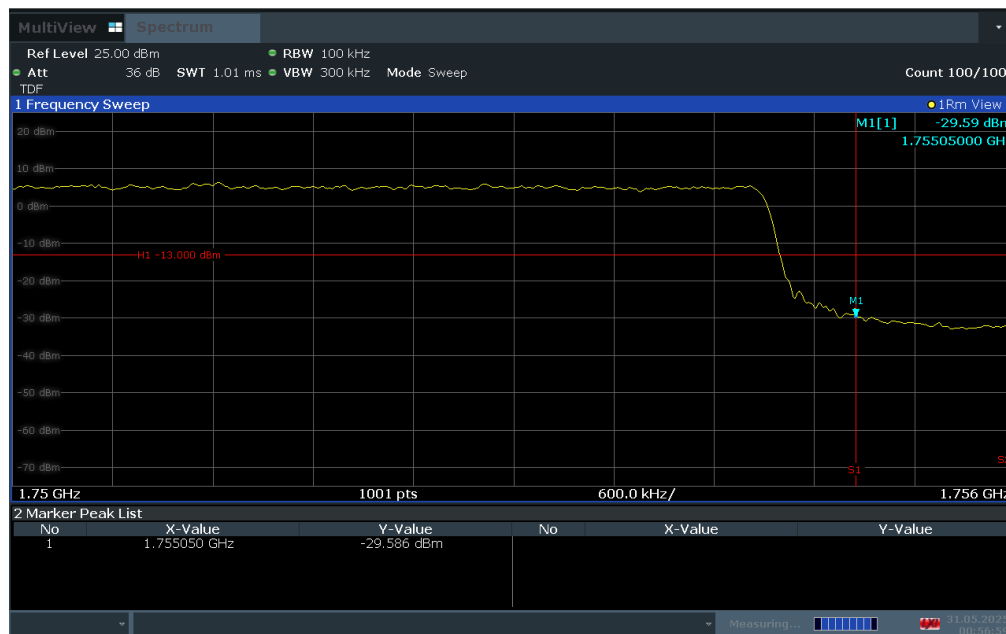
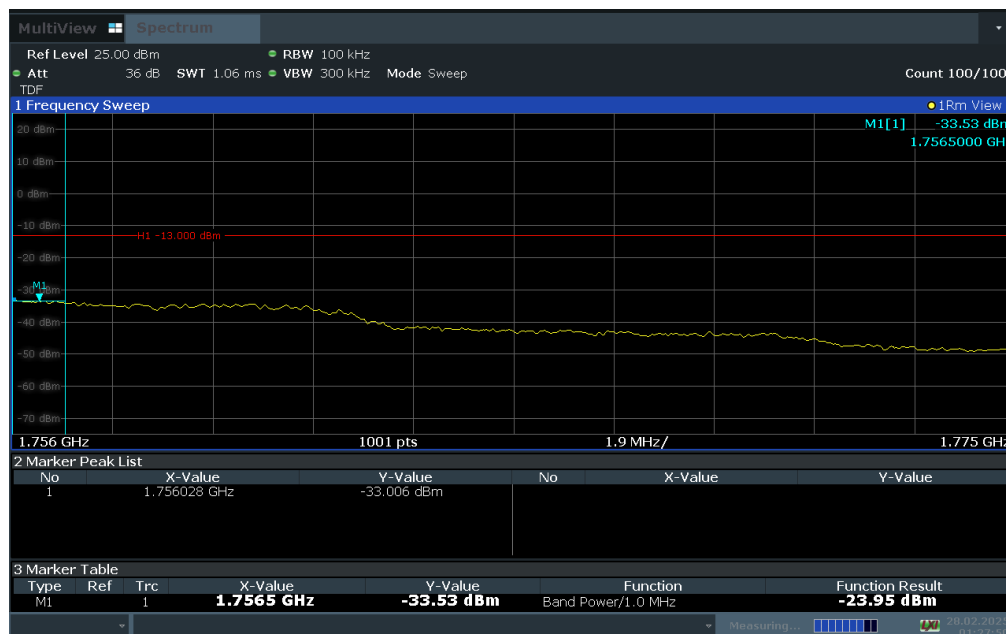


Peak



00:56:59 31.05.2025

Plot 7-174. Upper Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)



01:27:51 28.02.2025

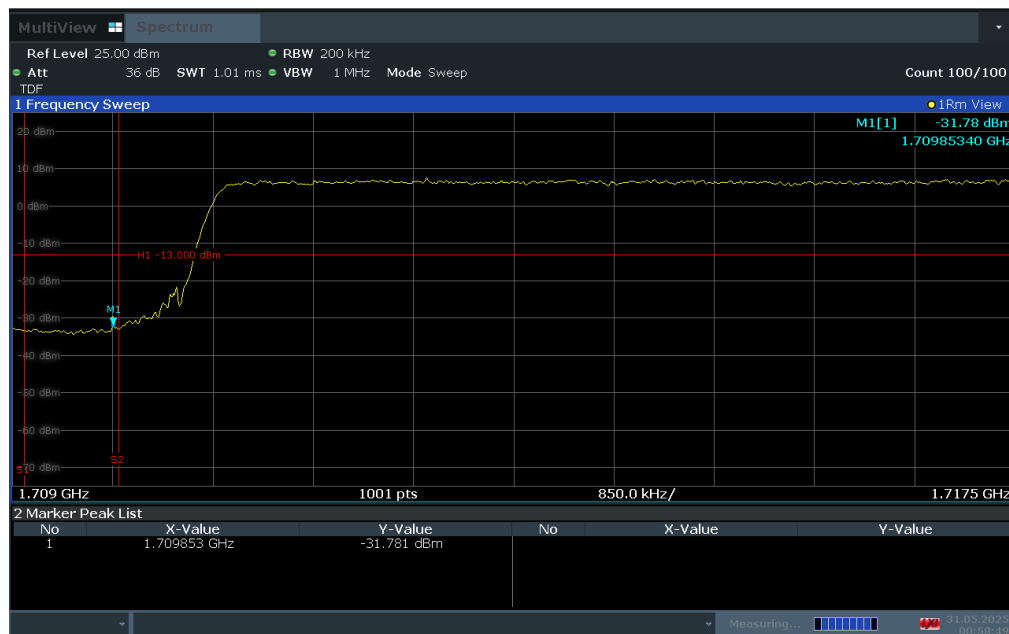
Plot 7-175. Upper Extended Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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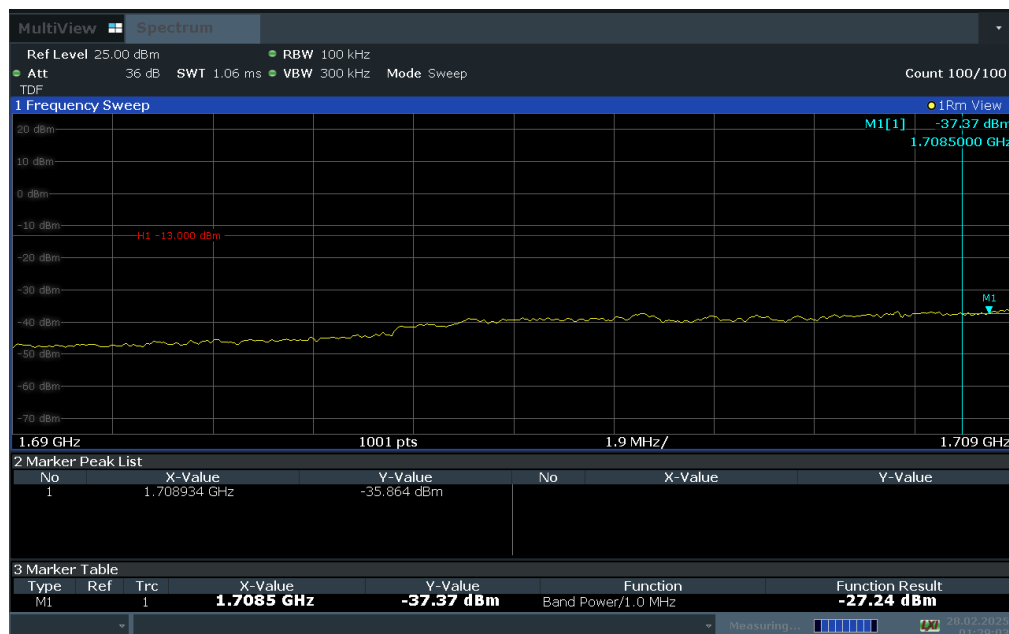
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Peak



00:58:50 31.05.2025

Plot 7-176. Lower Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)



01:29:04 28.02.2025

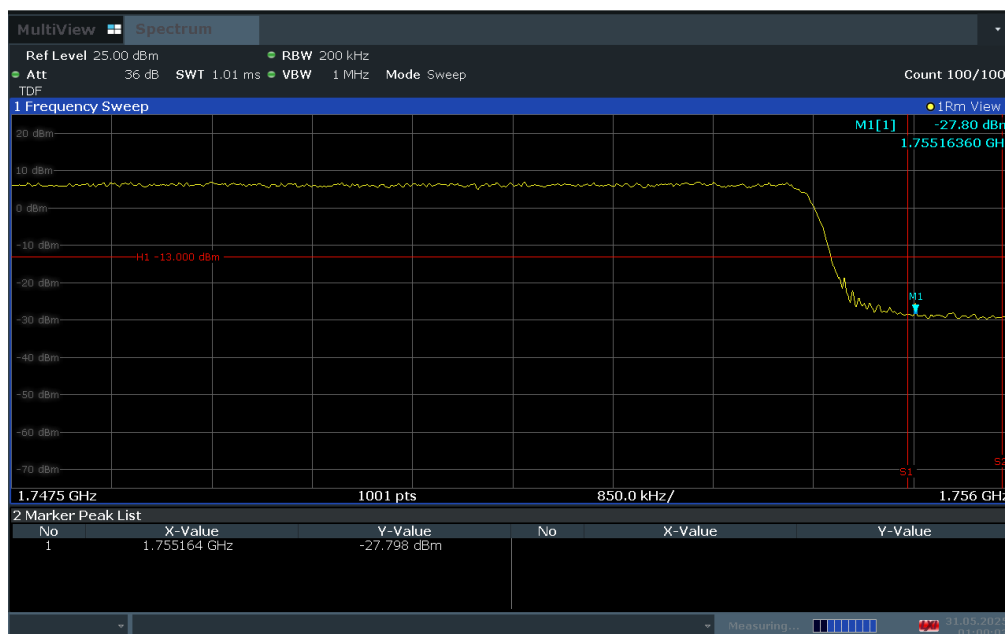
Plot 7-177. Lower Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 112 of 202

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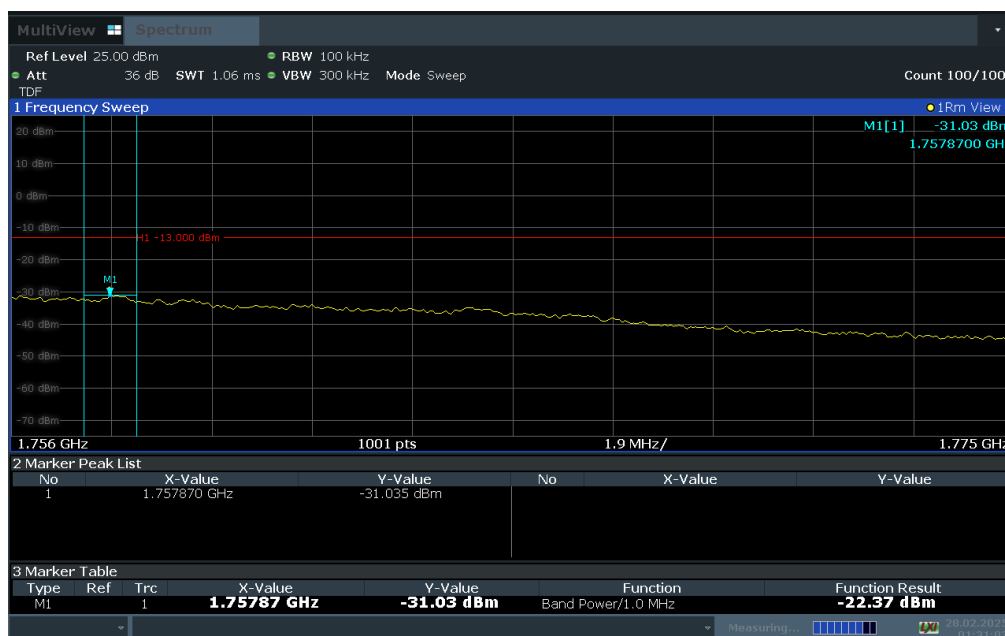
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Peak



01:00:04 31.05.2025

Plot 7-178. Upper Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)



01:31:03 28.02.2025

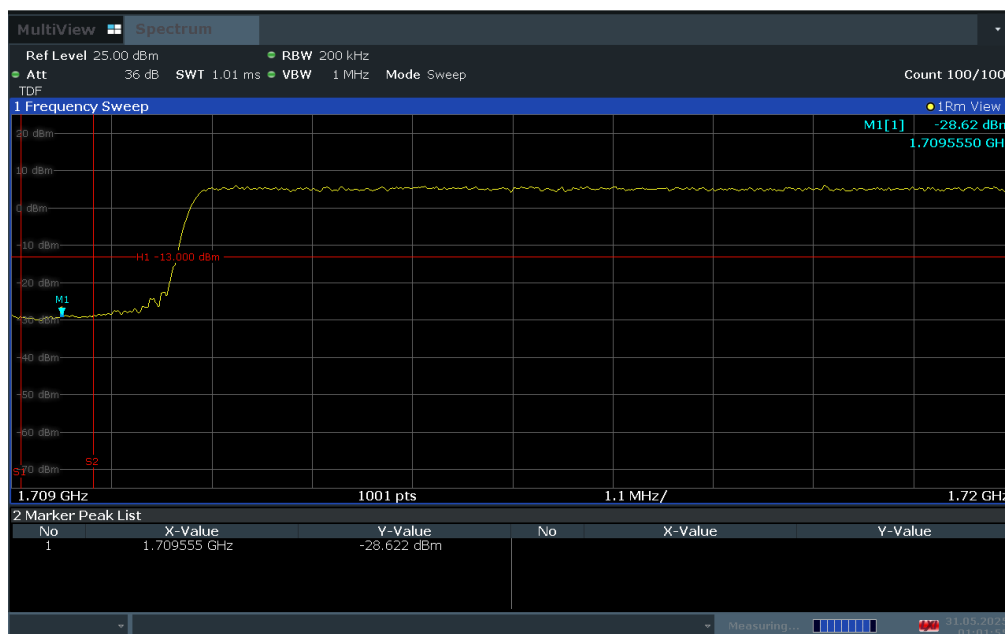
Plot 7-179. Upper Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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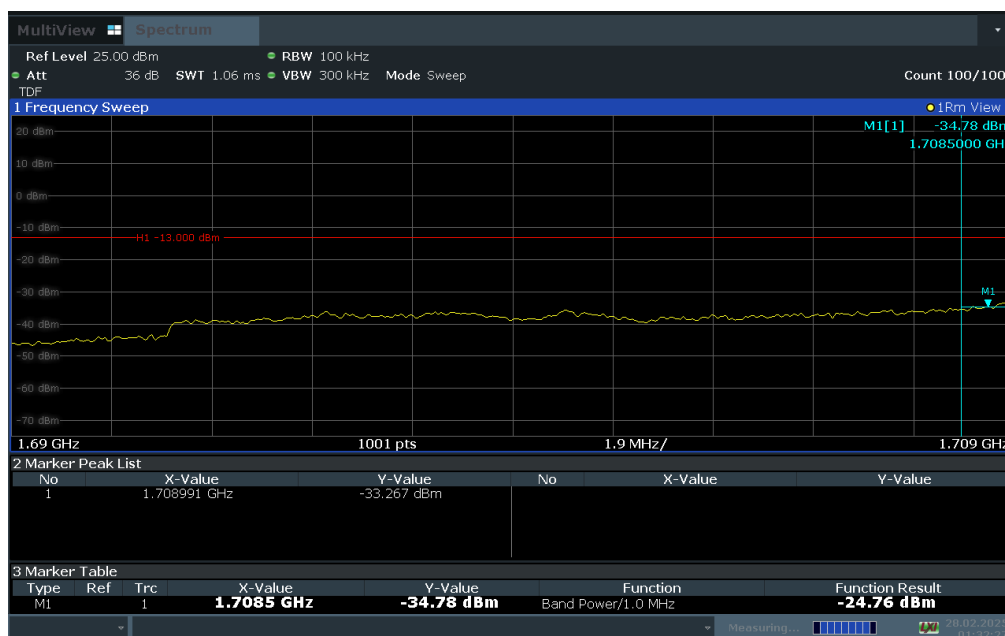
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Peak



01:01:56 31.05.2025

Plot 7-180. Lower Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)



01:32:27 28.02.2025

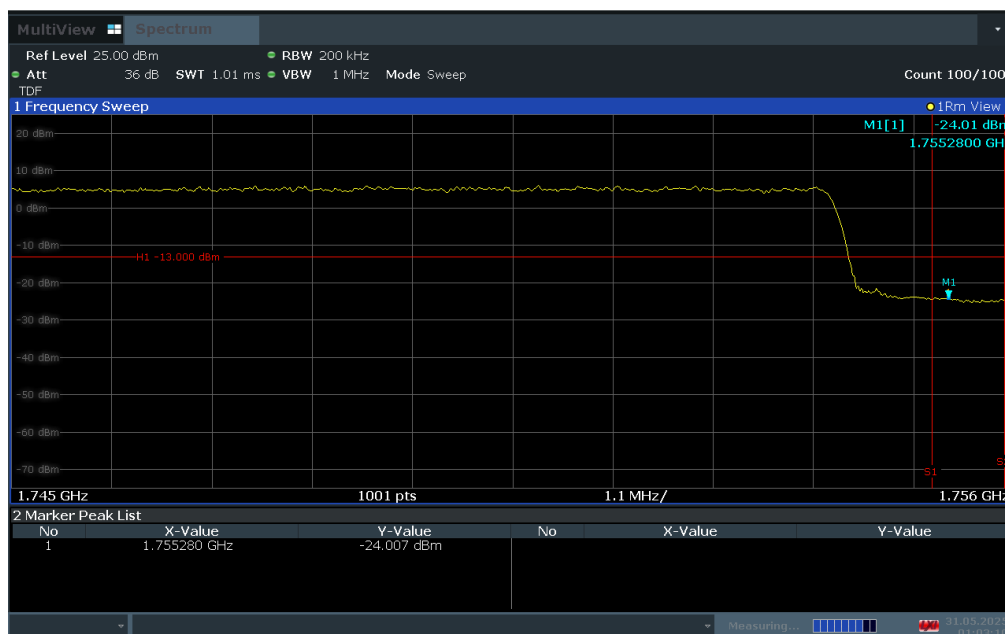
Plot 7-181. Lower Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 114 of 202

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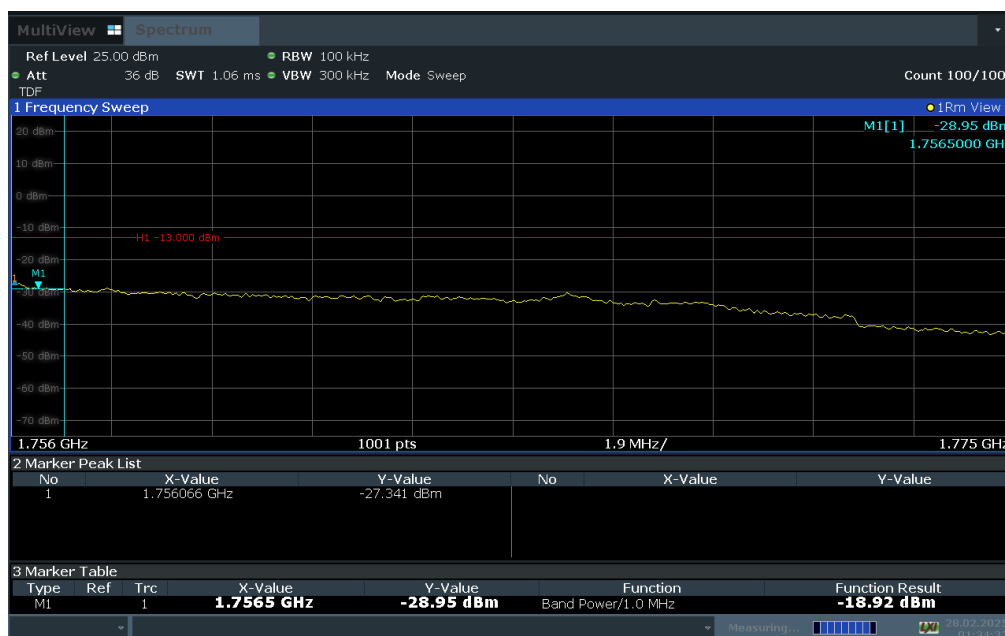
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Peak



01:03:10 31.05.2025

Plot 7-182. Upper Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)



01:34:32 28.02.2025

Plot 7-183. Upper Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

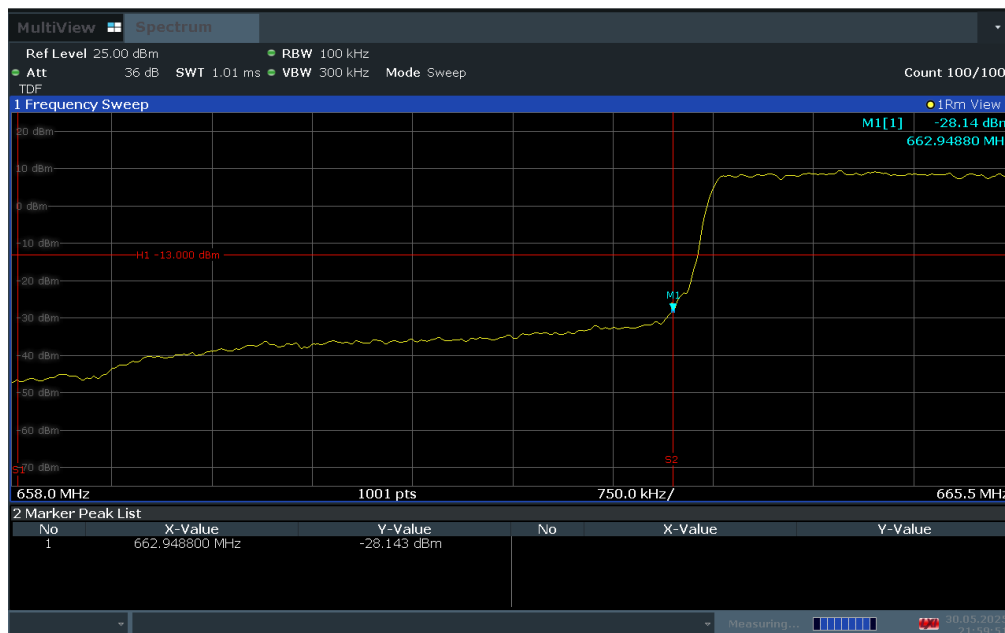
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 115 of 202

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LTE Band 71

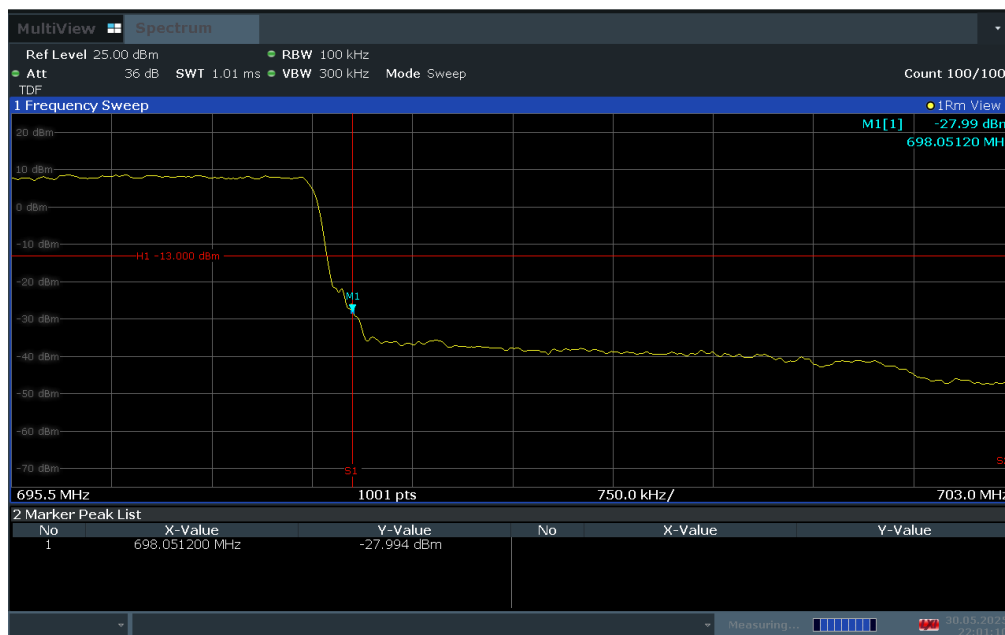
Peak



21:59:52 30.05.2025

Plot 7-184. Lower Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB)

Peak



22:01:11 30.05.2025

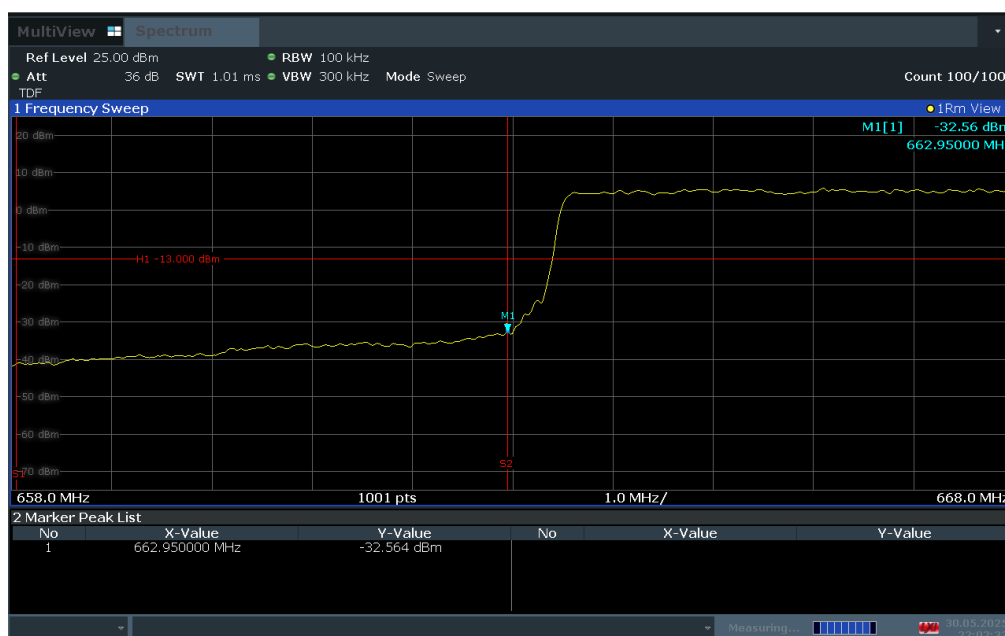
Plot 7-185. Upper Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 116 of 202

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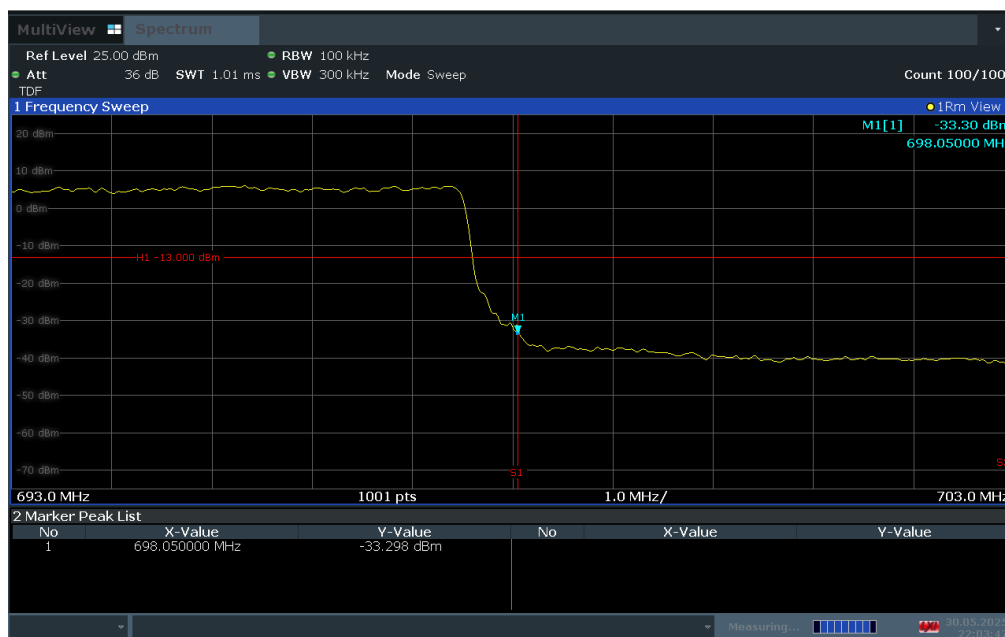
Peak



22:02:34 30.05.2025

Plot 7-186. Lower Band Edge Plot (LTE Band 71 - 10MHz QPSK – Full RB)

Peak



22:03:47 30.05.2025

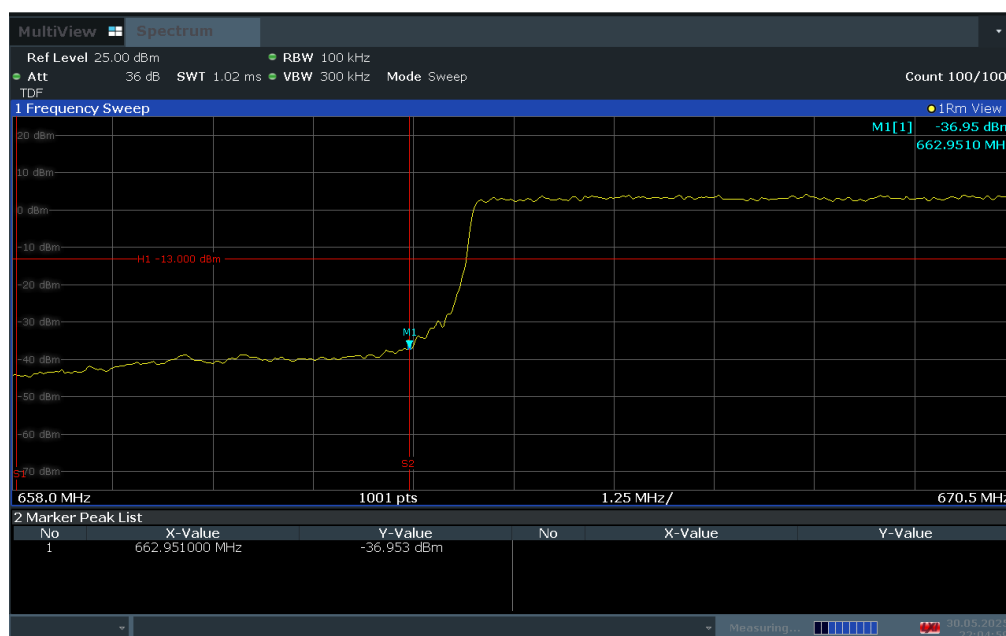
Plot 7-187. Upper Band Edge Plot (LTE Band 71 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 117 of 202

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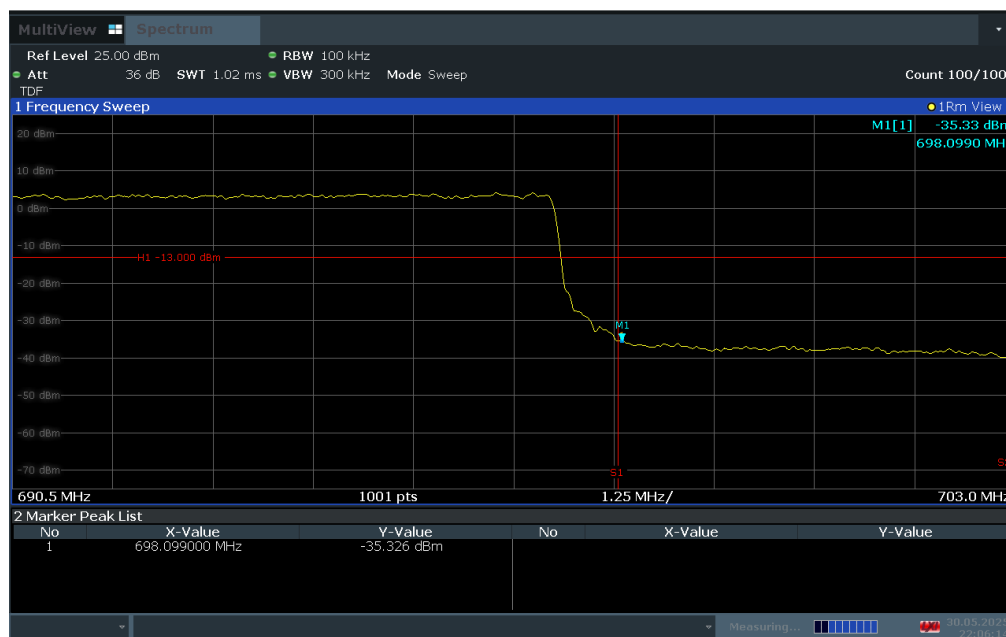
Peak



22:05:00 30.05.2025

Plot 7-188. Lower Band Edge Plot (LTE Band 71 - 15MHz QPSK – Full RB)

Peak



22:06:15 30.05.2025

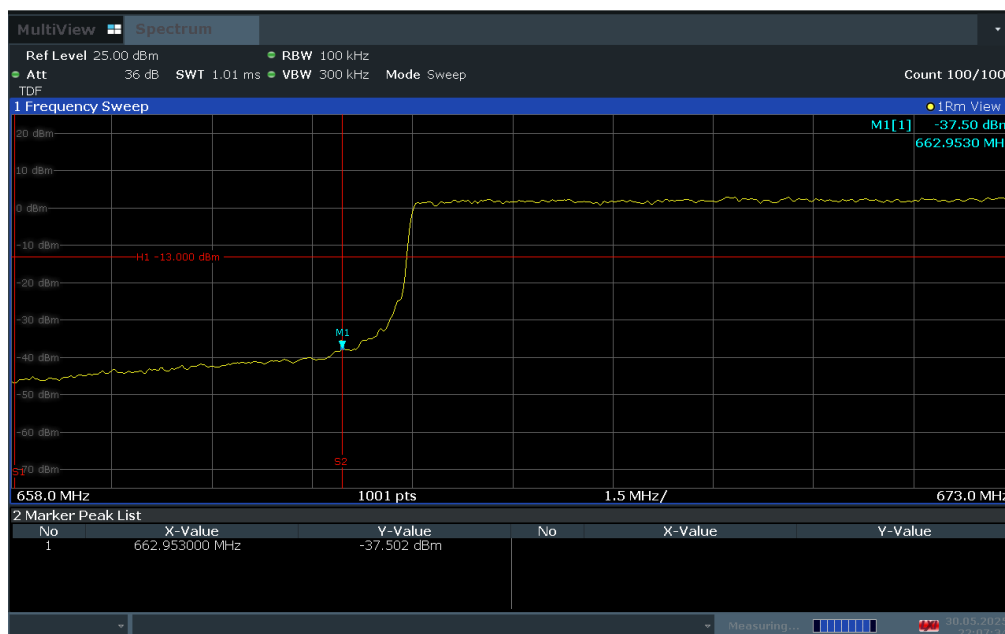
Plot 7-189. Upper Band Edge Plot (LTE Band 71 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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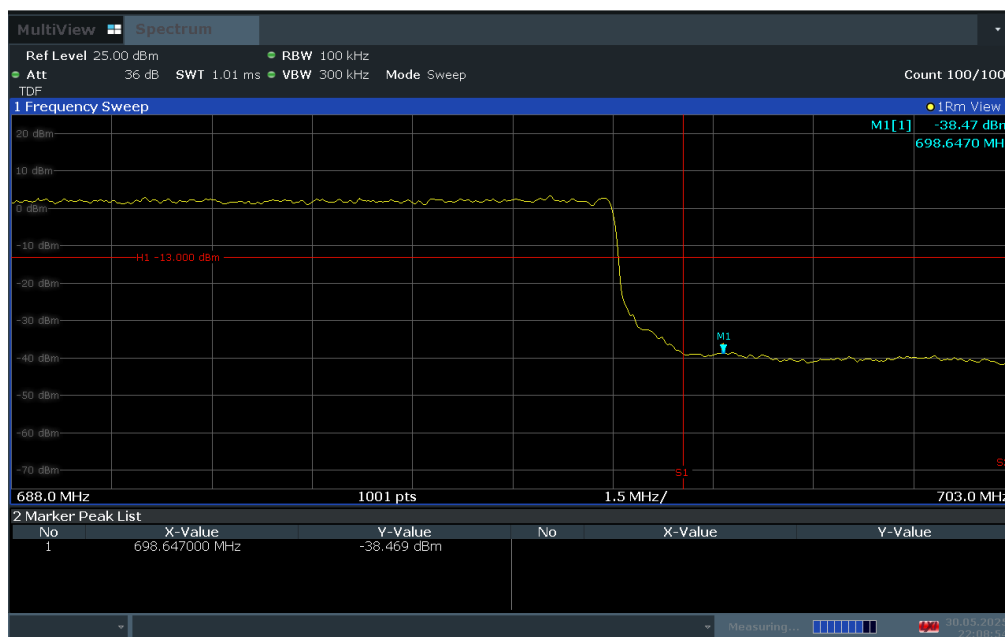
Peak



22:07:35 30.05.2025

Plot 7-190. Lower Band Edge Plot (LTE Band 71 - 20MHz QPSK – Full RB)

Peak



22:08:54 30.05.2025

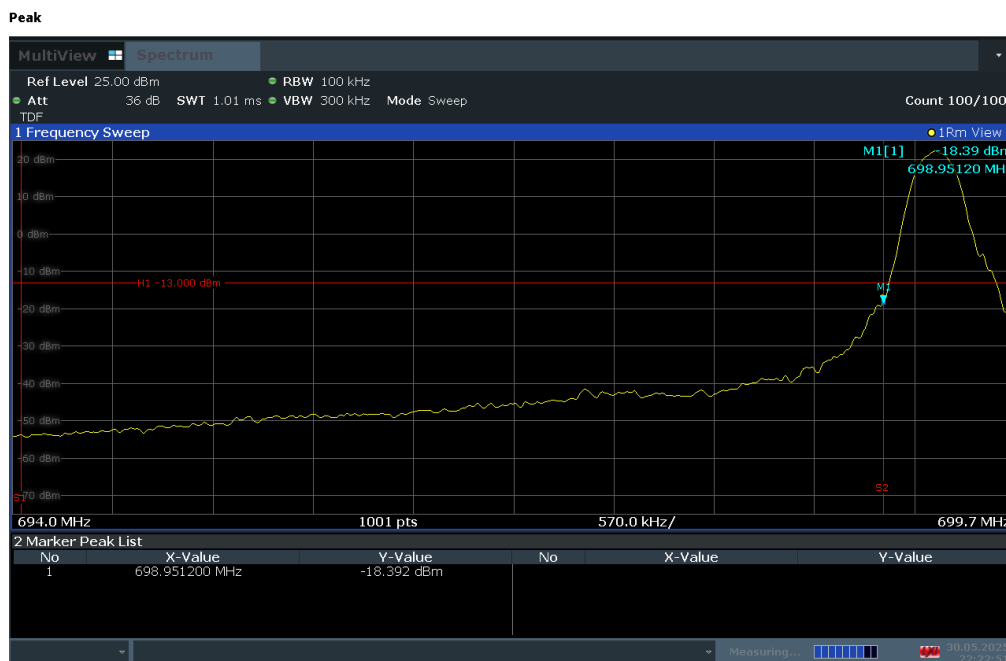
Plot 7-191. Upper Band Edge Plot (LTE Band 71 - 20MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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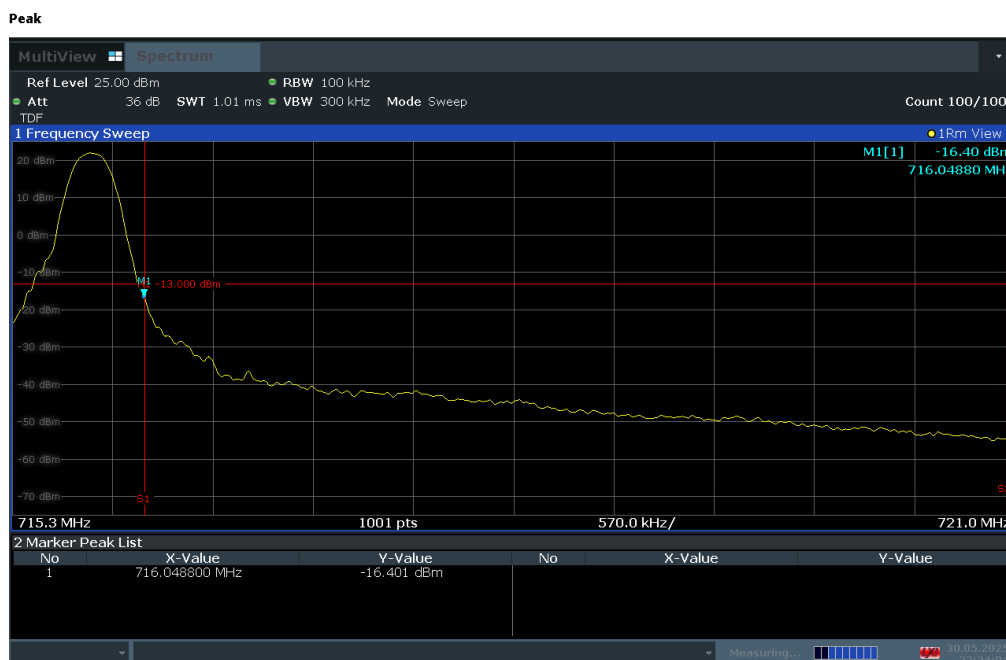
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LTE Band 12



22:22:52 30.05.2025

Plot 7-192. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Edge RB)



22:24:05 30.05.2025

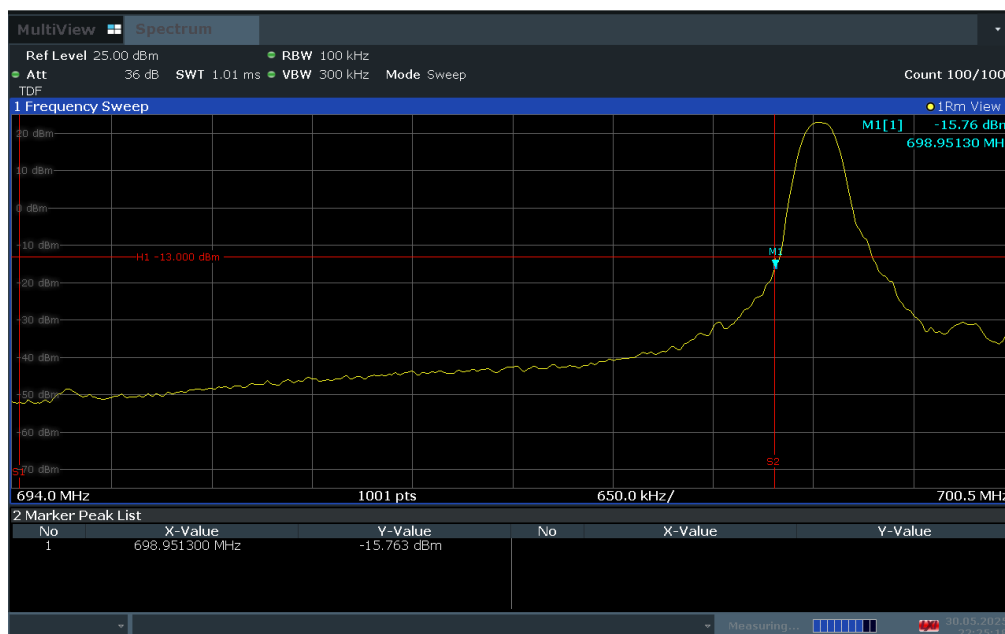
Plot 7-193. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Edge RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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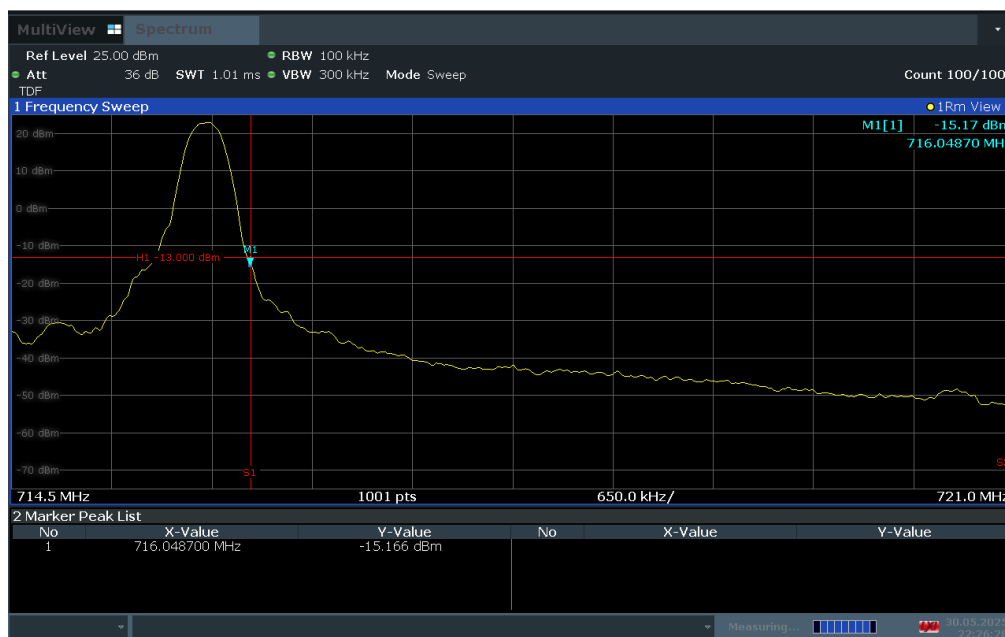
Peak



22:25:19 30.05.2025

Plot 7-194. Lower Band Edge Plot (LTE Band 12 - 3MHz QPSK – Edge RB)

Peak



22:26:28 30.05.2025

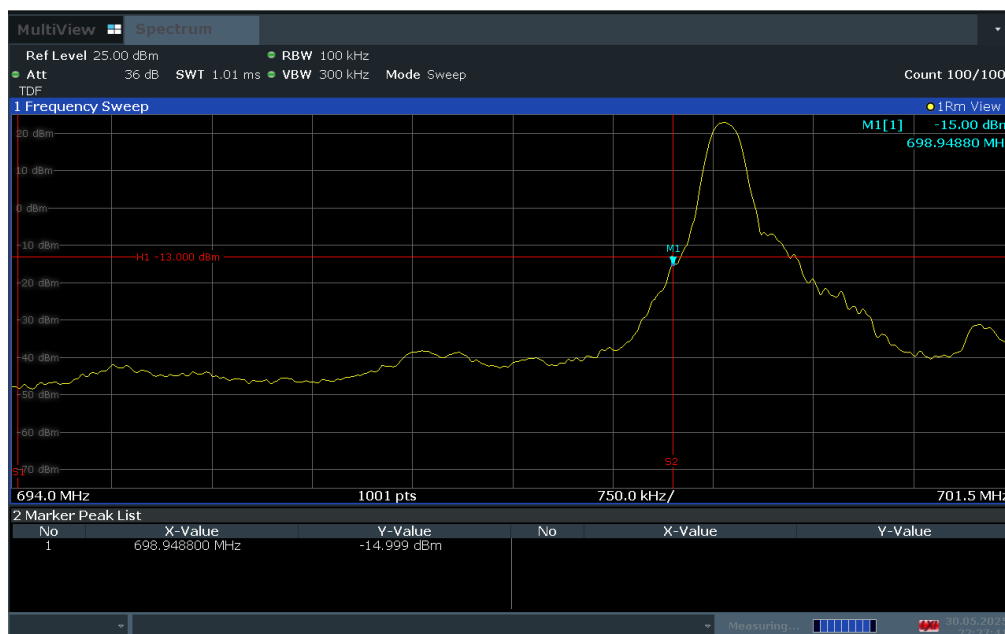
Plot 7-195. Upper Band Edge Plot (LTE Band 12 - 3MHz QPSK – Edge RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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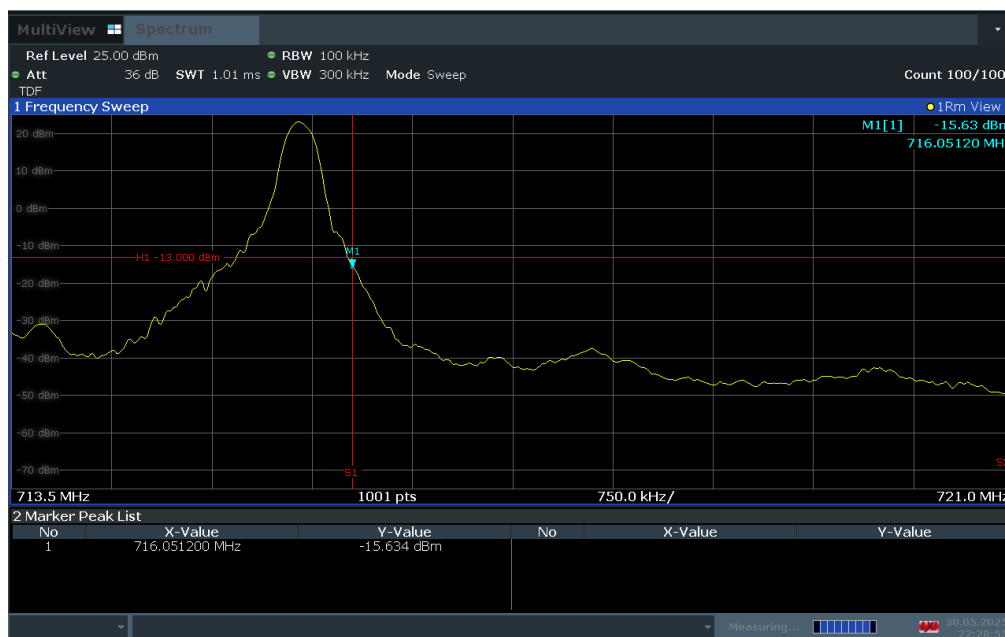
Peak



22:27:42 30.05.2025

Plot 7-196. Lower Band Edge Plot (LTE Band 12 - 5MHz QPSK – Edge RB)

Peak



22:28:55 30.05.2025

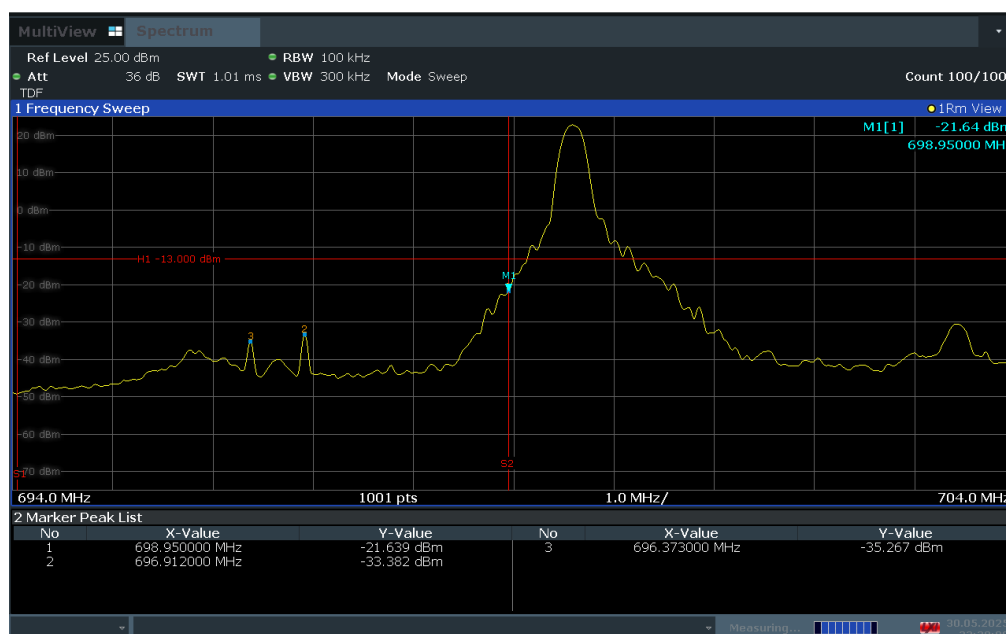
Plot 7-197. Upper Band Edge Plot (LTE Band 12 - 5MHz QPSK – Edge RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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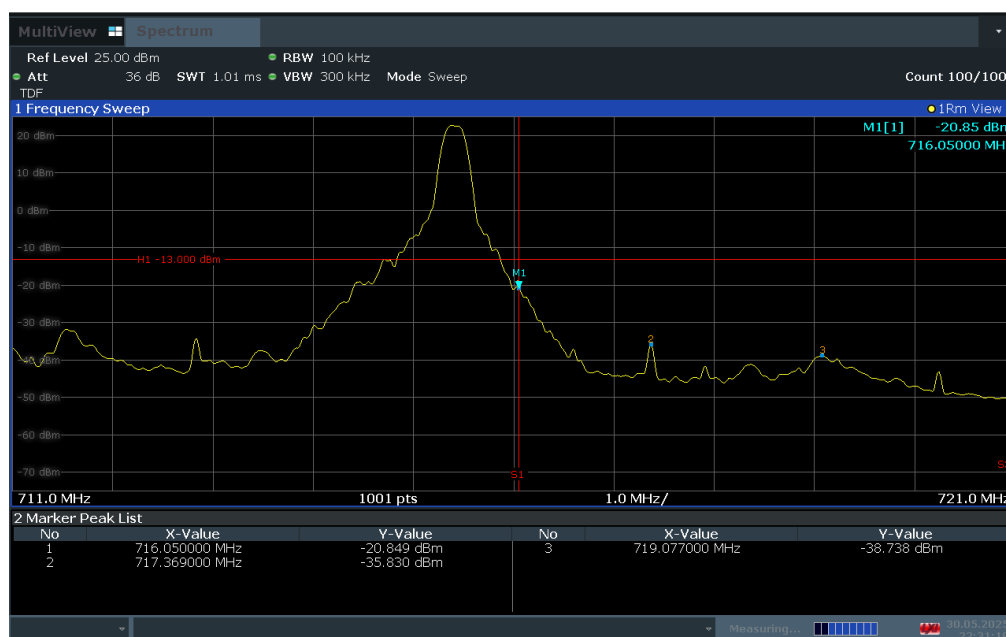
Peak



22:30:09 30.05.2025

Plot 7-198. Lower Band Edge Plot (LTE Band 12 - 10MHz QPSK – Edge RB)

Peak



22:31:20 30.05.2025

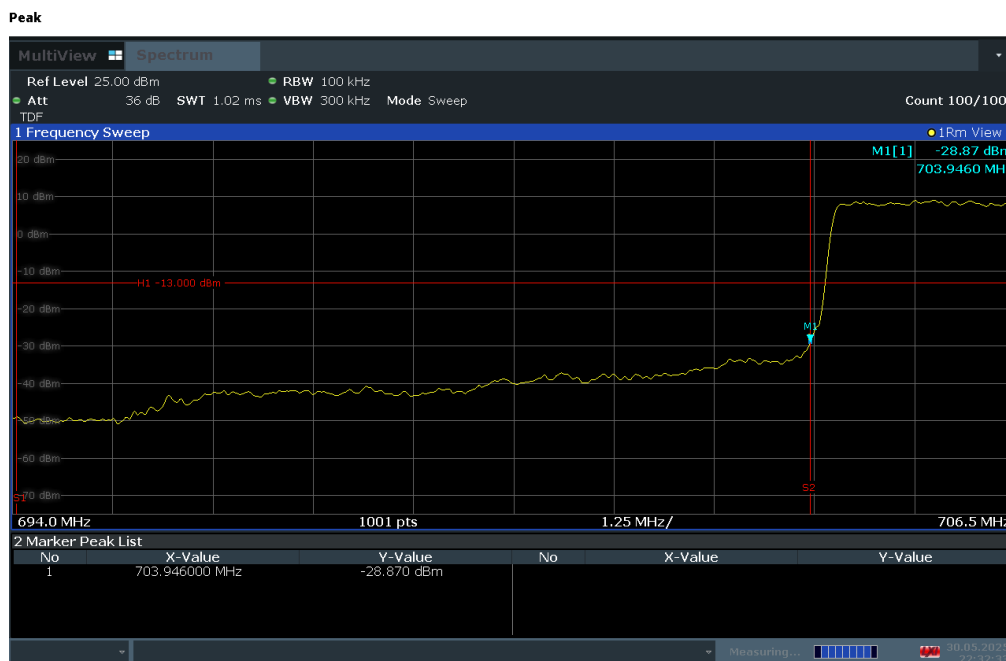
Plot 7-199. Upper Band Edge Plot (LTE Band 12 - 10MHz QPSK – Edge RB)

FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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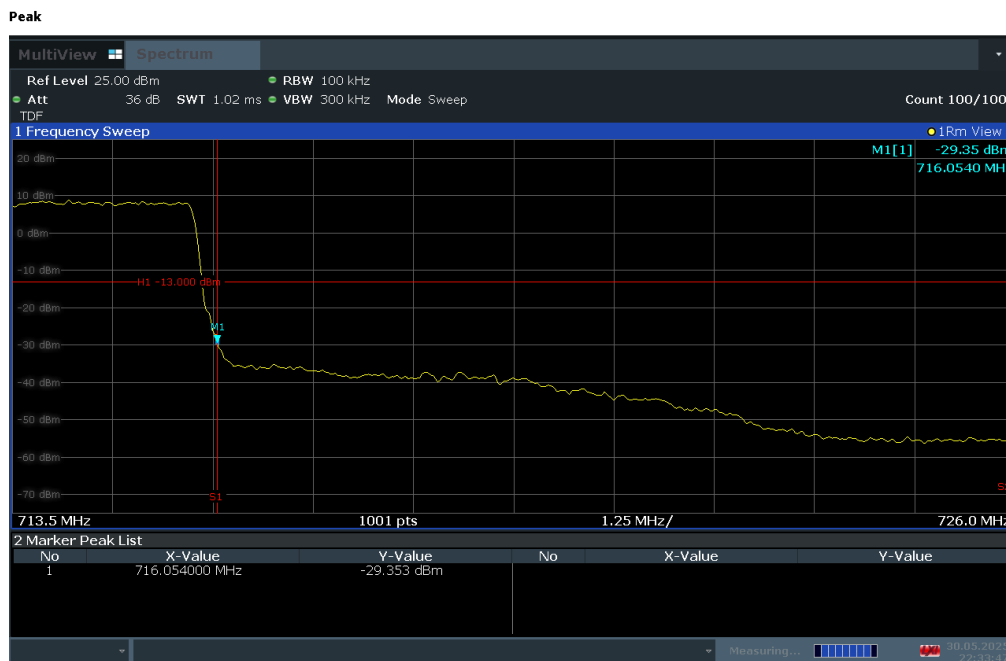
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LTE Band 17



22:32:34 30.05.2025

Plot 7-200. Lower Band Edge Plot (LTE Band 17 - 5MHz QPSK – Full RB)



22:33:47 30.05.2025

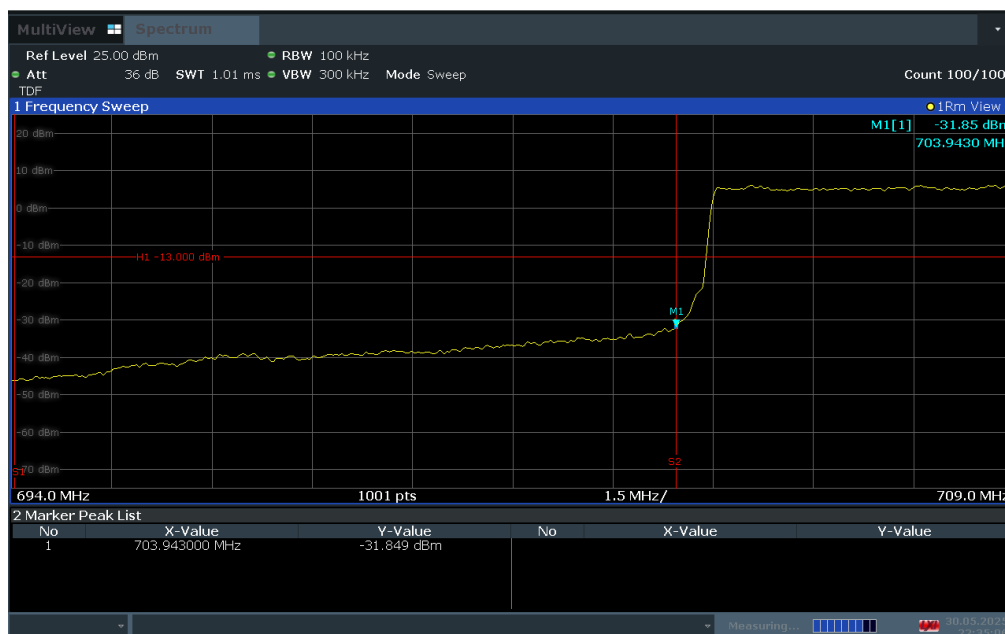
Plot 7-201. Upper Band Edge Plot (LTE Band 17 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 124 of 202

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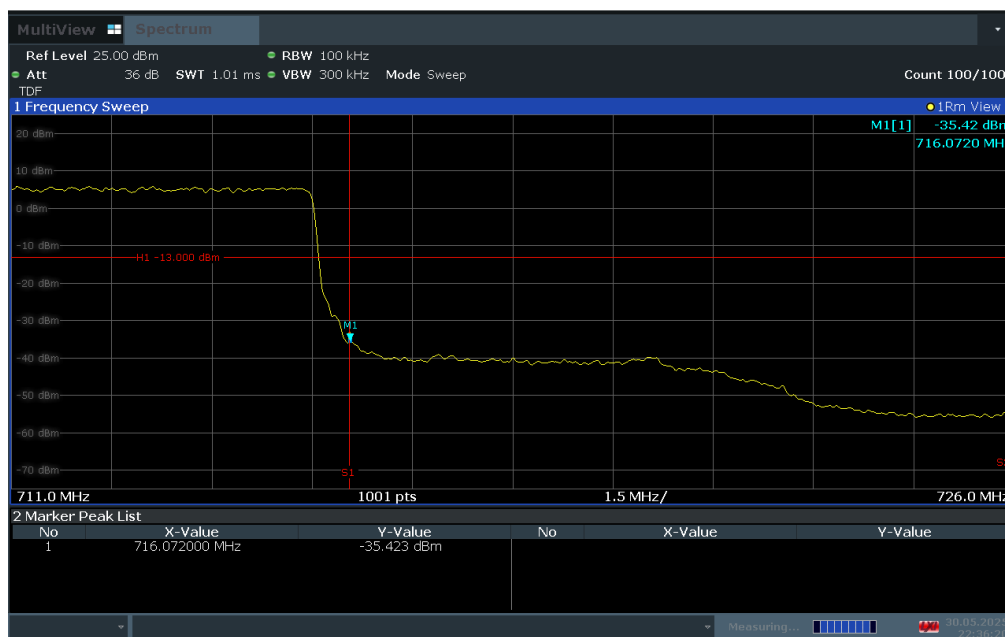
Peak



22:35:06 30.05.2025

Plot 7-202. Lower Band Edge Plot (LTE Band 17 - 10MHz QPSK – Full RB)

Peak



22:36:21 30.05.2025

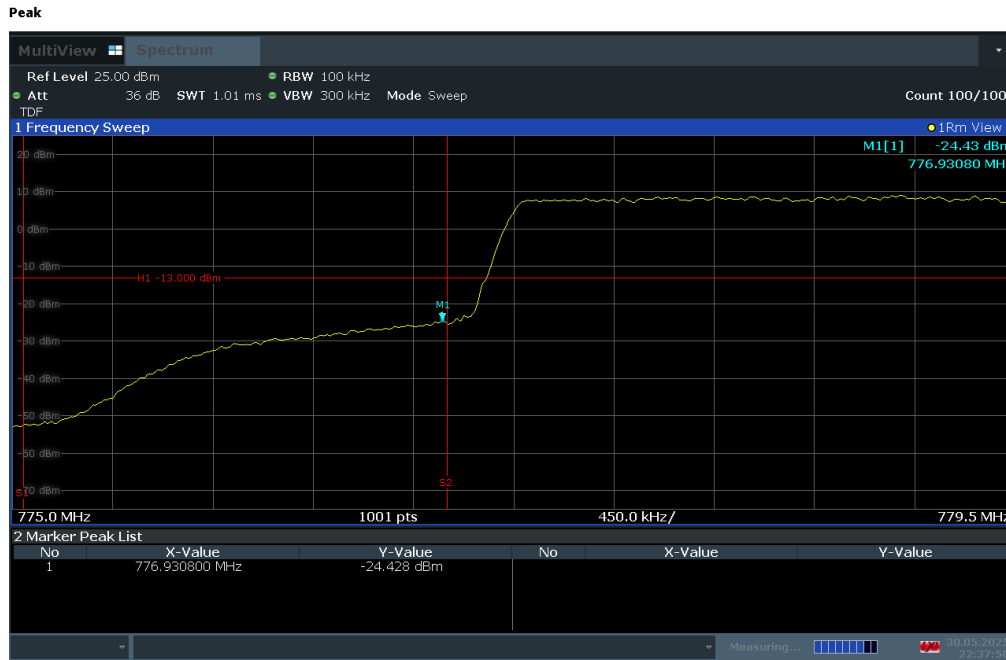
Plot 7-203. Upper Band Edge Plot (LTE Band 17 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 125 of 202

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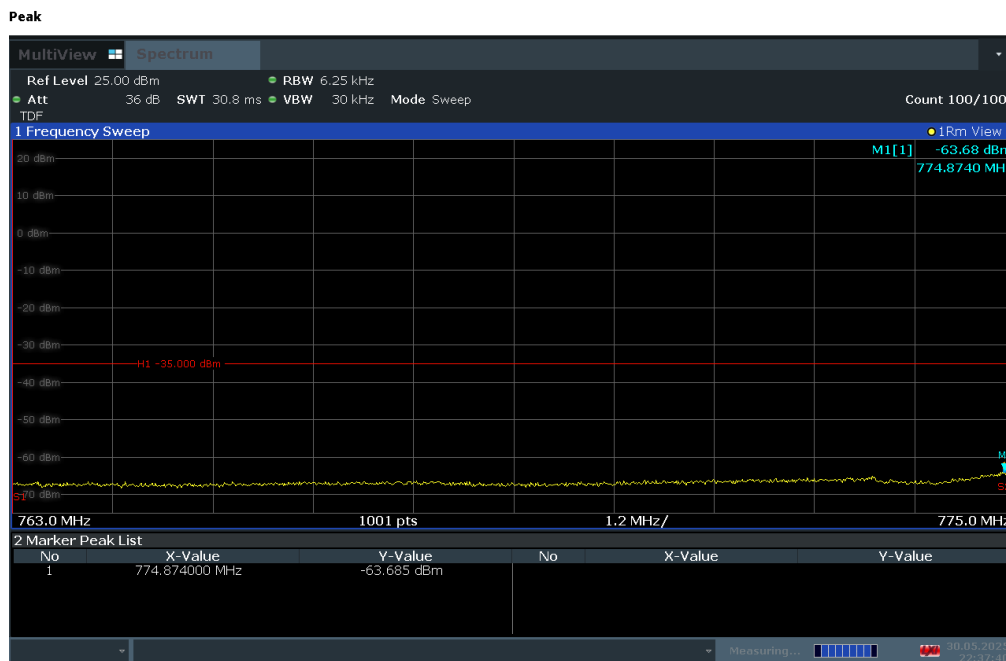
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LTE Band 13



22:37:58 30.05.2025

Plot 7-204. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)



22:37:41 30.05.2025

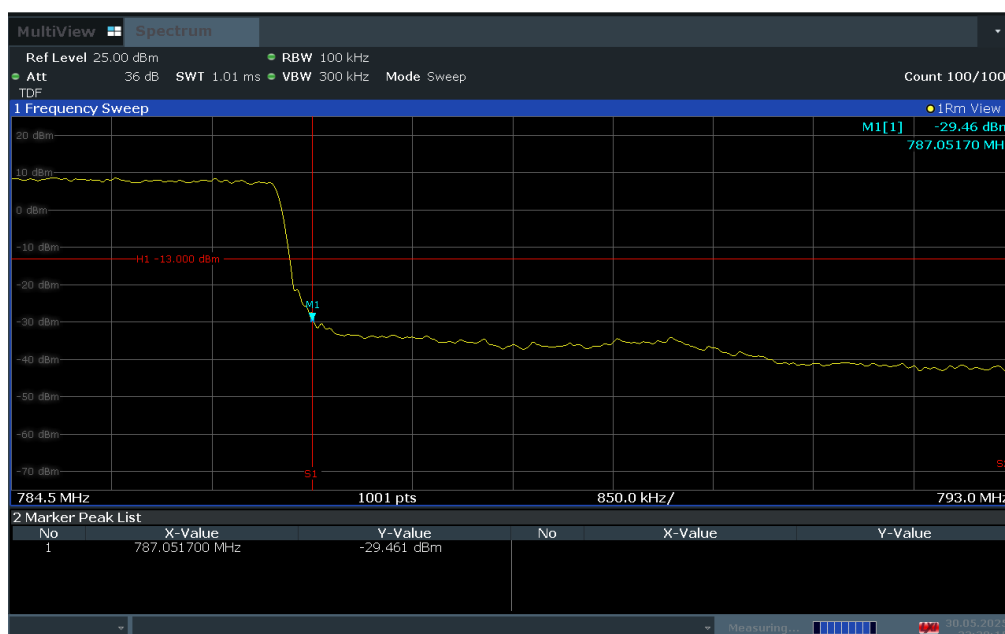
Plot 7-205. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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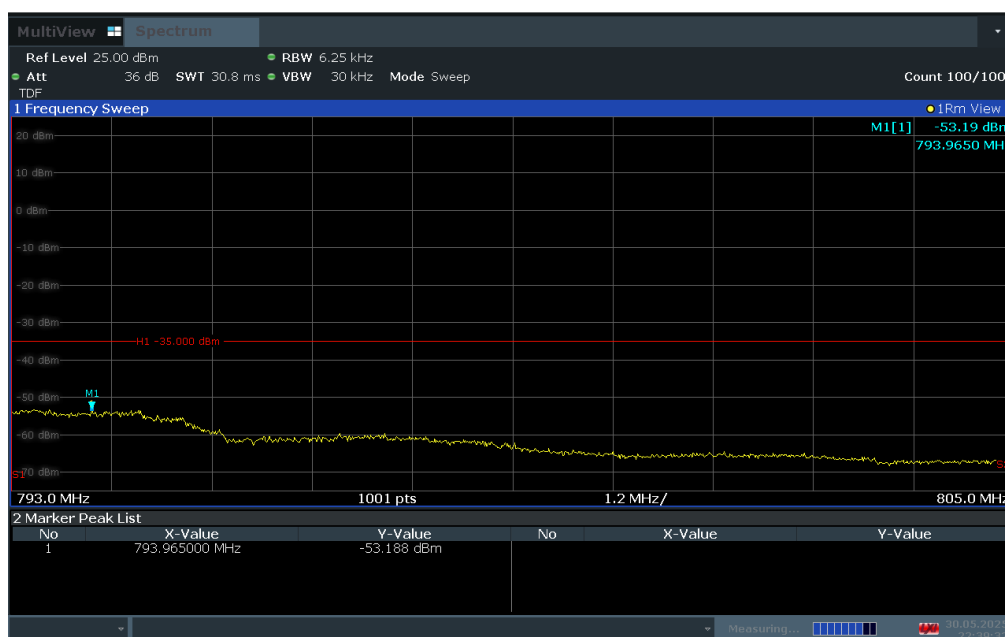
Peak



22:39:15 30.05.2025

Plot 7-206. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)

Peak



22:39:32 30.05.2025

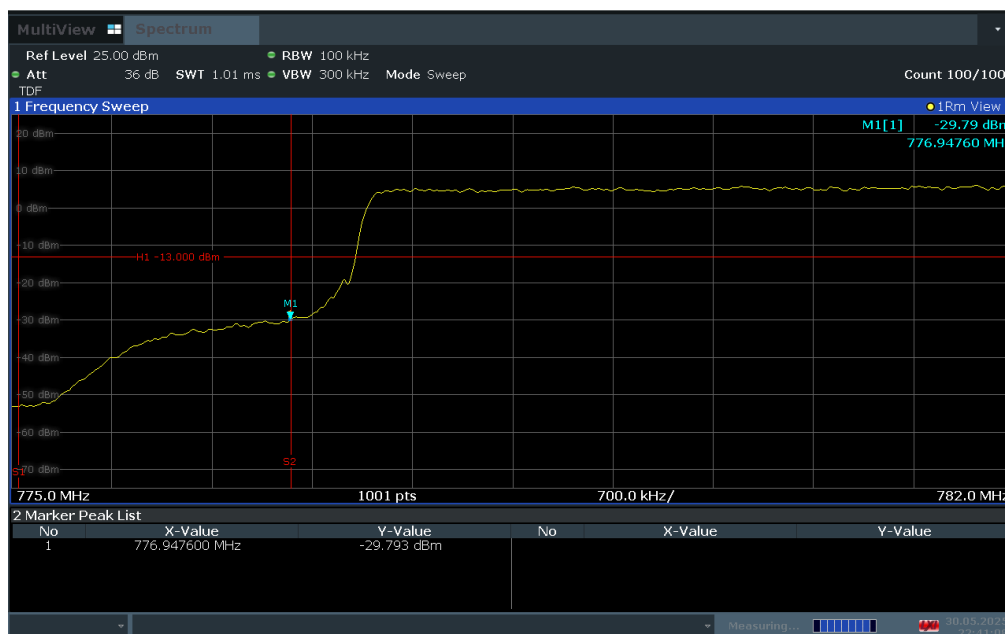
Plot 7-207. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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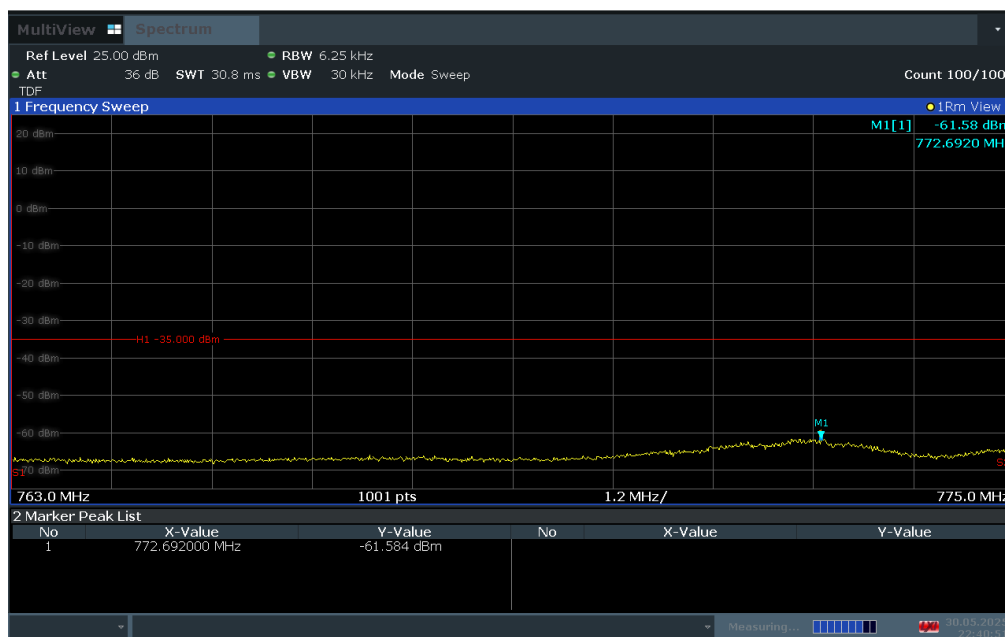
Peak



22:41:08 30.05.2025

Plot 7-208. Lower Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)

Peak



22:40:51 30.05.2025

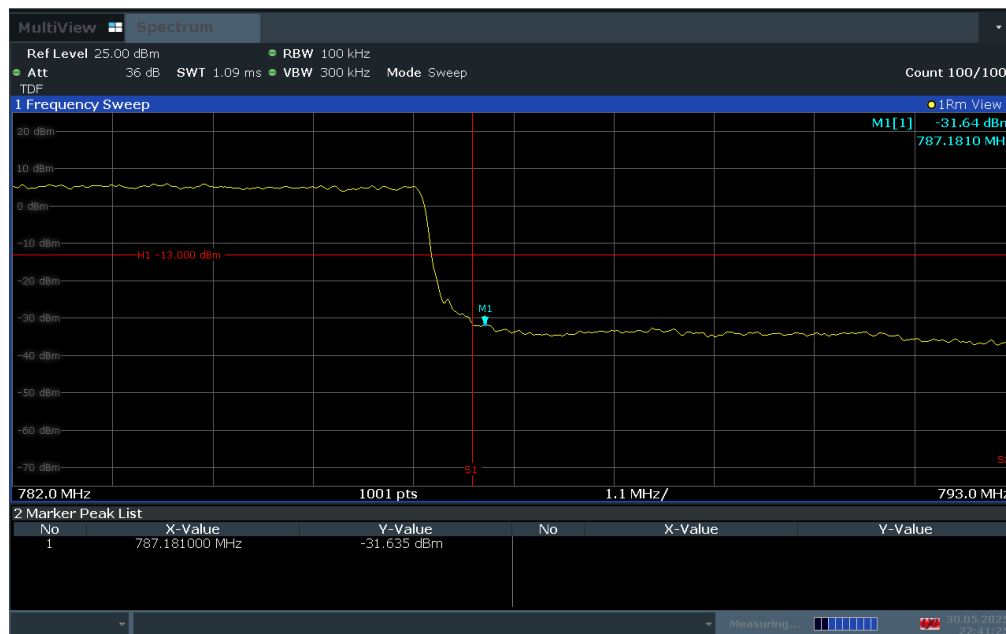
Plot 7-209. Lower Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 128 of 202

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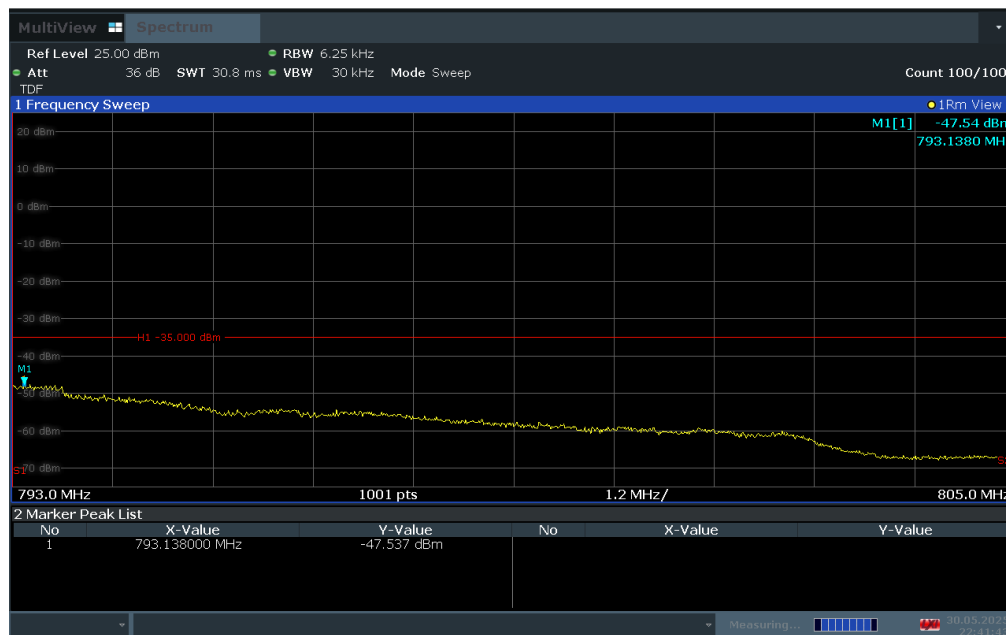
Peak



22:41:26 30.05.2025

Plot 7-210. Upper Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)

Peak



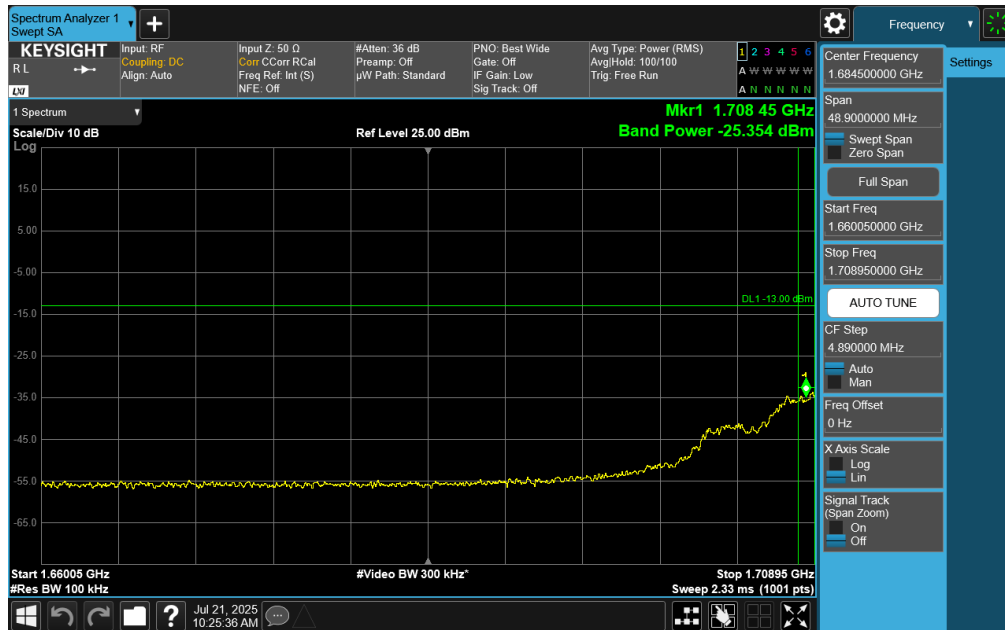
22:41:43 30.05.2025

Plot 7-211. Upper Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

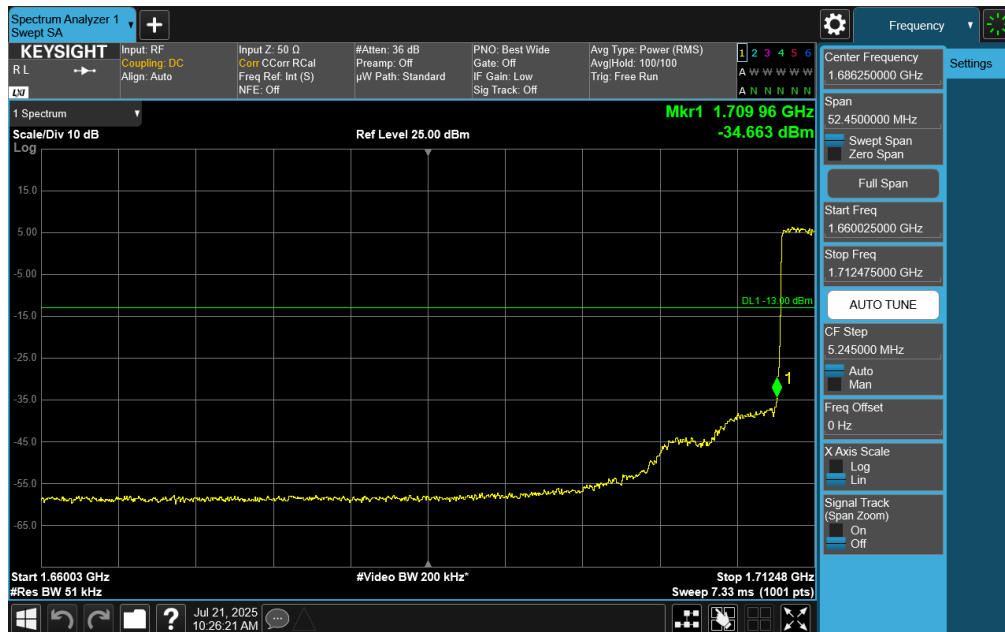
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 129 of 202

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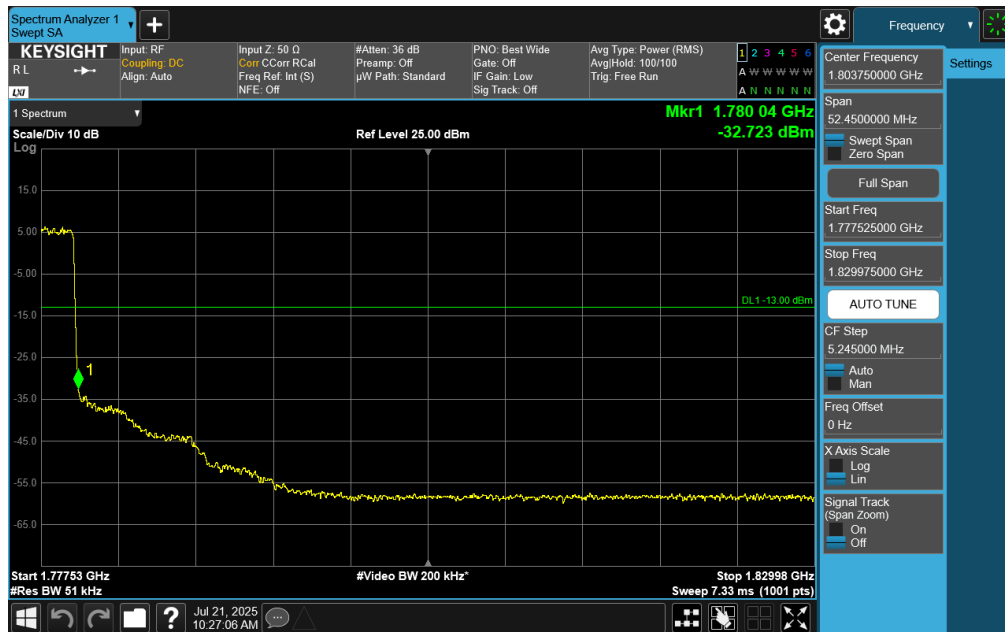


Plot 7-212. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

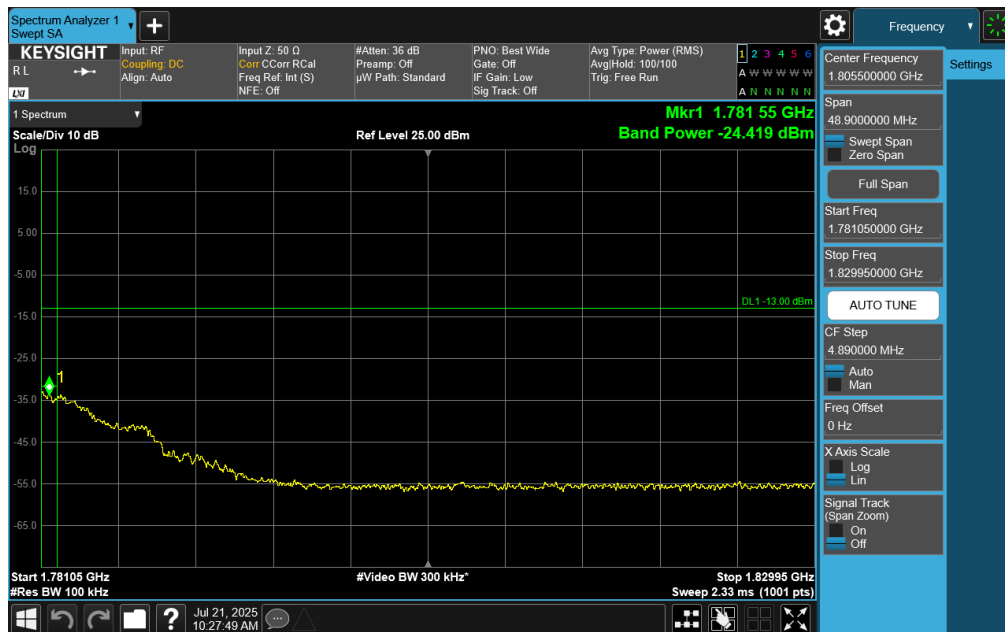


Plot 7-213. Lower Band Edge Plot (NR Band n66 – 5.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

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Plot 7-214. Upper Band Edge Plot (NR Band n66 – 5.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

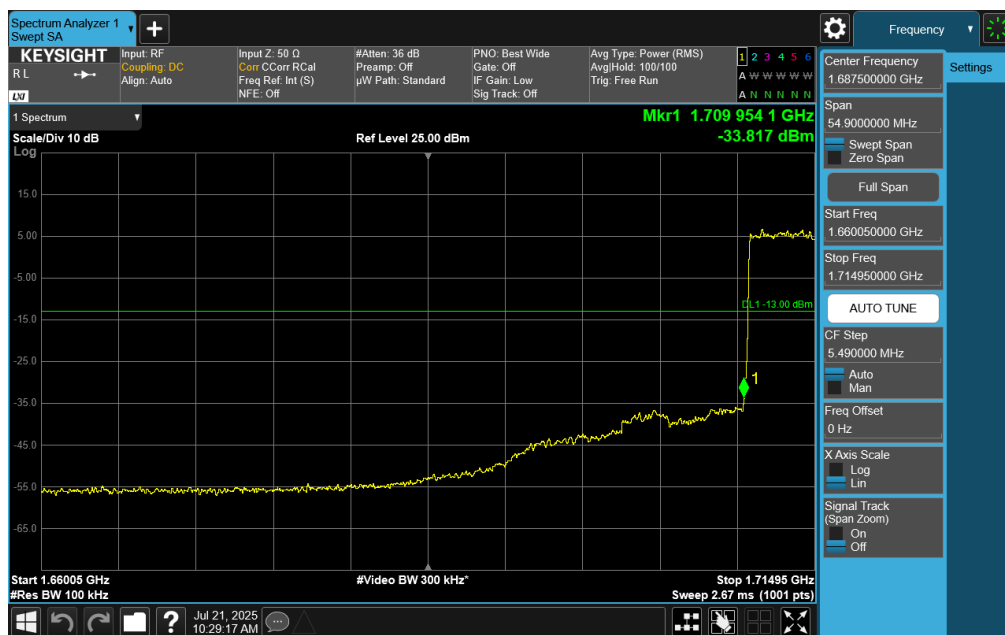
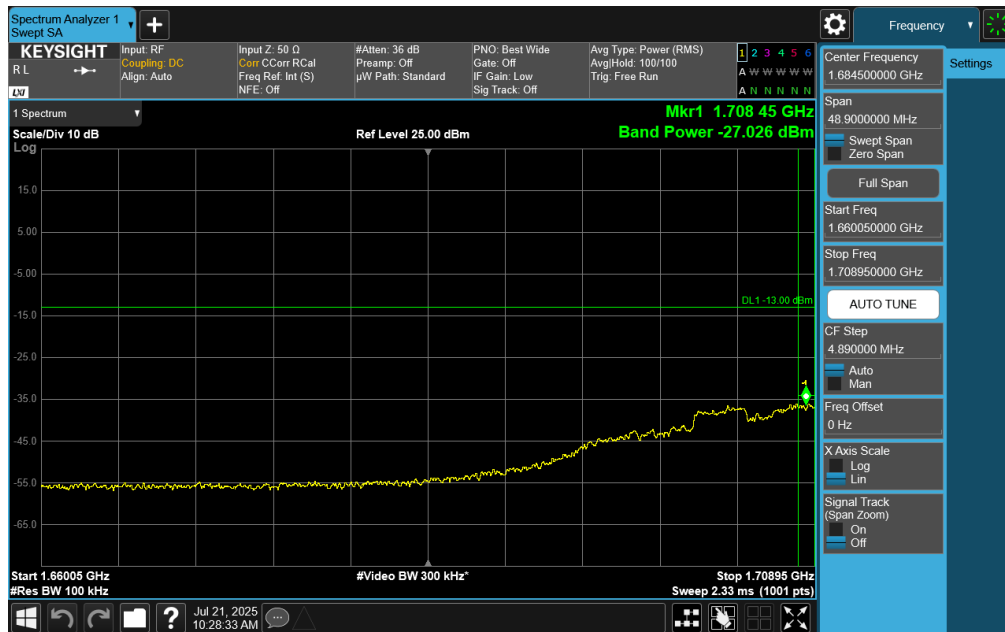


Plot 7-215. Upper Extended Band Edge Plot (NR Band n66 – 5.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

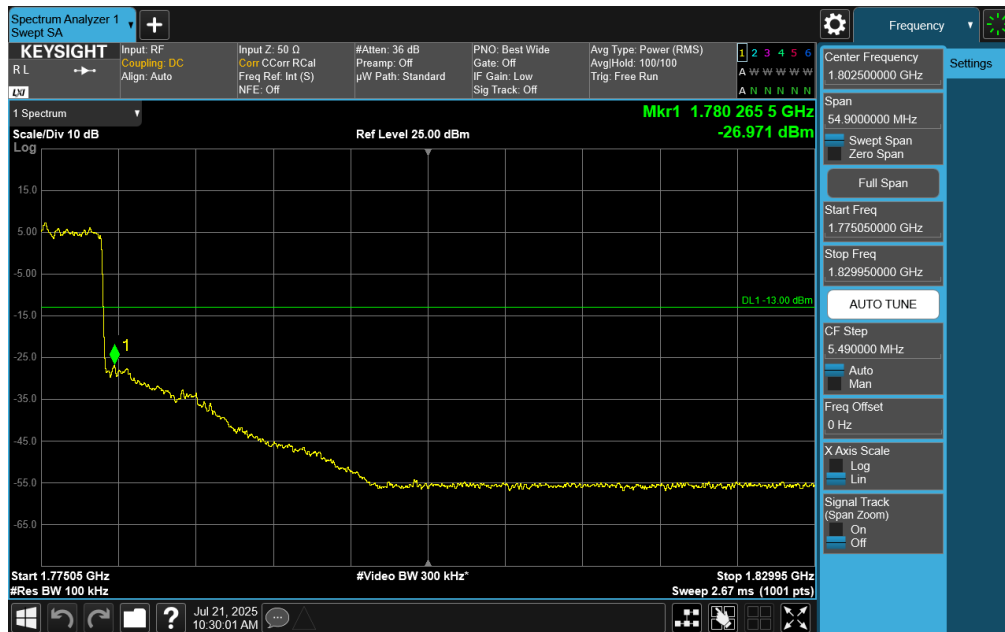
FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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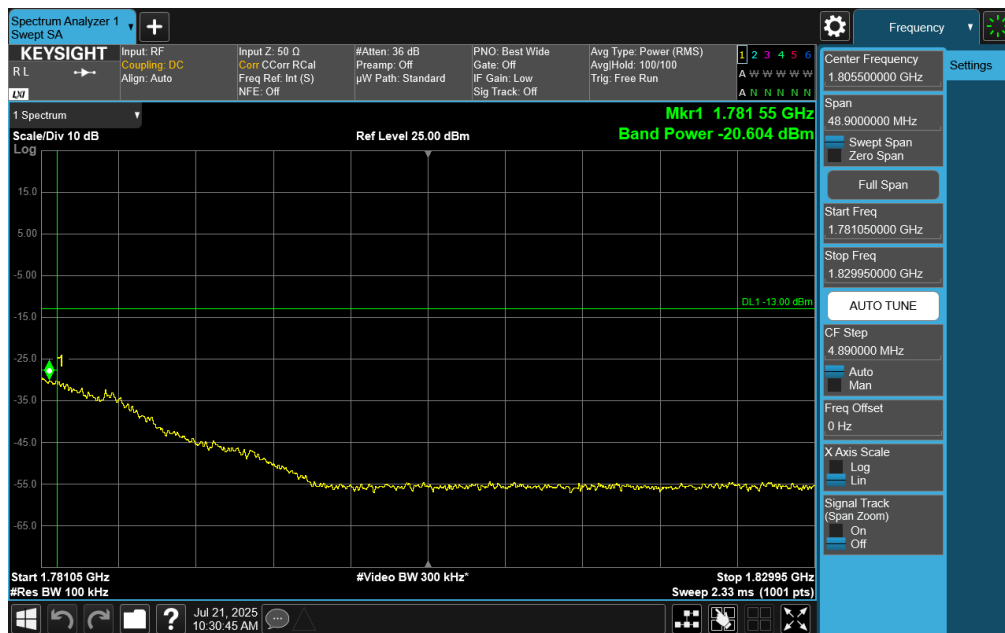
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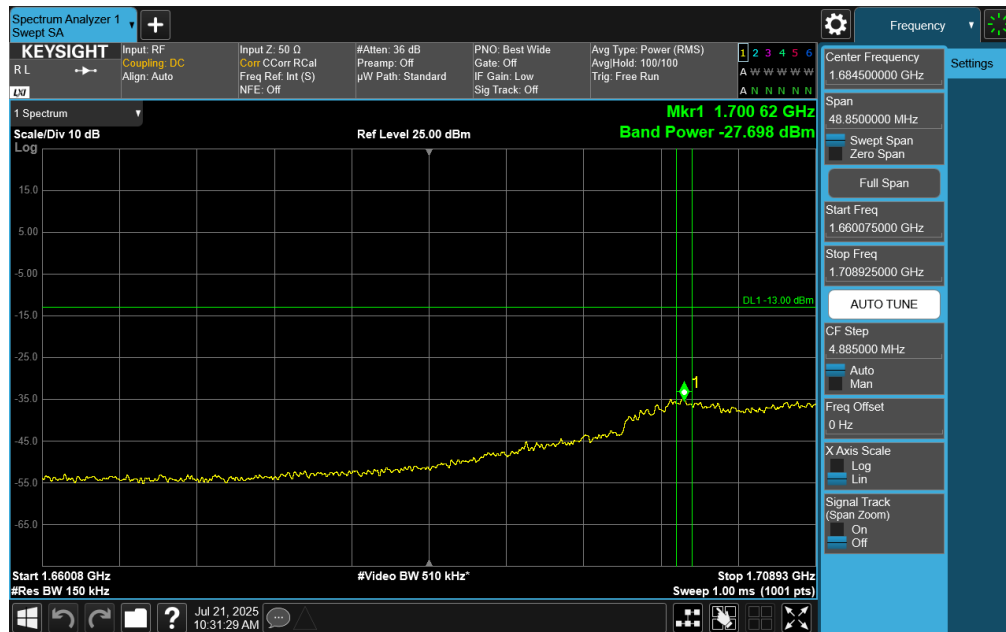
Plot 7-218. Upper Band Edge Plot (NR Band n66 – 10.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)



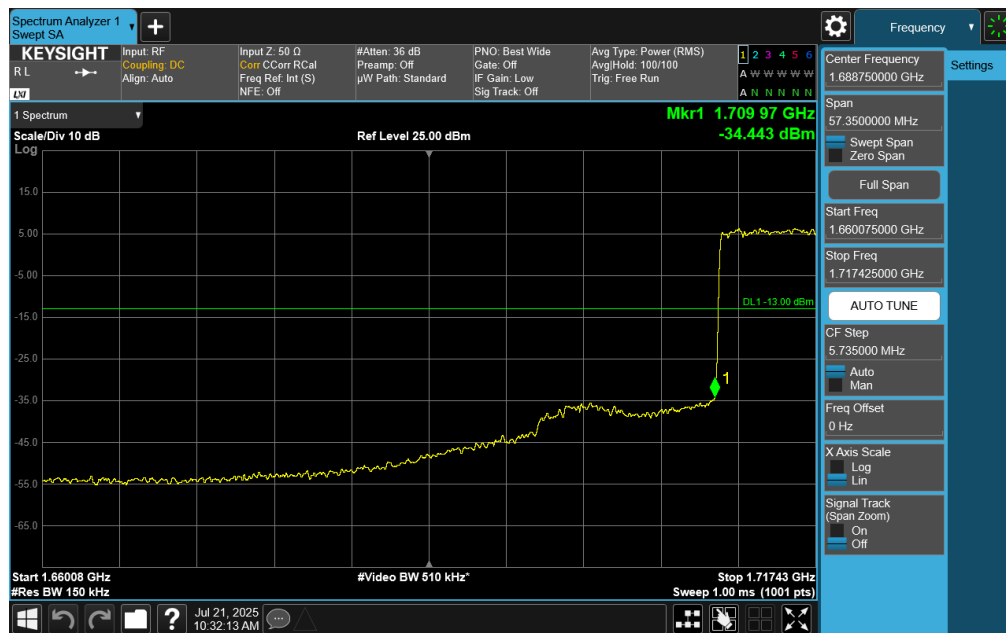
Plot 7-219. Upper Extended Band Edge Plot (NR Band n66 – 10.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

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Plot 7-220. Lower Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

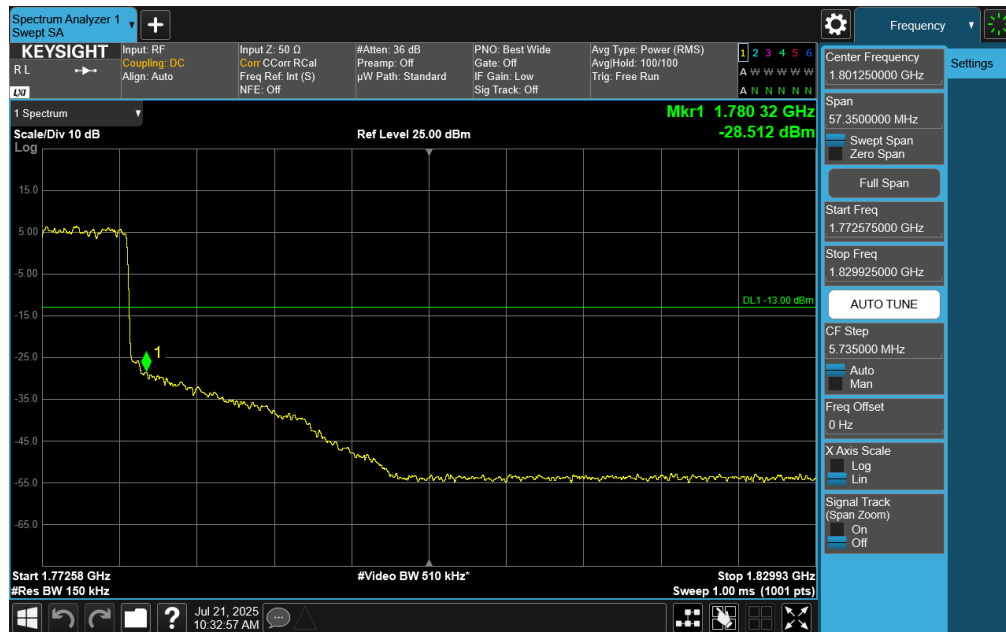


Plot 7-221. Lower Band Edge Plot (NR Band n66 – 15.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

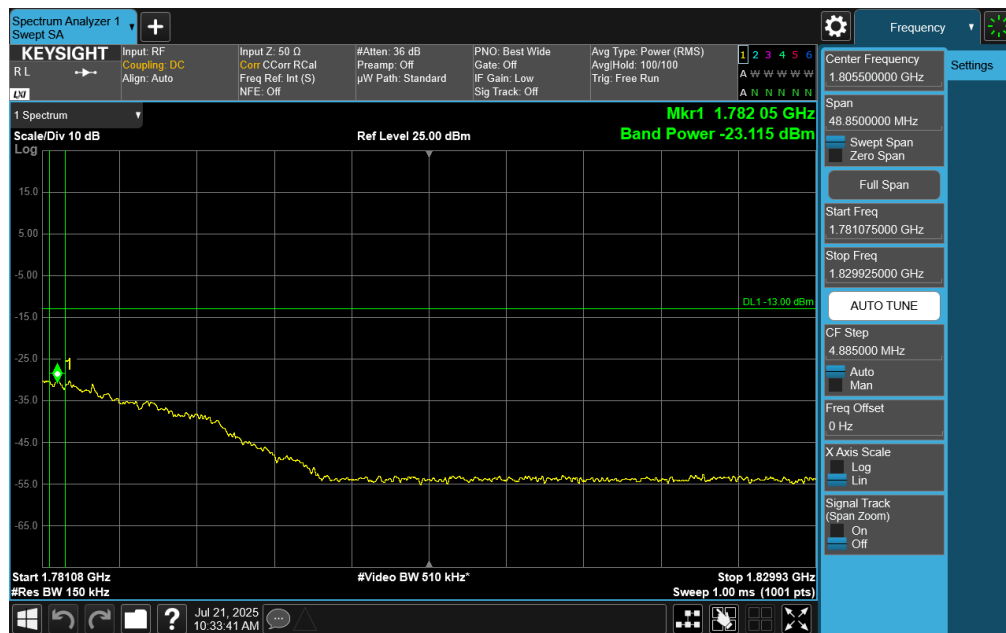
FCC ID: BCG-A3337	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-222. Upper Band Edge Plot (NR Band n66 – 15.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

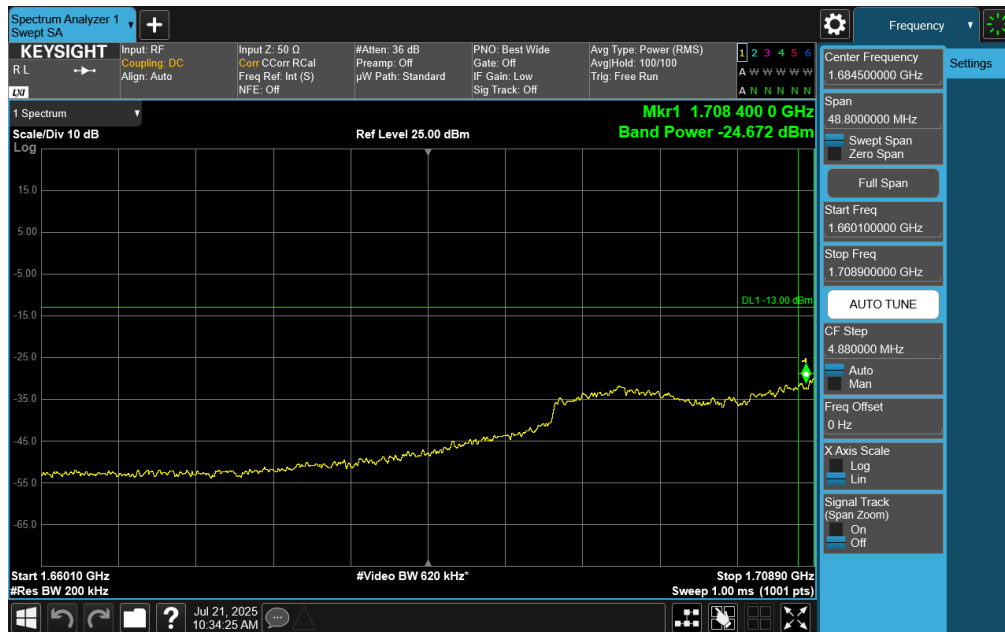


Plot 7-223. Upper Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

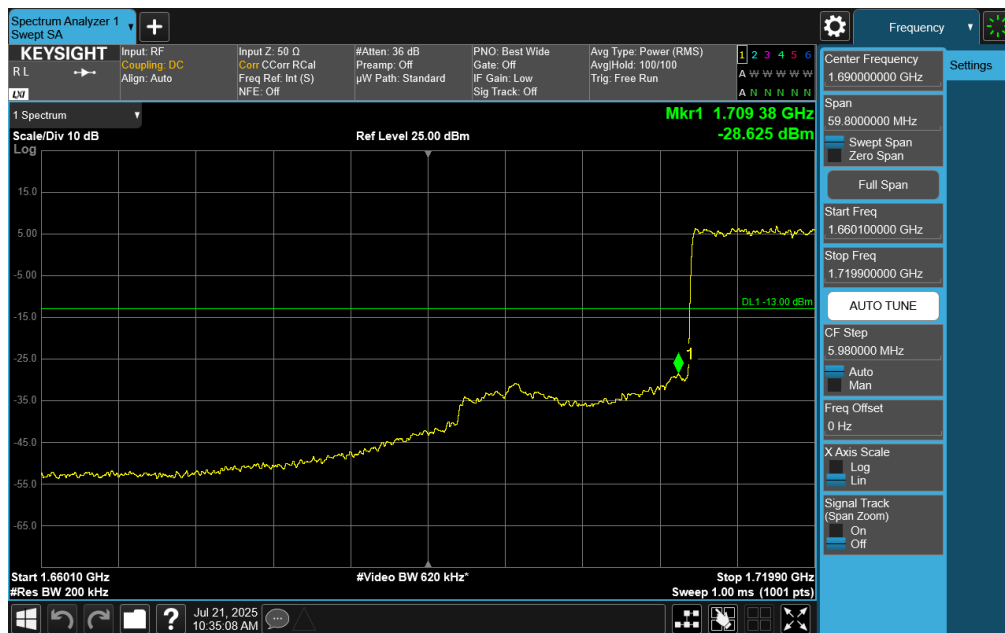
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-224. Lower Extended Band Edge Plot (NR Band n66 – 20.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

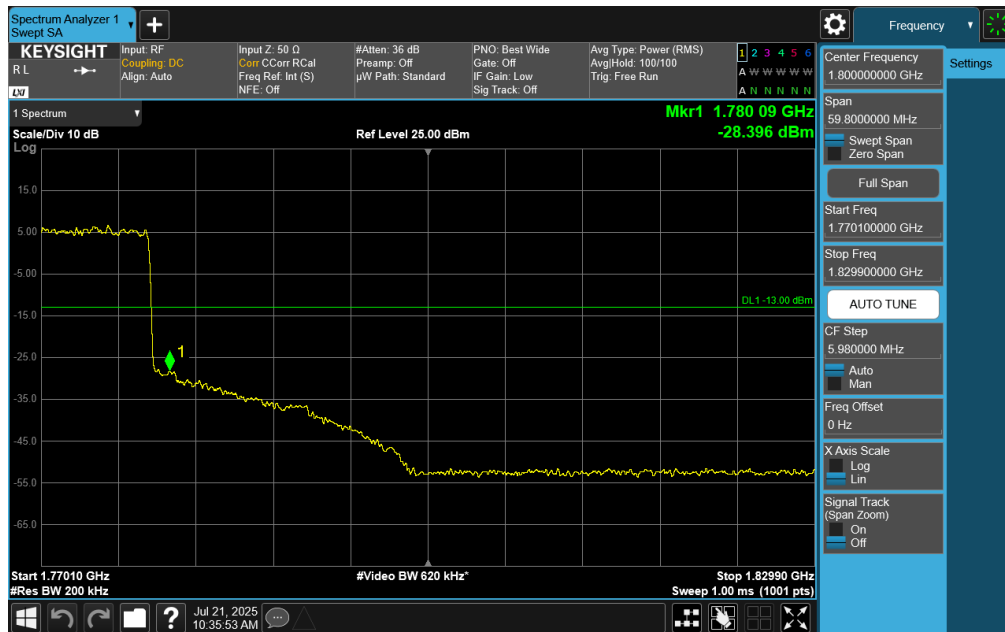


Plot 7-225. Lower Band Edge Plot (NR Band n66 – 20.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

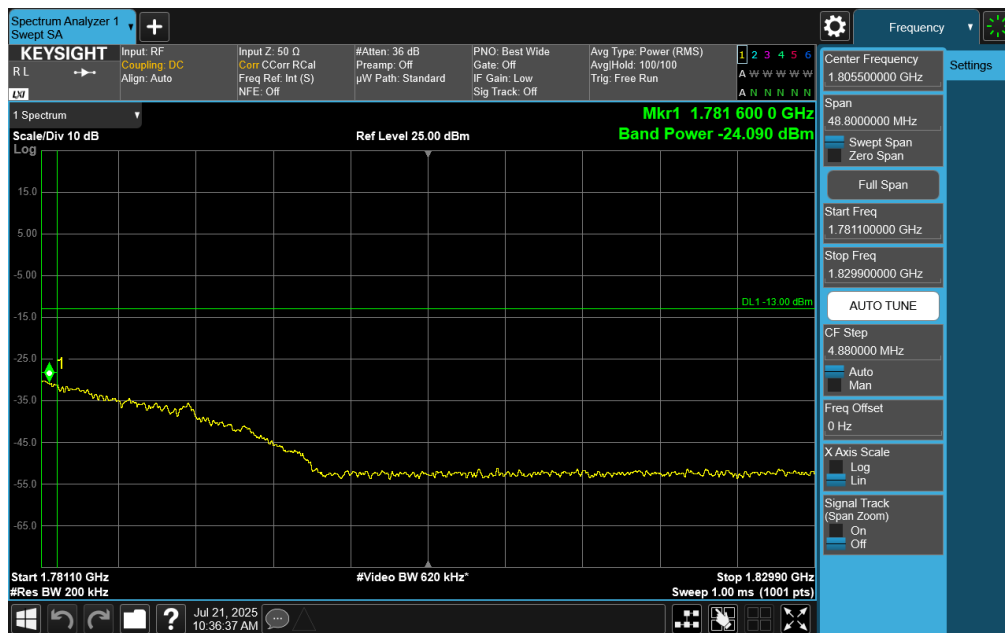
FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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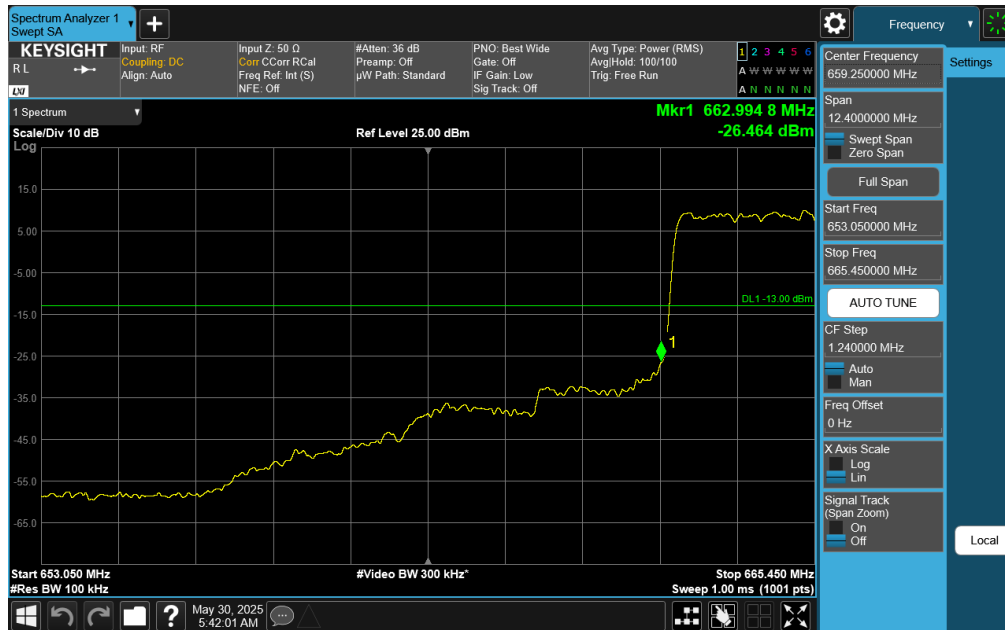
Plot 7-226. Upper Band Edge Plot (NR Band n66 – 20.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)



Plot 7-227. Upper Extended Band Edge Plot (NR Band n66 – 20.0MHz DFT-OFDM $\pi/2$ QPSK - Full RB)

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NR Band n71



Plot 7-228. Lower Band Edge Plot (NR Band n71 – 5.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

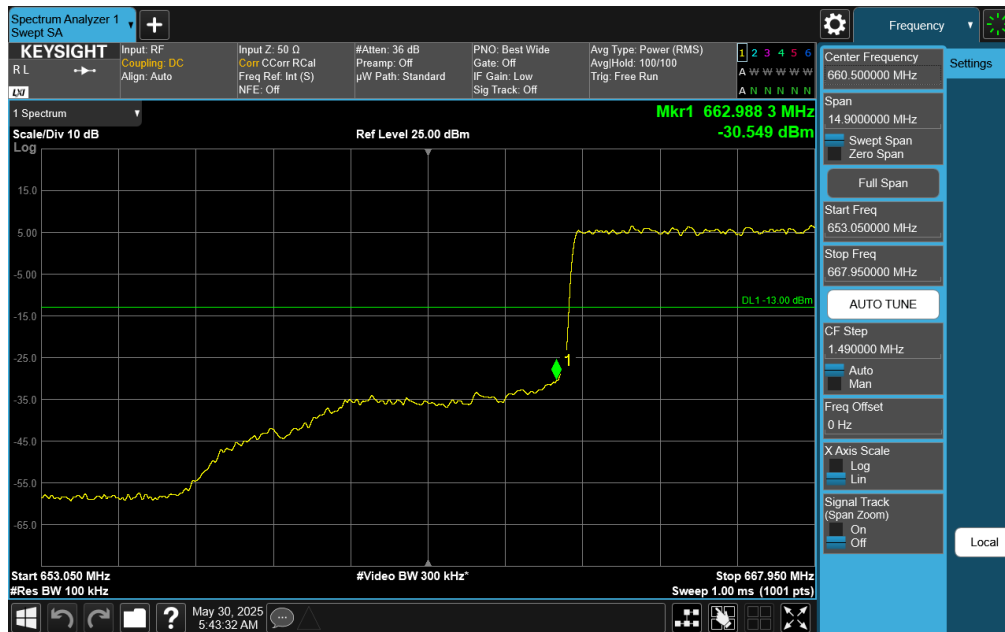


Plot 7-229. Upper Band Edge Plot (NR Band n71 – 5.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

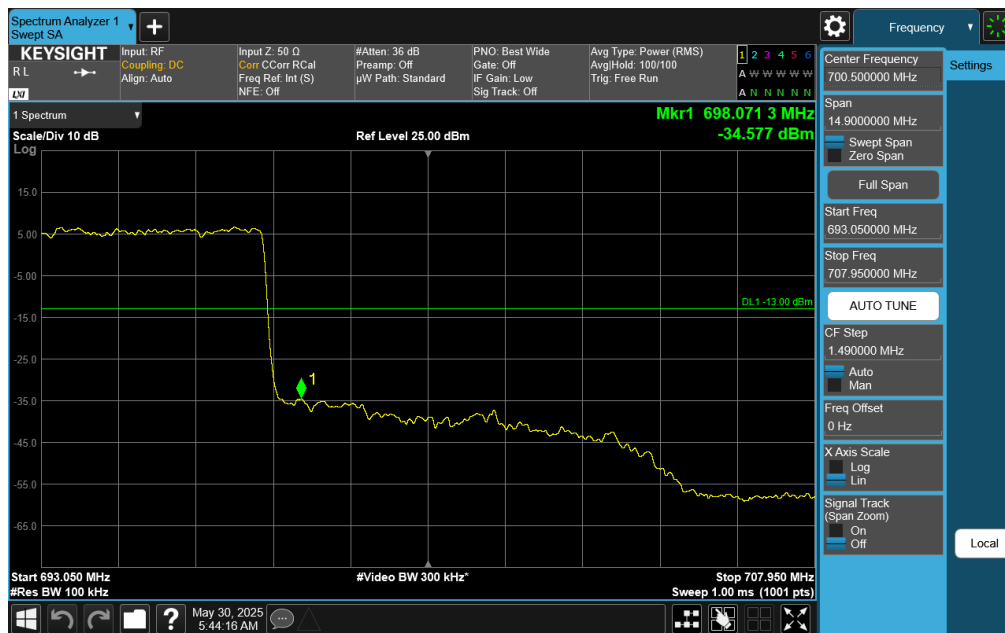
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-230. Lower Band Edge Plot (NR Band n71 – 10.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

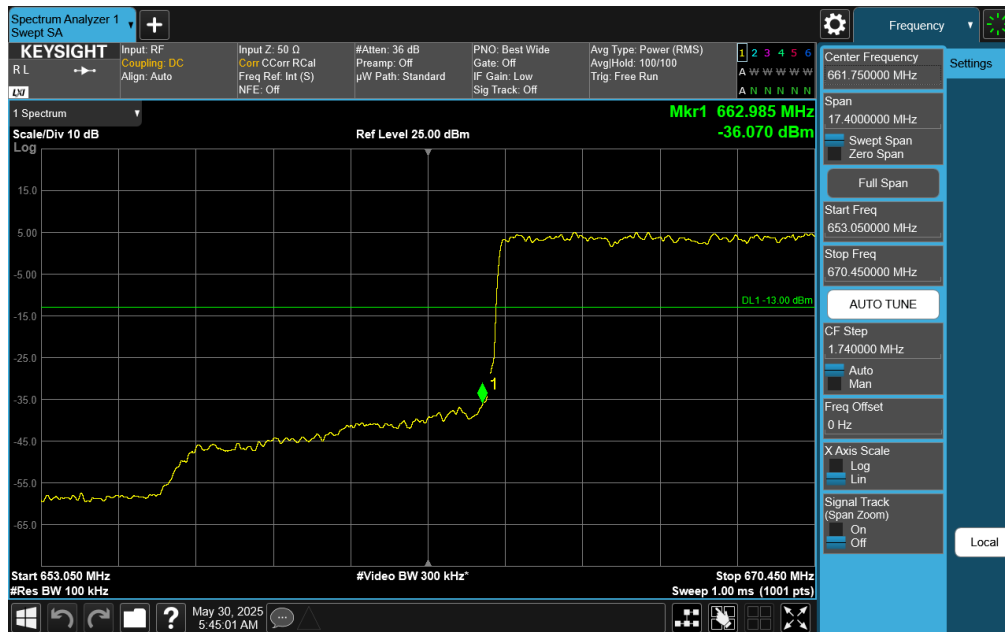


Plot 7-231. Upper Band Edge Plot (NR Band n71 – 10.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

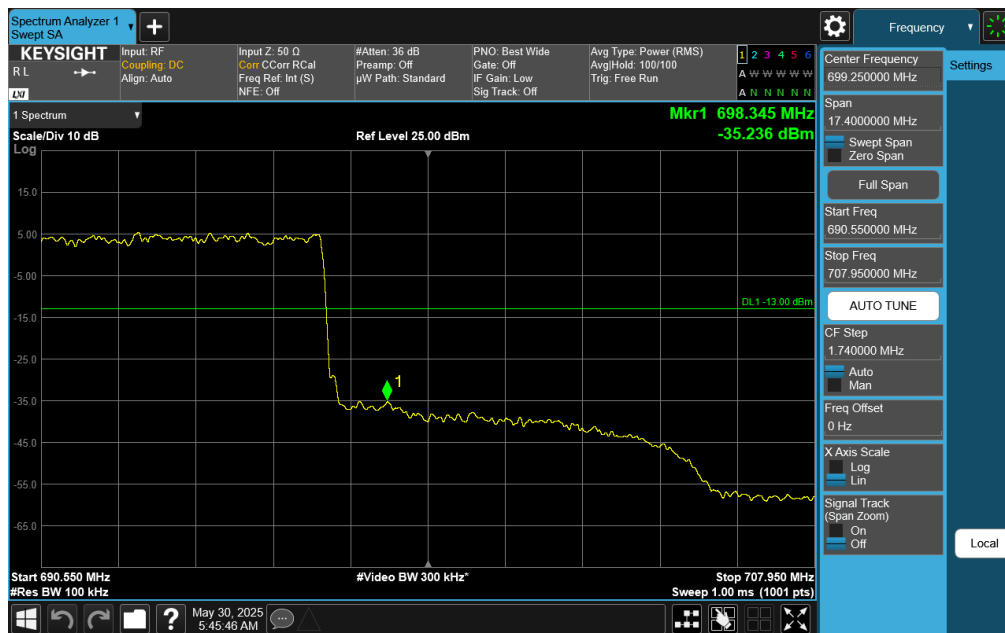
FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-232. Lower Band Edge Plot (NR Band n71 – 15.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

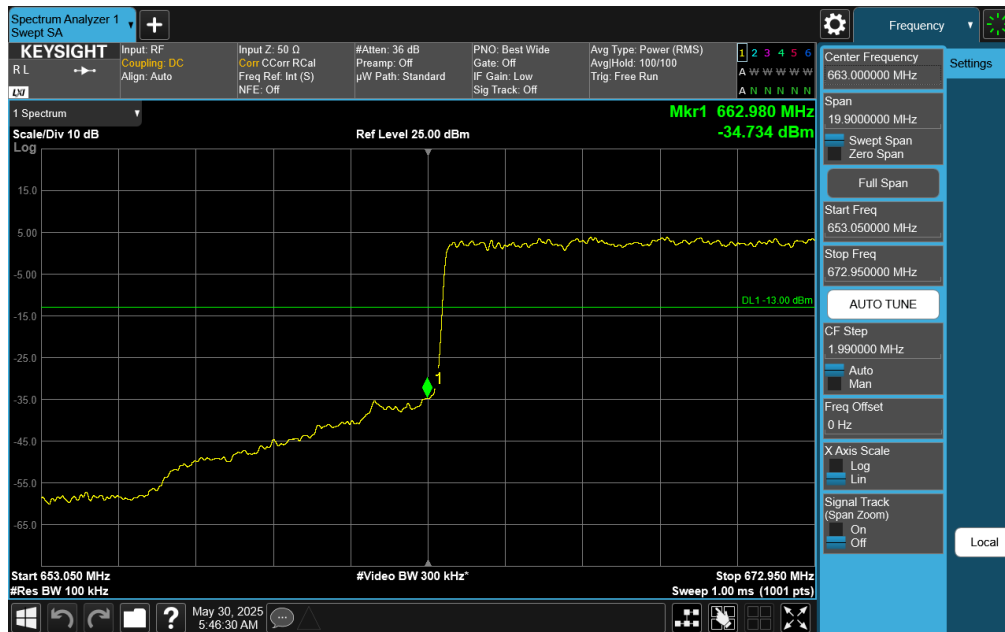


Plot 7-233. Upper Band Edge Plot (NR Band n71 – 15.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

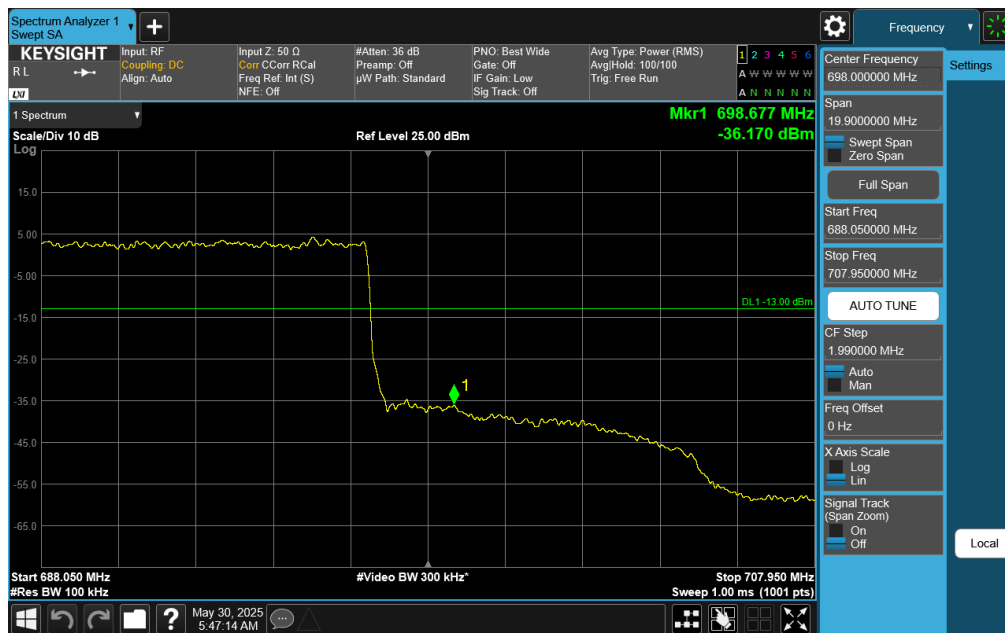
FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-234. Lower Band Edge Plot (NR Band n71 – 20.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)



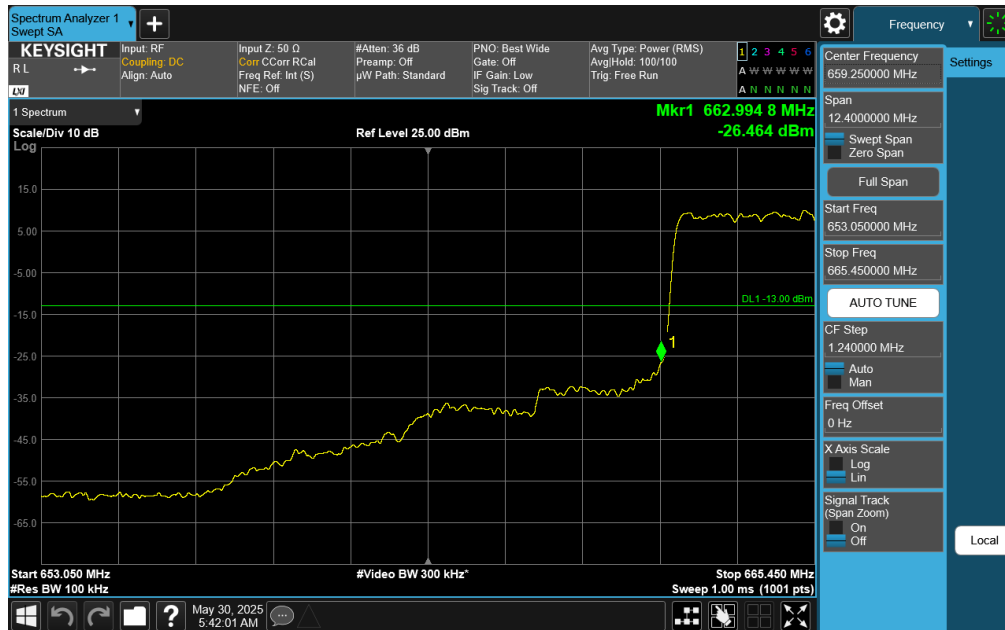
Plot 7-235. Upper Band Edge Plot (NR Band n71 – 20.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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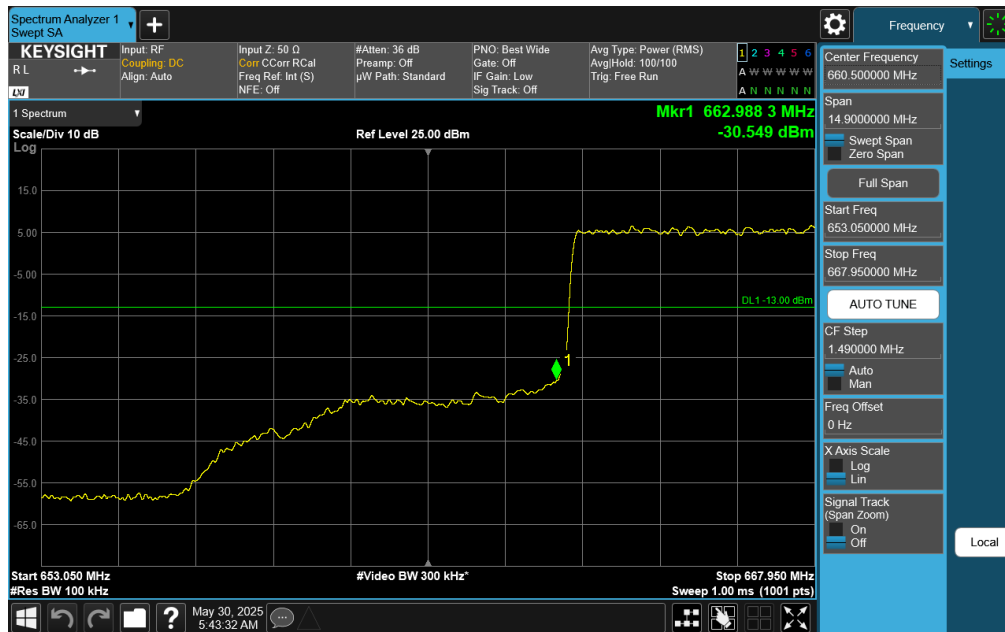
NR Band n12



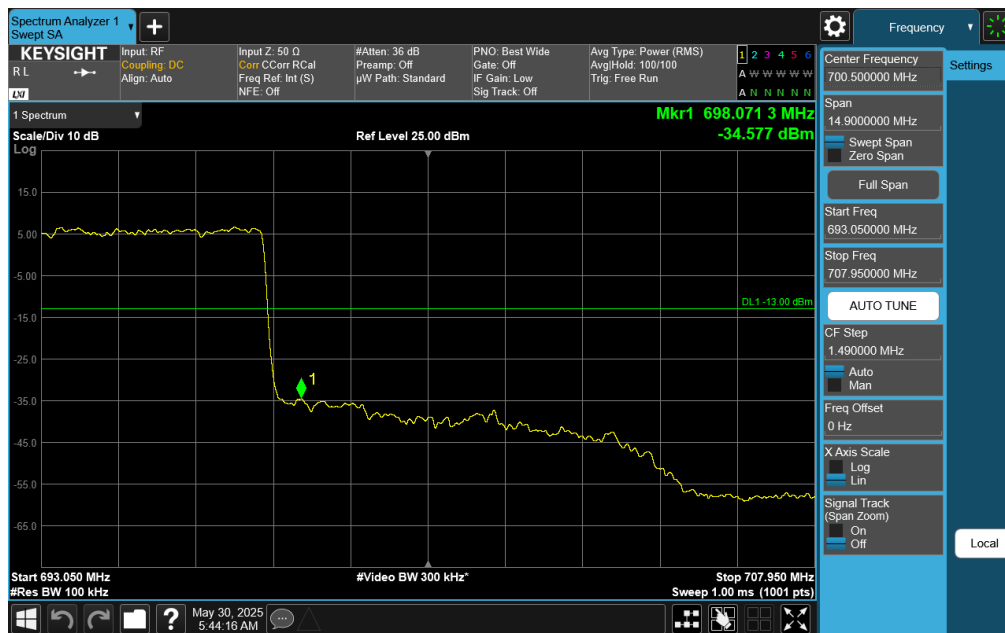
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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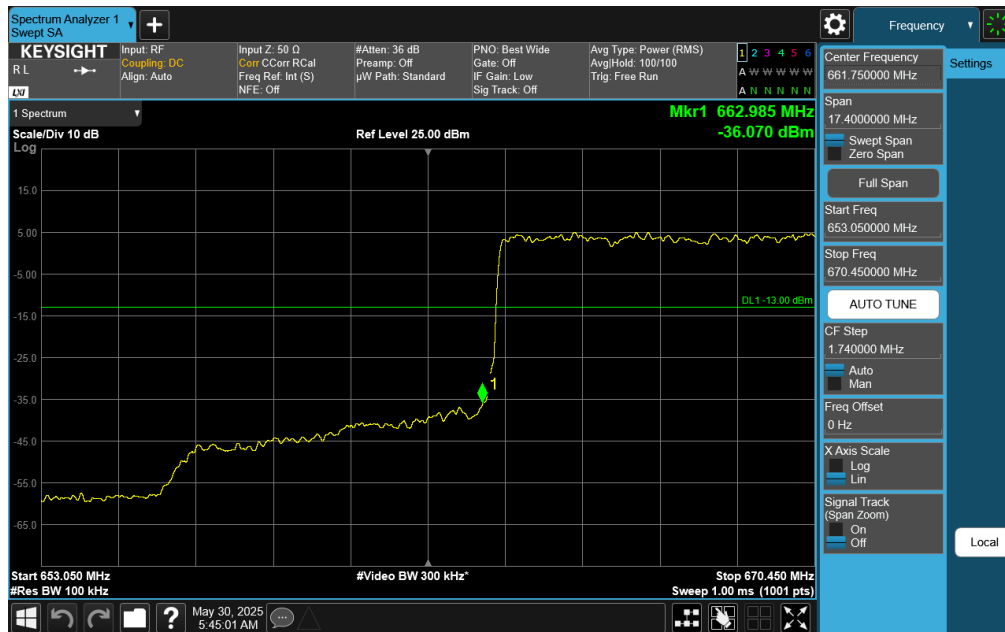
Plot 7-238. Lower Band Edge Plot (NR Band n12 – 10.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)



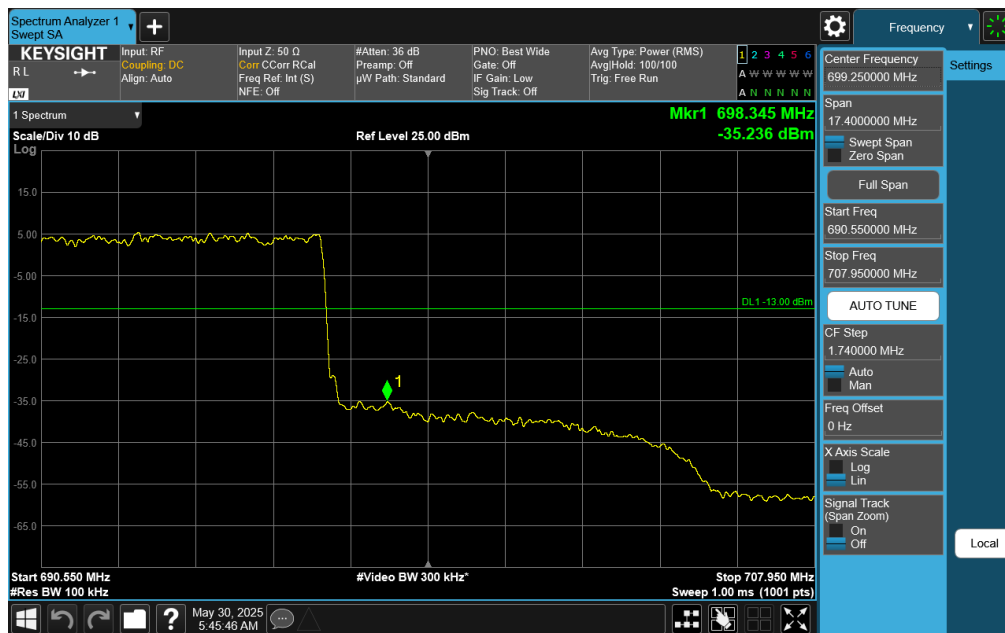
Plot 7-239. Upper Band Edge Plot (NR Band n12 – 10.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

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Plot 7-240. Lower Band Edge Plot (NR Band n12 – 15.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)



Plot 7-241. Upper Band Edge Plot (NR Band n12 – 15.0MHz DFT-OFDM $\pi/2$ BPSK - Full RB)

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7.5 Peak-Average Ratio

§27.50(d)(5)

Test Overview

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.

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

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Test Setup

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

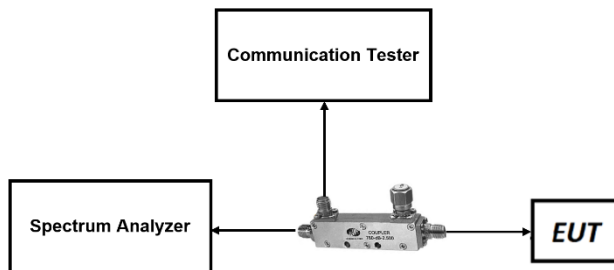


Figure 7-7. LTE Test Instrument & Measurement Setup

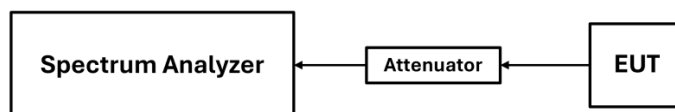


Figure 7-8. FR1 Test Instrument & Measurement Setup

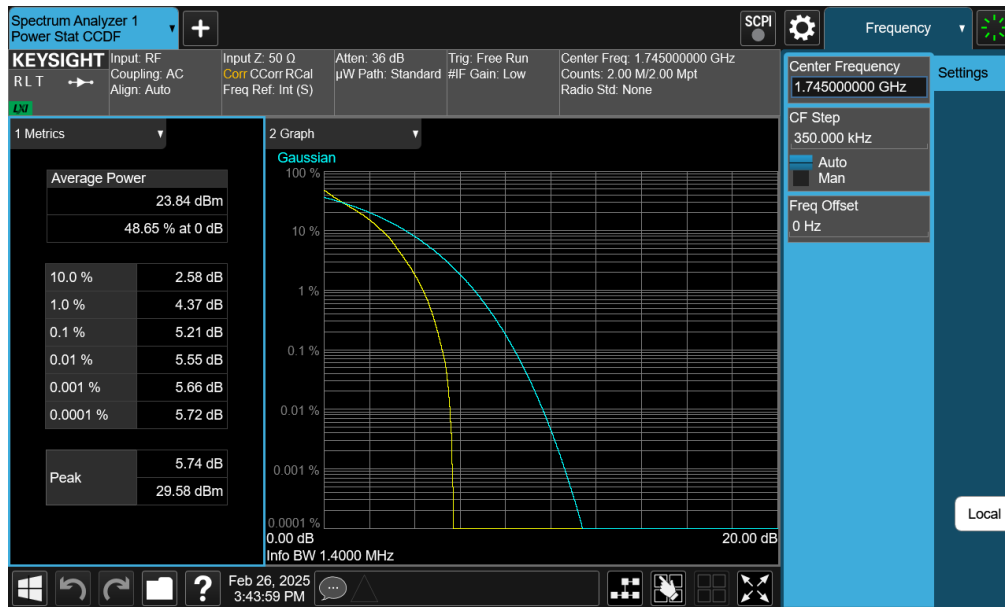
Test Notes

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.

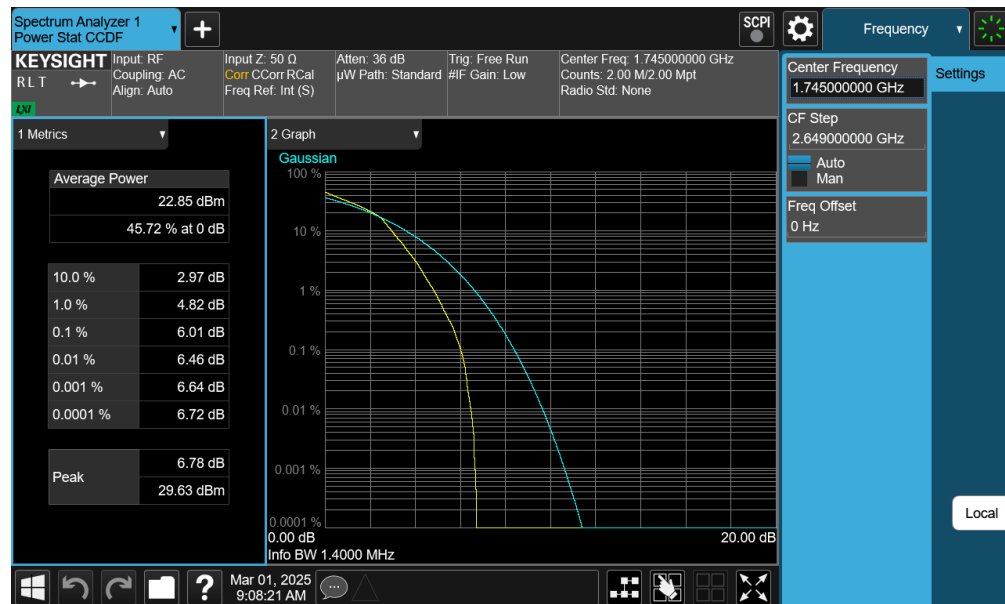
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LTE Band 66



Plot 7-242. PAR Plot (LTE Band 66 - 1.4MHz QPSK - Full RB)

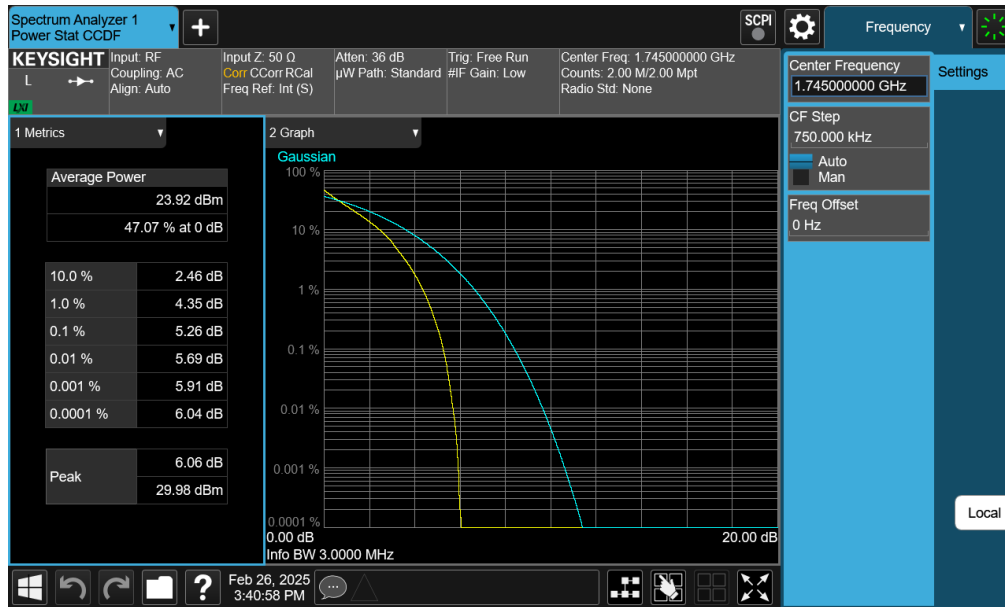


Plot 7-243. PAR Plot (LTE Band 66 - 1.4MHz 16-QAM - Full RB)

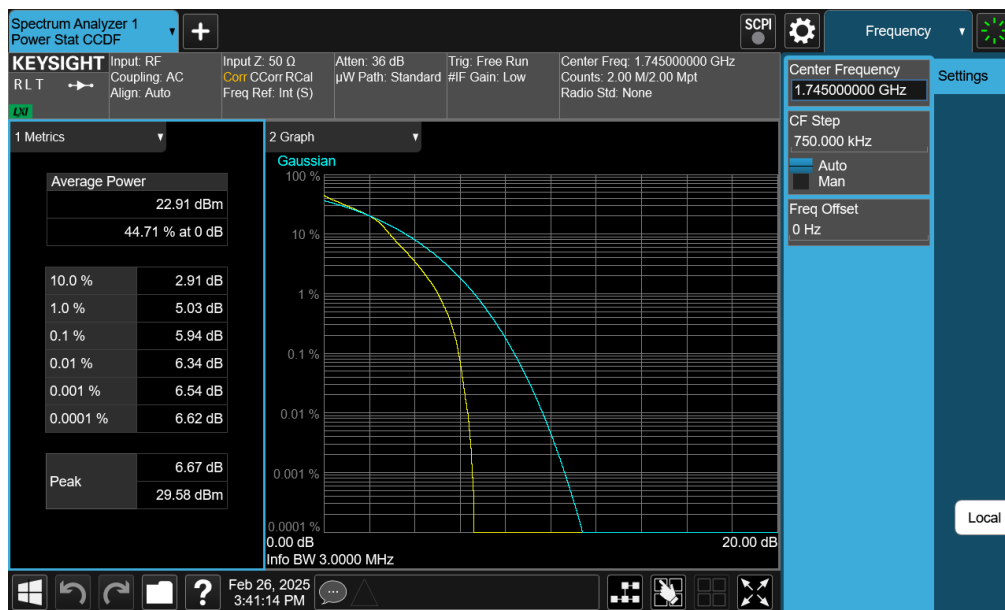
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-244. PAR Plot (LTE Band 66 - 3MHz QPSK - Full RB)

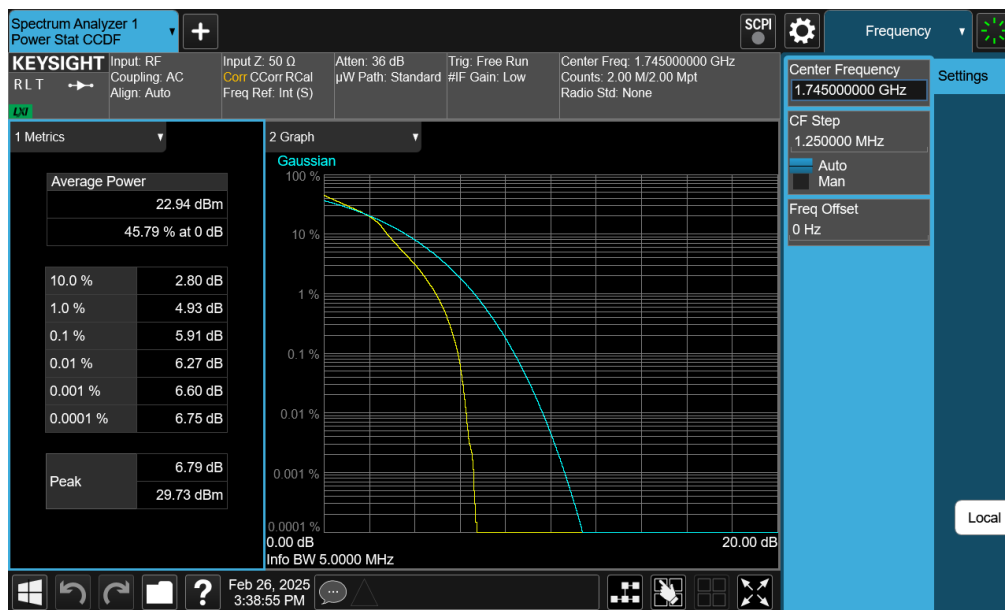
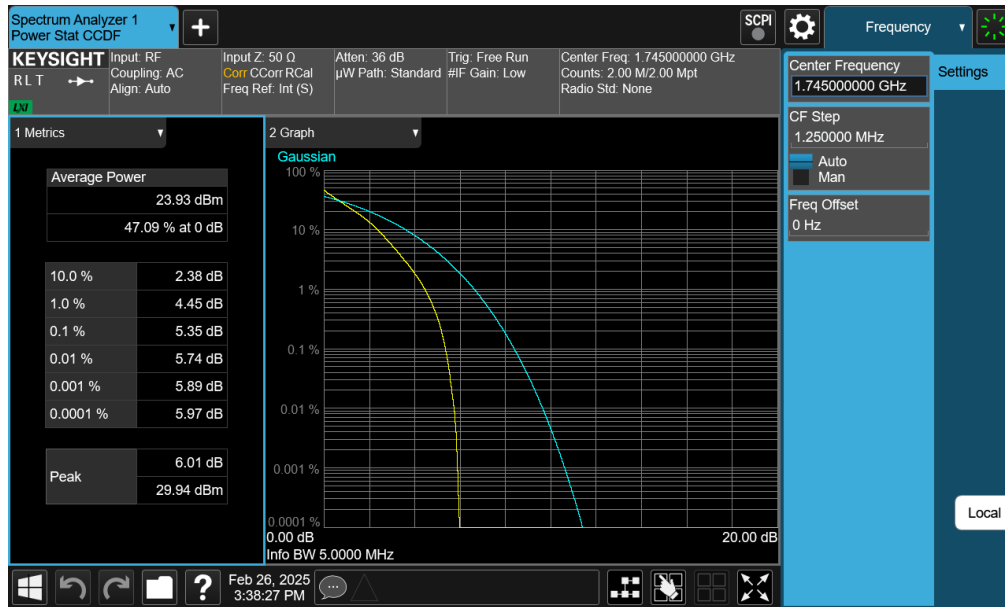


Plot 7-245. PAR Plot (LTE Band 66 - 3MHz 16-QAM - Full RB)

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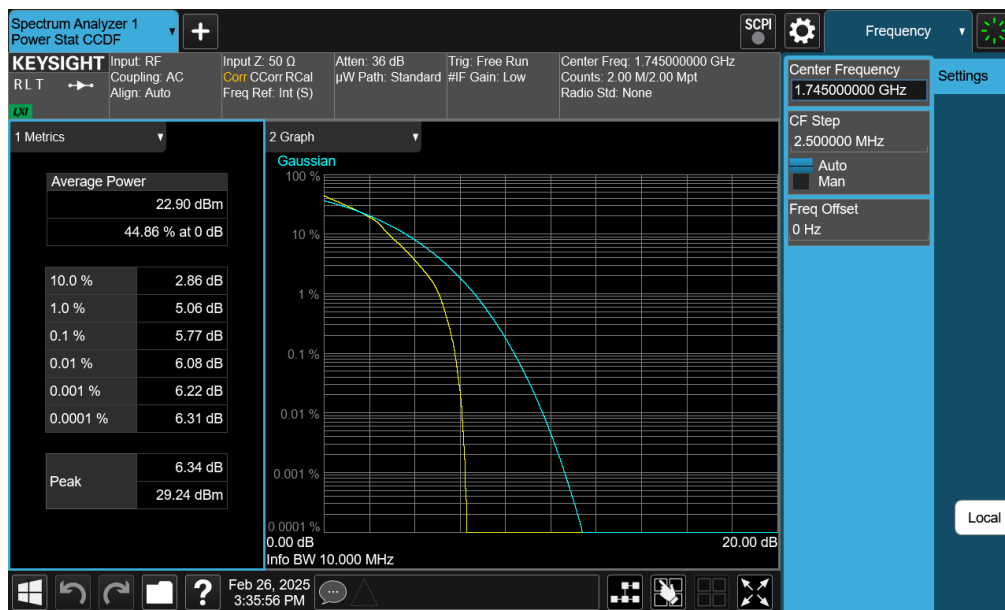
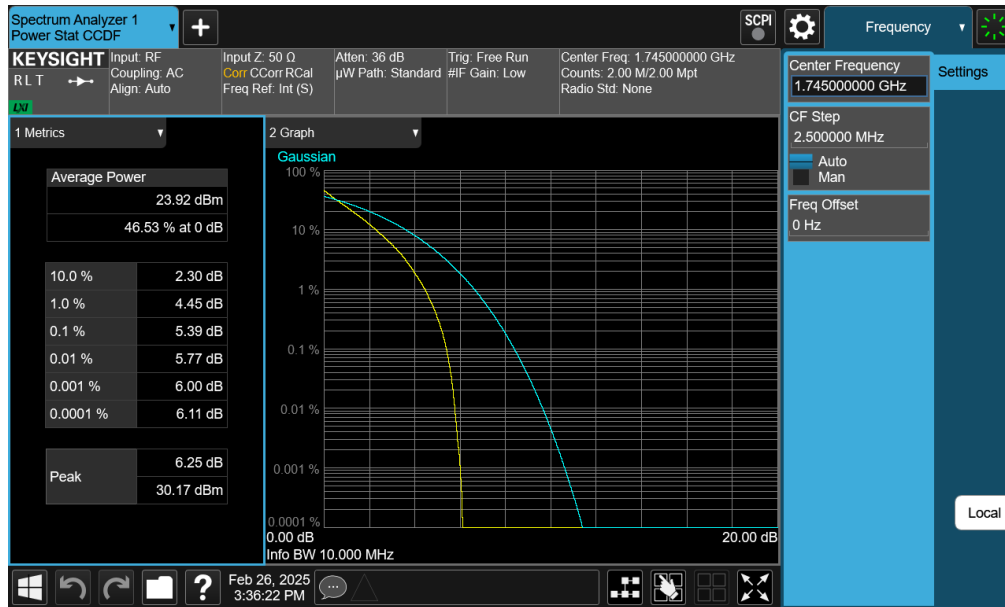
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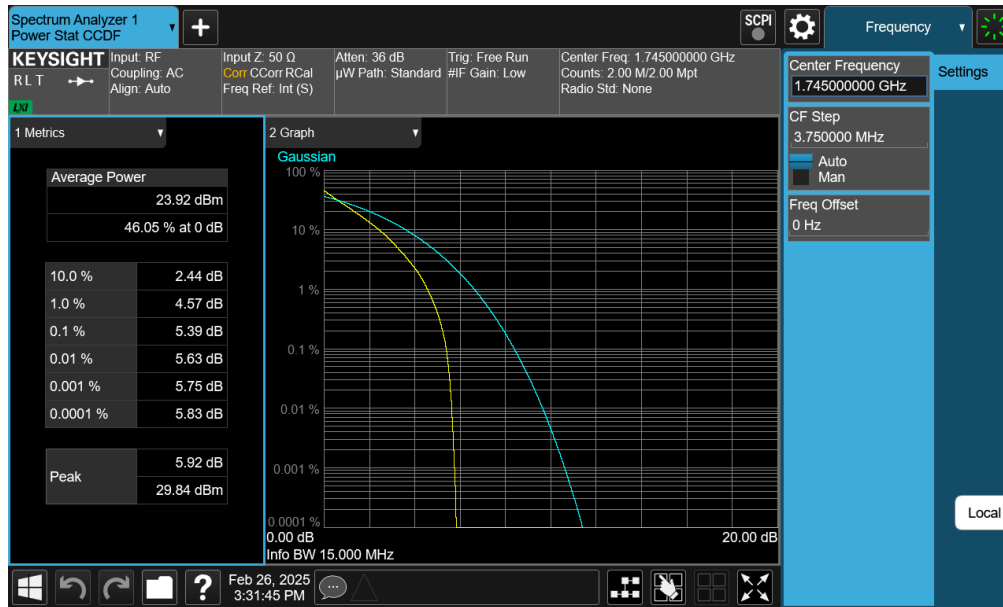
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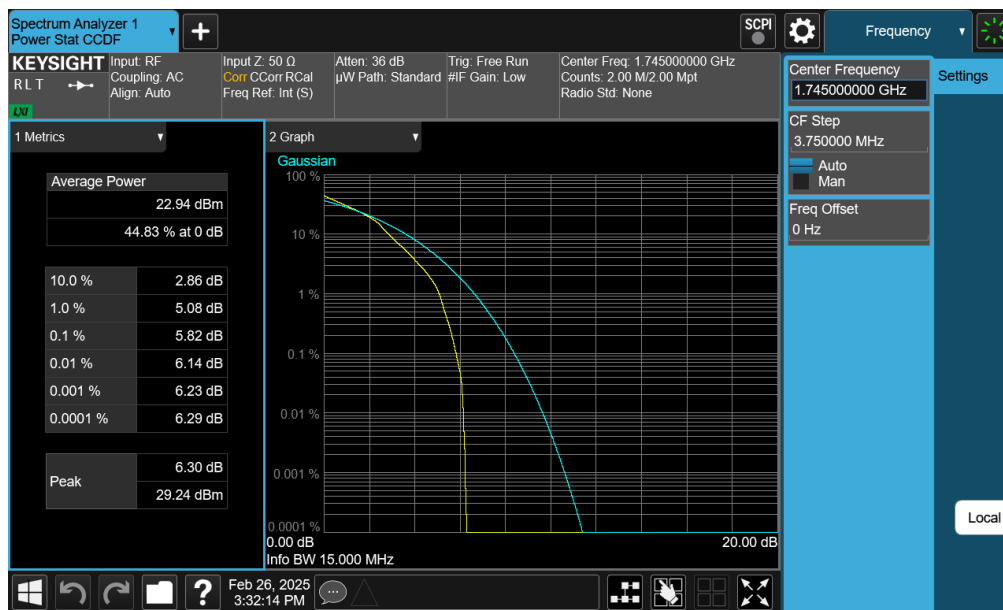
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-250. PAR Plot (LTE Band 66 - 15MHz QPSK - Full RB)

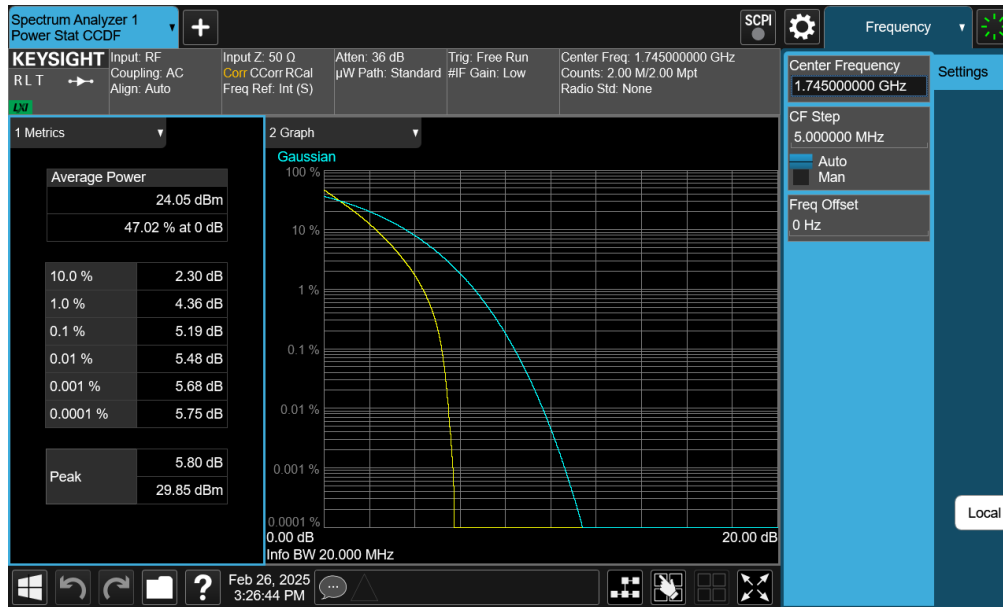


Plot 7-251. PAR Plot (LTE Band 66 - 15MHz 16-QAM - Full RB)

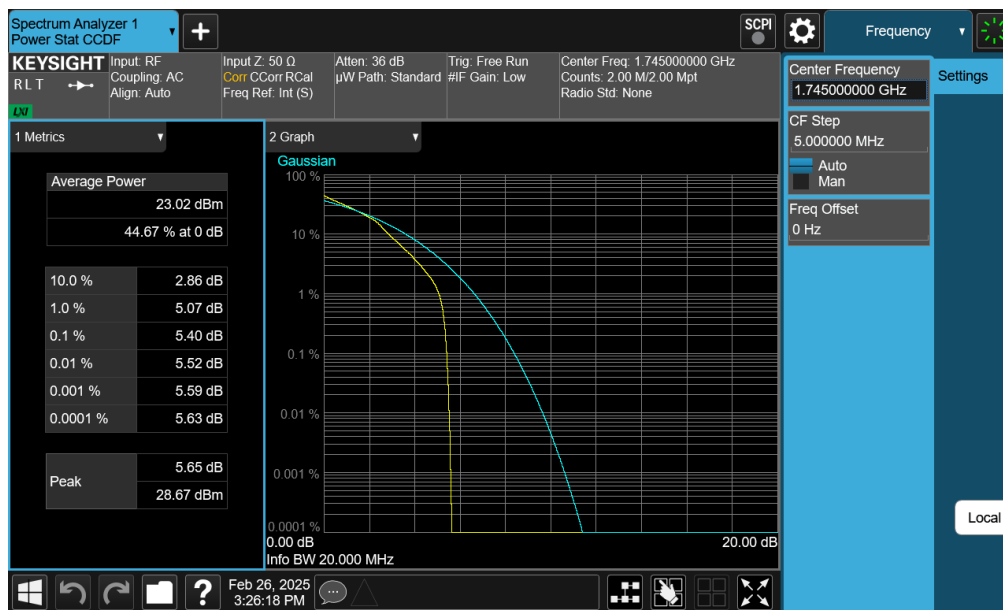
FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-252. PAR Plot (LTE Band 66 - 20MHz QPSK - Full RB)



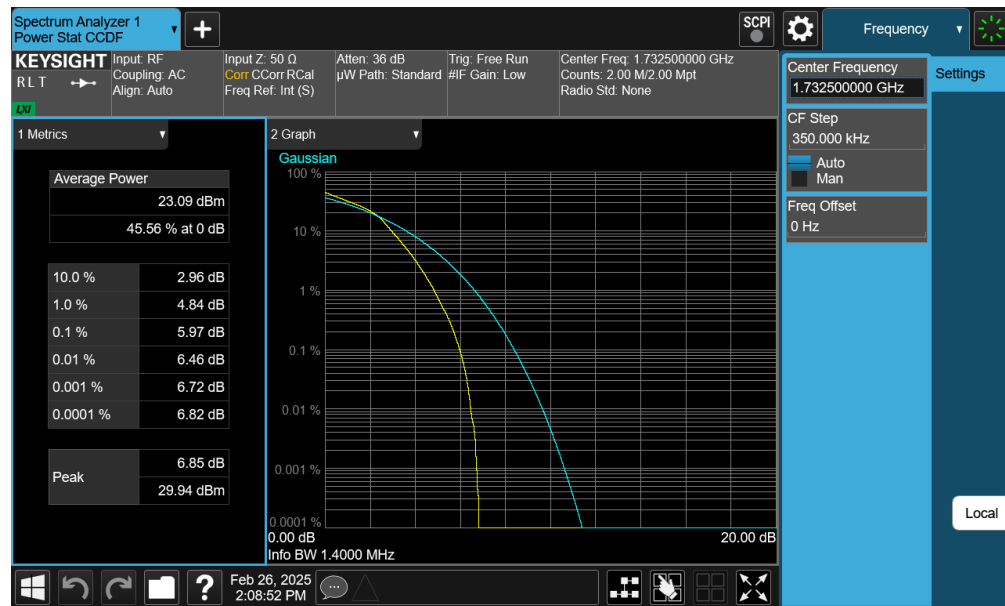
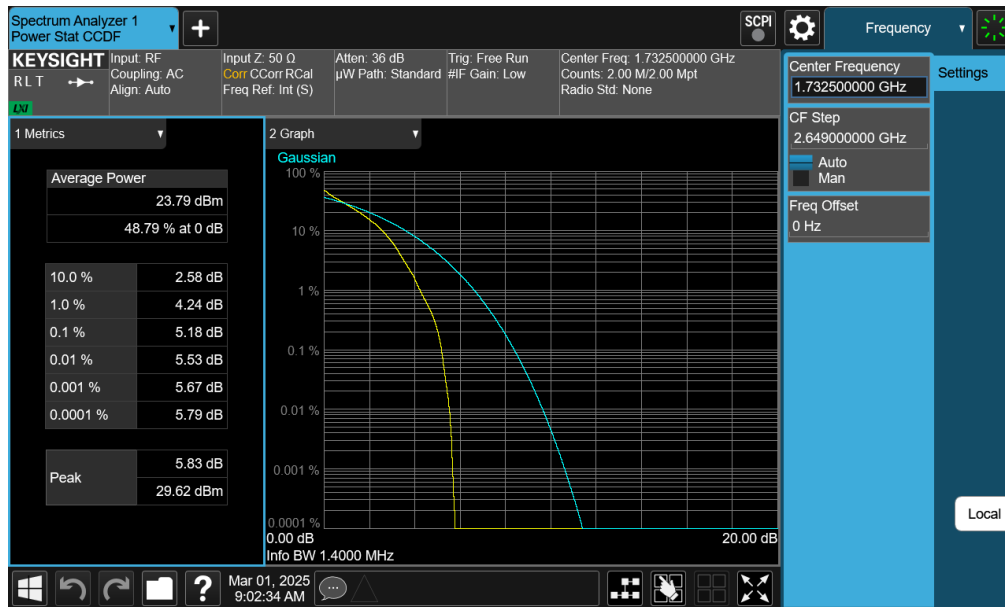
Plot 7-253. PAR Plot (LTE Band 66 - 20MHz 16-QAM - Full RB)

FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 152 of 202

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LTE Band 4



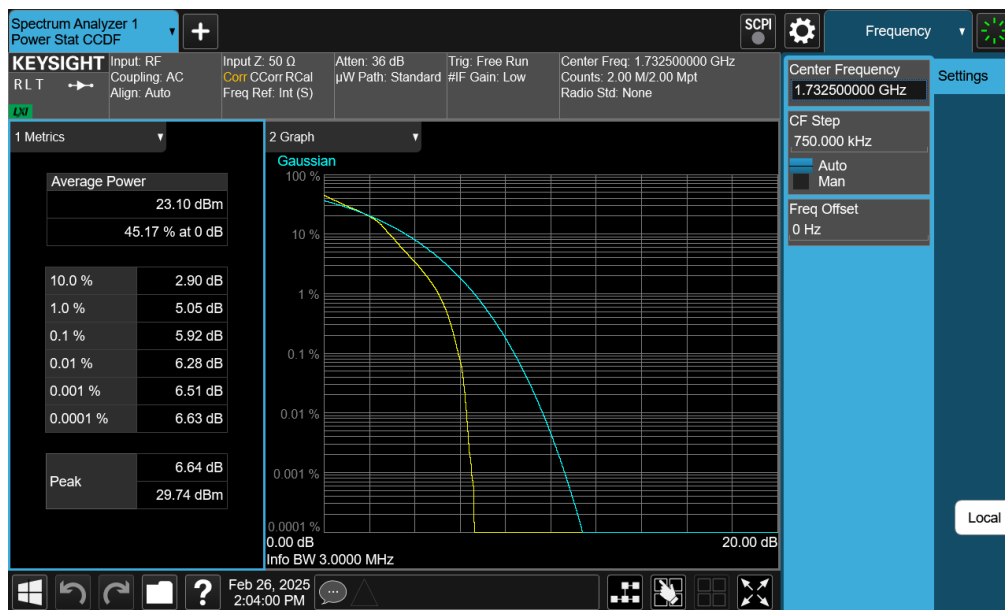
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 153 of 202

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Plot 7-256. PAR Plot (LTE Band 4 - 3MHz QPSK - Full RB)

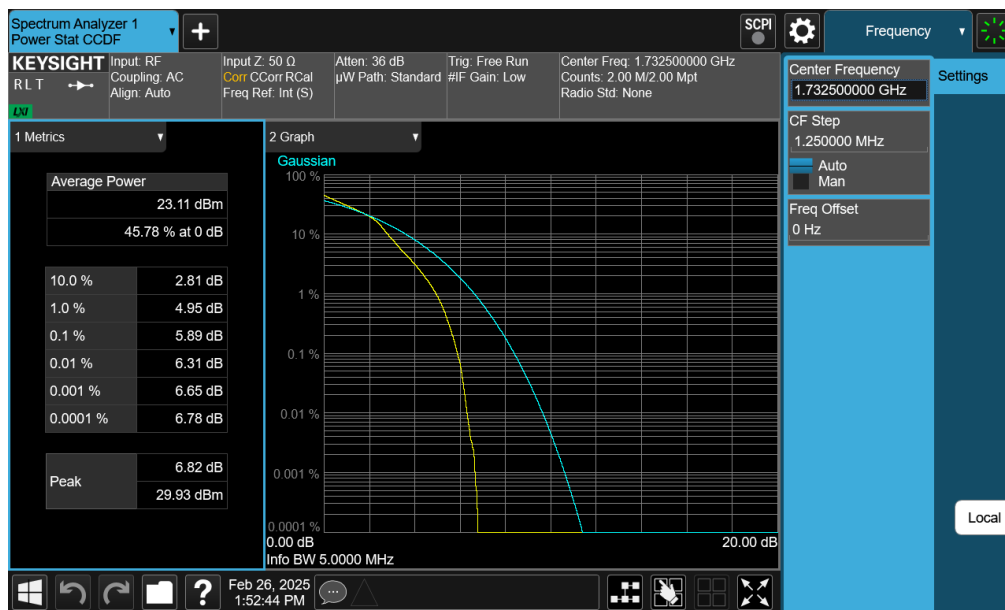
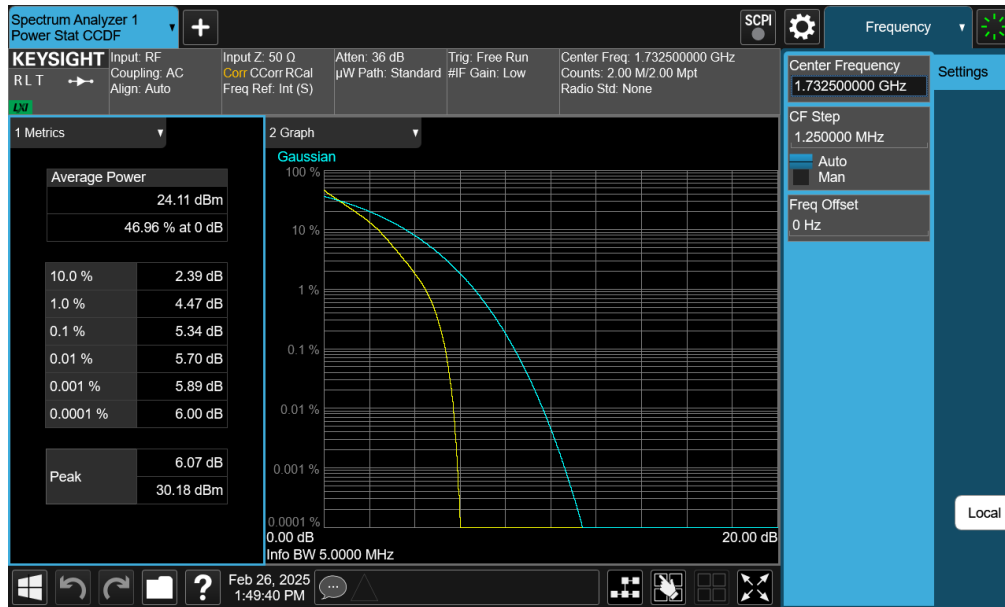


Plot 7-257. PAR Plot (LTE Band 4 - 3MHz 16-QAM - Full RB)

FCC ID: BCG-A3337	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 154 of 202

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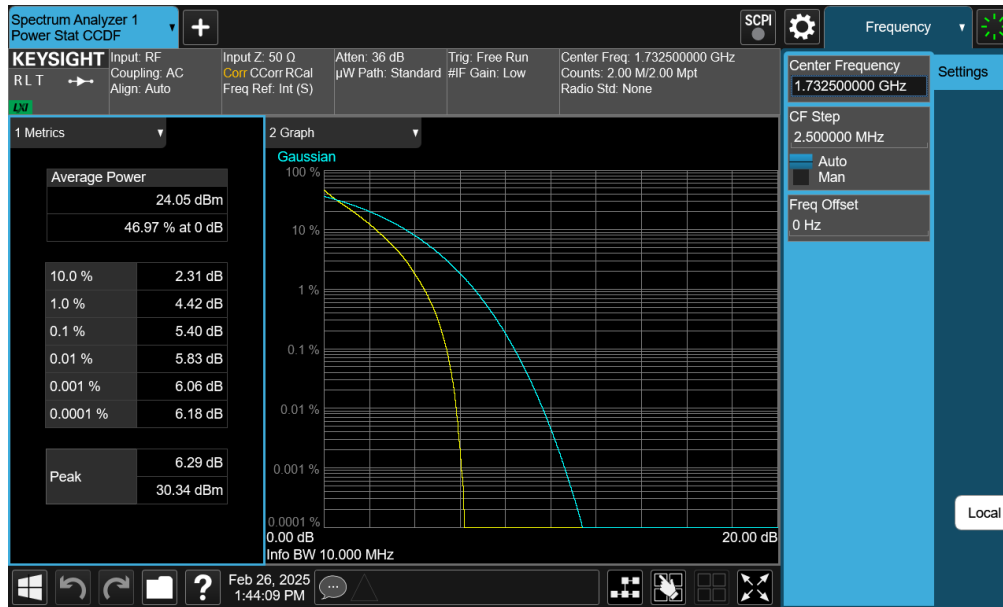
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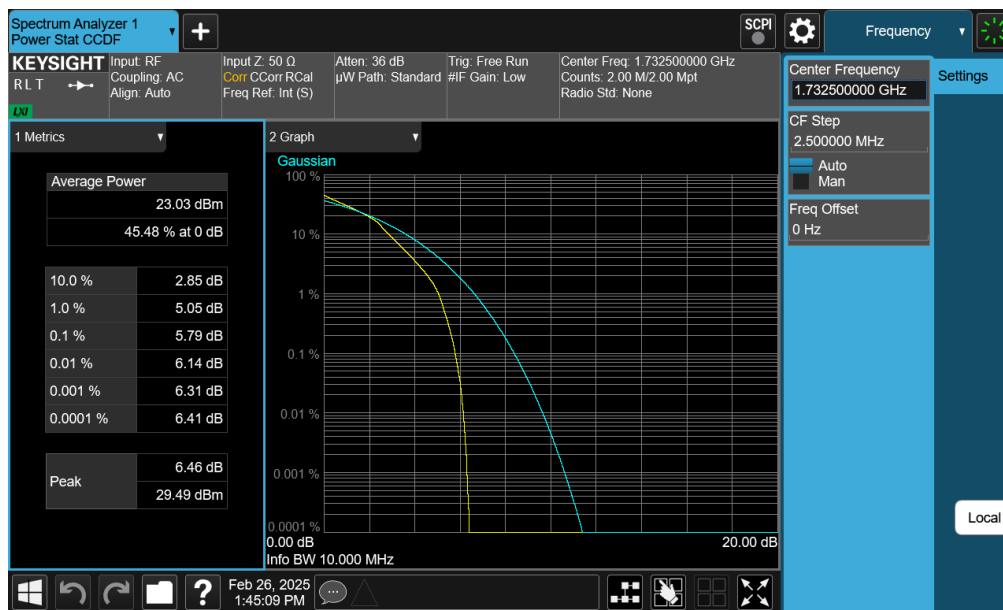
FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 155 of 202

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Plot 7-260. PAR Plot (LTE Band 4 - 10MHz QPSK - Full RB)



Plot 7-261. PAR Plot (LTE Band 4 - 10MHz 16-QAM - Full RB)

FCC ID: BCG-A3337	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270033-03.BCG	Test Dates: 01/31/2025 - 07/21/2025	EUT Type: Watch	Page 156 of 202

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