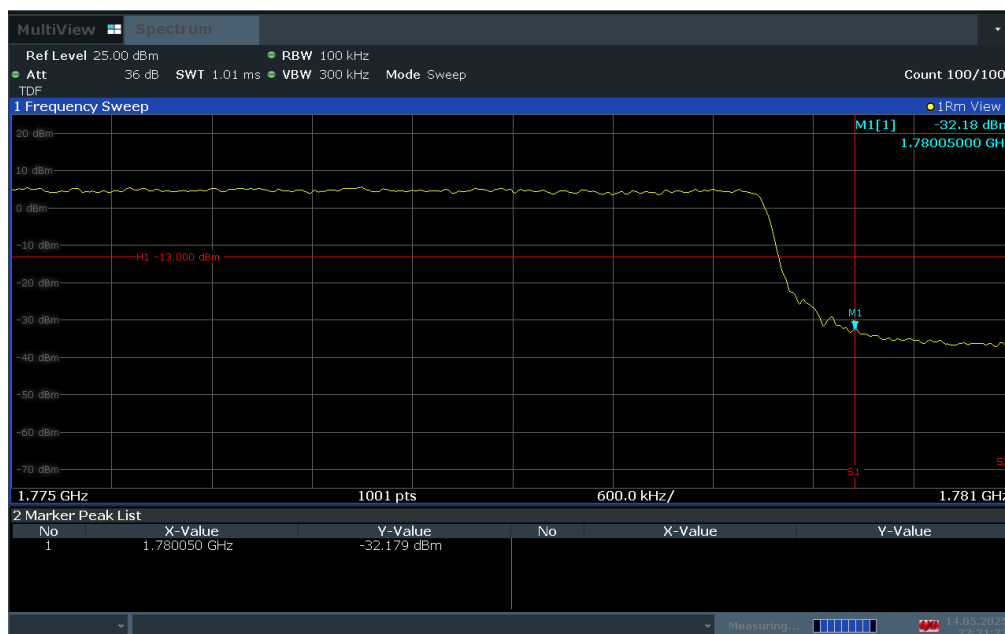


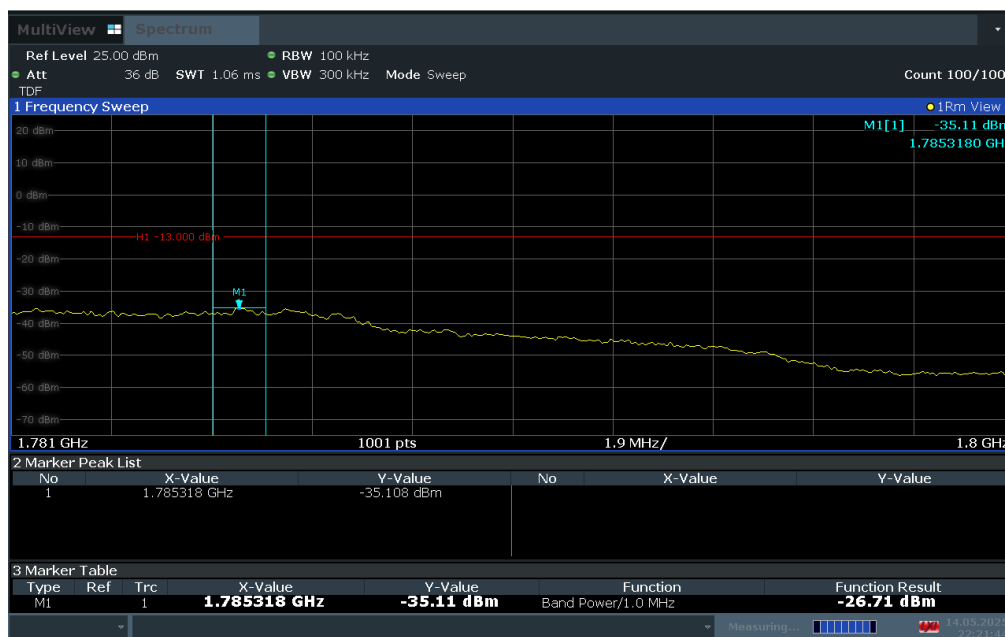
Peak



22:21:27 14.05.2025


Plot 7-153. Upper Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

Peak



22:21:44 14.05.2025

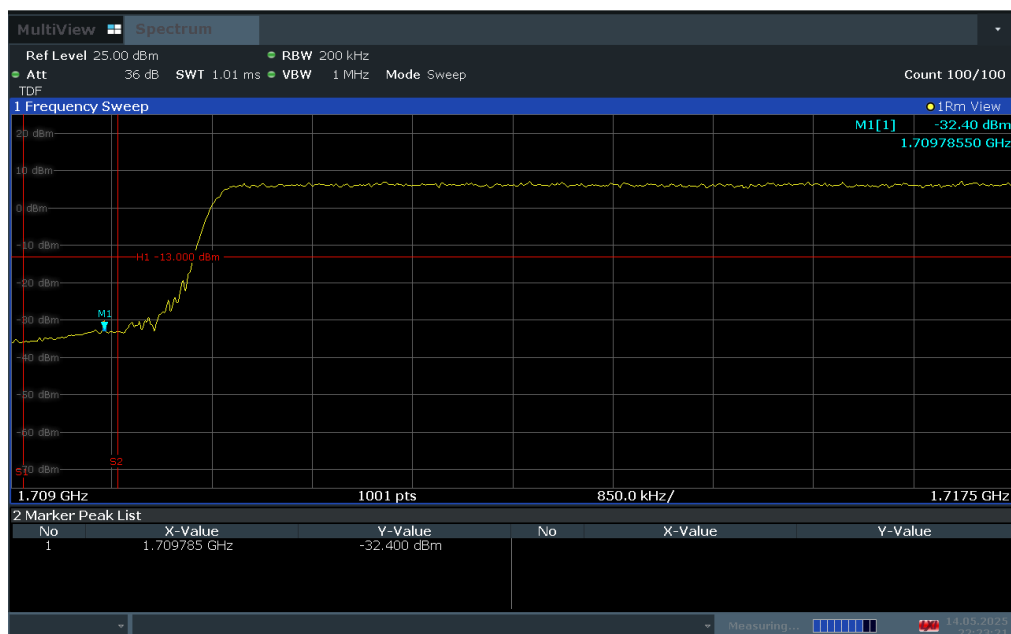
Plot 7-154. Upper Extended Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 100 of 203

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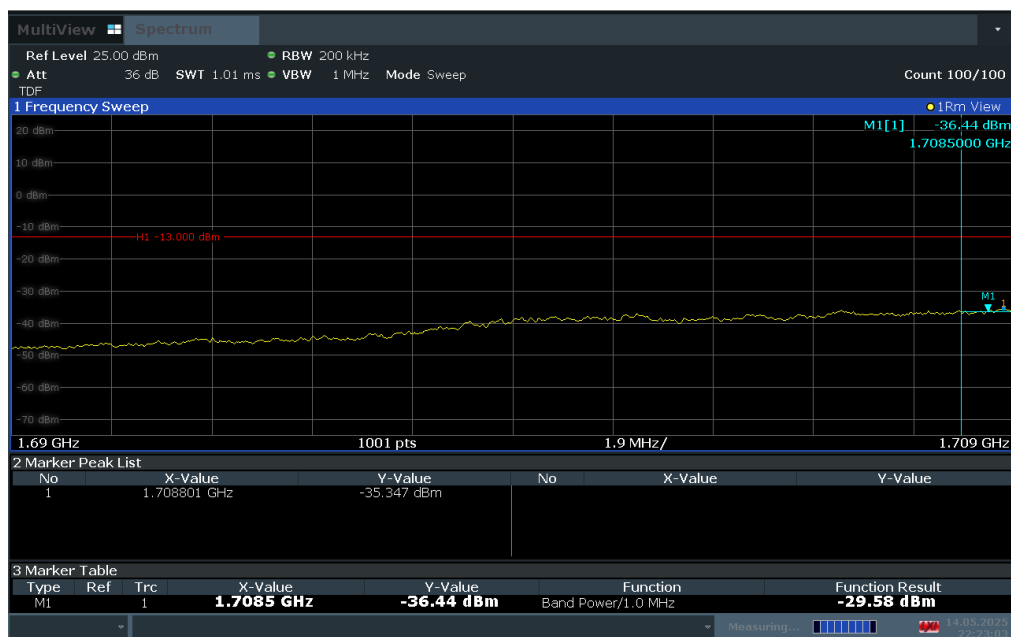
Peak



22:23:21 14.05.2025


Plot 7-155. Lower Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

Peak



22:23:04 14.05.2025

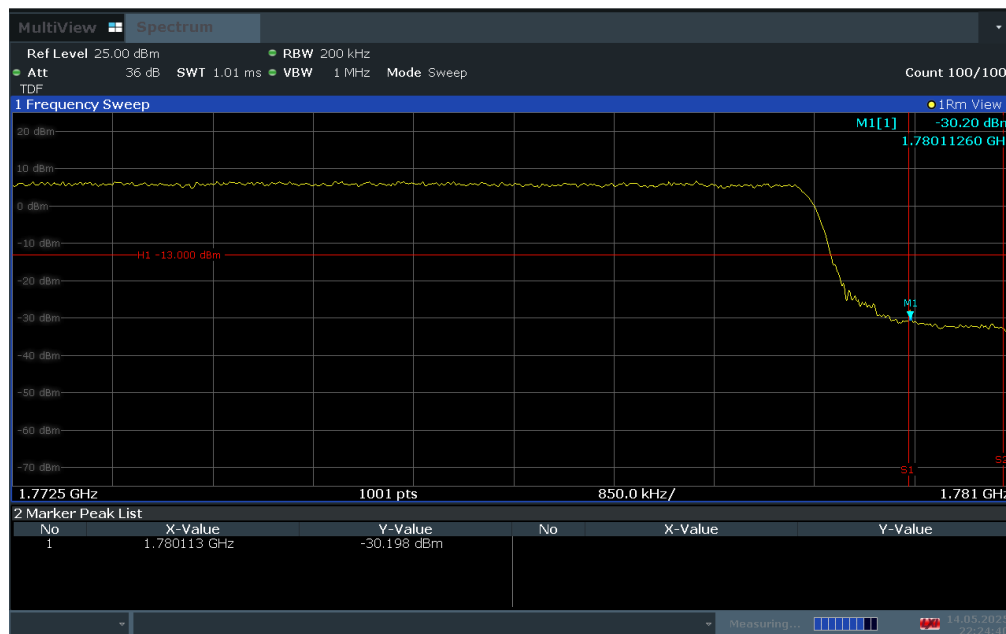
Plot 7-156. Lower Extended Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 101 of 203

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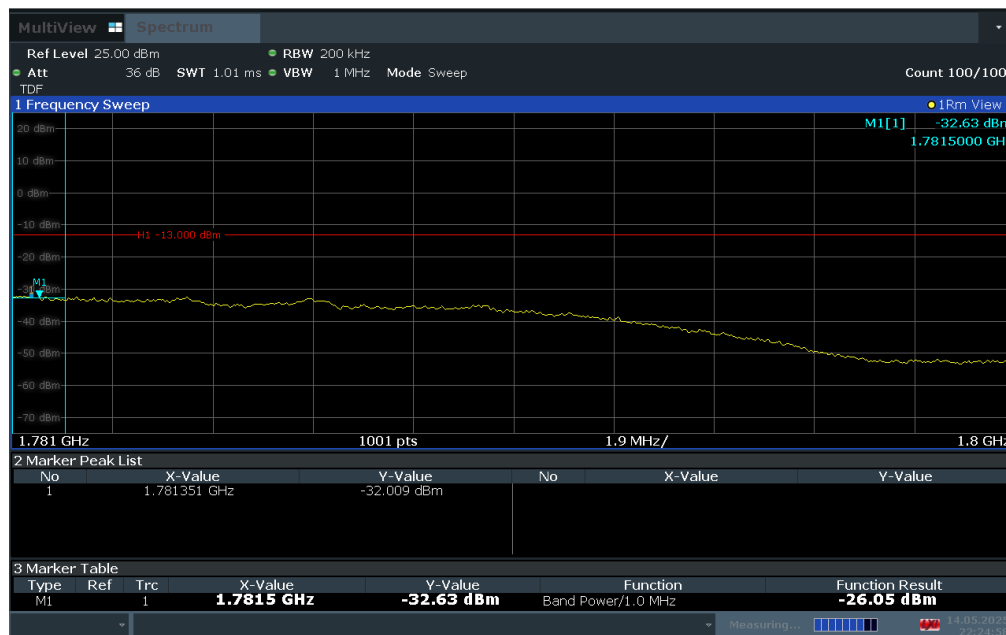
Peak



22:24:40 14.05.2025


Plot 7-157. Upper Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

Peak



22:24:58 14.05.2025

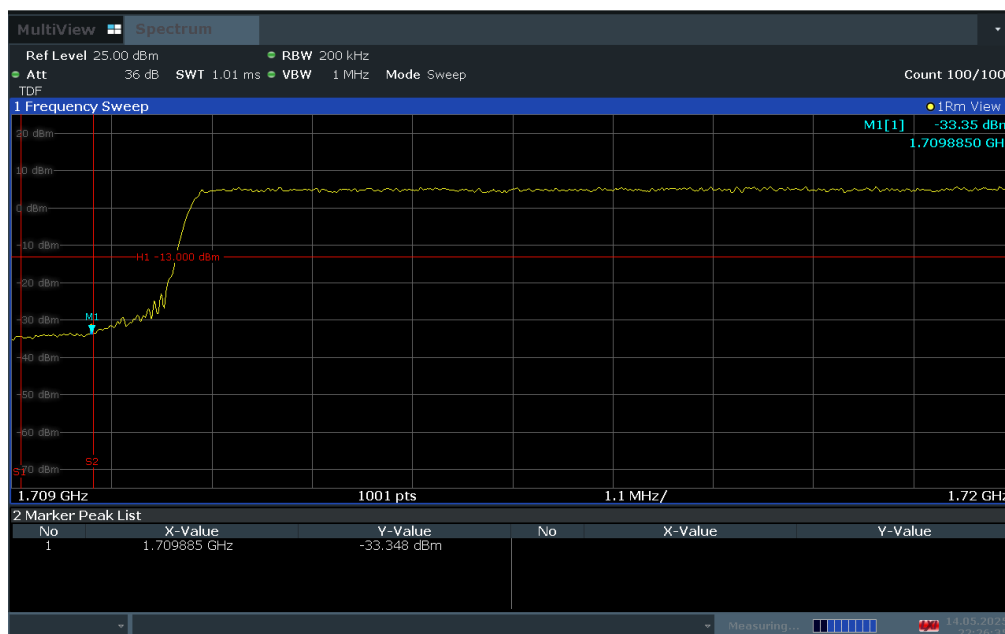
Plot 7-158. Upper Extended Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3281	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 102 of 203

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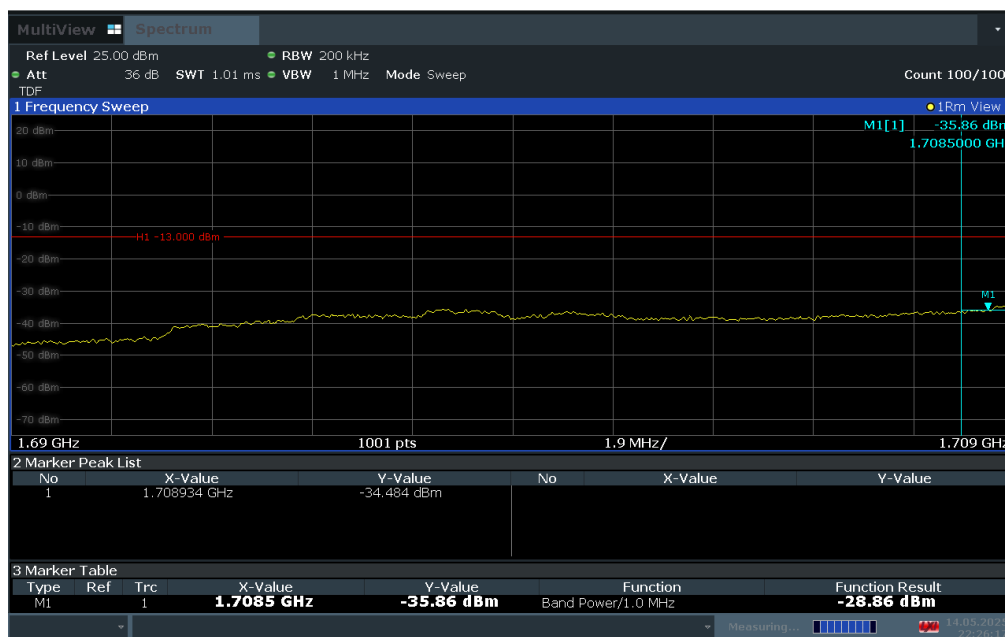
Peak



22:26:36 14.05.2025


Plot 7-159. Lower Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

Peak



22:26:18 14.05.2025

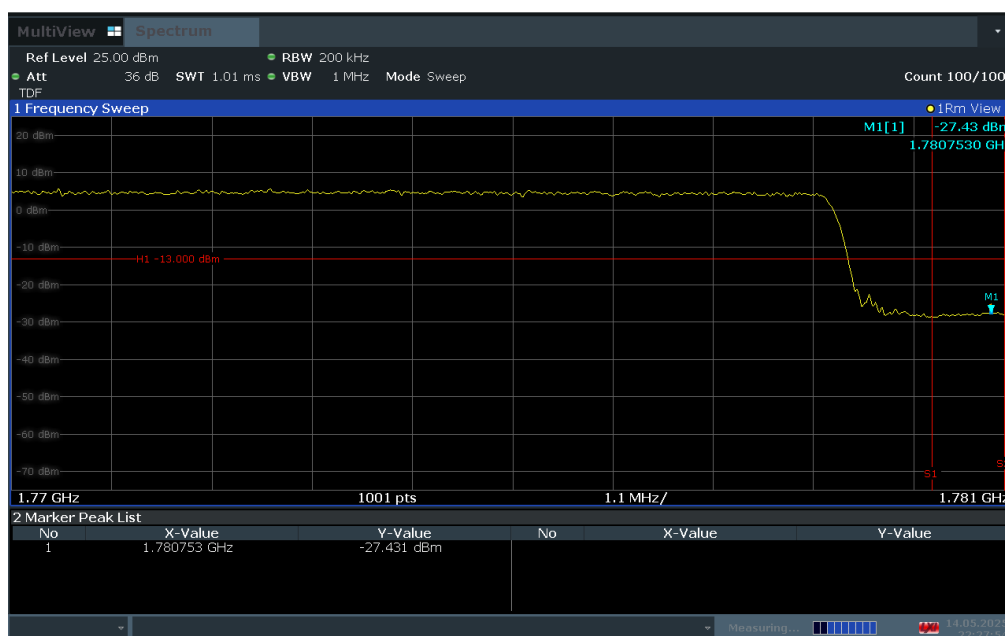
Plot 7-160. Lower Extended Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 103 of 203

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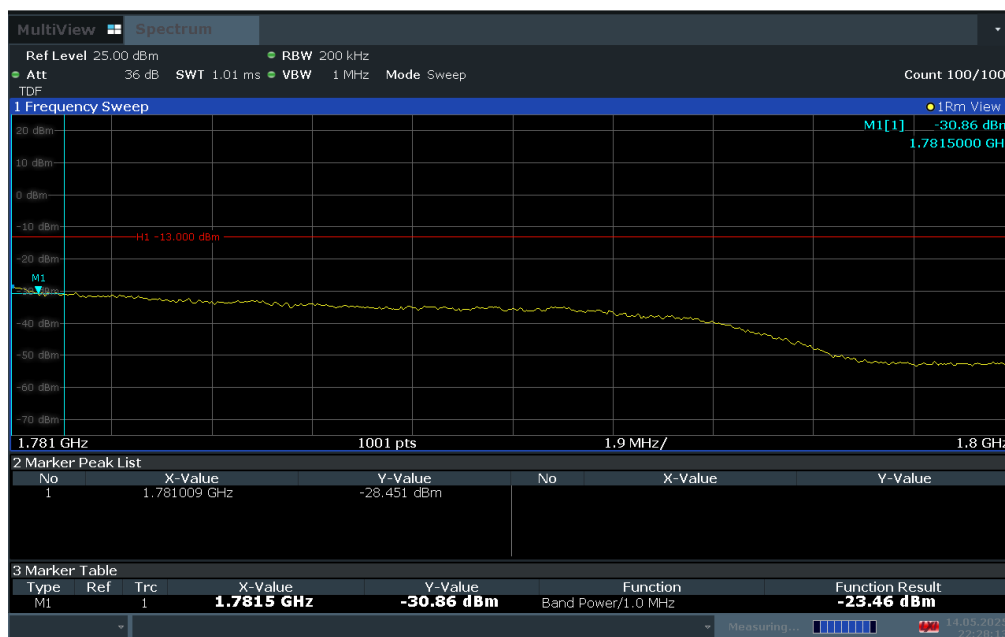
Peak



22:27:55 14.05.2025


Plot 7-161. Upper Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

Peak



22:28:13 14.05.2025

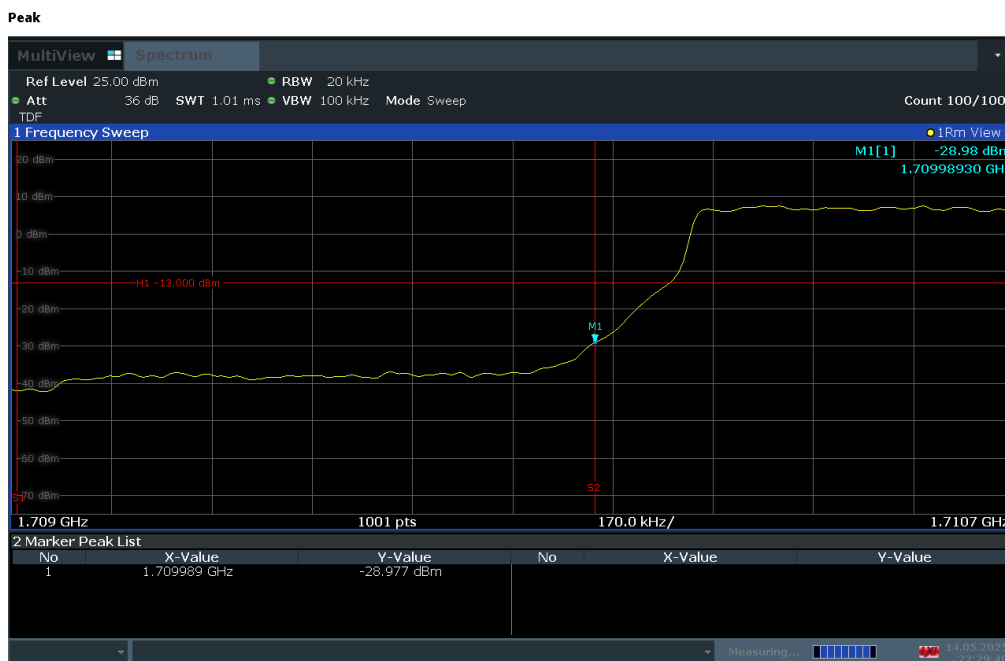
Plot 7-162. Upper Extended Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 104 of 203

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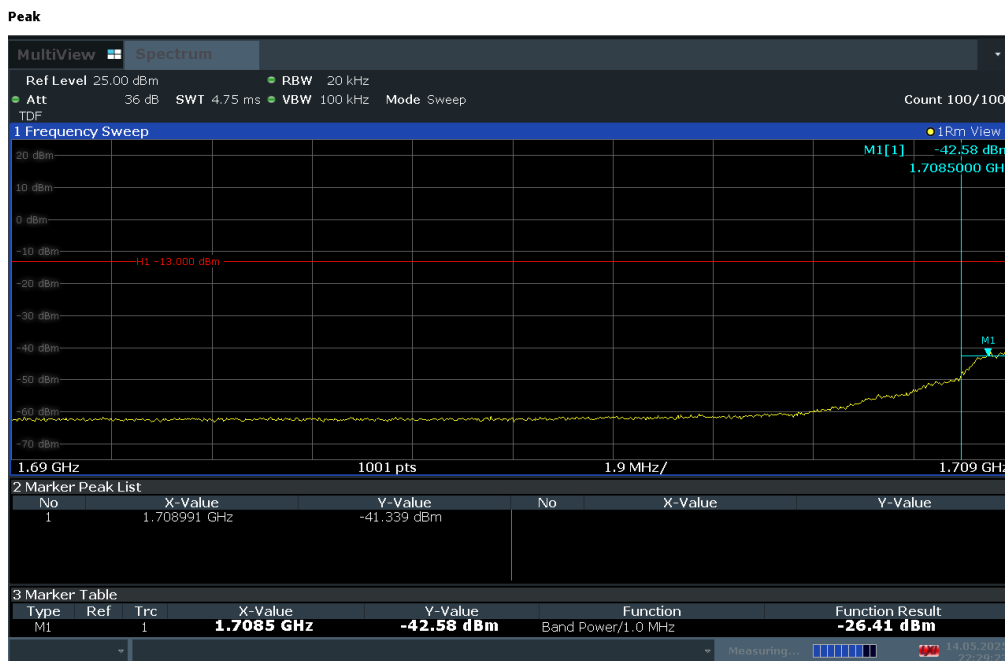
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## LTE Band 4




22:29:40 14.05.2025

Plot 7-163. Lower Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)



22:29:23 14.05.2025

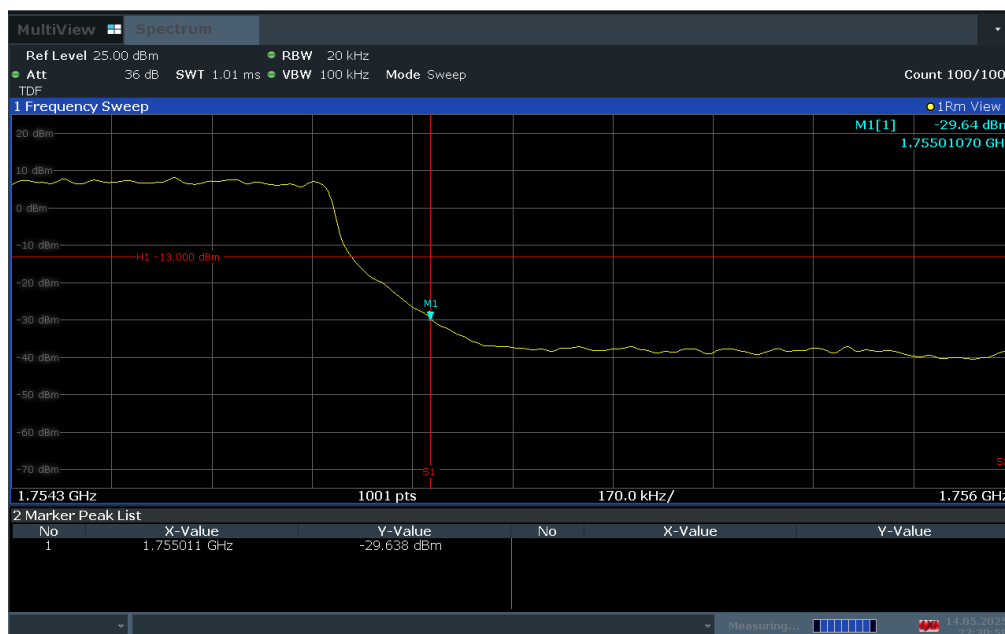
Plot 7-164. Lower Extended Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)

FCC ID: BCG-A3281	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 105 of 203

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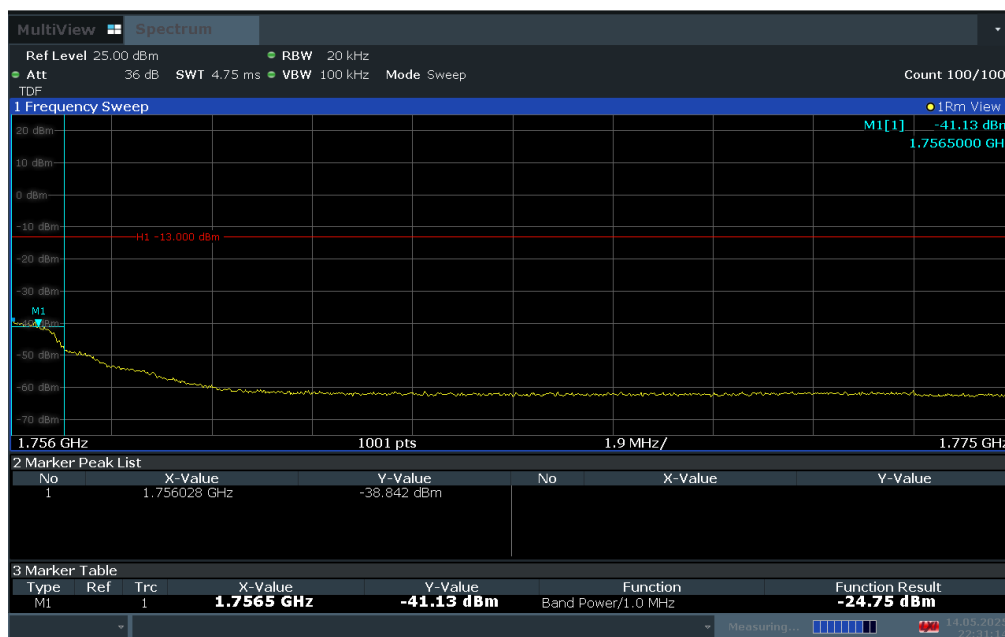
Peak



22:30:58 14.05.2025


Plot 7-165. Upper Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)

Peak



22:31:15 14.05.2025

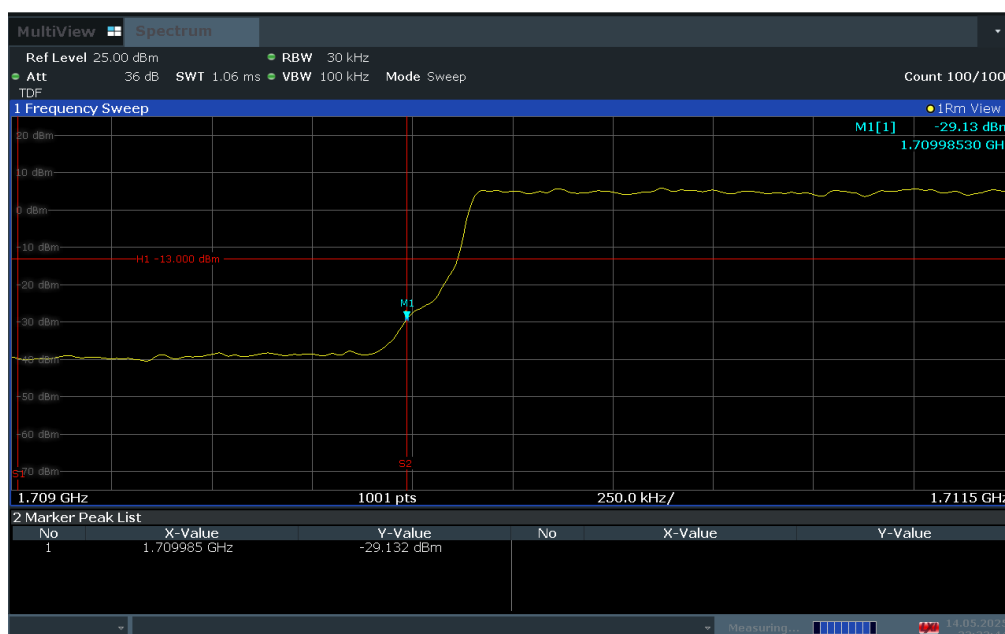
Plot 7-166. Upper Extended Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 106 of 203

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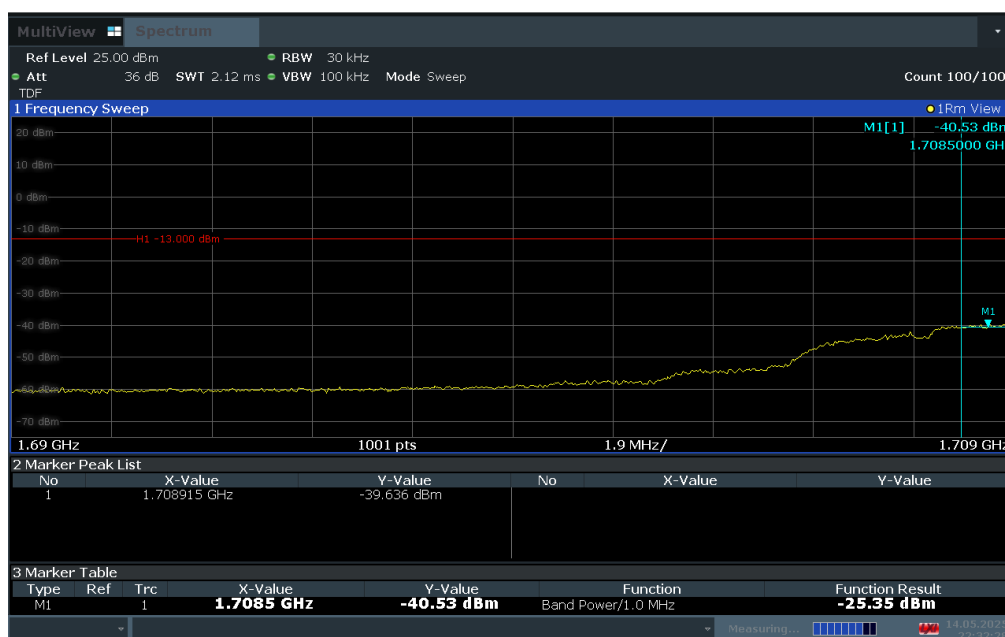
Peak



22:32:45 14.05.2025


**Plot 7-167. Lower Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)**

Peak



22:32:28 14.05.2025

**Plot 7-168. Lower Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)**

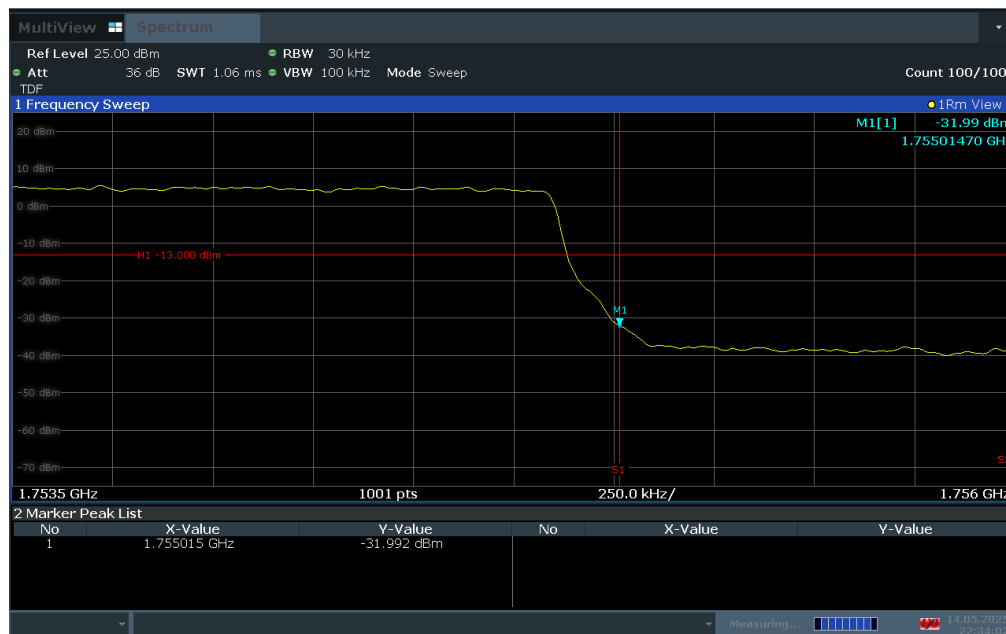
FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 107 of 203

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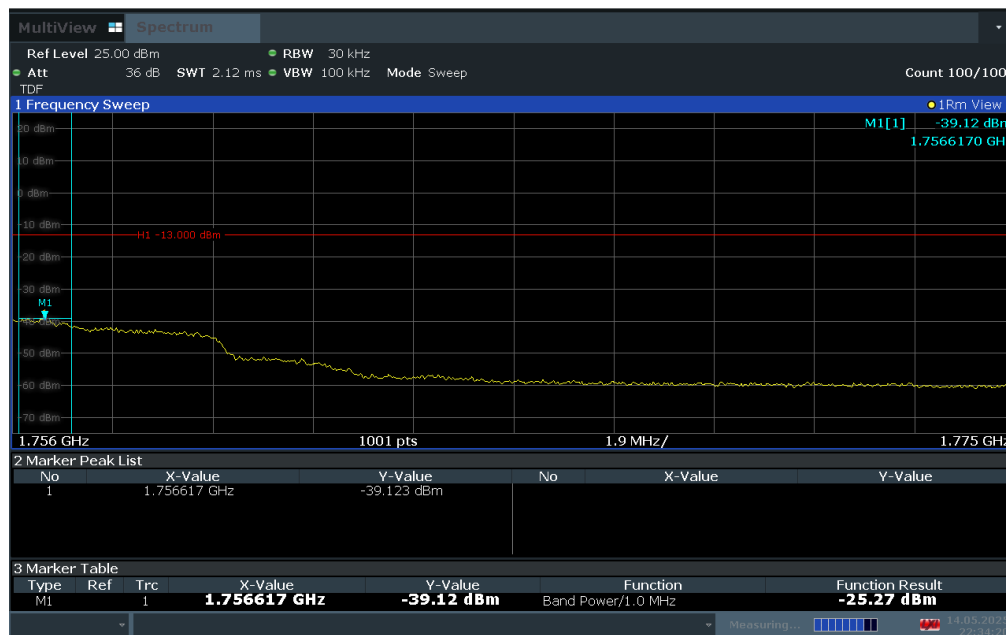
Peak



22:34:03 14.05.2025


Plot 7-169. Upper Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)

Peak



22:34:20 14.05.2025

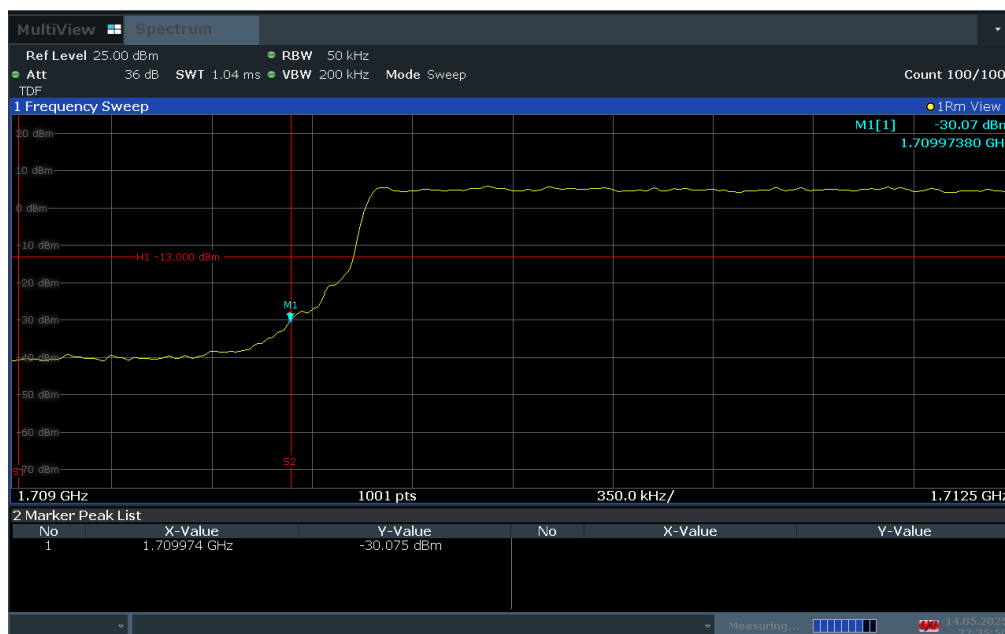
Plot 7-170. Upper Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
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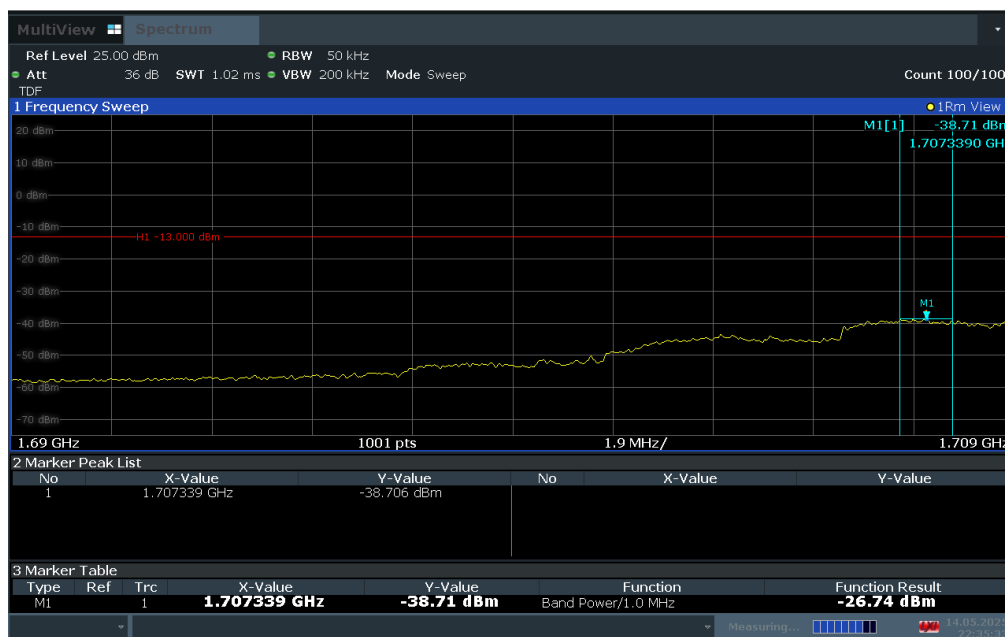
Peak



22:35:50 14.05.2025


Plot 7-171. Lower Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

Peak



22:35:33 14.05.2025

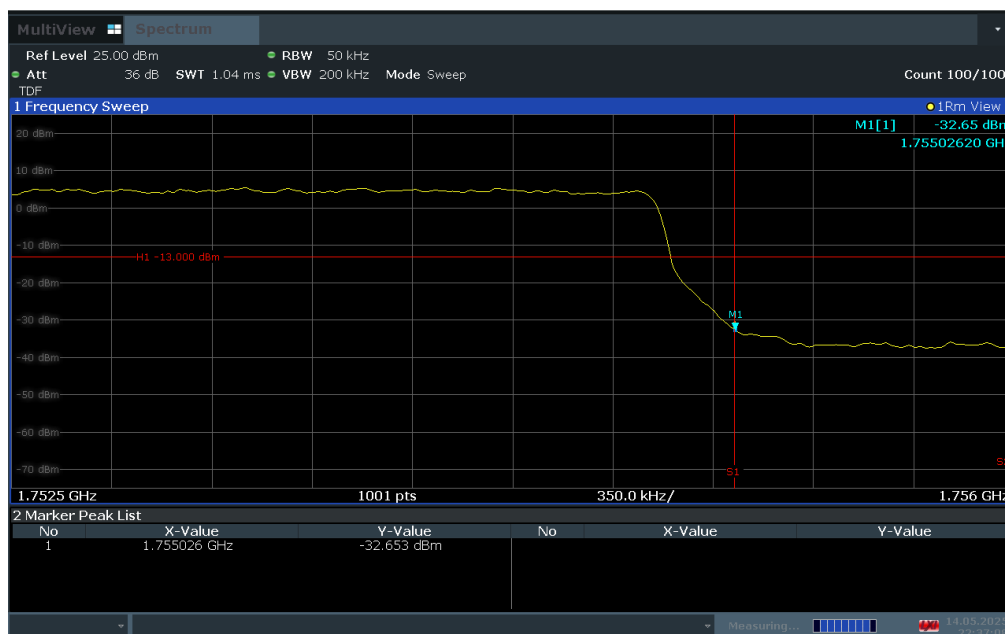
Plot 7-172. Lower Extended Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 109 of 203

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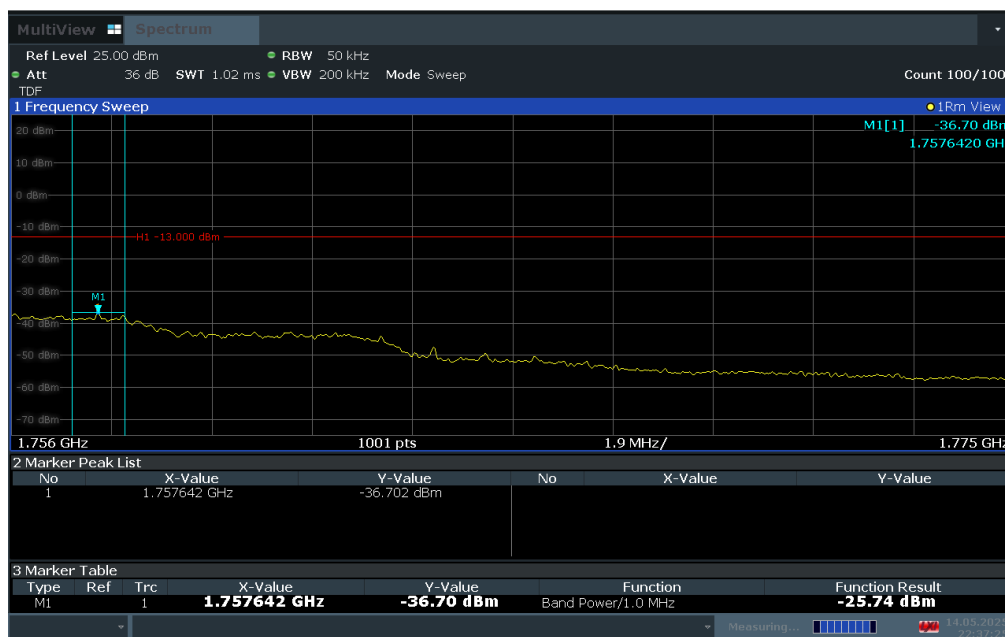
Peak



22:37:09 14.05.2025


Plot 7-173. Upper Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

Peak



22:37:26 14.05.2025

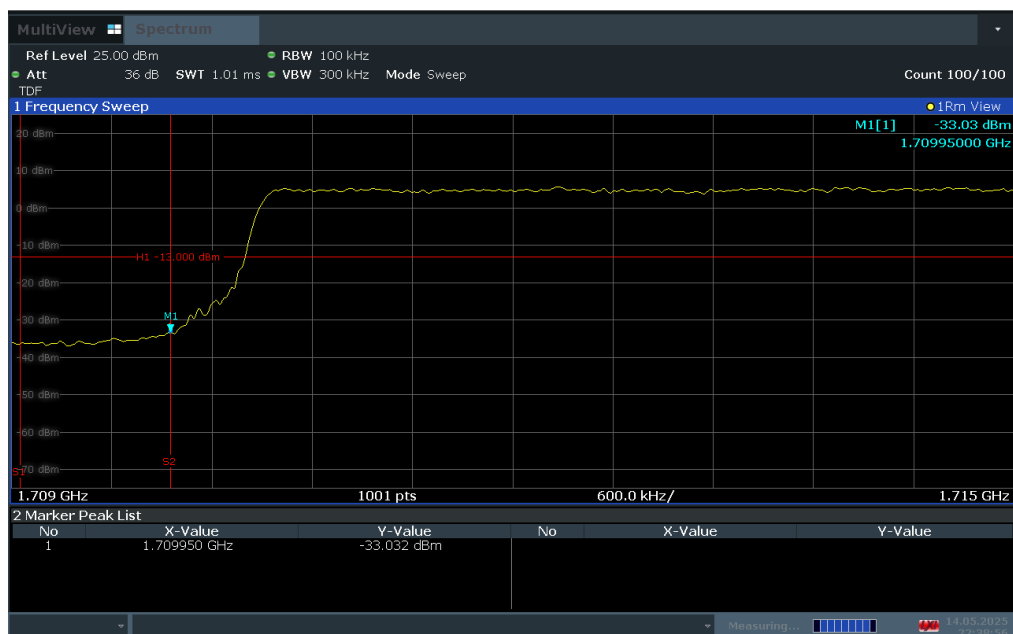
Plot 7-174. Upper Extended Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 110 of 203

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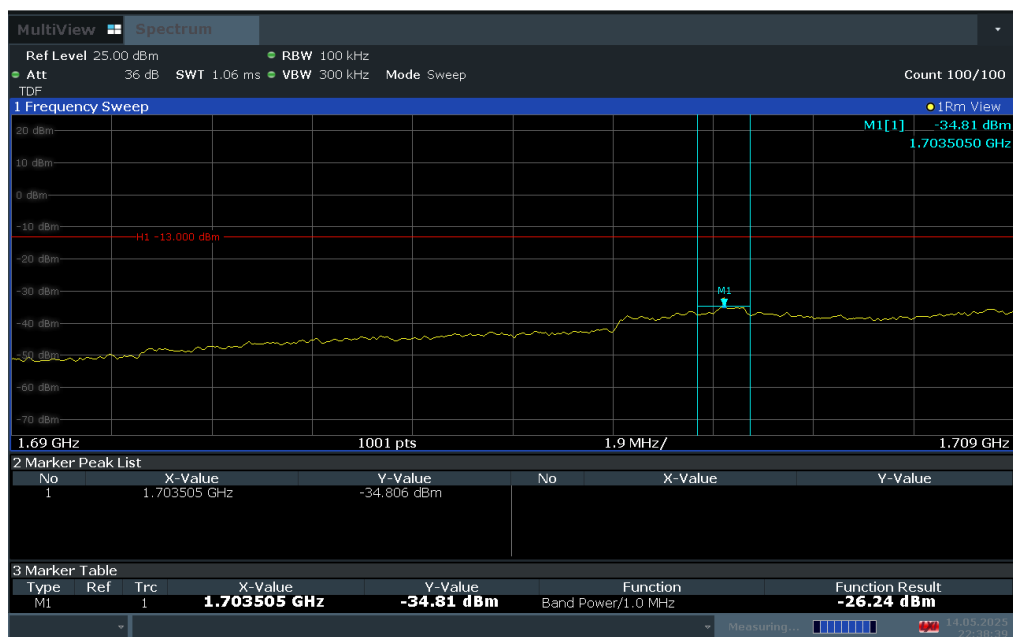
Peak



22:38:57 14.05.2025


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

Peak



22:38:39 14.05.2025

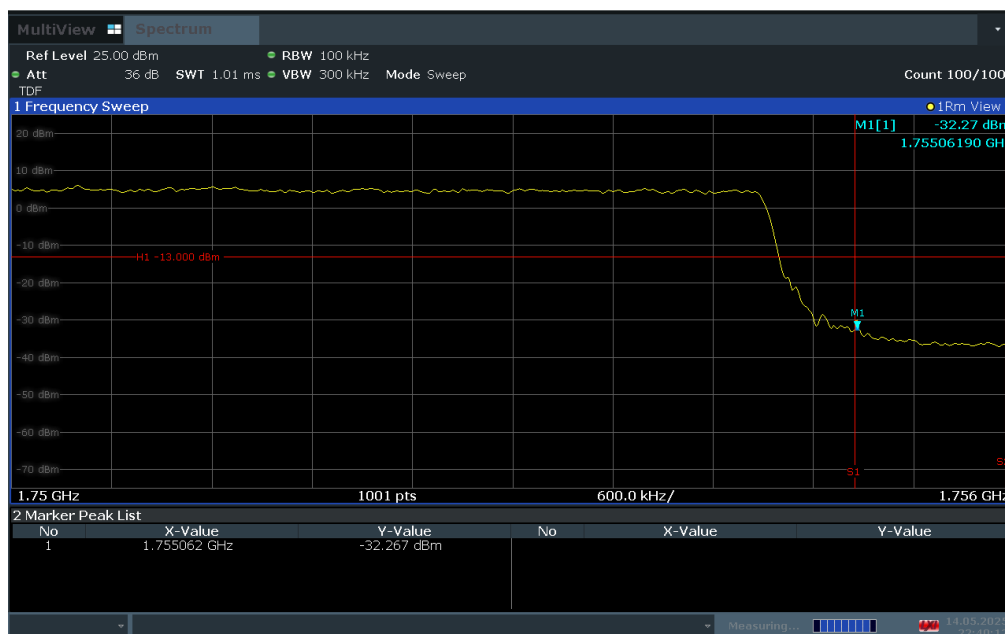
Plot 7-176. Lower Extended Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 111 of 203

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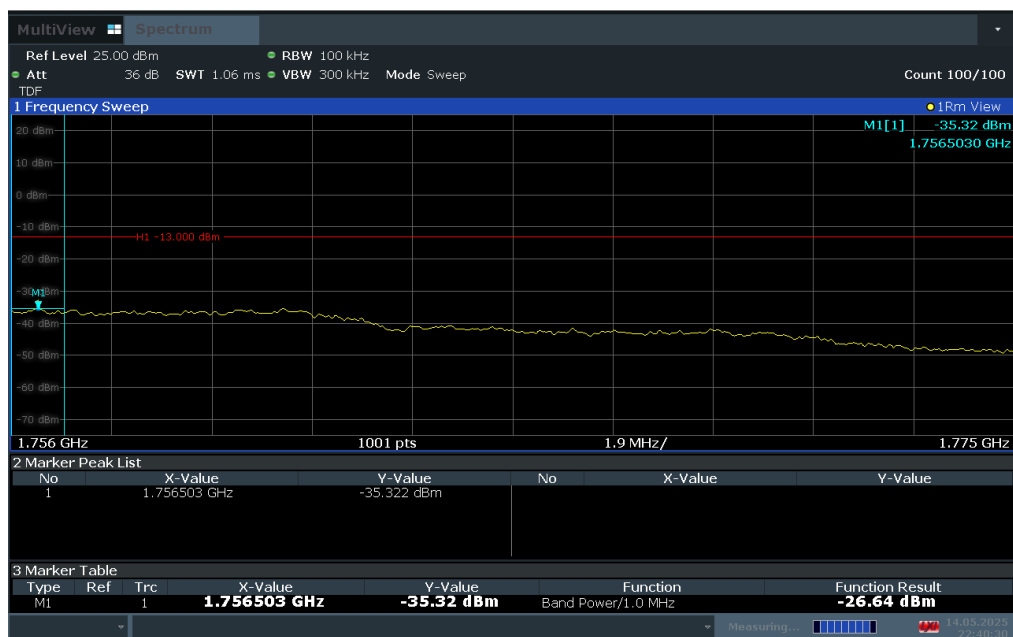
Peak



22:40:13 14.05.2025


Plot 7-177. Upper Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

Peak



22:40:30 14.05.2025

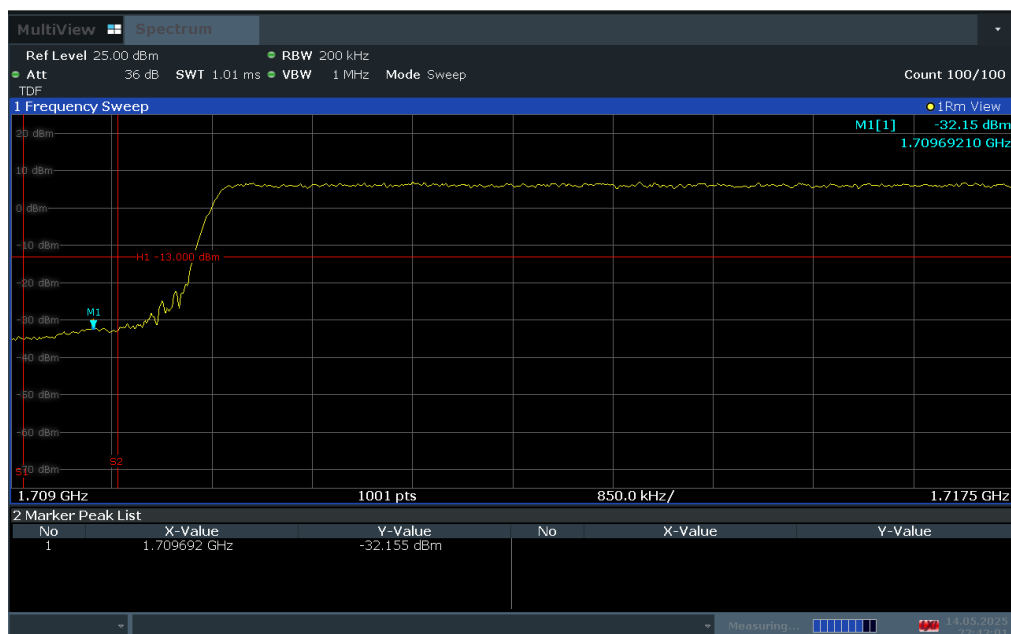
Plot 7-178. Upper Extended Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 112 of 203

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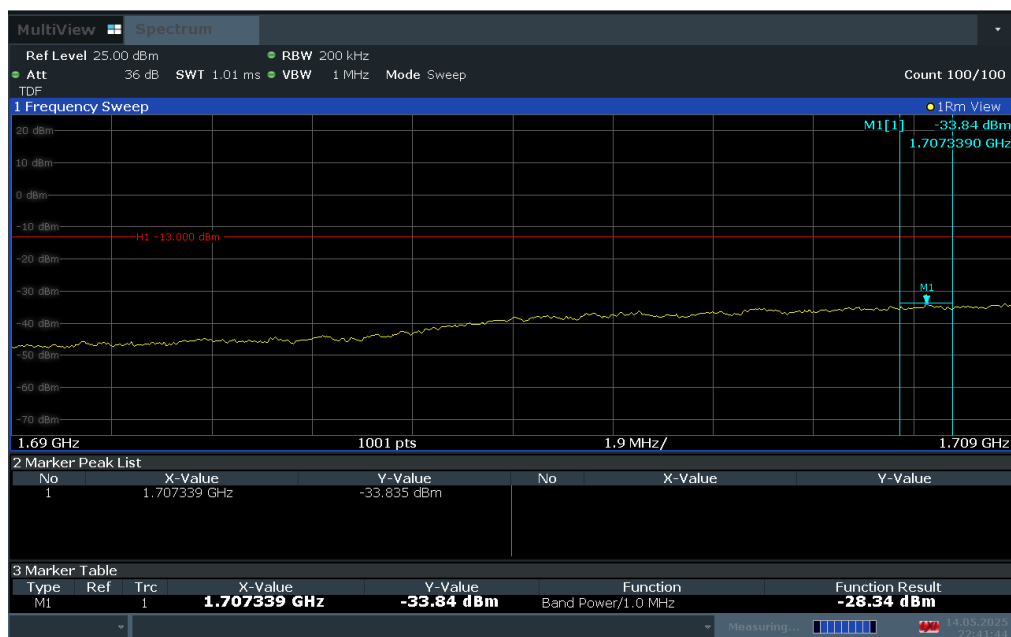
Peak



22:42:02 14.05.2025


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

Peak



22:41:44 14.05.2025

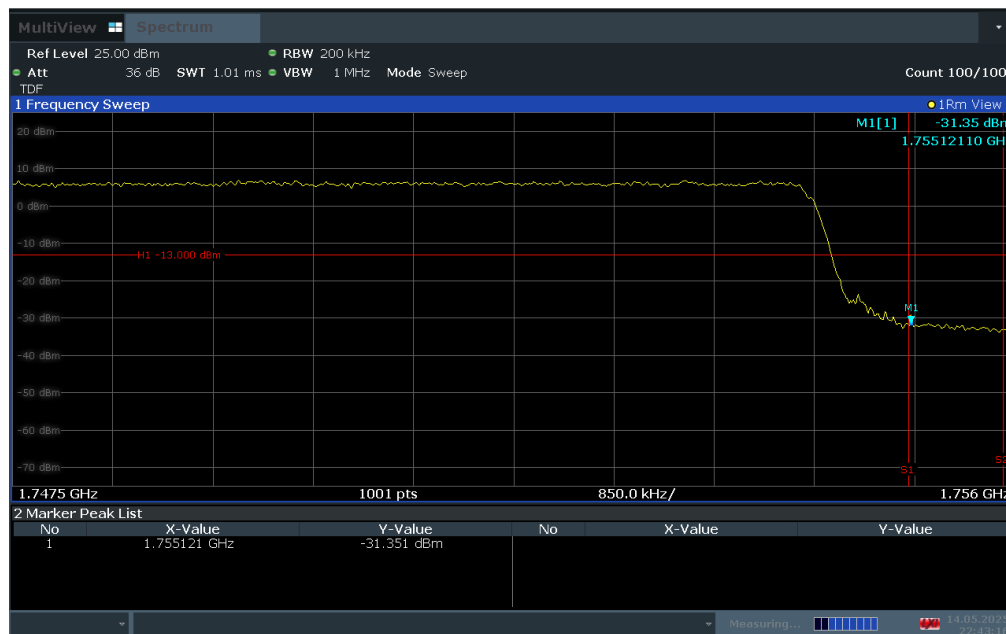
Plot 7-180. Lower Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 113 of 203

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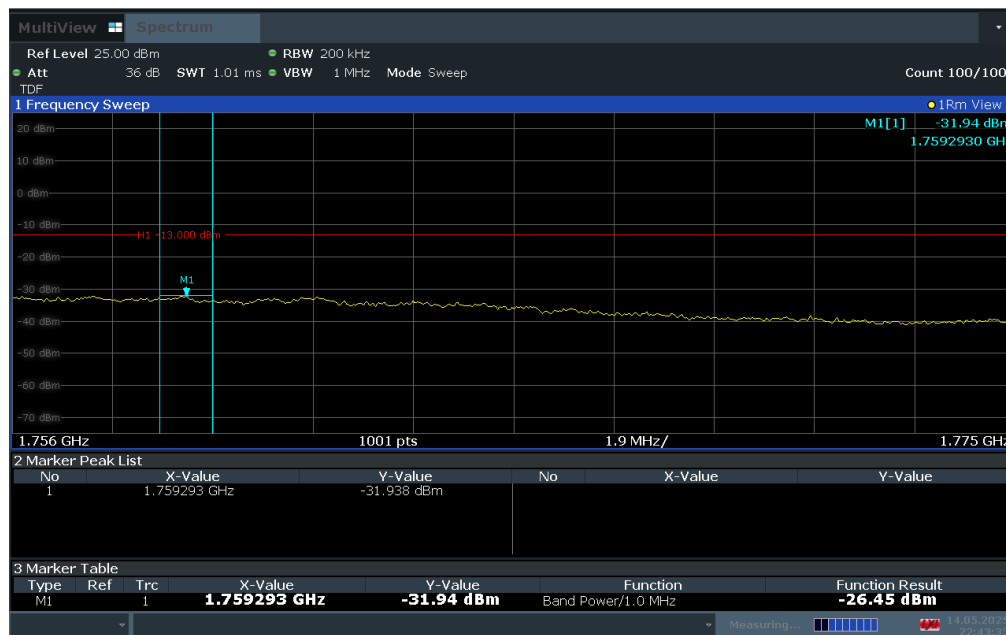
Peak



22:43:16 14.05.2025


Plot 7-181. Upper Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

Peak



22:43:34 14.05.2025

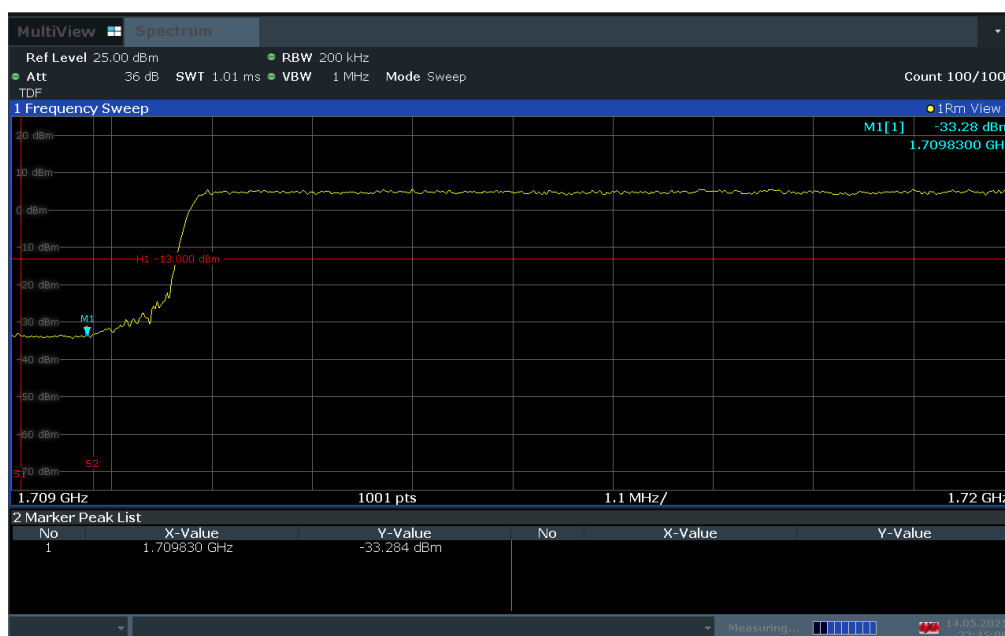
Plot 7-182. Upper Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 114 of 203

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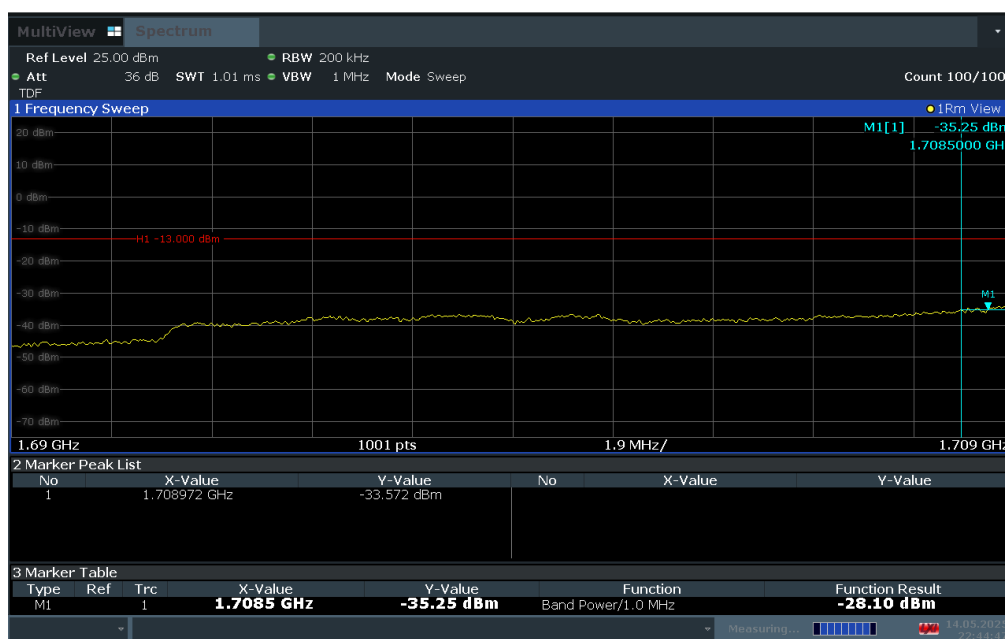
Peak



22:45:06 14.05.2025


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

Peak



22:44:48 14.05.2025

Plot 7-184. Lower Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

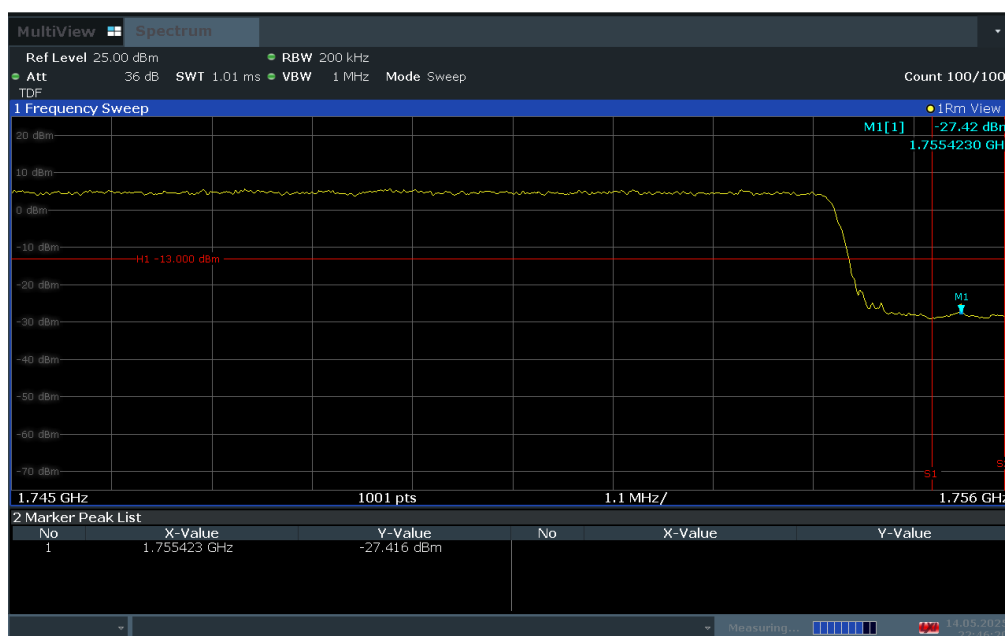
FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 115 of 203

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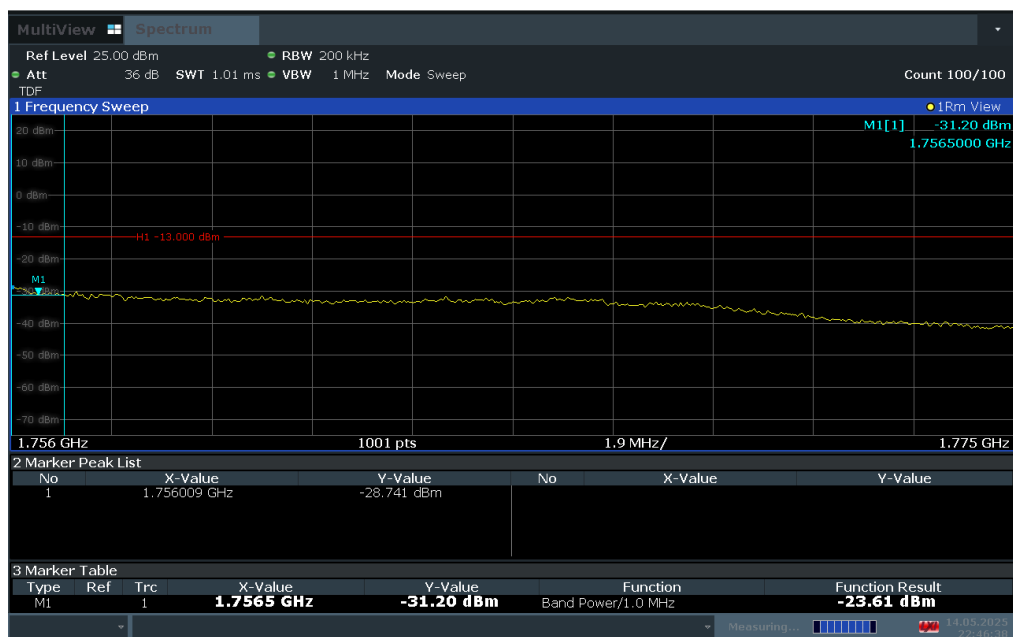
Peak



22:46:21 14.05.2025


Plot 7-185. Upper Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

Peak



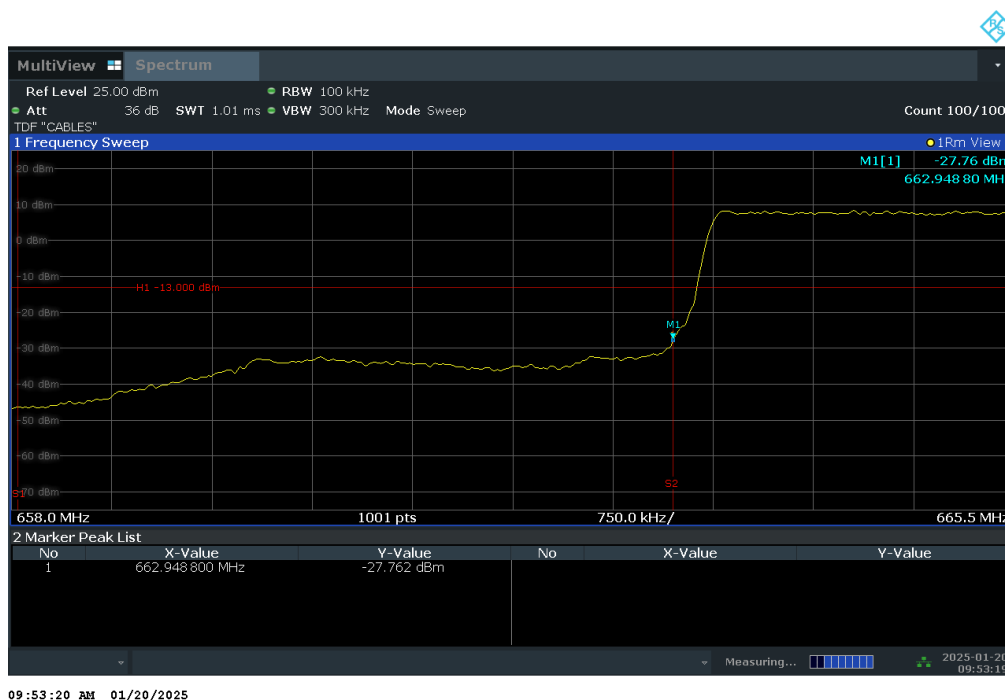
22:46:39 14.05.2025

Plot 7-186. Upper Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK – Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 116 of 203

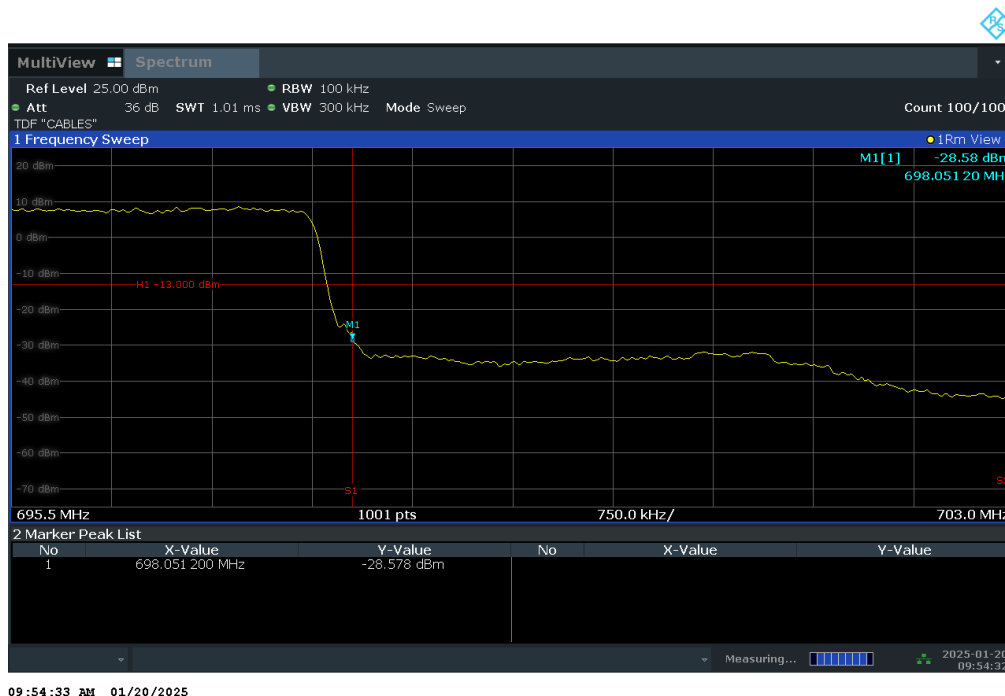
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09:53:20 AM 01/20/2025

**Plot 7-187. Lower Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB)**



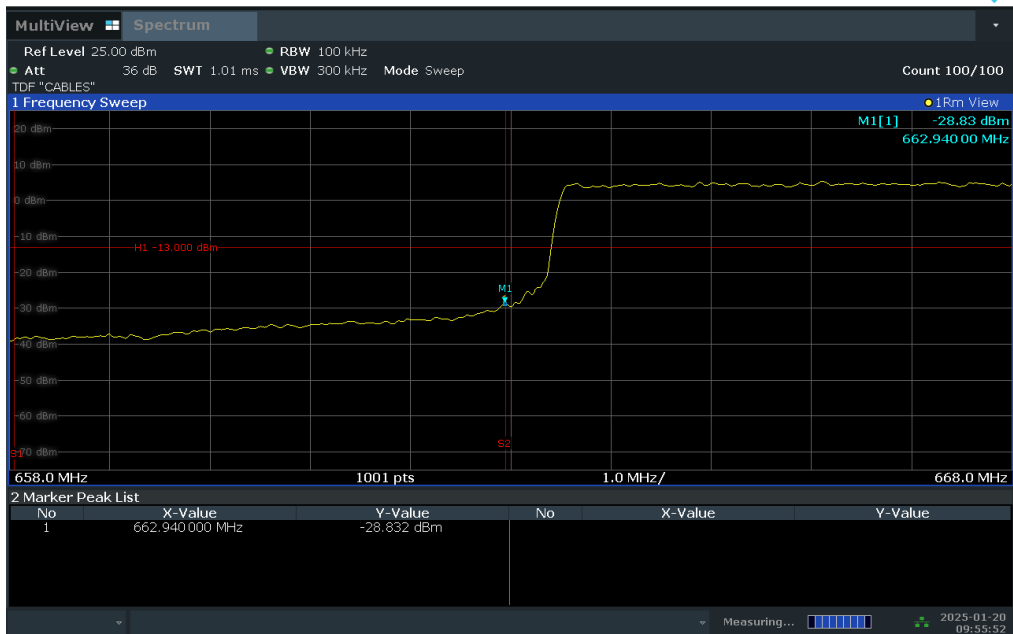
09:54:33 AM 01/20/2025

**Plot 7-188. Upper Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB)**

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
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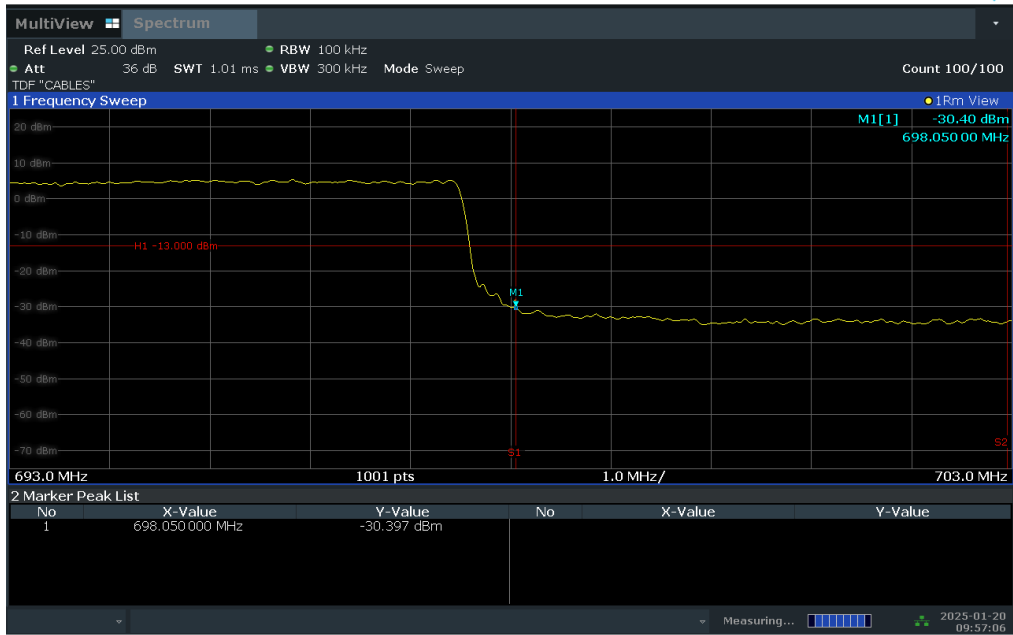
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09:55:53 AM 01/20/2025

Plot 7-189. Lower Band Edge Plot (LTE Band 71 - 10MHz QPSK – Full RB)



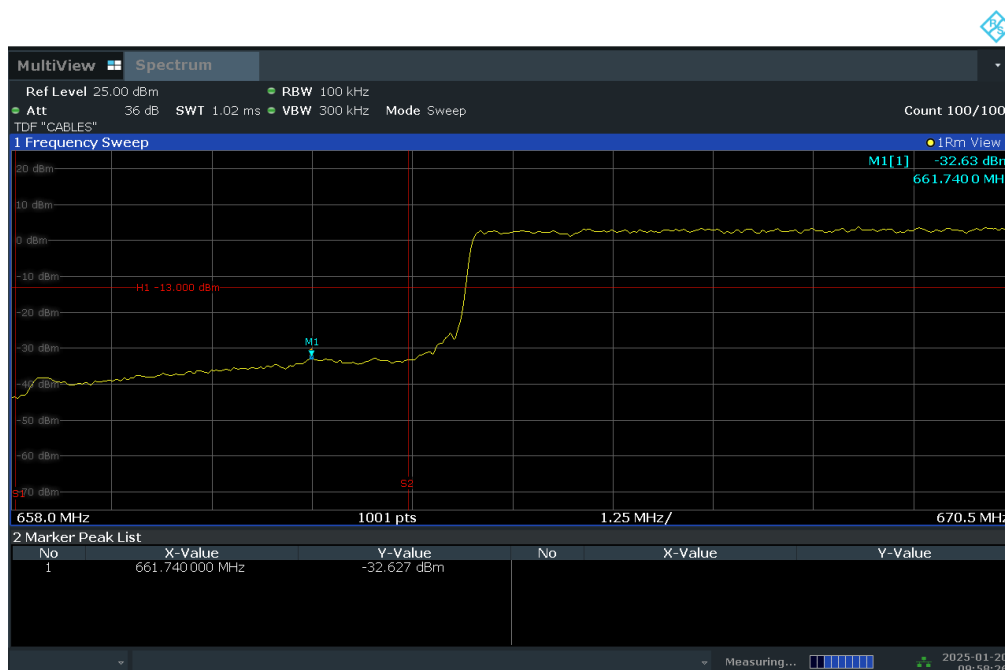
09:57:07 AM 01/20/2025

Plot 7-190. Upper Band Edge Plot (LTE Band 71 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3281	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 118 of 203

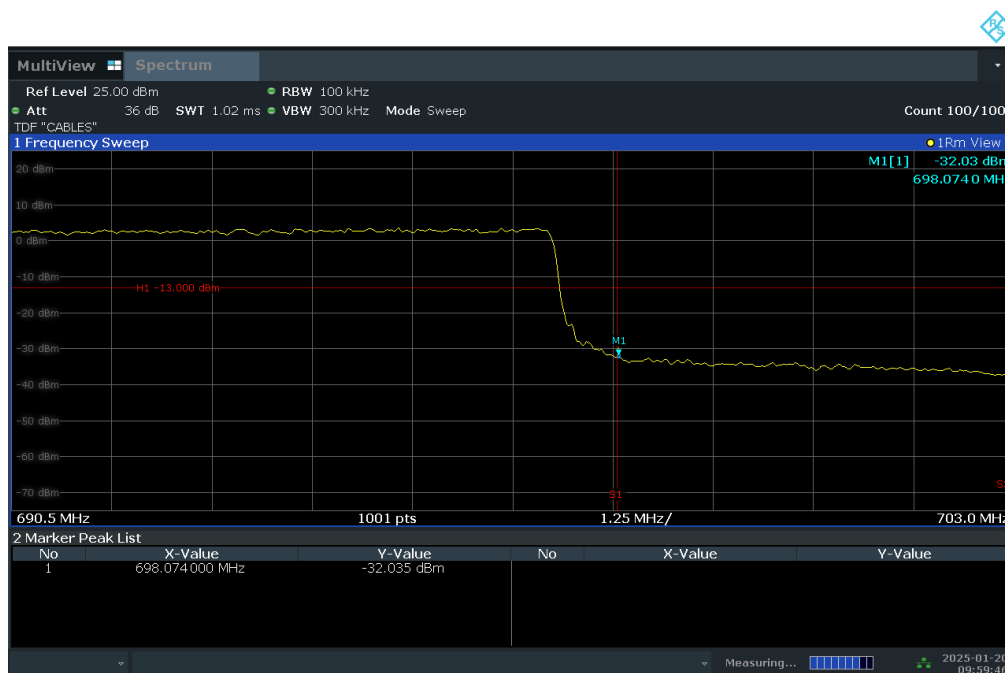
V2.2 09/07/2023

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09:58:27 AM 01/20/2025

Plot 7-191. Lower Band Edge Plot (LTE Band 71 - 15MHz QPSK – Full RB)



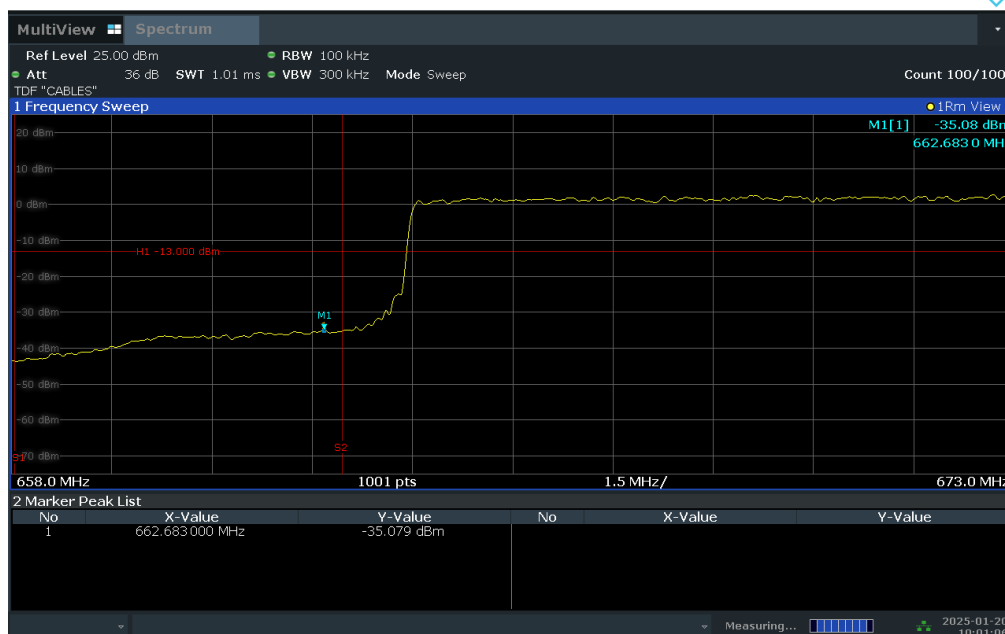
09:59:47 AM 01/20/2025

Plot 7-192. Upper Band Edge Plot (LTE Band 71 - 15MHz QPSK – Full RB)

FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 119 of 203

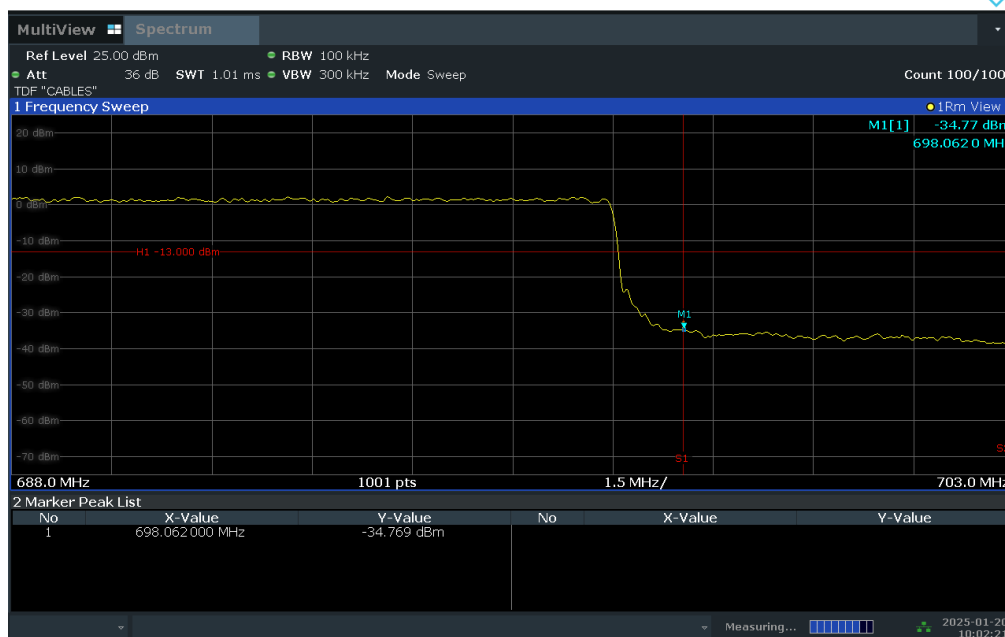
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10:01:07 AM 01/20/2025

Plot 7-193. Lower Band Edge Plot (LTE Band 71 - 20MHz QPSK – Full RB)



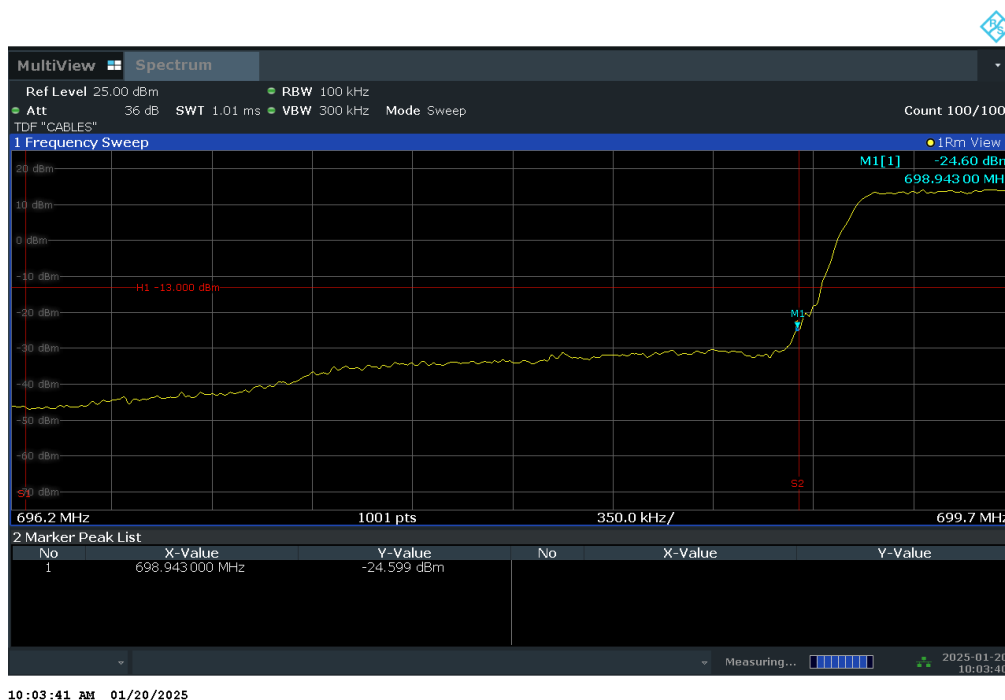
10:02:22 AM 01/20/2025

Plot 7-194. Upper Band Edge Plot (LTE Band 71 - 20MHz QPSK – Full RB)

FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 120 of 203

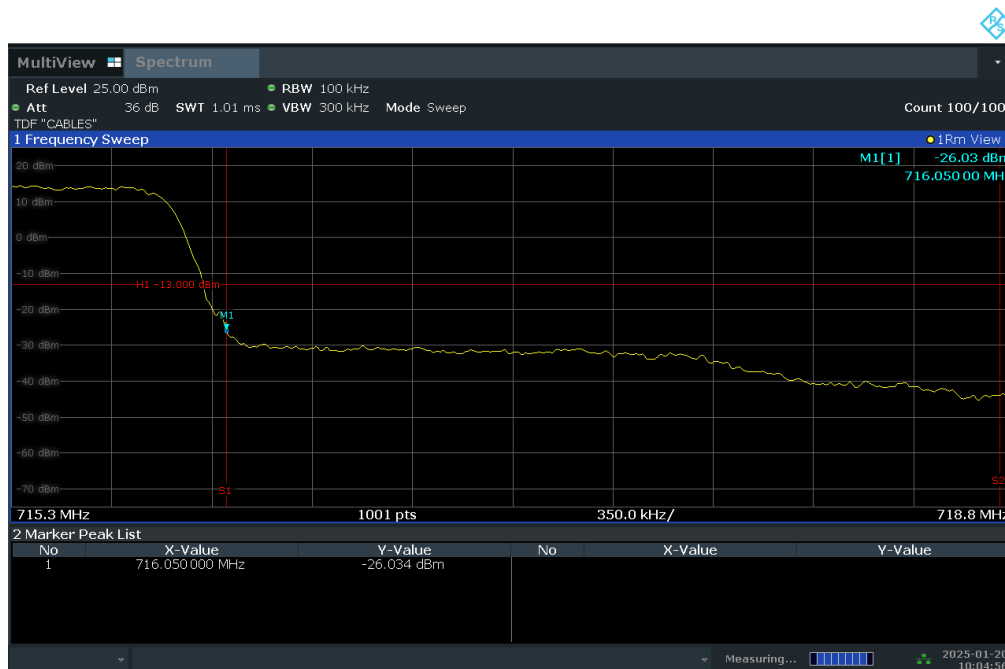
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10:03:41 AM 01/20/2025

**Plot 7-195. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB)**



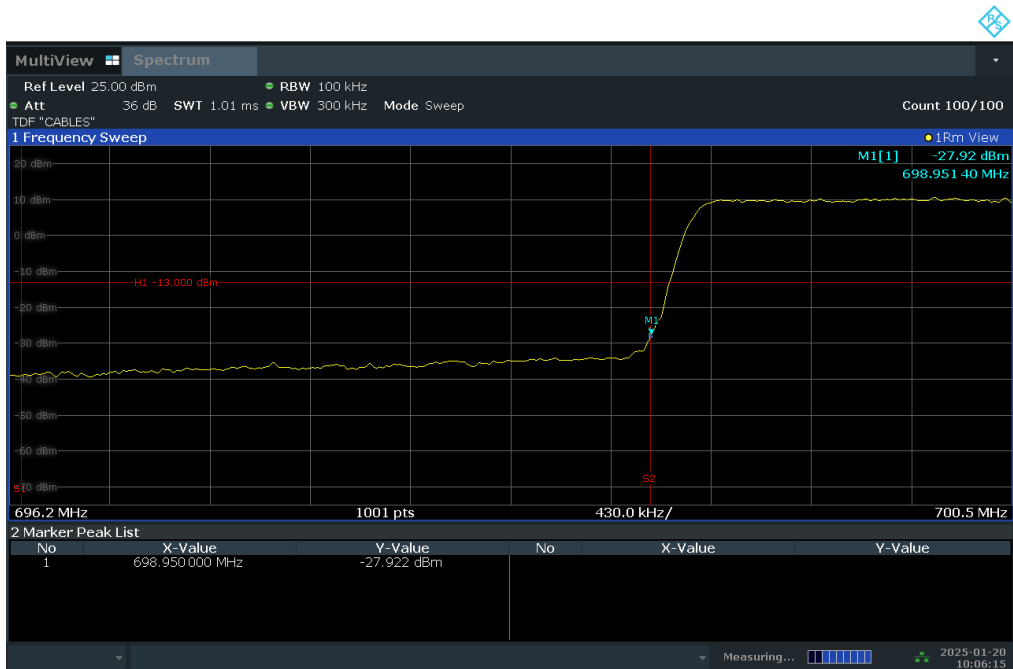
10:04:57 AM 01/20/2025

**Plot 7-196. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB)**

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 121 of 203

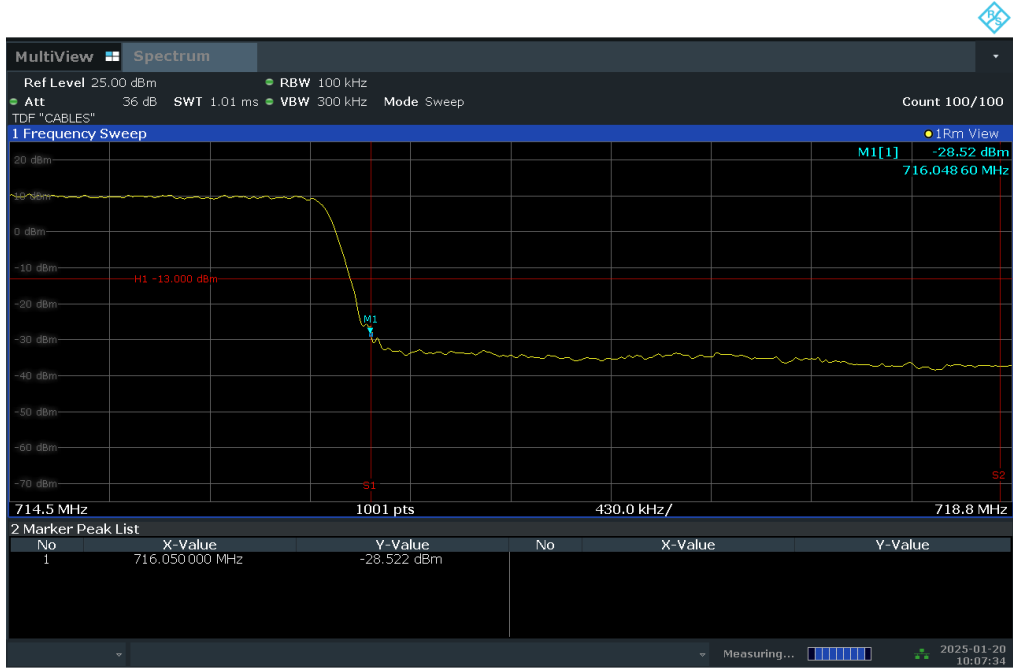
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10:06:16 AM 01/20/2025

Plot 7-197. Lower Band Edge Plot (LTE Band 12 - 3MHz QPSK – Full RB)



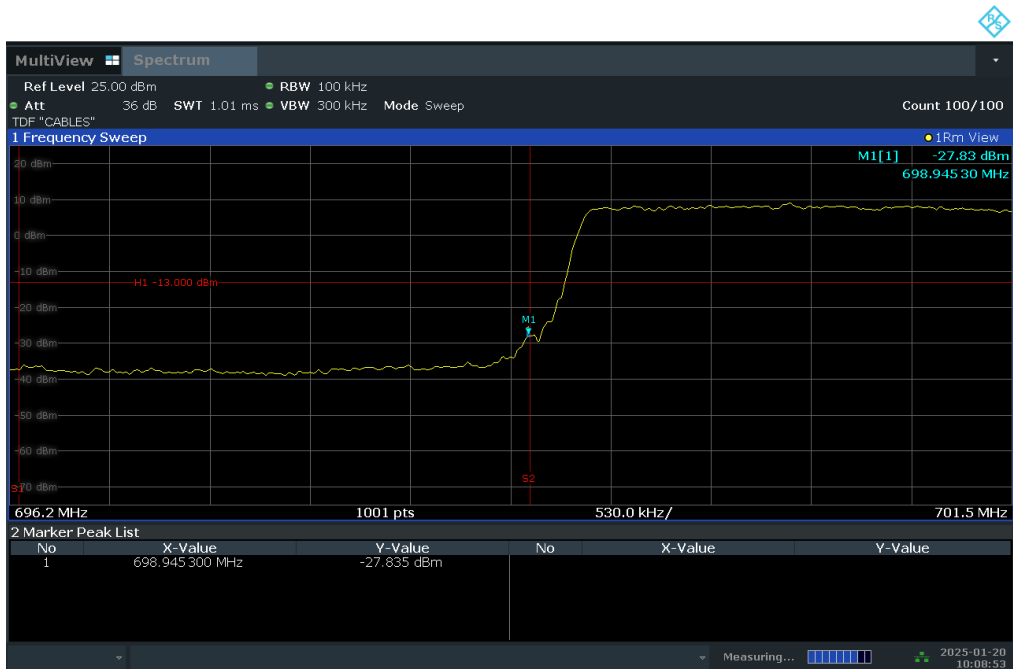
10:07:35 AM 01/20/2025

Plot 7-198. Upper Band Edge Plot (LTE Band 12 - 3MHz QPSK – Full RB)

FCC ID: BCG-A3281	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 122 of 203

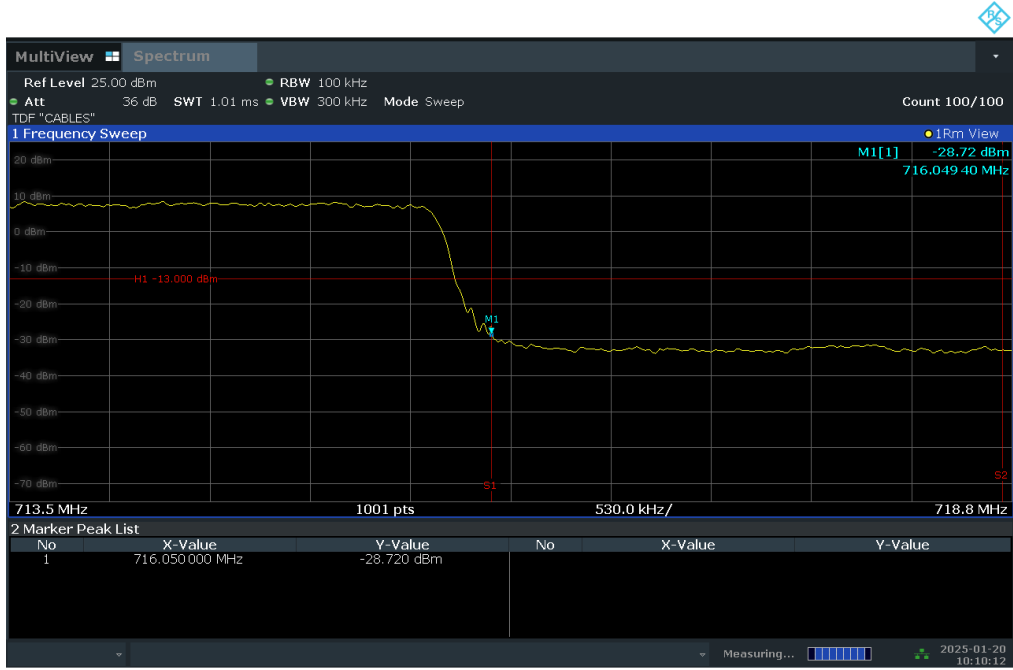
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10:08:54 AM 01/20/2025

Plot 7-199. Lower Band Edge Plot (LTE Band 12 - 5MHz QPSK – Full RB)



10:10:13 AM 01/20/2025

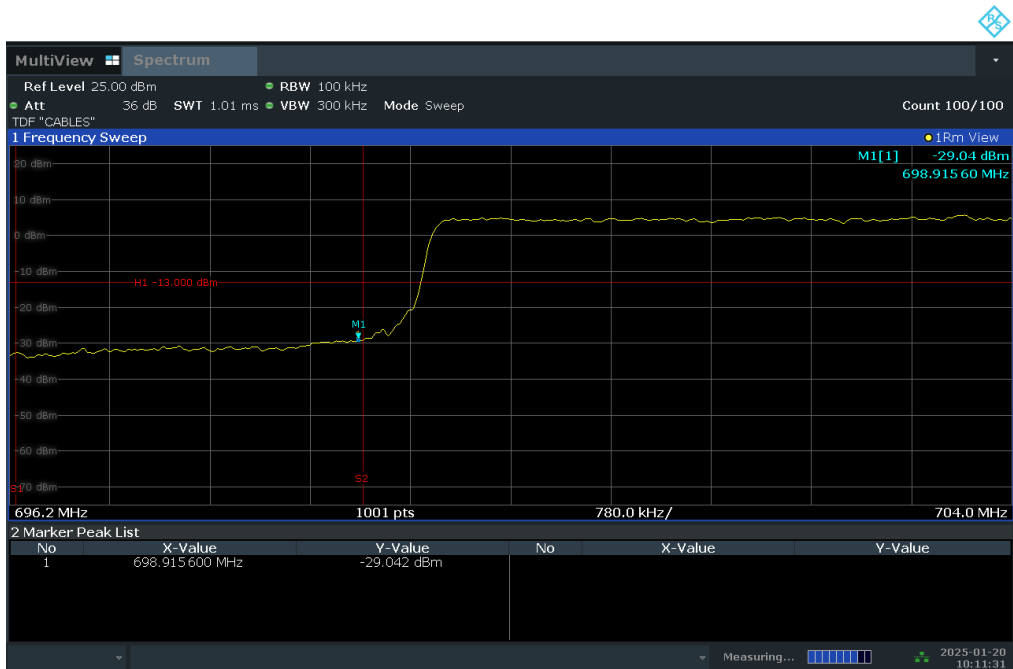
Plot 7-200. Upper Band Edge Plot (LTE Band 12 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3281	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 123 of 203

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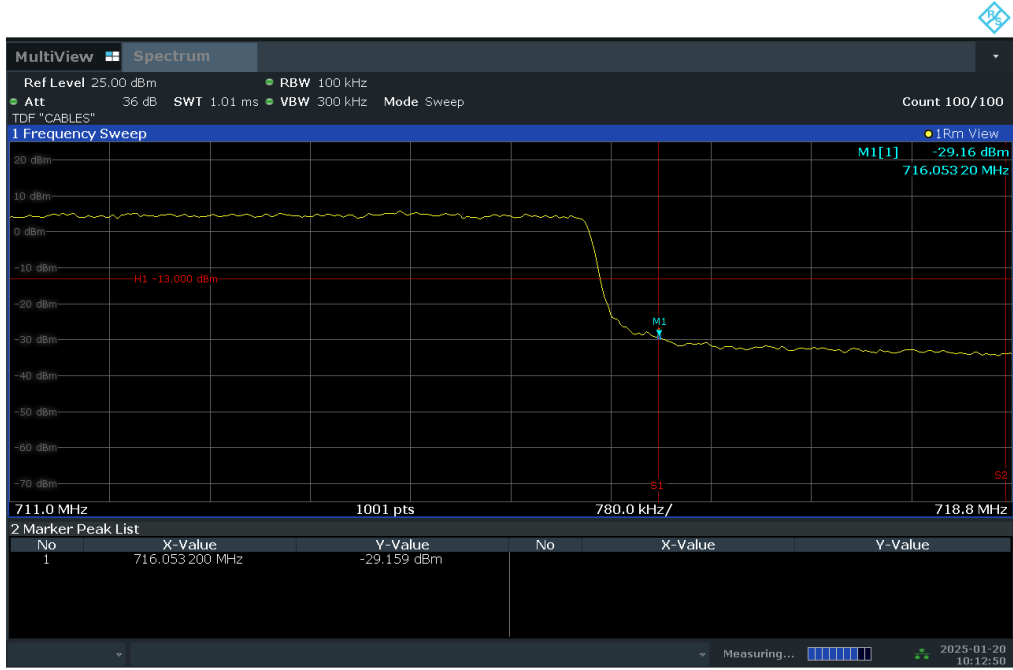
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10:11:32 AM 01/20/2025

Plot 7-201. Lower Band Edge Plot (LTE Band 12 - 10MHz QPSK – Full RB)



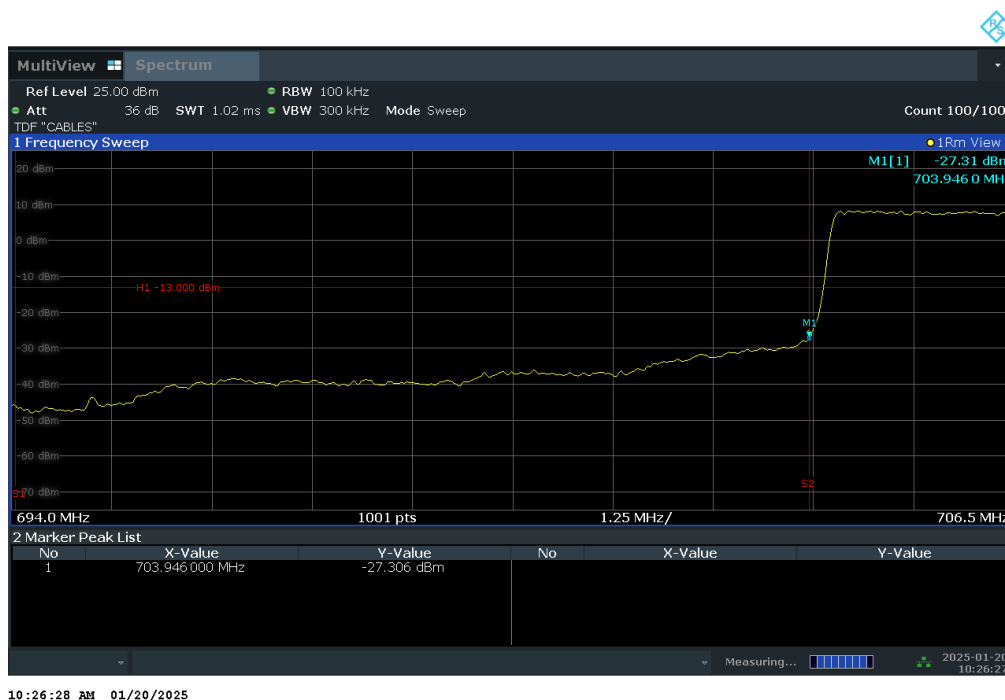
10:12:51 AM 01/20/2025

Plot 7-202. Upper Band Edge Plot (LTE Band 12 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3281	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 124 of 203

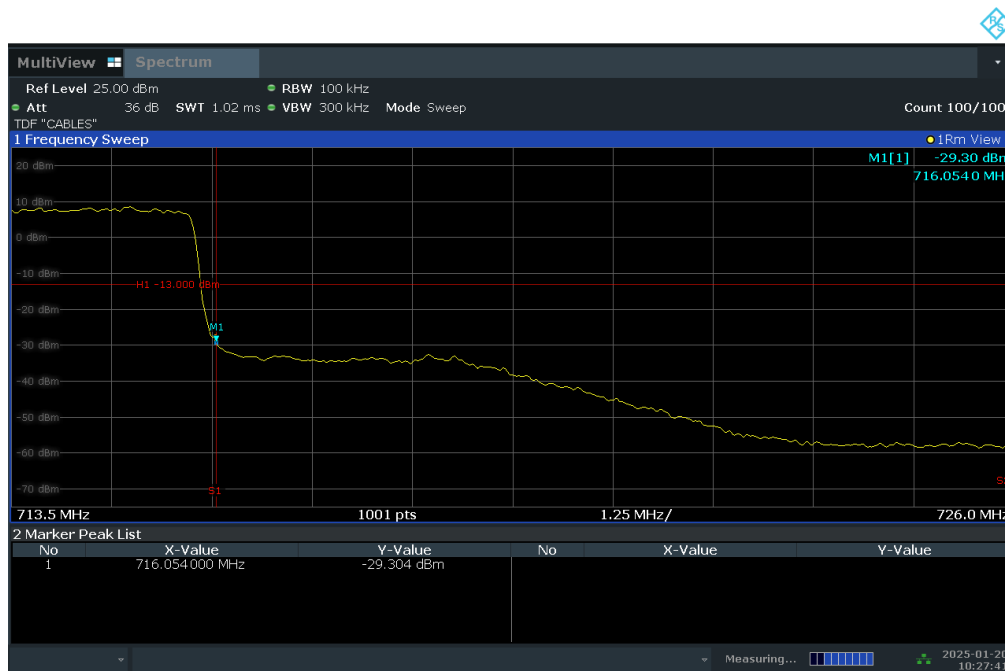
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10:26:28 AM 01/20/2025

**Plot 7-203. Lower Band Edge Plot (LTE Band 17 - 5MHz QPSK – Full RB)**



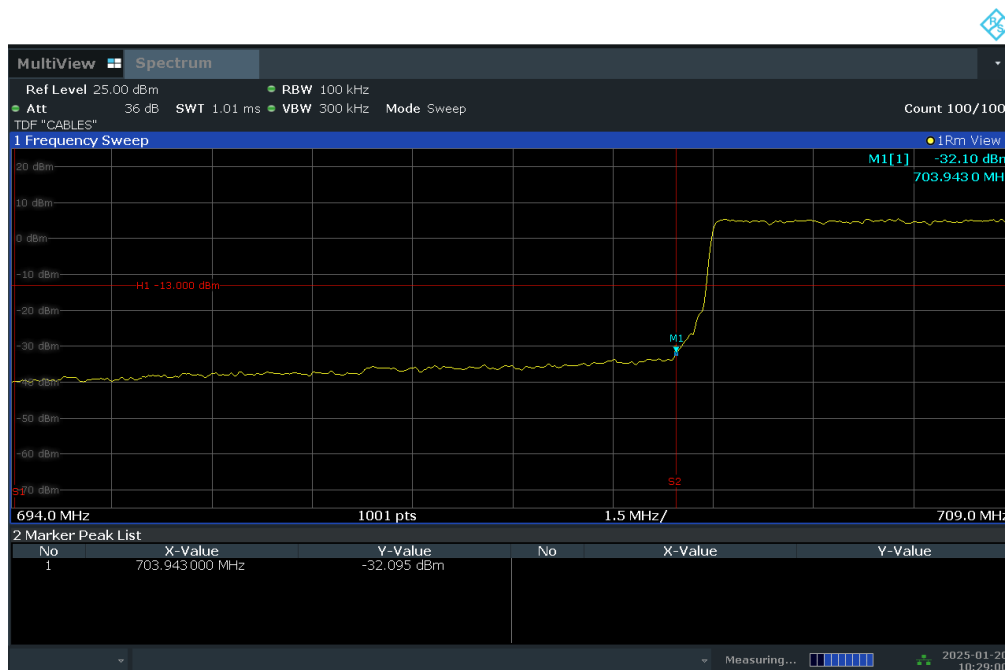
10:27:42 AM 01/20/2025

**Plot 7-204. Upper Band Edge Plot (LTE Band 17 - 5MHz QPSK – Full RB)**

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 125 of 203

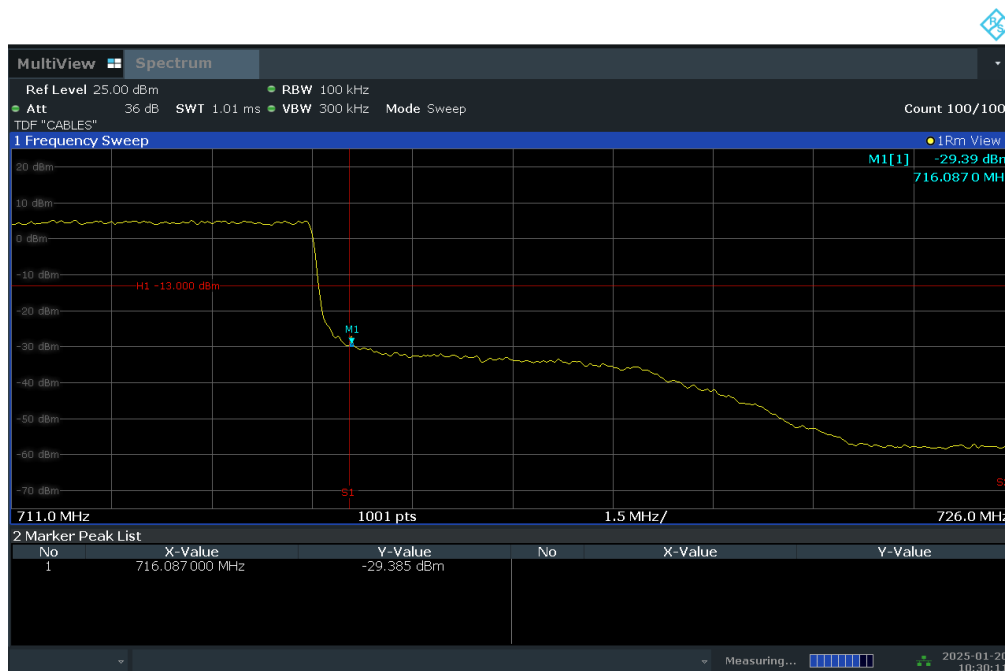
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10:29:01 AM 01/20/2025

Plot 7-205. Lower Band Edge Plot (LTE Band 17 - 10MHz QPSK – Full RB)



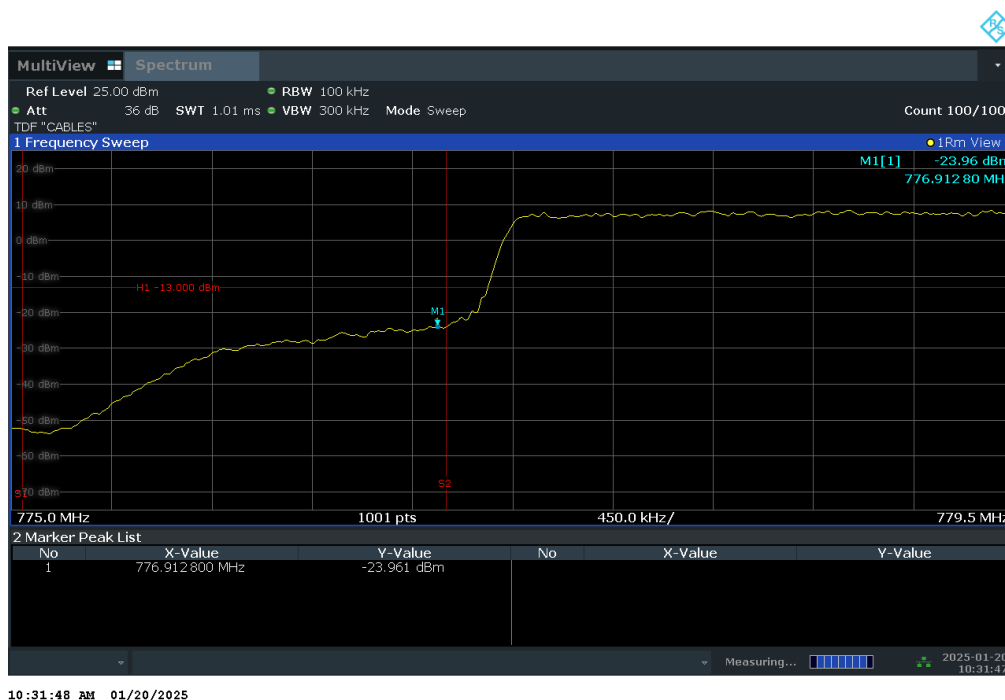
10:30:12 AM 01/20/2025

Plot 7-206. Upper Band Edge Plot (LTE Band 17 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 126 of 203

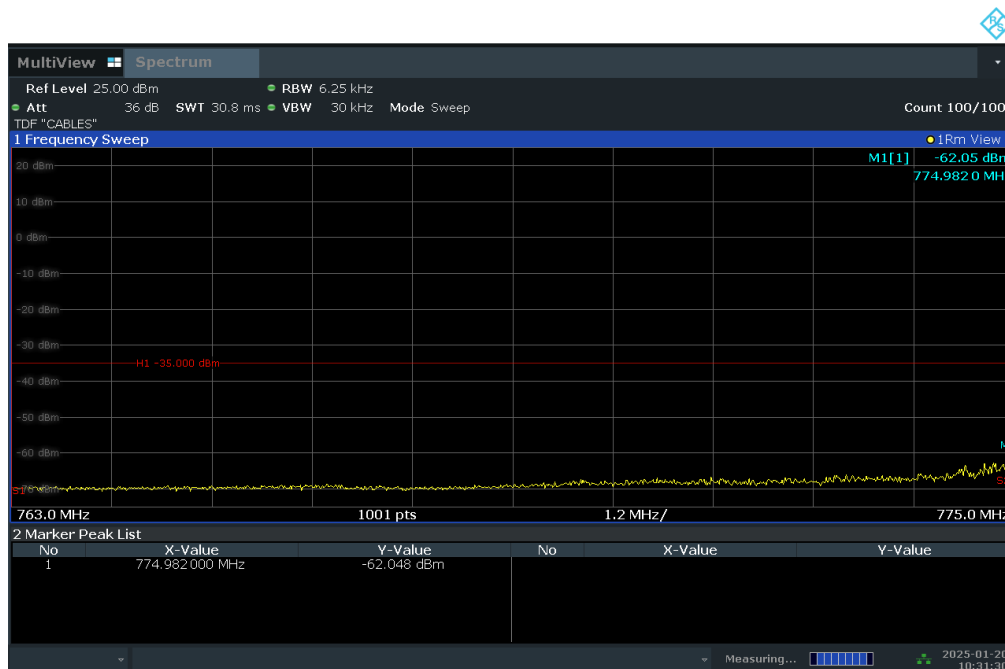
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10:31:48 AM 01/20/2025

**Plot 7-207. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)**



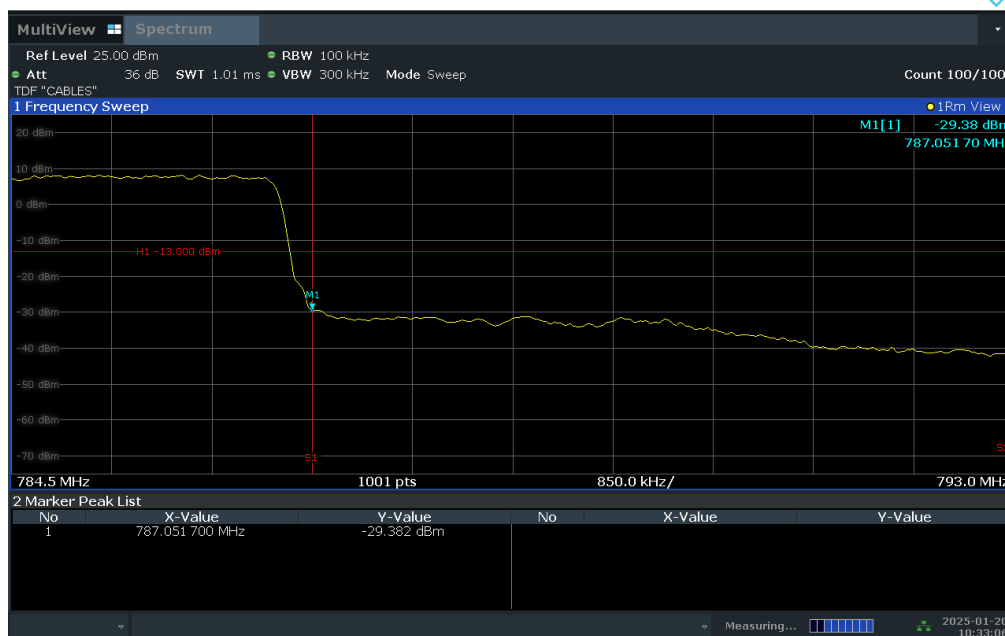
10:31:31 AM 01/20/2025

**Plot 7-208. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB)**

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 127 of 203

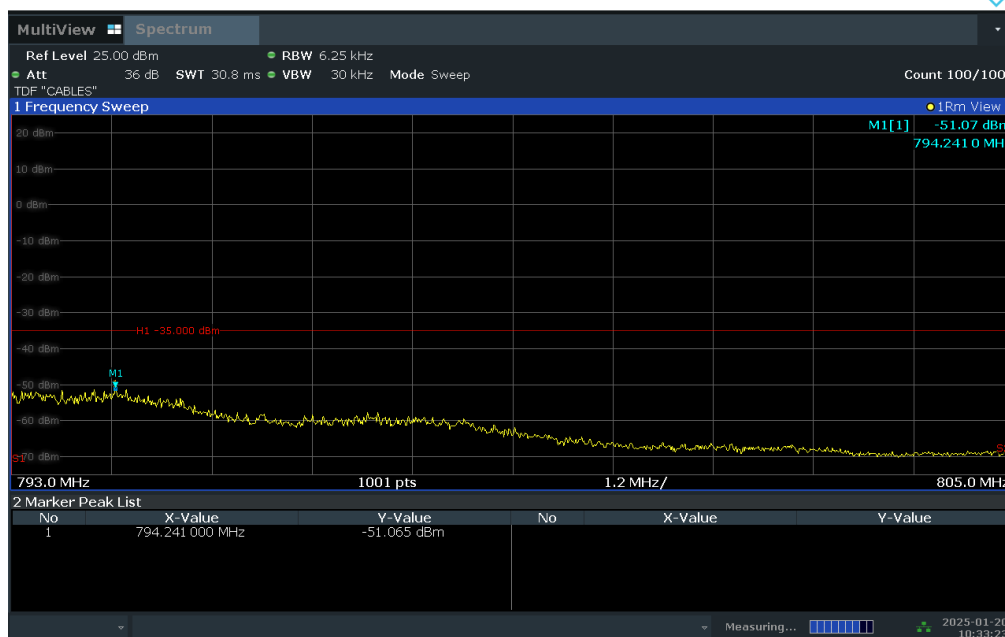
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10:33:07 AM 01/20/2025

Plot 7-209. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)



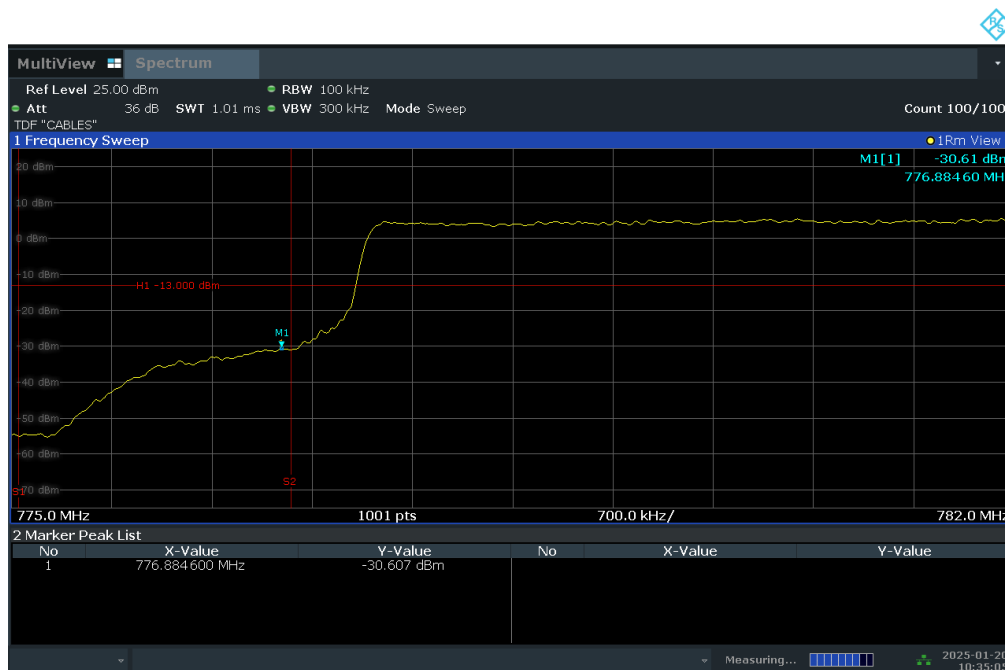
10:33:24 AM 01/20/2025

Plot 7-210. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB)

FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 128 of 203

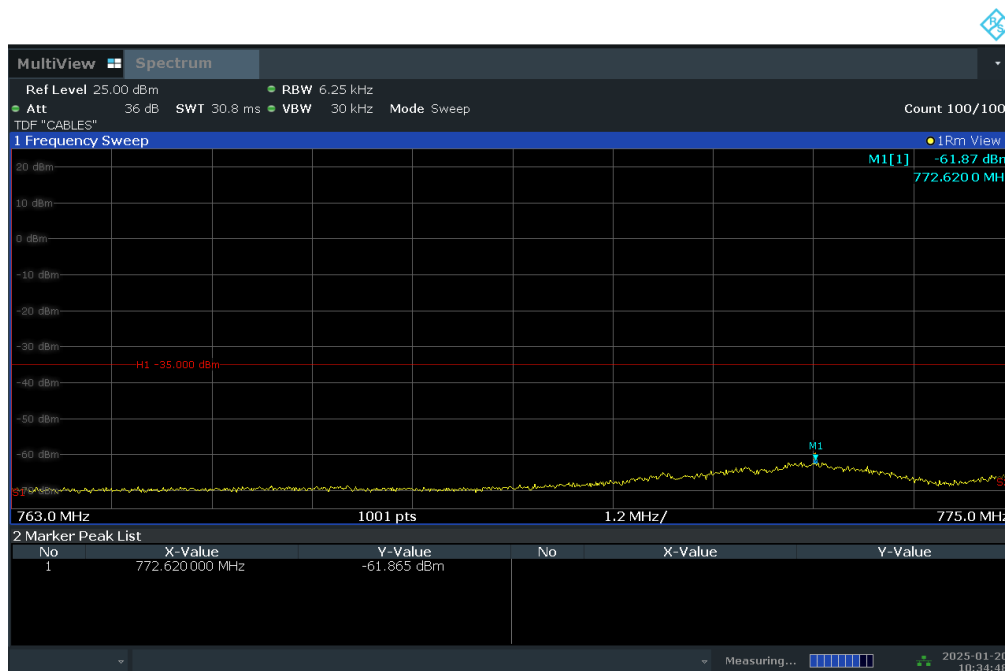
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10:35:06 AM 01/20/2025

Plot 7-211. Lower Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)



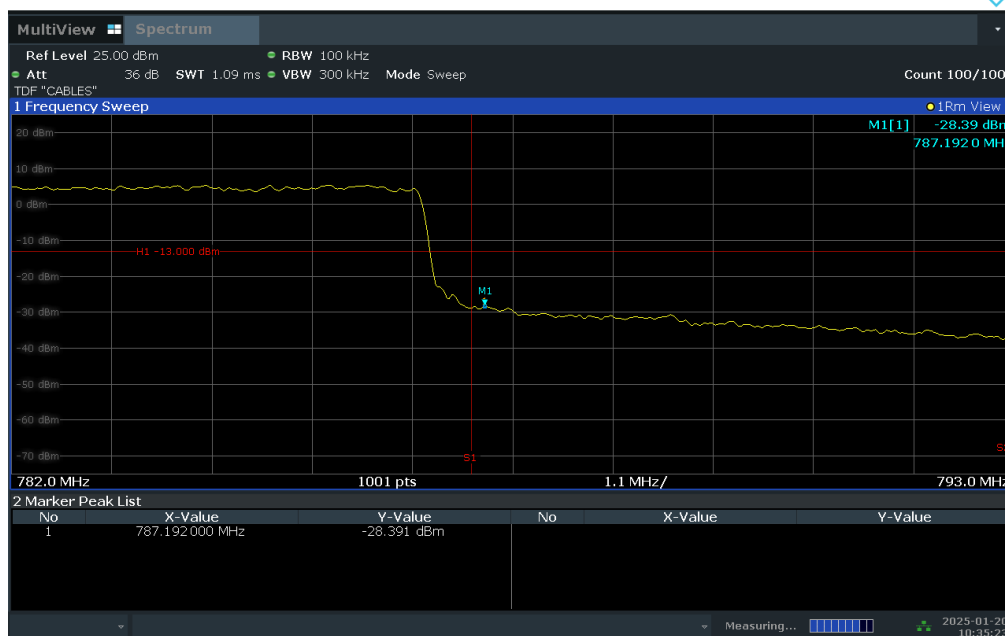
10:34:49 AM 01/20/2025

Plot 7-212. Lower Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 129 of 203

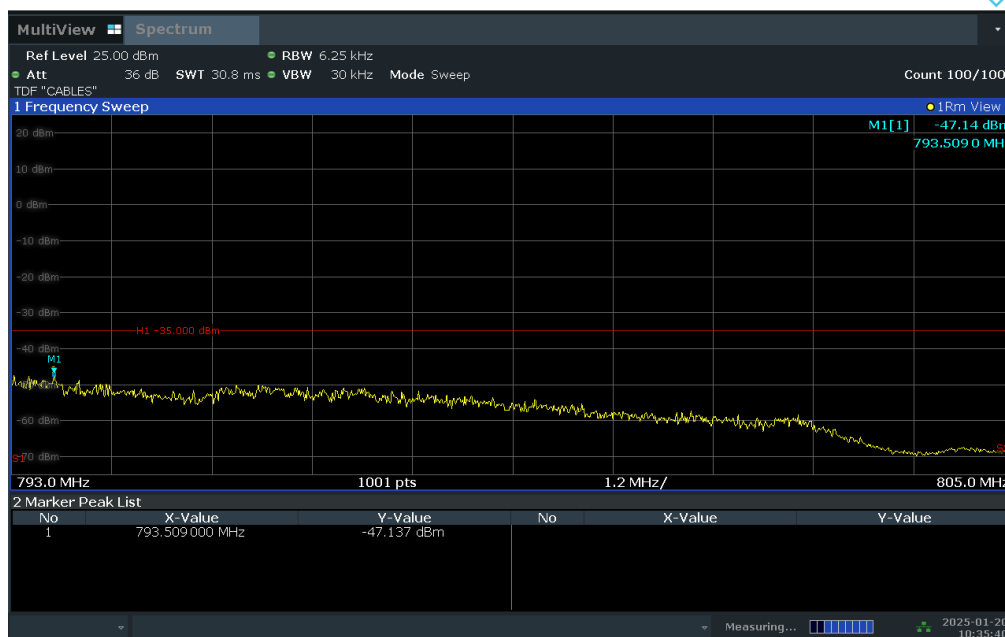
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10:35:24 AM 01/20/2025

Plot 7-213. Upper Band Edge Plot (LTE Band 13 - 10MHz QPSK – Full RB)



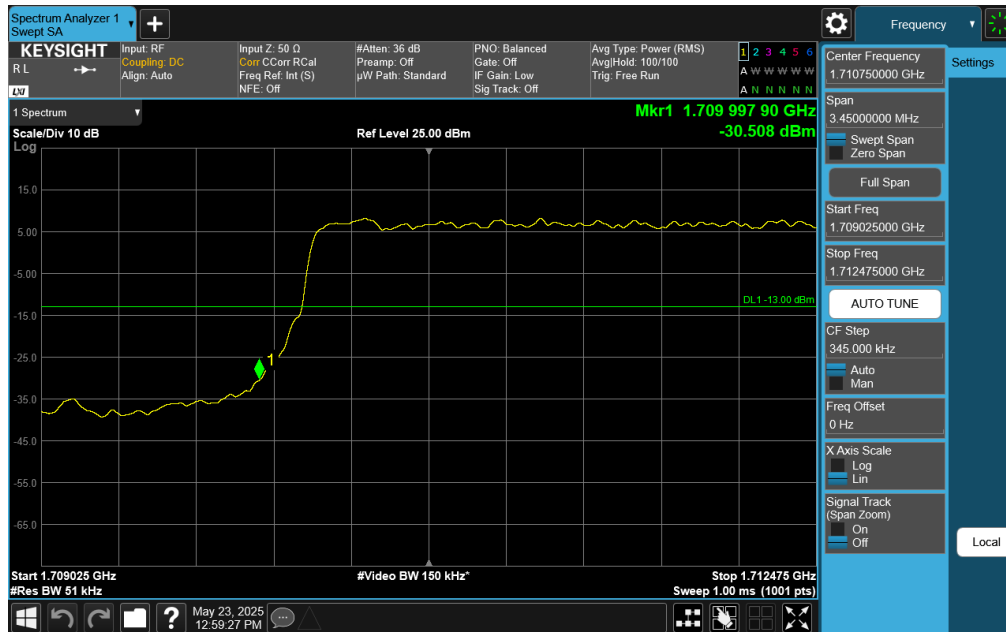
10:35:41 AM 01/20/2025

Plot 7-214. Upper Emission Mask Plot (LTE Band 13 - 10MHz QPSK – Full RB)

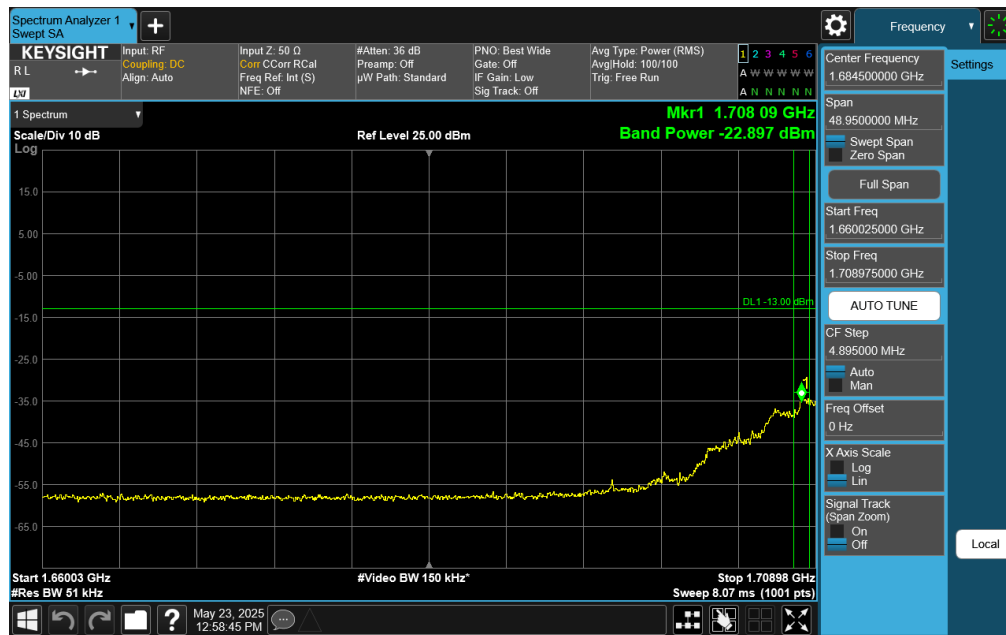
FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 130 of 203

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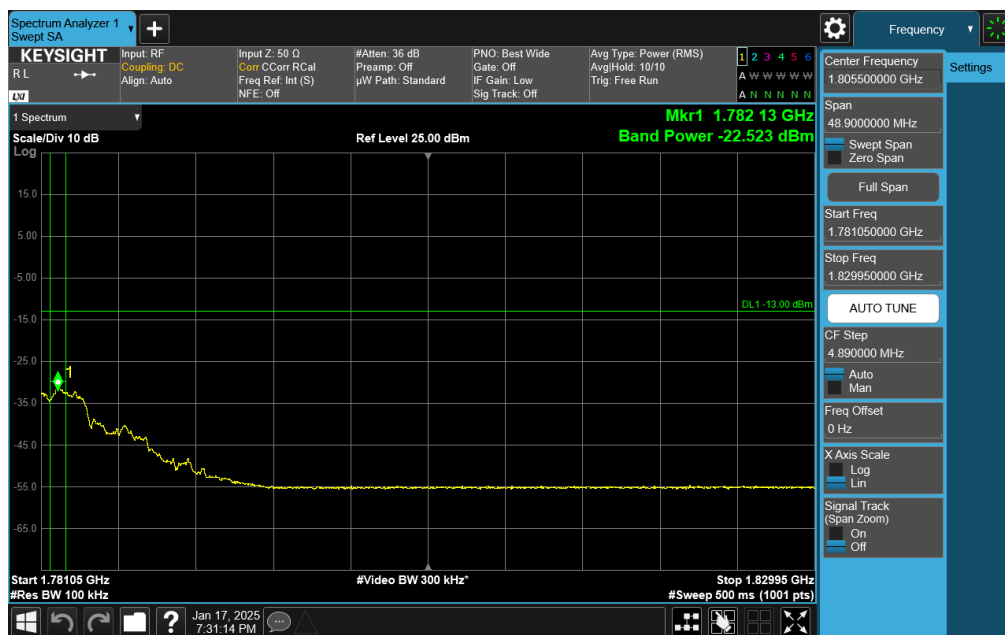
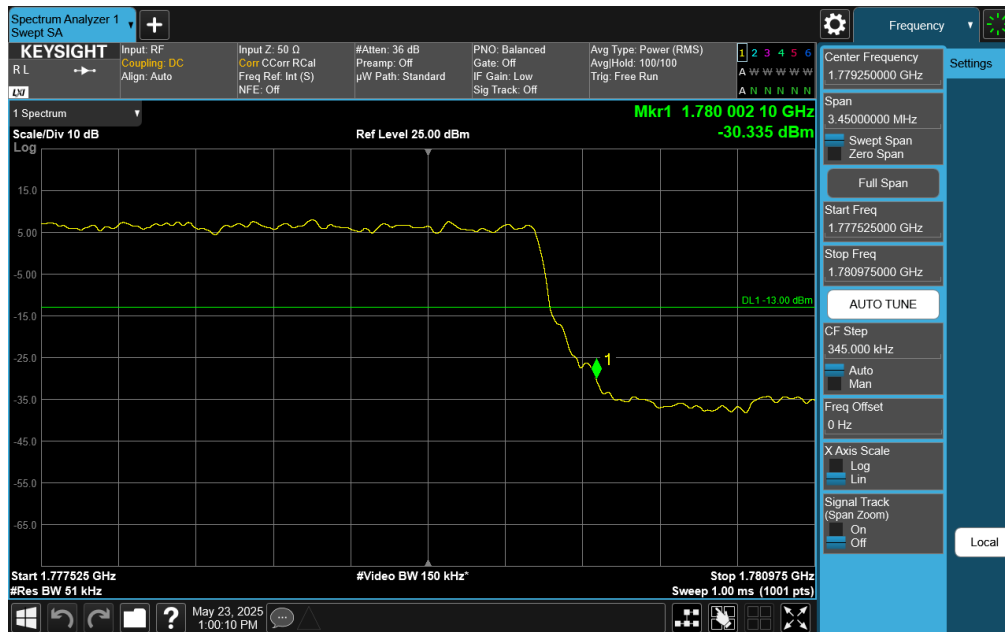
Plot 7-215. Lower Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)



Plot 7-216. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 131 of 203

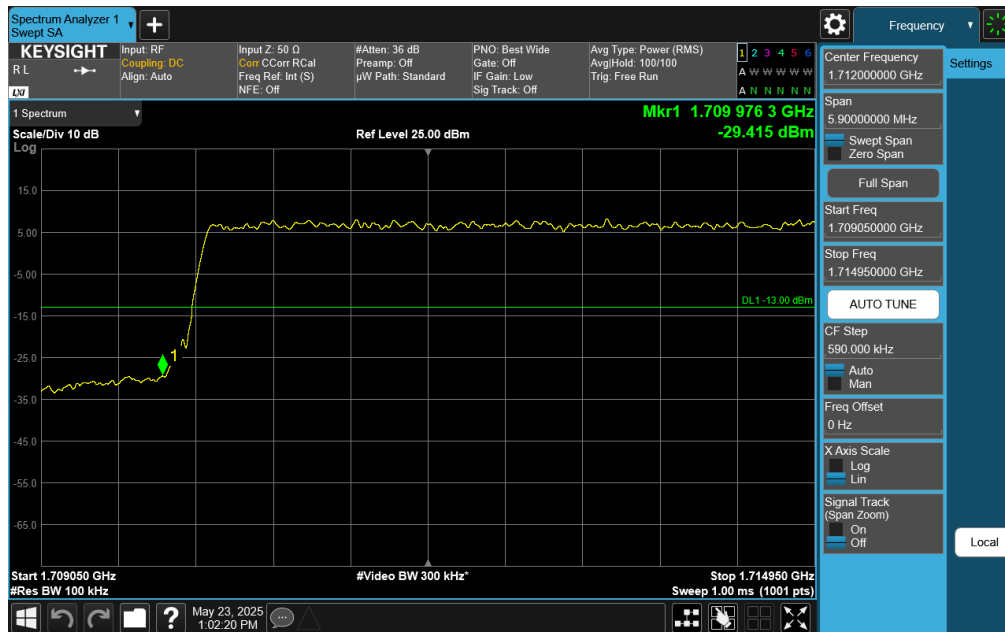




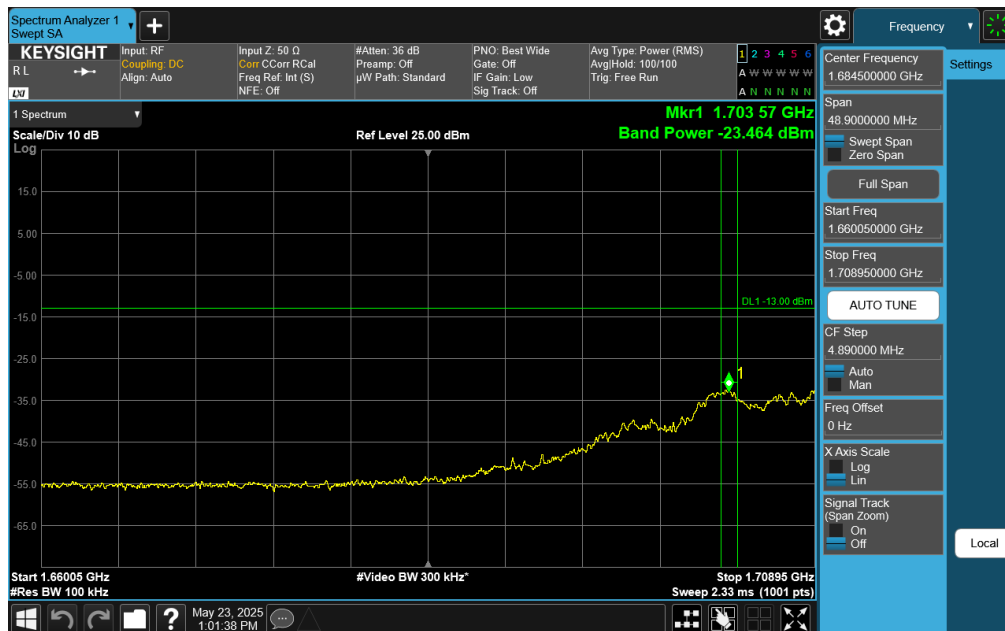
FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 132 of 203

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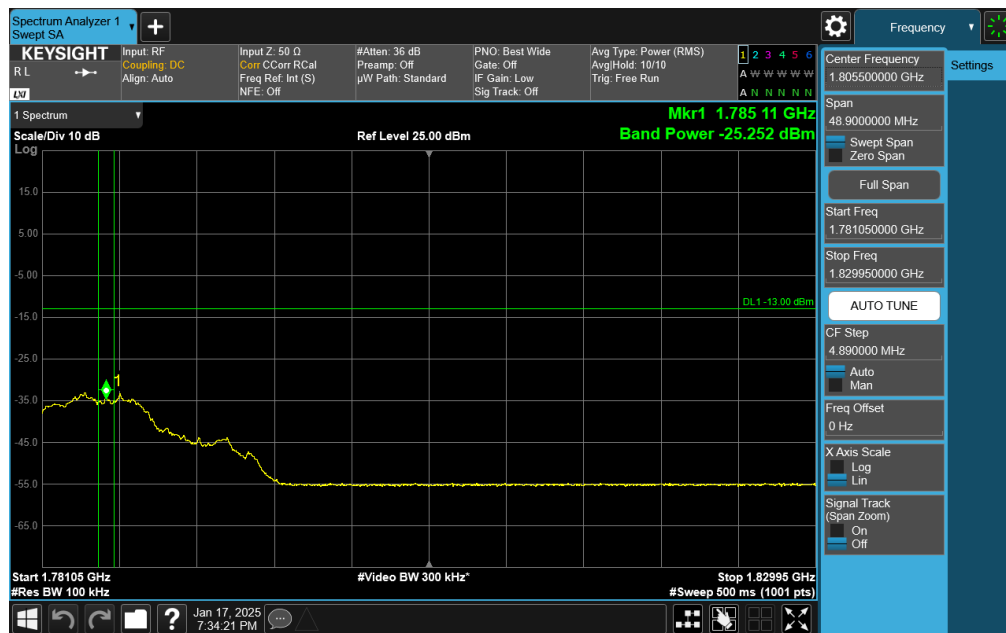
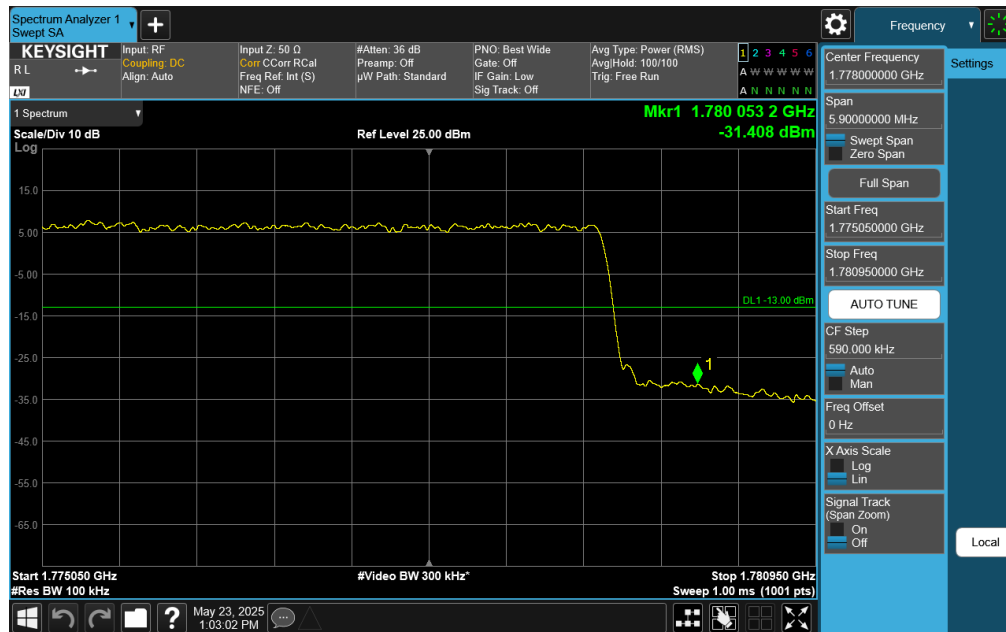
Plot 7-219. Lower Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)



Plot 7-220. Lower Extended Band Edge Plot (NR Band n66 – 10.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 133 of 203

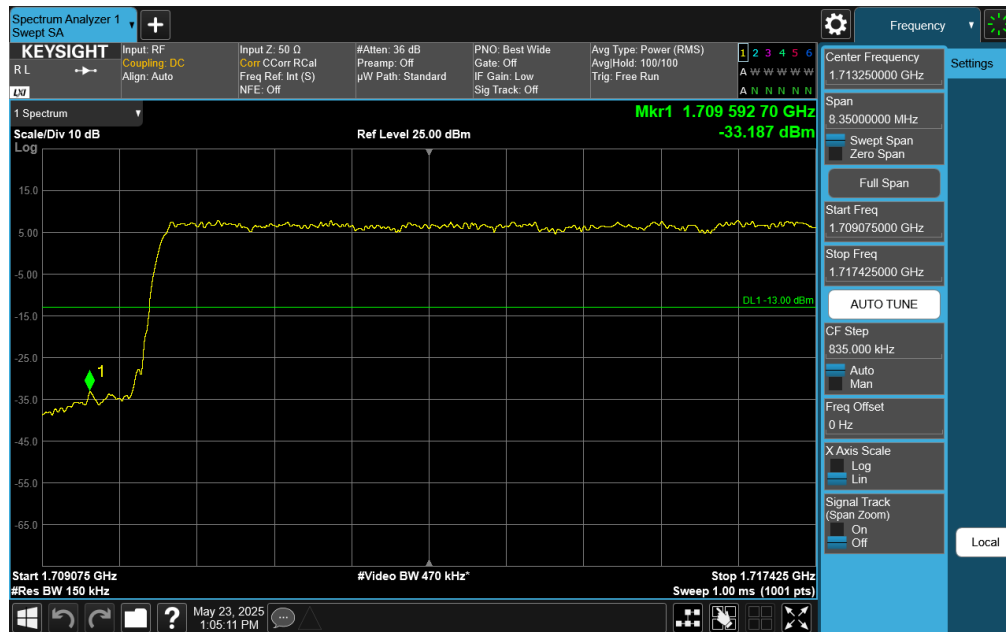
V2.2 09/07/2023



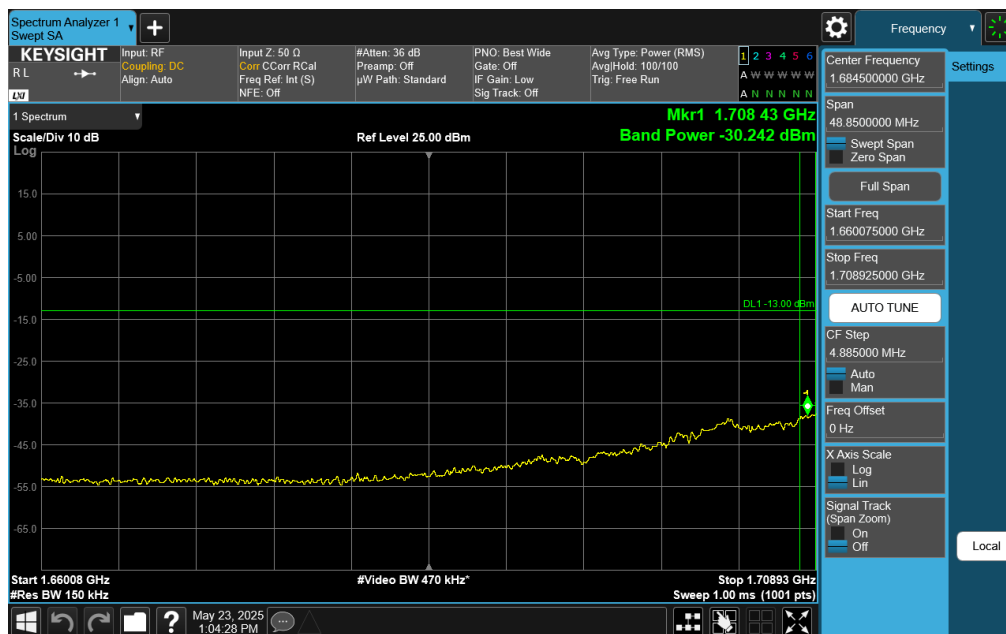
FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 134 of 203

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Plot 7-223. Lower Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

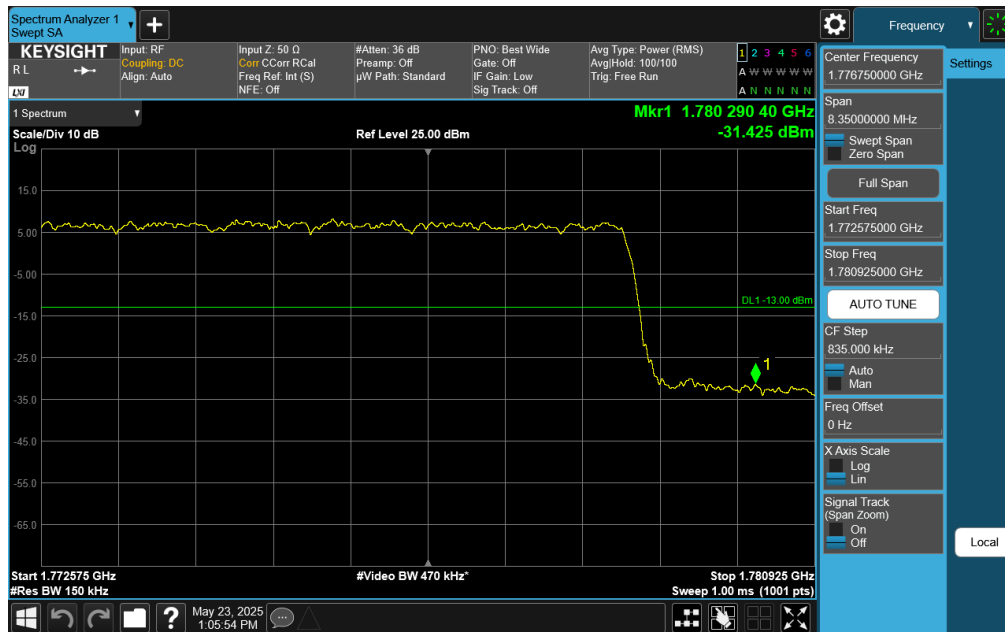


Plot 7-224. Lower Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

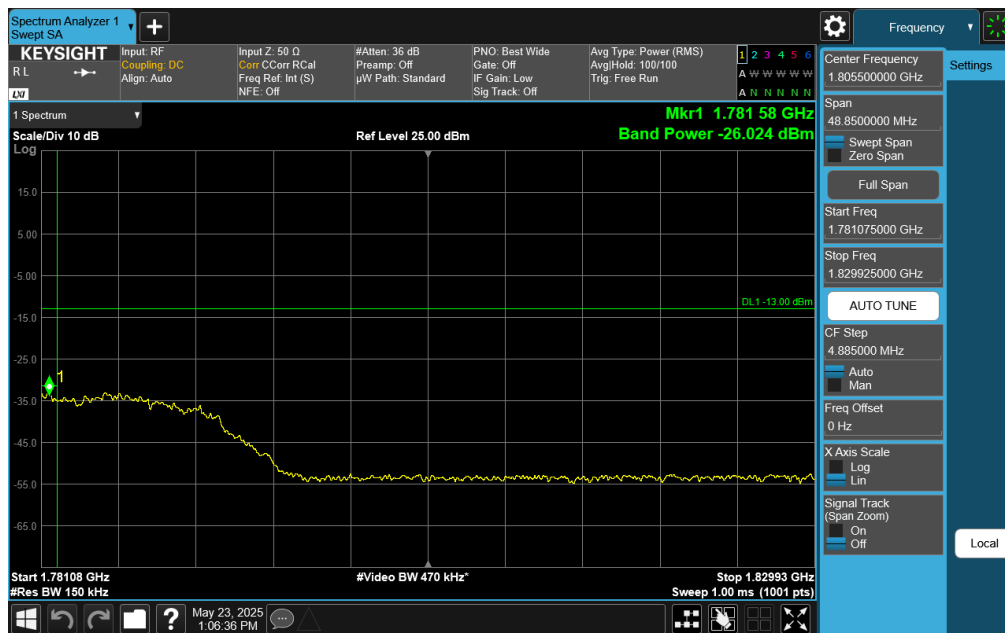
FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 135 of 203

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Plot 7-225. Upper Band Edge Plot (NR Band n66 – 15.0MHz DFT -OFDM  $\pi/2$  BPSK - Full RB)

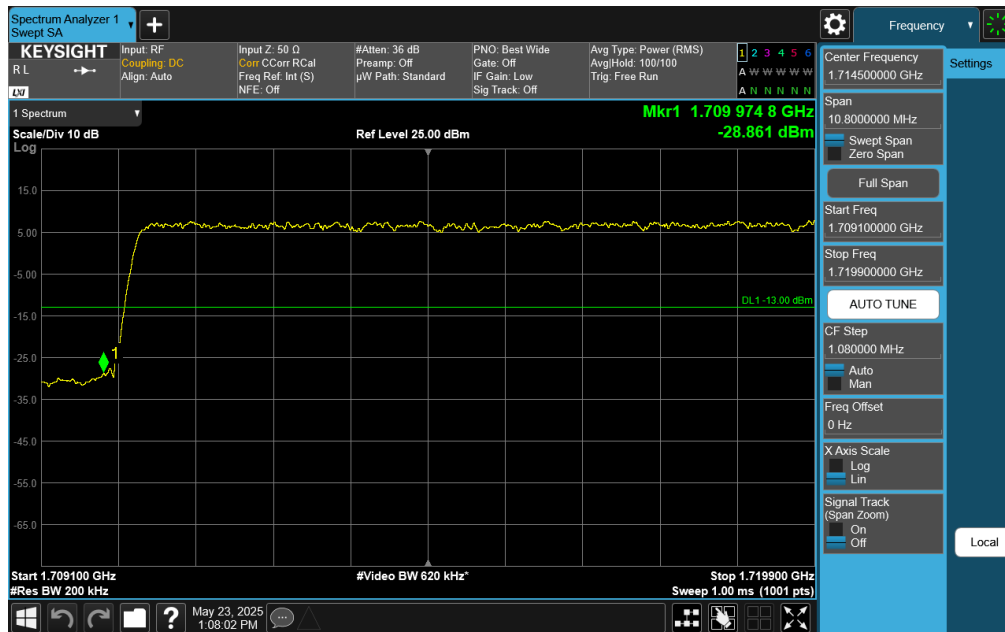


Plot 7-226. Upper Extended Band Edge Plot (NR Band n66 – 15.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

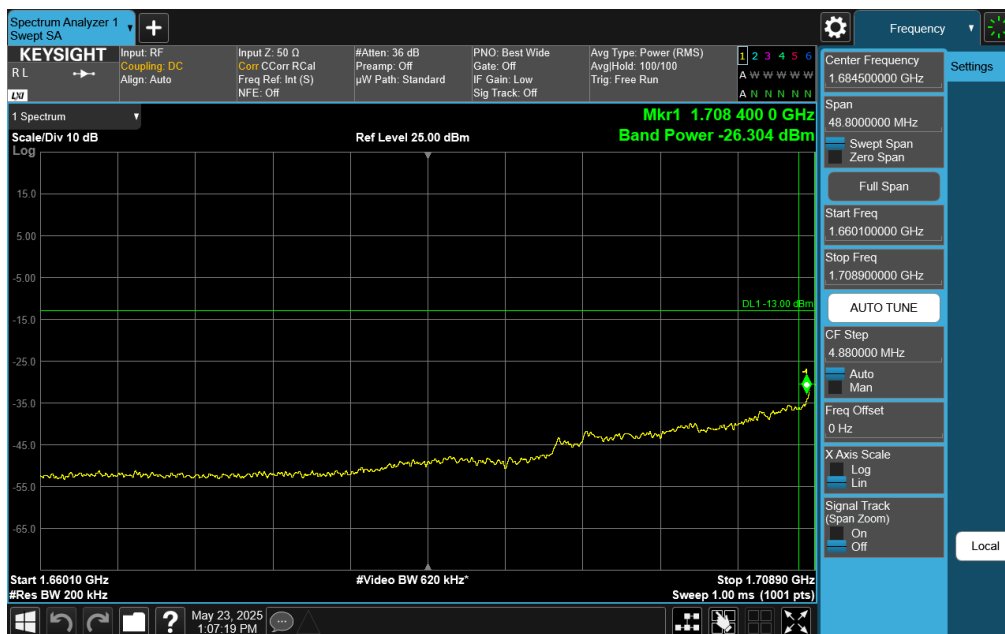
FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1C2503270029-05.BCG	Test Dates: 01/17/2025 - 07/14/2025	EUT Type: Watch	Page 136 of 203

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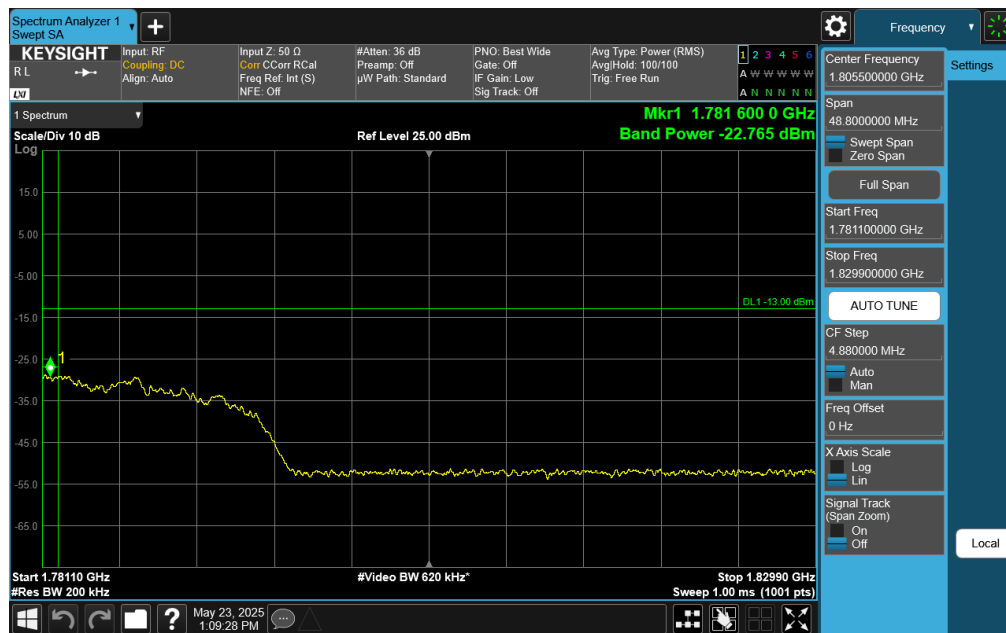
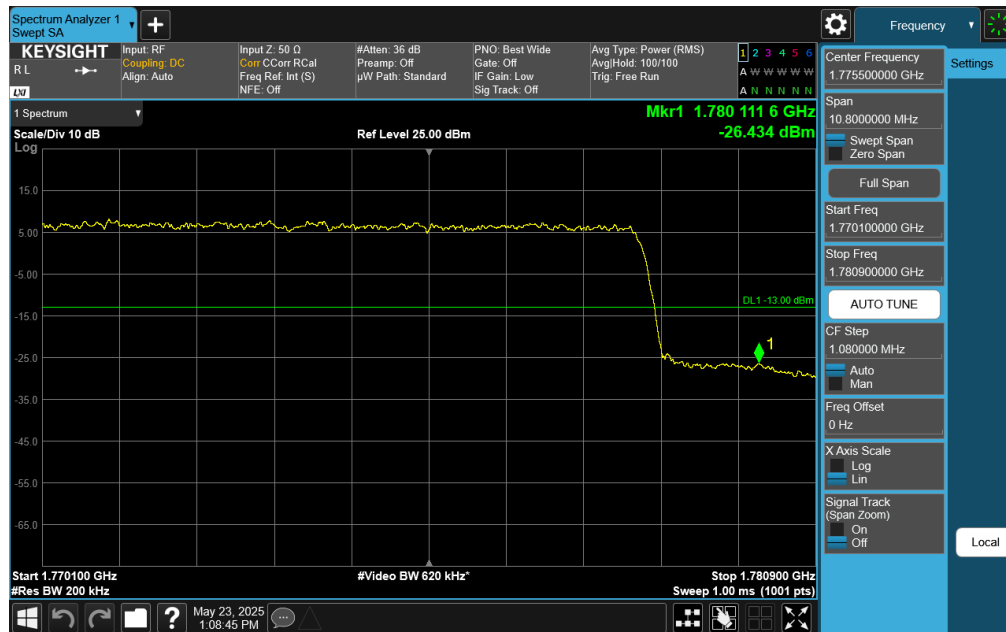
Plot 7-227. Lower Band Edge Plot (NR Band n66 – 20.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)



Plot 7-228. Lower Extended Band Edge Plot (NR Band n66 – 20.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
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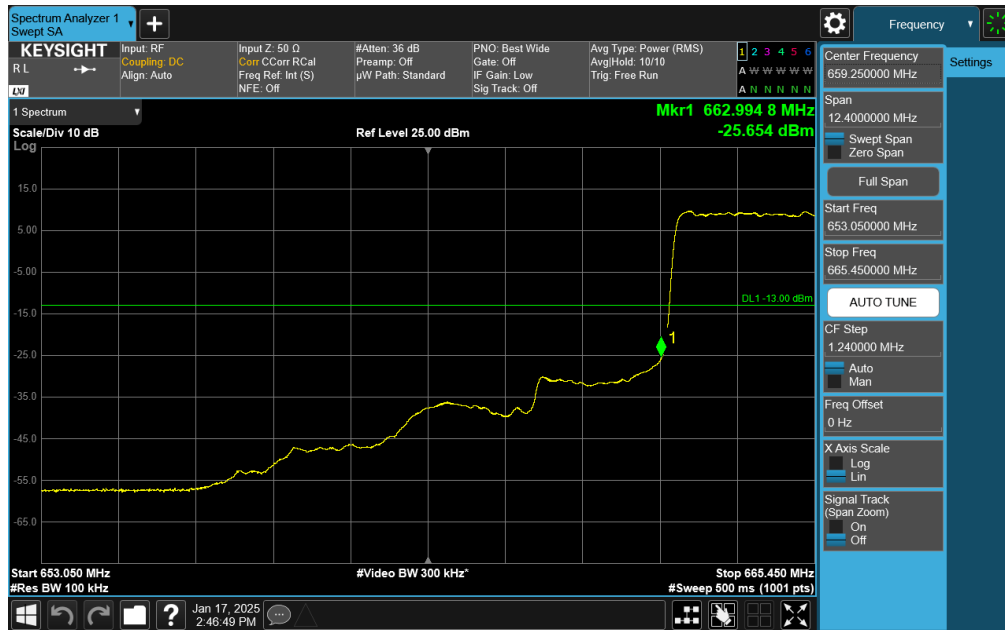


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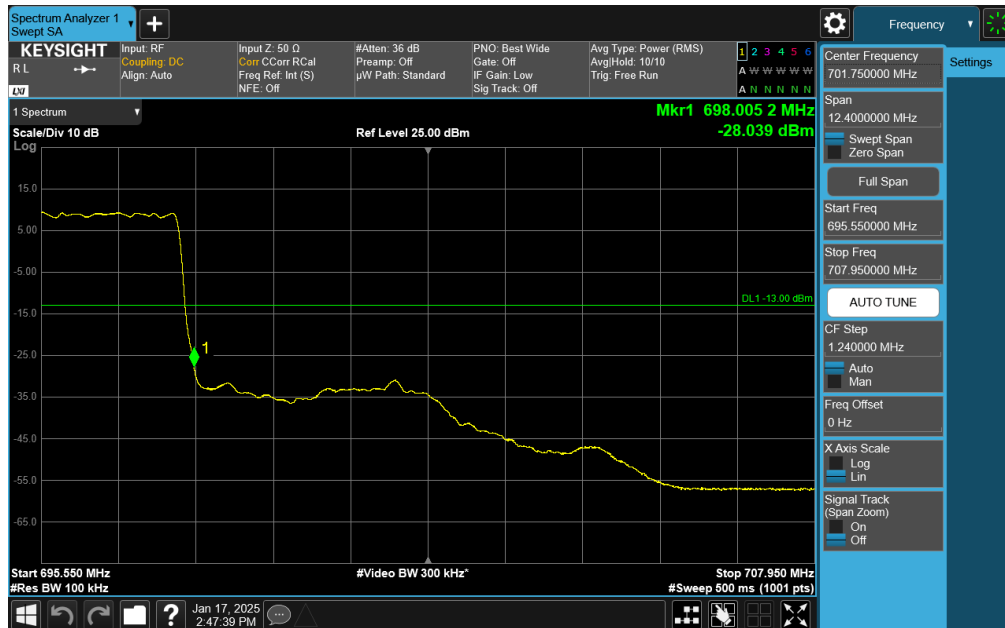
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## NR Band n71



Plot 7-231. Lower Band Edge Plot (NR Band n71 – 5.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)



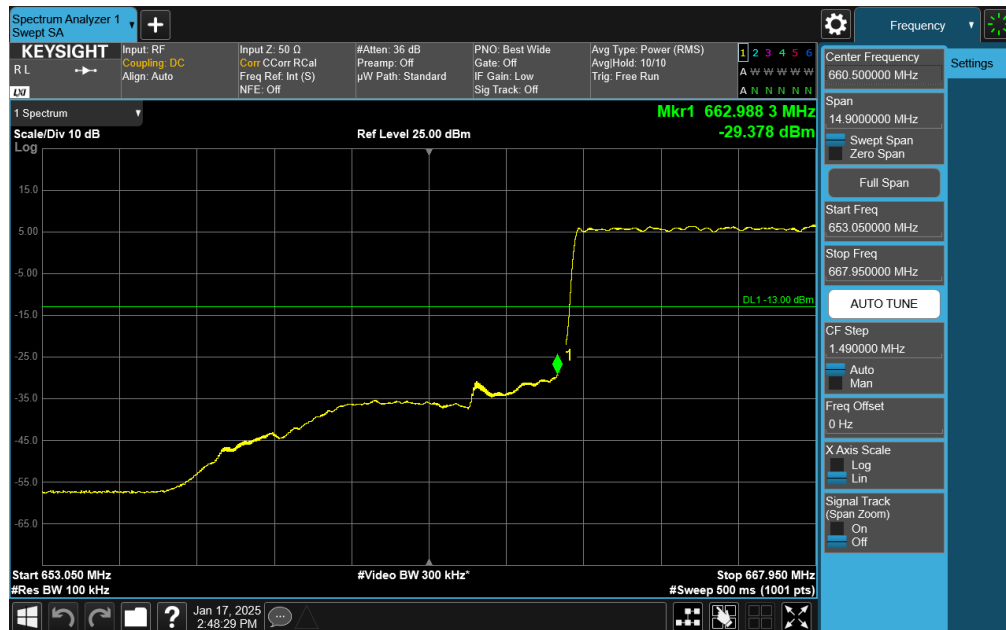
Plot 7-232. Upper Band Edge Plot (NR Band n71 – 5.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

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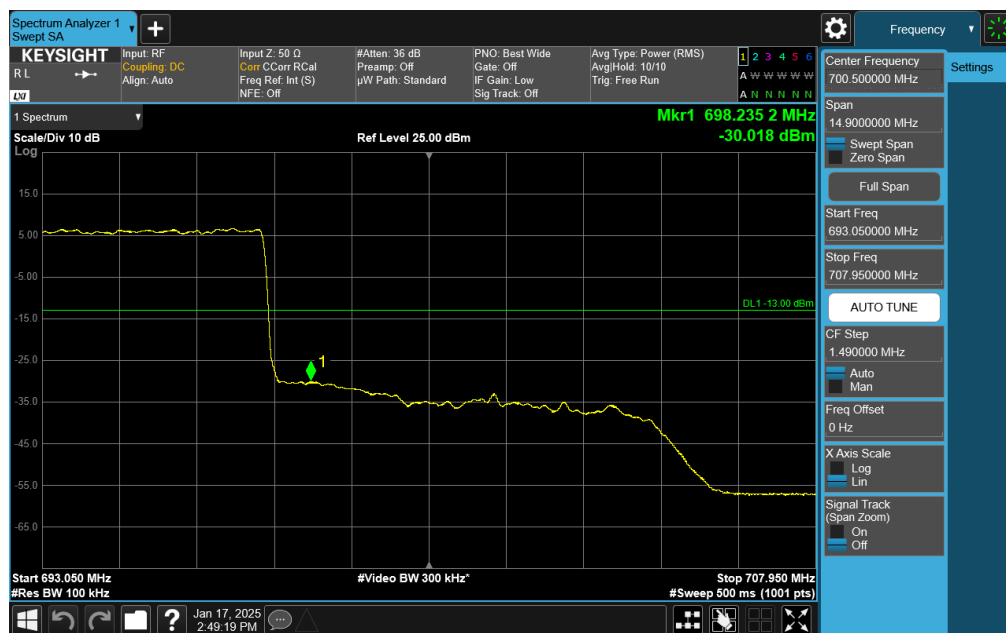
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Plot 7-233. Lower Band Edge Plot (NR Band n71 – 10.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

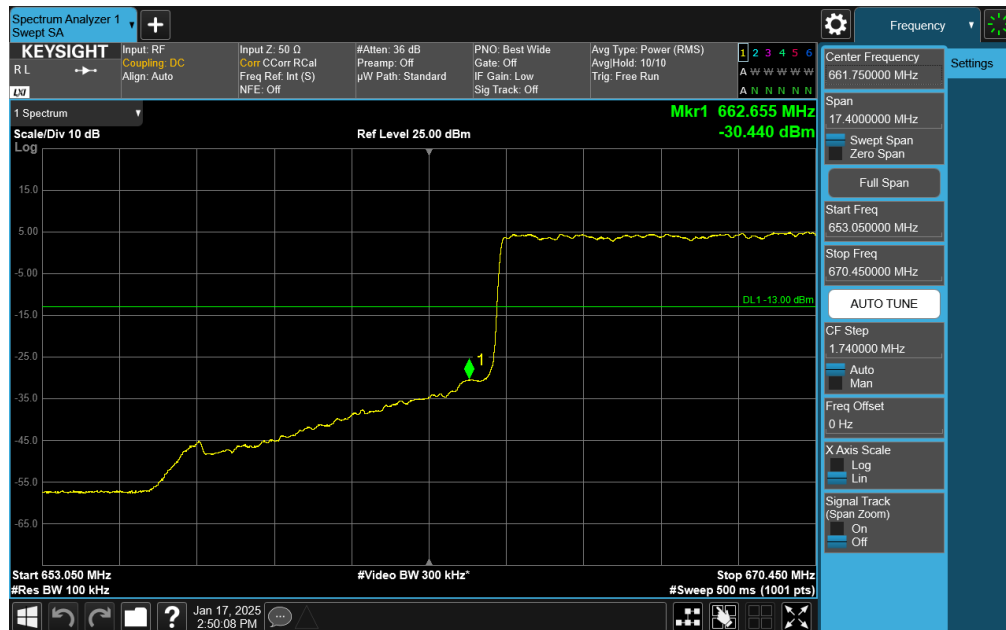


Plot 7-234. Upper Band Edge Plot (NR Band n71 – 10.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

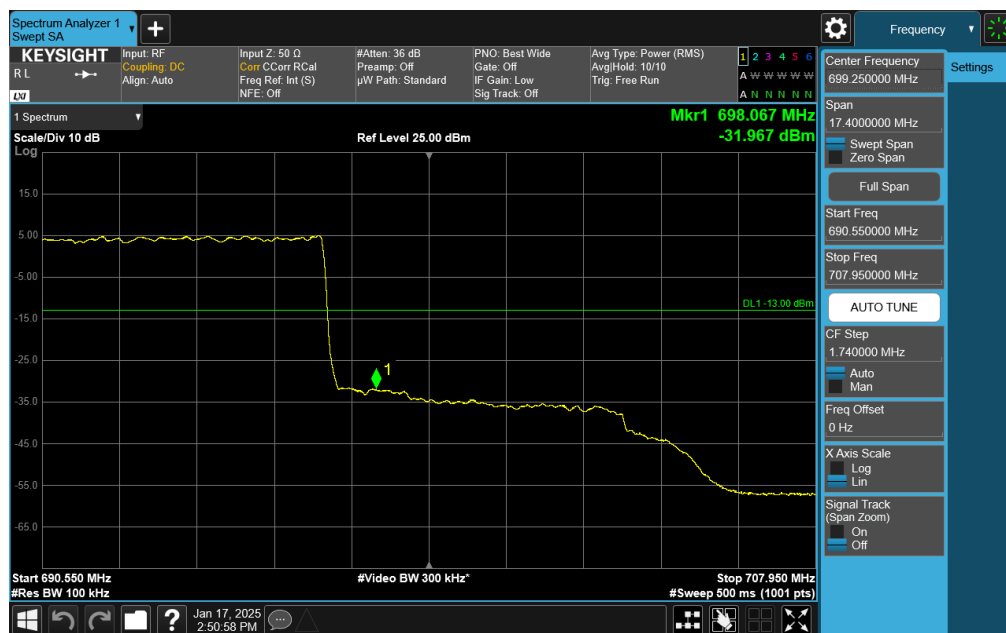
FCC ID: BCG-A3281	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
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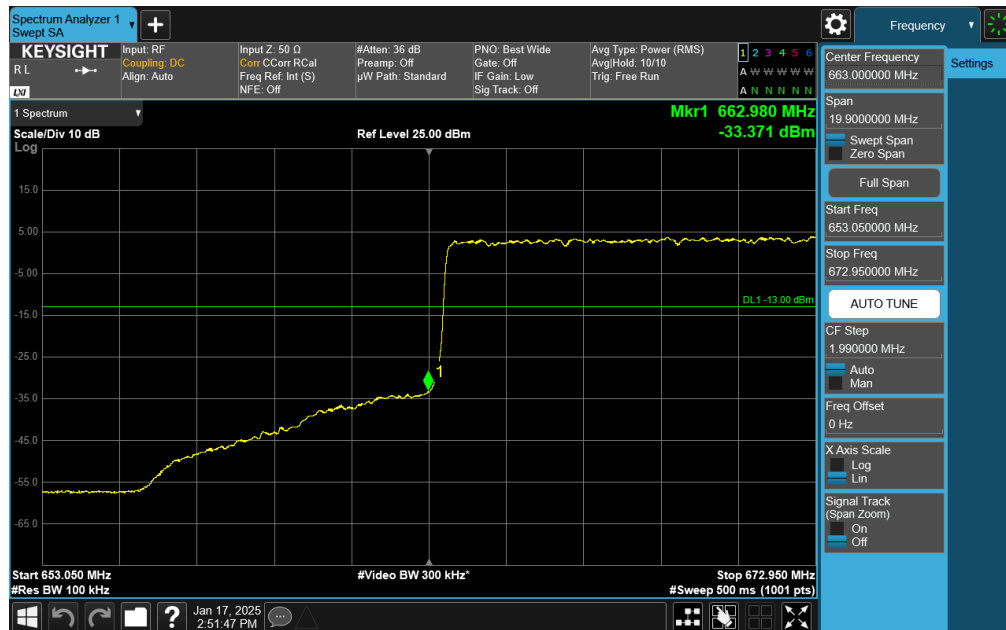
Plot 7-235. Lower Band Edge Plot (NR Band n71 – 15.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)



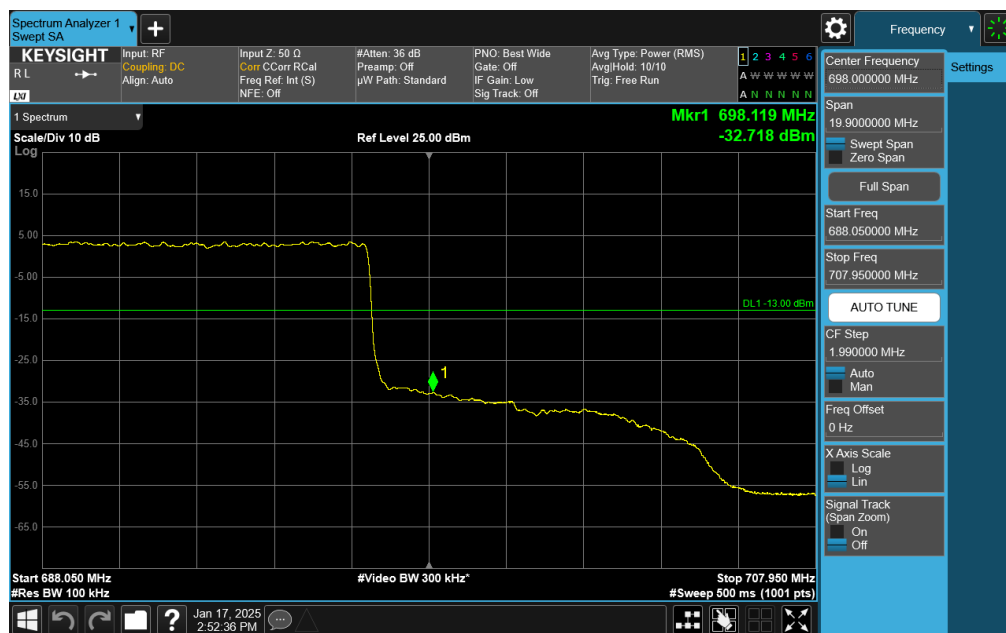
Plot 7-236. Upper Band Edge Plot (NR Band n71 – 15.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

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Plot 7-237. Lower Band Edge Plot (NR Band n71 – 20.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

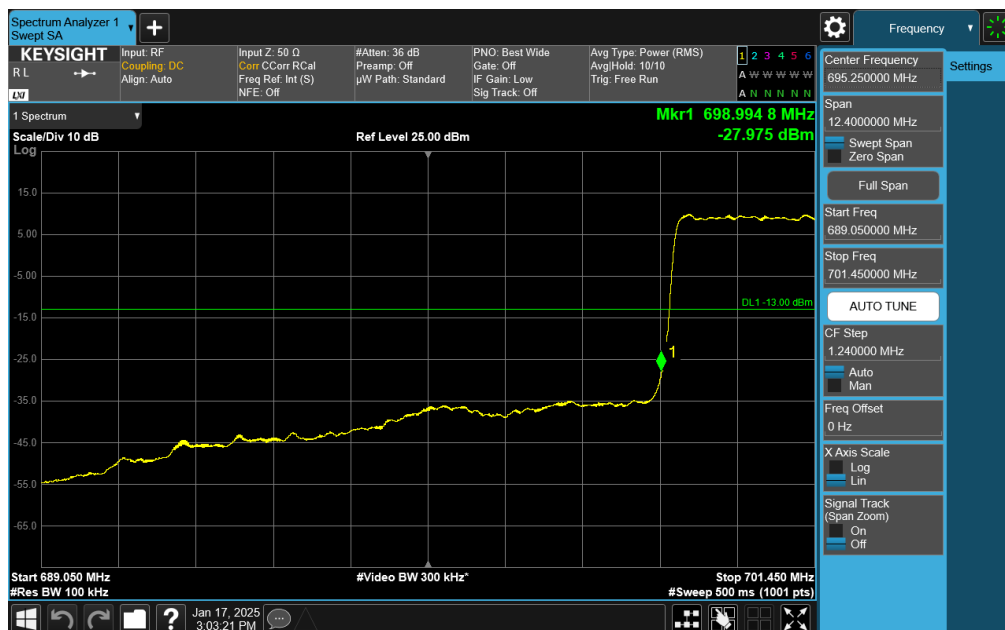



Plot 7-238. Upper Band Edge Plot (NR Band n71 – 20.0MHz DFT-s-OFDM  $\pi/2$  BPSK - Full RB)

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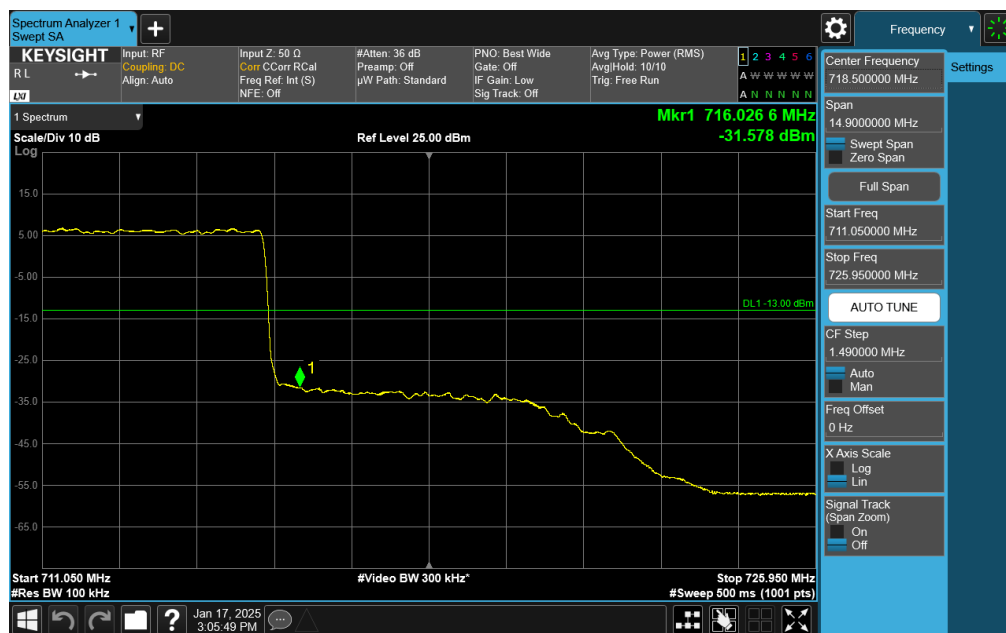
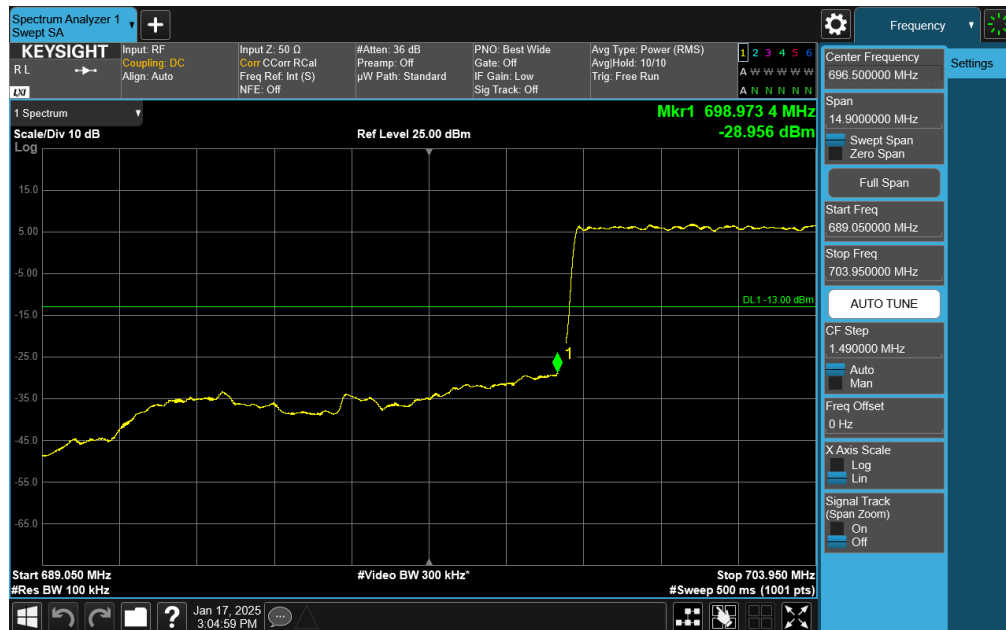
## NR Band n12



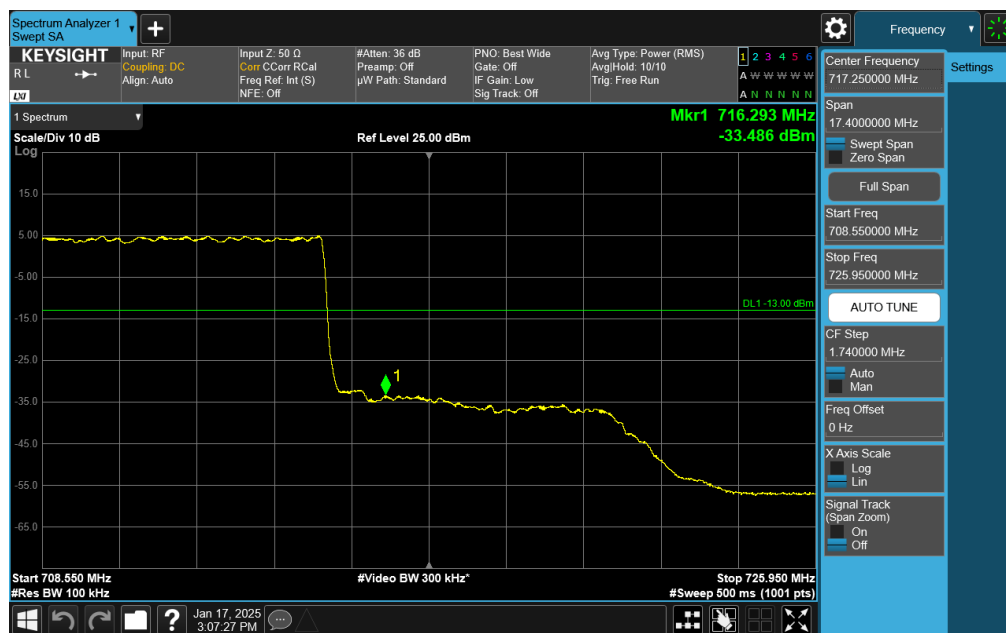
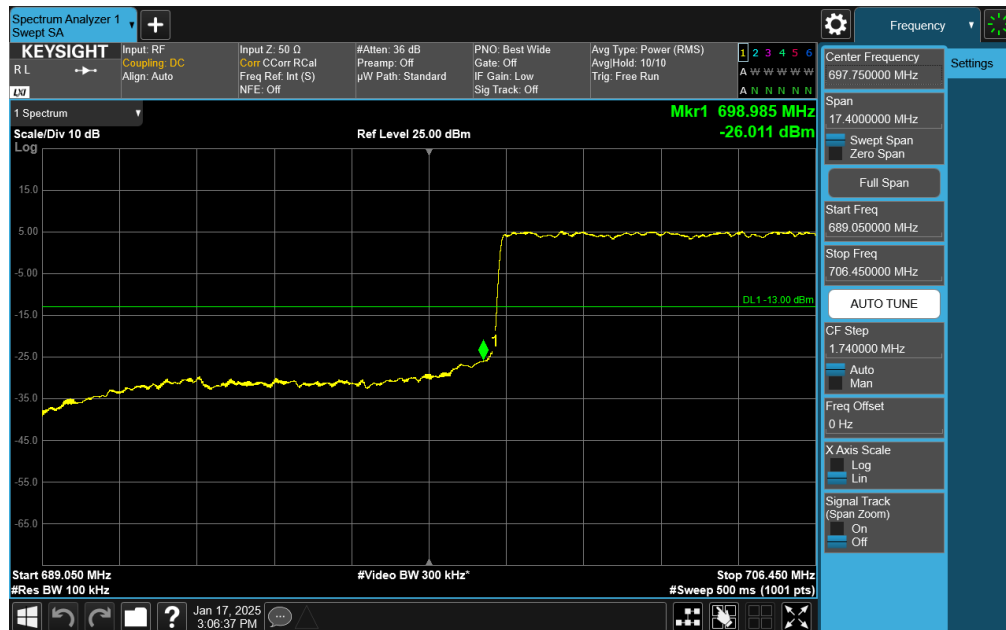
FCC ID: BCG-A3281	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
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## 7.5 Peak-Average Ratio

§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.

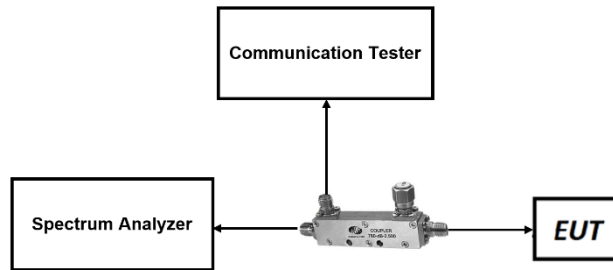


Figure 7-7. LTE Test Instrument & Measurement Setup

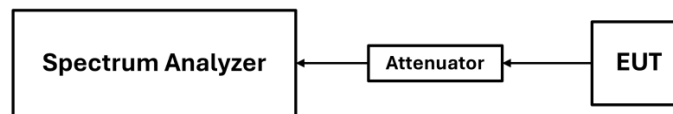



Figure 7-8. FR1 Test Instrument & Measurement Setup

## Test Notes

None.

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