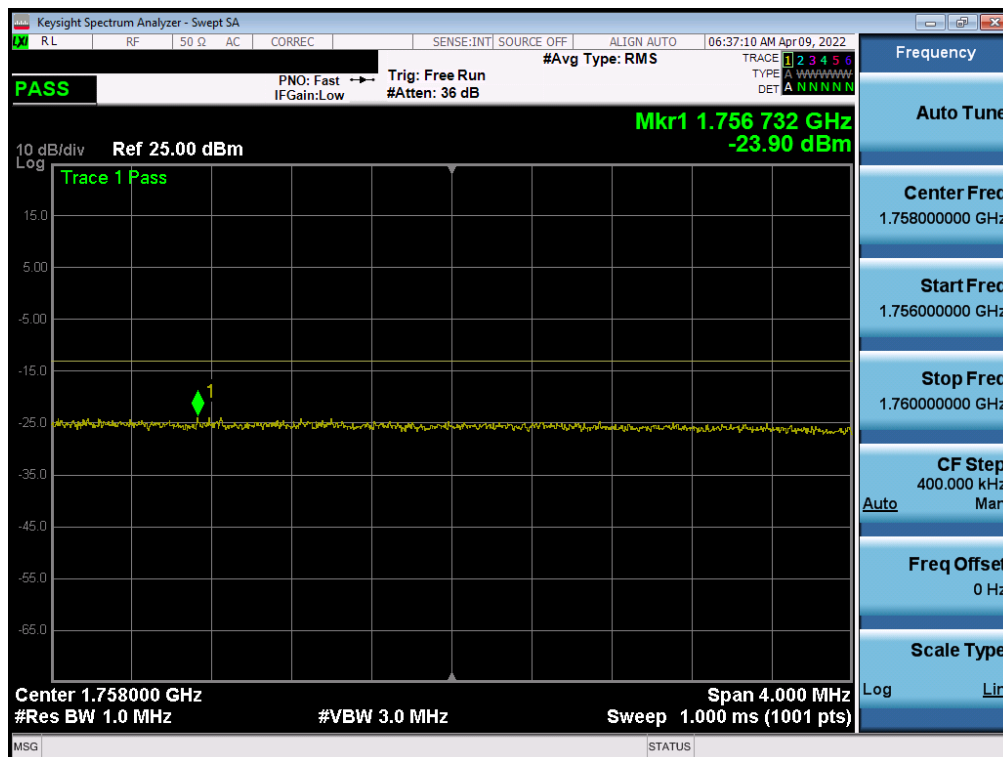


Plot 7-222. Upper Band Edge Plot (LTE Band 4 - 20MHz QPSK - Full RB)

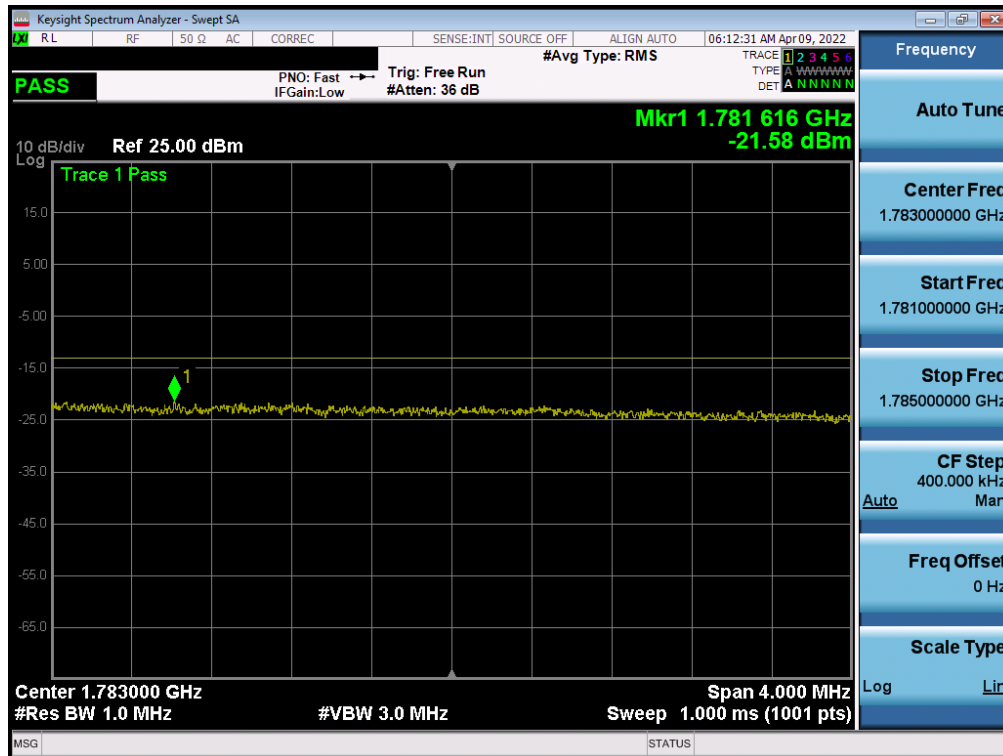


Plot 7-223. Upper Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 137 of 275

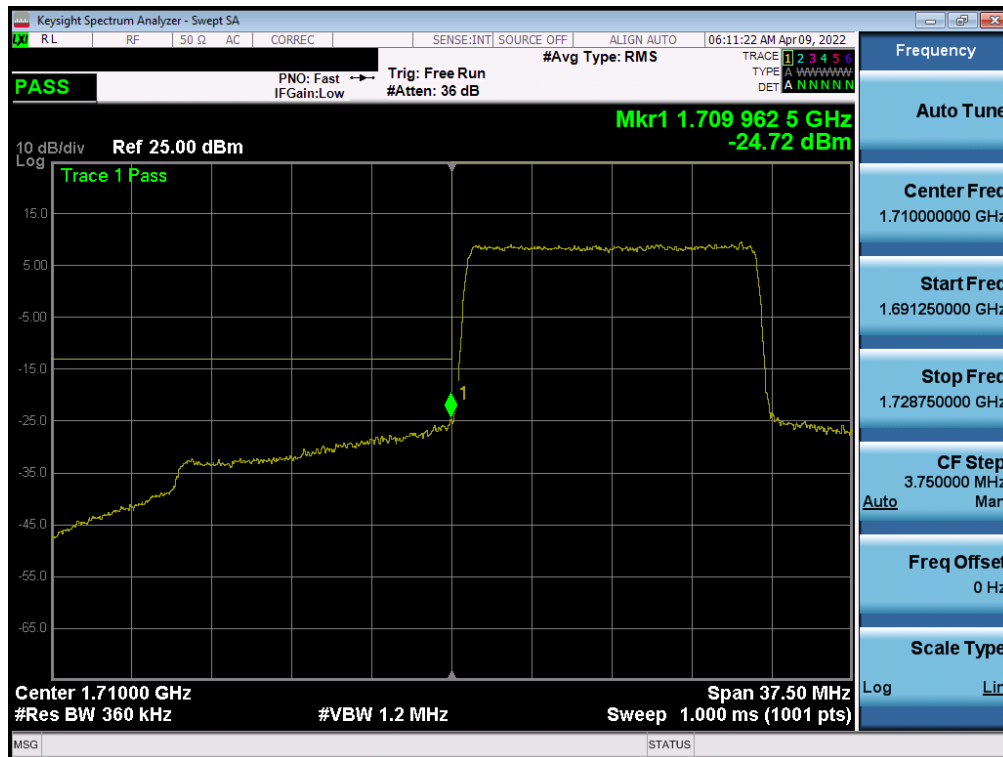


Plot 7-224. Upper Band Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

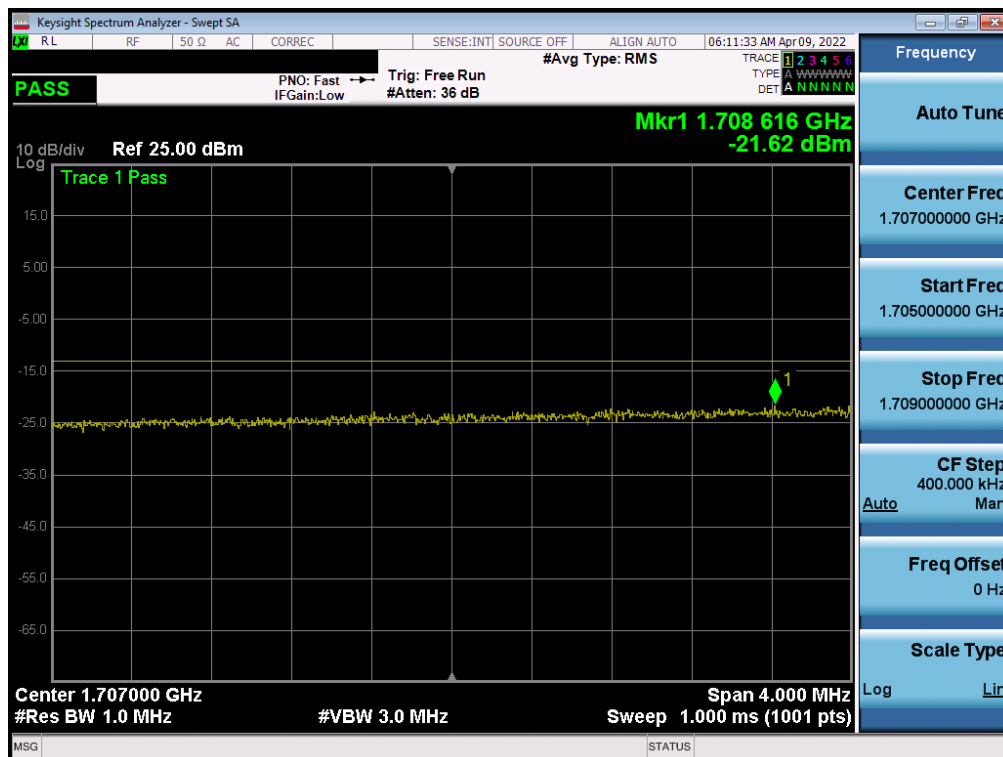


Plot 7-225. Channel Edge Plot (LTE Band 66 - 20MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 138 of 275



Plot 7-226. Lower Band Edge Plot (LTE Band 66/4 - 15MHz QPSK - Full RB)

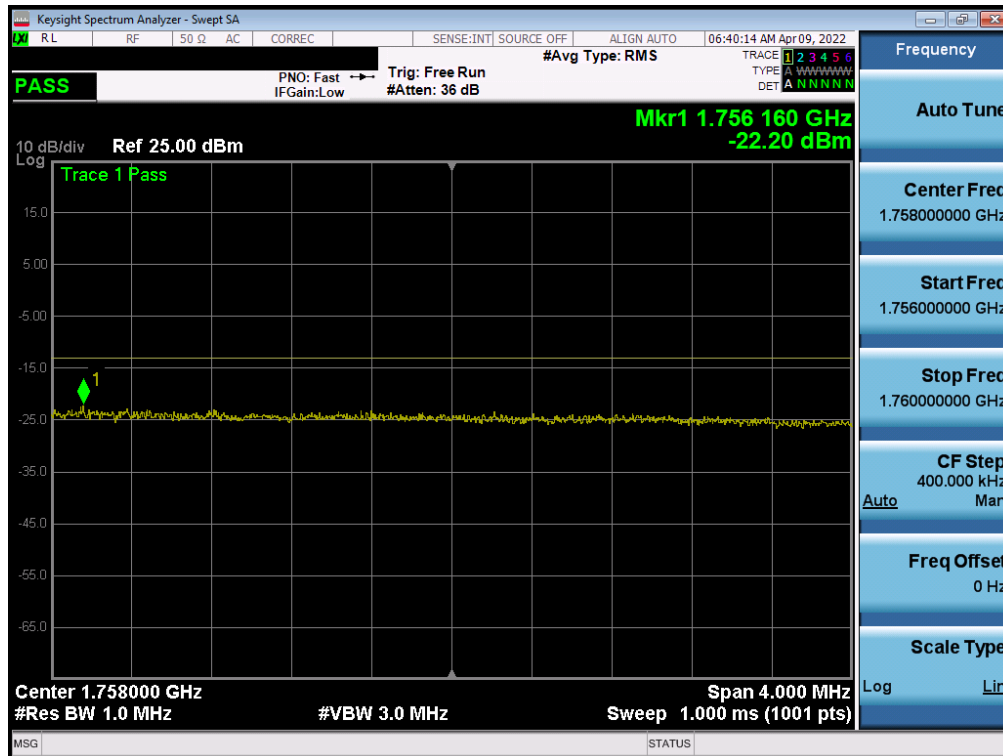


Plot 7-227. Lower Extended Band Edge Plot (LTE Band 66/4 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 139 of 275

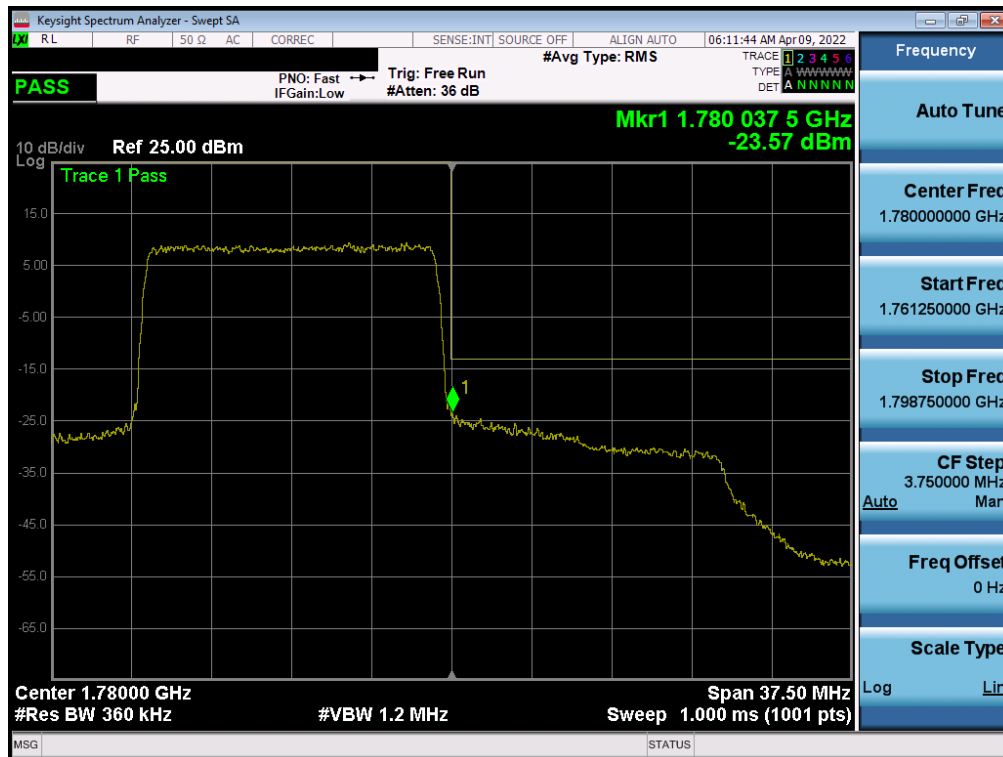


Plot 7-228. Upper Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

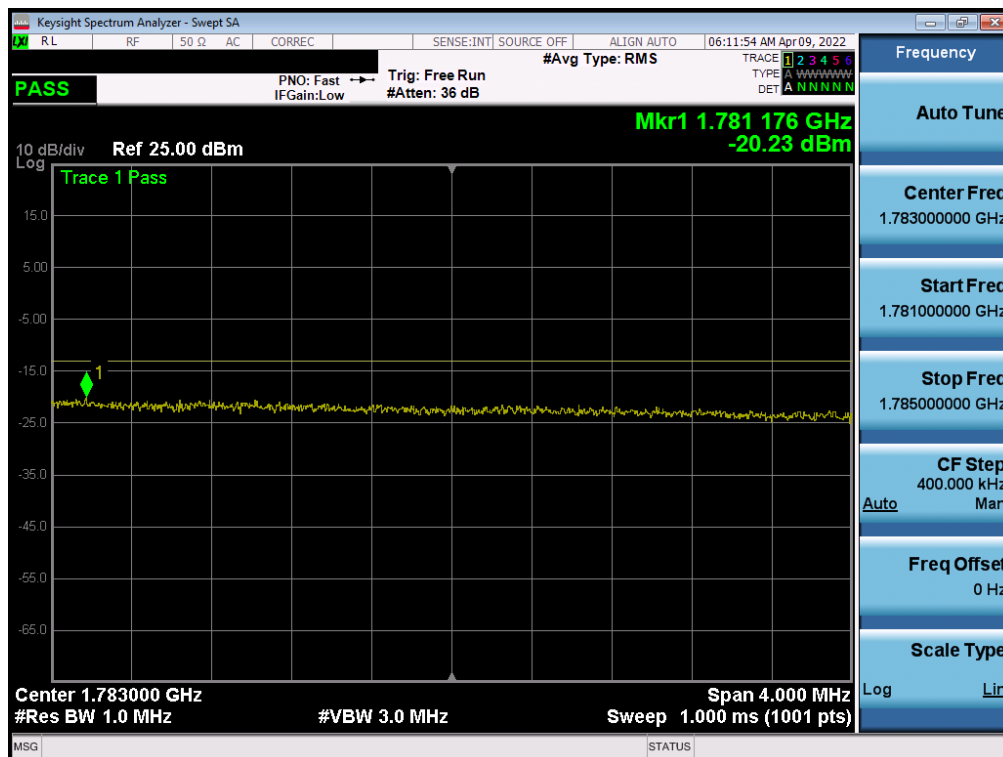


Plot 7-229. Upper Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 140 of 275

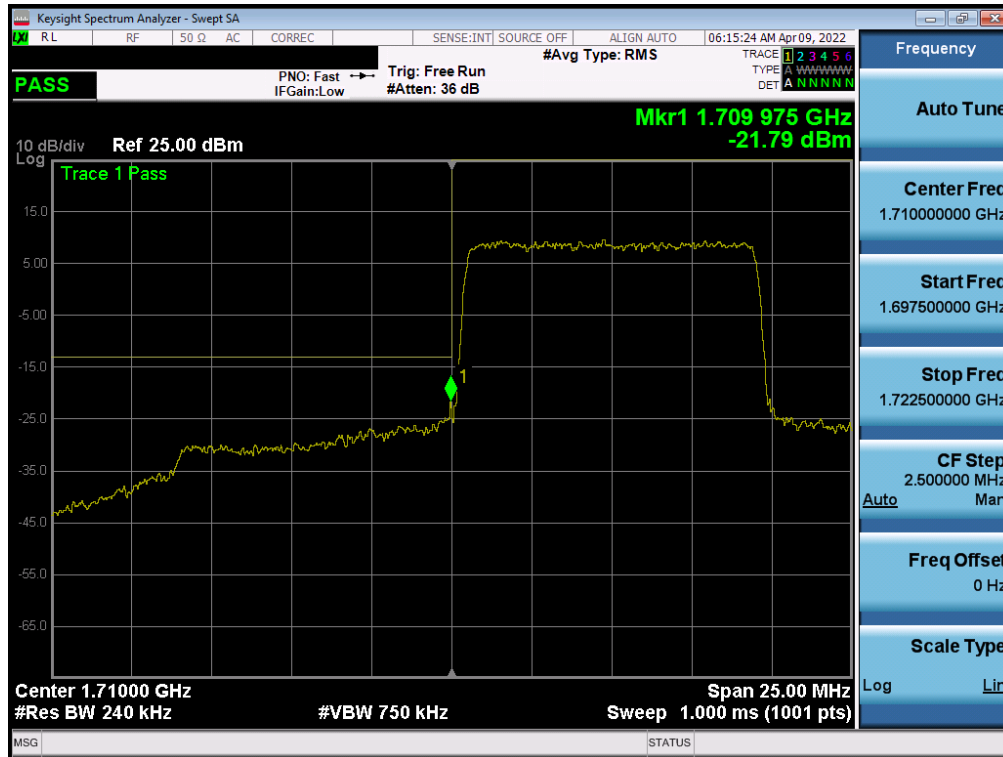


Plot 7-230. Upper Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

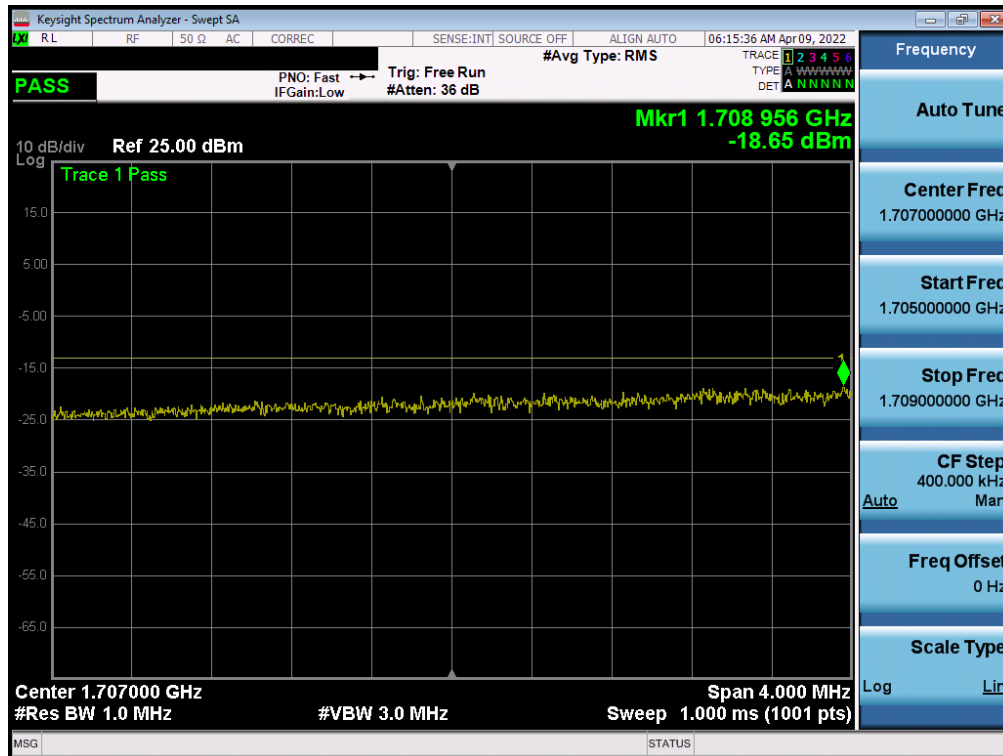


Plot 7-231. Upper Extended Band Edge Plot (LTE Band 66 - 15MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 141 of 275

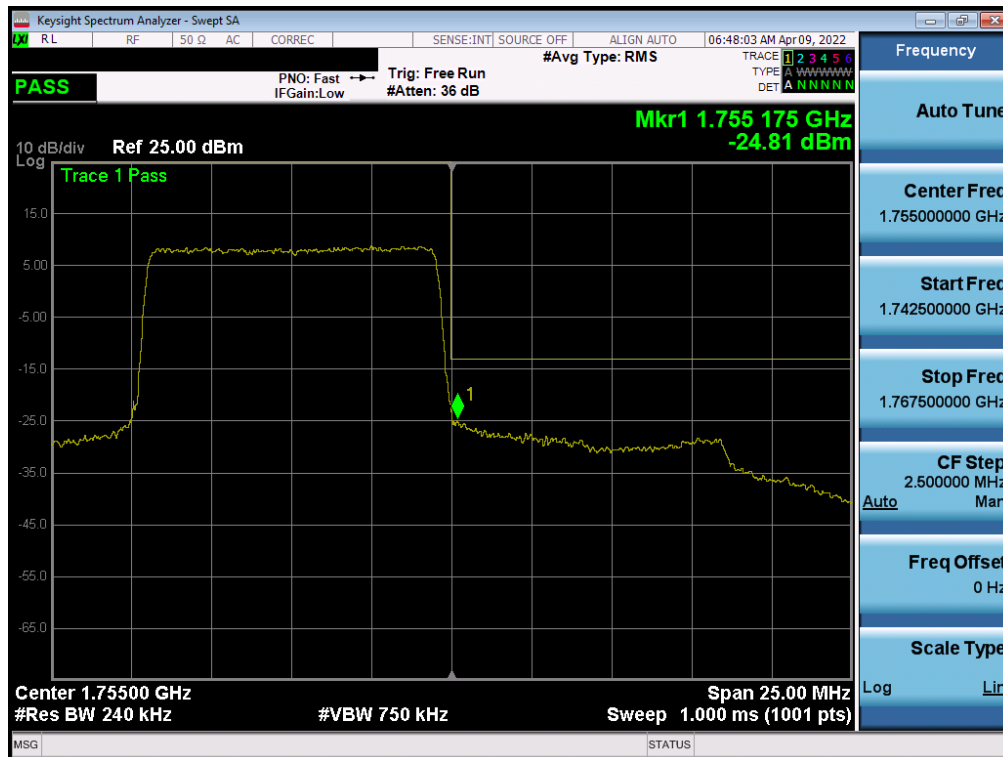


Plot 7-232. Lower Band Edge Plot (LTE Band 66/4 - 10MHz QPSK - Full RB)

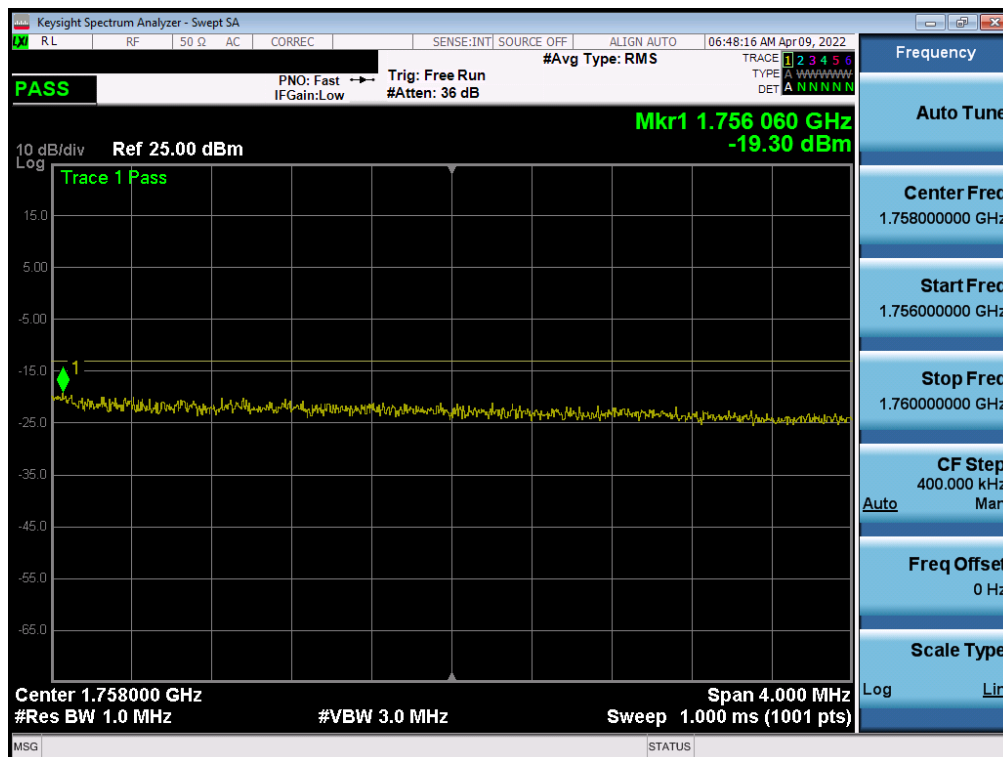


Plot 7-233. Lower Extended Band Edge Plot (LTE Band 66/4 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 142 of 275

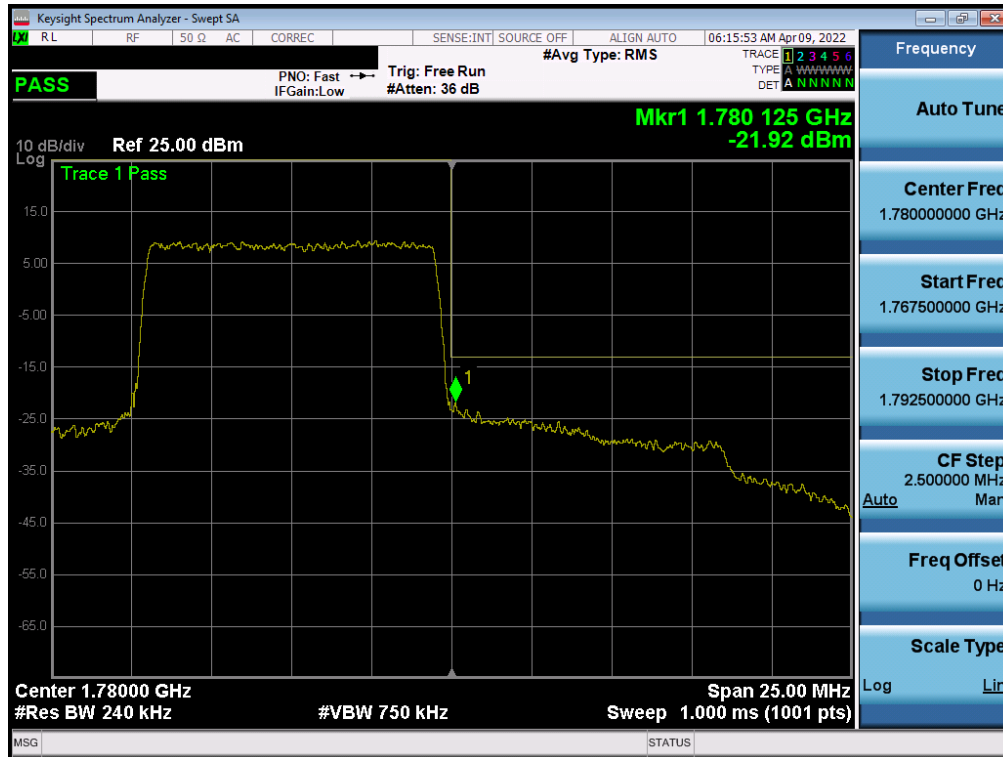


Plot 7-234. Upper Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

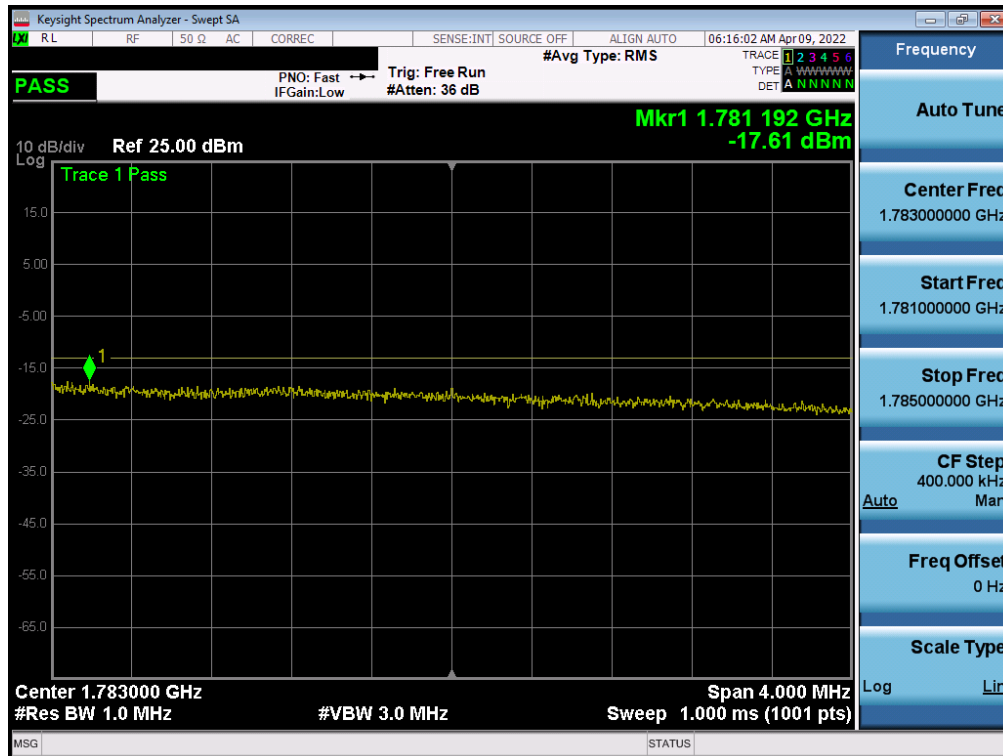


Plot 7-235. Upper Extended Band Edge Plot (LTE Band 4 - 10MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 143 of 275

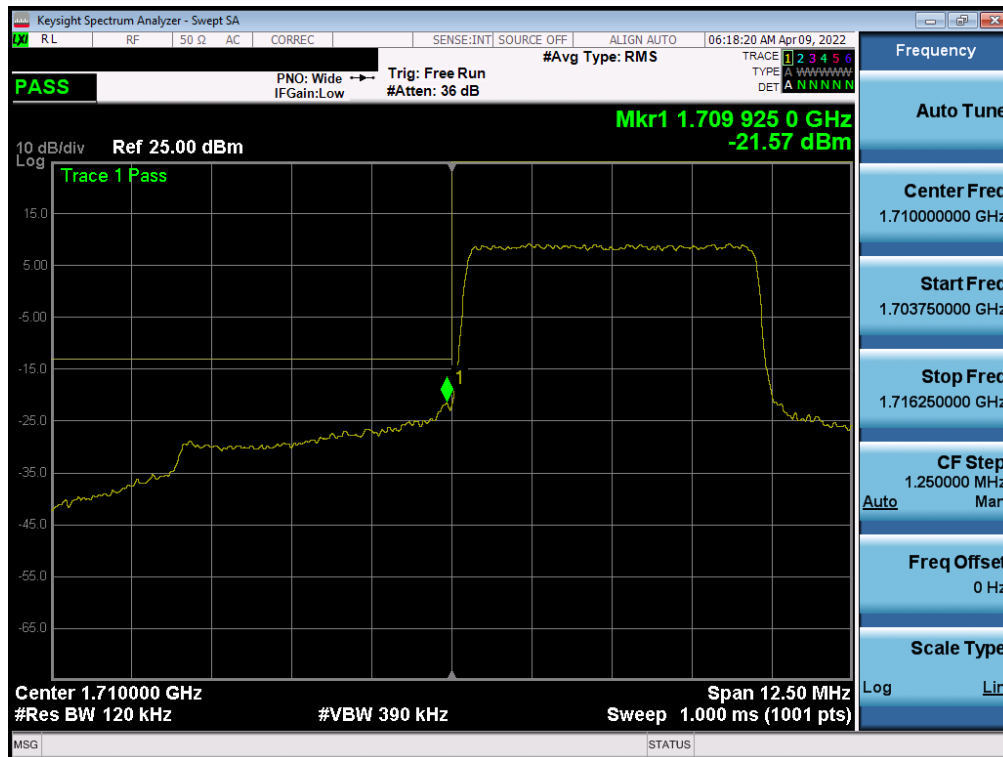


Plot 7-236. Upper Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

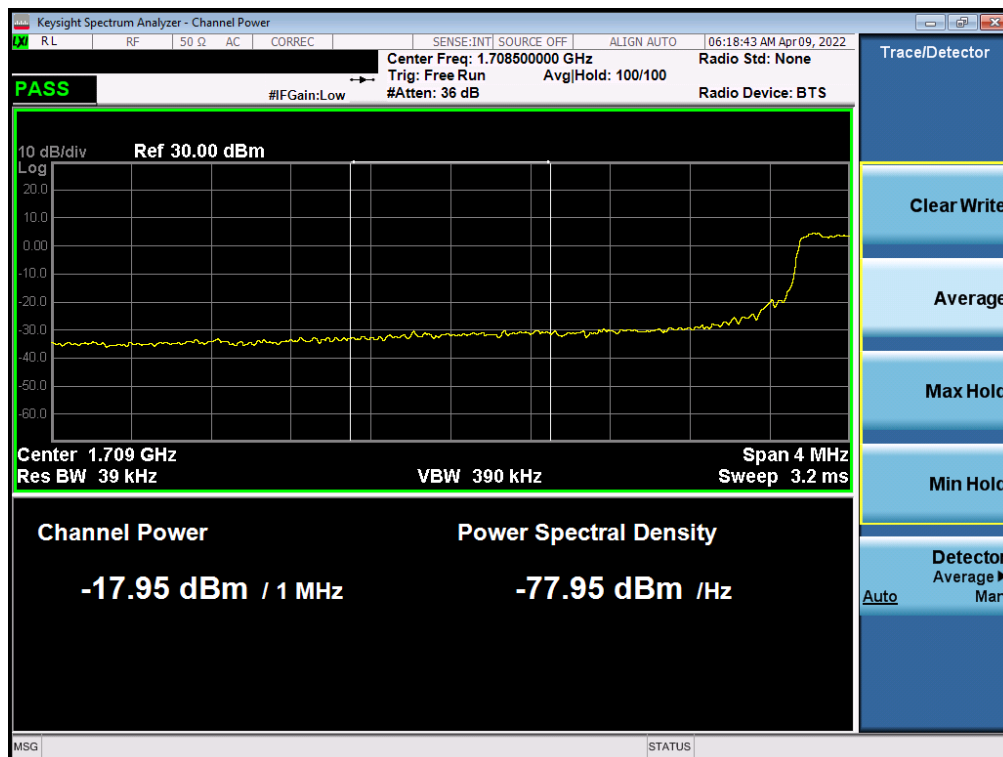


Plot 7-237. Upper Extended Band Edge Plot (LTE Band 66 - 10MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 144 of 275



Plot 7-238. Lower Band Edge Plot (LTE Band 66/4 - 5MHz QPSK – Full RB)

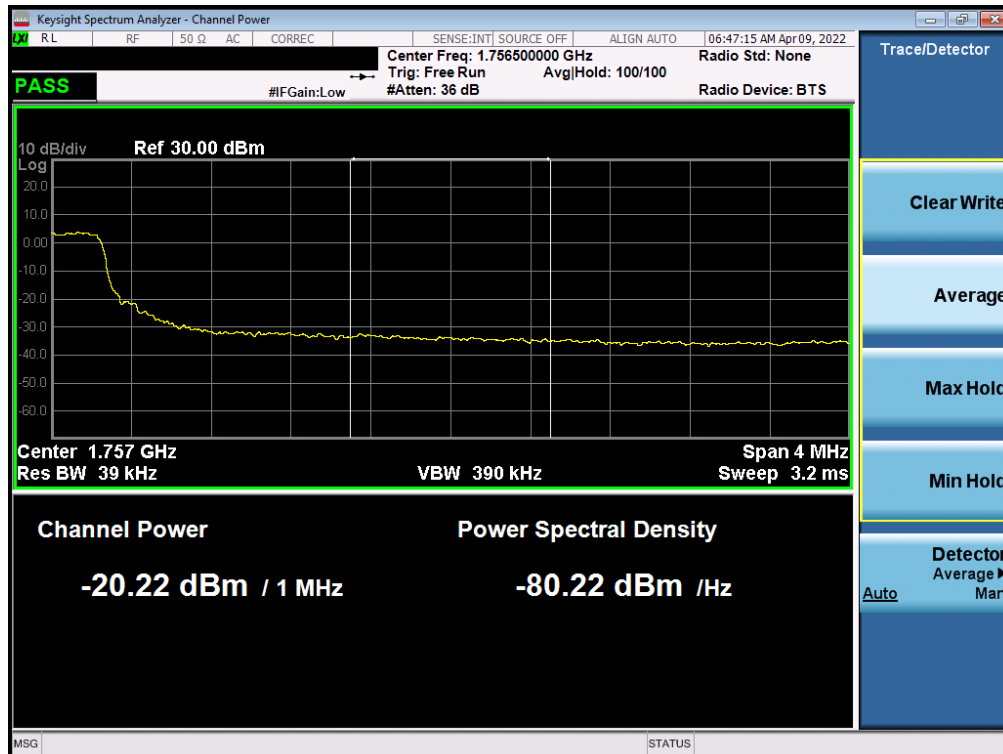


Plot 7-239. Lower Extended Band Edge Plot (LTE Band 66/4 - 5MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 145 of 275



Plot 7-240. Upper Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

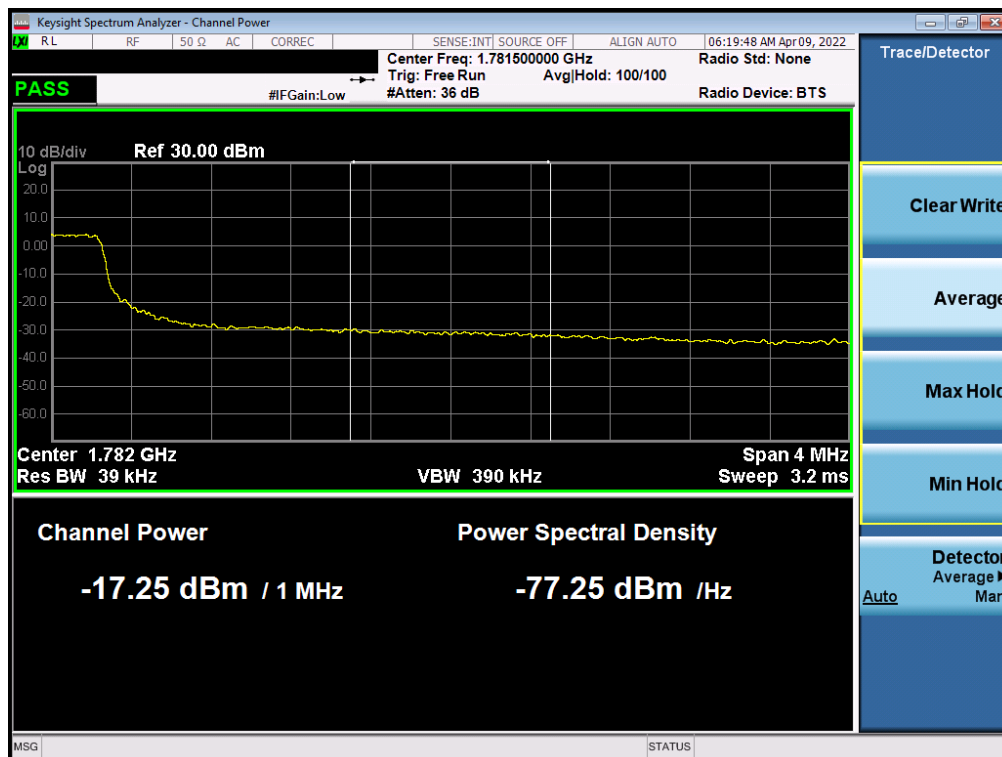


Plot 7-241. Upper Extended Band Edge Plot (LTE Band 4 - 5MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 146 of 275

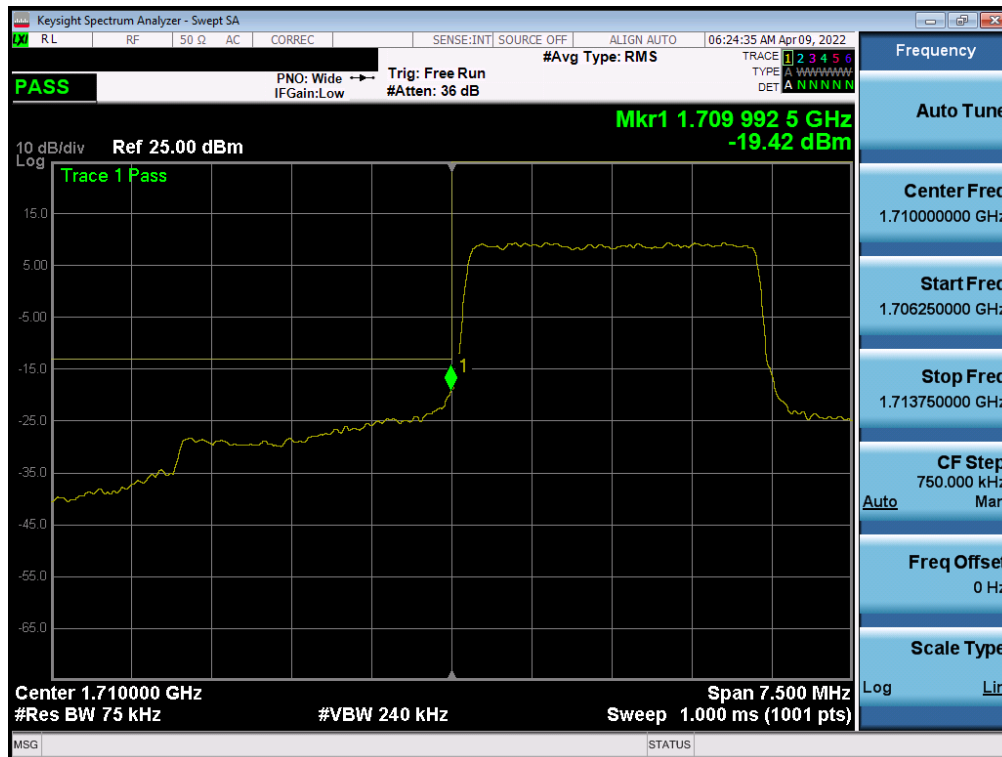


Plot 7-242. Upper Band Edge Plot (LTE Band 66 - 5MHz QPSK – Full RB)

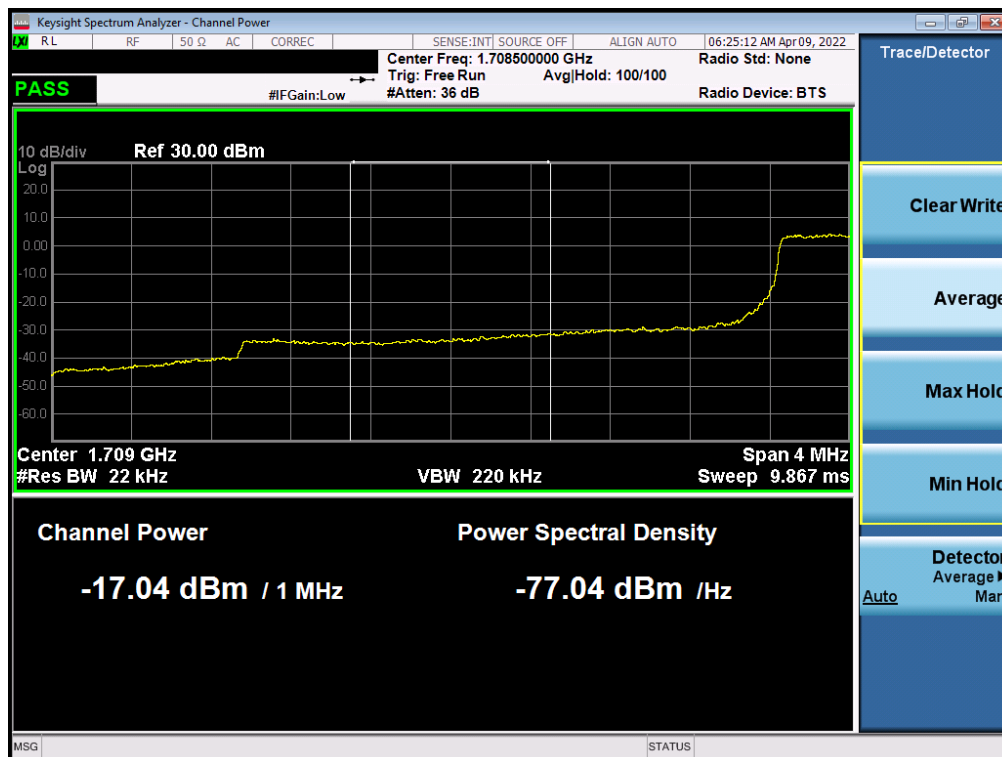


Plot 7-243. Upper Extended Band Edge Plot (LTE Band 66 - 5MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 147 of 275



Plot 7-244. Lower Band Edge Plot (LTE Band 66/4 - 3MHz QPSK – Full RB)

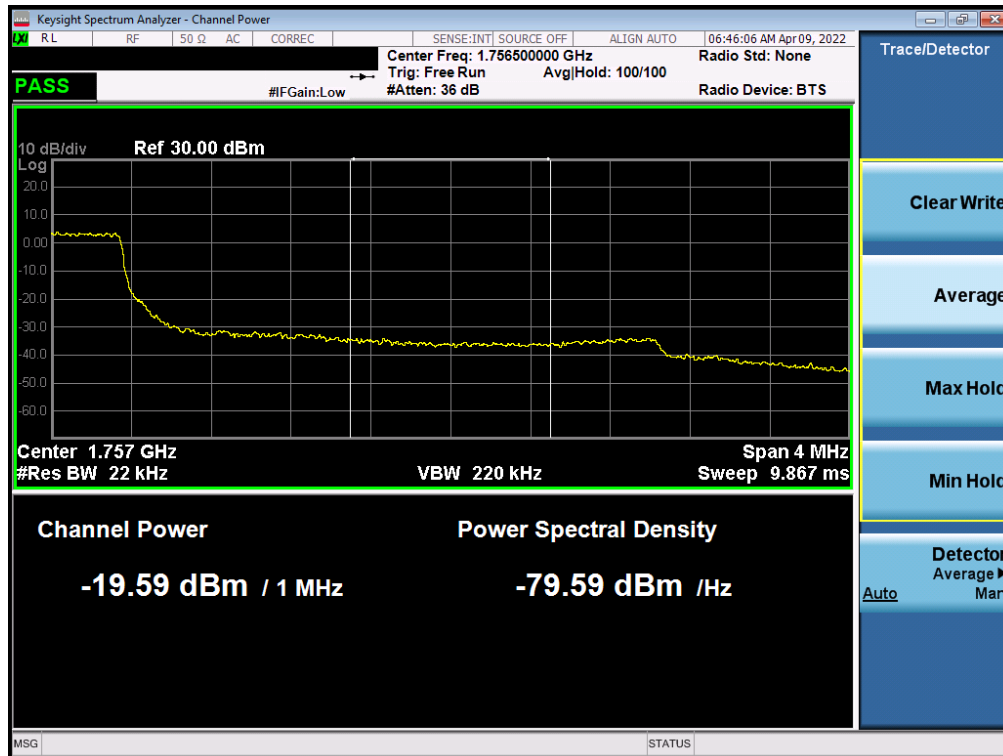


Plot 7-245. Lower Extended Band Edge Plot (LTE Band 66/4 - 3MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 148 of 275



Plot 7-246. Upper Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)

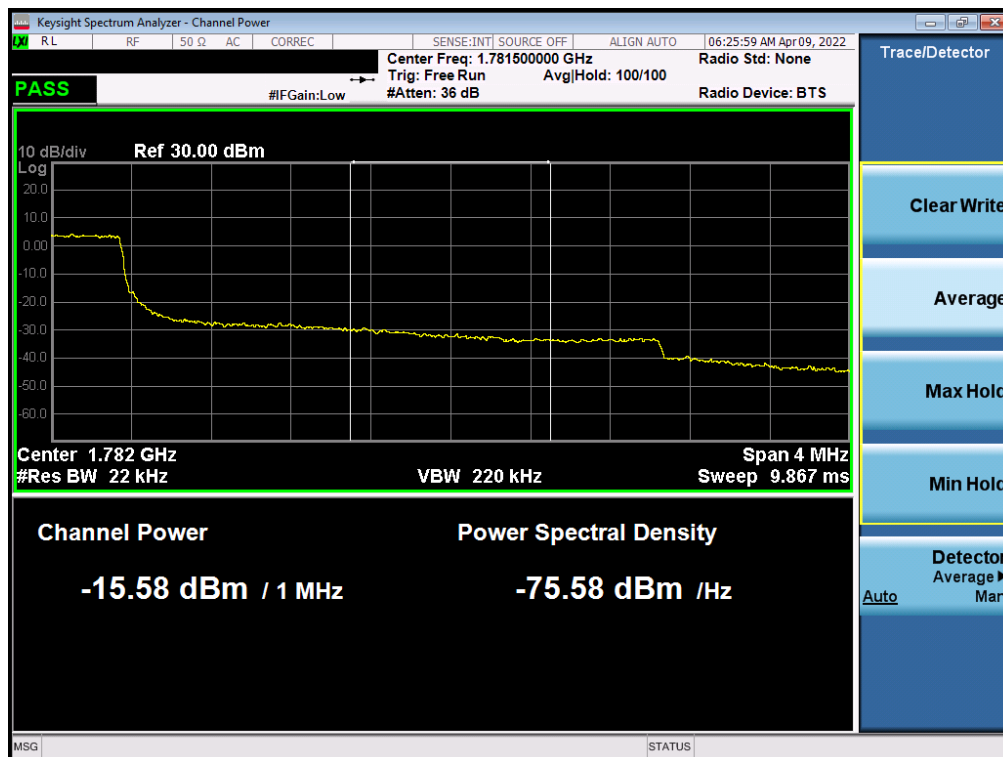


Plot 7-247. Upper Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 149 of 275

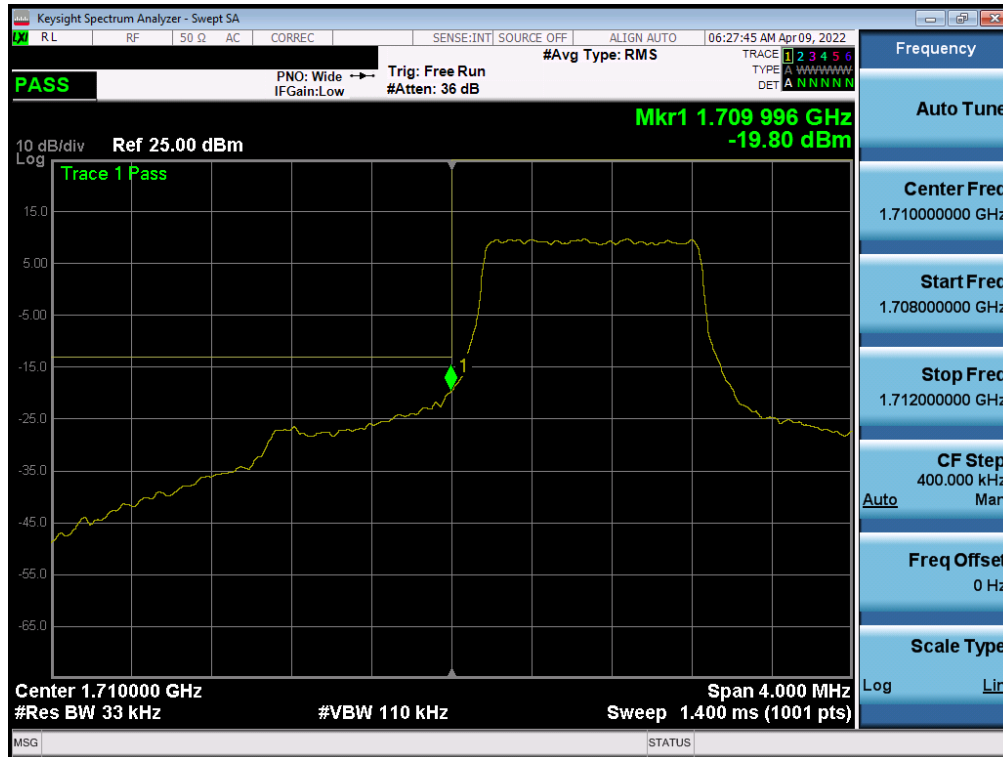


Plot 7-248. Upper Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB)

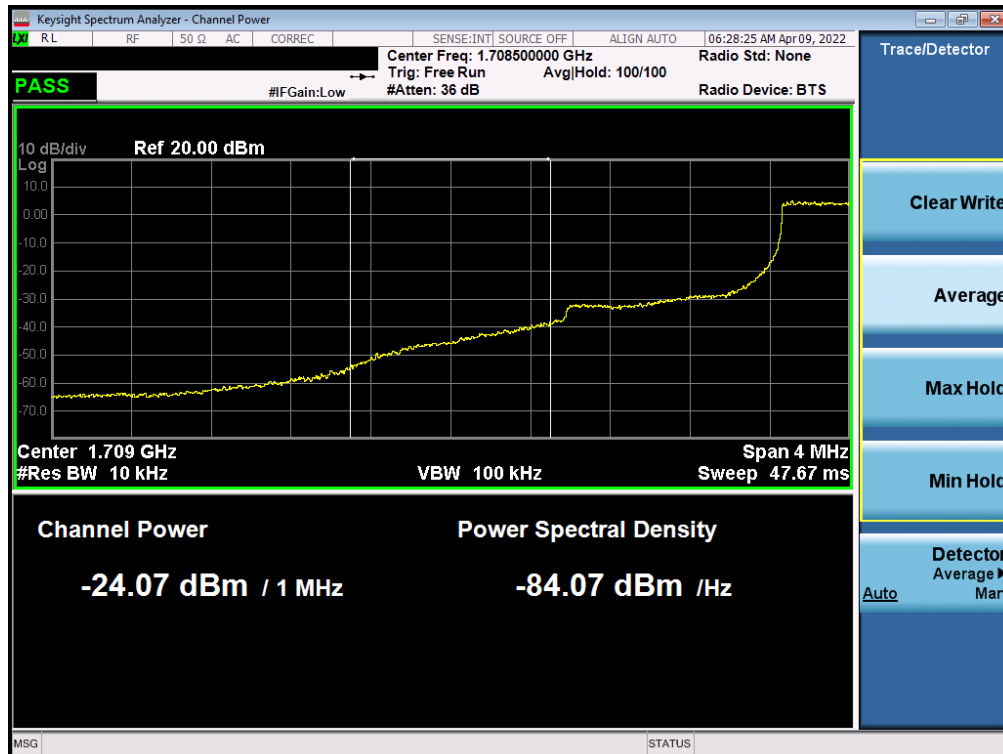


Plot 7-249. Upper Extended Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 150 of 275



Plot 7-250. Lower Band Edge Plot (LTE Band 66/4 – 1.4MHz QPSK – Full RB)

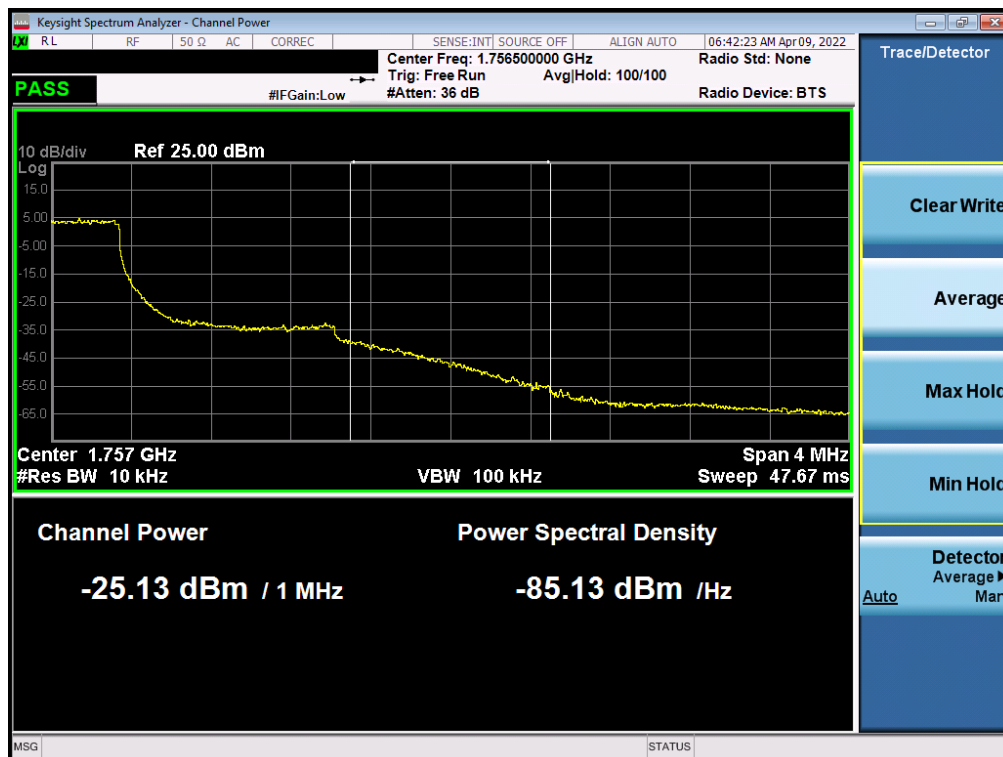


Plot 7-251. Lower Extended Band Edge Plot (LTE Band 66/4 – 1.4MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 151 of 275



Plot 7-252. Upper Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)

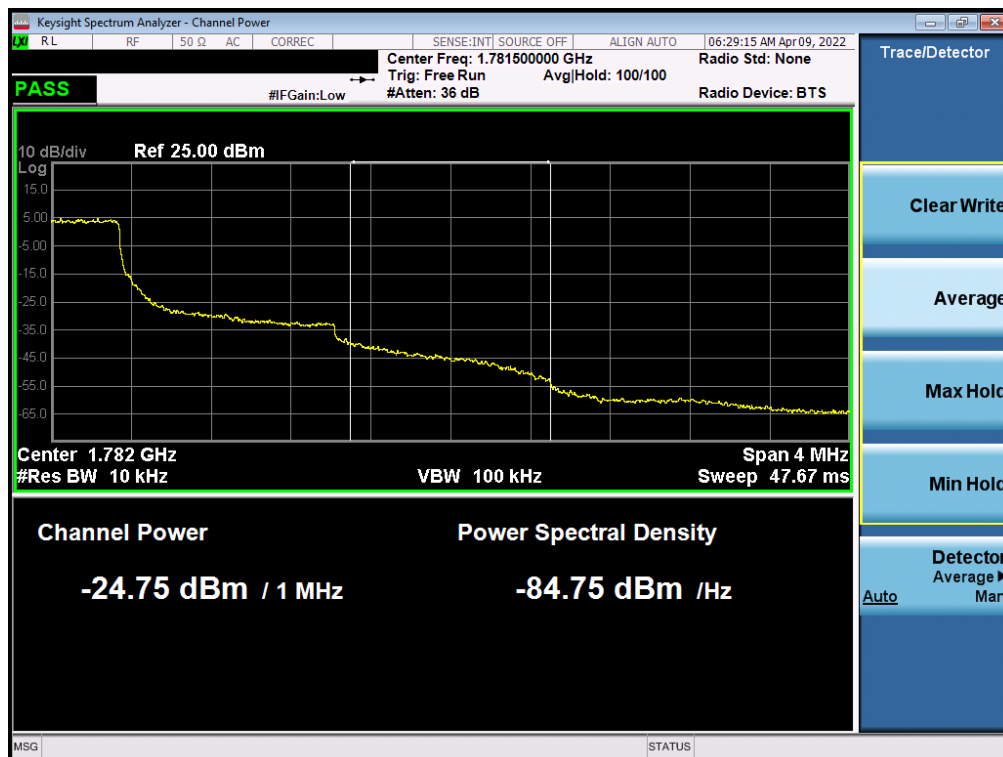


Plot 7-253. Upper Extended Band Edge Plot (LTE Band 4 – 1.4MHz QPSK – Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 152 of 275



Plot 7-254. Upper Band Edge Plot (LTE Band 66 - 1.4MHz QPSK - Full RB)

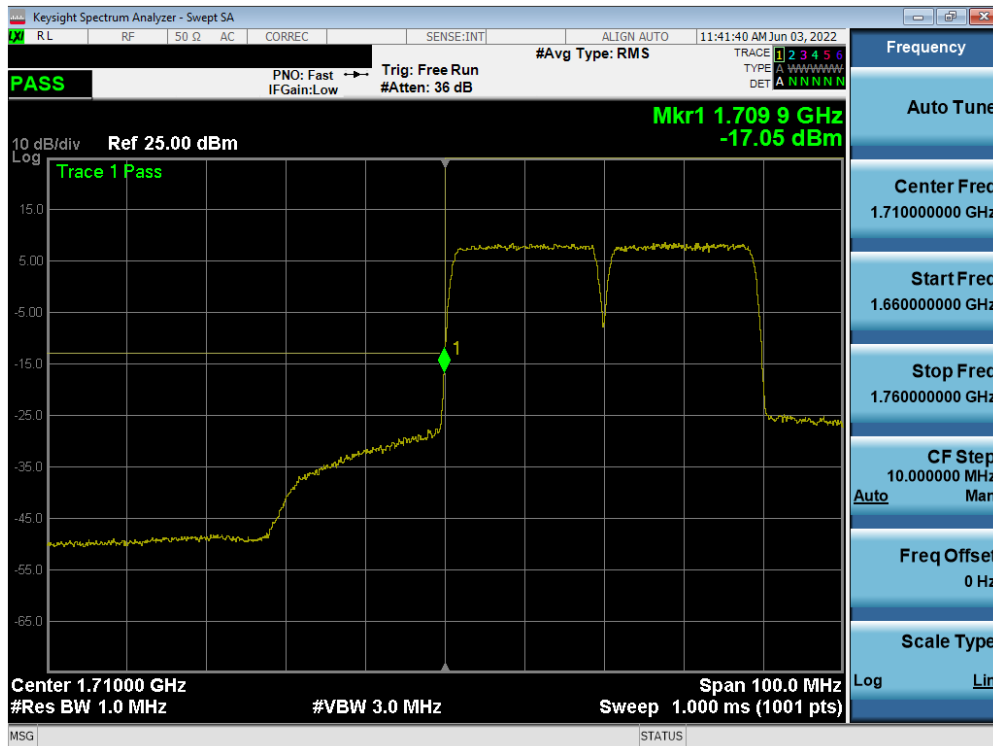


Plot 7-255. Upper Extended Band Edge Plot (LTE Band 66 - 1.4MHz QPSK - Full RB)

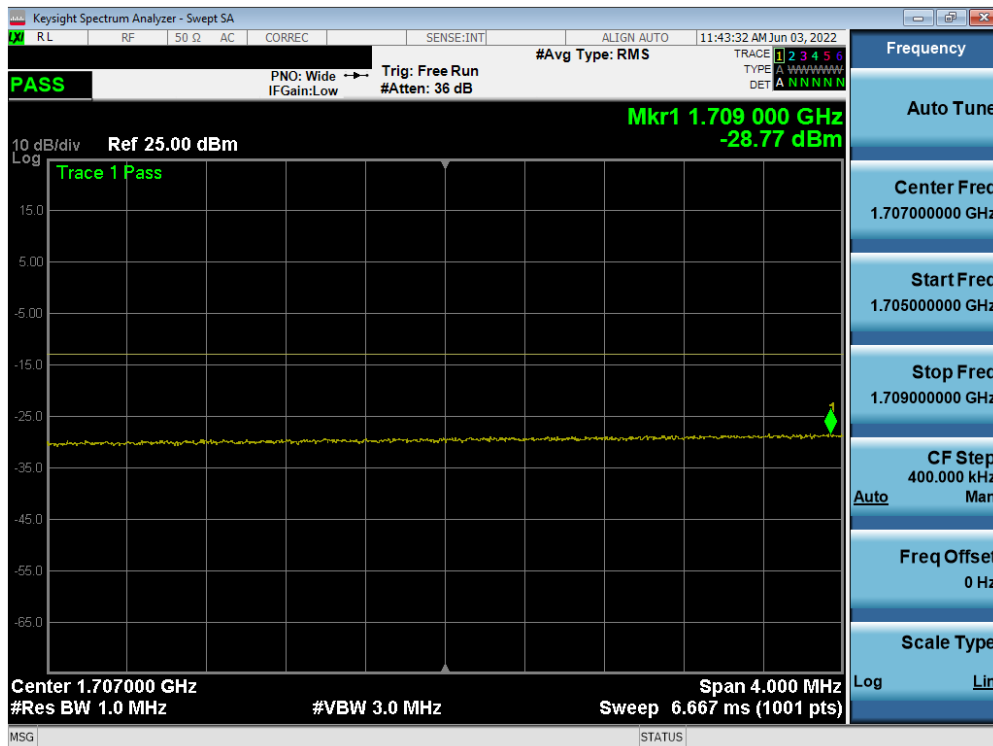
FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 153 of 275



Uplink CA LTE Band 66B/C



Plot 7-256. Lower Band Edge Plot (ULCA LTE Band 66 20+20MHz)



Plot 7-257. Lower Extended Band Edge Plot (ULCA LTE Band 66 20+20MHz)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 154 of 275

V3.0 1/5/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



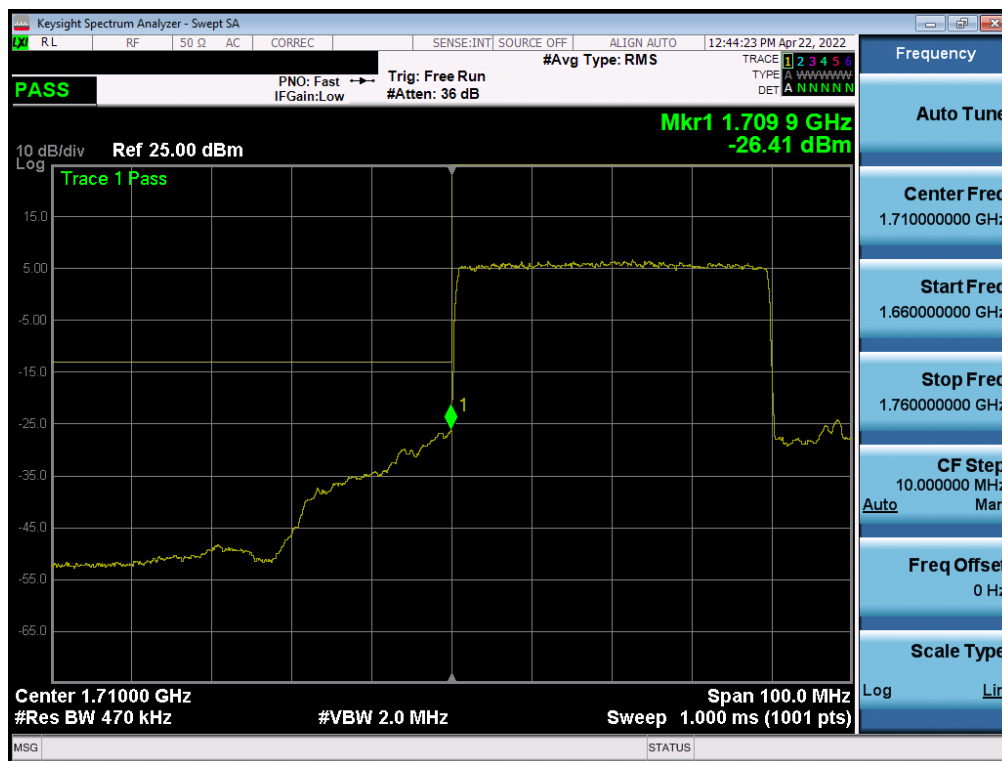
Plot 7-258. Upper Band Edge Plot (ULCA LTE Band 66 20+20MHz)



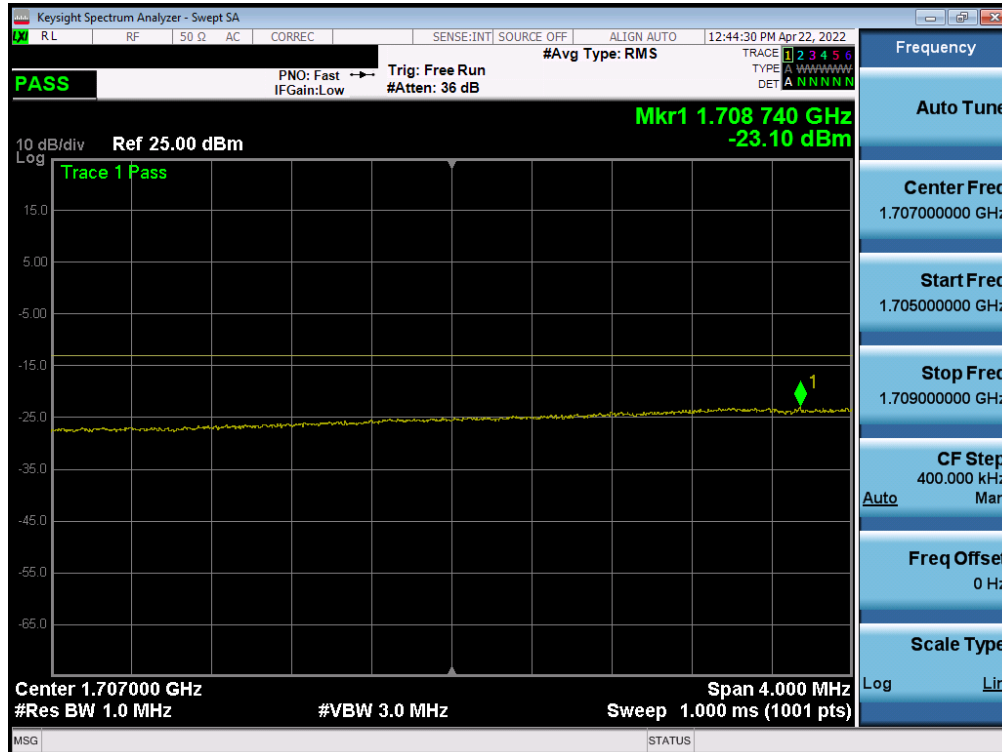
Plot 7-259. Upper Extended Band Edge Plot (ULCA LTE Band 66 20+20MHz)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 155 of 275

NR Band n66 ANT A

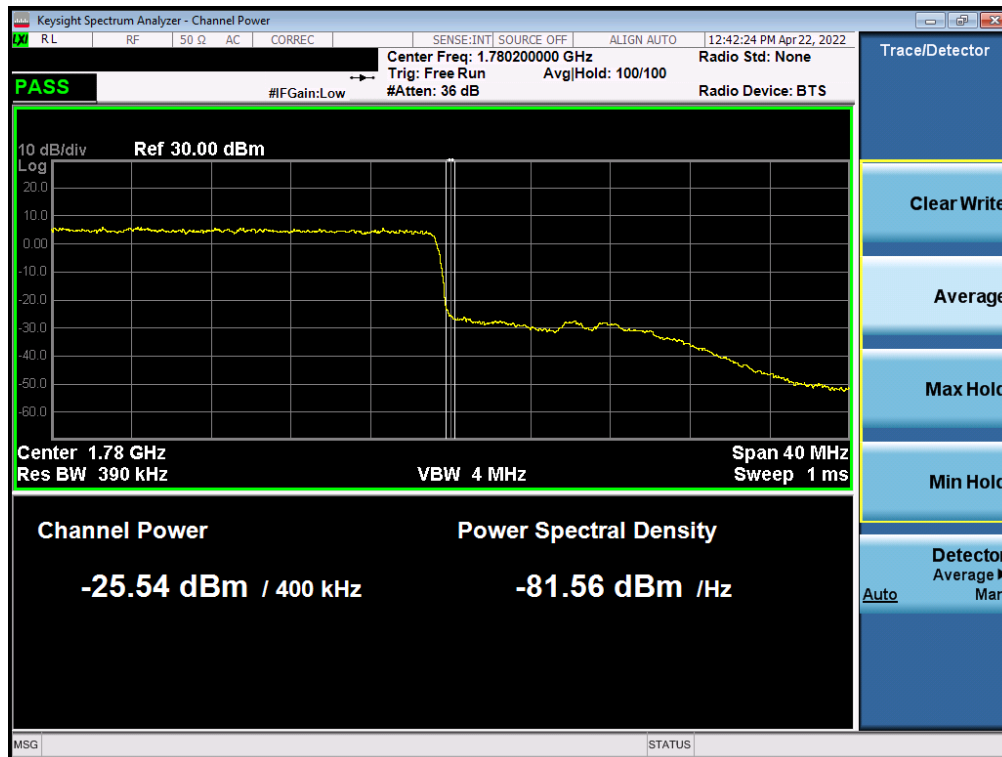


Plot 7-260. Lower Band Edge Plot (NR Band n66 – 40.0MHz - Full RB)

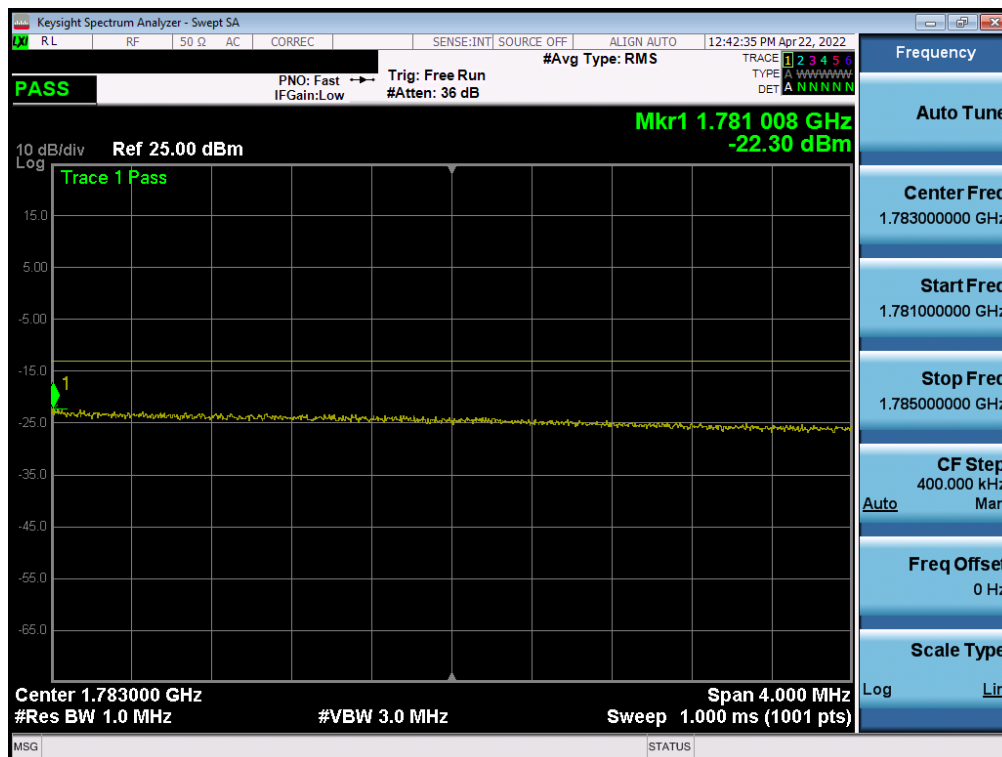


Plot 7-261. Lower Extended Band Edge Plot (NR Band n66 – 40.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 156 of 275

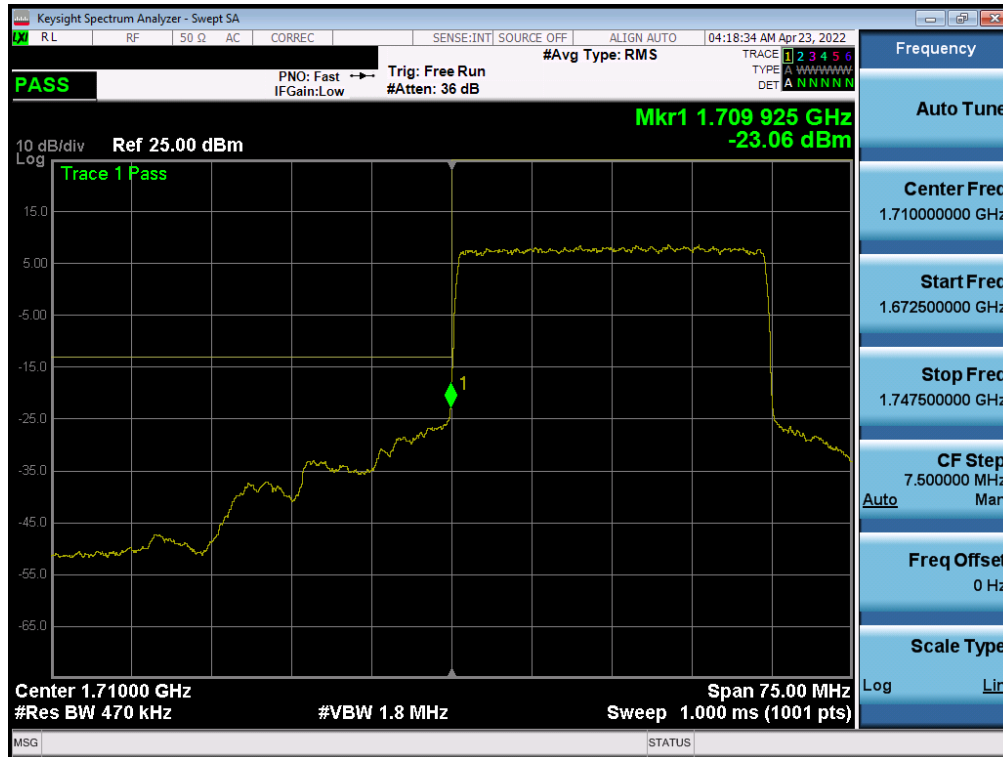


Plot 7-262. Upper Band Edge Plot (NR Band n66 - 40.0MHz - Full RB)

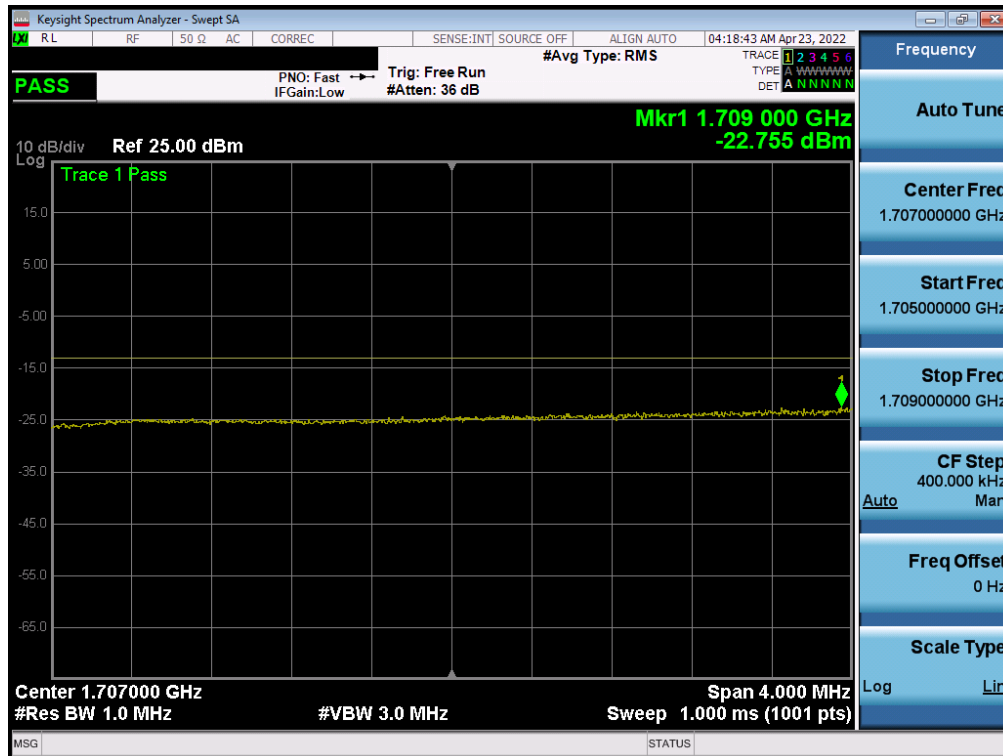


Plot 7-263. Upper Extended Band Edge Plot (NR Band n66 - 40.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 157 of 275



Plot 7-264. Lower Band Edge Plot (NR Band n66 – 30.0MHz - Full RB)

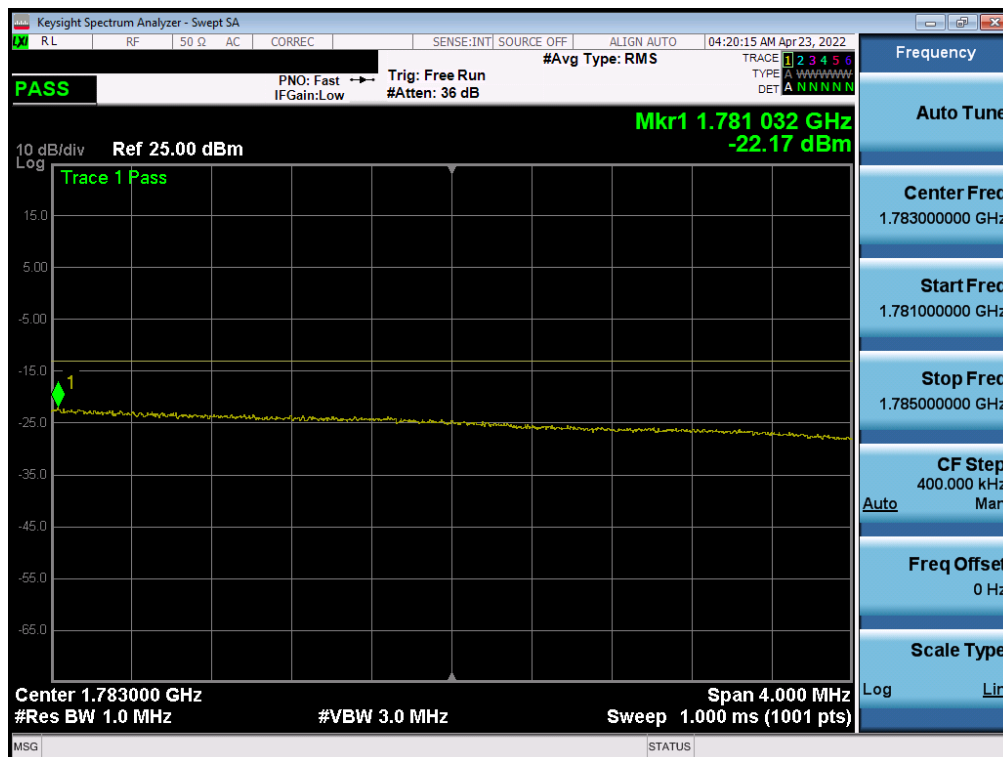


Plot 7-265. Lower Extended Band Edge Plot (NR Band n66 – 30.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 158 of 275

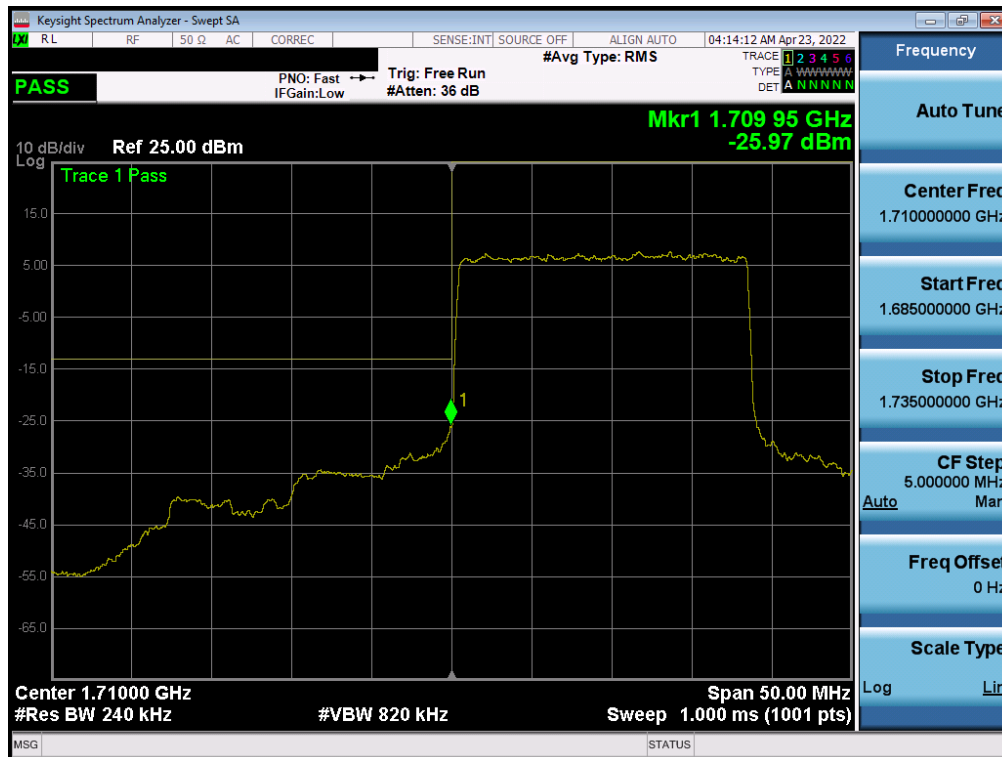


Plot 7-266. Upper Band Edge Plot (NR Band n66 – 30.0MHz - Full RB)

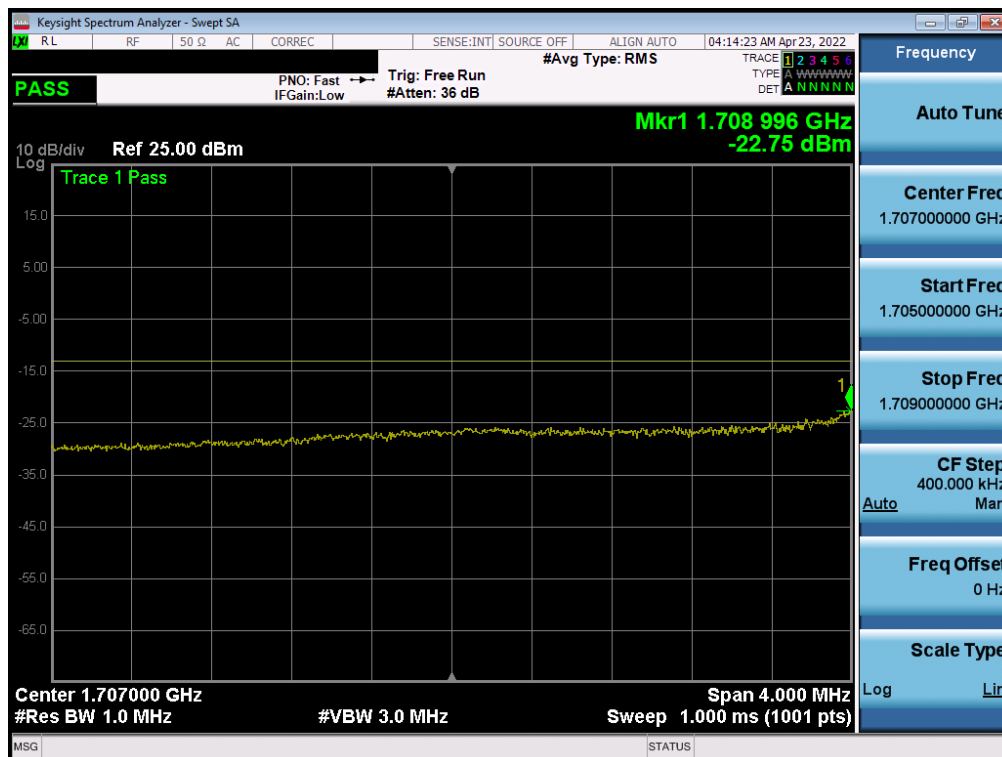


Plot 7-267. Upper Extended Band Edge Plot (NR Band n66 – 30.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 159 of 275



Plot 7-268. Lower Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)



Plot 7-269. Lower Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 160 of 275



Plot 7-270. Upper Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)

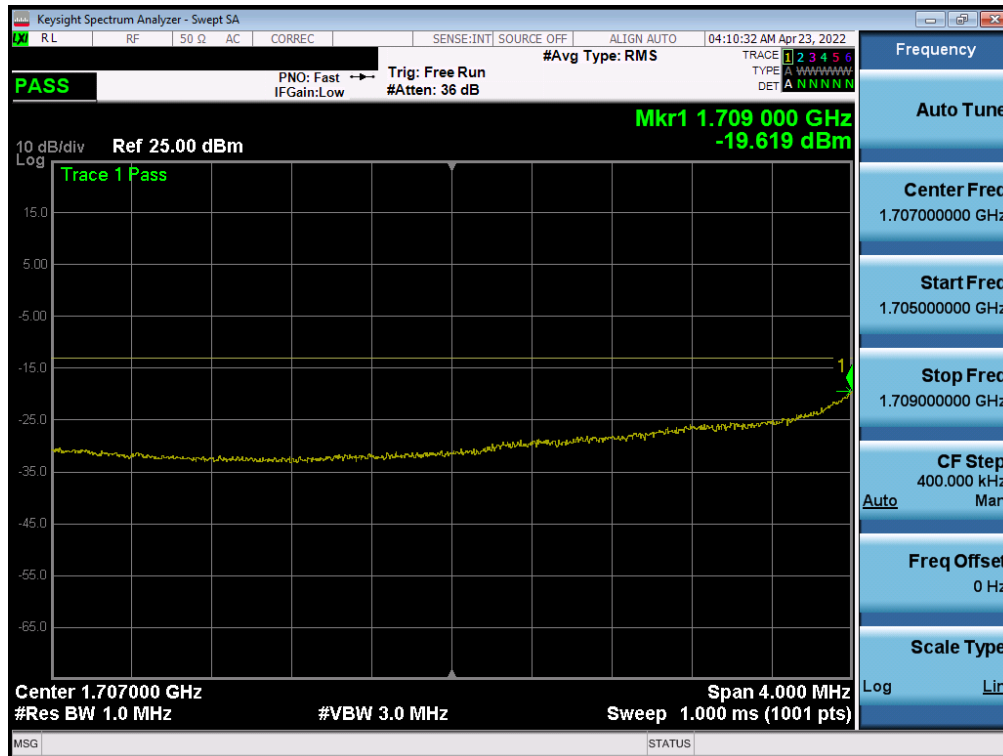


Plot 7-271. Upper Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 161 of 275



Plot 7-272. Lower Band Edge Plot (NR Band n66 - 15.0MHz - Full RB)

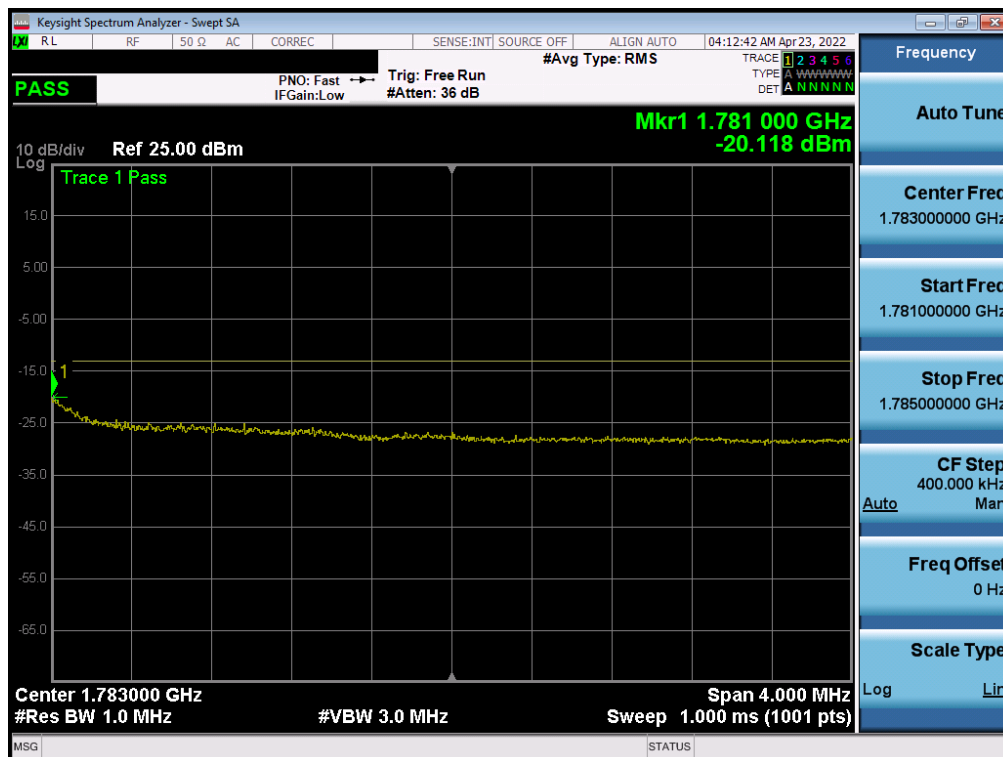


Plot 7-273. Lower Extended Band Edge Plot (NR Band n66 - 15.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 162 of 275

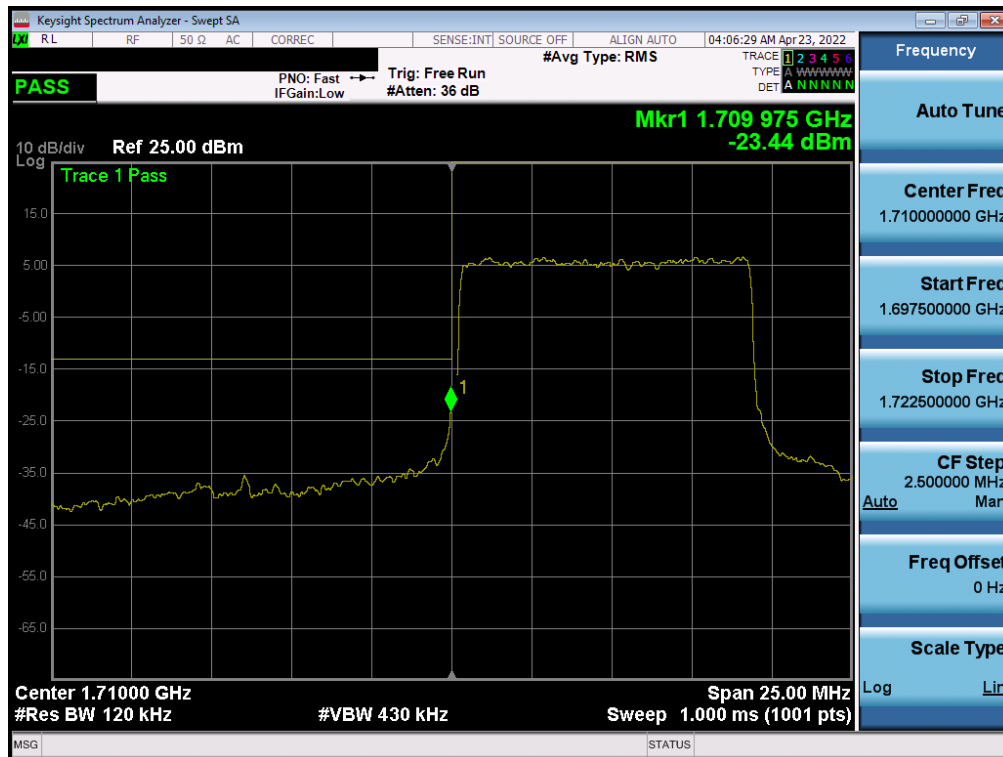


Plot 7-274. Upper Band Edge Plot (NR Band n66 – 15.0MHz - Full RB)

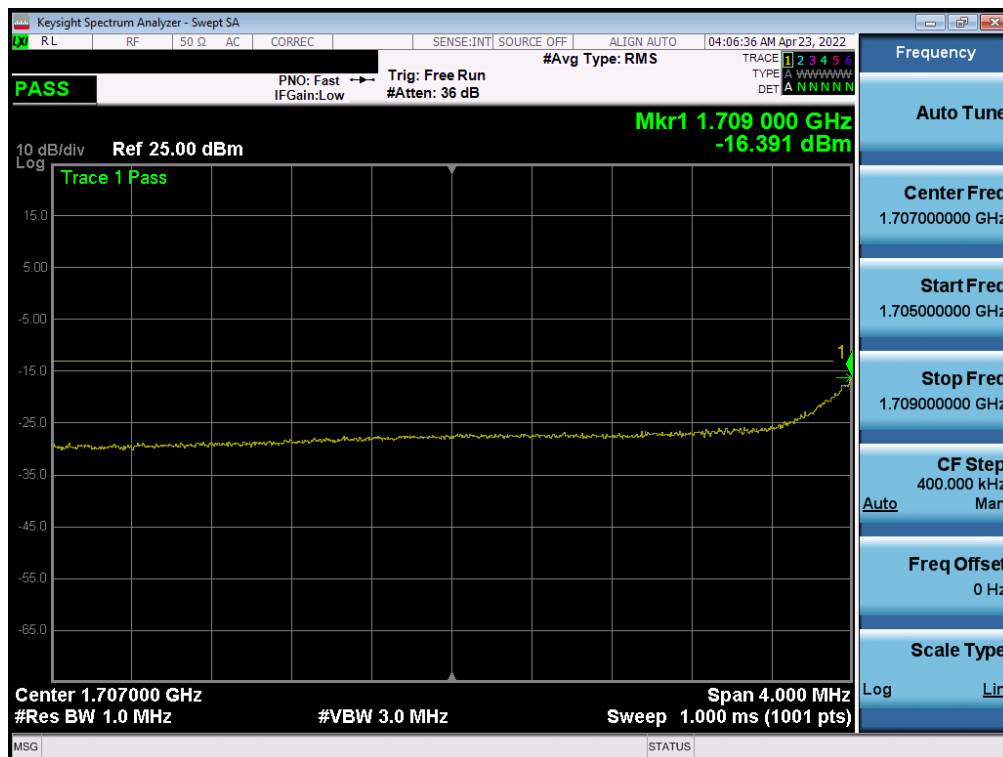


Plot 7-275. Upper Extended Band Edge Plot (NR Band n66 – 15.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 163 of 275



Plot 7-276. Lower Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

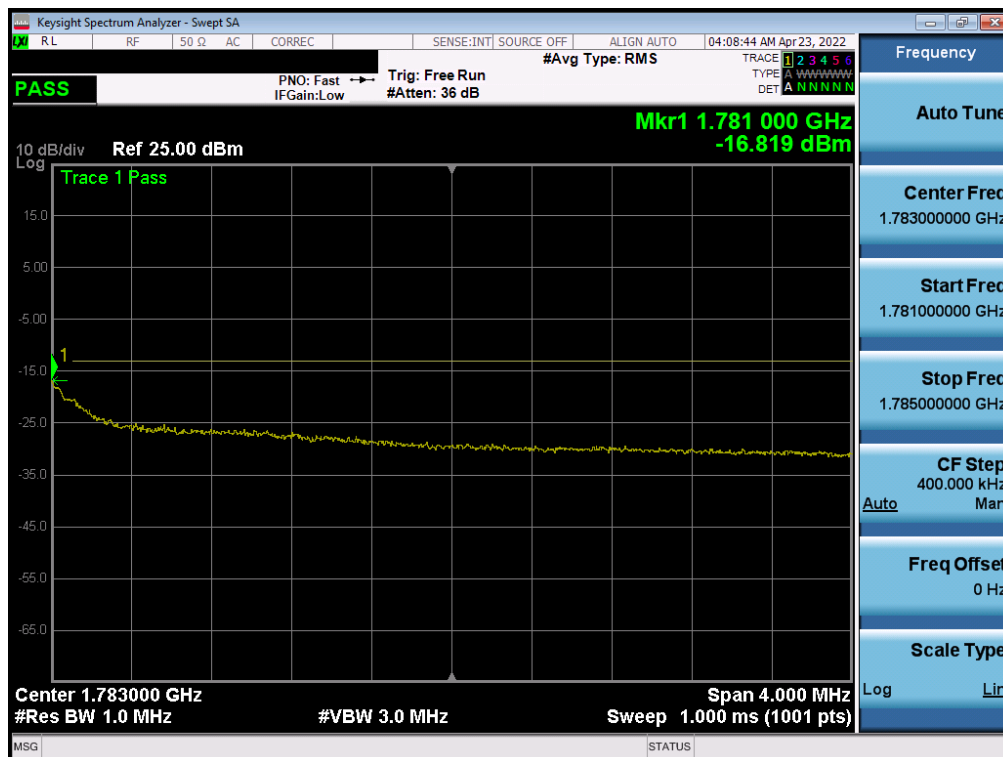


Plot 7-277. Lower Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 164 of 275

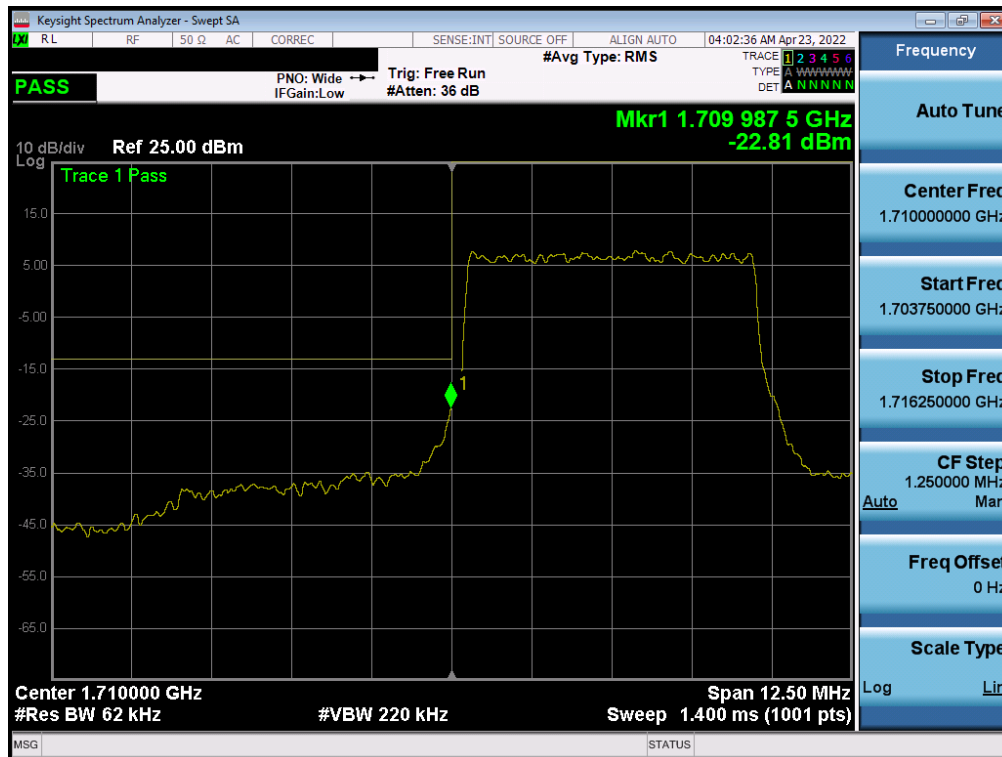


Plot 7-278. Upper Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

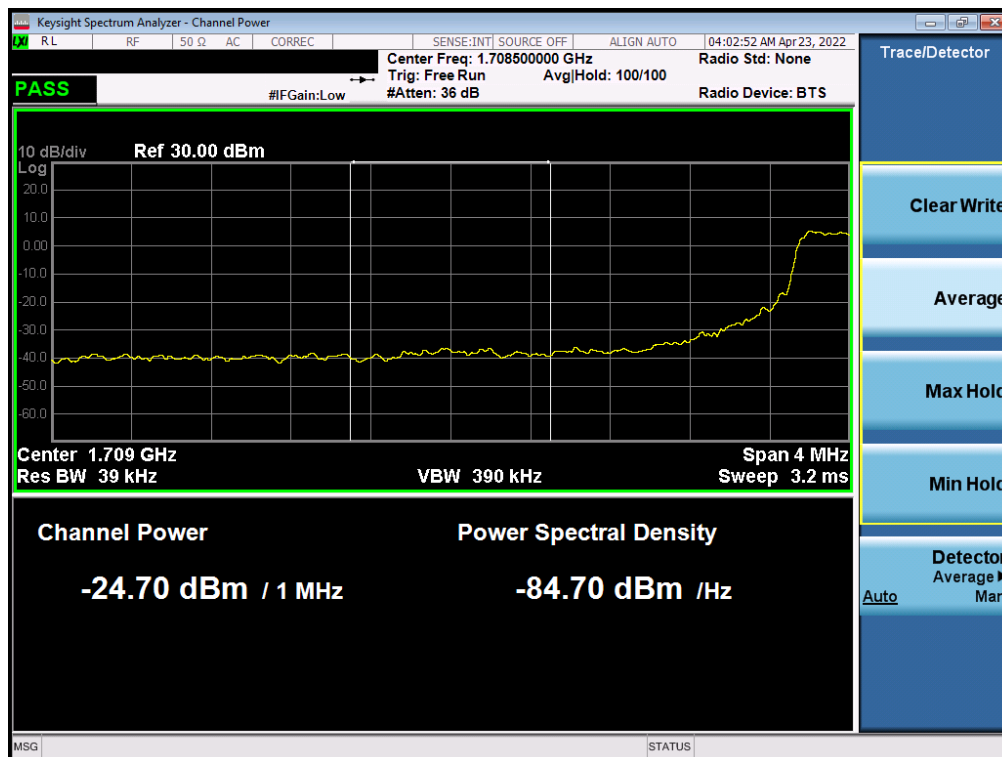


Plot 7-279. Upper Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 165 of 275

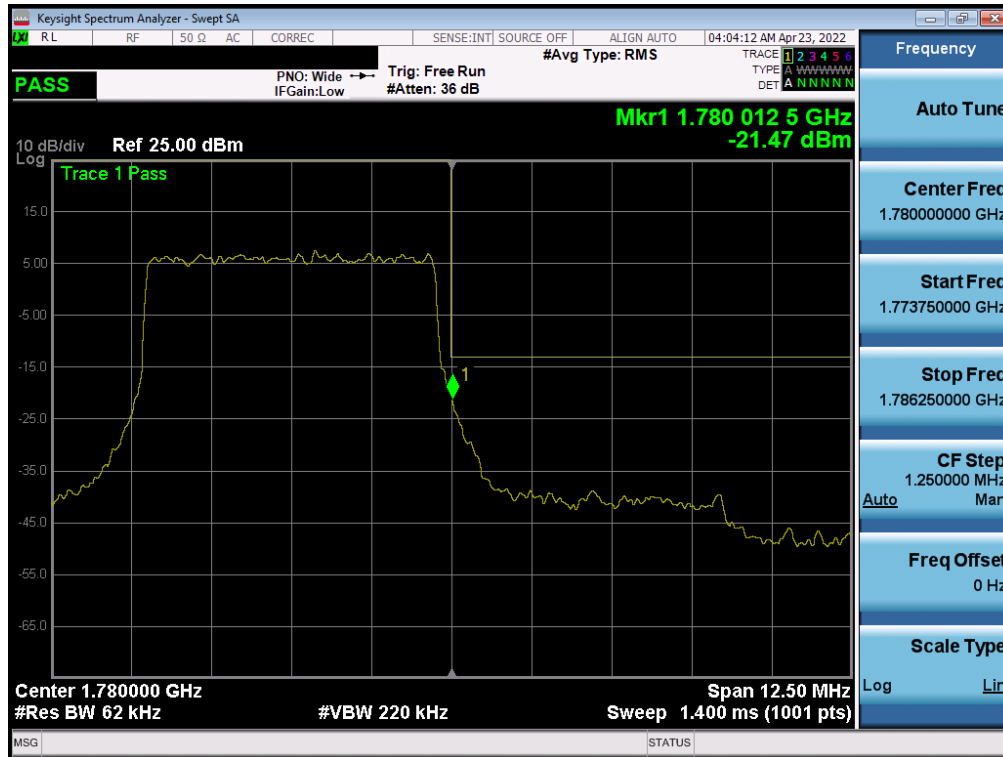


Plot 7-280. Lower Band Edge Plot (NR Band n66 – 5.0MHz - Full RB)

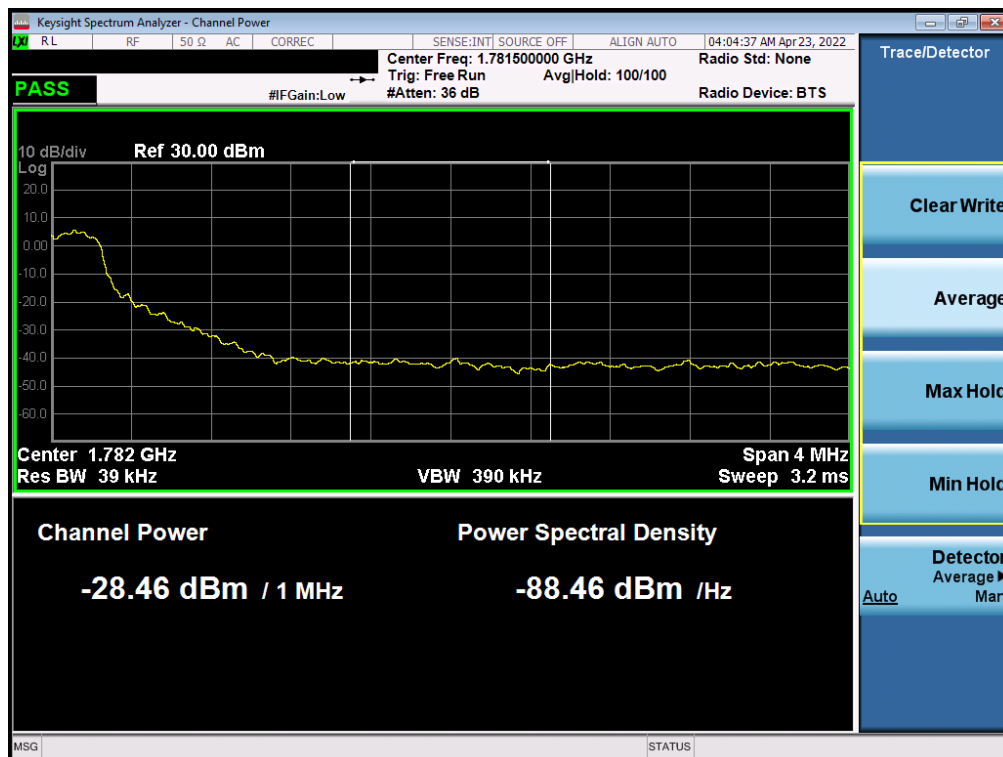


Plot 7-281. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 166 of 275



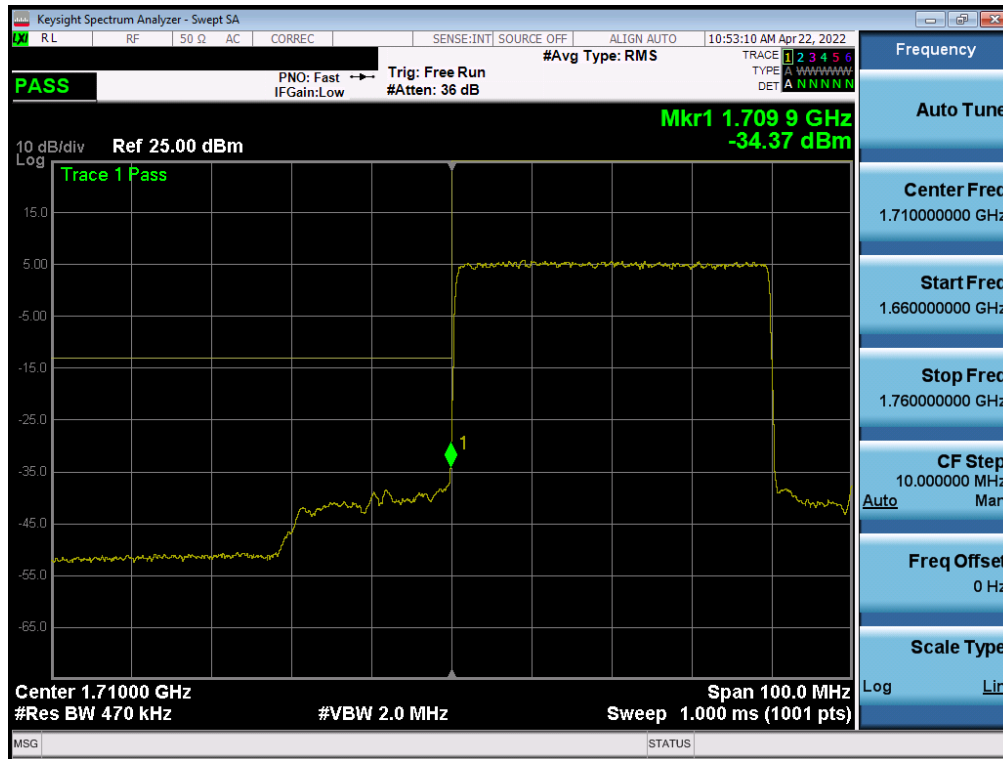
Plot 7-282. Upper Band Edge Plot (NR Band n66 - 5.0MHz - Full RB)



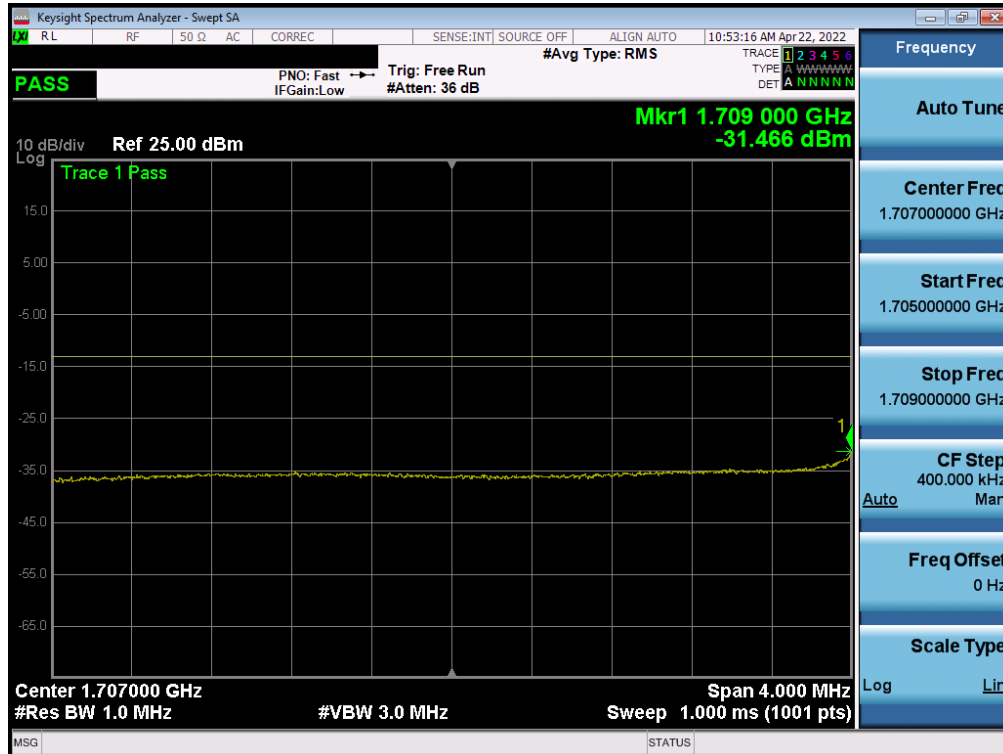
Plot 7-283. Upper Extended Band Edge Plot (NR Band n66 - 5.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 167 of 275

NR Band n66 ANT I

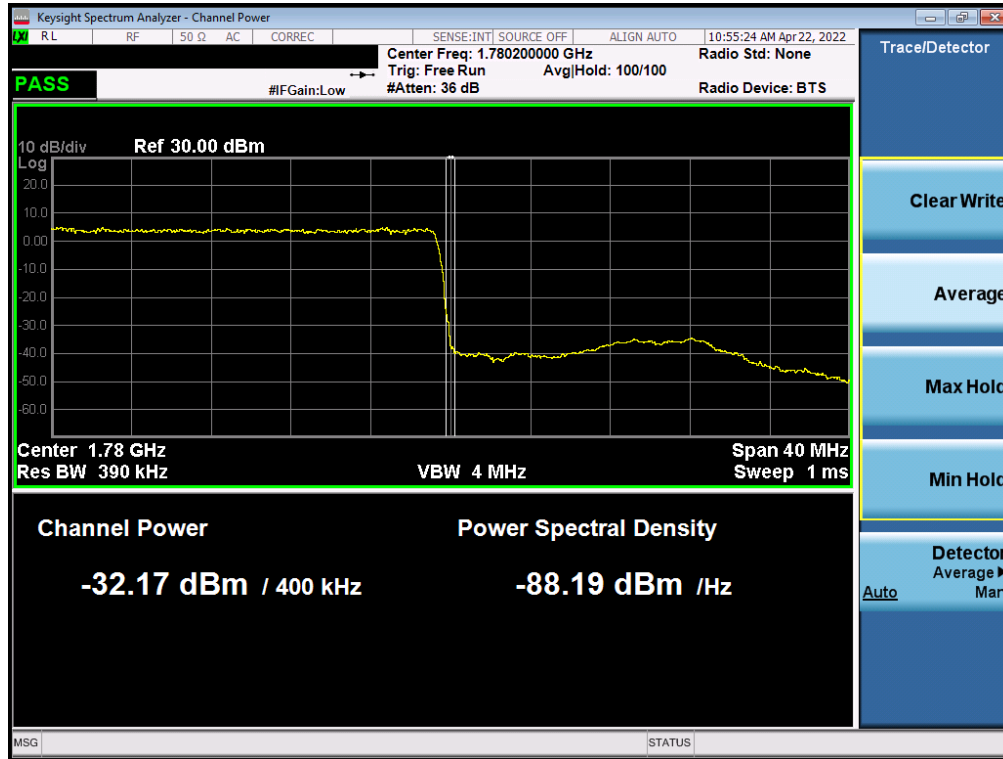


Plot 7-284. Lower Band Edge Plot (NR Band n66 – 40.0MHz - Full RB)

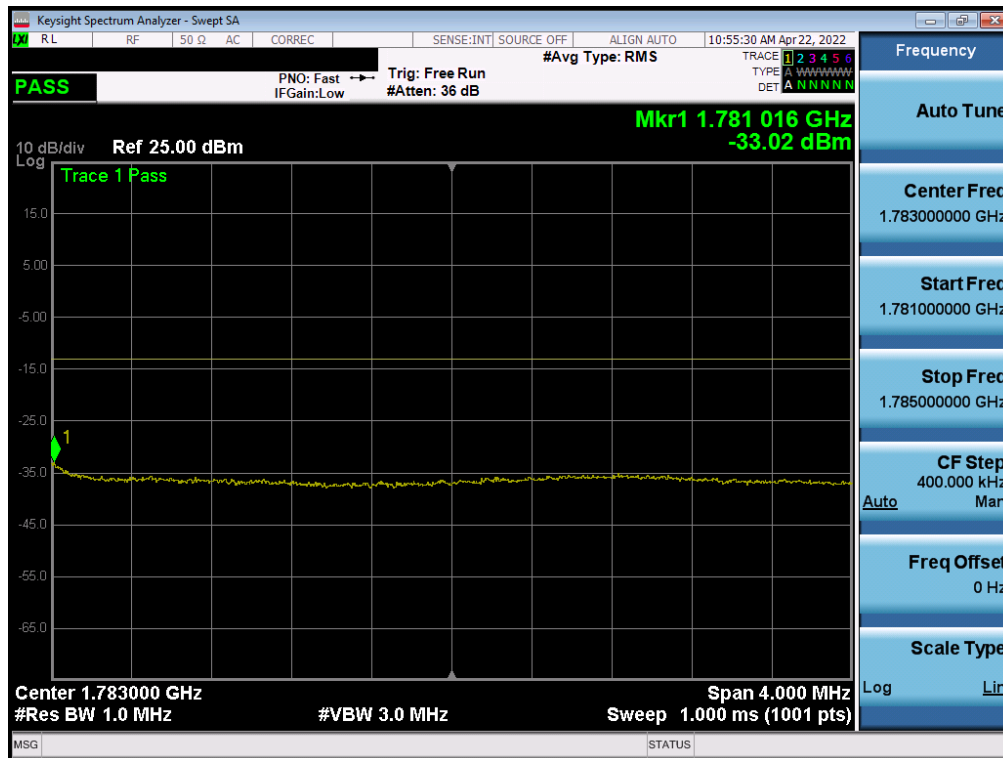


Plot 7-285. Lower Extended Band Edge Plot (NR Band n66 – 40.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 168 of 275

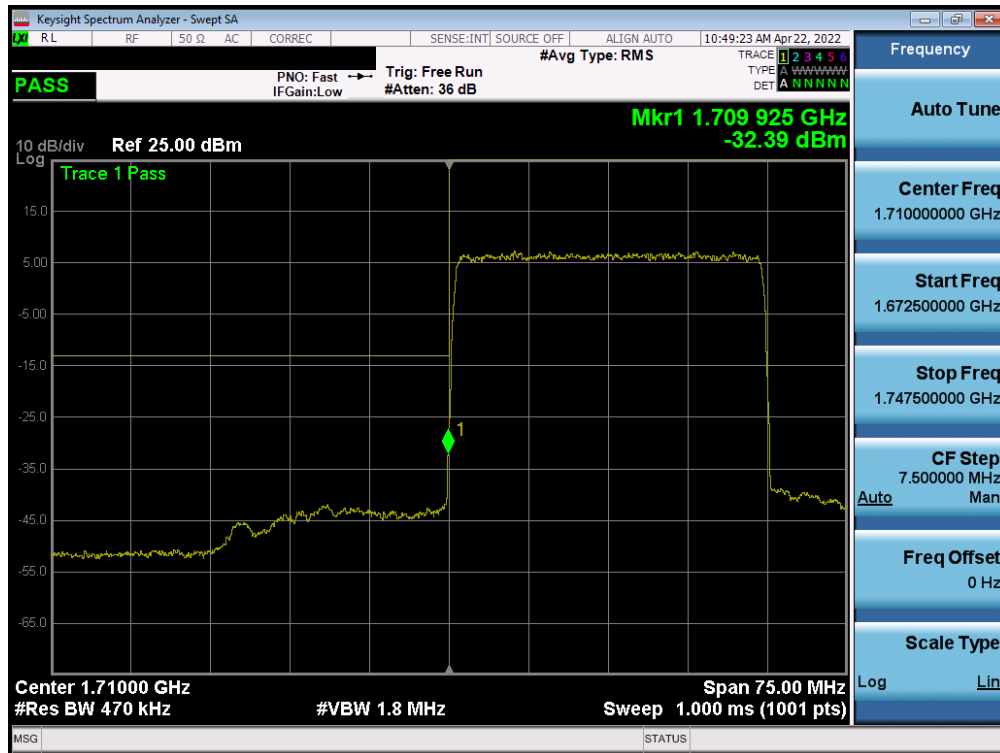


Plot 7-286. Upper Band Edge Plot (NR Band n66 – 40.0MHz - Full RB)

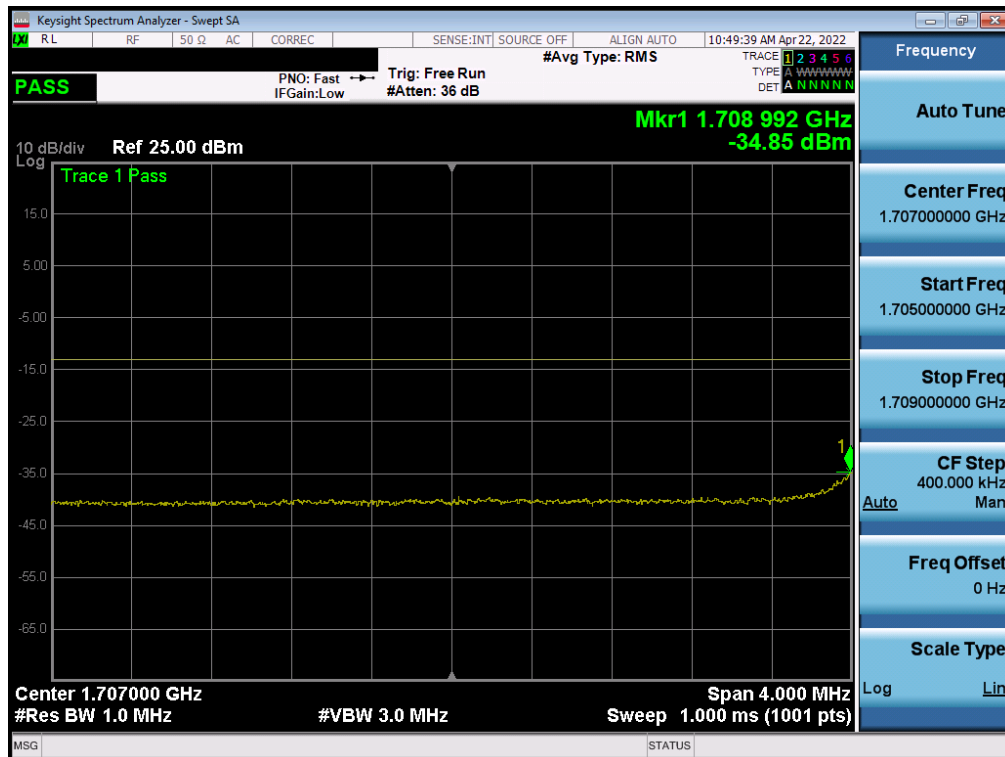


Plot 7-287. Upper Extended Band Edge Plot (NR Band n66 – 40.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 169 of 275

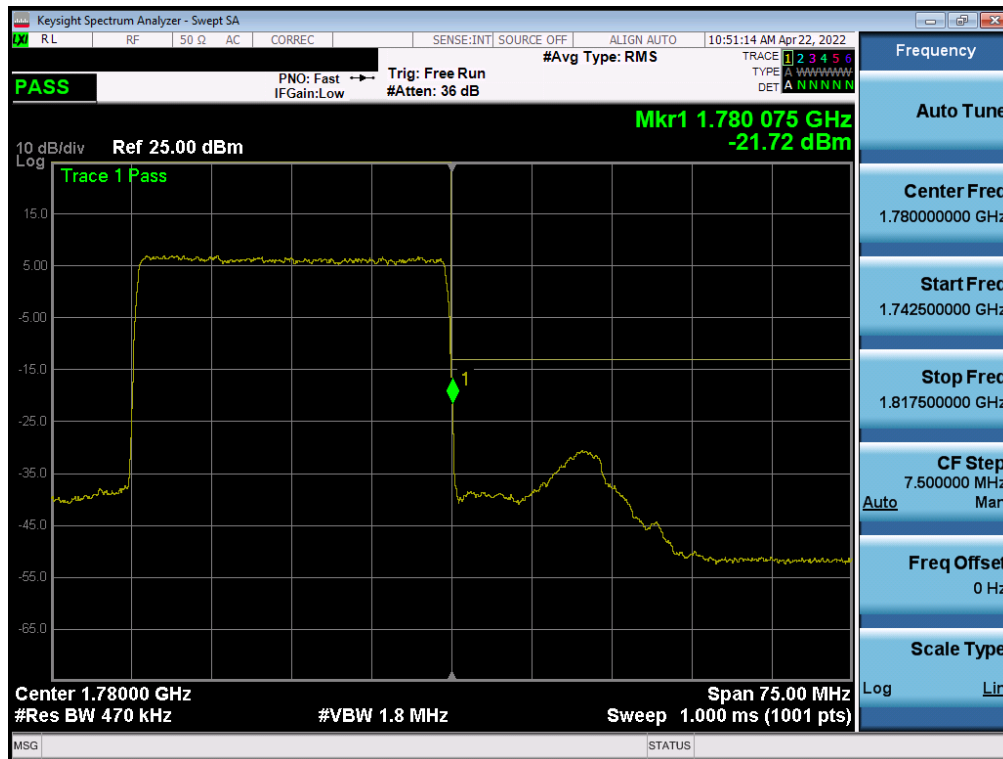


Plot 7-288. Lower Band Edge Plot (NR Band n66 – 30.0MHz - Full RB)

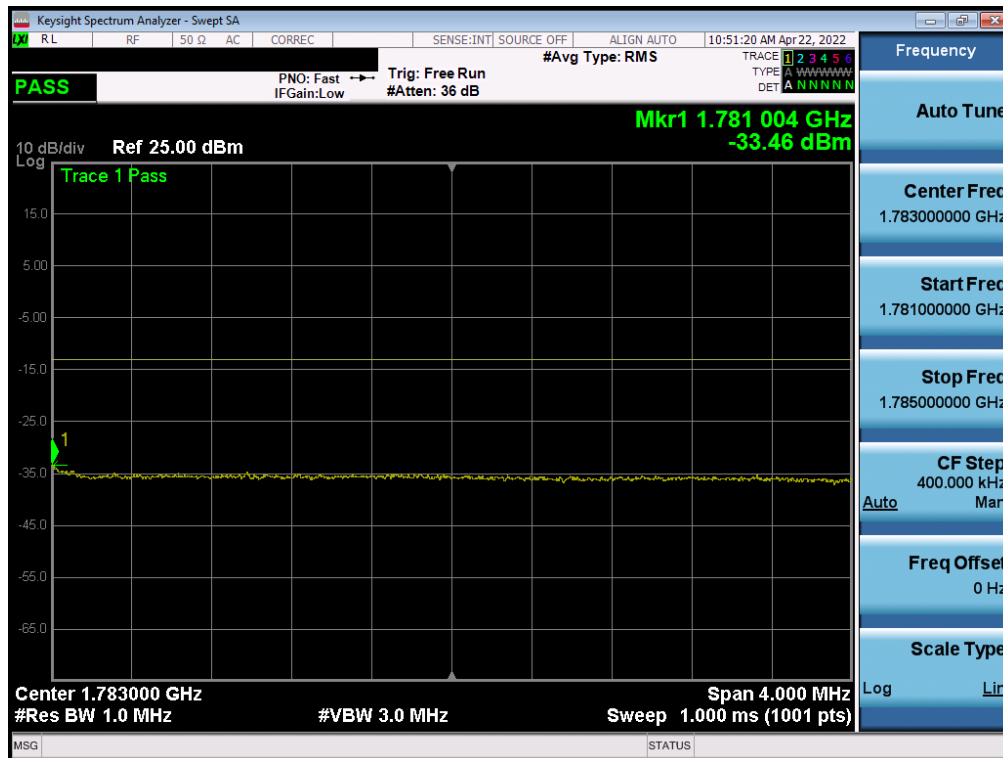


Plot 7-289. Lower Extended Band Edge Plot (NR Band n66 – 30.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 170 of 275

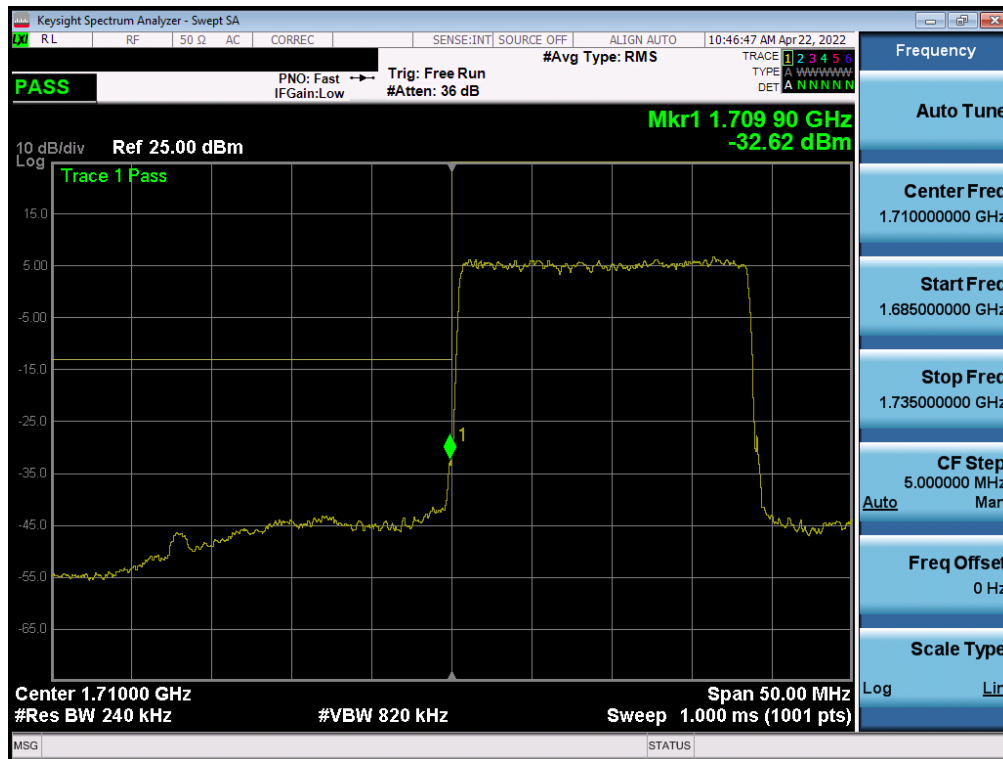


Plot 7-290. Upper Band Edge Plot (NR Band n66 - 30.0MHz - Full RB)

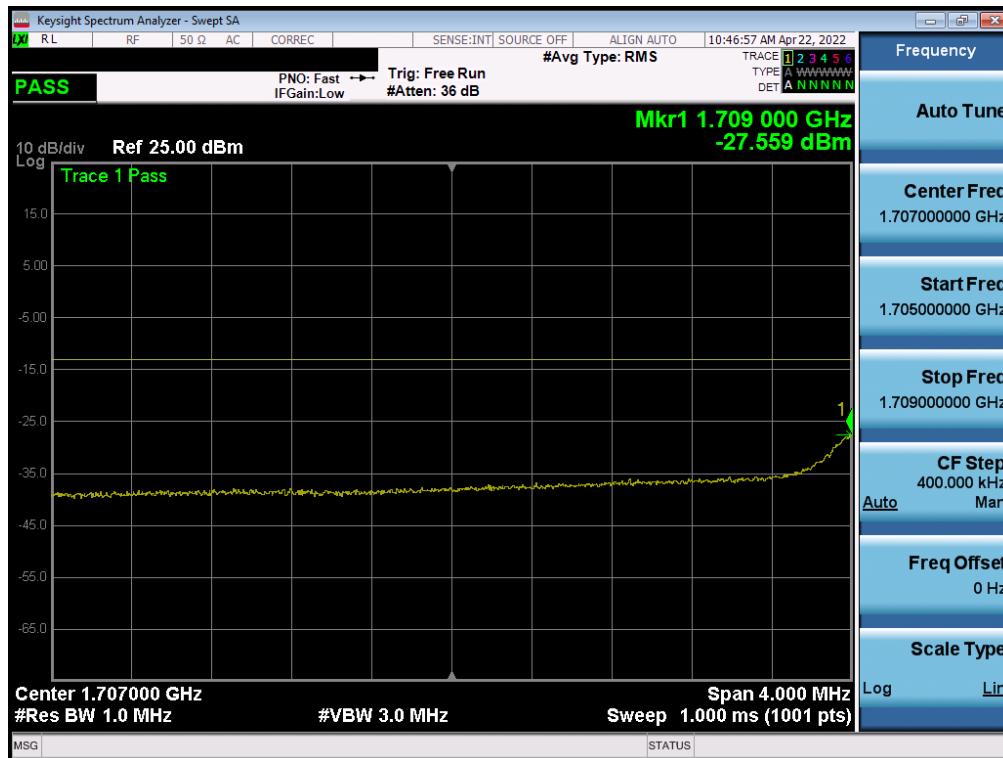


Plot 7-291. Upper Extended Band Edge Plot (NR Band n66 - 30.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 171 of 275



Plot 7-292. Lower Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)

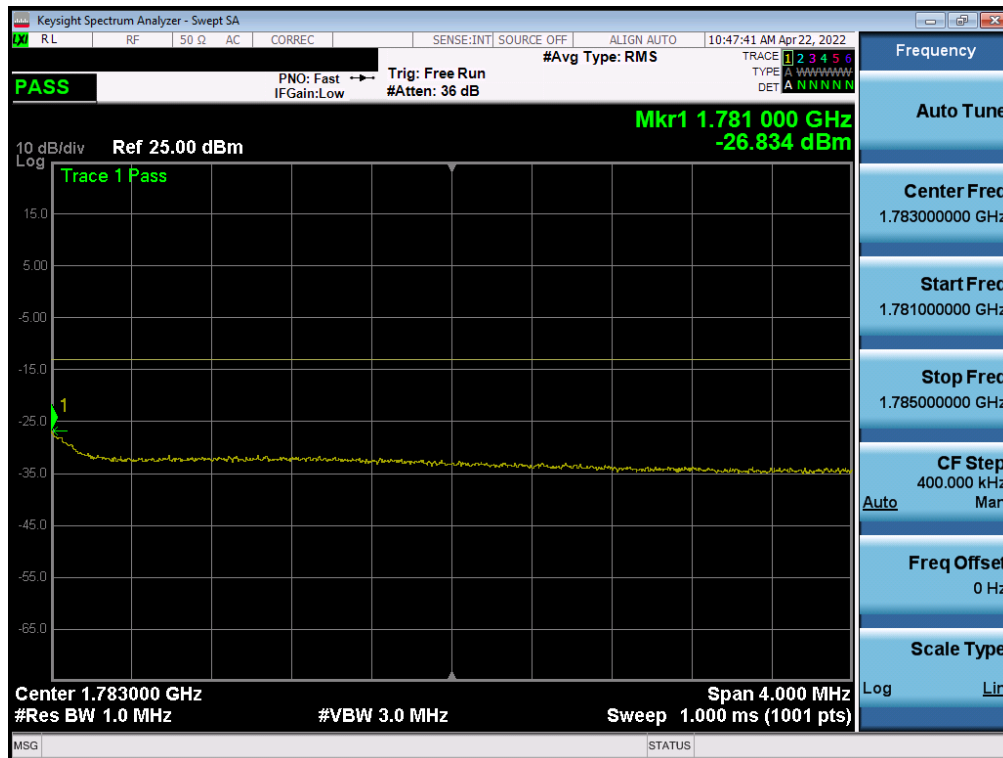


Plot 7-293. Lower Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 172 of 275



Plot 7-294. Upper Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)

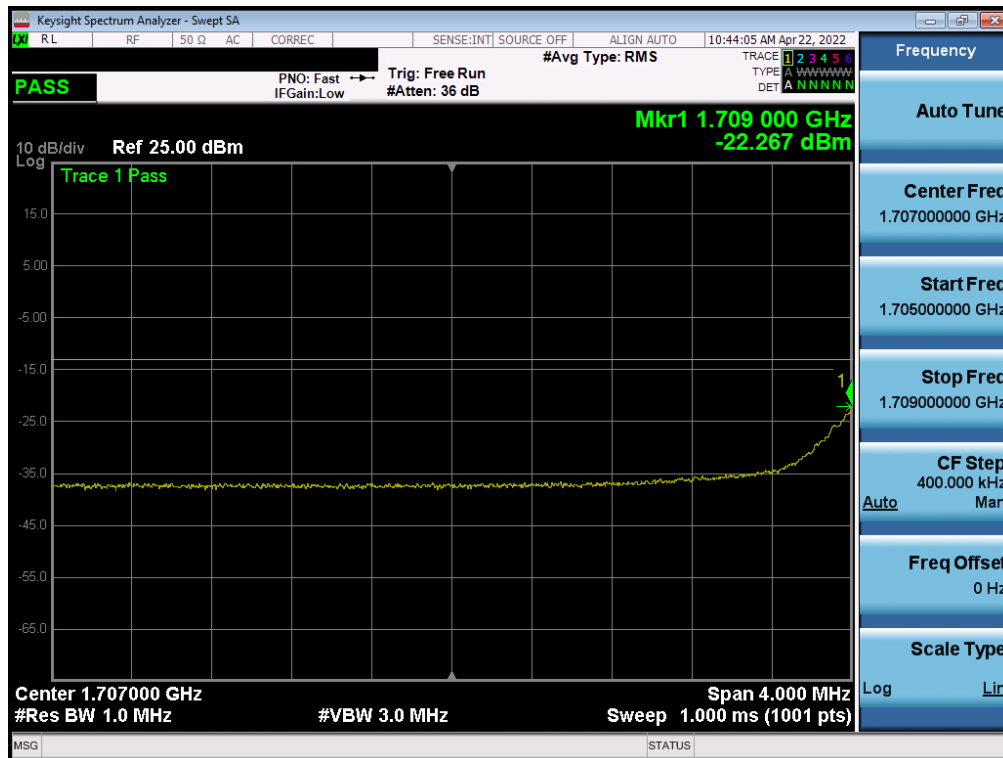


Plot 7-295. Upper Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 173 of 275



Plot 7-296. Lower Band Edge Plot (NR Band n66 - 15.0MHz - Full RB)

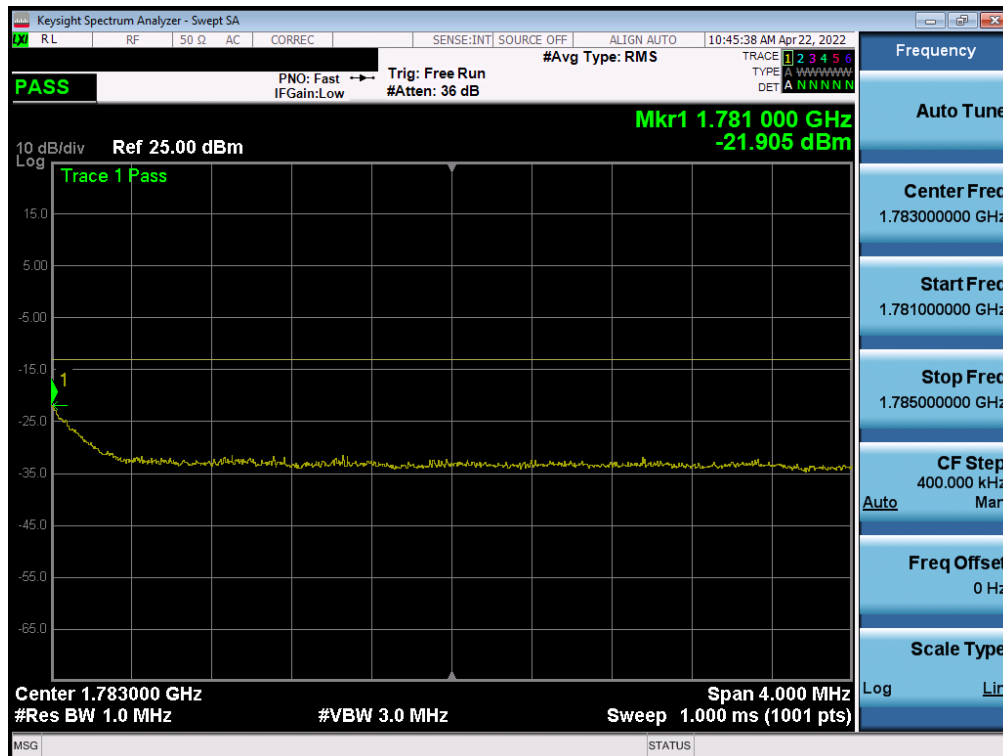


Plot 7-297. Lower Extended Band Edge Plot (NR Band n66 - 15.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 174 of 275



Plot 7-298. Upper Band Edge Plot (NR Band n66 - 15.0MHz - Full RB)

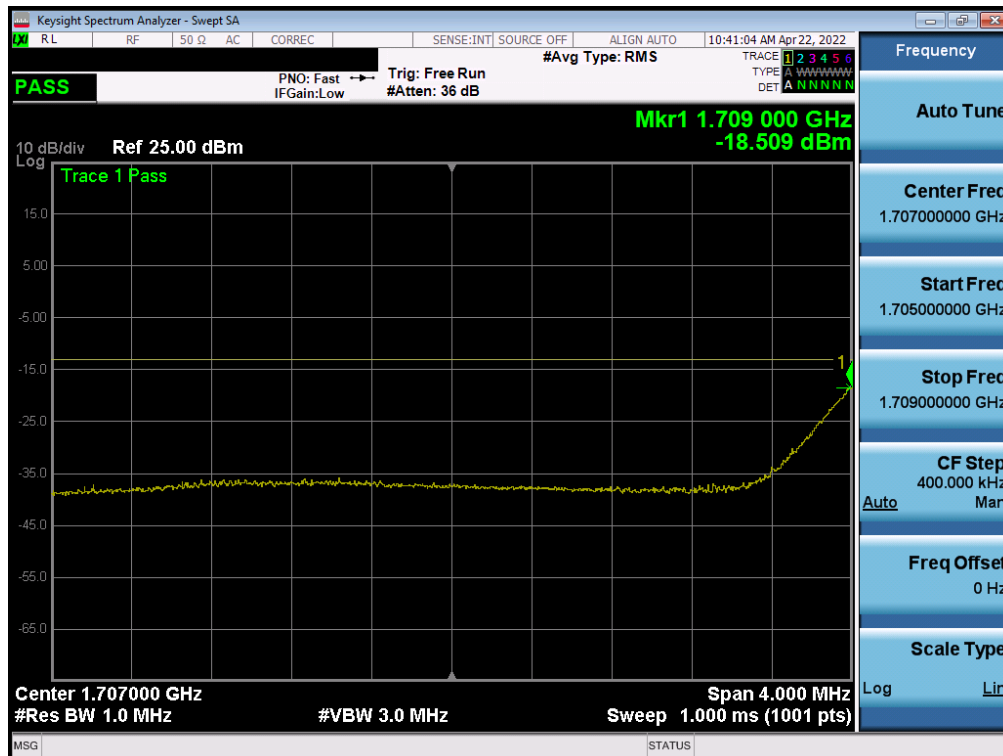


Plot 7-299. Upper Extended Band Edge Plot (NR Band n66 - 15.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 175 of 275



Plot 7-300. Lower Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

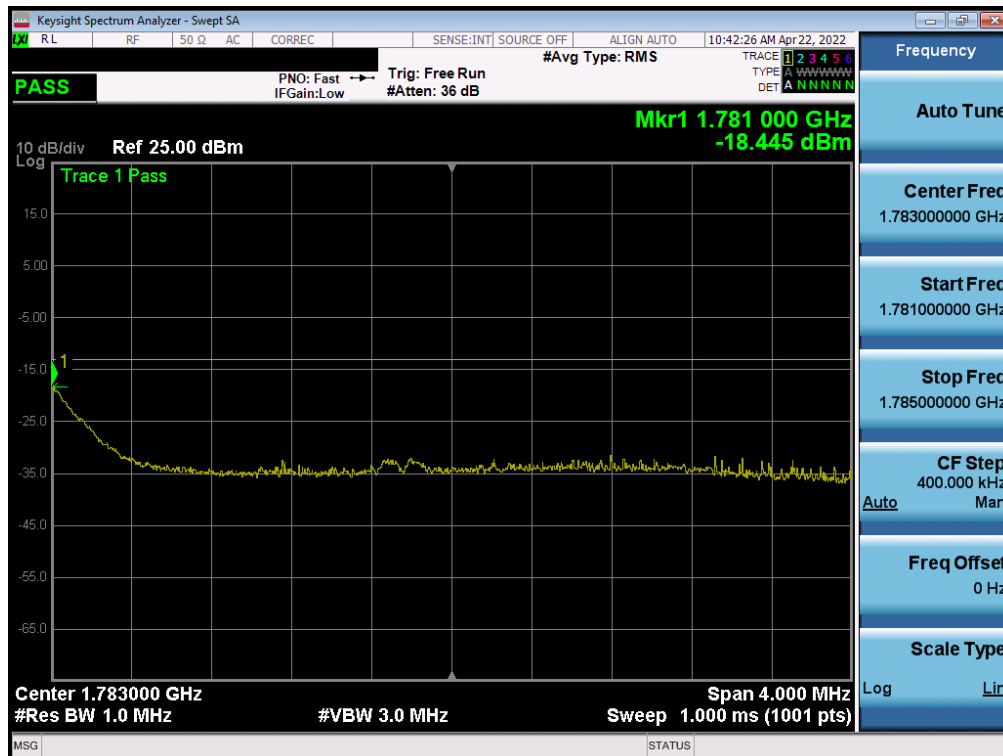


Plot 7-301. Lower Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 176 of 275

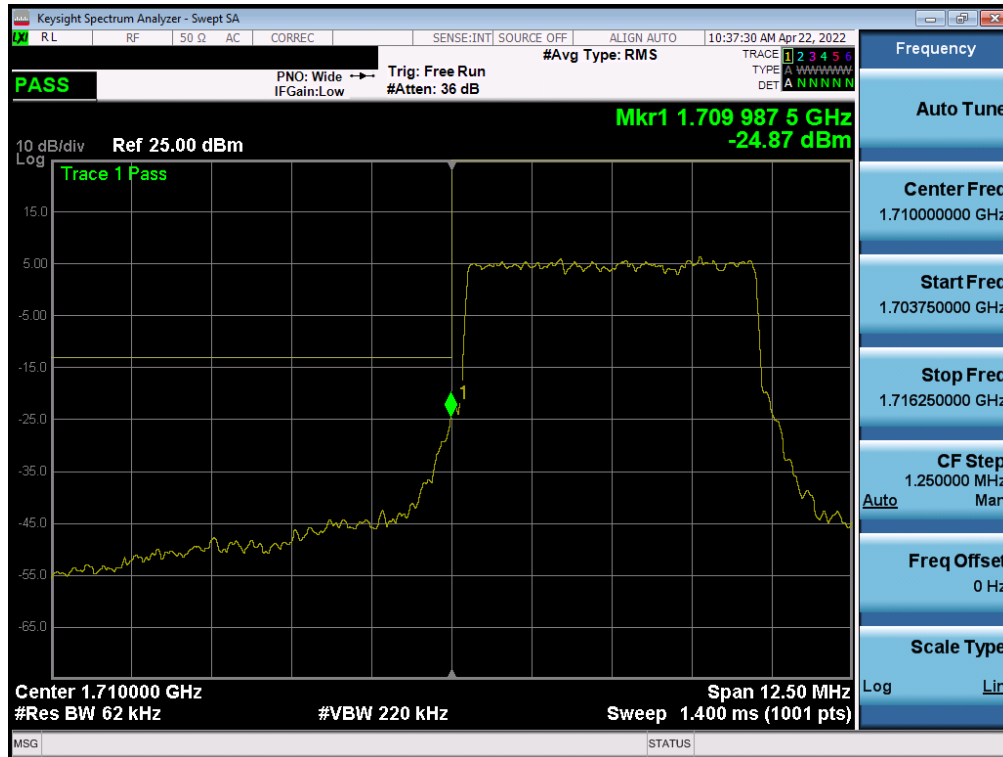


Plot 7-302. Upper Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

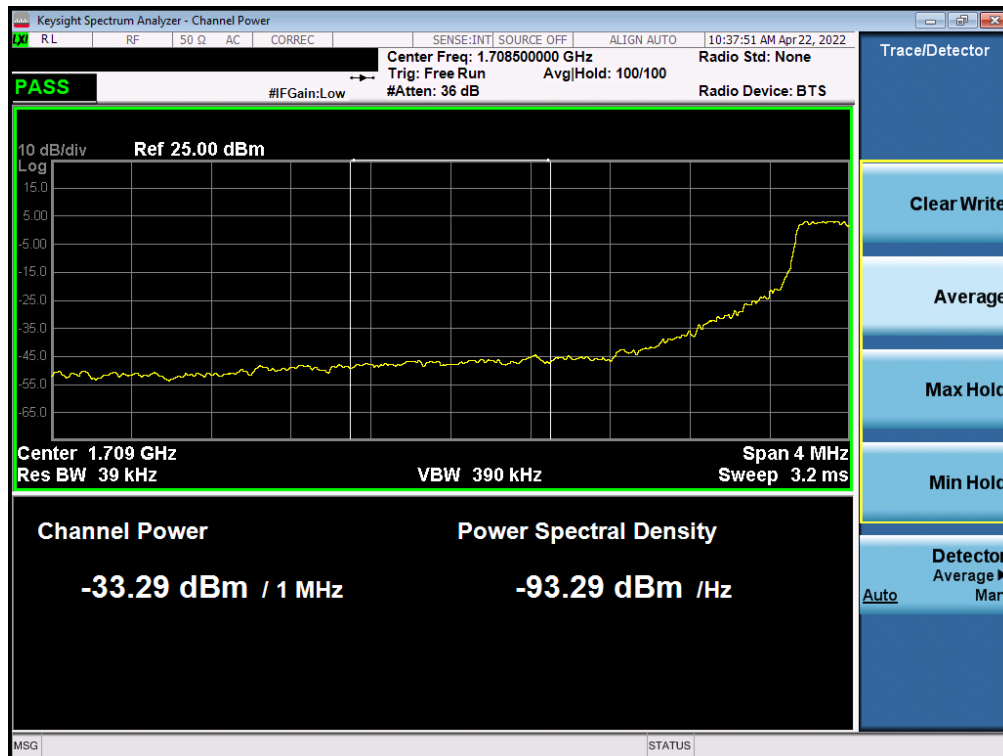


Plot 7-303. Upper Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 177 of 275



Plot 7-304. Lower Band Edge Plot (NR Band n66 – 5.0MHz - Full RB)

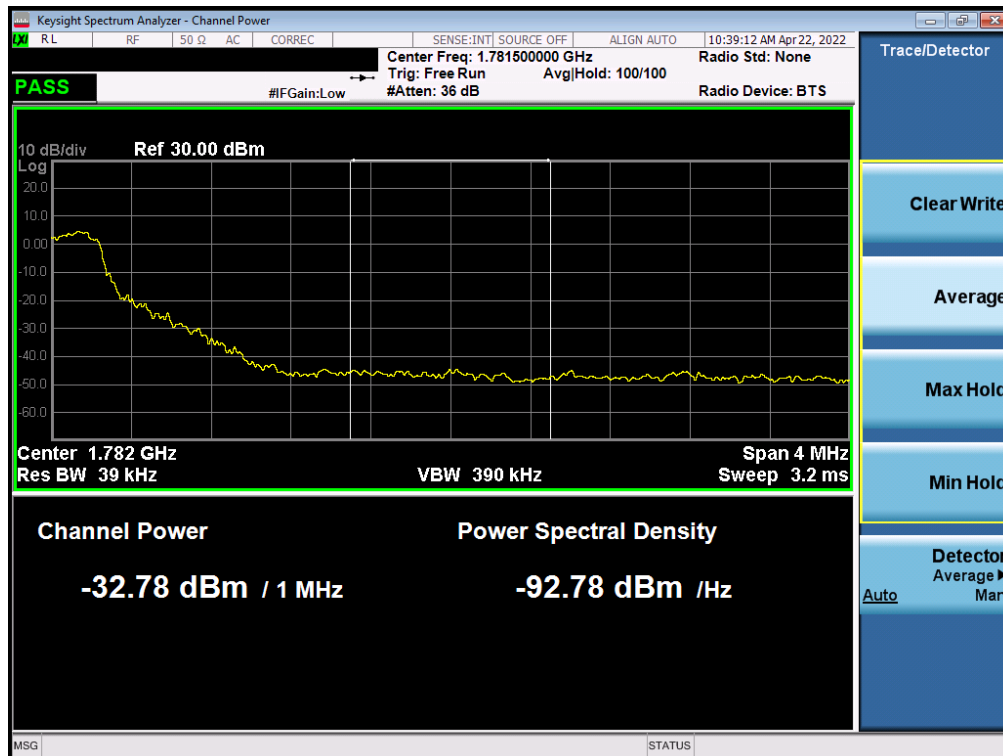


Plot 7-305. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 178 of 275



Plot 7-306. Upper Band Edge Plot (NR Band n66 - 5.0MHz - Full RB)



Plot 7-307. Upper Extended Band Edge Plot (NR Band n66 - 5.0MHz - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 179 of 275

7.6 Peak-Average Ratio

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

ANSI C63.26-2015 – Section 5.2.3.4

Test Settings

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

Test Setup

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

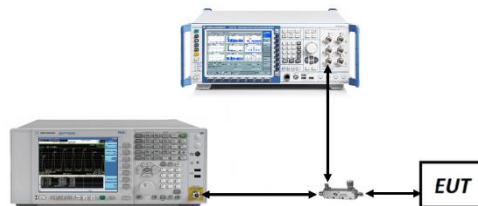


Figure 7-5. Test Instrument & Measurement Setup

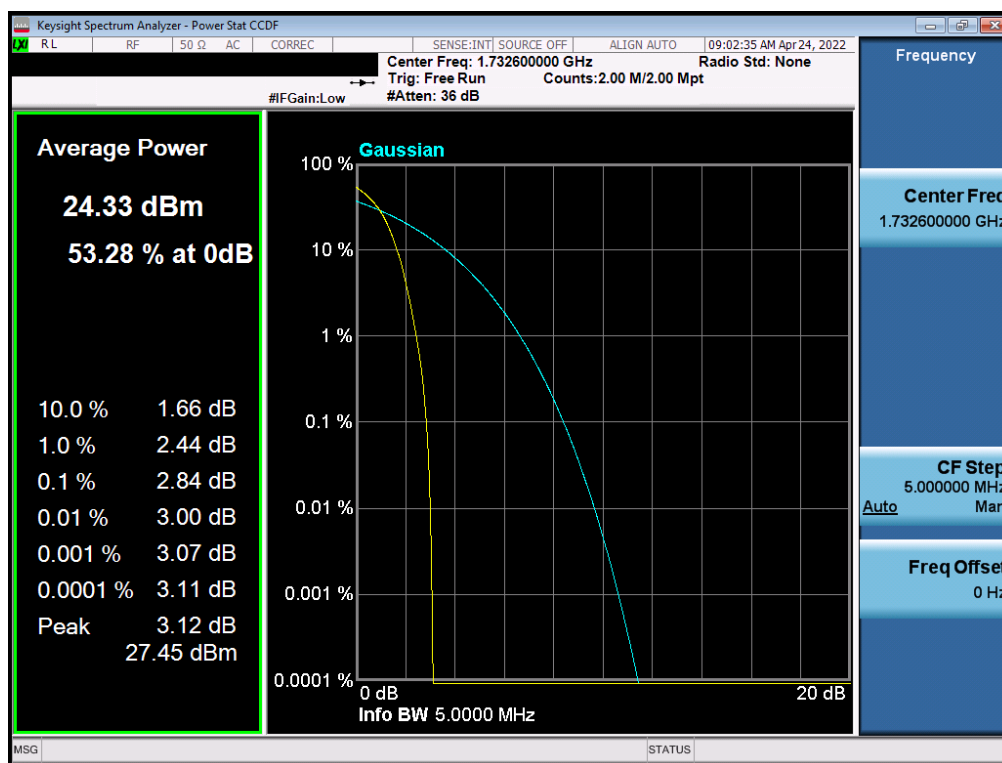
Test Notes

None.

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 180 of 275

V3.0 1/5/2022

WCDMA AWS

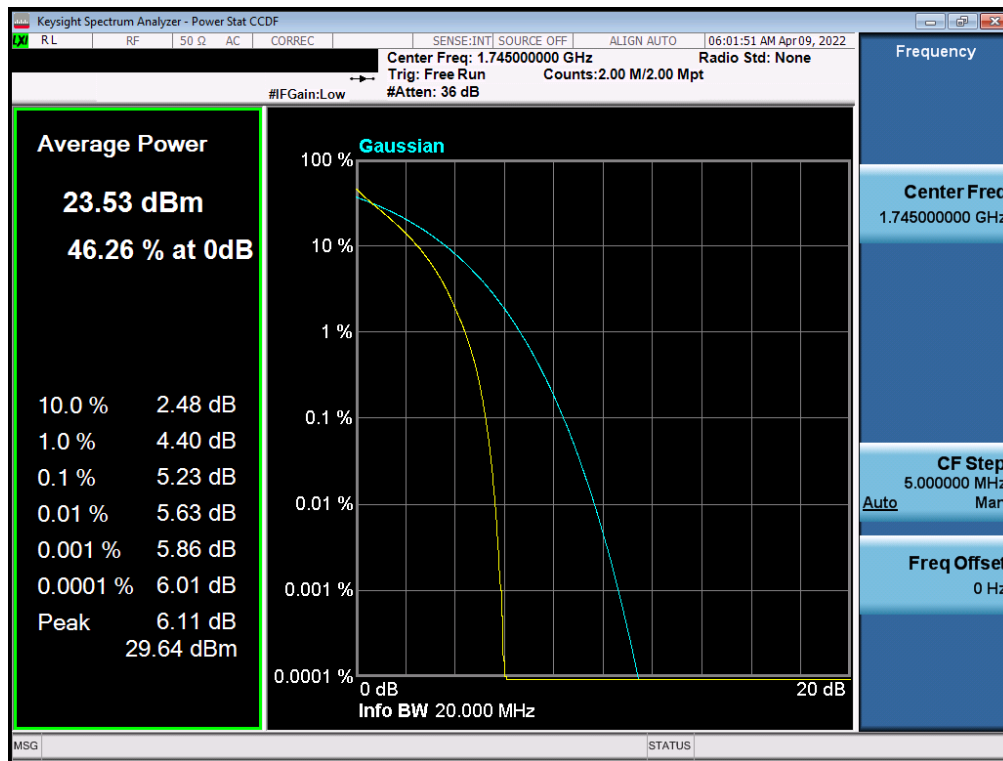


Plot 7-308. PAR Plot (WCDMA, Ch. 1413)

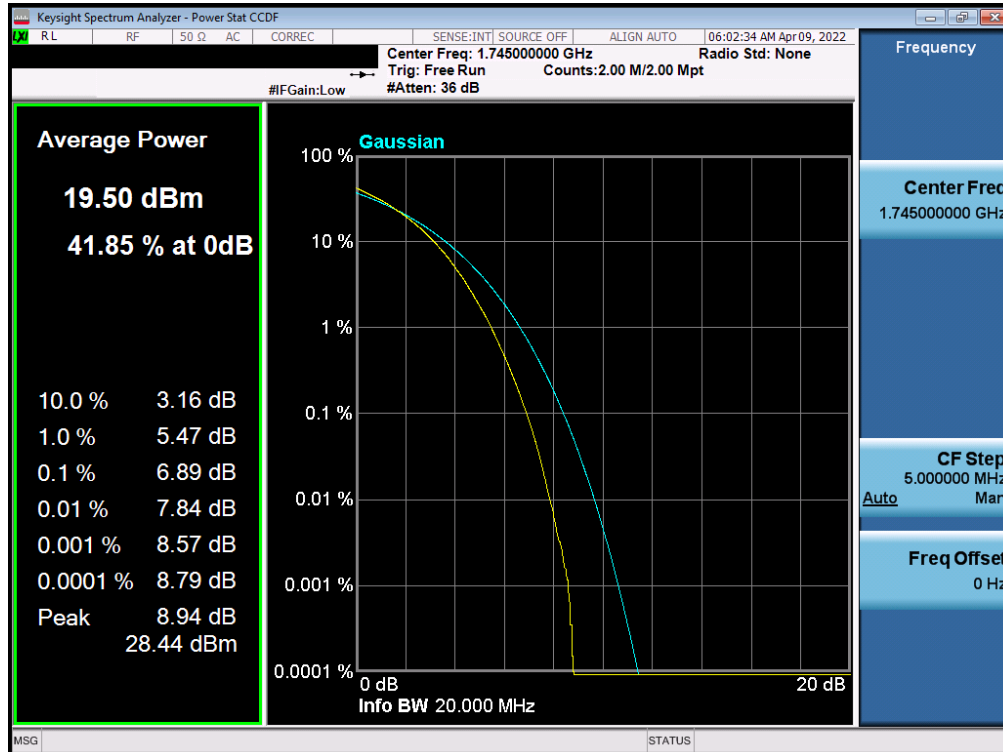
FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 181 of 275

V3.0 1/5/2022

LTE Band 66/4

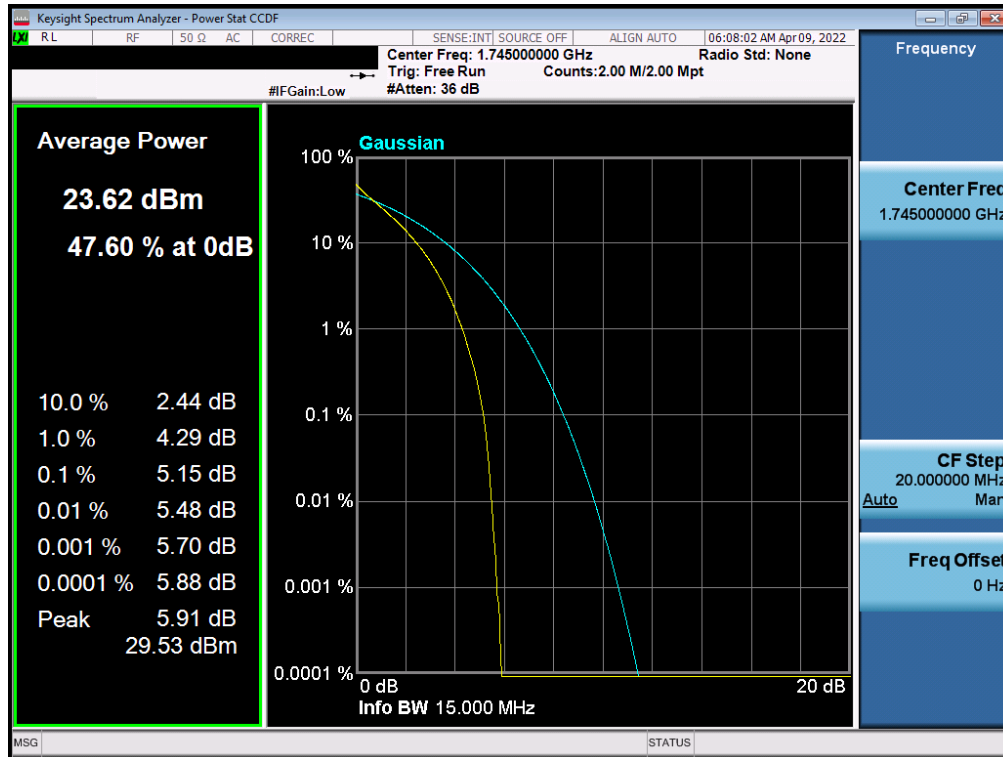


Plot 7-309. PAR Plot (LTE Band 66/4 - 20MHz QPSK - Full RB)

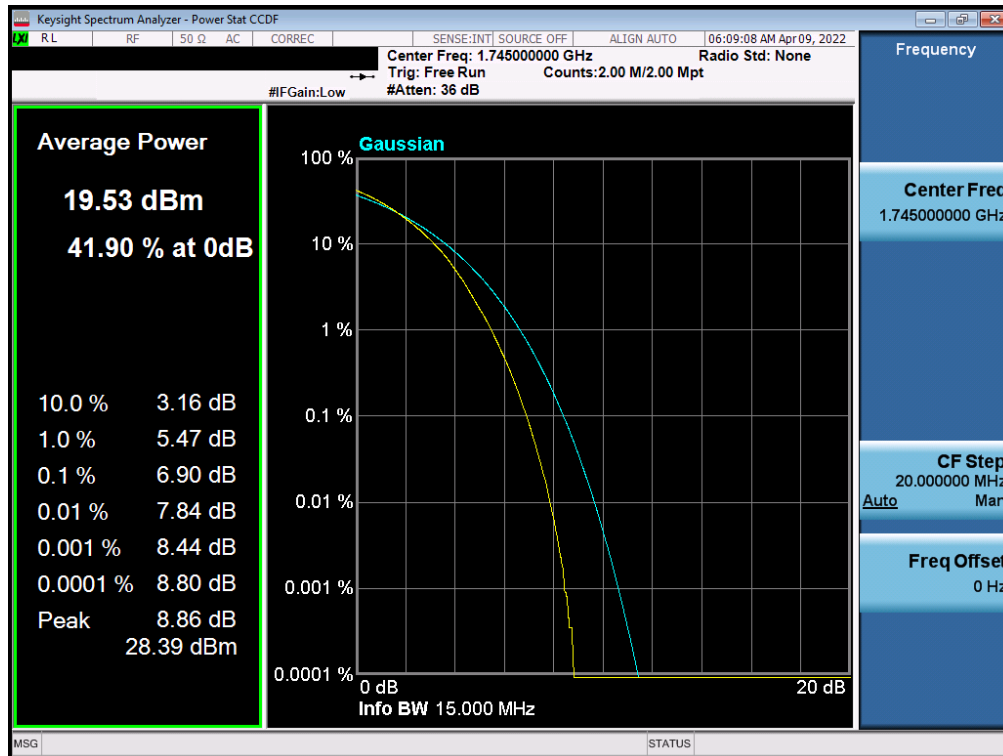


Plot 7-310. PAR Plot (LTE Band 66/4 - 20MHz 256-QAM - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 182 of 275

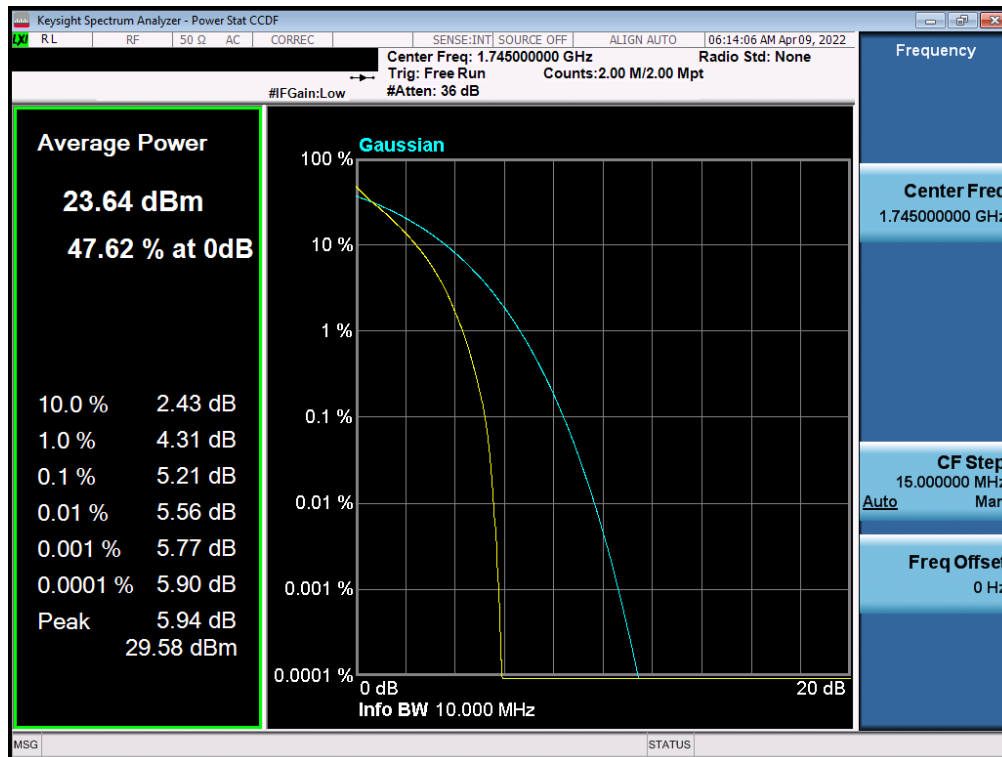


Plot 7-311. PAR Plot (LTE Band 66/4 - 15MHz QPSK - Full RB)

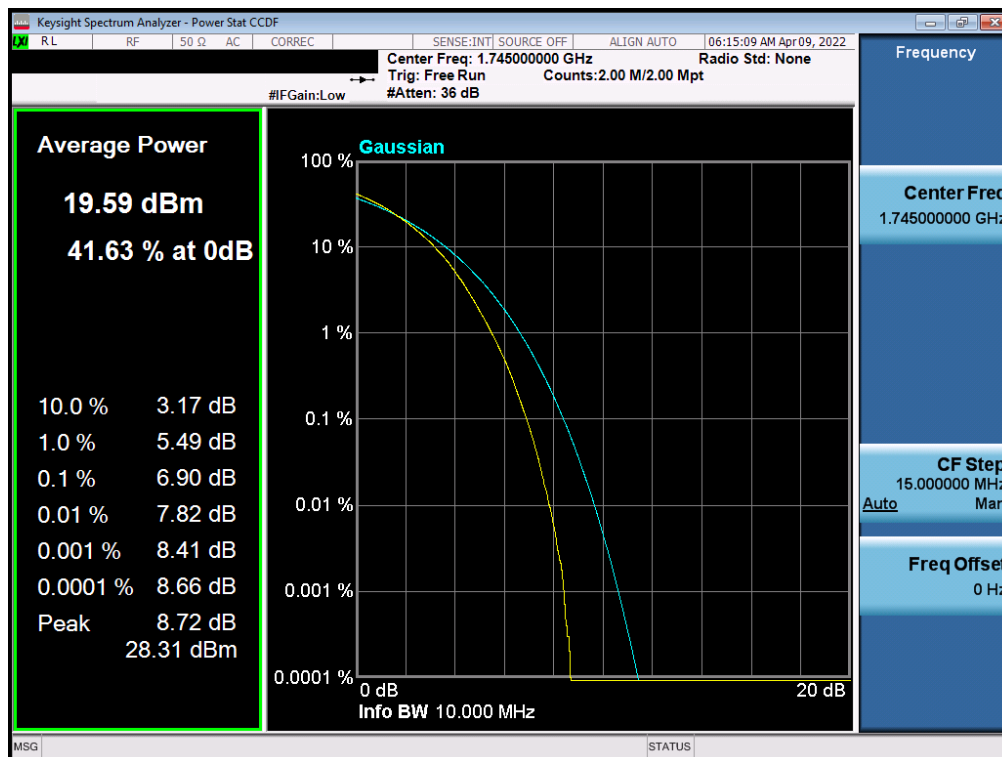


Plot 7-312. PAR Plot (LTE Band 66/4 - 15MHz 256-QAM - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 183 of 275

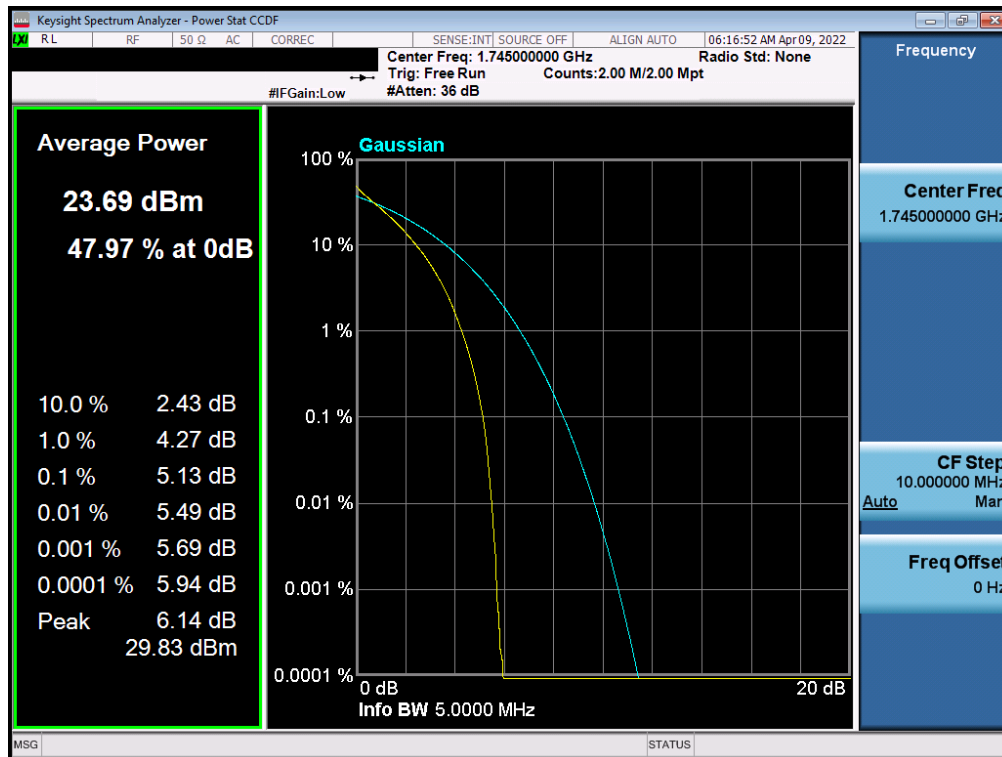


Plot 7-313. PAR Plot (LTE Band 66/4 - 10MHz QPSK - Full RB)

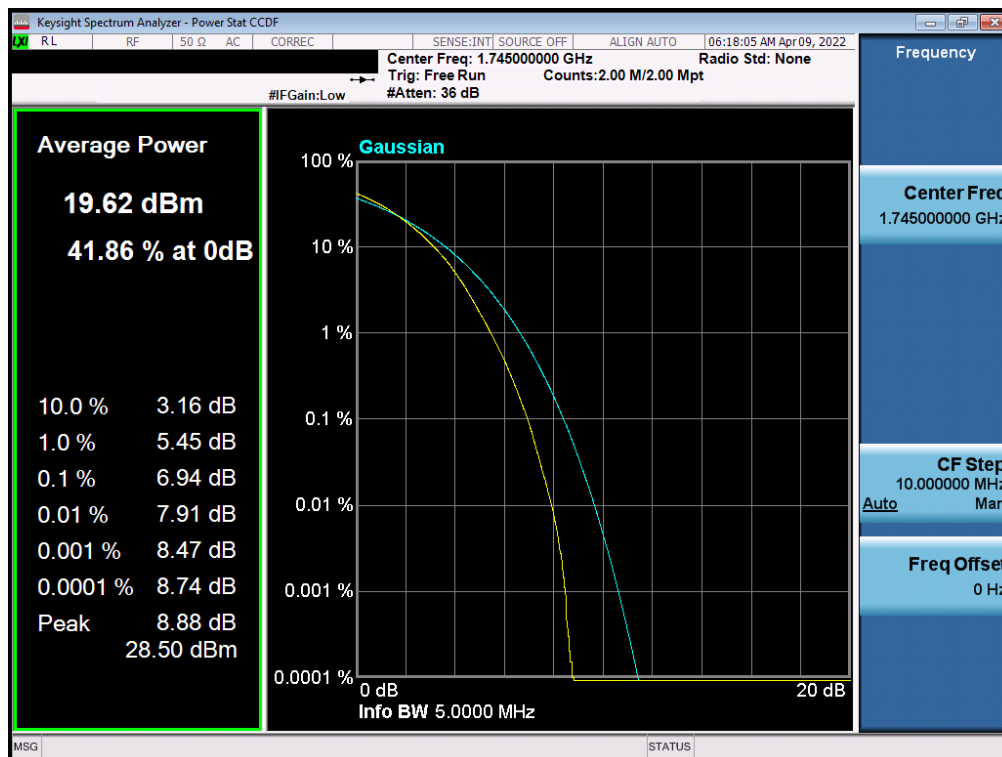


Plot 7-314. PAR Plot (LTE Band 66/4 - 10MHz 256-QAM - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 184 of 275

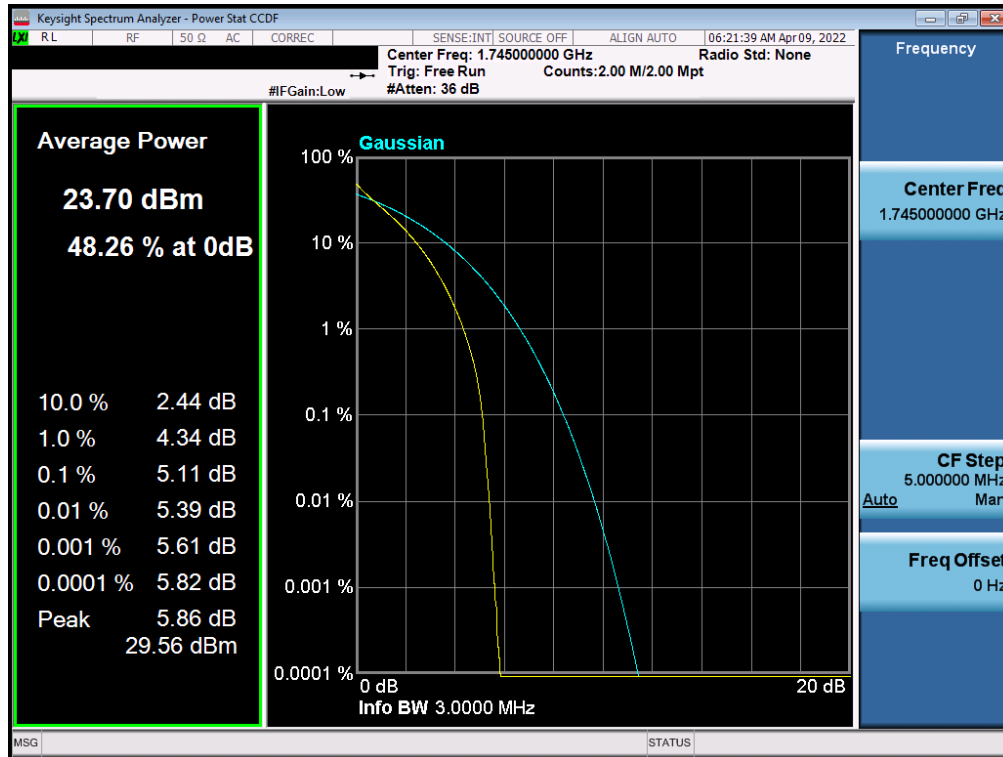


Plot 7-315. PAR Plot (LTE Band 66/4 - 5MHz QPSK - Full RB)

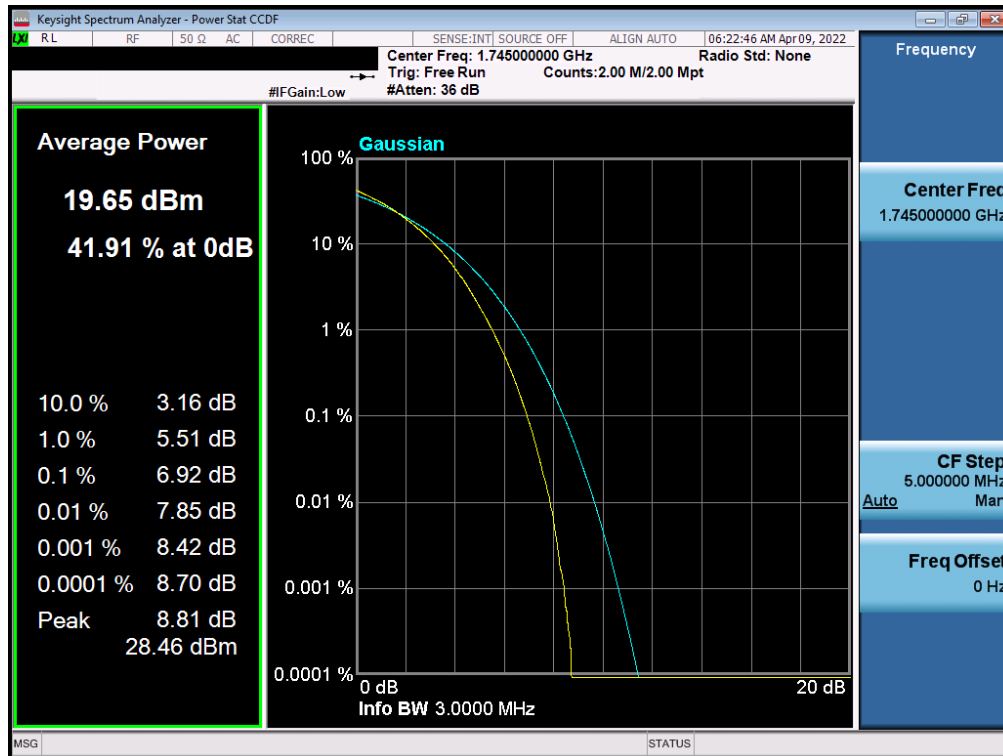


Plot 7-316. PAR Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 185 of 275

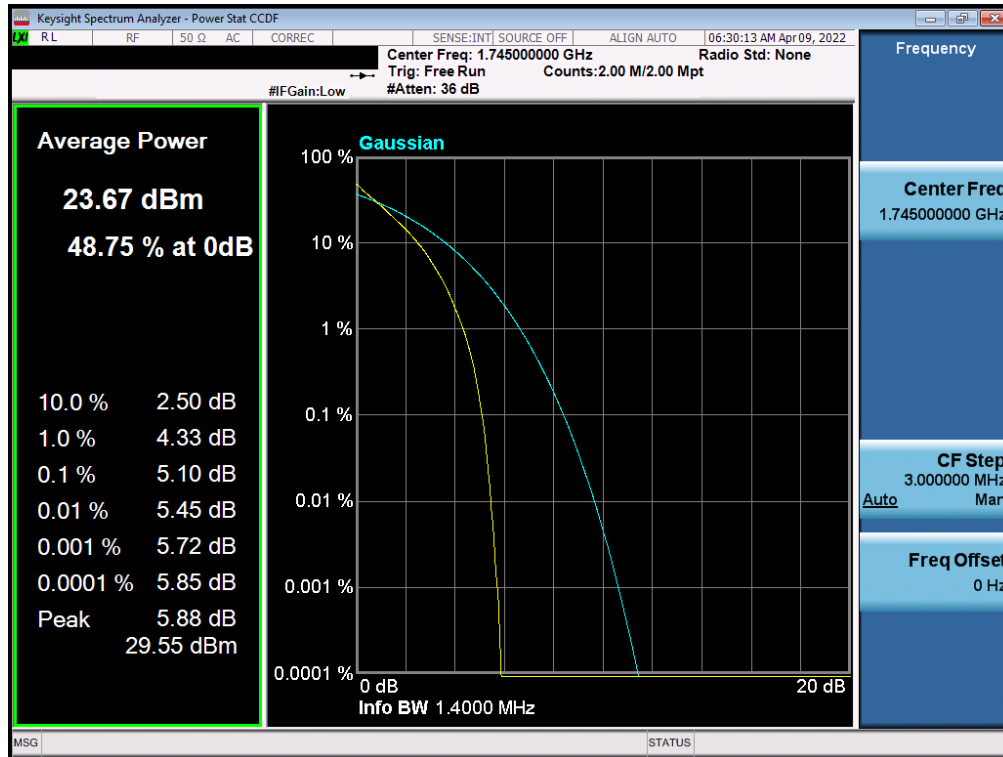


Plot 7-317. PAR Plot (LTE Band 66/4 - 3MHz QPSK - Full RB)

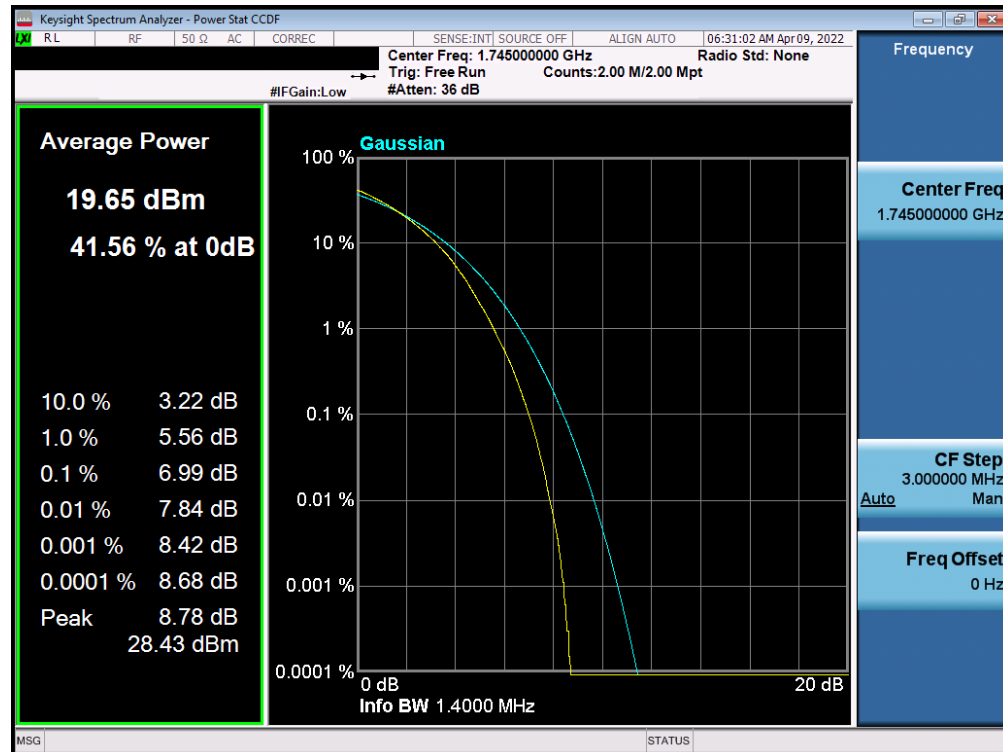


Plot 7-318. PAR Plot (LTE Band 66/4 - 3MHz 256-QAM - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 186 of 275



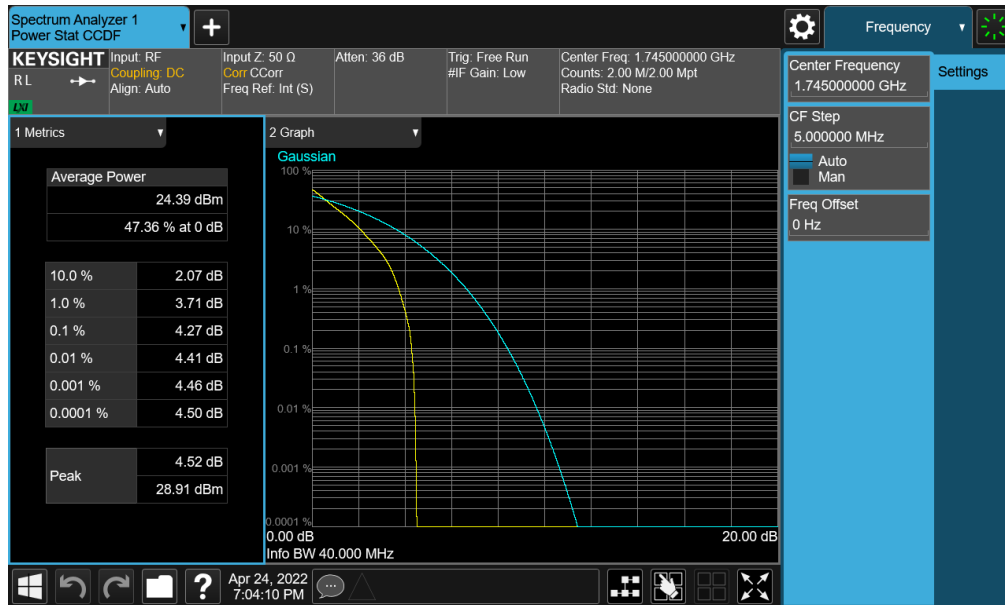
Plot 7-319. PAR Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB)



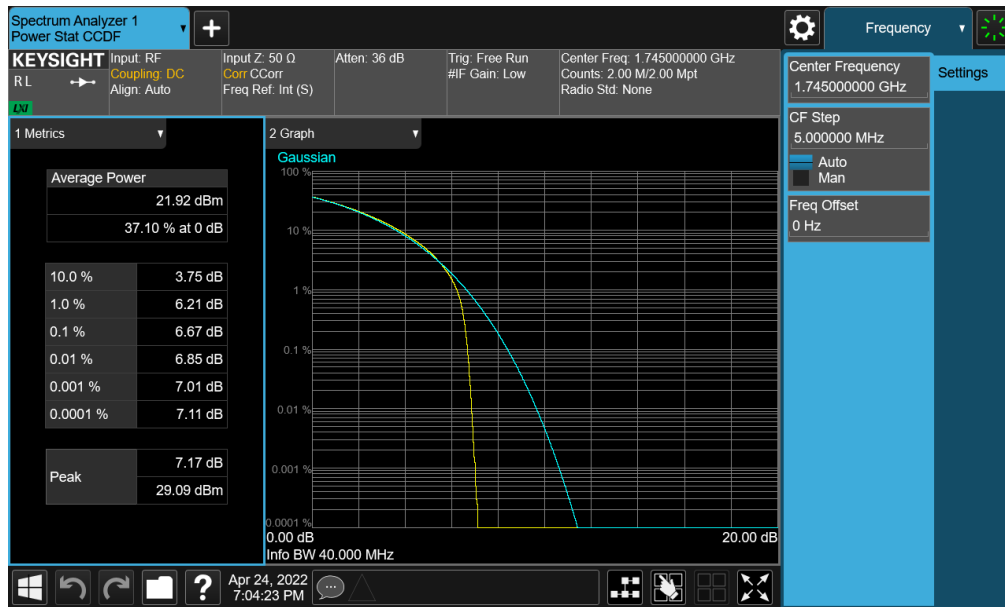
Plot 7-320. PAR Plot (LTE Band 66/4 - 1.4MHz 256-QAM - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 187 of 275

NR Band n66 ANT A

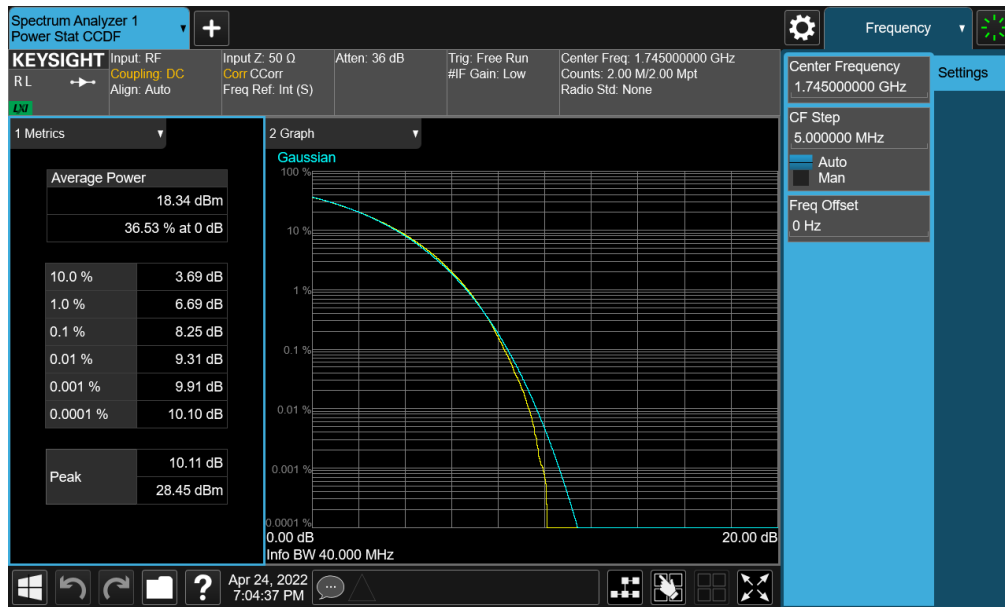


Plot 7-321. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM BPSK - Full RB)

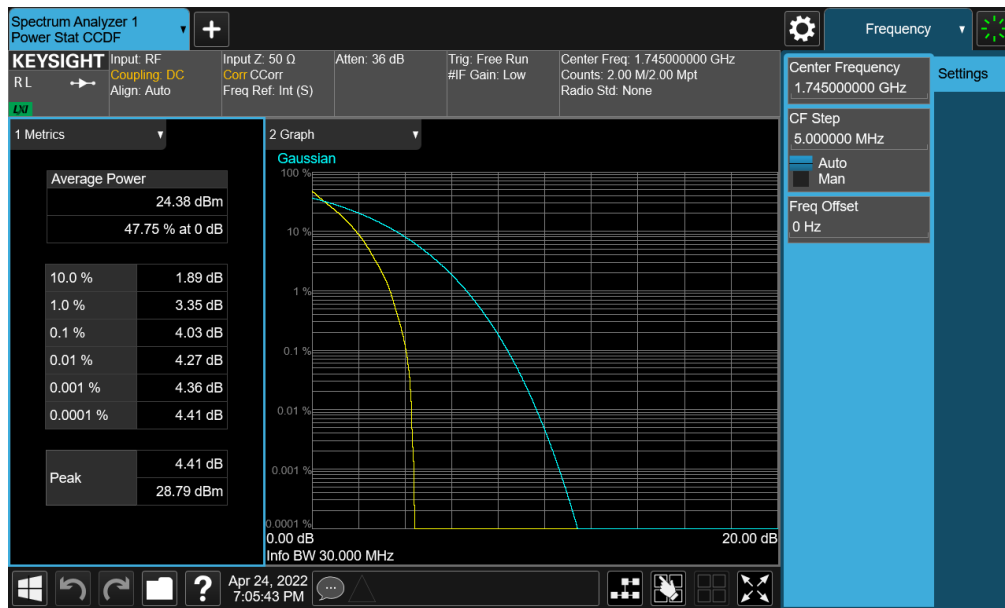


Plot 7-322. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM QPSK - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 188 of 275



Plot 7-323. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM 256-QAM - Full RB)

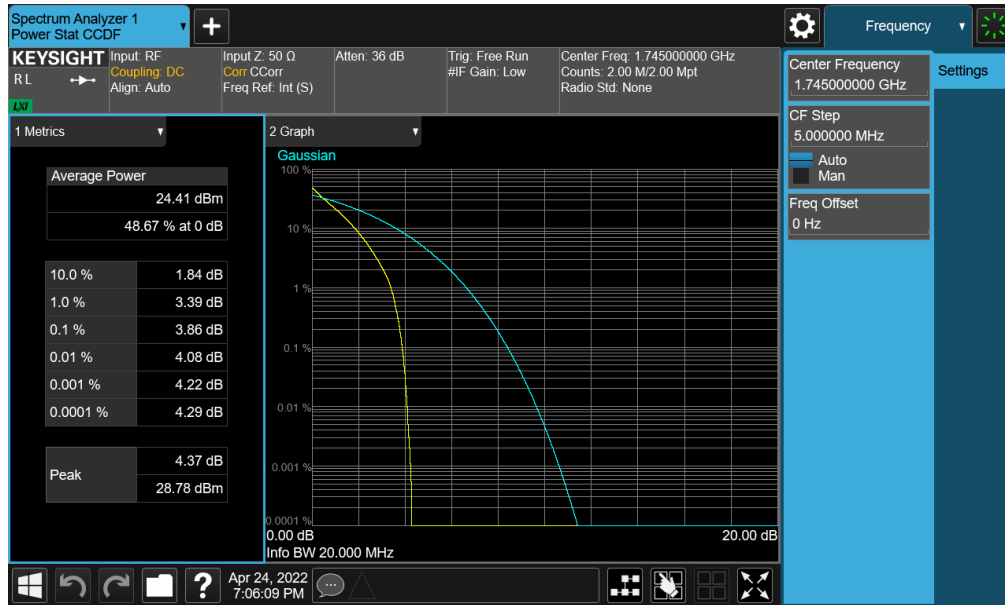


Plot 7-324. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM BPSK - Full RB)

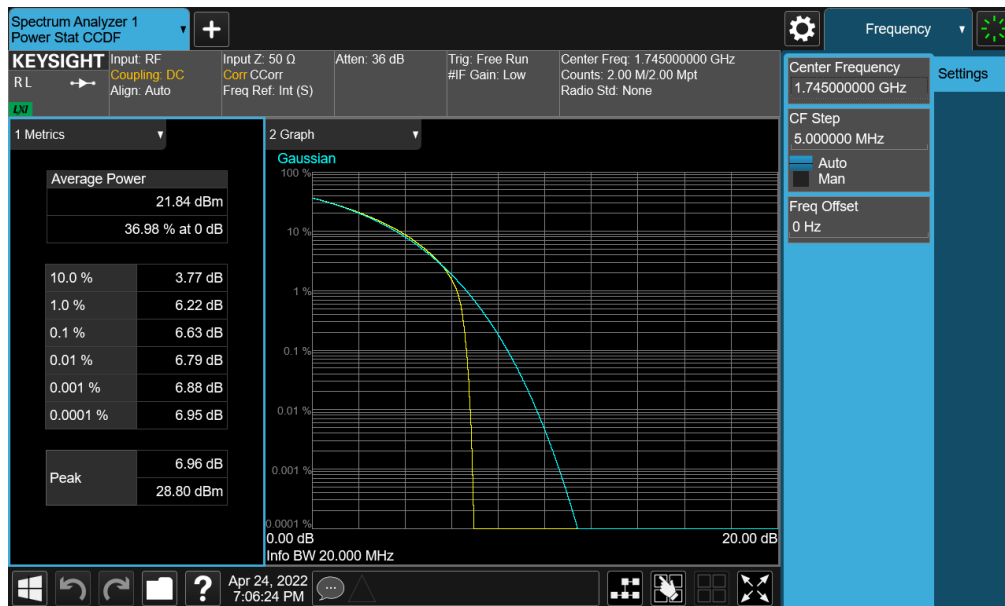
FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 189 of 275



FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 190 of 275



Plot 7-327. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM BPSK - Full RB)



Plot 7-328. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM QPSK - Full RB)

FCC ID: A3LSMF721U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204080051-04.A3L	Test Dates: 4/8/2022 - 6/23/2022	EUT Type: Portable Handset	Page 191 of 275