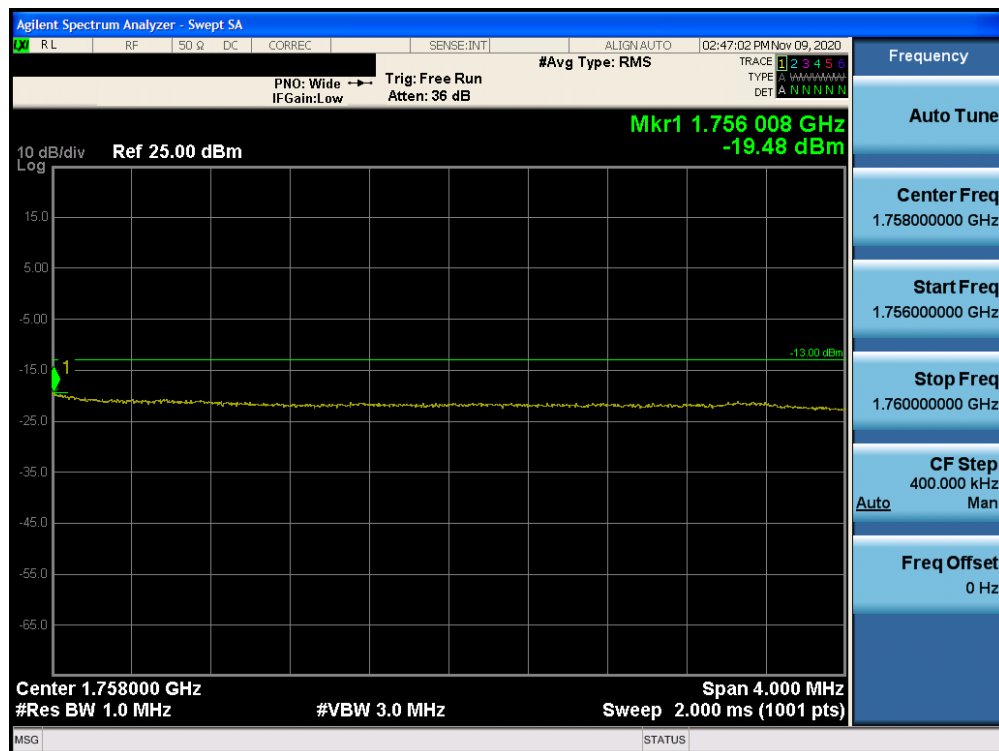


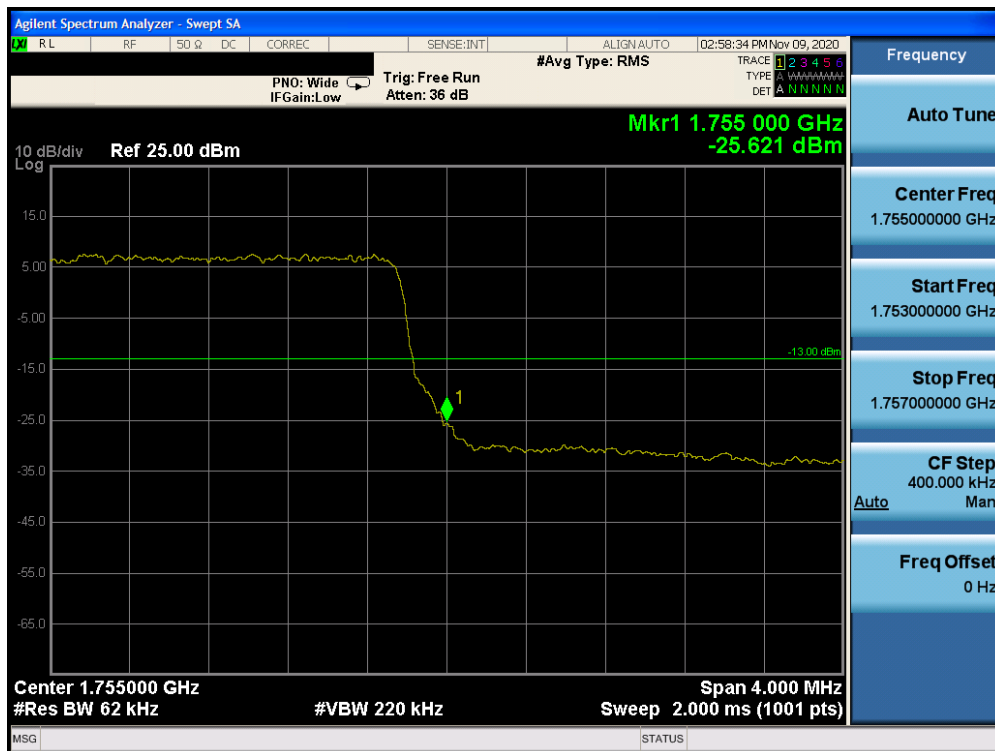
Plot 7-197. Upper Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)



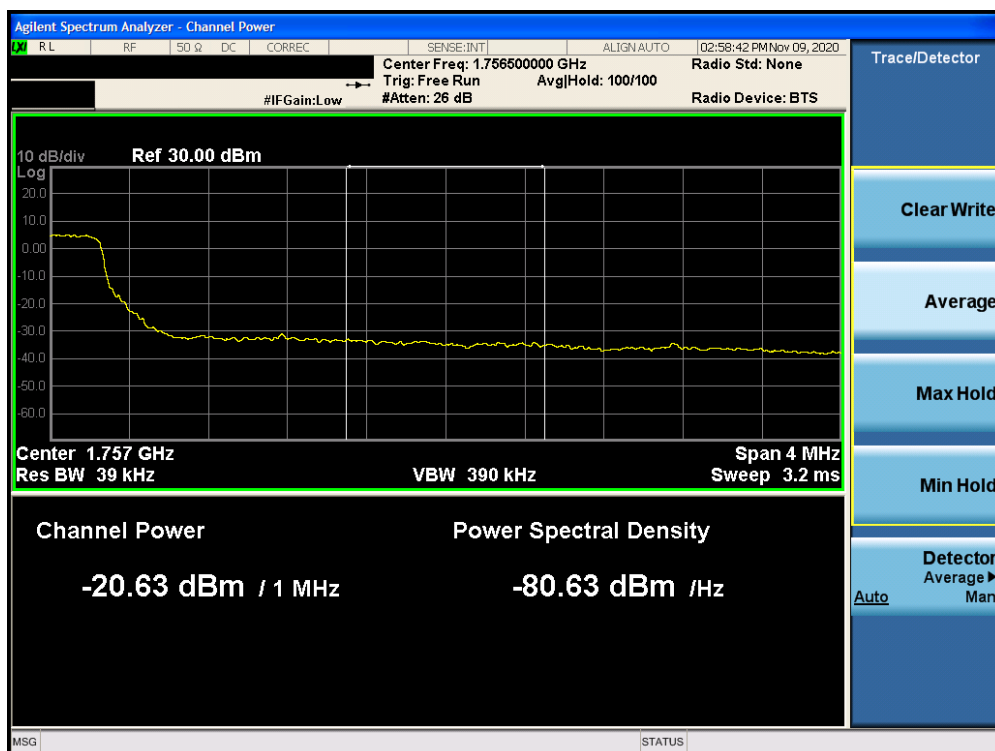
Plot 7-198. Upper Extended Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 123 of 267



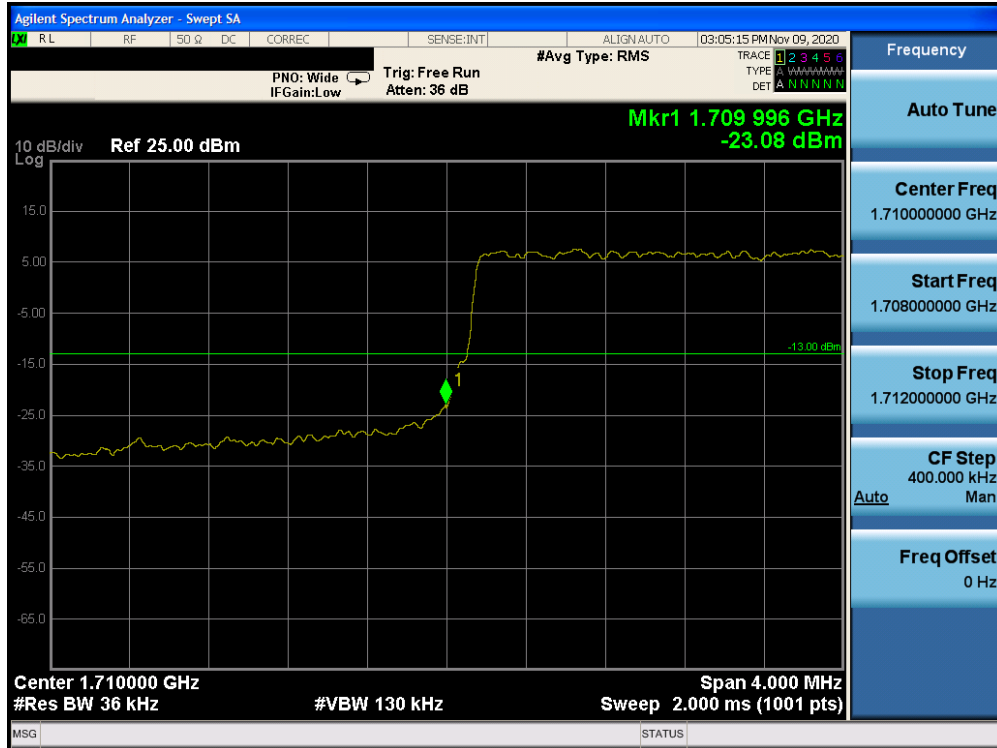


Plot 7-201. Upper Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

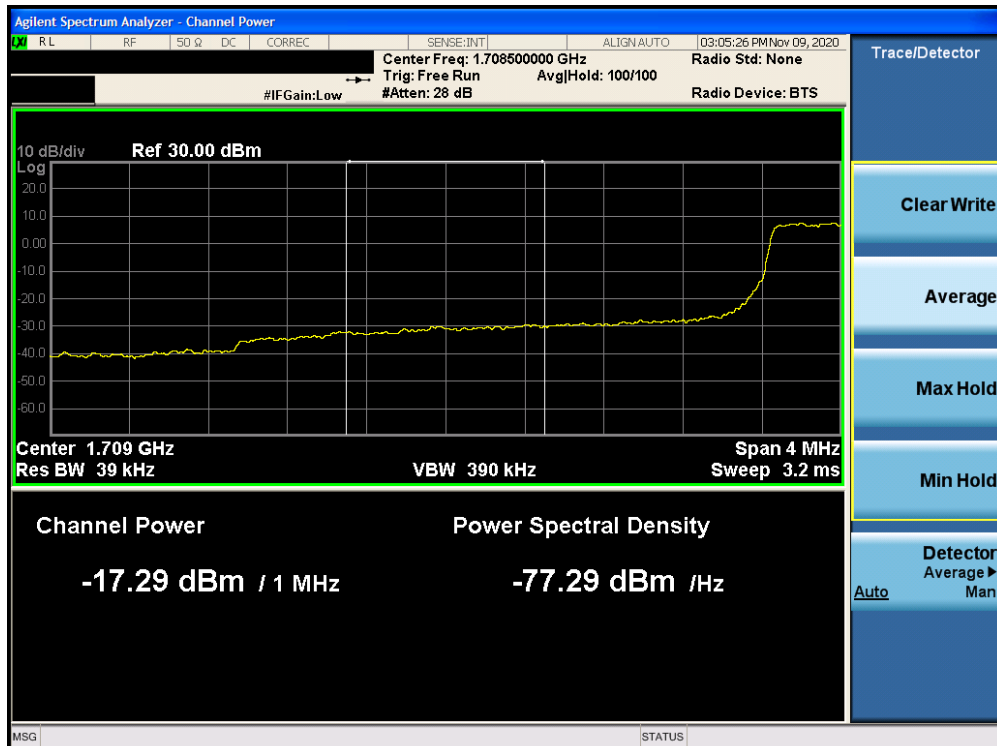


Plot 7-202. Upper Extended Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 125 of 267

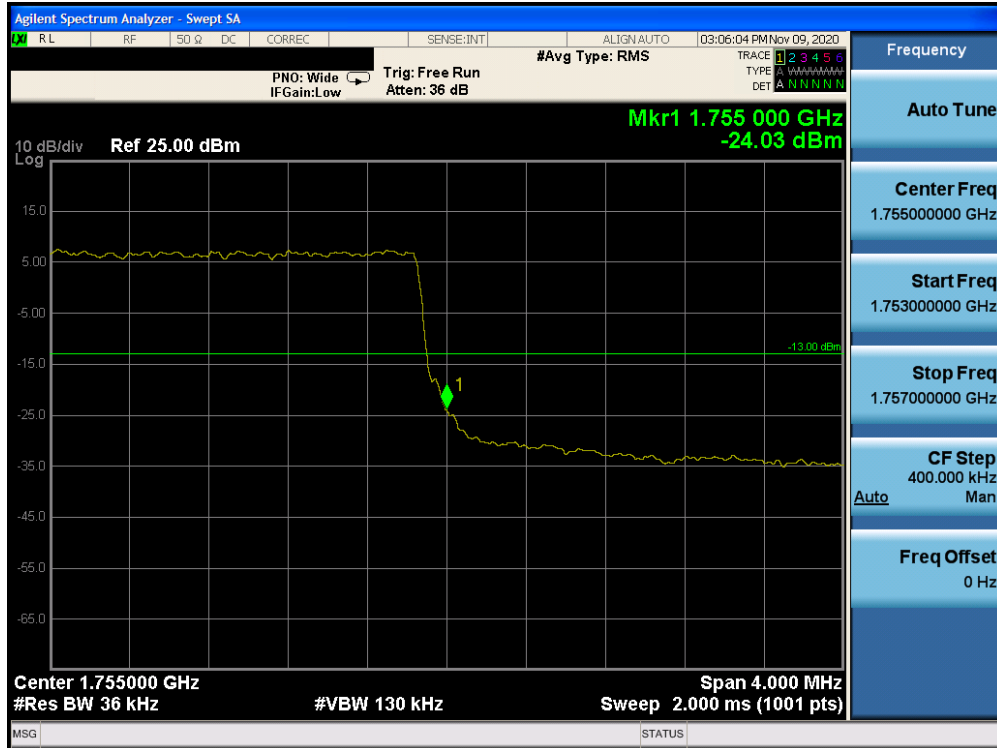


Plot 7-203. Lower Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

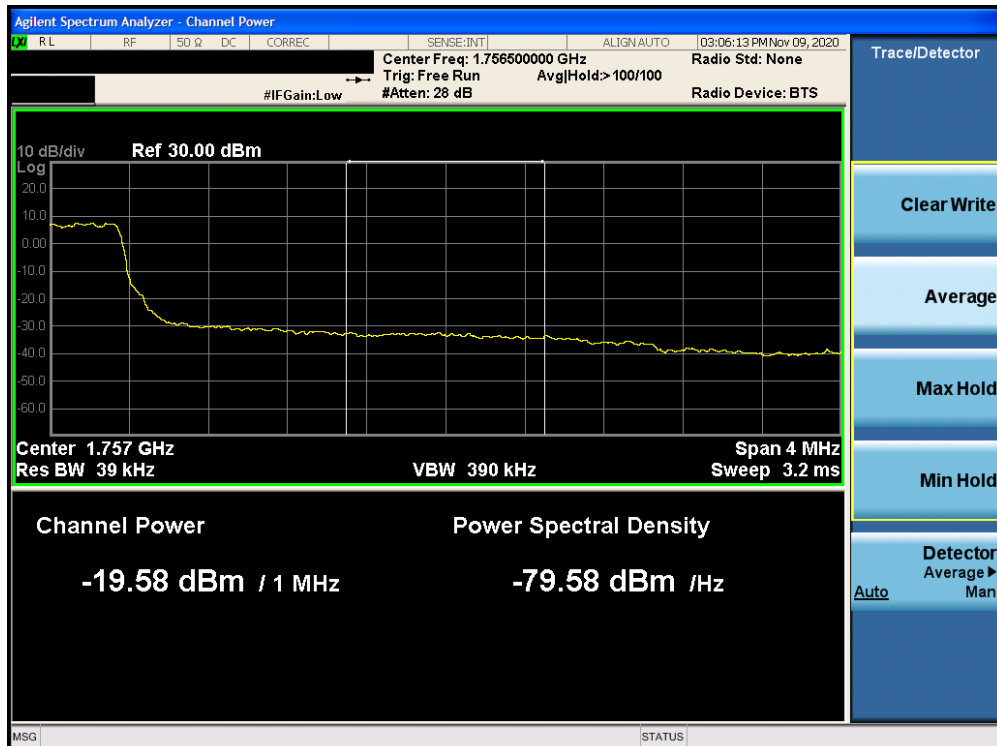


Plot 7-204. Lower Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 126 of 267

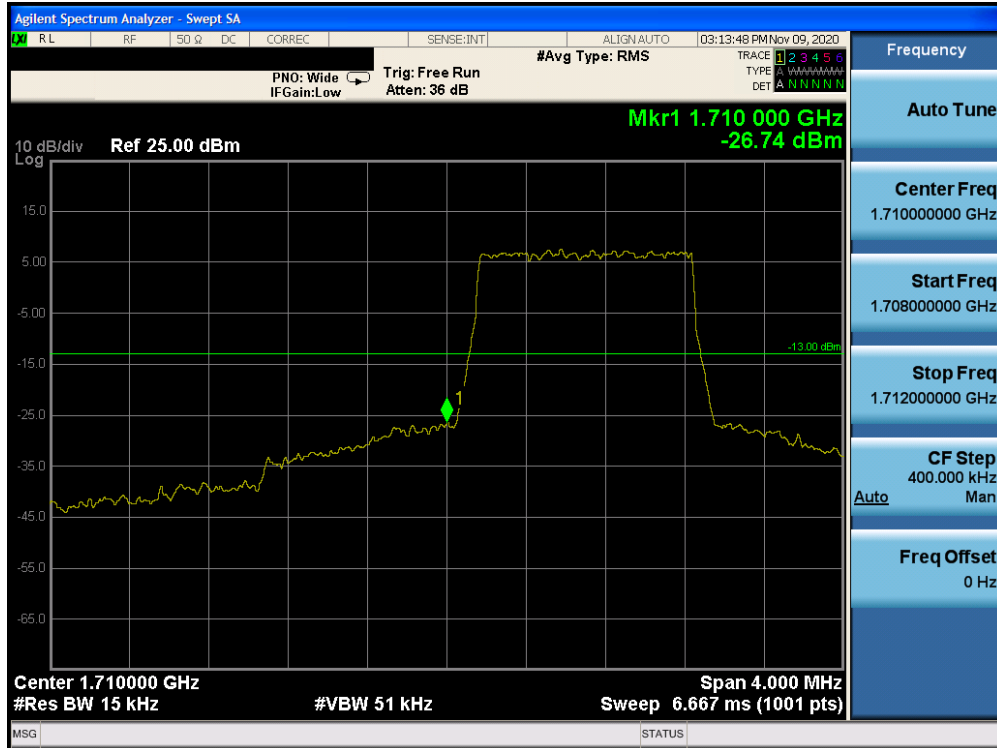


Plot 7-205. Upper Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

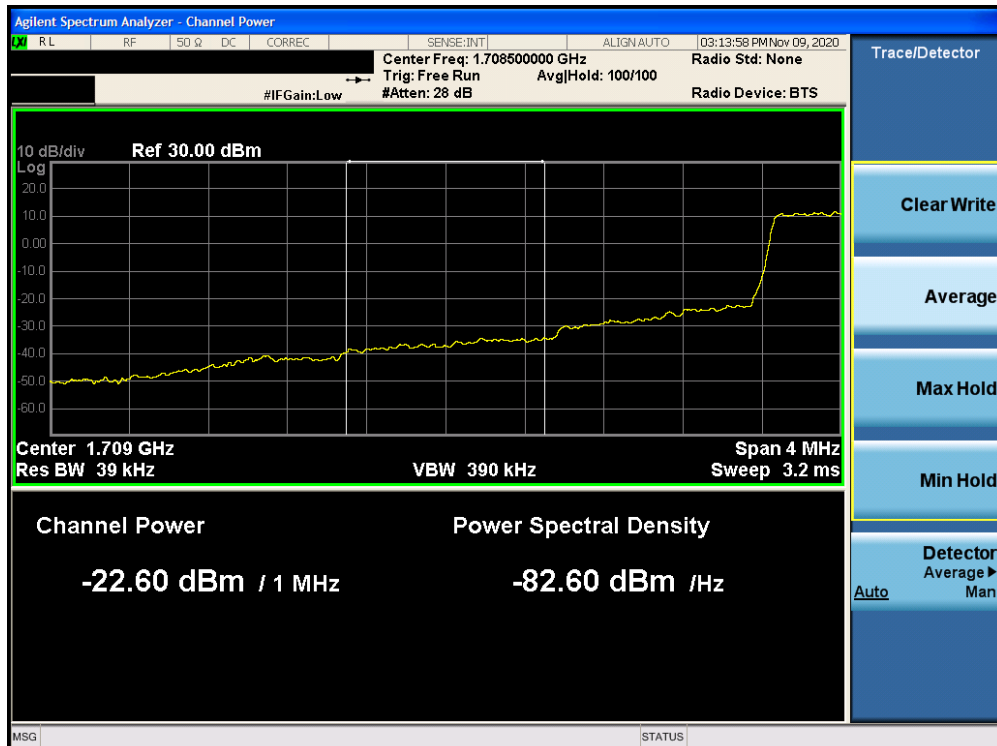


Plot 7-206. Upper Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 127 of 267



Plot 7-207. Lower Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

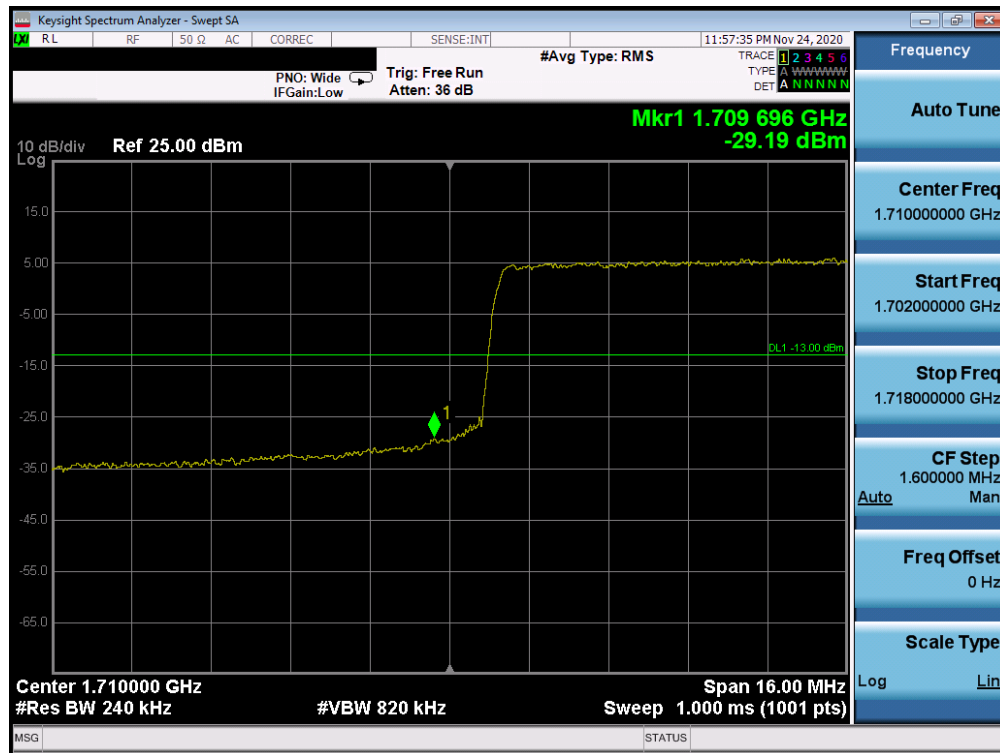


Plot 7-208. Lower Extended Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 128 of 267



## Band 66



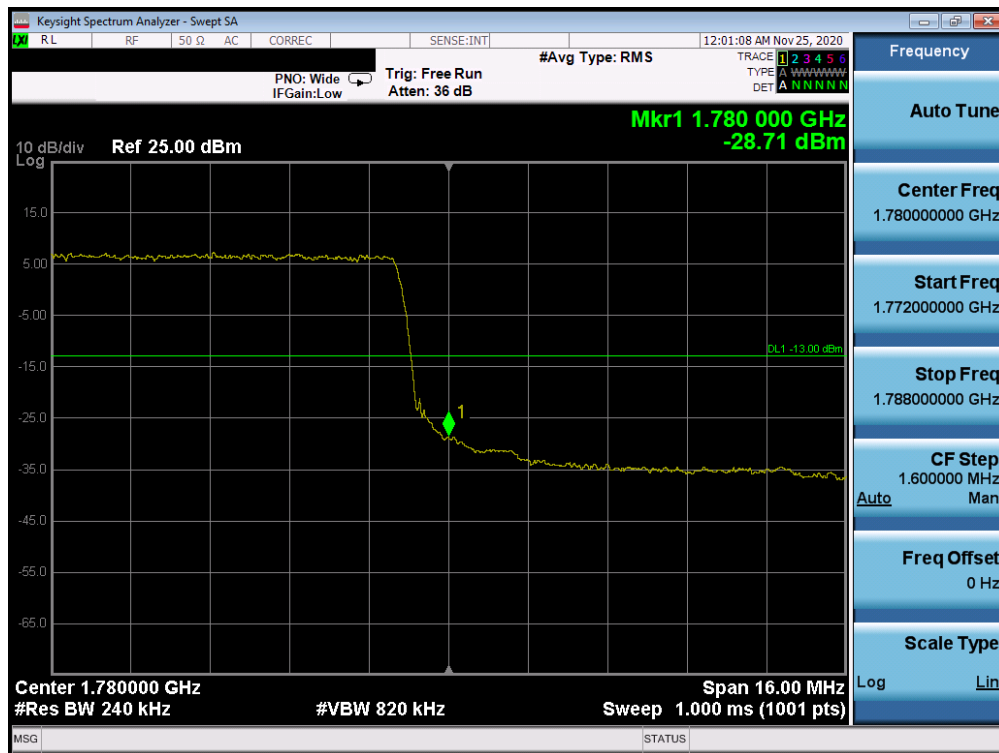
Plot 7-211. Lower Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)



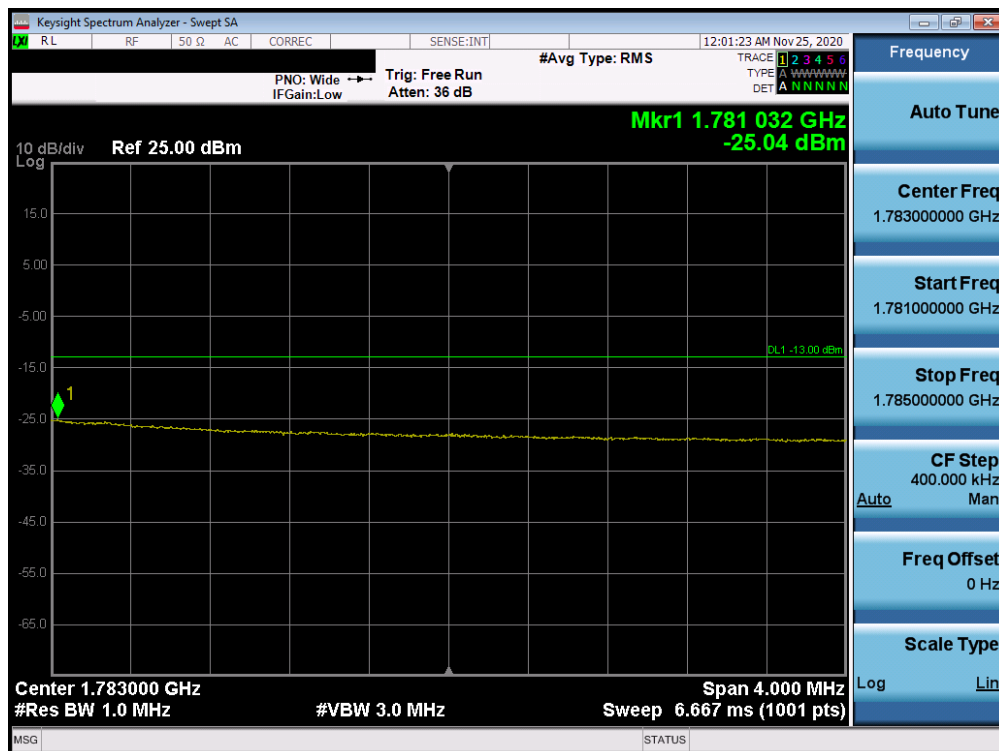
Plot 7-212. Lower Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 130 of 267



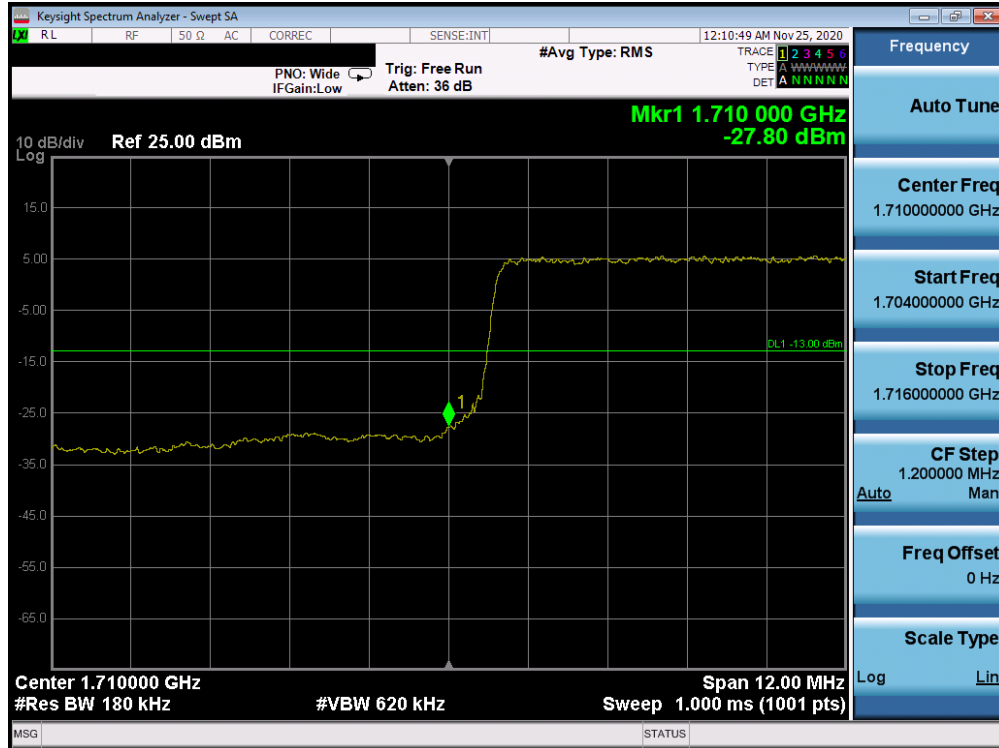


Plot 7-213. Upper Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

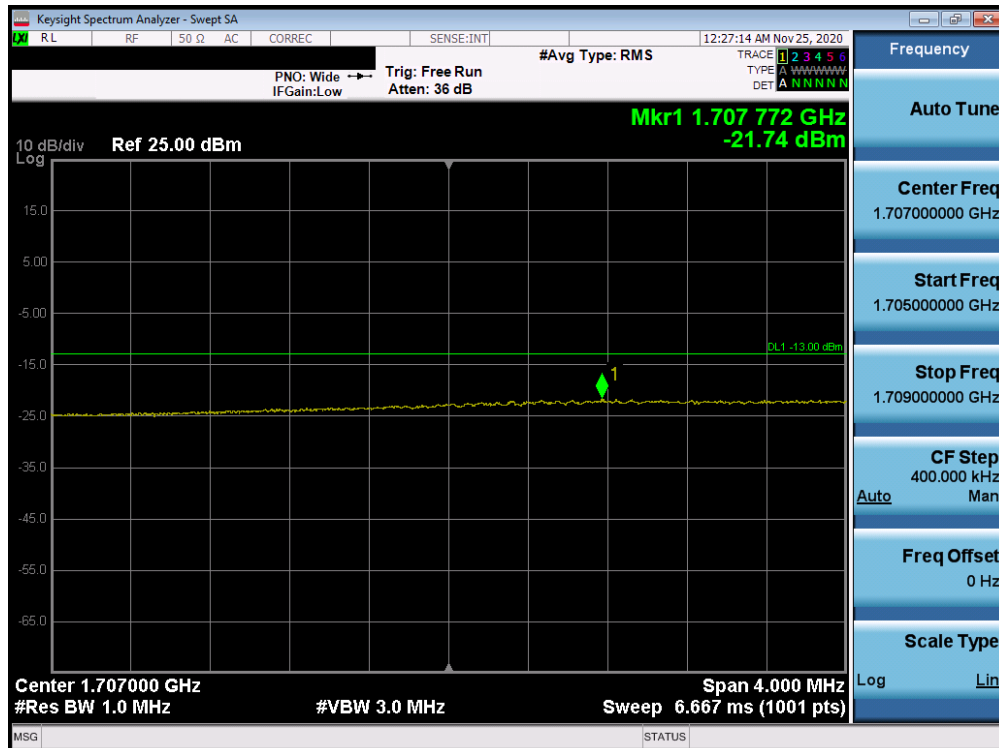


Plot 7-214. Upper Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)


FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 131 of 267



Plot 7-215. Lower Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

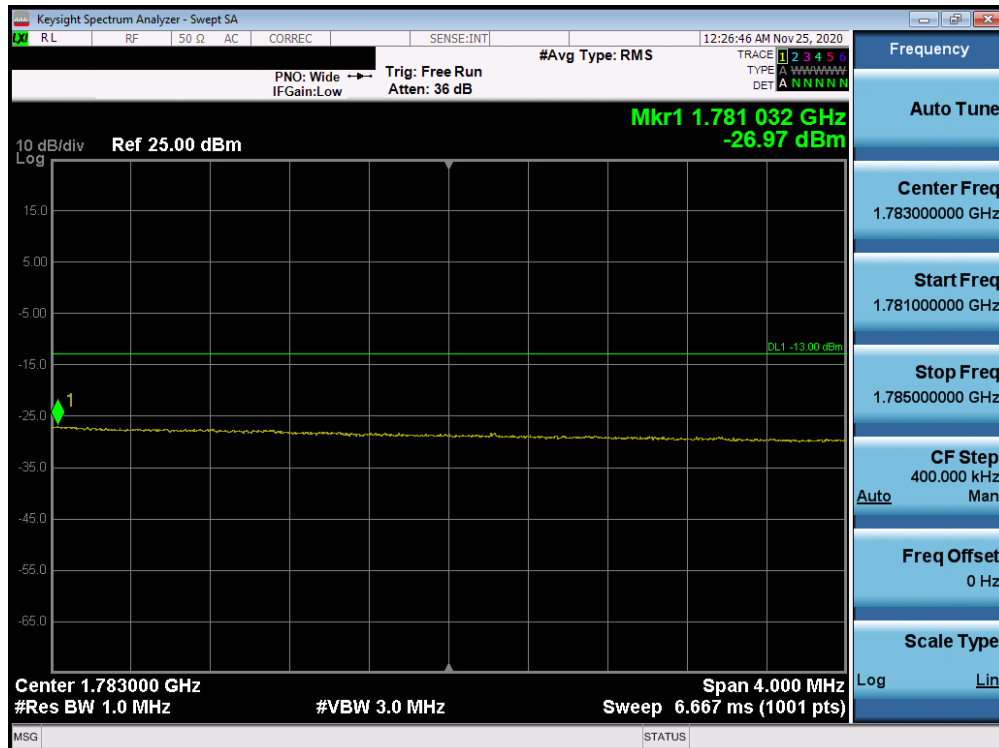


Plot 7-216. Lower Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 132 of 267

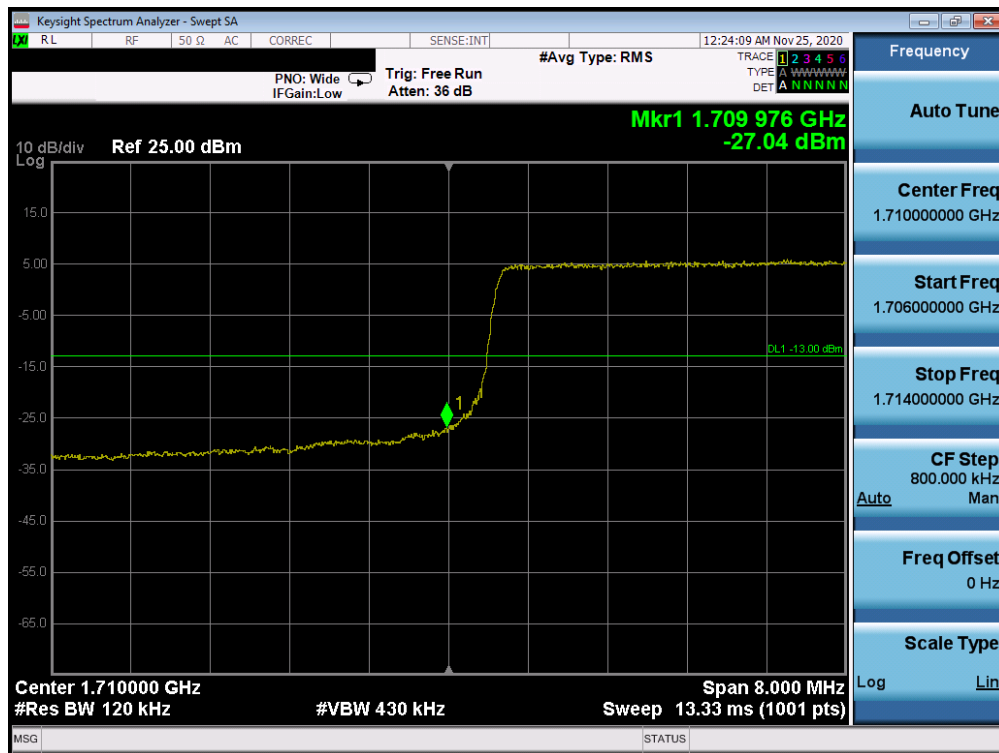


Plot 7-217. Upper Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

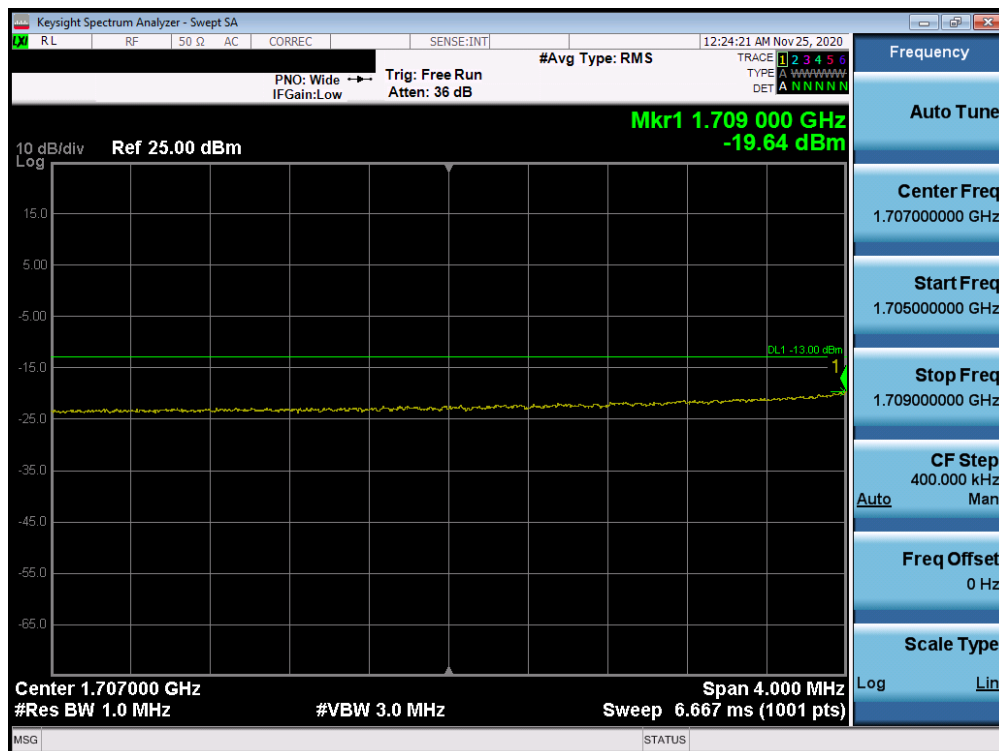


Plot 7-218. Upper Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 133 of 267

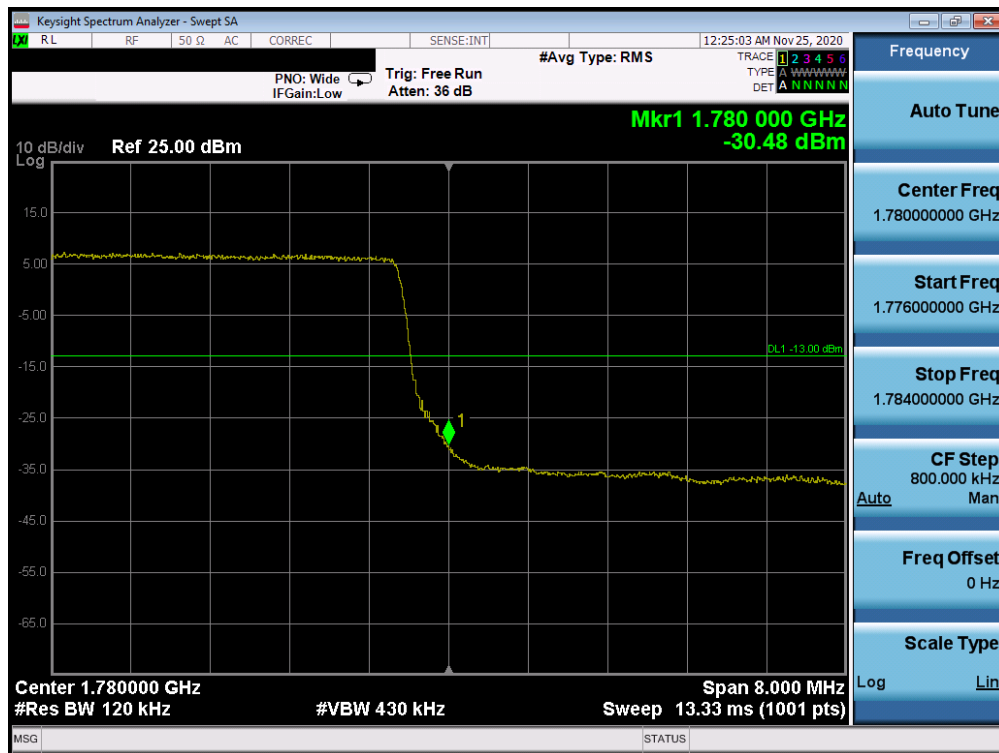


Plot 7-219. Lower Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

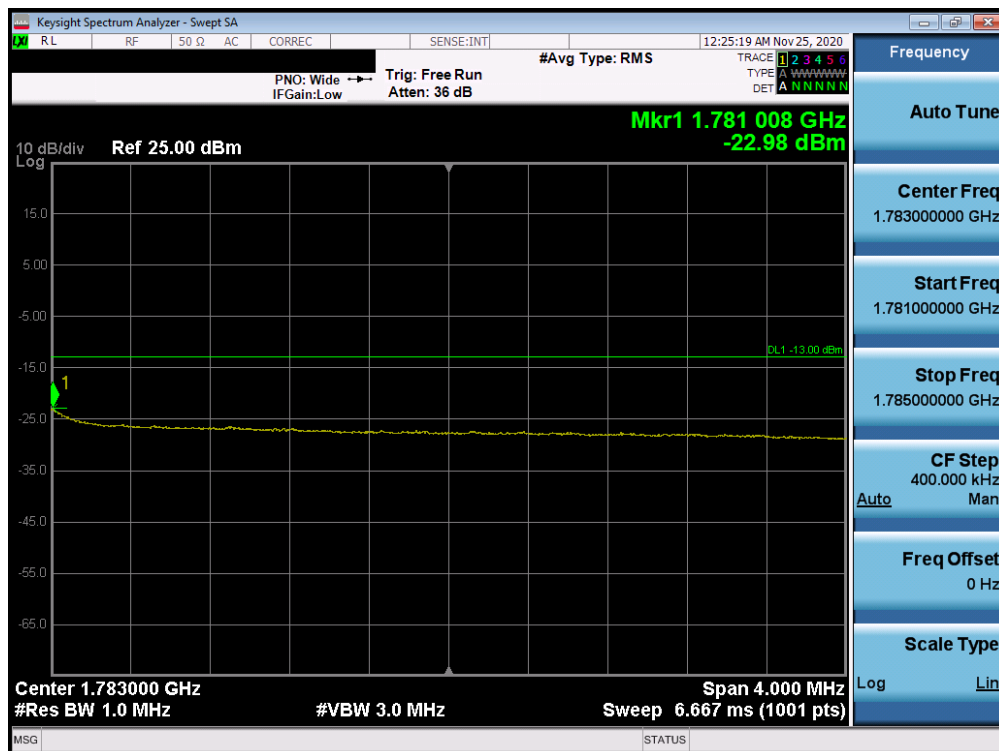


Plot 7-220. Lower Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 134 of 267

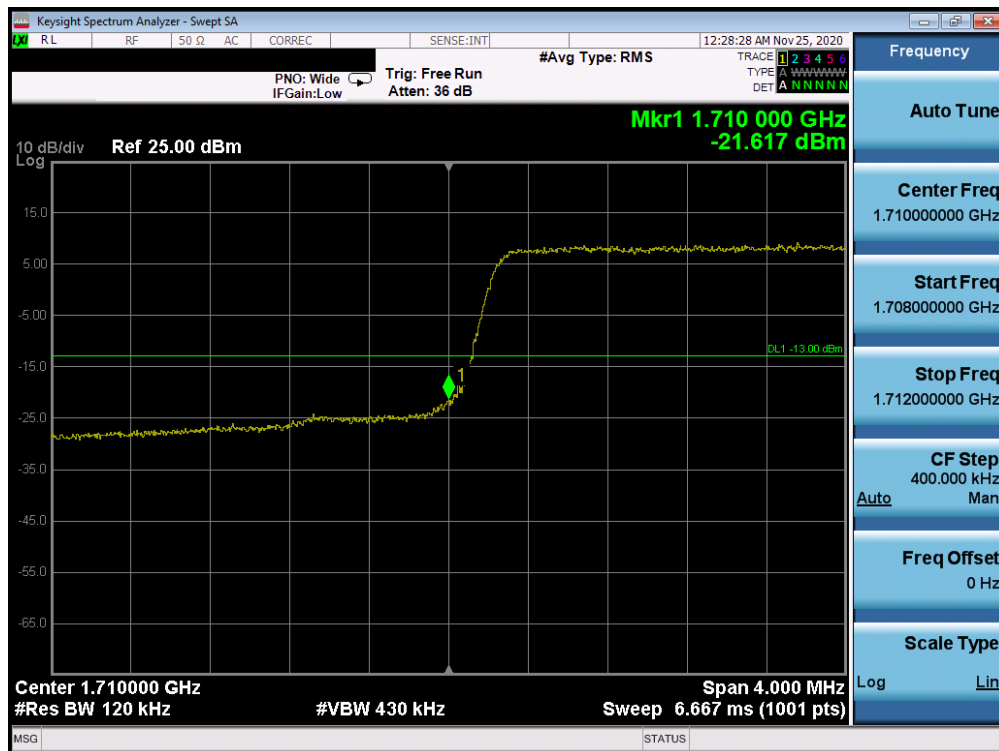


Plot 7-221. Upper Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

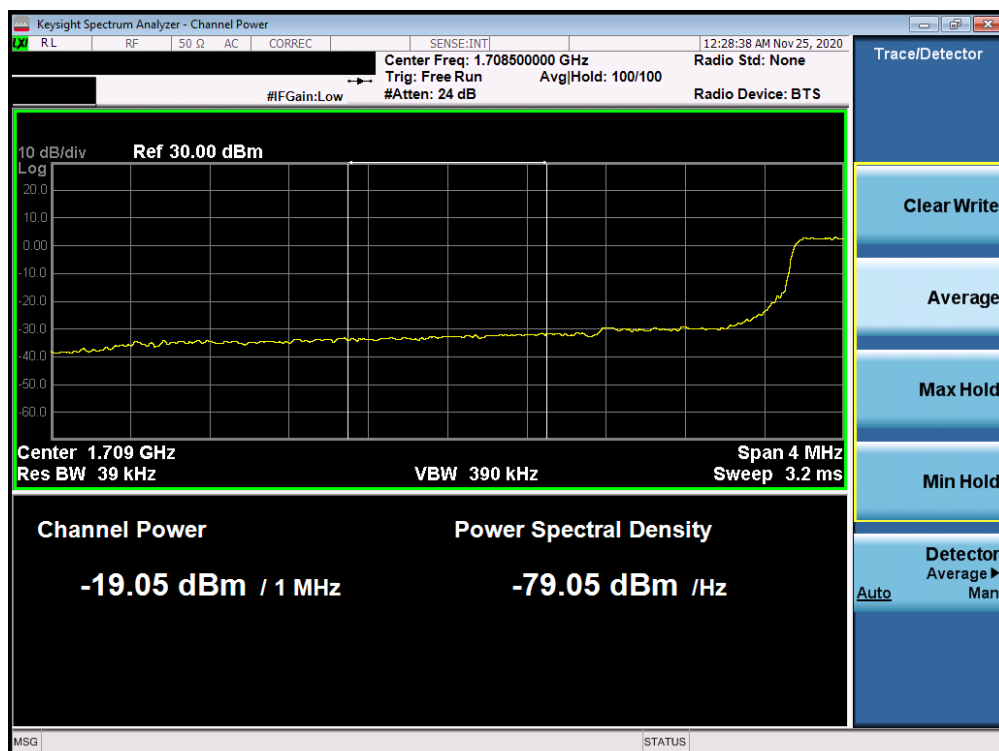


Plot 7-222. Upper Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 135 of 267



Plot 7-223. Lower Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

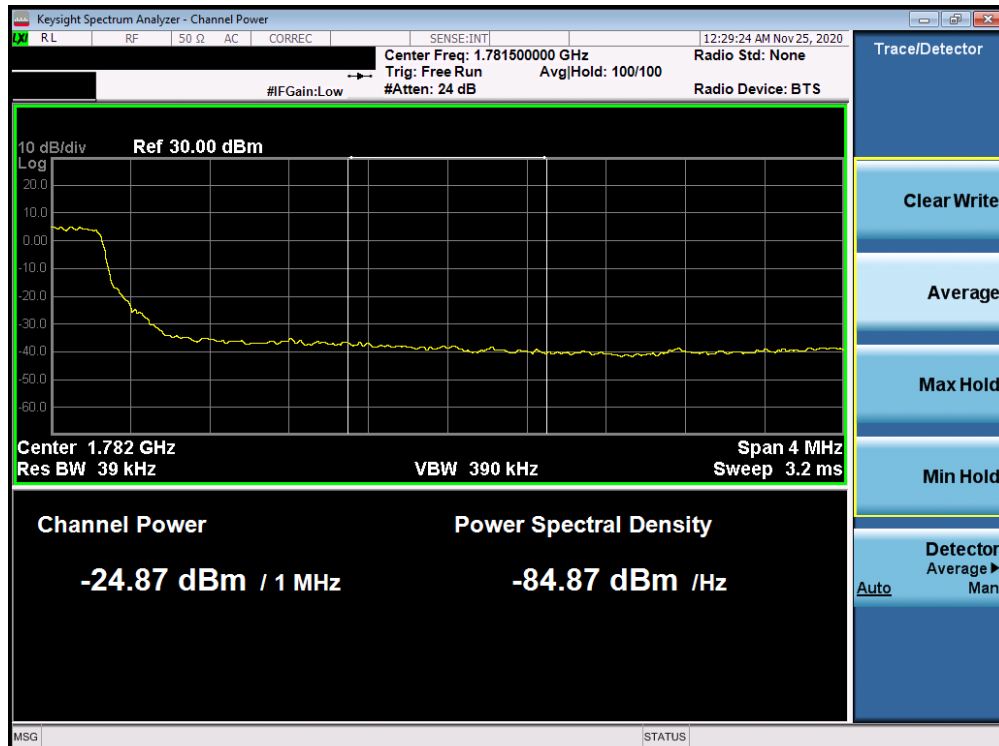


Plot 7-224. Lower Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 136 of 267

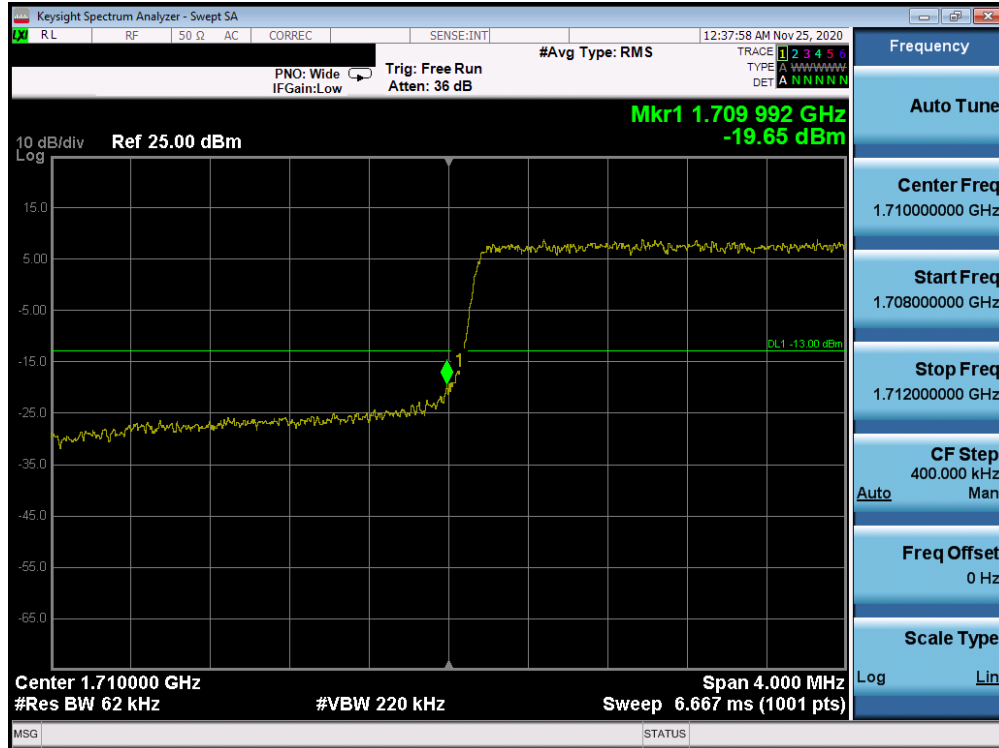


Plot 7-225. Upper Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

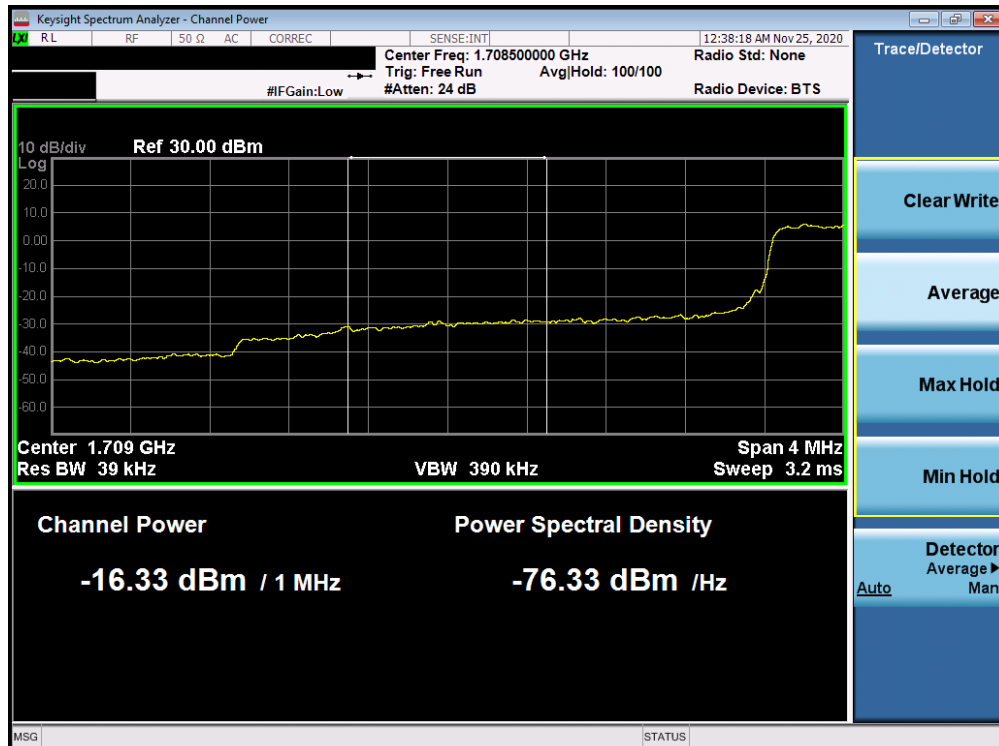


Plot 7-226. Upper Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 137 of 267



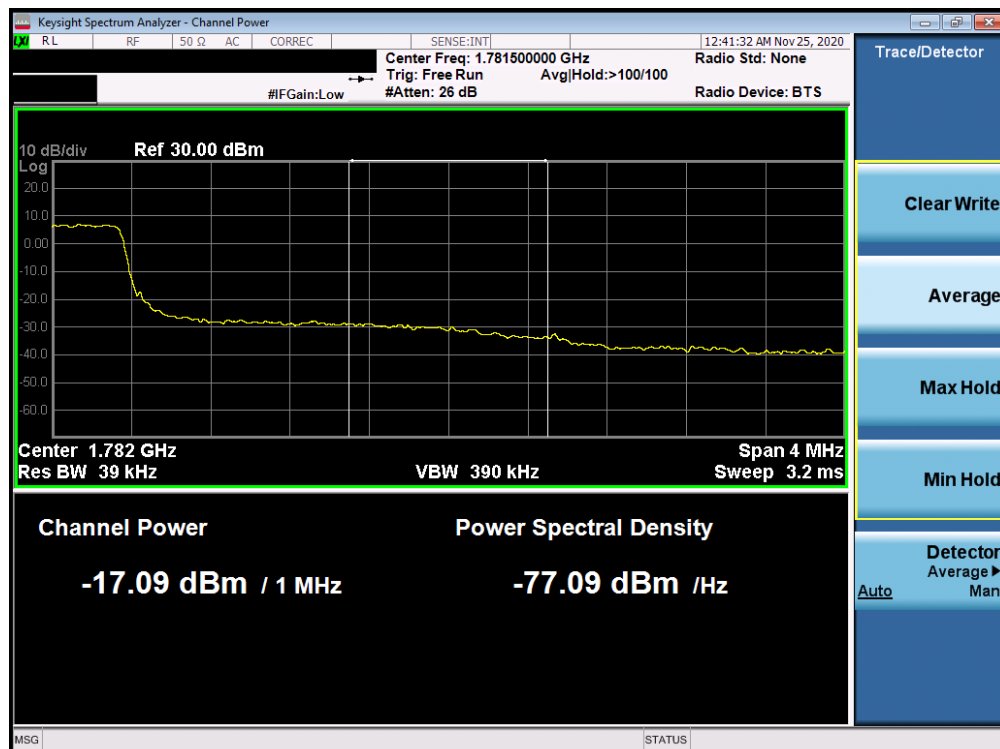
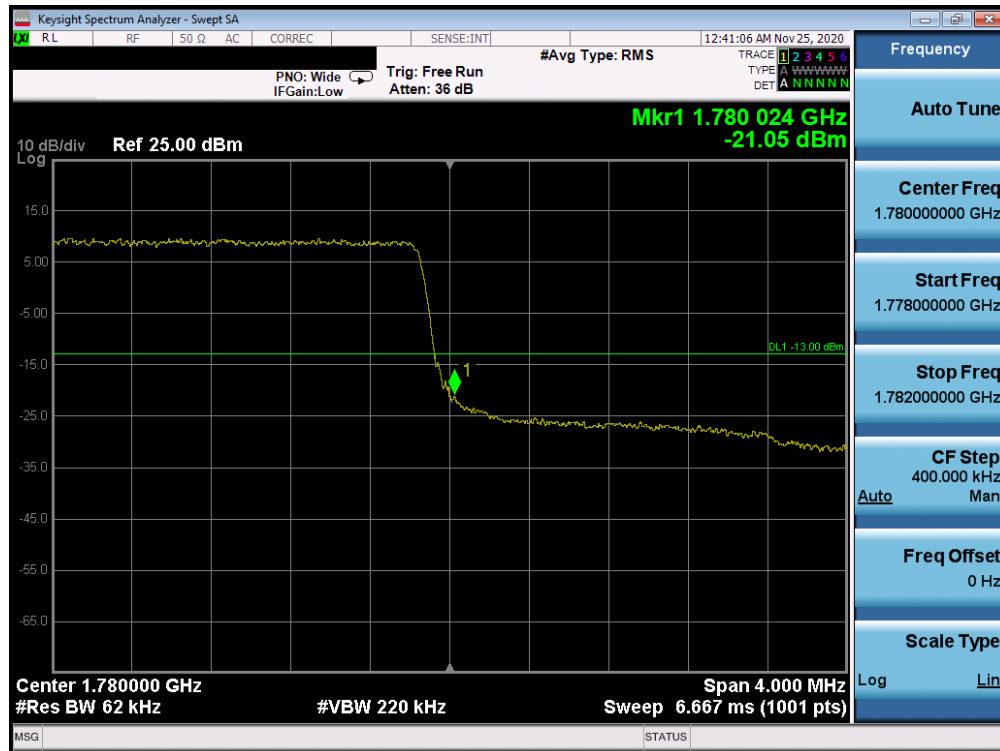
Plot 7-227. Lower Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)



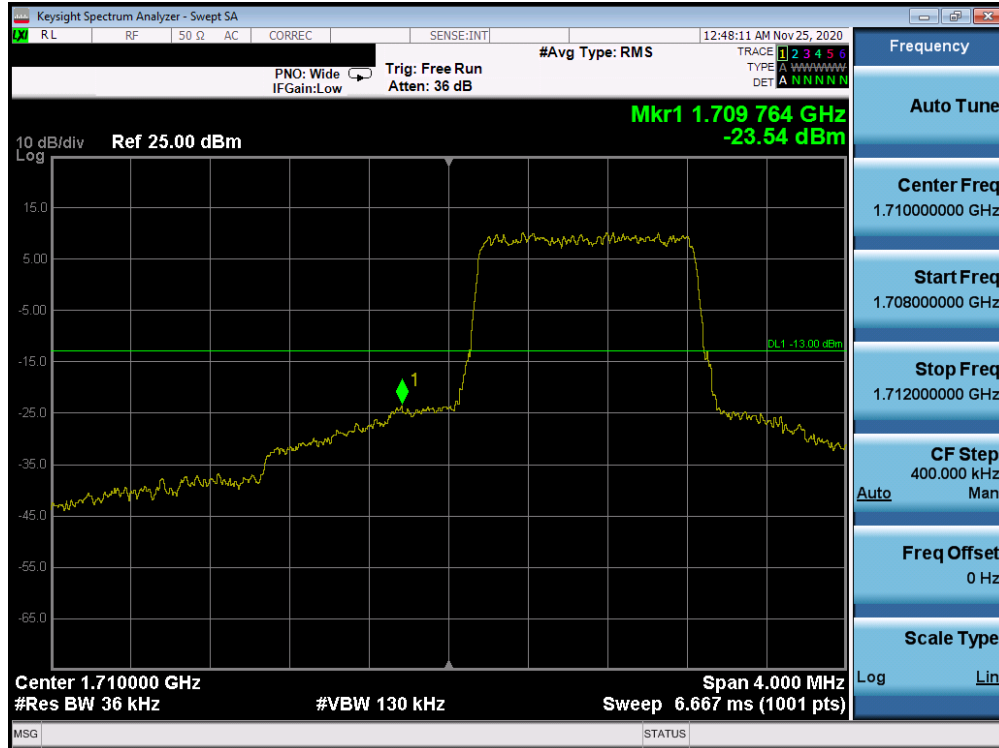
Plot 7-228. Lower Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 138 of 267

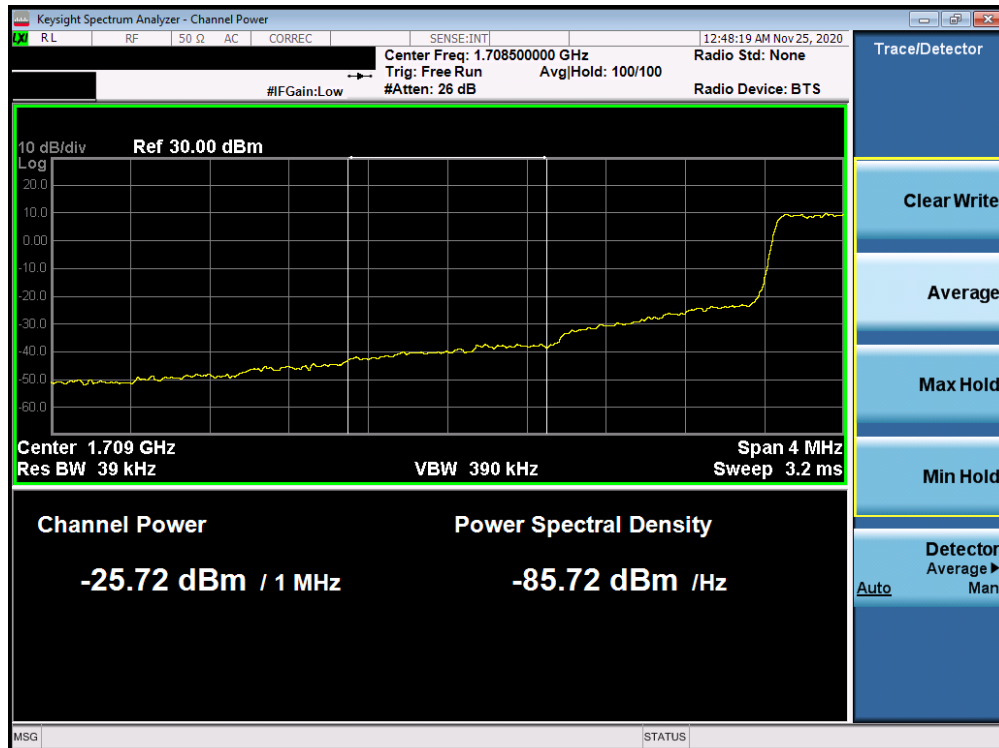




FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 139 of 267



Plot 7-231. Lower Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

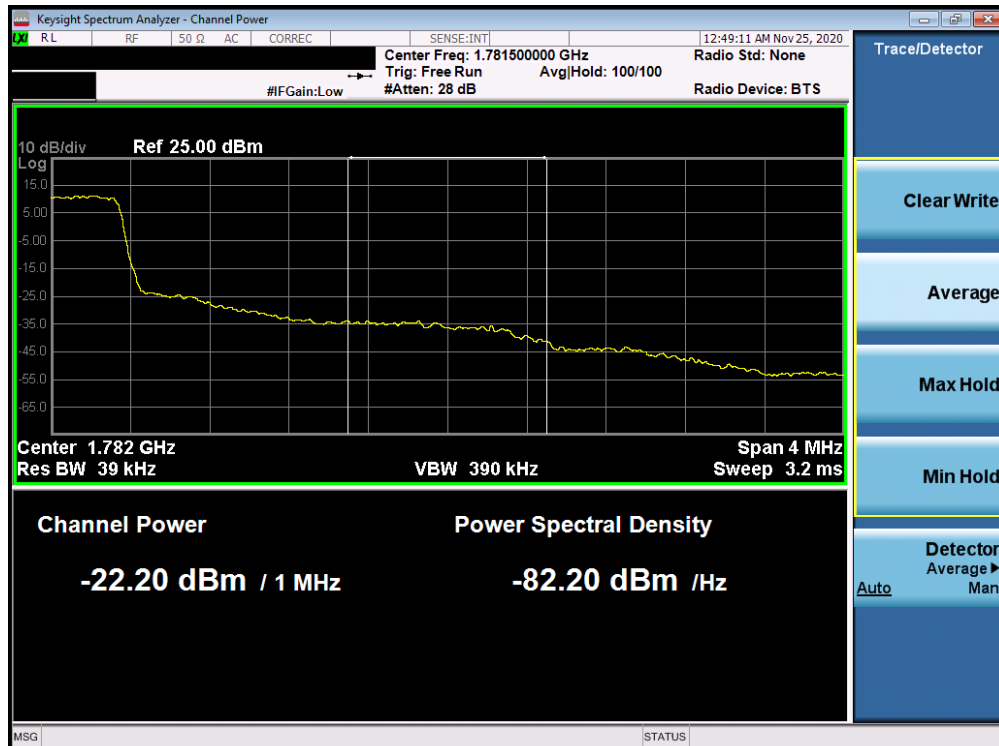


Plot 7-232. Lower Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 140 of 267



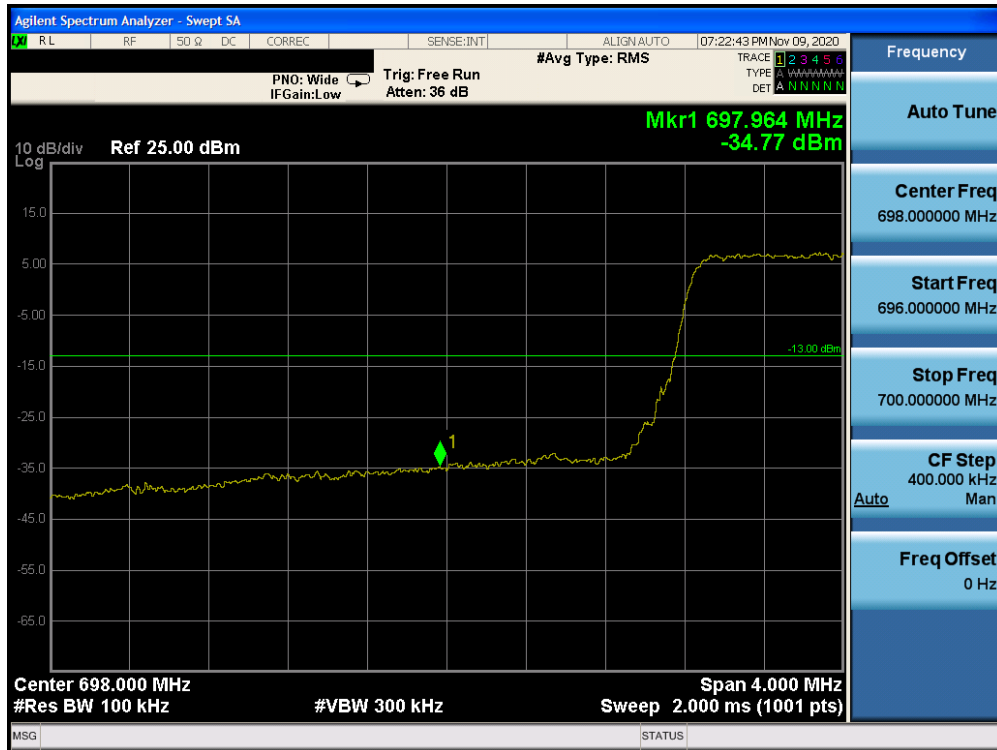
Plot 7-233. Upper Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)



Plot 7-234. Upper Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 141 of 267

Version 1.2. 11/02/2020

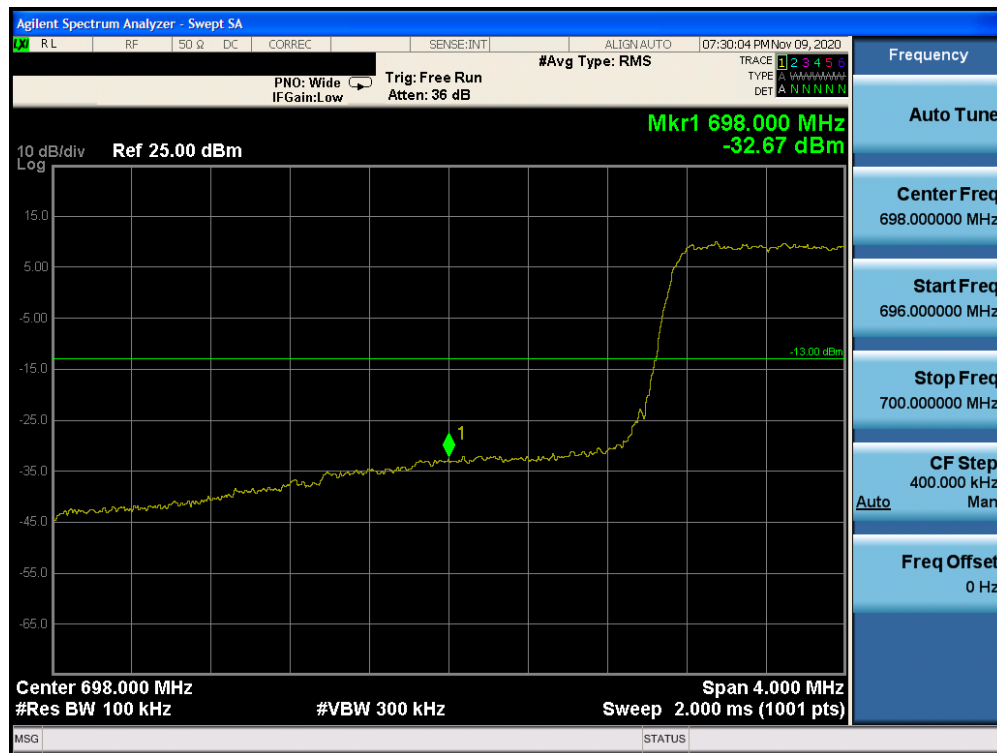


Plot 7-237. Lower Band Edge Plot (Band 12 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-238. Upper Band Edge Plot (Band 12 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 143 of 267

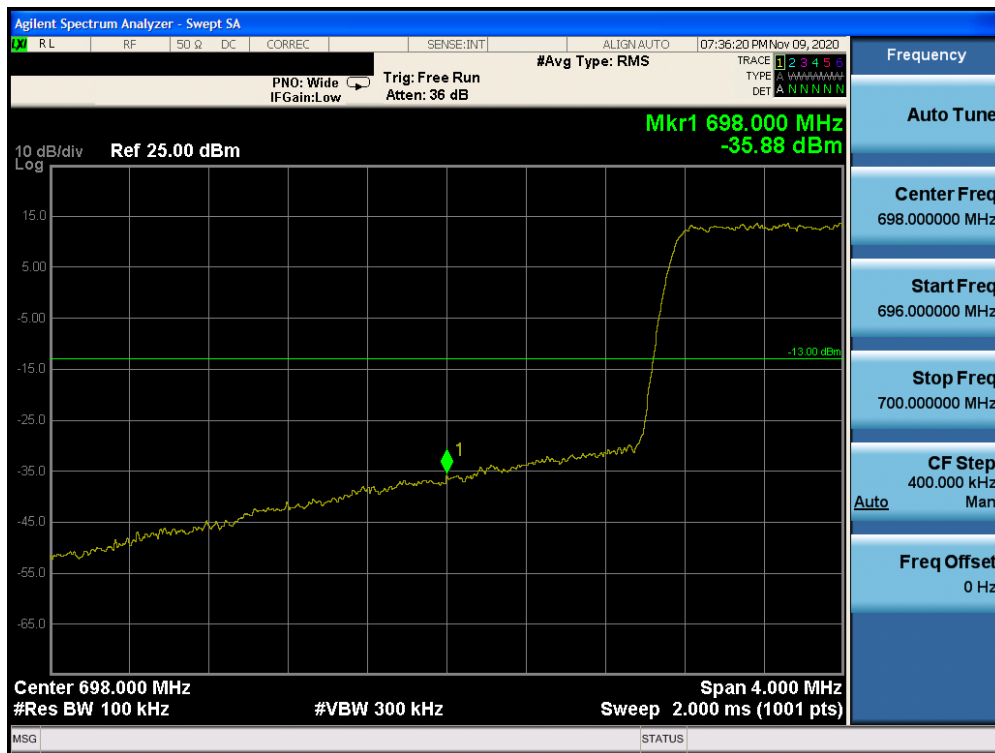


Plot 7-239. Lower Band Edge Plot (Band 12 - 3.0MHz QPSK - Full RB Configuration)

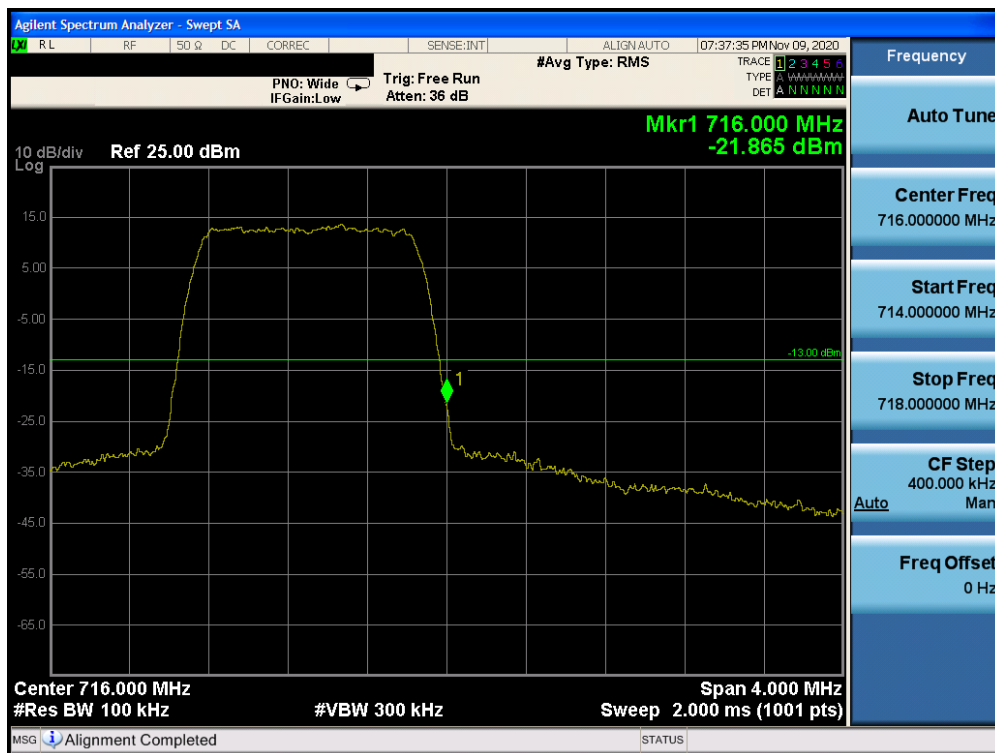


Plot 7-240. Upper Band Edge Plot (Band 12 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 144 of 267



Plot 7-241. Lower Band Edge Plot (Band 12 - 1.4MHz QPSK - Full RB Configuration)

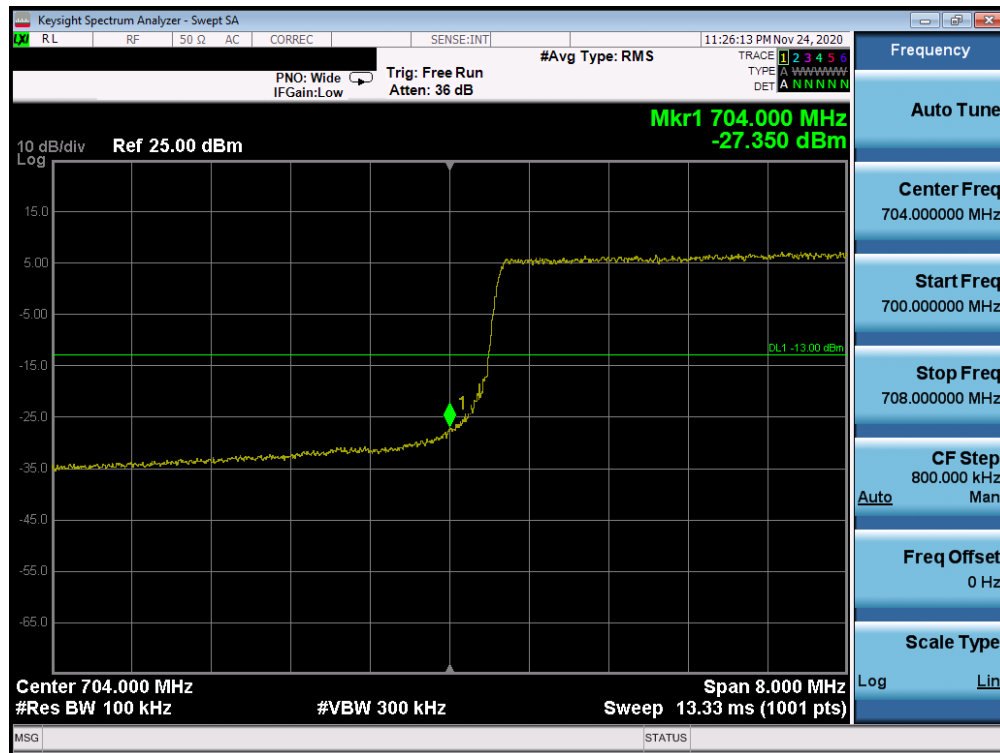


Plot 7-242. Upper Band Edge Plot (Band 12 - 1.4MHz QPSK - Full RB Configuration)

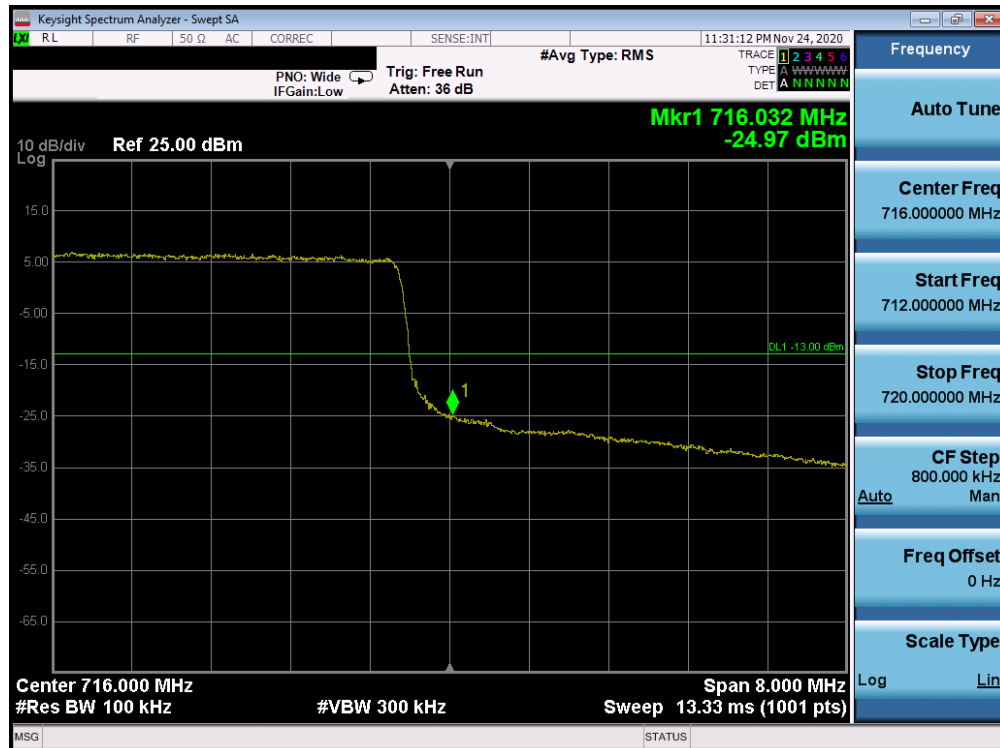
FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 145 of 267



## Band 17



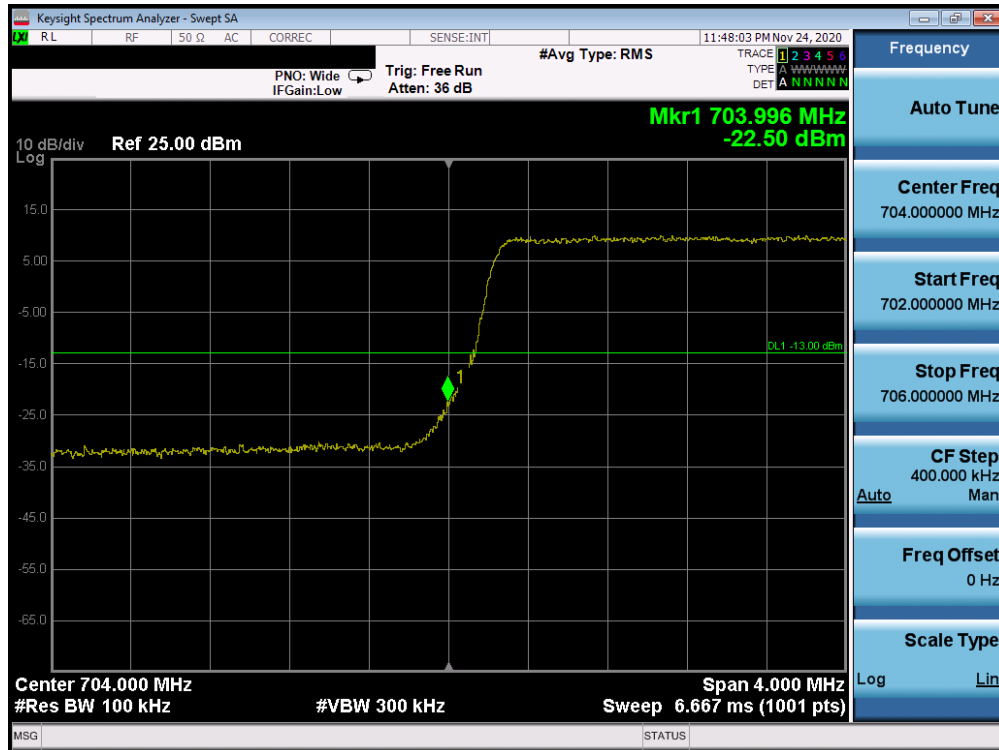
Plot 7-243. Lower Band Edge Plot (Band 17 - 10.0MHz QPSK - Full RB Configuration)



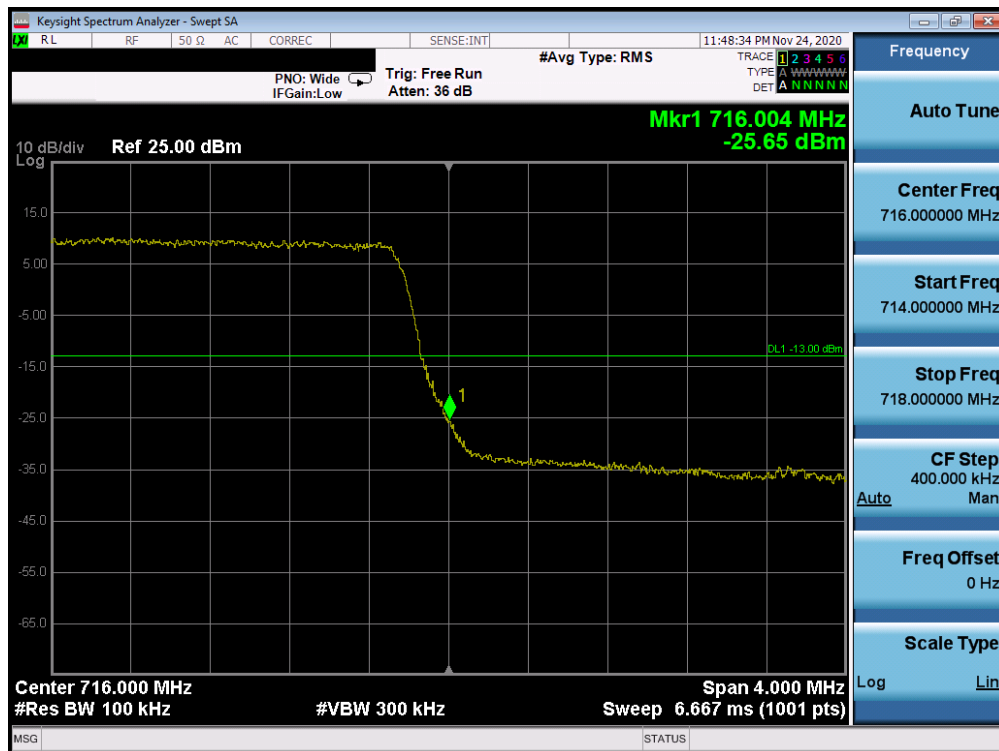
Plot 7-244. Upper Band Edge Plot (Band 17 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 146 of 267





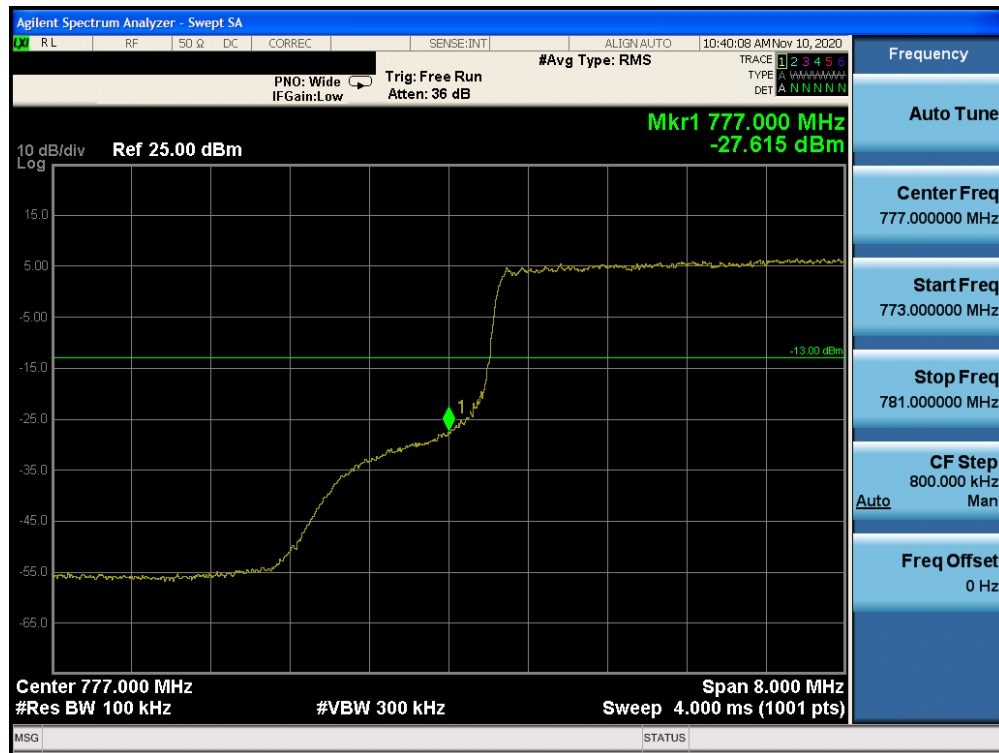
Plot 7-245. Lower Band Edge Plot (Band 17 - 5.0MHz QPSK - Full RB Configuration)



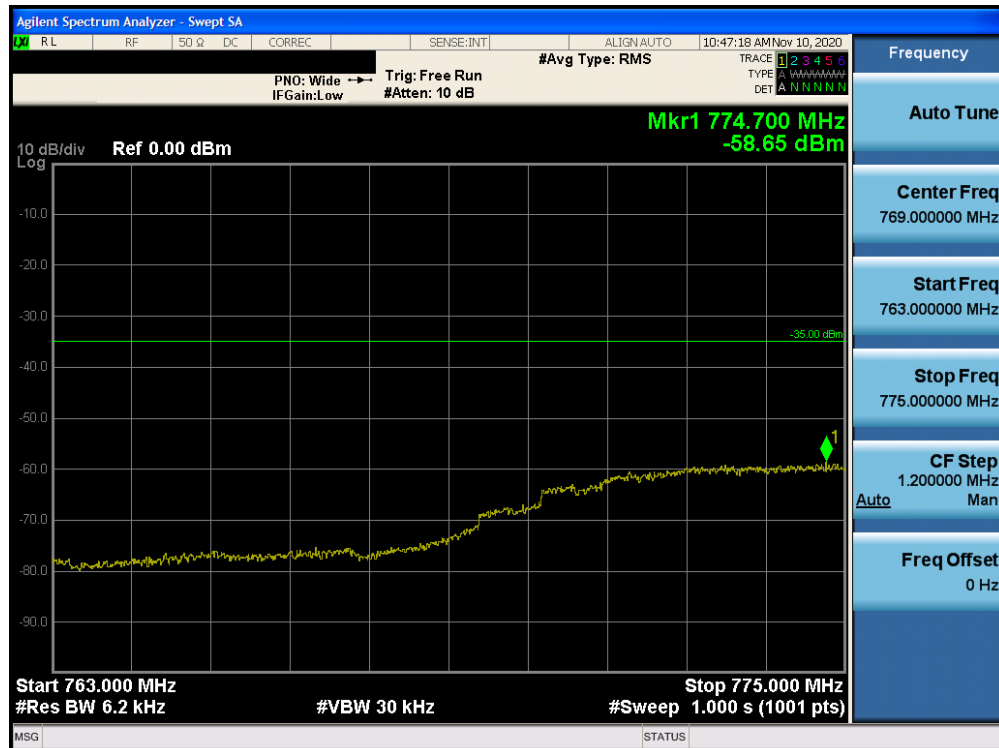
Plot 7-246. Upper Band Edge Plot (Band 17 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 147 of 267

## Band 13

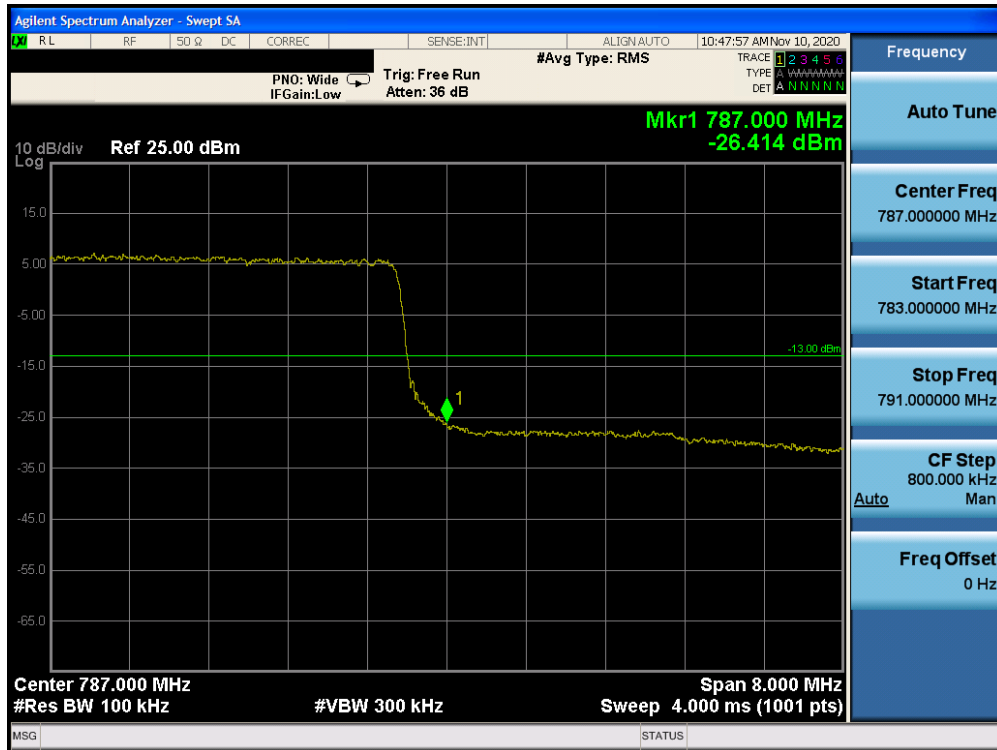


Plot 7-247. Lower Band Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-248. Lower Emission Mask Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 148 of 267

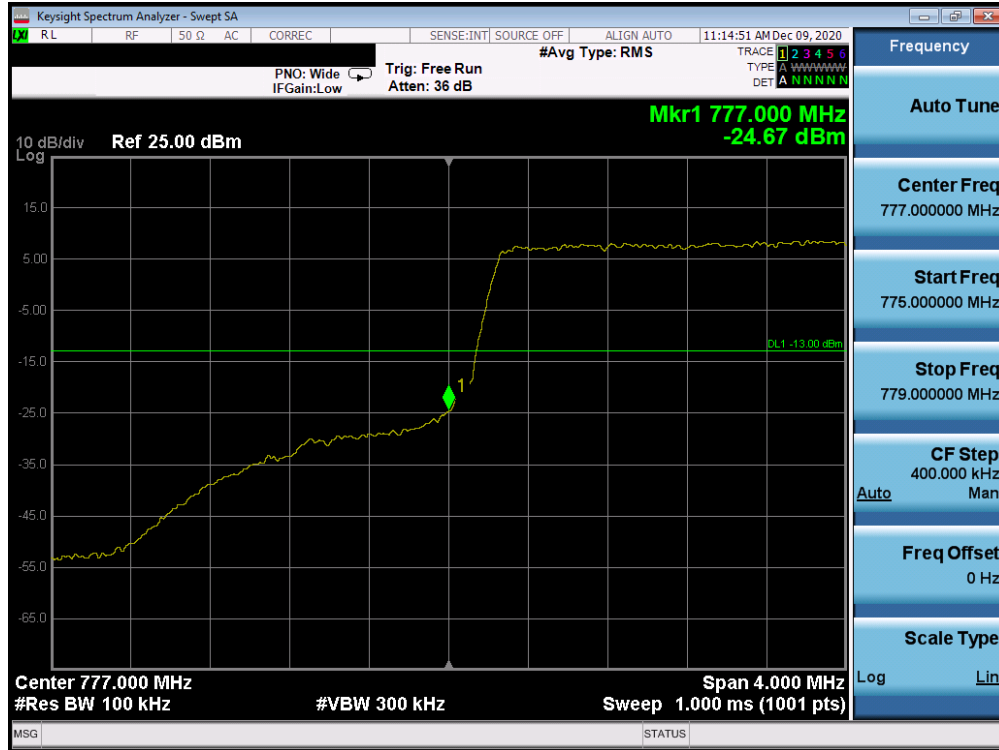


Plot 7-249. Upper Band Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)

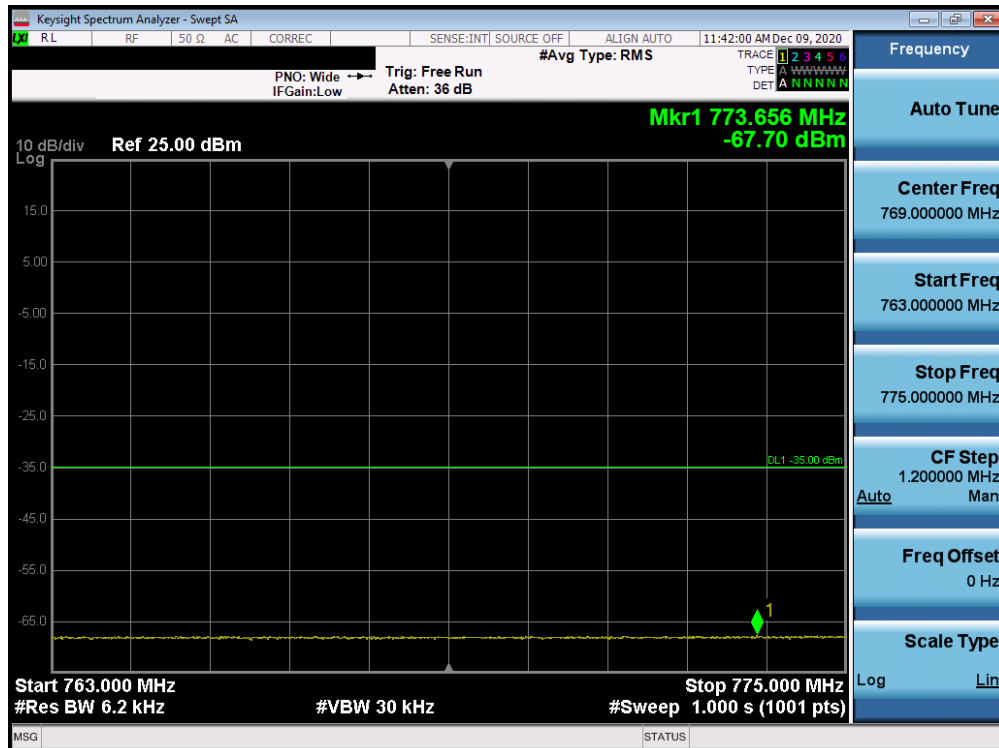


Plot 7-250. Higher Emission Mask Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 149 of 267

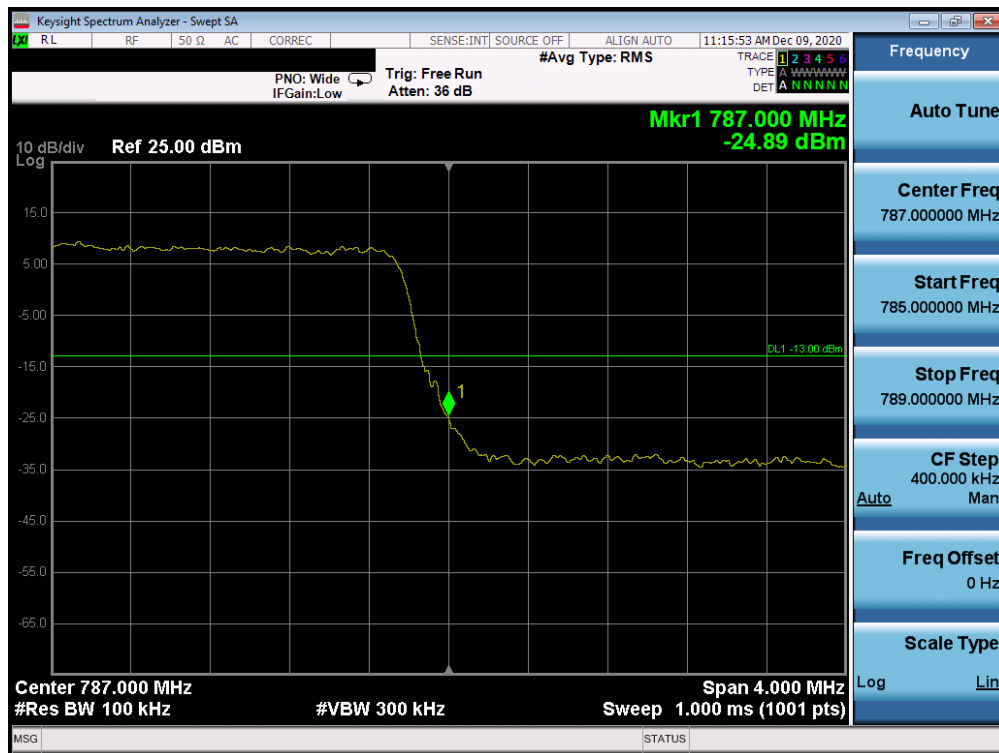


Plot 7-251. Lower Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

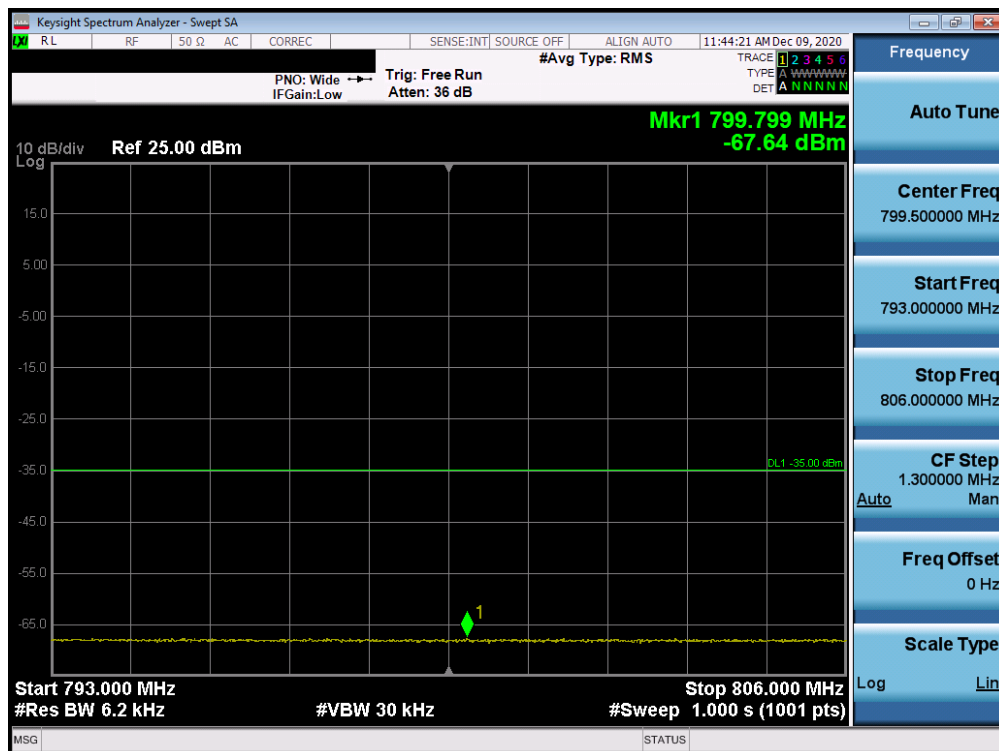


Plot 7-252. Lower Emission Mask Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 150 of 267



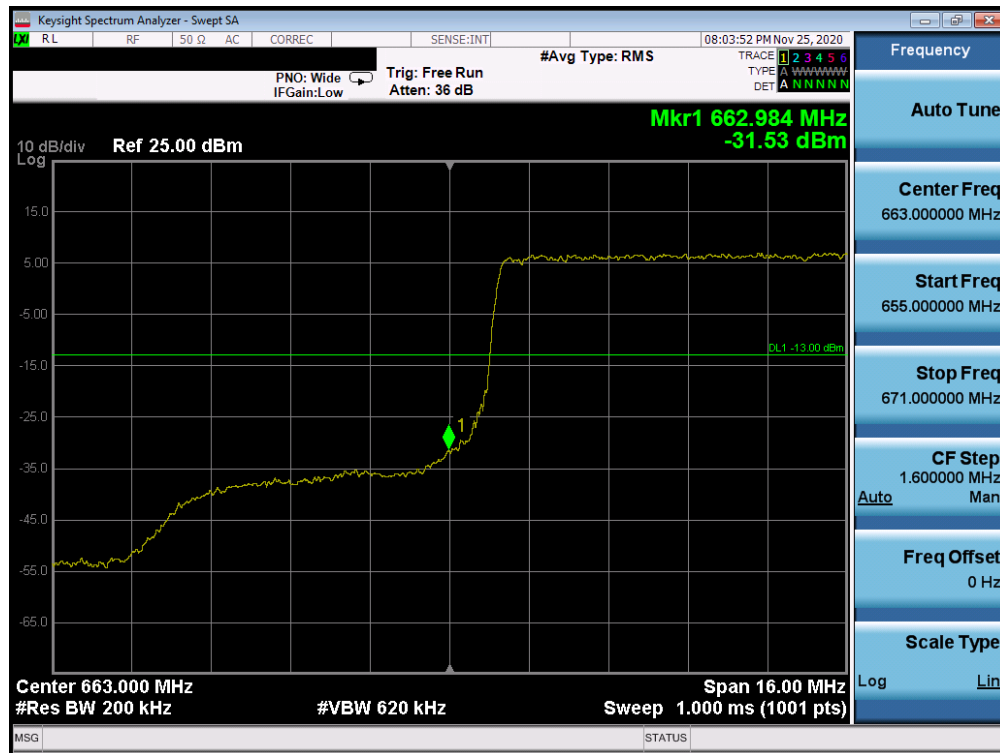
Plot 7-253. Upper Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-254. Higher Emission Mask Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 151 of 267

## Band 71

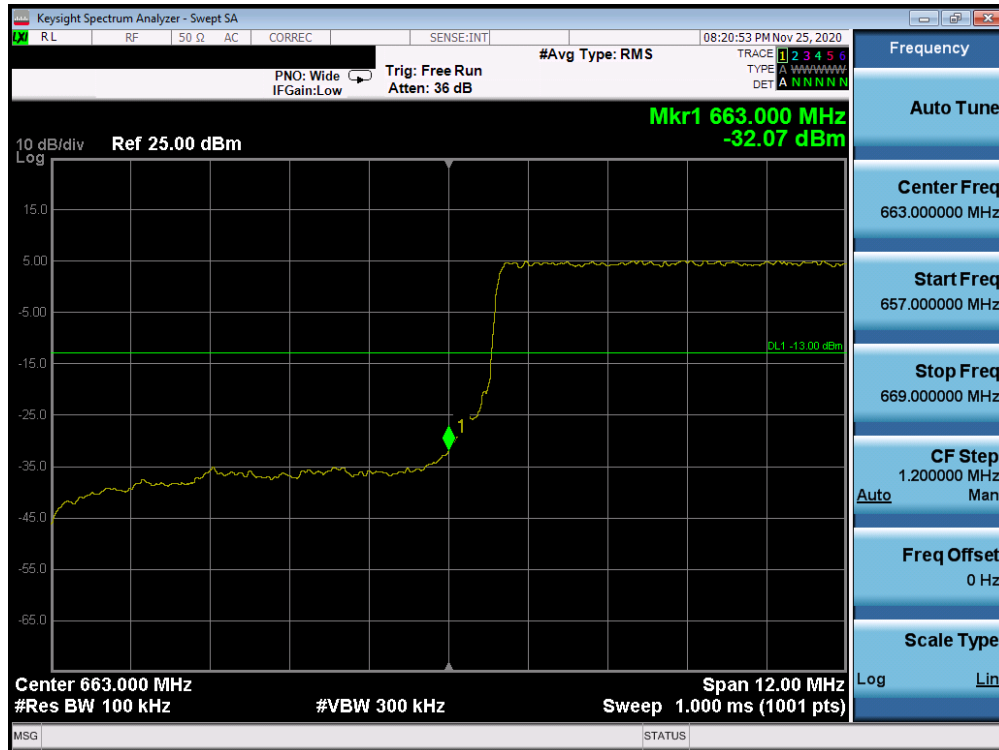


Plot 7-255. Lower Band Edge Plot (Band 71 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-256. Upper Band Edge Plot (Band 71 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 152 of 267

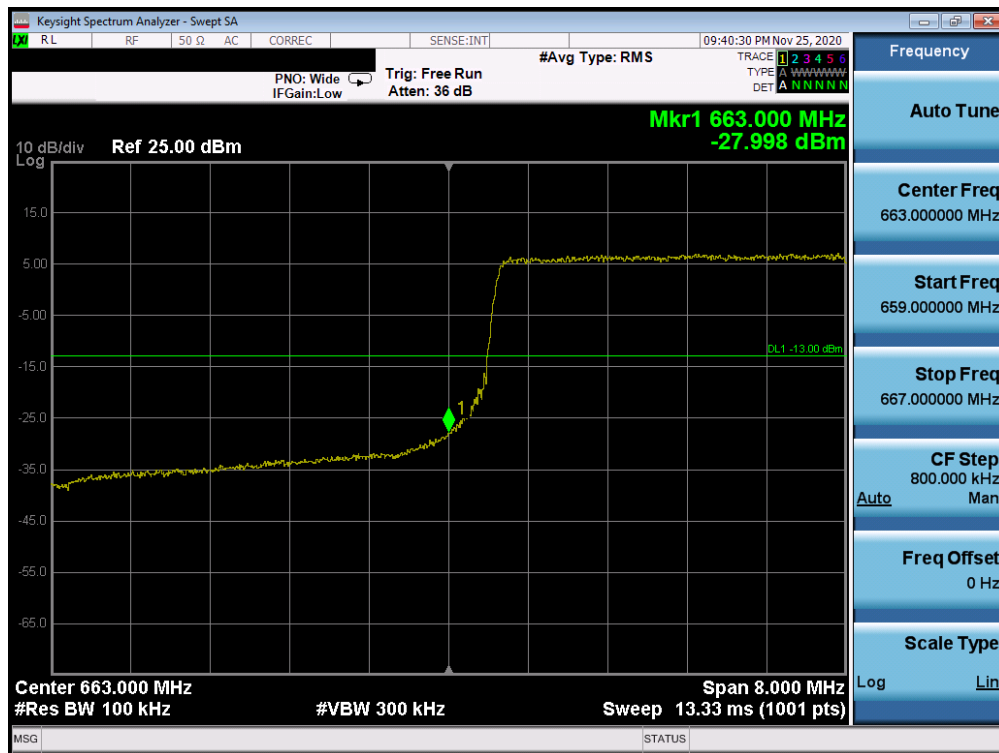


Plot 7-257. Lower Band Edge Plot (Band 71 - 15.0MHz QPSK - Full RB Configuration)

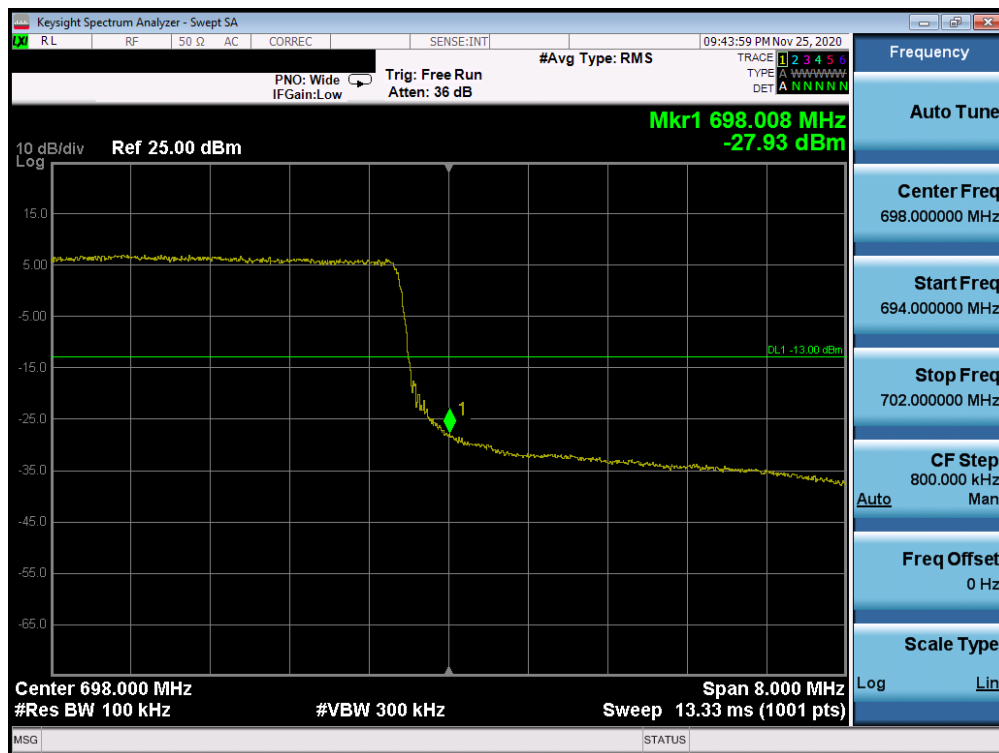


Plot 7-258. Upper Band Edge Plot (Band 71 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 153 of 267



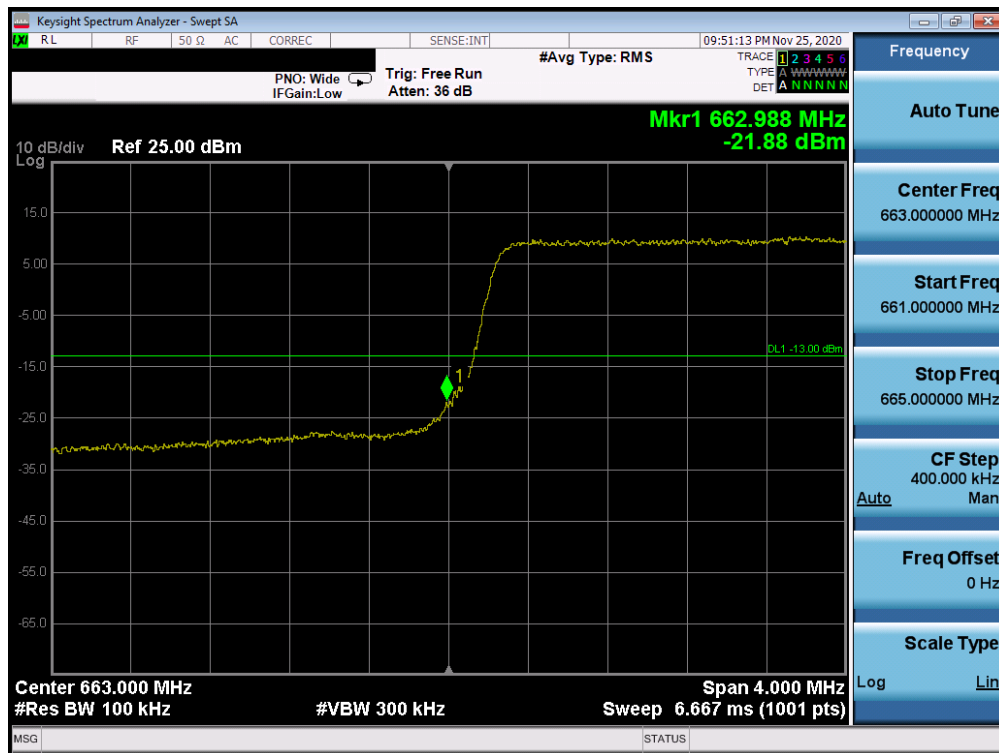
Plot 7-259. Lower Band Edge Plot (Band 71 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-260. Upper Band Edge Plot (Band 71 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 154 of 267





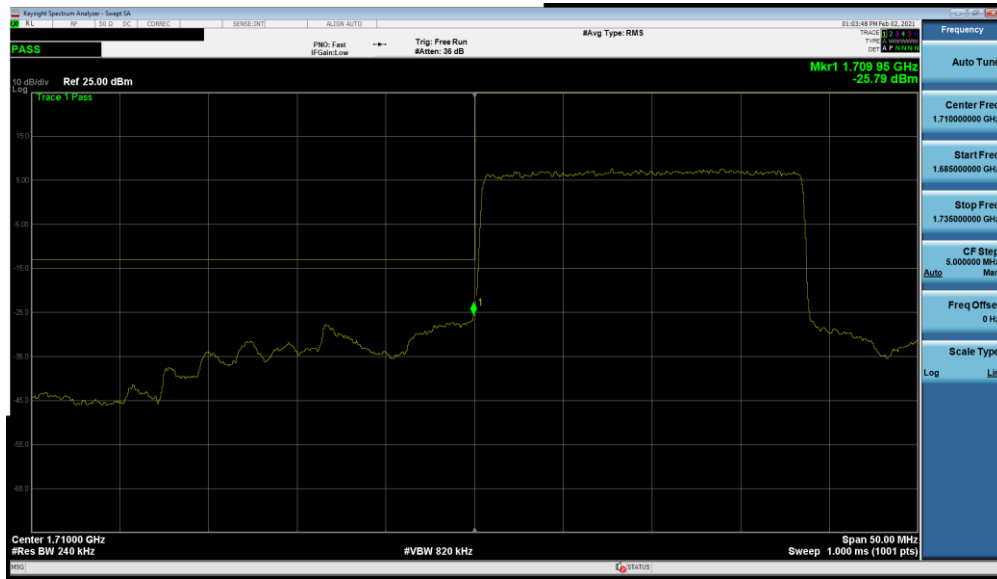
Plot 7-261. Lower Band Edge Plot (Band 71 - 5.0MHz QPSK - Full RB Configuration)



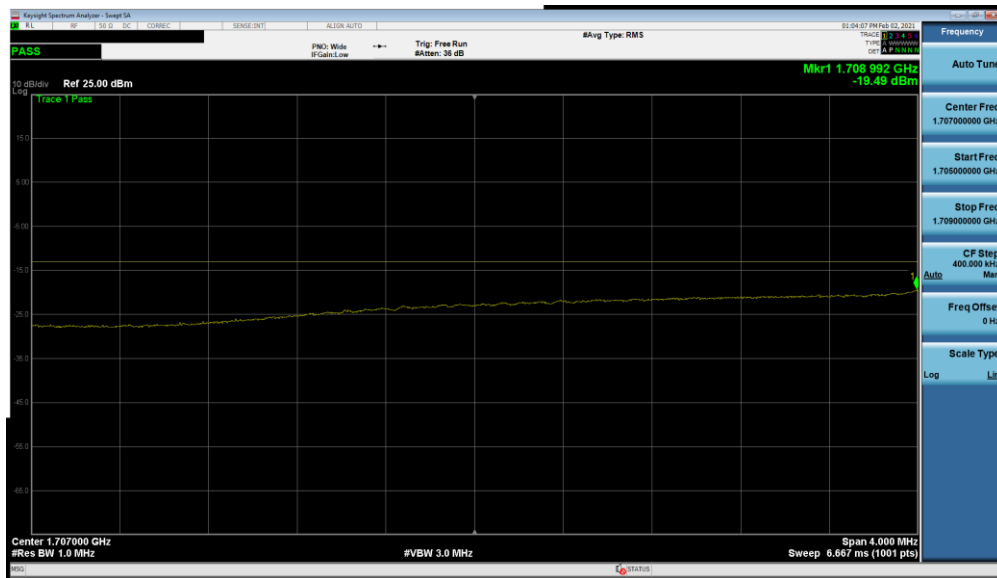
Plot 7-262. Upper Band Edge Plot (Band 71 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 155 of 267

## NR Band n66

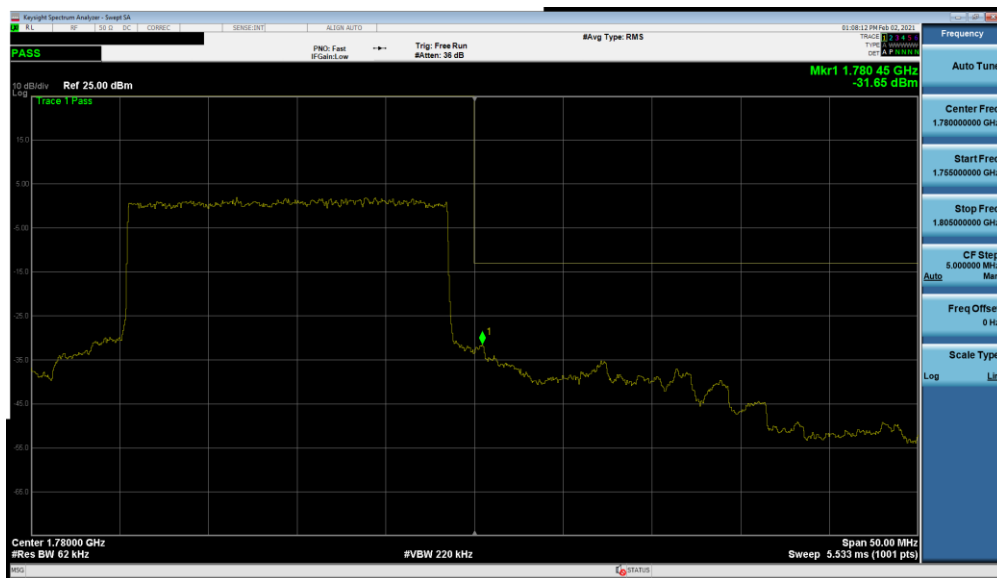


Plot 7-263. Lower Band Edge Plot (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK QPSK - Full RB Configuration)

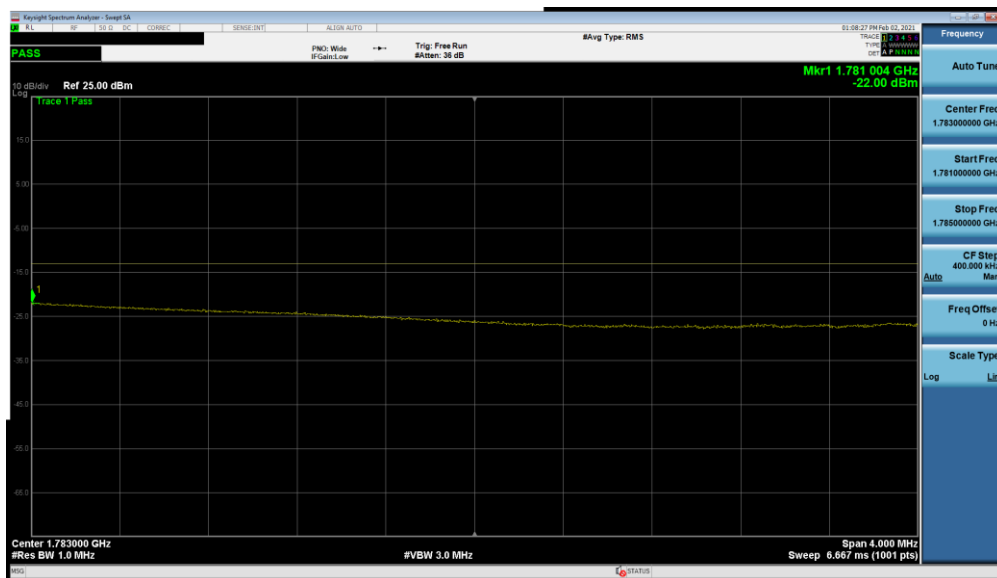


Plot 7-264. Lower Extended Band Edge Plot (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)


FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 156 of 267

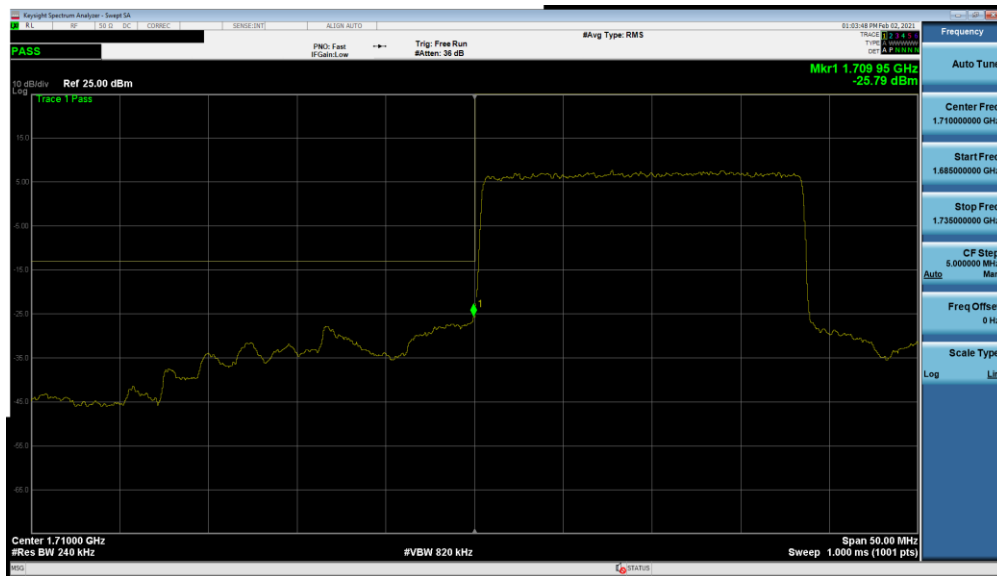


Plot 7-265. Upper Band Edge Plot (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

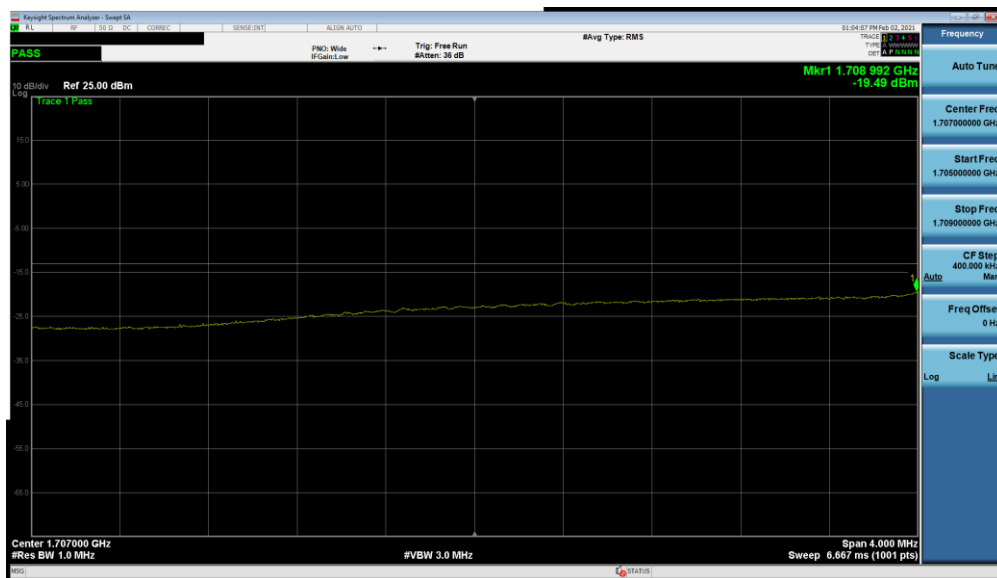


Plot 7-266. Upper Extended Band Edge Plot (NR Band n66 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)


FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 157 of 267

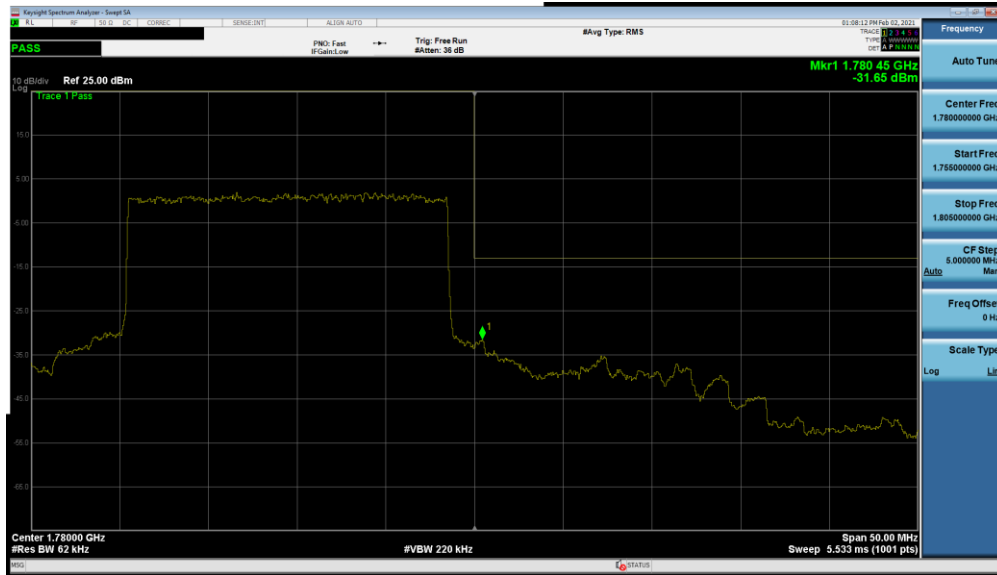


Plot 7-267. Lower Band Edge Plot (NR Band n66 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

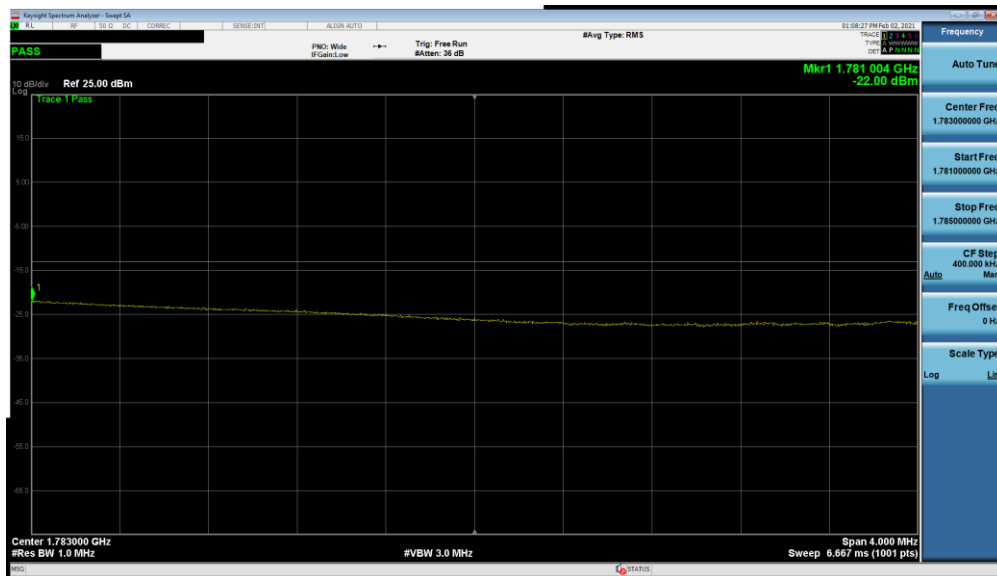


Plot 7-268. Lower Extended Band Edge Plot (NR Band n66 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 158 of 267

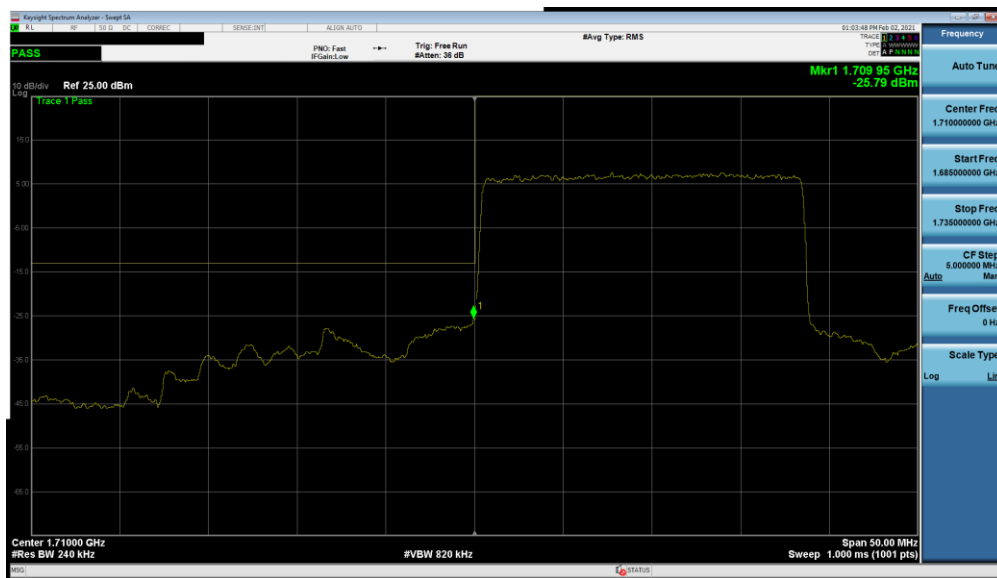


Plot 7-269. Upper Band Edge Plot (NR Band n66 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

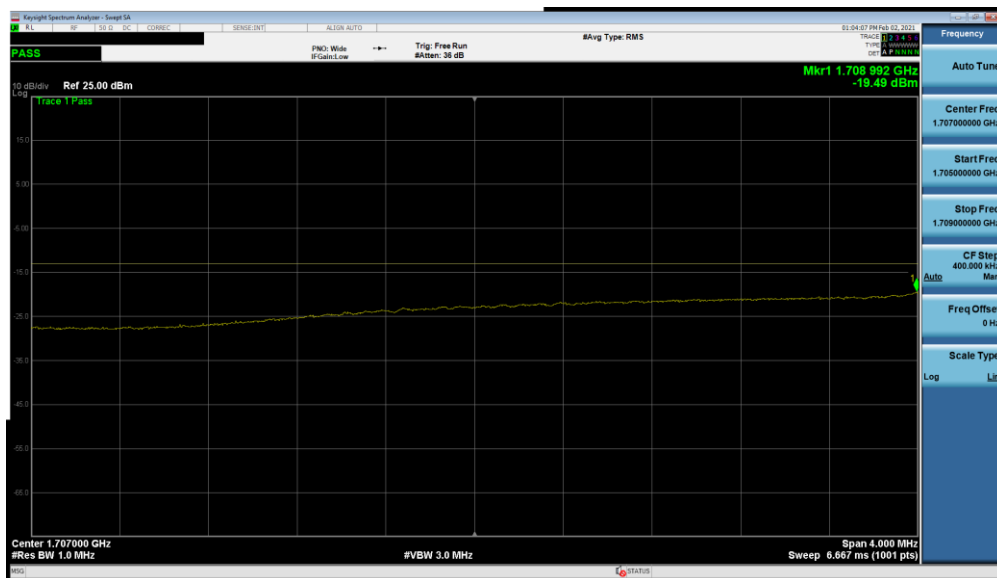


Plot 7-270. Upper Extended Band Edge Plot (NR Band n66 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)


FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 159 of 267

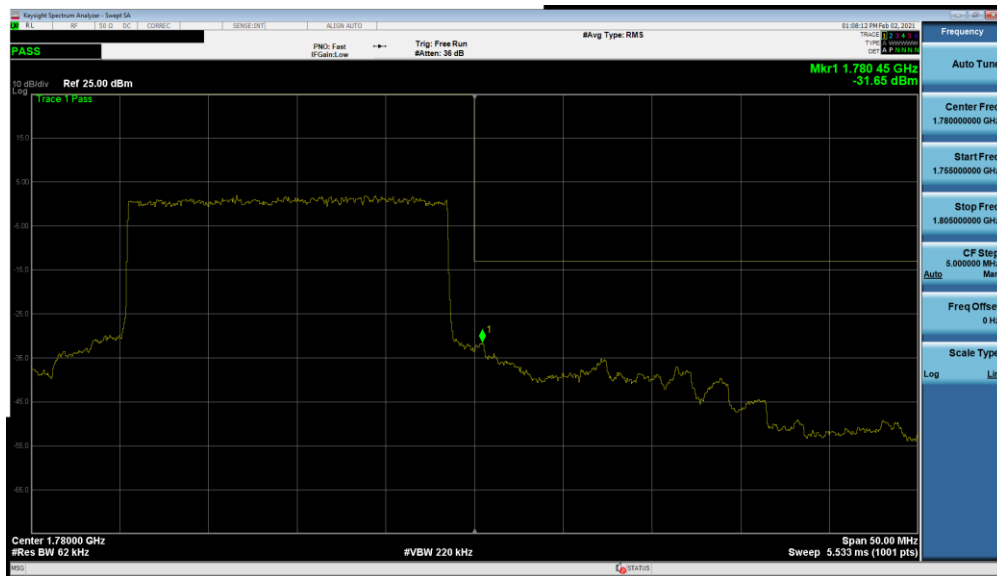


Plot 7-271. Lower Band Edge Plot (NR Band n66 - 10.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

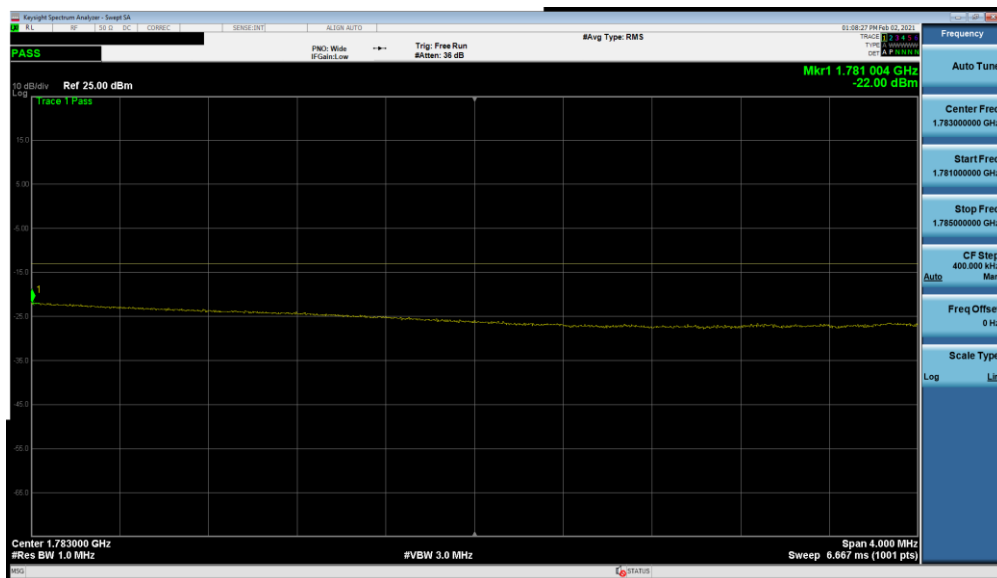


Plot 7-272. Lower Extended Band Edge Plot (NR Band n66 - 10.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)


FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 160 of 267

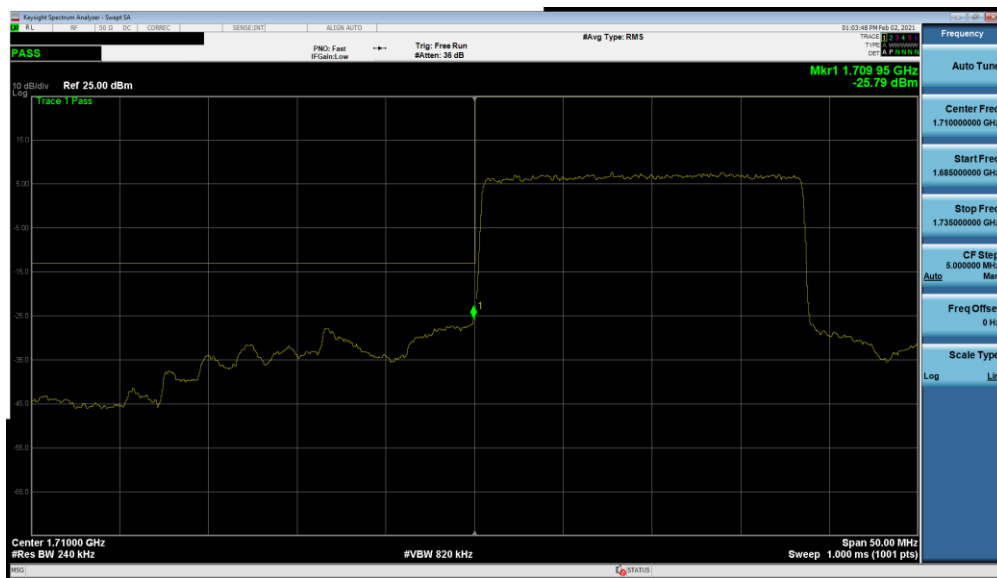


Plot 7-273. Upper Band Edge Plot (NR Band n66 - 10.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

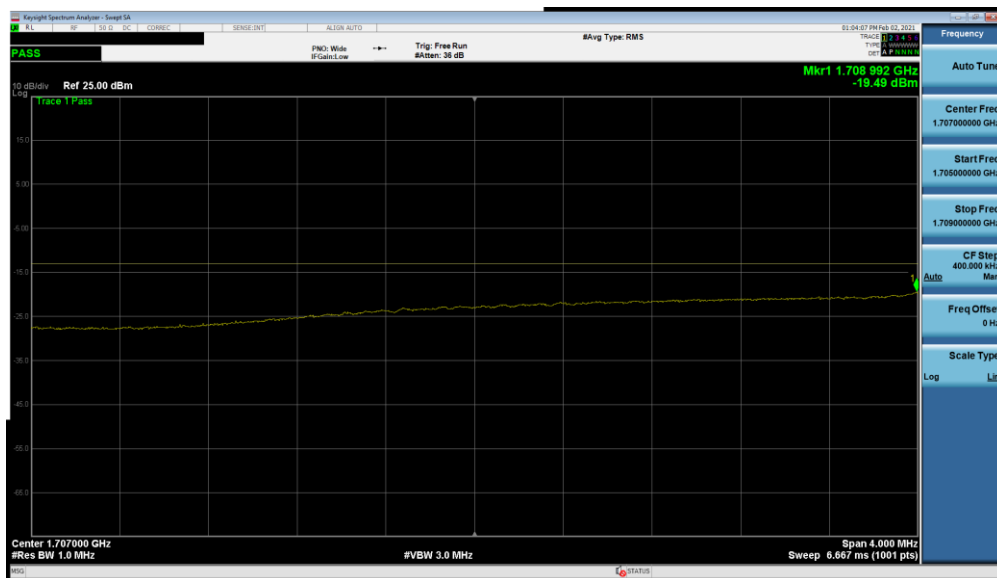


Plot 7-274. Upper Extended Band Edge Plot (NR Band n66 - 10.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)


FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 161 of 267



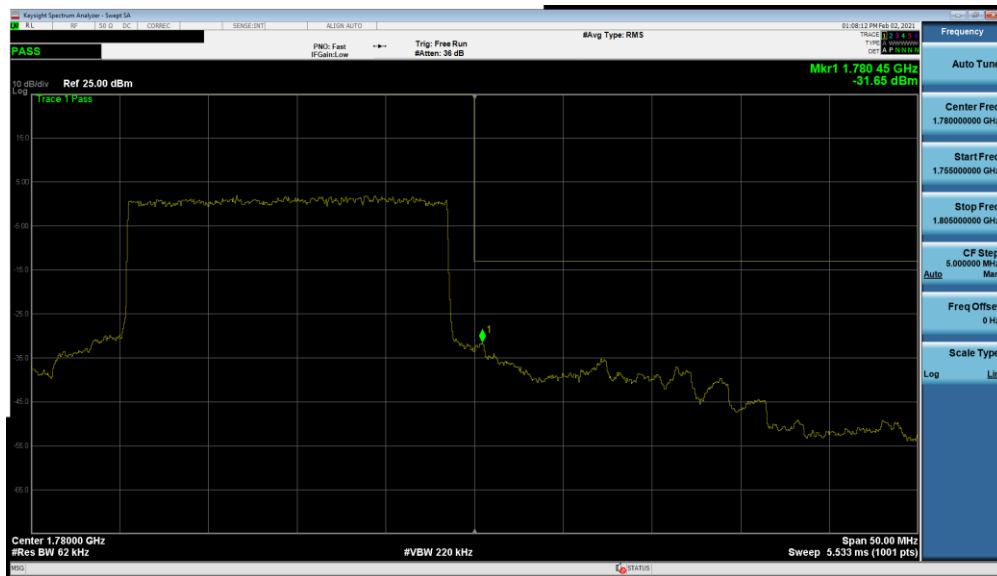
Plot 7-275. Lower Band Edge Plot (NR Band n66 - 5.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)



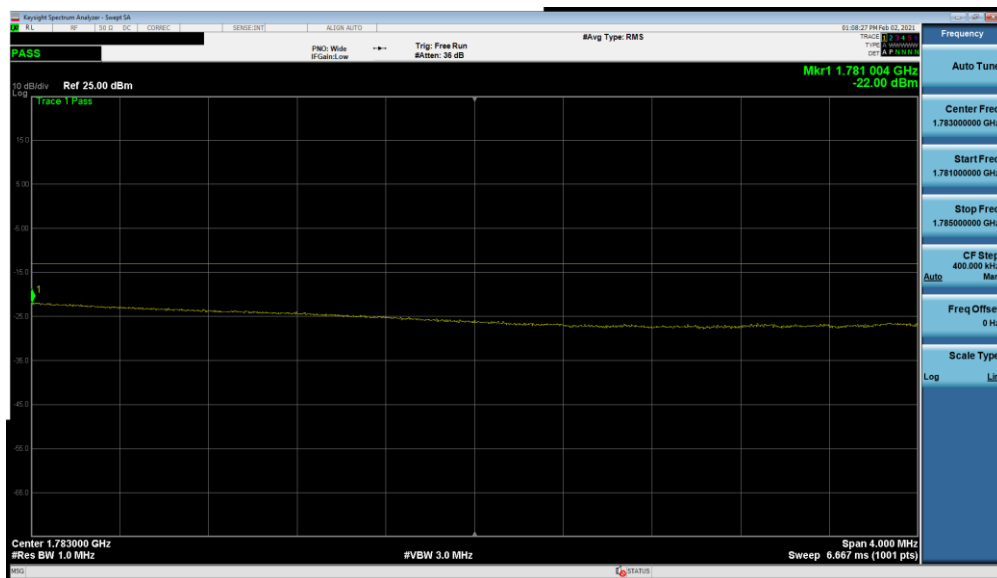
Plot 7-276. Lower Extended Band Edge Plot (NR Band n66 - 5.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 162 of 267






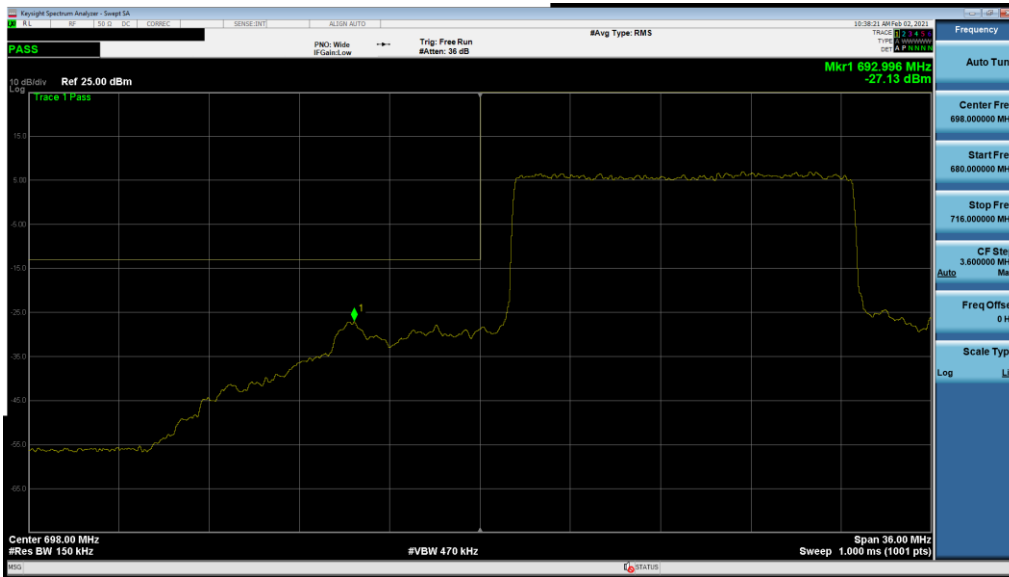
Plot 7-277. Upper Band Edge Plot (NR Band n66 - 5.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)



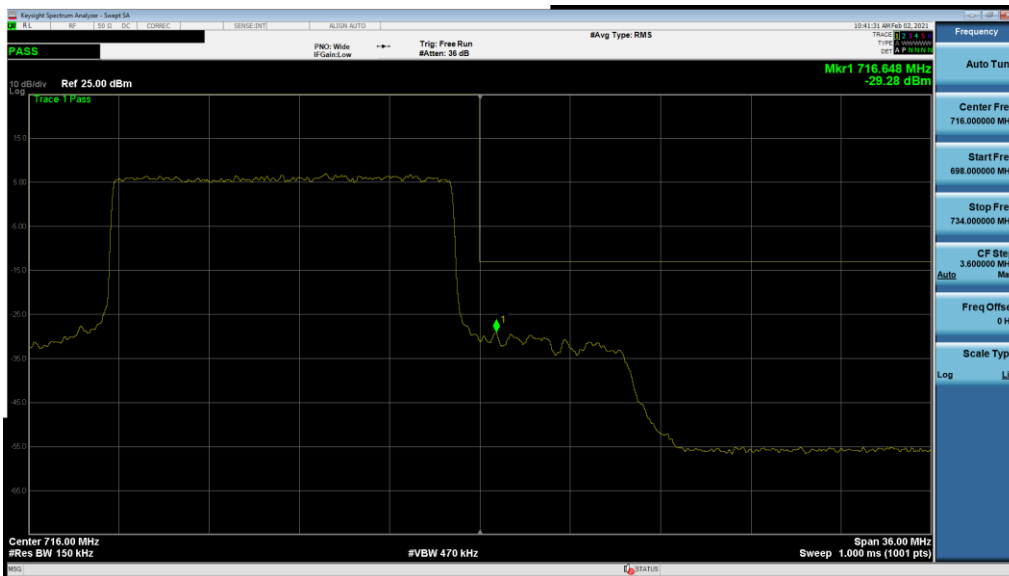
Plot 7-278. Upper Extended Band Edge Plot (NR Band n66 - 5.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 163 of 267

## NR Band n12

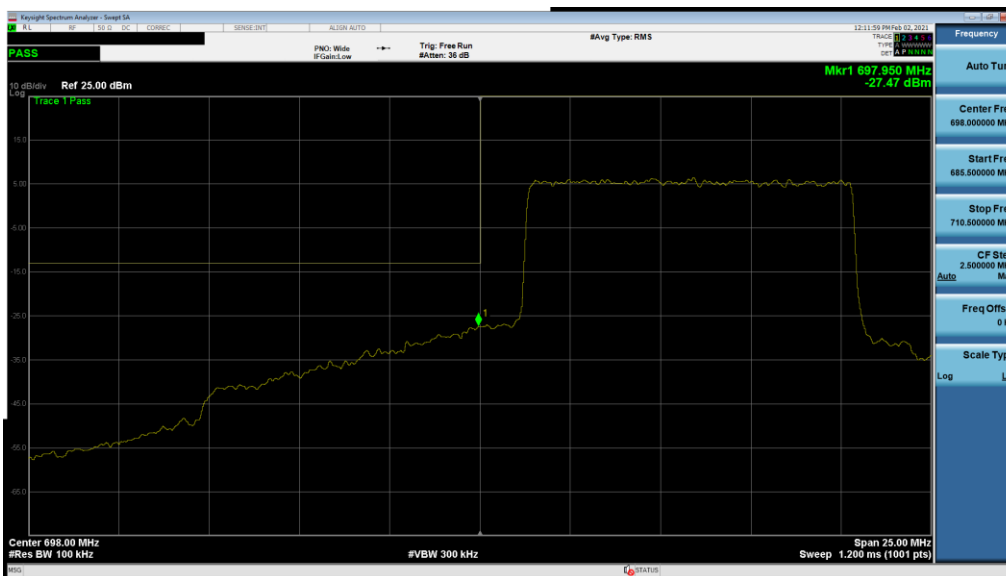


Plot 7-279. Lower Band Edge Plot (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

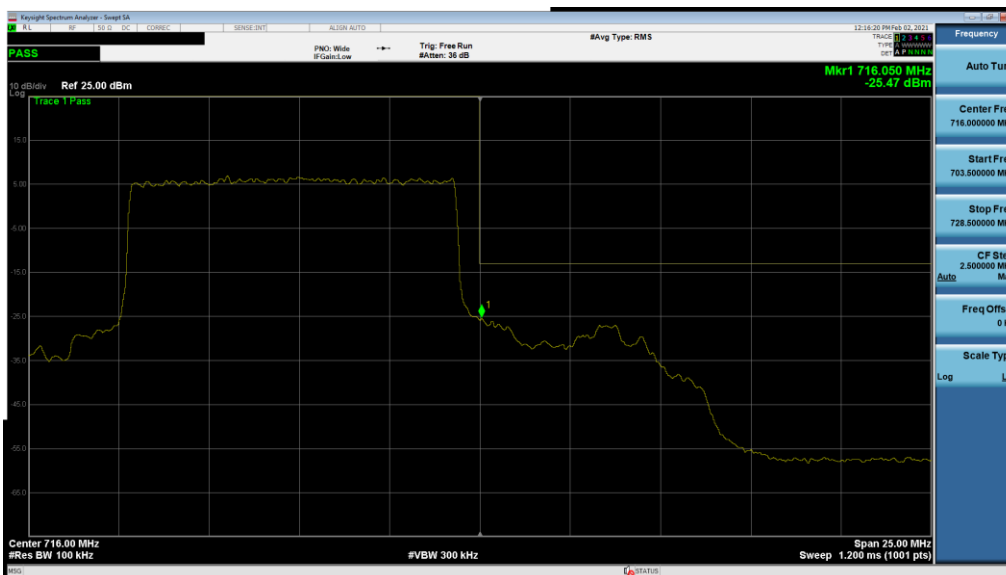


Plot 7-280. Upper Band Edge Plot (NR Band n12 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 164 of 267

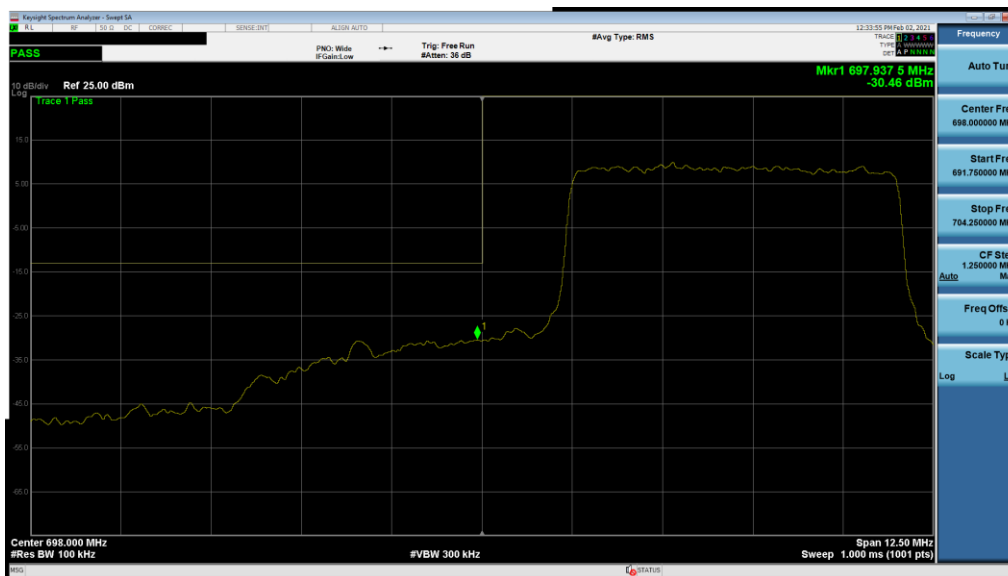


Plot 7-281. Lower Band Edge Plot (NR Band n12 - 10.0MHz DFT-s OFDM QPSK- Full RB Configuration)

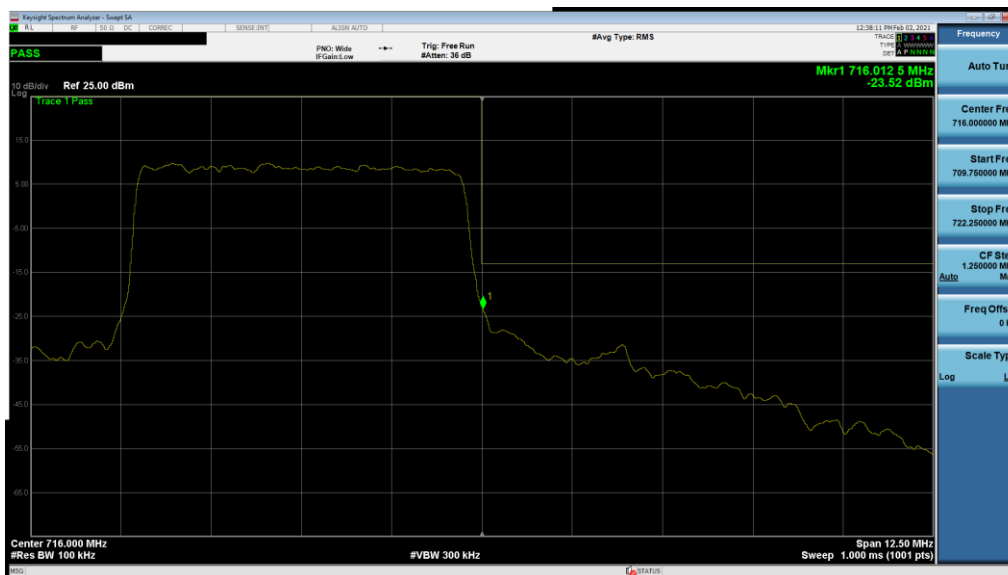


Plot 7-282. Upper Band Edge Plot (NR Band n12 - 10.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 165 of 267



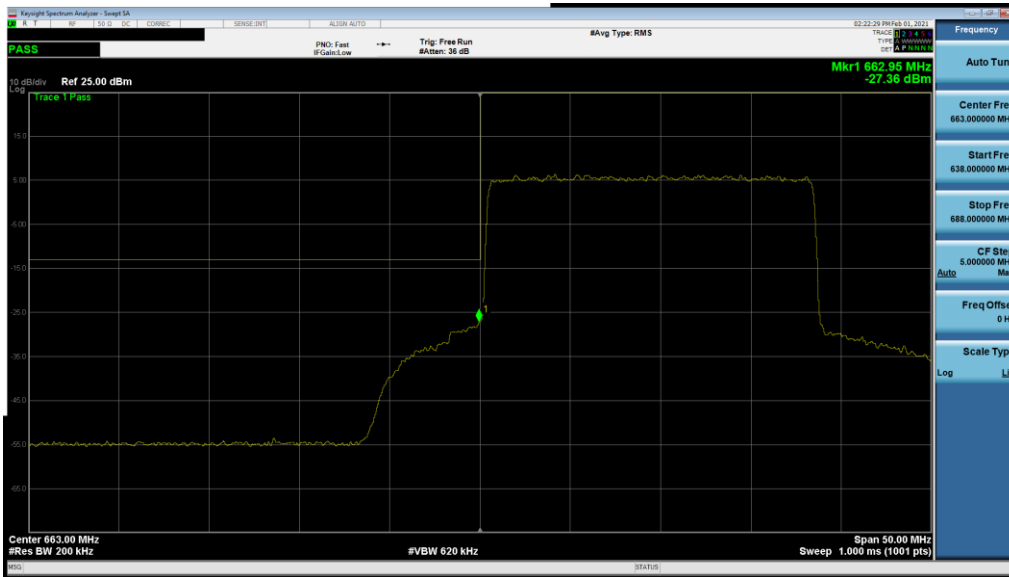
Plot 7-283. Lower Band Edge Plot (NR Band n12 - 5.0MHz DFT-s OFDM QPSK- Full RB Configuration)



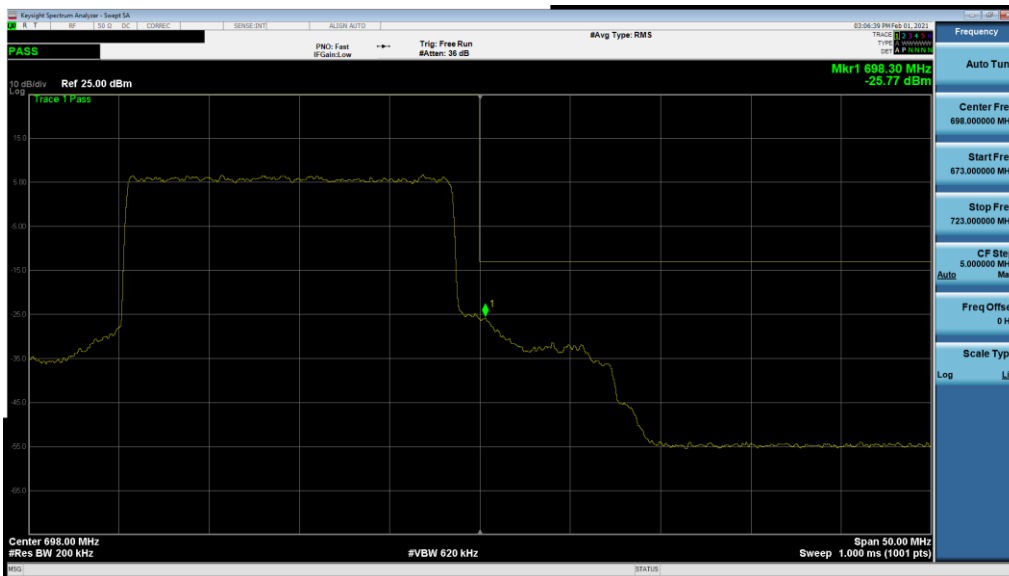
Plot 7-284. Upper Band Edge Plot (NR Band n12 - 5.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 166 of 267

## NR Band n71

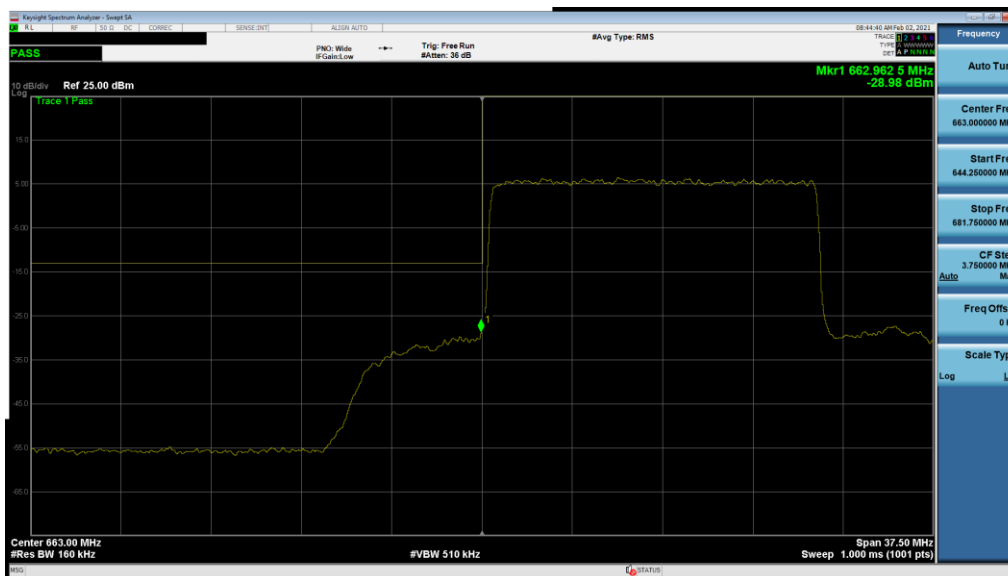


Plot 7-285. Lower Band Edge Plot (NR Band n71 - 20.0MHz DFT-s OFDM QPSK - Full RB Configuration)

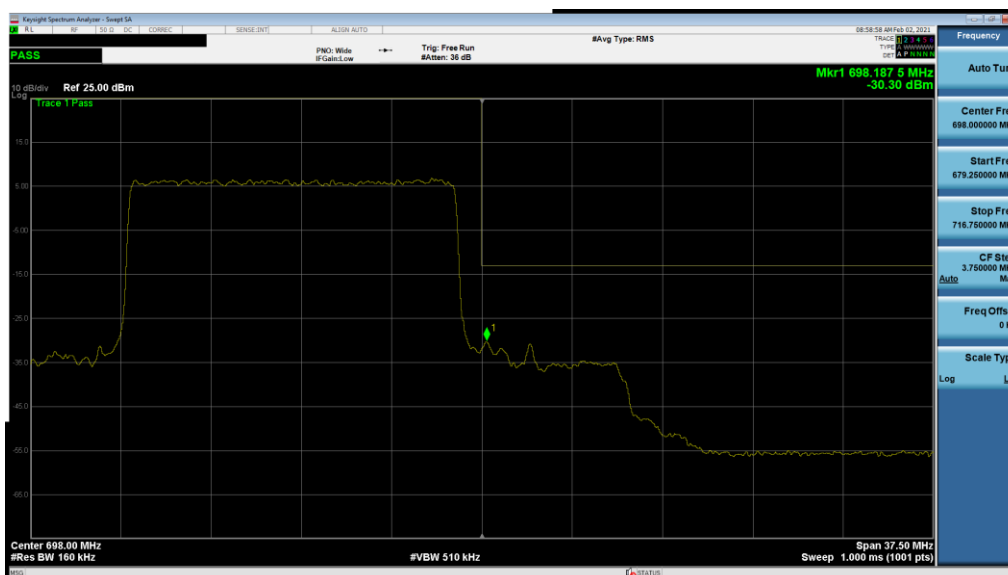


Plot 7-286. Upper Band Edge Plot (NR Band n71 - 20.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 167 of 267

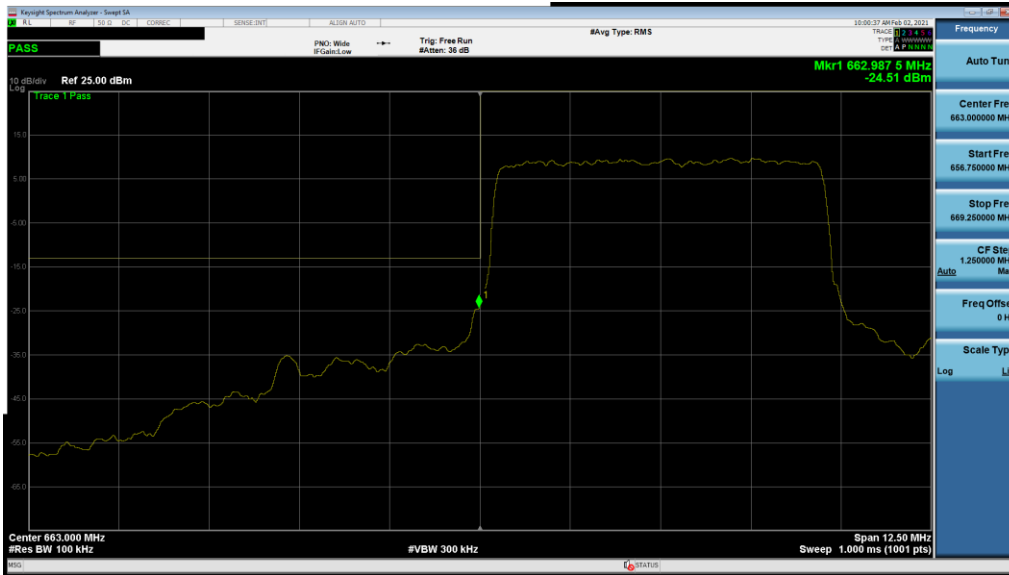


Plot 7-287. Lower Band Edge Plot (NR Band n71 - 15.0MHz DFT-s OFDM QPSK- Full RB Configuration)

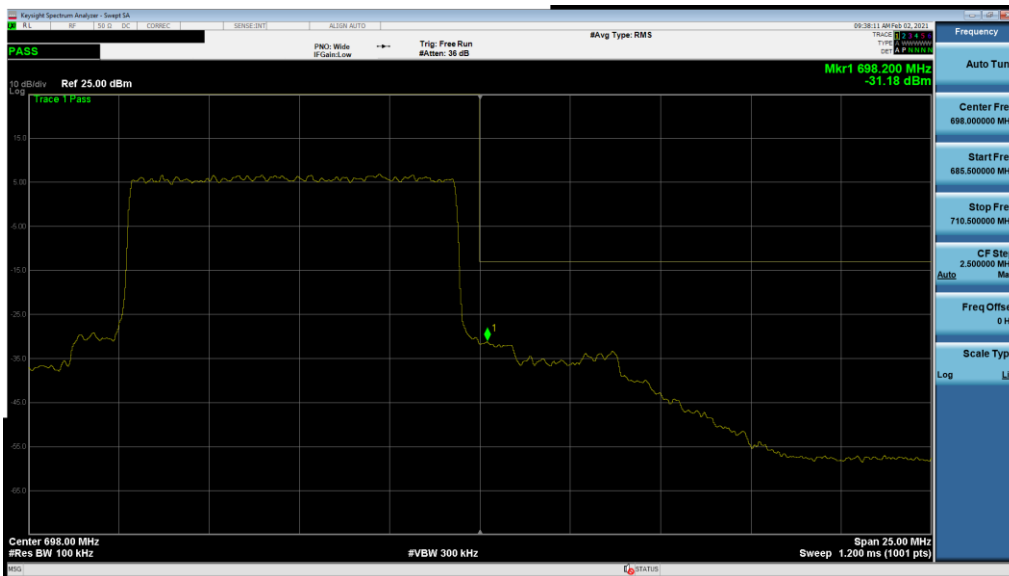


Plot 7-288. Upper Band Edge Plot (NR Band n71 - 15.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)


FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	<b>PART 27 MEASUREMENT REPORT</b>	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 168 of 267

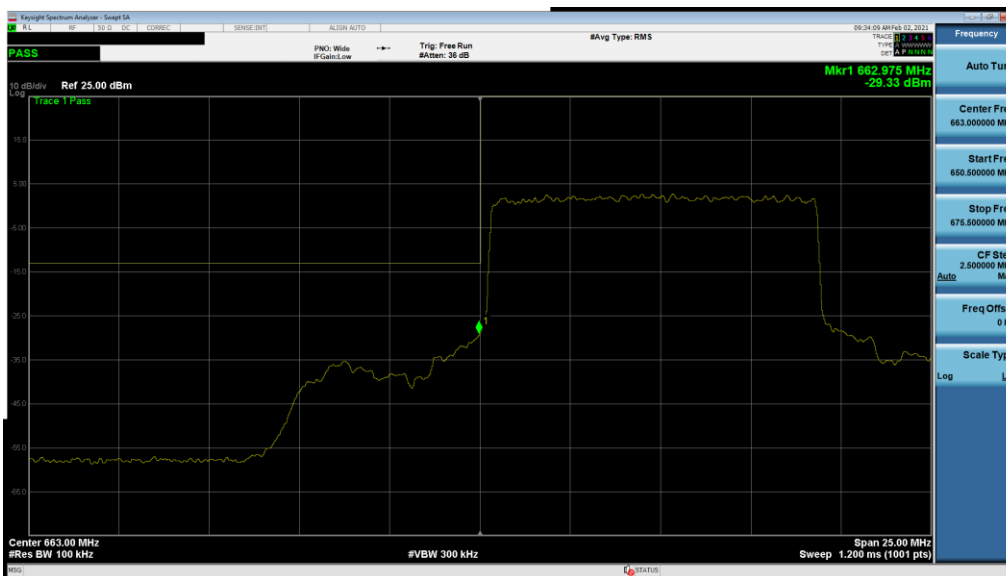


Plot 7-289. Lower Band Edge Plot (NR Band n71 - 10.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

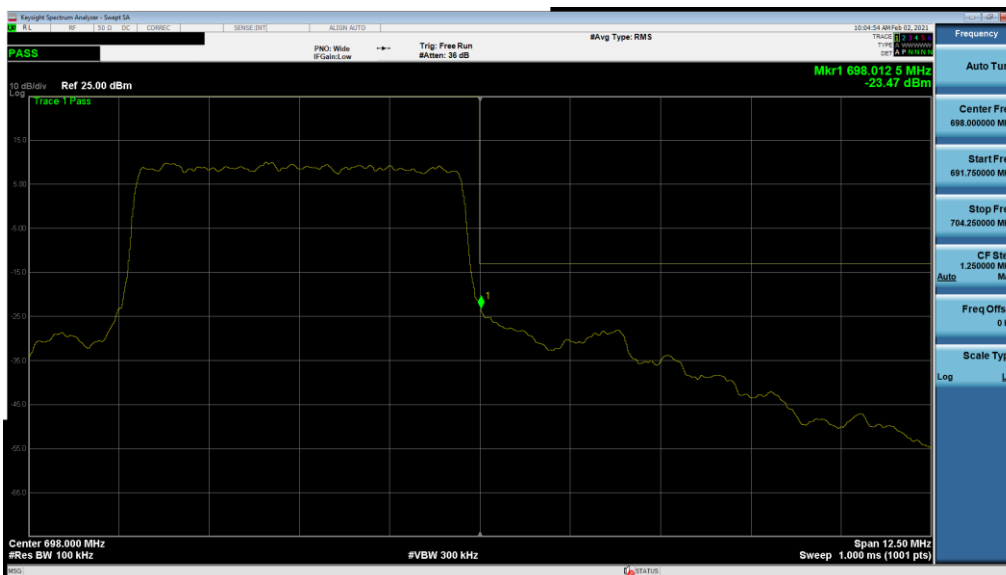


Plot 7-290. Upper Band Edge Plot (NR Band n71 - 10.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 169 of 267



Plot 7-291. Lower Band Edge Plot (NR Band n71 - 5.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)



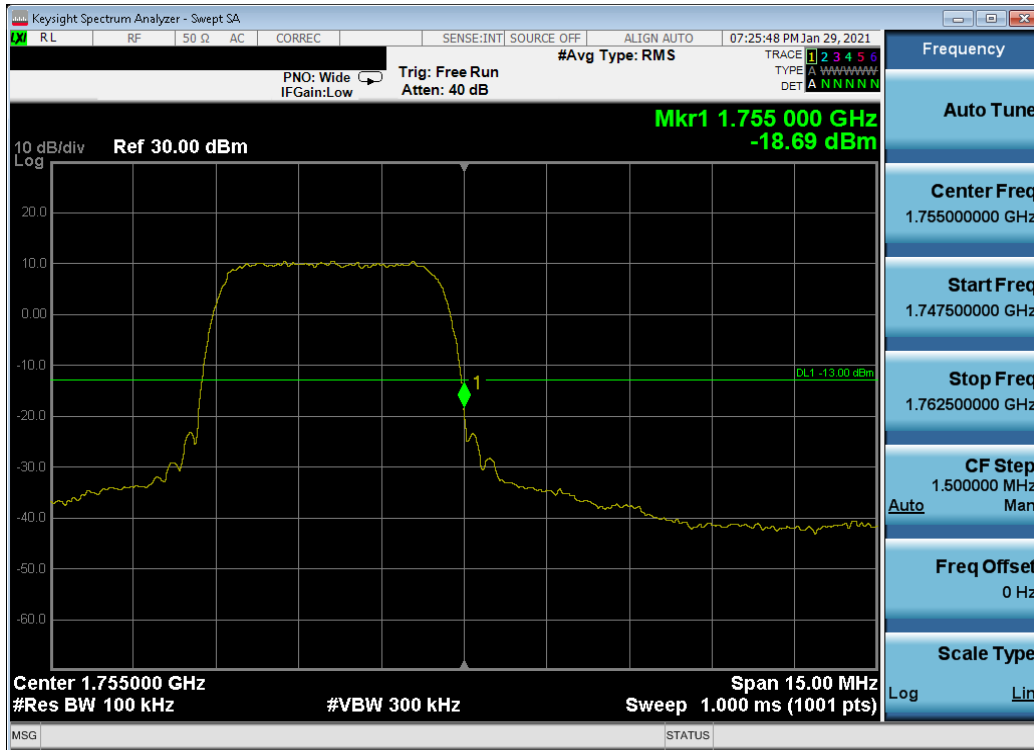
Plot 7-292. Upper Band Edge Plot (NR Band n71 - 5.0MHz DFT-s OFDM  $\pi/2$  BPSK - Full RB Configuration)

FCC ID: BCGA2379	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 170 of 267

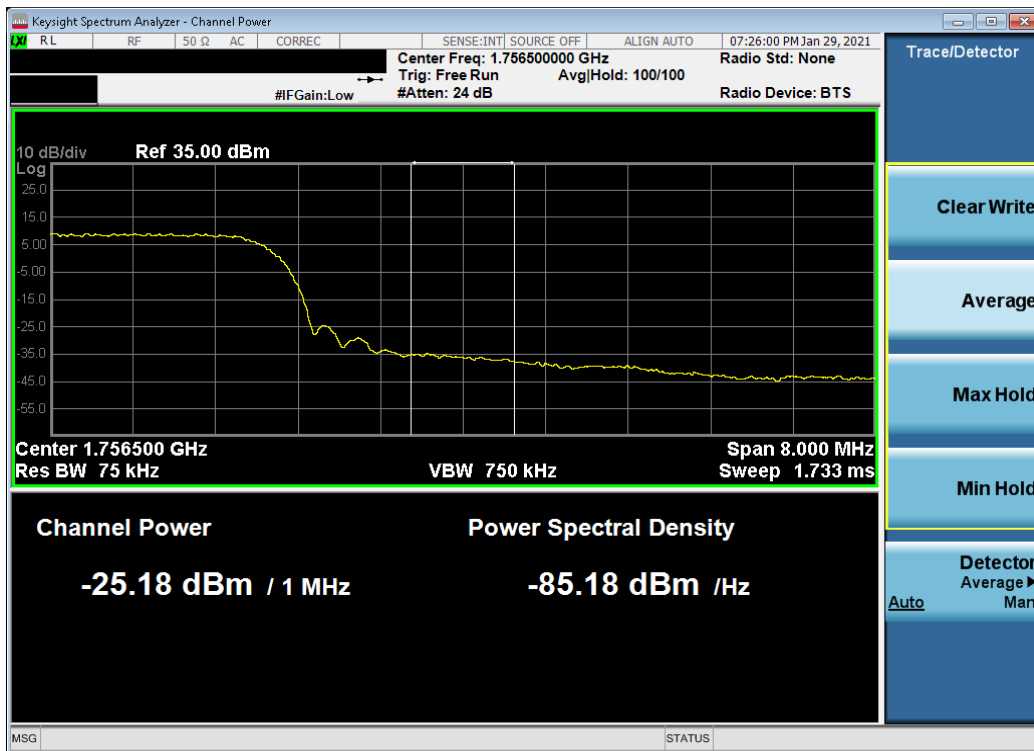




© 2021 PCTEST



Plot 7-295. Band Edge Plot (AWS WCDMA Mode - High Channel)



Plot 7-296. Extended Band Edge Plot (AWS WCDMA Mode - High Channel)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 172 of 267

## 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. All ports were tested and only the worst case data were reported.

### Test Procedure Used

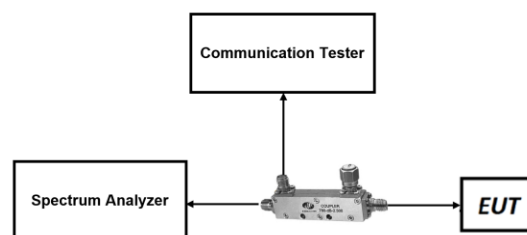
KDB 971168 D01 v03r01 – Section 5.7.1

### Test Settings

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

### Test Setup


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



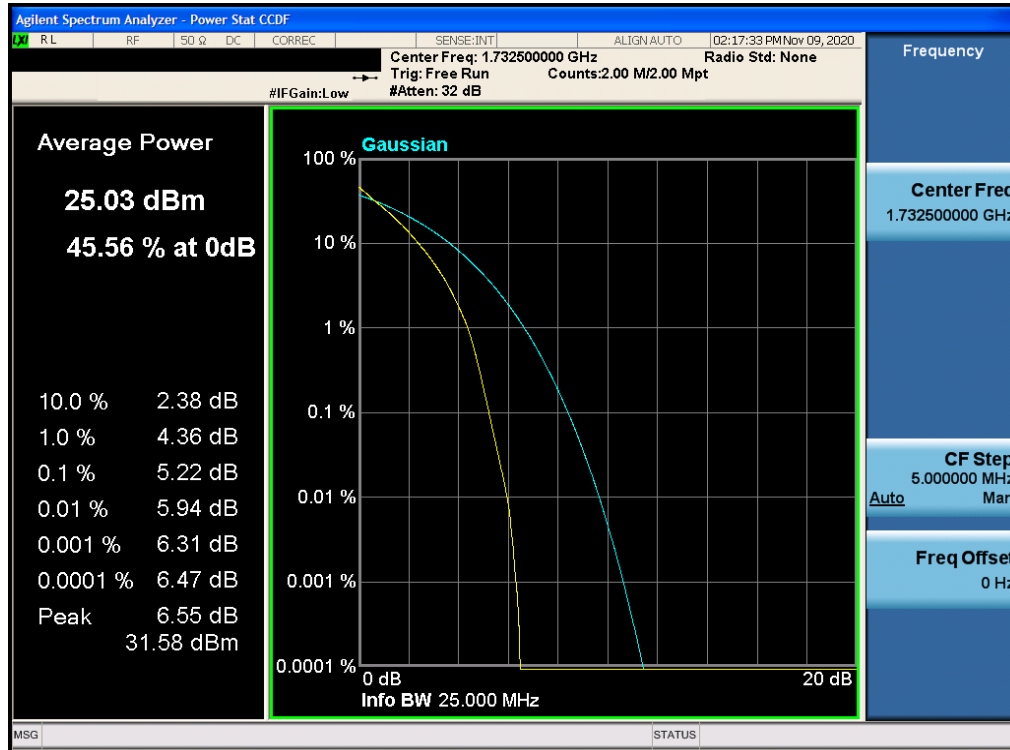
**Figure 7-4. Test Instrument & Measurement Setup**

### Test Notes

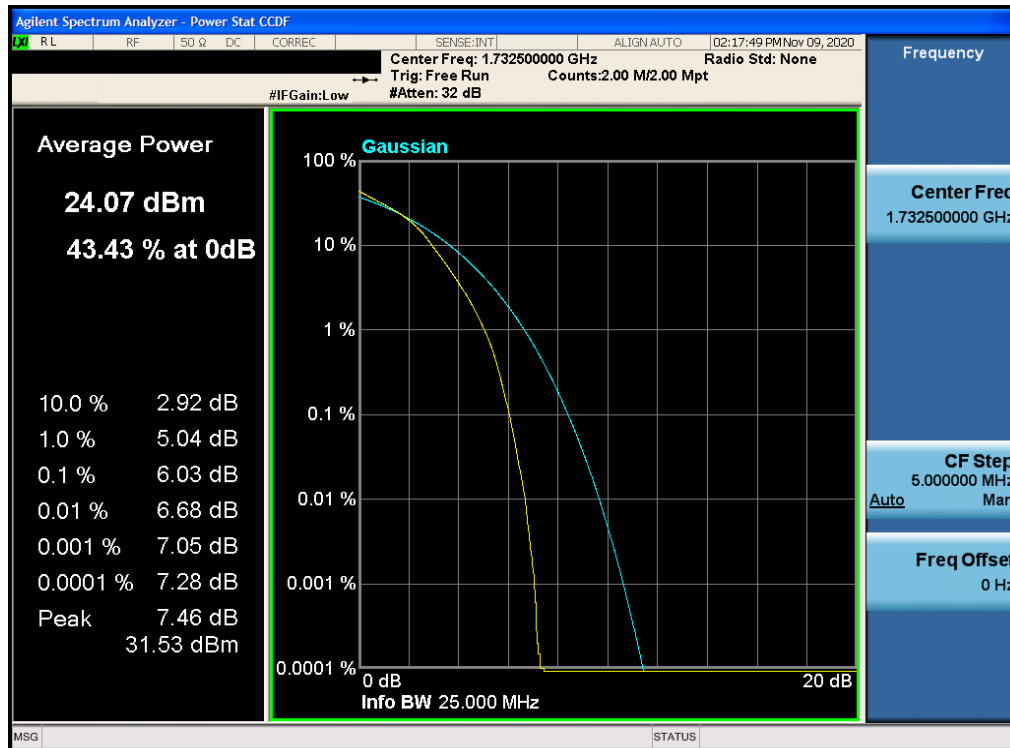
None.

FCC ID: BCGA2379	 <b>PART 27 MEASUREMENT REPORT</b>		Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 173 of 267

## LTE Band 4

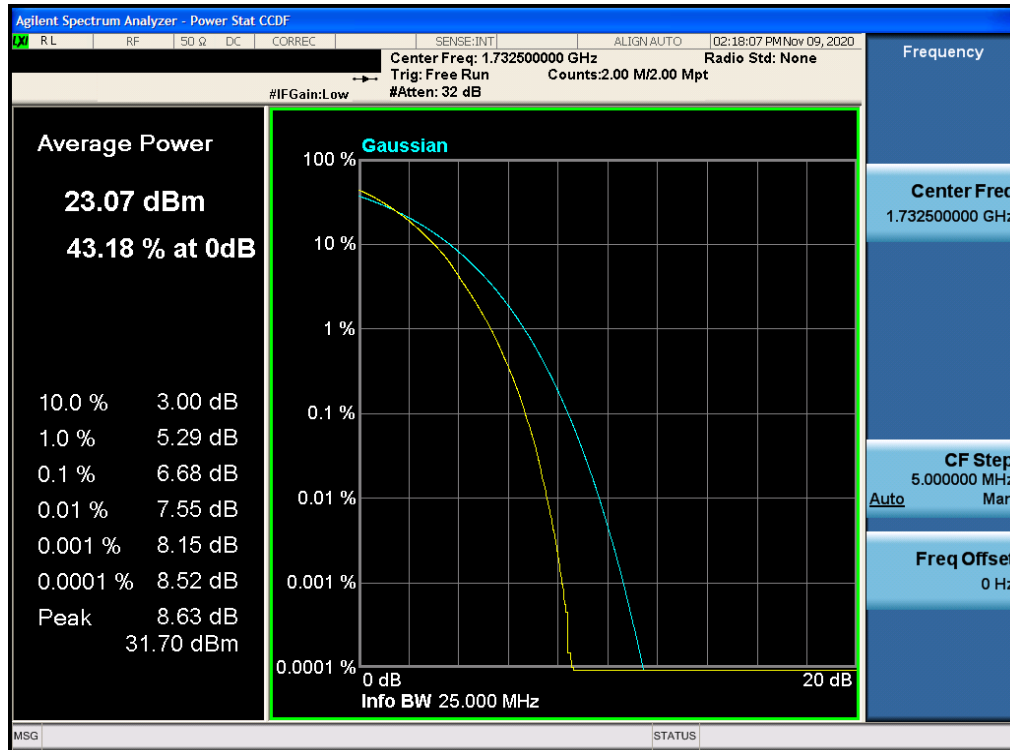


Plot 7-297. PAR Plot (LTE Band 4 - 20MHz QPSK - Full RB Configuration)

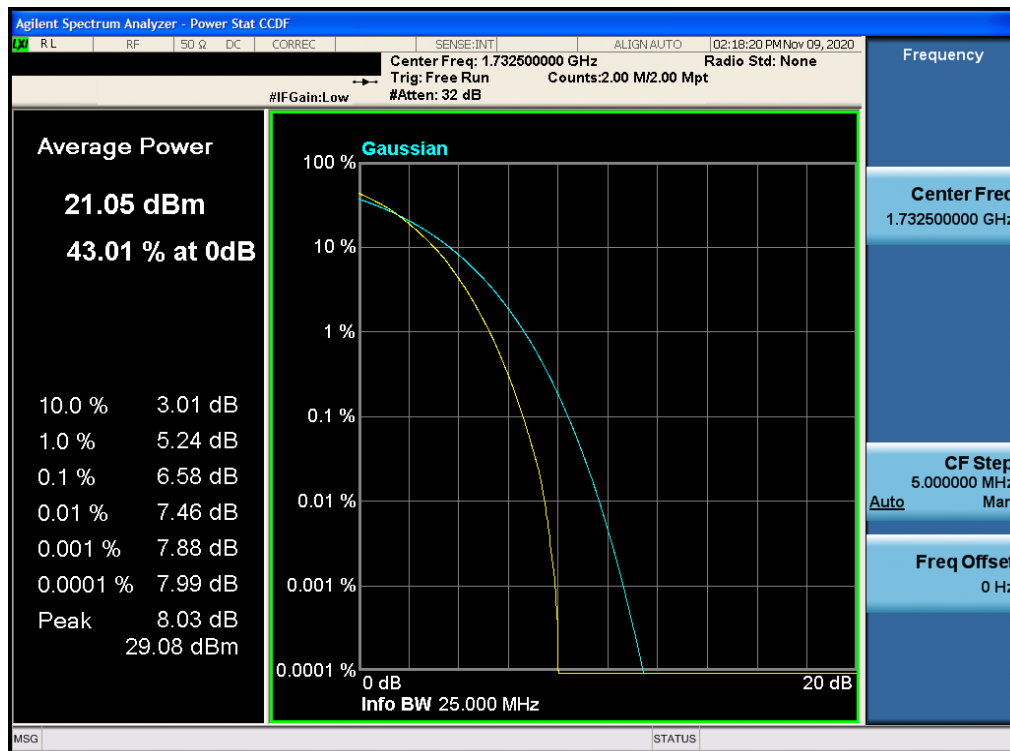


Plot 7-298. PAR Plot (LTE Band 4 - 20MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 174 of 267

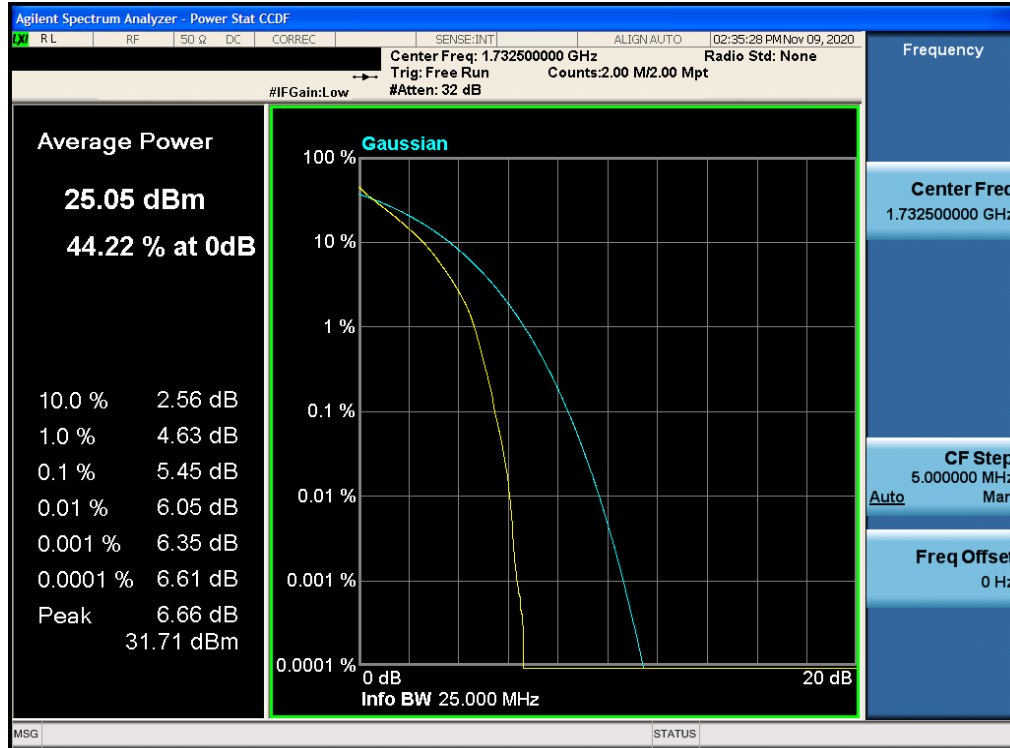


Plot 7-299. PAR Plot (LTE Band 4 - 20MHz 64-QAM - Full RB Configuration)

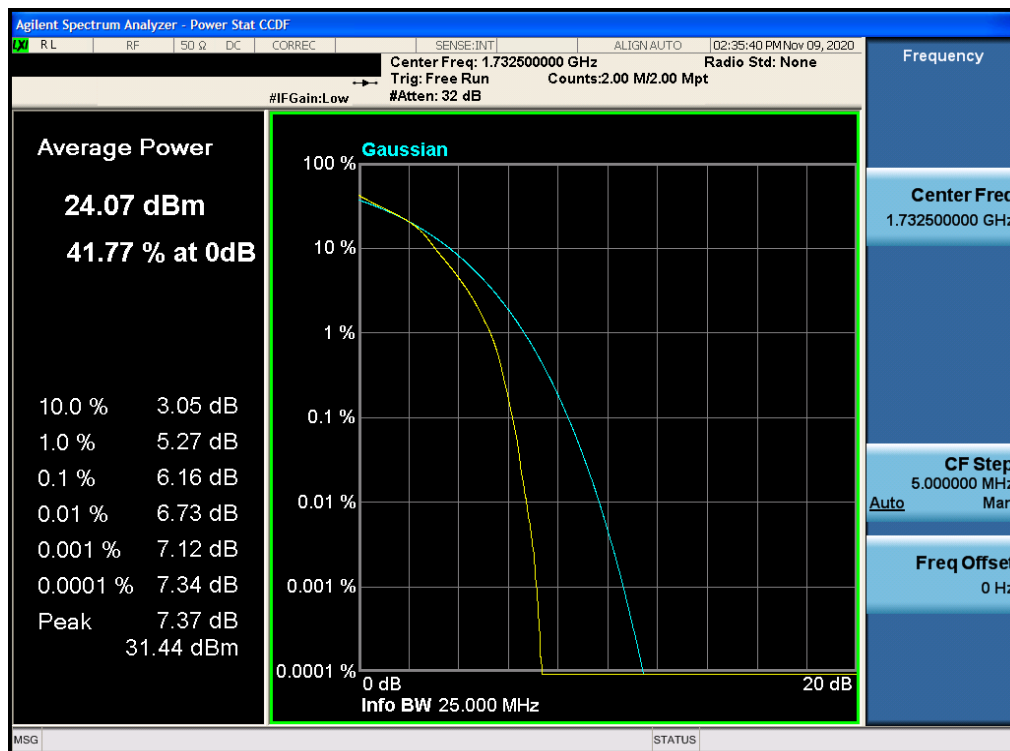


Plot 7-300. PAR Plot (LTE Band 4 - 20MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 175 of 267

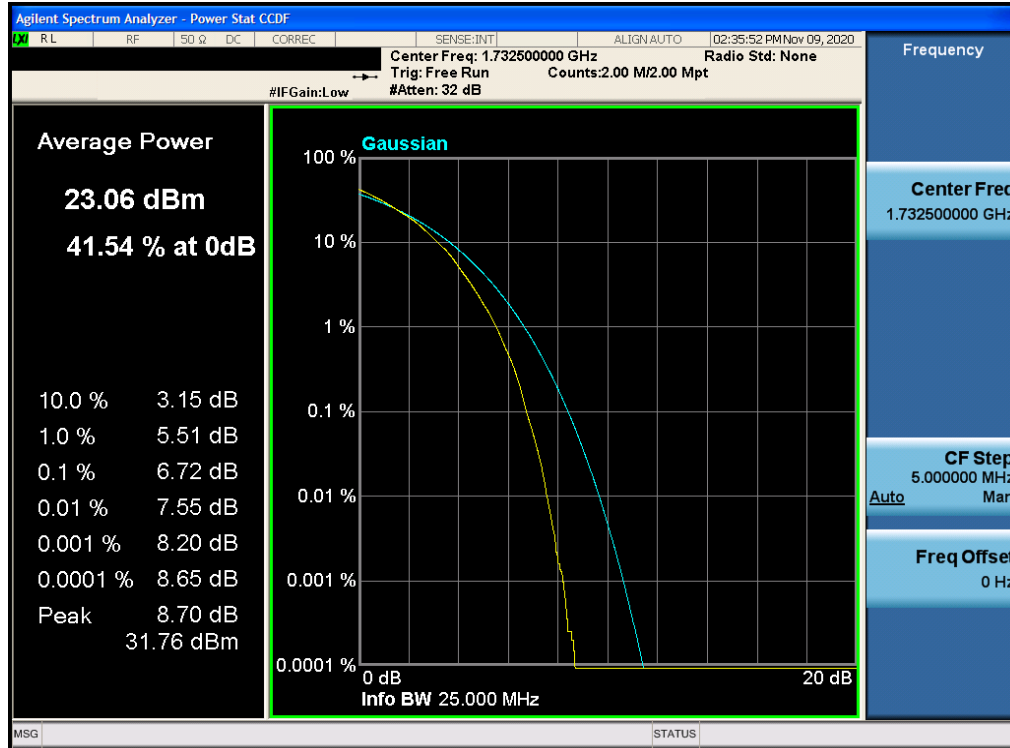


Plot 7-301. PAR Plot (LTE Band 4 - 15MHz QPSK - Full RB Configuration)

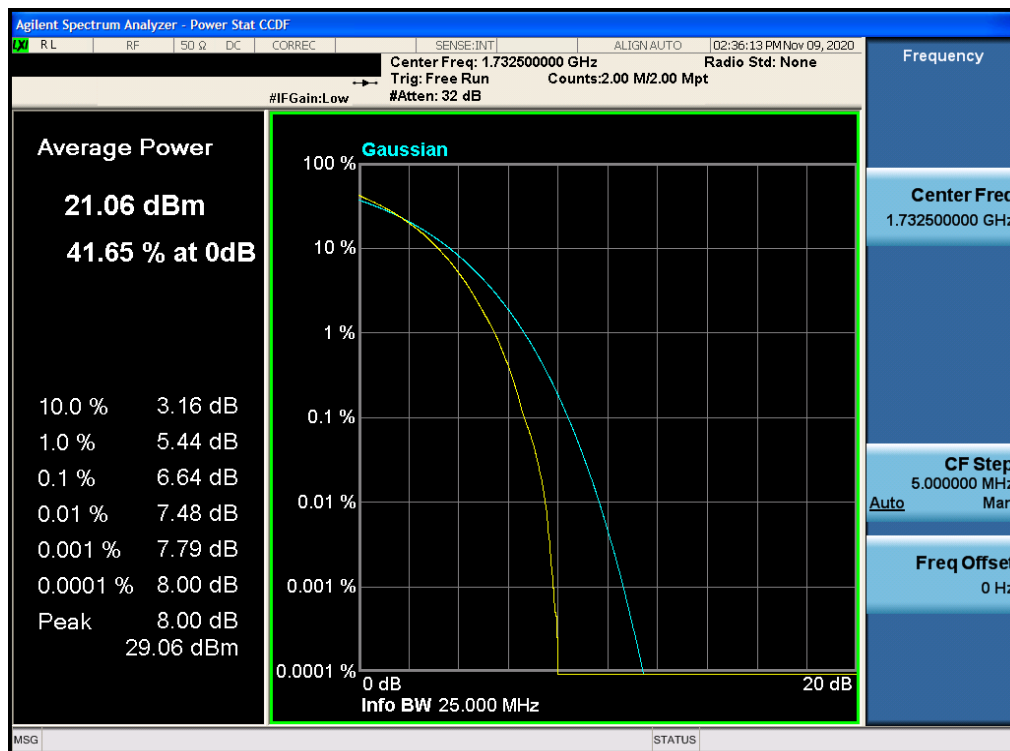


Plot 7-302. PAR Plot (LTE Band 4 - 15MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 176 of 267

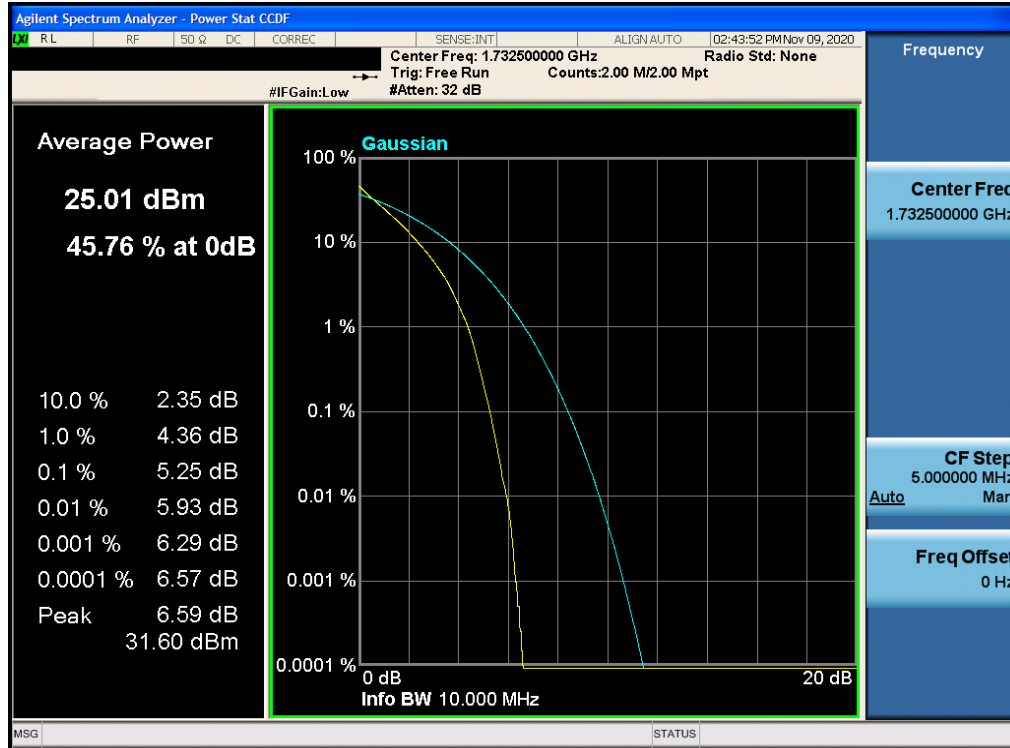


Plot 7-303. PAR Plot (LTE Band 4 - 15MHz 64-QAM - Full RB Configuration)

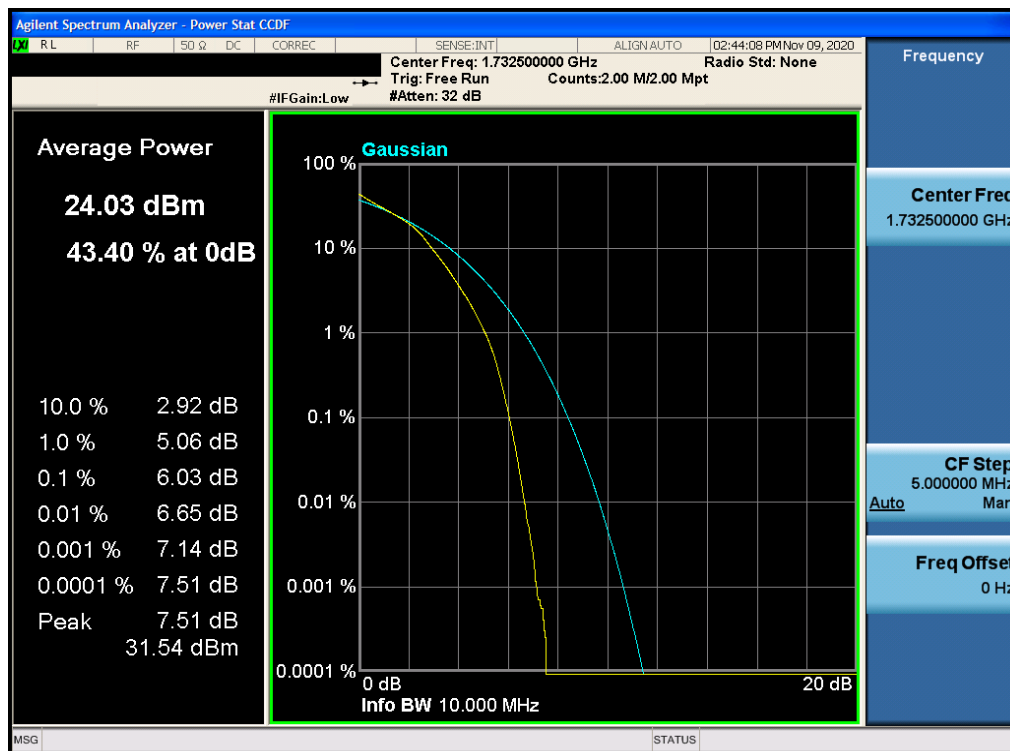


Plot 7-304. PAR Plot (LTE Band 4 - 15MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 177 of 267



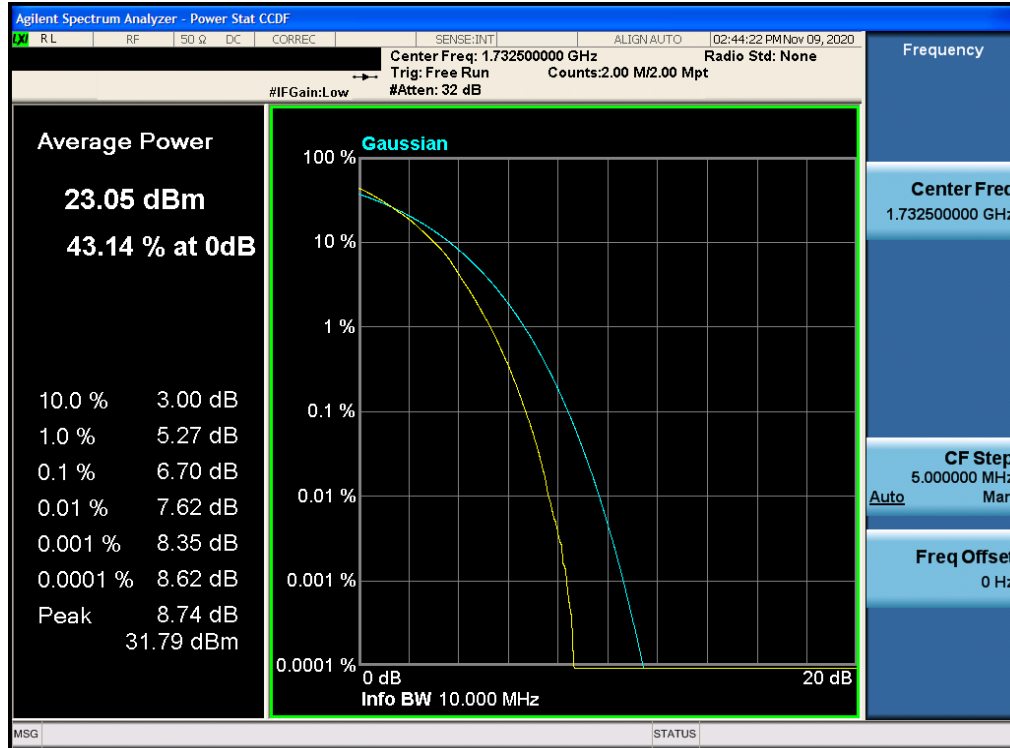
Plot 7-305. PAR Plot (LTE Band 4 - 10MHz QPSK - Full RB Configuration)



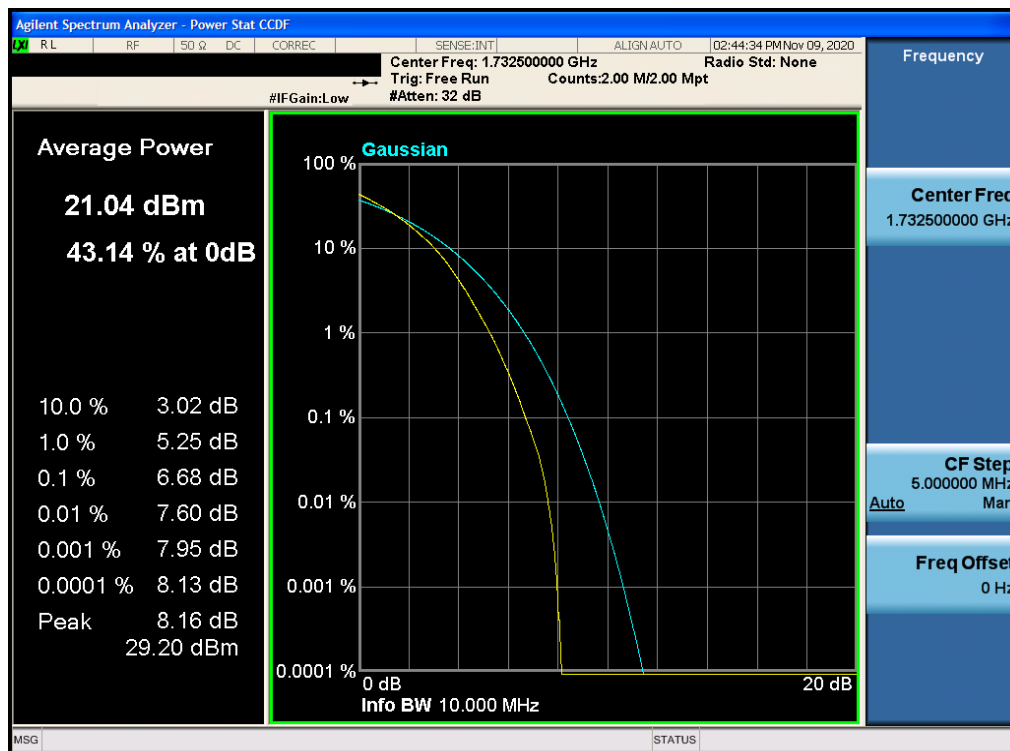
Plot 7-306. PAR Plot (LTE Band 4 - 10MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 178 of 267



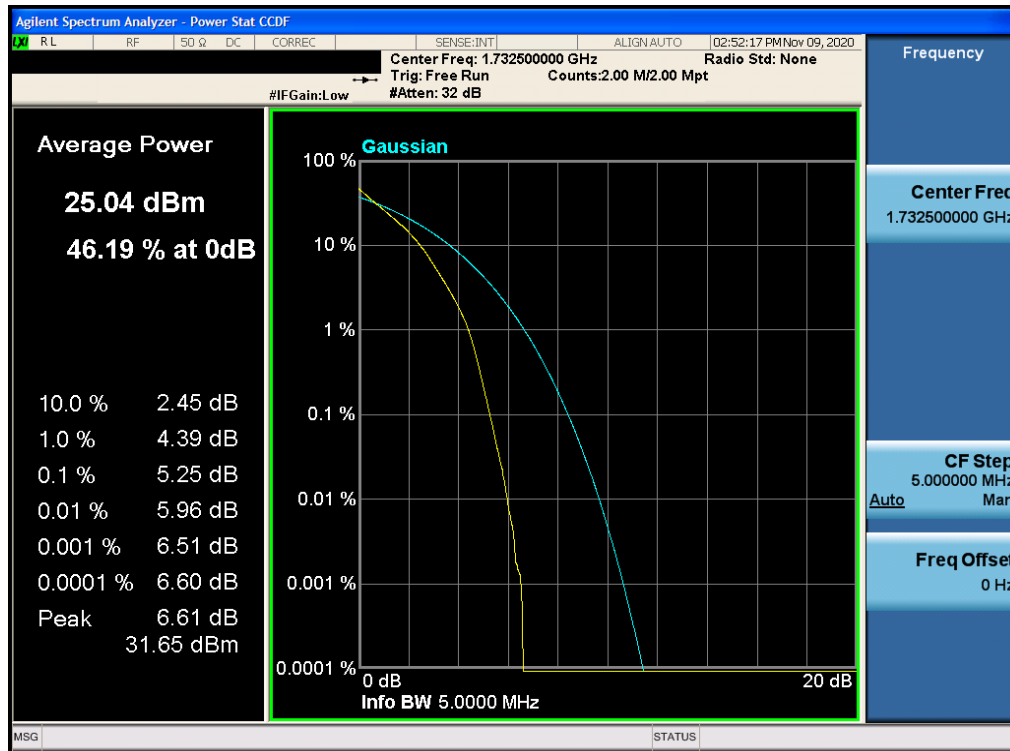


Plot 7-307. PAR Plot (LTE Band 4 - 10MHz 64-QAM - Full RB Configuration)

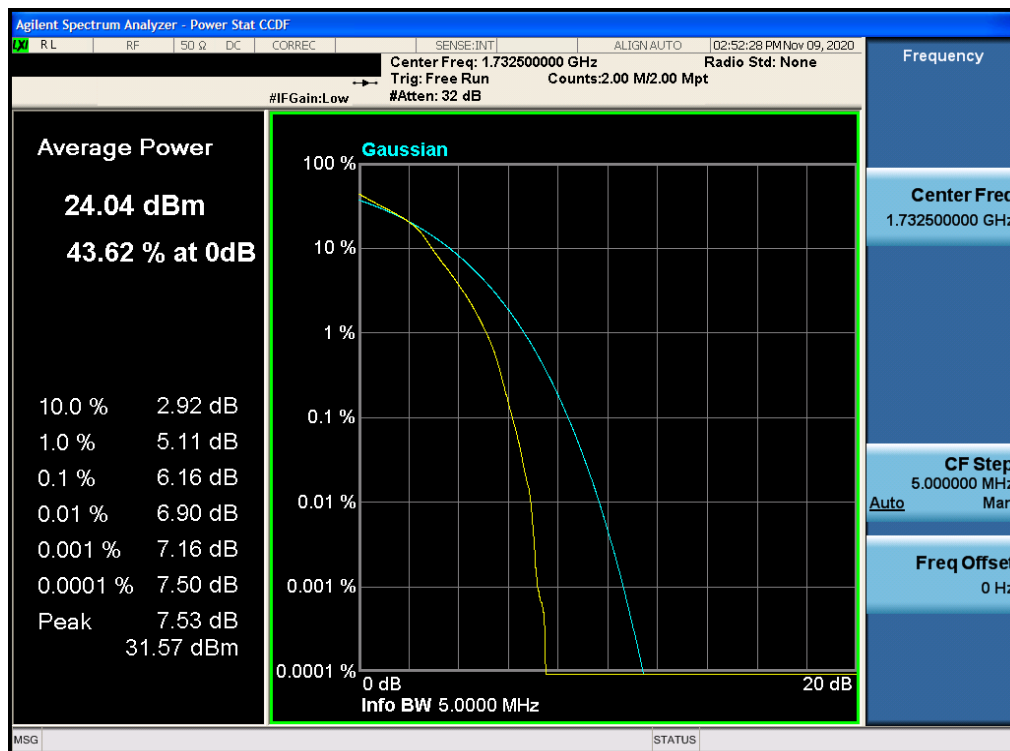


Plot 7-308. PAR Plot (LTE Band 4 - 10MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 179 of 267

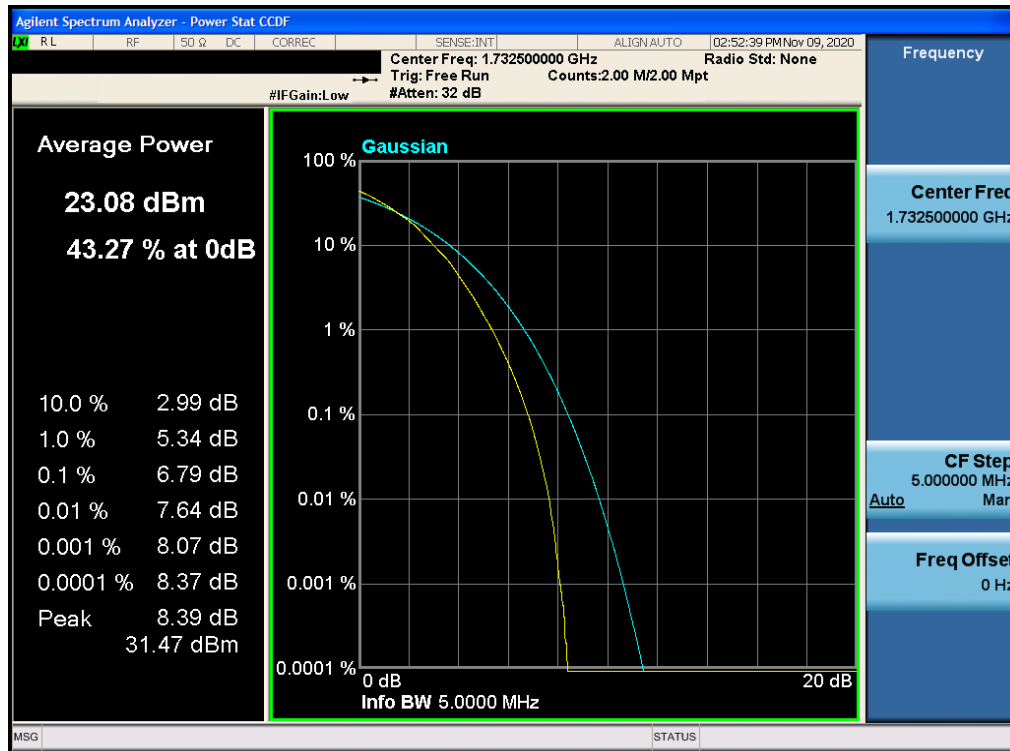


Plot 7-309. PAR Plot (LTE Band 4 - 5MHz QPSK - Full RB Configuration)

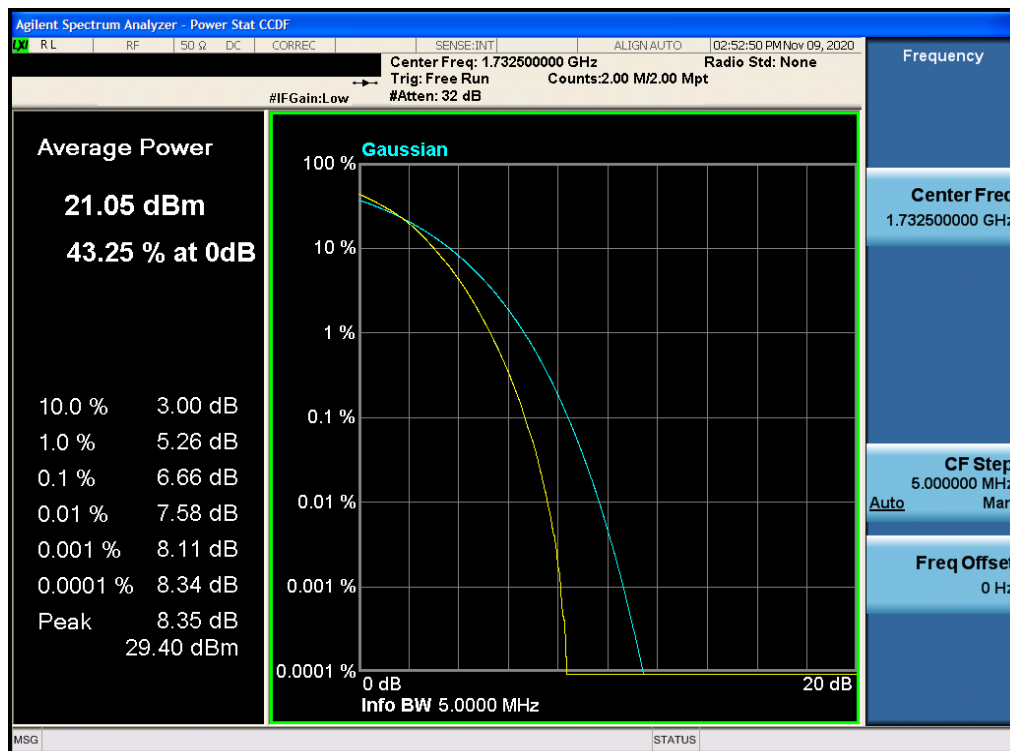


Plot 7-310. PAR Plot (LTE Band 4 - 5MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 180 of 267

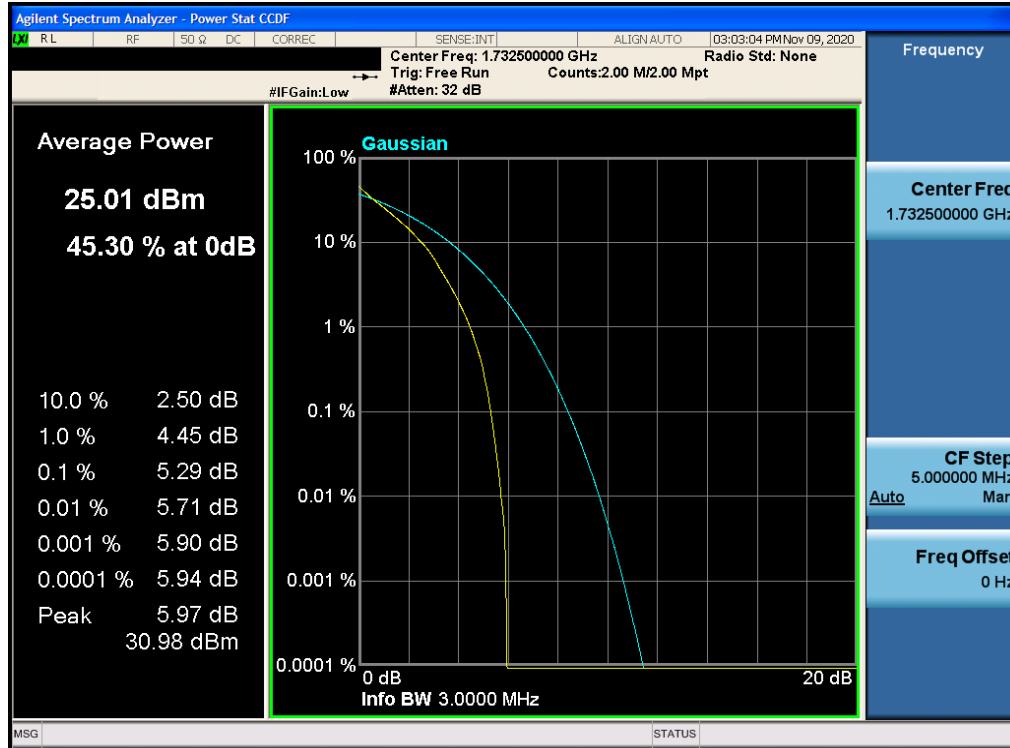


Plot 7-311. PAR Plot (LTE Band 4 - 5MHz 64-QAM - Full RB Configuration)

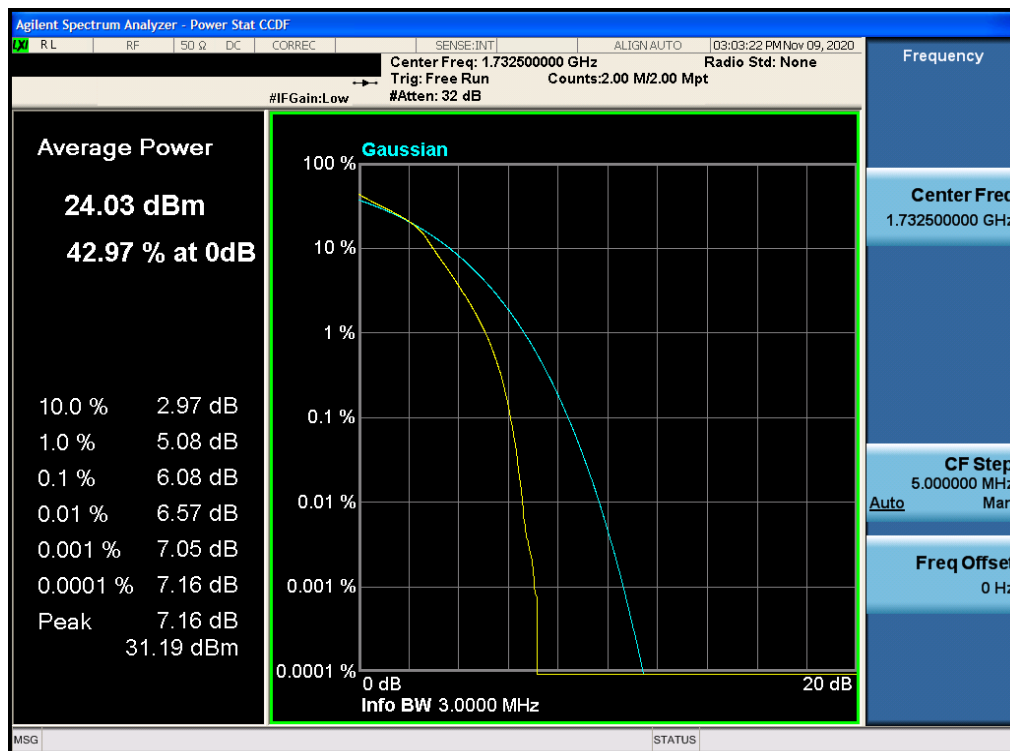


Plot 7-312. PAR Plot (LTE Band 4 - 5MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 181 of 267



Plot 7-313. PAR Plot (LTE Band 4 - 3MHz QPSK - Full RB Configuration)



Plot 7-314. PAR Plot (LTE Band 4 - 3MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2379	<b>PCTEST</b> Proud to be part of element	PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2101020005-04-R1.BCG	Test Dates: 12/15/2020 - 02/20/2021	EUT Type: Tablet Device	Page 182 of 267