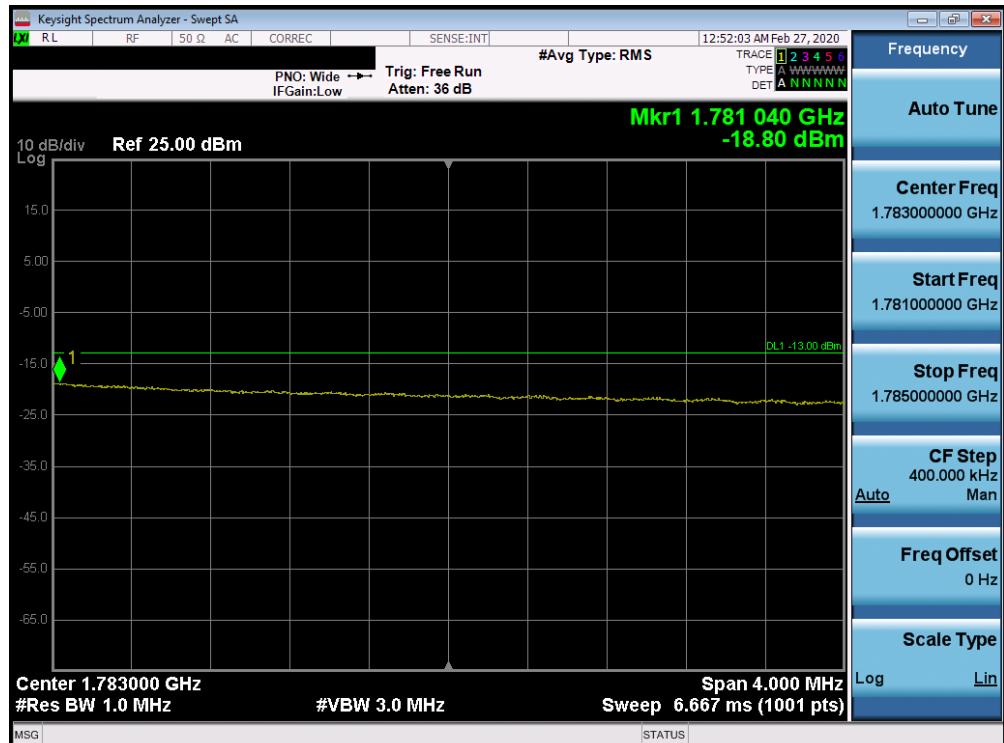




Plot 7-251. Upper Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)



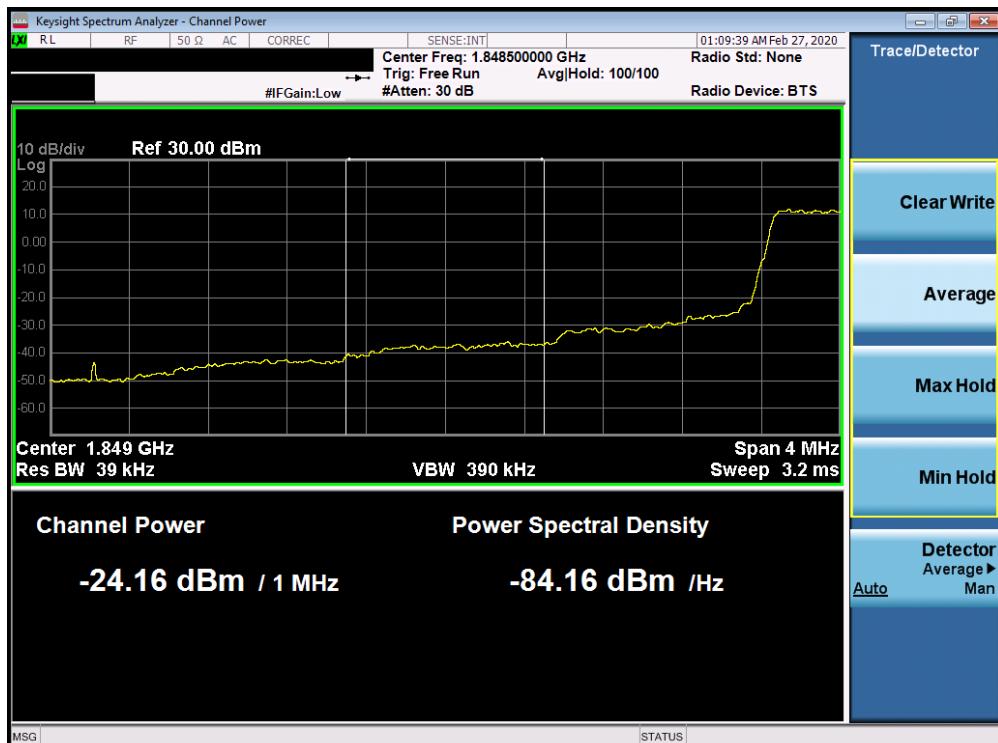
Plot 7-252. Upper Extended Band Edge Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 155 of 401

## Band 2



Plot 7-253. Lower Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

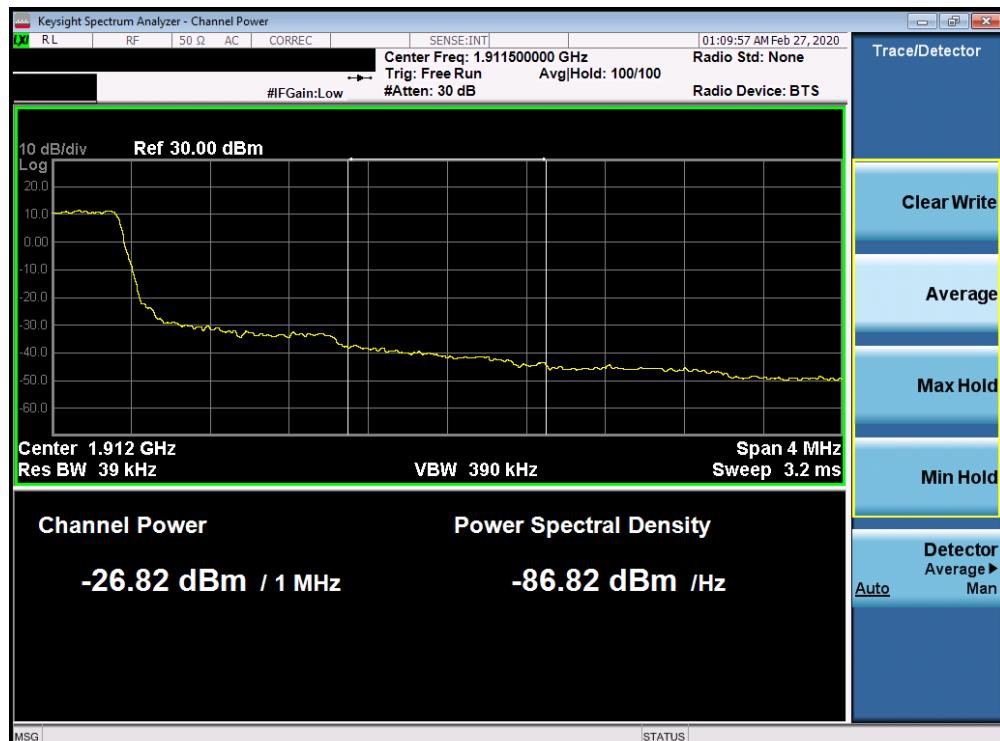


Plot 7-254. Lower Extended Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 156 of 401

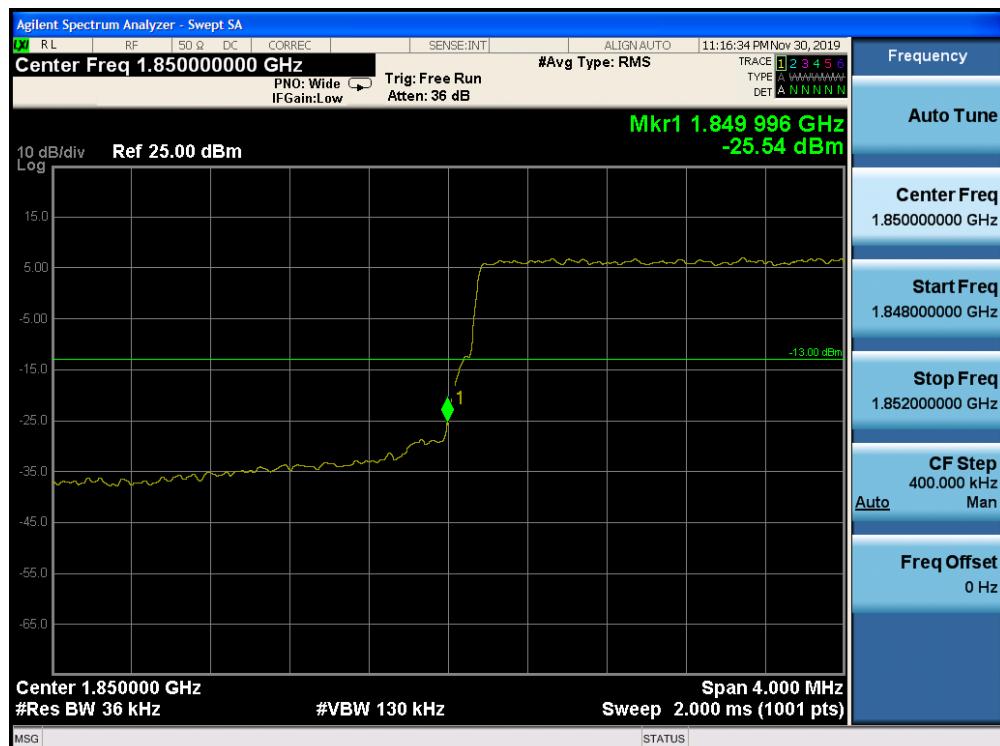


Plot 7-255. Upper Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

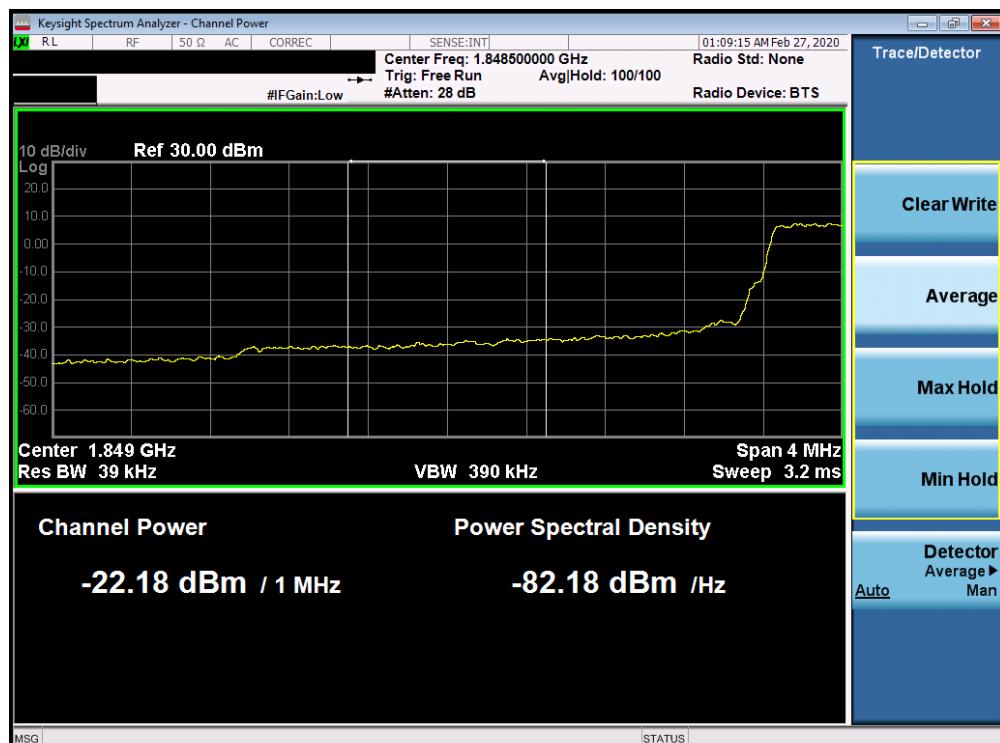


Plot 7-256. Upper Extended Band Edge Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 157 of 401



Plot 7-257. Lower Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

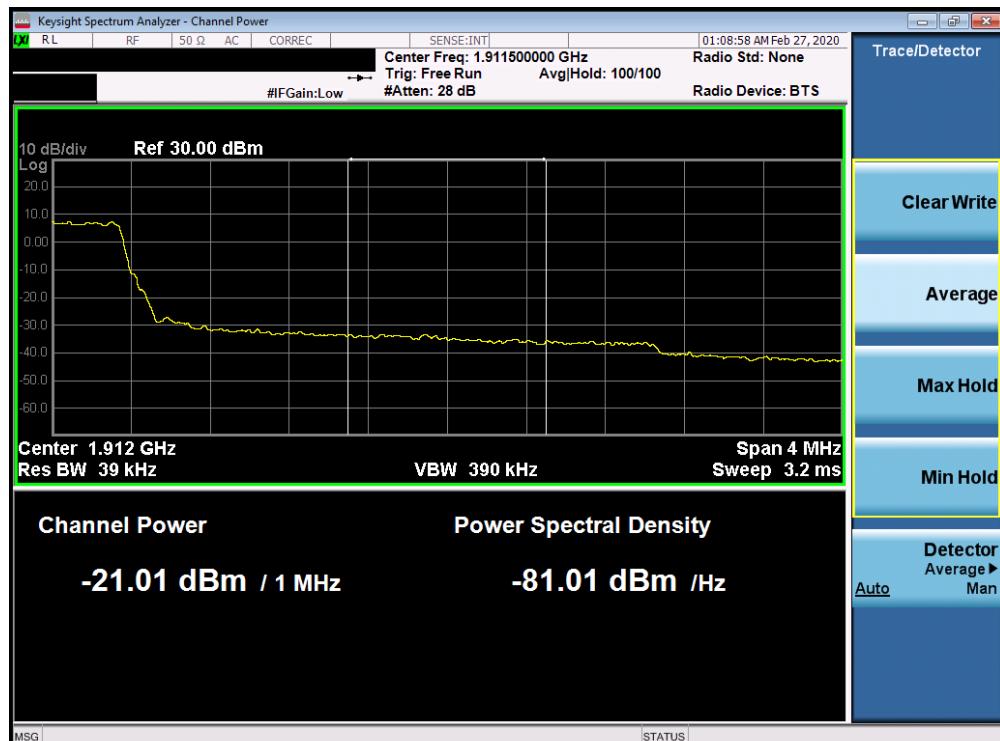


Plot 7-258. Lower Extended Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 158 of 401

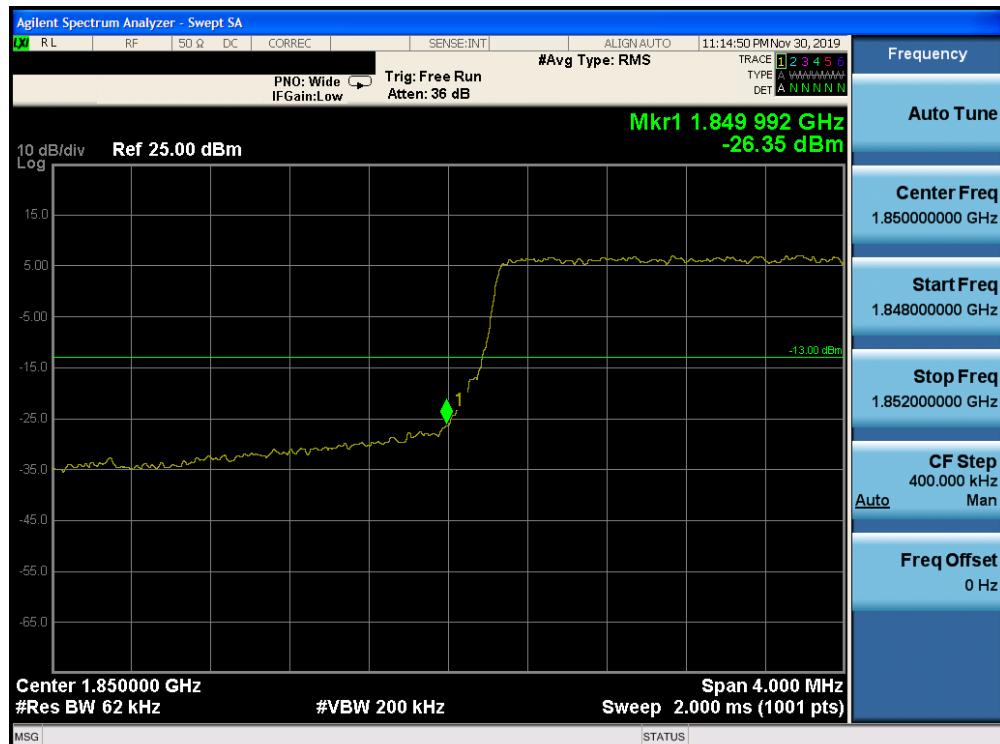


Plot 7-259. Upper Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

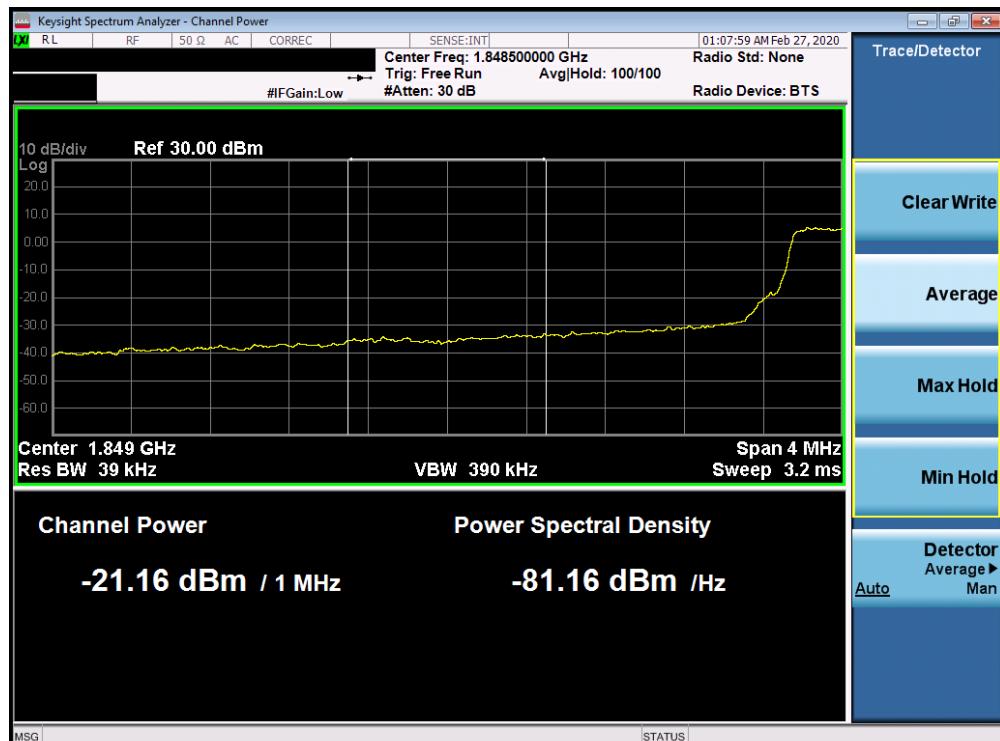


Plot 7-260. Upper Extended Band Edge Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 159 of 401



Plot 7-261. Lower Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

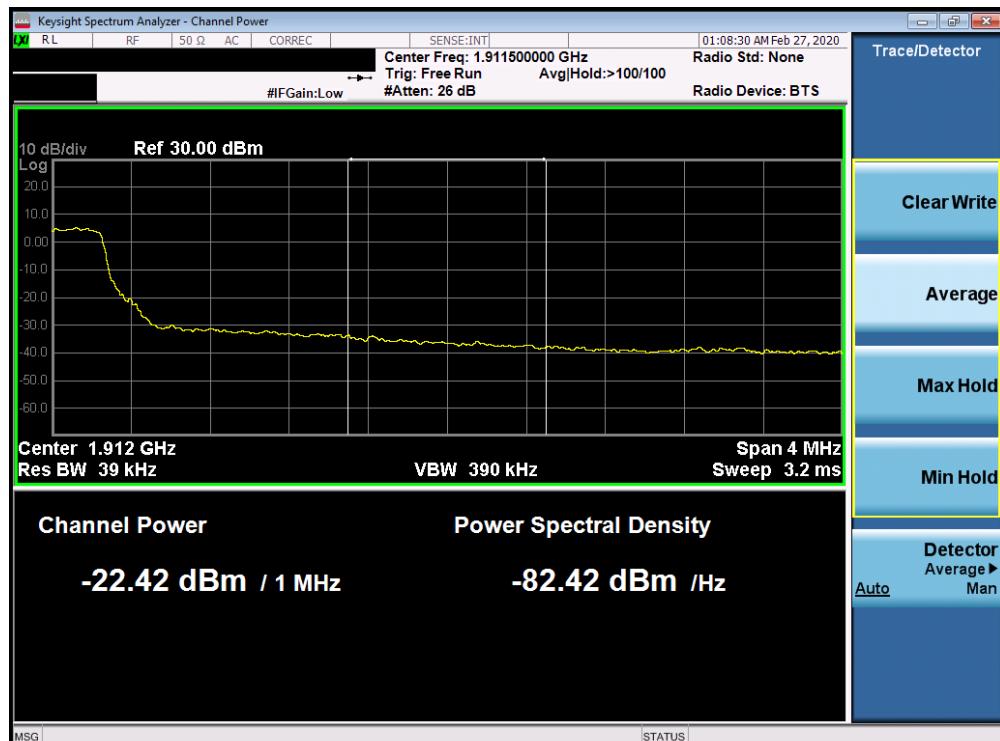


Plot 7-262. Lower Extended Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 160 of 401



Plot 7-263. Upper Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)



Channel Power

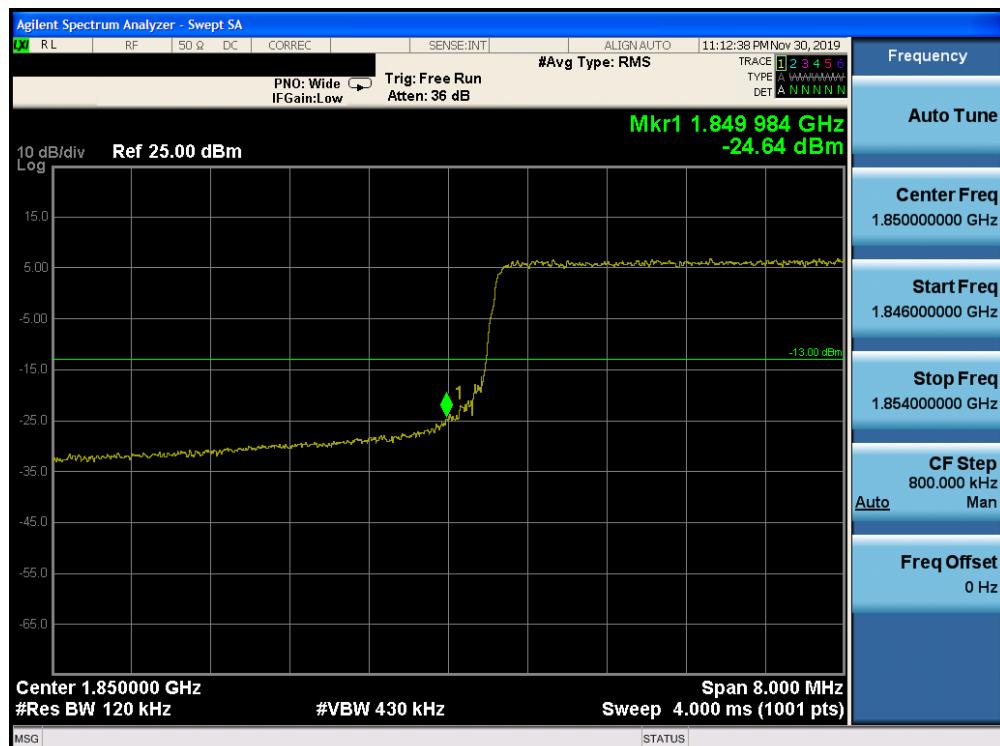
Power Spectral Density

-22.42 dBm / 1 MHz

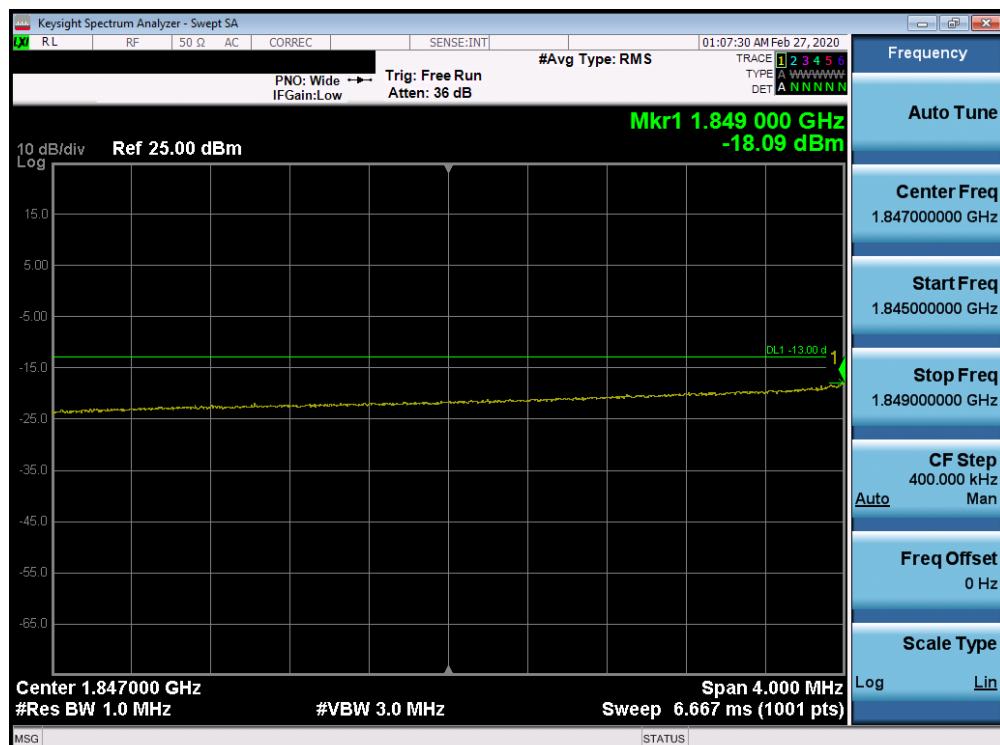
-82.42 dBm /Hz

Plot 7-264. Upper Extended Band Edge Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 161 of 401



Plot 7-265. Lower Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)



Plot 7-266. Lower Extended Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 162 of 401



Plot 7-267. Upper Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)



Plot 7-268. Upper Extended Band Edge Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 163 of 401



Plot 7-269. Lower Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

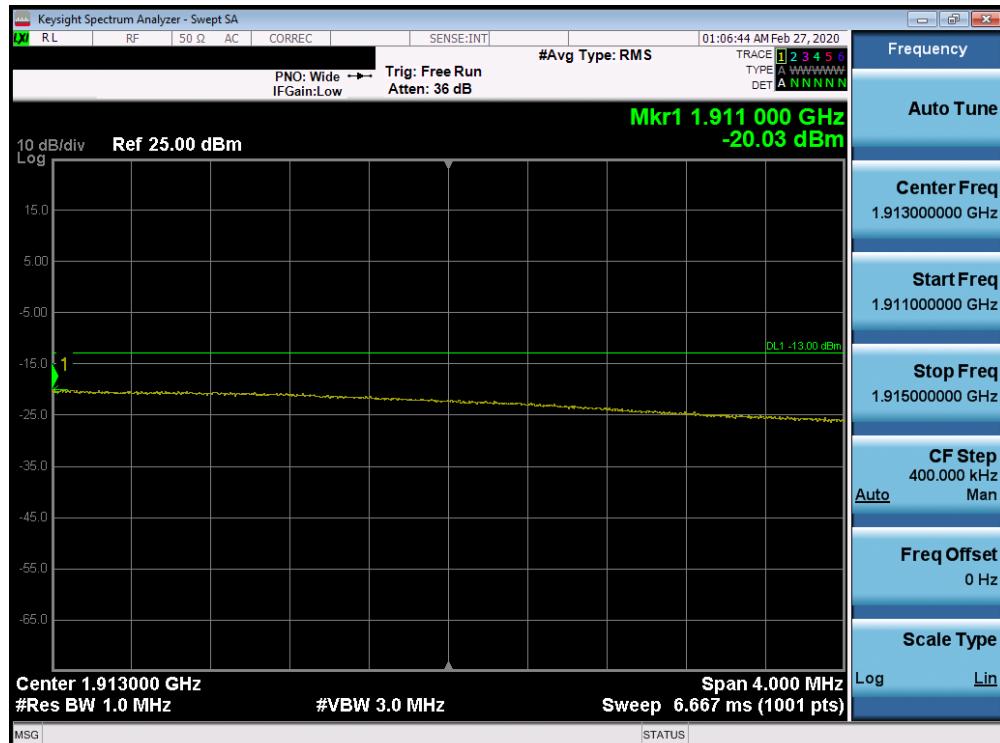


Plot 7-270. Lower Extended Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 164 of 401



Plot 7-271. Upper Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

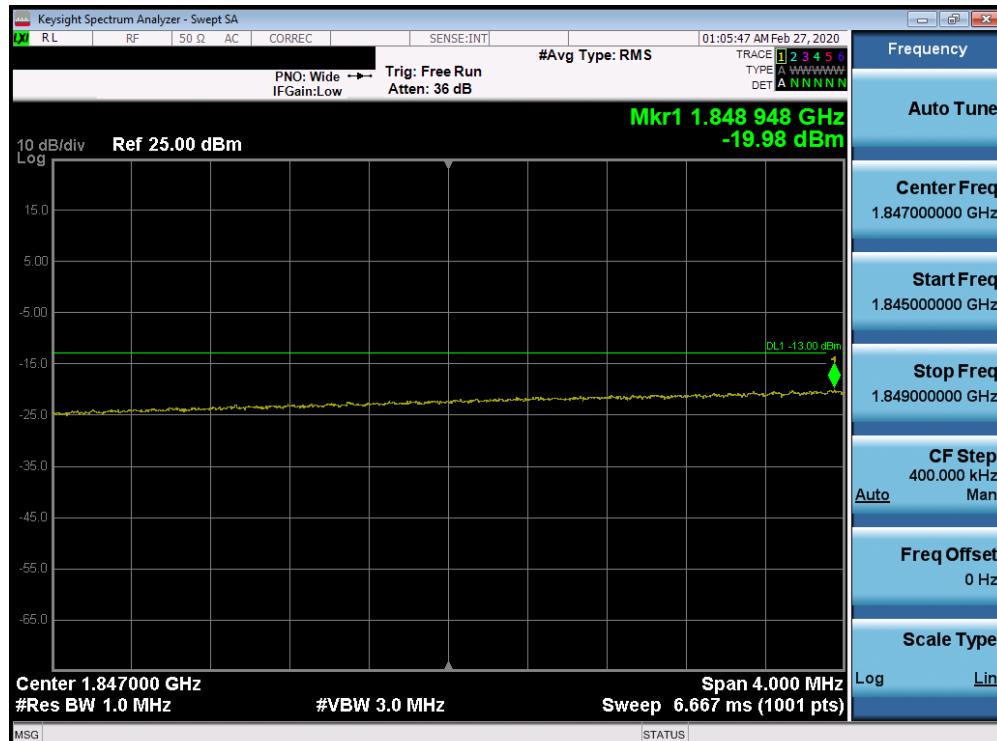


Plot 7-272. Upper Extended Band Edge Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 165 of 401



Plot 7-273. Lower Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

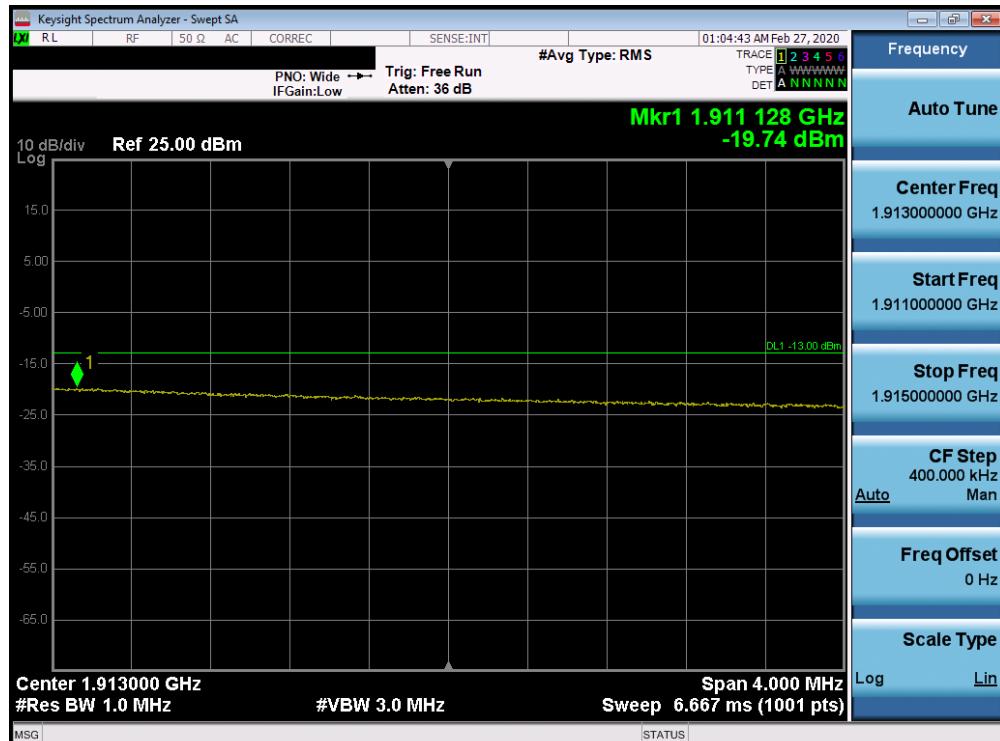


Plot 7-274. Lower Extended Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 166 of 401



Plot 7-275. Upper Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)



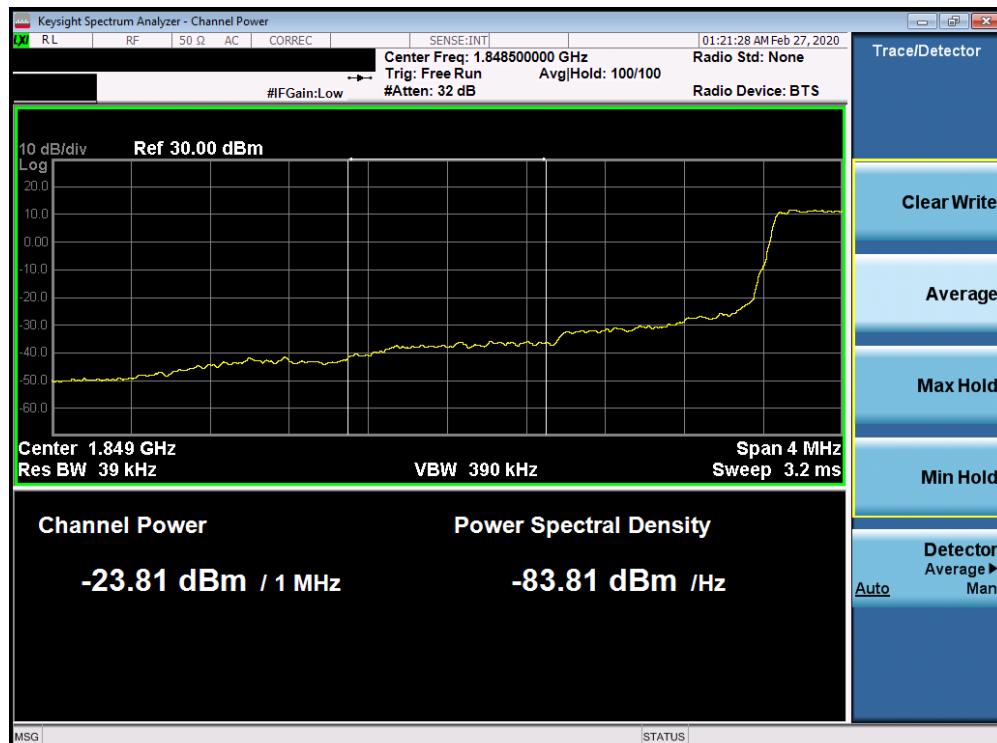
Plot 7-276. Upper Extended Band Edge Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 167 of 401

## Band 25



Plot 7-277. Lower Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

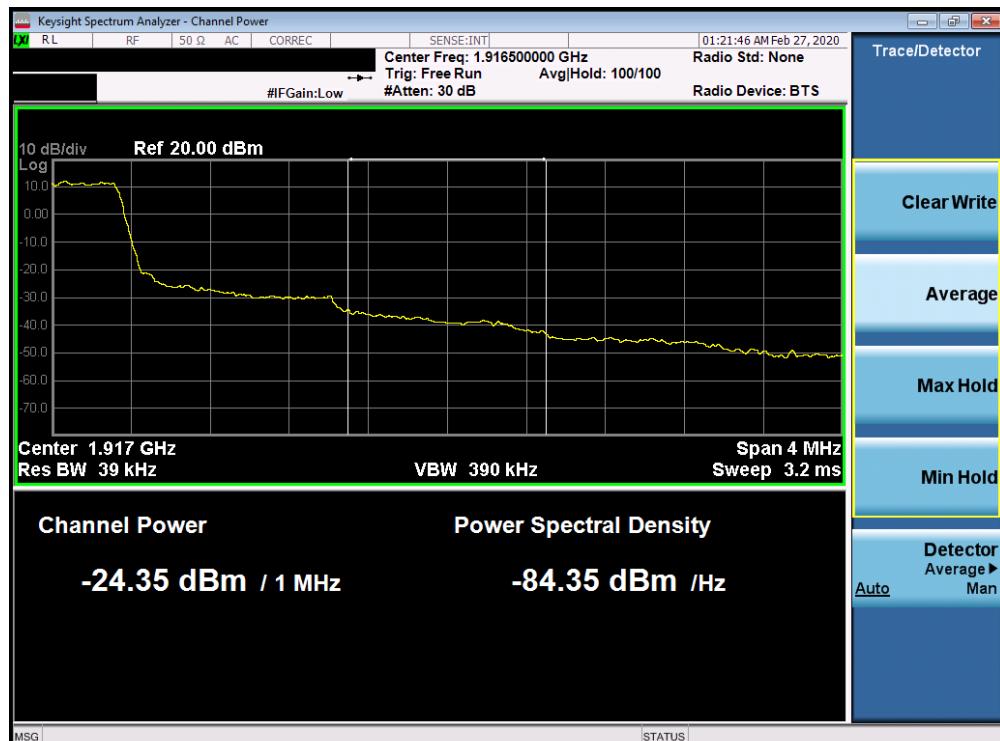


Plot 7-278. Lower Extended Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 168 of 401



Plot 7-279. Upper Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)



Channel Power

Power Spectral Density

-24.35 dBm / 1 MHz

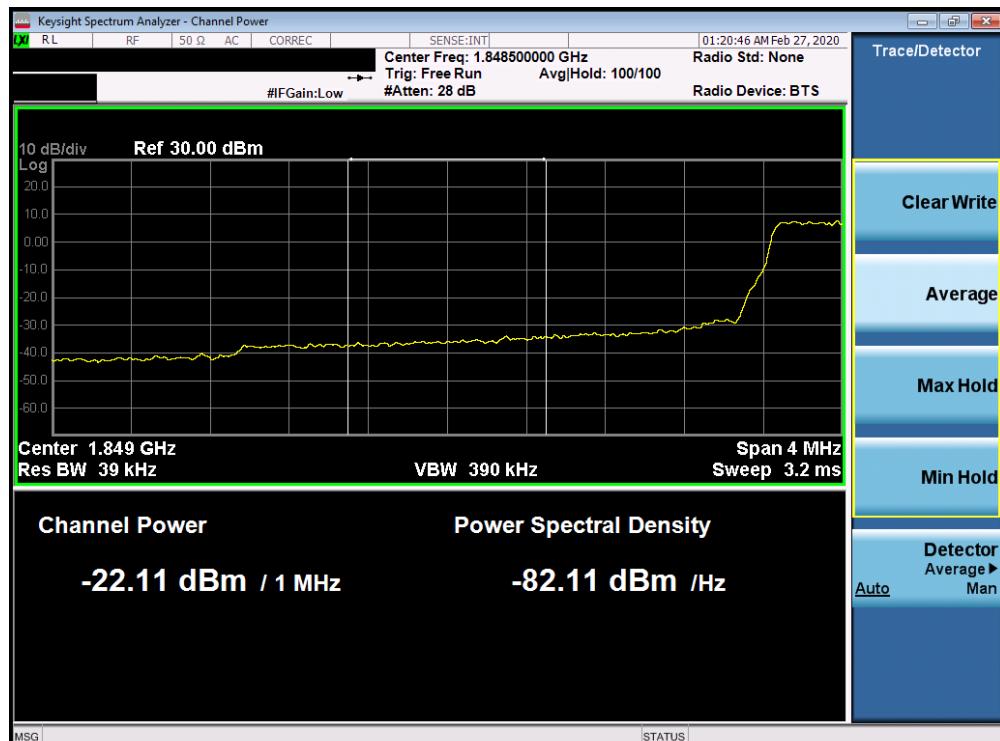
-84.35 dBm /Hz

Plot 7-280. Upper Extended Band Edge Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 169 of 401



Plot 7-281. Lower Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

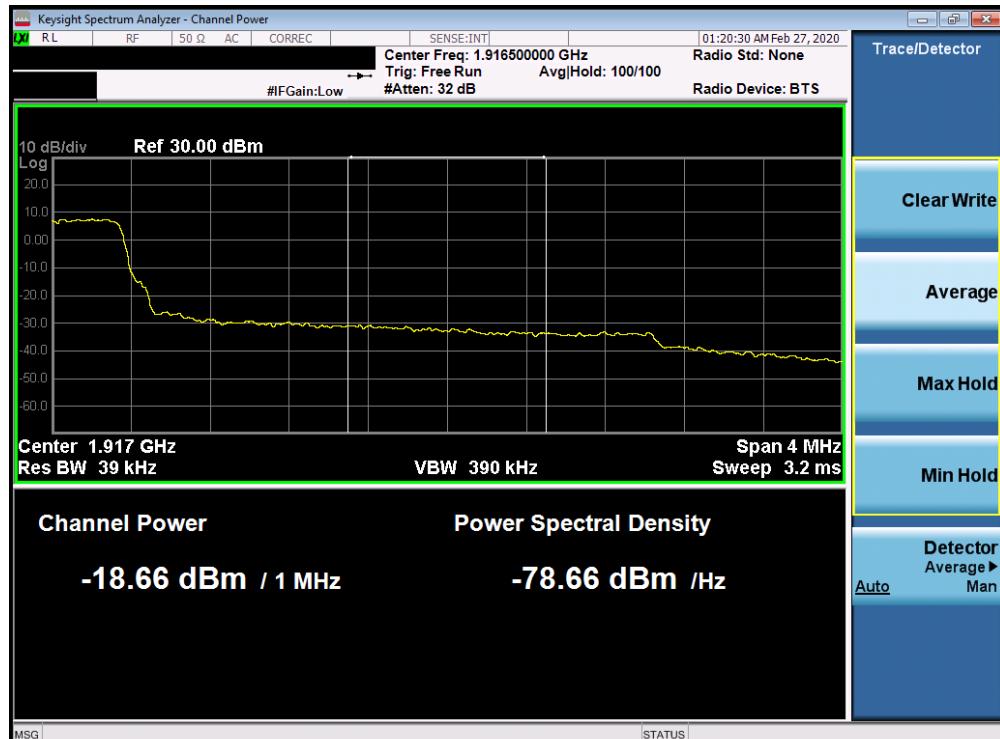


Plot 7-282. Lower Extended Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 170 of 401



Plot 7-283. Upper Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

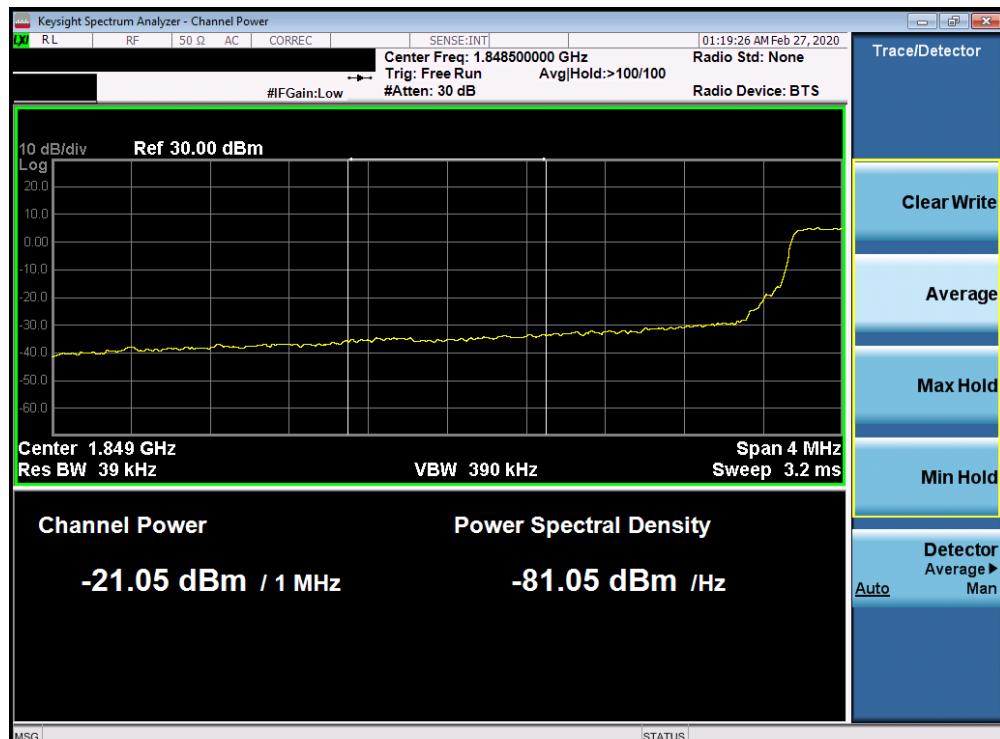


Plot 7-284. Upper Extended Band Edge Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 171 of 401



Plot 7-285. Lower Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

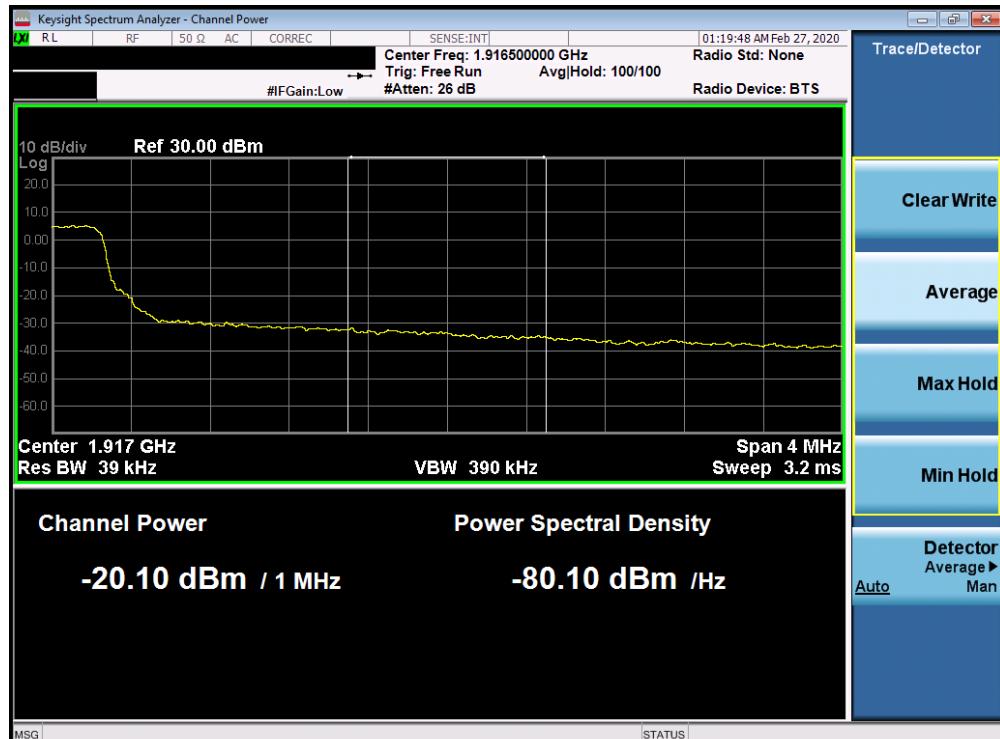


Plot 7-286. Lower Extended Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 172 of 401

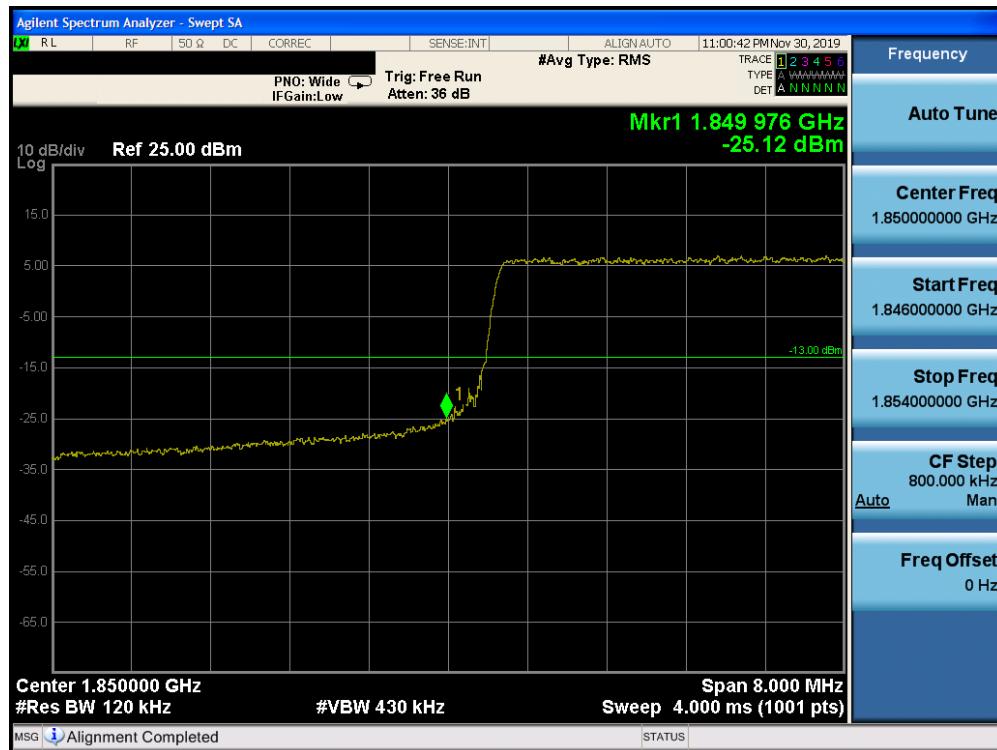


Plot 7-287. Upper Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

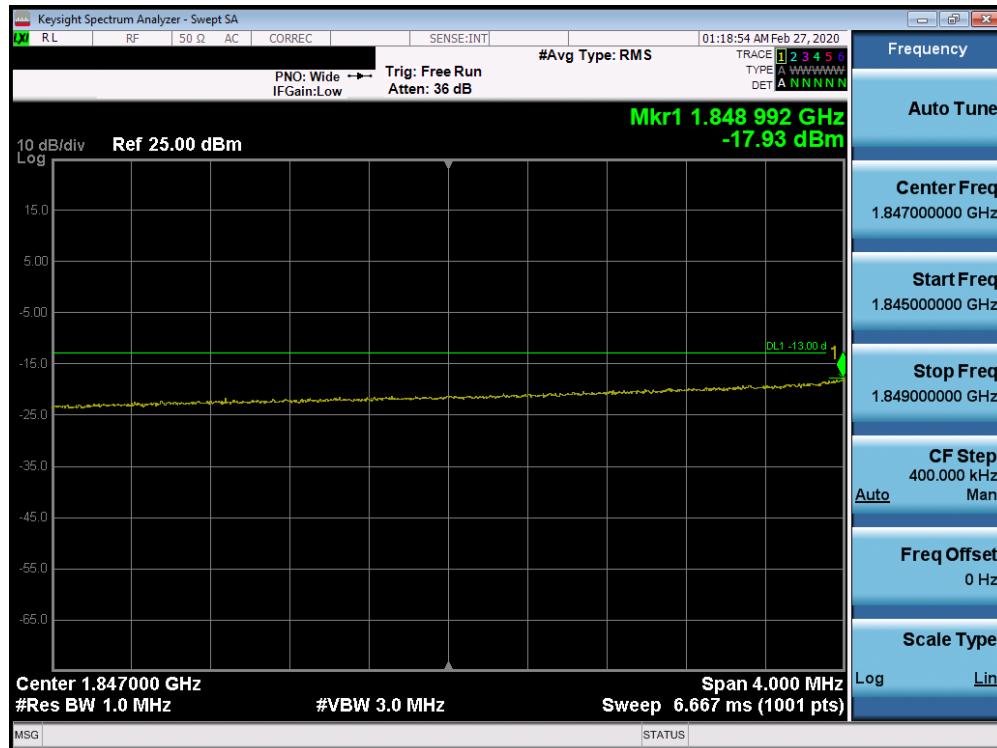


Plot 7-288. Upper Extended Band Edge Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 173 of 401



Plot 7-289. Lower Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

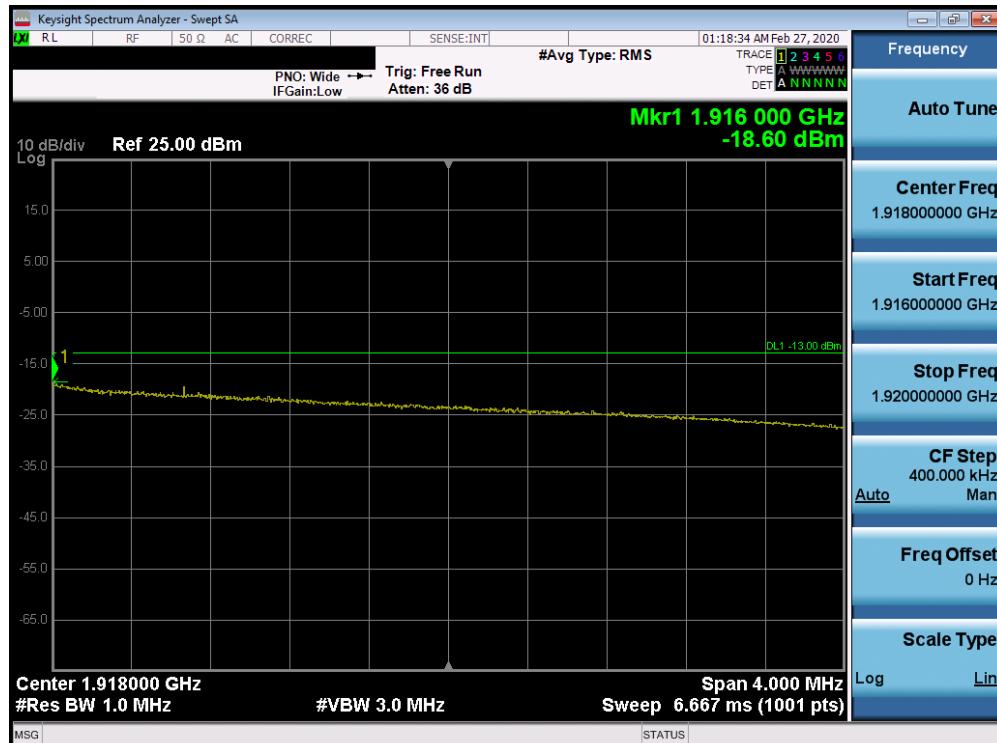


Plot 7-290. Lower Extended Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 174 of 401

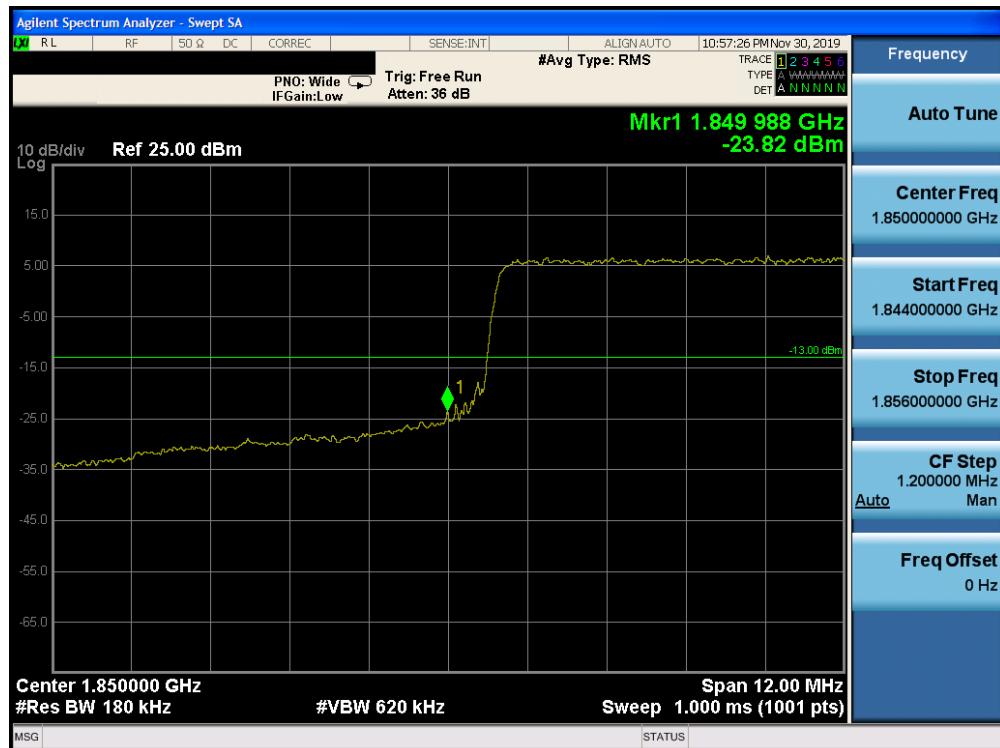


Plot 7-291. Upper Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

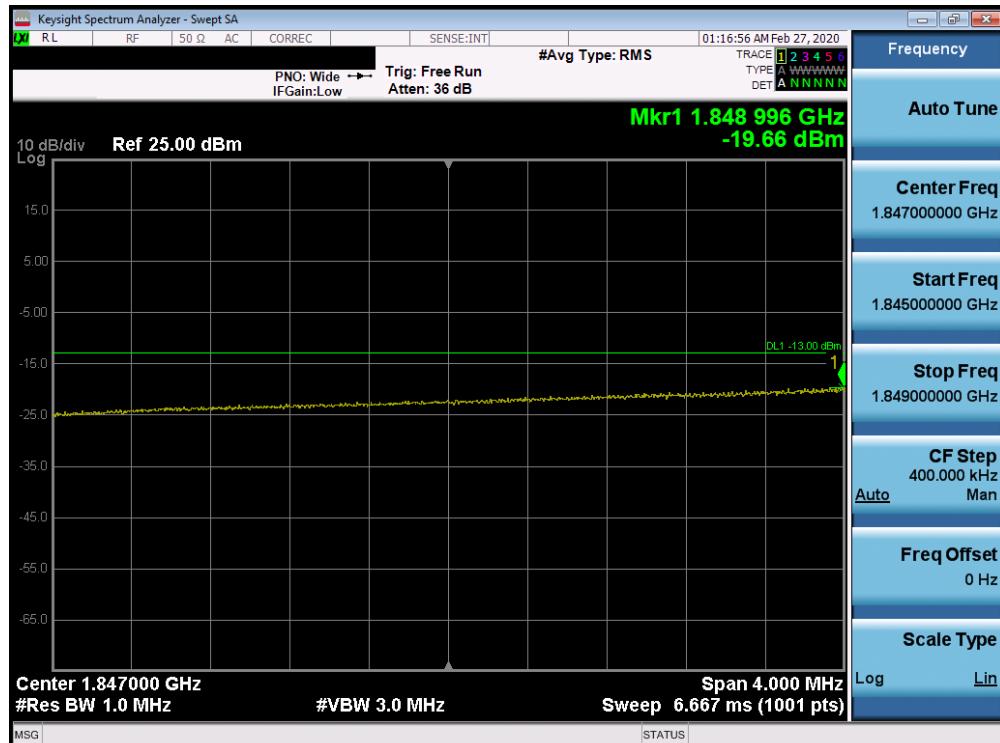


Plot 7-292. Upper Extended Band Edge Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 175 of 401



Plot 7-293. Lower Band Edge Plot (Band 25 – 15.0MHz QPSK – RB Size 75)

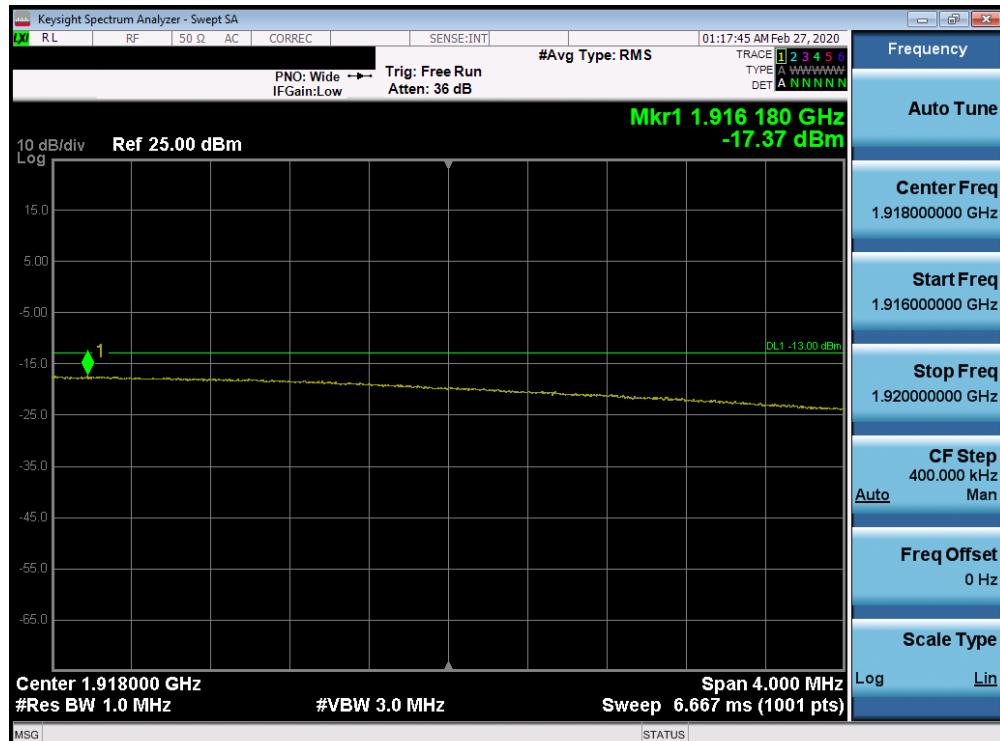


Plot 7-294. Lower Extended Band Edge Plot (Band 25 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 176 of 401



Plot 7-295. Upper Band Edge Plot (Band 25 – 15.0MHz QPSK – RB Size 75)



Plot 7-296. Upper Extended Band Edge Plot (Band 25 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 177 of 401



Plot 7-297. Lower Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

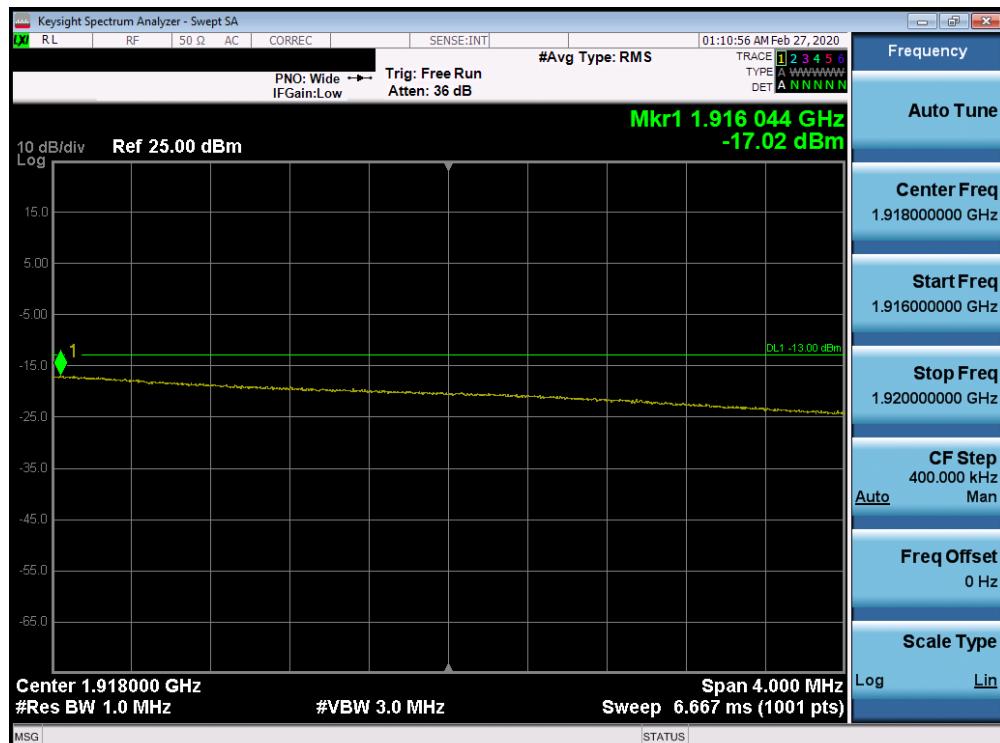


Plot 7-298. Lower Extended Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 178 of 401



Plot 7-299. Upper Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)



Plot 7-300. Upper Extended Band Edge Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 179 of 401

## Band 30



Plot 7-301. Lower Band Edge Plot (Band 30 – 5.0MHz QPSK – RB Size 25)



Plot 7-302. Lower Extended Band Edge Plot (Band 30 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 180 of 401



Plot 7-303. Upper Band Edge Plot (Band 30 – 5.0MHz QPSK – RB Size 25)



Plot 7-304. Upper Extended Band Edge Plot (Band 30 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 181 of 401



Plot 7-305. Lower Band Edge Plot (Band 30 – 10.0MHz QPSK – RB Size 50)

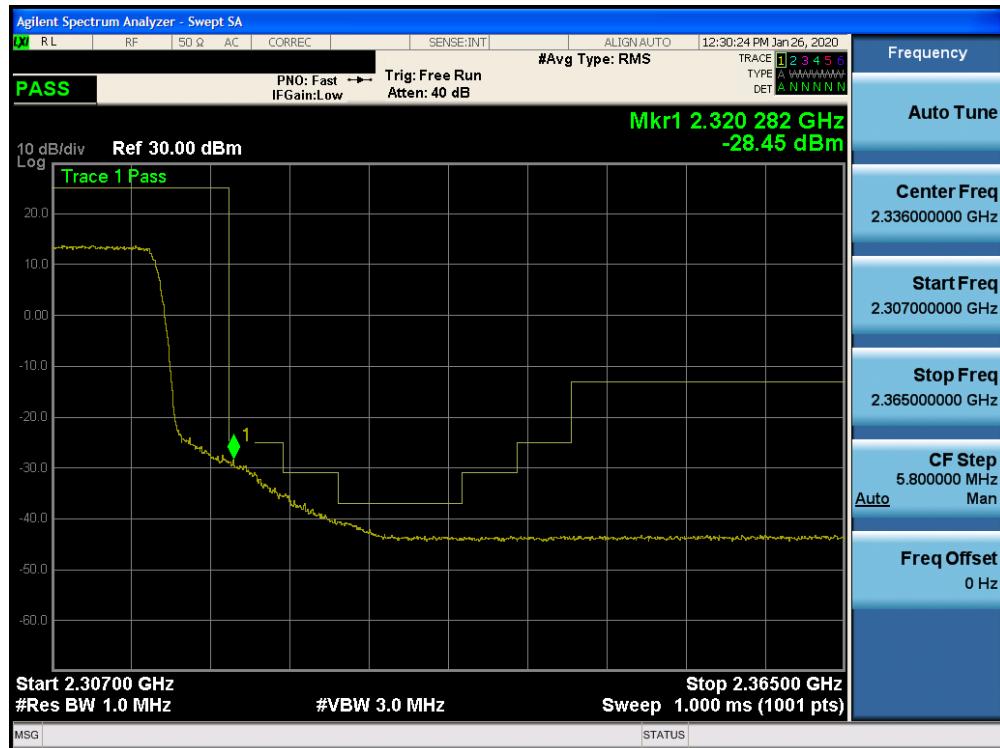


Plot 7-306. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 182 of 401



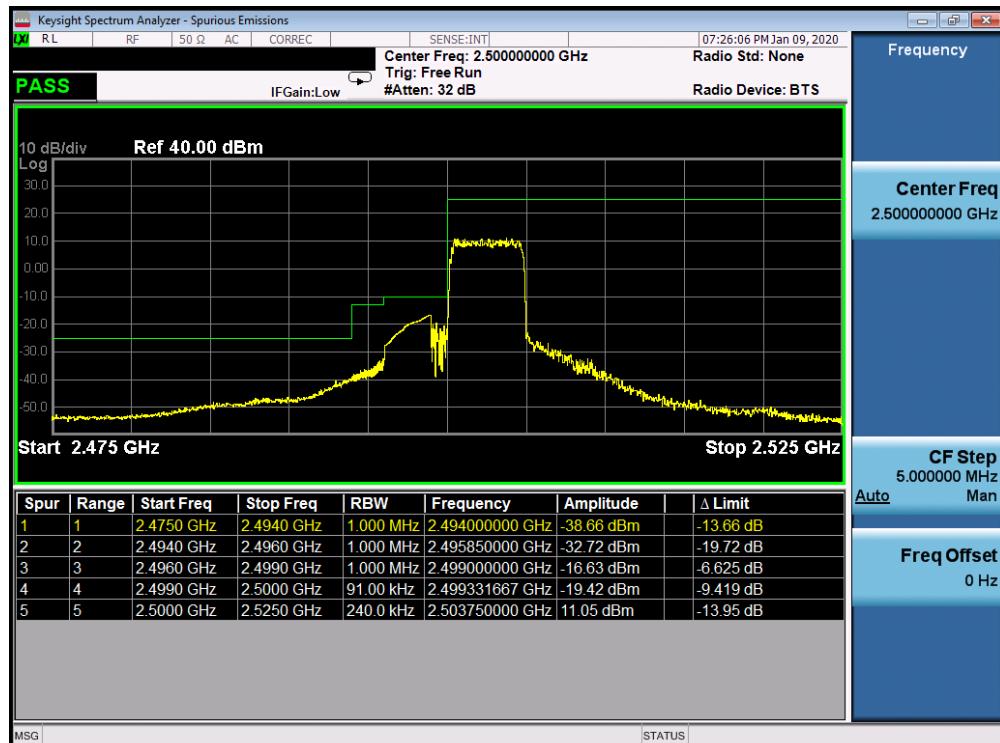
Plot 7-307. Upper Band Edge Plot (Band 30 – 10.0MHz QPSK – RB Size 50)



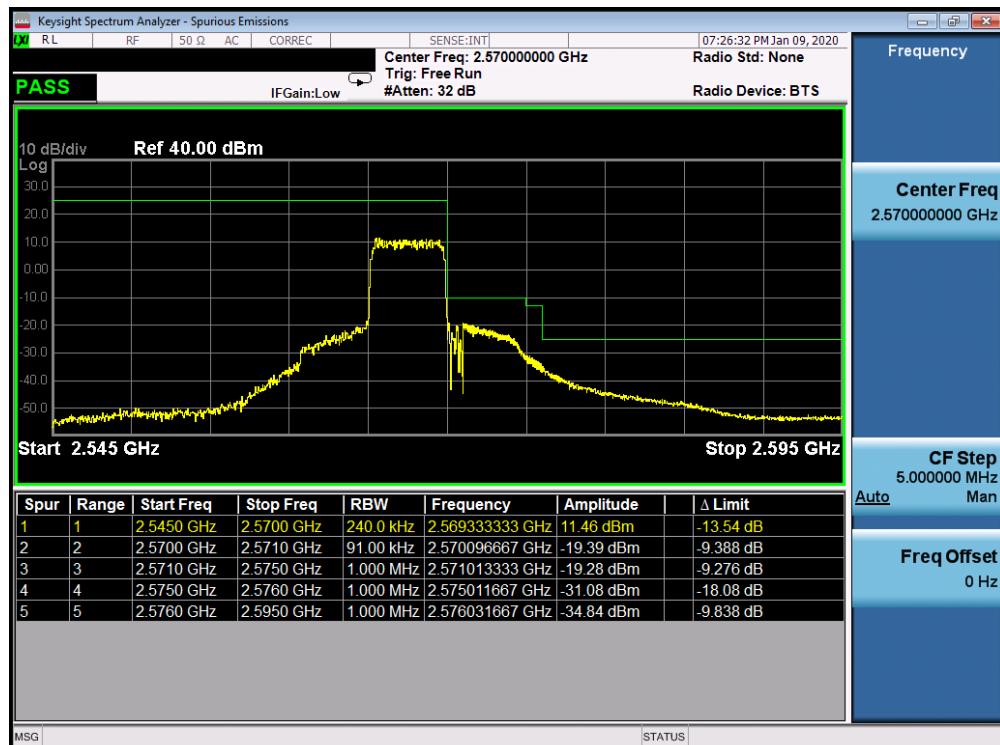
Plot 7-308. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 183 of 401

## Band 7

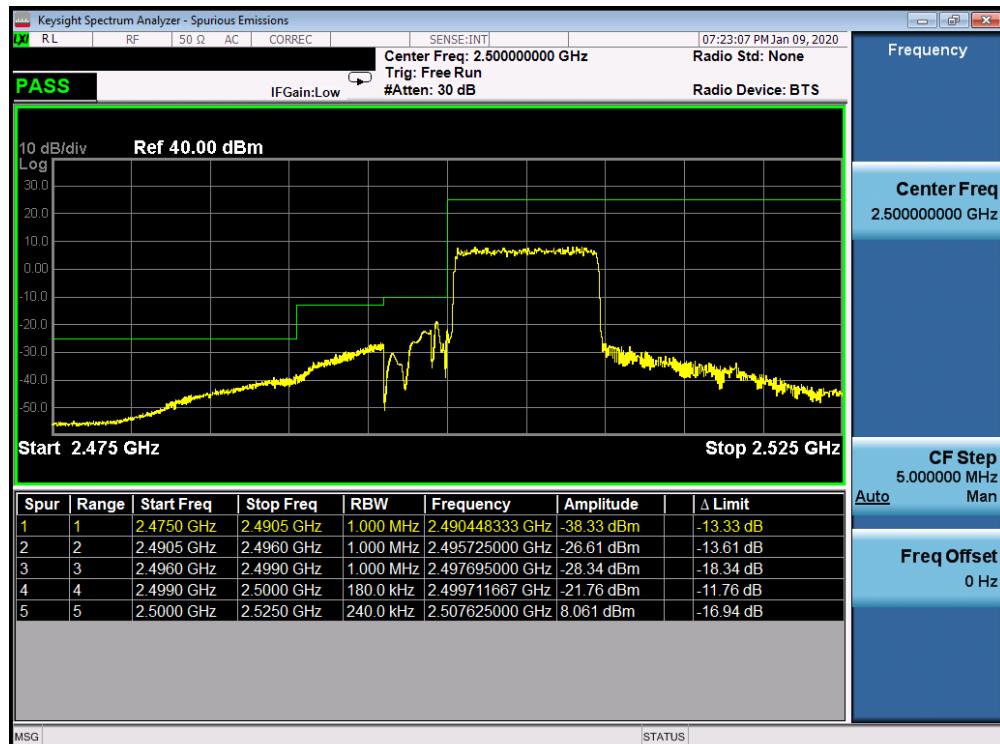


Plot 7-309. Lower ACP Plot (Band 7 – 5.0MHz QPSK – RB Size 25)



Plot 7-310. Upper ACP Plot (Band 7 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device		Page 184 of 401



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



Plot 7-312. Upper ACP Plot (Band 7 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 185 of 401

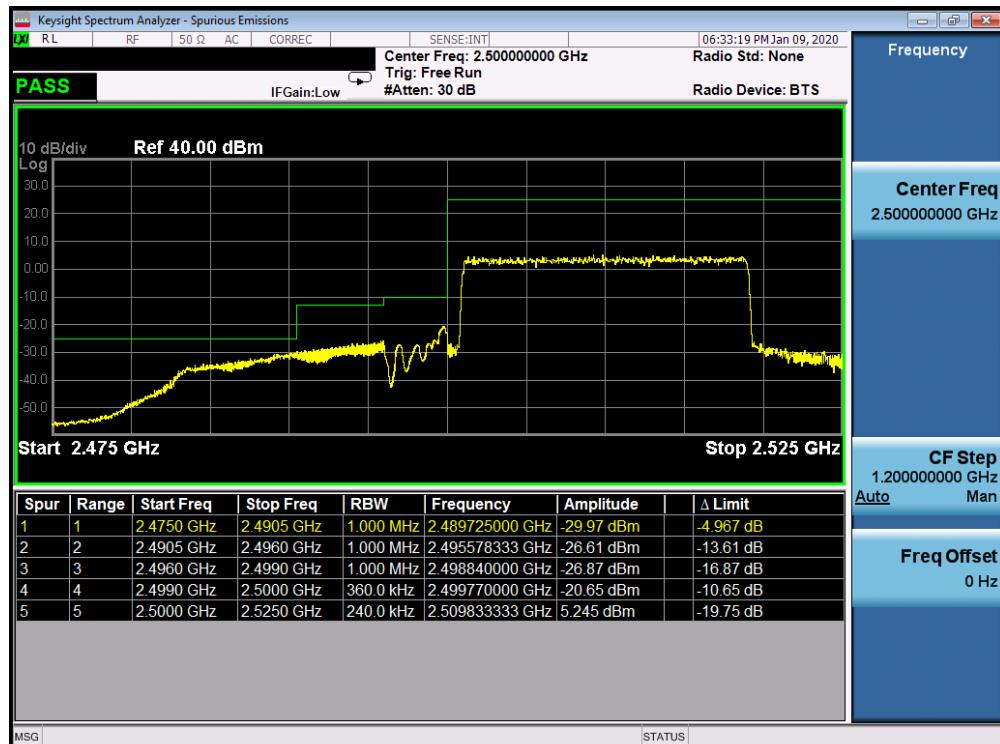


Plot 7-313. Lower ACP Plot (Band 7 – 15.0MHz QPSK – RB Size 75)



Plot 7-314. Upper ACP Plot (Band 7 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device		Page 186 of 401



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



Plot 7-316. Upper ACP Plot (Band 7 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 187 of 401	

## Band 41



Plot 7-317. Lower ACP Plot (Band 41 – 5.0MHz QPSK – RB Size 25)



Plot 7-318. Upper ACP Plot (Band 41 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device			

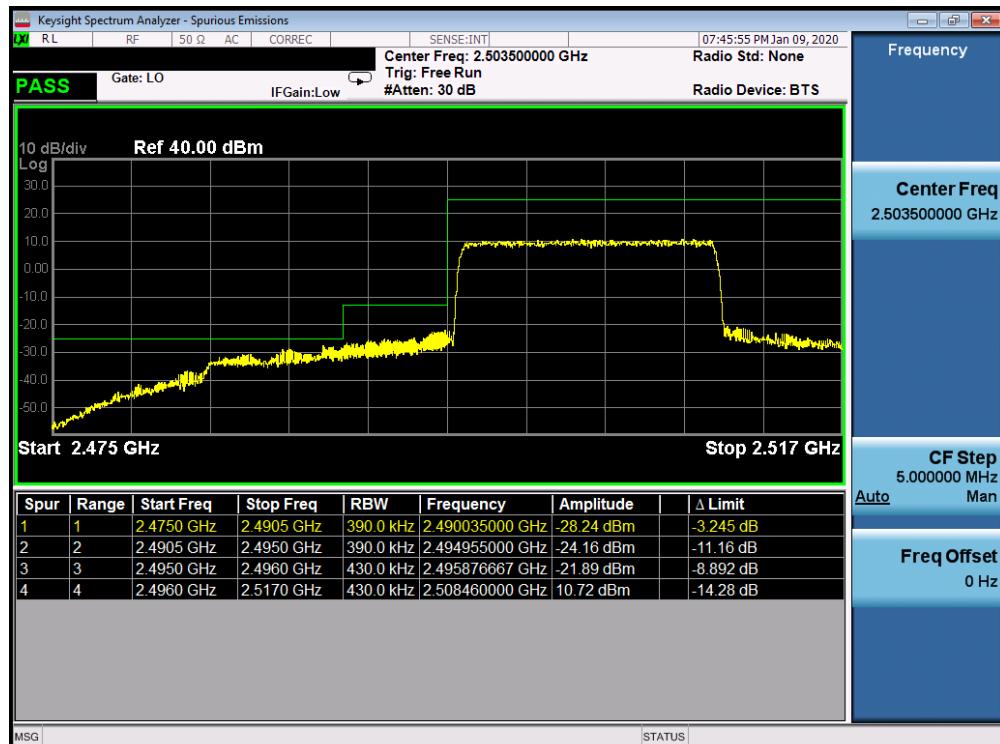


Plot 7-319. Lower ACP Plot (Band 41 – 10.0MHz QPSK – RB Size 50)

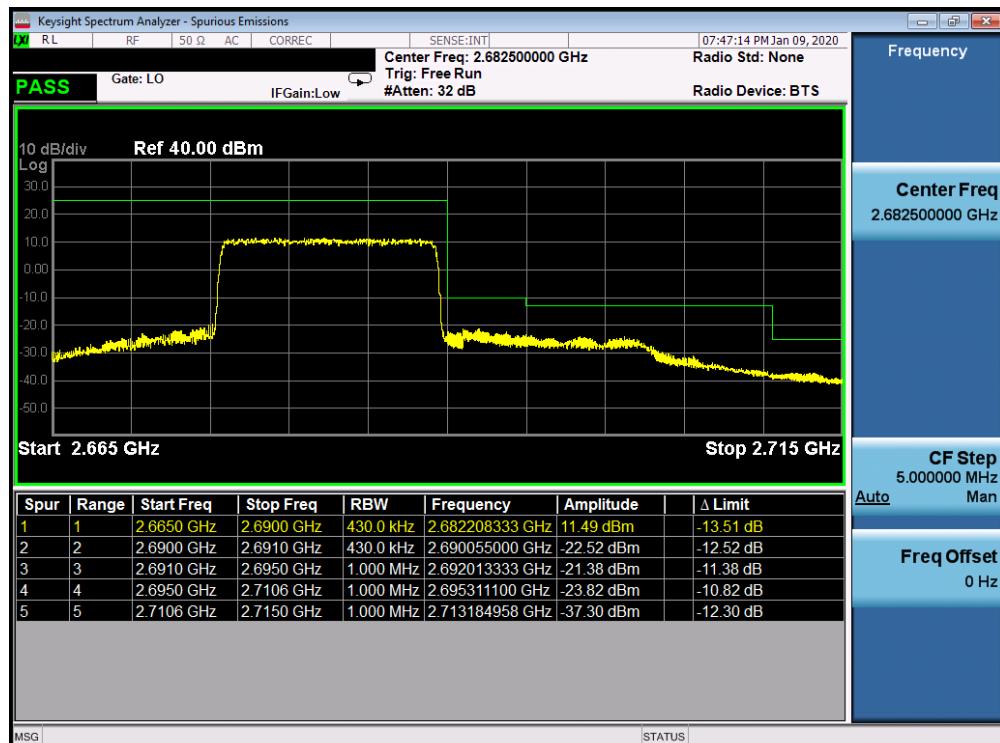


Plot 7-320. Upper ACP Plot (Band 41 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device		Page 189 of 401

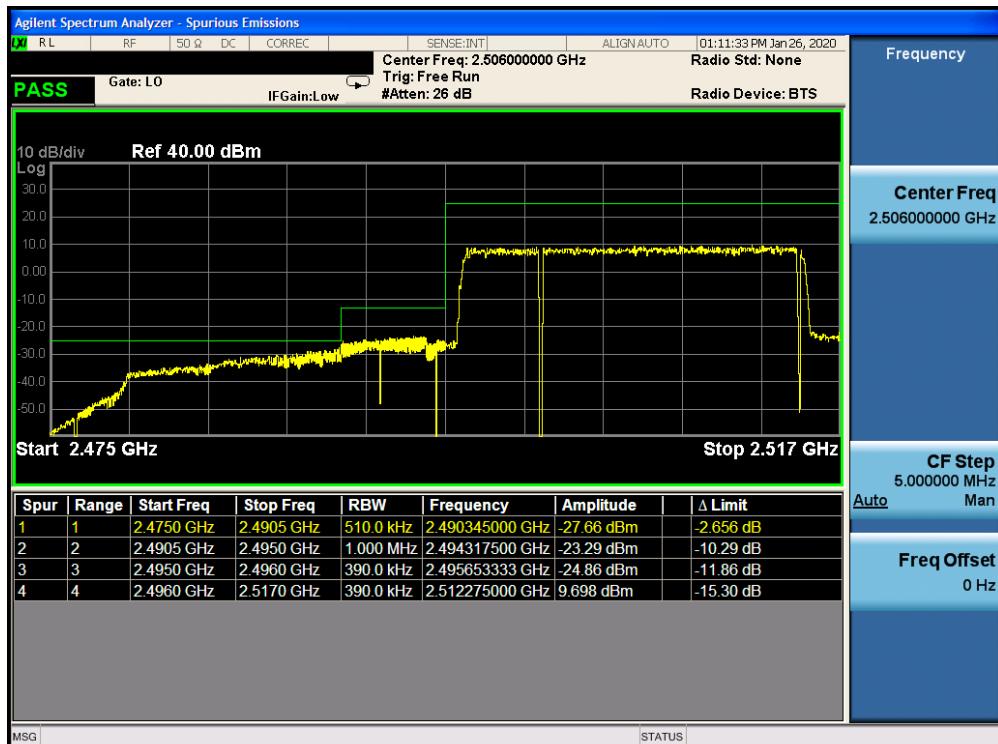


Plot 7-321. Lower ACP Plot (Band 41 – 15.0MHz QPSK – RB Size 75)



Plot 7-322. Upper ACP Plot (Band 41 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 190 of 401



Plot 7-323. Lower ACP Plot (Band 41 – 20.0MHz QPSK – RB Size 100)



Plot 7-324. Upper ACP Plot (Band 41 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 191 of 401	

## 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.

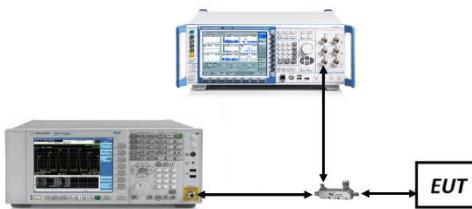


Figure 7-4. Test Instrument & Measurement Setup

### Test Notes

1. All ports were tested and only the worst case data were reported.
2. Refer to Table 2-1 Section 2.3 of this test report for correlation between Antennas and Ports.

FCC ID: BCGA2232	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 192 of 401

Mode	BW (MHz)	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	Limit [dB]	Margin [dB]
LTE Band 4	1.4	QPSK	24.52	5.36	13	-7.64
LTE Band 4	1.4	16QAM	23.55	6.12	13	-6.88
LTE Band 4	1.4	64QAM	22.60	6.49	13	-6.51
LTE Band 4	3	QPSK	24.57	5.45	13	-7.55
LTE Band 4	3	16QAM	23.66	6.17	13	-6.83
LTE Band 4	3	64QAM	22.64	6.53	13	-6.47
LTE Band 4	5	QPSK	24.58	5.45	13	-7.55
LTE Band 4	5	16QAM	23.57	6.19	13	-6.81
LTE Band 4	5	64QAM	22.61	6.53	13	-6.47
LTE Band 4	10	QPSK	24.55	5.43	13	-7.57
LTE Band 4	10	16QAM	23.55	6.20	13	-6.8
LTE Band 4	10	64QAM	22.59	6.5	13	-6.5
LTE Band 4	15	QPSK	24.57	5.52	13	-7.48
LTE Band 4	15	16QAM	23.62	6.11	13	-6.89
LTE Band 4	15	64QAM	22.61	6.45	13	-6.55
LTE Band 4	20	QPSK	24.57	5.29	13	-7.71
LTE Band 4	20	16QAM	23.59	6.10	13	-6.9
LTE Band 4	20	64QAM	22.61	6.40	13	-6.6
LTE Band 66	1.4	QPSK	25.10	4.83	13	-8.17
LTE Band 66	1.4	16QAM	24.22	5.56	13	-7.44
LTE Band 66	1.4	64QAM	23.26	6.13	13	-6.87
LTE Band 66	3	QPSK	25.21	5.10	13	-7.9
LTE Band 66	3	16QAM	24.27	5.85	13	-7.15
LTE Band 66	3	64QAM	23.25	6.32	13	-6.68
LTE Band 66	5	QPSK	25.11	5.12	13	-7.88
LTE Band 66	5	16QAM	24.22	5.82	13	-7.18
LTE Band 66	5	64QAM	23.22	6.25	13	-6.75
LTE Band 66	10	QPSK	25.13	5.10	13	-7.9
LTE Band 66	10	16QAM	24.20	5.82	13	-7.18
LTE Band 66	10	64QAM	23.17	6.29	13	-6.71
LTE Band 66	15	QPSK	25.05	5.06	13	-7.94
LTE Band 66	15	16QAM	24.11	5.74	13	-7.26
LTE Band 66	15	64QAM	23.26	6.14	13	-6.86
LTE Band 66	20	QPSK	25.20	4.88	13	-8.12
LTE Band 66	20	16QAM	24.23	5.70	13	-7.3
LTE Band 66	20	64QAM	23.22	6.21	13	-6.79
LTE Band 2	1.4	QPSK	24.56	5.68	13	-7.32
LTE Band 2	1.4	16QAM	23.69	6.26	13	-6.74
LTE Band 2	1.4	64QAM	22.64	6.49	13	-6.51
LTE Band 2	3	QPSK	24.79	5.49	13	-7.51
LTE Band 2	3	16QAM	23.85	6.22	13	-6.78
LTE Band 2	3	64QAM	22.85	6.49	13	-6.51
LTE Band 2	5	QPSK	24.68	5.73	13	-7.27
LTE Band 2	5	16QAM	23.79	6.29	13	-6.71
LTE Band 2	5	64QAM	22.78	6.47	13	-6.53
LTE Band 2	10	QPSK	24.72	5.55	13	-7.45
LTE Band 2	10	16QAM	23.76	6.29	13	-6.71
LTE Band 2	10	64QAM	22.76	6.48	13	-6.52
LTE Band 2	15	QPSK	24.74	5.64	13	-7.36
LTE Band 2	15	16QAM	23.80	6.19	13	-6.81
LTE Band 2	15	64QAM	22.81	6.37	13	-6.63
LTE Band 2	20	QPSK	24.62	5.52	13	-7.48
LTE Band 2	20	16QAM	23.63	6.24	13	-6.76
LTE Band 2	20	64QAM	22.23	6.42	13	-6.58
LTE Band 25	1.4	QPSK	24.61	5.57	13	-7.43
LTE Band 25	1.4	16QAM	23.33	6.26	13	-6.74
LTE Band 25	1.4	64QAM	22.46	6.49	13	-6.51
LTE Band 25	3	QPSK	24.56	5.54	13	-7.46
LTE Band 25	3	16QAM	23.62	6.28	13	-6.72
LTE Band 25	3	64QAM	22.64	6.50	13	-6.5
LTE Band 25	5	QPSK	24.60	5.58	13	-7.42
LTE Band 25	5	16QAM	23.70	6.31	13	-6.69
LTE Band 25	5	64QAM	22.69	6.43	13	-6.57
LTE Band 25	10	QPSK	24.67	5.54	13	-7.46
LTE Band 25	10	16QAM	23.72	6.28	13	-6.72
LTE Band 25	10	64QAM	22.74	6.46	13	-6.54
LTE Band 25	15	QPSK	24.65	5.63	13	-7.37
LTE Band 25	15	16QAM	23.70	6.19	13	-6.81
LTE Band 25	15	64QAM	22.71	6.42	13	-6.58
LTE Band 25	20	QPSK	24.63	5.43	13	-7.57
LTE Band 25	20	16QAM	23.65	6.19	13	-6.81
LTE Band 25	20	64QAM	22.67	6.42	13	-6.58

Table 7-6. PAR Results

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 193 of 401

## Band 4

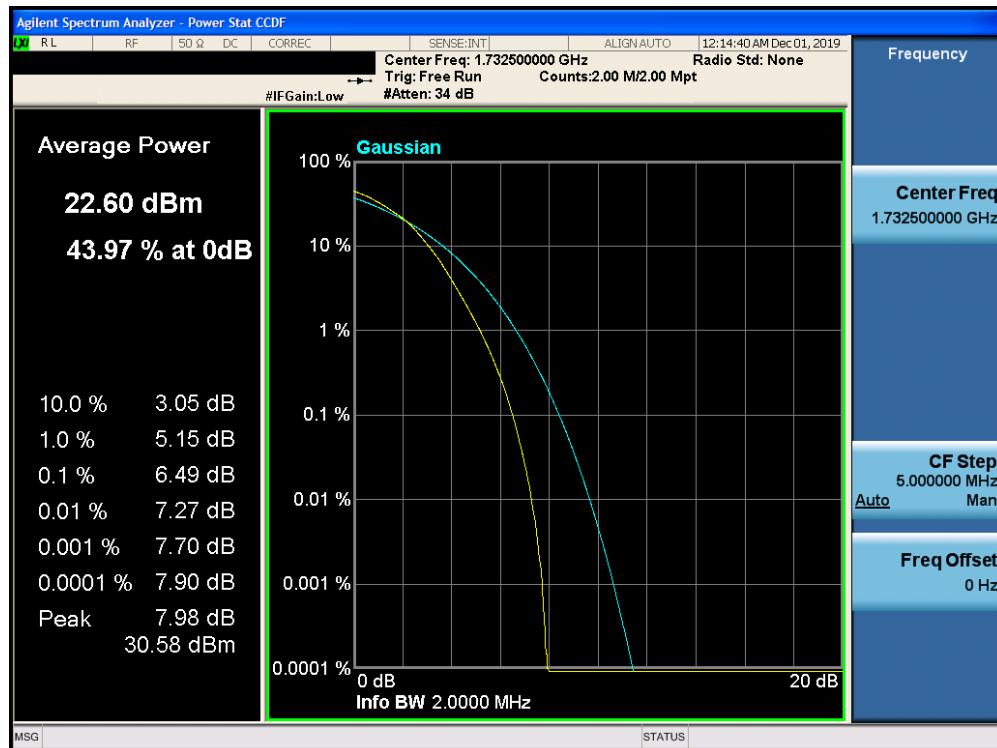


Plot 7-325. PAR Plot (Band 4 – 1.4MHz QPSK – RB Size 6)

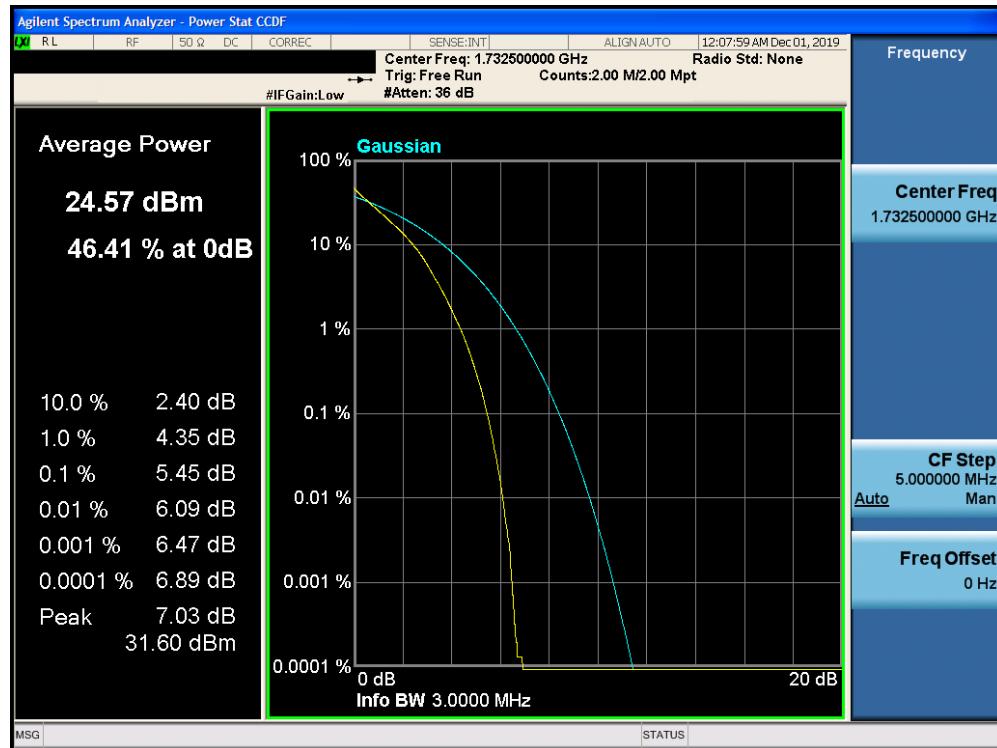


Plot 7-326. PAR Plot (Band 4 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 194 of 401

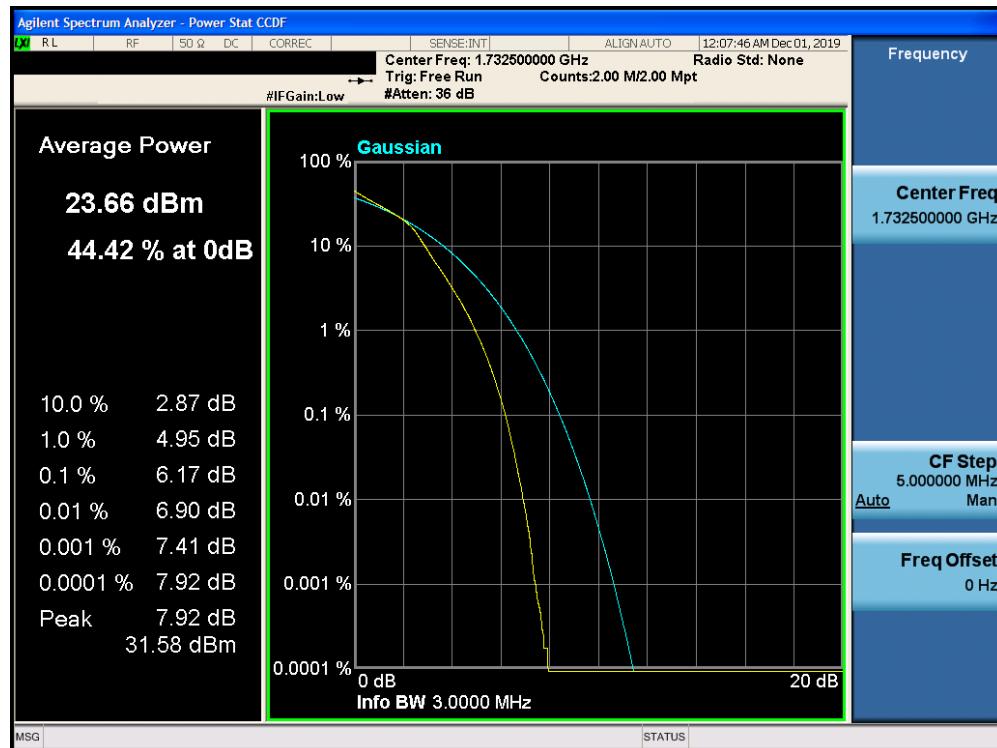


Plot 7-327. PAR Plot (Band 4 – 1.4MHz 64-QAM – RB Size 6)

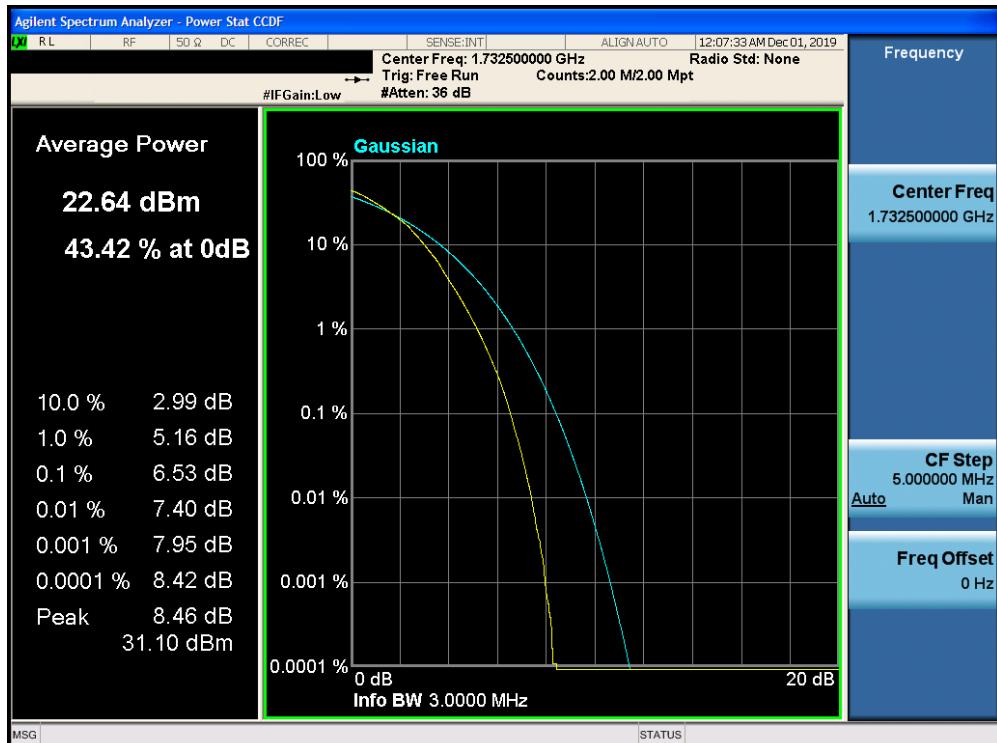


Plot 7-328. PAR Plot (Band 4 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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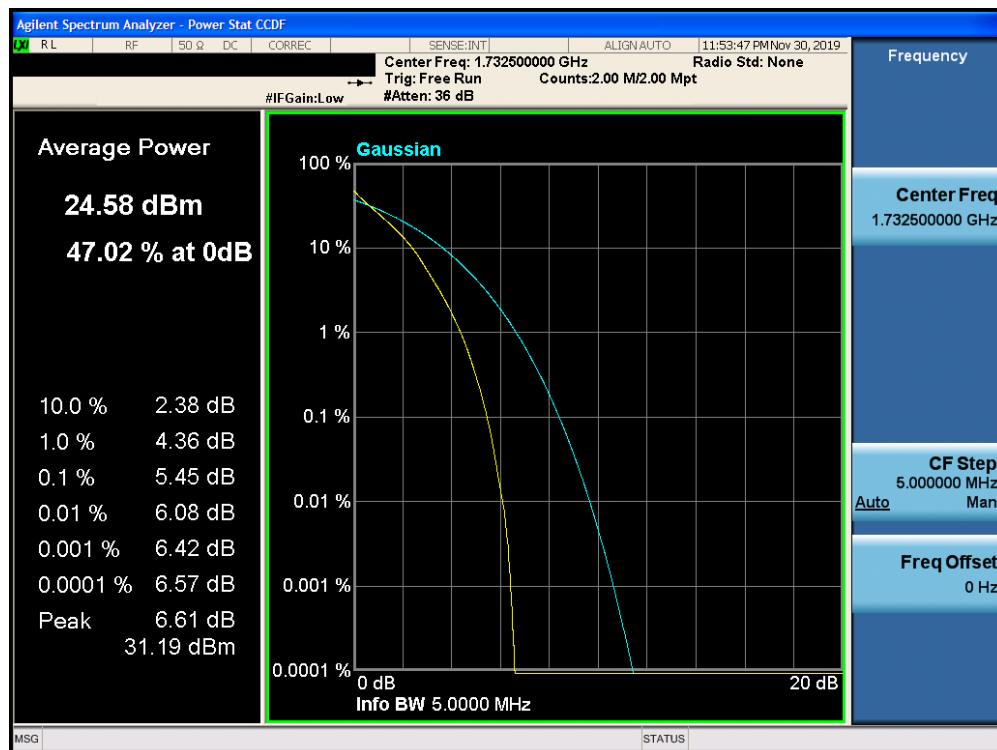


Plot 7-329. PAR Plot (Band 4 – 3.0MHz 16-QAM – RB Size 15)

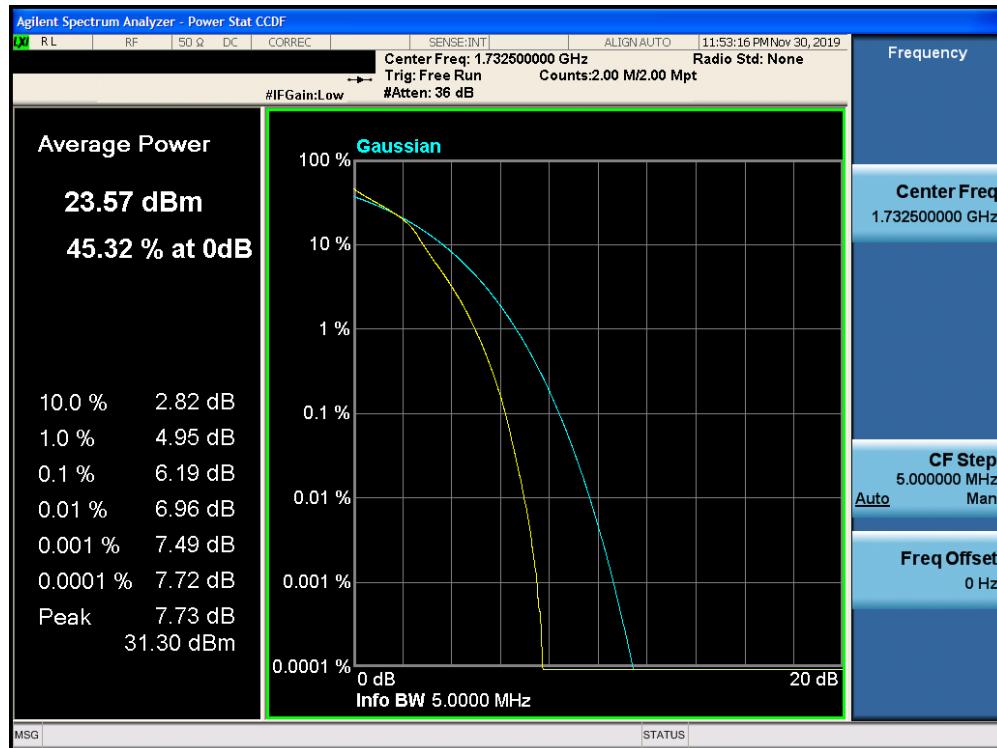


Plot 7-330. PAR Plot (Band 4 – 3.0MHz 64-QAM – RB Size 15)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-331. PAR Plot (Band 4 – 5.0MHz QPSK – RB Size 25)

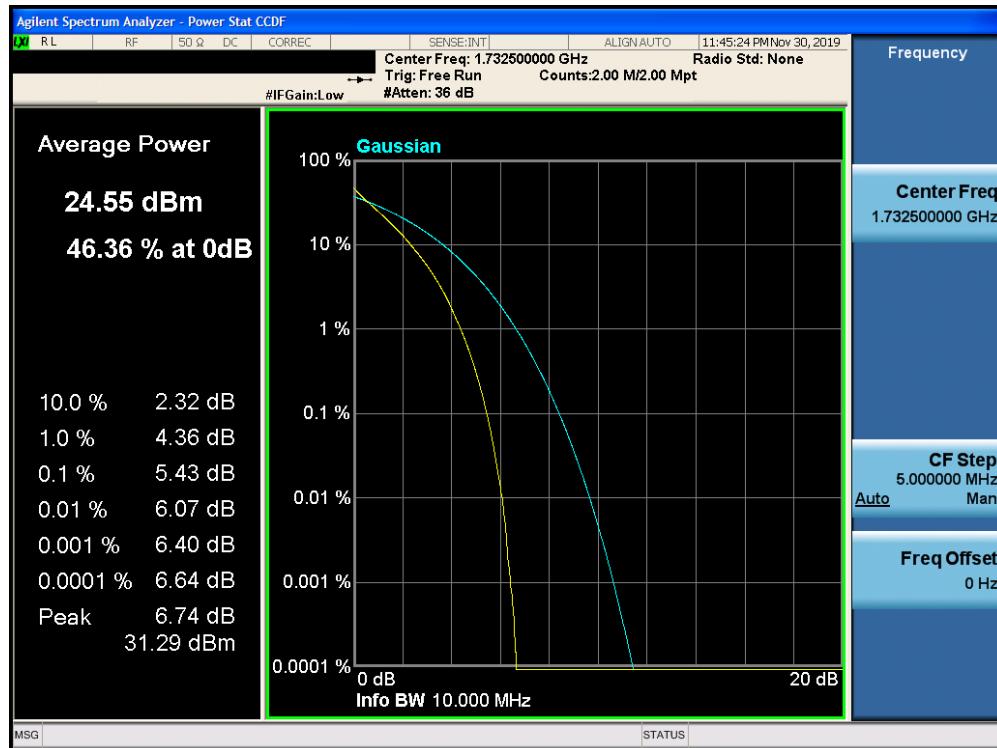


Plot 7-332. PAR Plot (Band 4 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 197 of 401

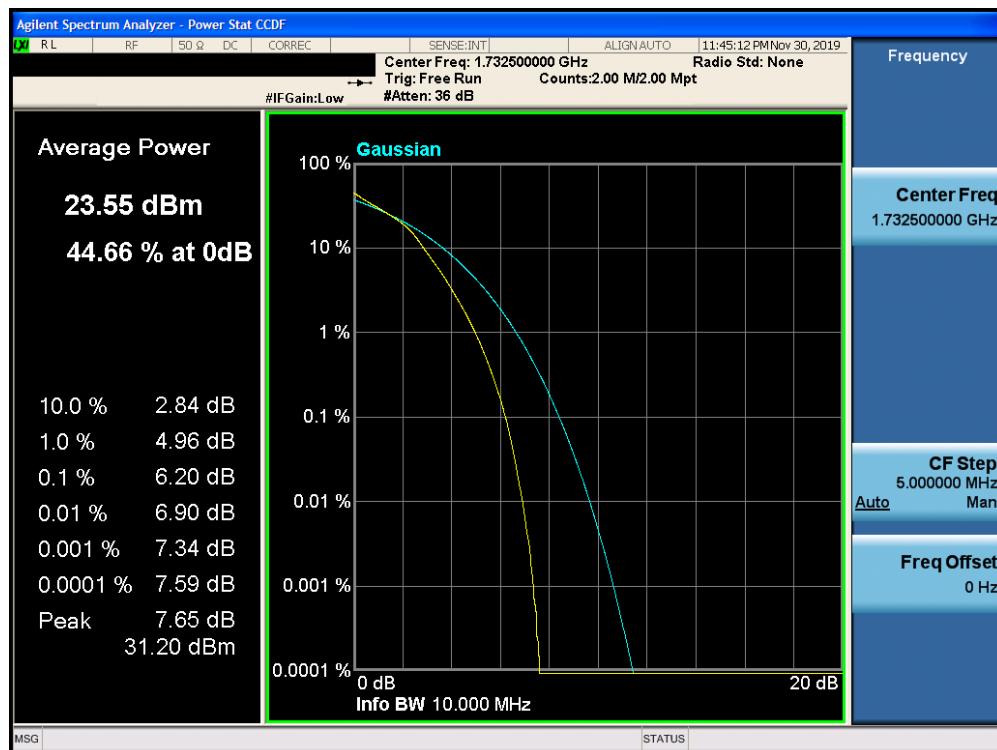


Plot 7-333. PAR Plot (Band 4 – 5.0MHz 64-QAM – RB Size 25)

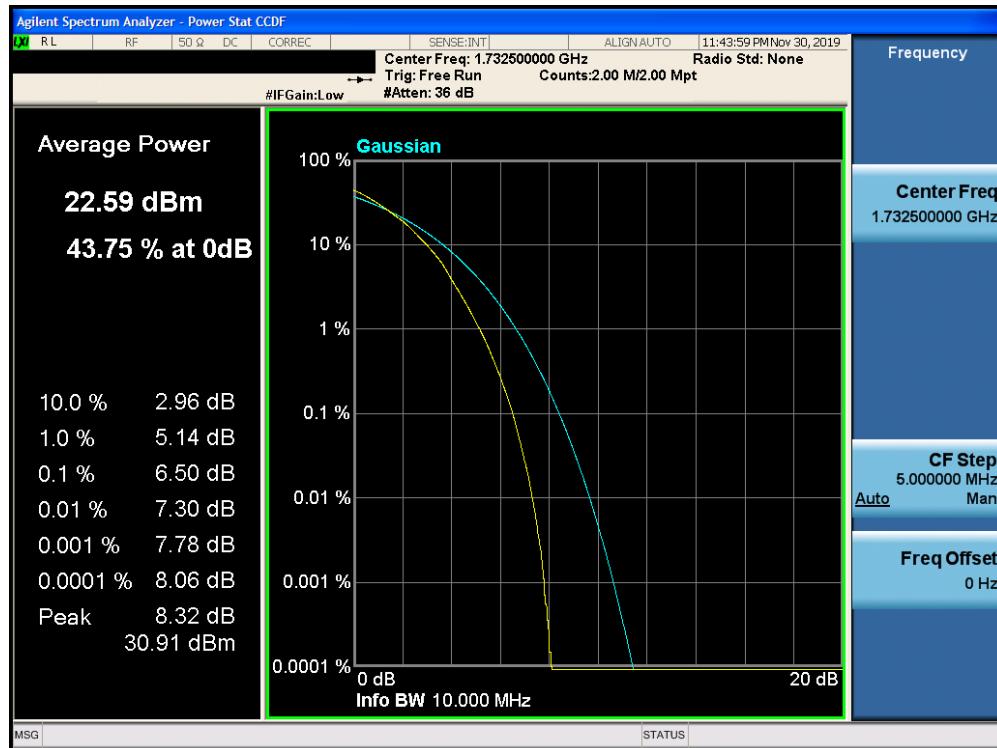


Plot 7-334. PAR Plot (Band 4 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 198 of 401



Plot 7-335. PAR Plot (Band 4 – 10.0MHz 16-QAM – RB Size 50)

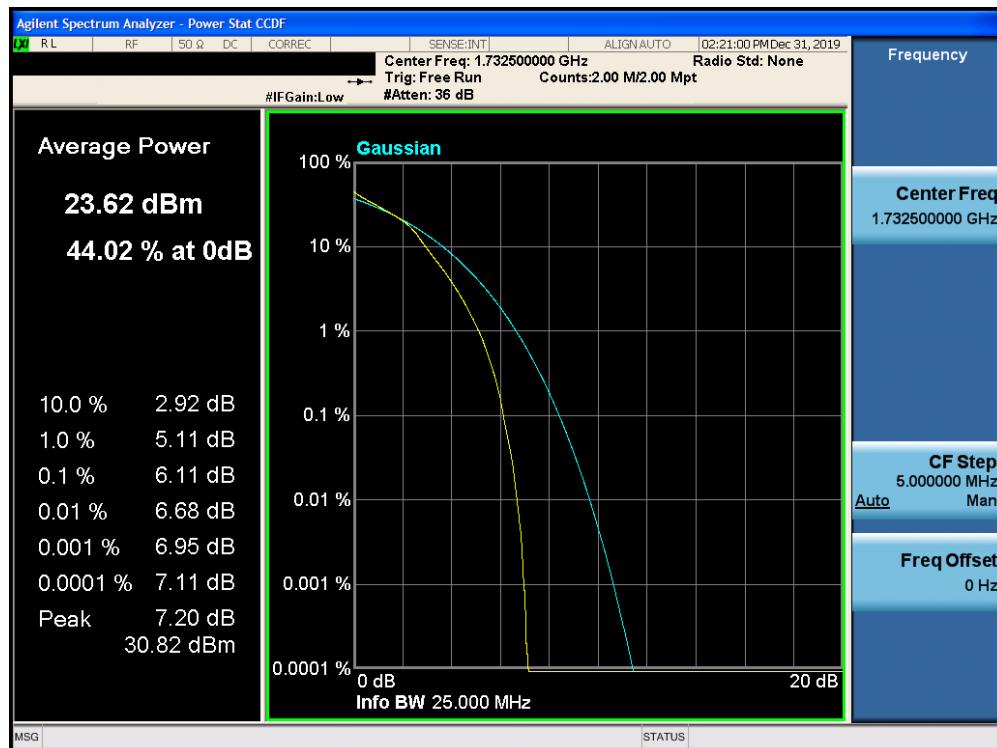


Plot 7-336. PAR Plot (Band 4 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-337. PAR Plot (Band 4 – 15.0MHz QPSK – RB Size 75)



Plot 7-338. PAR Plot (Band 4 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 200 of 401

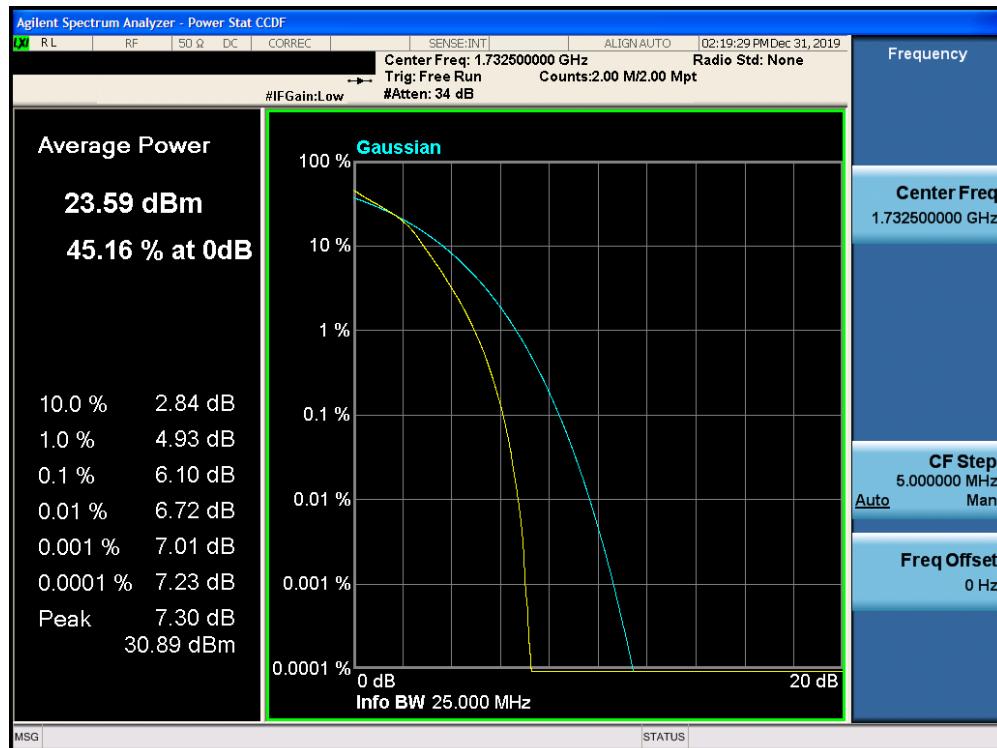


Plot 7-339. PAR Plot (Band 4 – 15.0MHz 64-QAM – RB Size 75)

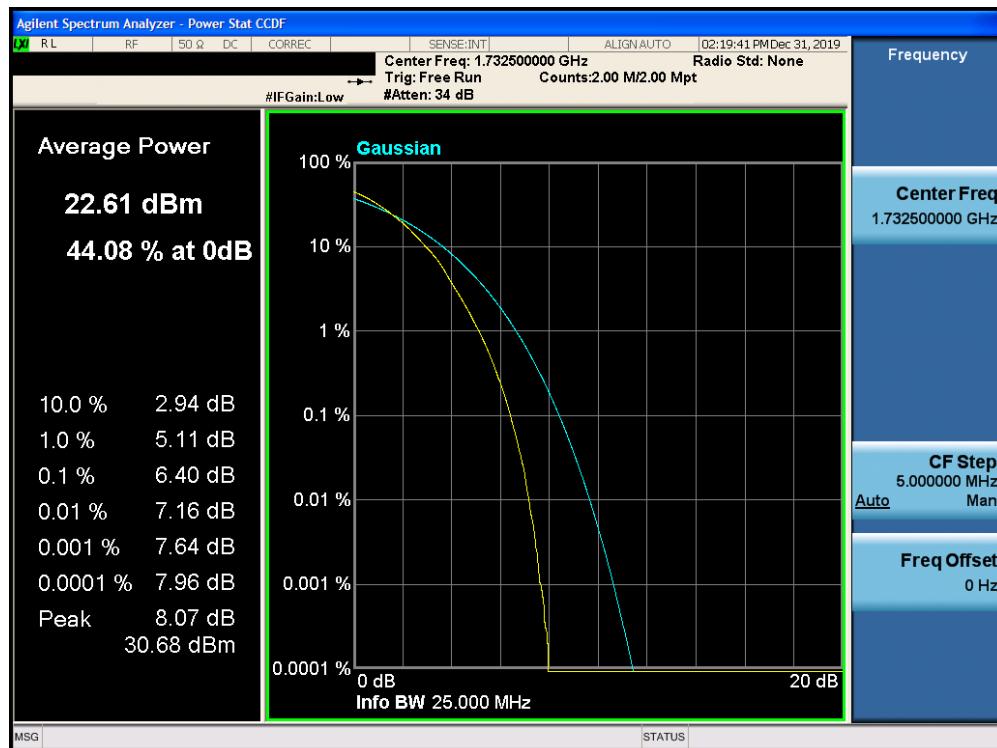


Plot 7-340. PAR Plot (Band 4 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 201 of 401



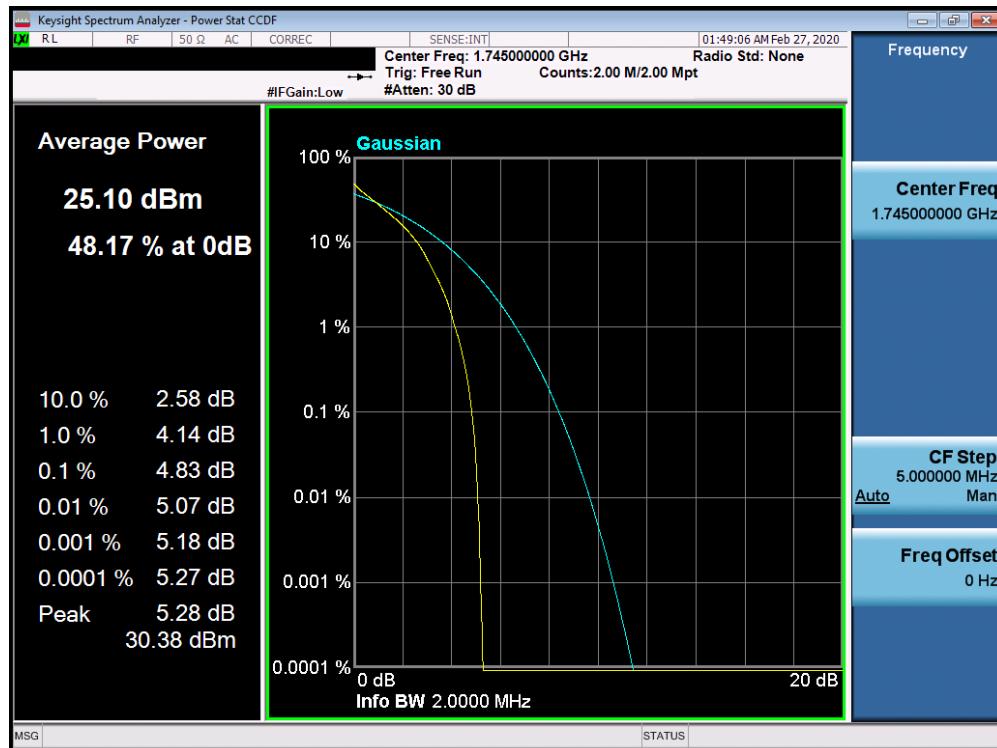
Plot 7-341. PAR Plot (Band 4 – 20.0MHz 16QAM – RB Size 100)



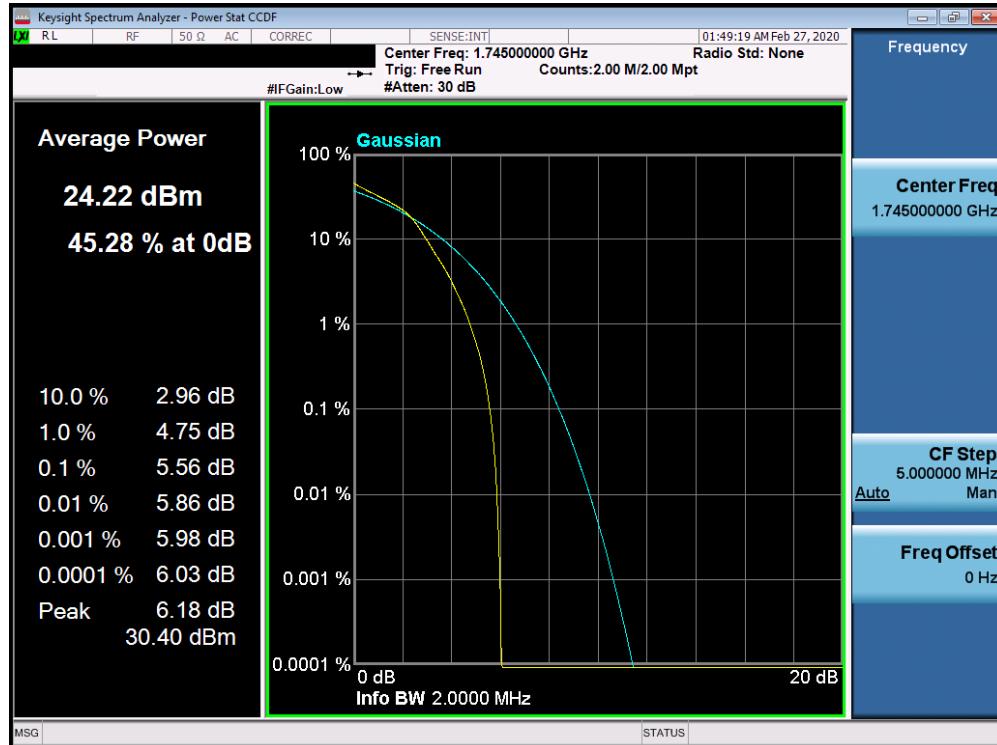
Plot 7-342. PAR Plot (Band 4 – 20.0MHz 64QAM – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 202 of 401

## Band 66

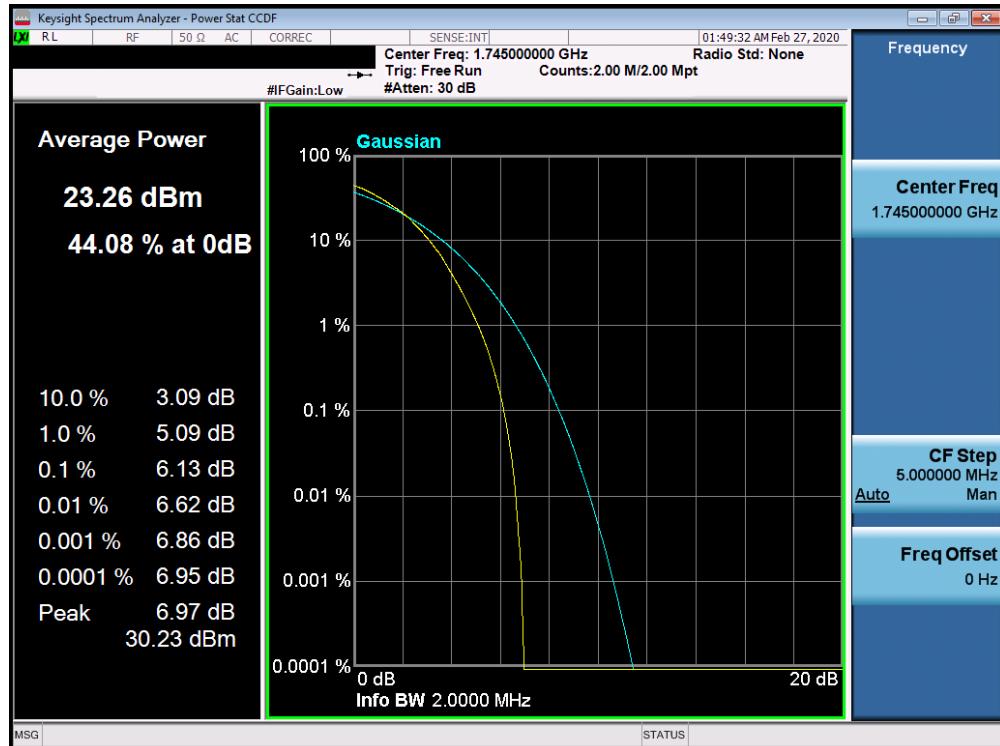


Plot 7-343. PAR Plot (Band 66 – 1.4MHz QPSK – RB Size 6)

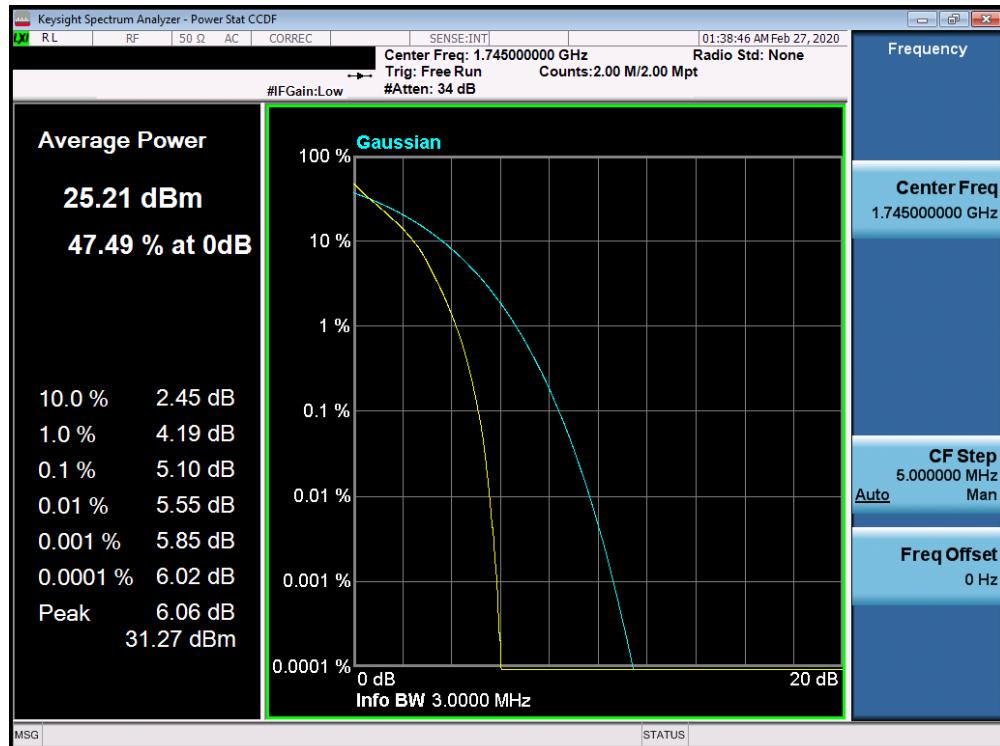


Plot 7-344. PAR Plot (Band 66 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 203 of 401

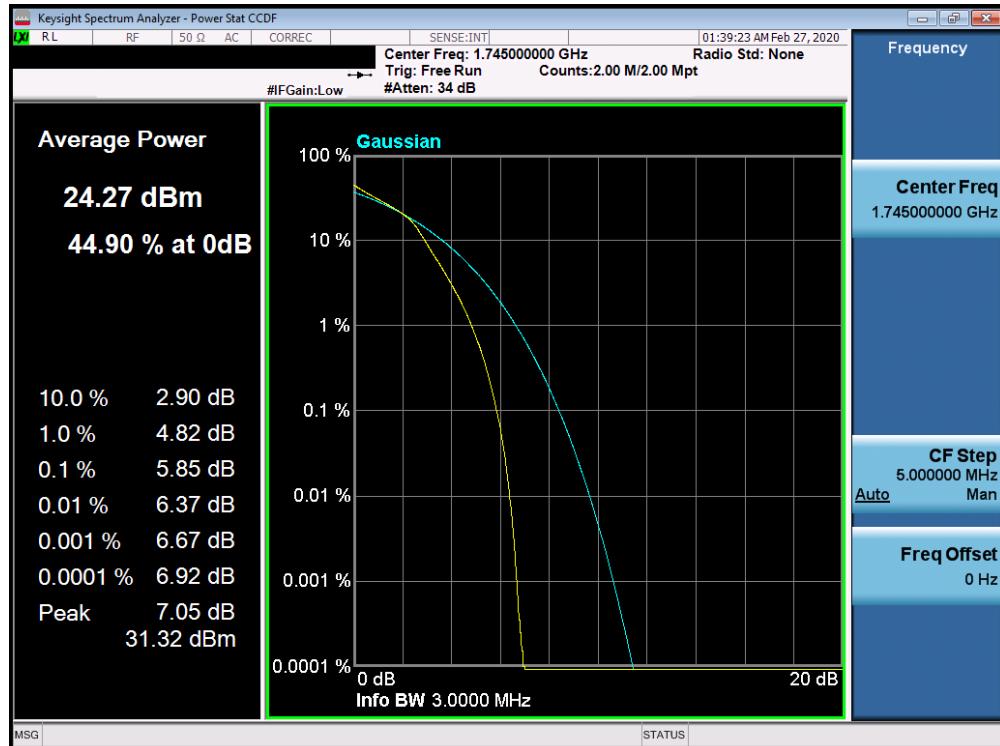


Plot 7-345. PAR Plot (Band 66 – 1.4MHz 64-QAM – RB Size 6)

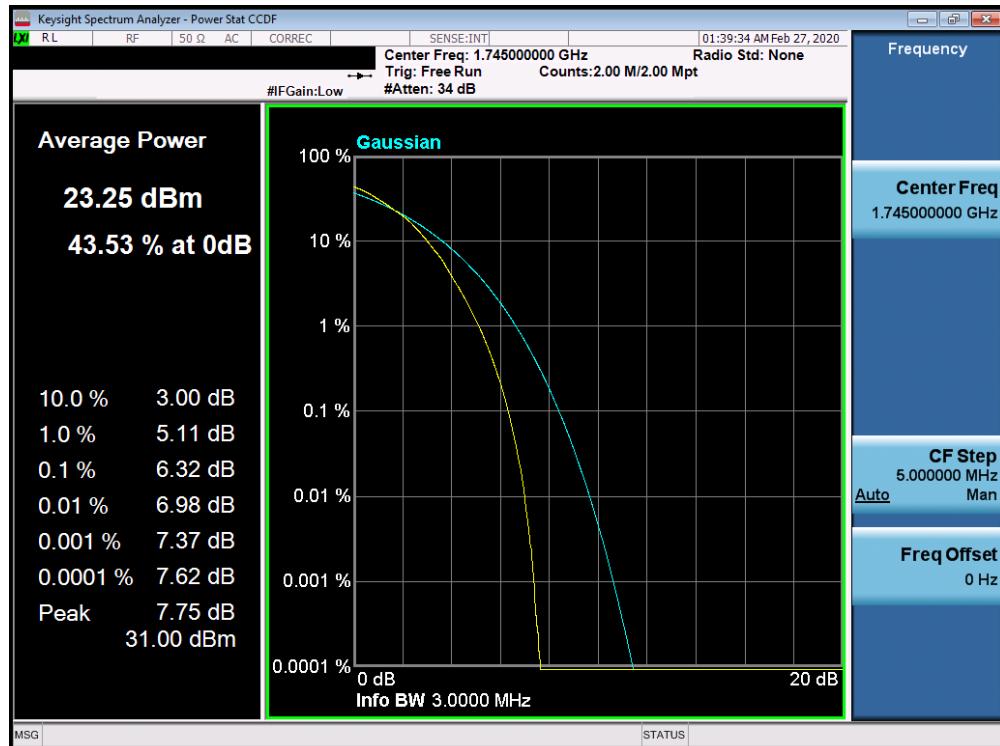


Plot 7-346. PAR Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 204 of 401

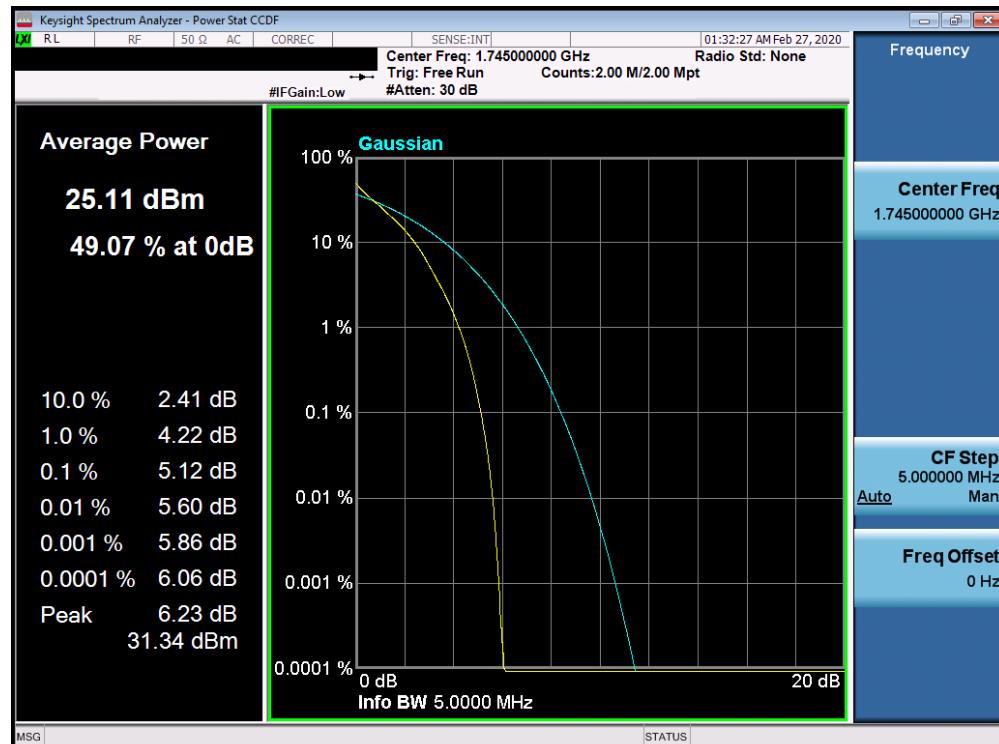


Plot 7-347. PAR Plot (Band 66 – 3.0MHz 16-QAM – RB Size 15)

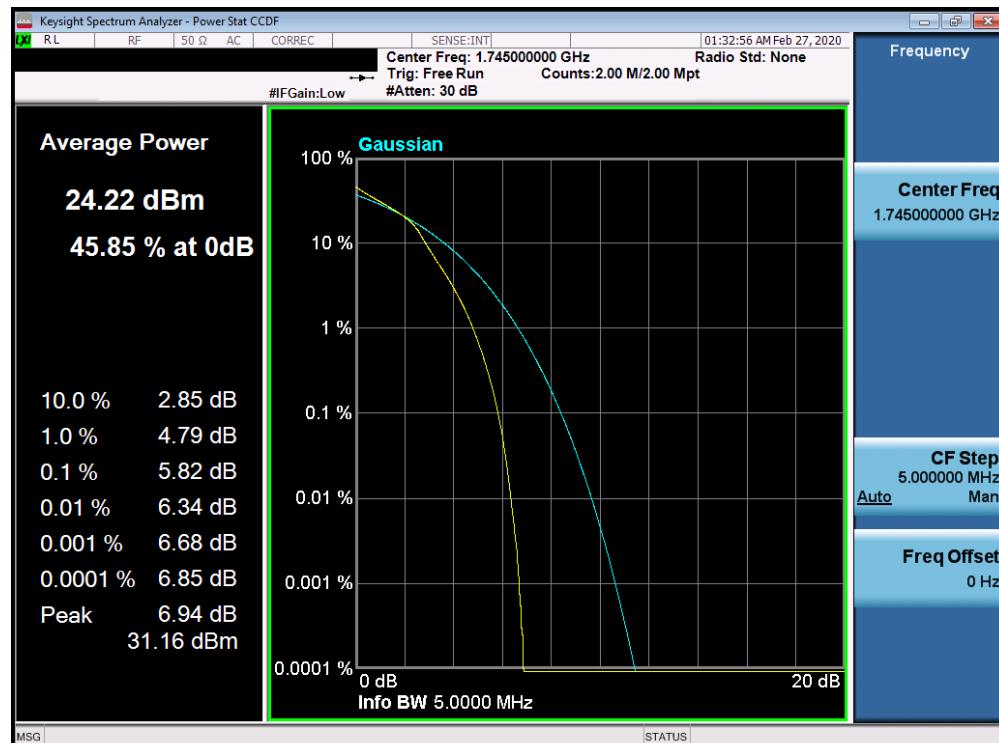


Plot 7-348. PAR Plot (Band 66 – 3.0MHz 64-QAM – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 205 of 401

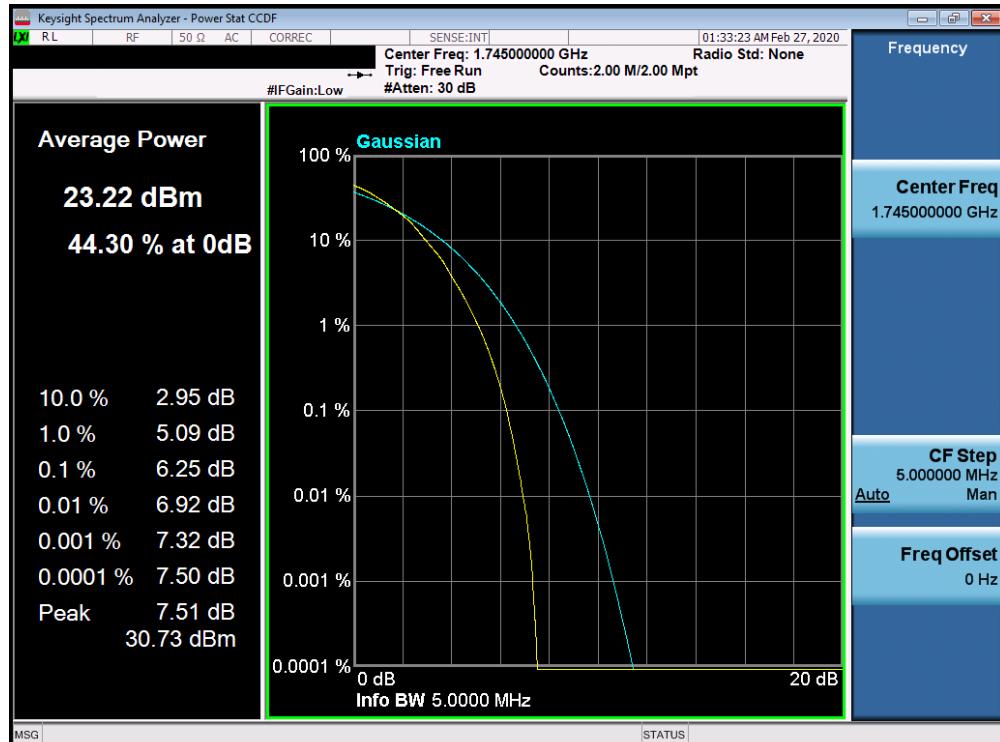


Plot 7-349. PAR Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

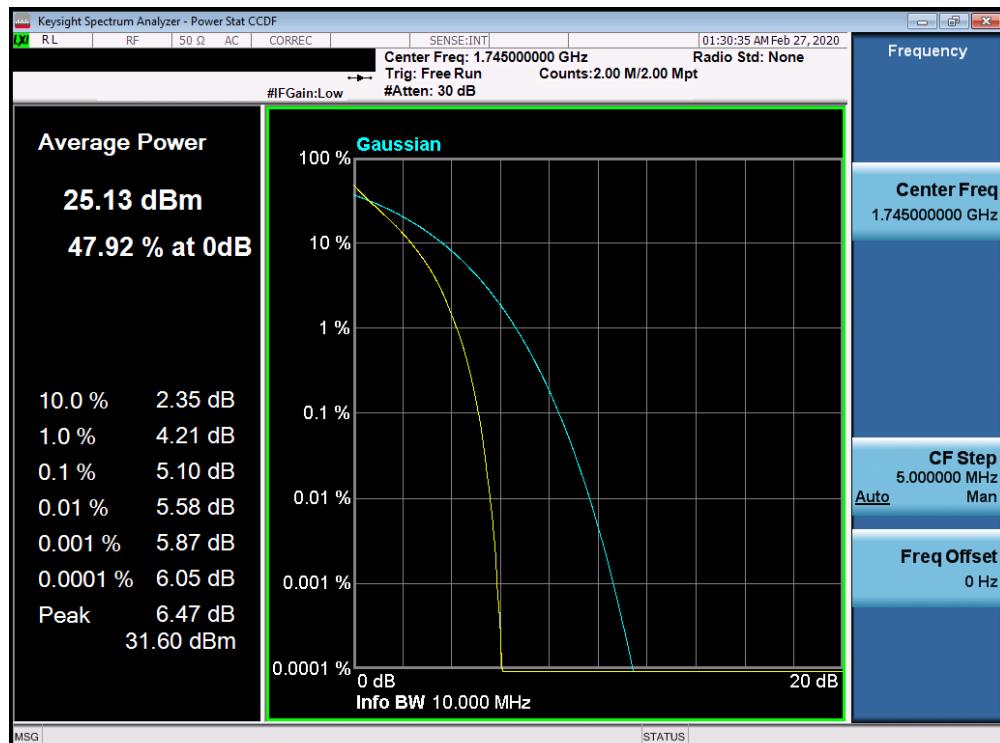


Plot 7-350. PAR Plot (Band 66 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 206 of 401

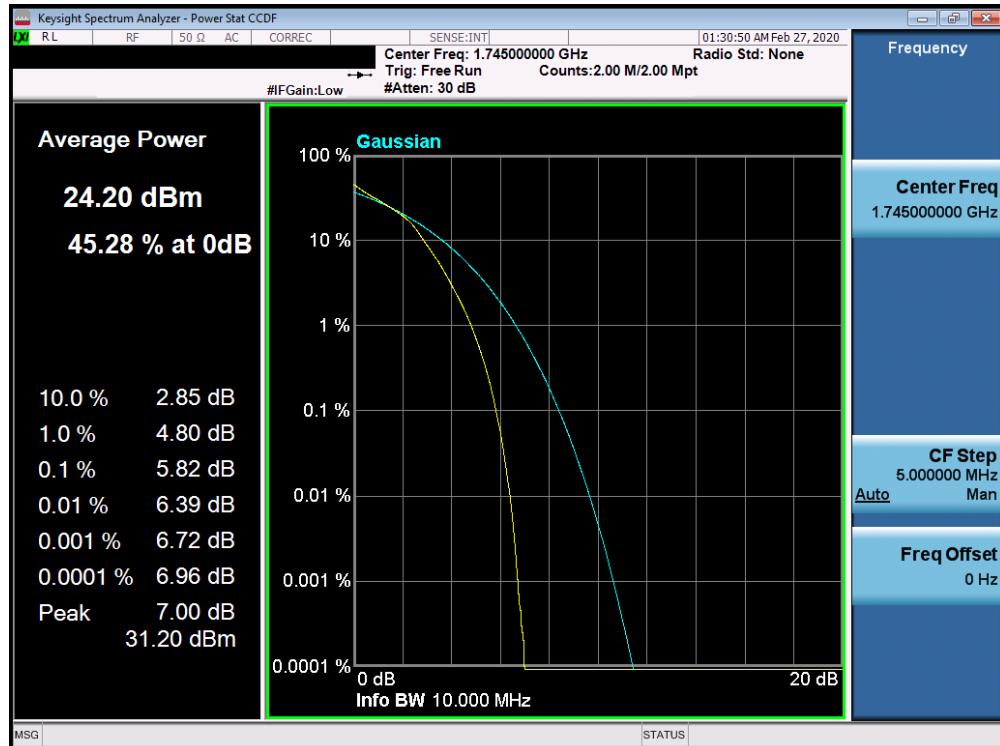


Plot 7-351. PAR Plot (Band 66 – 5.0MHz 64-QAM – RB Size 25)

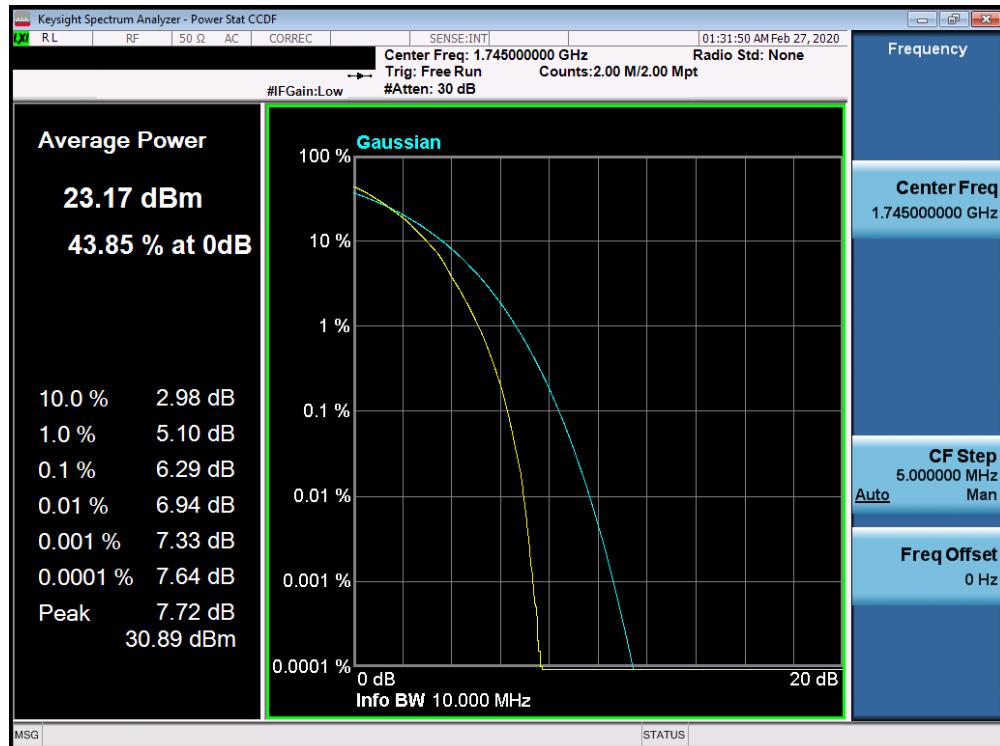


Plot 7-352. PAR Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 207 of 401

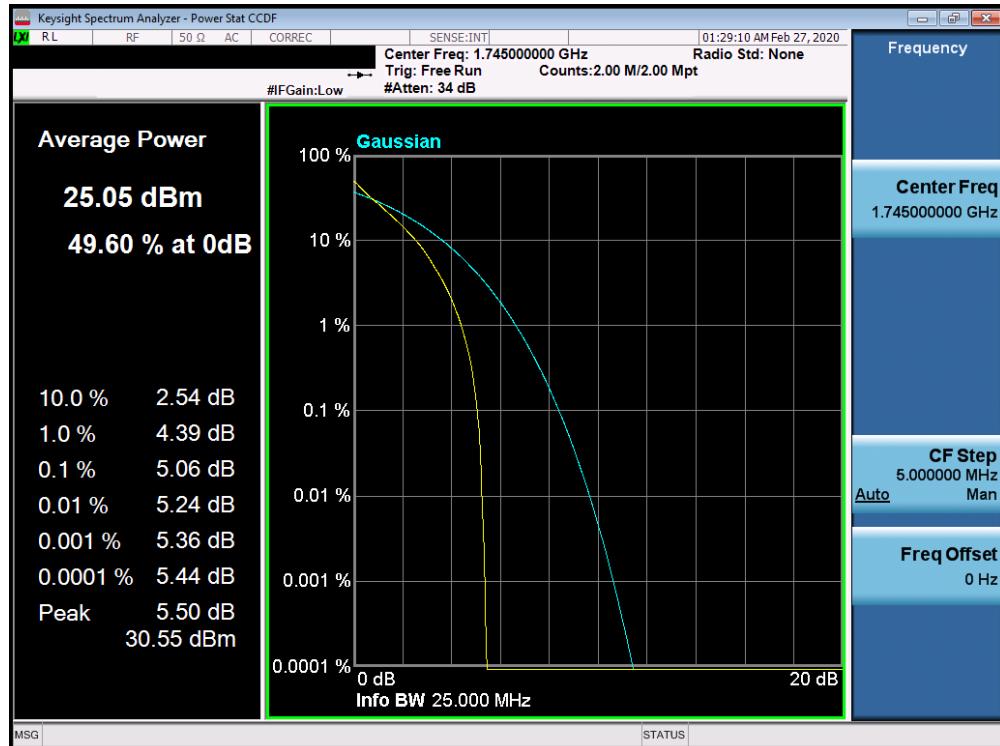


Plot 7-353. PAR Plot (Band 66 – 10.0MHz 16-QAM – RB Size 50)

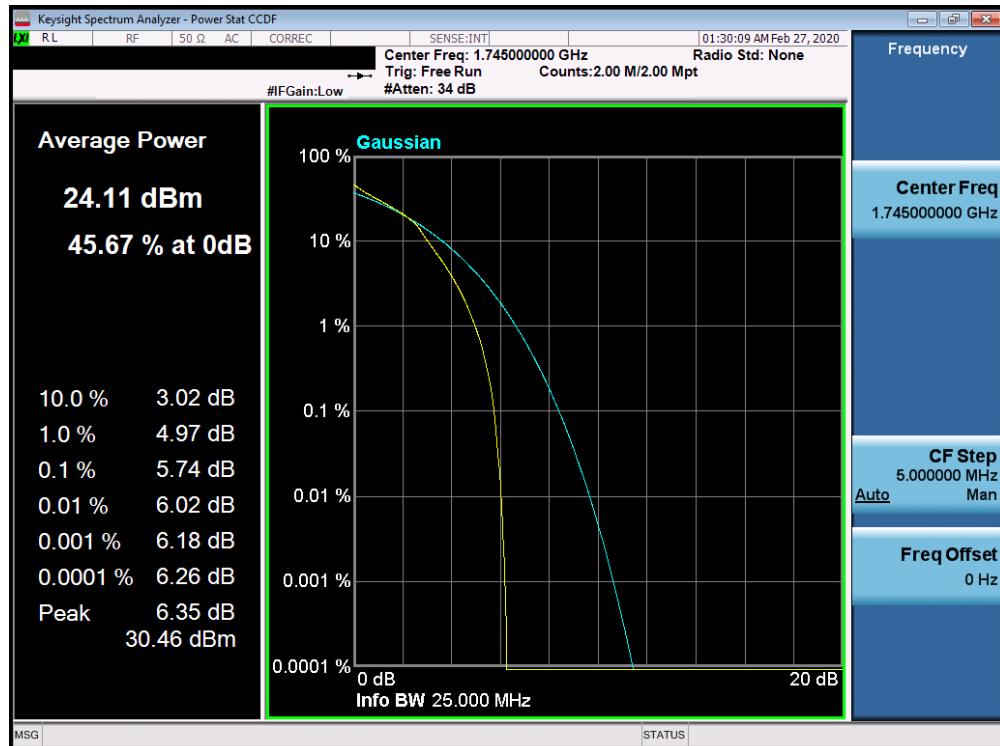


Plot 7-354. PAR Plot (Band 66 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 208 of 401

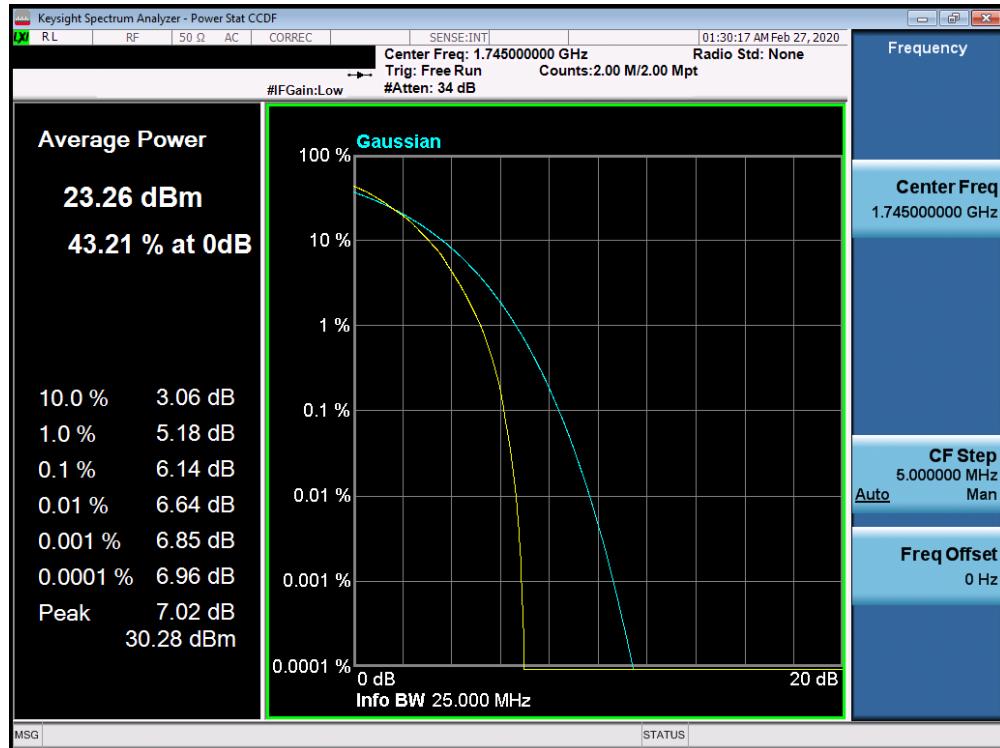


Plot 7-355. PAR Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

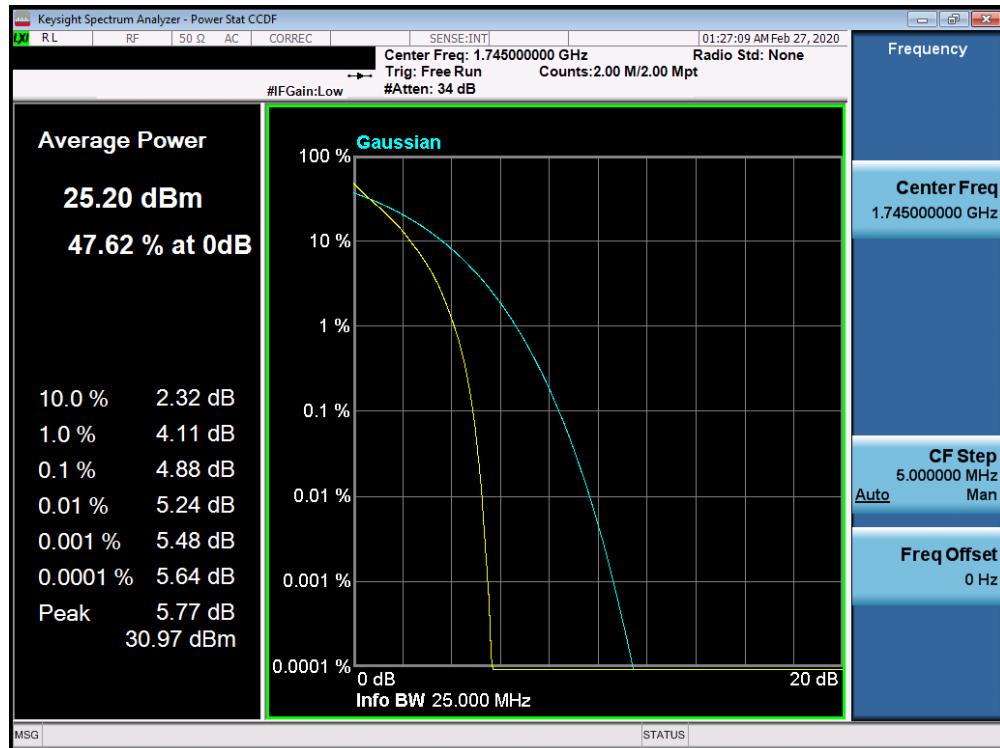


Plot 7-356. PAR Plot (Band 66 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 209 of 401

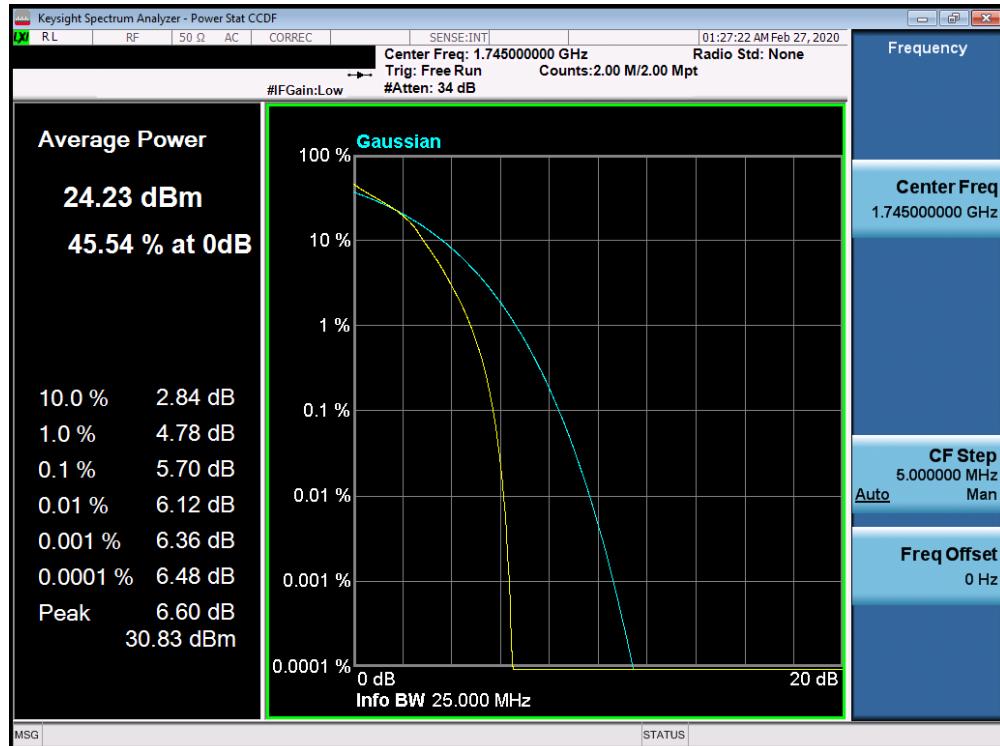


Plot 7-357. PAR Plot (Band 66 – 15.0MHz 64-QAM – RB Size 75)

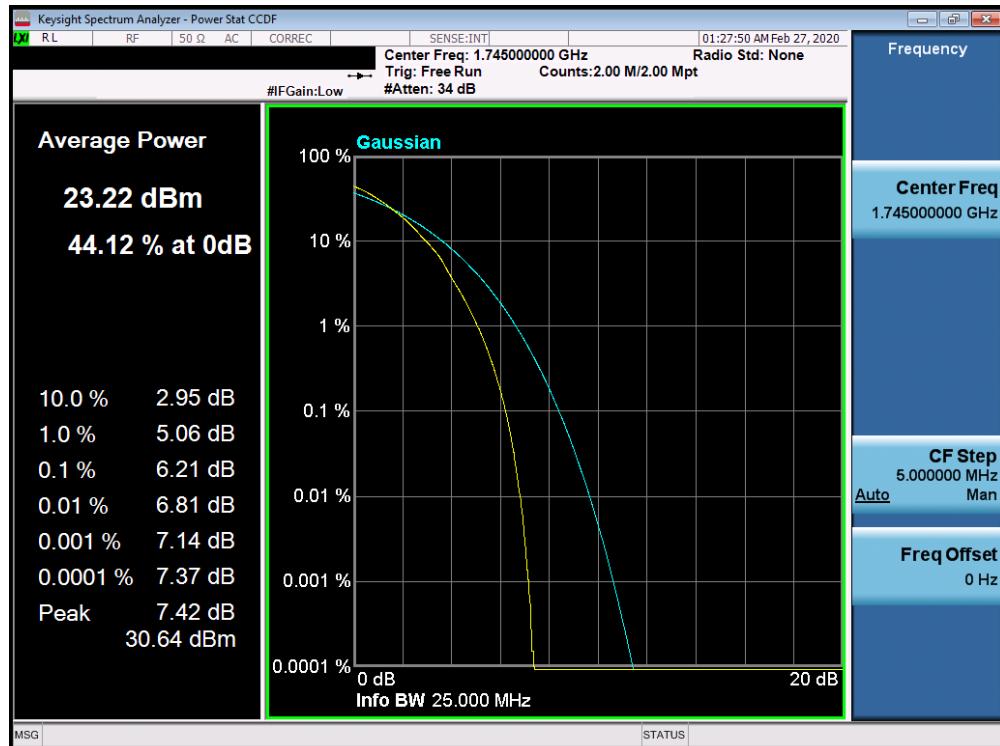


Plot 7-358. PAR Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 210 of 401



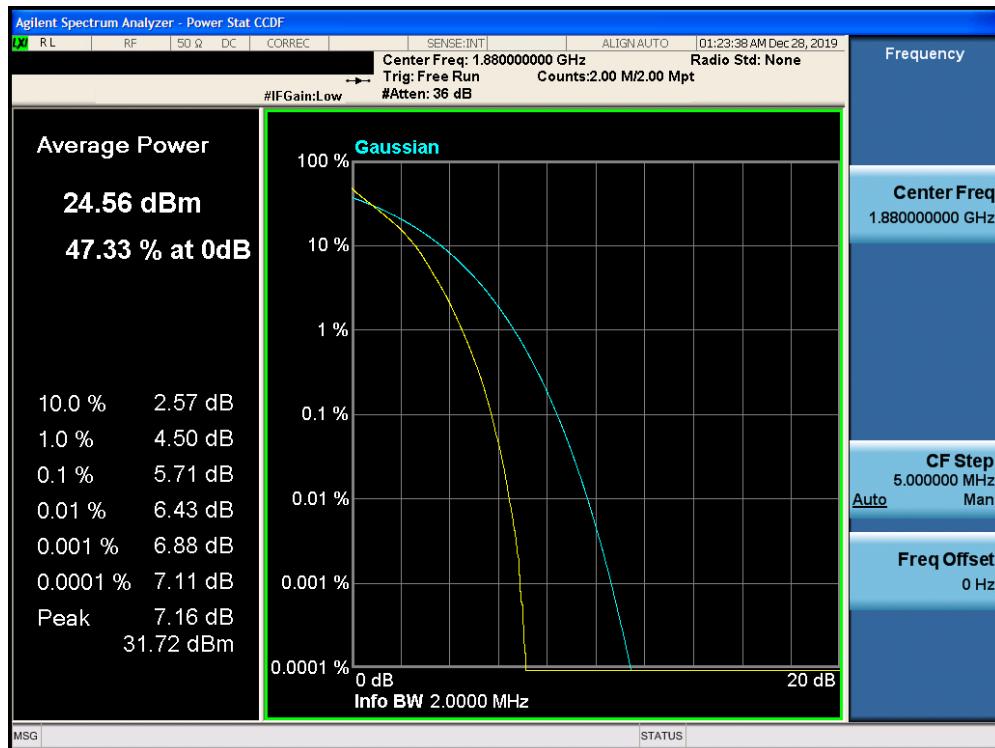
Plot 7-359. PAR Plot (Band 66 – 20.0MHz 16-QAM – RB Size 75)



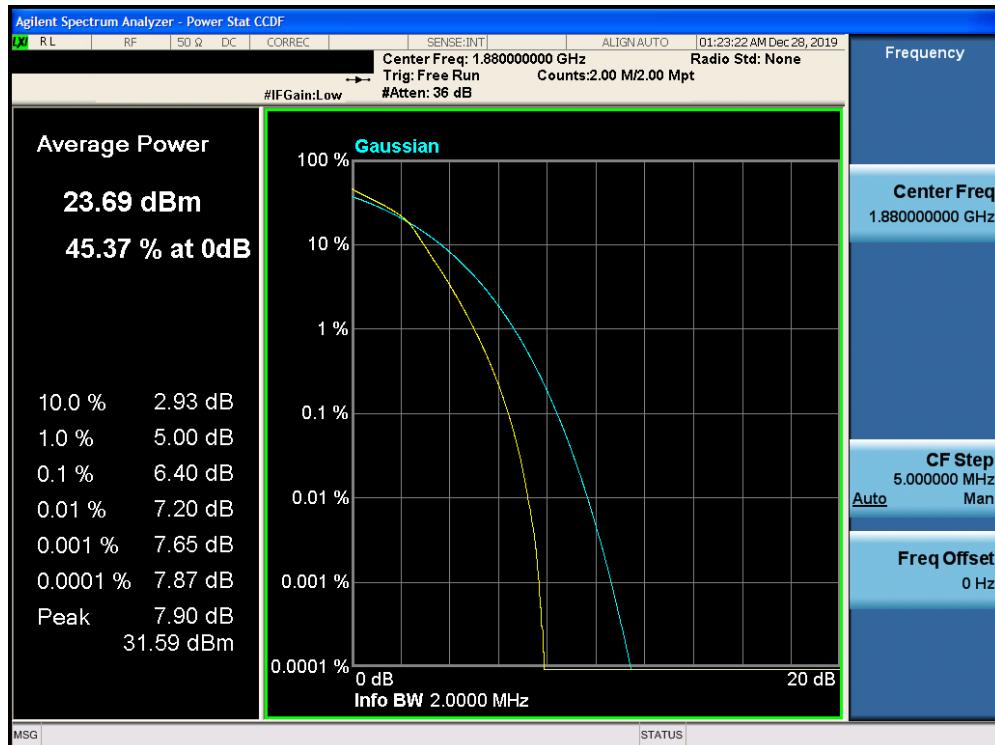
Plot 7-360. PAR Plot (Band 66 – 20.0MHz 64-QAM – RB Size 75)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 211 of 401

## Band 2

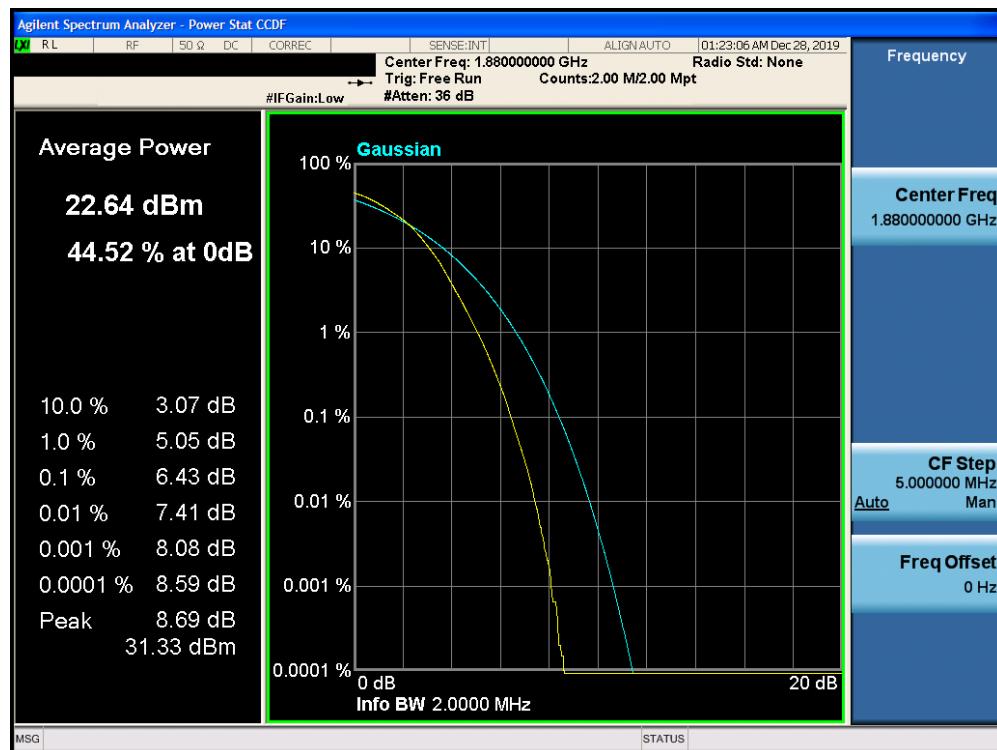


Plot 7-361. PAR Plot (Band 2 – 1.4MHz QPSK – RB Size 6)

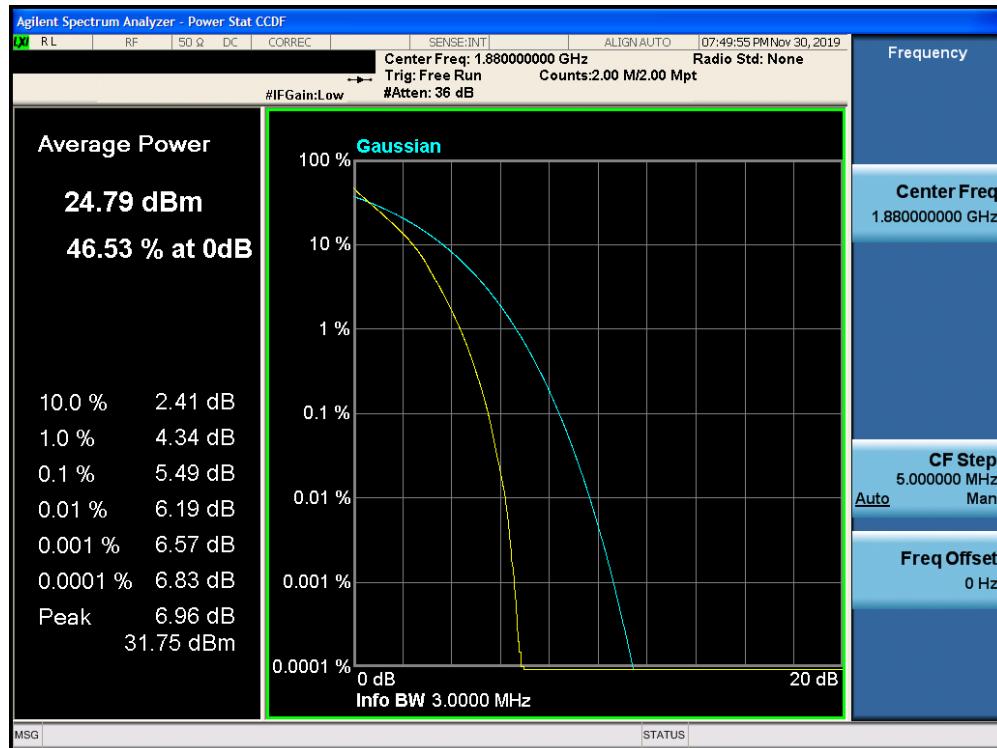


Plot 7-362. PAR Plot (Band 2 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-363. PAR Plot (Band 2 – 1.4MHz 64-QAM – RB Size 6)



Plot 7-364. PAR Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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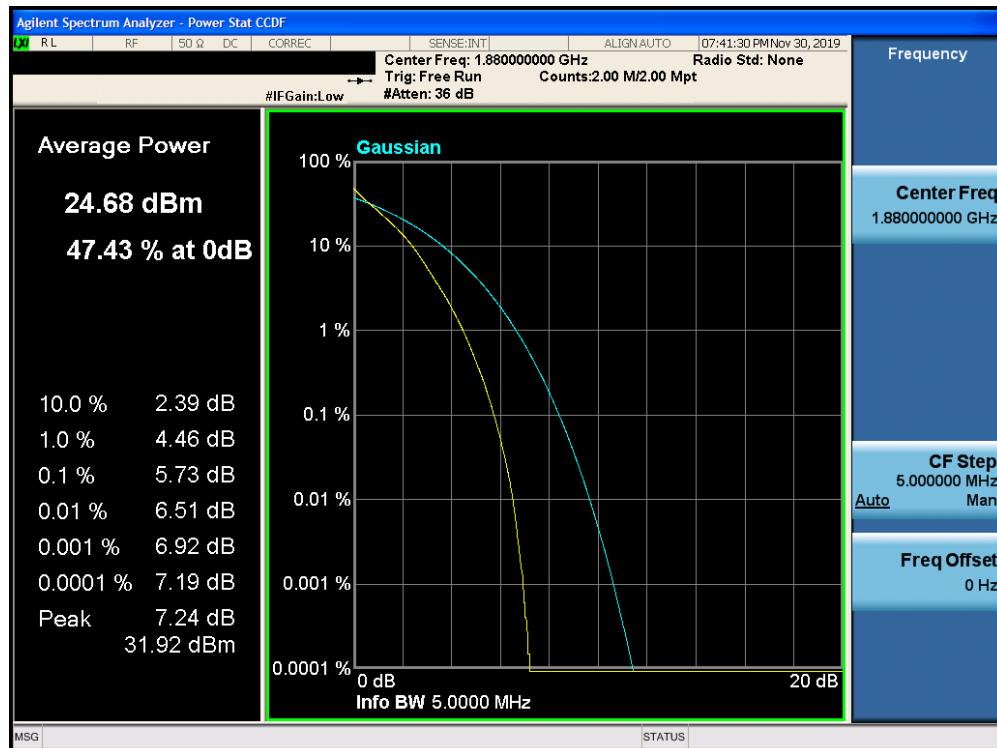


Plot 7-365. PAR Plot (Band 2 – 3.0MHz 16-QAM – RB Size 15)

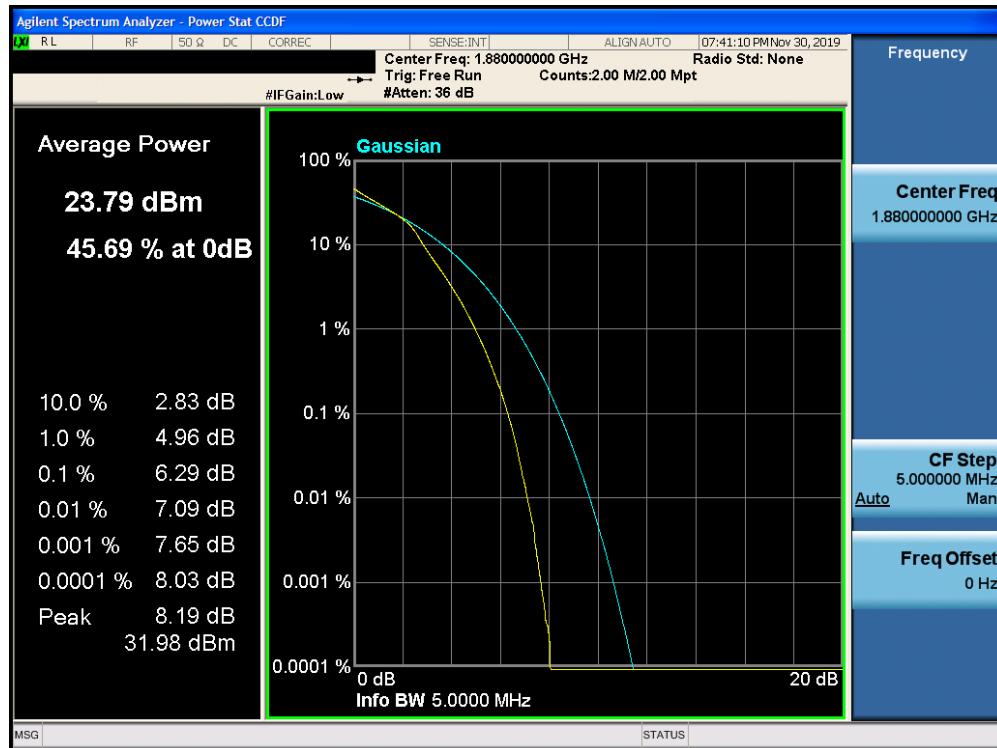


Plot 7-366. PAR Plot (Band 2 – 3.0MHz 64-QAM – RB Size 15)

FCC ID: BCGA2232	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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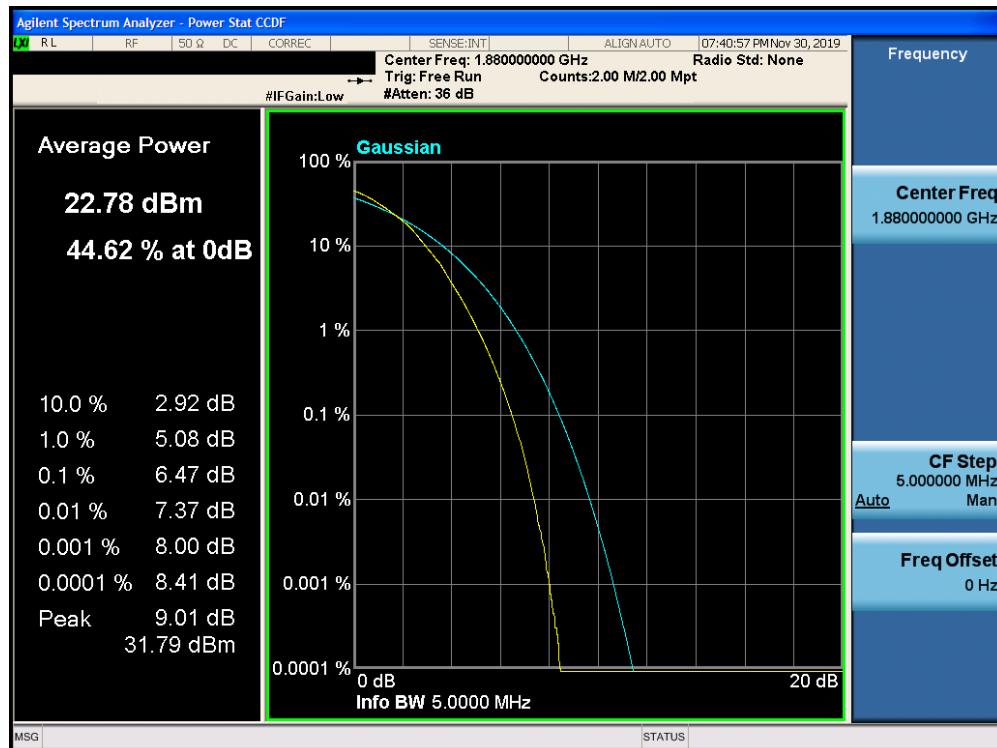


Plot 7-367. PAR Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

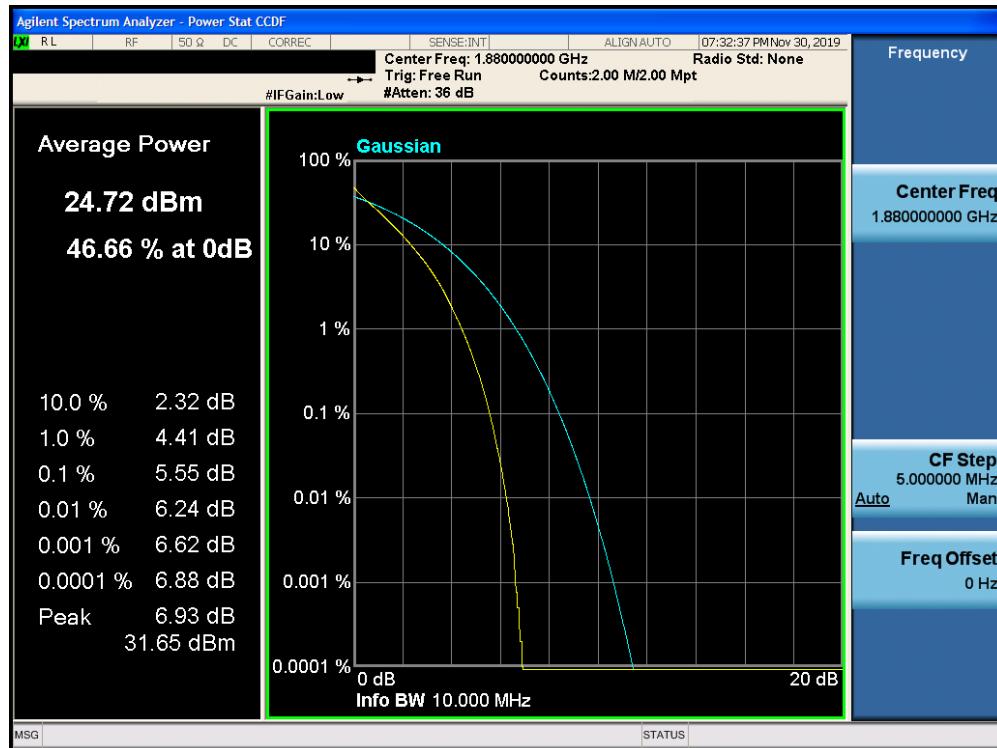


Plot 7-368. PAR Plot (Band 2 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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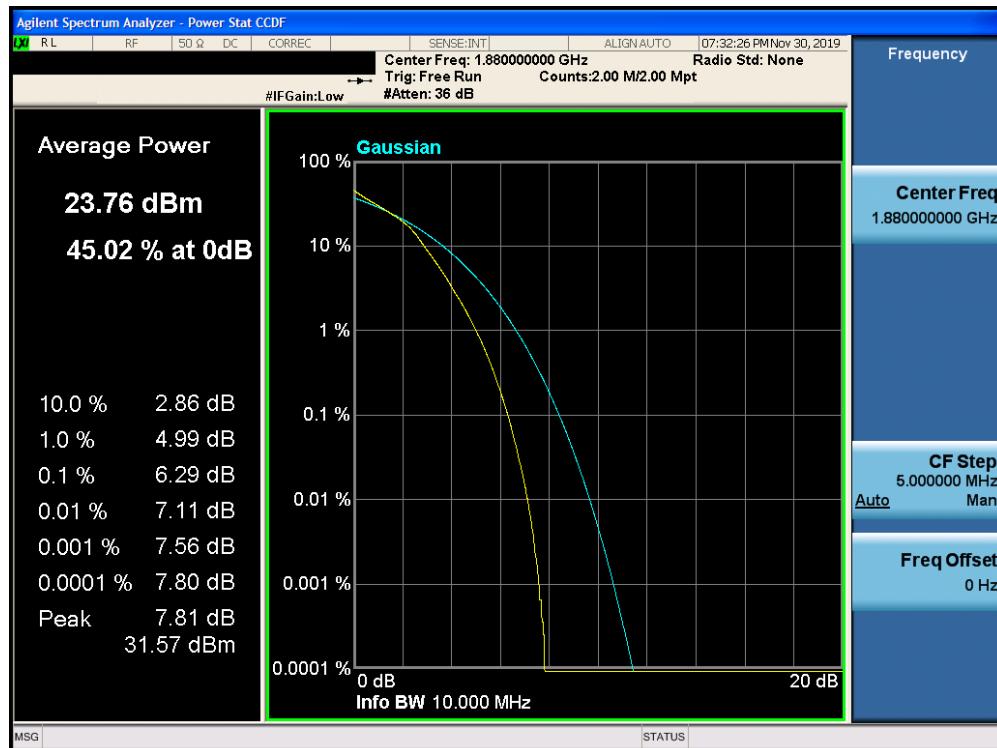


Plot 7-369. PAR Plot (Band 2 – 5.0MHz 64-QAM – RB Size 25)

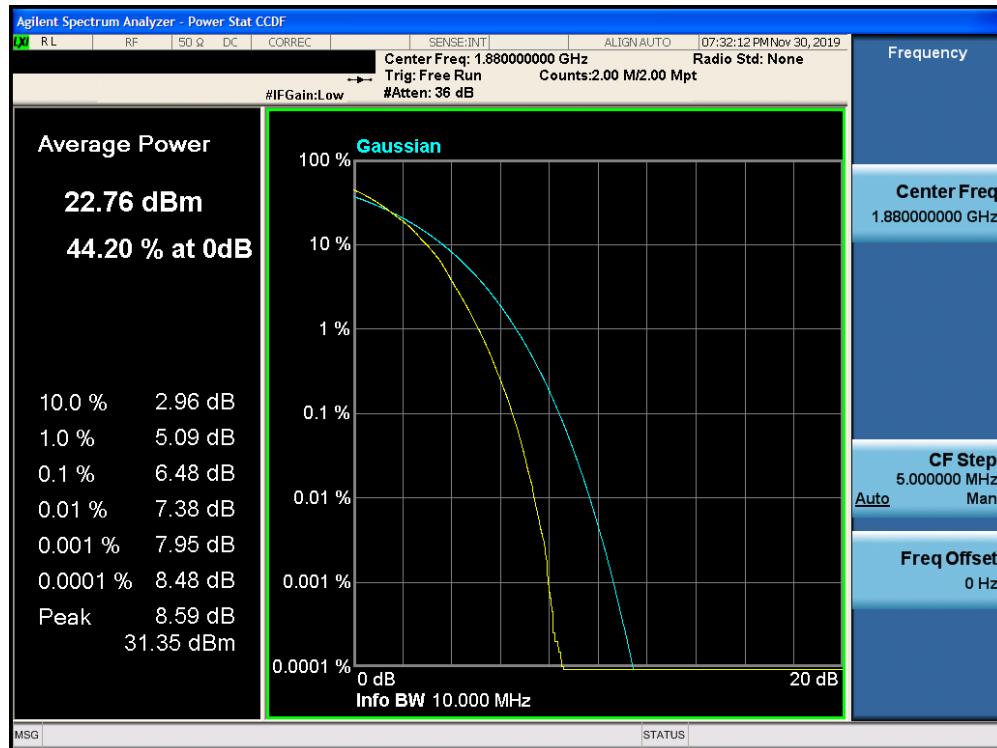


Plot 7-370. PAR Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA2232	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 216 of 401

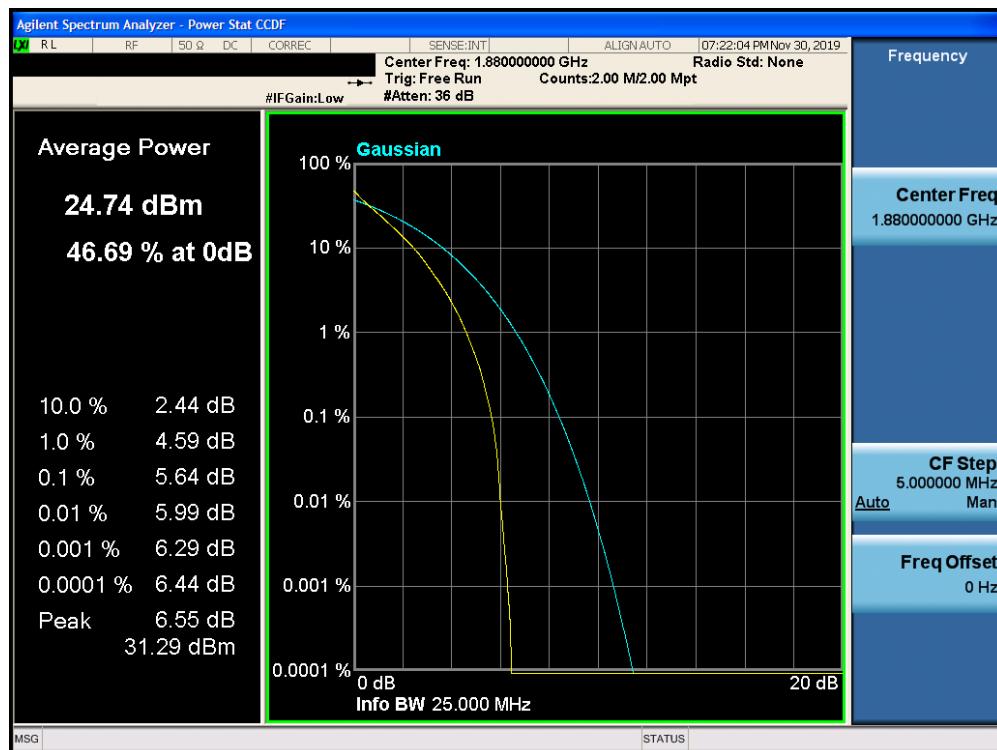


Plot 7-371. PAR Plot (Band 2 – 10.0MHz 16-QAM – RB Size 50)

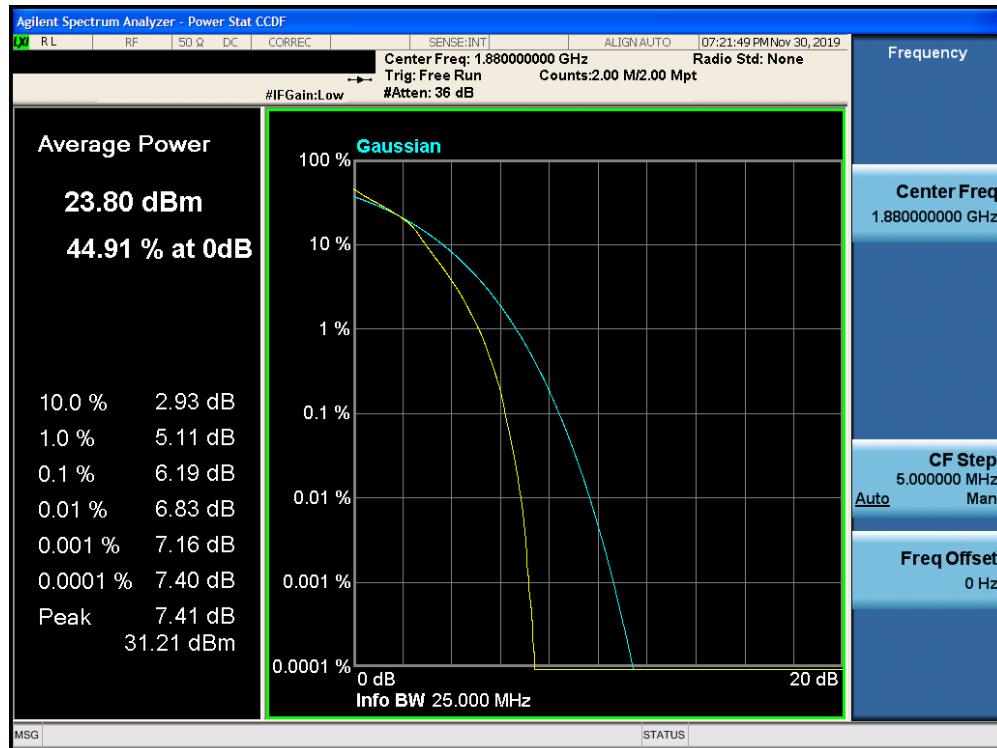


Plot 7-372. PAR Plot (Band 2 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA2232	 <b>PCTEST</b>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-373. PAR Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

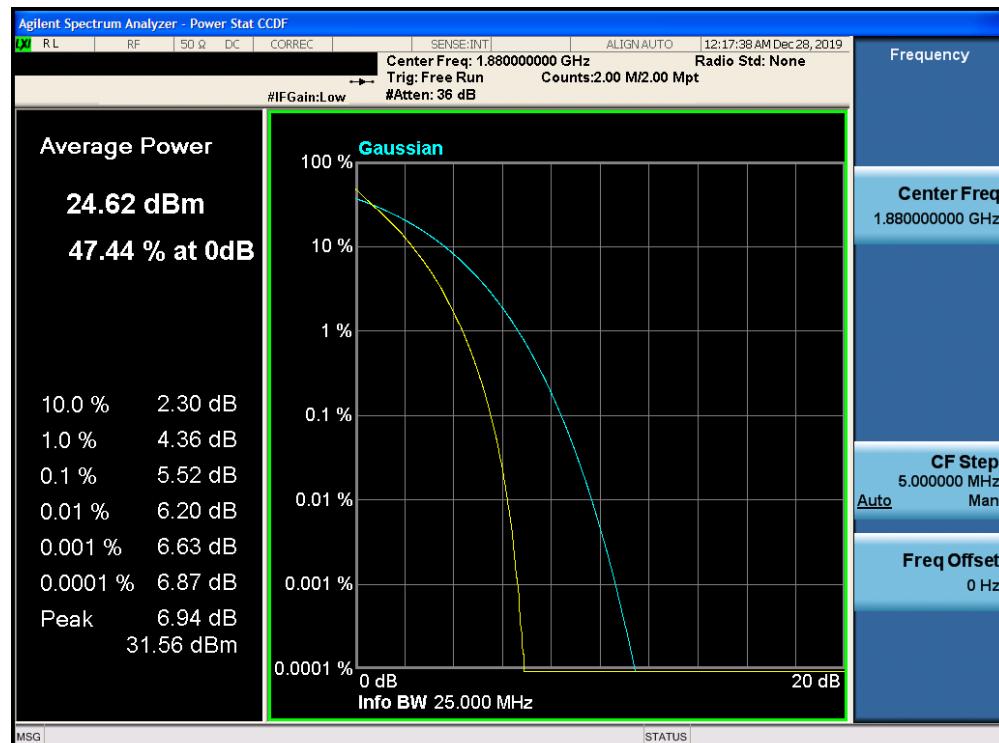


Plot 7-374. PAR Plot (Band 2 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 218 of 401

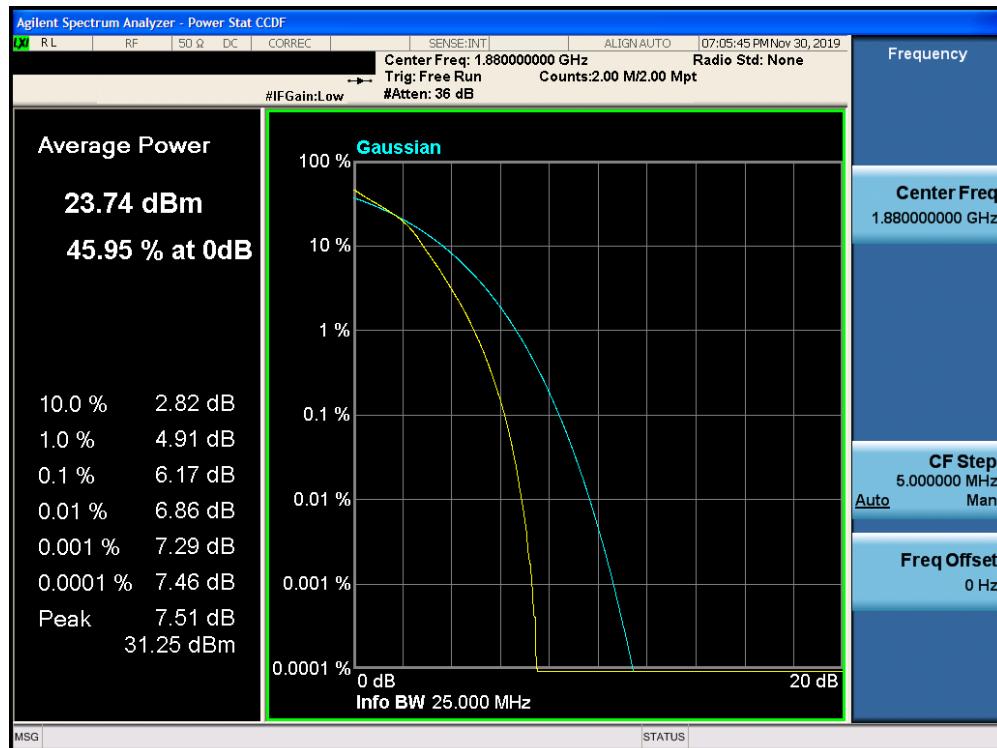


Plot 7-375. PAR Plot (Band 2 – 15.0MHz 64-QAM – RB Size 75)

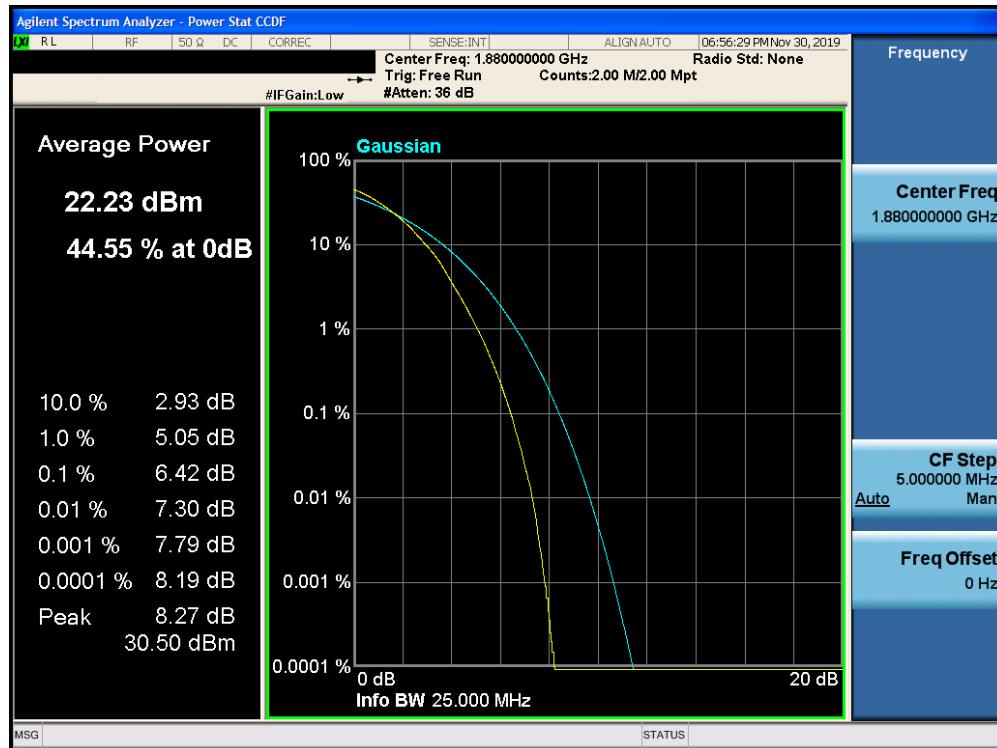


Plot 7-376. PAR Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-377. PAR Plot (Band 2 – 20.0MHz 16-QAM – RB Size 100)



Plot 7-378. PAR Plot (Band 2 – 20.0MHz 64-QAM – RB Size 100)

FCC ID: BCGA2232		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170055-03-R1.BCG	Test Dates: 12/10/2019 - 02/25/2020	EUT Type: Tablet Device	Page 220 of 401