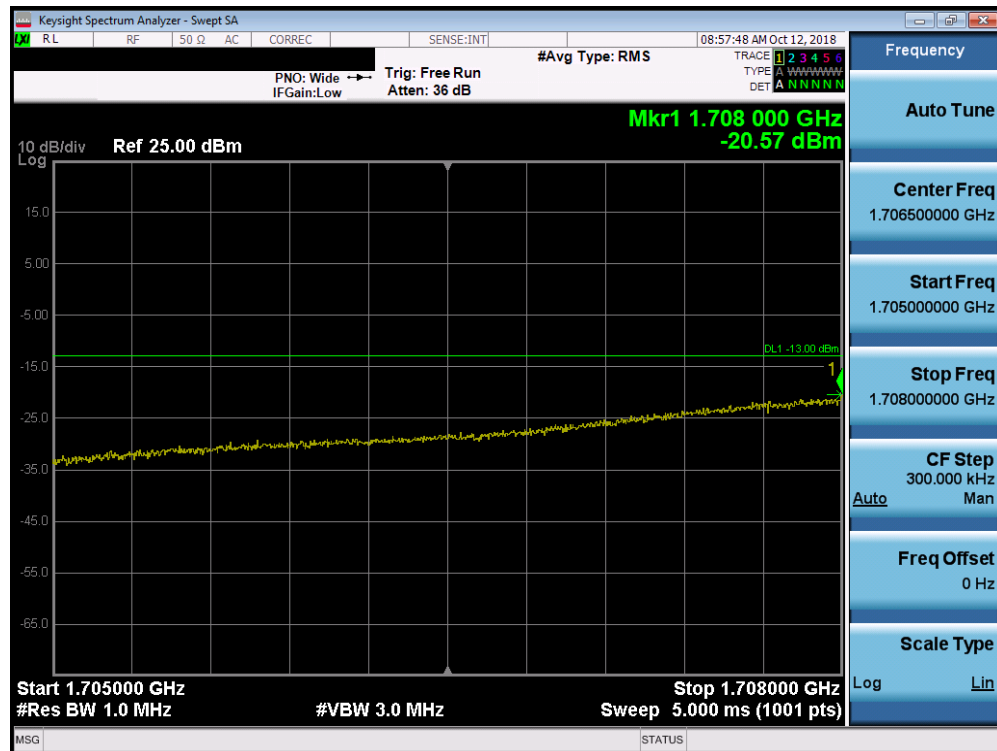
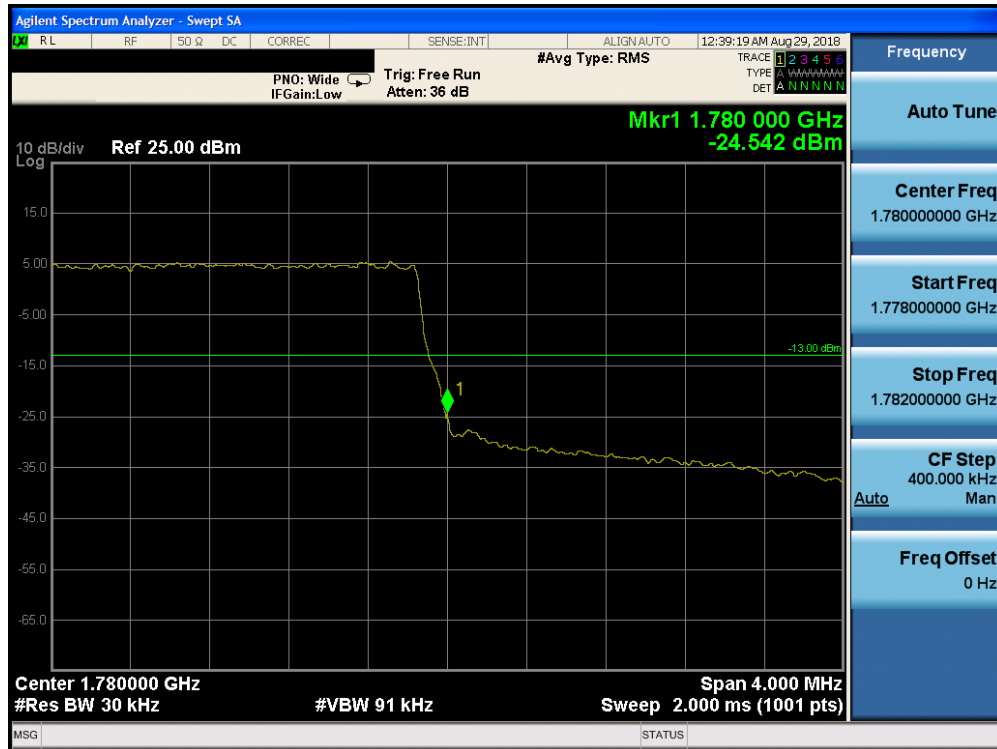


Plot 7-224. Lower Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)



Plot 7-225. Lower Extended Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT</b> (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 139 of 373

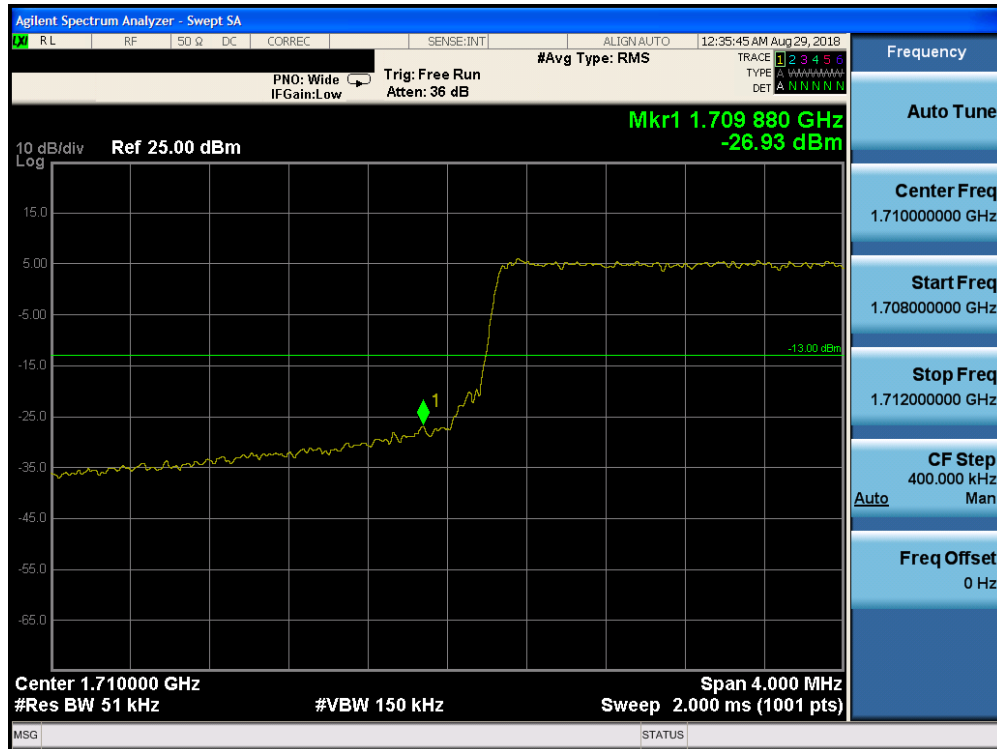


Plot 7-226. Upper Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

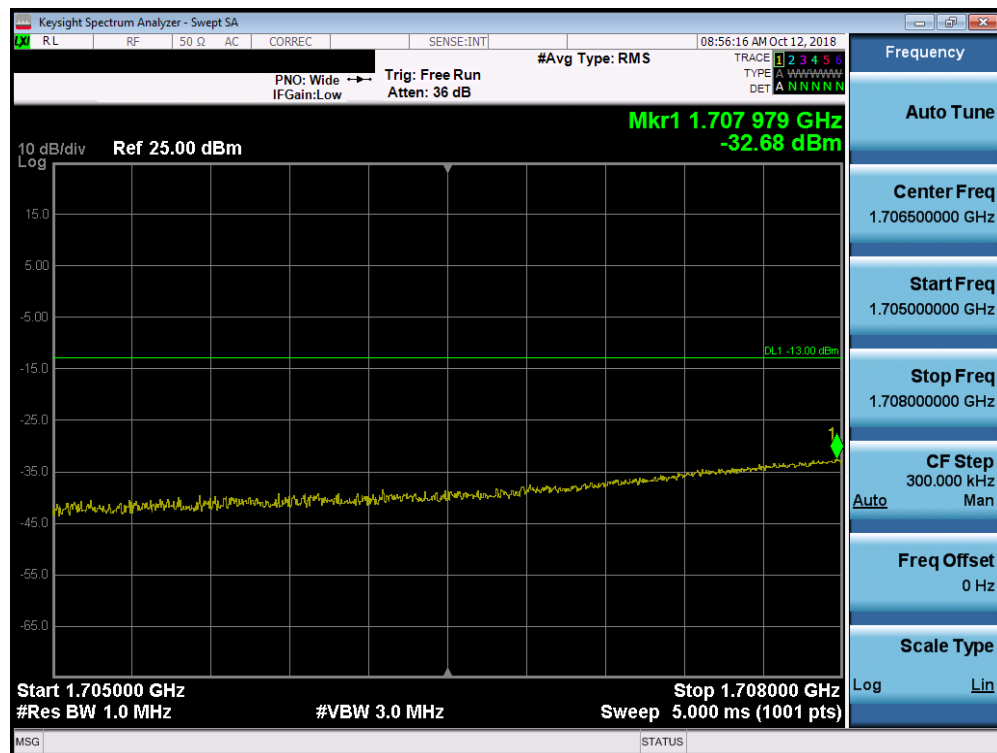


Plot 7-227. Upper Extended Band Edge Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 140 of 373

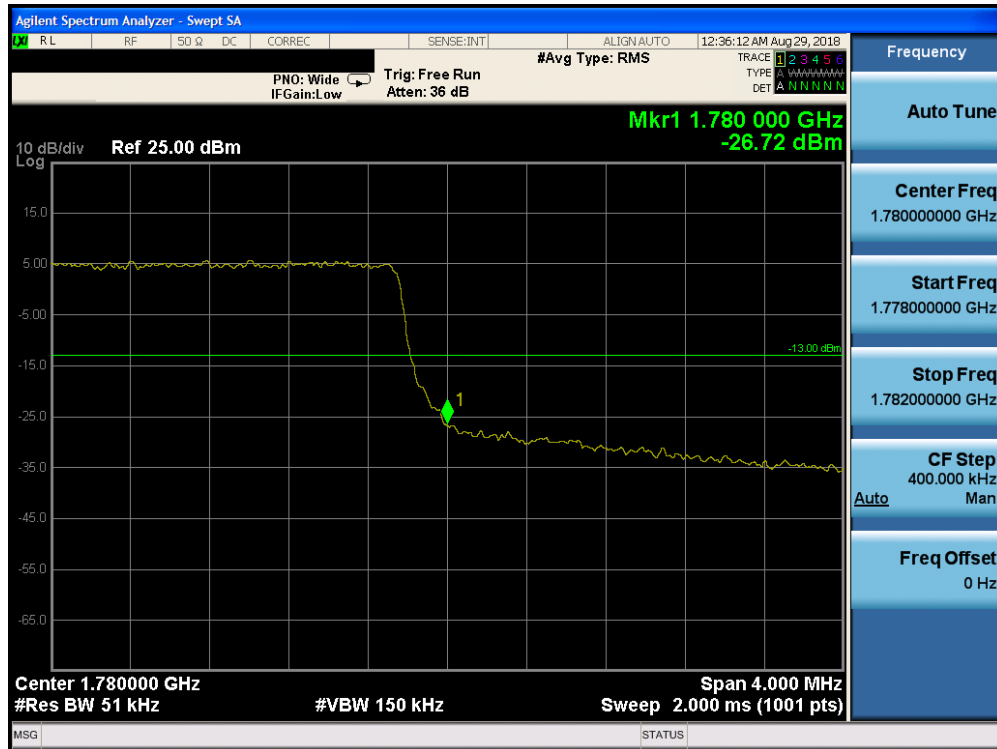


Plot 7-228. Lower Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)



Plot 7-229. Lower Extended Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 141 of 373

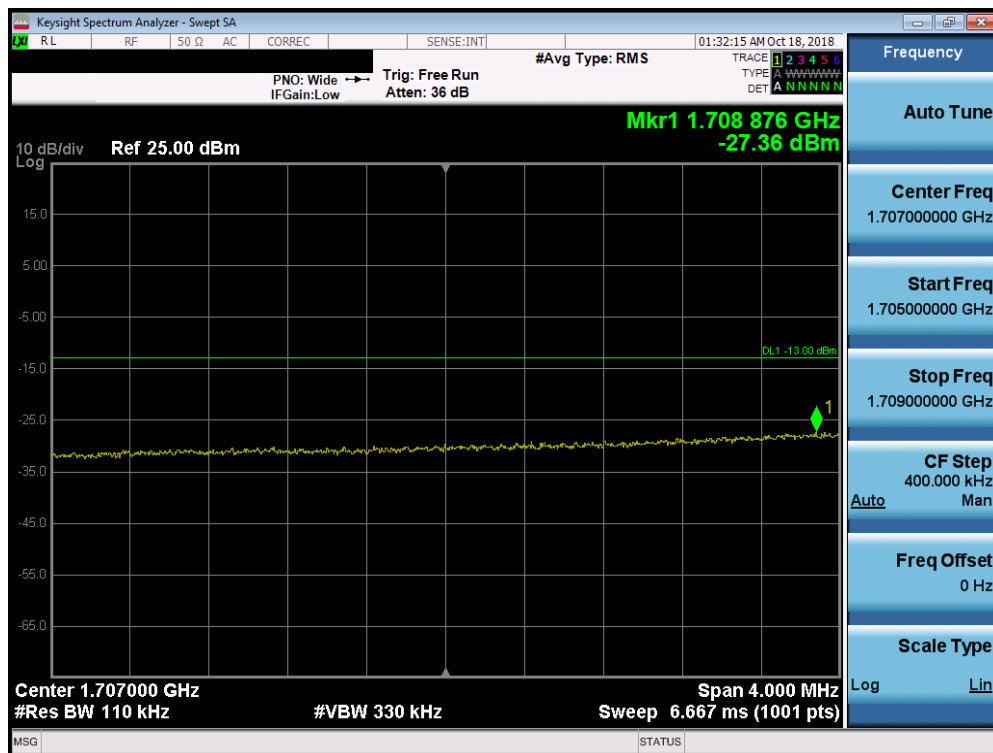
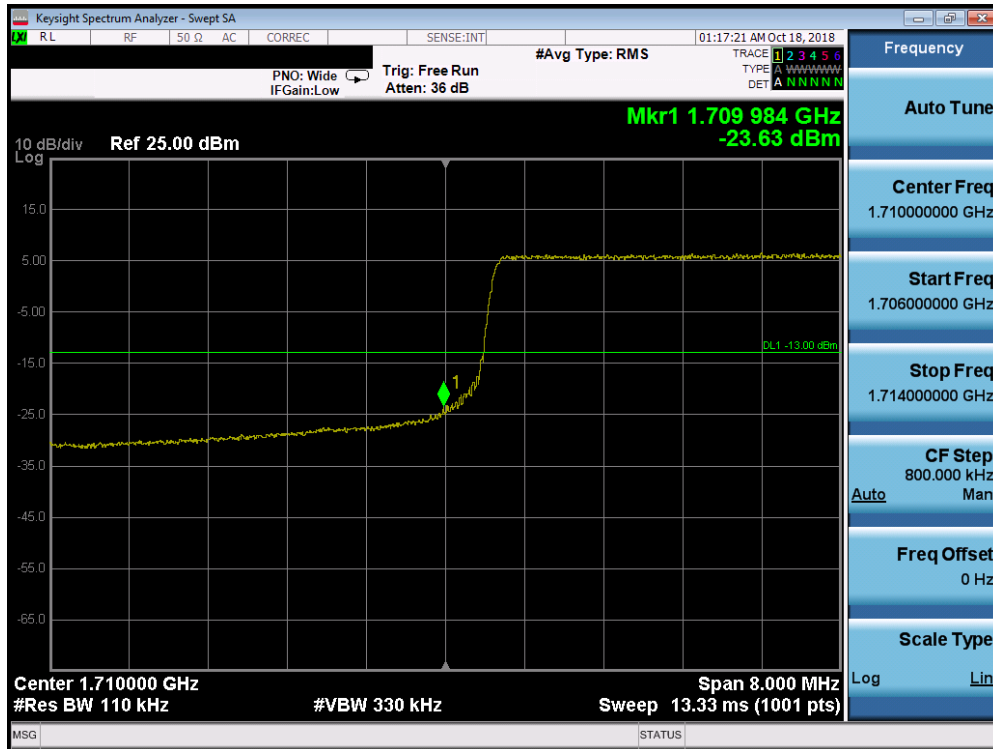


Plot 7-230. Upper Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)



Plot 7-231. Upper Extended Band Edge Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 142 of 373



FCC ID: BCGA1895	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Quality Manager
<b>Test Report S/N:</b> 1C1806220014-03-R1.BCG	<b>Test Dates:</b> 7/31-10/18/2018	<b>EUT Type:</b> Tablet Device	Page 143 of 373

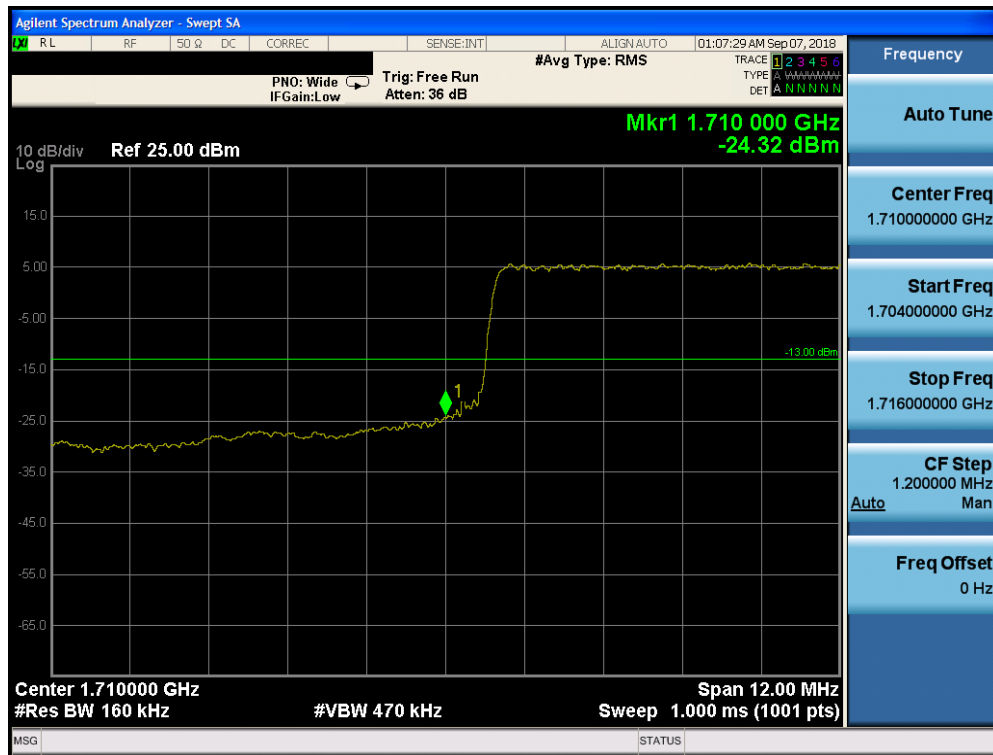


Plot 7-234. Upper Band Edge Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

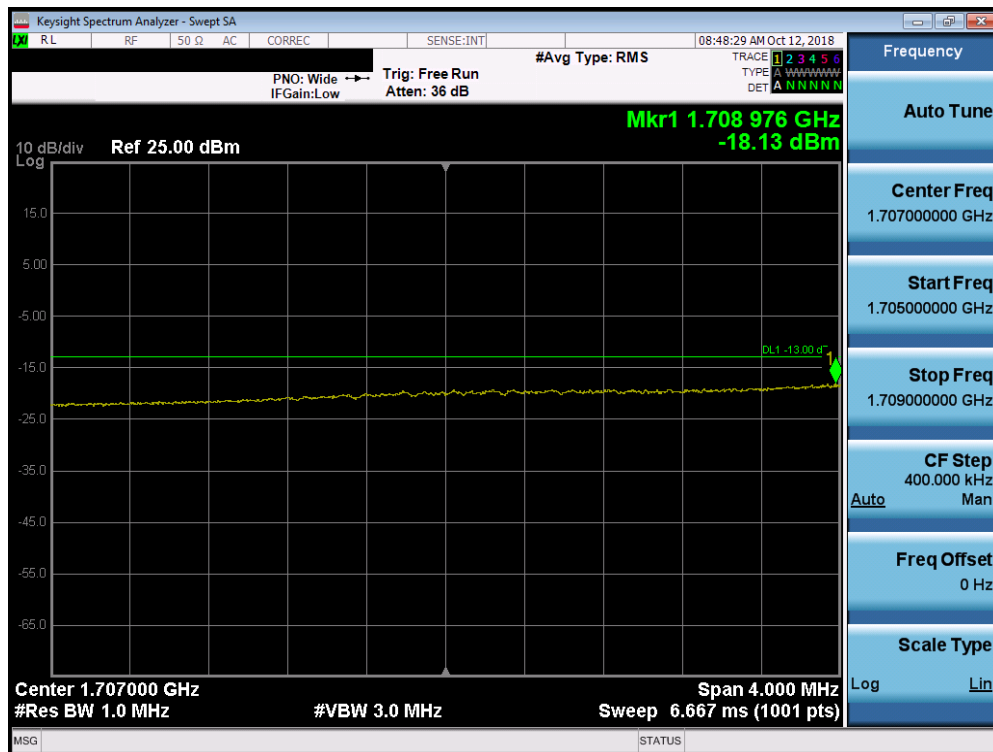


Plot 7-235. Upper Extended Band Edge Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 144 of 373



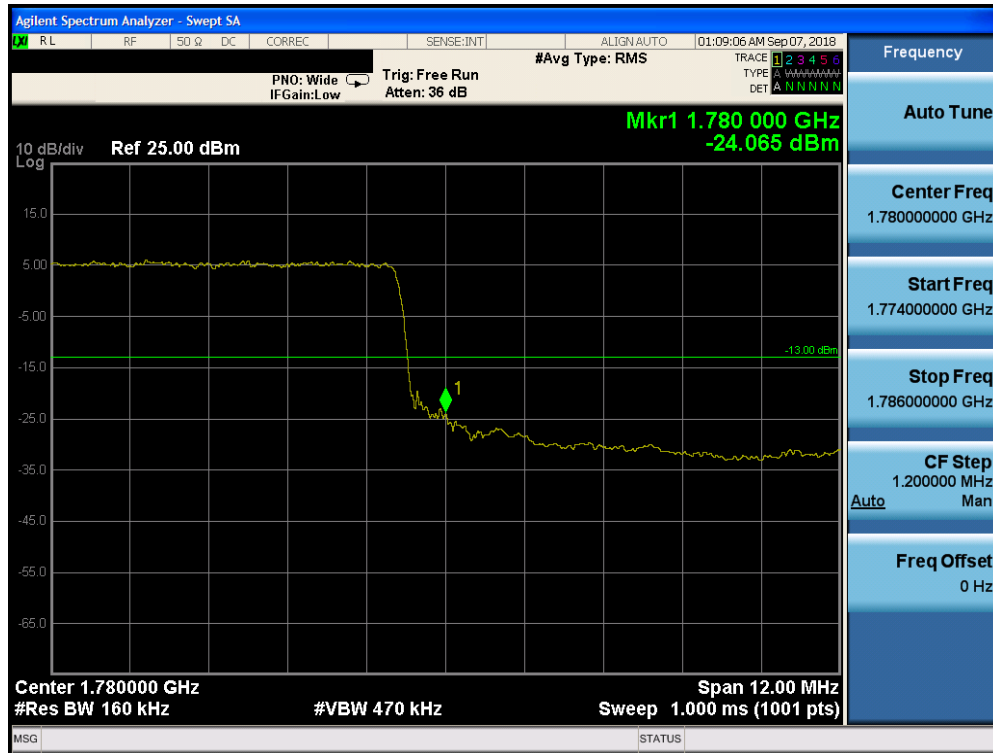
Plot 7-236. Lower Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)



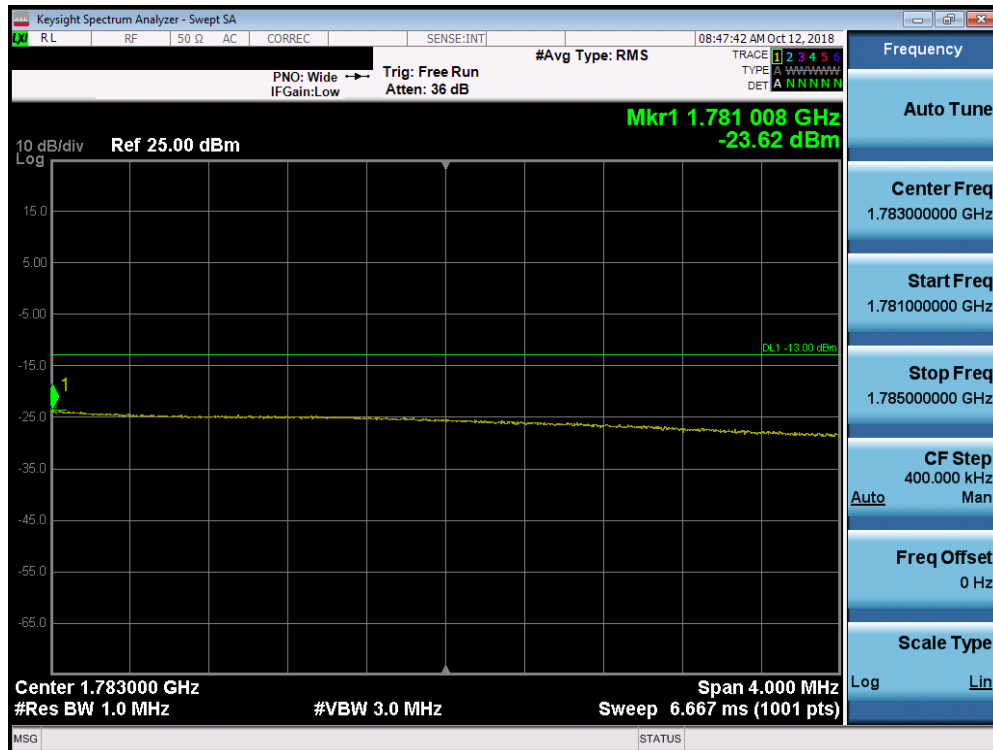
Plot 7-237. Lower Extended Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 145 of 373





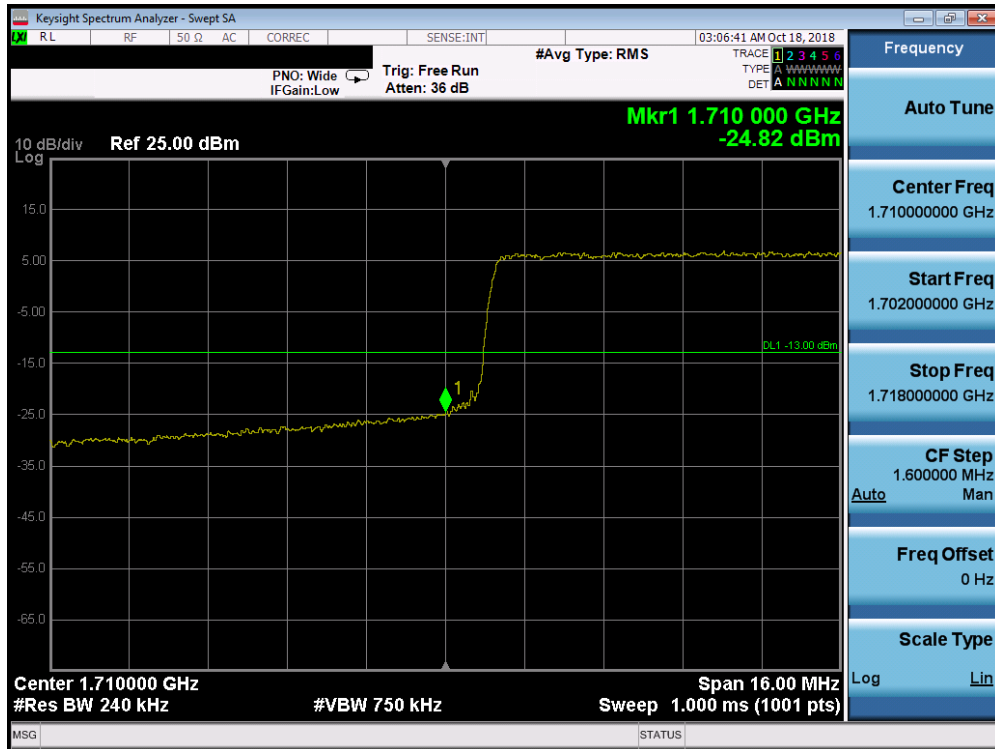
Plot 7-238. Upper Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)



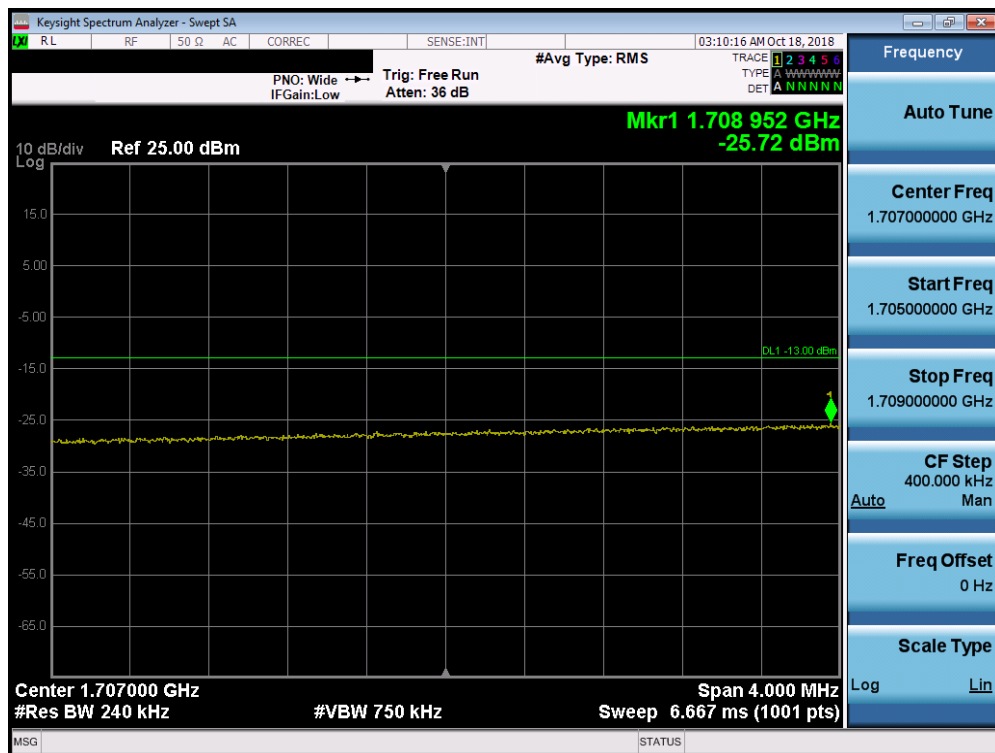
Plot 7-239. Upper Extended Band Edge Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 146 of 373



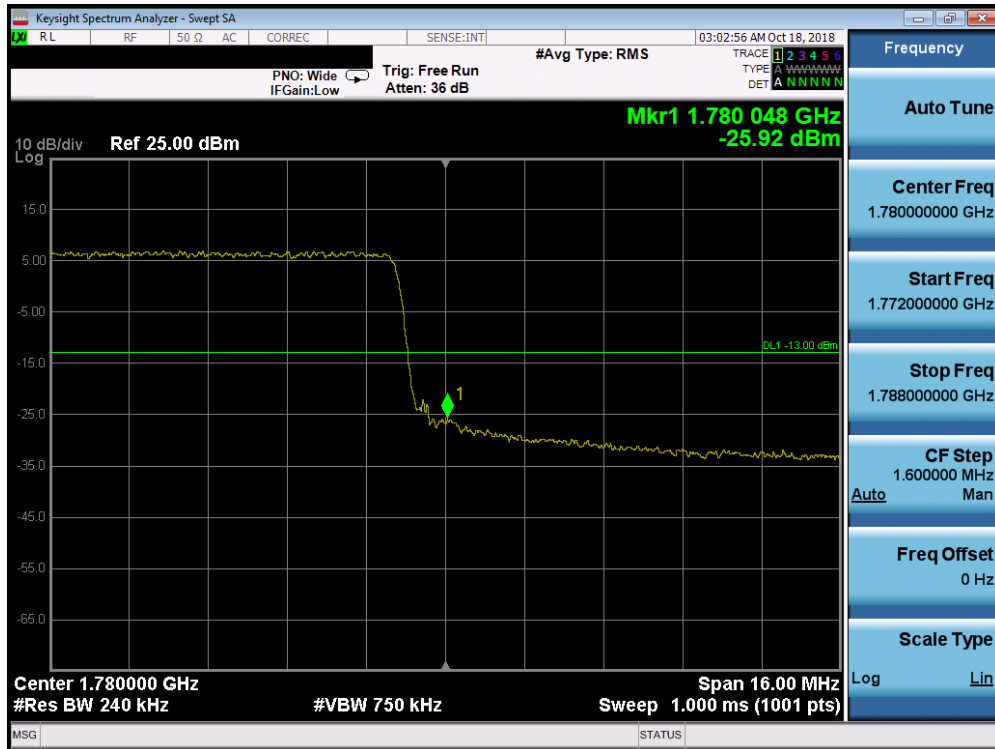


Plot 7-240. Lower Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

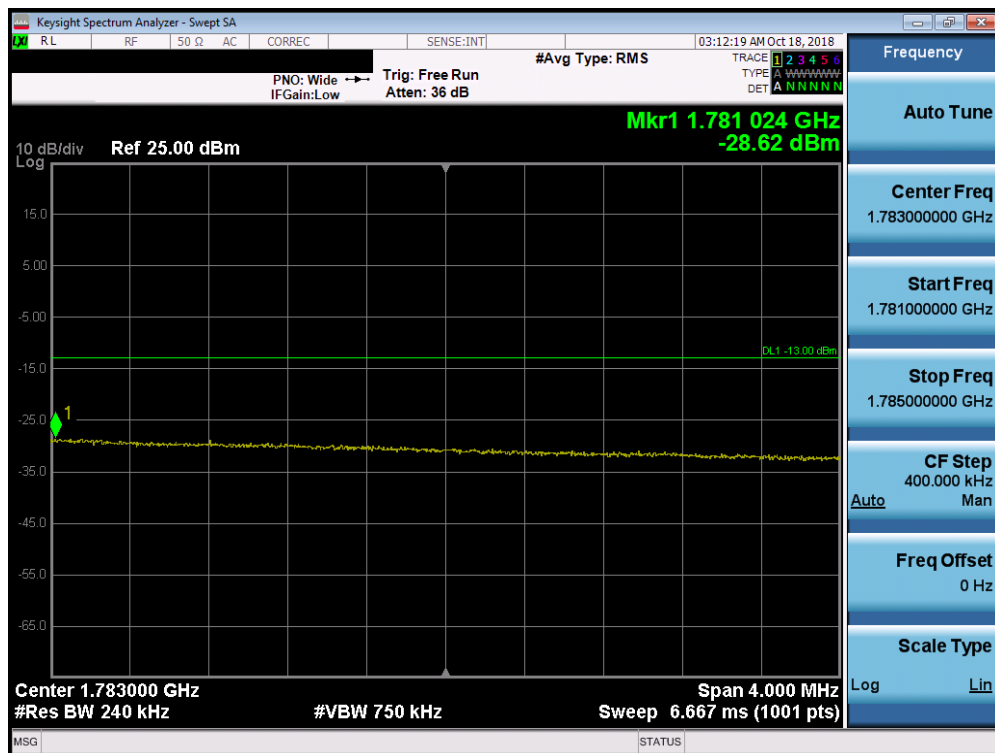


Plot 7-241. Lower Extended Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-242. Upper Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)



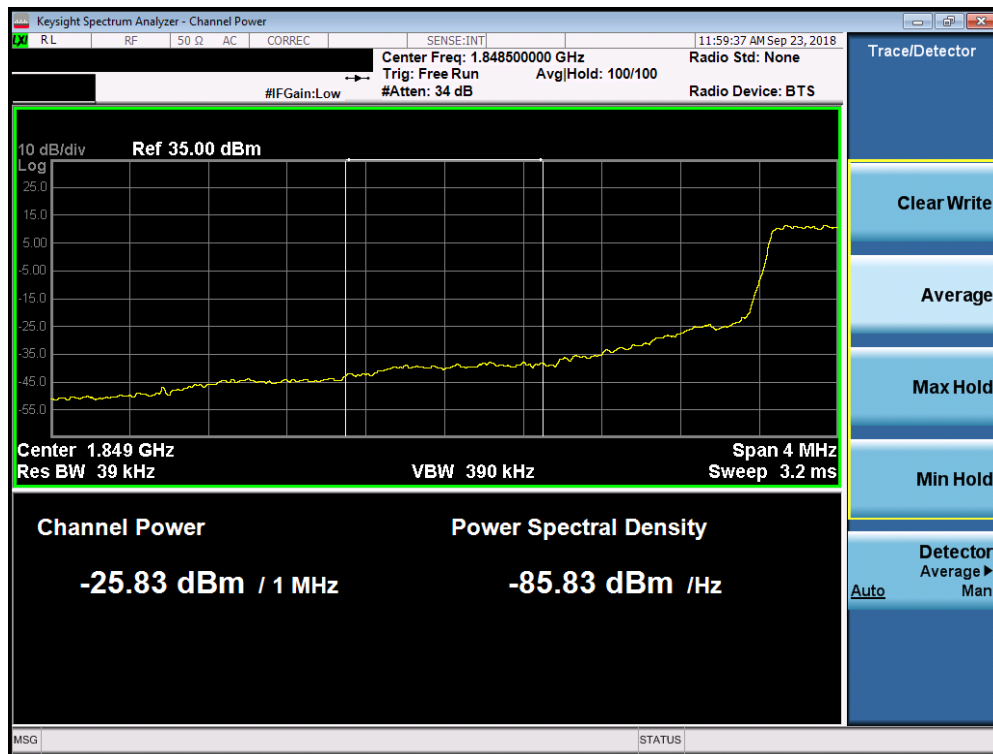
Plot 7-243. Upper Extended Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 148 of 373

## Band 2



Plot 7-244. Lower Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

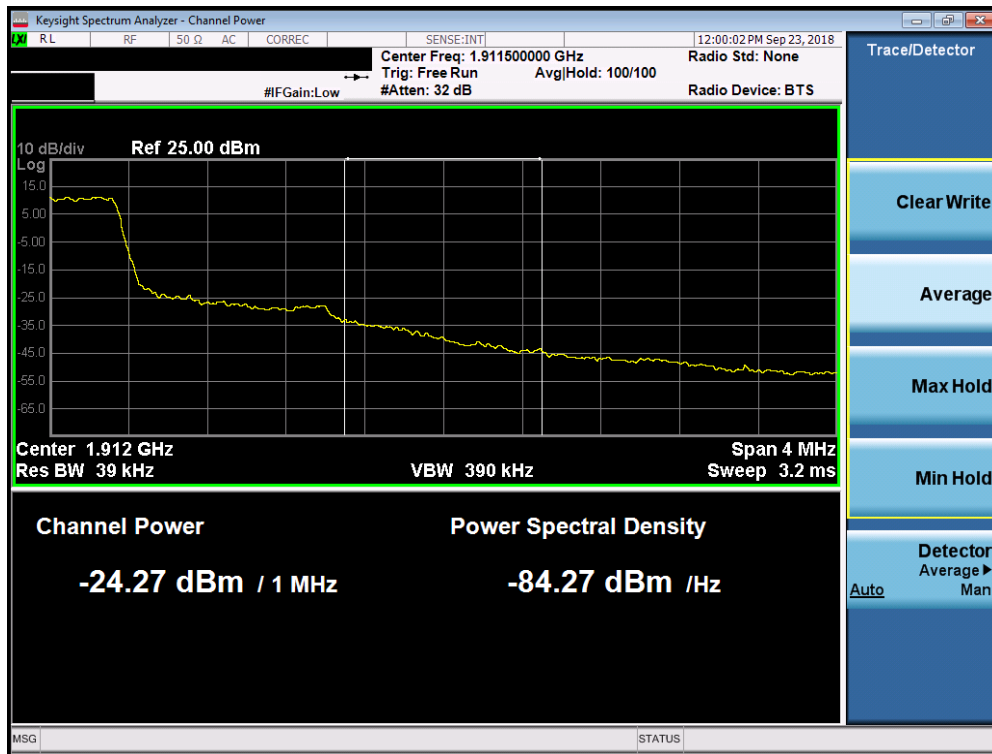


Plot 7-245. Lower Extended Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 149 of 373

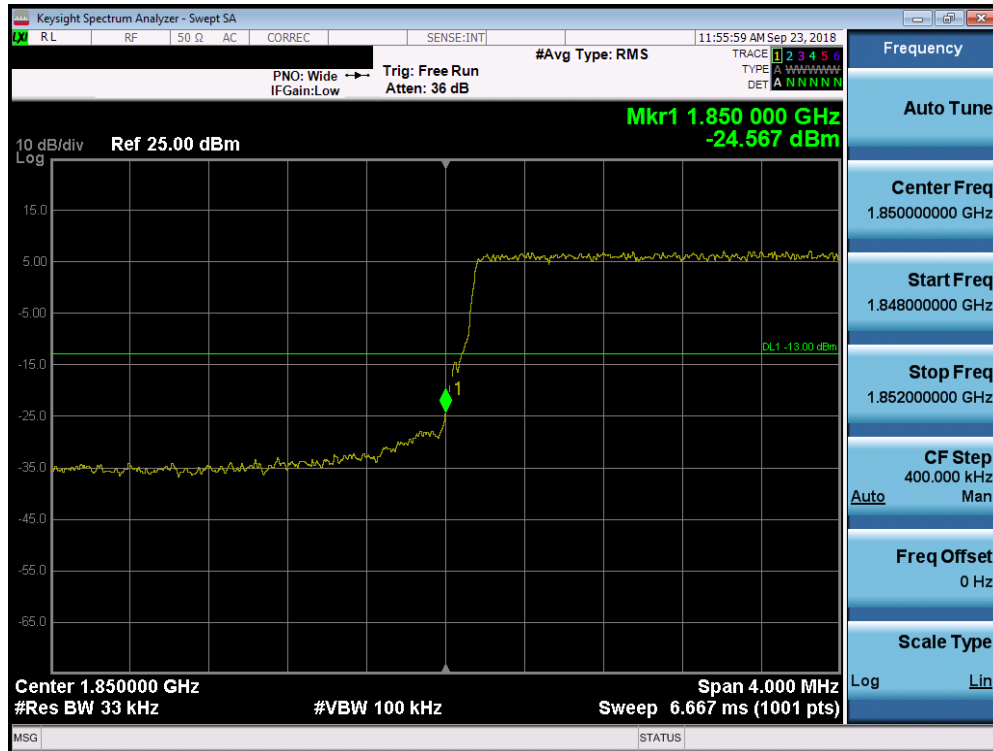


Plot 7-246. Upper Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

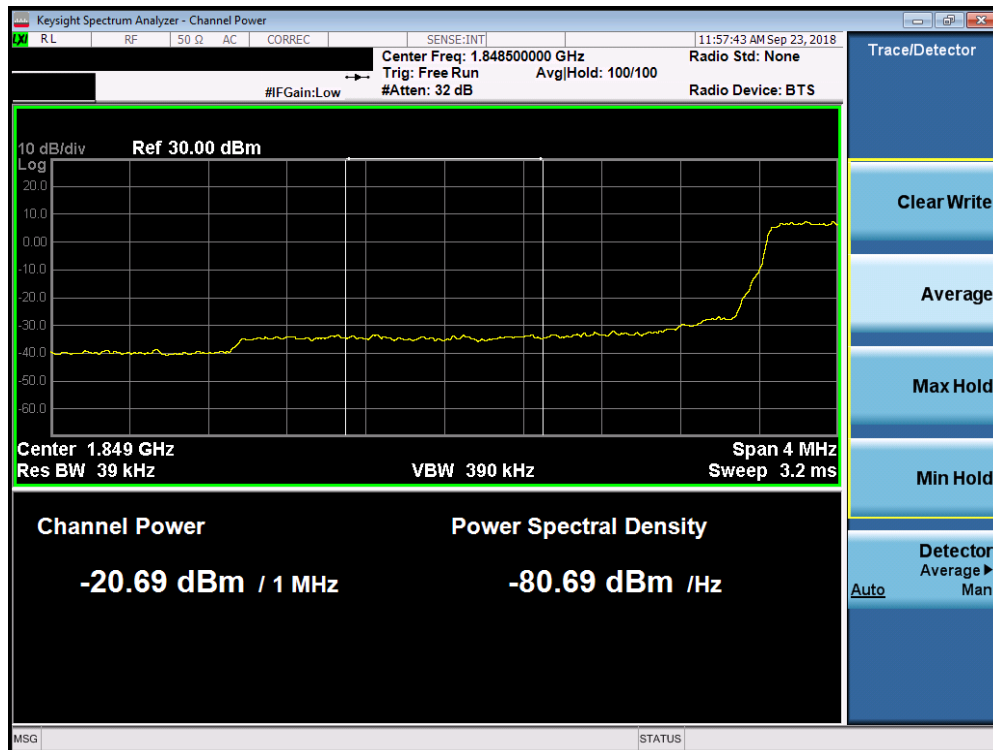


Plot 7-247. Upper Extended Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 150 of 373

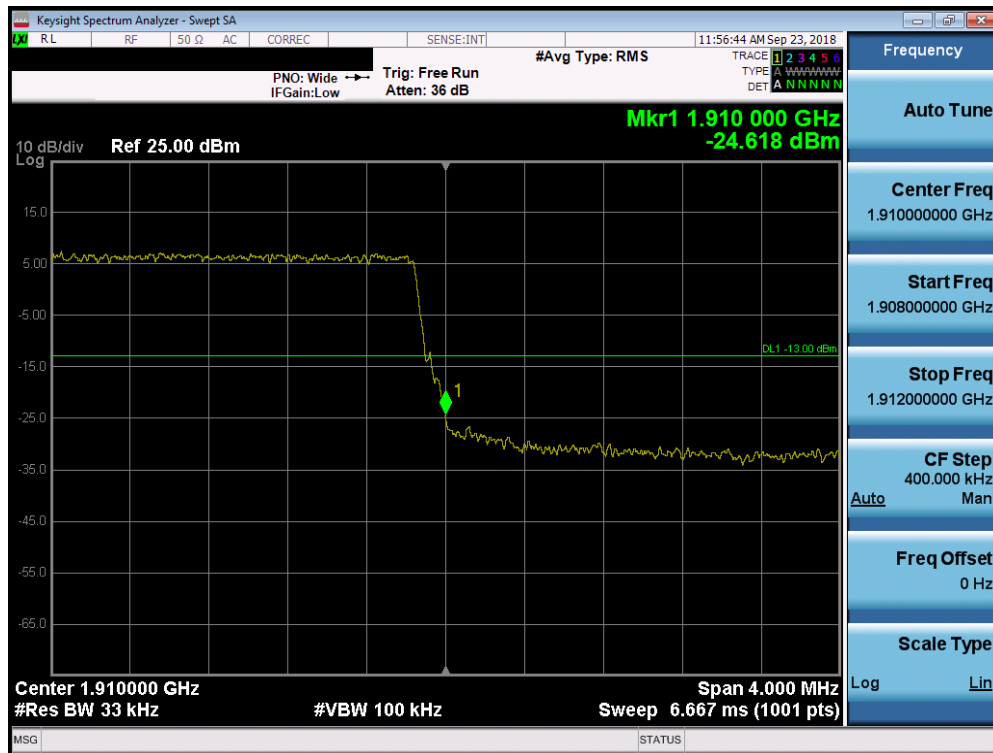


Plot 7-248. Lower Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

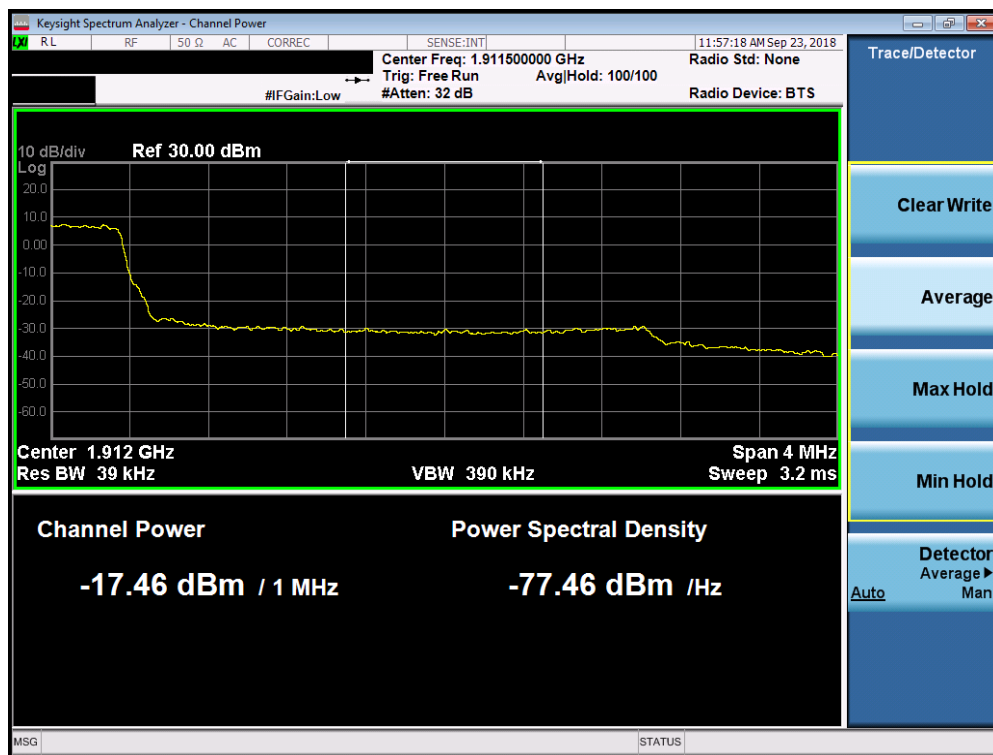


Plot 7-249. Lower Extended Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 151 of 373

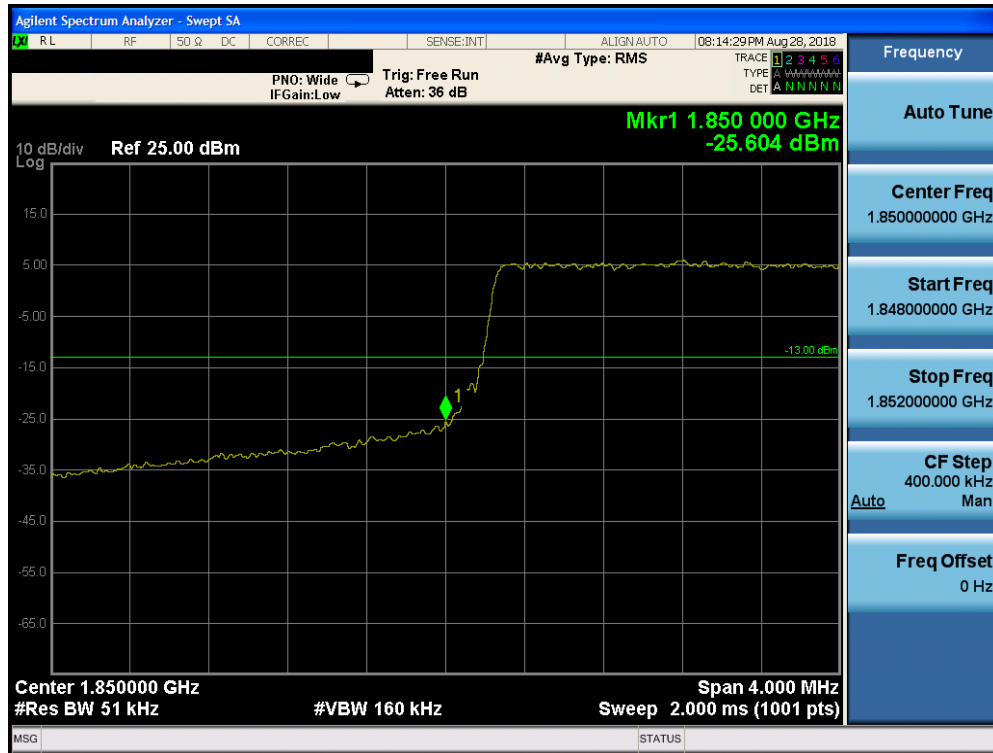


Plot 7-250. Upper Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

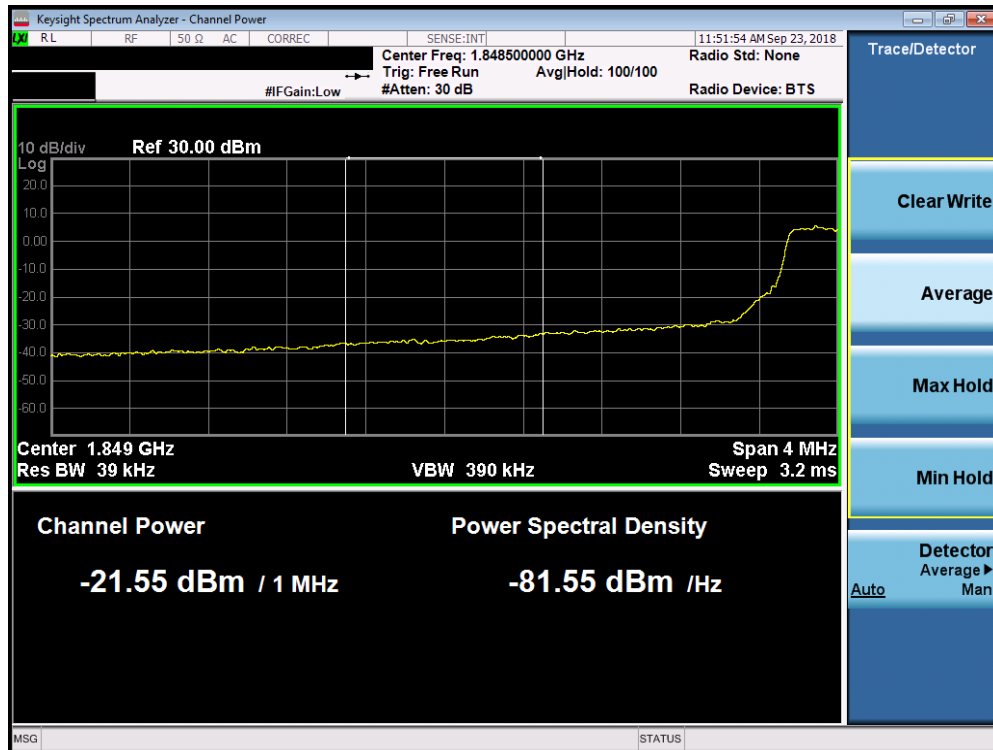


Plot 7-251. Upper Extended Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 152 of 373



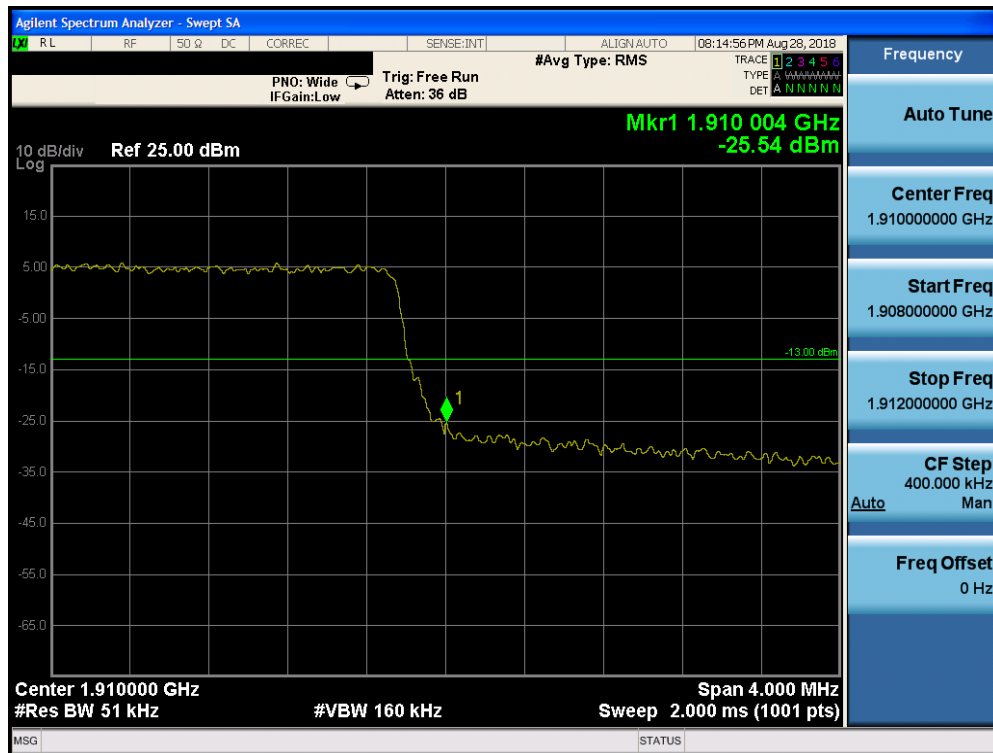
Plot 7-252. Lower Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)



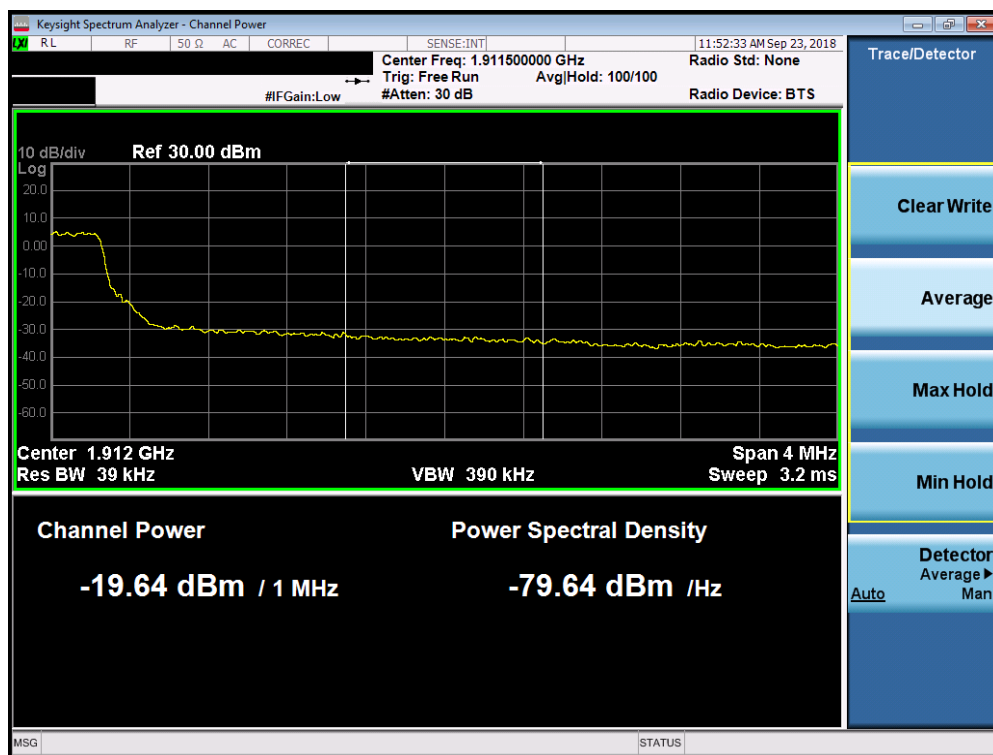
Plot 7-253. Lower Extended Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 153 of 373



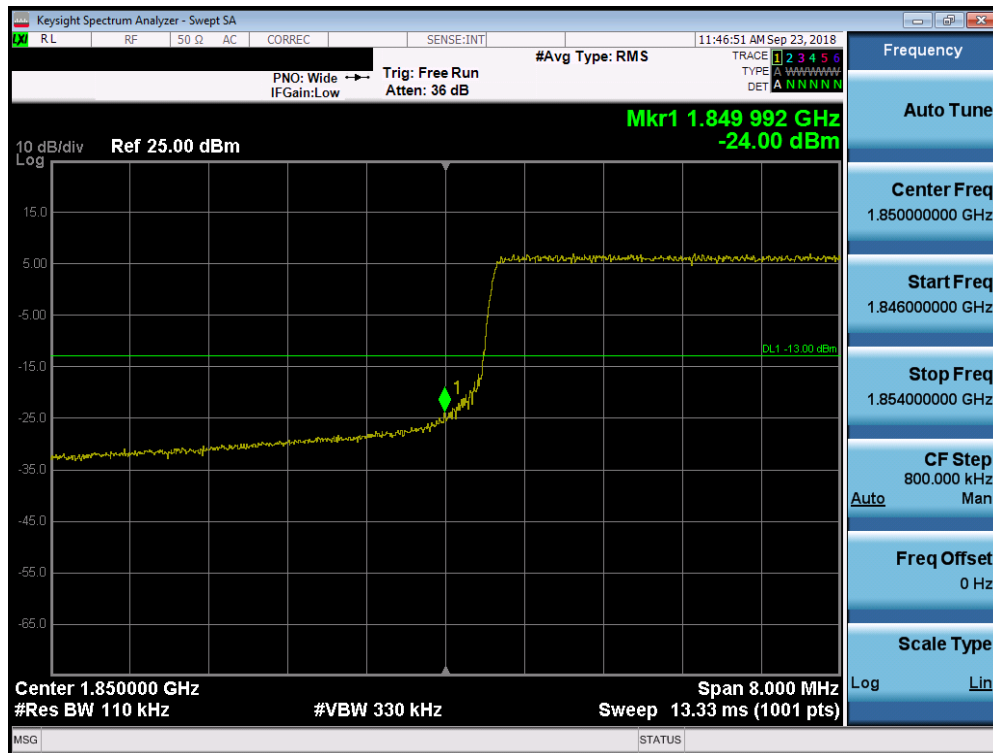


Plot 7-254. Upper Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

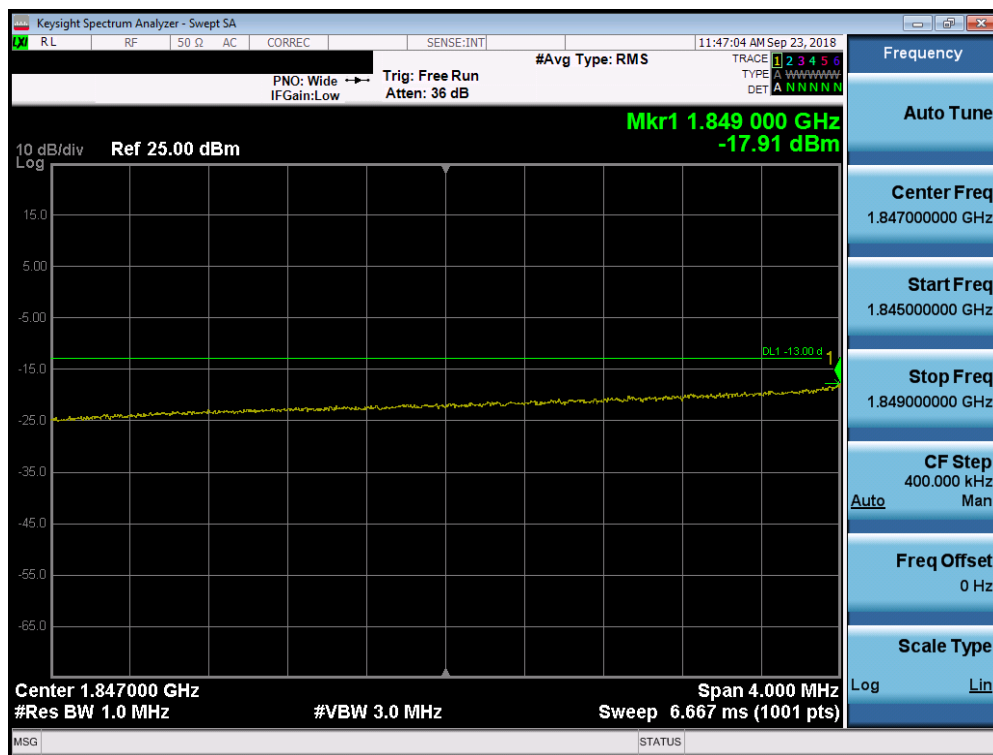


Plot 7-255. Upper Extended Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 154 of 373

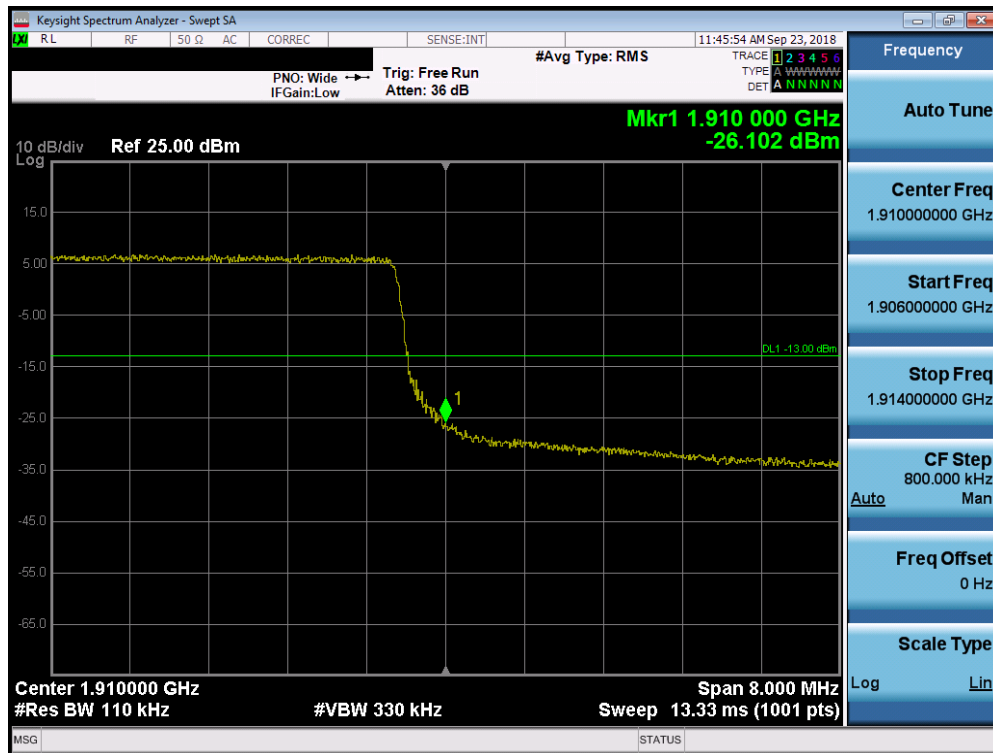


Plot 7-256. Lower Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

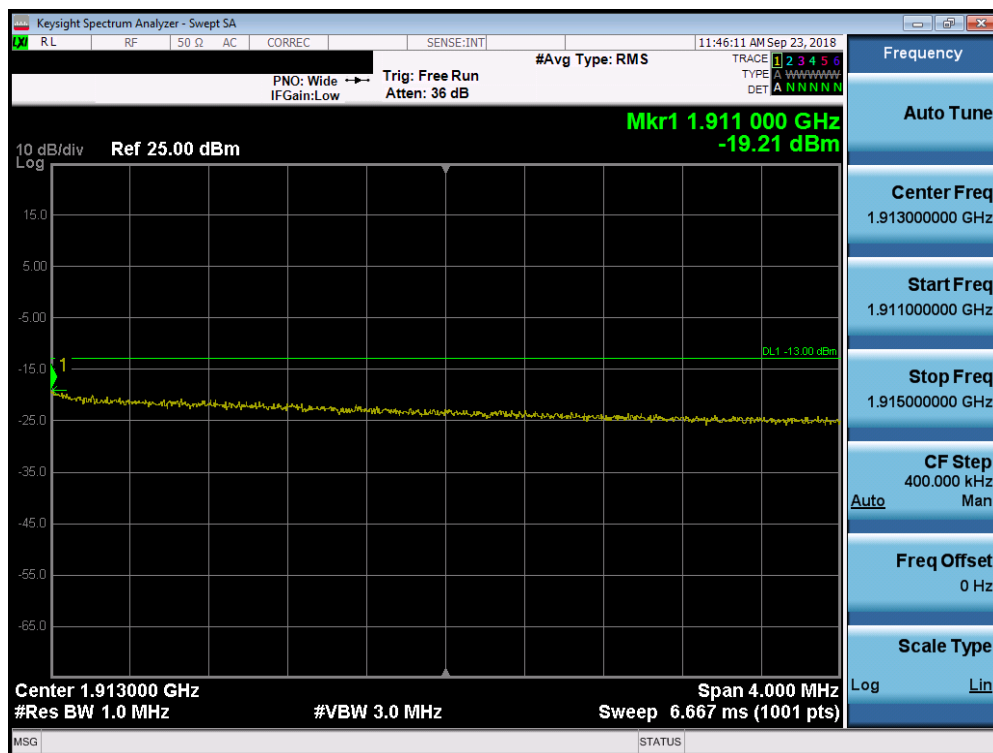


Plot 7-257. Lower Extended Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 155 of 373

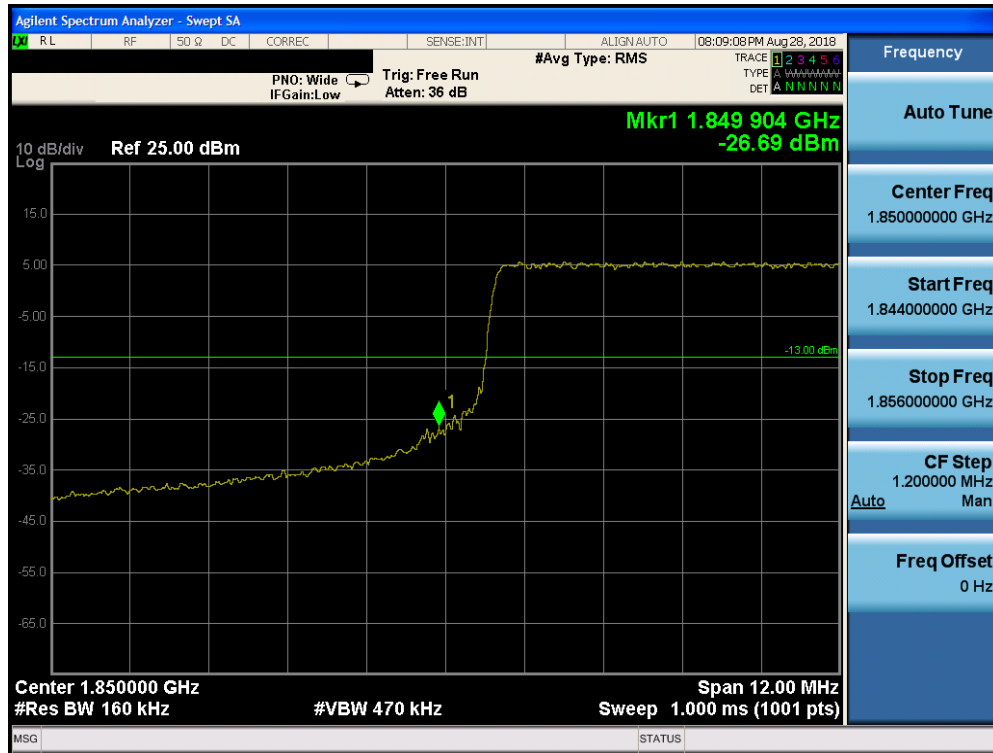


Plot 7-258. Upper Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

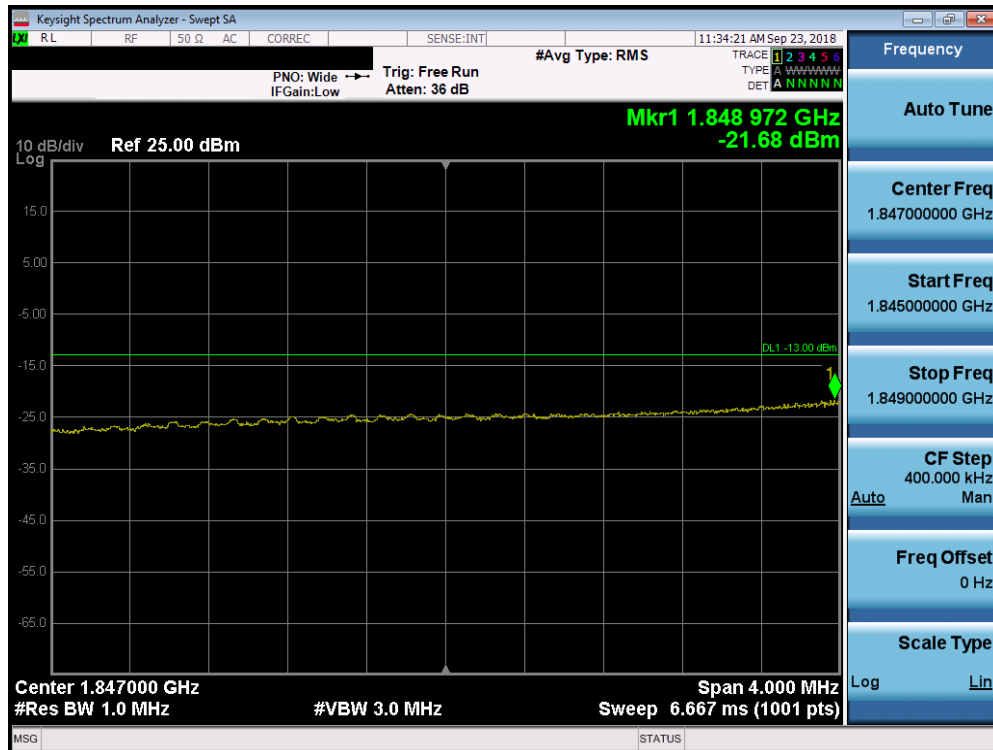


Plot 7-259. Upper Extended Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 156 of 373

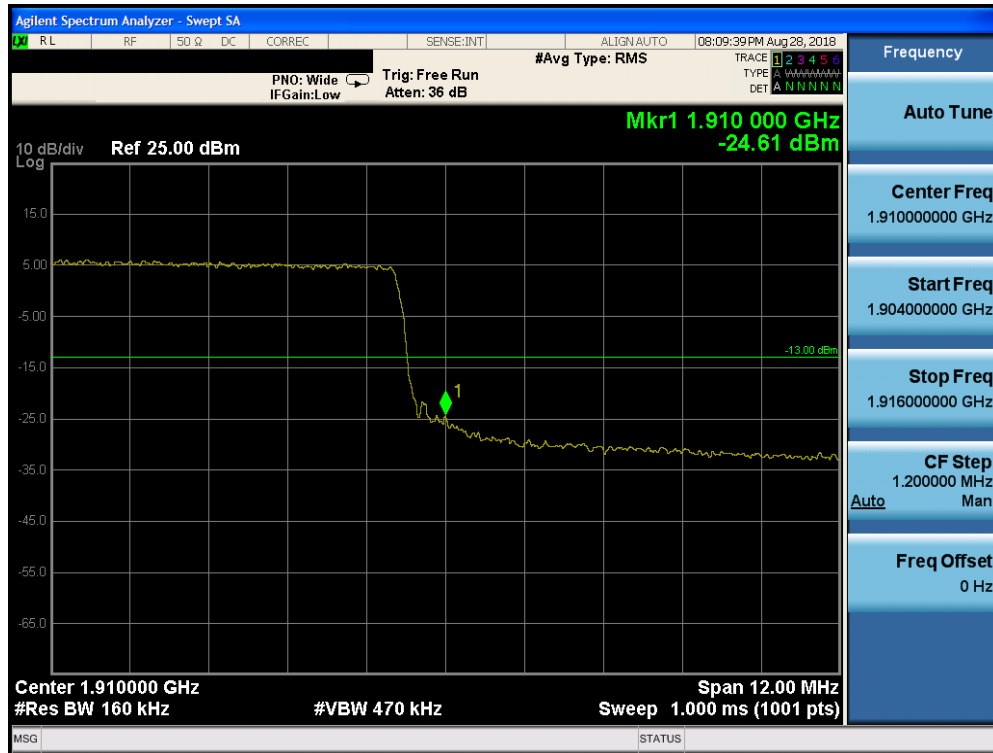


Plot 7-260. Lower Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

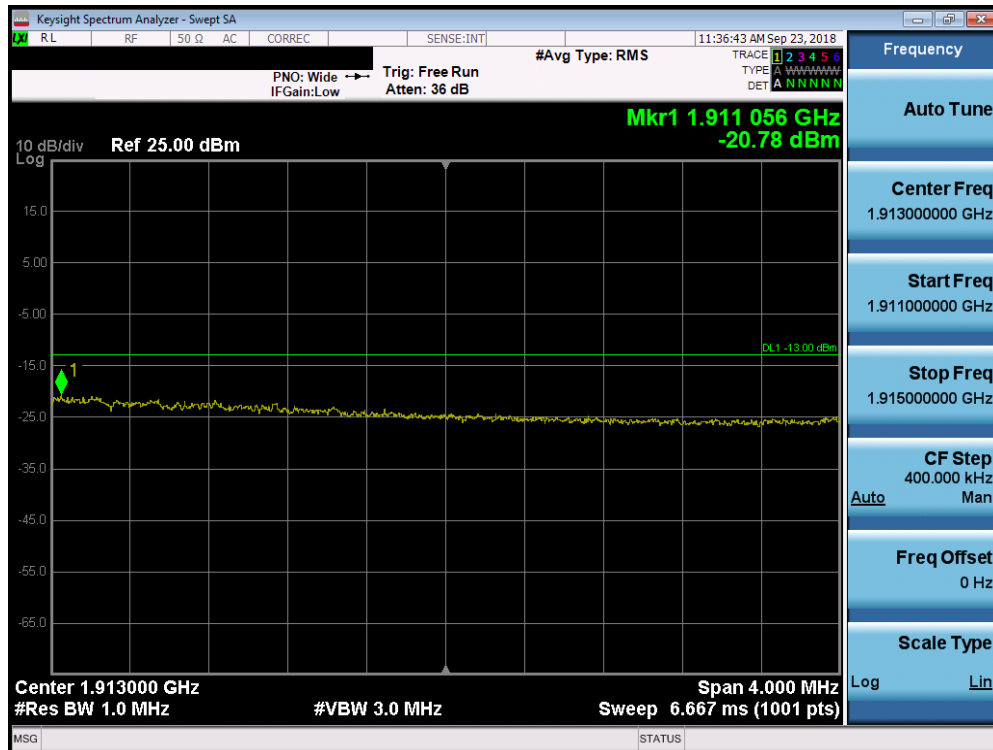


Plot 7-261. Lower Extended Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 157 of 373

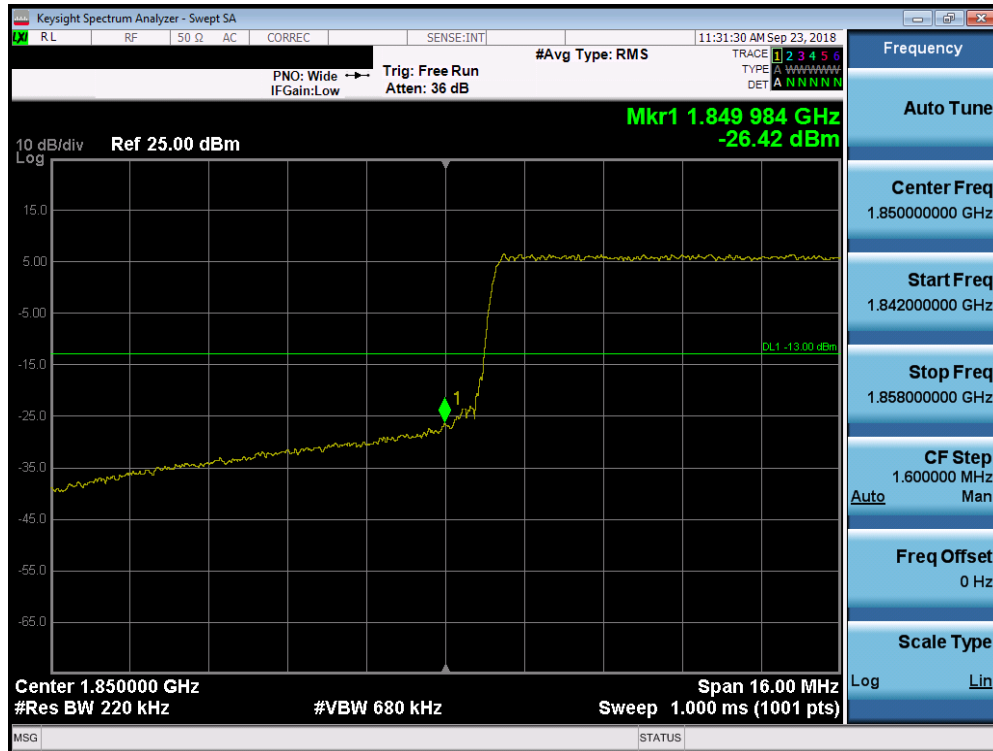


Plot 7-262. Upper Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

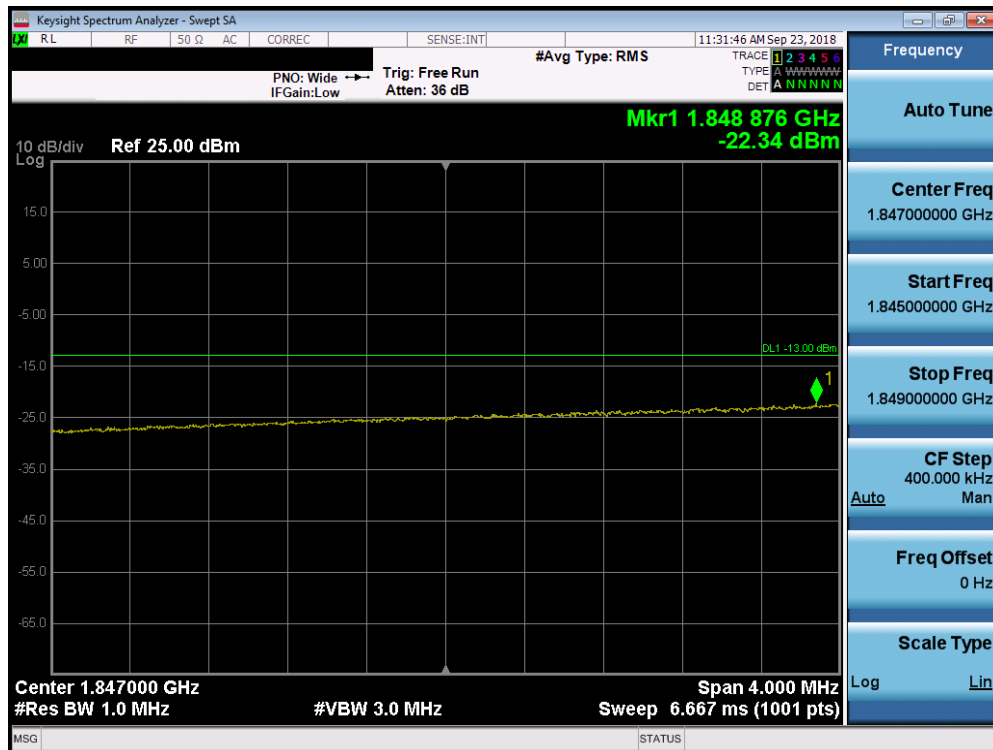


Plot 7-263. Upper Extended Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 158 of 373

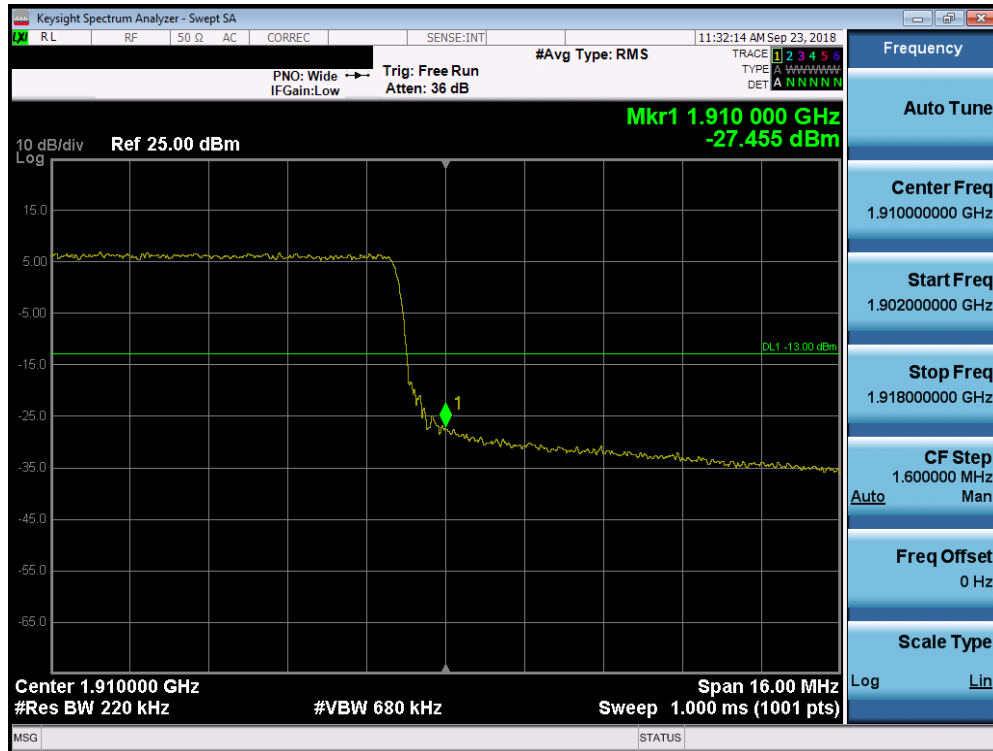


Plot 7-264. Lower Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

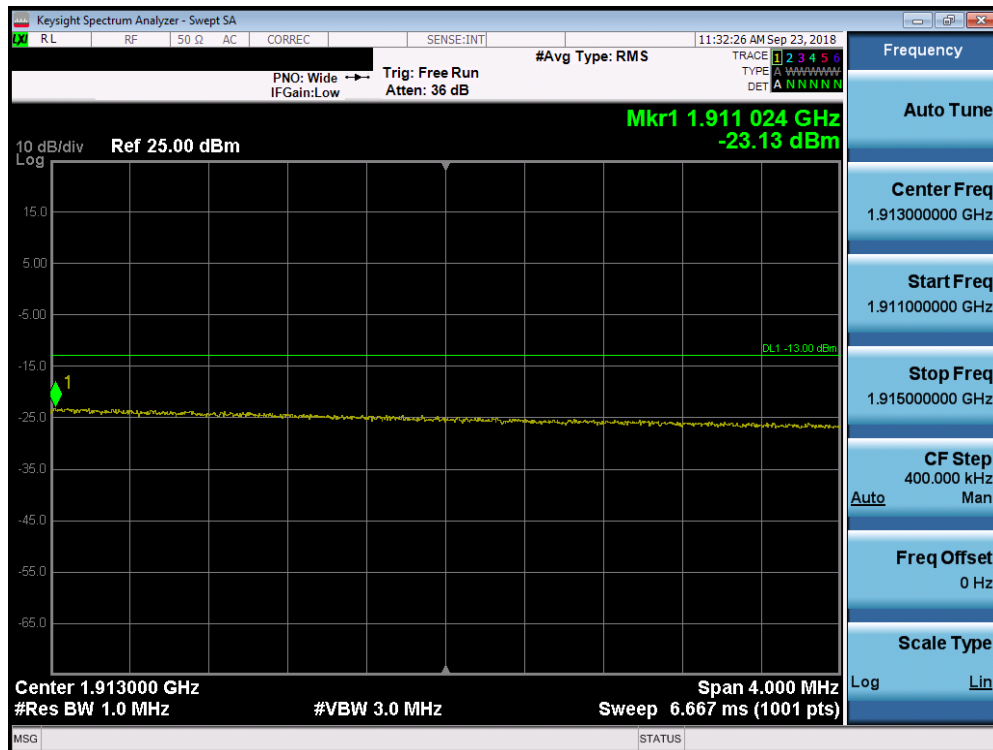


Plot 7-265. Lower Extended Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 159 of 373



Plot 7-266. Upper Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

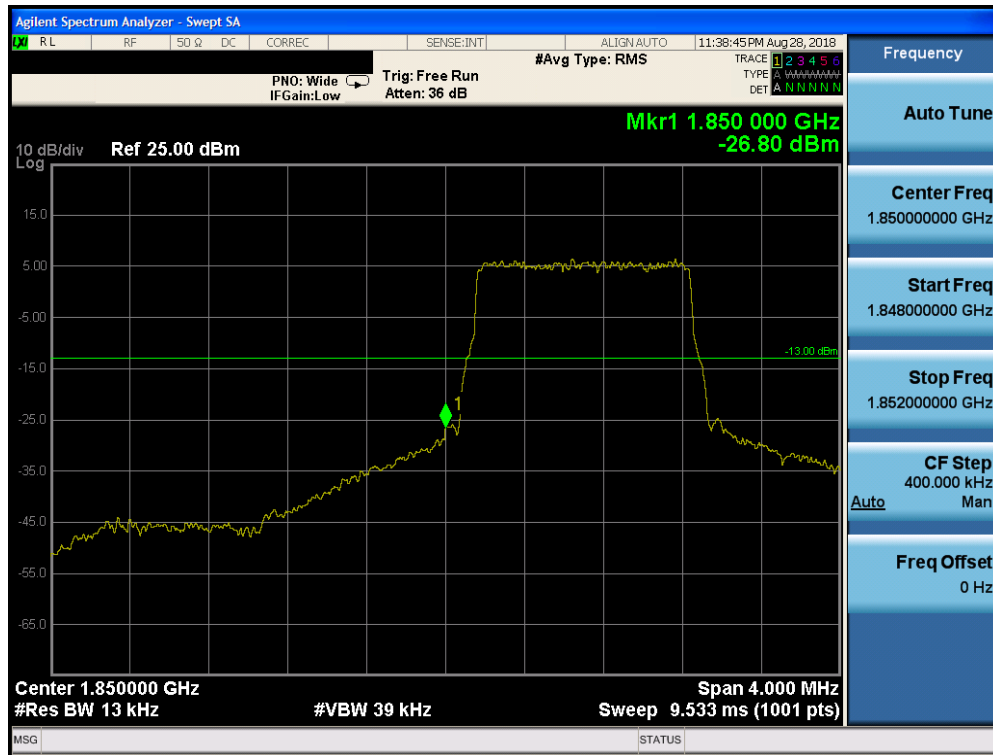


Plot 7-267. Upper Extended Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

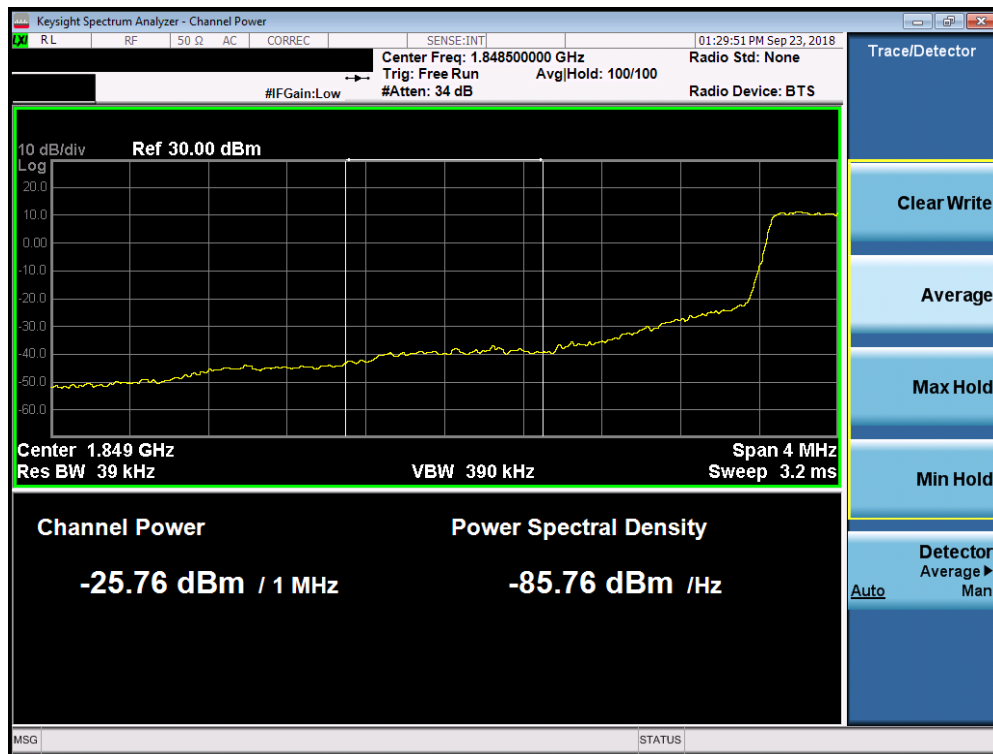
FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 160 of 373



## Band 25

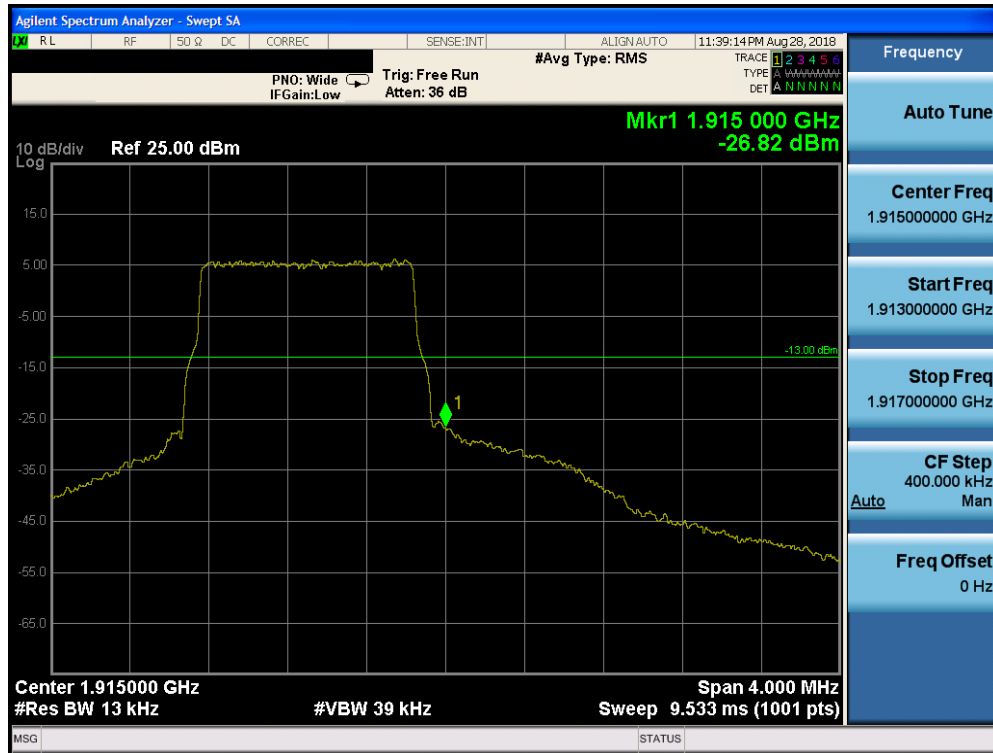


Plot 7-268. Lower Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

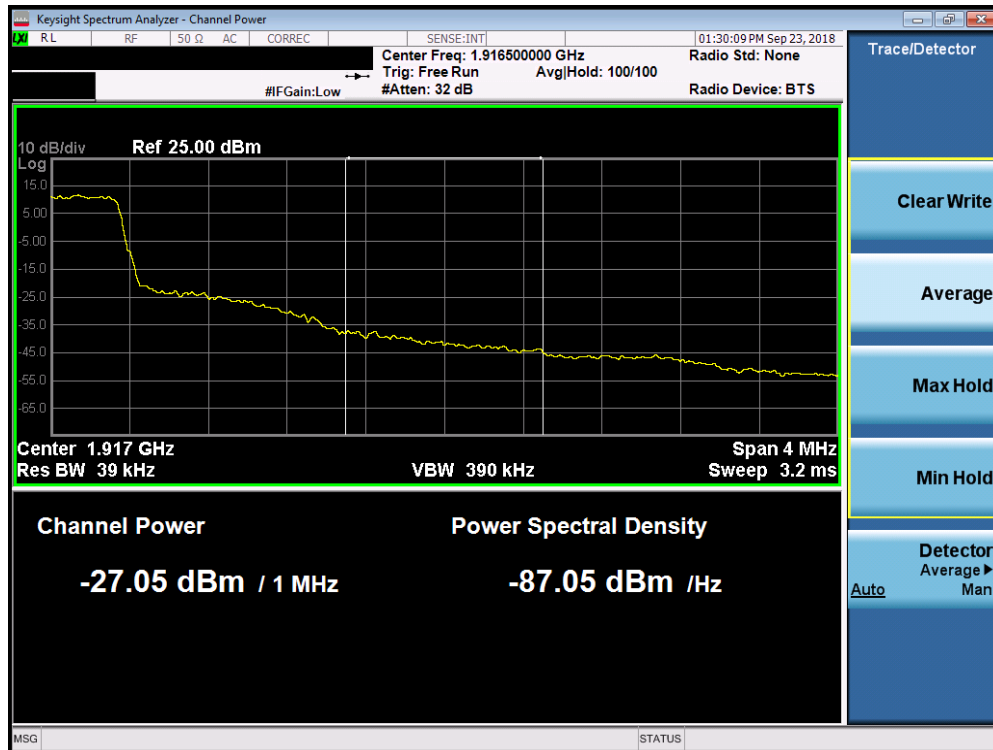


Plot 7-269. Lower Extended Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 161 of 373

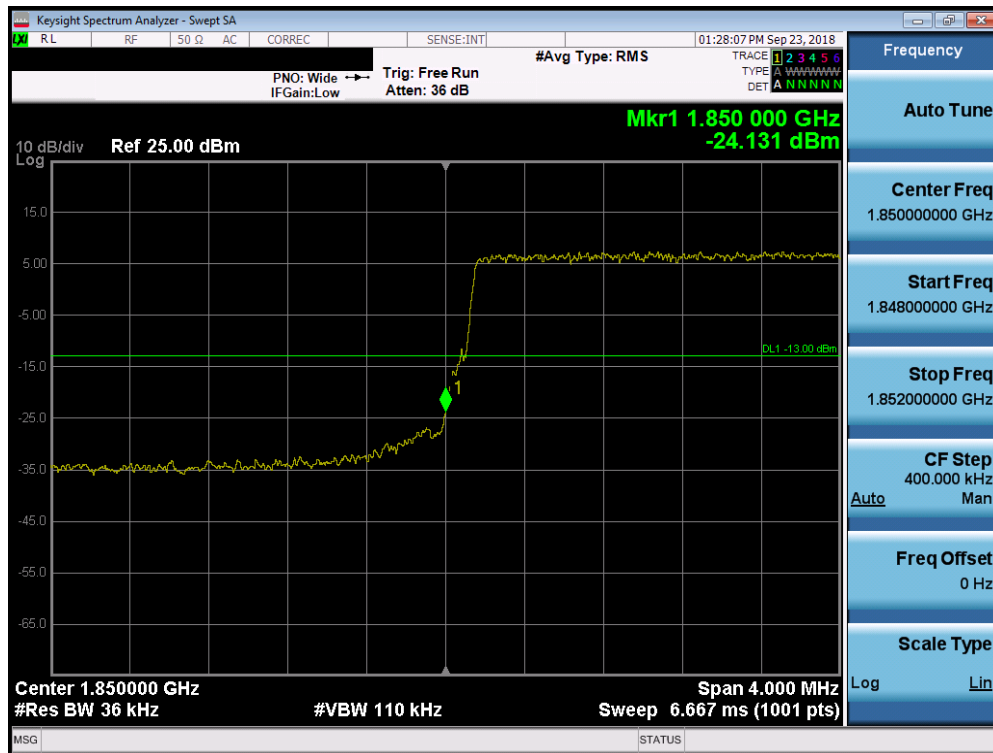


Plot 7-270. Upper Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

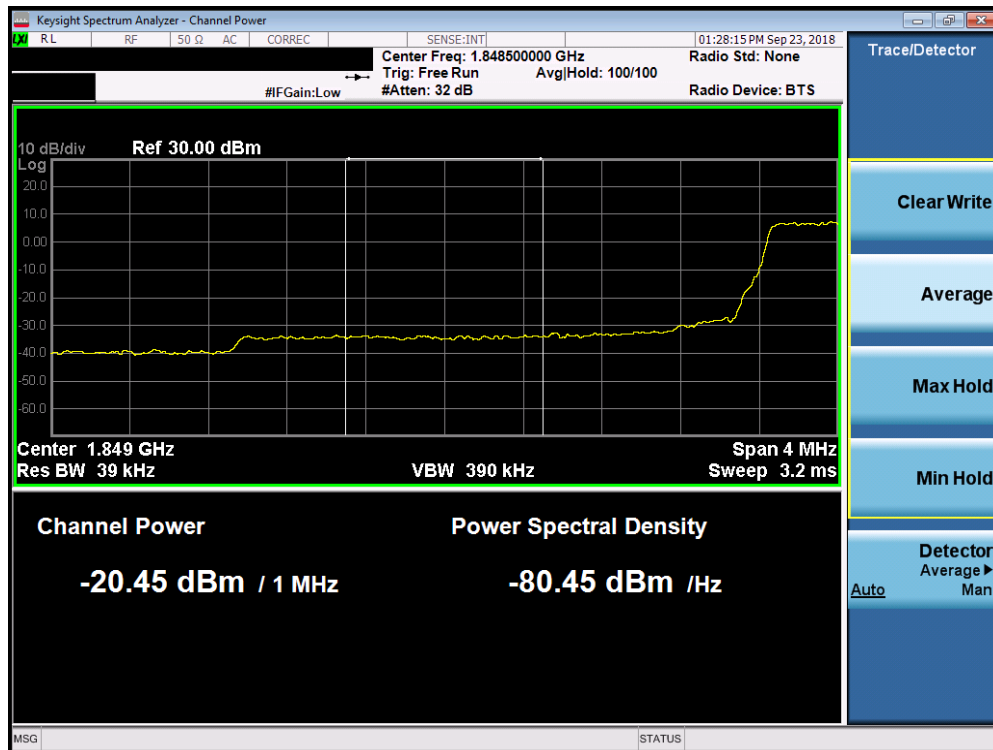


Plot 7-271. Upper Extended Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 162 of 373



Plot 7-272. Lower Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

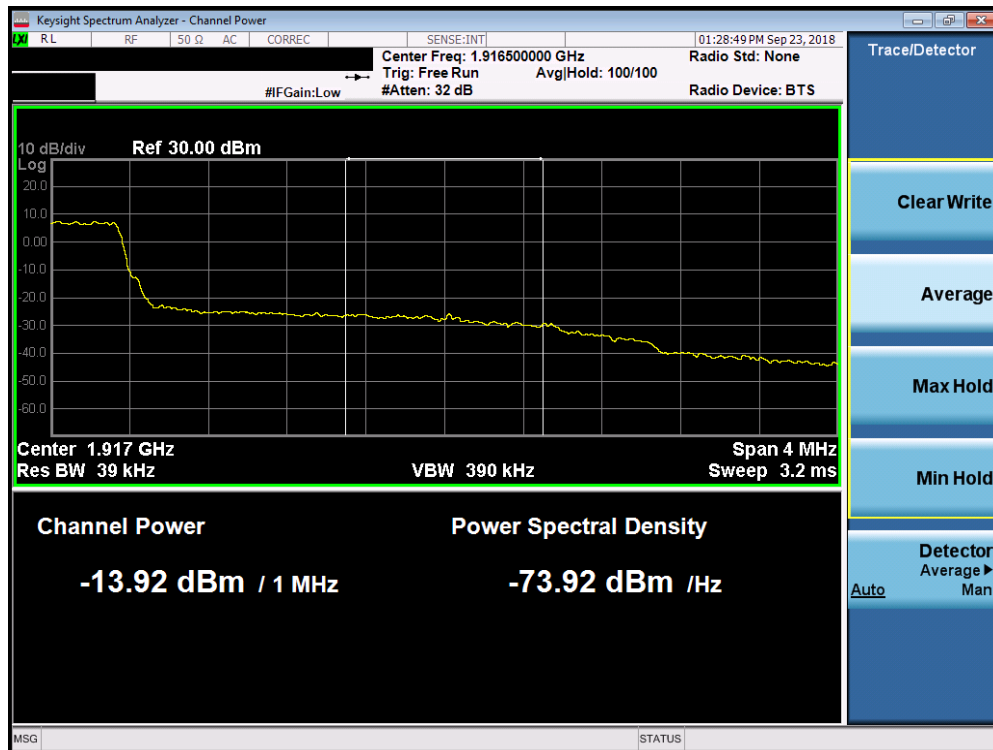


Plot 7-273. Lower Extended Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 163 of 373

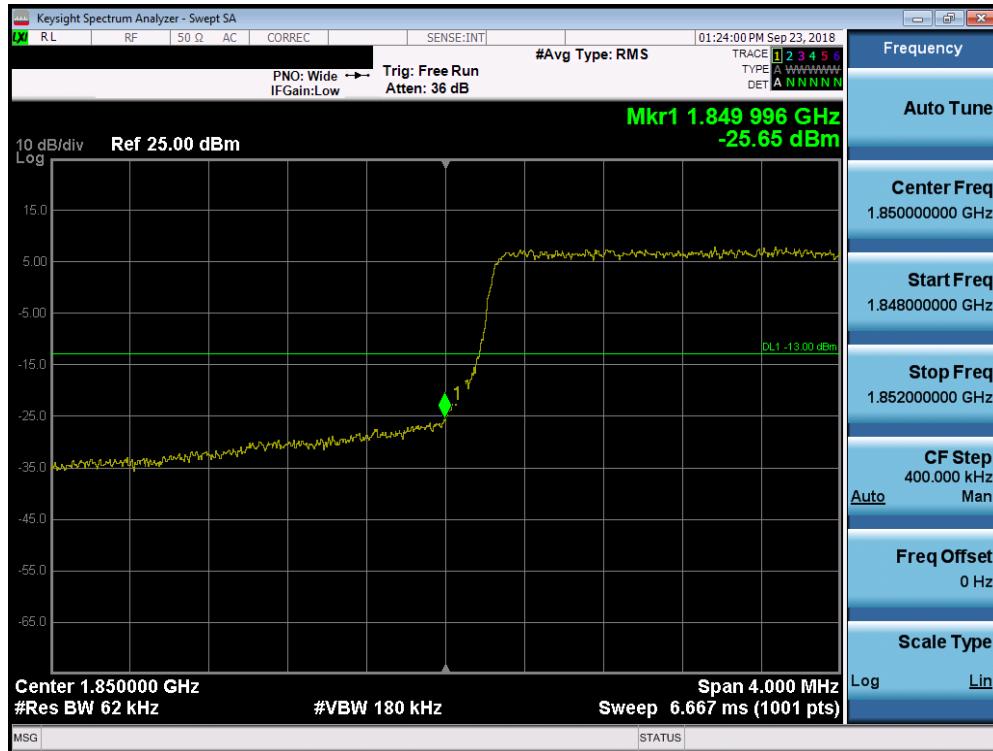


Plot 7-274. Upper Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

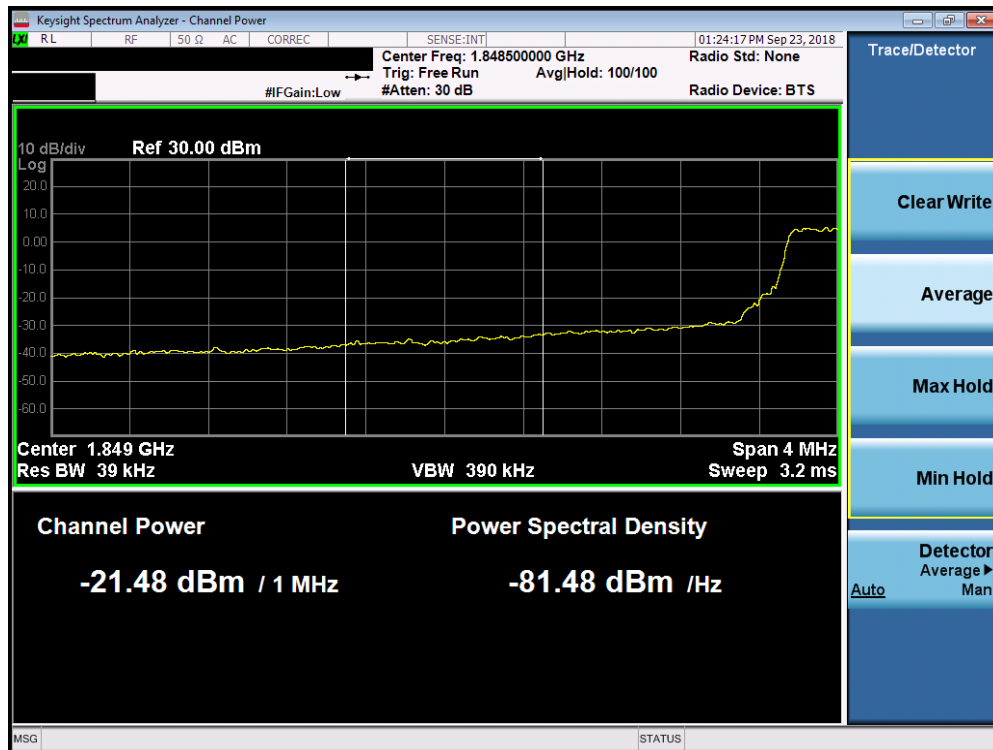


Plot 7-275. Upper Extended Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 164 of 373



Plot 7-276. Lower Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

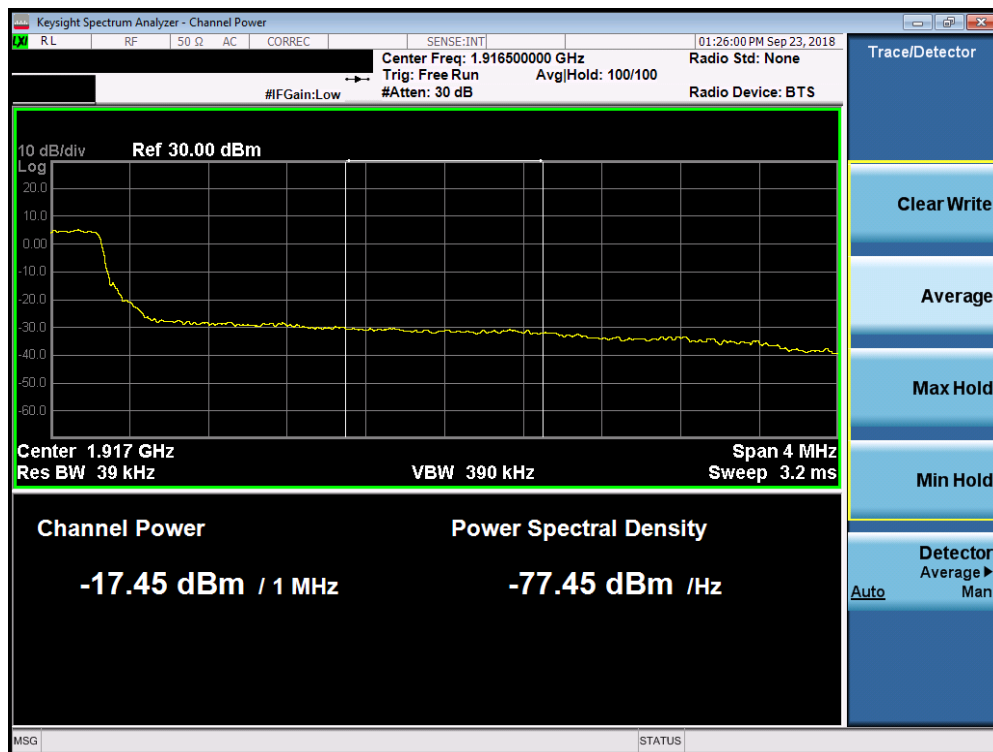


Plot 7-277. Lower Extended Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 165 of 373

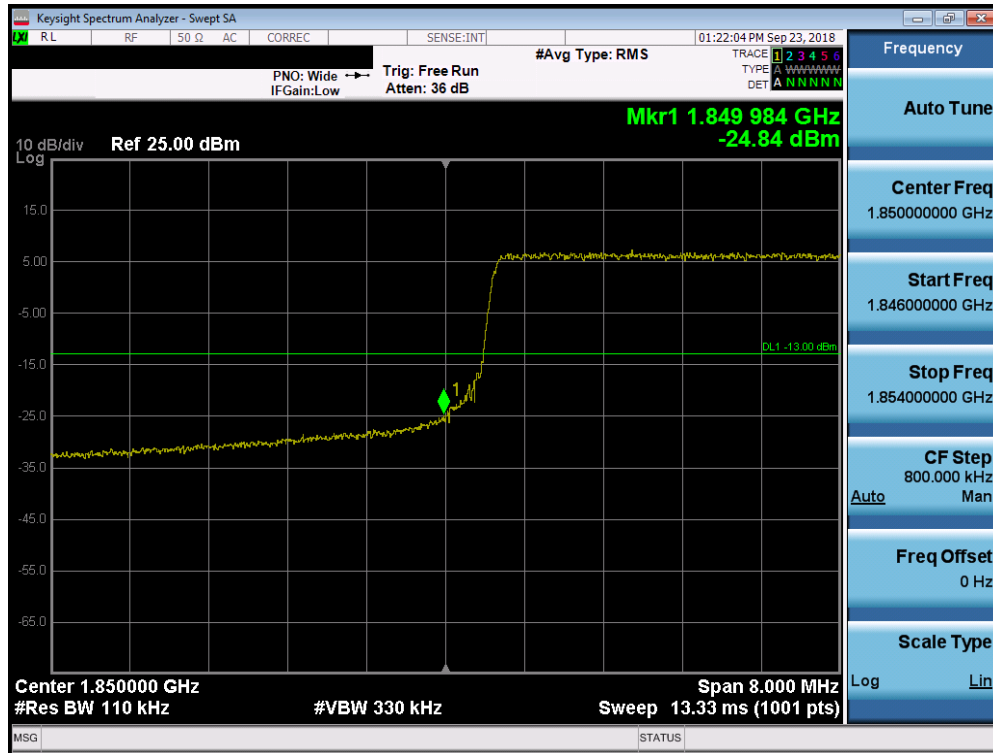


Plot 7-278. Upper Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

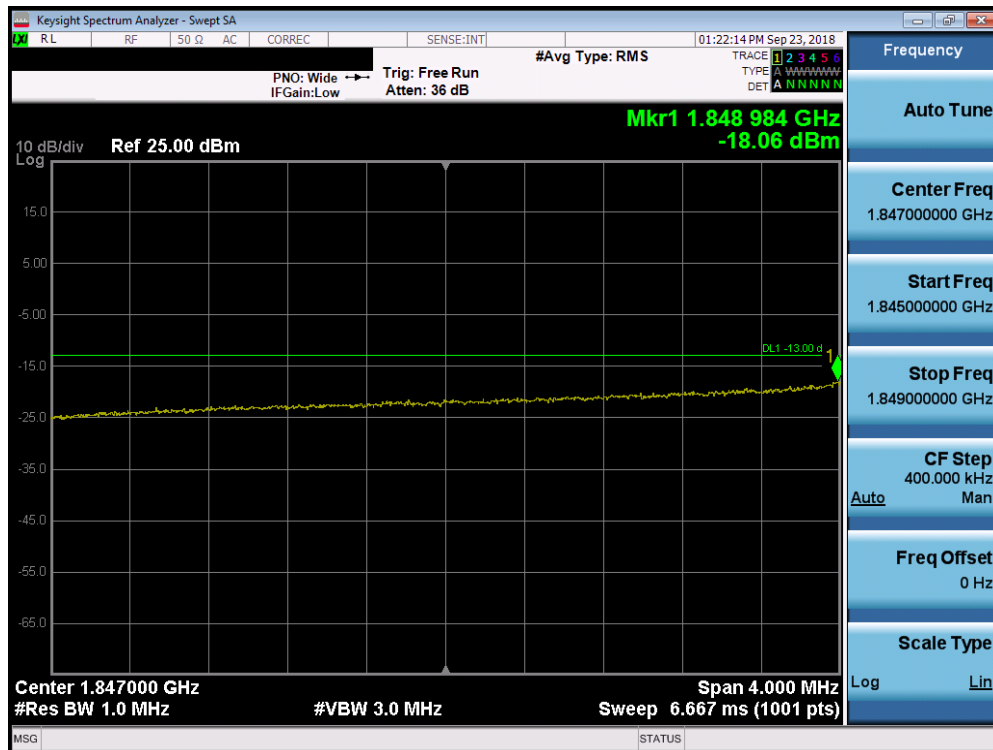


Plot 7-279. Upper Extended Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 166 of 373



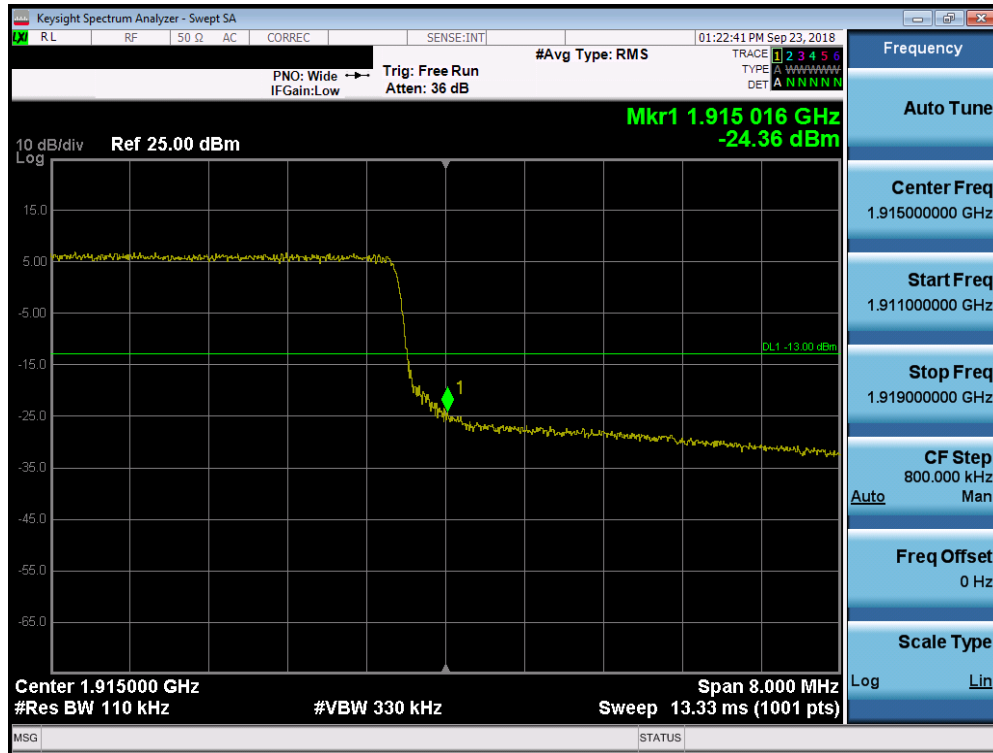
Plot 7-280. Lower Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)



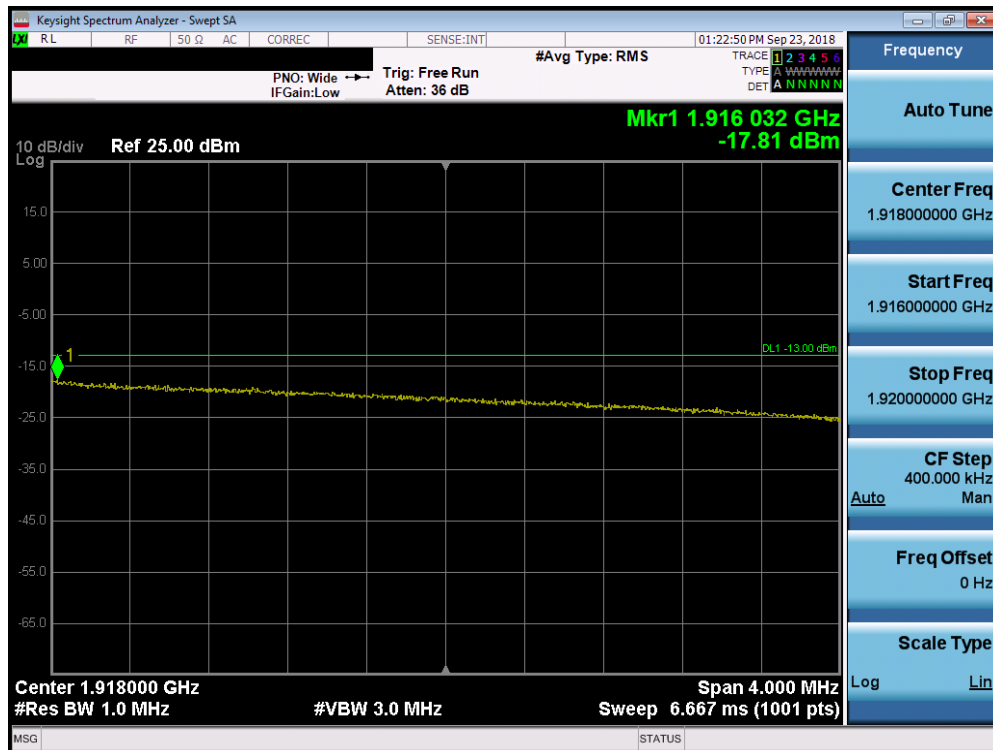
Plot 7-281. Lower Extended Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 167 of 373



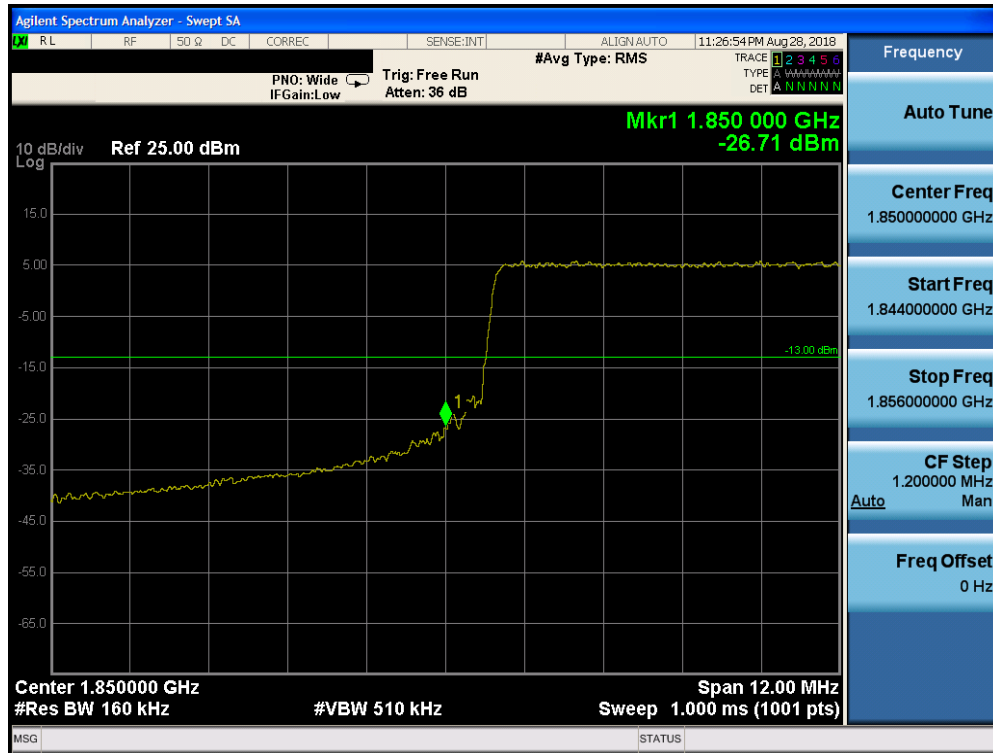


Plot 7-282. Upper Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

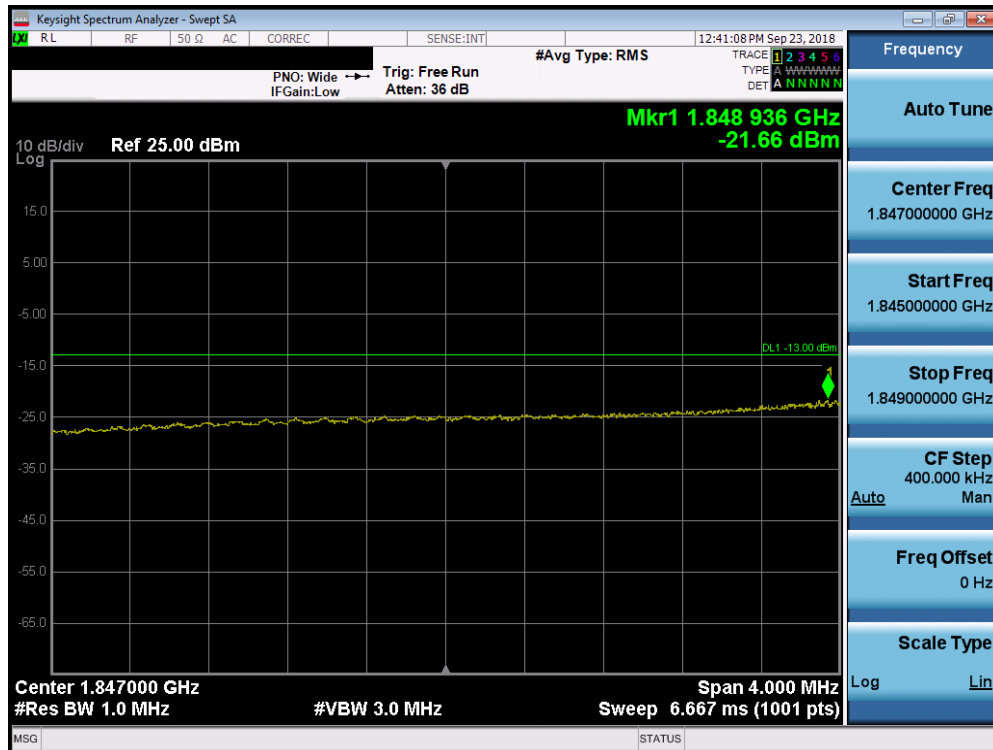


Plot 7-283. Upper Extended Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 168 of 373

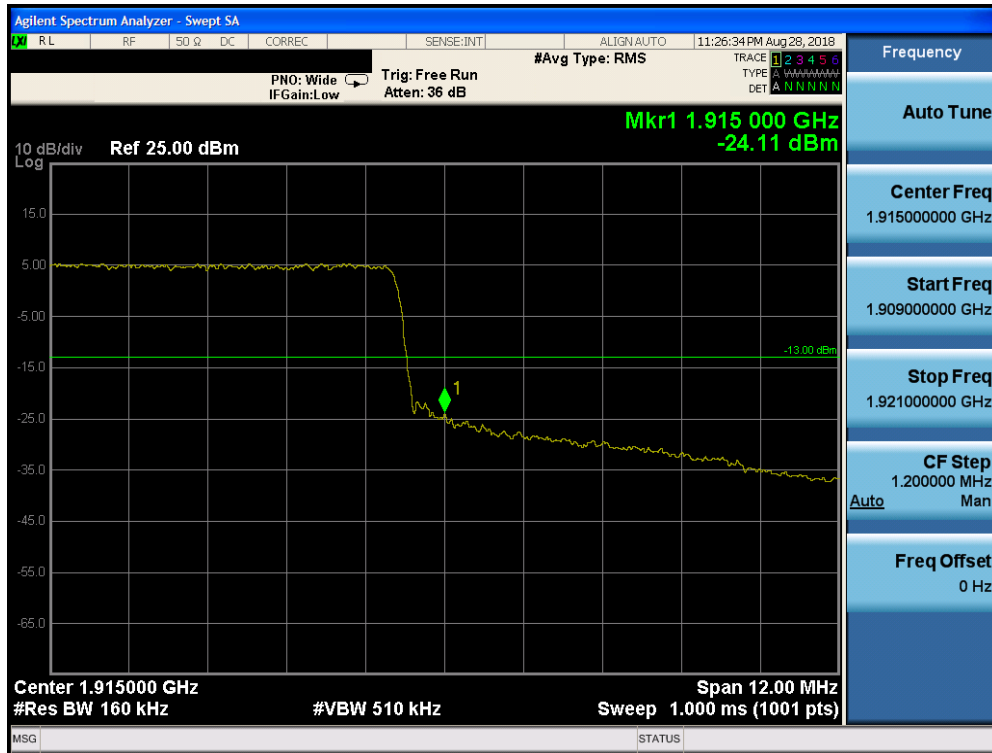


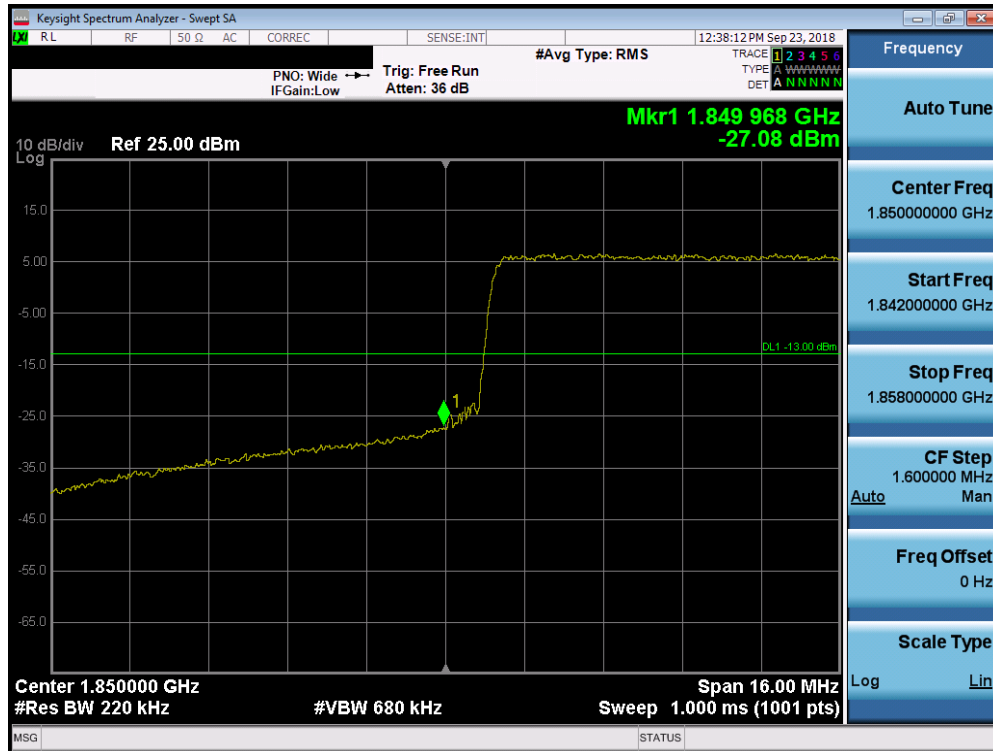
Plot 7-284. Lower Band Edge Plot (Band 25 – 15.0MHz QPSK – RB Size 75)



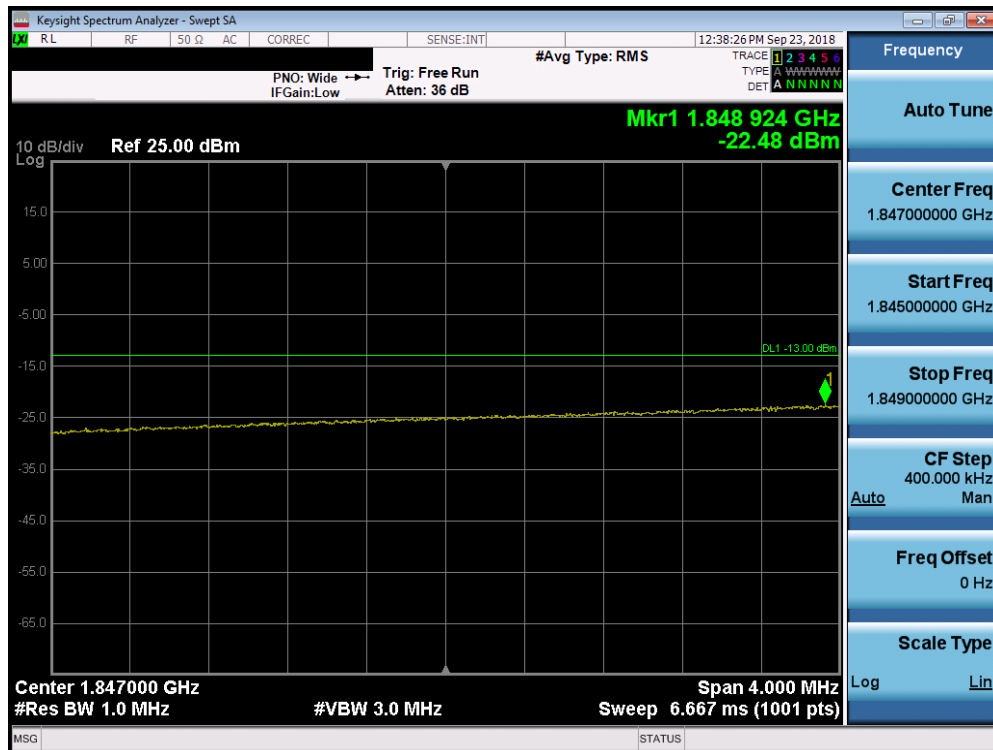
Plot 7-285. Lower Extended Band Edge Plot (Band 25 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 169 of 373





Plot 7-288. Lower Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

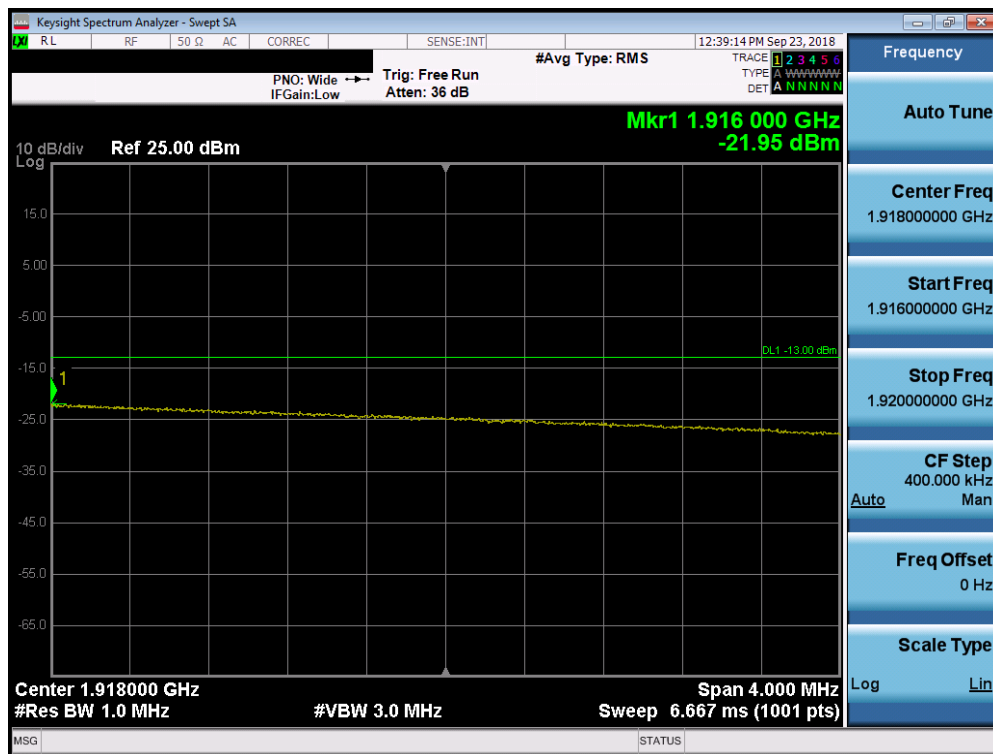


Plot 7-289. Lower Extended Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 171 of 373



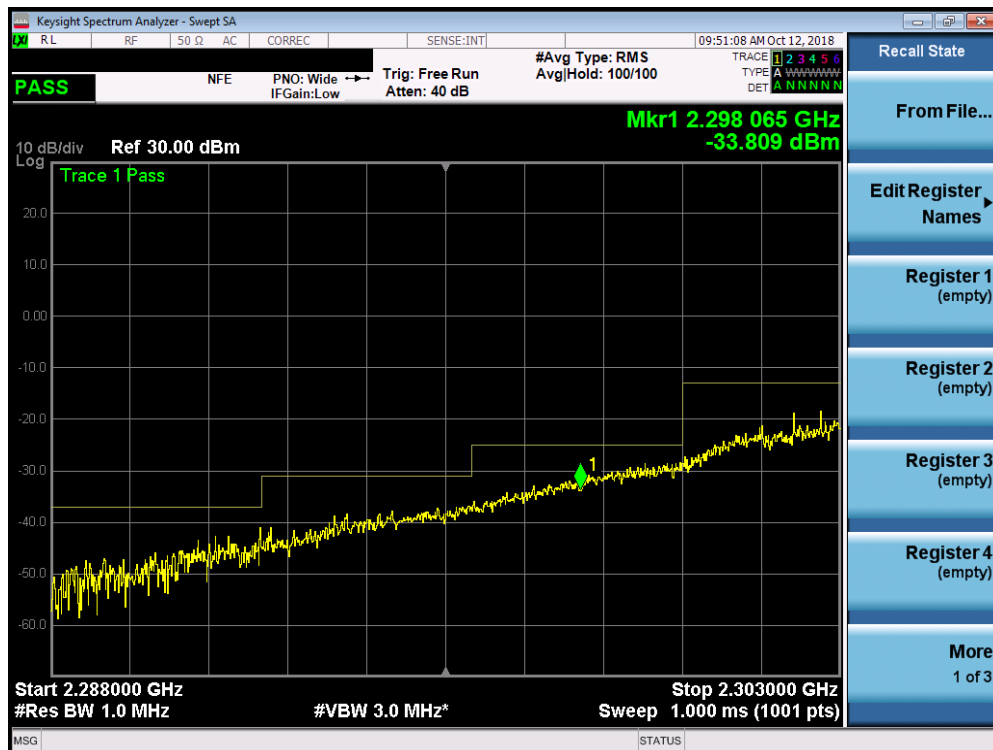
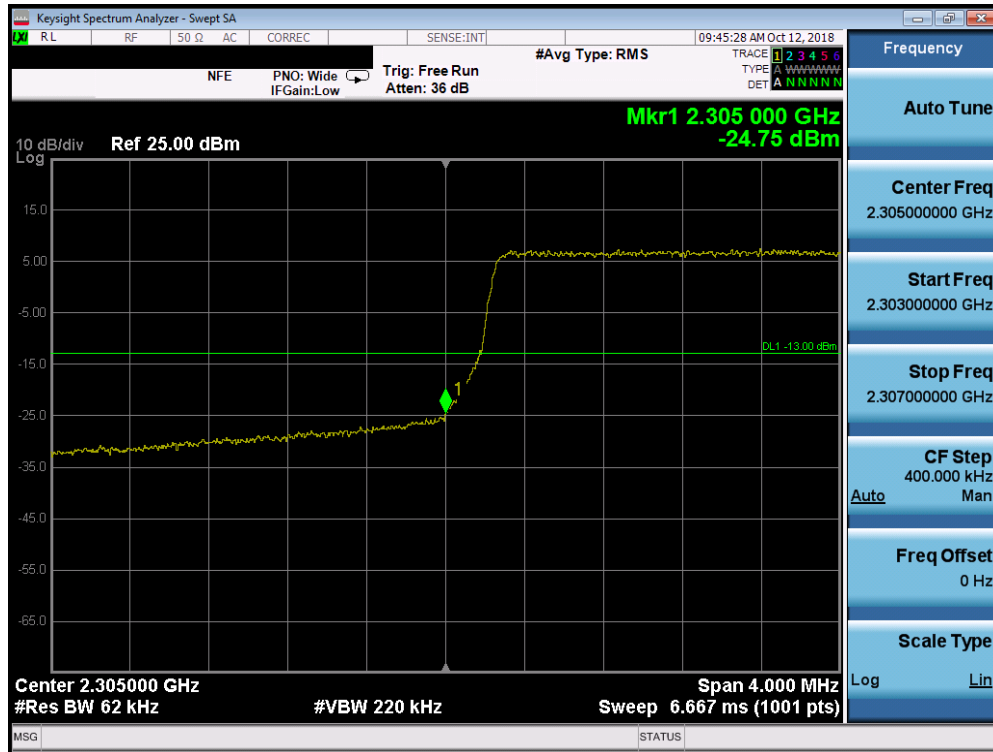
Plot 7-290. Upper Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)



Plot 7-291. Upper Extended Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 172 of 373

## Band 30



Plot 7-293. Lower Extended Band Edge Plot 2288 MHz – 2303 MHz (Band 30 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 173 of 373



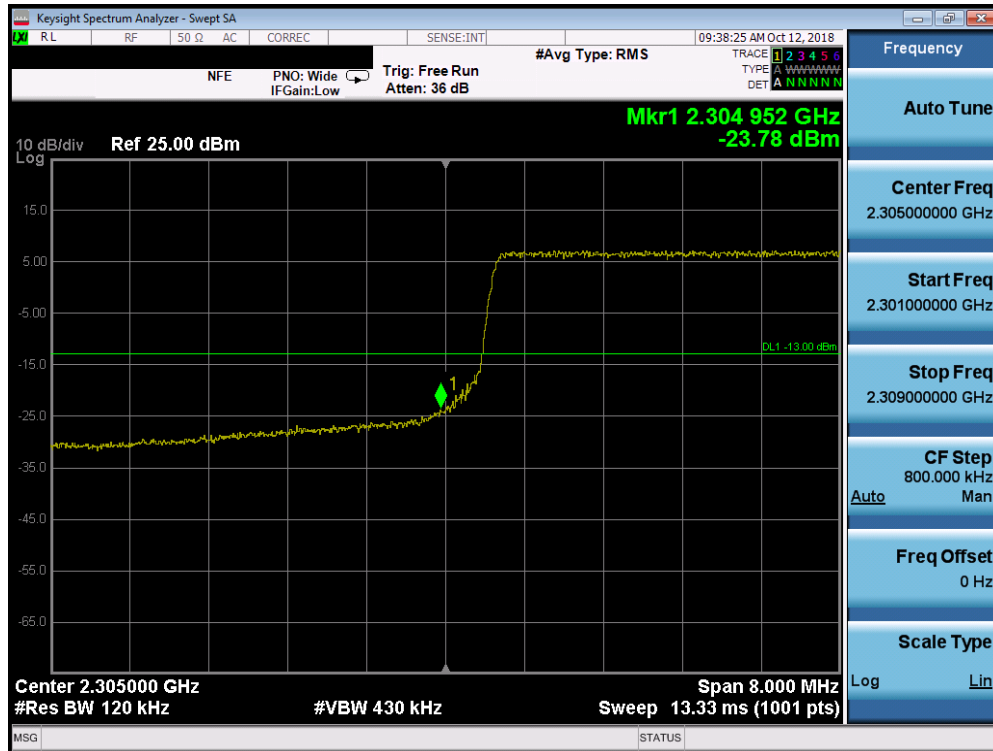
Plot 7-294. Upper Band Edge Plot (Band 30 – 5.0MHz QPSK – RB Size 25)



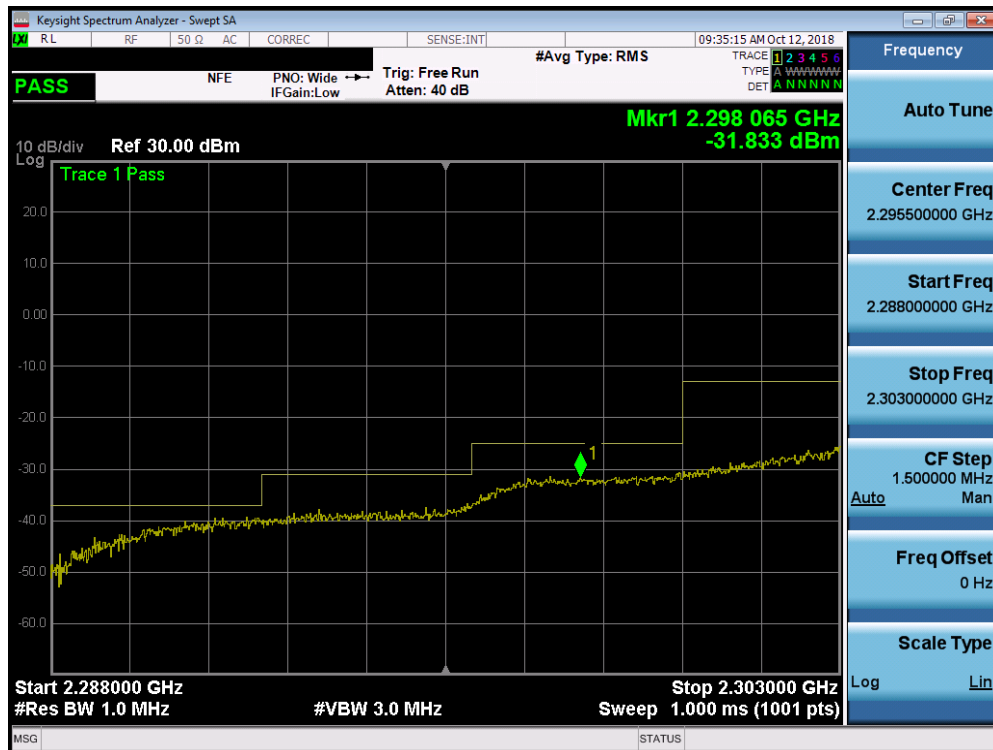
Plot 7-295. Upper Extended Band Edge Plot (Band 30 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 174 of 373





Plot 7-296. Lower Band Edge Plot (Band 30 – 10.0MHz QPSK – RB Size 50)

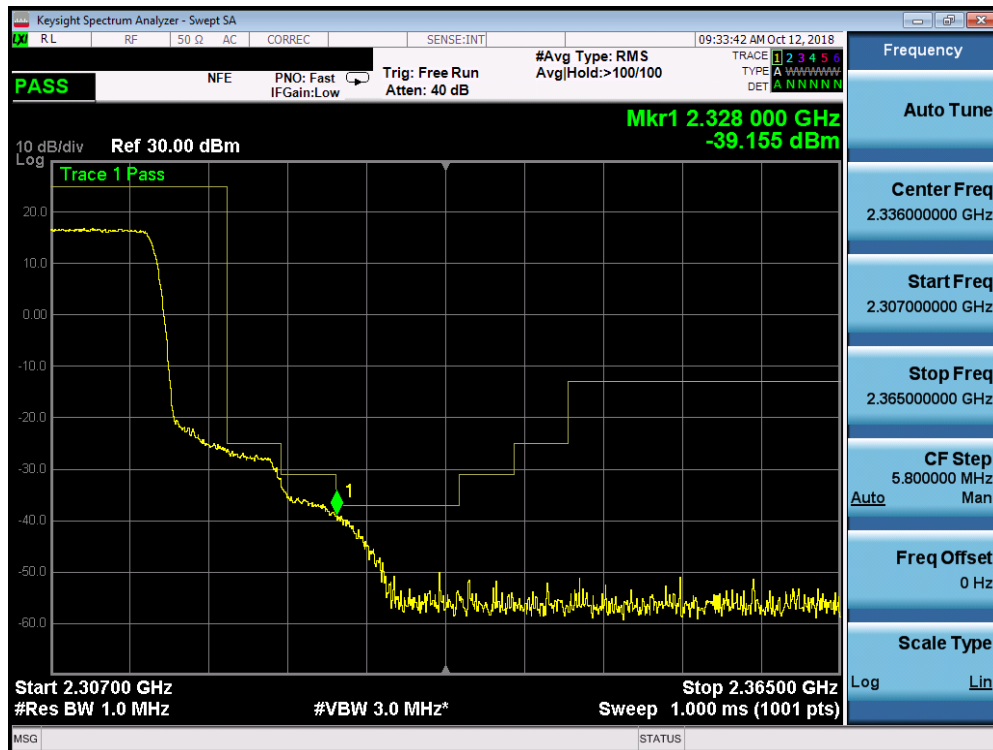


Plot 7-297. Lower Extended Band Edge Plot 2288 MHz – 2303 MHz (Band 30 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 175 of 373



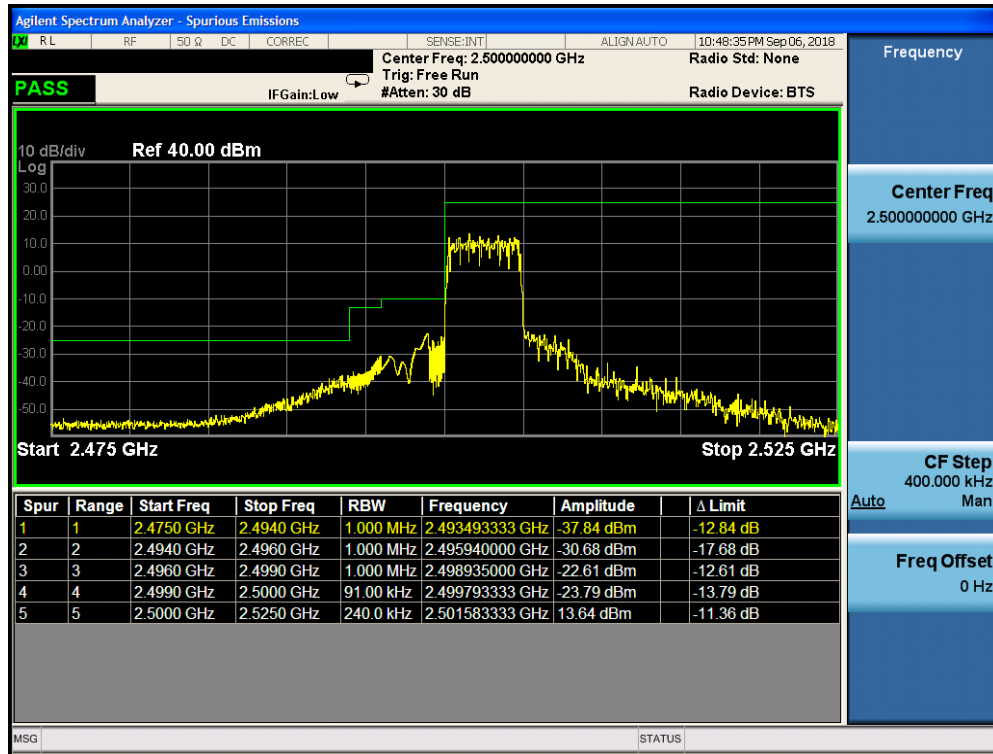
Plot 7-298. Upper Band Edge Plot (Band 30 - 10.0MHz QPSK - RB Size 50)



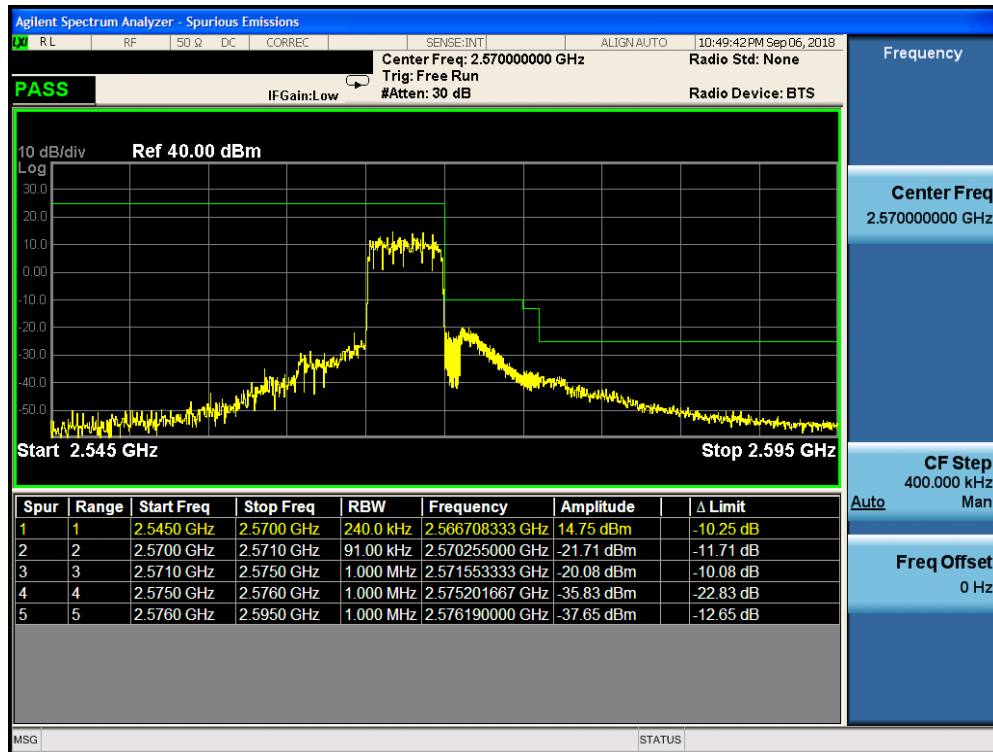
Plot 7-299. Upper Extended Band Edge Plot (Band 30 - 10.0MHz QPSK - RB Size 50)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 176 of 373

## Band 7

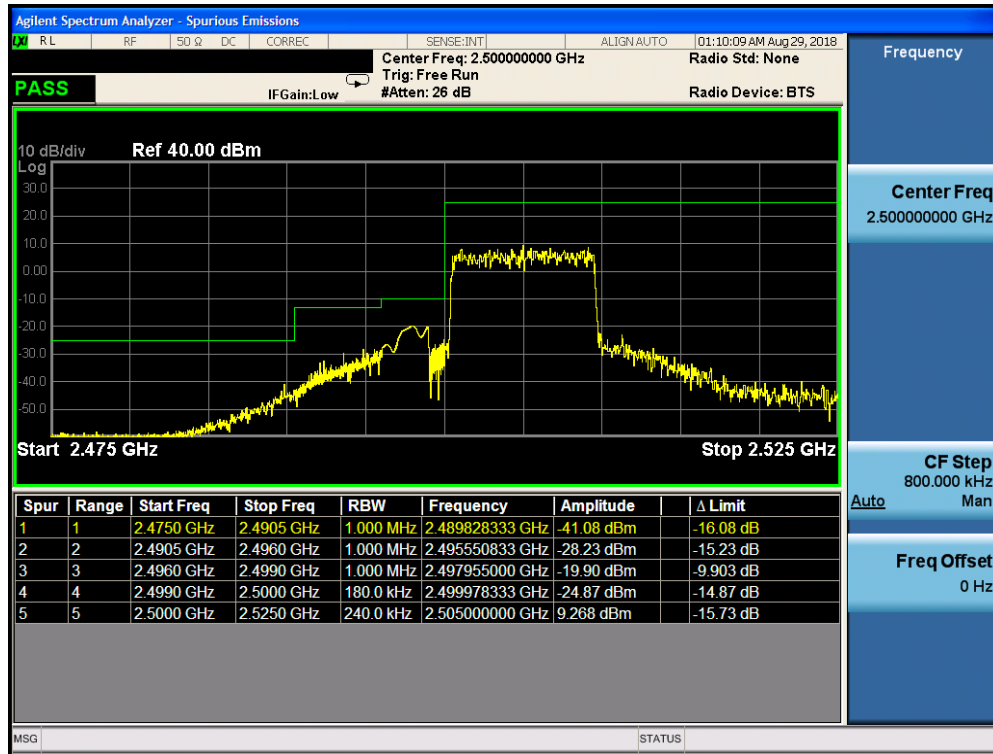


Plot 7-300. Lower ACP Plot (Band 7 – 5.0MHz QPSK – RB Size 25)

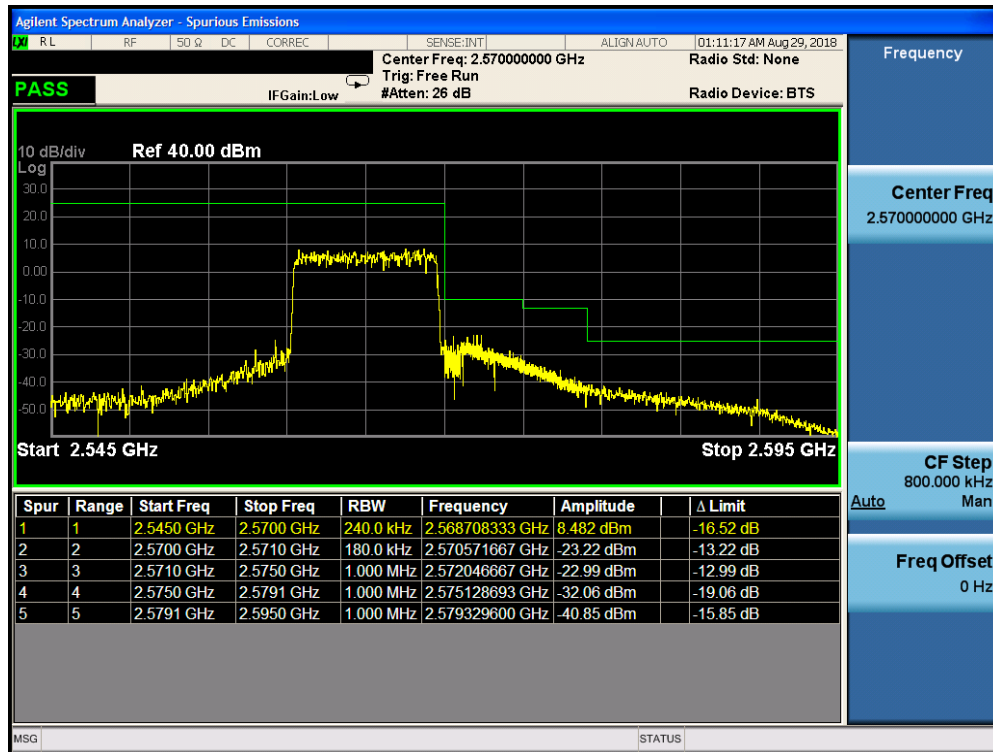


Plot 7-301. Upper ACP Plot (Band 7 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 177 of 373

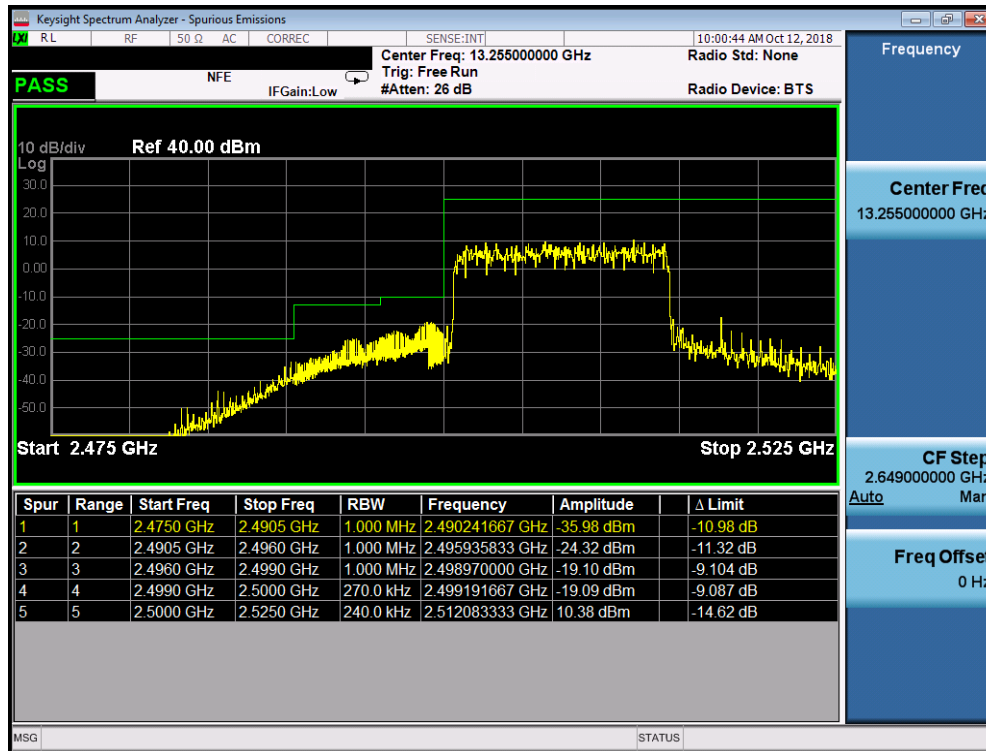


Plot 7-302. Lower ACP Plot (Band 7 – 10.0MHz QPSK – RB Size 50)

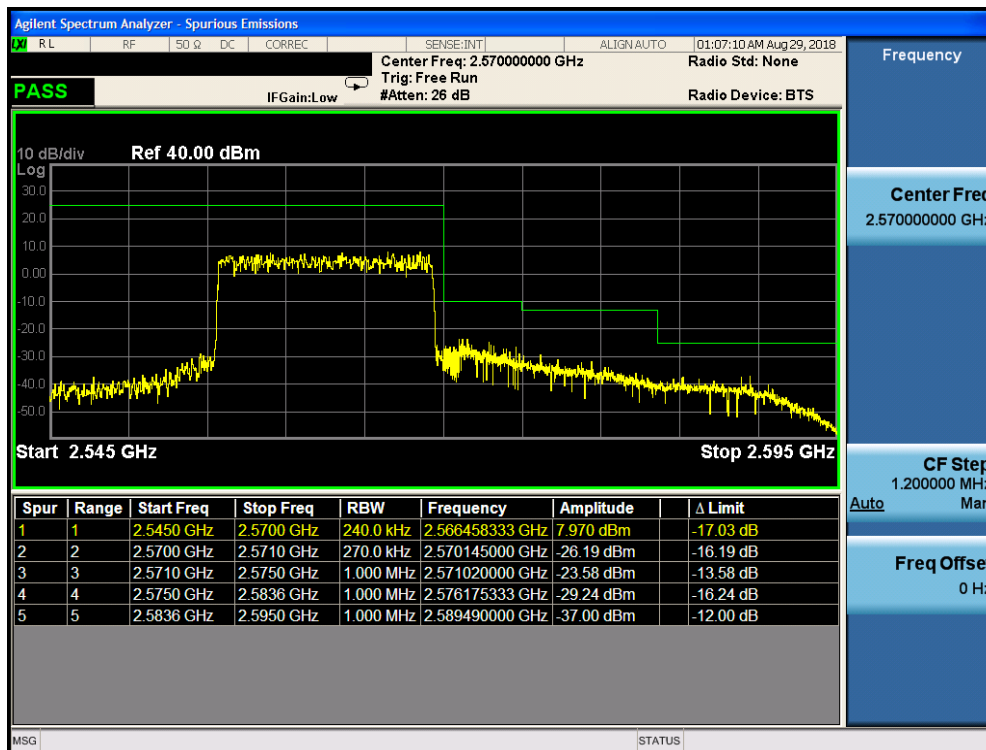


Plot 7-303. Upper ACP Plot (Band 7 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 178 of 373

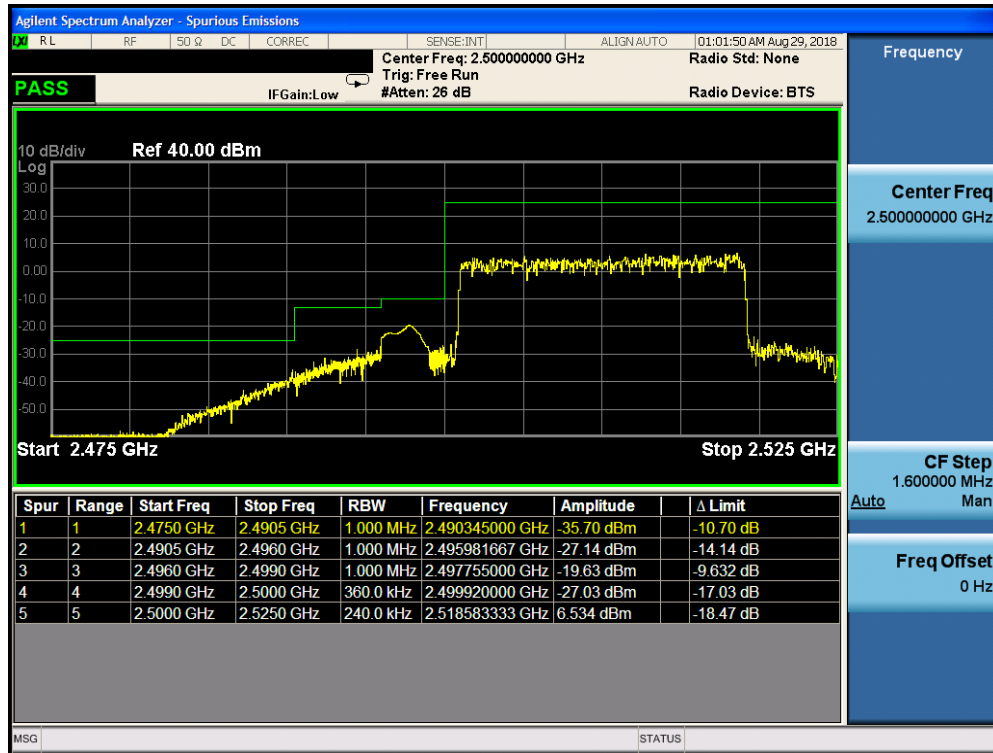


Plot 7-304. Lower ACP Plot (Band 7 - 15.0MHz QPSK - RB Size 75)

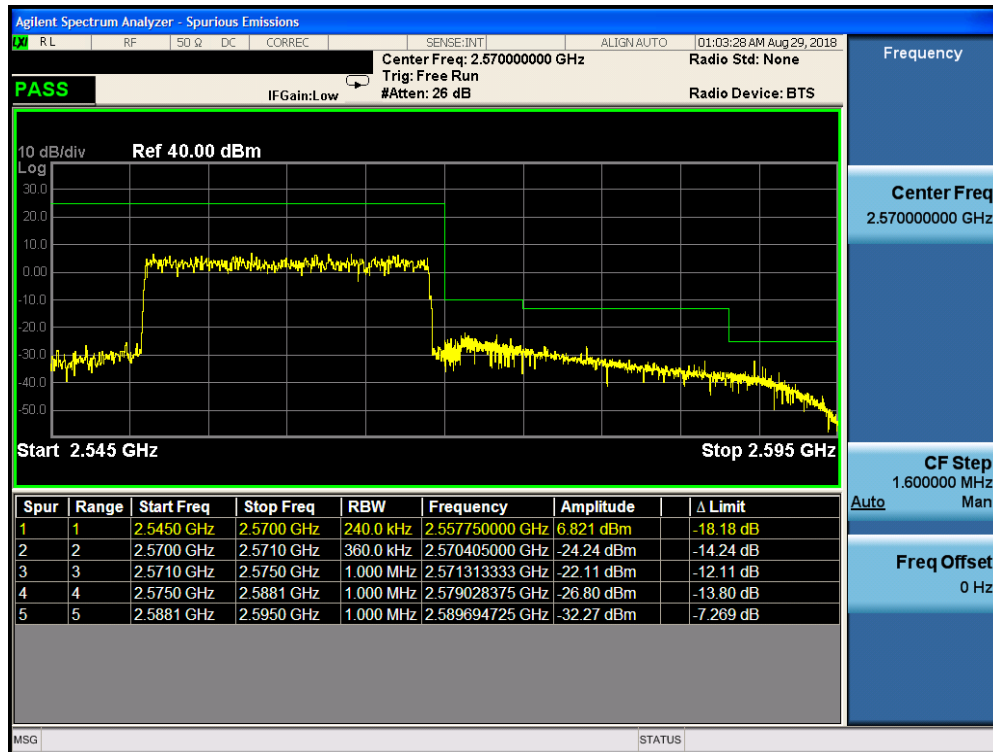


Plot 7-305. Upper ACP Plot (Band 7 - 15.0MHz QPSK - RB Size 75)

FCC ID: BCGA1895	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 179 of 373



Plot 7-306. Lower ACP Plot (Band 7 – 20.0MHz QPSK – RB Size 100)

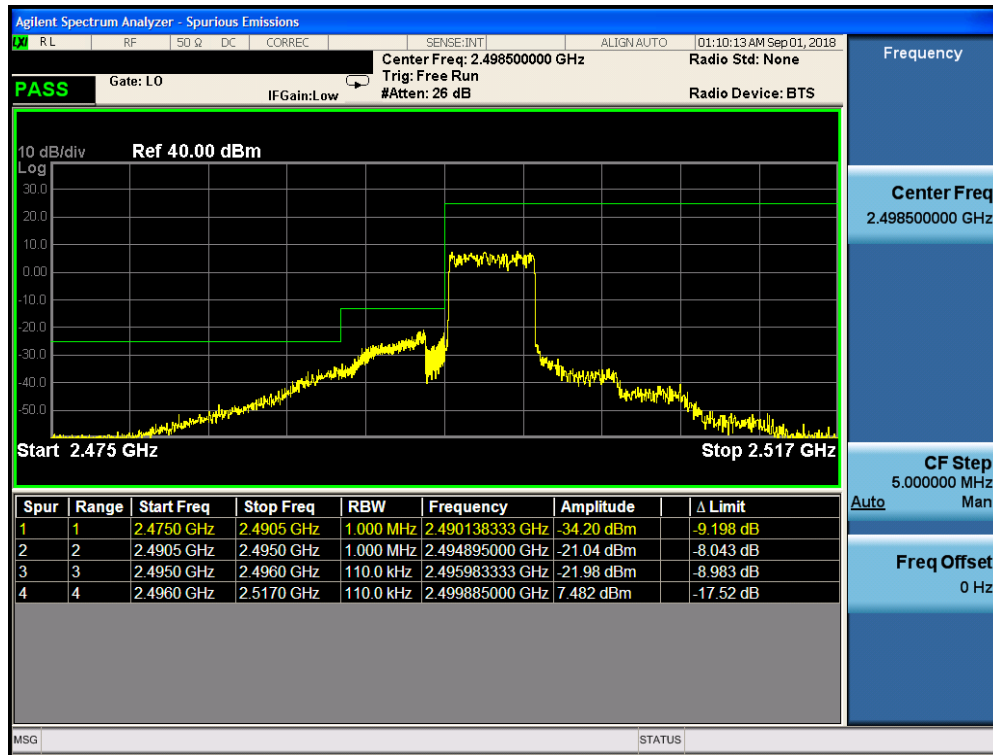


Plot 7-307. Upper ACP Plot (Band 7 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 180 of 373



## Band 41



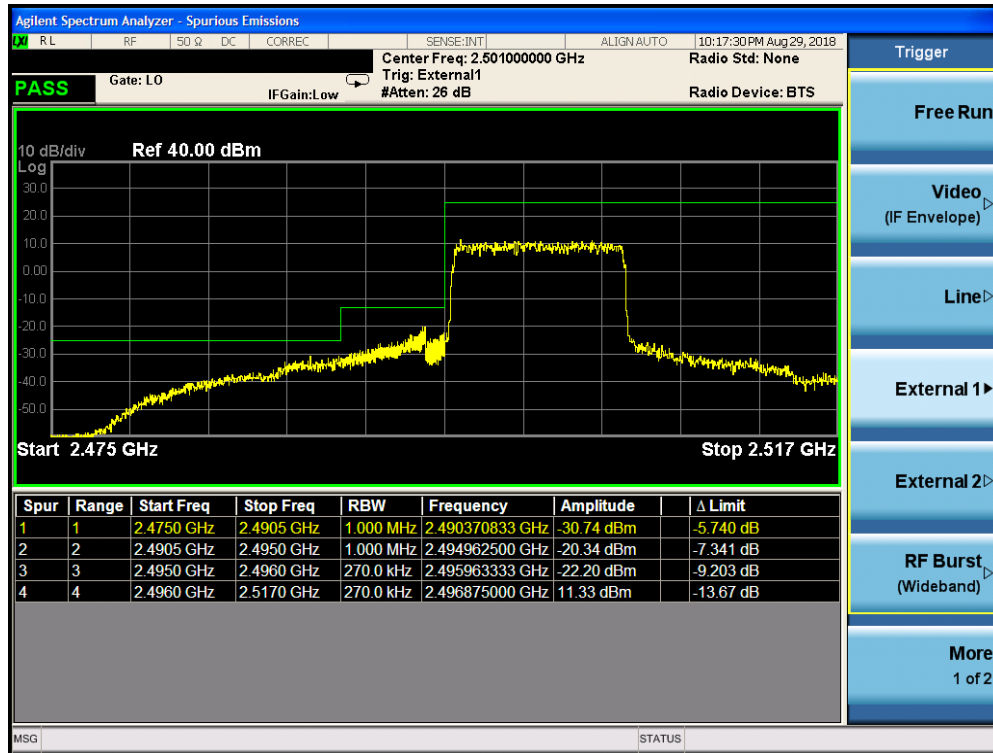
Plot 7-308. Lower ACP Plot (Band 41 – 5.0MHz QPSK – RB Size 25)



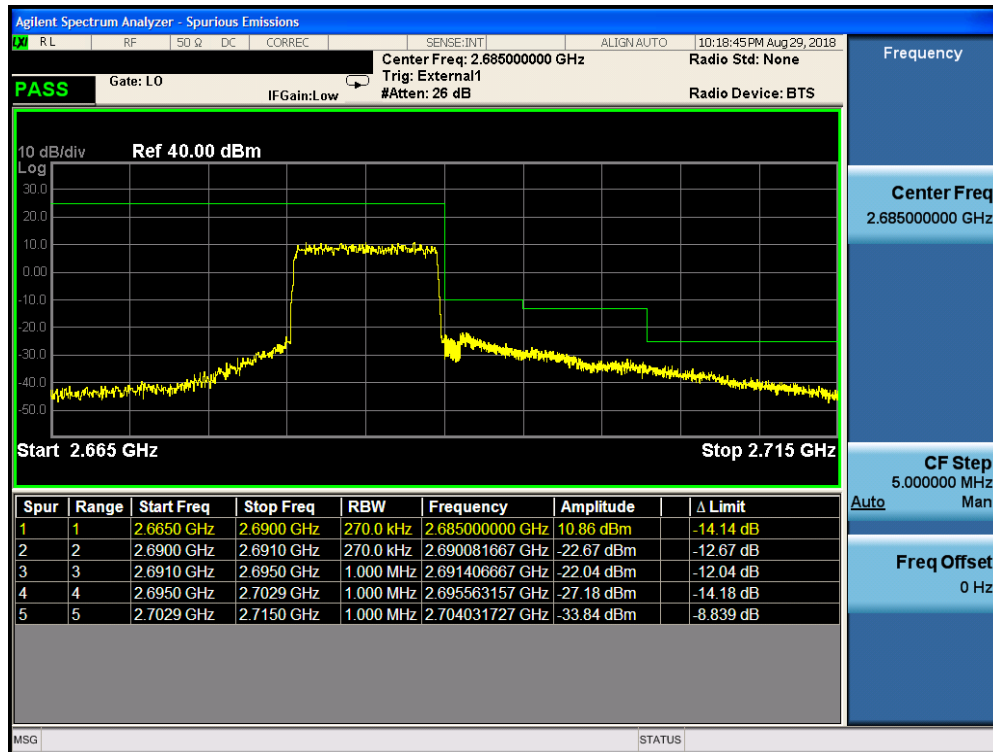
Plot 7-309. Upper ACP Plot (Band 41 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 181 of 373



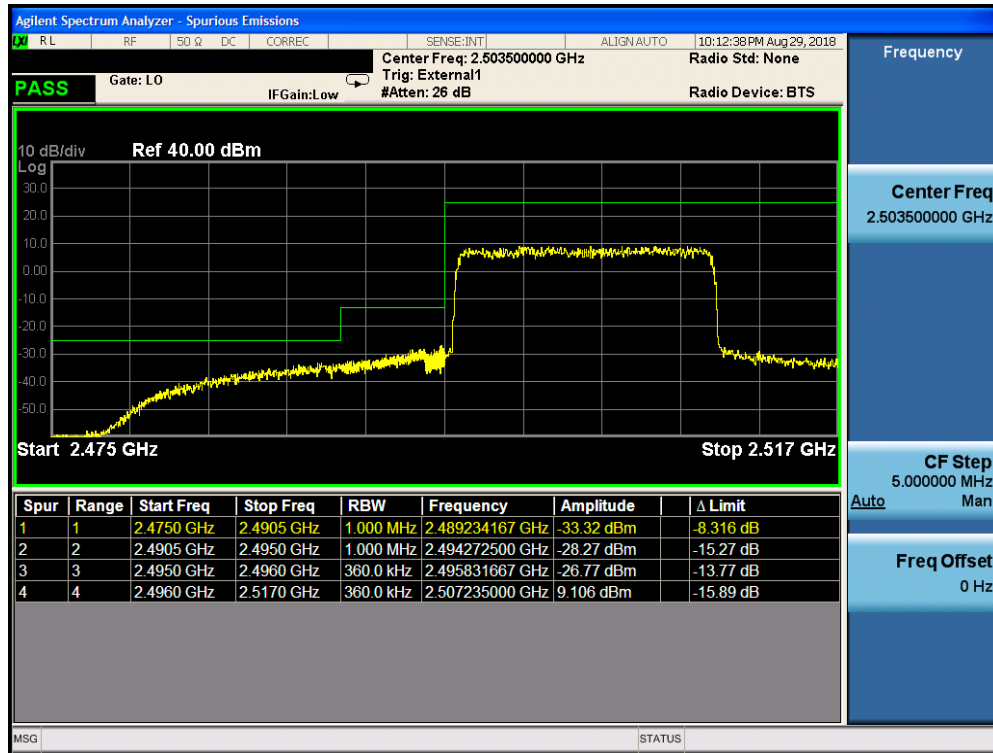


Plot 7-310. Lower ACP Plot (Band 41 – 10.0MHz QPSK – RB Size 50)



Plot 7-311. Upper ACP Plot (Band 41 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 182 of 373

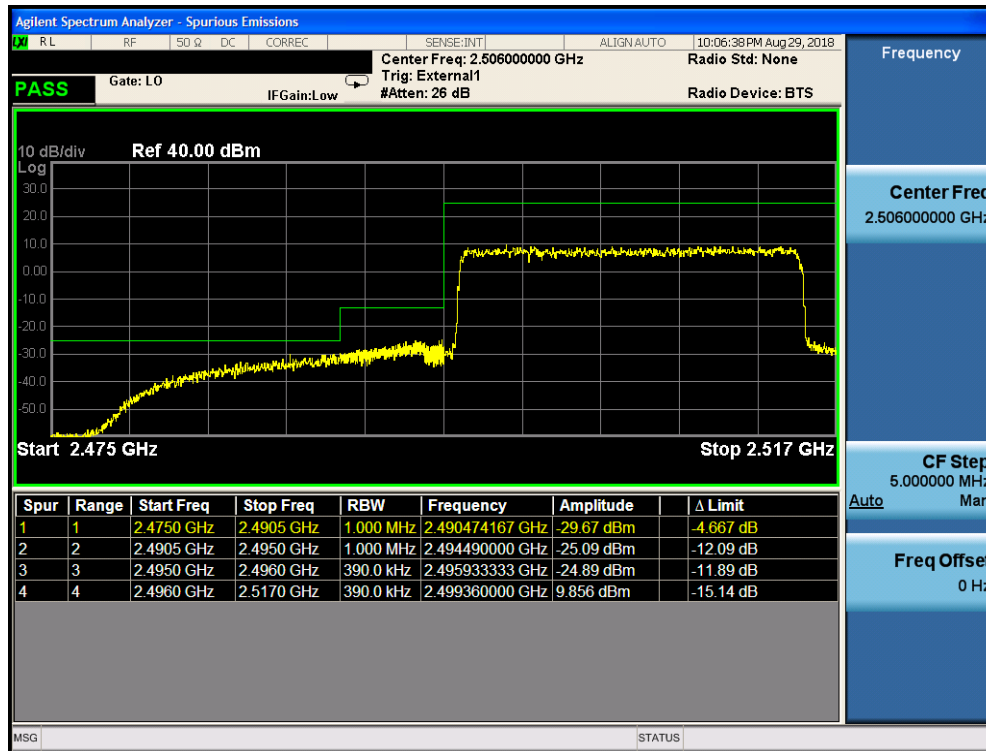


Plot 7-312. Lower ACP Plot (Band 41 – 15.0MHz QPSK – RB Size 75)

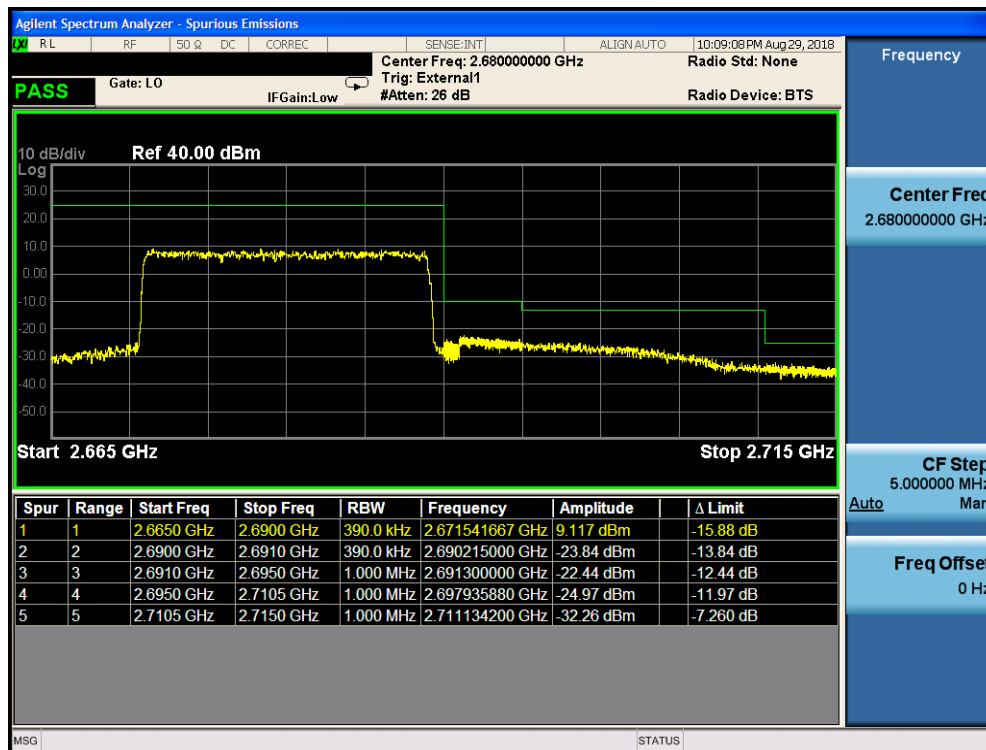


Plot 7-313. Upper ACP Plot (Band 41 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 183 of 373



Plot 7-314. Lower ACP Plot (Band 41 – 20.0MHz QPSK – RB Size 100)



Plot 7-315. Upper ACP Plot (Band 41 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 184 of 373

## 7.5 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

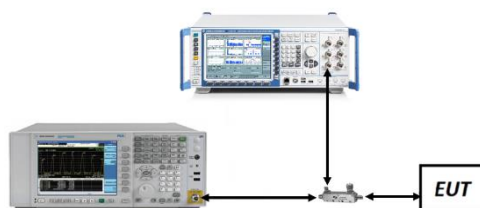
KDB 971168 D01 v03r01 – Section 5.7.1

### 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.



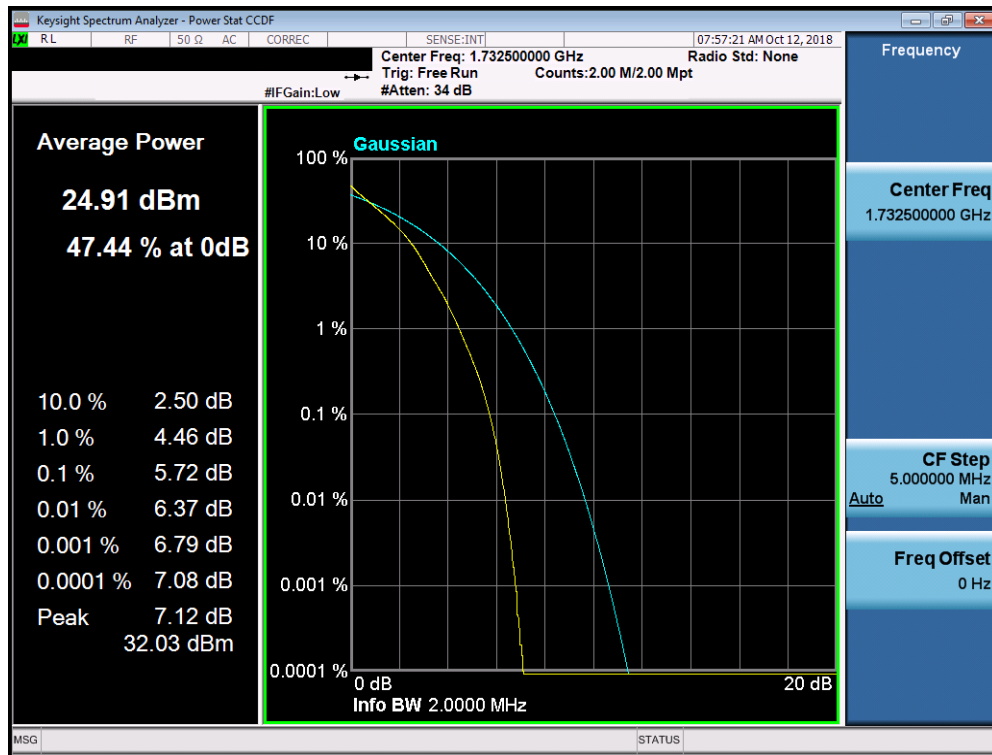
**Figure 7-4. Test Instrument & Measurement Setup**

### Test Notes

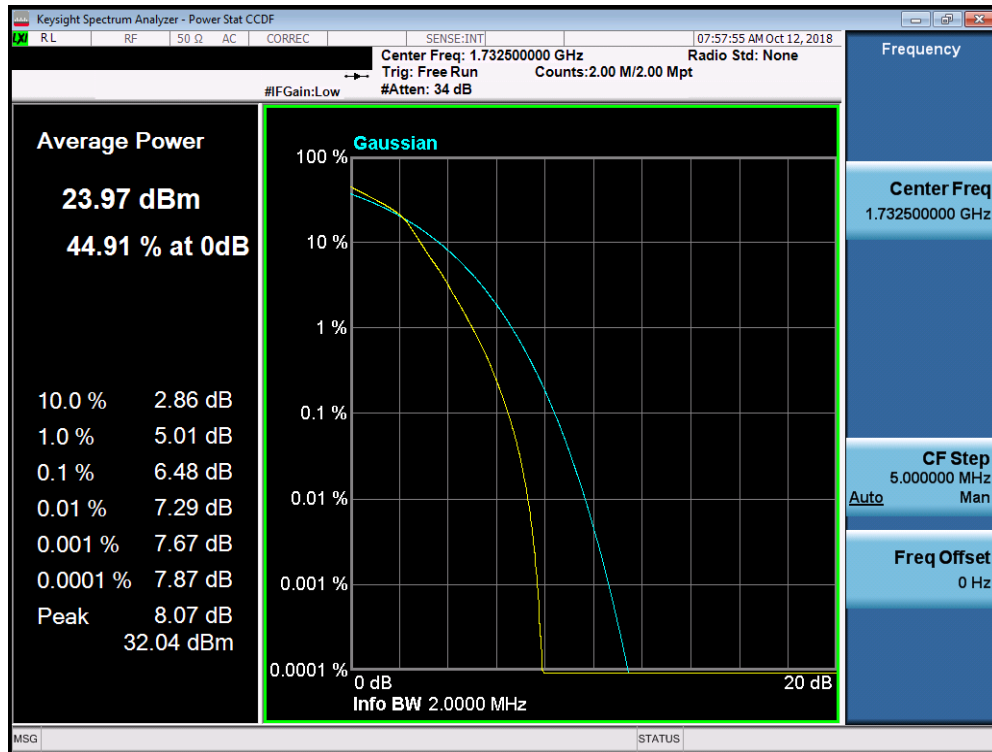
None.

FCC ID: BCGA1895	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 185 of 373

## Band 4

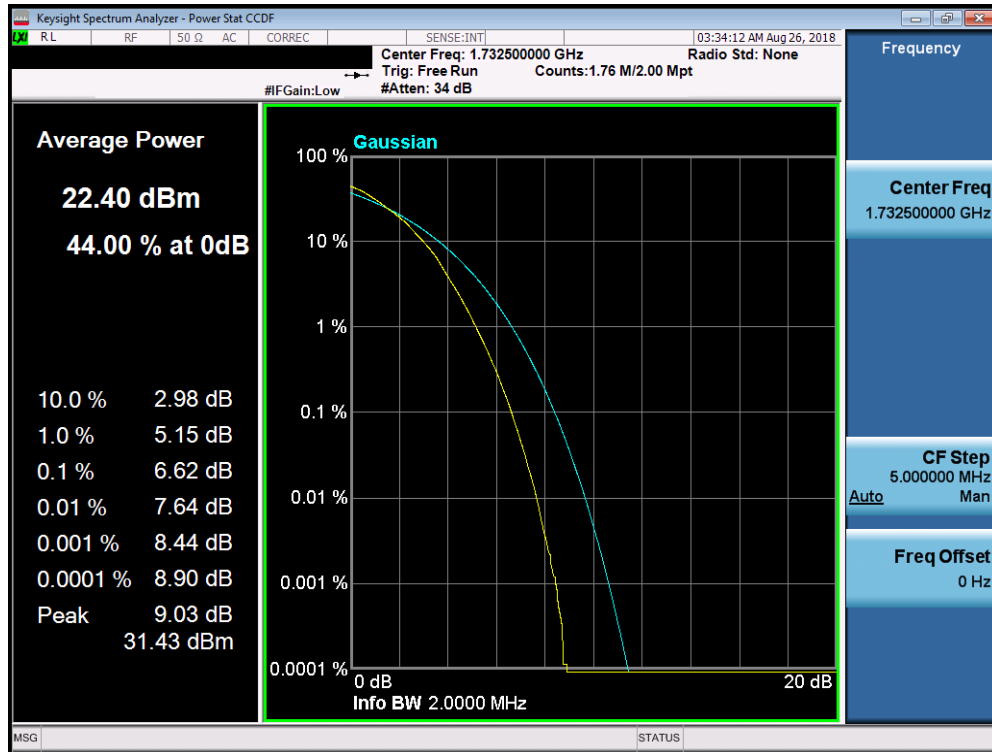


Plot 7-316. PAR Plot (Band 4 – 1.4MHz QPSK – RB Size 6)

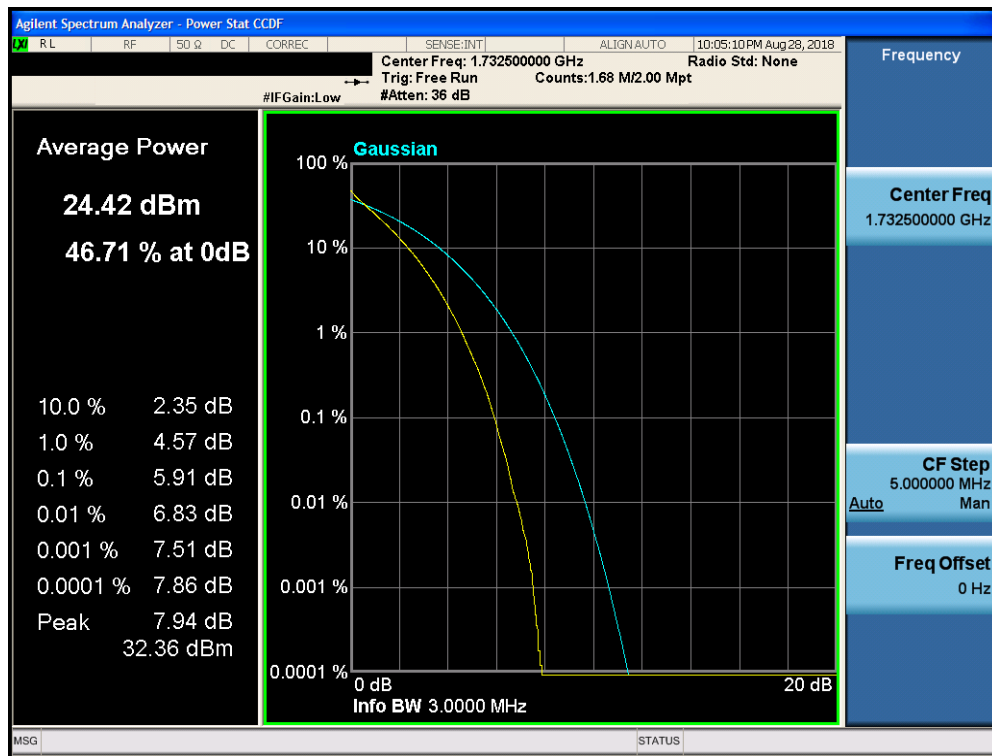


Plot 7-317. PAR Plot (Band 4 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 186 of 373

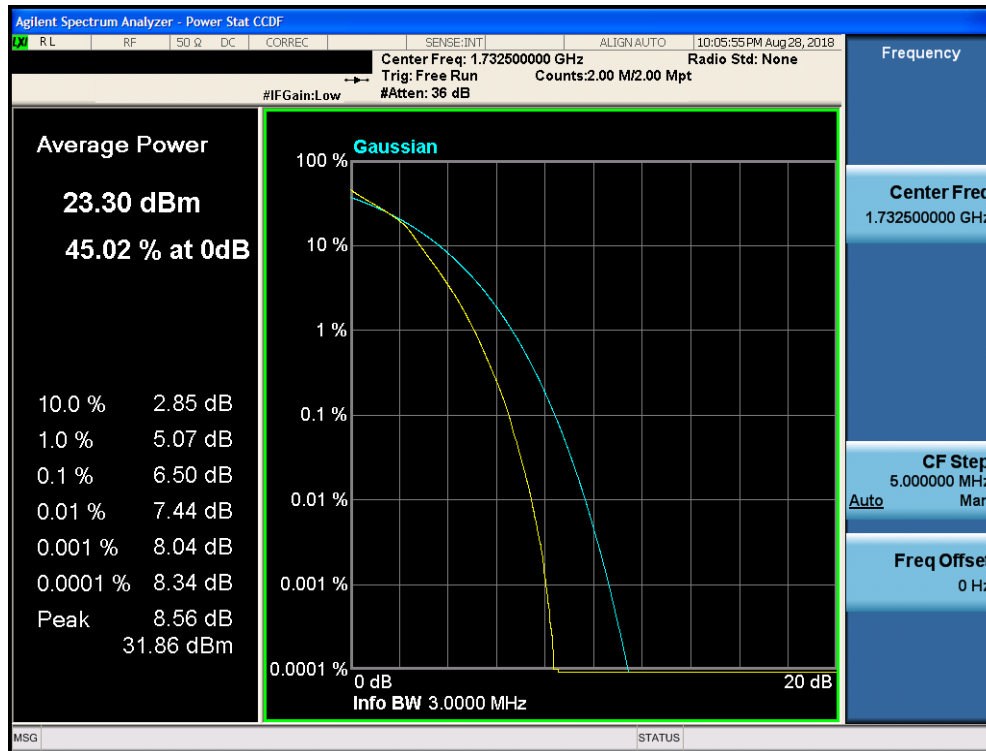


Plot 7-318. PAR Plot (Band 4 – 1.4MHz 64-QAM – RB Size 6)

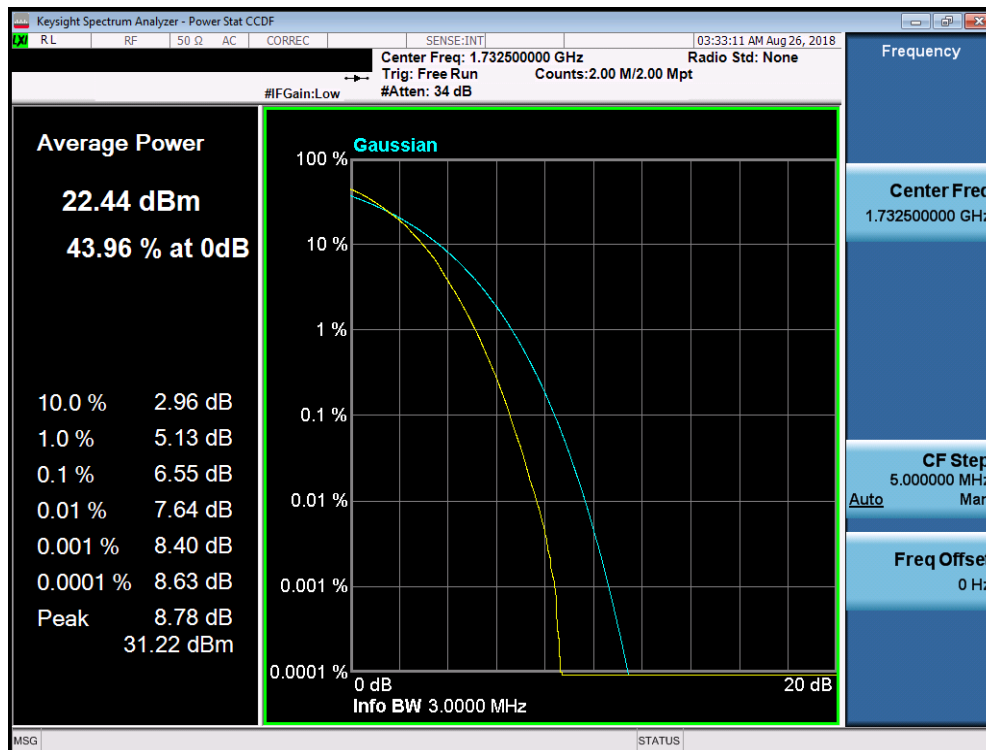


Plot 7-319. PAR Plot (Band 4 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 187 of 373



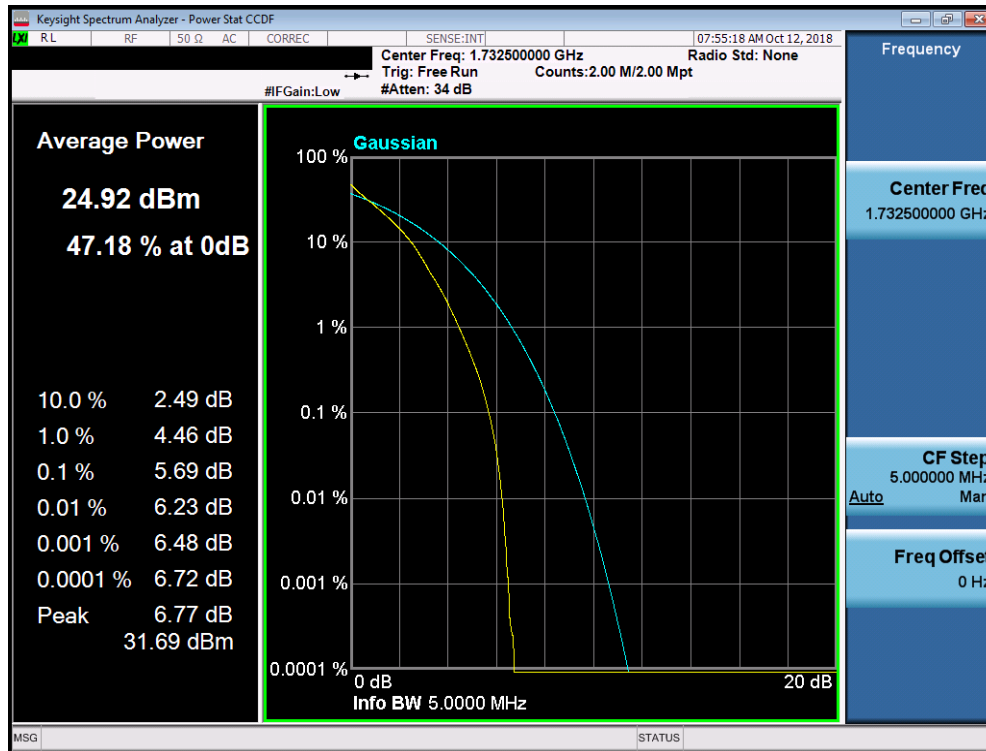
Plot 7-320. PAR Plot (Band 4 – 3.0MHz 16-QAM – RB Size 15)



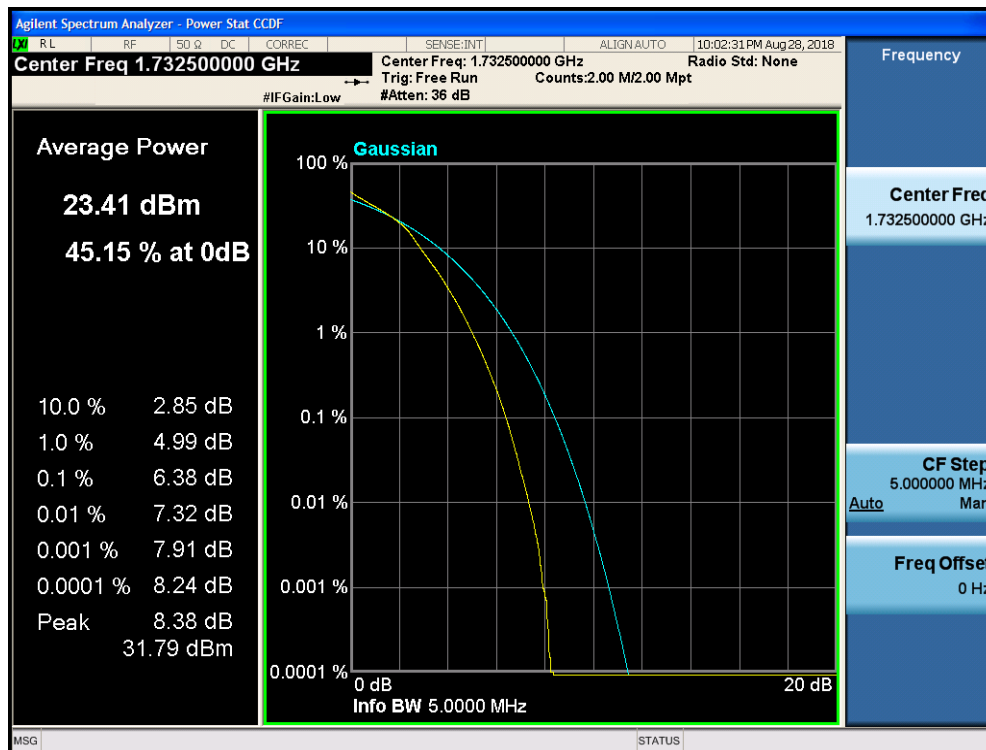
Plot 7-321. PAR Plot (Band 4 – 3.0MHz 64-QAM – RB Size 15)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 188 of 373



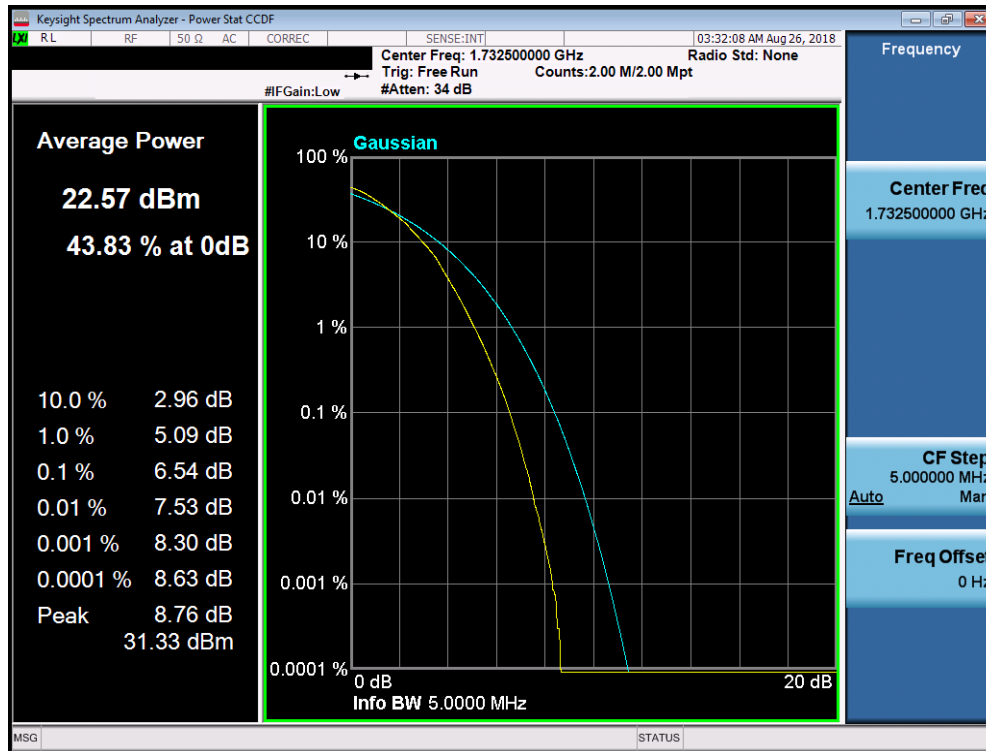


Plot 7-322. PAR Plot (Band 4 – 5.0MHz QPSK – RB Size 25)

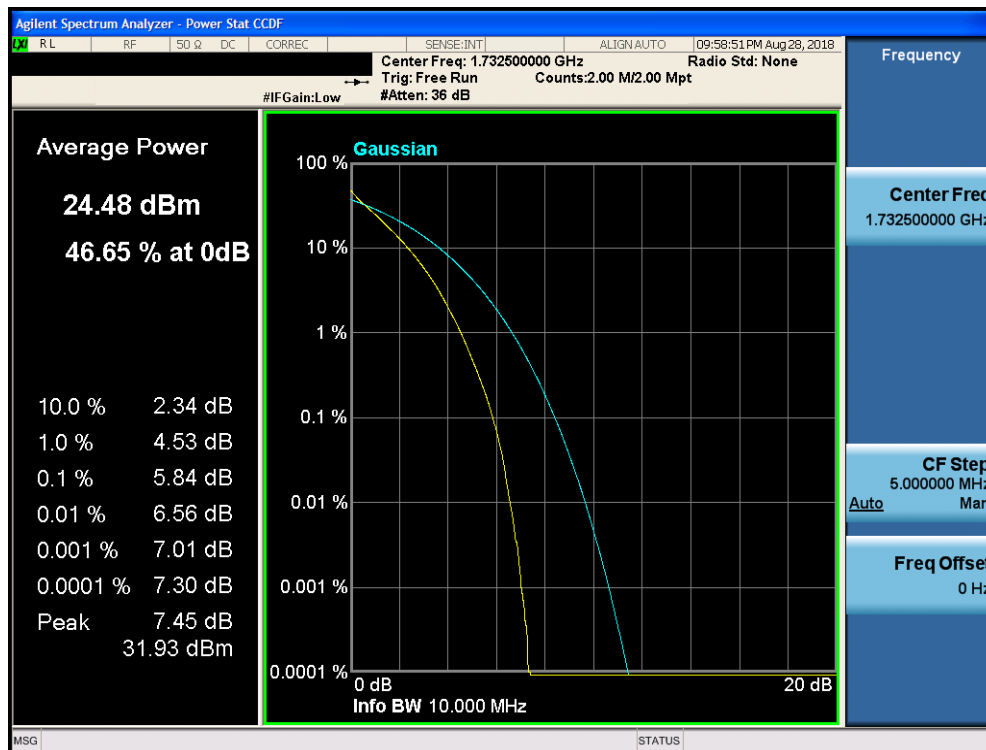


Plot 7-323. PAR Plot (Band 4 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 189 of 373

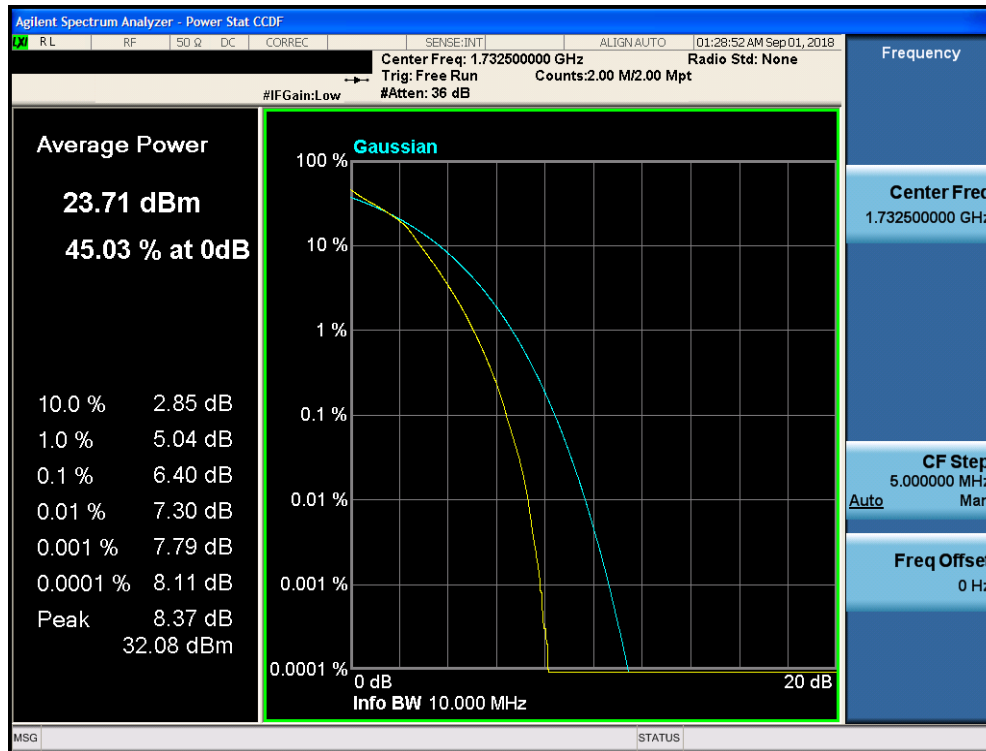


Plot 7-324. PAR Plot (Band 4 – 5.0MHz 64-QAM – RB Size 25)

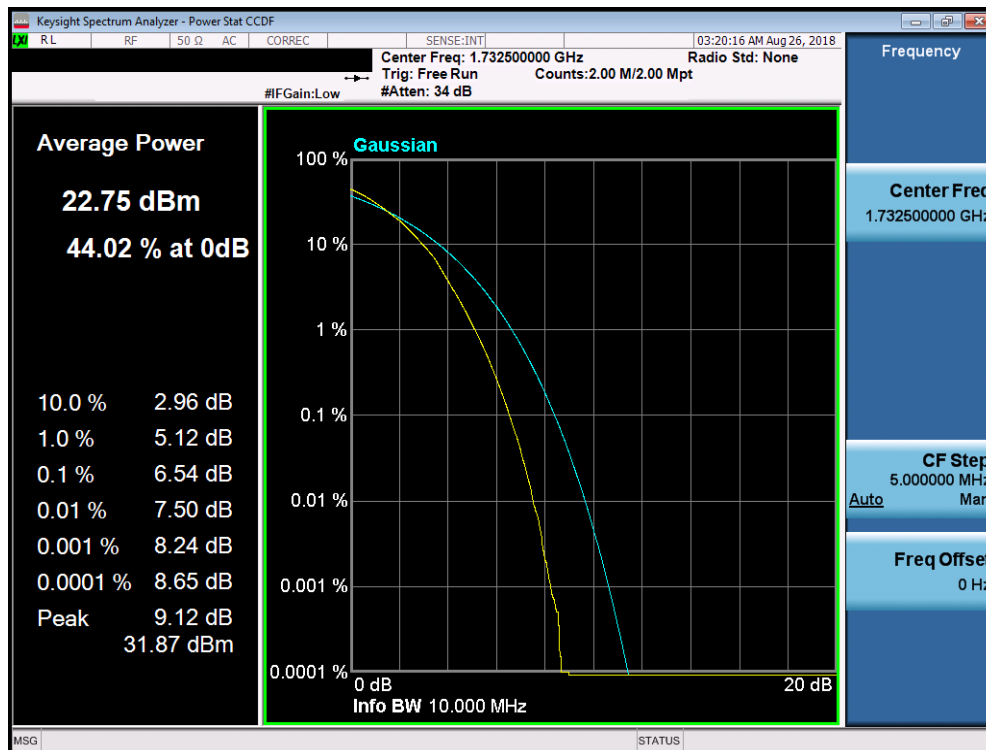


Plot 7-325. PAR Plot (Band 4 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 190 of 373

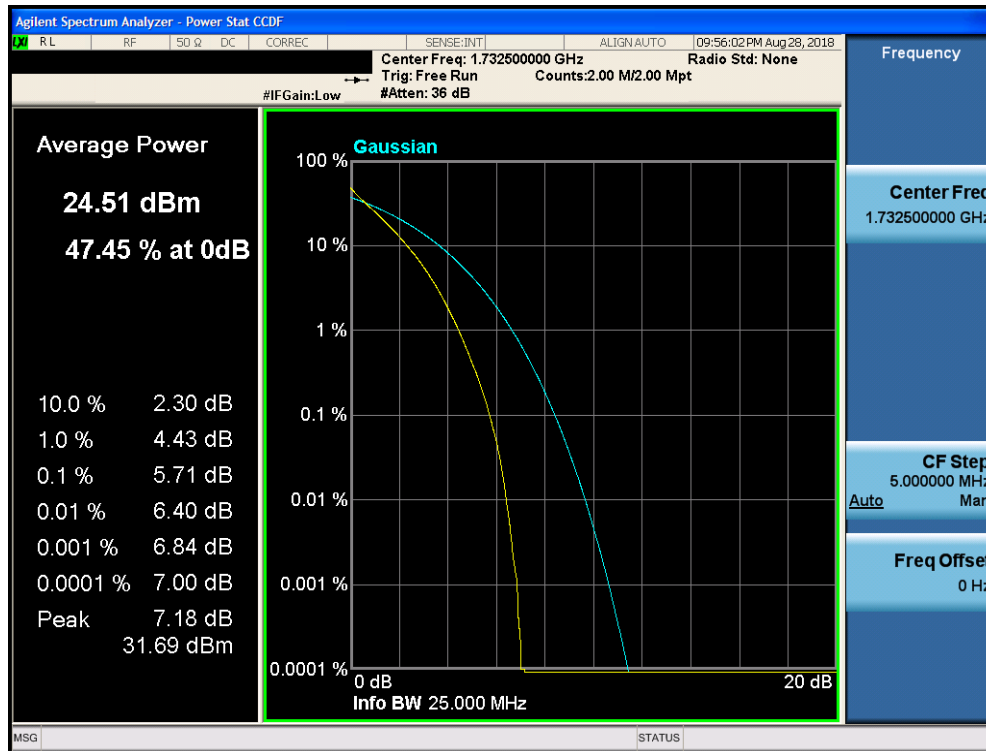


Plot 7-326. PAR Plot (Band 4 – 10.0MHz 16-QAM – RB Size 50)

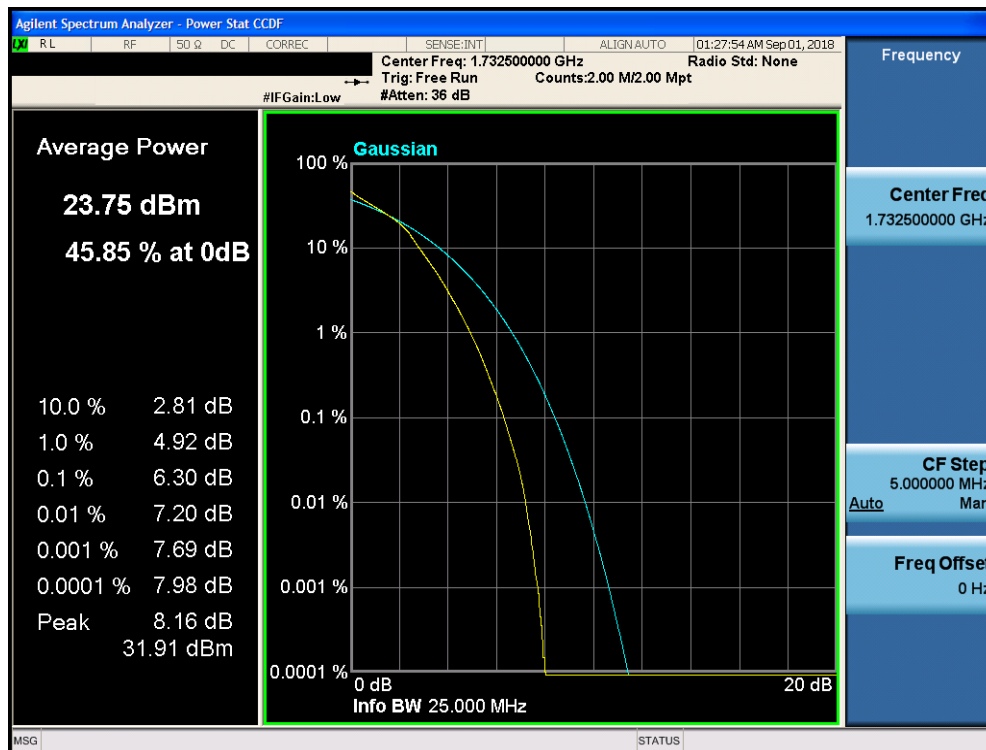


Plot 7-327. PAR Plot (Band 4 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 191 of 373

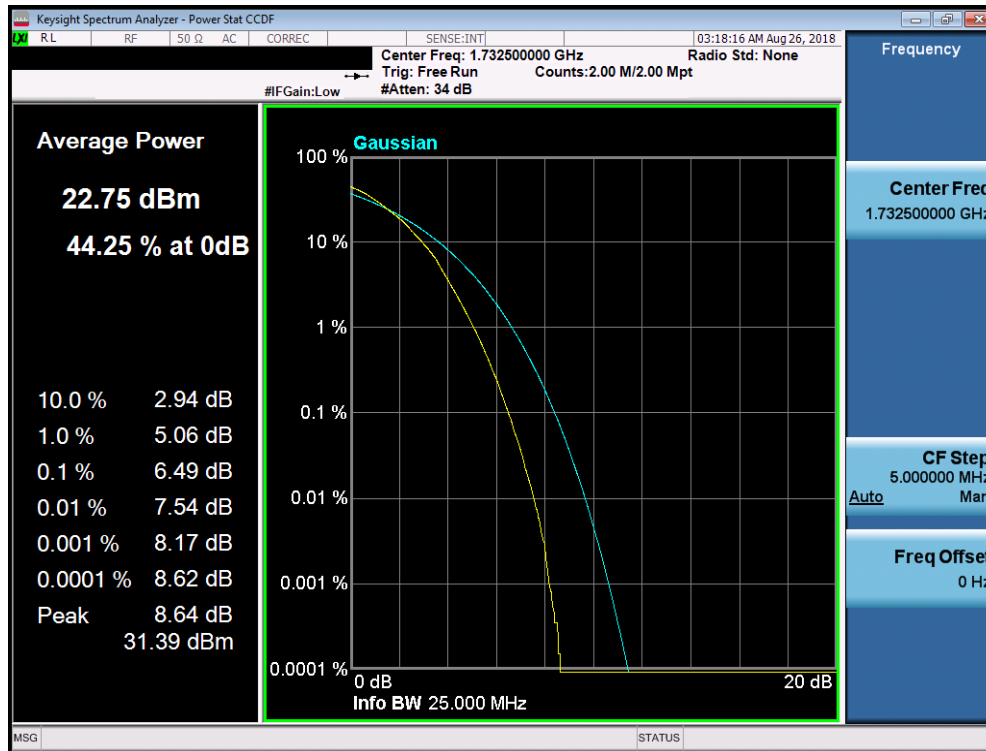


Plot 7-328. PAR Plot (Band 4 – 15.0MHz QPSK – RB Size 75)

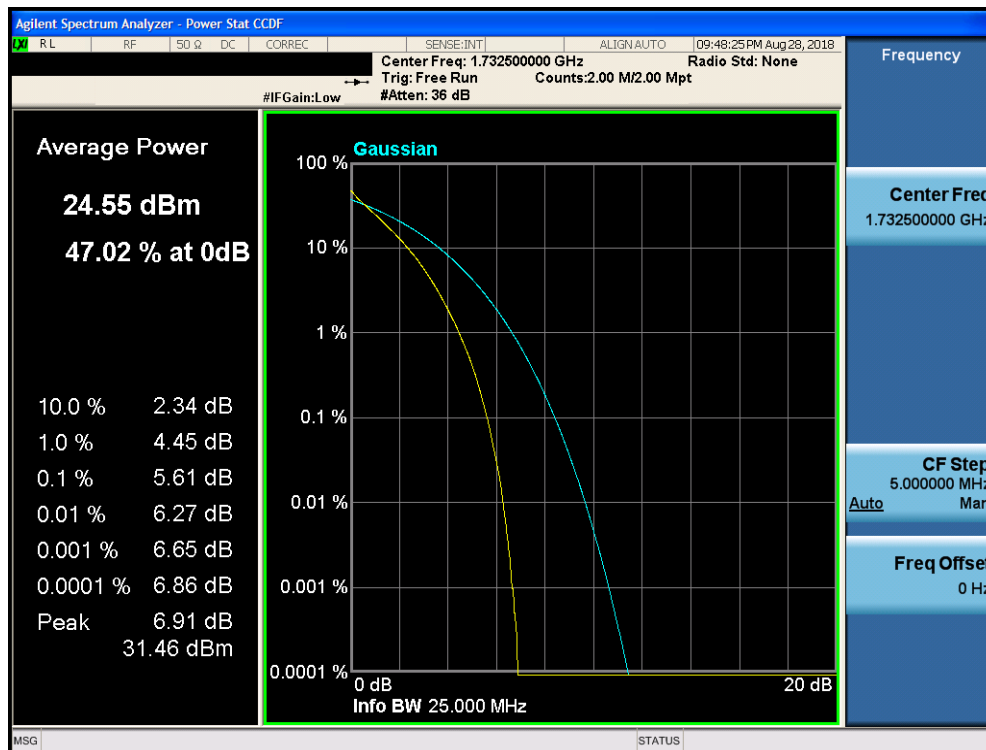


Plot 7-329. PAR Plot (Band 4 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 192 of 373

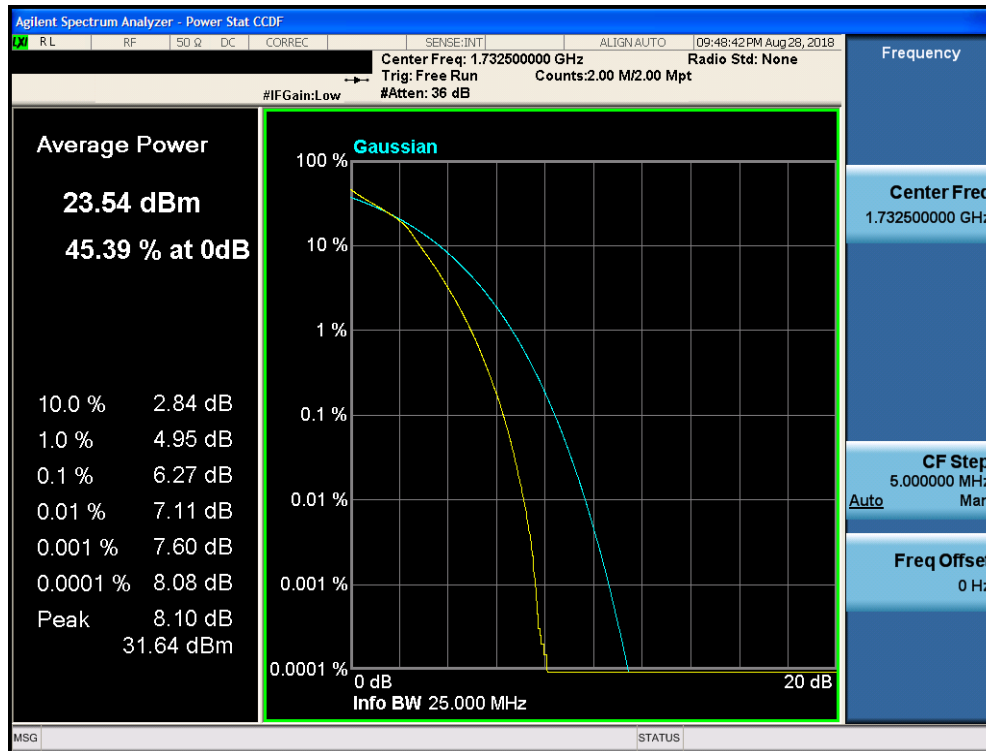


Plot 7-330. PAR Plot (Band 4 – 15.0MHz 64-QAM – RB Size 75)

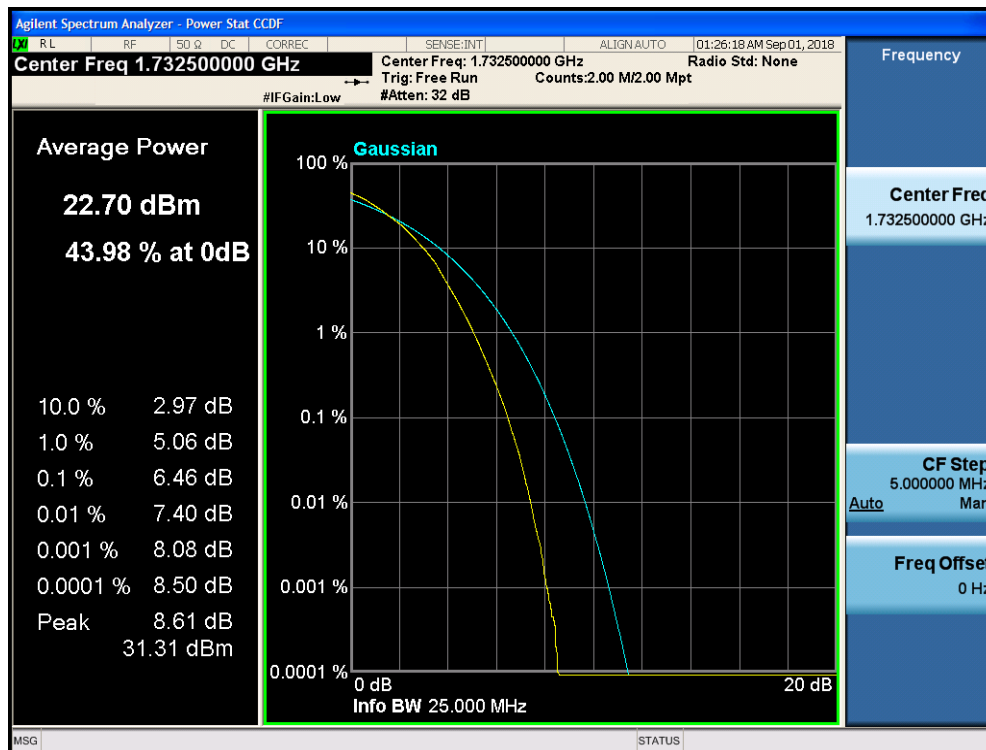


Plot 7-331. PAR Plot (Band 4 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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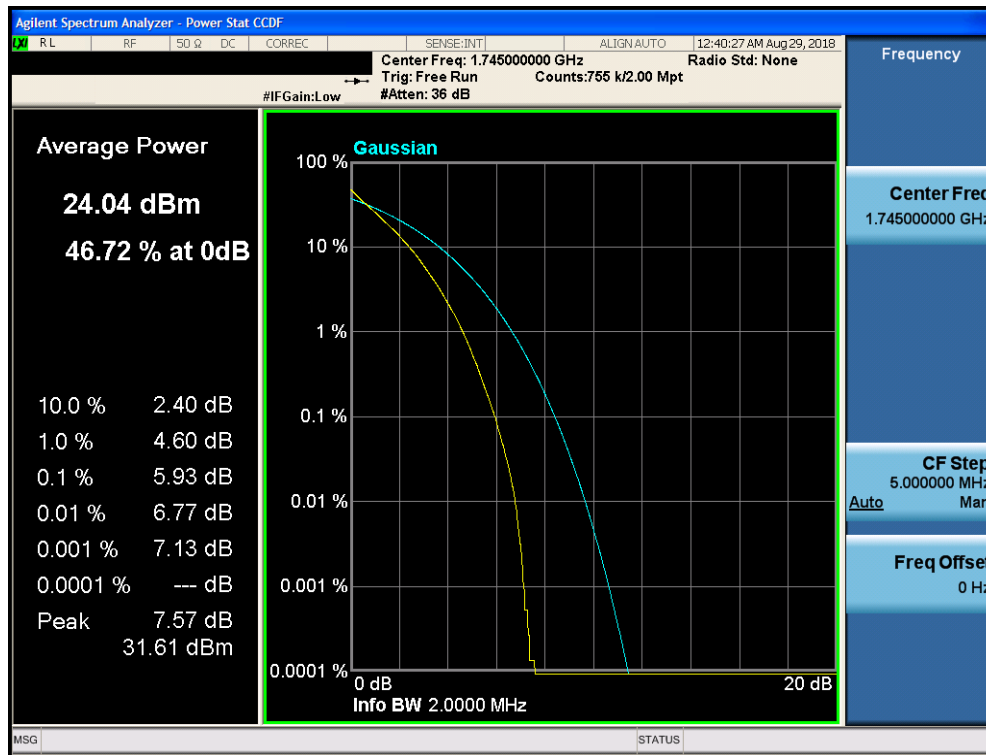
Plot 7-332. PAR Plot (Band 4 – 20.0MHz 16-QAM – RB Size 100)



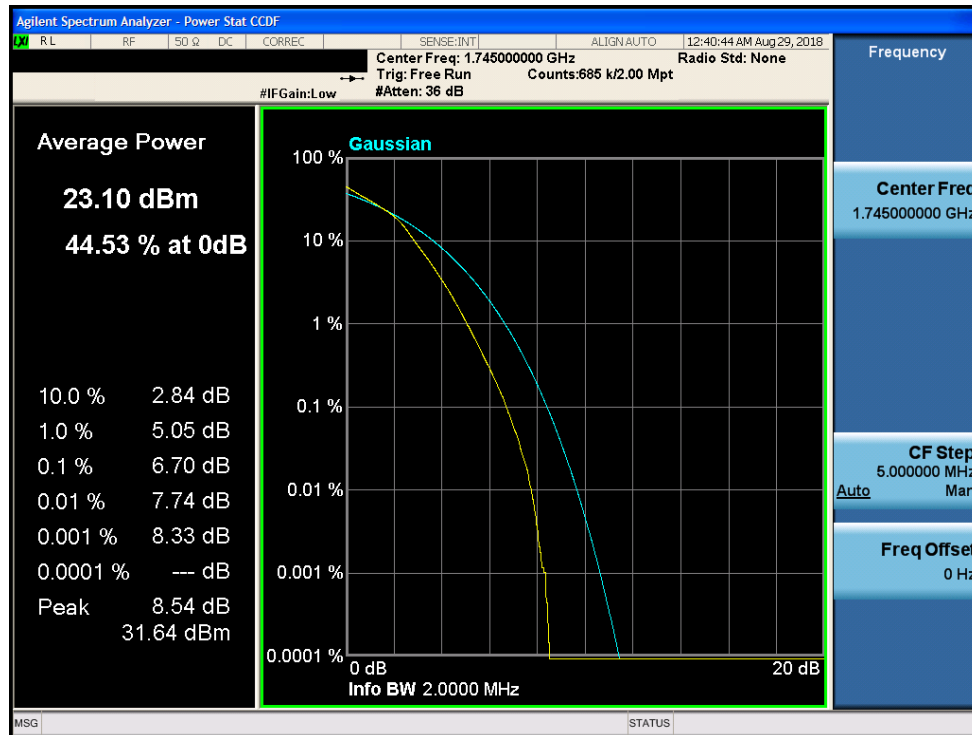
Plot 7-333. PAR Plot (Band 4 – 20.0MHz 64-QAM – RB Size 100)

FCC ID: BCGA1895	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 194 of 373

## Band 66



Plot 7-334. PAR Plot (Band 66 – 1.4MHz QPSK – RB Size 6)



Plot 7-335. PAR Plot (Band 66 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA1895	<b>PCTEST</b> ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 195 of 373