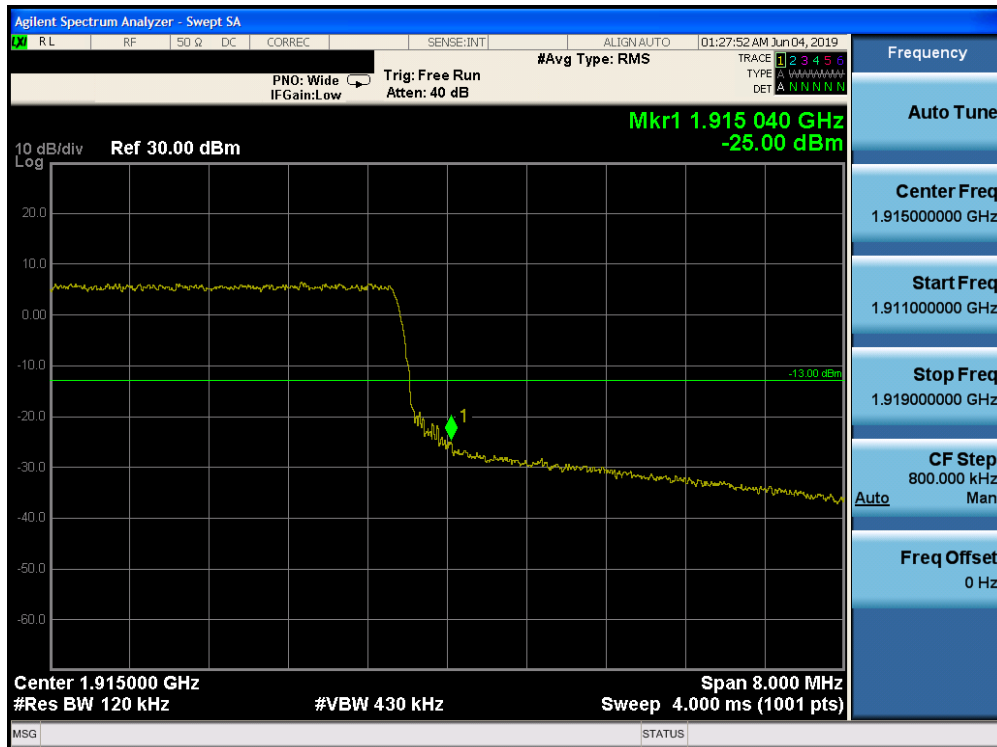
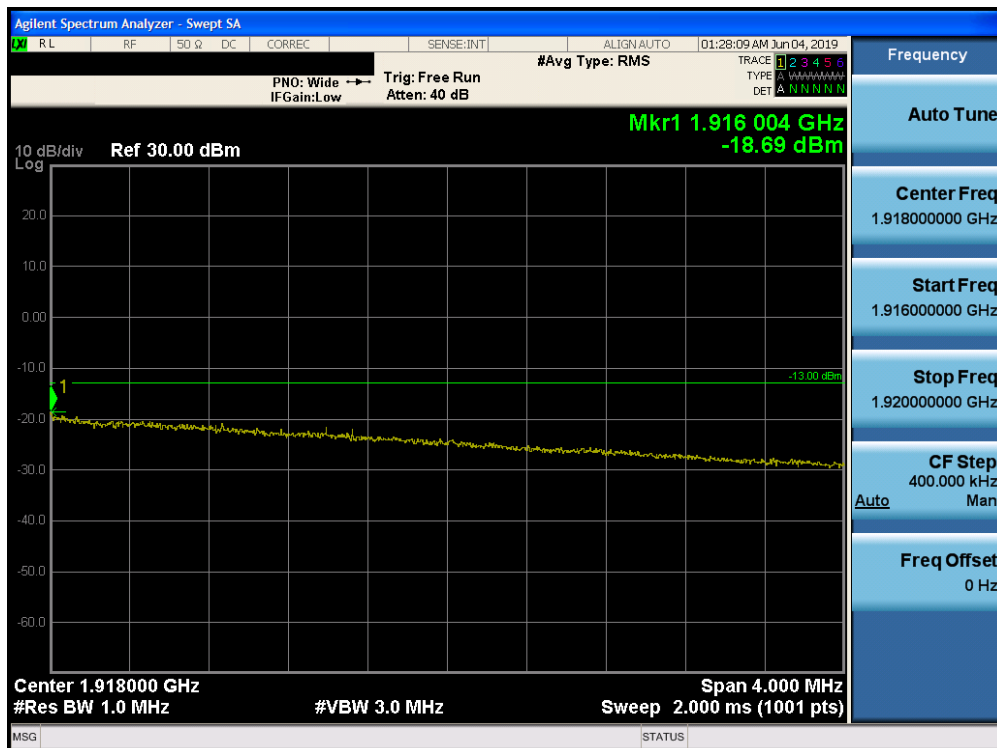


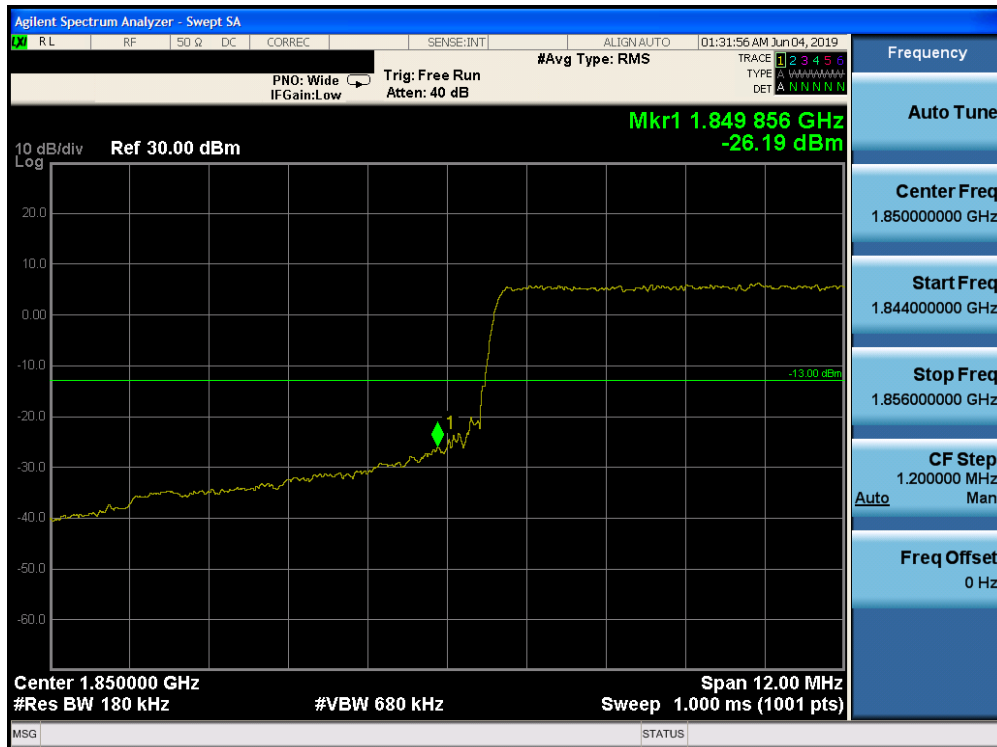


Plot 7-263. Upper Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

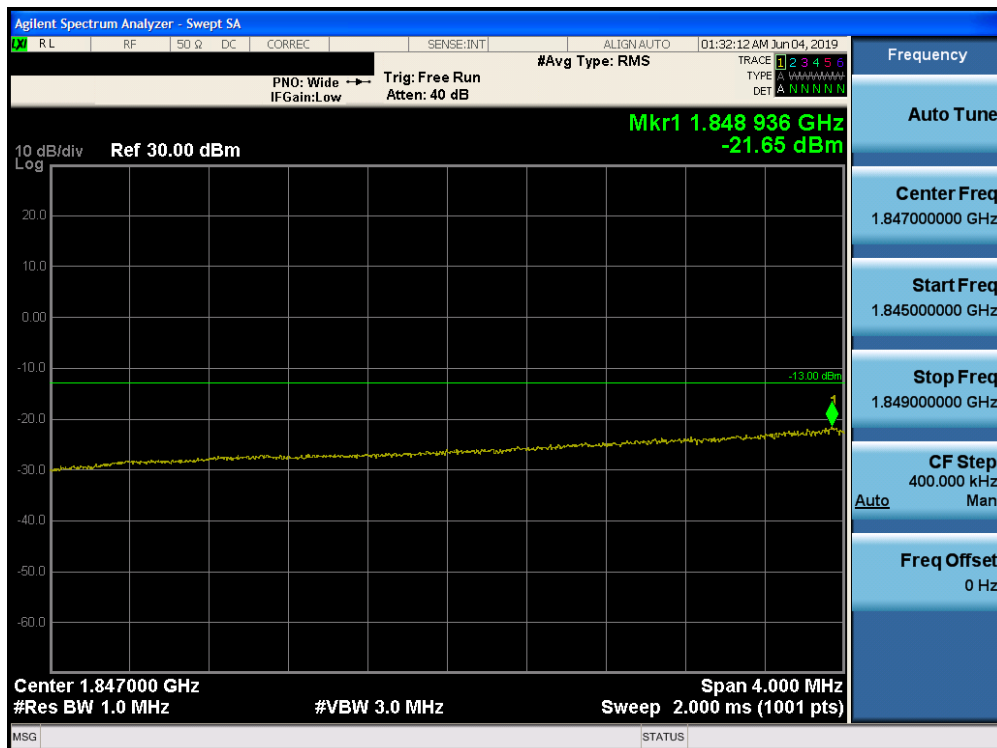


Plot 7-264. Upper Extended Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Plot 7-265. Lower Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

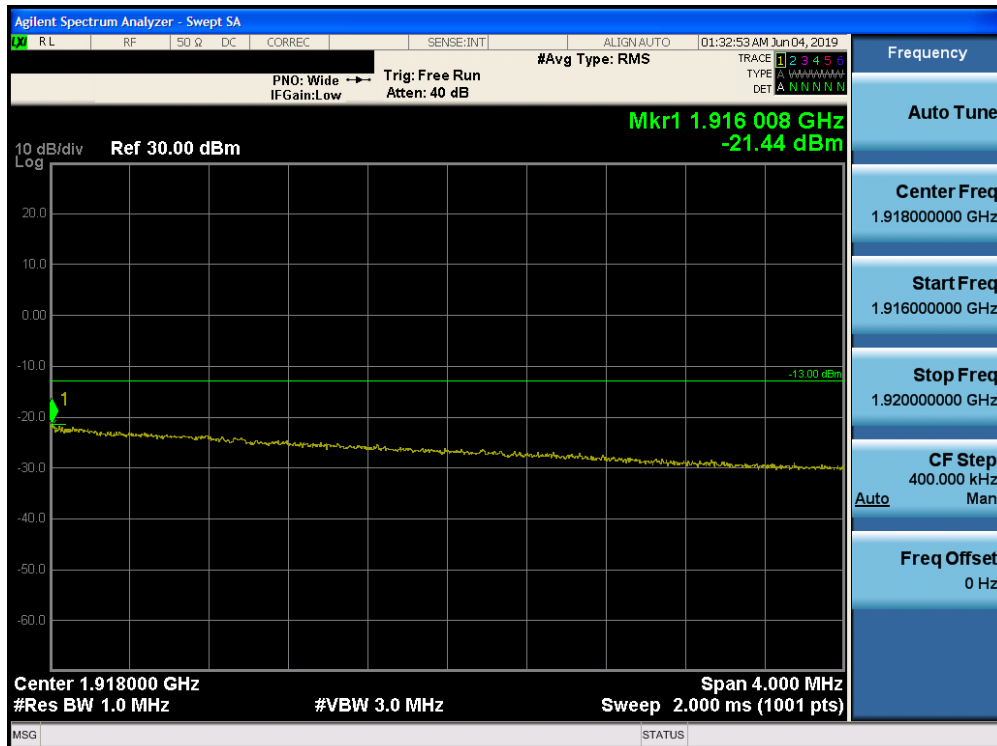


Plot 7-266. Lower Extended Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 161 of 341

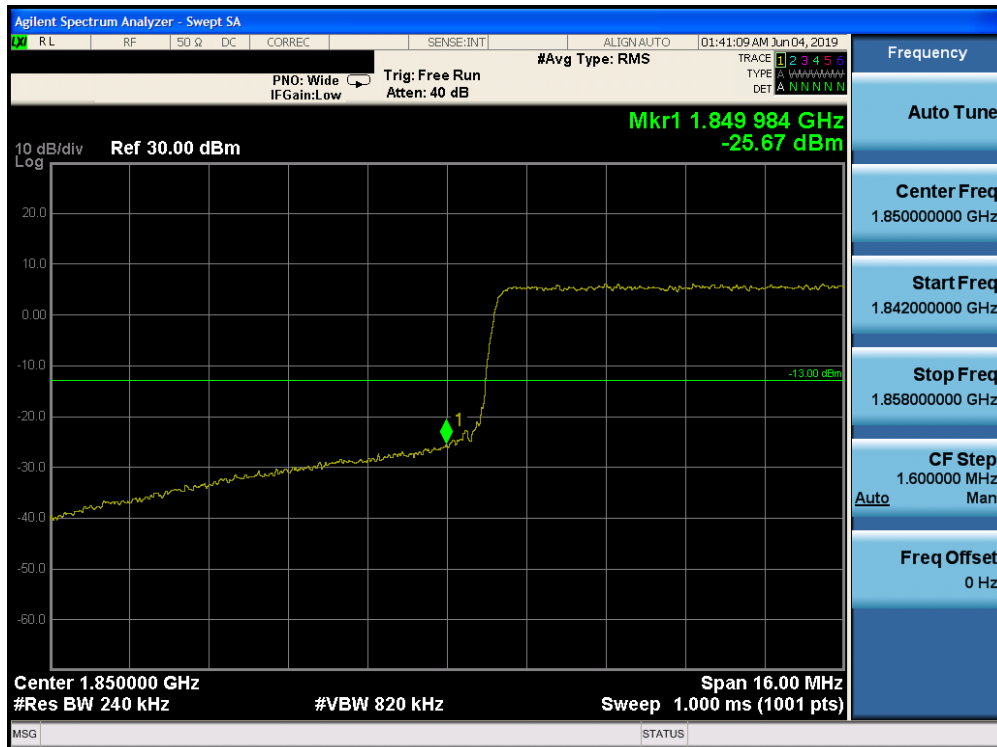


Plot 7-267. Upper Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

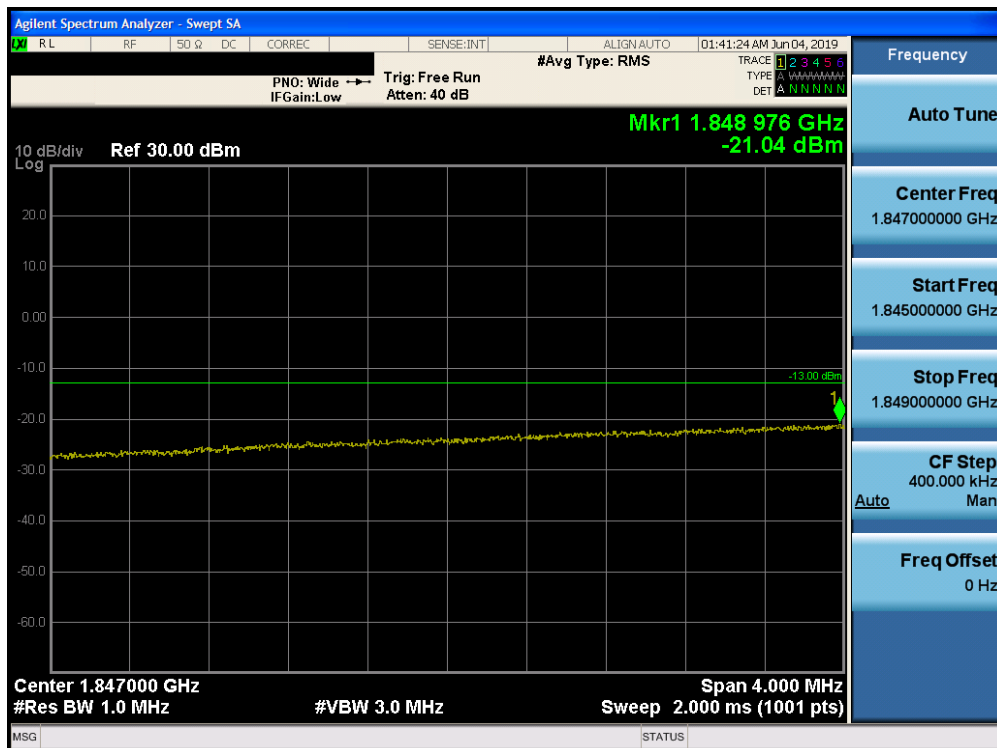


Plot 7-268. Upper Extended Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 162 of 341

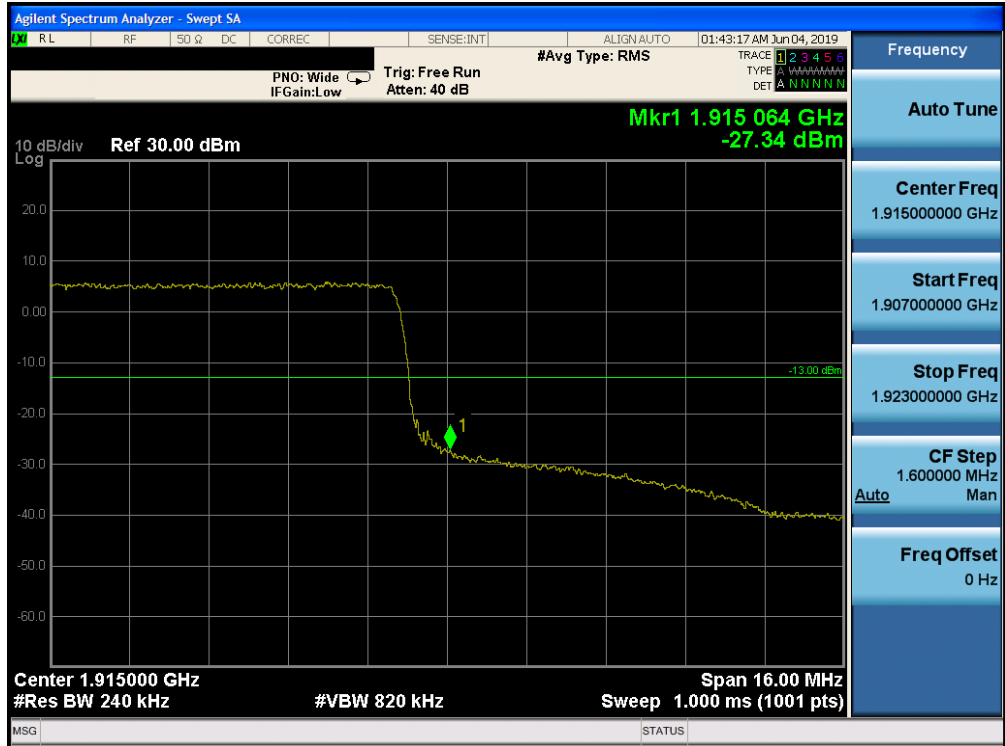


Plot 7-269. Lower Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

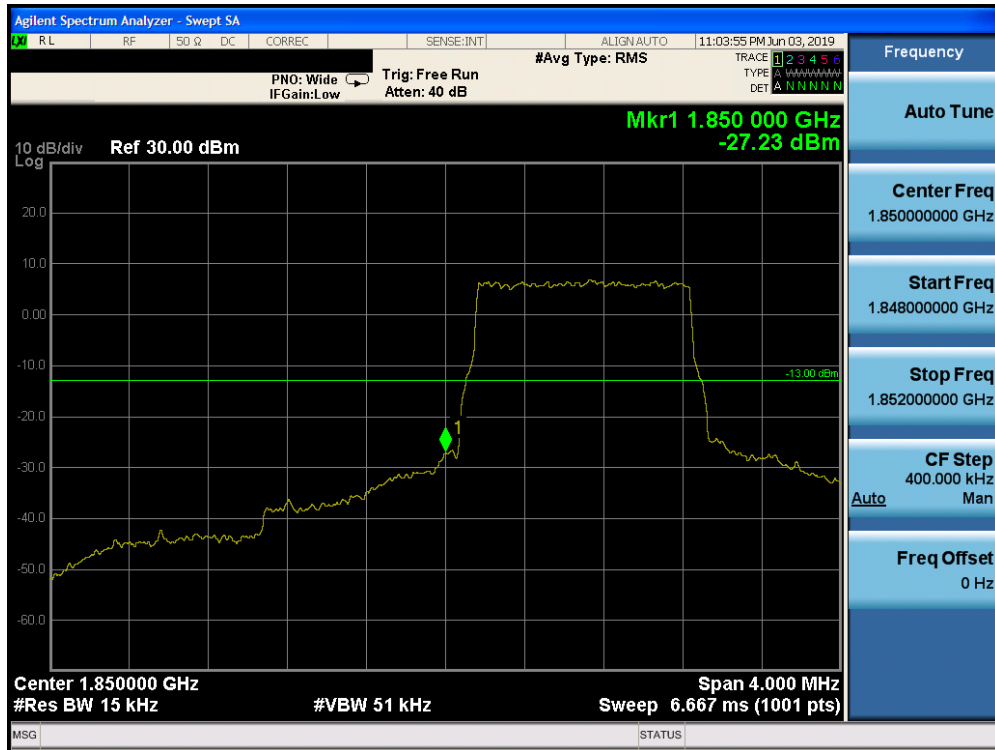


Plot 7-270. Lower Extended Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

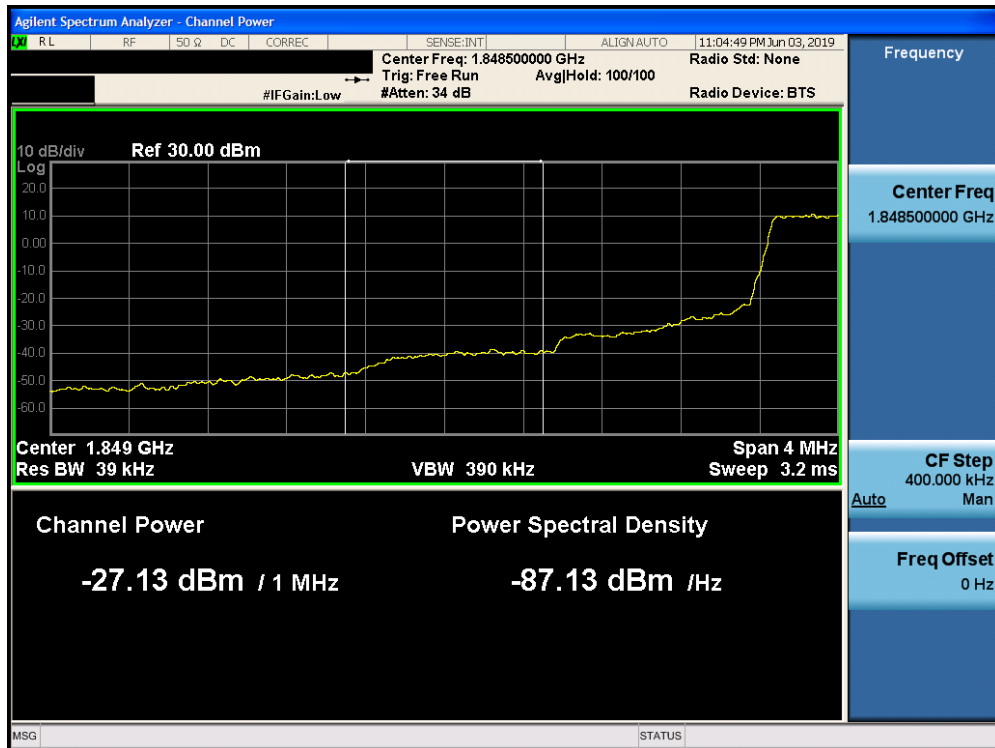
FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 163 of 341



Band 2

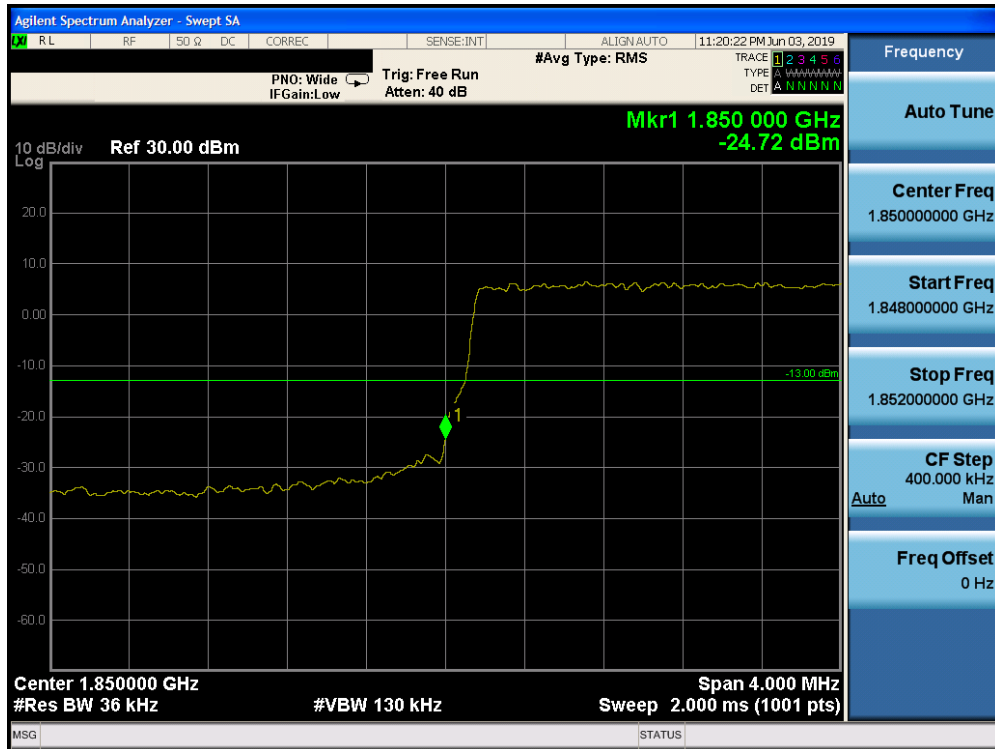


Plot 7-273. Lower Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

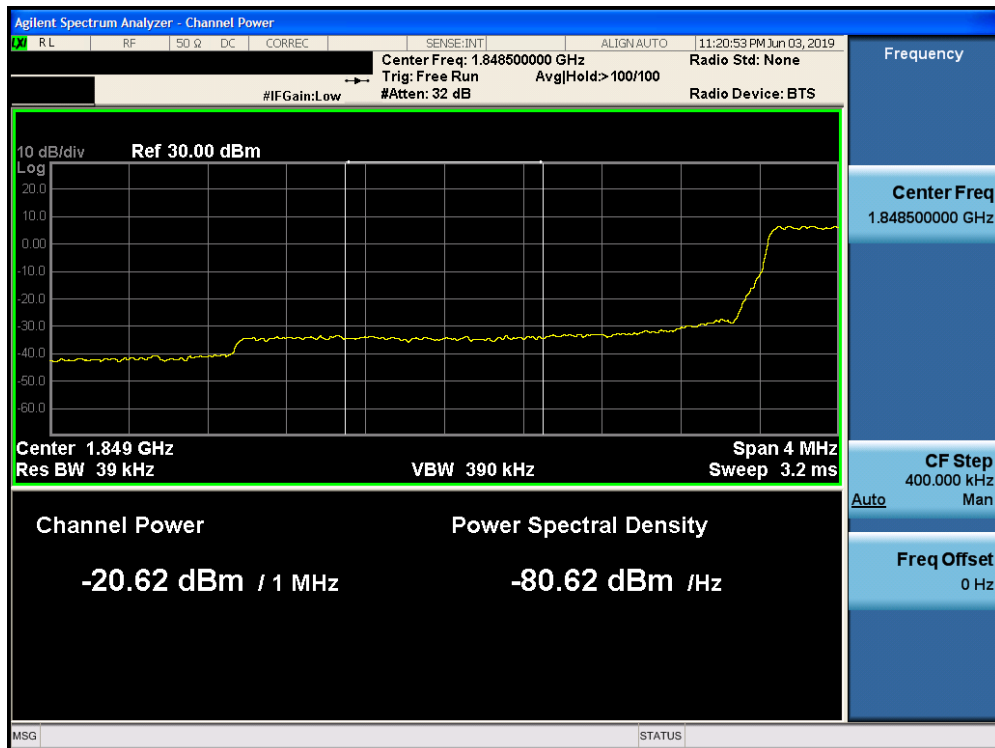


Plot 7-274. Lower Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 165 of 341

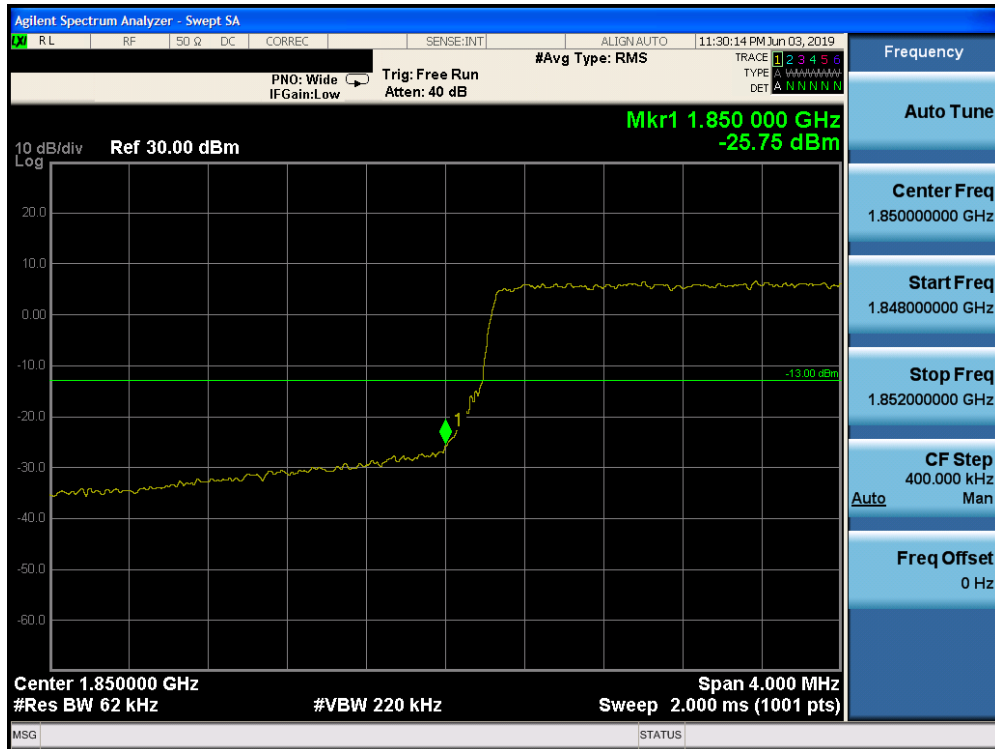


Plot 7-277. Lower Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

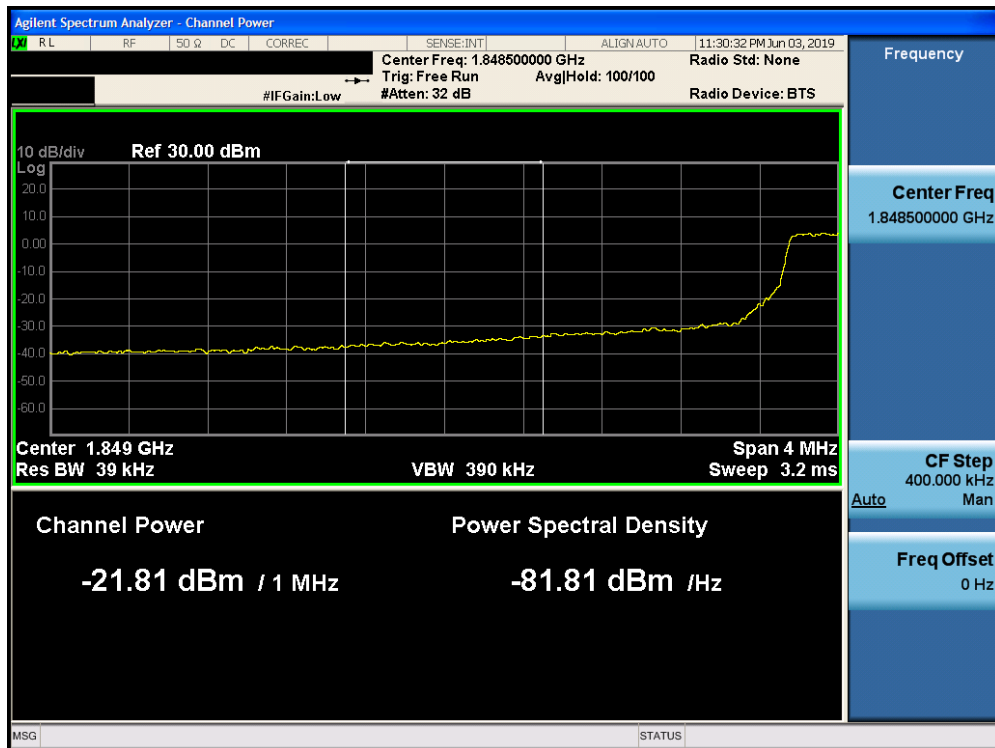


Plot 7-278. Lower Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 167 of 341

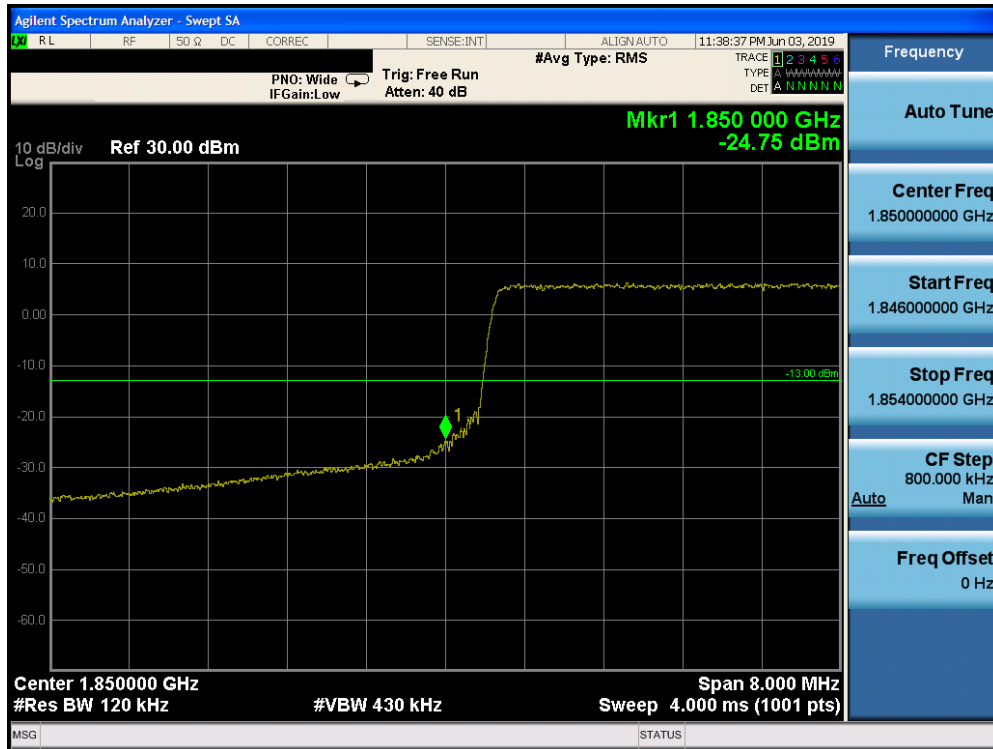


Plot 7-281. Lower Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

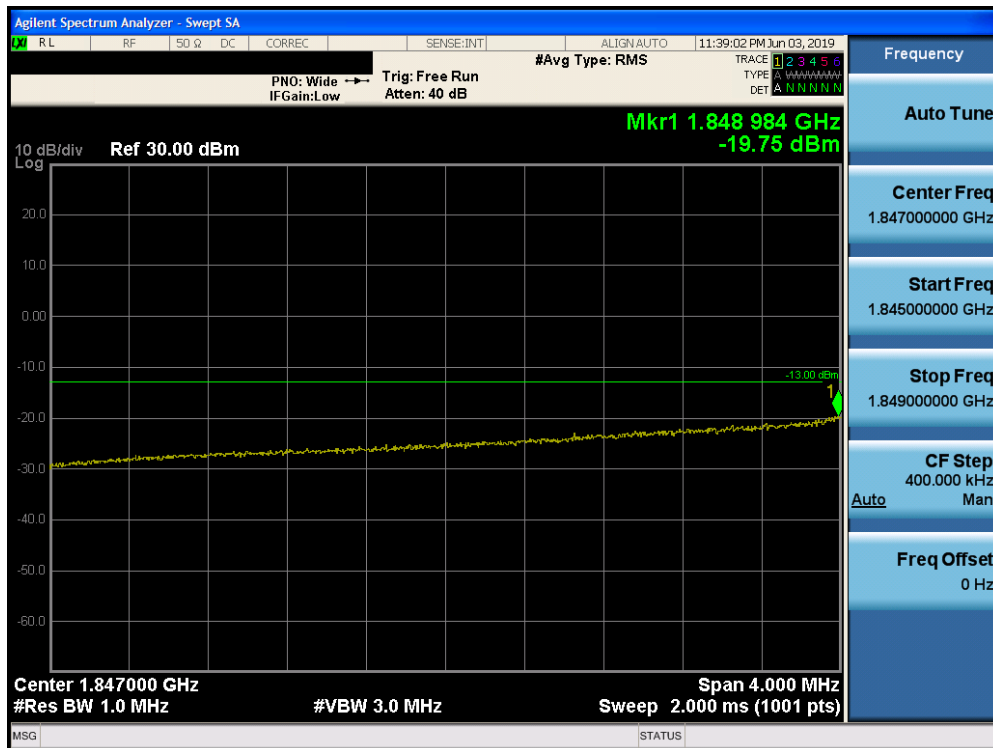


Plot 7-282. Lower Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 169 of 341

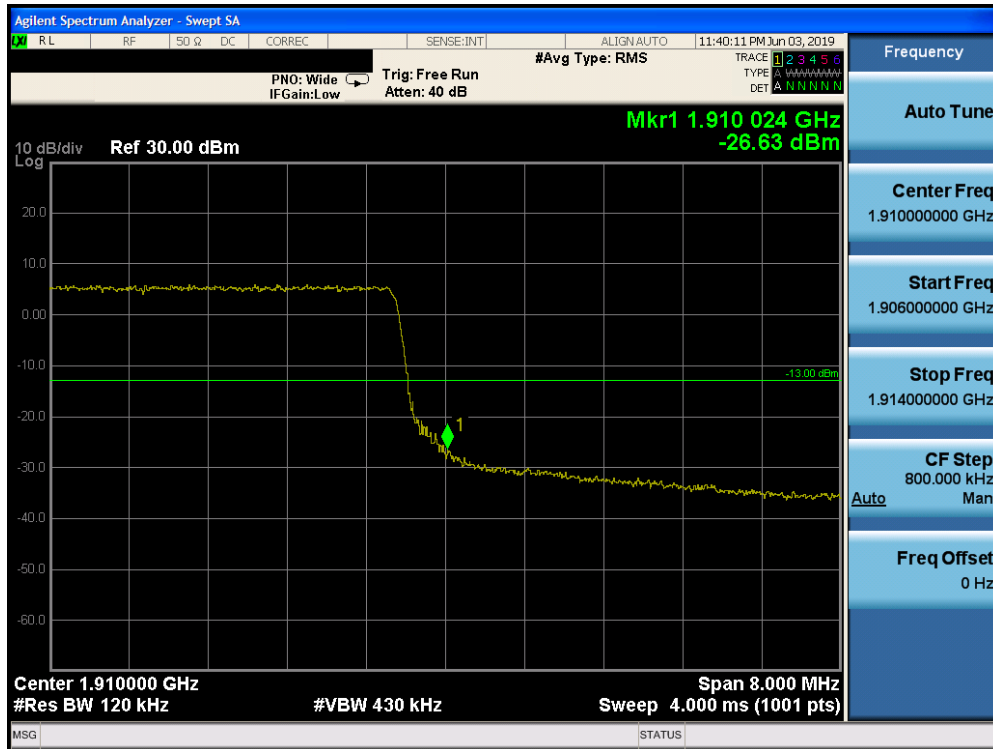


Plot 7-285. Lower Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

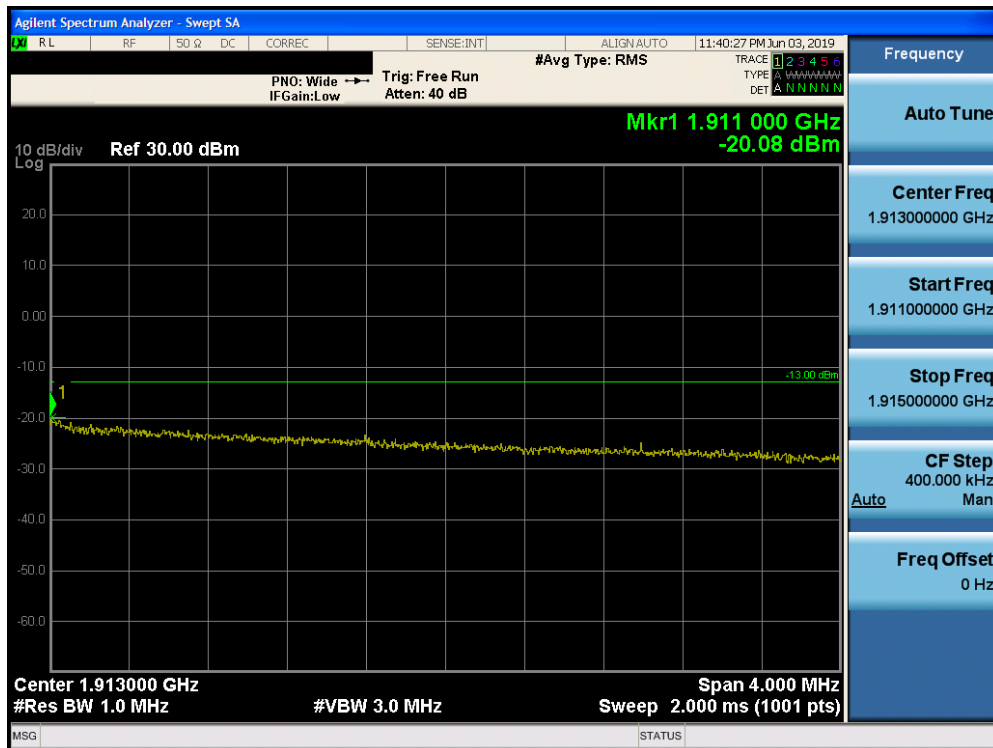


Plot 7-286. Lower Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 171 of 341

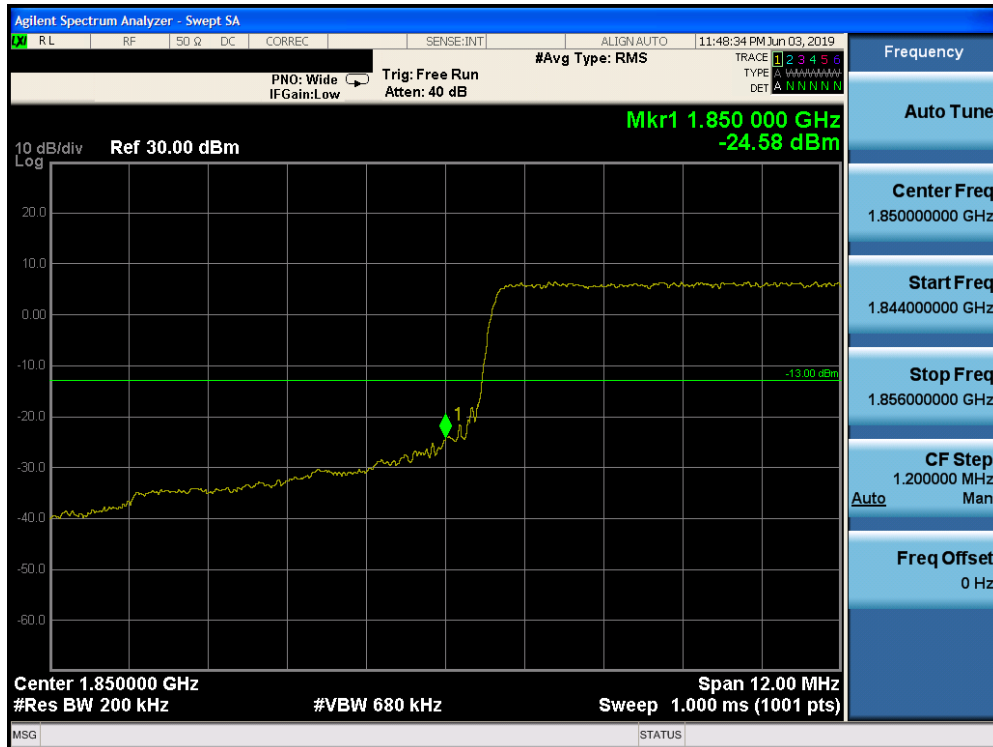


Plot 7-287. Upper Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

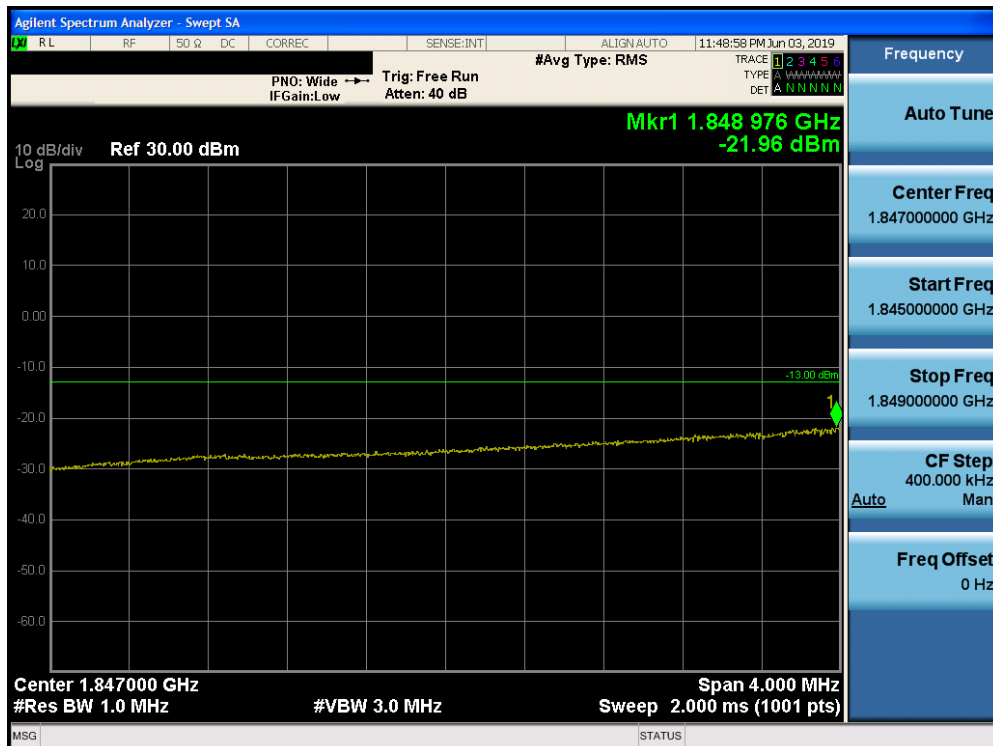


Plot 7-288. Upper Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 172 of 341



Plot 7-289. Lower Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

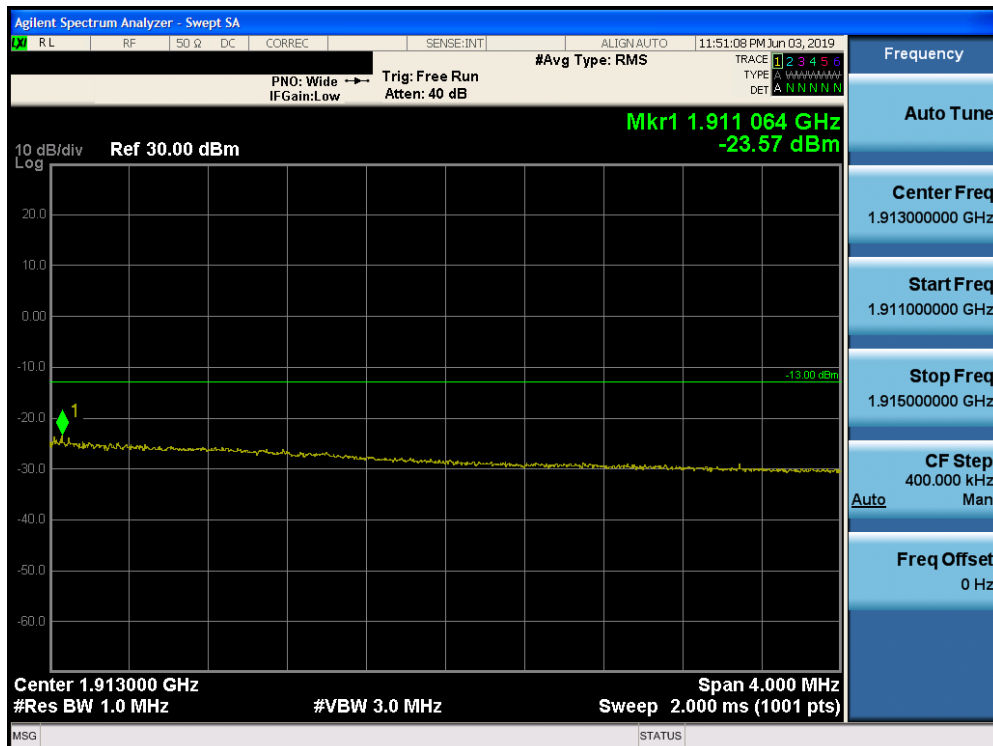


Plot 7-290. Lower Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 173 of 341

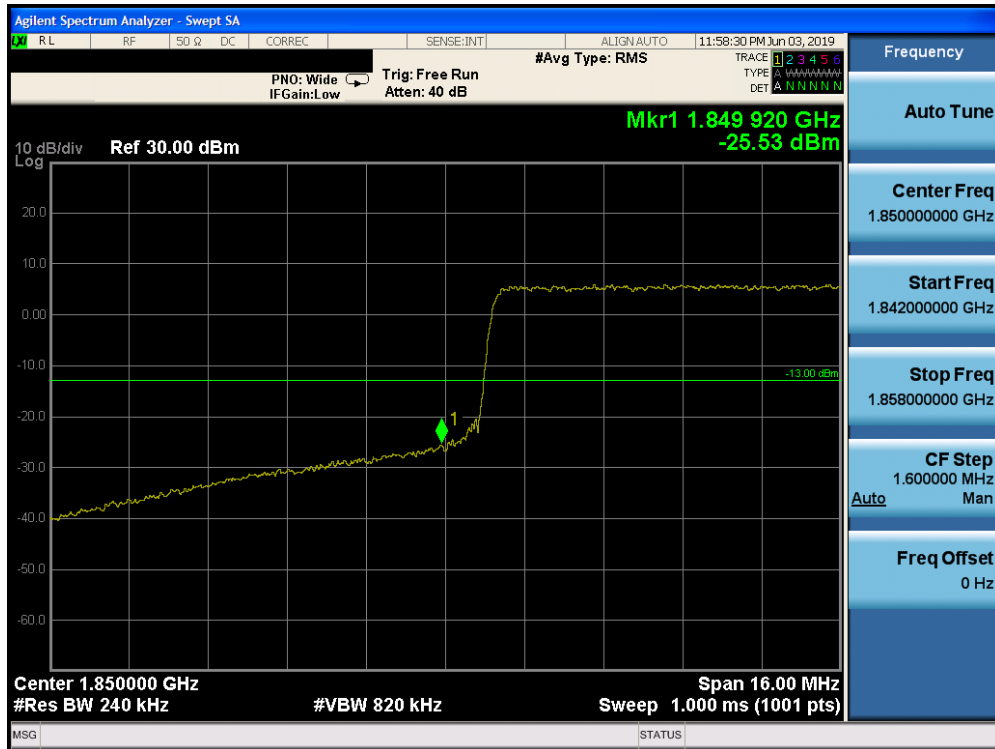


Plot 7-291. Upper Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

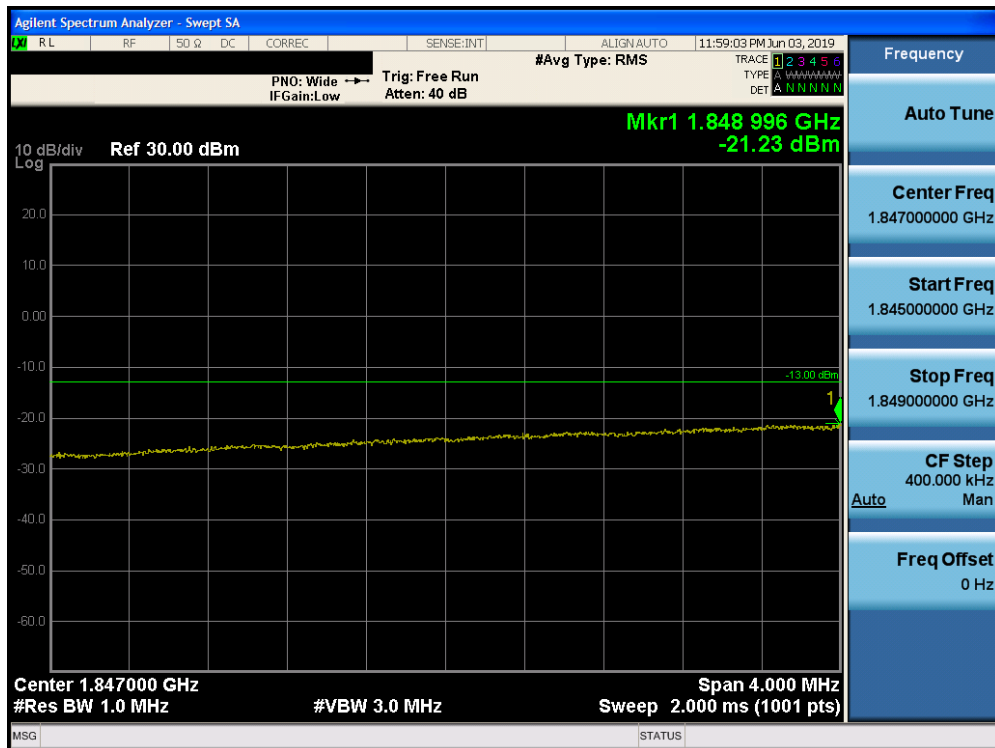


Plot 7-292. Upper Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 174 of 341



Plot 7-293. Lower Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

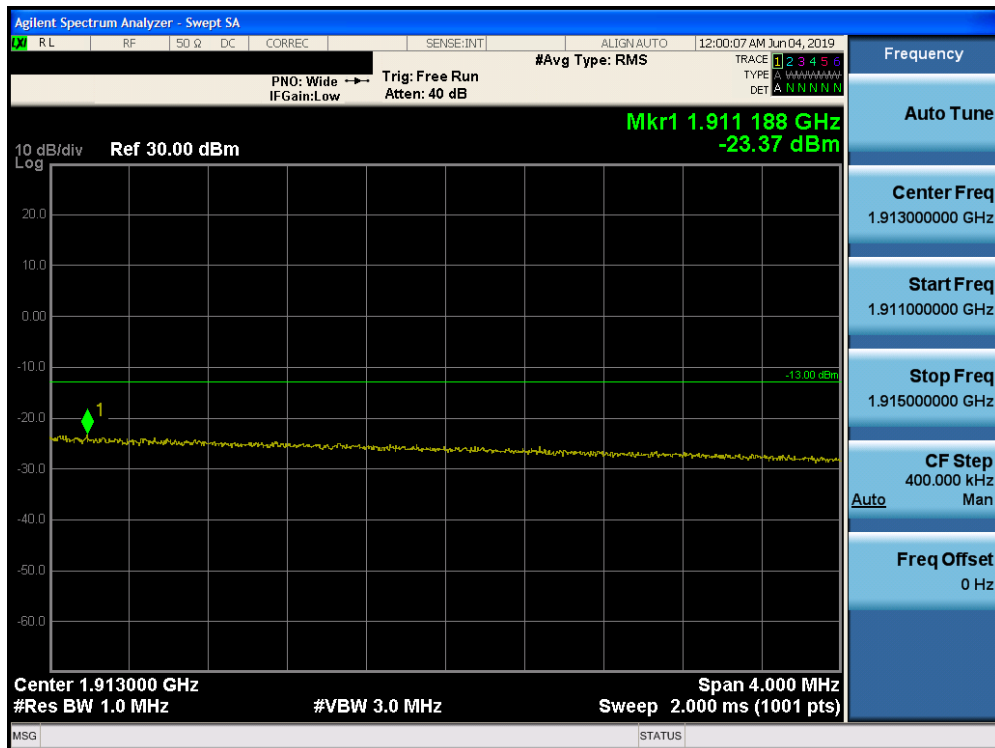


Plot 7-294. Lower Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 175 of 341



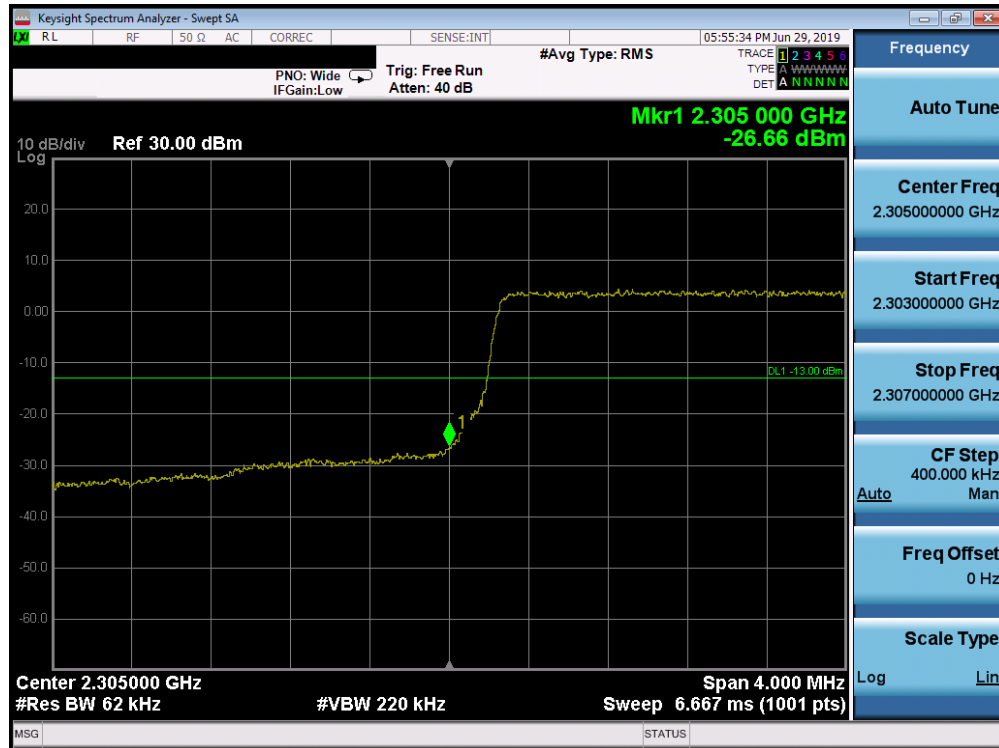
Plot 7-295. Upper Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-296. Upper Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 176 of 341

Band 30



Plot 7-297. Lower Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

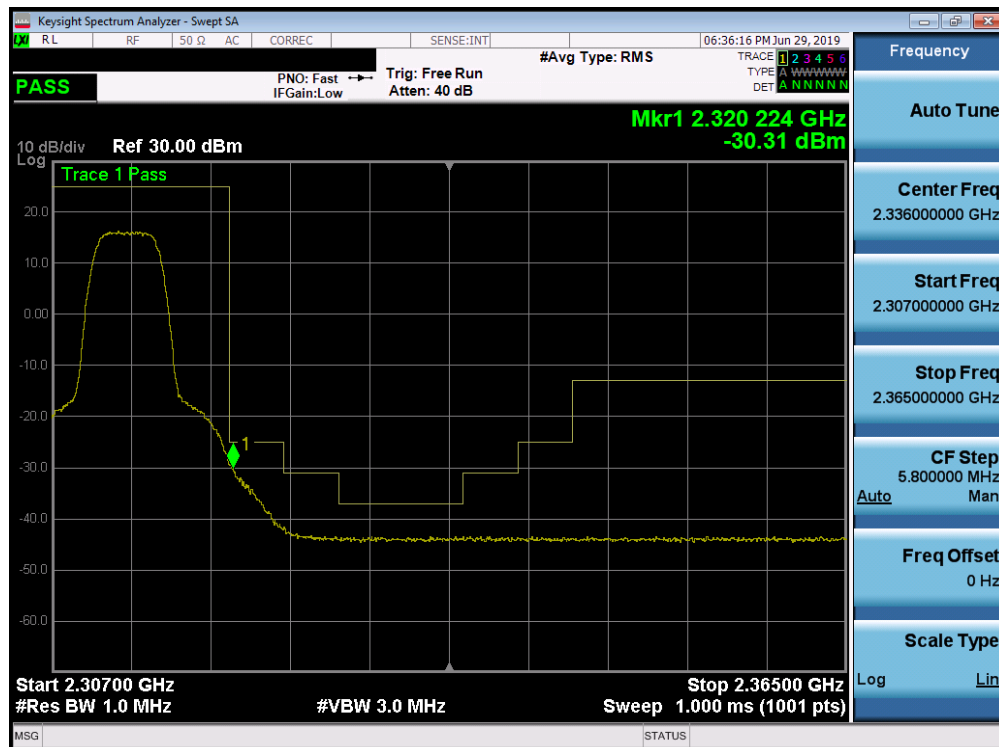


Plot 7-298. Lower Extended Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 177 of 341

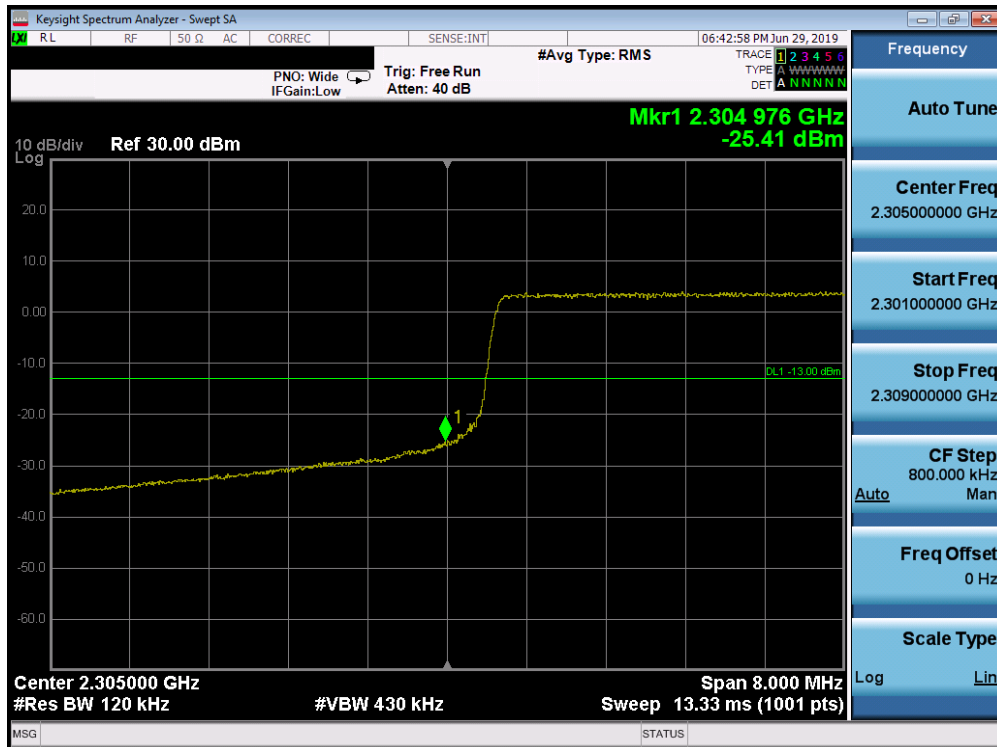


Plot 7-299. Upper Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

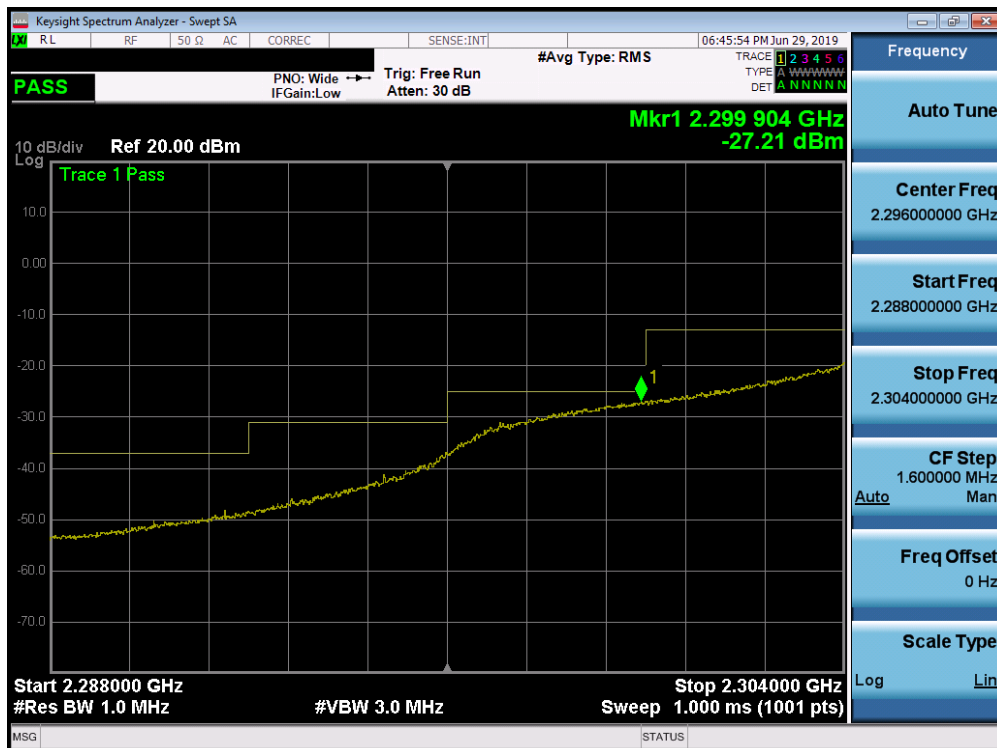


Plot 7-300. Upper Extended Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 178 of 341



Plot 7-301. Lower Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-302. Lower Extended Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 179 of 341



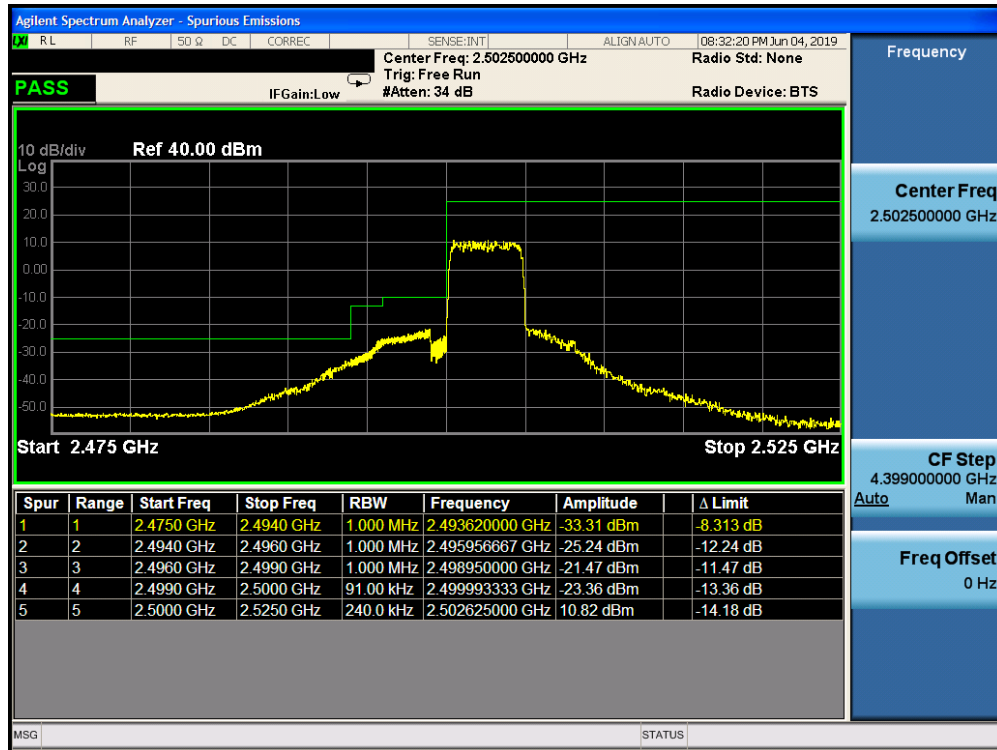
Plot 7-303. Upper Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)



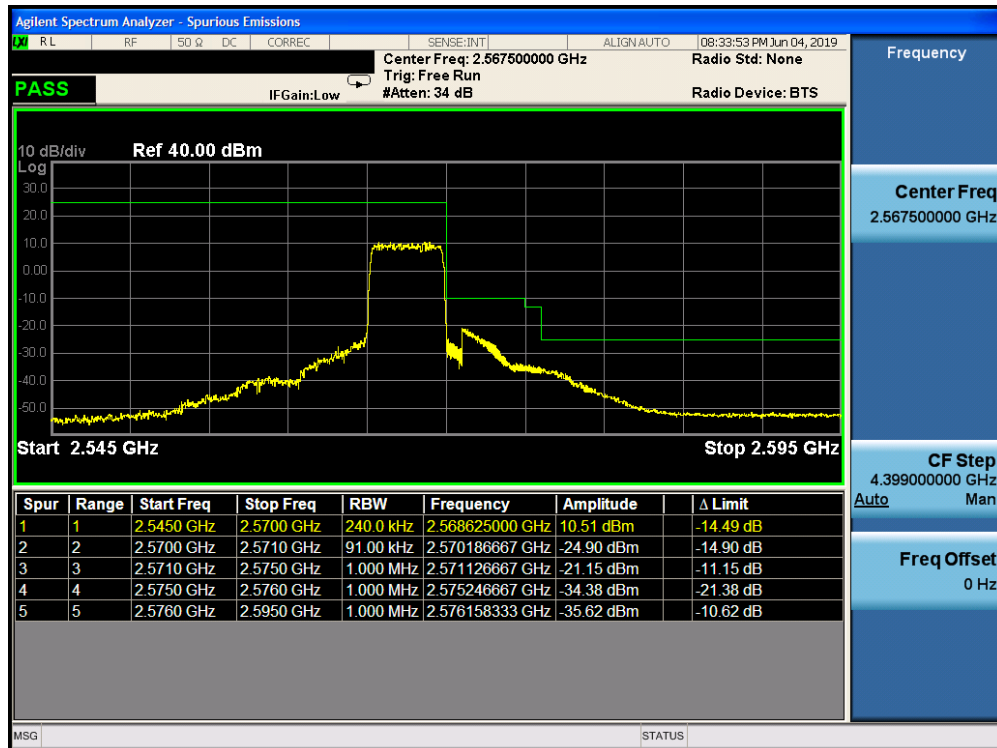
Plot 7-304. Upper Extended Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 180 of 341

Band 7

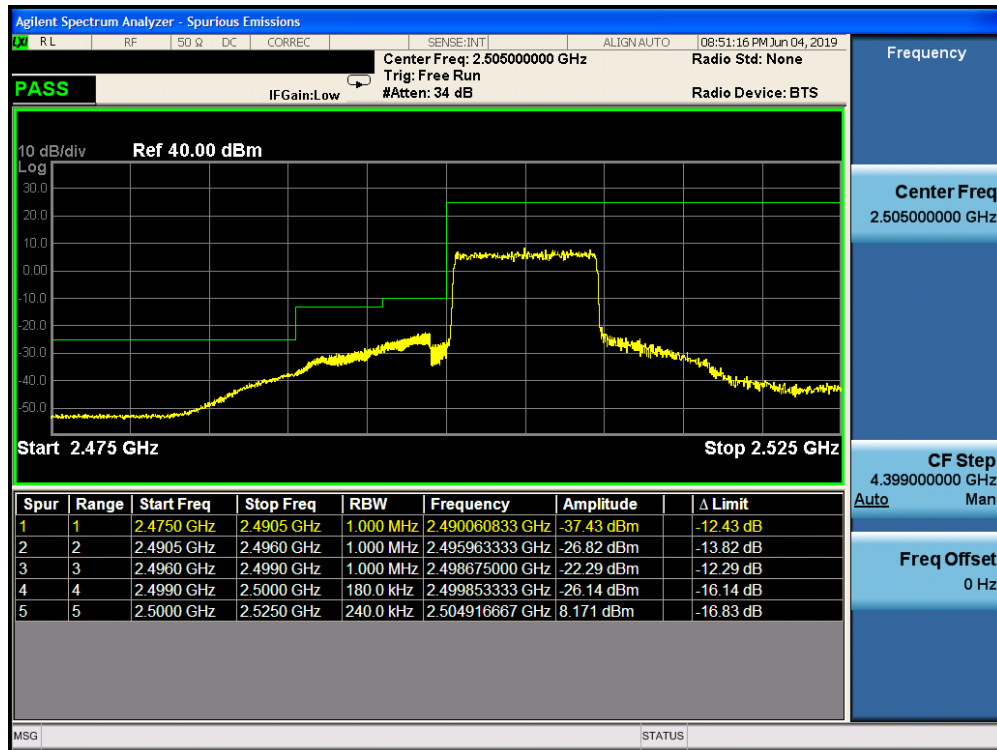


Plot 7-305. Lower ACP Plot (Band 7 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-306. Upper ACP Plot (Band 7 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 181 of 341

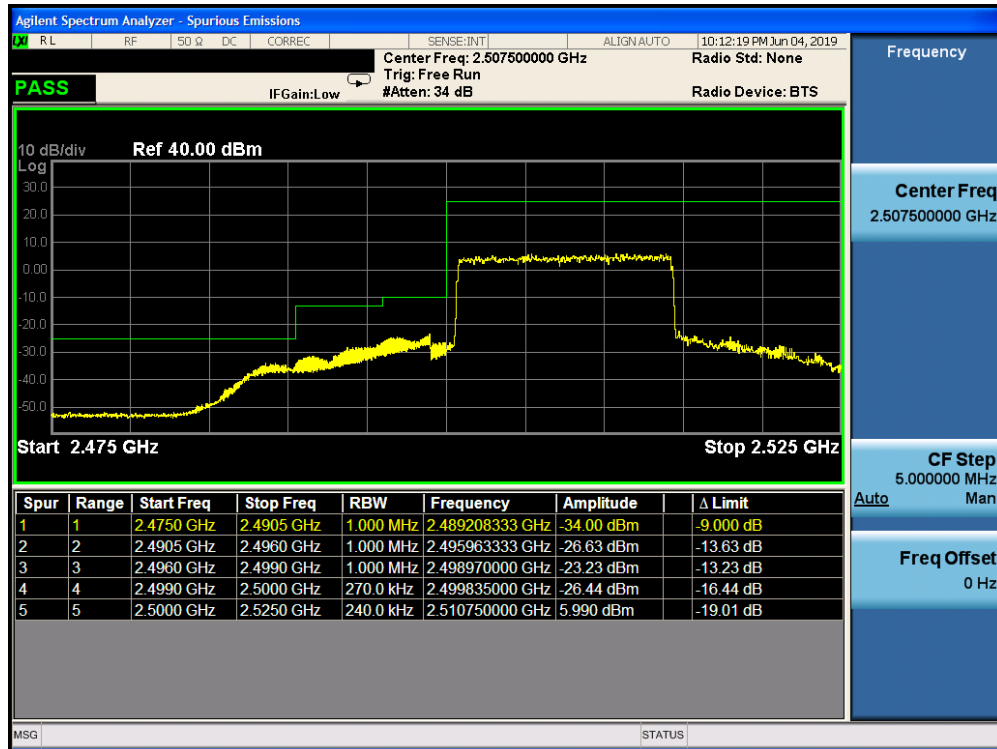


Plot 7-307. Lower ACP Plot(Band 7 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-308. Upper ACP Plot (Band 7 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	
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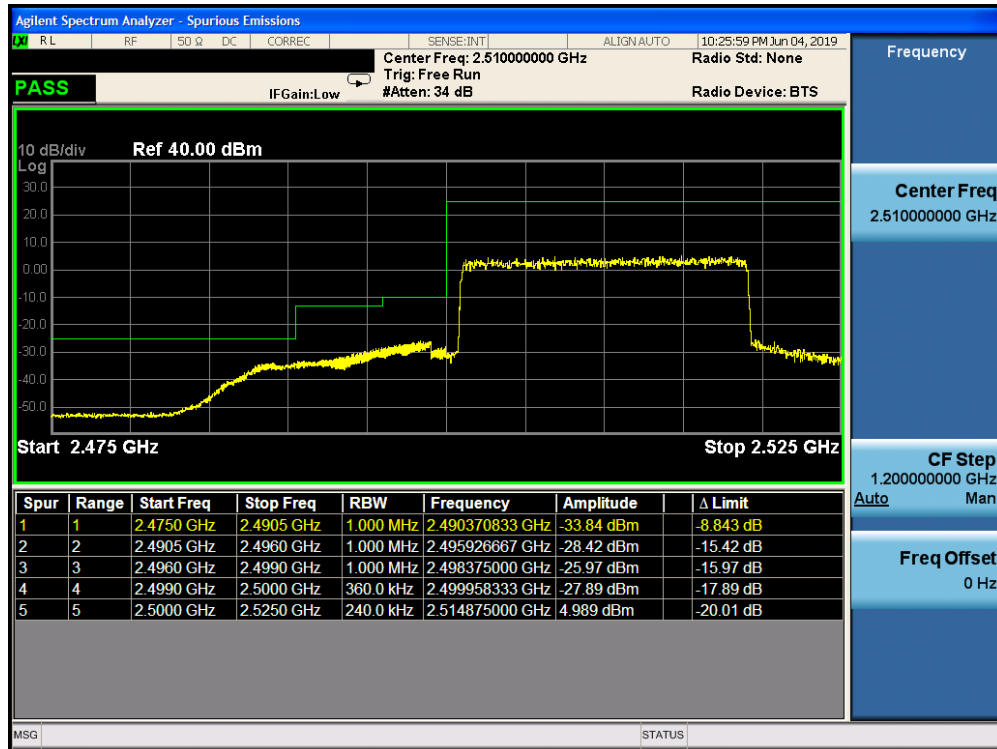


Plot 7-309. Lower ACP Plot(Band 7 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-310. Upper ACP Plot (Band 7 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 183 of 341



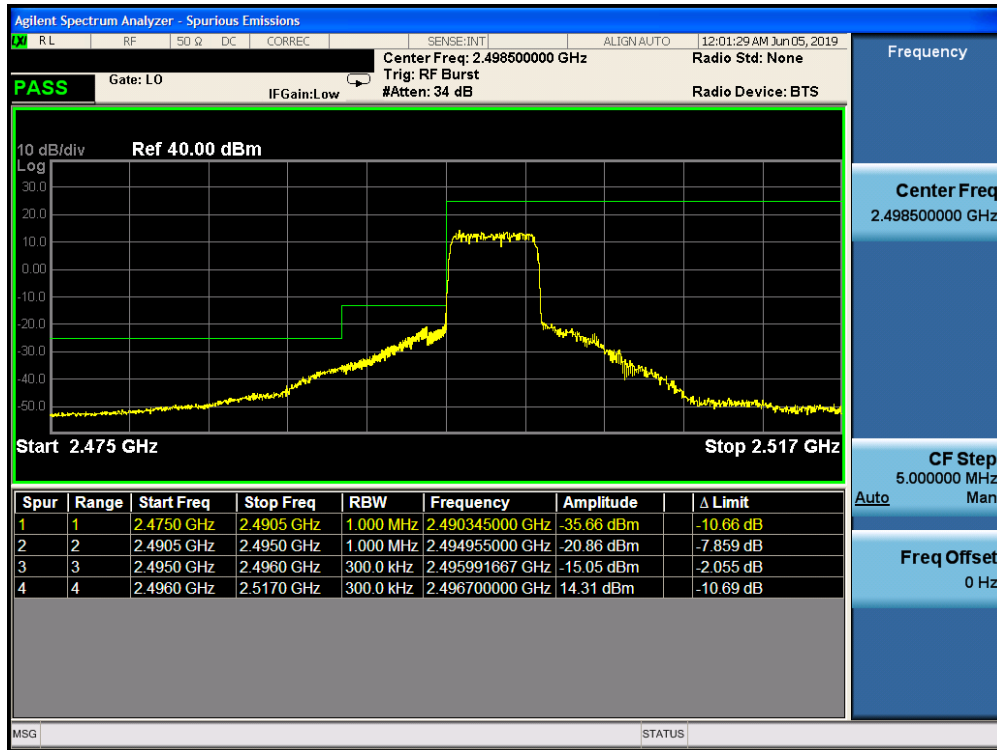
Plot 7-311. Lower ACP Plot(Band 7 - 20.0MHz QPSK - Full RB Configuration)



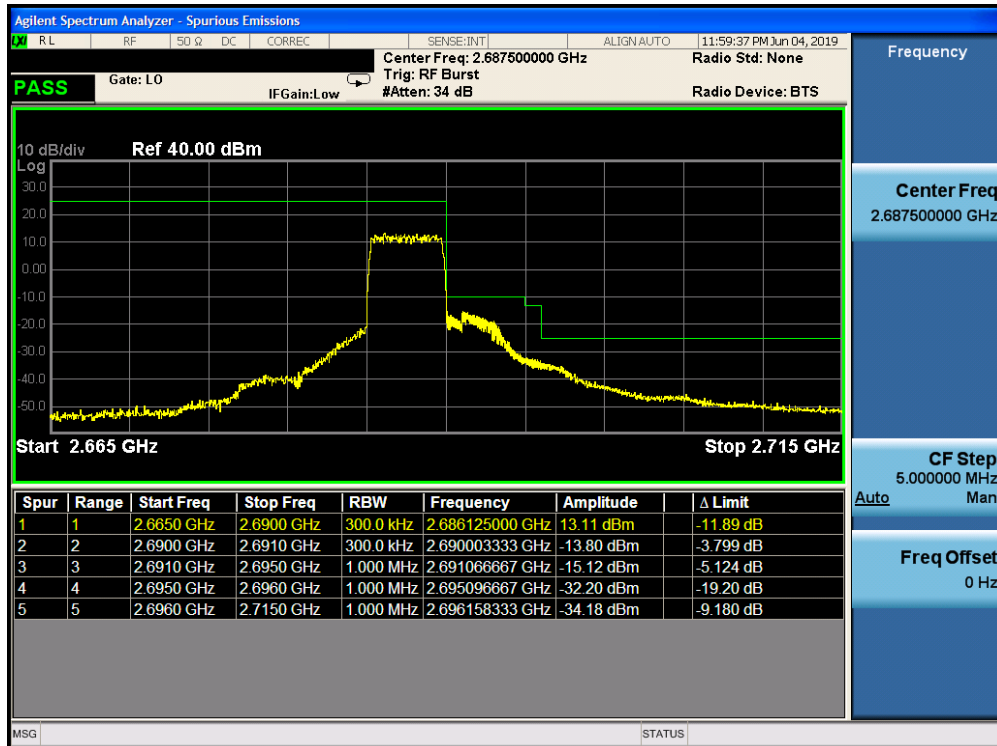
Plot 7-312. Upper ACP Plot (Band 7 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	
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Band 41

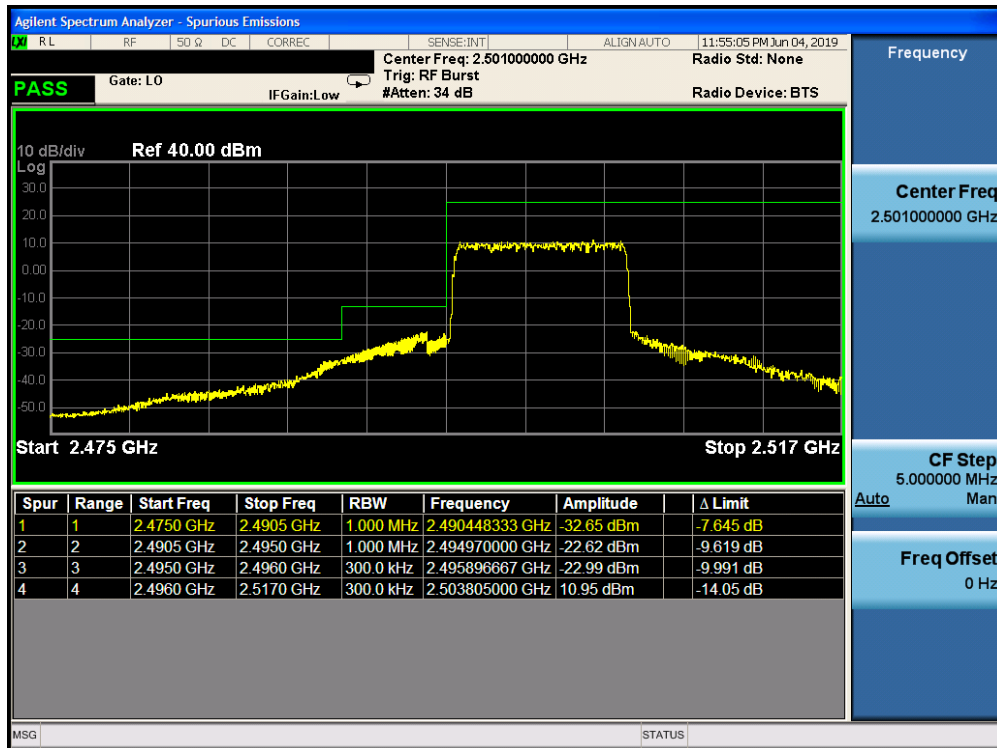


Plot 7-313. Lower ACP Plot(Band 41 - 5.0MHz QPSK - Full RB Configuration)

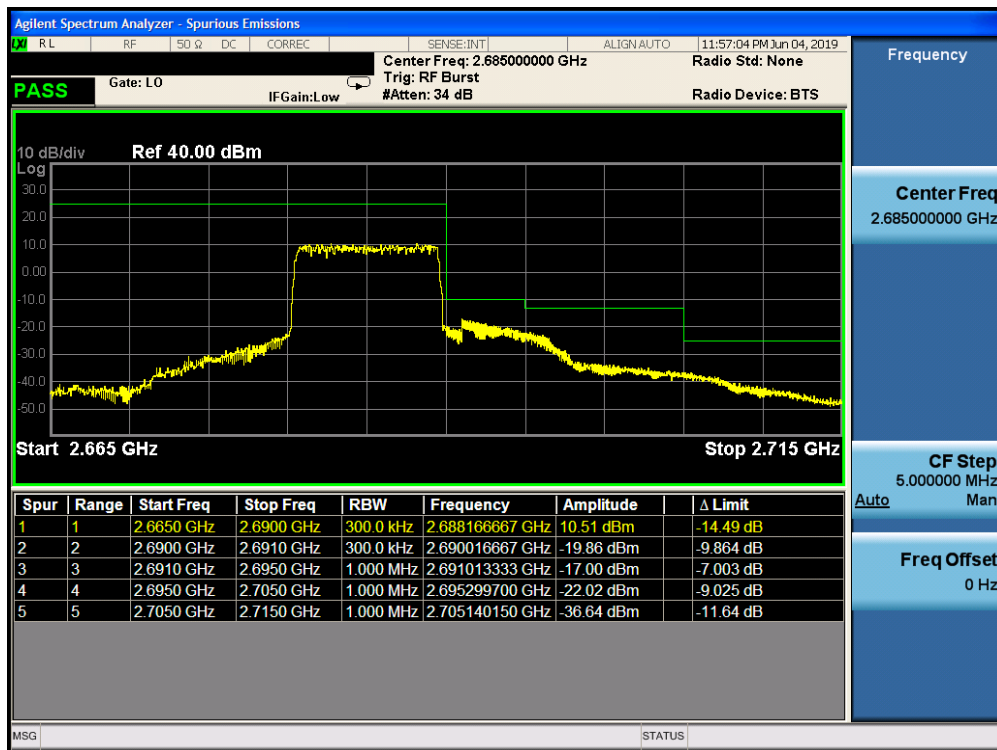


Plot 7-314. Upper ACP Plot (Band 41 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 185 of 341

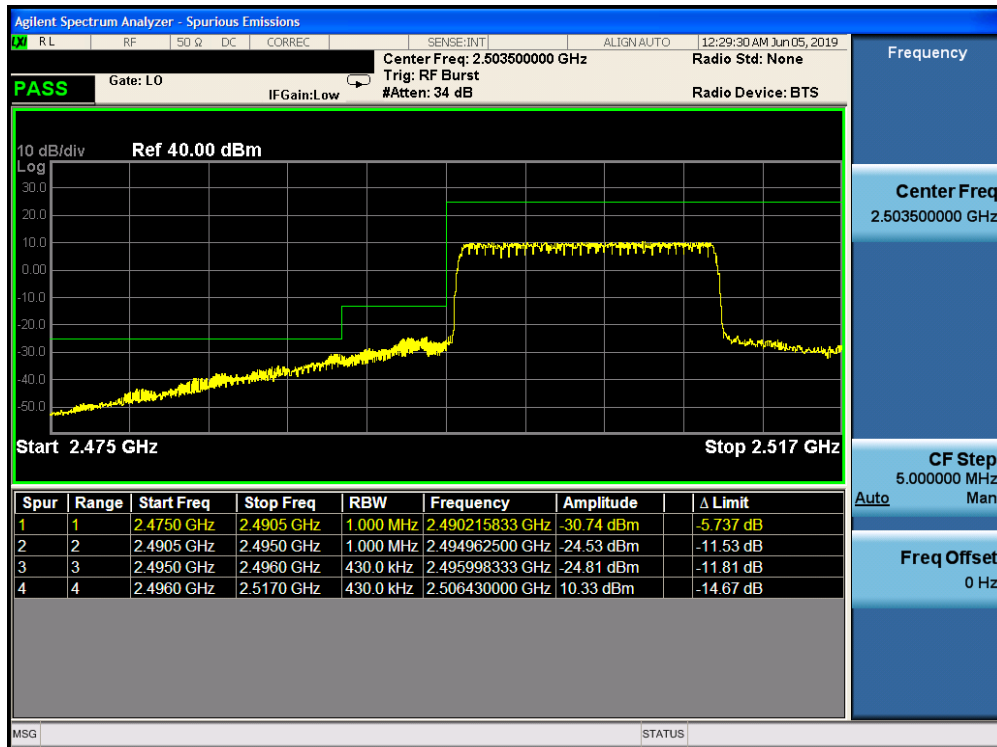


Plot 7-315. Lower ACP Plot(Band 41 - 10.0MHz QPSK - Full RB Configuration)

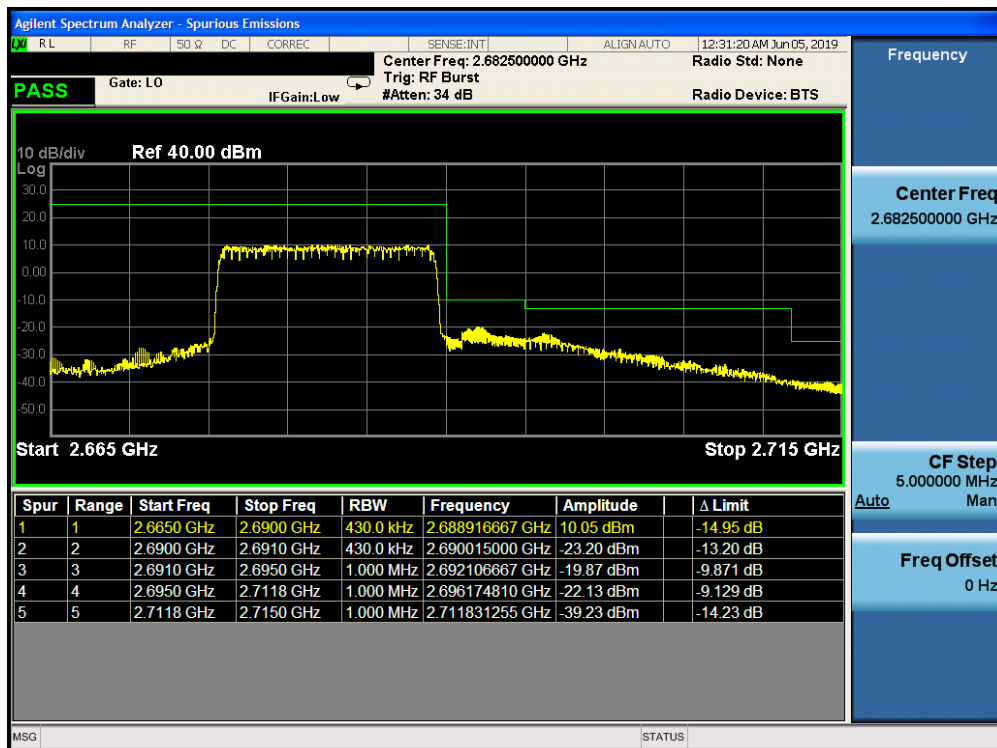


Plot 7-316. Upper ACP Plot(Band 41 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	
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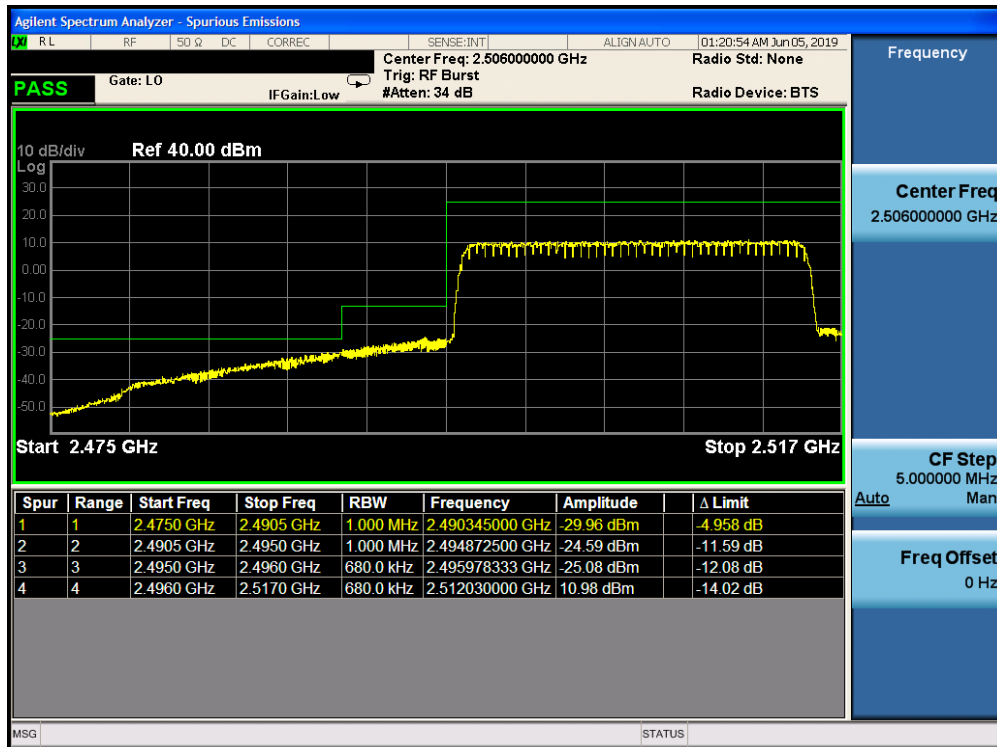


Plot 7-317. Lower ACP Plot(Band 41 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-318. Upper ACP Plot (Band 41 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 187 of 341



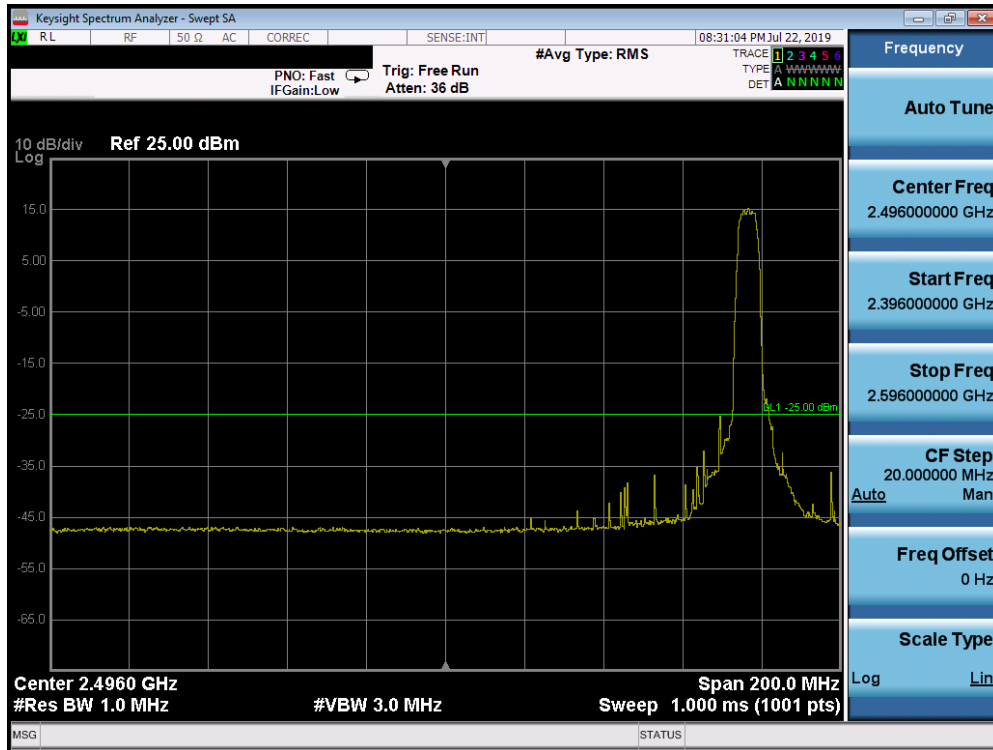
Plot 7-319. Lower ACP Plot(Band 41 - 20.0MHz QPSK - Full RB Configuration)



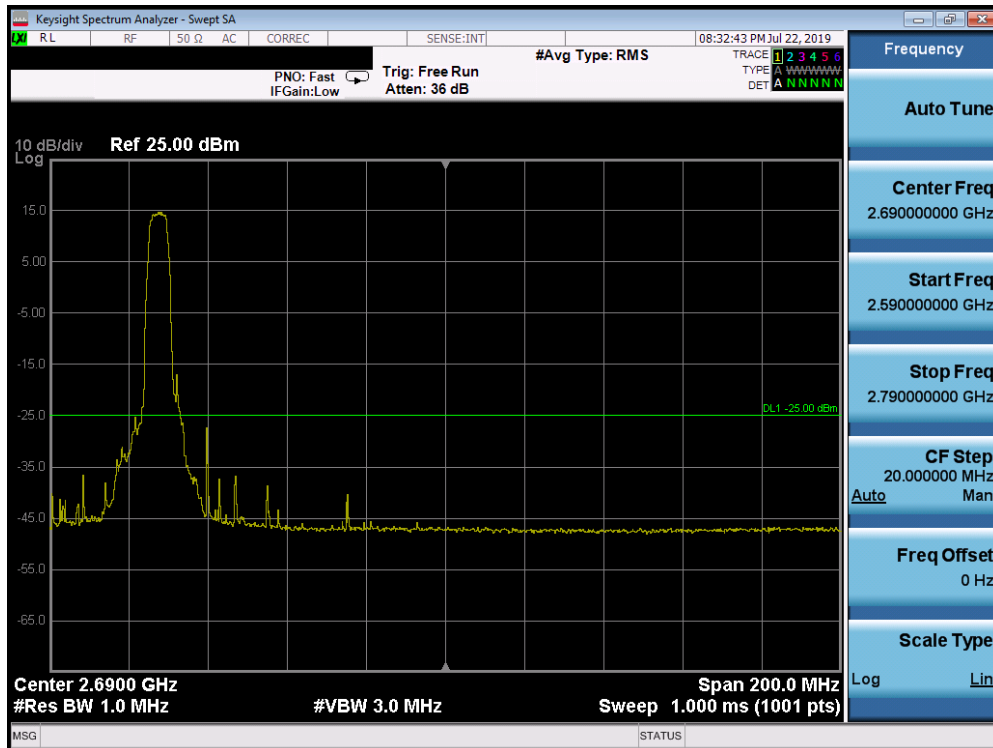
Plot 7-320. Upper ACP Plot (Band 41 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 188 of 341

Band 38

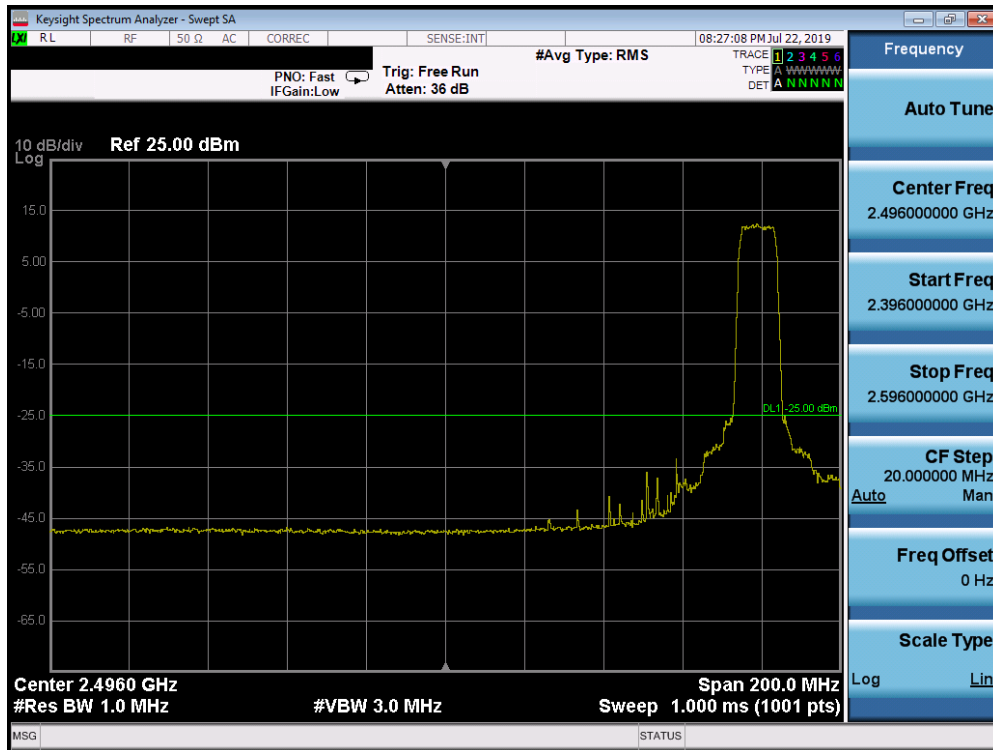


Plot 7-321. Lower Band Edge Plot (Band 38 – 5.0MHz QPSK - Full RB Configuration)

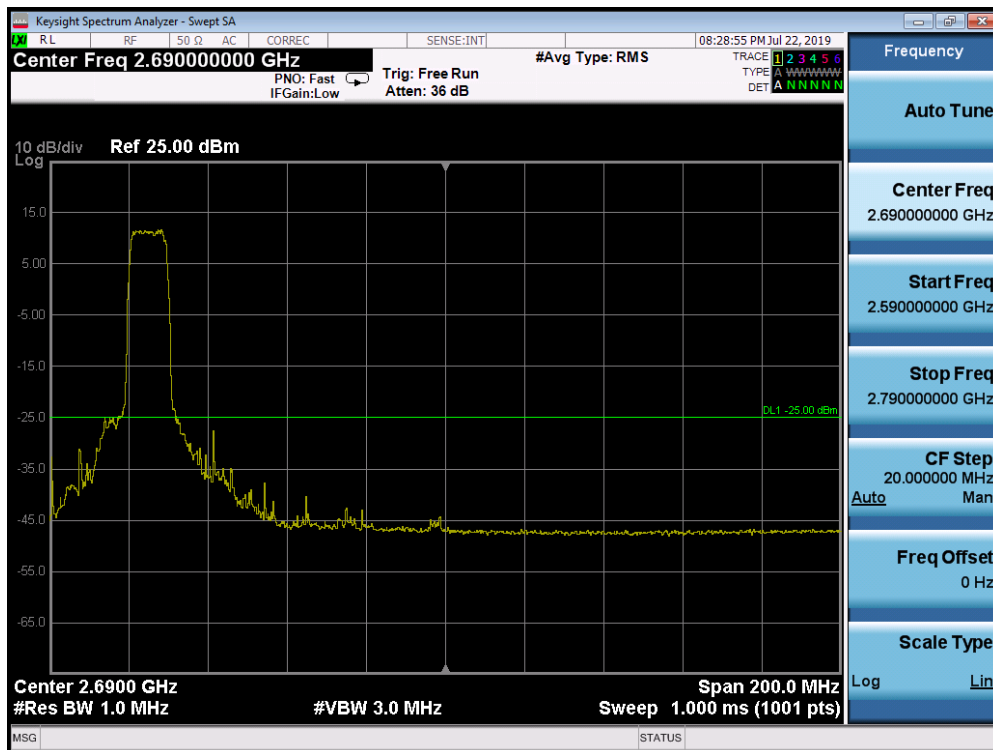


Plot 7-322. Upper Band Edge Plot (Band 38 – 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 189 of 341

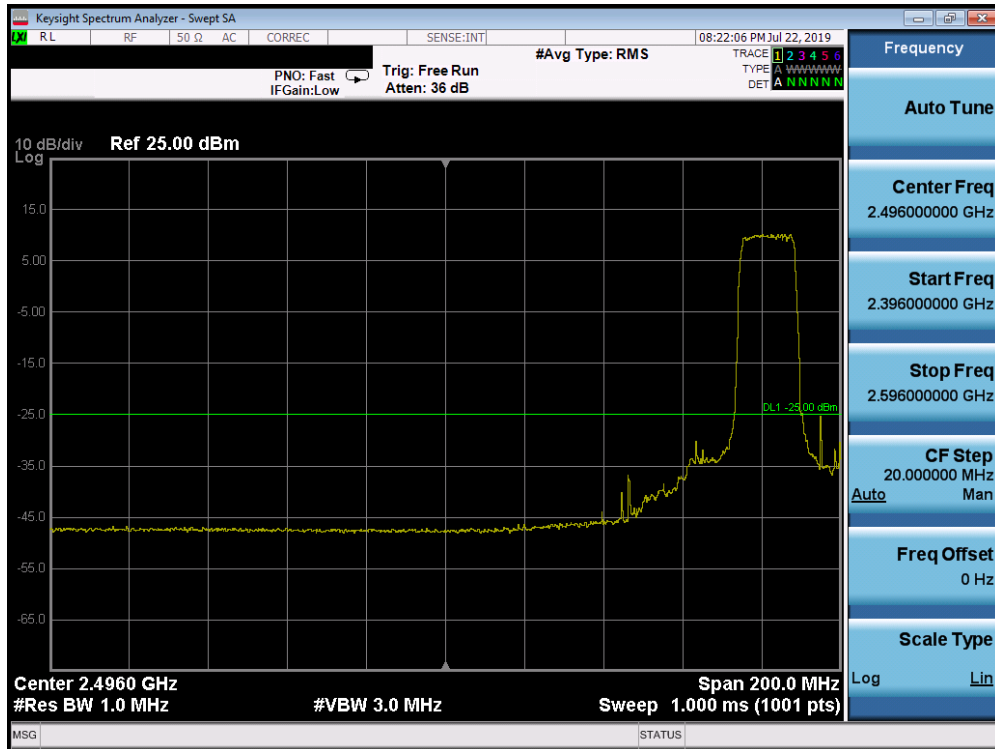


Plot 7-323. Lower Band Edge Plot (Band 38 - 10.0MHz QPSK - Full RB Configuration)

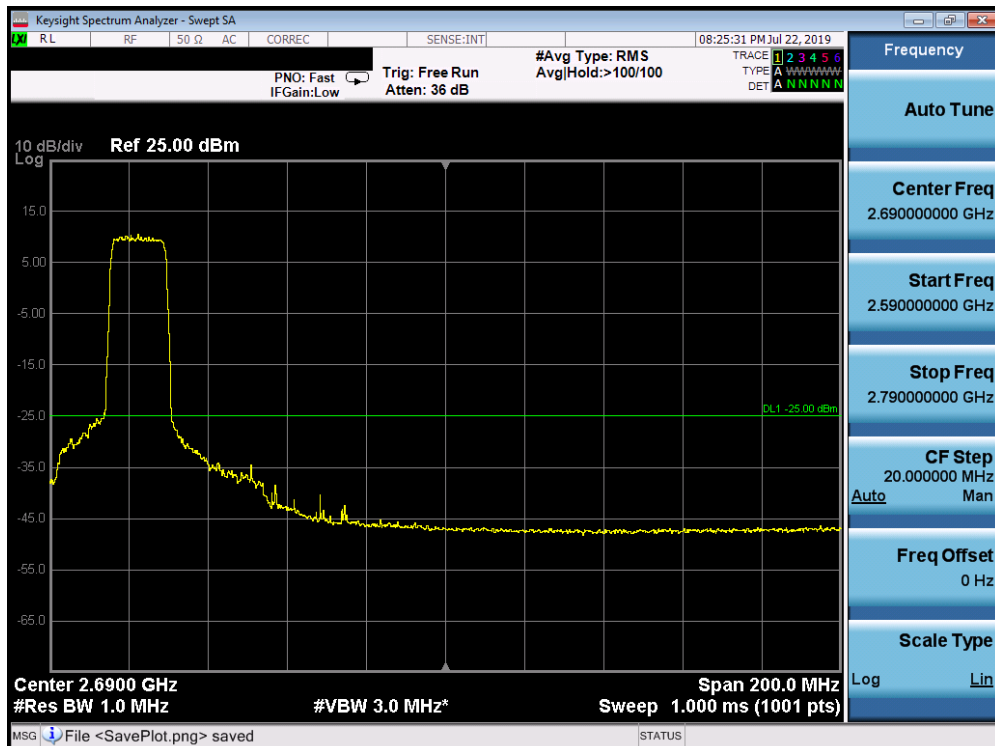


Plot 7-324. Upper Band Edge Plot (Band 38 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 190 of 341

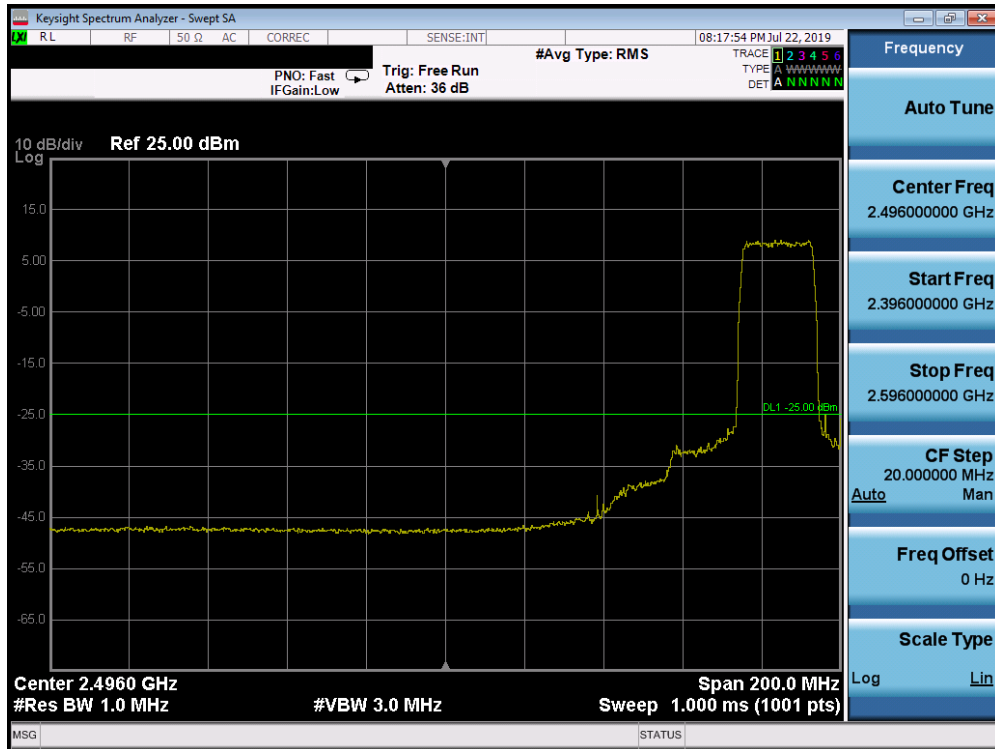


Plot 7-325. Lower Band Edge Plot (Band 38 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-326. Upper Band Edge Plot (Band 38 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 191 of 341



Plot 7-327. Lower Band Edge Plot (Band 38 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-328. Upper Band Edge Plot (Band 38 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 192 of 341

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.

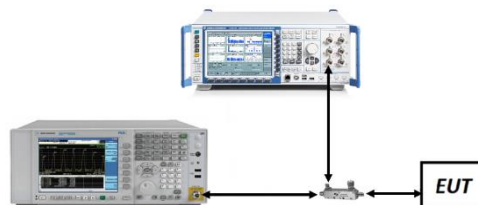


Figure 7-4. Test Instrument & Measurement Setup

Test Notes

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

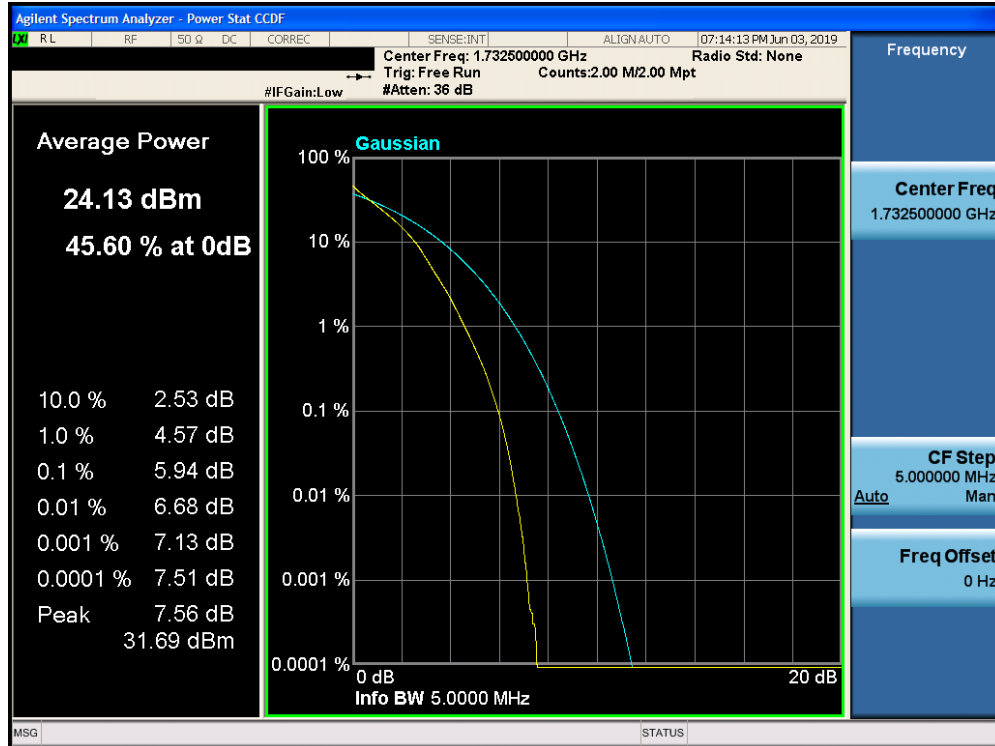
FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 193 of 341

Mode	BW (MHz)	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	Limit [dB]	Margin [dB]
LTE Band 4	1.4	QPSK	24.13	5.94	13	-7.06
LTE Band 4	1.4	16QAM	23.20	6.61	13	-6.39
LTE Band 4	1.4	64QAM	22.14	6.60	13	-6.40
LTE Band 4	3	QPSK	24.09	5.93	13	-7.07
LTE Band 4	3	16QAM	23.11	6.56	13	-6.44
LTE Band 4	3	64QAM	22.07	6.63	13	-6.37
LTE Band 4	5	QPSK	24.10	5.93	13	-7.07
LTE Band 4	5	16QAM	23.11	6.49	13	-6.51
LTE Band 4	5	64QAM	22.07	6.56	13	-6.44
LTE Band 4	10	QPSK	24.03	5.87	13	-7.13
LTE Band 4	10	16QAM	23.03	6.43	13	-6.57
LTE Band 4	10	64QAM	22.01	6.54	13	-6.46
LTE Band 4	15	QPSK	24.00	6.12	13	-6.88
LTE Band 4	15	16QAM	22.98	6.45	13	-6.55
LTE Band 4	15	64QAM	21.93	6.51	13	-6.49
LTE Band 4	20	QPSK	24.04	5.83	13	-7.17
LTE Band 4	20	16QAM	23.04	6.46	13	-6.54
LTE Band 4	20	64QAM	22.04	6.54	13	-6.46
LTE Band 66	1.4	QPSK	24.00	6.10	13	-6.90
LTE Band 66	1.4	16QAM	23.11	6.73	13	-6.27
LTE Band 66	1.4	64QAM	22.04	6.78	13	-6.22
LTE Band 66	3	QPSK	24.08	6.05	13	-6.95
LTE Band 66	3	16QAM	23.10	6.72	13	-6.28
LTE Band 66	3	64QAM	22.05	6.72	13	-6.28
LTE Band 66	5	QPSK	23.98	6.02	13	-6.98
LTE Band 66	5	16QAM	23.00	6.59	13	-6.41
LTE Band 66	5	64QAM	21.94	6.67	13	-6.33
LTE Band 66	10	QPSK	23.95	5.92	13	-7.08
LTE Band 66	10	16QAM	22.87	6.51	13	-6.49
LTE Band 66	10	64QAM	21.89	6.63	13	-6.37
LTE Band 66	15	QPSK	23.94	6.16	13	-6.84
LTE Band 66	15	16QAM	22.91	6.49	13	-6.51
LTE Band 66	15	64QAM	21.89	6.54	13	-6.46
LTE Band 66	20	QPSK	23.95	5.76	13	-7.24
LTE Band 66	20	16QAM	22.92	6.44	13	-6.56
LTE Band 66	20	64QAM	21.91	6.59	13	-6.41
LTE Band 2	1.4	QPSK	23.93	5.82	13	-7.18
LTE Band 2	1.4	16QAM	23.06	6.52	13	-6.48
LTE Band 2	1.4	64QAM	21.99	6.59	13	-6.41
LTE Band 2	3	QPSK	23.91	5.79	13	-7.21
LTE Band 2	3	16QAM	22.94	6.50	13	-6.50
LTE Band 2	3	64QAM	21.97	6.60	13	-6.40
LTE Band 2	5	QPSK	23.91	5.82	13	-7.18
LTE Band 2	5	16QAM	22.92	6.44	13	-6.56
LTE Band 2	5	64QAM	21.95	6.59	13	-6.41
LTE Band 2	10	QPSK	23.98	5.84	13	-7.16
LTE Band 2	10	16QAM	22.98	6.49	13	-6.51
LTE Band 2	10	64QAM	21.99	6.64	13	-6.36
LTE Band 2	15	QPSK	24.02	6.10	13	-6.90
LTE Band 2	15	16QAM	23.02	6.55	13	-6.45
LTE Band 2	15	64QAM	22.03	6.65	13	-6.35
LTE Band 2	20	QPSK	24.07	5.78	13	-7.22
LTE Band 2	20	16QAM	23.06	6.46	13	-6.54
LTE Band 2	20	64QAM	22.08	6.65	13	-6.35
LTE Band 25	1.4	QPSK	24.01	5.79	13	-7.21
LTE Band 25	1.4	16QAM	23.08	6.50	13	-6.50
LTE Band 25	1.4	64QAM	22.05	6.65	13	-6.35
LTE Band 25	3	QPSK	23.97	5.80	13	-7.20
LTE Band 25	3	16QAM	23.01	6.54	13	-6.46
LTE Band 25	3	64QAM	22.00	6.64	13	-6.36
LTE Band 25	5	QPSK	23.99	5.81	13	-7.19
LTE Band 25	5	16QAM	23.02	6.44	13	-6.56
LTE Band 25	5	64QAM	22.02	6.62	13	-6.38
LTE Band 25	10	QPSK	23.95	5.83	13	-7.17
LTE Band 25	10	16QAM	22.99	6.48	13	-6.52
LTE Band 25	10	64QAM	21.97	6.64	13	-6.36
LTE Band 25	15	QPSK	23.98	6.12	13	-6.88
LTE Band 25	15	16QAM	23.02	6.52	13	-6.48
LTE Band 25	15	64QAM	21.99	6.65	13	-6.35
LTE Band 25	20	QPSK	24.04	5.79	13	-7.21
LTE Band 25	20	16QAM	23.07	6.45	13	-6.55
LTE Band 25	20	64QAM	22.05	6.66	13	-6.34

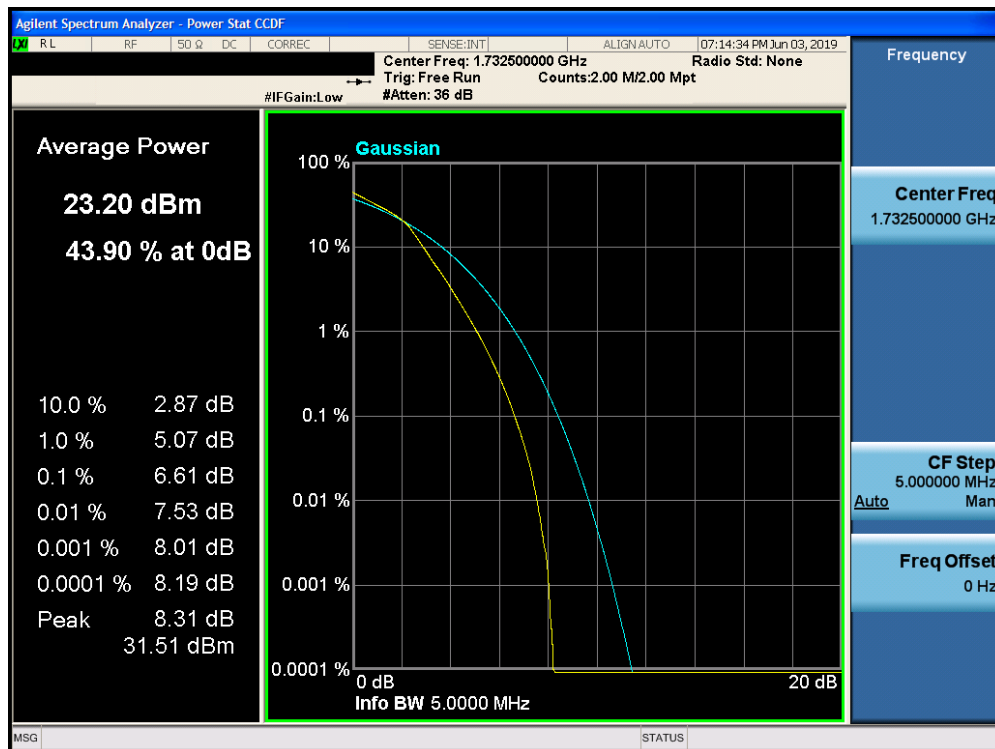
Table 7-6. PAR Table

FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 194 of 341

Band 4

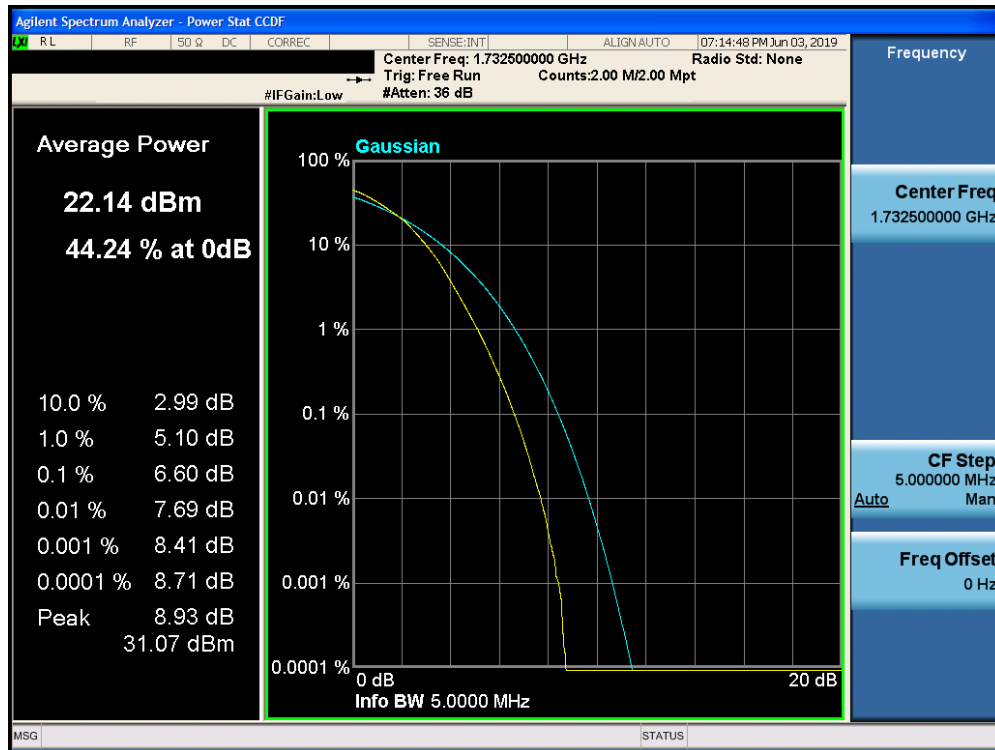


Plot 7-329. PAR Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

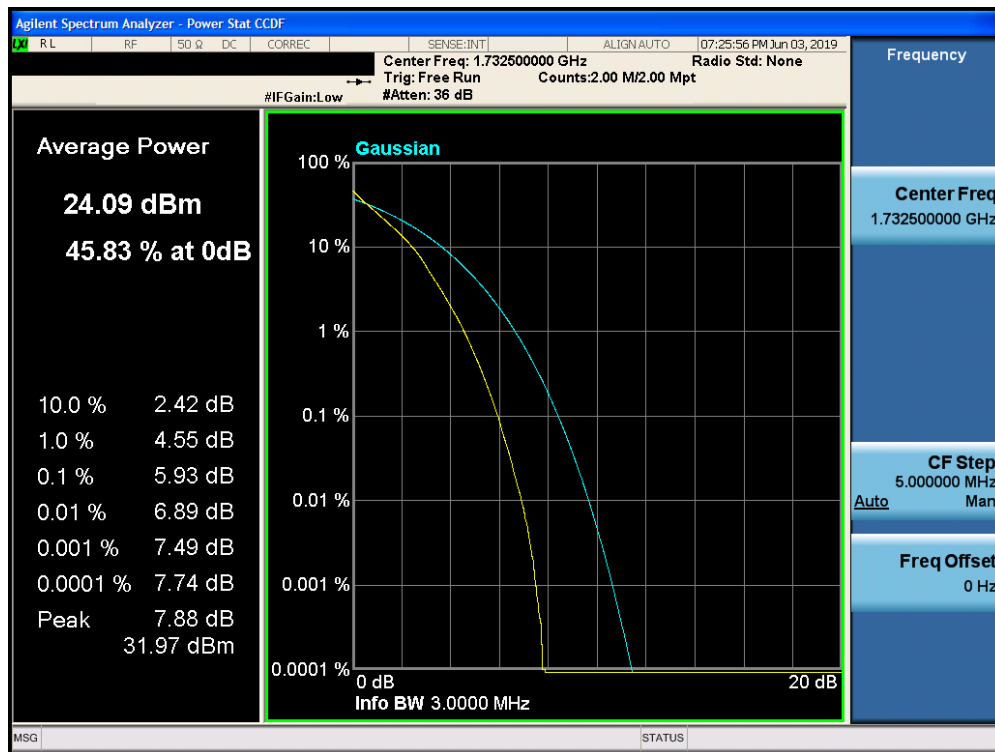


Plot 7-330. PAR Plot (Band 4 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 195 of 341

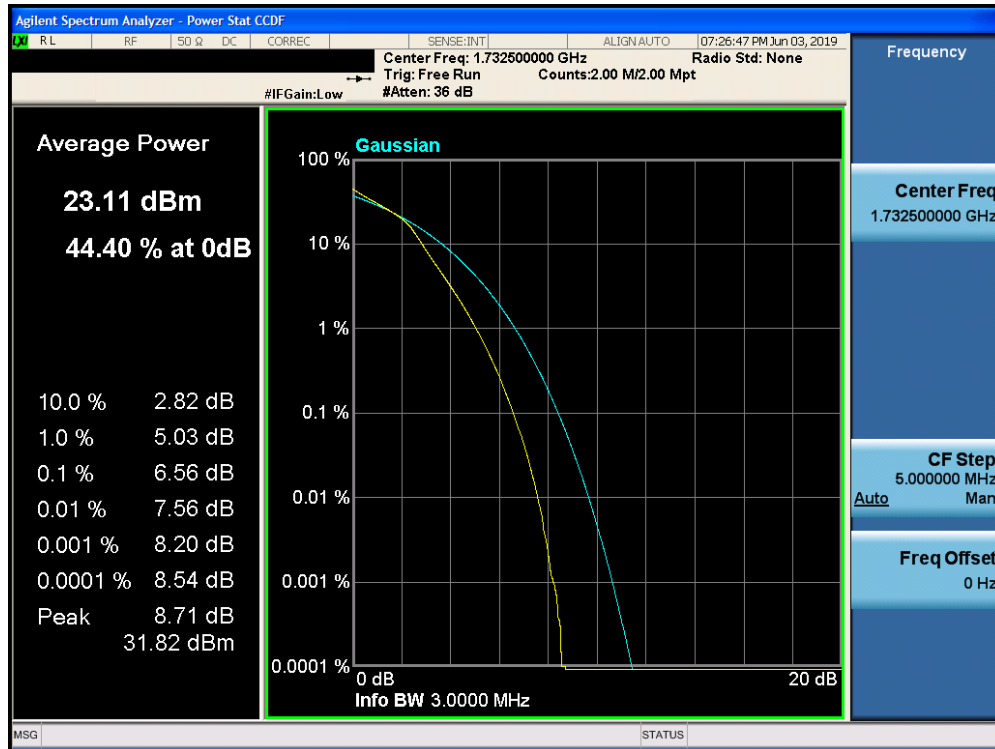


Plot 7-331. PAR Plot (Band 4 - 1.4MHz 64-QAM - Full RB Configuration)

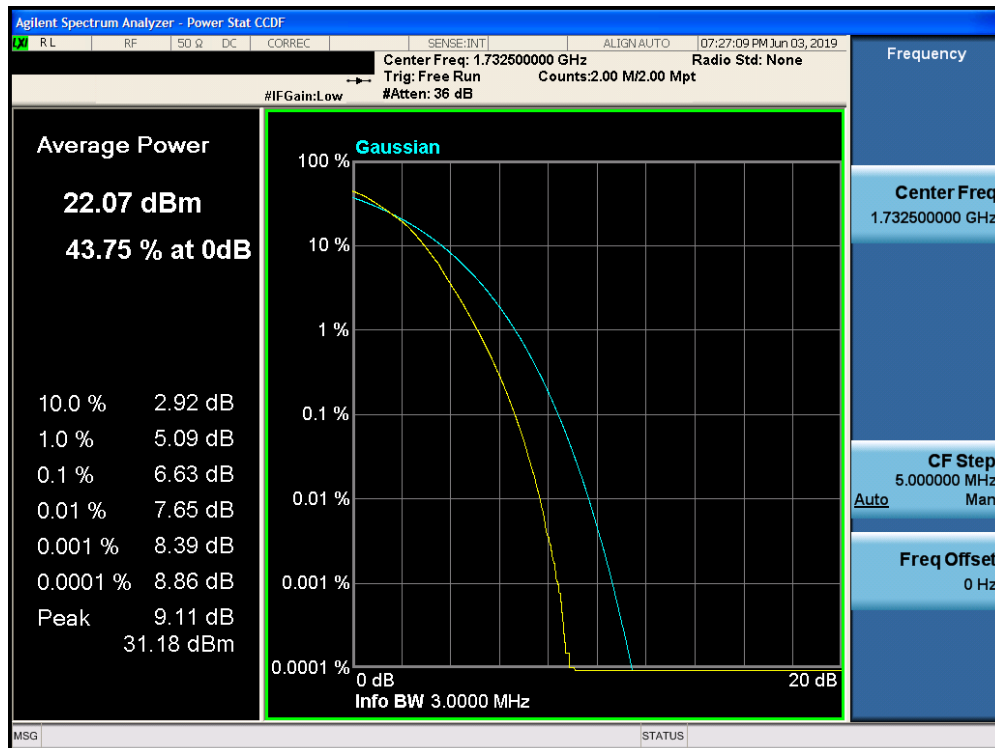


Plot 7-332. PAR Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 196 of 341

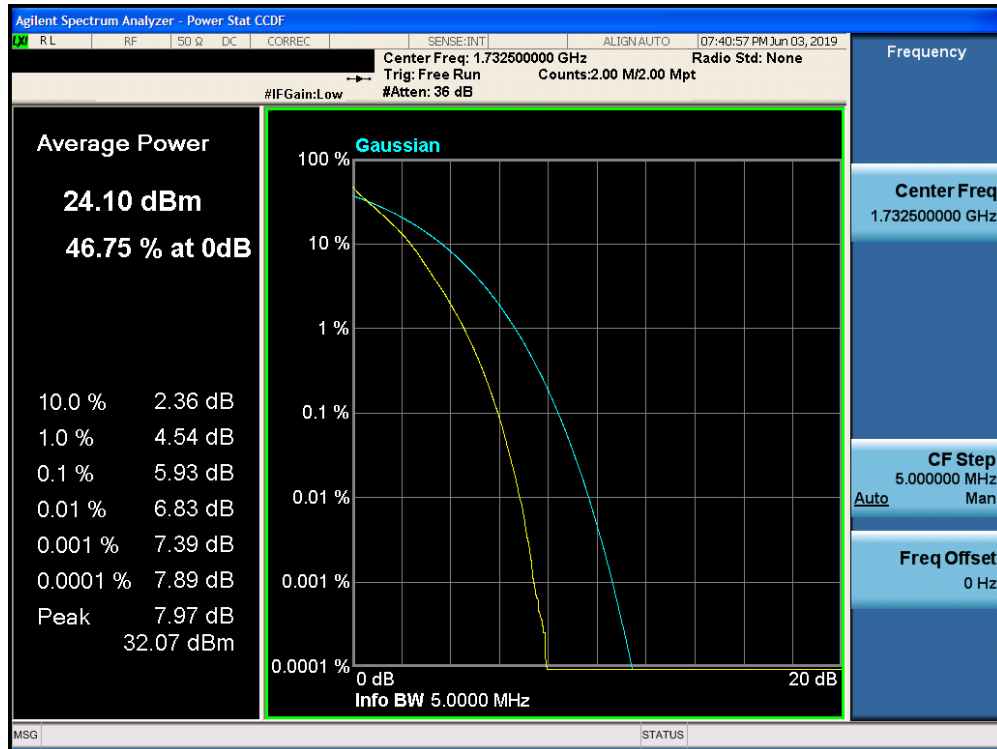


Plot 7-333. PAR Plot (Band 4 - 3.0MHz 16-QAM - Full RB Configuration)

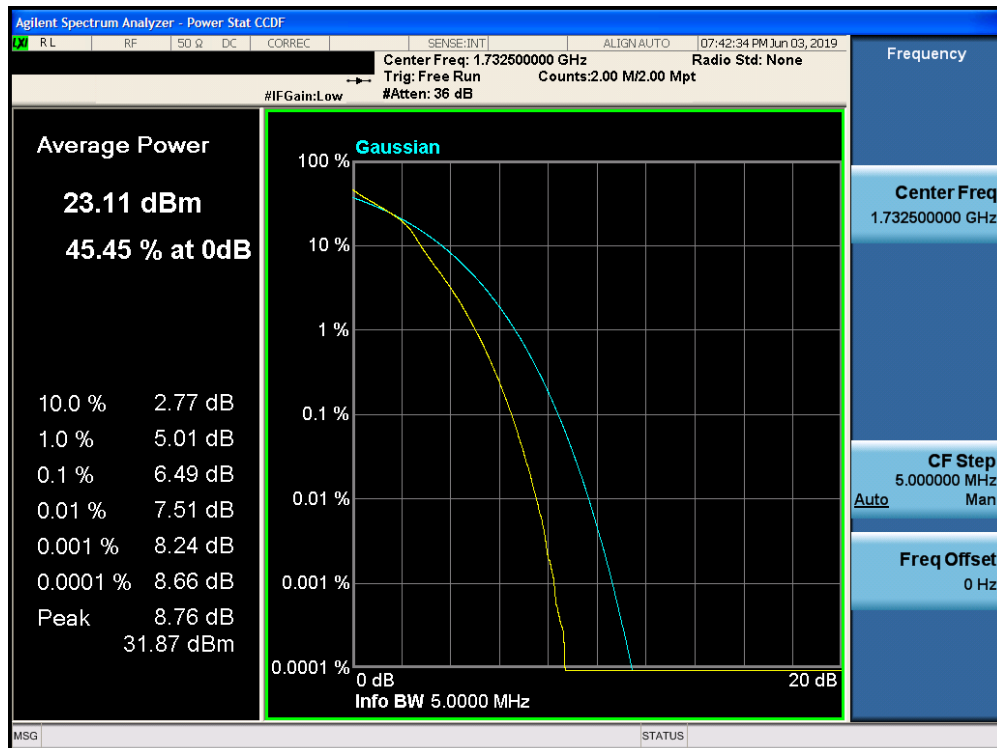


Plot 7-334. PAR Plot (Band 4 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 197 of 341

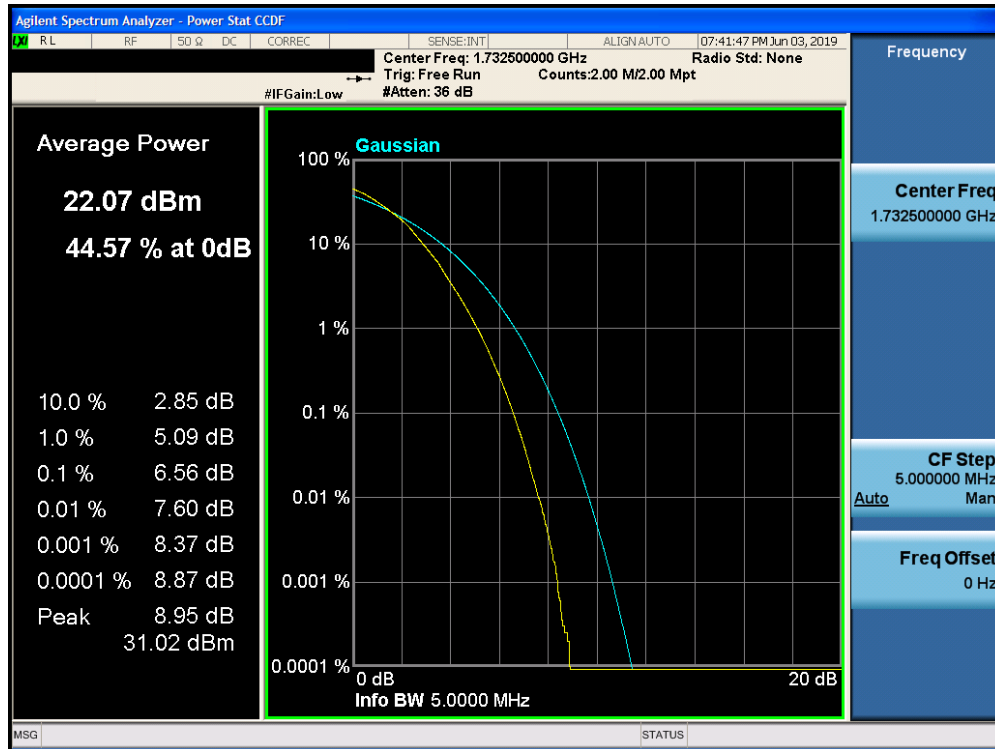


Plot 7-335. PAR Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

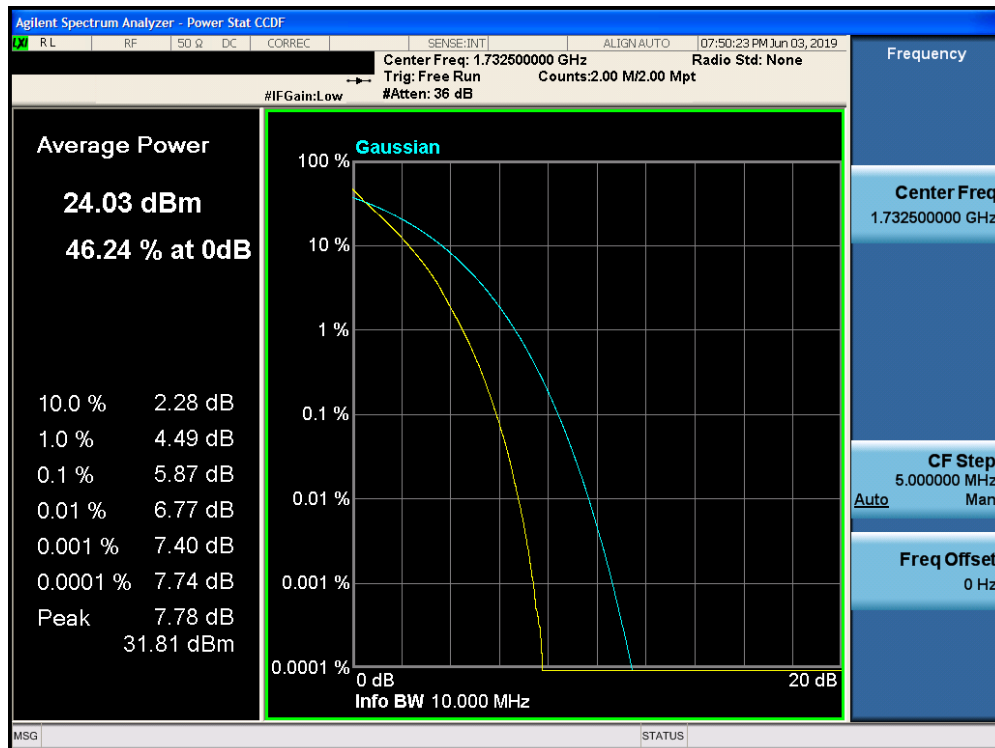


Plot 7-336. PAR Plot (Band 4 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 198 of 341

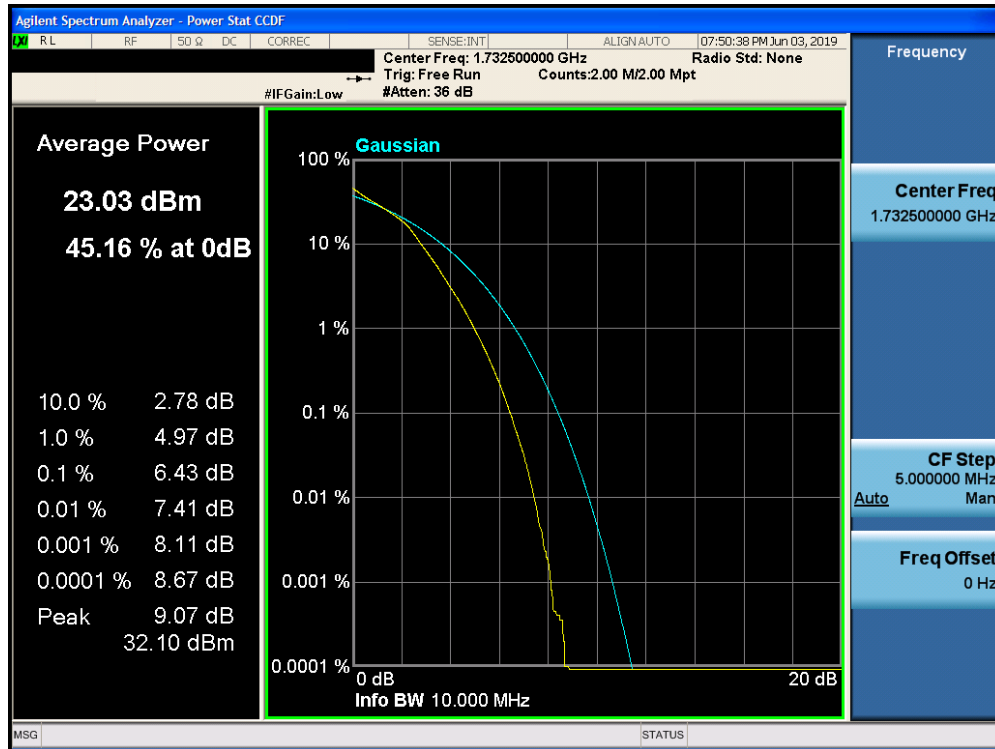


Plot 7-337. PAR Plot (Band 4 - 5.0MHz 64-QAM - Full RB Configuration)

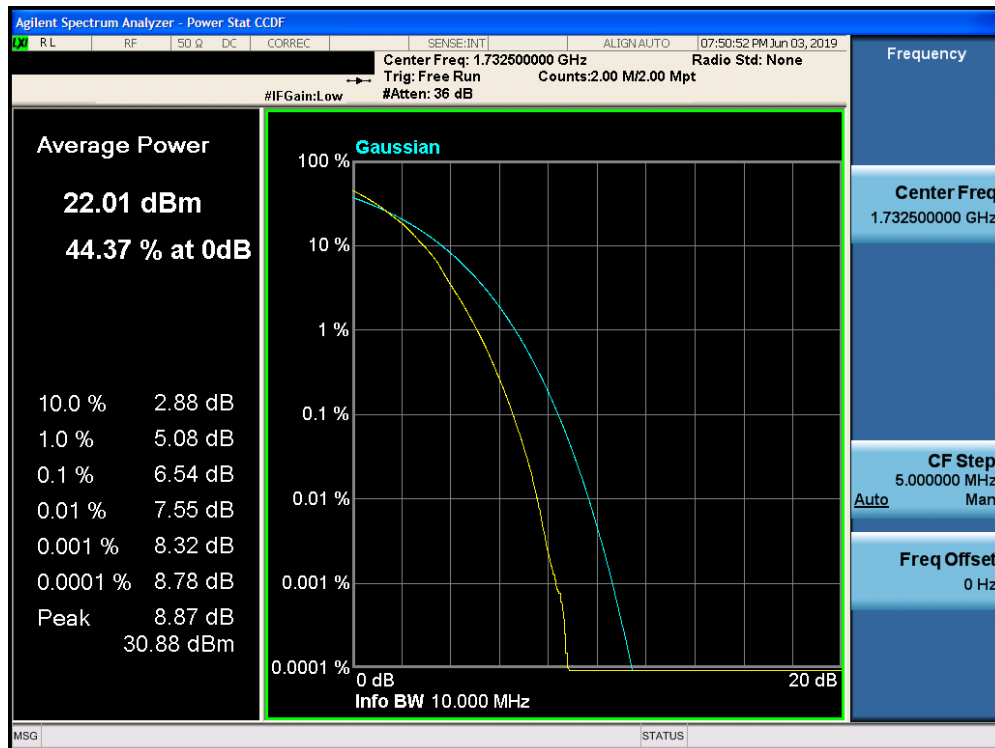


Plot 7-338. PAR Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 199 of 341

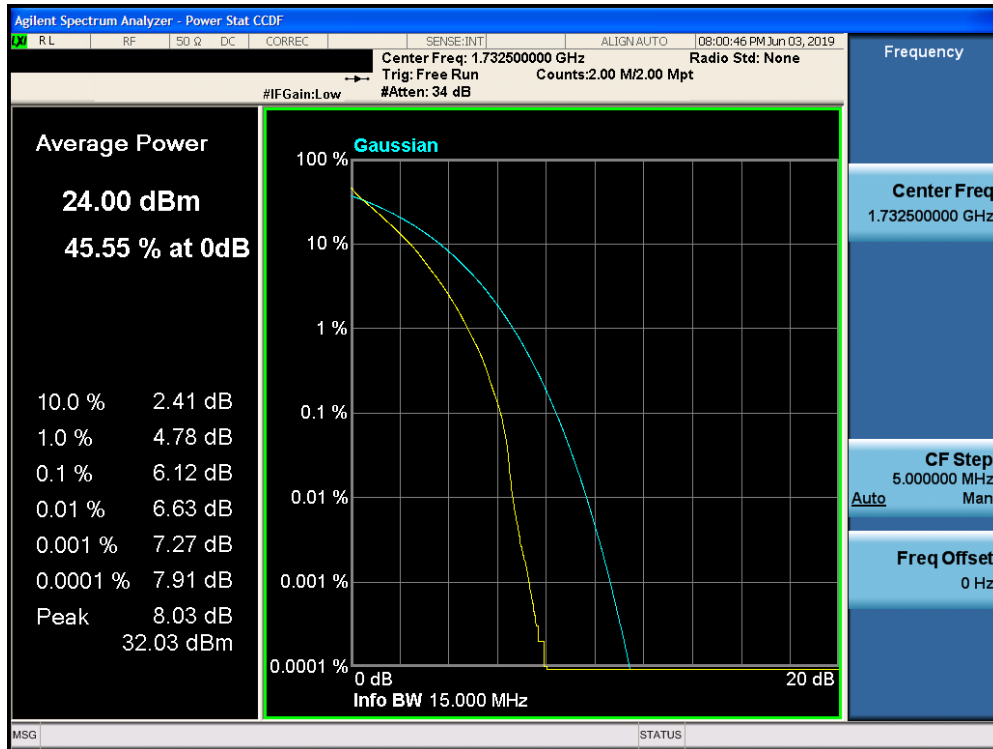


Plot 7-339. PAR Plot (Band 4 - 10.0MHz 16-QAM - Full RB Configuration)

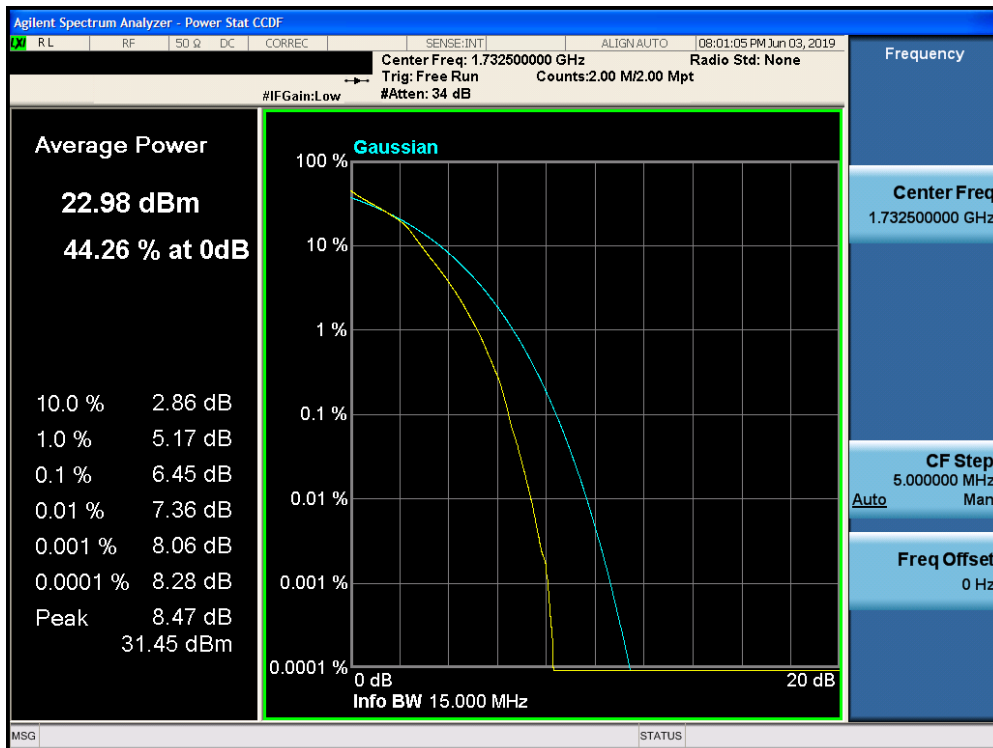


Plot 7-340. PAR Plot (Band 4 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 200 of 341

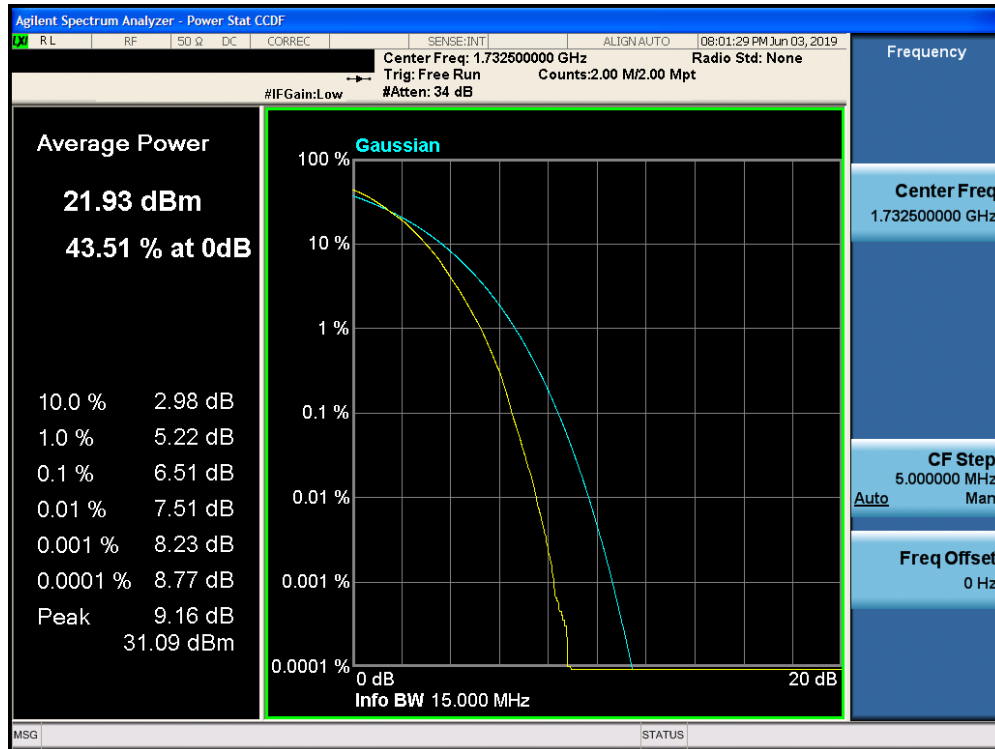


Plot 7-341. PAR Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

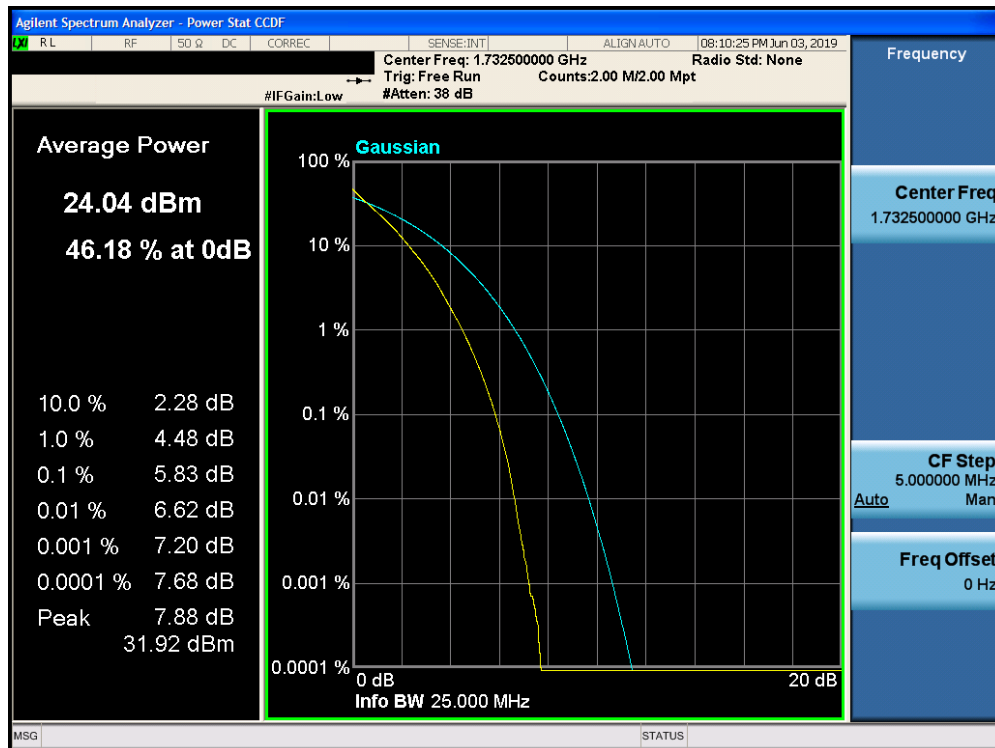


Plot 7-342. PAR Plot (Band 4 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 201 of 341

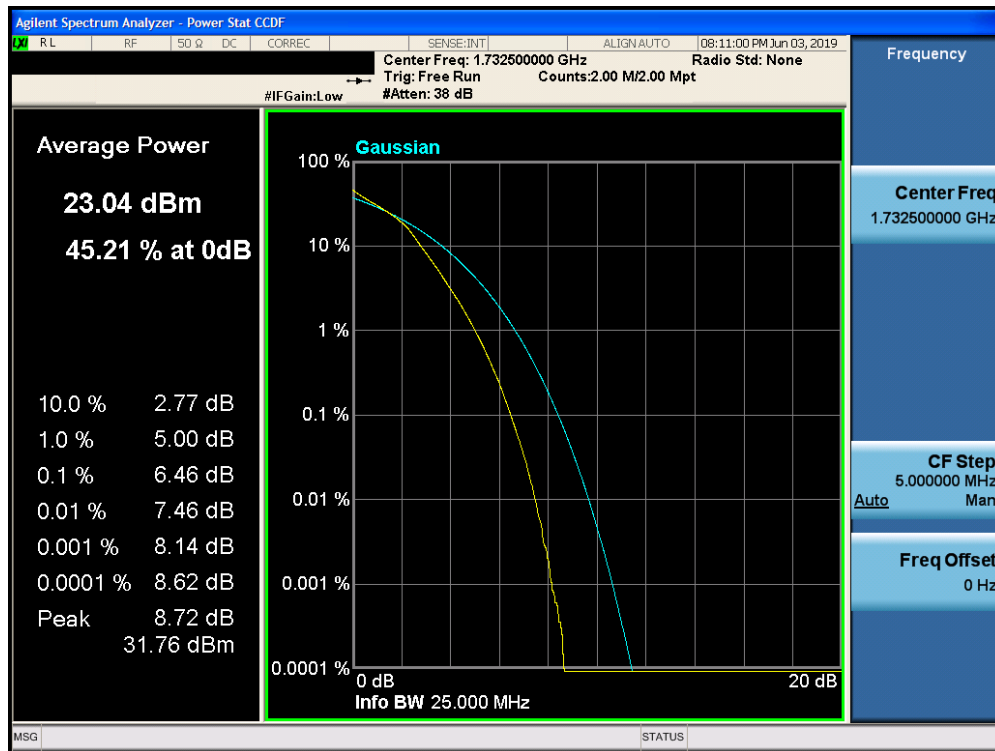


Plot 7-343. PAR Plot (Band 4 - 15.0MHz 64-QAM - Full RB Configuration)

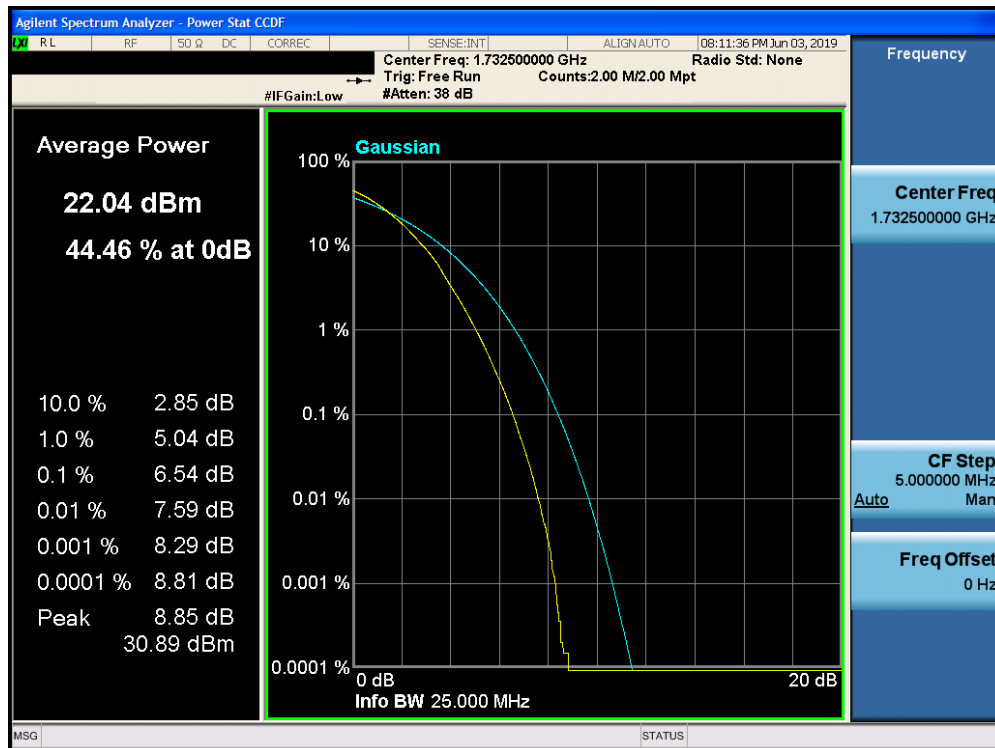


Plot 7-344. PAR Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 202 of 341



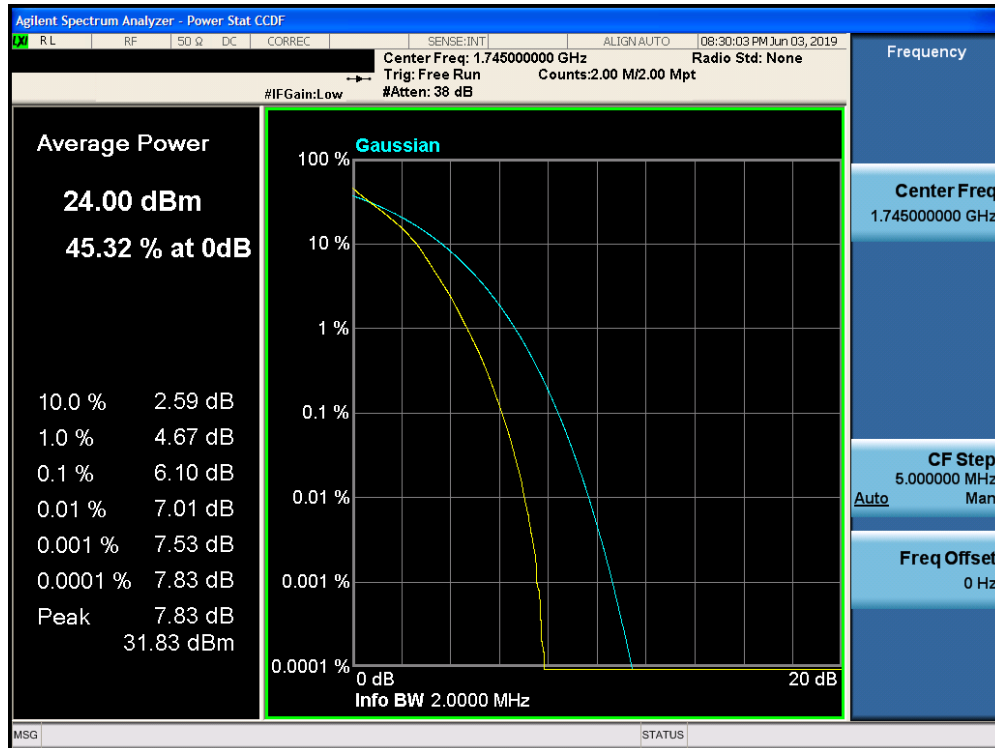
Plot 7-345. PAR Plot (Band 4 - 20.0MHz 16-QAM - Full RB Configuration)



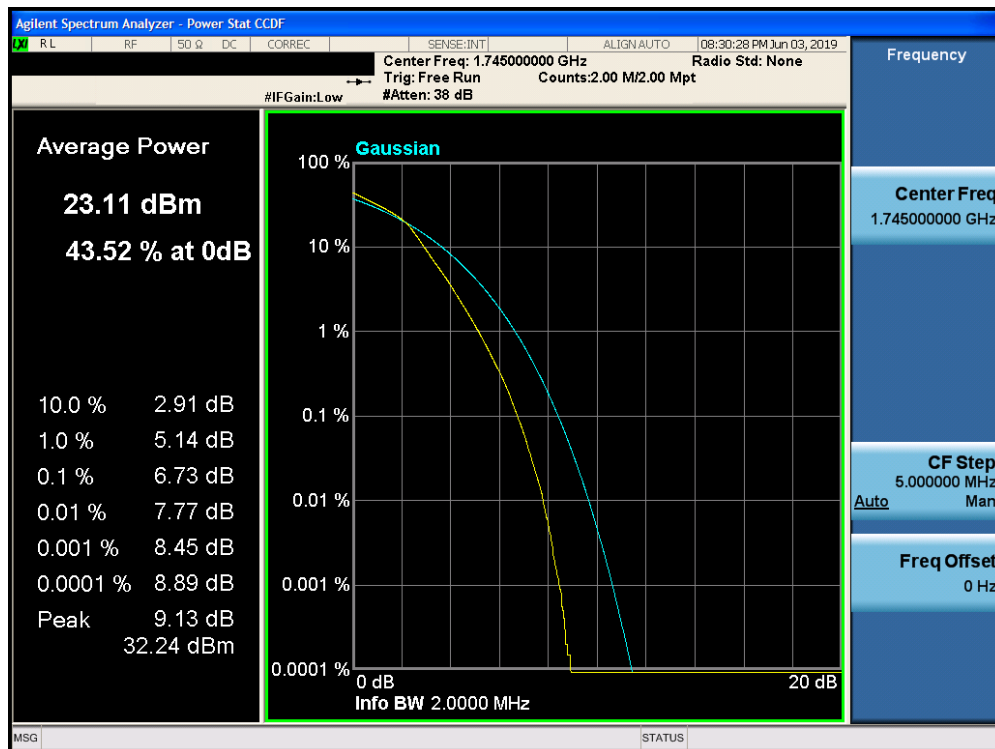
Plot 7-346. PAR Plot (Band 4 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 203 of 341

Band 66

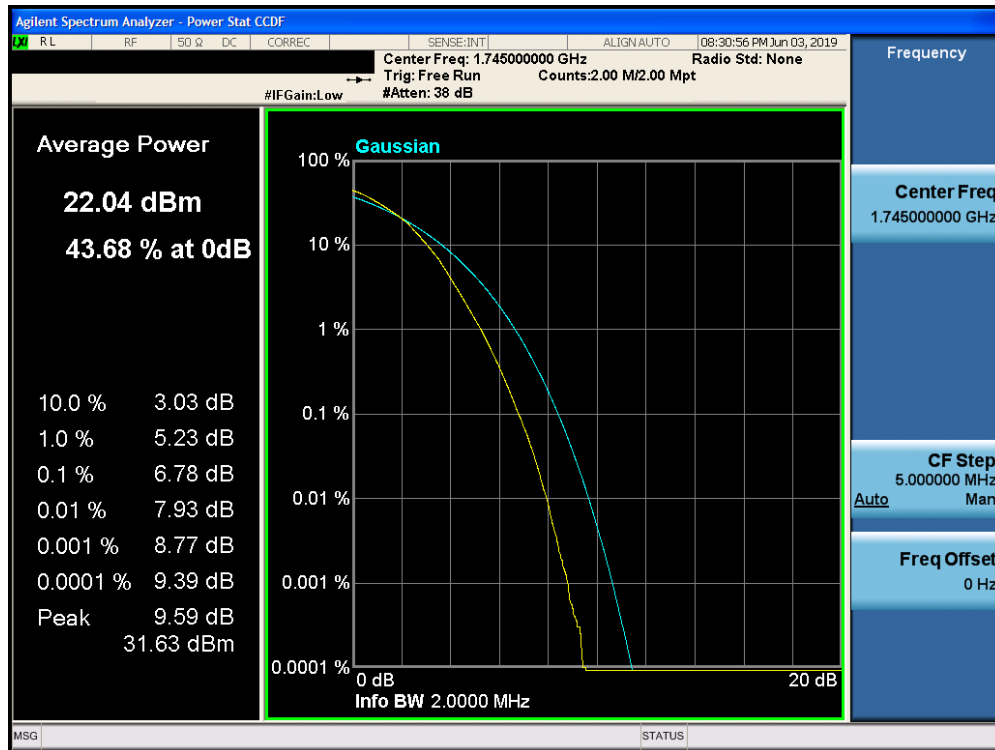


Plot 7-347. PAR Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

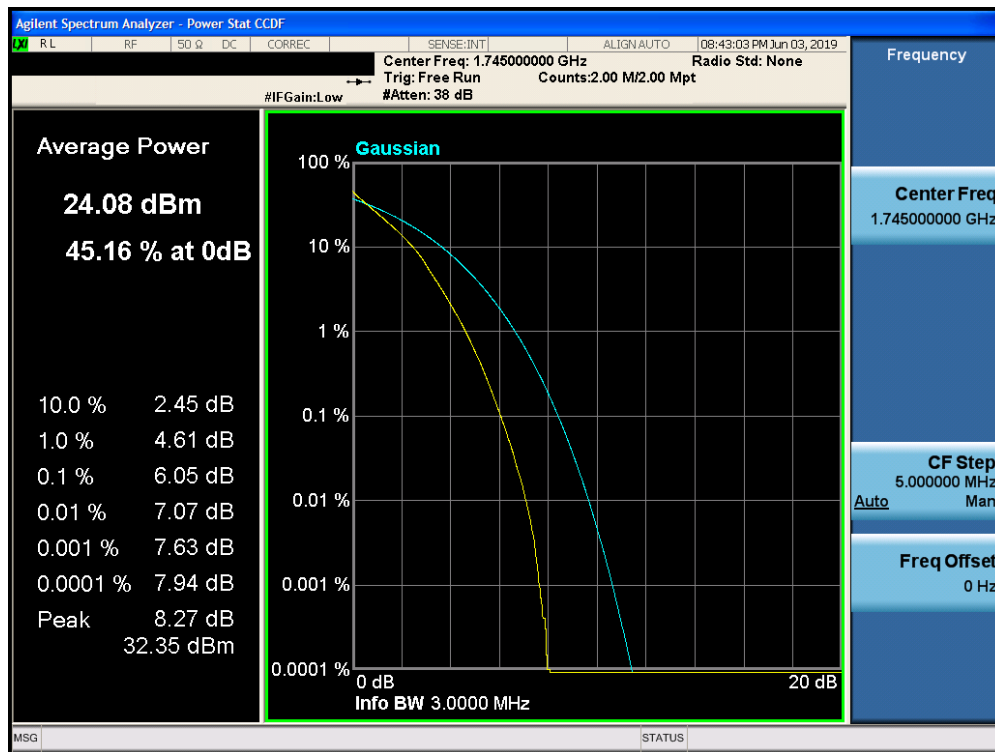


Plot 7-348. PAR Plot (Band 66 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 204 of 341

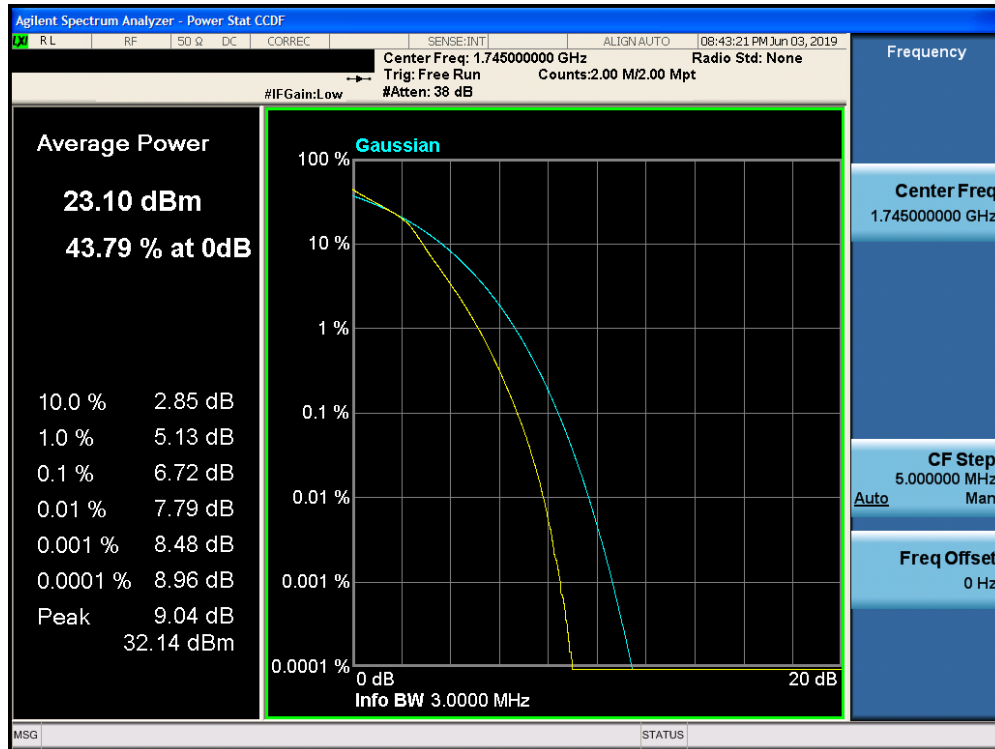


Plot 7-349. PAR Plot (Band 66 - 1.4MHz 64-QAM - Full RB Configuration)

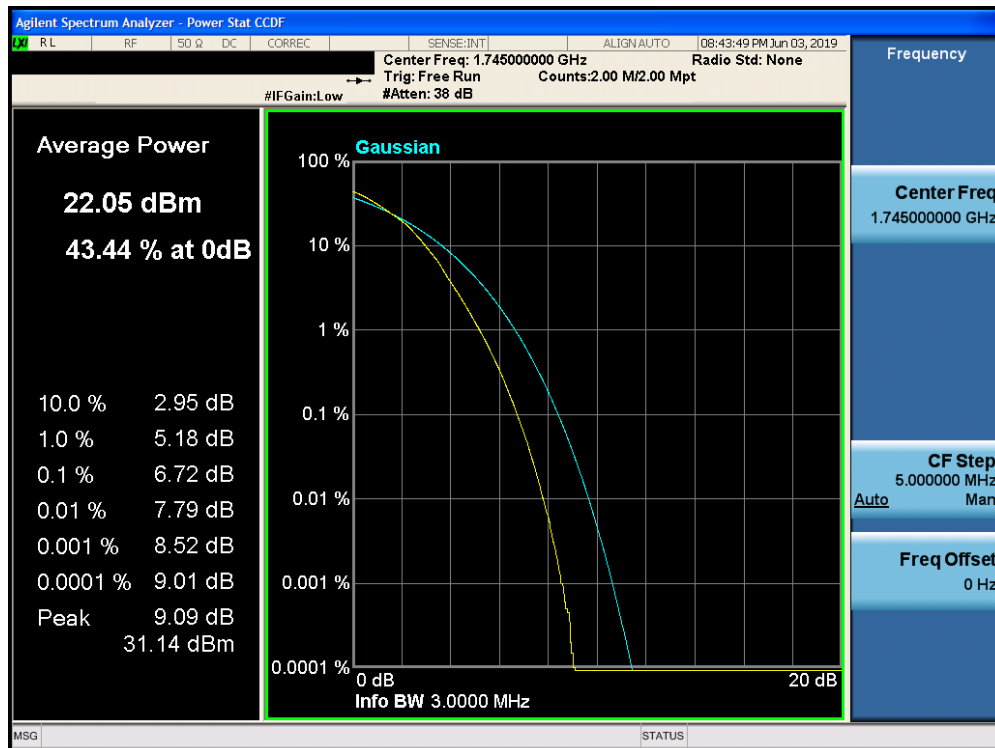


Plot 7-350. PAR Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 205 of 341

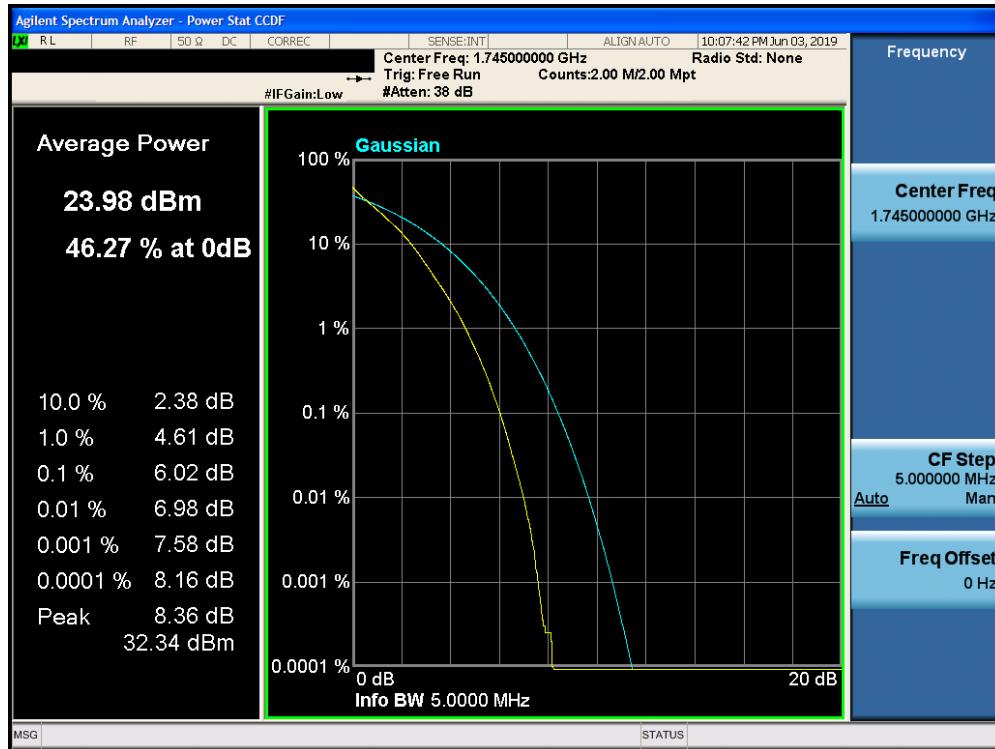


Plot 7-351. PAR Plot (Band 66 - 3.0MHz 16-QAM - Full RB Configuration)

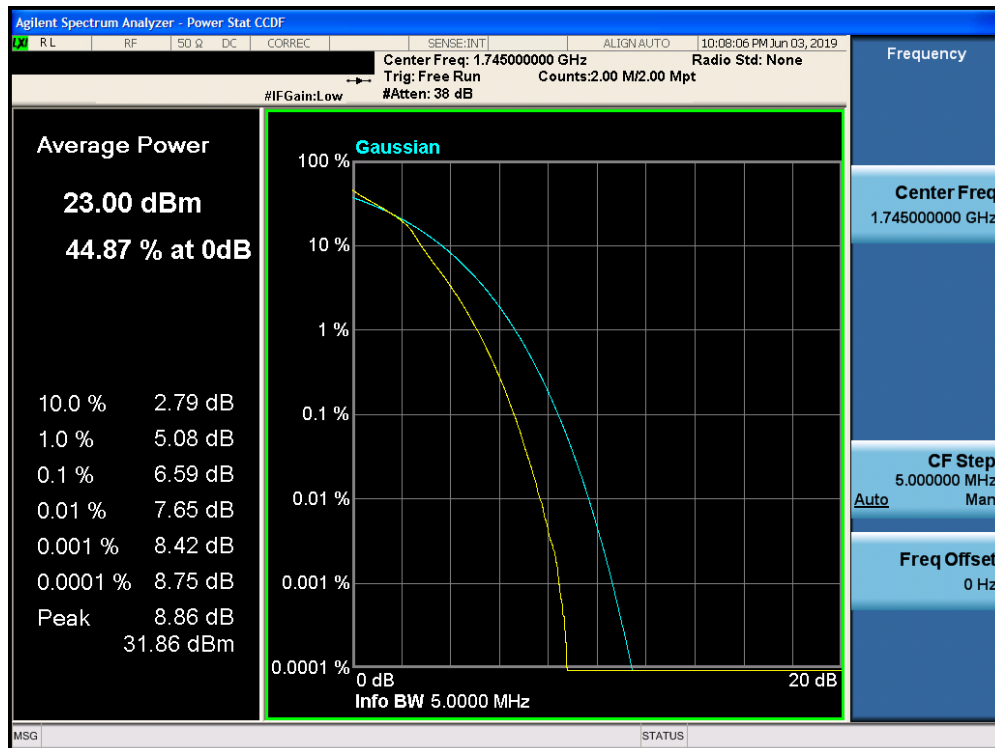


Plot 7-352. PAR Plot (Band 66 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 206 of 341

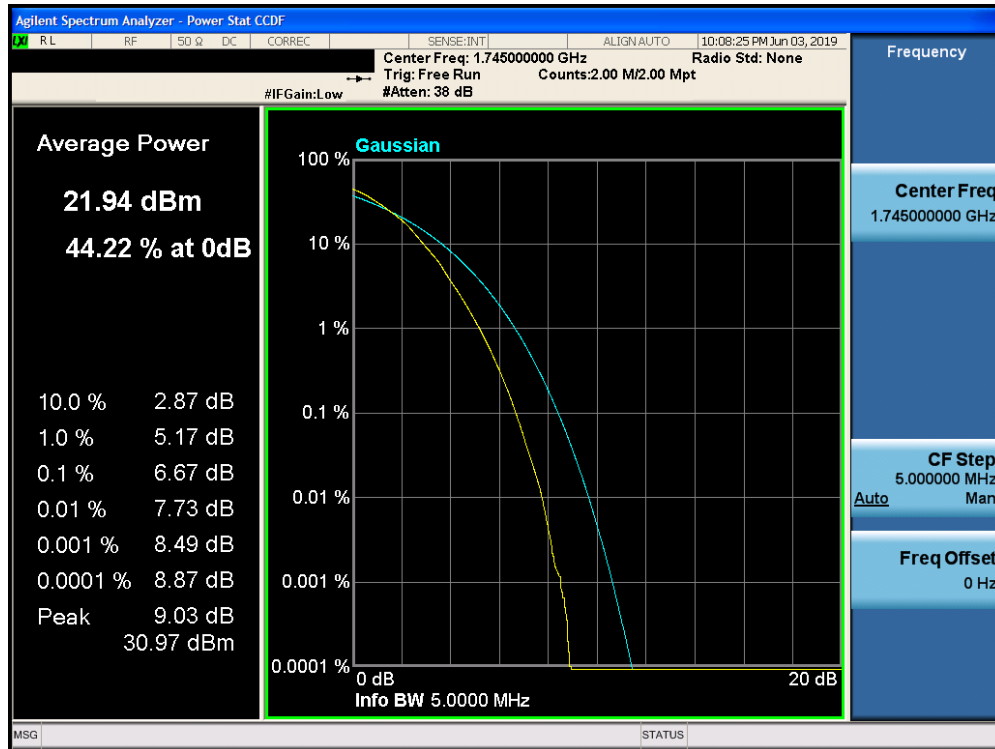


Plot 7-353. PAR Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

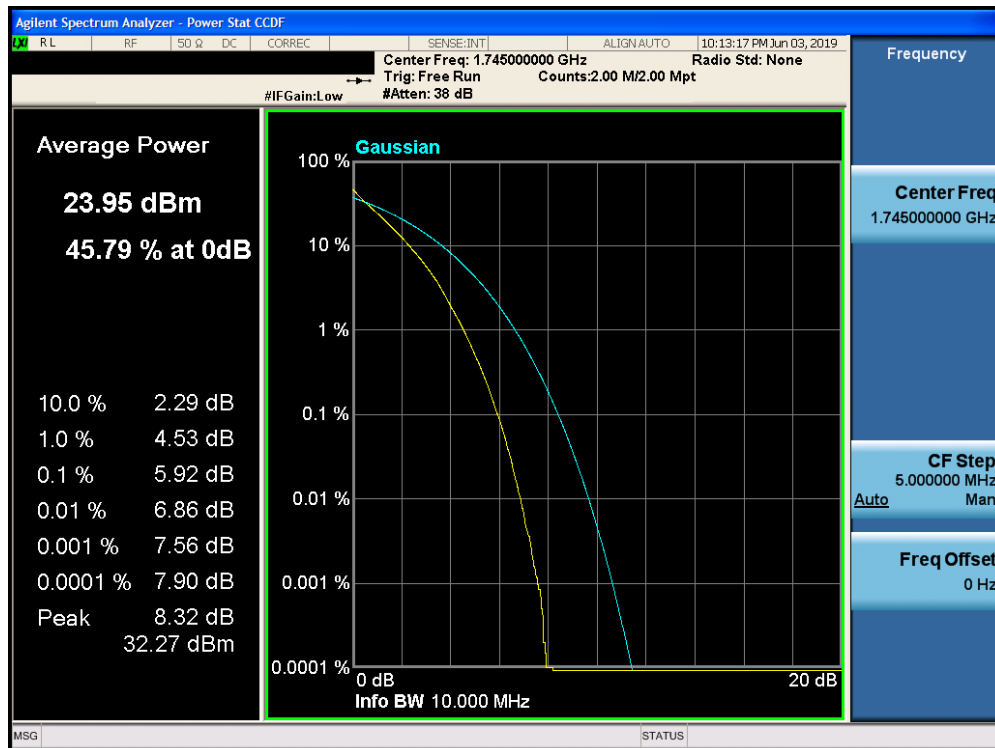


Plot 7-354. PAR Plot (Band 66 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 207 of 341

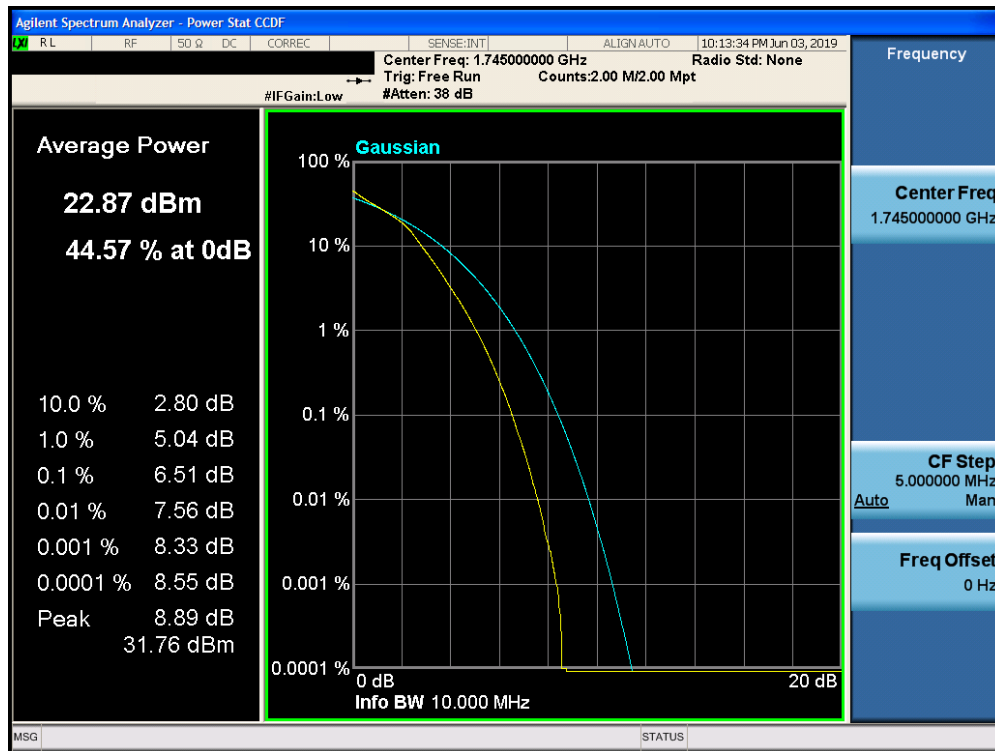


Plot 7-355. PAR Plot (Band 66 - 5.0MHz 64-QAM - Full RB Configuration)

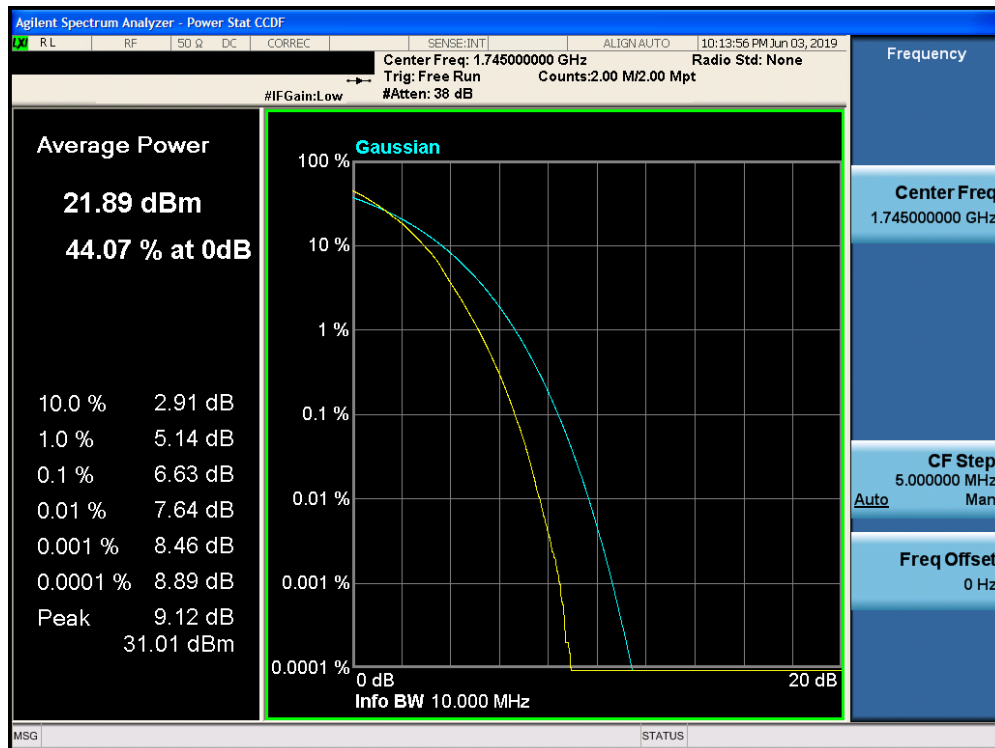


Plot 7-356. PAR Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 208 of 341

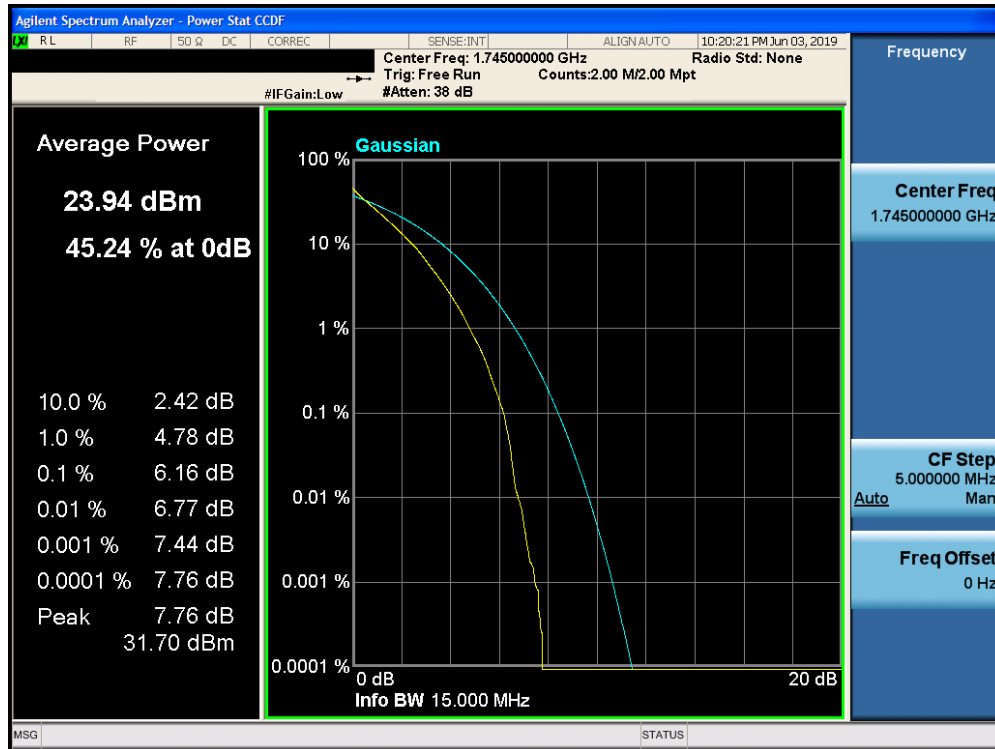


Plot 7-357. PAR Plot (Band 66 - 10.0MHz 16-QAM - Full RB Configuration)

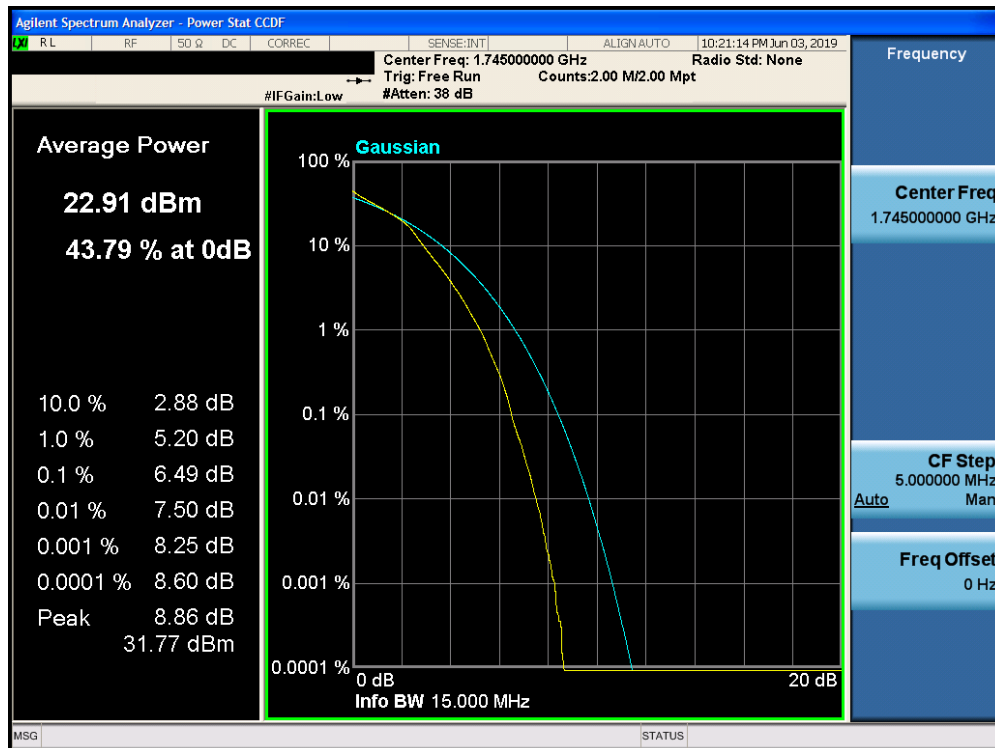


Plot 7-358. PAR Plot (Band 66 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 209 of 341

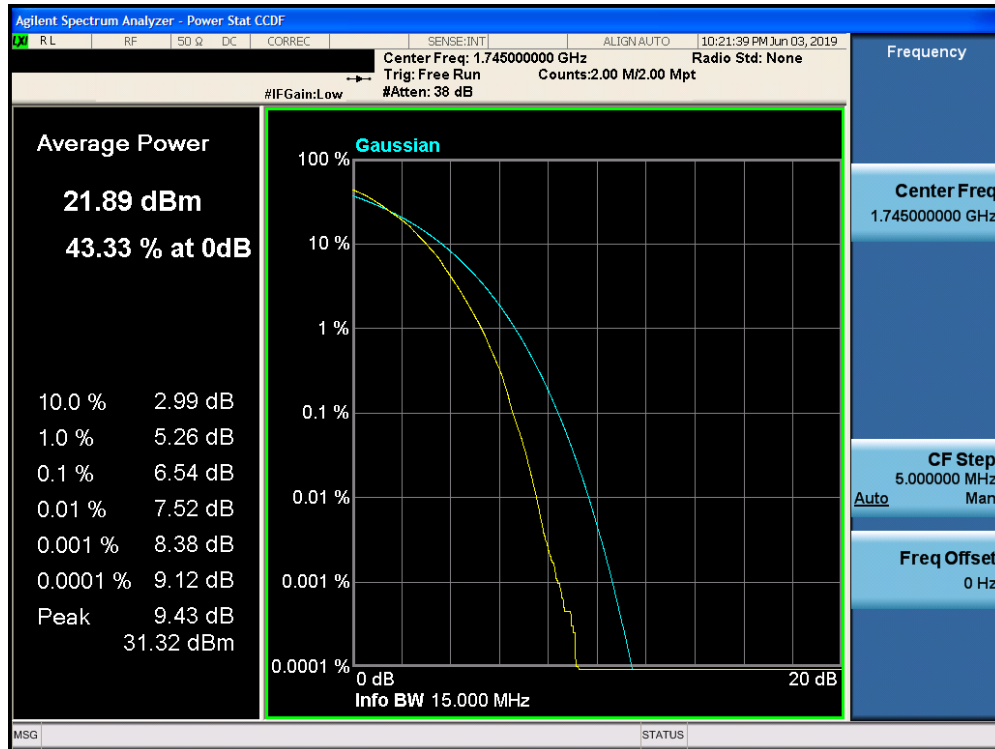


Plot 7-359. PAR Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

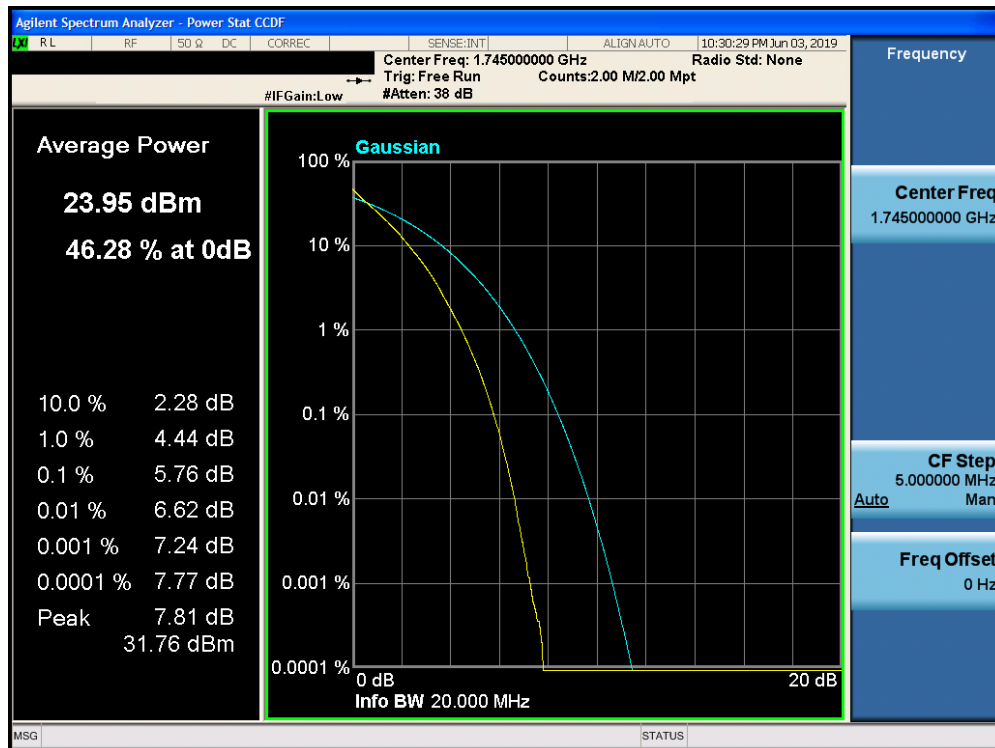


Plot 7-360. PAR Plot (Band 66 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 210 of 341

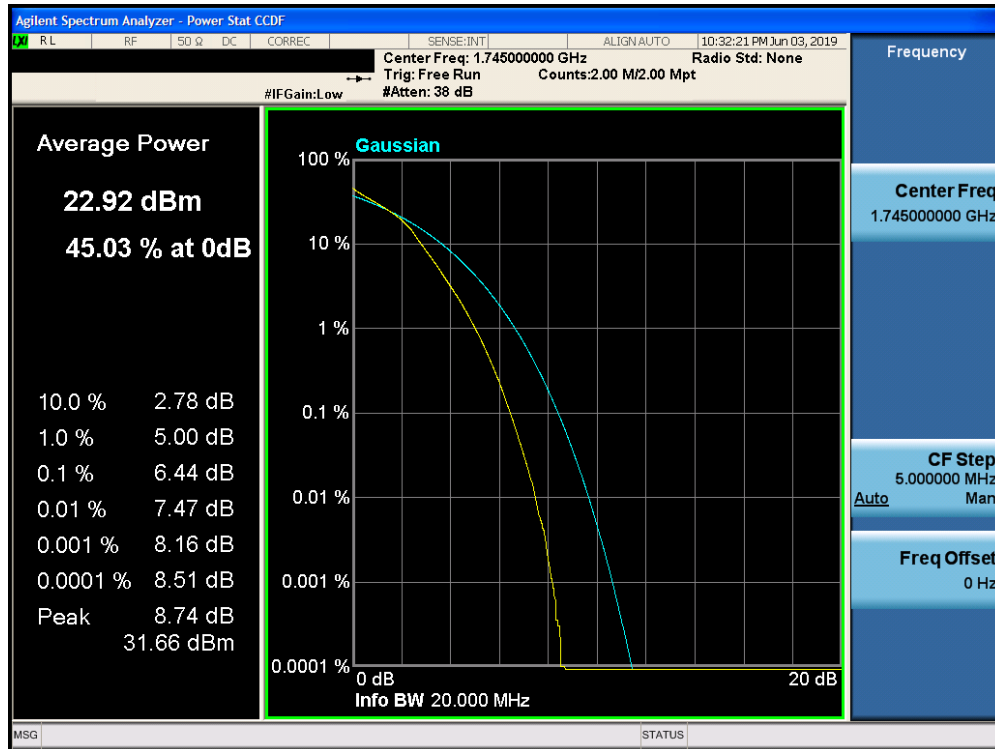


Plot 7-361. PAR Plot (Band 2 - 15.0MHz 64-QAM - Full RB Configuration)

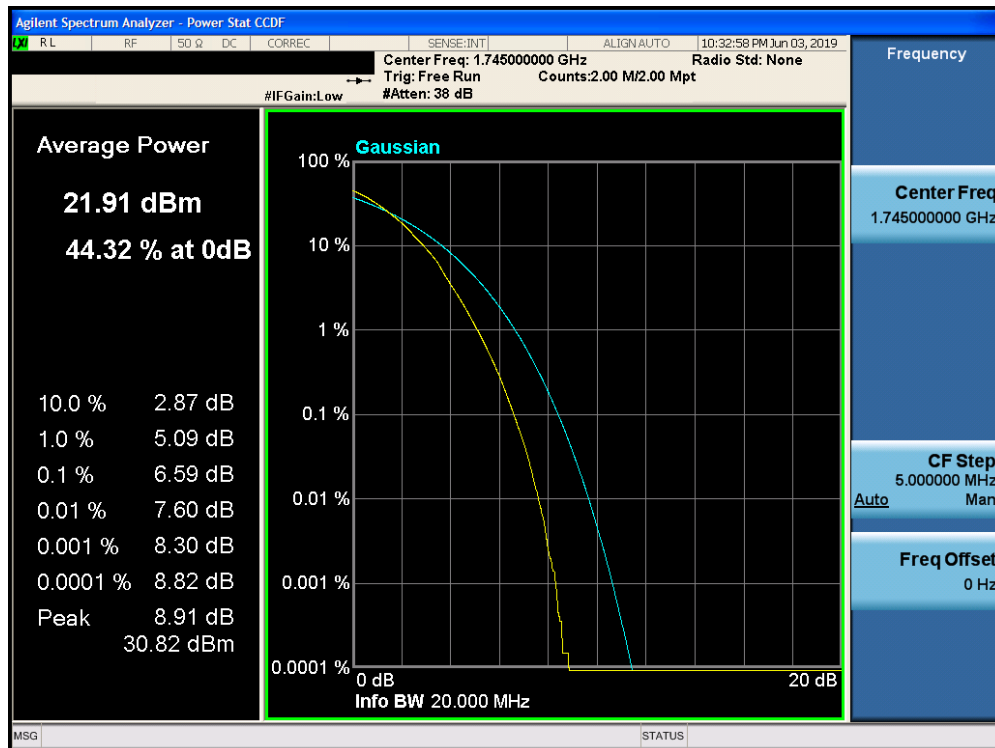


Plot 7-362. PAR Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 211 of 341



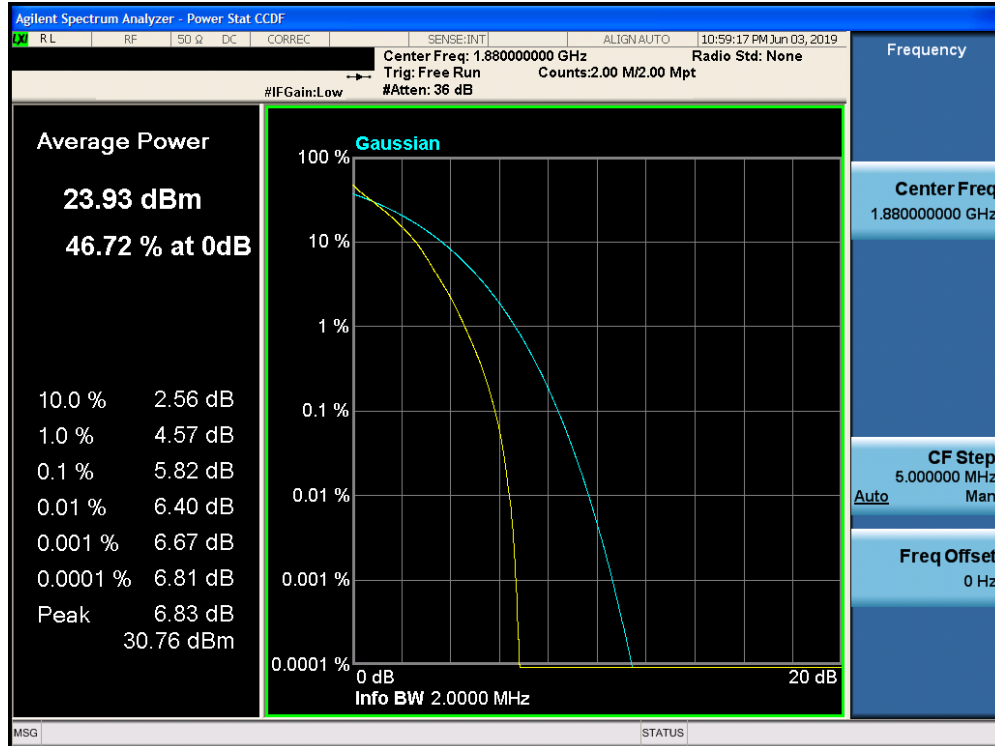
Plot 7-363. PAR Plot (Band 66 - 20.0MHz 16-QAM - Full RB Configuration)



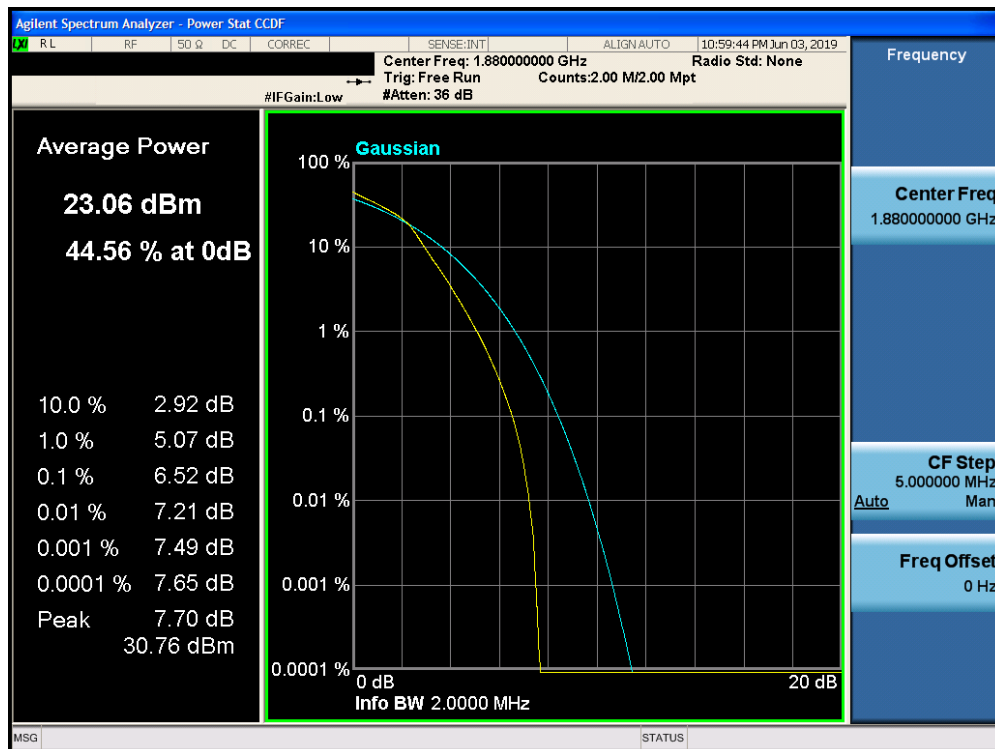
Plot 7-364. PAR Plot (Band 66 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 212 of 341

Band 2

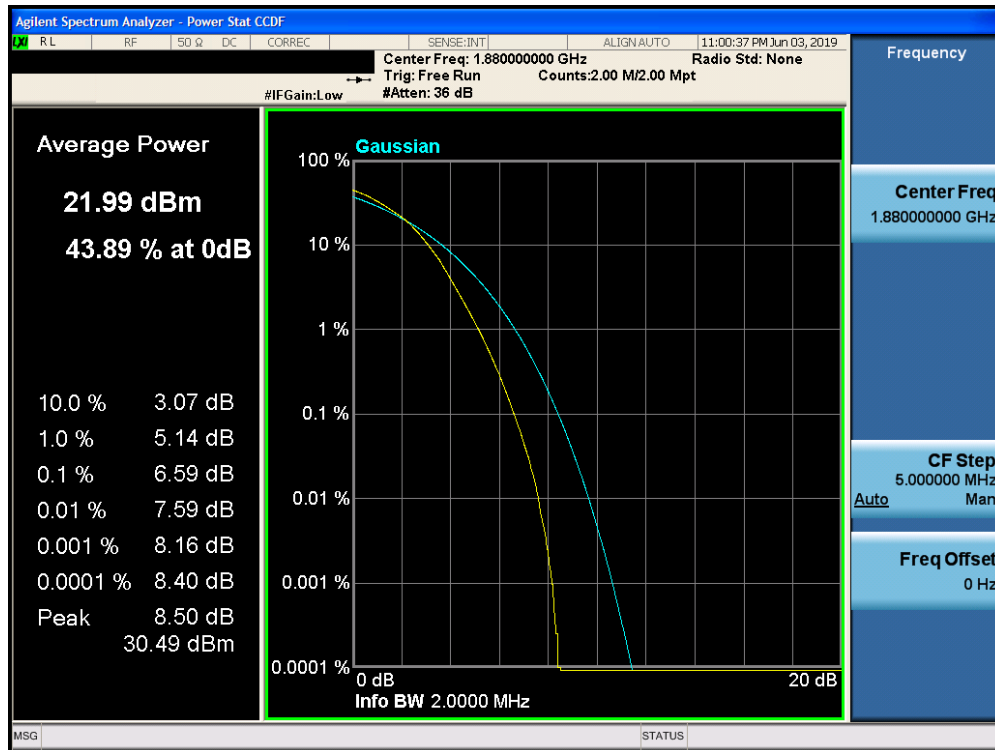


Plot 7-365. PAR Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

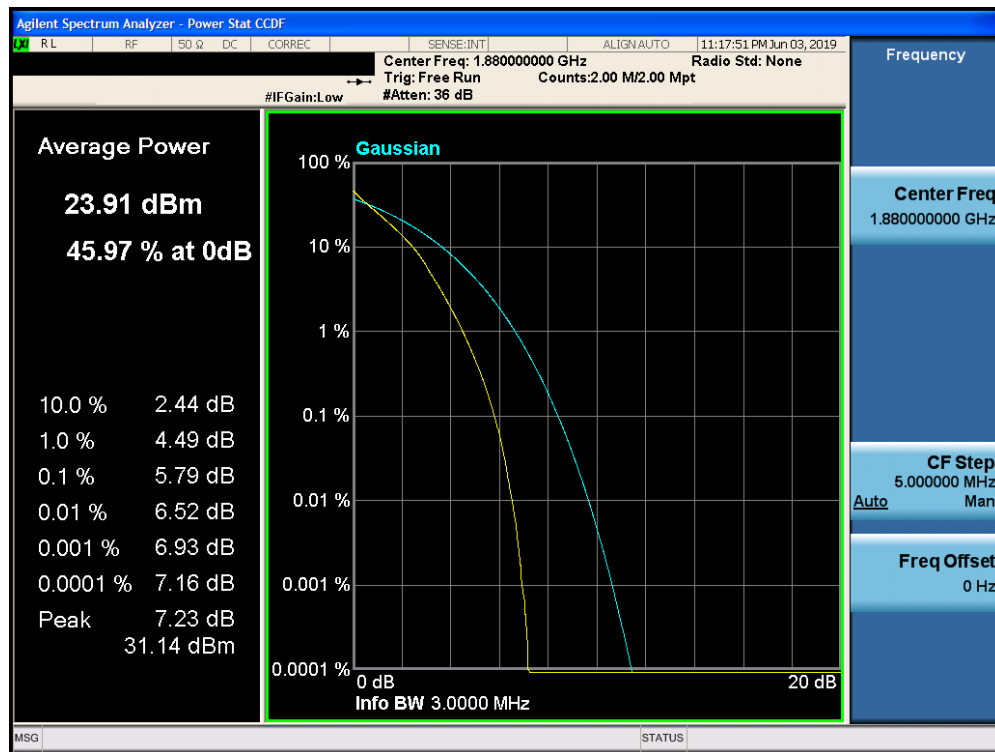


Plot 7-366. PAR Plot (Band 2 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 213 of 341

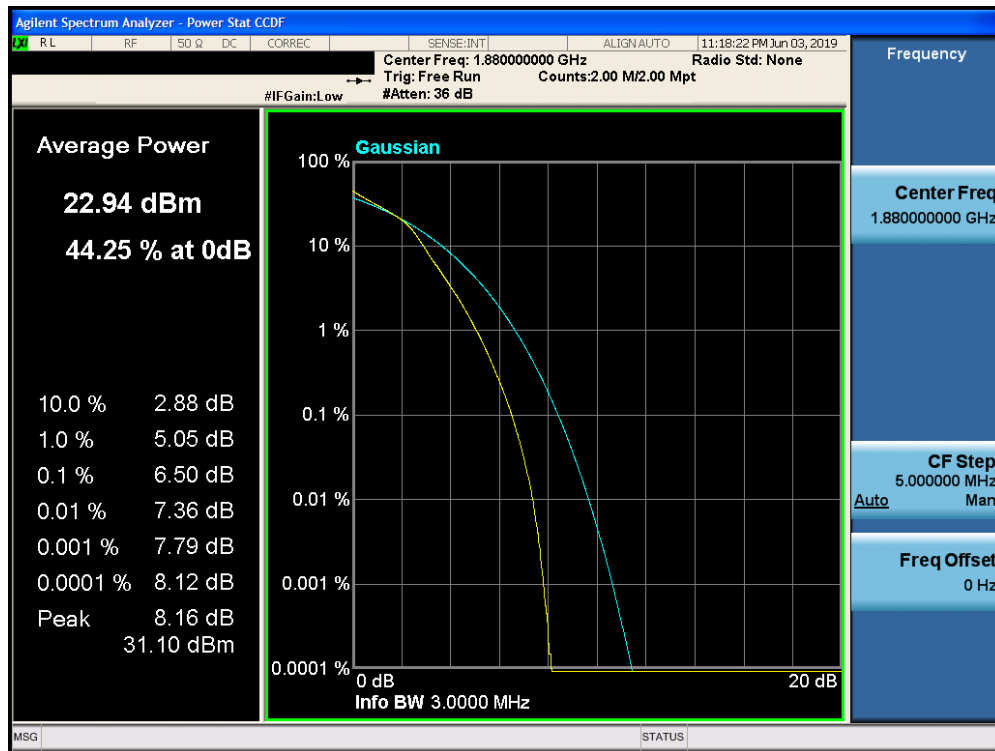


Plot 7-367. PAR Plot (Band 2 - 1.4MHz 64-QAM - Full RB Configuration)

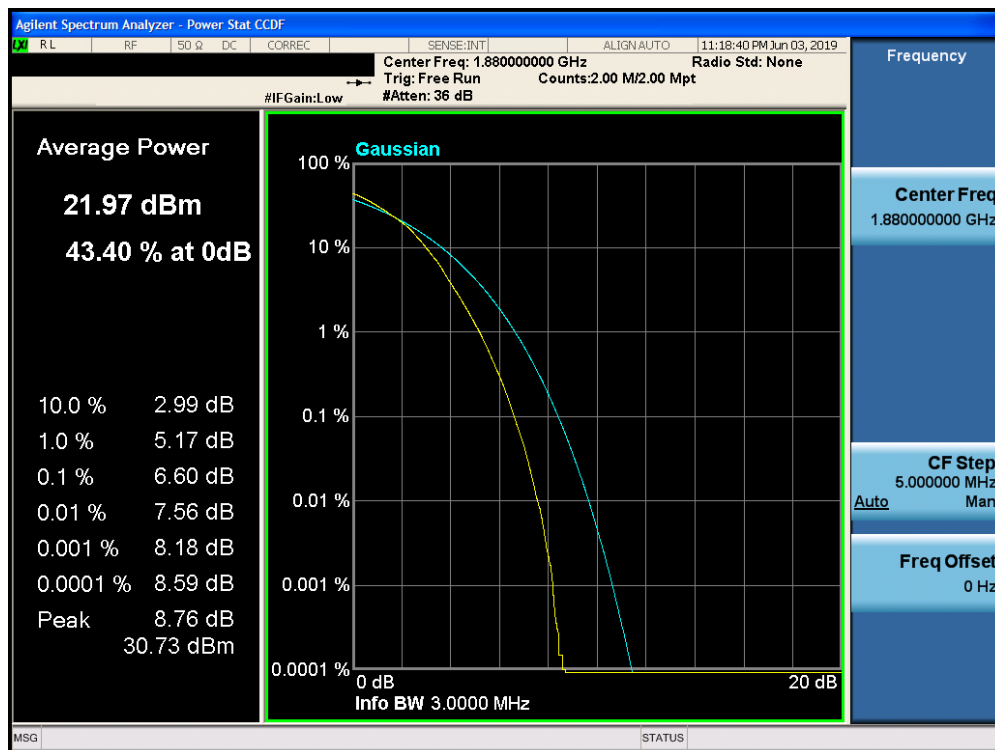


Plot 7-368. PAR Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 214 of 341

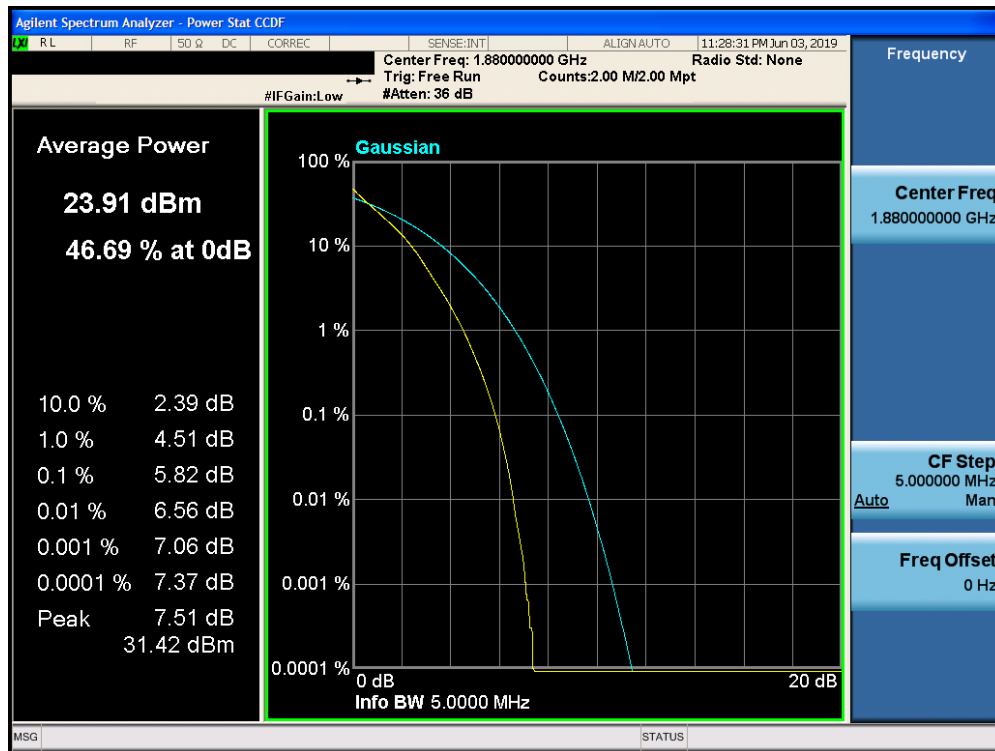


Plot 7-369. PAR Plot (Band 2 - 3.0MHz 16-QAM - Full RB Configuration)

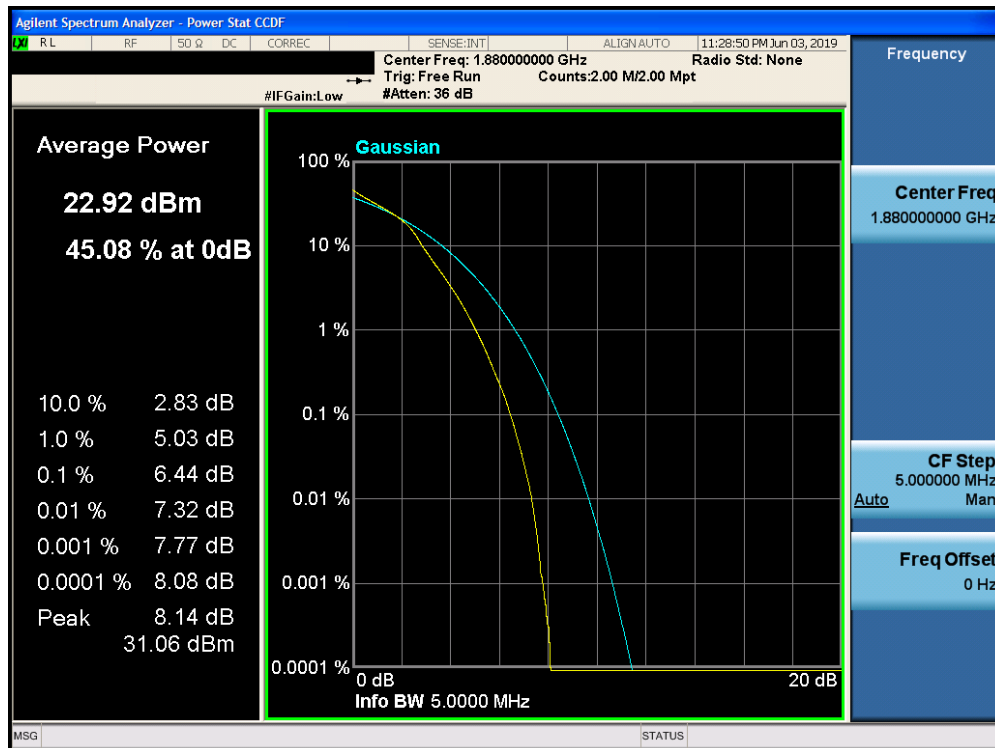


Plot 7-370. PAR Plot (Band 2 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 215 of 341

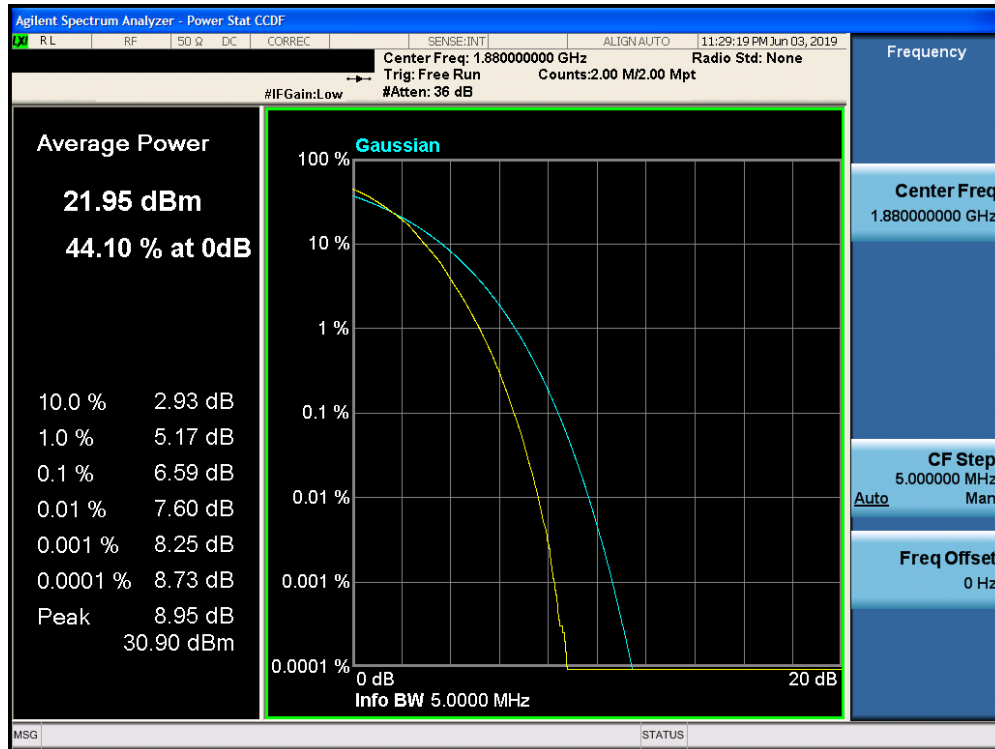


Plot 7-371. PAR Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

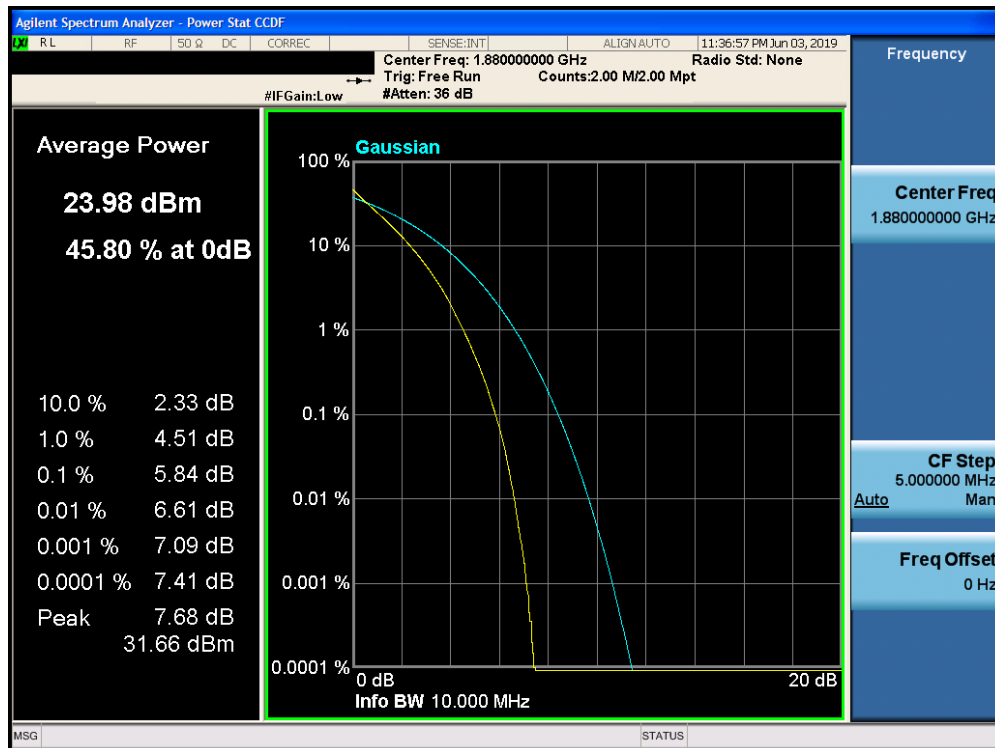


Plot 7-372. PAR Plot (Band 2 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 216 of 341

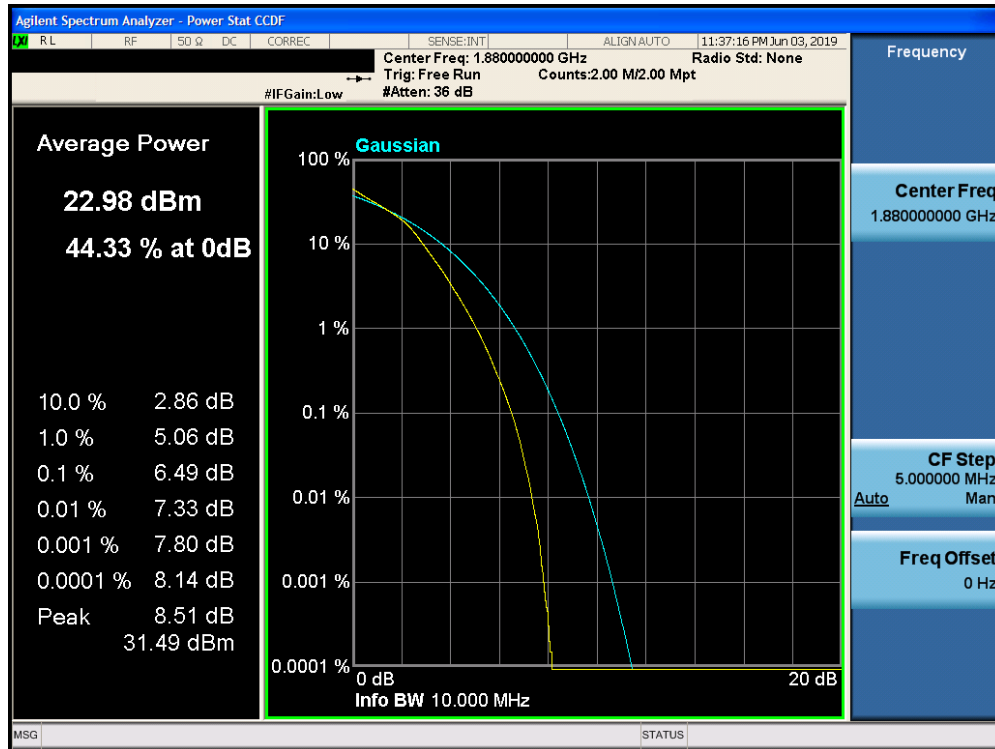


Plot 7-373. PAR Plot (Band 2 - 5.0MHz 64-QAM - Full RB Configuration)

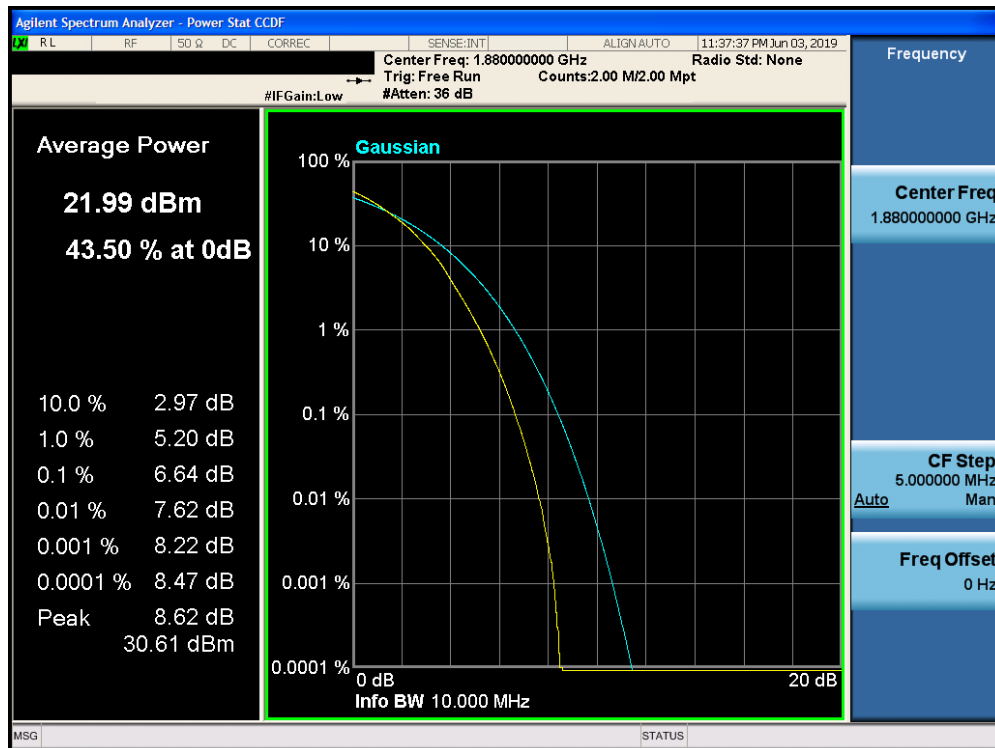


Plot 7-374. PAR Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 217 of 341

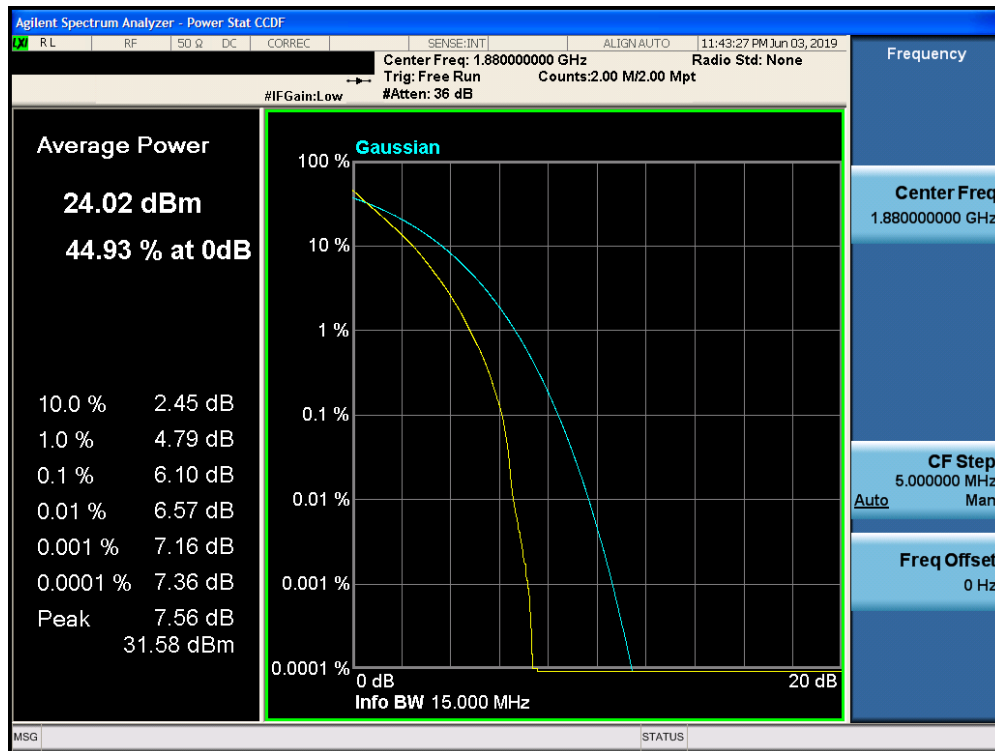


Plot 7-375. PAR Plot (Band 2 - 10.0MHz 16-QAM - Full RB Configuration)

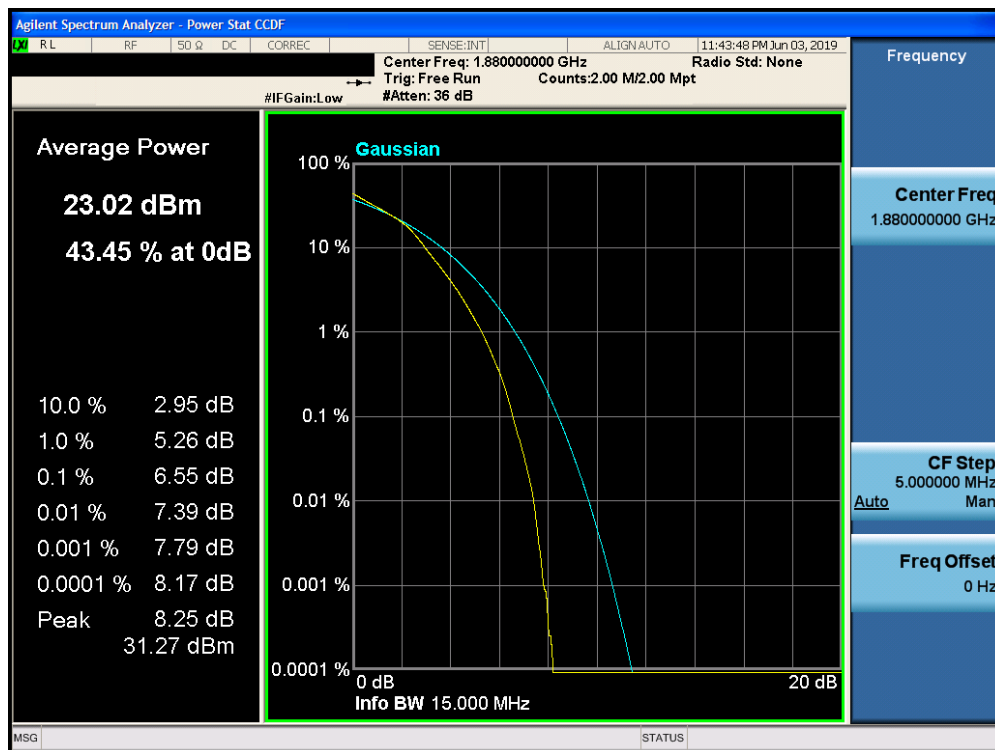


Plot 7-376. PAR Plot (Band 2 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 218 of 341

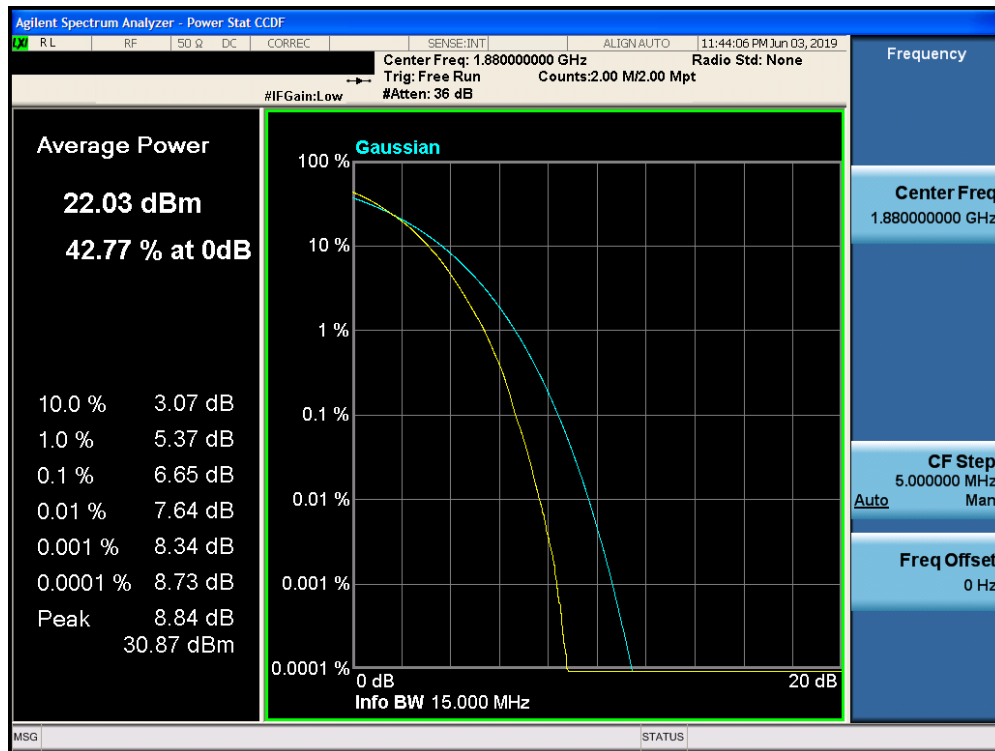


Plot 7-377. PAR Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

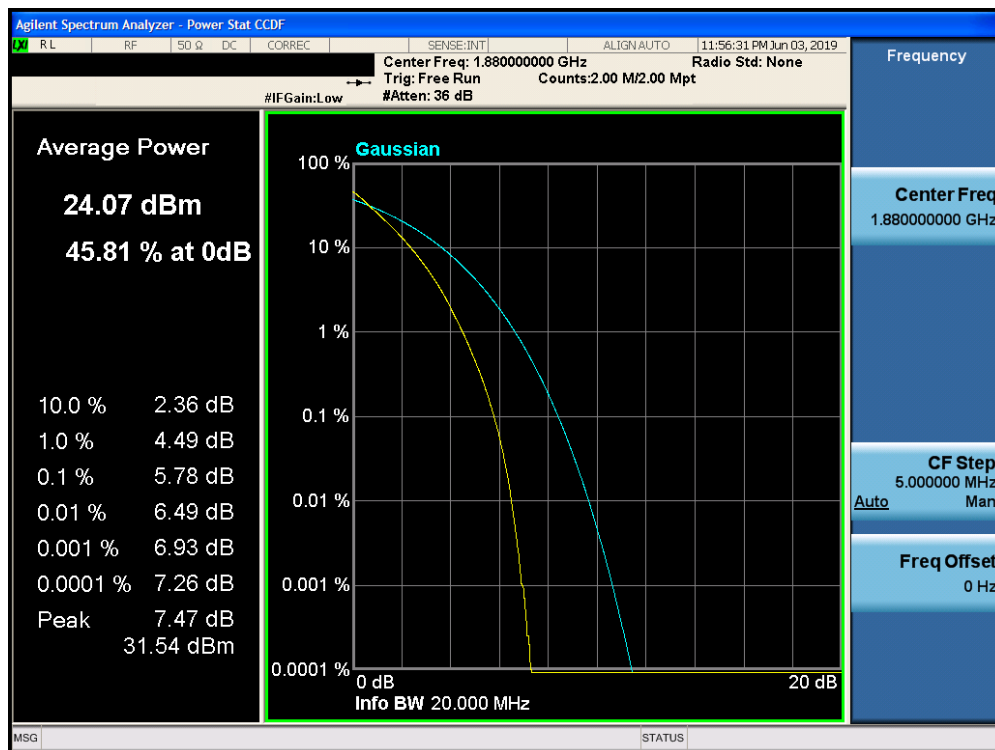


Plot 7-378. PAR Plot (Band 2 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 219 of 341

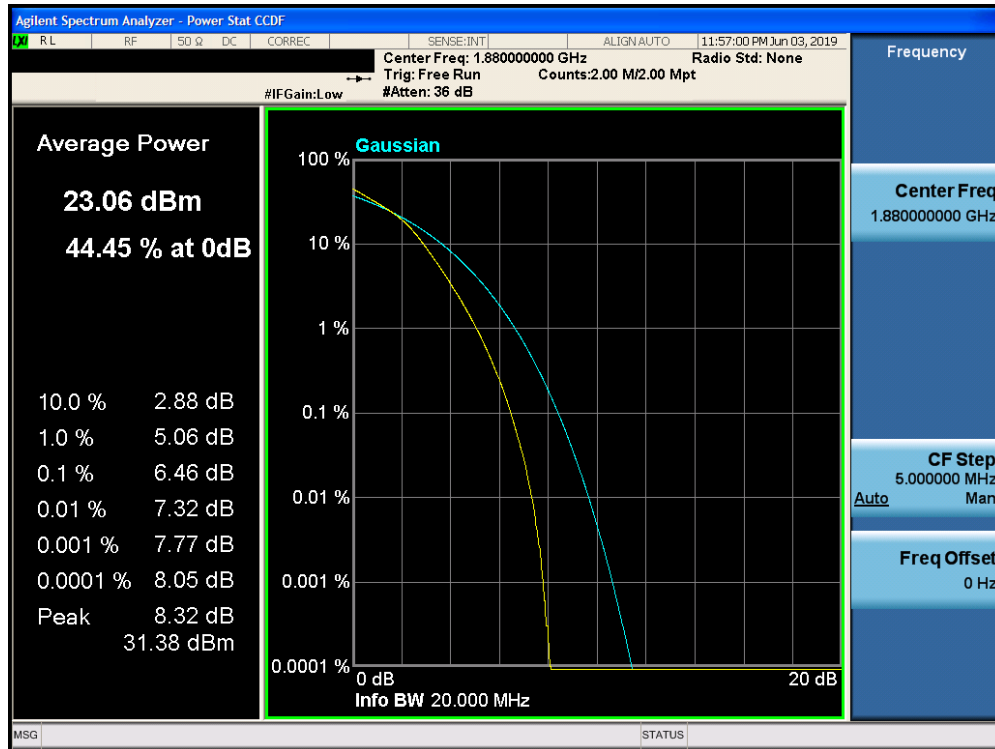


Plot 7-379. PAR Plot (Band 2 - 15.0MHz 64-QAM - Full RB Configuration)

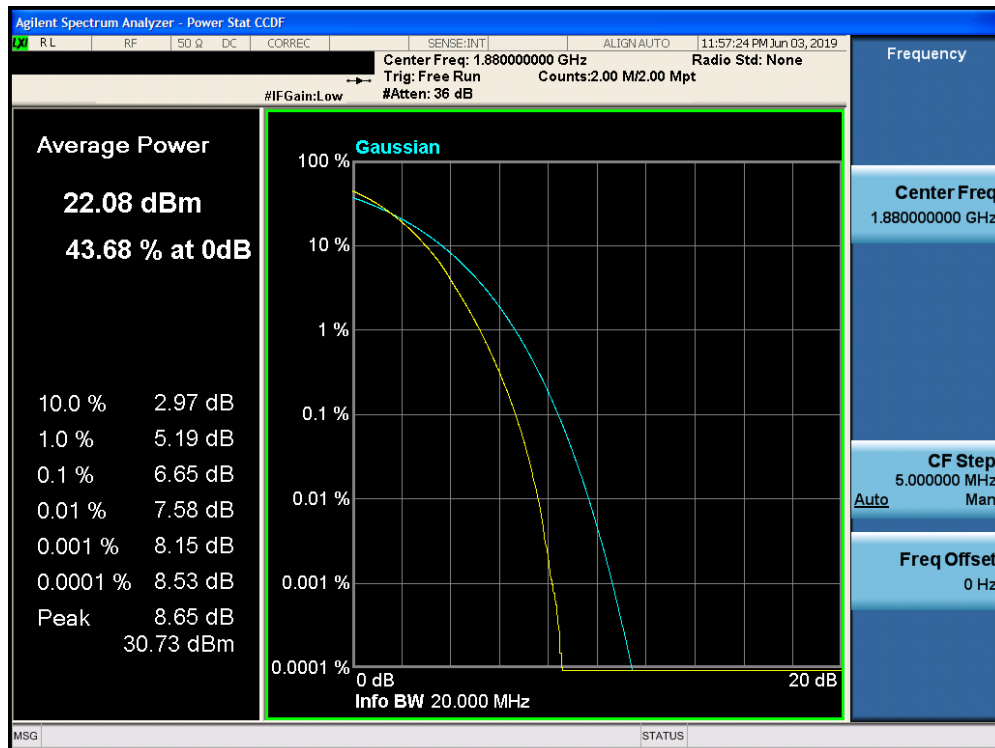


Plot 7-380. PAR Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 220 of 341



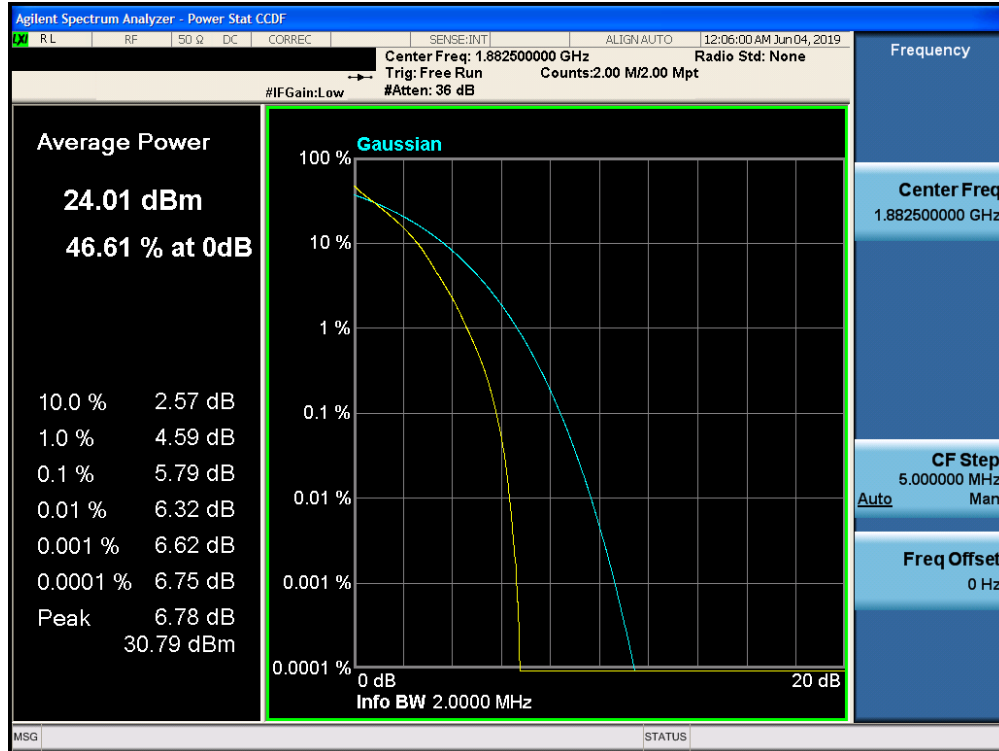
Plot 7-381. PAR Plot (Band 2 - 20.0MHz 16-QAM - Full RB Configuration)



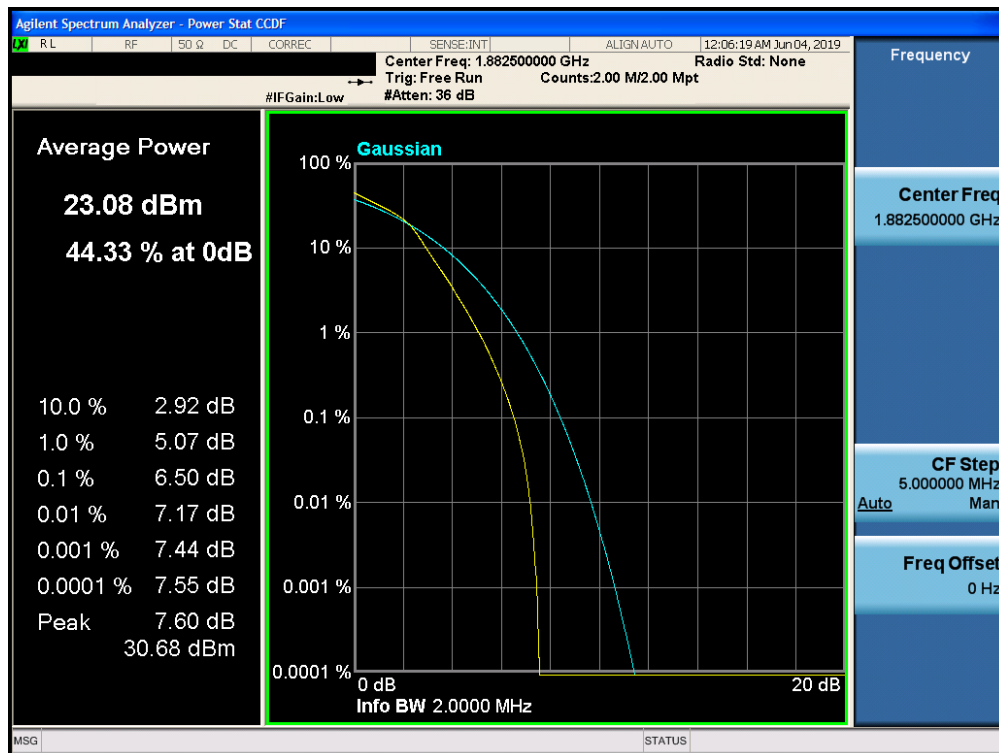
Plot 7-382. PAR Plot (Band 2 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 221 of 341

Band 25

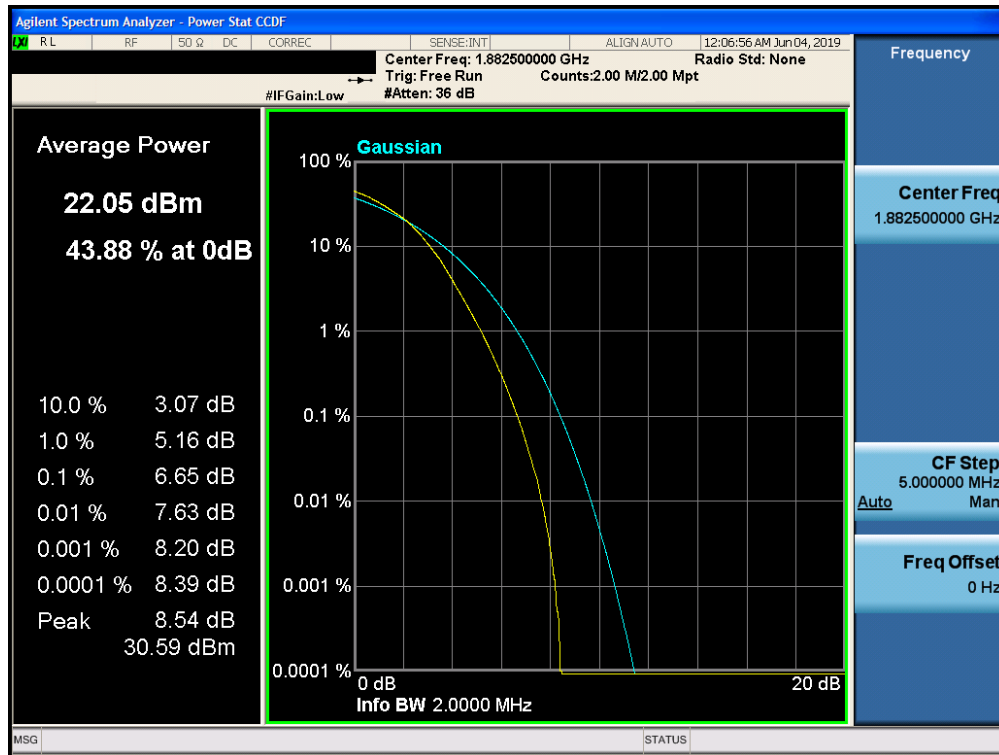


Plot 7-383. PAR Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

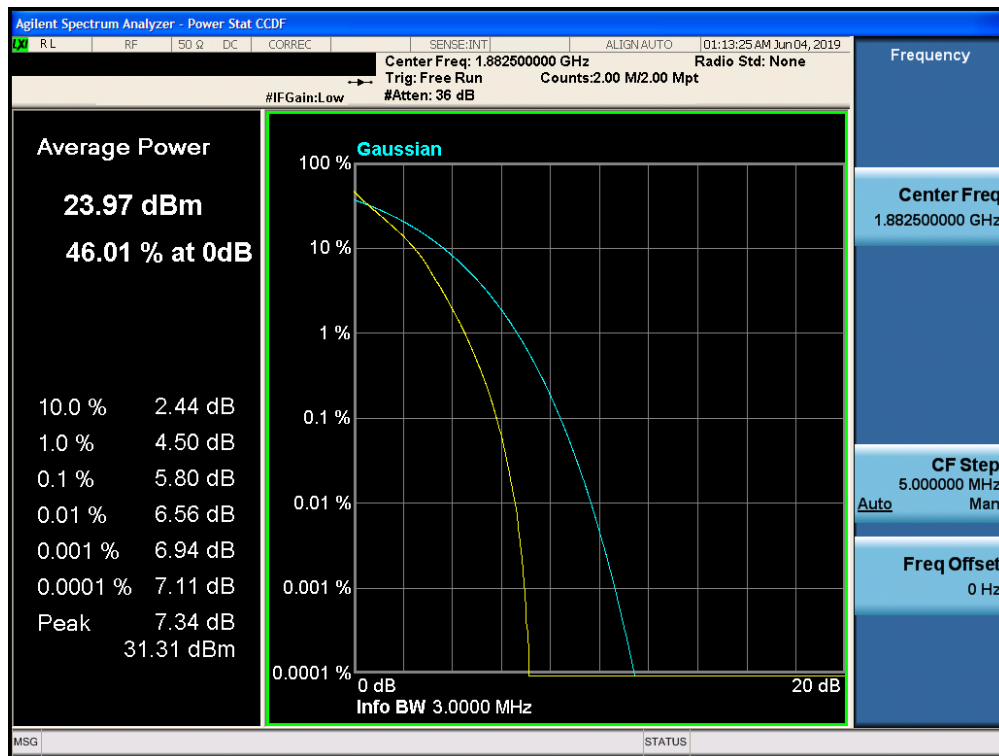


Plot 7-384. PAR Plot (Band 25 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 222 of 341

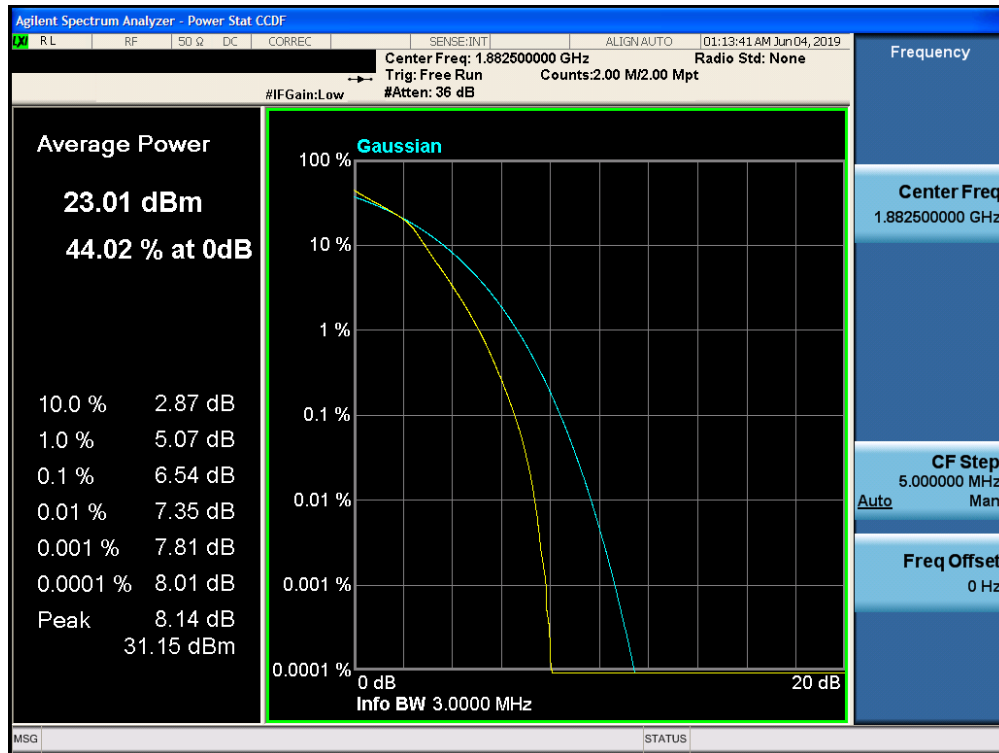


Plot 7-385. PAR Plot (Band 25 - 1.4MHz 64-QAM - Full RB Configuration)

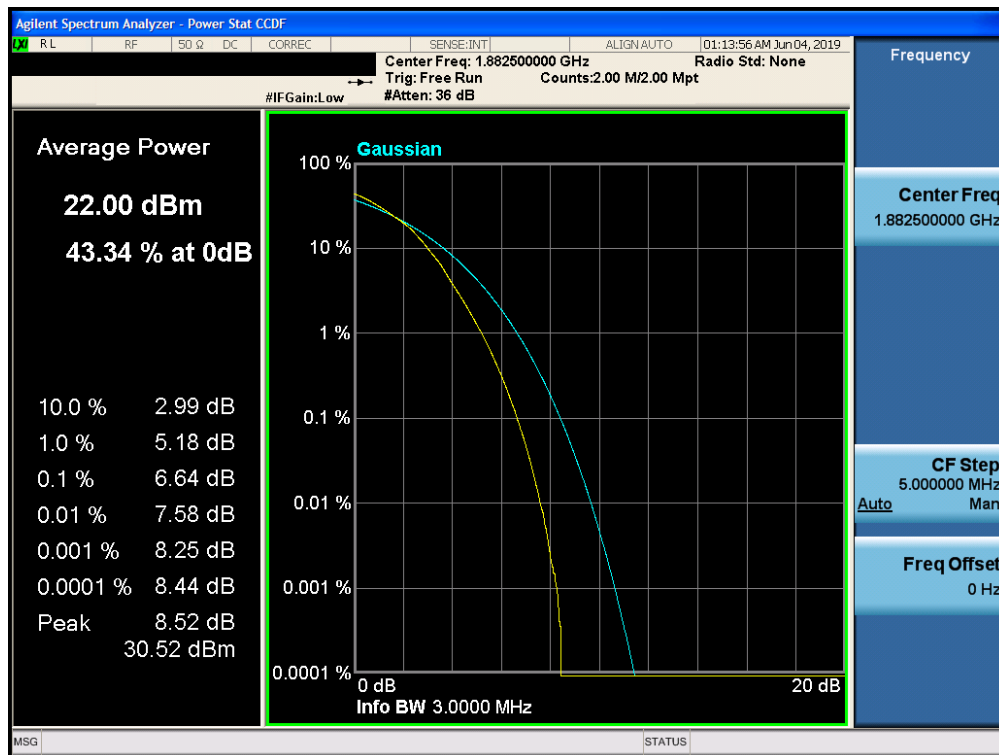


Plot 7-386. PAR Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 223 of 341

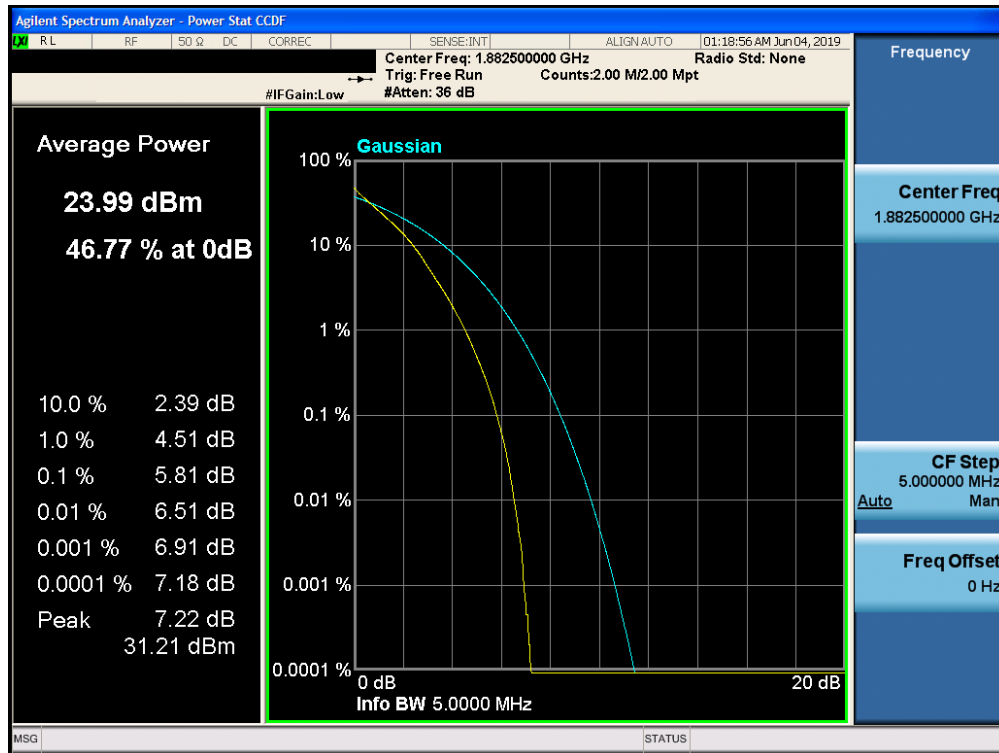


Plot 7-387. PAR Plot (Band 25 - 3.0MHz 16-QAM - Full RB Configuration)



Plot 7-388. PAR Plot (Band 25 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 224 of 341



Plot 7-389. PAR Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-390. PAR Plot (Band 25 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2198	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1901280004-03.BCG	Test Dates: 05/01/2019-08/08/2019	EUT Type: Tablet Device	Page 225 of 341