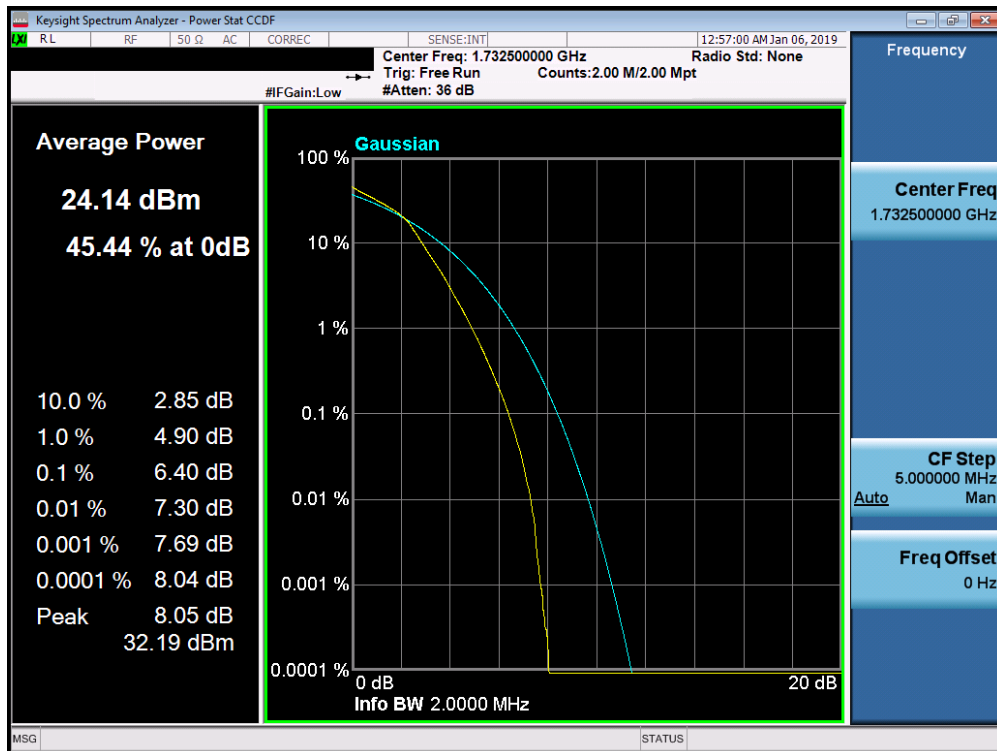
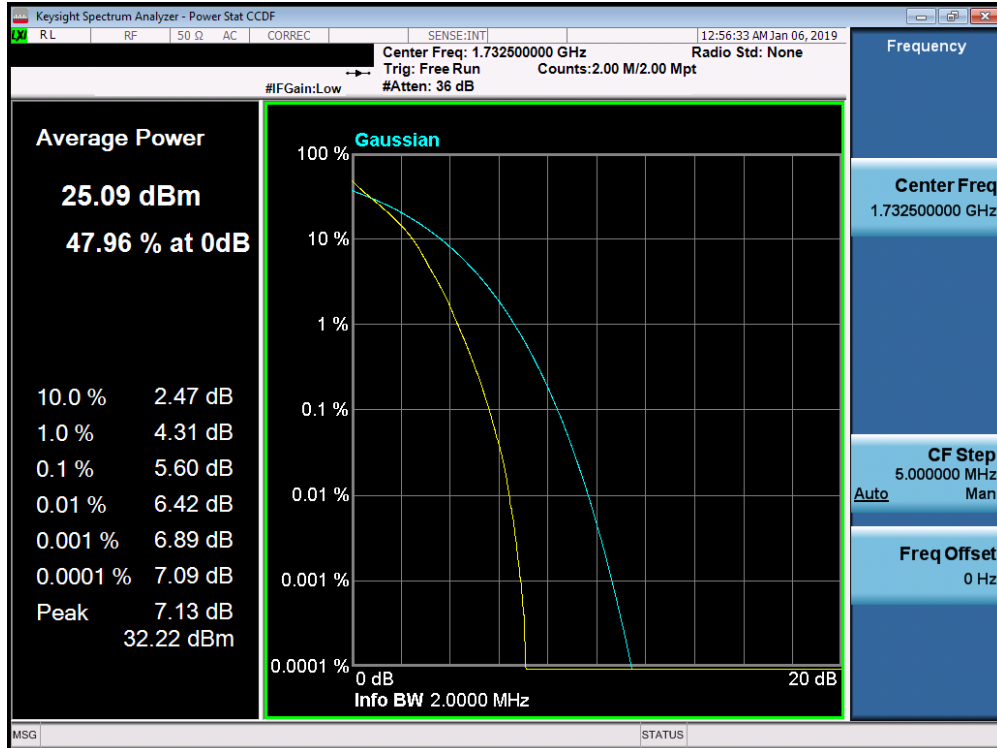


Mode	BW (MHz)	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	Limit [dB]	Margin [dB]
LTE Band 4	1.4	QPSK	25.09	5.60	13	-7.40
LTE Band 4	1.4	16QAM	24.14	6.40	13	-6.60
LTE Band 4	1.4	64QAM	22.64	6.49	13	-6.51
LTE Band 4	3	QPSK	25.08	5.60	13	-7.40
LTE Band 4	3	16QAM	24.08	6.45	13	-6.55
LTE Band 4	3	64QAM	22.54	6.45	13	-6.55
LTE Band 4	5	QPSK	25.09	5.62	13	-7.38
LTE Band 4	5	16QAM	24.08	6.29	13	-6.71
LTE Band 4	5	64QAM	22.56	6.43	13	-6.57
LTE Band 4	10	QPSK	25.06	5.61	13	-7.39
LTE Band 4	10	16QAM	24.02	6.26	13	-6.74
LTE Band 4	10	64QAM	22.52	6.43	13	-6.57
LTE Band 4	15	QPSK	25.14	5.82	13	-7.18
LTE Band 4	15	16QAM	24.12	6.26	13	-6.74
LTE Band 4	15	64QAM	22.56	6.35	13	-6.65
LTE Band 4	20	QPSK	25.18	5.51	13	-7.49
LTE Band 4	20	16QAM	24.16	6.26	13	-6.74
LTE Band 4	20	64QAM	22.59	6.43	13	-6.57
LTE Band 66	1.4	QPSK	24.99	5.59	13	-7.41
LTE Band 66	1.4	16QAM	24.03	6.34	13	-6.66
LTE Band 66	1.4	64QAM	22.55	6.47	13	-6.53
LTE Band 66	3	QPSK	24.94	5.56	13	-7.44
LTE Band 66	3	16QAM	23.93	6.36	13	-6.64
LTE Band 66	3	64QAM	22.48	6.47	13	-6.53
LTE Band 66	5	QPSK	24.97	5.60	13	-7.40
LTE Band 66	5	16QAM	23.95	6.30	13	-6.70
LTE Band 66	5	64QAM	22.47	6.41	13	-6.59
LTE Band 66	10	QPSK	24.99	5.61	13	-7.39
LTE Band 66	10	16QAM	23.96	6.26	13	-6.74
LTE Band 66	10	64QAM	22.48	6.40	13	-6.60
LTE Band 66	15	QPSK	25.04	5.84	13	-7.16
LTE Band 66	15	16QAM	24.00	6.27	13	-6.73
LTE Band 66	15	64QAM	22.50	6.36	13	-6.64
LTE Band 66	20	QPSK	25.06	5.57	13	-7.43
LTE Band 66	20	16QAM	24.04	6.30	13	-6.70
LTE Band 66	20	64QAM	22.57	6.46	13	-6.54
LTE Band 2	1.4	QPSK	24.77	5.78	13	-7.22
LTE Band 2	1.4	16QAM	23.85	6.57	13	-6.43
LTE Band 2	1.4	64QAM	22.35	6.70	13	-6.30
LTE Band 2	3	QPSK	24.33	5.80	13	-7.20
LTE Band 2	3	16QAM	23.37	6.58	13	-6.42
LTE Band 2	3	64QAM	22.28	6.69	13	-6.31
LTE Band 2	5	QPSK	24.76	5.71	13	-7.29
LTE Band 2	5	16QAM	23.75	6.45	13	-6.55
LTE Band 2	5	64QAM	22.33	6.65	13	-6.35
LTE Band 2	10	QPSK	24.83	5.74	13	-7.26
LTE Band 2	10	16QAM	23.82	6.50	13	-6.50
LTE Band 2	10	64QAM	22.33	6.68	13	-6.32
LTE Band 2	15	QPSK	24.87	5.94	13	-7.06
LTE Band 2	15	16QAM	23.85	6.49	13	-6.51
LTE Band 2	15	64QAM	22.41	6.64	13	-6.36
LTE Band 2	20	QPSK	24.93	5.63	13	-7.37
LTE Band 2	20	16QAM	23.94	6.42	13	-6.58
LTE Band 2	20	64QAM	22.49	6.63	13	-6.37
LTE Band 25	1.4	QPSK	24.75	5.85	13	-7.15
LTE Band 25	1.4	16QAM	23.82	6.57	13	-6.43
LTE Band 25	1.4	64QAM	22.36	6.67	13	-6.33
LTE Band 25	3	QPSK	24.75	5.69	13	-7.31
LTE Band 25	3	16QAM	23.77	6.53	13	-6.47
LTE Band 25	3	64QAM	22.30	6.67	13	-6.33
LTE Band 25	5	QPSK	24.74	5.77	13	-7.23
LTE Band 25	5	16QAM	23.74	6.49	13	-6.51
LTE Band 25	5	64QAM	22.29	6.67	13	-6.33
LTE Band 25	10	QPSK	24.77	5.80	13	-7.20
LTE Band 25	10	16QAM	23.76	6.49	13	-6.51
LTE Band 25	10	64QAM	22.31	6.68	13	-6.32
LTE Band 25	15	QPSK	24.84	6.00	13	-7.00
LTE Band 25	15	16QAM	23.83	6.49	13	-6.51
LTE Band 25	15	64QAM	22.4	6.63	13	-6.37
LTE Band 25	20	QPSK	24.9	5.62	13	-7.38
LTE Band 25	20	16QAM	23.88	6.40	13	-6.60
LTE Band 25	20	64QAM	22.43	6.61	13	-6.39

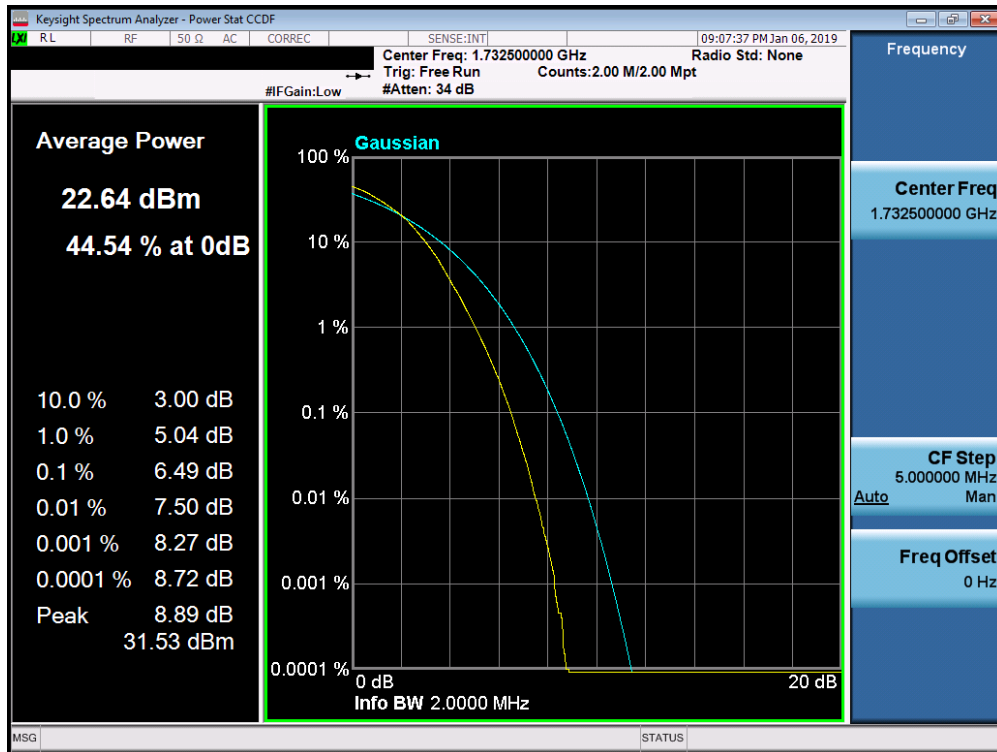
Table 7-6. PAR Table

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 207 of 363

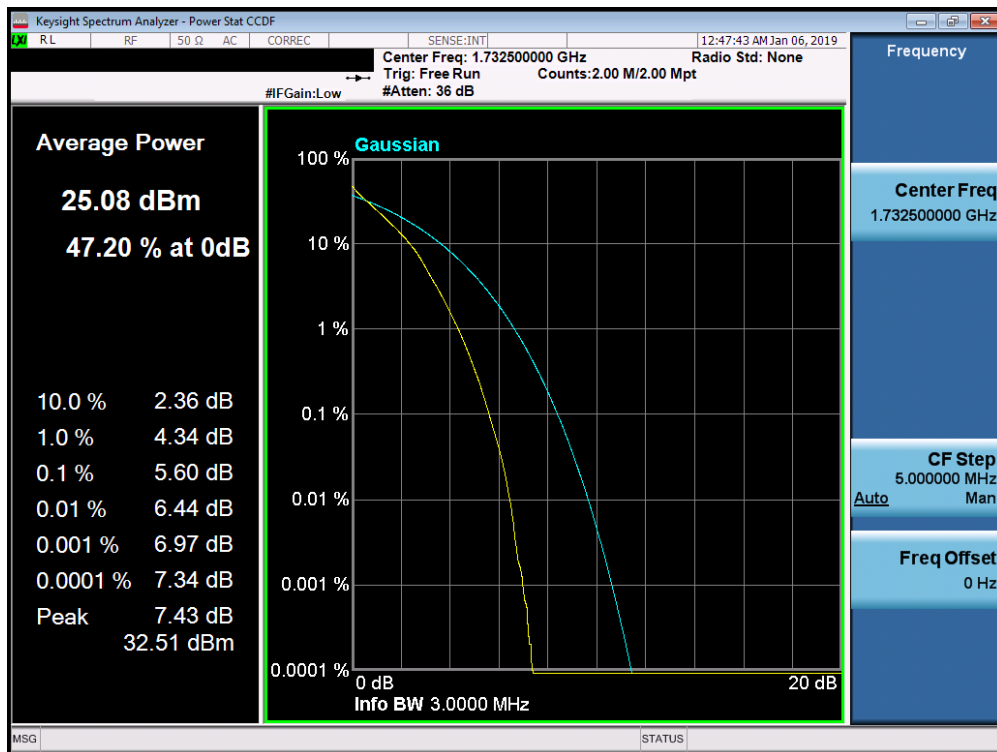
Band 4



FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 208 of 363

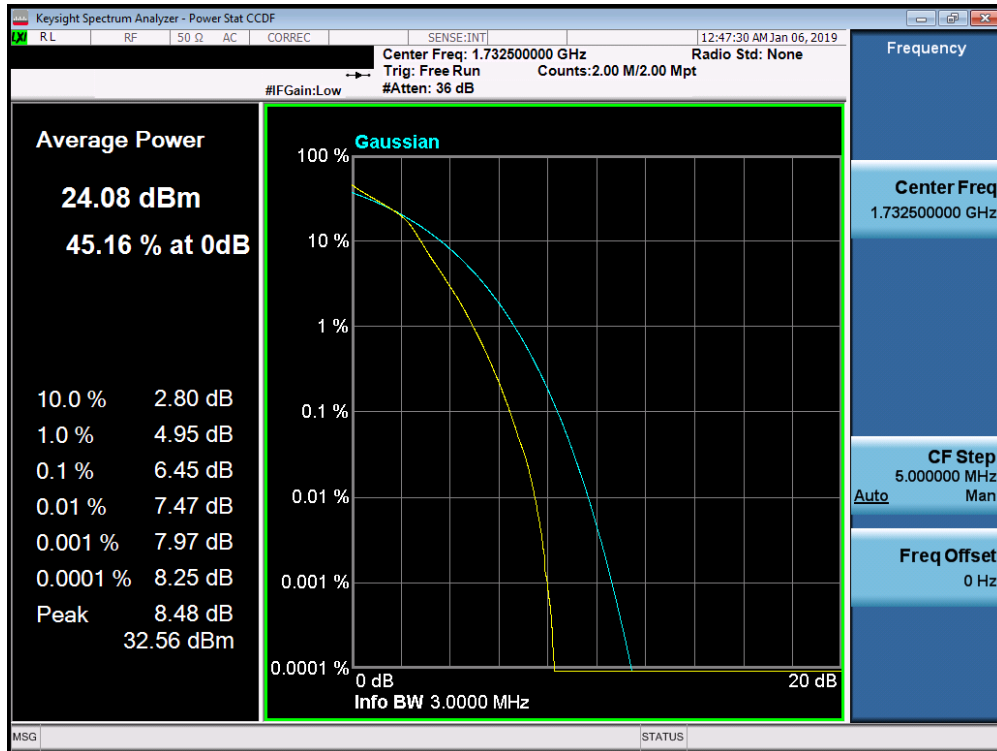


Plot 7-356. PAR Plot (Band 4 - 1.4MHz 64-QAM - Full RB Configuration)

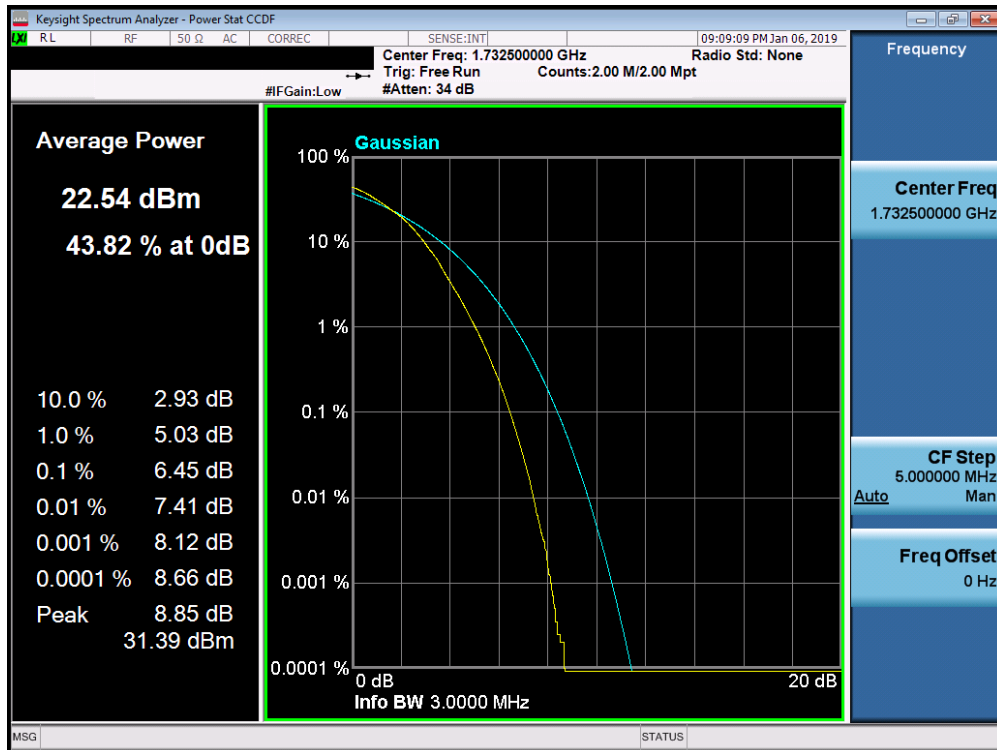


Plot 7-357. PAR Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 209 of 363

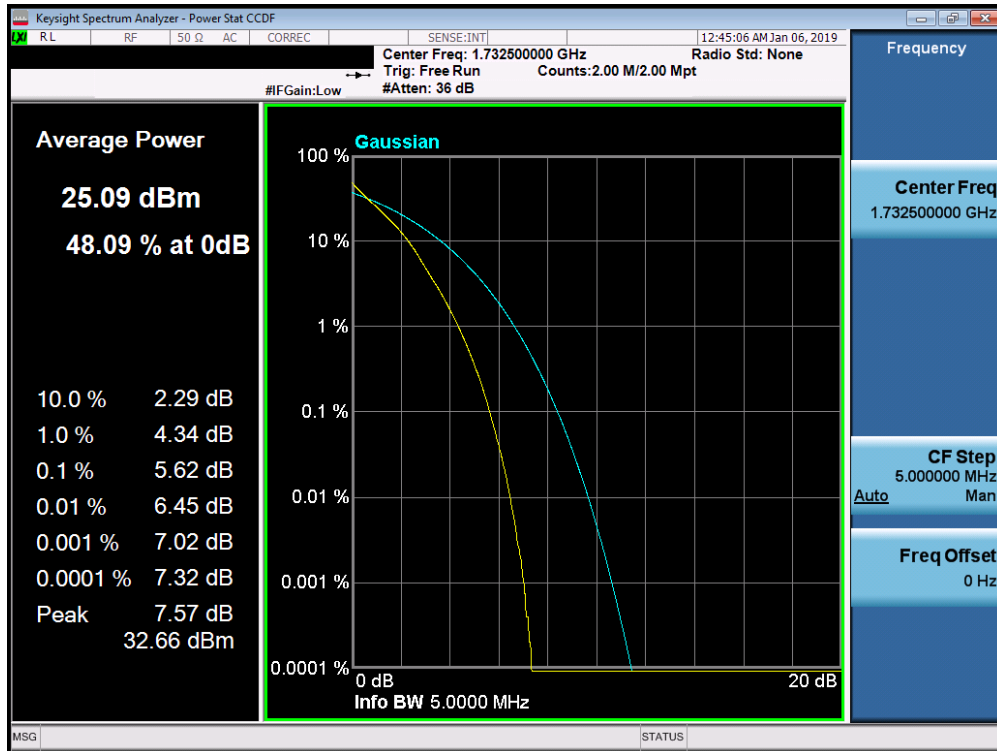


Plot 7-358. PAR Plot (Band 4 - 3.0MHz 16-QAM - Full RB Configuration)

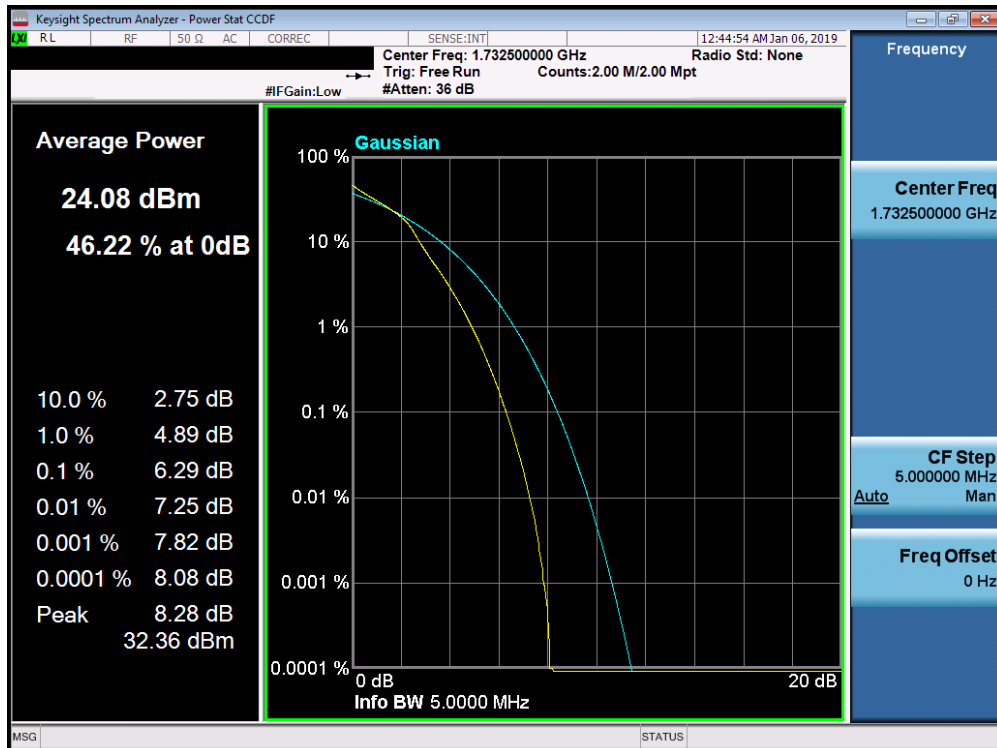


Plot 7-359. PAR Plot (Band 4 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 210 of 363

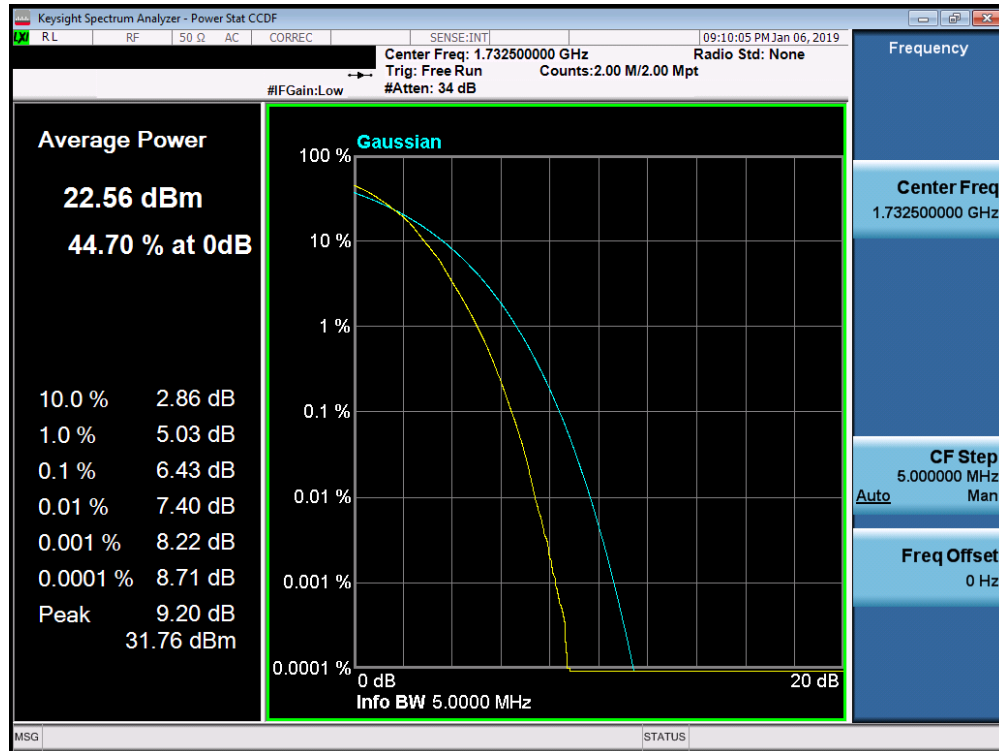


Plot 7-360. PAR Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

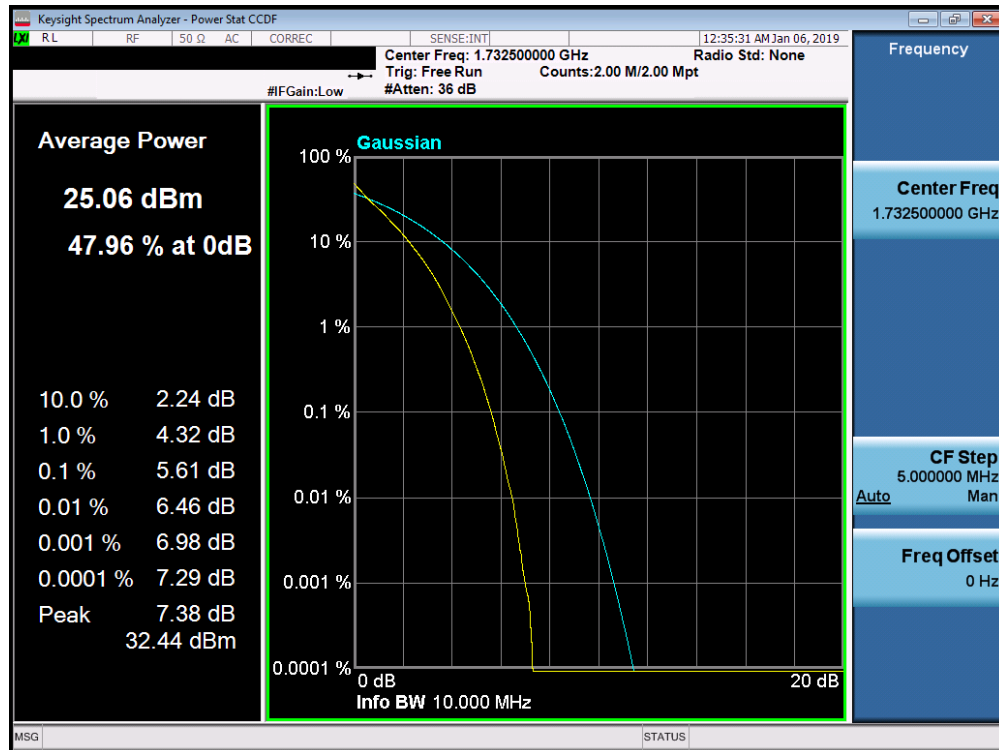


Plot 7-361. PAR Plot (Band 4 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 211 of 363

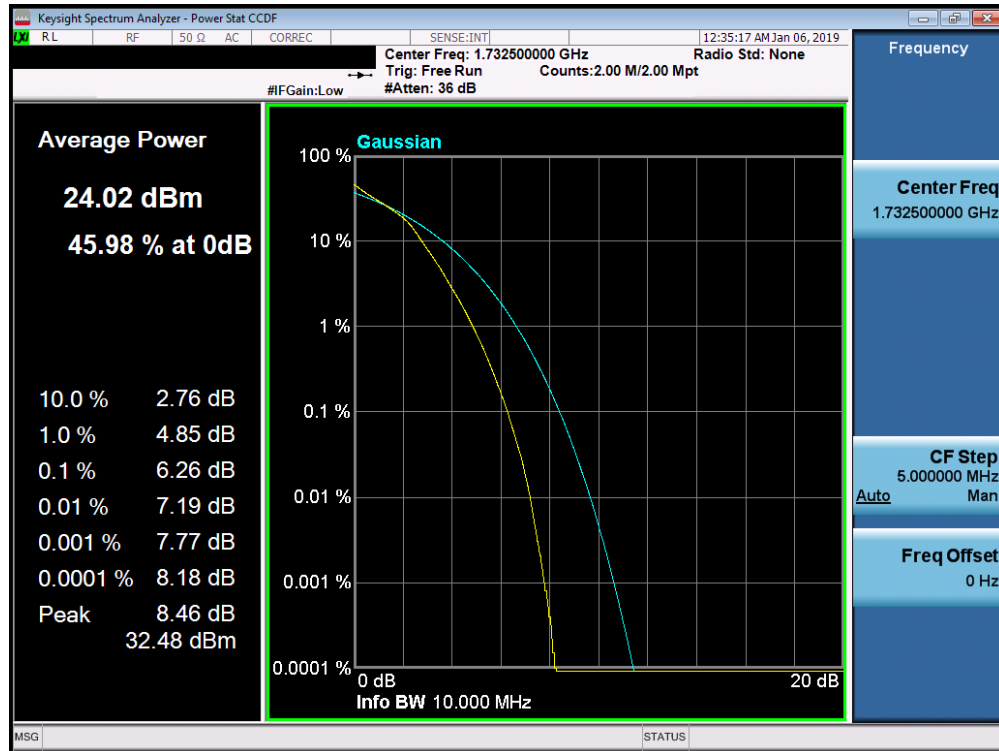


Plot 7-362. PAR Plot (Band 4 - 5.0MHz 64-QAM - Full RB Configuration)

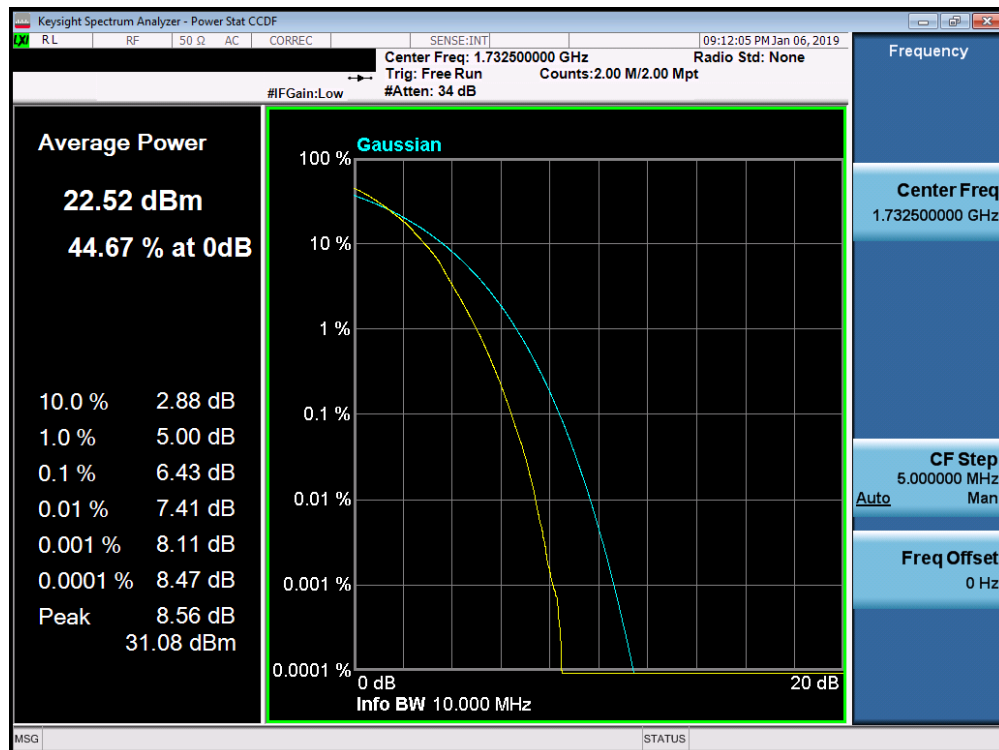


Plot 7-363. PAR Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 212 of 363

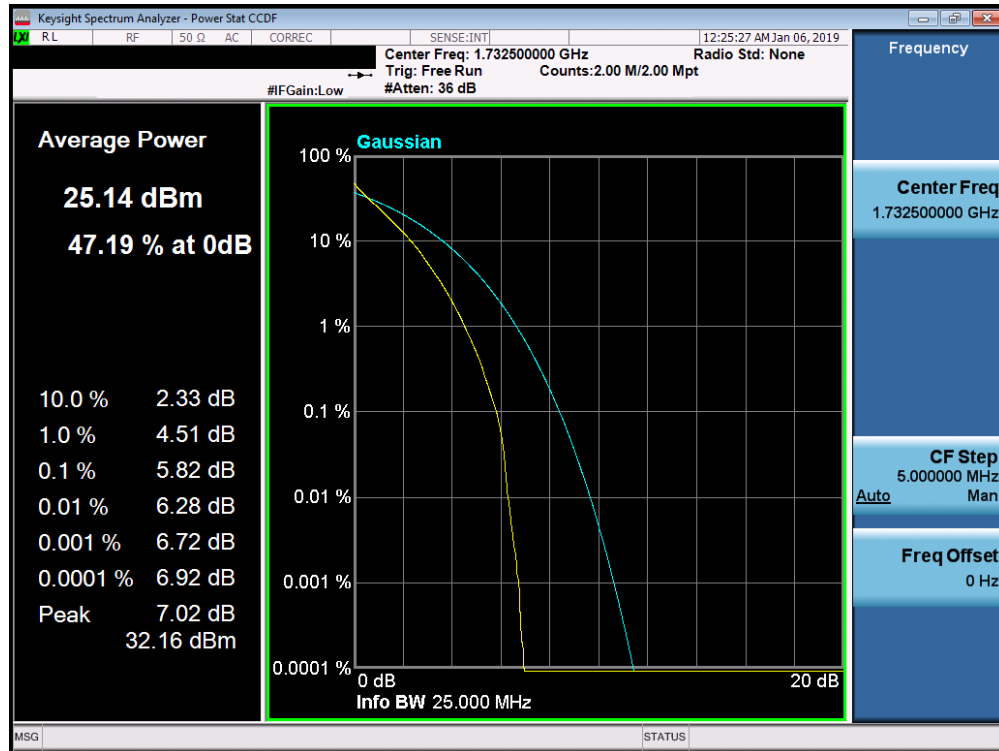


Plot 7-364. PAR Plot (Band 4 - 10.0MHz 16-QAM - Full RB Configuration)

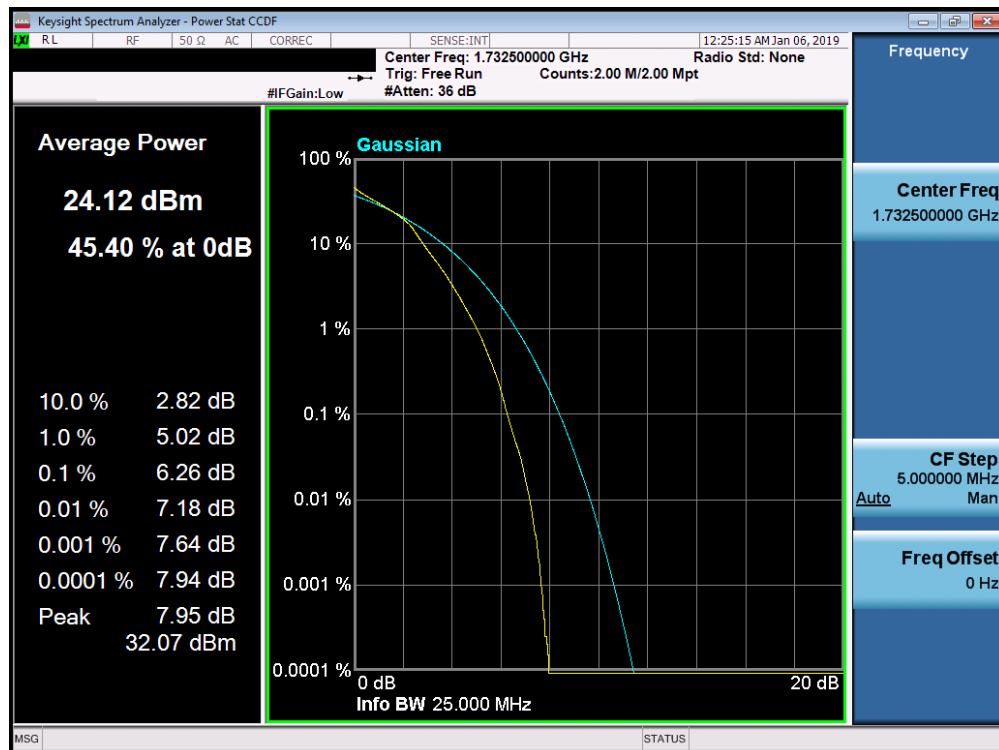


Plot 7-365. PAR Plot (Band 4 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 213 of 363

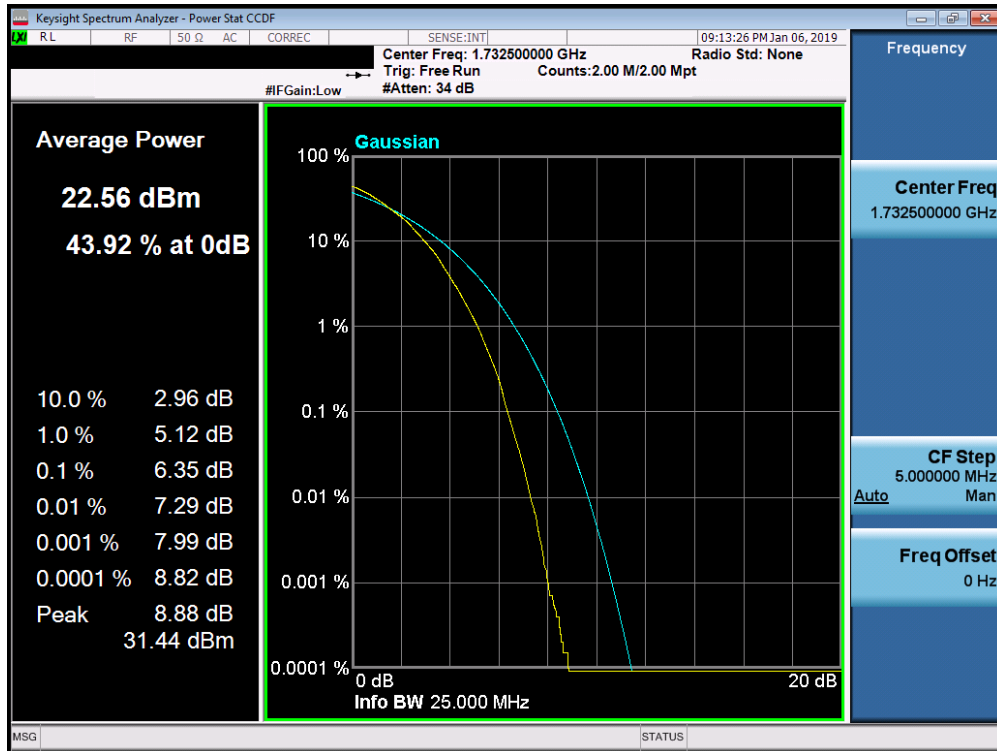


Plot 7-366. PAR Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

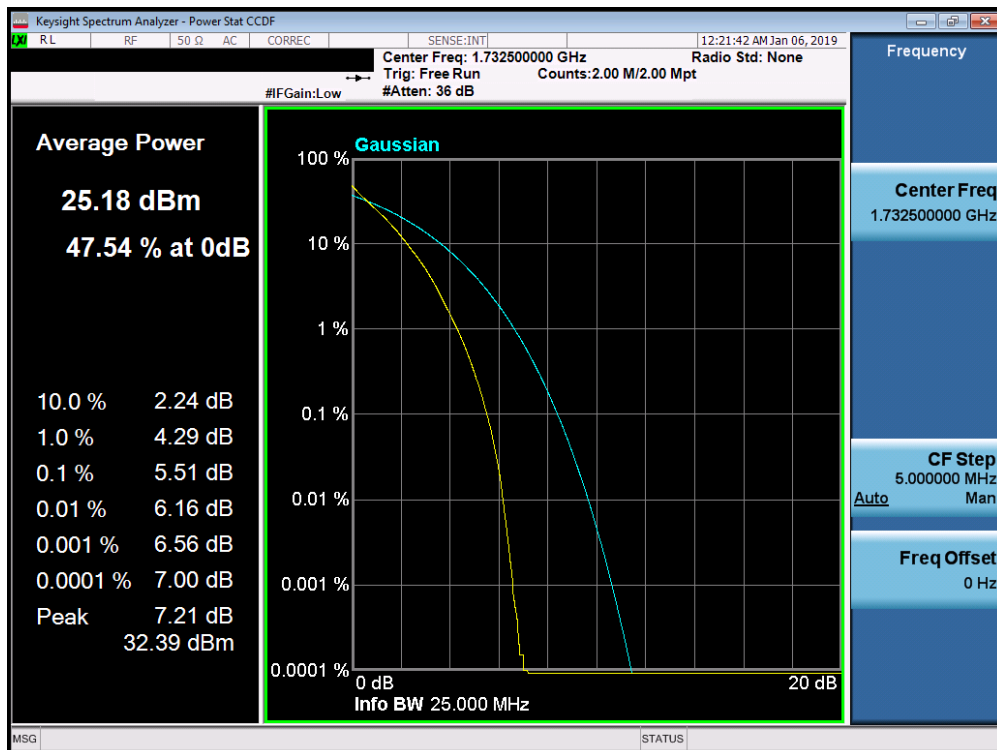


Plot 7-367. PAR Plot (Band 4 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 214 of 363

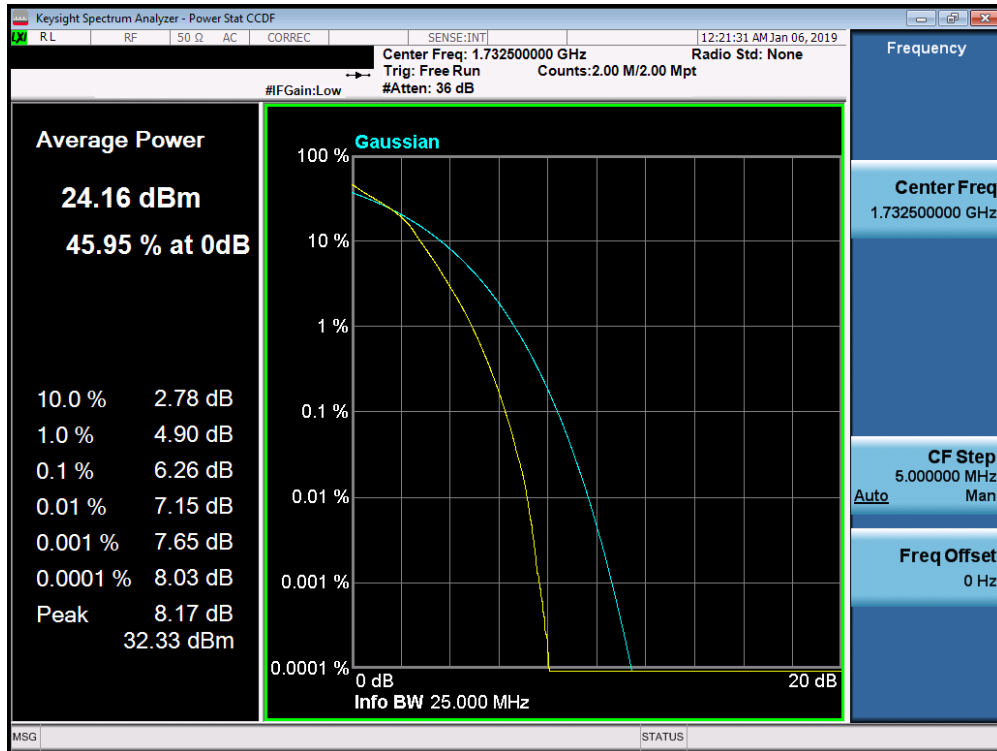


Plot 7-368. PAR Plot (Band 4 - 15.0MHz 64-QAM - Full RB Configuration)

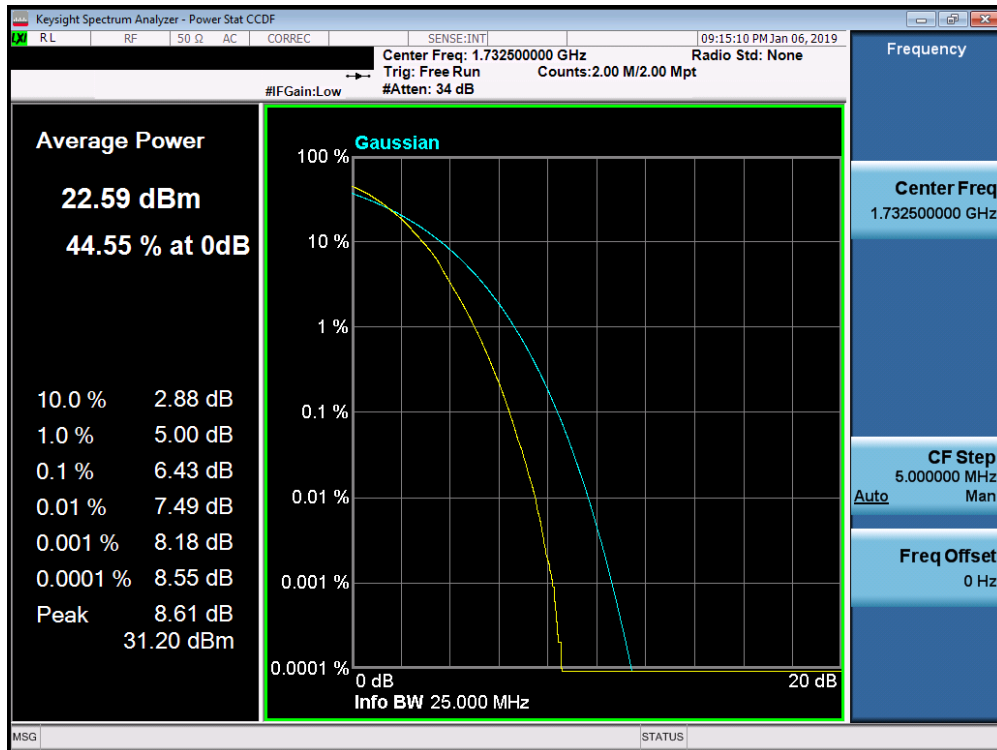


Plot 7-369. PAR Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 215 of 363



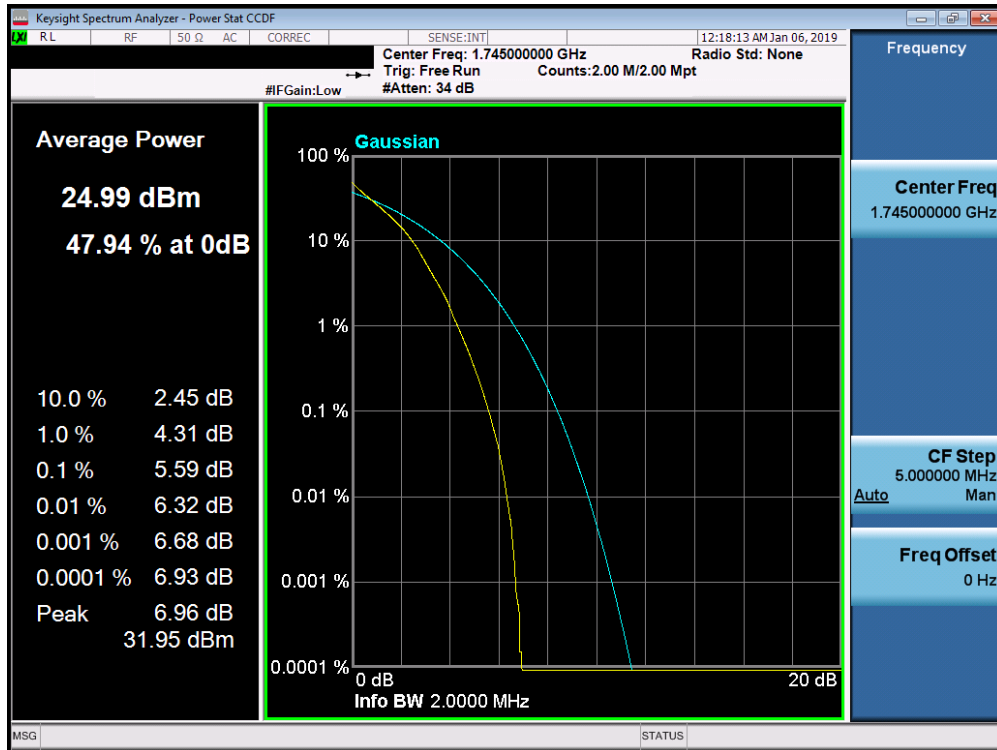
Plot 7-370. PAR Plot (Band 4 - 20.0MHz 16-QAM - Full RB Configuration)



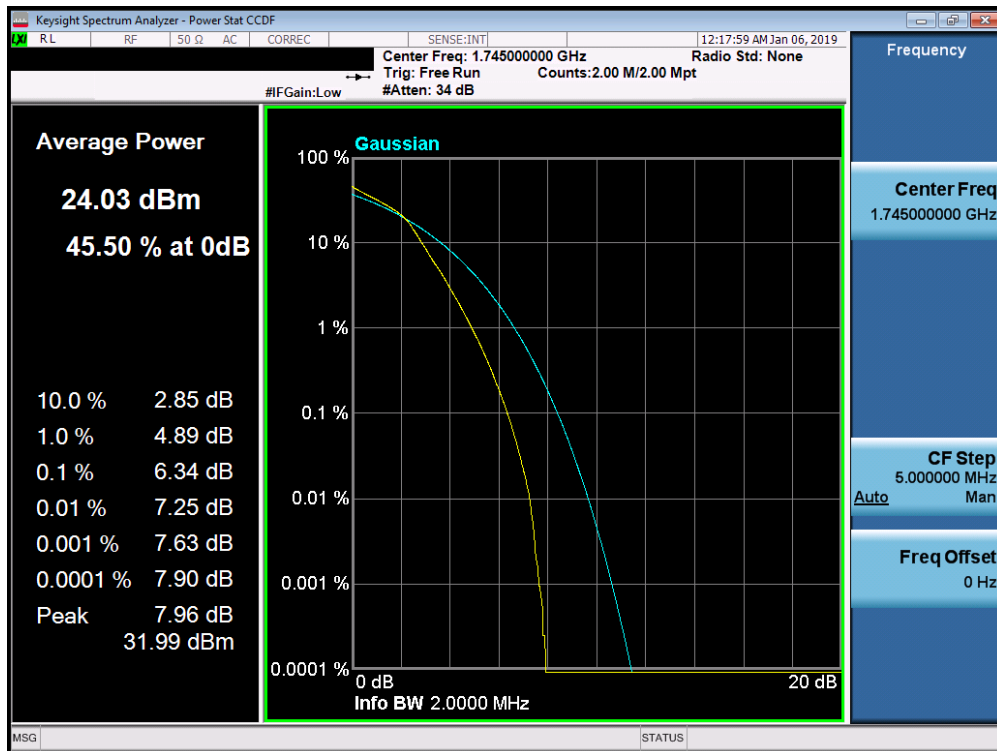
Plot 7-371. PAR Plot (Band 4 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 216 of 363

Band 66

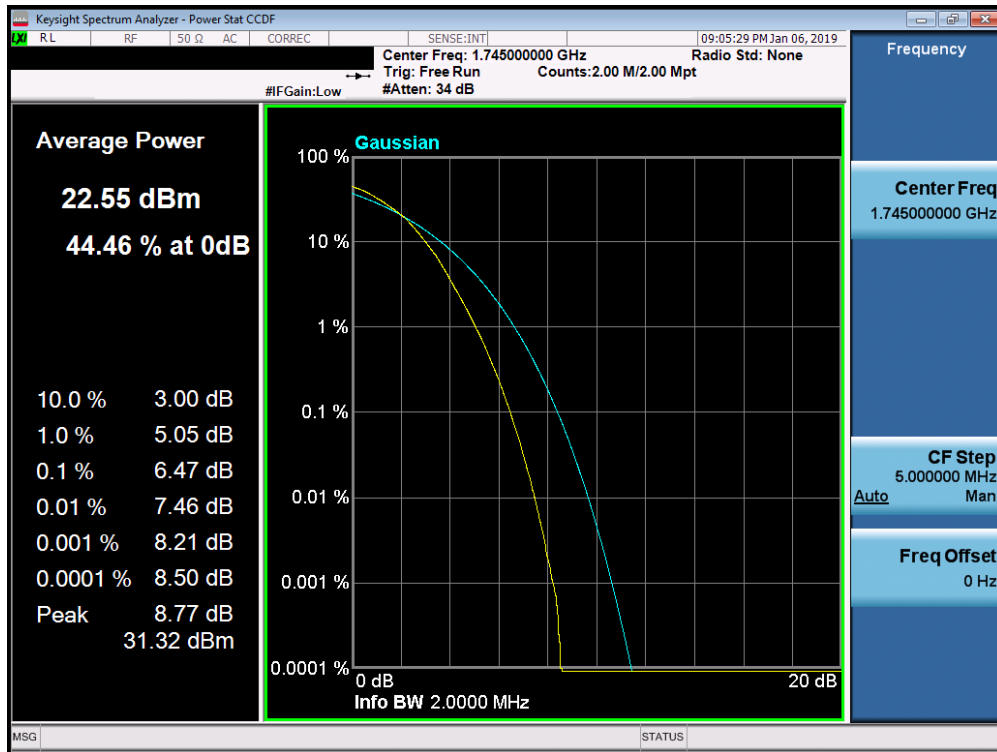


Plot 7-372. PAR Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

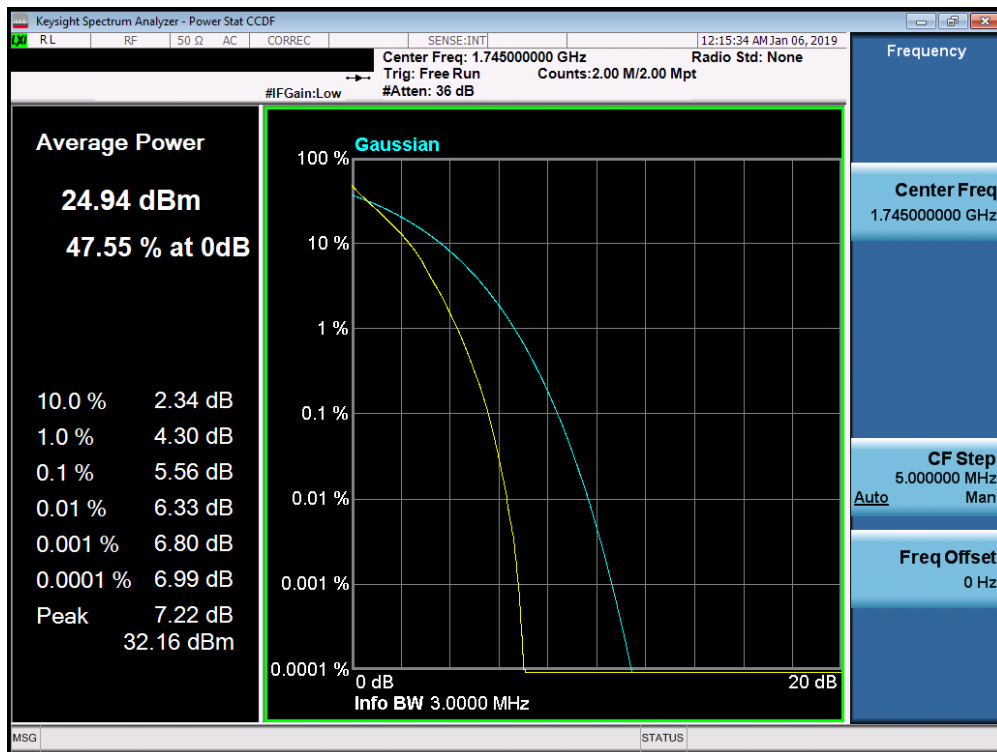


Plot 7-373. PAR Plot (Band 66 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 217 of 363

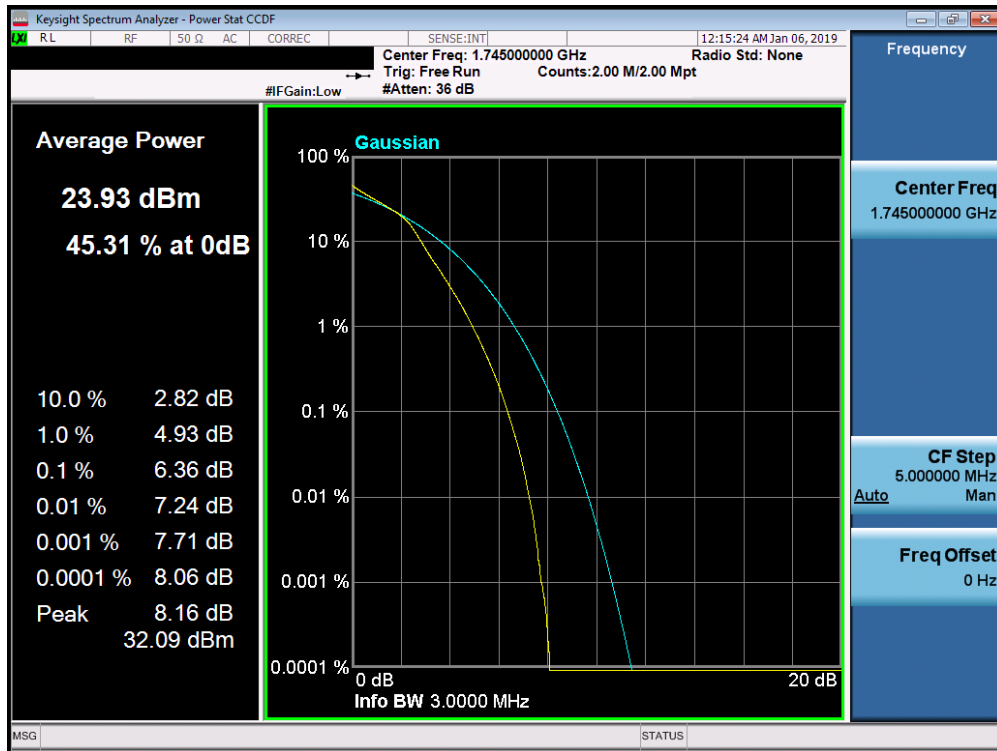


Plot 7-374. PAR Plot (Band 66 - 1.4MHz 64-QAM - Full RB Configuration)

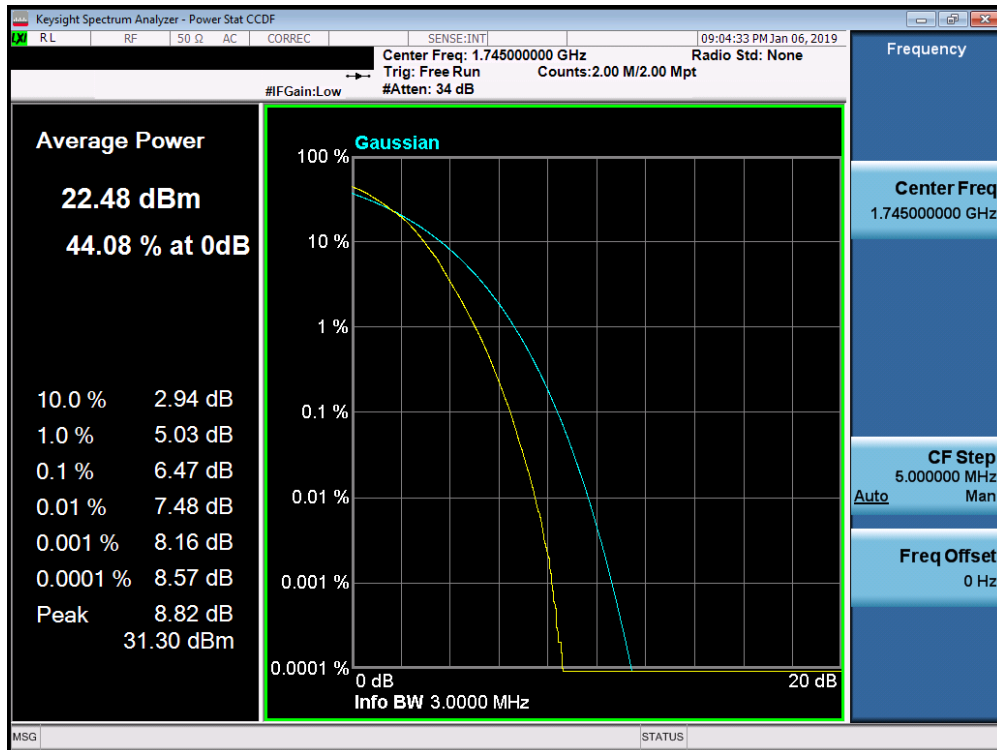


Plot 7-375. PAR Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 218 of 363

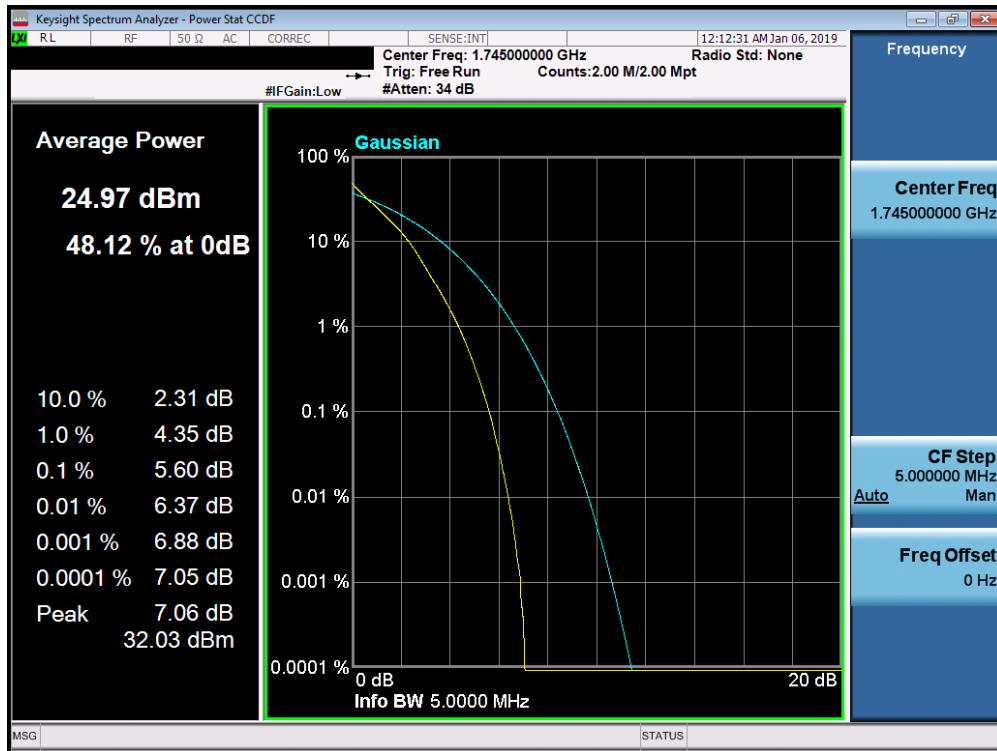


Plot 7-376. PAR Plot (Band 66 - 3.0MHz 16-QAM - Full RB Configuration)

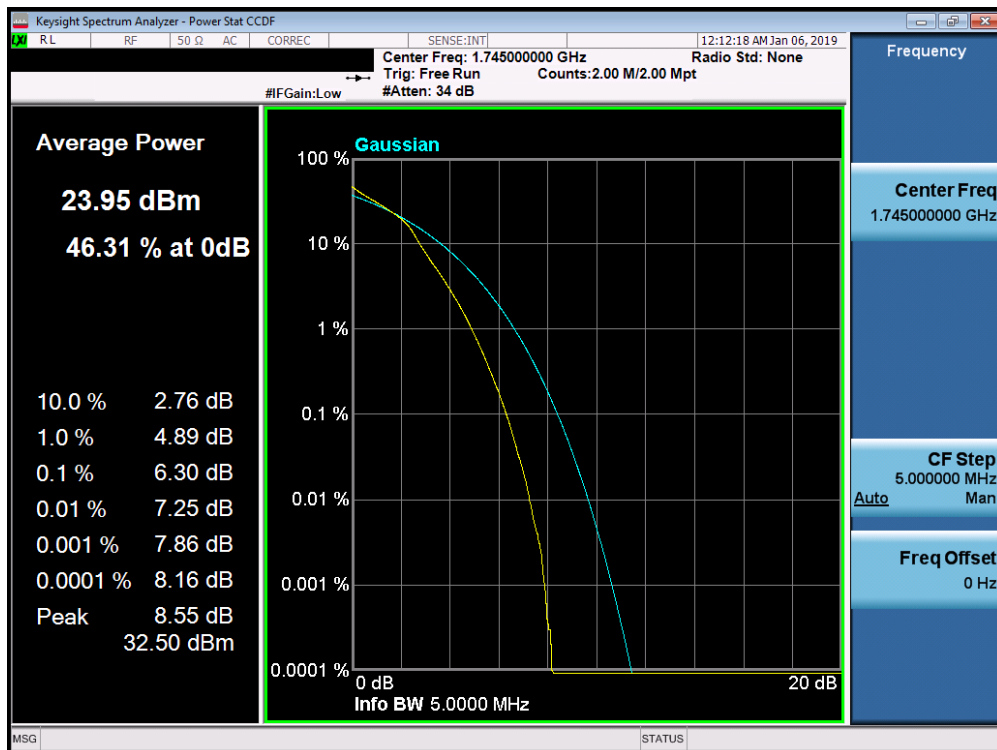


Plot 7-377. PAR Plot (Band 66 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 219 of 363

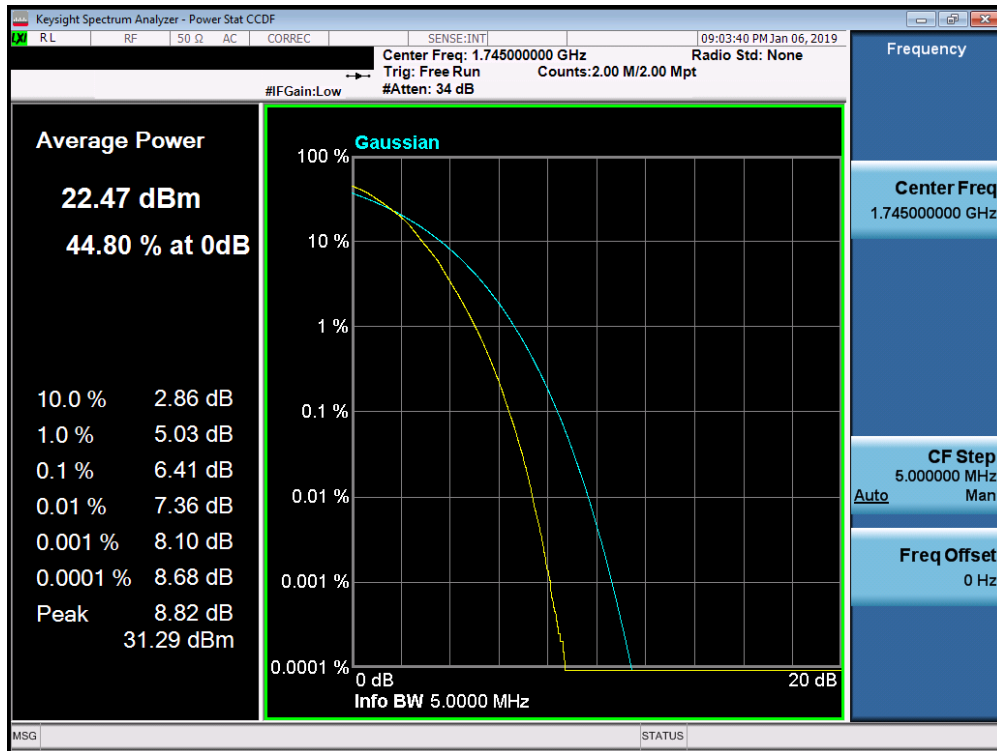


Plot 7-378. PAR Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

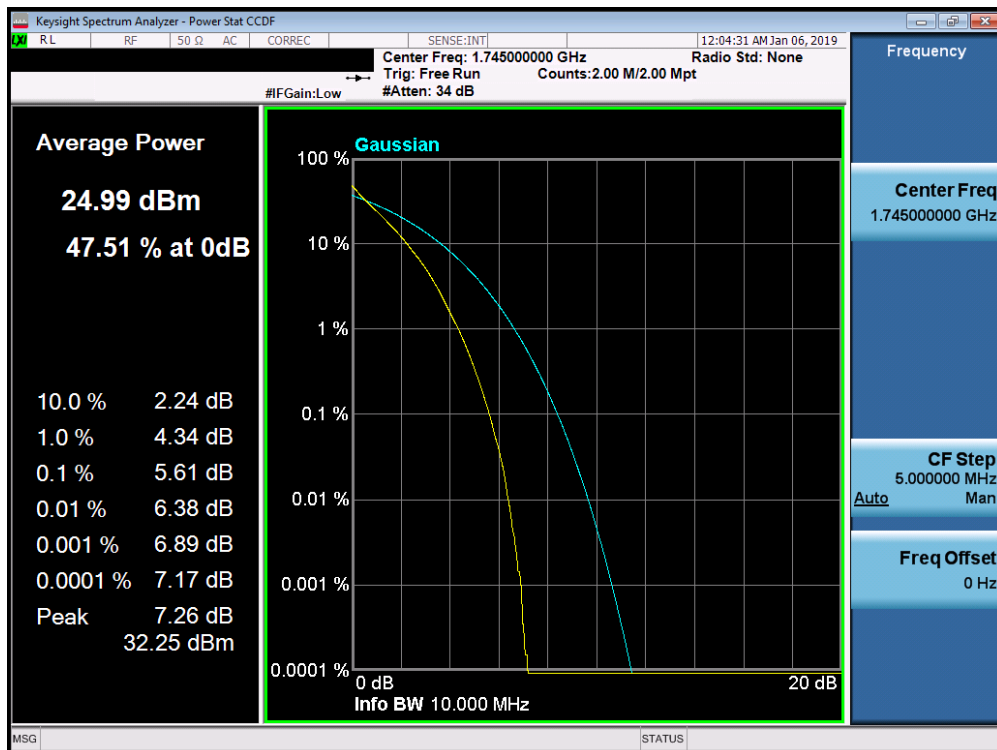


Plot 7-379. PAR Plot (Band 66 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 220 of 363

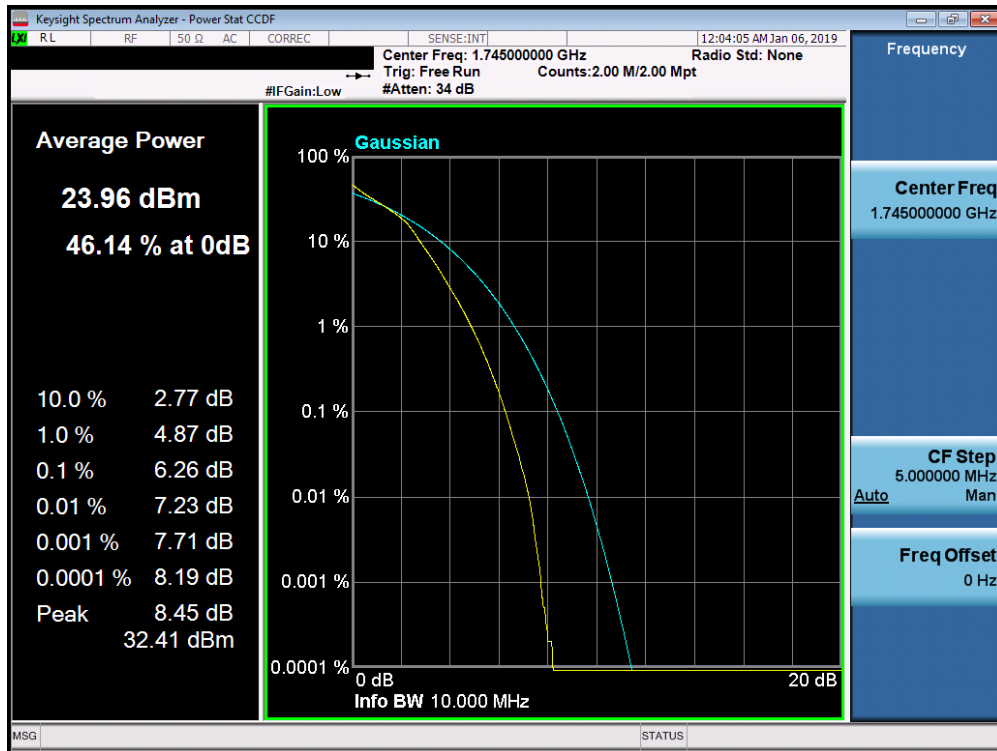


Plot 7-380. PAR Plot (Band 66 - 5.0MHz 64-QAM - Full RB Configuration)

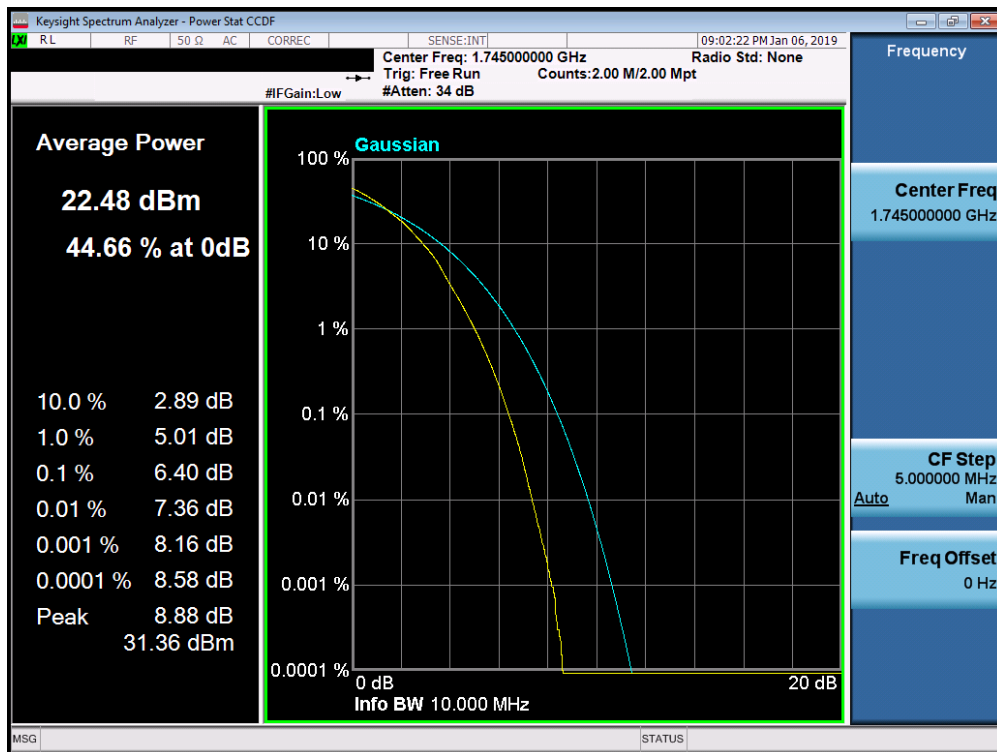


Plot 7-381. PAR Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 221 of 363

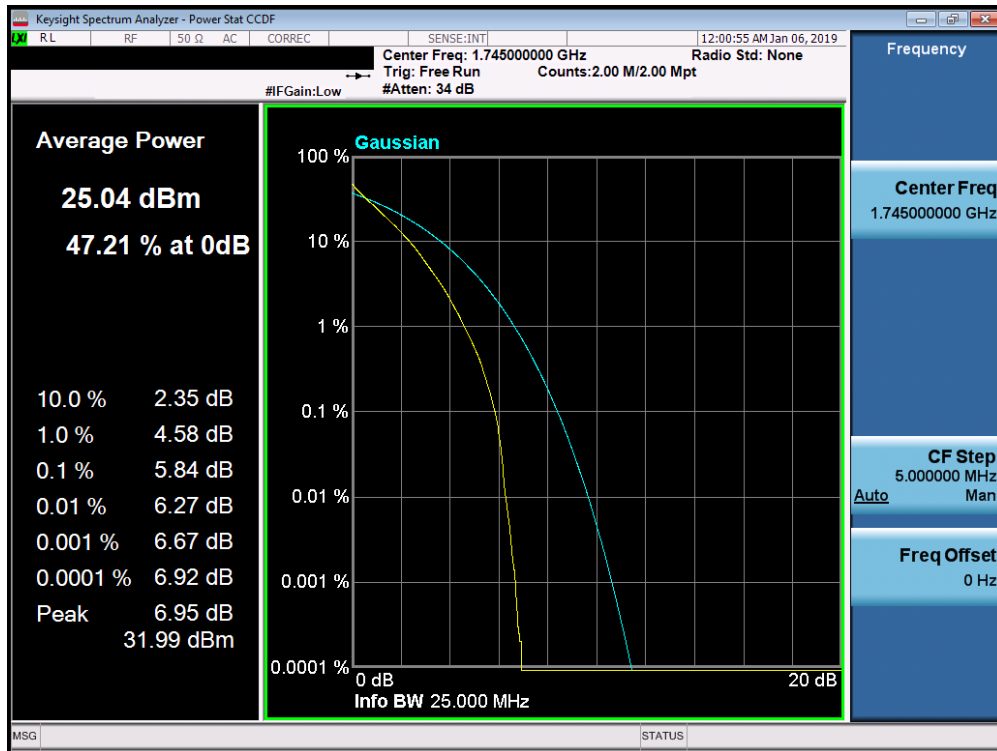


Plot 7-382. PAR Plot (Band 66 - 10.0MHz 16-QAM - Full RB Configuration)

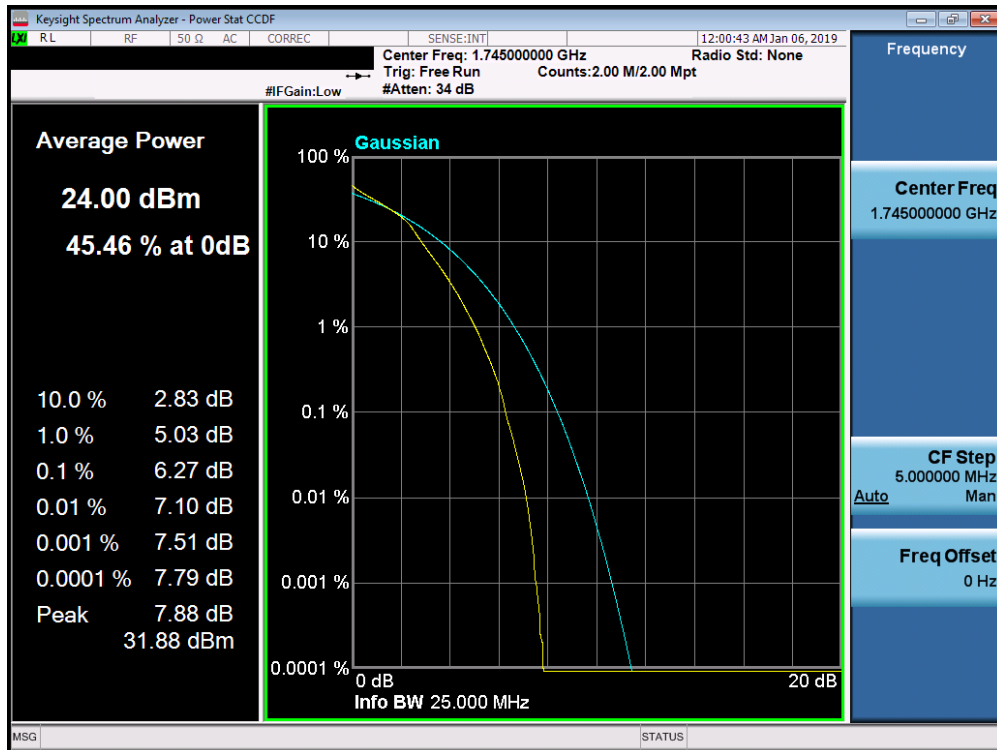


Plot 7-383. PAR Plot (Band 66 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 222 of 363

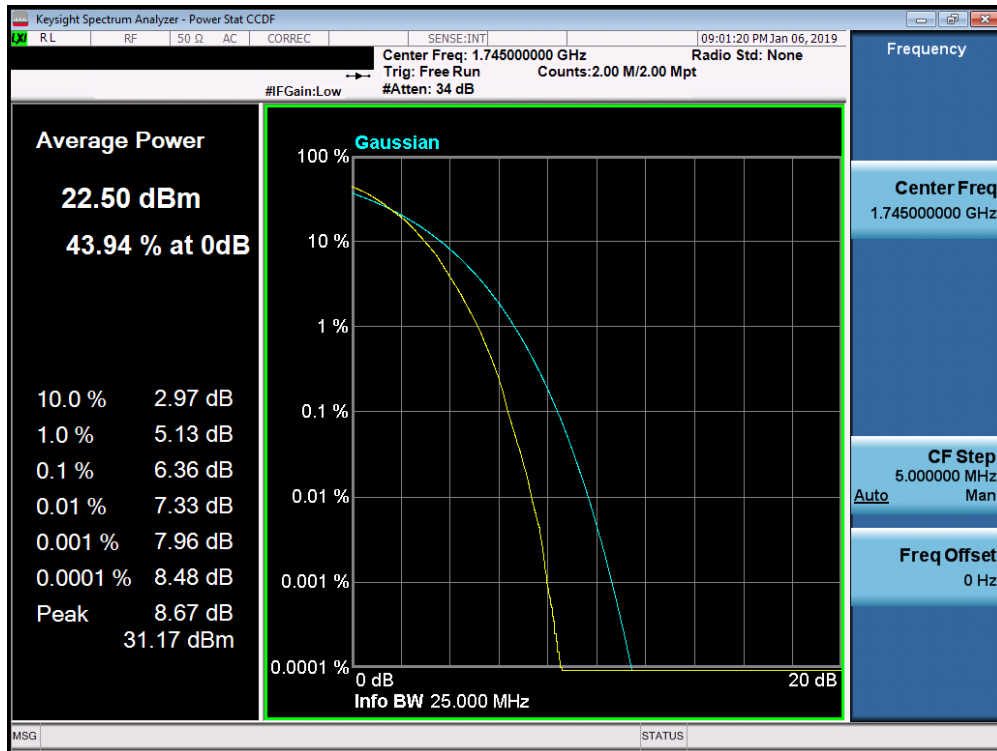


Plot 7-384. PAR Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

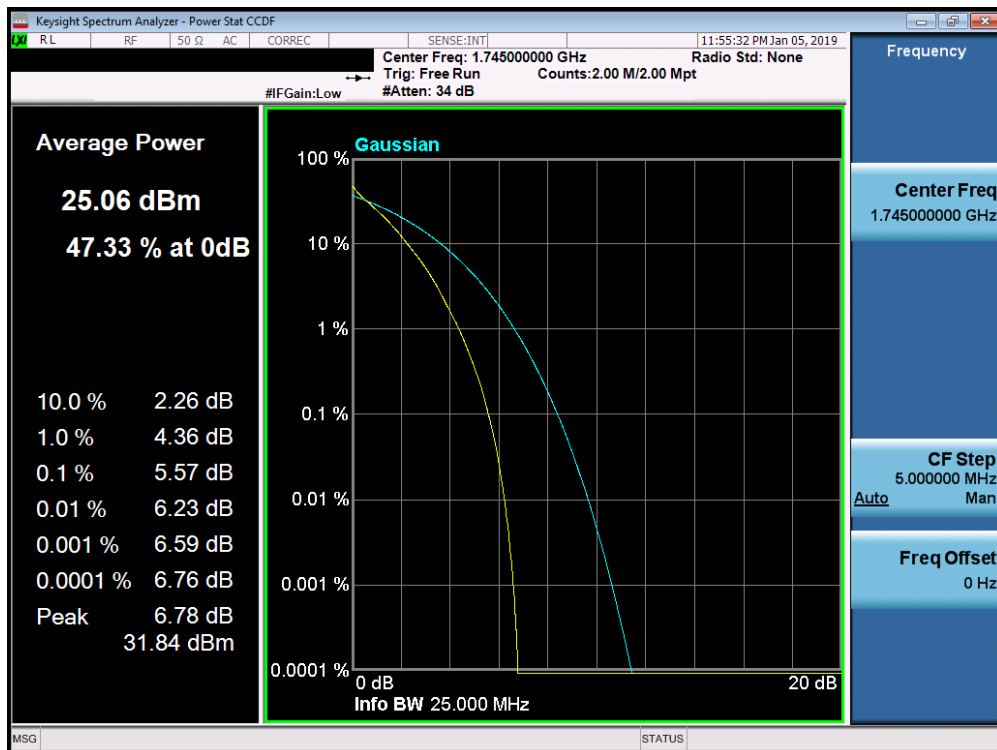


Plot 7-385. PAR Plot (Band 66 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 223 of 363

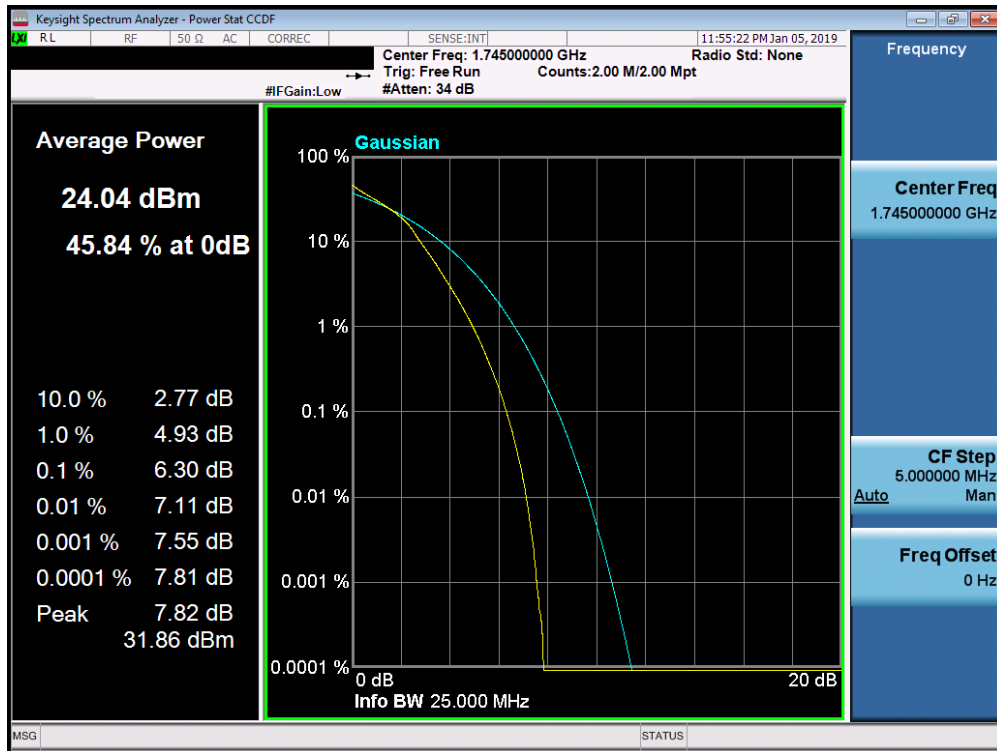


Plot 7-386. PAR Plot (Band 66 - 15.0MHz 64-QAM - Full RB Configuration)

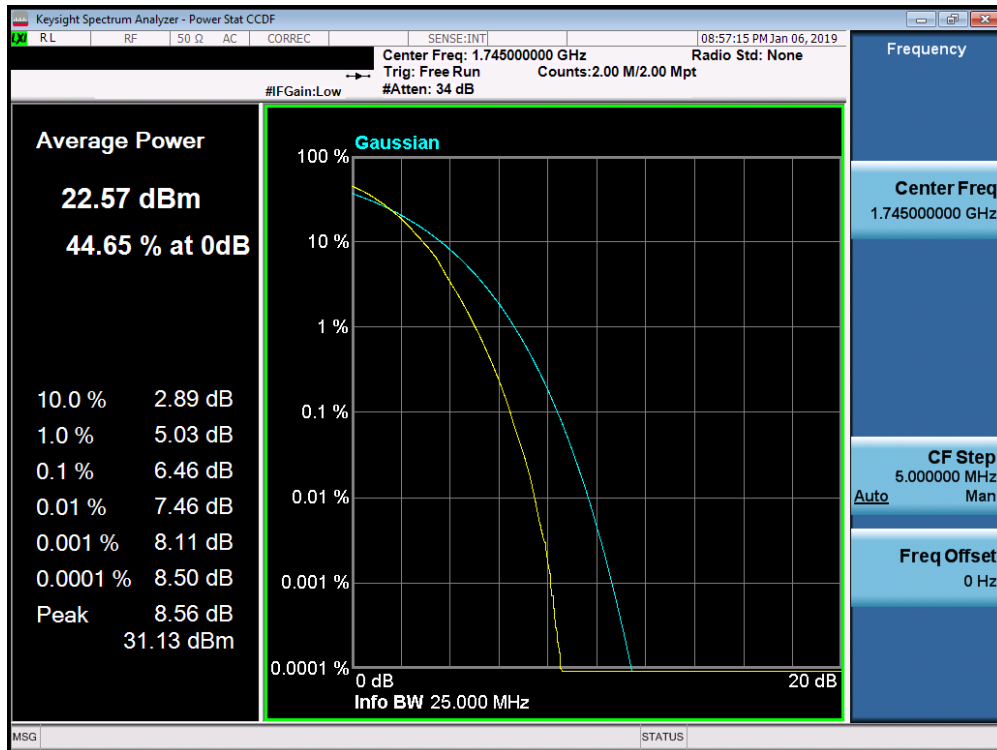


Plot 7-387. PAR Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 224 of 363



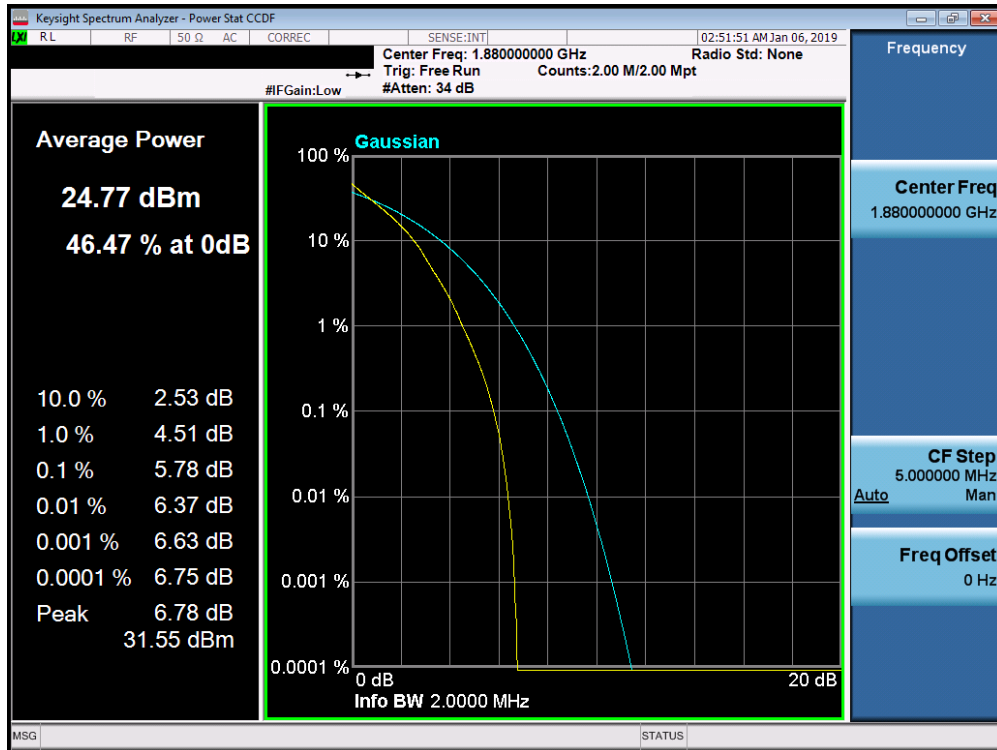
Plot 7-388. PAR Plot (Band 66 - 20.0MHz 16-QAM - Full RB Configuration)



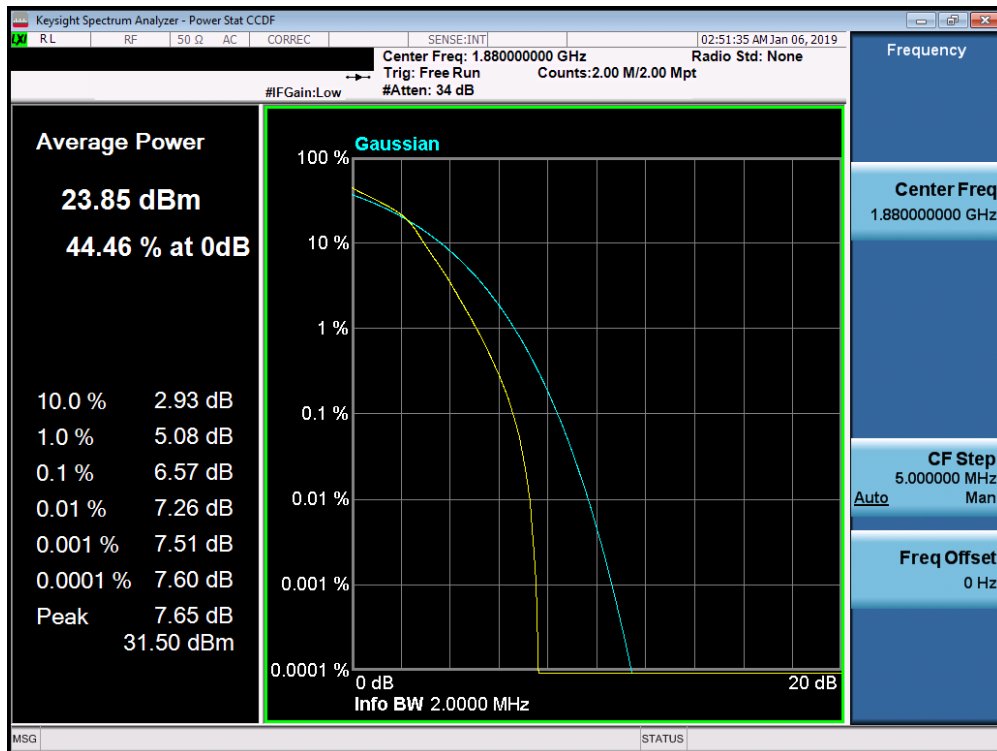
Plot 7-389. PAR Plot (Band 66 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 225 of 363

Band 2

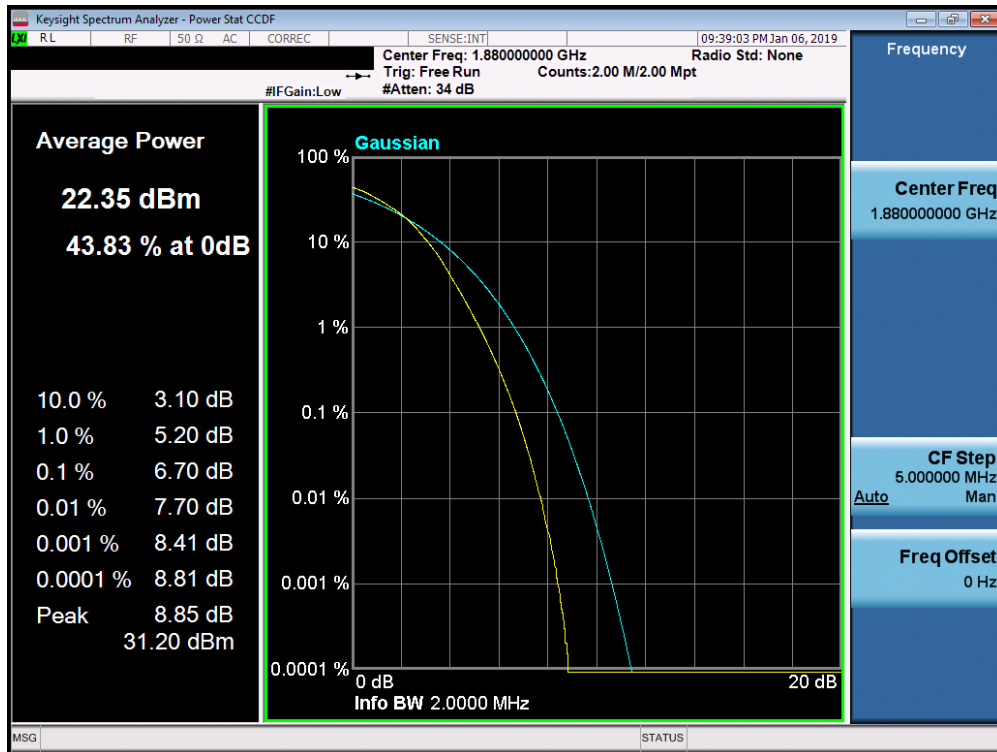


Plot 7-390. PAR Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

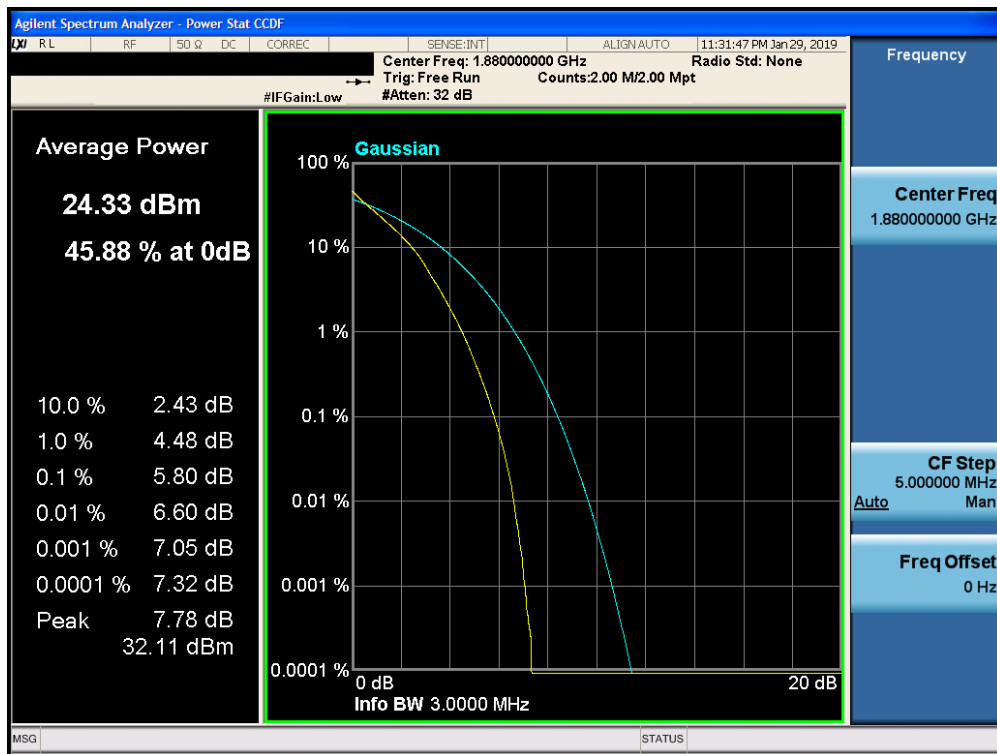


Plot 7-391. PAR Plot (Band 2 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 226 of 363

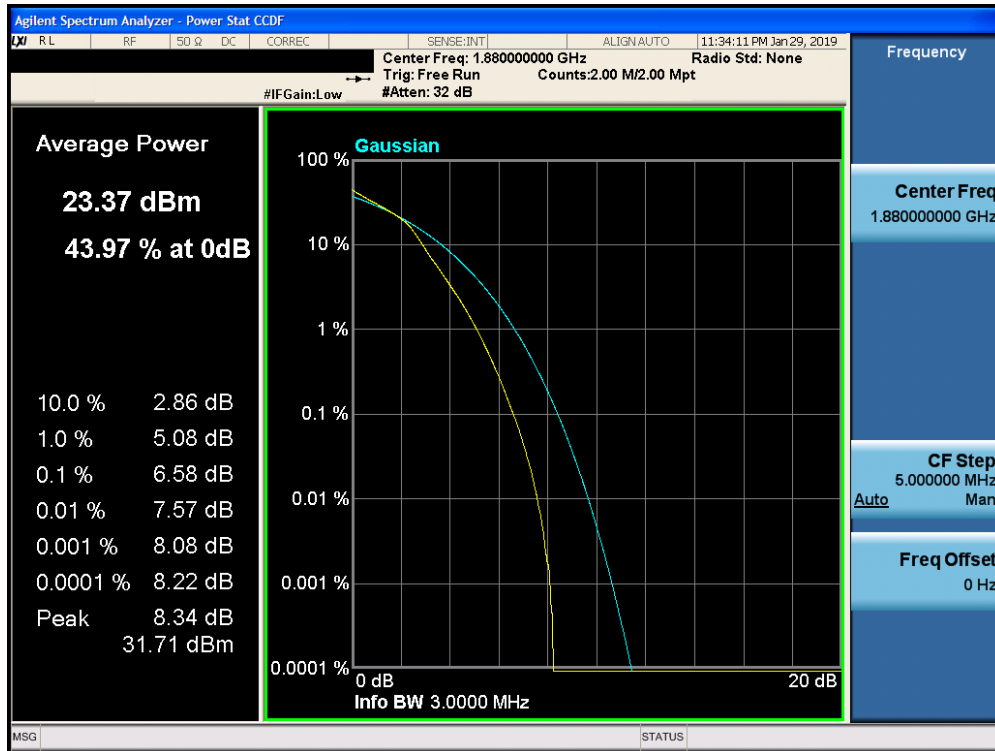


Plot 7-392. PAR Plot (Band 2 - 1.4MHz 64-QAM - Full RB Configuration)

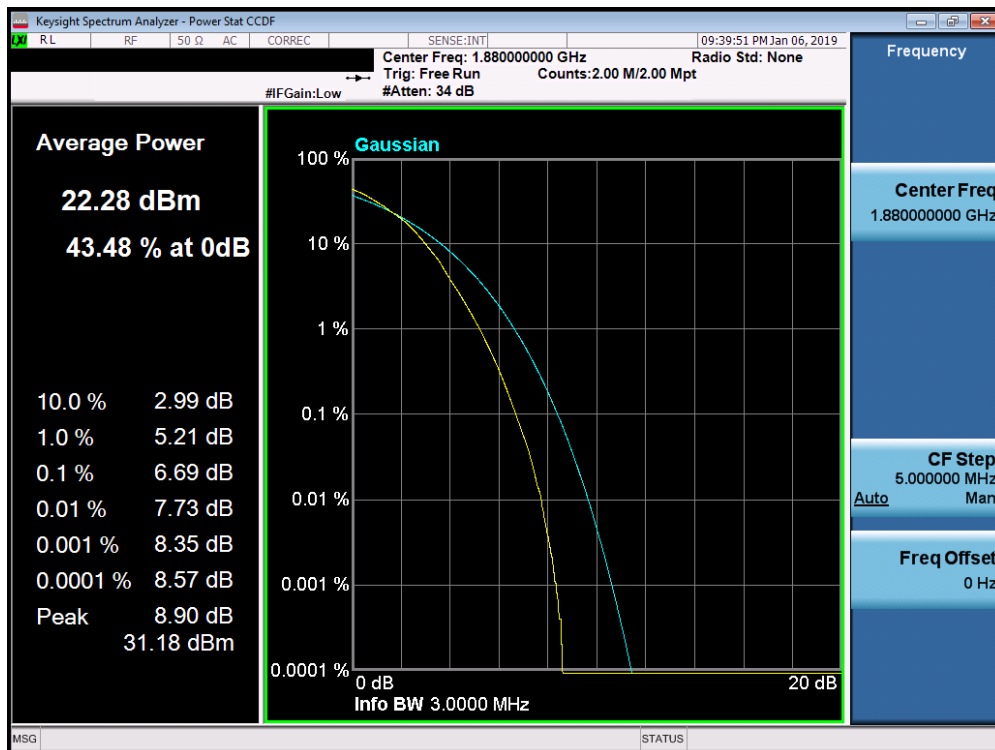


Plot 7-393. PAR Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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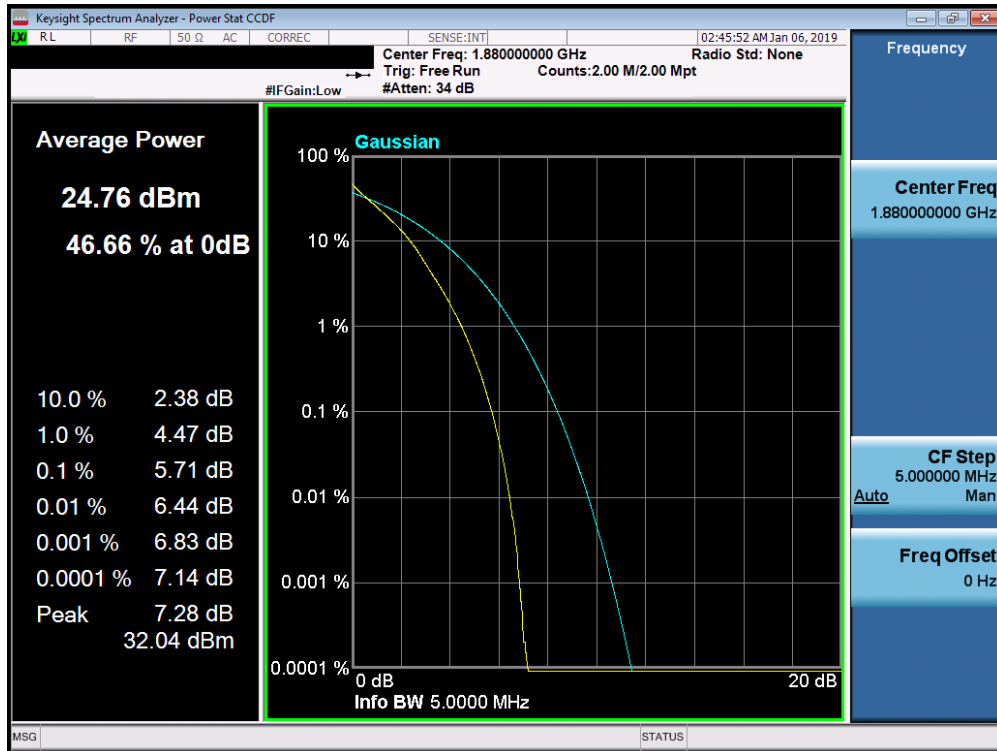


Plot 7-394. PAR Plot (Band 2 - 3.0MHz 16-QAM - Full RB Configuration)

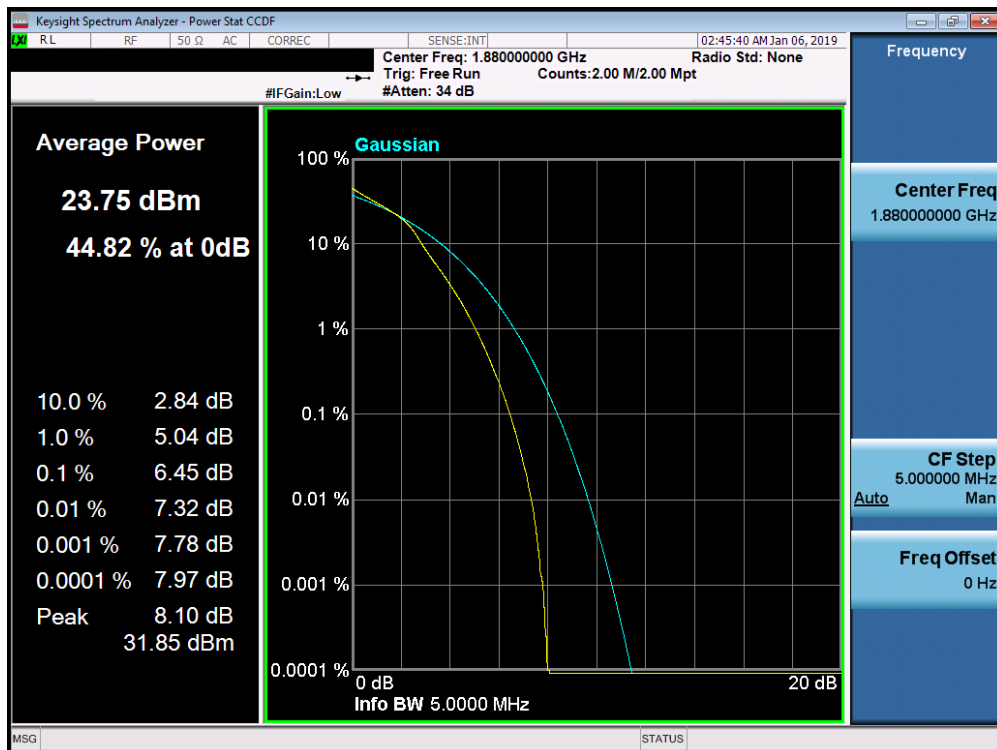


Plot 7-395. PAR Plot (Band 2 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 228 of 363

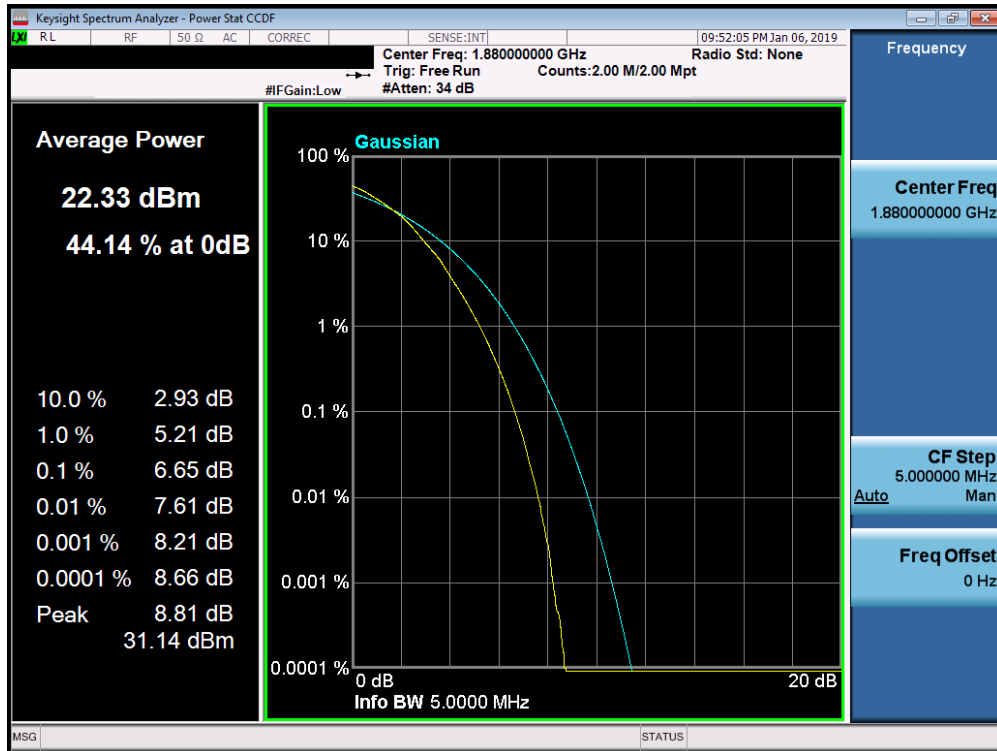


Plot 7-396. PAR Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

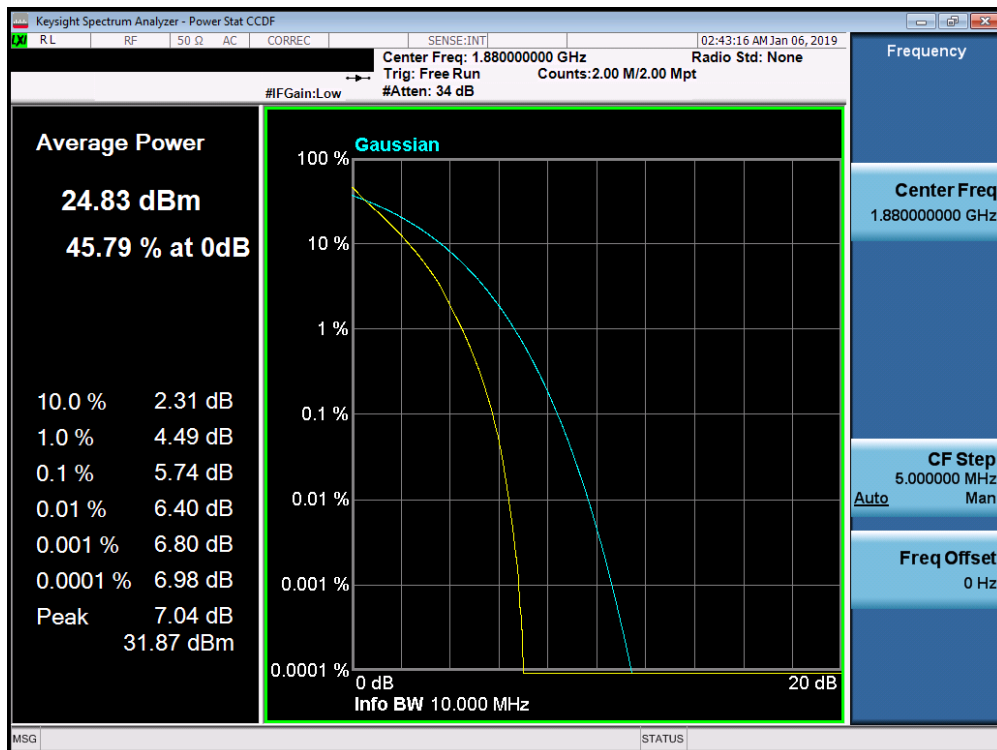


Plot 7-397. PAR Plot (Band 2 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 229 of 363

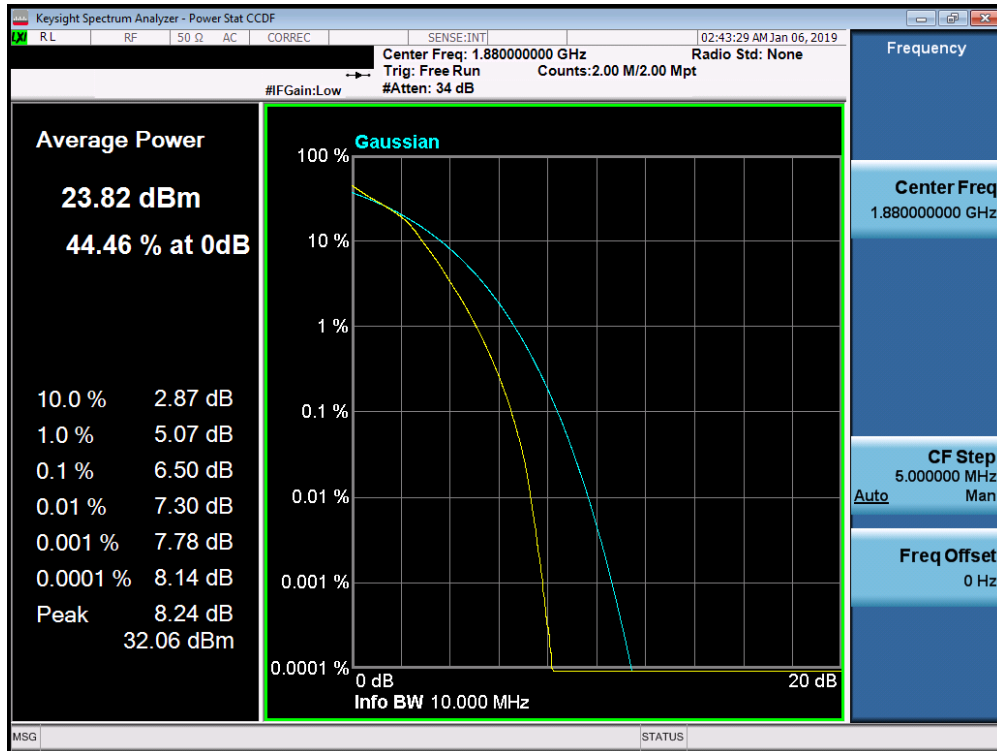


Plot 7-398. PAR Plot (Band 2 - 5.0MHz 64-QAM - Full RB Configuration)

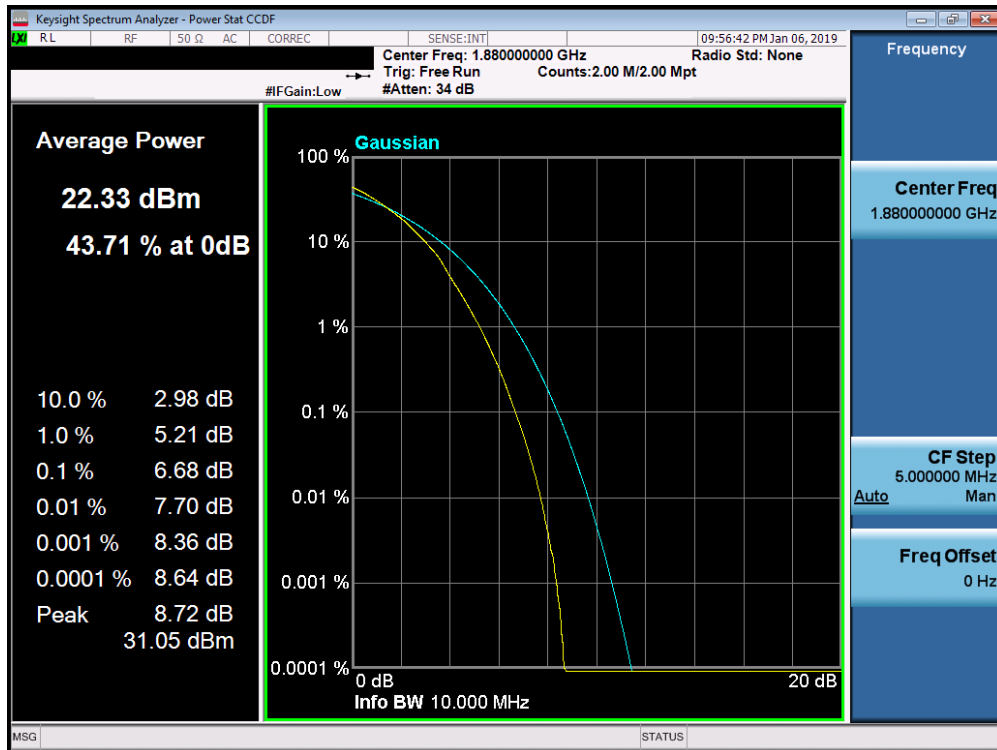


Plot 7-399. PAR Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 230 of 363

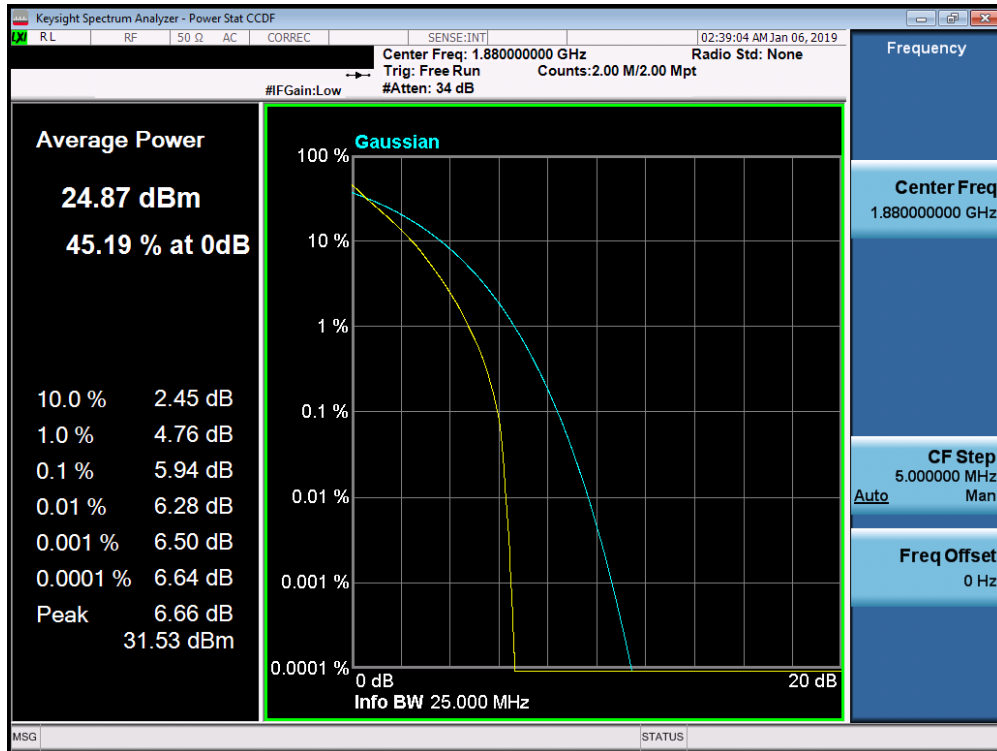


Plot 7-400. PAR Plot (Band 2 - 10.0MHz 16-QAM - Full RB Configuration)

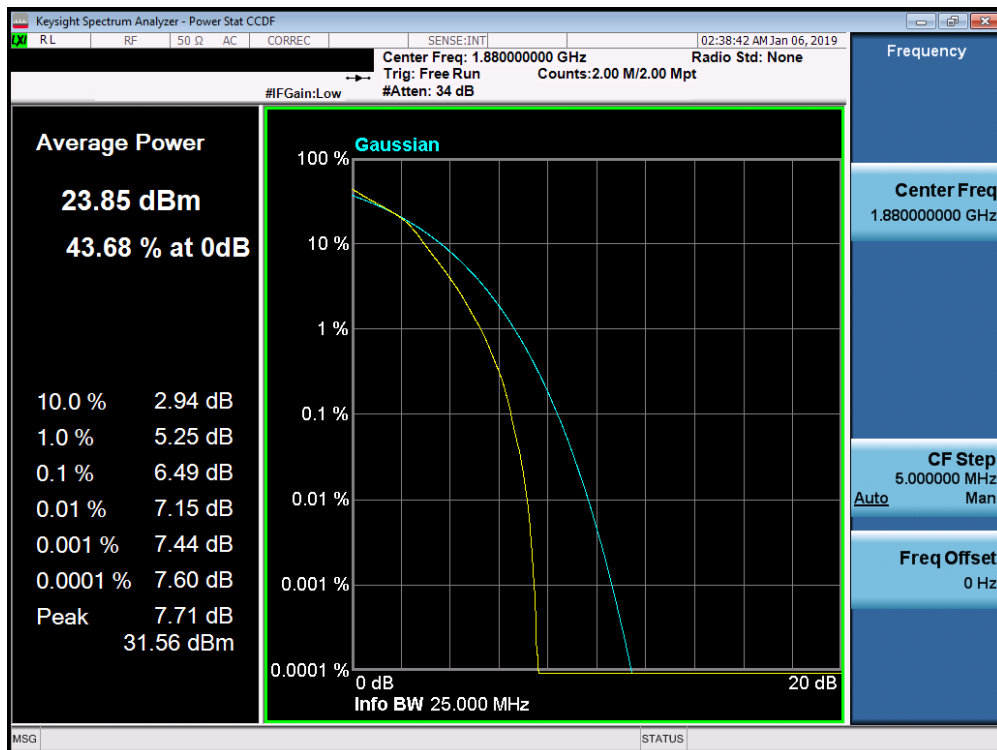


Plot 7-401. PAR Plot (Band 2 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 231 of 363

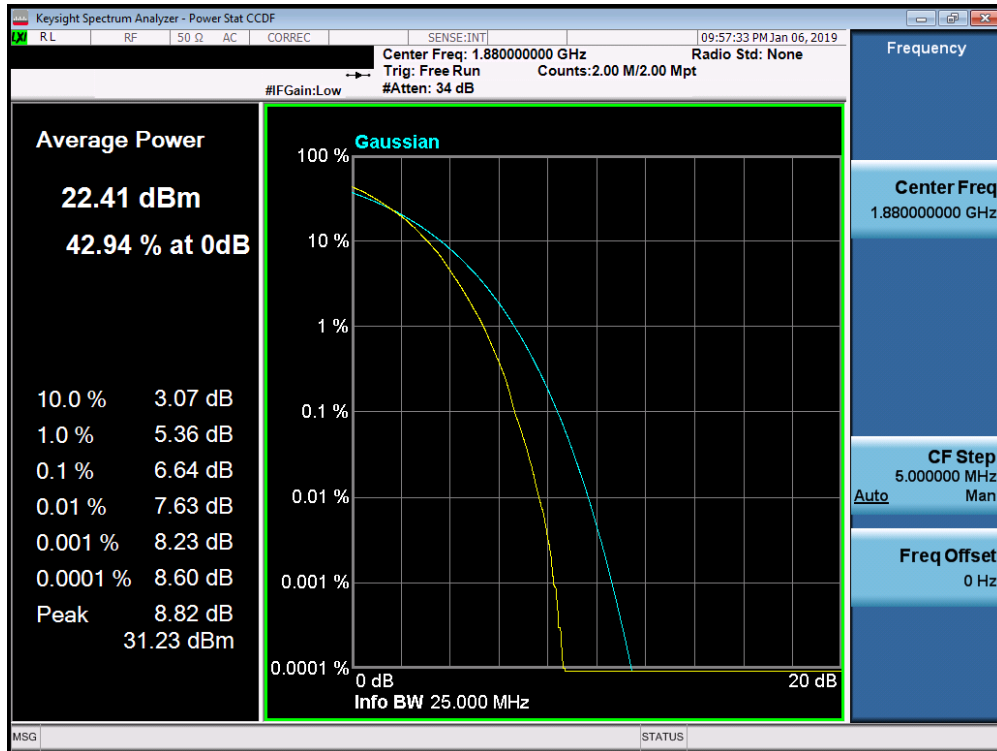


Plot 7-402. PAR Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

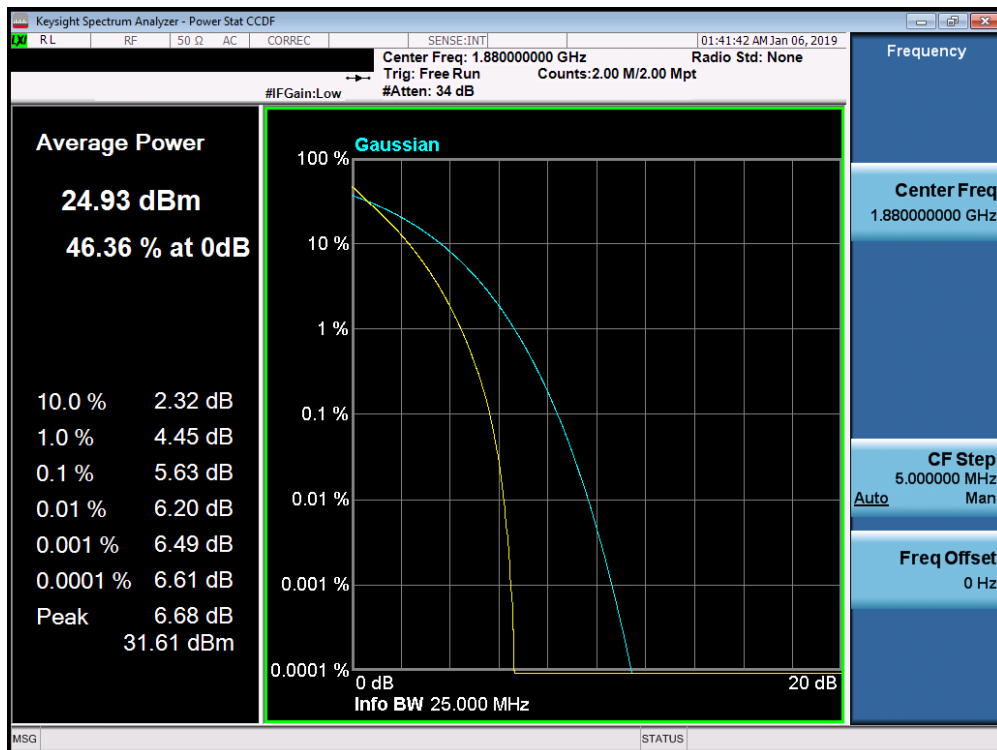


Plot 7-403. PAR Plot (Band 2 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 232 of 363

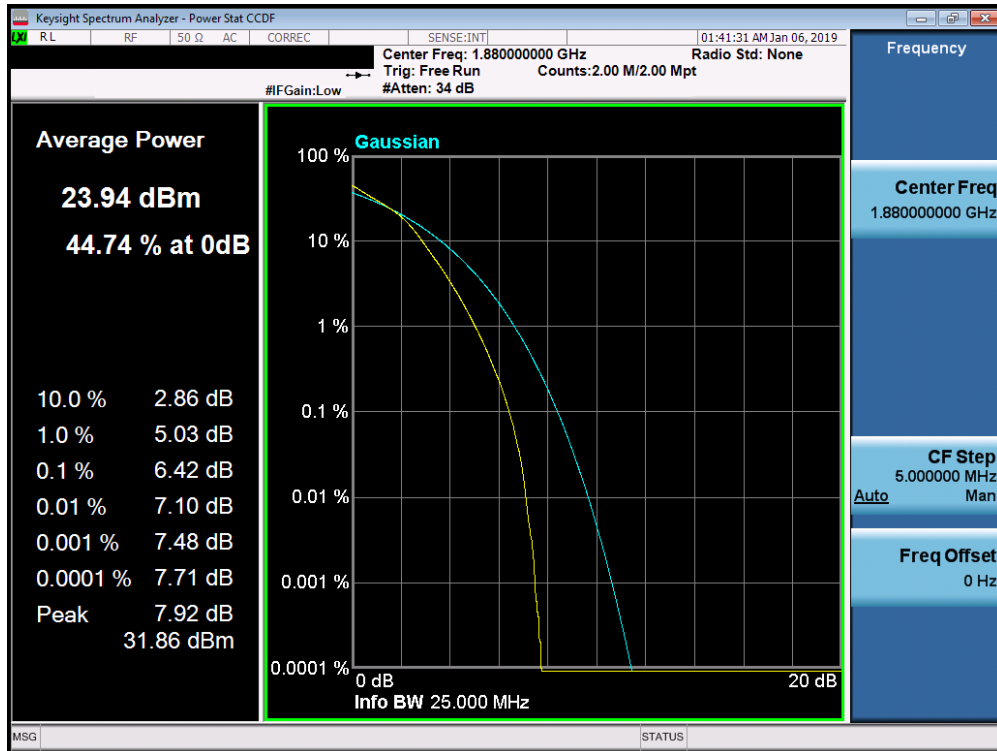


Plot 7-404. PAR Plot (Band 2 - 15.0MHz 64-QAM - Full RB Configuration)

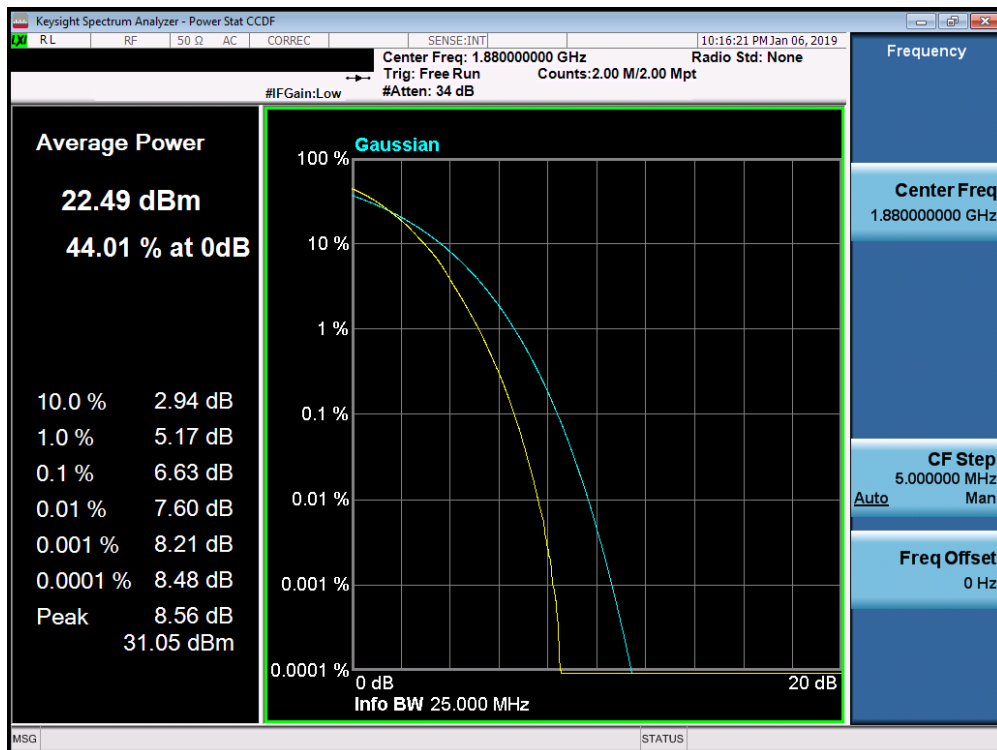


Plot 7-405. PAR Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 233 of 363



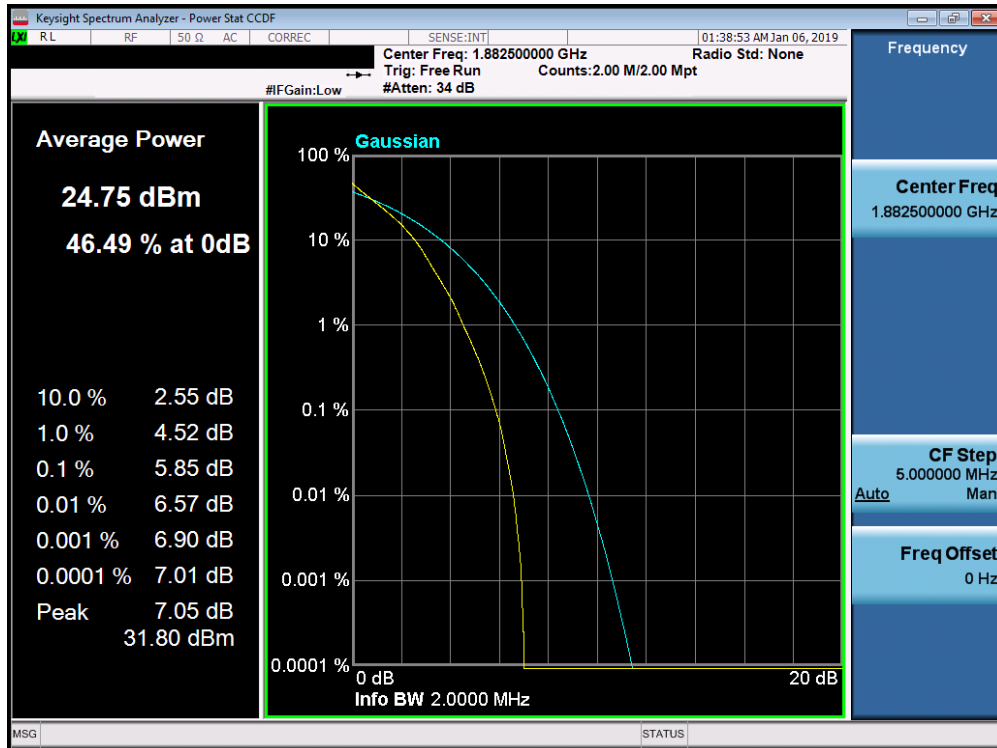
Plot 7-406. PAR Plot (Band 2 - 20.0MHz 16-QAM - Full RB Configuration)



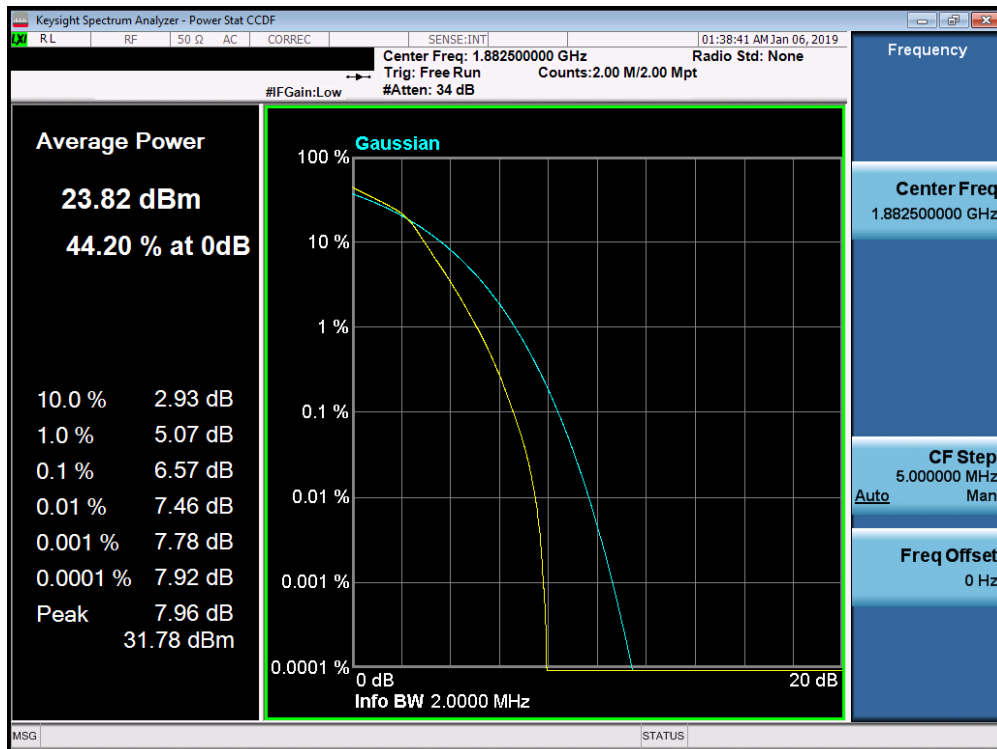
Plot 7-407. PAR Plot (Band 2 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 234 of 363

Band 25

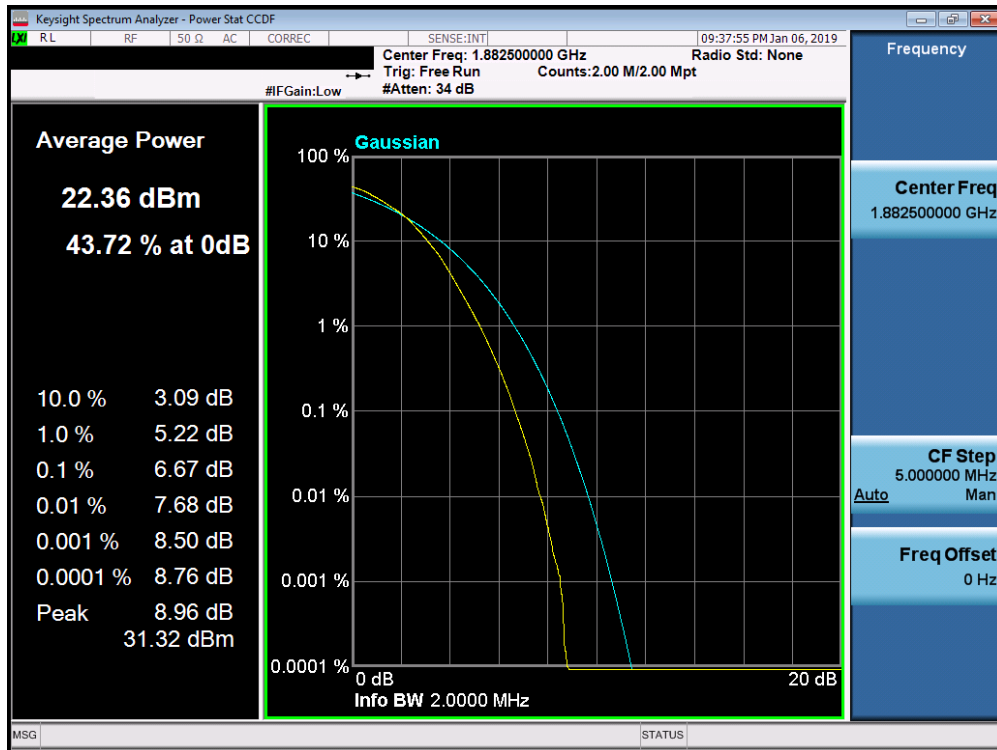


Plot 7-408. PAR Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

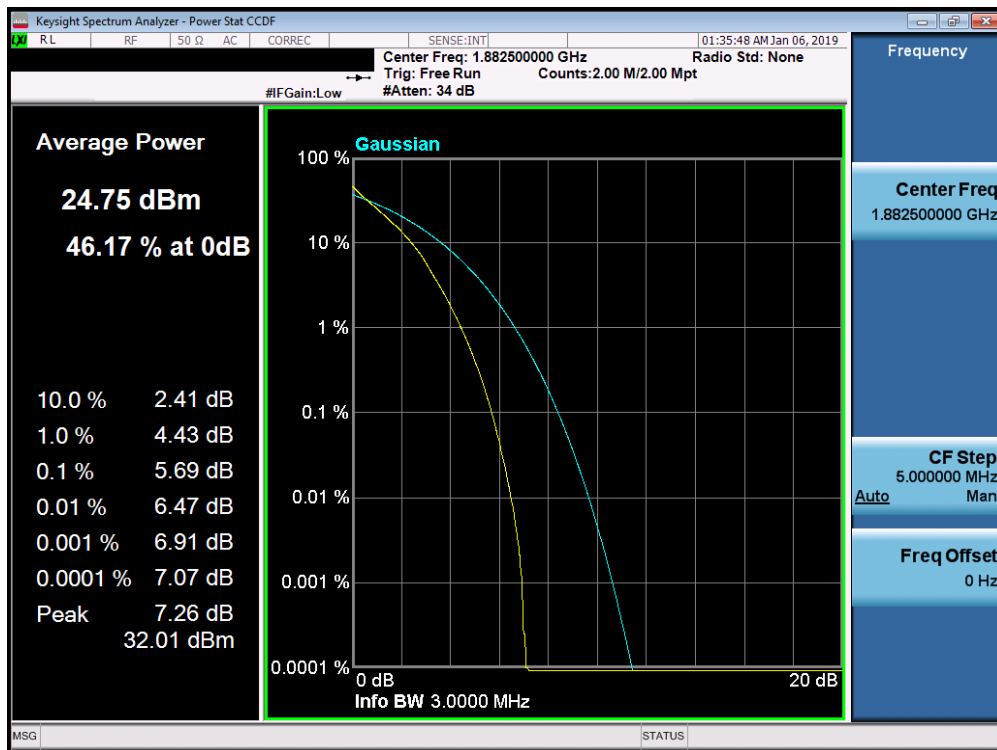


Plot 7-409. PAR Plot (Band 25 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 235 of 363

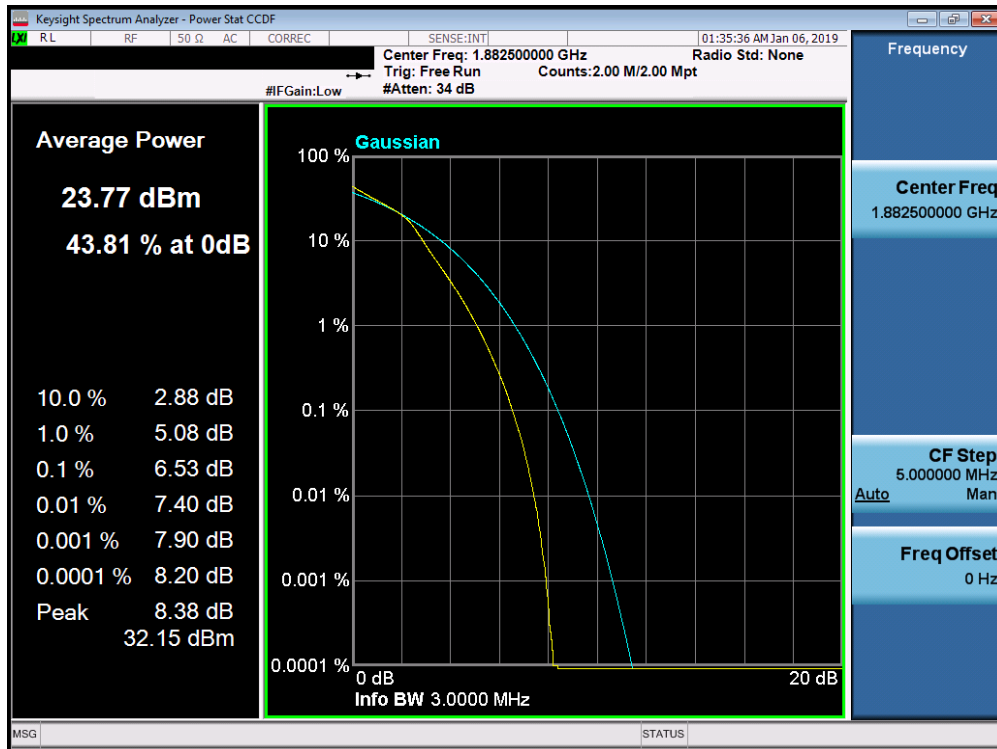


Plot 7-410. PAR Plot (Band 25 - 1.4MHz 64-QAM - Full RB Configuration)

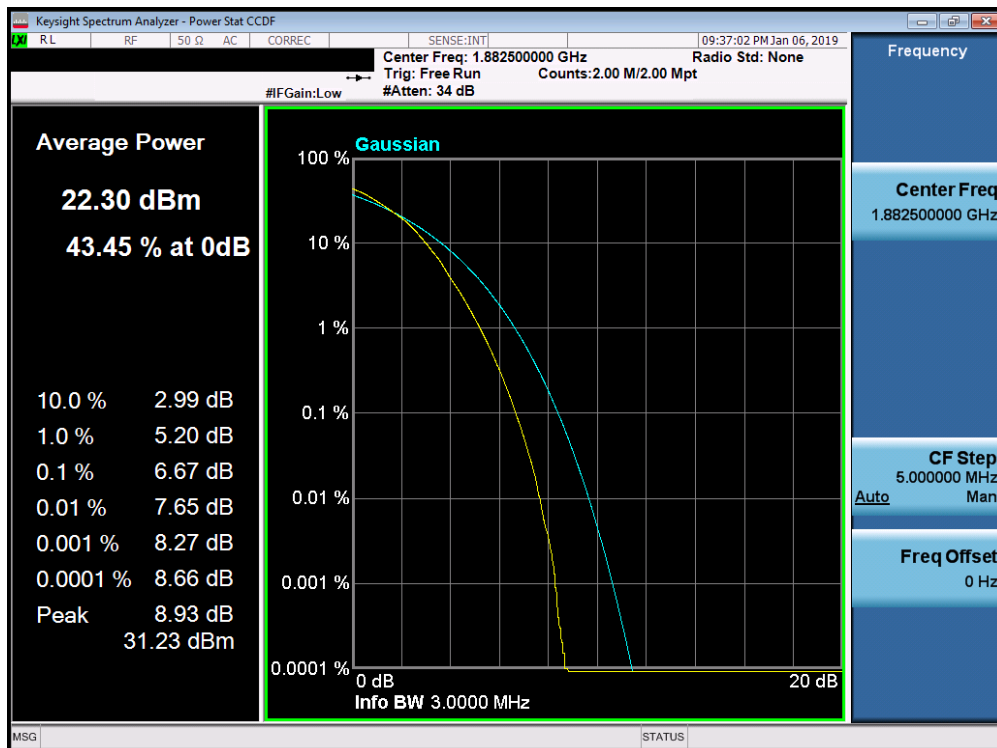


Plot 7-411. PAR Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 236 of 363

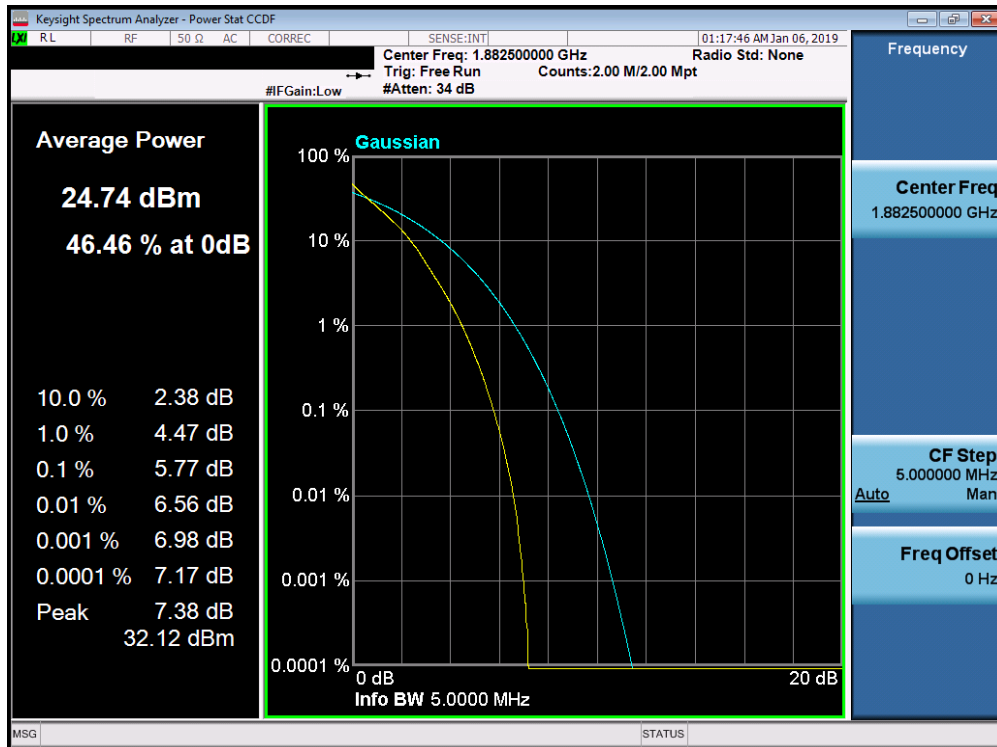


Plot 7-412. PAR Plot (Band 25 - 3.0MHz 16-QAM - Full RB Configuration)

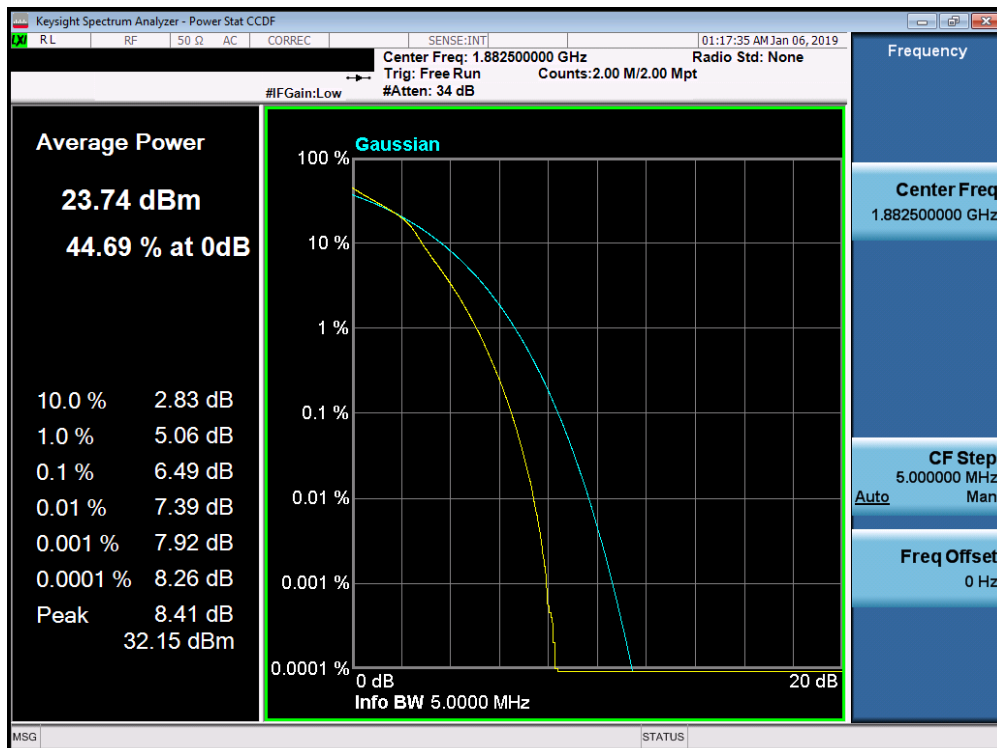


Plot 7-413. PAR Plot (Band 25 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 237 of 363

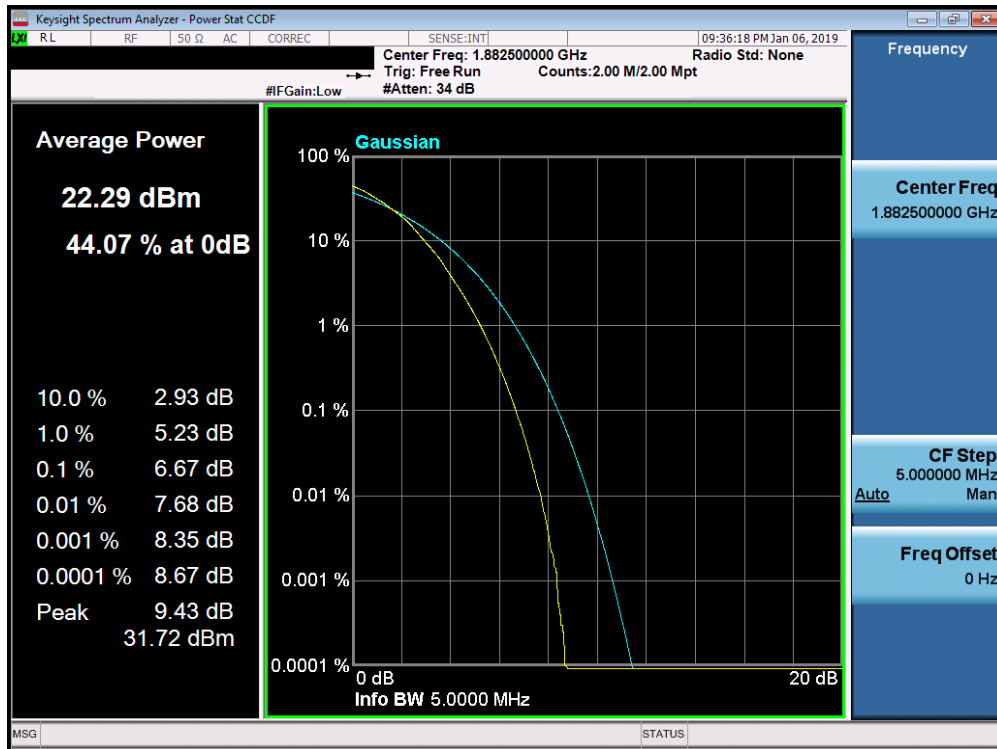


Plot 7-414. PAR Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

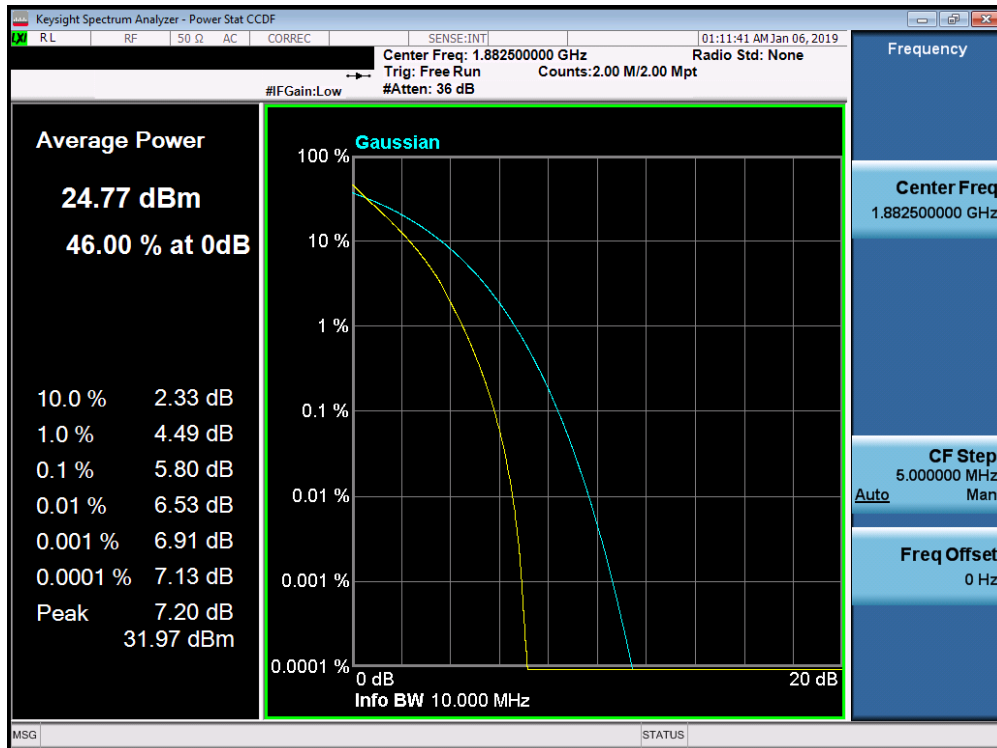


Plot 7-415. PAR Plot (Band 25 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 238 of 363

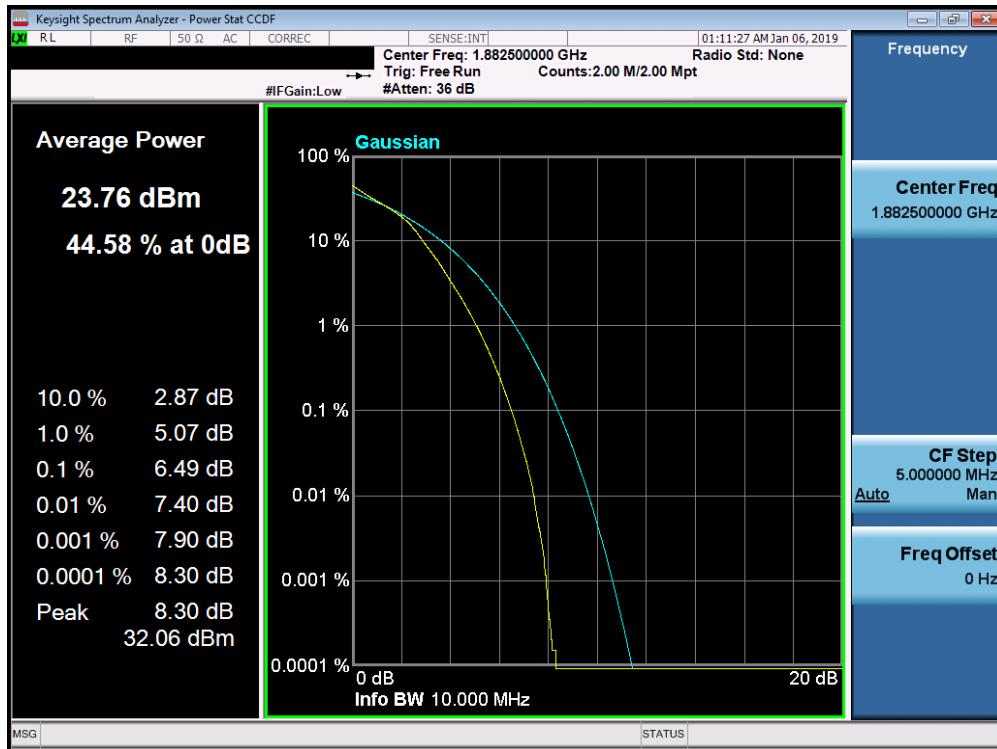


Plot 7-416. PAR Plot (Band 25 - 5.0MHz 64-QAM - Full RB Configuration)

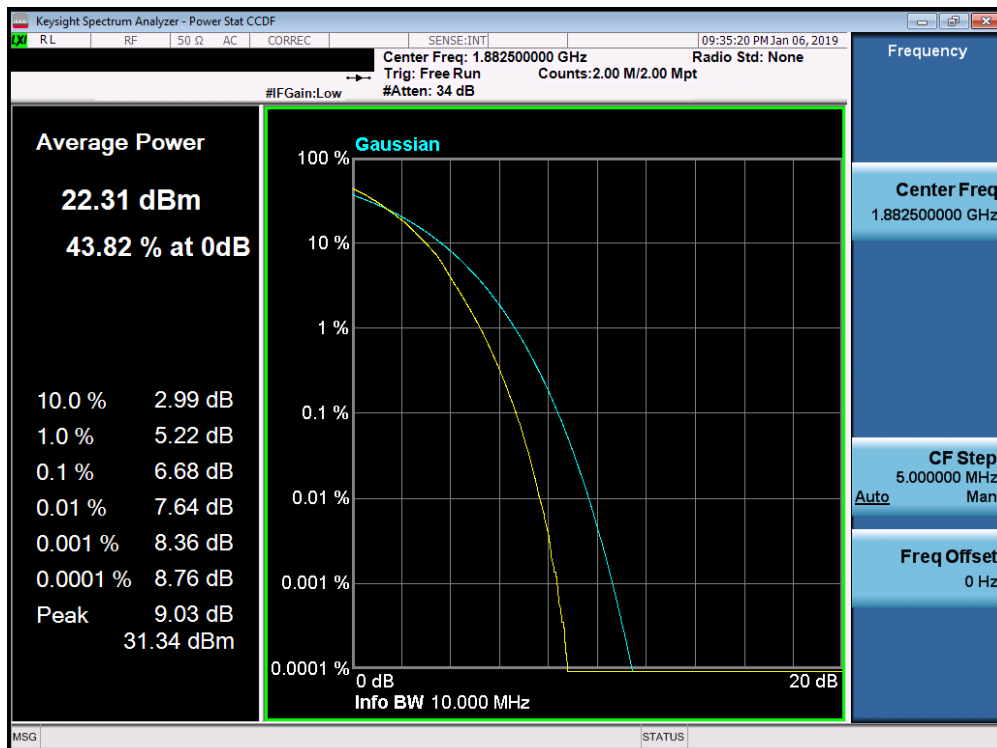


Plot 7-417. PAR Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 239 of 363

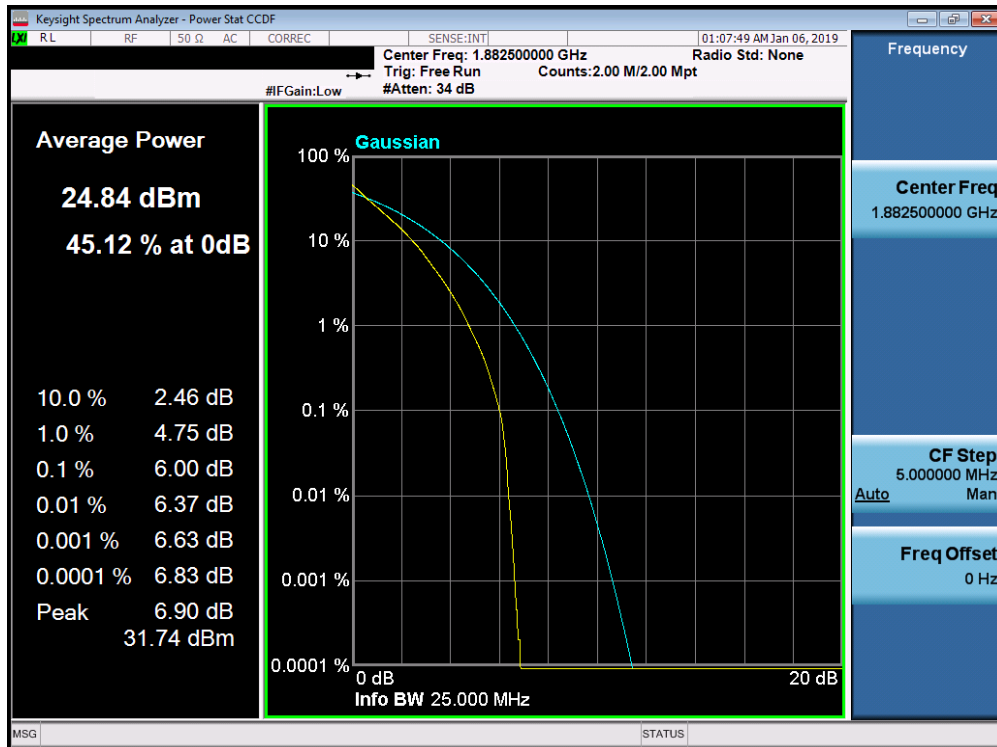


Plot 7-418. PAR Plot (Band 25 - 10.0MHz 16-QAM - Full RB Configuration)

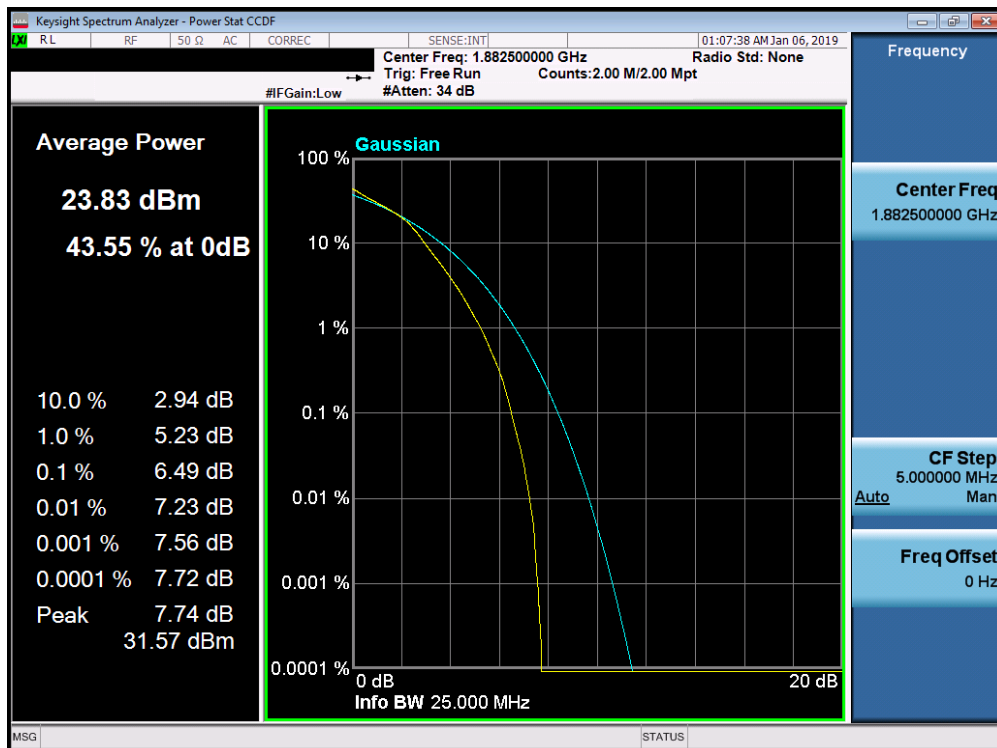


Plot 7-419. PAR Plot (Band 25 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 240 of 363

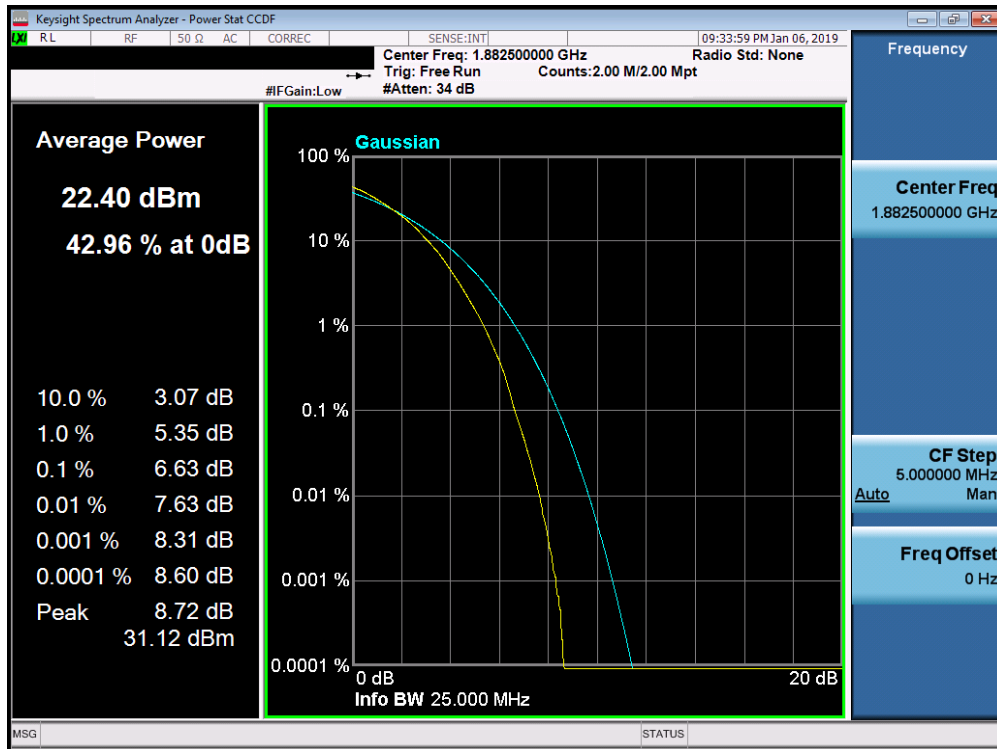


Plot 7-420. PAR Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

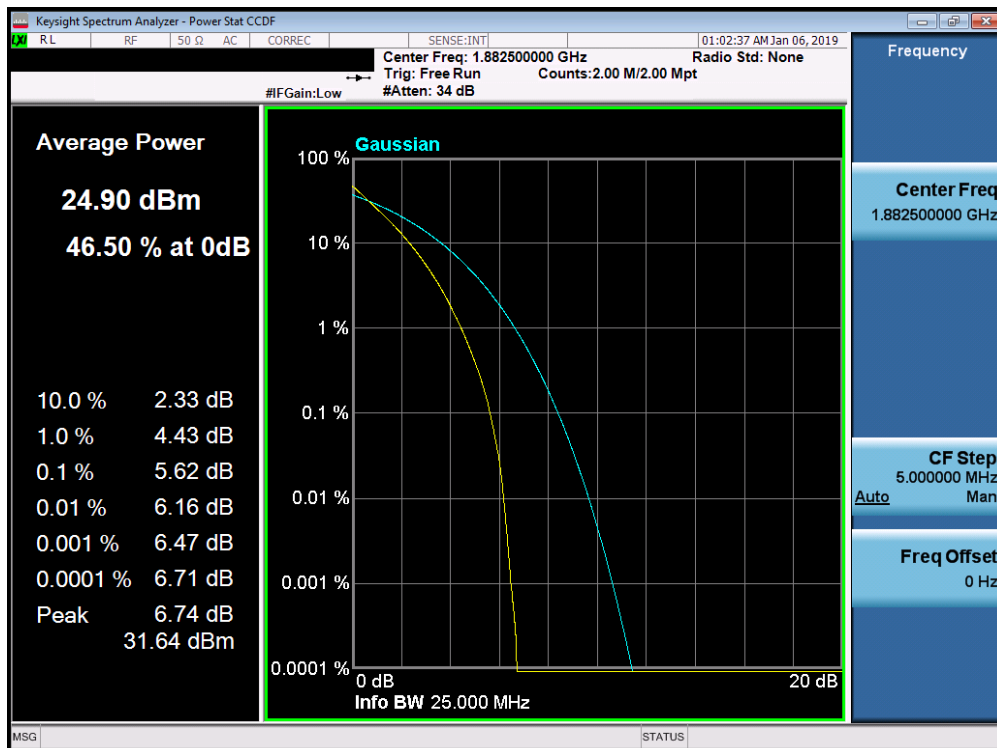


Plot 7-421. PAR Plot (Band 25 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 241 of 363

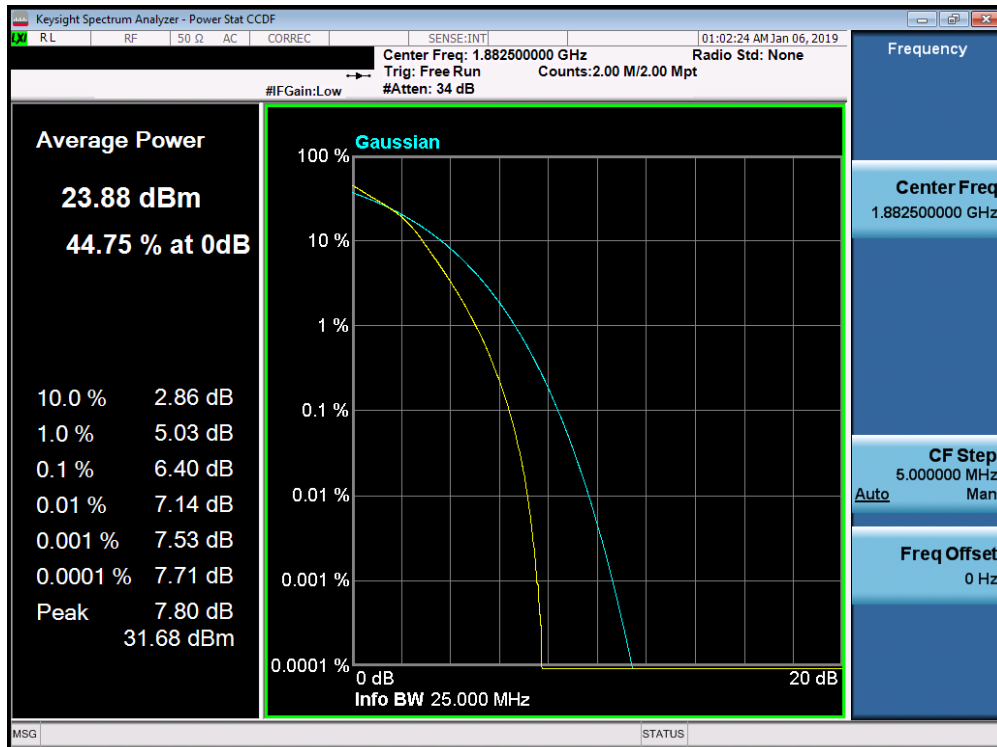


Plot 7-422. PAR Plot (Band 25 - 15.0MHz 64-QAM - Full RB Configuration)

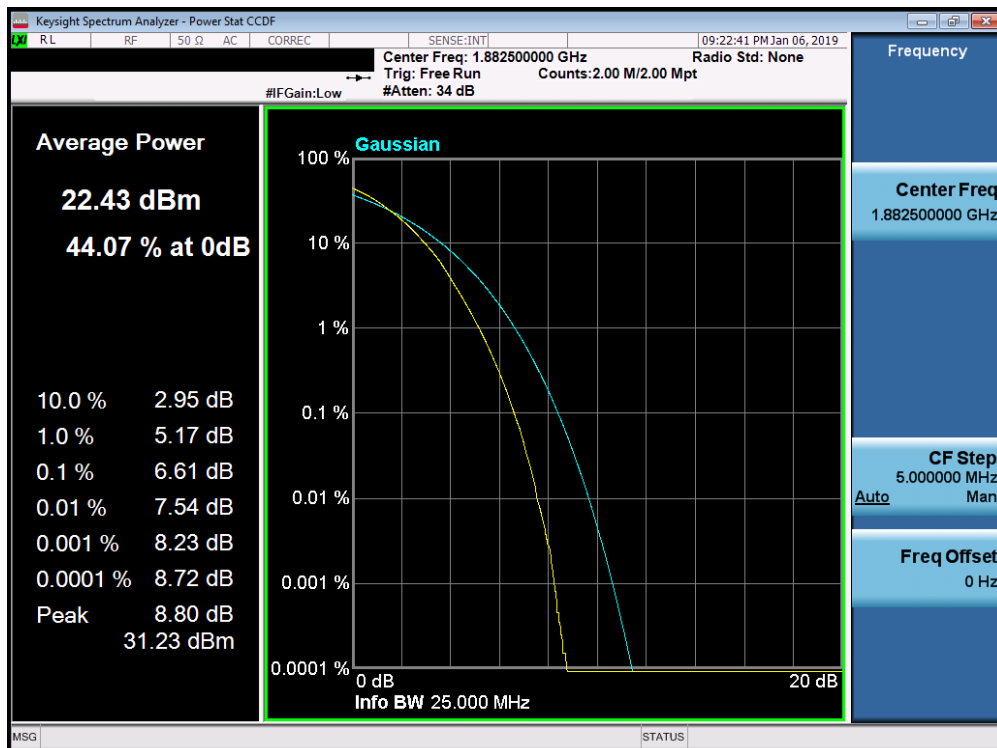


Plot 7-423. PAR Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2126	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-424. PAR Plot (Band 25 - 20.0MHz 16-QAM - Full RB Configuration)



Plot 7-425. PAR Plot (Band 25 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 243 of 363

7.6 Additional Maximum Power Reduction (A-MPR)

§2.1046

Test Overview

A-MPR is implemented in this device when operating at Power Class 2 in LTE Band 41 per the A-MPR specification in 3GPP TS 36.101. The conducted powers are shown herein to cover the different A-MPR levels specified in the standard. Conducted power measurements are performed to measure the average output power of the EUT. The averaging is to be performed only over duration of active transmissions at maximum output power level. The average measurements do not include averaging over periods when the transmitter is quiescent or when operating at reduced power level.

Test Procedure Used

KDB 971168 D01 v03

Test Setup

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

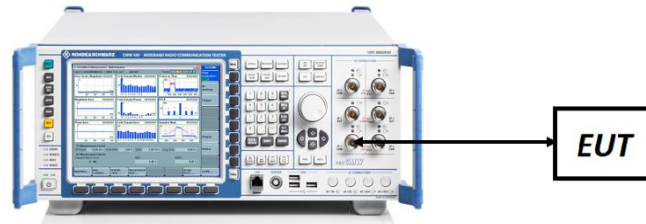


Figure 7-5. Conducted Power Measurement Setup

Test Notes

None

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Test Case	NS	MCC	MNC	Channel BW [MHz]	Channel Number	Channel Frequency [MHz]	Modulation	RB Size	RB Offset	MPR [dB]	A-MPR [dB]	Measured Power [dBm]	Lowest Typical Power [dBm]	Delta [dB]
1	01	312	530	5	39675	2498.5	QPSK	1	0	0	≤ 3	24.67	23.5	1.17
							16-QAM			≤ 1		24.45	22.5	1.95
							64-QAM			≤ 2		23.32	21.5	1.82
2				5	39675	2498.5	QPSK	1	9	0	0	26.60	26.5	0.10
							16-QAM			≤ 1		26.36	25.5	0.86
							64-QAM			≤ 2		25.24	24.5	0.74
3				10	39700	2501	QPSK	1	0	0	≤ 5	23.66	21.5	2.16
							16-QAM	1	0	≤ 1		23.44	20.5	2.94
							64-QAM	1	0	≤ 2		22.27	19.5	2.77
4				10	39700	2501	QPSK	20	0	0	≤ 2	24.60	23.5	1.10
							16-QAM	20	0	≤ 1		23.62	22.5	1.12
							64-QAM	20	0	≤ 2		22.64	21.5	1.14
5				10	39700	2501	QPSK	50	0	0	≤ 3	23.57	22.5	1.07
							16-QAM	50	0	≤ 1		22.59	21.5	1.09
							64-QAM	50	0	≤ 2		21.57	20.5	1.07
6				10	39700	2501	QPSK	25	20	0	≤ 1	24.56	24.5	0.06
							16-QAM	25	20	≤ 1		23.61	23.5	0.11
							64-QAM	25	20	≤ 2		22.59	22.5	0.09
7				10	39700	2501	QPSK	1	36	0	0	26.67	26.5	0.17
							16-QAM	1	36	≤ 1		26.29	25.5	0.79
							64-QAM	1	36	≤ 2		25.12	24.5	0.62
8				15	39725	2503.5	QPSK	1	0	0	≤ 5	23.84	21.5	2.34
							16-QAM	1	0	≤ 1		23.29	20.5	2.79
							64-QAM	1	0	≤ 2		22.35	19.5	2.85
9				15	39725	2503.5	QPSK	20	0	0	≤ 2	24.63	23.5	1.13
							16-QAM	20	0	≤ 1		23.66	22.5	1.16
							64-QAM	20	0	≤ 2		22.65	21.5	1.15
10				15	39725	2503.5	QPSK	75	0	0	≤ 4	22.62	21.5	1.12
							16-QAM	75	0	≤ 1		21.60	20.5	1.10
							64-QAM	75	0	≤ 2		20.61	19.5	1.11
11				15	39725	2503.5	QPSK	50	15	0	≤ 3	24.65	22.5	2.15
							16-QAM	50	15	≤ 1		23.64	21.5	2.14
							64-QAM	50	15	≤ 2		22.67	20.5	2.17
12				15	39725	2503.5	QPSK	1	60	0	0	26.72	26.5	0.22
							16-QAM	1	60	≤ 1		26.22	25.5	0.72
							64-QAM	1	60	≤ 2		25.20	24.5	0.70
13				20	39750	2506	QPSK	1	0	0	≤ 5	23.79	21.5	2.29
							16-QAM	1	0	≤ 1		23.42	20.5	2.92
							64-QAM	1	0	≤ 2		22.25	19.5	2.75
14				20	39750	2506	QPSK	20	0	0	≤ 2	24.65	23.5	1.15
							16-QAM	20	0	≤ 1		23.68	22.5	1.18
							64-QAM	20	0	≤ 2		22.69	21.5	1.19
15				20	39750	2506	QPSK	100	0	0	≤ 4	22.61	21.5	1.11
							16-QAM	100	0	≤ 1		21.60	20.5	1.10
							64-QAM	100	0	≤ 2		20.61	19.5	1.11
16				20	39750	2506	QPSK	75	24	0	≤ 3	24.58	22.5	2.08
							16-QAM	75	24	≤ 1		23.60	21.5	2.10
							64-QAM	75	24	≤ 2		22.59	20.5	2.09
17				20	39750	2506	QPSK	1	77	0	0	26.52	26.5	0.02
							16-QAM	1	77	≤ 1		26.11	25.5	0.61
							64-QAM	1	77	≤ 2		25.07	24.5	0.57
18	01	311	490	5	39675	2498.5	QPSK	1	0	0	≤ 3	24.68	23.5	1.18
			16-QAM				≤ 1			24.43		22.5	1.93	
			64-QAM				≤ 2			23.36		21.5	1.86	
19	01	001	01	5	39675	2498.5	QPSK	1	0	0	0	26.68	26.5	0.18
			16-QAM				≤ 1			26.37		25.5	0.87	
			64-QAM				≤ 2			25.32		24.5	0.82	

Table 7-7. A-MPR Conducted Power Measurements

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.7 Uplink Carrier Aggregation

§27.53(m)

Test Overview

The EUT is set up to transmit two contiguous LTE channels. The power level of both carriers and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

For Band 38/41, the minimum permissible attenuation level of any spurious emission is $55 + \log_{10}(P_{\text{Watts}})$.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6.0

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to at least 10 * the fundamental frequency (separated into at least two plots per channel)
2. Detector = RMS
3. Trace mode = trace average for continuous emissions, max hold for pulse emissions
4. Sweep time = auto couple
5. The trace was allowed to stabilize
6. Please see test notes below for RBW and VBW settings

Test Setup

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

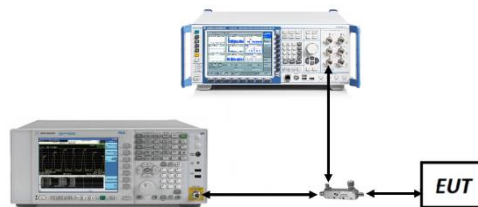


Figure 7-6. Test Instrument & Measurement Setup

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Test Notes

1. Uplink carrier aggregation is only supported in this EUT while operating in Power Class 3.
2. Conducted power and spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device. The worst case (highest) powers were found while operating with QPSK modulation, as shown in Table 7-503 and 7-504 below, with both carriers set to transmit using 1RB.
3. Compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater for frequencies less than 1 GHz and 1 MHz or greater for frequencies greater than 1 GHz. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
4. All ports were tested and only the worst case data were reported.
5. Refer to Table 2-1 Section 2.3 of this test report for correlation between Antennas and Ports.

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Port A

Power State	PCC							SCC							Power ULCA Tx.Power (dBm)
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	
Max	LTE B7	10	20800	2505	QPSK	1	49	LTE B7	20	20944	2519.4	QPSK	1	0	24.66
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	24.85
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	25.00
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	25.00
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	25.00
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	24.96
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	25.00
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	24.67
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	24.78
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	24.96
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	24.97
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	24.92
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	24.89
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	24.97
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	24.81
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	24.79
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	24.97
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	24.78
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	24.45
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	24.75
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	25.00

Table 7-8. Conducted Powers (B7 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 248 of 363

Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	0	20.49
Max	LTE B7	20	20850	2510	16-QAM	1	0	LTE B7	20	21048	2529.8	16-QAM	1	0	20.58
Max	LTE B7	20	20850	2510	64-QAM	1	0	LTE B7	20	21048	2529.8	64-QAM	1	0	20.63
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	20.34
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	16.38
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	20.38
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	24.89
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	22.95
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	21.96
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	21.89

Table 7-9. Conducted Powers (B7 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 249 of 363

Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B41	5	39675	2498.5	QPSK	1	24	LTE B41	20	39792	2510.2	QPSK	1	0	24.72
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	24.82
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	24.83
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	24.62
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	24.74
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	24.75
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	24.66
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	24.77
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	24.67
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	24.84
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	24.83
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	24.93
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	24.97
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	24.75
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	24.89
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	24.89
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	24.81
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	24.96
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	24.84
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	25.00
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	24.61
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	24.64
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	24.76
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	24.61
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	24.71
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	24.67
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	24.68
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	24.76
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	24.85
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	24.86

Table 7-10. Conducted Powers (B41 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 250 of 363

Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	0	20.40
Max	LTE B7	20	39750	2506	16-QAM	1	0	LTE B7	20	39948	2525.8	16-QAM	1	0	20.79
Max	LTE B7	20	39750	2506	64-QAM	1	0	LTE B7	20	39948	2525.8	64-QAM	1	0	20.71
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	20.30
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	16.41
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	20.31
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	25.00
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	22.89
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	21.89
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	21.90

Table 7-11. Conducted Powers (B41 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 251 of 363

Port B

Power State	PCC							SCC							Power ULCA Tx.Power (dBm)
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	
Max	LTE B7	10	20800	2505	QPSK	1	49	LTE B7	20	20944	2519.4	QPSK	1	0	22.58
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	22.56
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	22.36
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	22.75
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	22.39
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	22.44
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	22.49
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	22.50
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	22.43
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	22.42
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	22.49
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	22.45
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	22.38
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	22.54
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	22.71
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	22.32
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	22.26
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	22.36
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	22.32
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	22.38
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	22.44

Table 7-12. Conducted Powers (B7 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 252 of 363

Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	0	18.15
Max	LTE B7	20	20850	2510	16-QAM	1	0	LTE B7	20	21048	2529.8	16-QAM	1	0	18.42
Max	LTE B7	20	20850	2510	64-QAM	1	0	LTE B7	20	21048	2529.8	64-QAM	1	0	18.21
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	17.95
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	13.98
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	17.95
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	22.51
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	20.57
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	19.61
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	19.53

Table 7-13. Conducted Powers (B7 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 253 of 363

Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B41	5	39675	2498.5	QPSK	1	24	LTE B41	20	39792	2510.2	QPSK	1	0	22.34
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	22.42
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	22.50
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	22.28
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	22.42
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	22.40
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	22.35
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	22.37
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	22.26
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	22.47
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	22.27
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	22.58
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	22.64
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	22.44
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	22.57
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	22.56
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	22.75
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	22.52
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	22.64
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	22.65
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	22.61
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	22.55
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	22.58
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	22.47
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	22.53
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	22.59
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	22.52
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	22.70
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	22.53
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	22.59

Table 7-14. Conducted Powers (B41 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 254 of 363

Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	0	17.93
Max	LTE B41	20	39750	2506	16-QAM	1	0	LTE B41	20	39948	2525.8	16-QAM	1	0	18.32
Max	LTE B41	20	39750	2506	64-QAM	1	0	LTE B41	20	39948	2525.8	64QAM	1	0	18.24
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	17.83
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	13.84
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	17.72
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	22.48
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	20.41
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	19.45
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	19.42

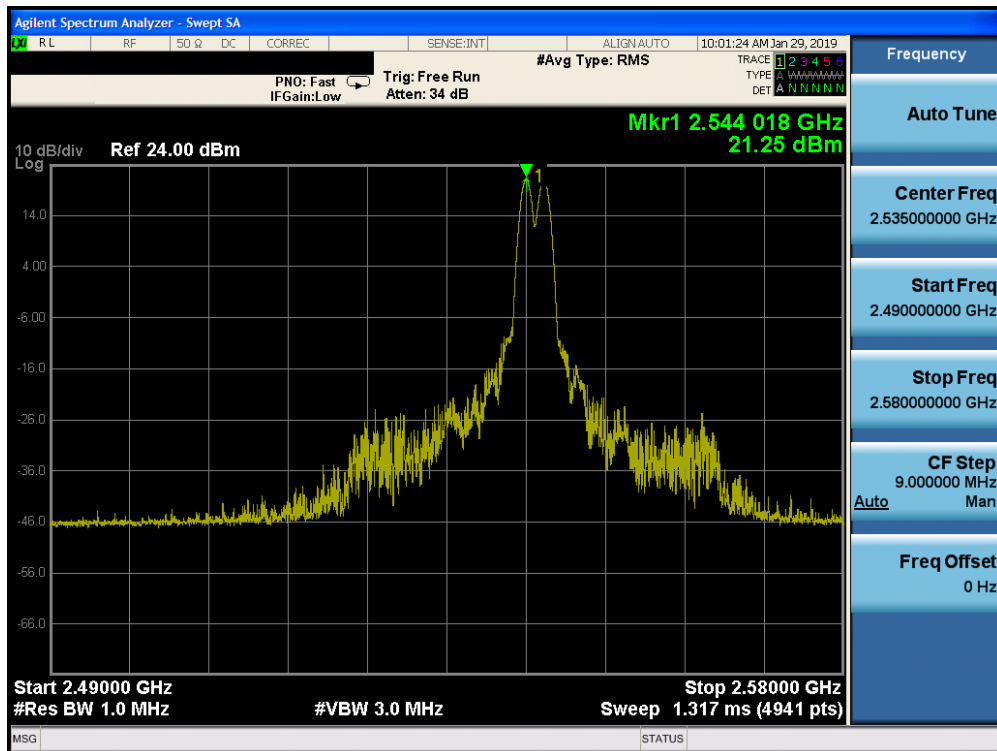
Table 7-15. Conducted Powers (B41 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 255 of 363

Band 7

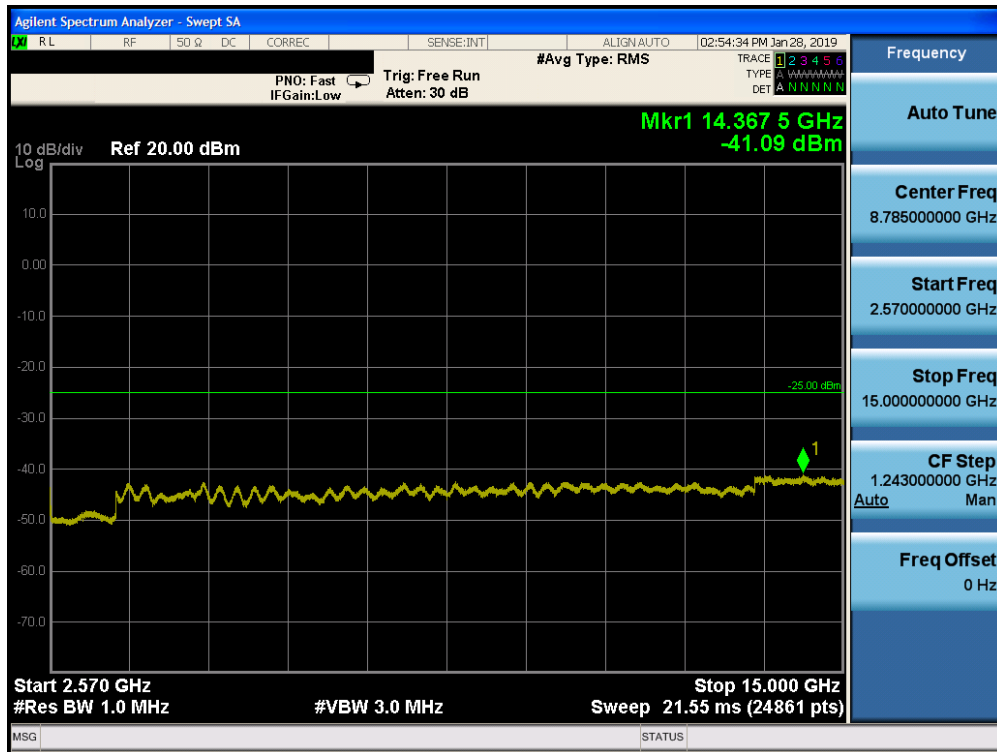


Plot 7-426. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

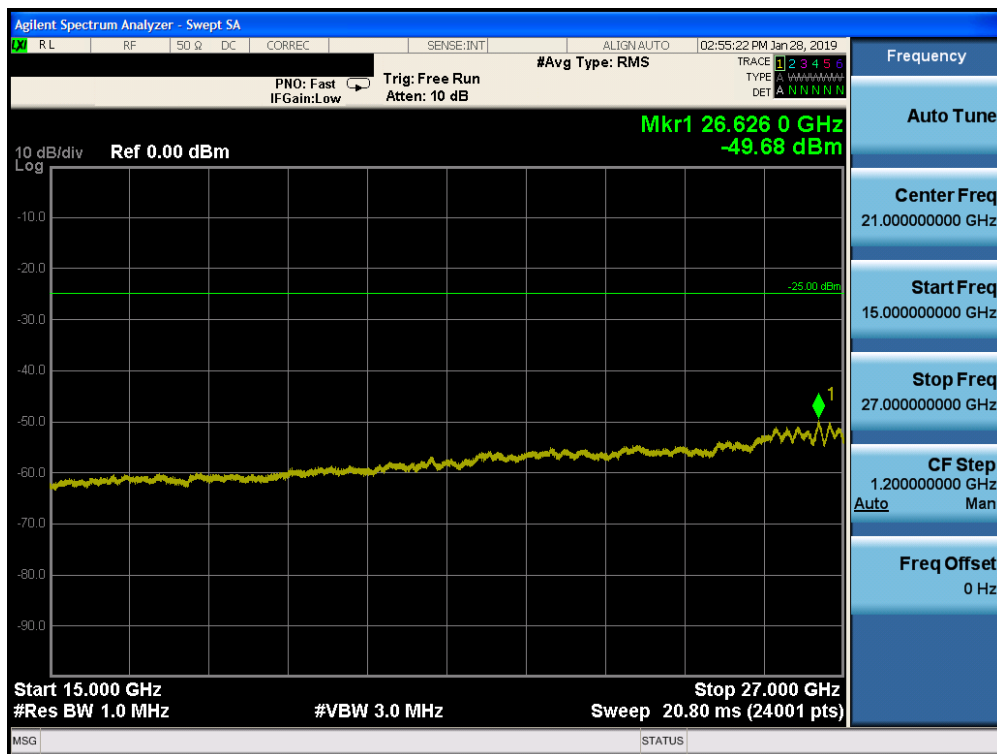


Plot 7-427. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 256 of 363

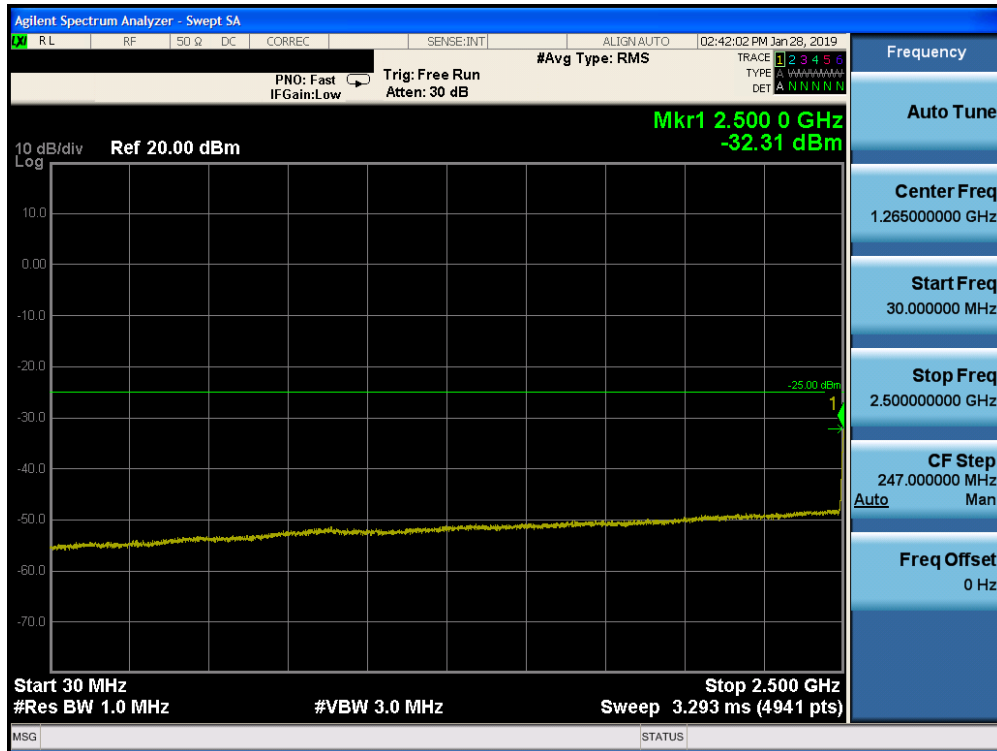


Plot 7-428. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

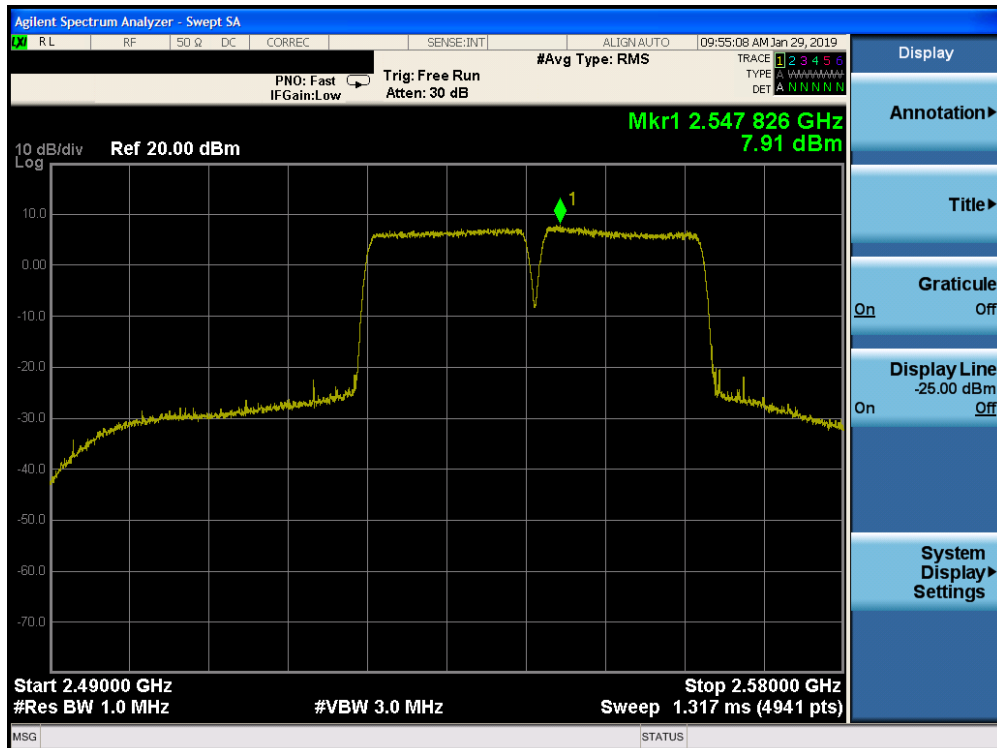


Plot 7-429. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 257 of 363

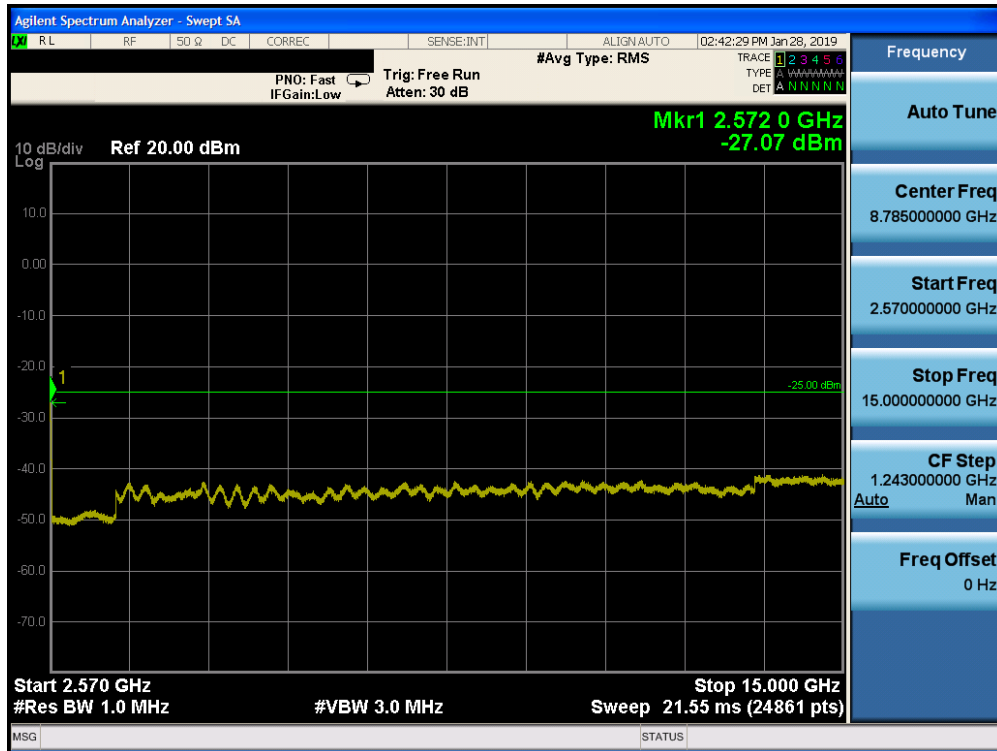


Plot 7-430. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

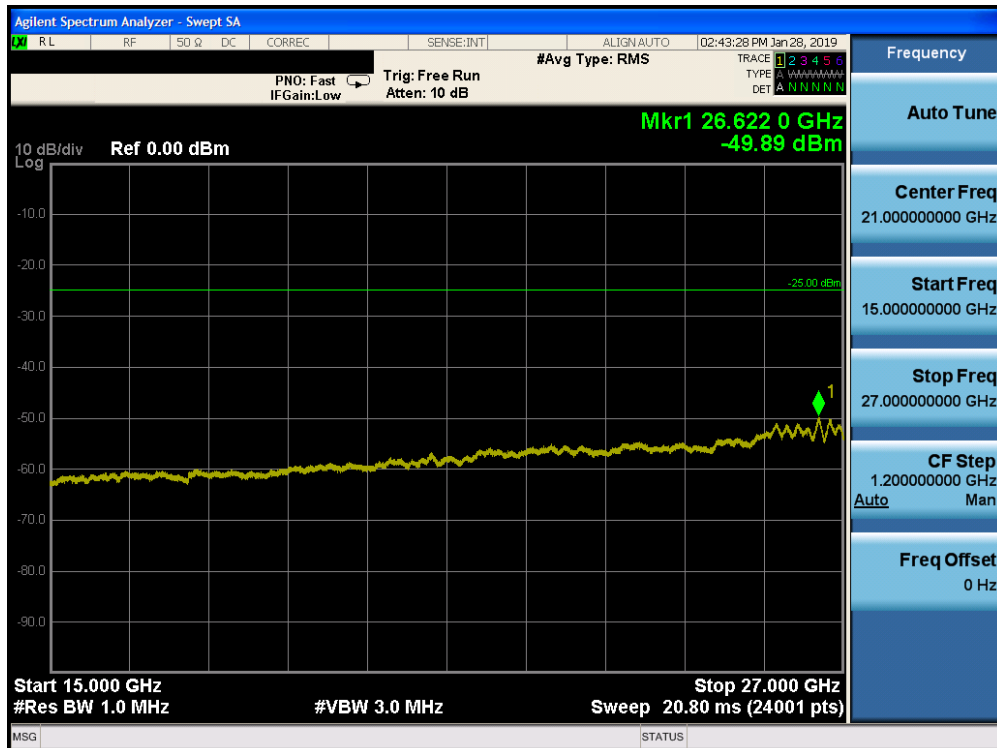


Plot 7-431. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 258 of 363

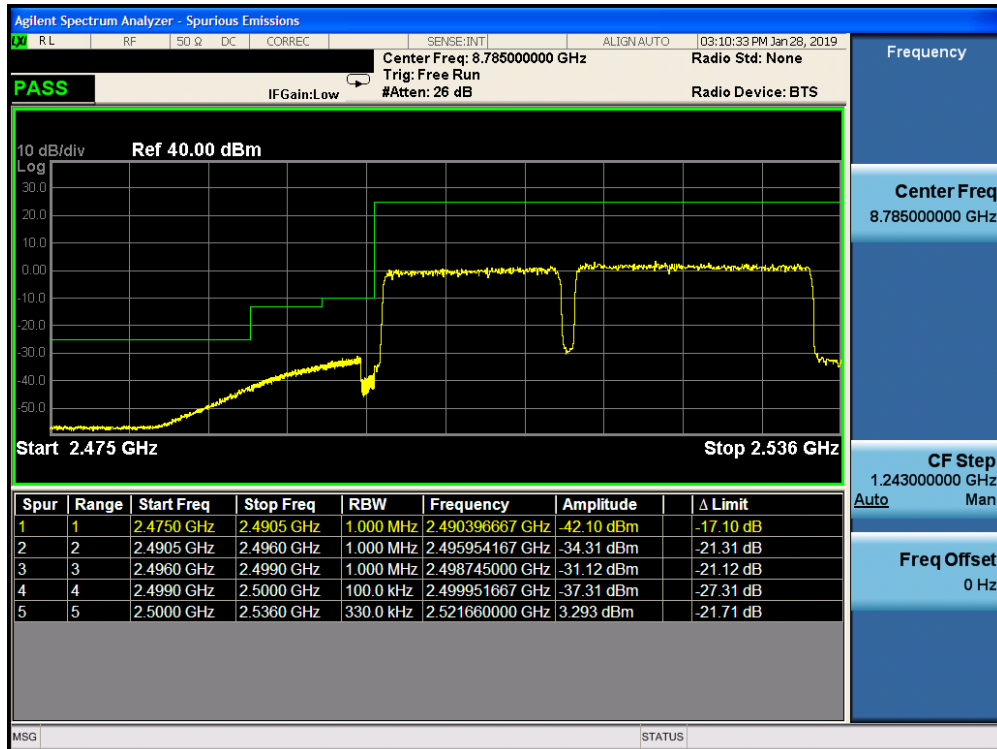


Plot 7-432. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

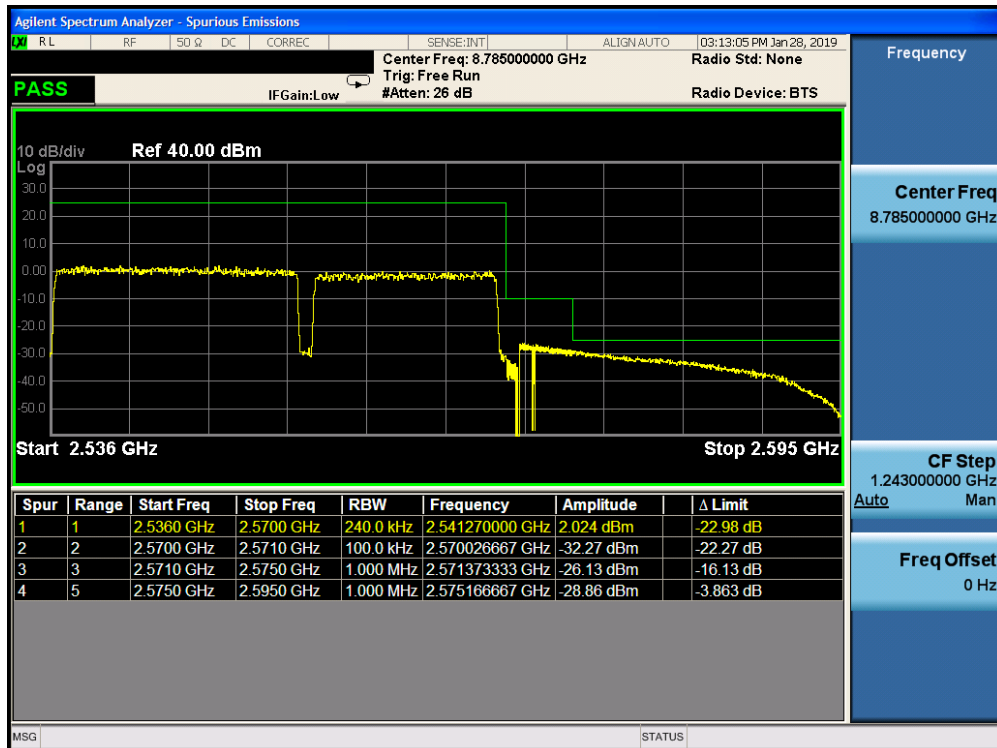


Plot 7-433. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 259 of 363

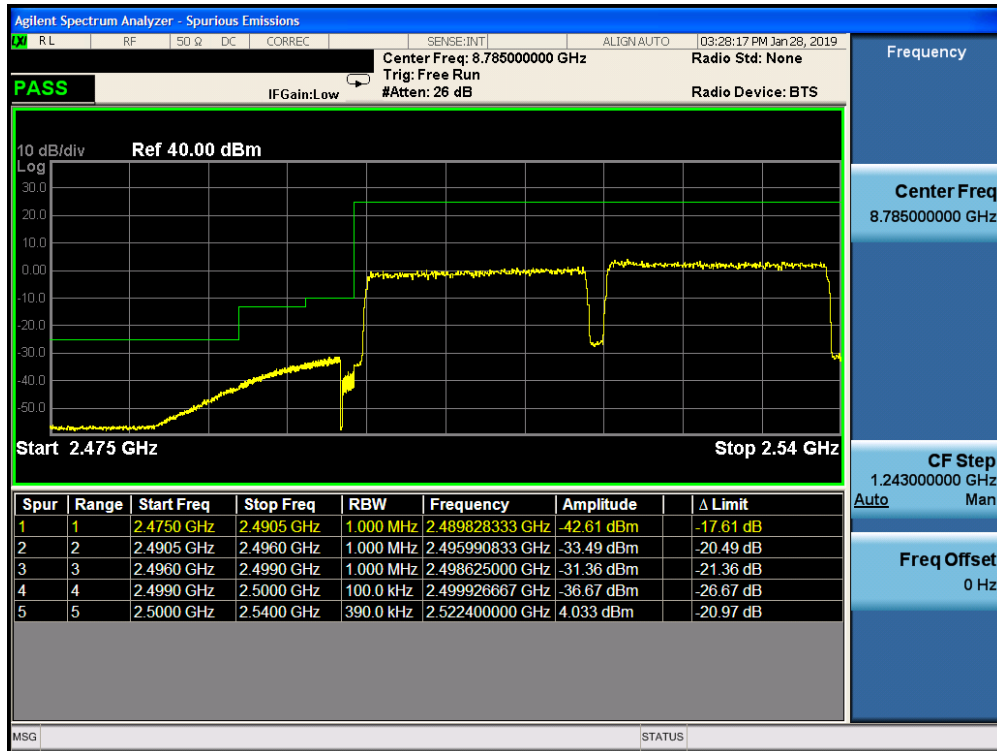


Plot 7-434. Lower ACP Plot (Band 7 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

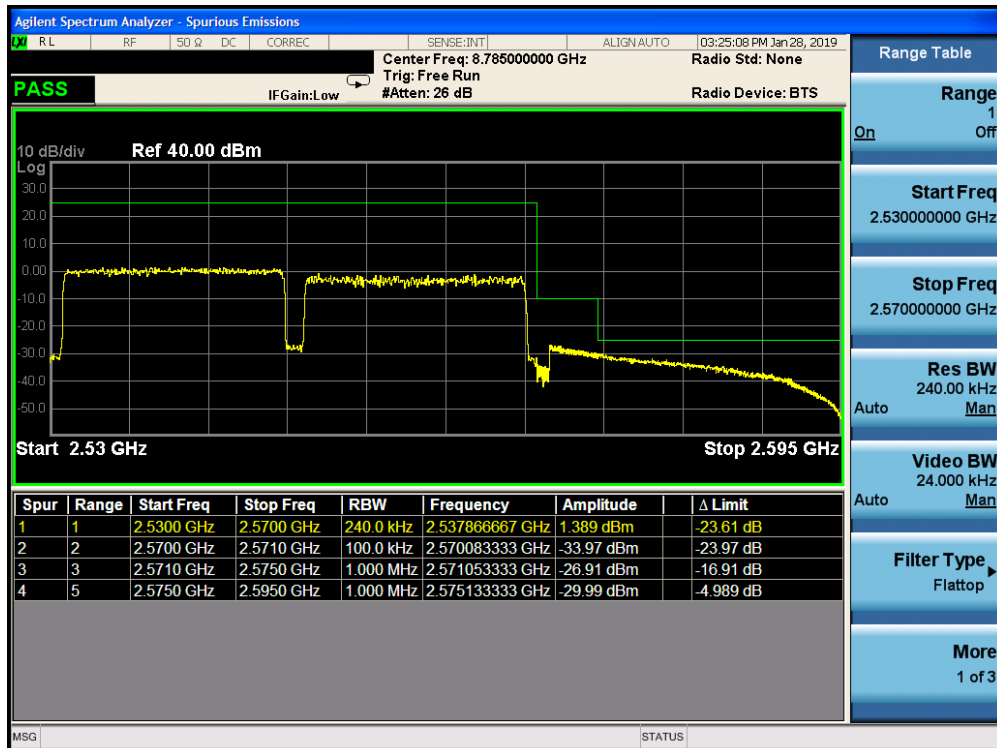


Plot 7-435. Upper ACP Plot (Band 7 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	
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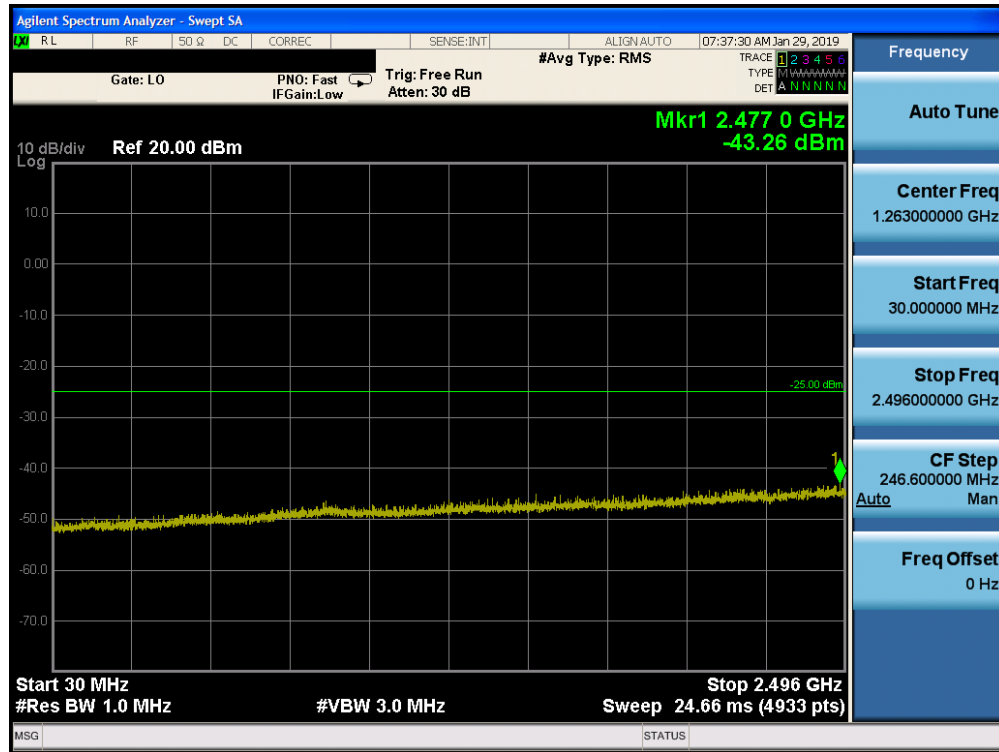
Plot 7-436. Lower ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)



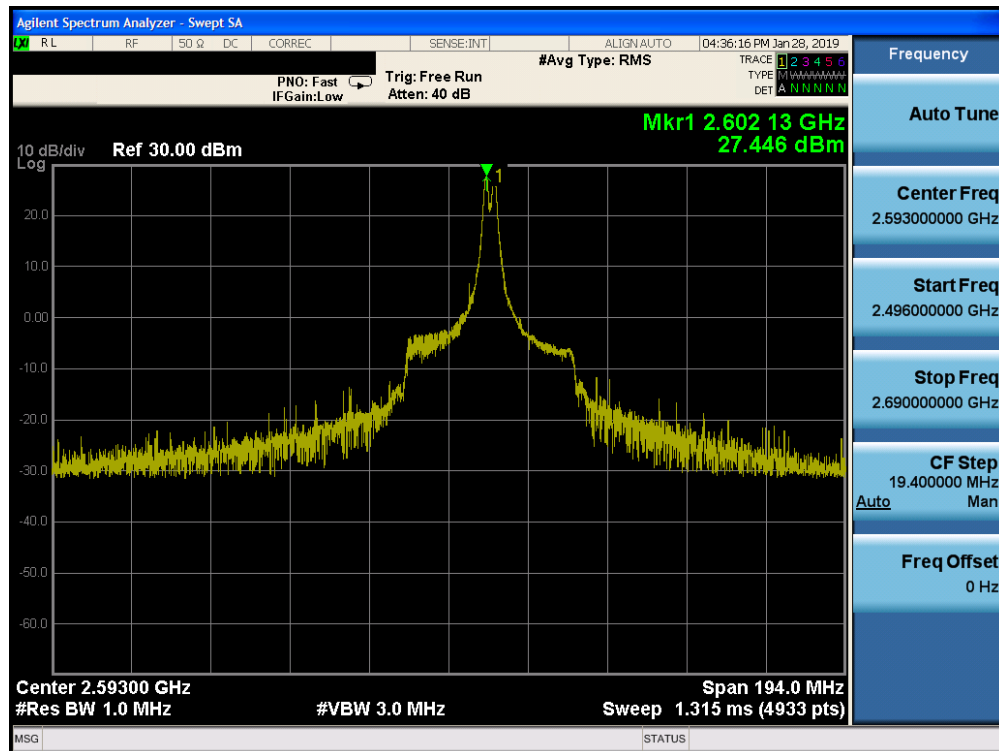
Plot 7-437. Upper ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	
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Band 41

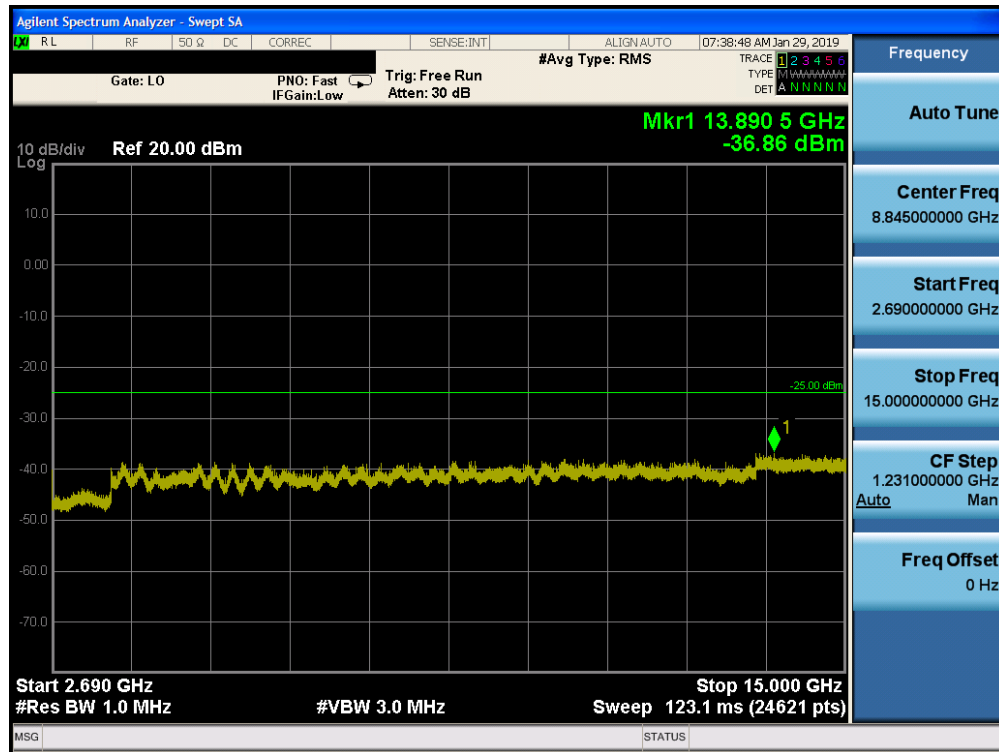


Plot 7-438. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

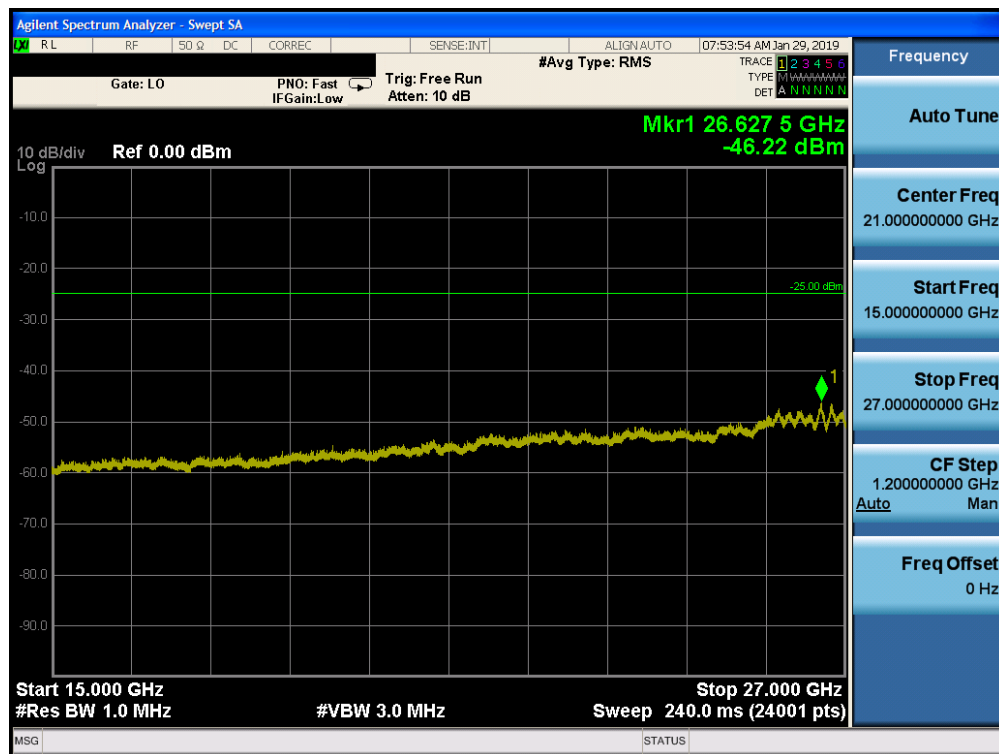


Plot 7-439. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 262 of 363

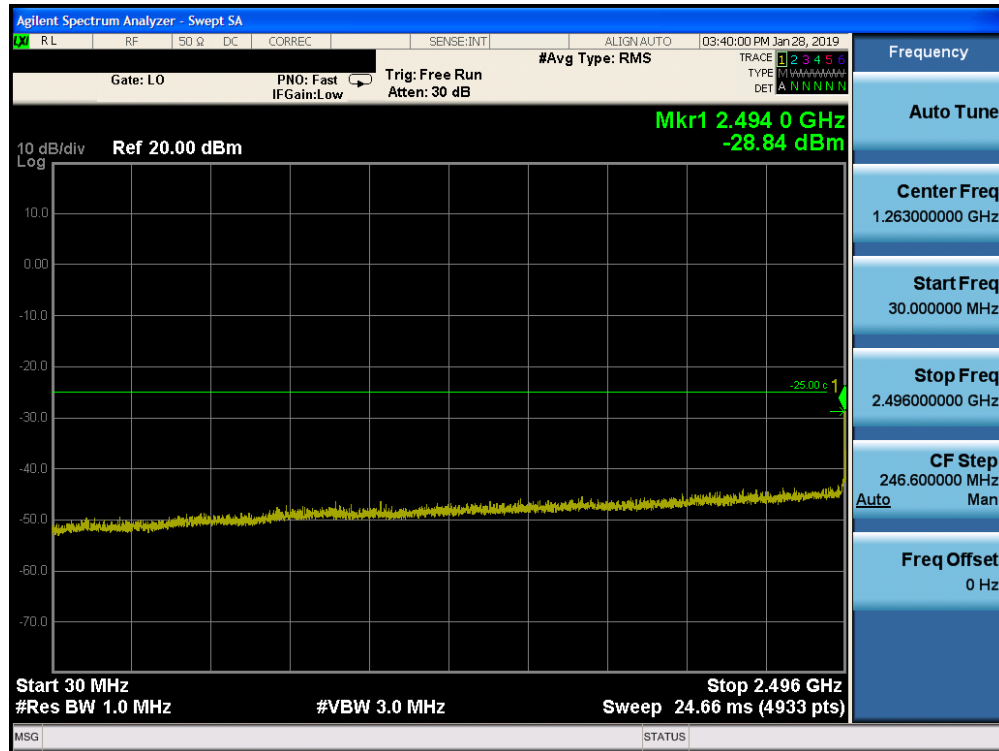


Plot 7-440. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

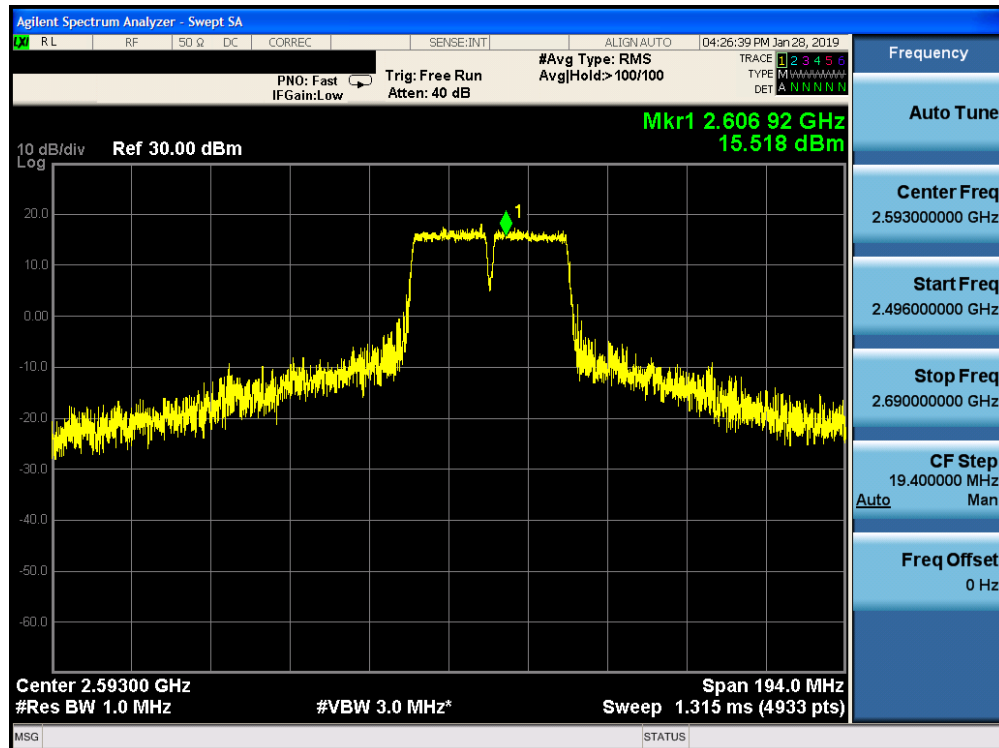


Plot 7-441. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA2126	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 263 of 363

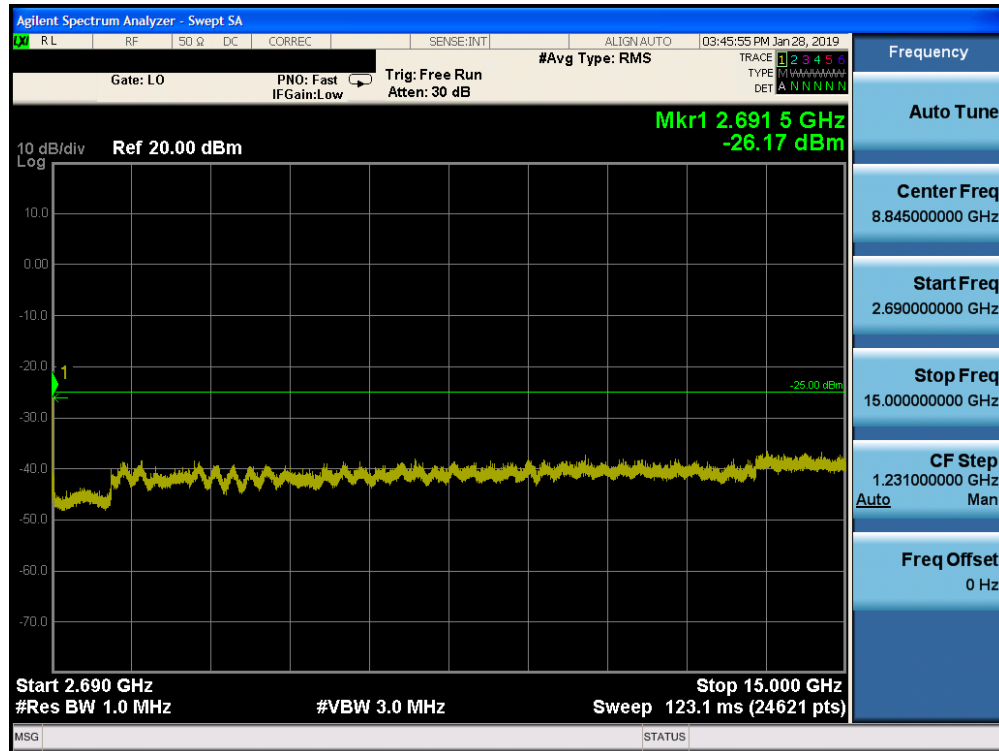


Plot 7-442. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

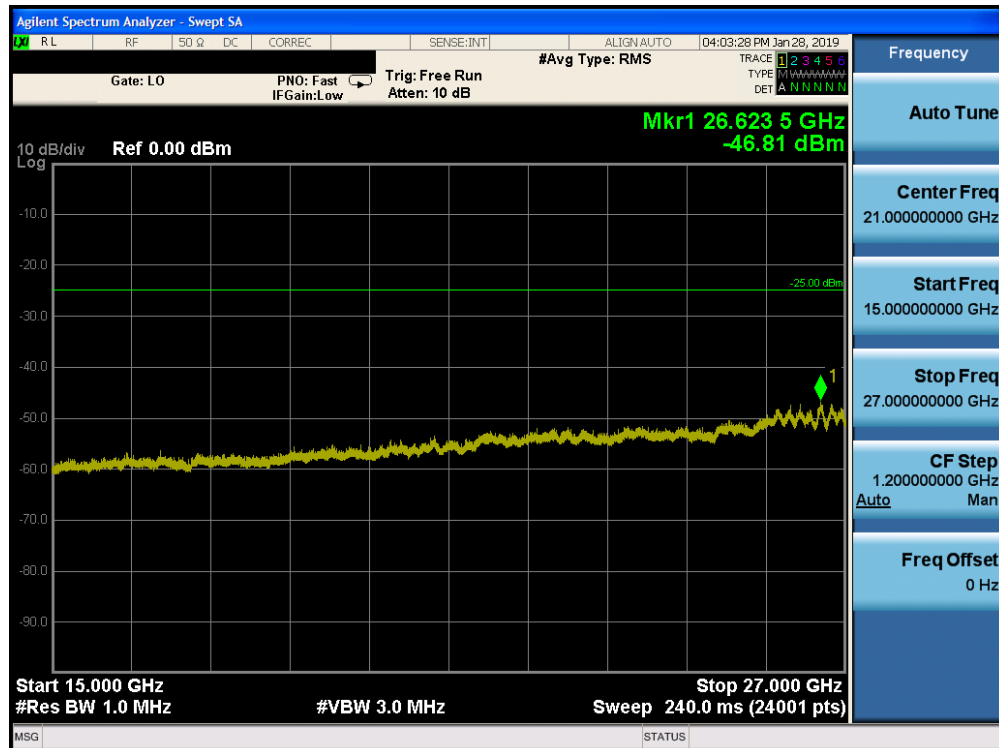


Plot 7-443. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA2126	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 264 of 363

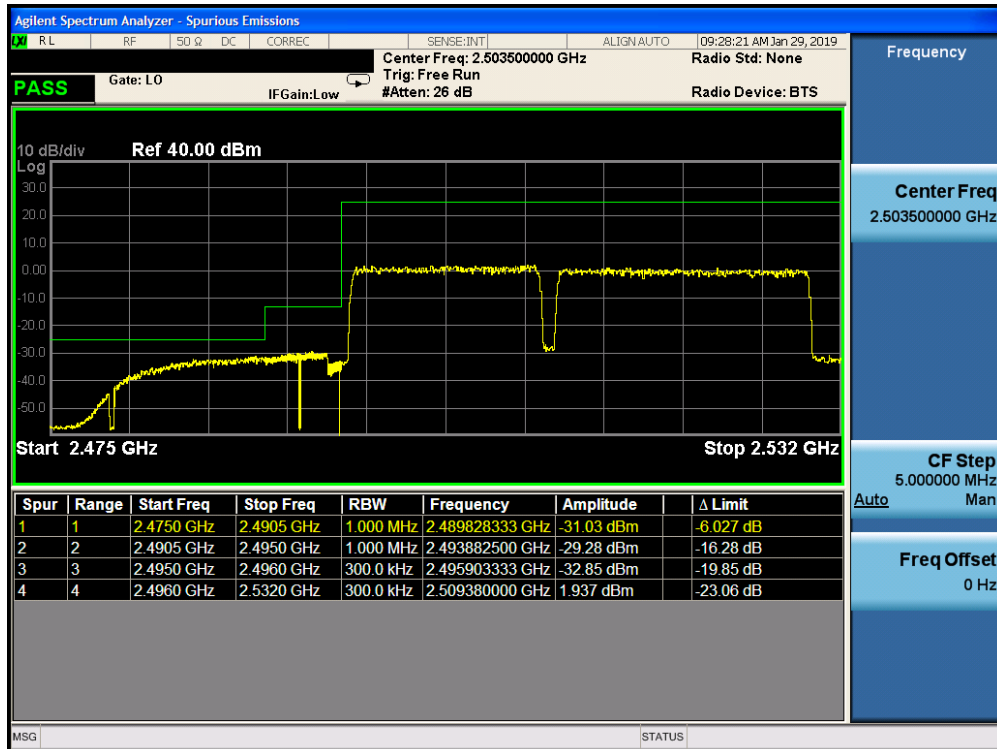


Plot 7-444. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

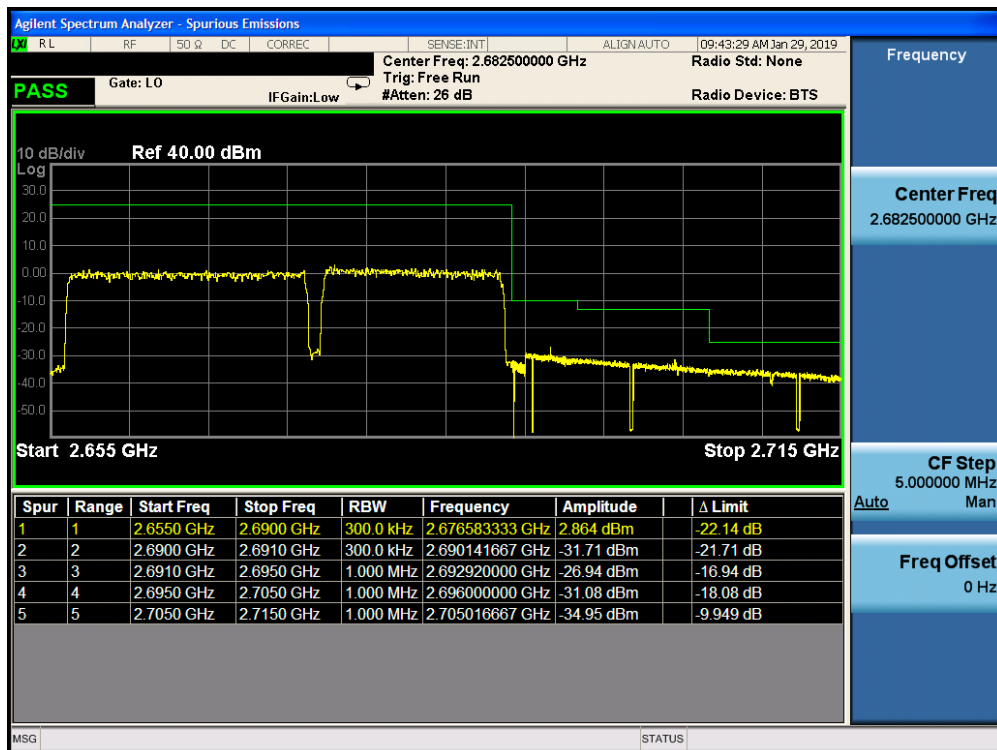


Plot 7-445. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA2126	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 265 of 363

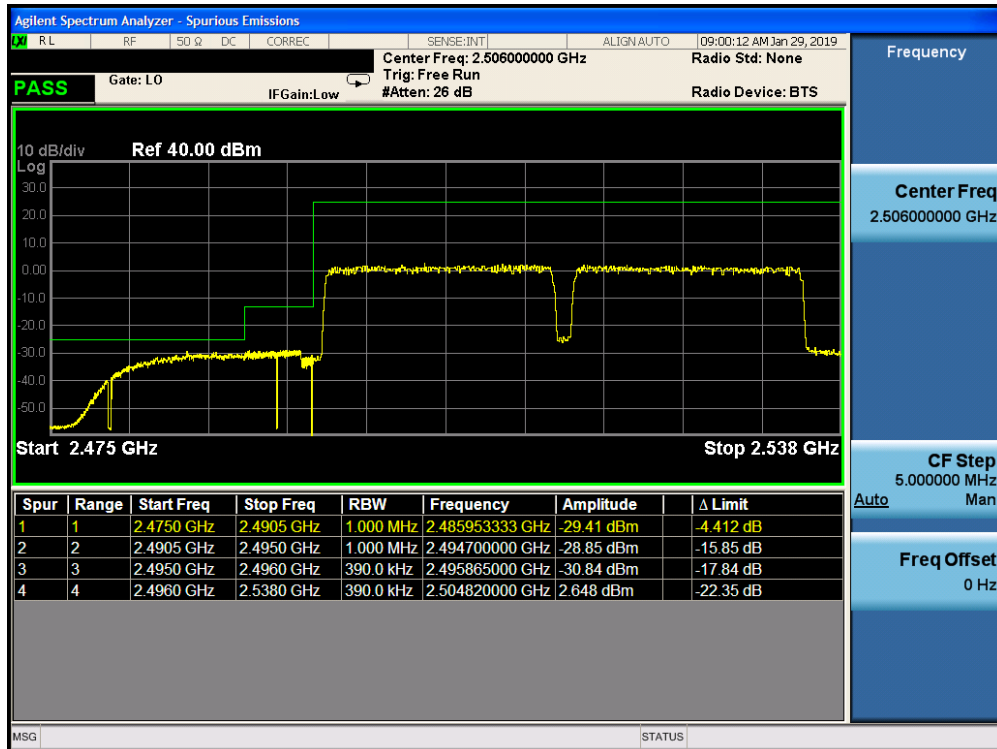


Plot 7-446. Lower ACP Plot (Band 41 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

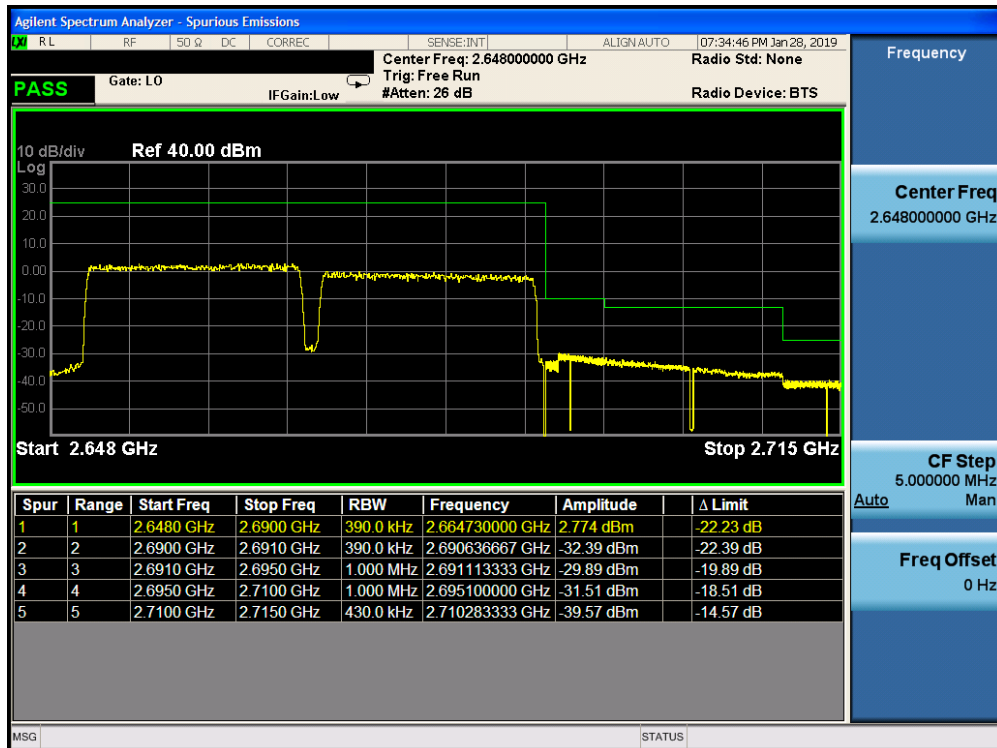


Plot 7-447. Upper ACP Plot (Band 41 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA2126			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device		Page 266 of 363



Plot 7-448. Lower ACP Plot (Band 41 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)



Plot 7-449. Upper ACP Plot (Band 41 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA2126			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device		Page 267 of 363

7.8 Radiated Power (ERP/EIRP)

Test Overview

Effective Radiated Power (ERP) and Equivalent Isotropic Radiated Power (EIRP) measurements are performed using the substitution method described in ANSI/TIA-603-E-2016 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using vertically and horizontally polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.2.1

Test Settings

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured is:

$$\text{ERP/EIRP} = \text{PMeas} - \text{LC} + \text{GT}$$

Where:

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm)

PMeas = measured transmitter output power or PSD, in dBW or dBm

LC = signal attenuation in the connecting cable between the transmitter and antenna in dB

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

Test Setup

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

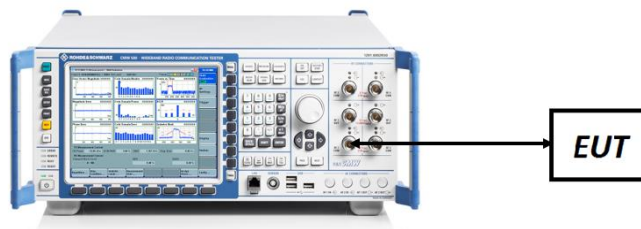


Figure 7-7. ERP/EIRP Measurement Setup

Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This unit was tested with its standard battery.

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 268 of 363

- 3) The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
- 4) The Ant. Gains (GT) are listed in dBi.

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 269 of 363

7.8.1 Port A Radiated Power (ERP/EIRP)

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
665.50	5	QPSK	1 / 0	25.50	-1.90	21.45	0.140	34.77	-13.32
680.50	5	QPSK	1 / 24	25.36	-1.90	21.31	0.135	34.77	-13.46
695.50	5	QPSK	1 / 0	25.47	-1.90	21.42	0.139	34.77	-13.35
665.50	5	16-QAM	1 / 24	24.62	-1.90	20.57	0.114	34.77	-14.20
680.50	5	16-QAM	1 / 0	24.79	-1.90	20.74	0.119	34.77	-14.03
695.50	5	16-QAM	1 / 24	24.66	-1.90	20.61	0.115	34.77	-14.16
665.50	5	64-QAM	1 / 0	23.83	-1.90	19.78	0.095	34.77	-14.99
680.50	5	64-QAM	1 / 24	23.57	-1.90	19.52	0.090	34.77	-15.25
695.50	5	64-QAM	1 / 24	23.52	-1.90	19.47	0.089	34.77	-15.30
668.00	10	QPSK	1 / 0	25.49	-1.90	21.44	0.139	34.77	-13.33
680.50	10	QPSK	1 / 0	25.20	-1.90	21.15	0.130	34.77	-13.62
693.00	10	QPSK	1 / 49	25.42	-1.90	21.37	0.137	34.77	-13.40
668.00	10	16-QAM	1 / 0	24.52	-1.90	20.47	0.111	34.77	-14.30
680.50	10	16-QAM	1 / 49	24.55	-1.90	20.50	0.112	34.77	-14.27
693.00	10	16-QAM	1 / 0	24.66	-1.90	20.61	0.115	34.77	-14.16
668.00	10	64-QAM	1 / 0	23.61	-1.90	19.56	0.090	34.77	-15.21
680.50	10	64-QAM	1 / 49	23.44	-1.90	19.39	0.087	34.77	-15.38
693.00	10	64-QAM	1 / 49	23.54	-1.90	19.49	0.089	34.77	-15.28
670.50	15	QPSK	1 / 0	25.46	-1.90	21.41	0.138	34.77	-13.36
680.50	15	QPSK	1 / 74	25.34	-1.90	21.29	0.135	34.77	-13.48
690.50	15	QPSK	1 / 0	25.38	-1.90	21.33	0.136	34.77	-13.44
670.50	15	16-QAM	1 / 74	24.65	-1.90	20.60	0.115	34.77	-14.17
680.50	15	16-QAM	1 / 74	24.68	-1.90	20.63	0.116	34.77	-14.14
690.50	15	16-QAM	1 / 0	24.57	-1.90	20.52	0.113	34.77	-14.25
670.50	15	64-QAM	1 / 74	23.73	-1.90	19.68	0.093	34.77	-15.09
680.50	15	64-QAM	1 / 74	23.62	-1.90	19.57	0.091	34.77	-15.20
690.50	15	64-QAM	1 / 74	23.63	-1.90	19.58	0.091	34.77	-15.19
673.00	20	QPSK	1 / 99	25.50	-1.90	21.45	0.140	34.77	-13.32
680.50	20	QPSK	1 / 99	25.43	-1.90	21.38	0.137	34.77	-13.39
688.00	20	QPSK	1 / 99	25.49	-1.90	21.44	0.139	34.77	-13.33
673.00	20	16-QAM	1 / 0	24.61	-1.90	20.56	0.114	34.77	-14.21
680.50	20	16-QAM	1 / 0	24.65	-1.90	20.60	0.115	34.77	-14.17
688.00	20	16-QAM	1 / 0	24.69	-1.90	20.64	0.116	34.77	-14.13
673.00	20	64-QAM	1 / 99	23.66	-1.90	19.61	0.091	34.77	-15.16
680.50	20	64-QAM	1 / 0	23.67	-1.90	19.62	0.092	34.77	-15.15
688.00	20	64-QAM	1 / 99	23.57	-1.90	19.52	0.090	34.77	-15.25

Table 7-16. ERP Data (Band 71)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 270 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
699.70	1.4	QPSK	1 / 0	25.50	-1.90	21.45	0.140	34.77	-13.32	23.60	0.229	36.99	-13.39
707.50	1.4	QPSK	3 / 2	25.49	-1.90	21.44	0.139	34.77	-13.33	23.59	0.229	36.99	-13.40
715.30	1.4	QPSK	3 / 2	25.50	-1.90	21.45	0.140	34.77	-13.32	23.60	0.229	36.99	-13.39
699.70	1.4	16-QAM	1 / 5	24.74	-1.90	20.69	0.117	34.77	-14.08	22.84	0.192	36.99	-14.15
707.50	1.4	16-QAM	1 / 0	24.72	-1.90	20.67	0.117	34.77	-14.10	22.82	0.191	36.99	-14.17
715.30	1.4	16-QAM	1 / 5	24.80	-1.90	20.75	0.119	34.77	-14.02	22.90	0.195	36.99	-14.09
699.70	1.4	64-QAM	1 / 5	23.77	-1.90	19.72	0.094	34.77	-15.05	21.87	0.154	36.99	-15.12
707.50	1.4	64-QAM	1 / 5	23.85	-1.90	19.80	0.095	34.77	-14.97	21.95	0.157	36.99	-15.04
715.30	1.4	64-QAM	1 / 5	23.97	-1.90	19.92	0.098	34.77	-14.85	22.07	0.161	36.99	-14.92
700.50	3	QPSK	1 / 14	25.43	-1.90	21.38	0.137	34.77	-13.39	23.53	0.225	36.99	-13.46
707.50	3	QPSK	1 / 0	25.40	-1.90	21.35	0.136	34.77	-13.42	23.50	0.224	36.99	-13.49
714.50	3	QPSK	1 / 14	25.45	-1.90	21.40	0.138	34.77	-13.37	23.55	0.226	36.99	-13.44
700.50	3	16-QAM	1 / 14	24.93	-1.90	20.88	0.122	34.77	-13.89	23.03	0.201	36.99	-13.96
707.50	3	16-QAM	1 / 14	24.86	-1.90	20.81	0.121	34.77	-13.96	22.96	0.198	36.99	-14.03
714.50	3	16-QAM	1 / 14	24.85	-1.90	20.80	0.120	34.77	-13.97	22.95	0.197	36.99	-14.04
700.50	3	64-QAM	1 / 14	23.82	-1.90	19.77	0.095	34.77	-15.00	21.92	0.156	36.99	-15.07
707.50	3	64-QAM	1 / 0	23.75	-1.90	19.70	0.093	34.77	-15.07	21.85	0.153	36.99	-15.14
714.50	3	64-QAM	1 / 14	23.87	-1.90	19.82	0.096	34.77	-14.95	21.97	0.157	36.99	-15.02
701.50	5	QPSK	1 / 24	25.50	-1.90	21.45	0.140	34.77	-13.32	23.60	0.229	36.99	-13.39
707.50	5	QPSK	1 / 24	25.48	-1.90	21.43	0.139	34.77	-13.34	23.58	0.228	36.99	-13.41
713.50	5	QPSK	1 / 0	25.50	-1.90	21.45	0.140	34.77	-13.32	23.60	0.229	36.99	-13.39
701.50	5	16-QAM	1 / 24	24.77	-1.90	20.72	0.118	34.77	-14.05	22.87	0.194	36.99	-14.12
707.50	5	16-QAM	1 / 24	25.02	-1.90	20.97	0.125	34.77	-13.80	23.12	0.205	36.99	-13.87
713.50	5	16-QAM	1 / 24	25.09	-1.90	21.04	0.127	34.77	-13.73	23.19	0.208	36.99	-13.80
701.50	5	64-QAM	1 / 24	23.97	-1.90	19.92	0.098	34.77	-14.85	22.07	0.161	36.99	-14.92
707.50	5	64-QAM	1 / 0	23.91	-1.90	19.86	0.097	34.77	-14.91	22.01	0.159	36.99	-14.98
713.50	5	64-QAM	1 / 24	24.01	-1.90	19.96	0.099	34.77	-14.81	22.11	0.163	36.99	-14.88
704.00	10	QPSK	1 / 49	25.50	-1.90	21.45	0.140	34.77	-13.32	23.60	0.229	36.99	-13.39
707.50	10	QPSK	1 / 0	25.48	-1.90	21.43	0.139	34.77	-13.34	23.58	0.228	36.99	-13.41
711.00	10	QPSK	1 / 0	25.48	-1.90	21.43	0.139	34.77	-13.34	23.58	0.228	36.99	-13.41
704.00	10	16-QAM	1 / 49	24.96	-1.90	20.91	0.123	34.77	-13.86	23.06	0.202	36.99	-13.93
707.50	10	16-QAM	1 / 49	24.96	-1.90	20.91	0.123	34.77	-13.86	23.06	0.202	36.99	-13.93
711.00	10	16-QAM	1 / 49	24.97	-1.90	20.92	0.124	34.77	-13.85	23.07	0.203	36.99	-13.92
704.00	10	64-QAM	1 / 49	23.84	-1.90	19.79	0.095	34.77	-14.98	21.94	0.156	36.99	-15.05
707.50	10	64-QAM	1 / 49	23.90	-1.90	19.85	0.097	34.77	-14.92	22.00	0.158	36.99	-14.99
711.00	10	64-QAM	1 / 49	23.91	-1.90	19.86	0.097	34.77	-14.91	22.01	0.159	36.99	-14.98

Table 7-17. ERP Data (Band 12)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 271 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
706.50	5	QPSK	1 / 0	25.47	-1.90	21.42	0.139	34.77	-13.35	23.57	0.228	36.99	-13.42
710.00	5	QPSK	1 / 0	25.49	-1.90	21.44	0.139	34.77	-13.33	23.59	0.229	36.99	-13.40
713.50	5	QPSK	1 / 0	25.50	-1.90	21.45	0.140	34.77	-13.32	23.60	0.229	36.99	-13.39
706.50	5	16-QAM	1 / 24	24.97	-1.90	20.92	0.124	34.77	-13.85	23.07	0.203	36.99	-13.92
710.00	5	16-QAM	1 / 24	25.06	-1.90	21.01	0.126	34.77	-13.76	23.16	0.207	36.99	-13.83
713.50	5	16-QAM	1 / 24	24.92	-1.90	20.87	0.122	34.77	-13.90	23.02	0.200	36.99	-13.97
706.50	5	64-QAM	1 / 24	23.93	-1.90	19.88	0.097	34.77	-14.89	22.03	0.160	36.99	-14.96
710.00	5	64-QAM	1 / 24	23.92	-1.90	19.87	0.097	34.77	-14.90	22.02	0.159	36.99	-14.97
713.50	5	64-QAM	1 / 24	24.02	-1.90	19.97	0.099	34.77	-14.80	22.12	0.163	36.99	-14.87
709.00	10	QPSK	1 / 49	25.50	-1.90	21.45	0.140	34.77	-13.32	23.60	0.229	36.99	-13.39
710.00	10	QPSK	1 / 49	25.47	-1.90	21.42	0.139	34.77	-13.35	23.57	0.228	36.99	-13.42
711.00	10	QPSK	1 / 49	25.49	-1.90	21.44	0.139	34.77	-13.33	23.59	0.229	36.99	-13.40
709.00	10	16-QAM	1 / 49	24.82	-1.90	20.77	0.119	34.77	-14.00	22.92	0.196	36.99	-14.07
710.00	10	16-QAM	1 / 49	25.01	-1.90	20.96	0.125	34.77	-13.81	23.11	0.205	36.99	-13.88
711.00	10	16-QAM	1 / 49	25.02	-1.90	20.97	0.125	34.77	-13.80	23.12	0.205	36.99	-13.87
709.00	10	64-QAM	1 / 49	23.88	-1.90	19.83	0.096	34.77	-14.94	21.98	0.158	36.99	-15.01
710.00	10	64-QAM	1 / 49	23.81	-1.90	19.76	0.095	34.77	-15.01	21.91	0.155	36.99	-15.08
711.00	10	64-QAM	1 / 49	23.95	-1.90	19.90	0.098	34.77	-14.87	22.05	0.160	36.99	-14.94

Table 7-18. ERP Data (Band 17)

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
779.50	5	QPSK	1 / 0	25.47	-1.90	21.42	0.139	34.77	-13.35	23.57	0.228	36.99	-13.42
782.00	5	QPSK	1 / 0	25.22	-1.90	21.17	0.131	34.77	-13.60	23.32	0.215	36.99	-13.67
784.50	5	QPSK	1 / 24	25.18	-1.90	21.13	0.130	34.77	-13.64	23.28	0.213	36.99	-13.71
779.50	5	16-QAM	1 / 0	24.66	-1.90	20.61	0.115	34.77	-14.16	22.76	0.189	36.99	-14.23
782.00	5	16-QAM	1 / 0	24.24	-1.90	20.19	0.104	34.77	-14.58	22.34	0.171	36.99	-14.65
784.50	5	16-QAM	1 / 24	24.37	-1.90	20.32	0.108	34.77	-14.45	22.47	0.177	36.99	-14.52
779.50	5	64-QAM	1 / 0	24.25	-1.90	20.20	0.105	34.77	-14.57	22.35	0.172	36.99	-14.64
782.00	5	64-QAM	1 / 0	23.98	-1.90	19.93	0.098	34.77	-14.84	22.08	0.161	36.99	-14.91
784.50	5	64-QAM	1 / 24	23.73	-1.90	19.68	0.093	34.77	-15.09	21.83	0.152	36.99	-15.16
782.00	10	QPSK	1 / 0	25.49	-1.90	21.44	0.139	34.77	-13.33	23.59	0.229	36.99	-13.40
782.00	10	16-QAM	1 / 0	24.65	-1.90	20.60	0.115	34.77	-14.17	22.75	0.188	36.99	-14.24
782.00	10	64-QAM	1 / 0	23.53	-1.90	19.48	0.089	34.77	-15.29	21.63	0.146	36.99	-15.36

Table 7-19. ERP Data (Band 13)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)								Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device							Page 272 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
824.70	1.4	QPSK	1 / 0	25.49	-1.50	21.84	0.153	38.45	-16.61	23.99	0.251	40.61	-16.62
836.50	1.4	QPSK	1 / 5	25.41	-1.50	21.76	0.150	38.45	-16.69	23.91	0.246	40.61	-16.70
848.30	1.4	QPSK	1 / 0	25.50	-1.50	21.85	0.153	38.45	-16.60	24.00	0.251	40.61	-16.61
824.70	1.4	16-QAM	1 / 0	24.83	-1.50	21.18	0.131	38.45	-17.27	23.33	0.215	40.61	-17.28
836.50	1.4	16-QAM	1 / 5	24.77	-1.50	21.12	0.129	38.45	-17.33	23.27	0.212	40.61	-17.34
848.30	1.4	16-QAM	3 / 2	24.79	-1.50	21.14	0.130	38.45	-17.31	23.29	0.213	40.61	-17.32
824.70	1.4	64-QAM	3 / 2	23.87	-1.50	20.22	0.105	38.45	-18.23	22.37	0.173	40.61	-18.24
836.50	1.4	64-QAM	3 / 2	23.84	-1.50	20.19	0.104	38.45	-18.26	22.34	0.171	40.61	-18.27
848.30	1.4	64-QAM	3 / 2	23.89	-1.50	20.24	0.106	38.45	-18.21	22.39	0.173	40.61	-18.22
825.50	3	QPSK	1 / 0	25.48	-1.50	21.83	0.152	38.45	-16.62	23.98	0.250	40.61	-16.63
836.50	3	QPSK	1 / 14	25.50	-1.50	21.85	0.153	38.45	-16.60	24.00	0.251	40.61	-16.61
847.50	3	QPSK	1 / 0	25.42	-1.50	21.77	0.150	38.45	-16.68	23.92	0.247	40.61	-16.69
825.50	3	16-QAM	1 / 0	24.67	-1.50	21.02	0.126	38.45	-17.43	23.17	0.207	40.61	-17.44
836.50	3	16-QAM	1 / 14	24.81	-1.50	21.16	0.131	38.45	-17.29	23.31	0.214	40.61	-17.30
847.50	3	16-QAM	1 / 14	24.72	-1.50	21.07	0.128	38.45	-17.38	23.22	0.210	40.61	-17.39
825.50	3	64-QAM	1 / 0	23.80	-1.50	20.15	0.104	38.45	-18.30	22.30	0.170	40.61	-18.31
836.50	3	64-QAM	1 / 0	23.75	-1.50	20.10	0.102	38.45	-18.35	22.25	0.168	40.61	-18.36
847.50	3	64-QAM	1 / 14	23.74	-1.50	20.09	0.102	38.45	-18.36	22.24	0.167	40.61	-18.37
826.50	5	QPSK	1 / 24	25.44	-1.50	21.79	0.151	38.45	-16.66	23.94	0.248	40.61	-16.67
836.50	5	QPSK	1 / 24	25.47	-1.50	21.82	0.152	38.45	-16.63	23.97	0.249	40.61	-16.64
846.50	5	QPSK	1 / 0	25.42	-1.50	21.77	0.150	38.45	-16.68	23.92	0.247	40.61	-16.69
826.50	5	16-QAM	1 / 0	24.81	-1.50	21.16	0.131	38.45	-17.29	23.31	0.214	40.61	-17.30
836.50	5	16-QAM	1 / 0	24.77	-1.50	21.12	0.129	38.45	-17.33	23.27	0.212	40.61	-17.34
846.50	5	16-QAM	1 / 0	24.76	-1.50	21.11	0.129	38.45	-17.34	23.26	0.212	40.61	-17.35
826.50	5	64-QAM	1 / 24	23.81	-1.50	20.16	0.104	38.45	-18.29	22.31	0.170	40.61	-18.30
836.50	5	64-QAM	1 / 24	23.85	-1.50	20.20	0.105	38.45	-18.25	22.35	0.172	40.61	-18.26
846.50	5	64-QAM	1 / 24	23.74	-1.50	20.09	0.102	38.45	-18.36	22.24	0.167	40.61	-18.37
829.00	10	QPSK	1 / 0	25.48	-1.50	21.83	0.152	38.45	-16.62	23.98	0.250	40.61	-16.63
836.50	10	QPSK	1 / 49	25.48	-1.50	21.83	0.152	38.45	-16.62	23.98	0.250	40.61	-16.63
844.00	10	QPSK	1 / 49	25.44	-1.50	21.79	0.151	38.45	-16.66	23.94	0.248	40.61	-16.67
829.00	10	16-QAM	1 / 0	24.80	-1.50	21.15	0.130	38.45	-17.30	23.30	0.214	40.61	-17.31
836.50	10	16-QAM	1 / 0	24.73	-1.50	21.08	0.128	38.45	-17.37	23.23	0.210	40.61	-17.38
844.00	10	16-QAM	1 / 49	24.76	-1.50	21.11	0.129	38.45	-17.34	23.26	0.212	40.61	-17.35
829.00	10	64-QAM	1 / 0	23.82	-1.50	20.17	0.104	38.45	-18.28	22.32	0.171	40.61	-18.29
836.50	10	64-QAM	1 / 0	23.78	-1.50	20.13	0.103	38.45	-18.32	22.28	0.169	40.61	-18.33
844.00	10	64-QAM	1 / 49	23.76	-1.50	20.11	0.103	38.45	-18.34	22.26	0.168	40.61	-18.35

Table 7-20. ERP Data (Band 5)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 273 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
824.70	1.4	QPSK	3 / 2	25.48	-1.50	21.83	0.152	38.45	-16.62	23.98	0.250	40.61	-16.63
836.50	1.4	QPSK	1 / 5	25.41	-1.50	21.76	0.150	38.45	-16.69	23.91	0.246	40.61	-16.70
848.30	1.4	QPSK	1 / 0	25.50	-1.50	21.85	0.153	38.45	-16.60	24.00	0.251	40.61	-16.61
824.70	1.4	16-QAM	1 / 0	24.79	-1.50	21.14	0.130	38.45	-17.31	23.29	0.213	40.61	-17.32
836.50	1.4	16-QAM	3 / 2	24.77	-1.50	21.12	0.129	38.45	-17.33	23.27	0.212	40.61	-17.34
848.30	1.4	16-QAM	3 / 2	24.81	-1.50	21.16	0.131	38.45	-17.29	23.31	0.214	40.61	-17.30
824.70	1.4	64-QAM	3 / 2	23.77	-1.50	20.12	0.103	38.45	-18.33	22.27	0.169	40.61	-18.34
836.50	1.4	64-QAM	3 / 2	23.84	-1.50	20.19	0.104	38.45	-18.26	22.34	0.171	40.61	-18.27
848.30	1.4	64-QAM	3 / 2	23.79	-1.50	20.14	0.103	38.45	-18.31	22.29	0.169	40.61	-18.32
825.50	3	QPSK	1 / 0	25.40	-1.50	21.75	0.150	38.45	-16.70	23.90	0.245	40.61	-16.71
836.50	3	QPSK	1 / 14	25.45	-1.50	21.80	0.151	38.45	-16.65	23.95	0.248	40.61	-16.66
847.50	3	QPSK	1 / 14	25.37	-1.50	21.72	0.149	38.45	-16.73	23.87	0.244	40.61	-16.74
825.50	3	16-QAM	1 / 14	24.56	-1.50	20.91	0.123	38.45	-17.54	23.06	0.202	40.61	-17.55
836.50	3	16-QAM	1 / 14	24.53	-1.50	20.88	0.122	38.45	-17.57	23.03	0.201	40.61	-17.58
847.50	3	16-QAM	1 / 14	24.69	-1.50	21.04	0.127	38.45	-17.41	23.19	0.208	40.61	-17.42
825.50	3	64-QAM	1 / 0	23.70	-1.50	20.05	0.101	38.45	-18.40	22.20	0.166	40.61	-18.41
836.50	3	64-QAM	1 / 14	23.85	-1.50	20.20	0.105	38.45	-18.25	22.35	0.172	40.61	-18.26
847.50	3	64-QAM	1 / 14	23.88	-1.50	20.23	0.105	38.45	-18.22	22.38	0.173	40.61	-18.23
826.50	5	QPSK	1 / 24	25.50	-1.50	21.85	0.153	38.45	-16.60	24.00	0.251	40.61	-16.61
836.50	5	QPSK	1 / 24	25.45	-1.50	21.80	0.151	38.45	-16.65	23.95	0.248	40.61	-16.66
846.50	5	QPSK	1 / 24	25.41	-1.50	21.76	0.150	38.45	-16.69	23.91	0.246	40.61	-16.70
826.50	5	16-QAM	1 / 24	24.67	-1.50	21.02	0.126	38.45	-17.43	23.17	0.207	40.61	-17.44
836.50	5	16-QAM	1 / 24	24.48	-1.50	20.83	0.121	38.45	-17.62	22.98	0.199	40.61	-17.63
846.50	5	16-QAM	1 / 24	24.68	-1.50	21.03	0.127	38.45	-17.42	23.18	0.208	40.61	-17.43
826.50	5	64-QAM	1 / 0	23.57	-1.50	19.92	0.098	38.45	-18.53	22.07	0.161	40.61	-18.54
836.50	5	64-QAM	1 / 24	23.46	-1.50	19.81	0.096	38.45	-18.64	21.96	0.157	40.61	-18.65
846.50	5	64-QAM	1 / 0	23.60	-1.50	19.95	0.099	38.45	-18.50	22.10	0.162	40.61	-18.51
829.00	10	QPSK	1 / 49	25.38	-1.50	21.73	0.149	38.45	-16.72	23.88	0.244	40.61	-16.73
836.50	10	QPSK	1 / 49	25.50	-1.50	21.85	0.153	38.45	-16.60	24.00	0.251	40.61	-16.61
844.00	10	QPSK	1 / 49	25.43	-1.50	21.78	0.151	38.45	-16.67	23.93	0.247	40.61	-16.68
829.00	10	16-QAM	1 / 49	24.50	-1.50	20.85	0.122	38.45	-17.60	23.00	0.200	40.61	-17.61
836.50	10	16-QAM	1 / 49	24.58	-1.50	20.93	0.124	38.45	-17.52	23.08	0.203	40.61	-17.53
844.00	10	16-QAM	1 / 49	24.52	-1.50	20.87	0.122	38.45	-17.58	23.02	0.200	40.61	-17.59
829.00	10	64-QAM	1 / 0	23.27	-1.50	19.62	0.092	38.45	-18.83	21.77	0.150	40.61	-18.84
836.50	10	64-QAM	1 / 49	23.37	-1.50	19.72	0.094	38.45	-18.73	21.87	0.154	40.61	-18.74
844.00	10	64-QAM	1 / 49	23.26	-1.50	19.61	0.091	38.45	-18.84	21.76	0.150	40.61	-18.85

Table 7-21. EIRP Data (Band 26)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 274 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1710.70	1.4	QPSK	1 / 5	25.46	-1.20	24.26	0.267	30.00	-5.74
1732.50	1.4	QPSK	1 / 0	25.49	-1.20	24.29	0.269	30.00	-5.71
1754.30	1.4	QPSK	3 / 2	25.50	-1.20	24.30	0.269	30.00	-5.70
1710.70	1.4	16-QAM	1 / 0	24.80	-1.20	23.60	0.229	30.00	-6.40
1732.50	1.4	16-QAM	1 / 5	24.69	-1.20	23.49	0.223	30.00	-6.51
1754.30	1.4	16-QAM	1 / 0	24.74	-1.20	23.54	0.226	30.00	-6.46
1710.70	1.4	64-QAM	3 / 2	23.82	-1.20	22.62	0.183	30.00	-7.38
1732.50	1.4	64-QAM	1 / 5	23.88	-1.20	22.68	0.185	30.00	-7.32
1754.30	1.4	64-QAM	1 / 5	23.75	-1.20	22.55	0.180	30.00	-7.45
1711.50	3	QPSK	1 / 0	25.48	-1.20	24.28	0.268	30.00	-5.72
1732.50	3	QPSK	1 / 0	25.49	-1.20	24.29	0.269	30.00	-5.71
1753.50	3	QPSK	1 / 0	25.50	-1.20	24.30	0.269	30.00	-5.70
1711.50	3	16-QAM	1 / 14	24.50	-1.20	23.30	0.214	30.00	-6.70
1732.50	3	16-QAM	1 / 14	24.72	-1.20	23.52	0.225	30.00	-6.48
1753.50	3	16-QAM	1 / 0	24.47	-1.20	23.27	0.212	30.00	-6.73
1711.50	3	64-QAM	1 / 14	23.56	-1.20	22.36	0.172	30.00	-7.64
1732.50	3	64-QAM	1 / 0	23.76	-1.20	22.56	0.180	30.00	-7.44
1753.50	3	64-QAM	1 / 0	23.48	-1.20	22.28	0.169	30.00	-7.72
1712.50	5	QPSK	1 / 0	25.46	-1.20	24.26	0.267	30.00	-5.74
1732.50	5	QPSK	1 / 0	25.45	-1.20	24.25	0.266	30.00	-5.75
1752.50	5	QPSK	1 / 24	25.48	-1.20	24.28	0.268	30.00	-5.72
1712.50	5	16-QAM	1 / 24	24.62	-1.20	23.42	0.220	30.00	-6.58
1732.50	5	16-QAM	1 / 24	24.57	-1.20	23.37	0.217	30.00	-6.63
1752.50	5	16-QAM	1 / 24	24.62	-1.20	23.42	0.220	30.00	-6.58
1712.50	5	64-QAM	1 / 0	23.41	-1.20	22.21	0.166	30.00	-7.79
1732.50	5	64-QAM	1 / 24	23.59	-1.20	22.39	0.173	30.00	-7.61
1752.50	5	64-QAM	1 / 0	23.56	-1.20	22.36	0.172	30.00	-7.64
1715.00	10	QPSK	1 / 49	25.46	-1.20	24.26	0.267	30.00	-5.74
1732.50	10	QPSK	1 / 49	25.50	-1.20	24.30	0.269	30.00	-5.70
1750.00	10	QPSK	1 / 49	25.49	-1.20	24.29	0.269	30.00	-5.71
1715.00	10	16-QAM	1 / 49	24.74	-1.20	23.54	0.226	30.00	-6.46
1732.50	10	16-QAM	1 / 49	24.85	-1.20	23.65	0.232	30.00	-6.35
1750.00	10	16-QAM	1 / 49	24.69	-1.20	23.49	0.223	30.00	-6.51
1715.00	10	64-QAM	1 / 49	23.71	-1.20	22.51	0.178	30.00	-7.49
1732.50	10	64-QAM	1 / 0	23.62	-1.20	22.42	0.175	30.00	-7.58
1750.00	10	64-QAM	1 / 0	23.53	-1.20	22.33	0.171	30.00	-7.67
1717.50	15	QPSK	1 / 74	25.48	-1.20	24.28	0.268	30.00	-5.72
1732.50	15	QPSK	1 / 0	25.48	-1.20	24.28	0.268	30.00	-5.72
1747.50	15	QPSK	1 / 74	25.50	-1.20	24.30	0.269	30.00	-5.70
1717.50	15	16-QAM	1 / 74	24.48	-1.20	23.28	0.213	30.00	-6.72
1732.50	15	16-QAM	1 / 74	24.81	-1.20	23.61	0.230	30.00	-6.39
1747.50	15	16-QAM	1 / 0	24.67	-1.20	23.47	0.222	30.00	-6.53
1717.50	15	64-QAM	1 / 74	23.50	-1.20	22.30	0.170	30.00	-7.70
1732.50	15	64-QAM	1 / 0	23.67	-1.20	22.47	0.177	30.00	-7.53
1747.50	15	64-QAM	1 / 0	23.40	-1.20	22.20	0.166	30.00	-7.80
1720.00	20	QPSK	1 / 0	25.47	-1.20	24.27	0.267	30.00	-5.73
1732.50	20	QPSK	1 / 99	25.48	-1.20	24.28	0.268	30.00	-5.72
1745.00	20	QPSK	1 / 0	25.50	-1.20	24.30	0.269	30.00	-5.70
1720.00	20	16-QAM	1 / 99	24.73	-1.20	23.53	0.225	30.00	-6.47
1732.50	20	16-QAM	1 / 99	24.77	-1.20	23.57	0.228	30.00	-6.43
1745.00	20	16-QAM	1 / 0	24.64	-1.20	23.44	0.221	30.00	-6.56
1720.00	20	64-QAM	1 / 99	23.74	-1.20	22.54	0.179	30.00	-7.46
1732.50	20	64-QAM	1 / 0	23.57	-1.20	22.37	0.173	30.00	-7.63
1745.00	20	64-QAM	1 / 0	23.52	-1.20	22.32	0.171	30.00	-7.68

Table 7-22. EIRP Data (Band 4)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 275 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1710.70	1.4	QPSK	3 / 2	25.50	-1.20	24.30	0.269	30.00	-5.70
1745.00	1.4	QPSK	3 / 2	25.49	-1.20	24.29	0.269	30.00	-5.71
1779.30	1.4	QPSK	3 / 2	25.50	-1.20	24.30	0.269	30.00	-5.70
1710.70	1.4	16-QAM	1 / 5	24.75	-1.20	23.55	0.226	30.00	-6.45
1745.00	1.4	16-QAM	1 / 0	24.91	-1.20	23.71	0.235	30.00	-6.29
1779.30	1.4	16-QAM	1 / 5	24.78	-1.20	23.58	0.228	30.00	-6.42
1710.70	1.4	64-QAM	3 / 2	23.91	-1.20	22.71	0.187	30.00	-7.29
1745.00	1.4	64-QAM	1 / 0	23.88	-1.20	22.68	0.185	30.00	-7.32
1779.30	1.4	64-QAM	3 / 2	24.00	-1.20	22.80	0.191	30.00	-7.20
1711.50	3	QPSK	1 / 0	25.48	-1.20	24.28	0.268	30.00	-5.72
1745.00	3	QPSK	1 / 14	25.50	-1.20	24.30	0.269	30.00	-5.70
1778.50	3	QPSK	1 / 0	25.47	-1.20	24.27	0.267	30.00	-5.73
1711.50	3	16-QAM	1 / 14	24.82	-1.20	23.62	0.230	30.00	-6.38
1745.00	3	16-QAM	1 / 0	24.95	-1.20	23.75	0.237	30.00	-6.25
1778.50	3	16-QAM	1 / 14	24.80	-1.20	23.60	0.229	30.00	-6.40
1711.50	3	64-QAM	1 / 0	23.92	-1.20	22.72	0.187	30.00	-7.28
1745.00	3	64-QAM	1 / 14	24.16	-1.20	22.96	0.198	30.00	-7.04
1778.50	3	64-QAM	1 / 14	24.03	-1.20	22.83	0.192	30.00	-7.17
1712.50	5	QPSK	1 / 0	25.49	-1.20	24.29	0.269	30.00	-5.71
1745.00	5	QPSK	1 / 0	25.48	-1.20	24.28	0.268	30.00	-5.72
1777.50	5	QPSK	1 / 0	25.50	-1.20	24.30	0.269	30.00	-5.70
1712.50	5	16-QAM	1 / 24	24.99	-1.20	23.79	0.239	30.00	-6.21
1745.00	5	16-QAM	1 / 0	24.93	-1.20	23.73	0.236	30.00	-6.27
1777.50	5	16-QAM	1 / 24	24.99	-1.20	23.79	0.239	30.00	-6.21
1712.50	5	64-QAM	1 / 0	23.91	-1.20	22.71	0.187	30.00	-7.29
1745.00	5	64-QAM	1 / 24	24.15	-1.20	22.95	0.197	30.00	-7.05
1777.50	5	64-QAM	1 / 24	24.18	-1.20	22.98	0.199	30.00	-7.02
1715.00	10	QPSK	1 / 0	25.50	-1.20	24.30	0.269	30.00	-5.70
1745.00	10	QPSK	1 / 49	25.48	-1.20	24.28	0.268	30.00	-5.72
1775.00	10	QPSK	1 / 49	25.50	-1.20	24.30	0.269	30.00	-5.70
1715.00	10	16-QAM	1 / 49	25.09	-1.20	23.89	0.245	30.00	-6.11
1745.00	10	16-QAM	1 / 0	25.04	-1.20	23.84	0.242	30.00	-6.16
1775.00	10	16-QAM	1 / 49	24.88	-1.20	23.68	0.233	30.00	-6.32
1715.00	10	64-QAM	1 / 49	24.07	-1.20	22.87	0.194	30.00	-7.13
1745.00	10	64-QAM	1 / 0	24.07	-1.20	22.87	0.194	30.00	-7.13
1775.00	10	64-QAM	1 / 49	23.99	-1.20	22.79	0.190	30.00	-7.21
1717.50	15	QPSK	1 / 0	25.48	-1.20	24.28	0.268	30.00	-5.72
1745.00	15	QPSK	1 / 0	25.47	-1.20	24.27	0.267	30.00	-5.73
1772.50	15	QPSK	1 / 74	25.49	-1.20	24.29	0.269	30.00	-5.71
1717.50	15	16-QAM	1 / 74	25.01	-1.20	23.81	0.240	30.00	-6.19
1745.00	15	16-QAM	1 / 0	25.03	-1.20	23.83	0.242	30.00	-6.17
1772.50	15	16-QAM	1 / 74	24.74	-1.20	23.54	0.226	30.00	-6.46
1717.50	15	64-QAM	1 / 74	23.97	-1.20	22.77	0.189	30.00	-7.23
1745.00	15	64-QAM	1 / 0	24.17	-1.20	22.97	0.198	30.00	-7.03
1772.50	15	64-QAM	1 / 74	23.88	-1.20	22.68	0.185	30.00	-7.32
1720.00	20	QPSK	1 / 0	25.50	-1.20	24.30	0.269	30.00	-5.70
1745.00	20	QPSK	1 / 0	25.50	-1.20	24.30	0.269	30.00	-5.70
1770.00	20	QPSK	1 / 0	25.45	-1.20	24.25	0.266	30.00	-5.75
1720.00	20	16-QAM	1 / 99	24.77	-1.20	23.57	0.228	30.00	-6.43
1745.00	20	16-QAM	1 / 99	24.77	-1.20	23.57	0.228	30.00	-6.43
1770.00	20	16-QAM	1 / 99	24.84	-1.20	23.64	0.231	30.00	-6.36
1720.00	20	64-QAM	1 / 99	23.80	-1.20	22.60	0.182	30.00	-7.40
1745.00	20	64-QAM	1 / 0	23.55	-1.20	22.35	0.172	30.00	-7.65
1770.00	20	64-QAM	1 / 99	23.55	-1.20	22.35	0.172	30.00	-7.65

Table 7-23. EIRP Data (Band 66)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 276 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1850.70	1.4	QPSK	1 / 0	24.98	-0.90	24.08	0.256	33.01	-8.93
1880.00	1.4	QPSK	1 / 5	24.76	-0.90	23.86	0.243	33.01	-9.15
1909.30	1.4	QPSK	3 / 2	24.87	-0.90	23.97	0.249	33.01	-9.04
1850.70	1.4	16-QAM	1 / 0	24.08	-0.90	23.18	0.208	33.01	-9.83
1880.00	1.4	16-QAM	1 / 0	23.96	-0.90	23.06	0.202	33.01	-9.95
1909.30	1.4	16-QAM	1 / 5	24.05	-0.90	23.15	0.207	33.01	-9.86
1850.70	1.4	64-QAM	1 / 5	23.72	-0.90	22.82	0.191	33.01	-10.19
1880.00	1.4	64-QAM	3 / 2	23.66	-0.90	22.76	0.189	33.01	-10.25
1909.30	1.4	64-QAM	3 / 2	23.62	-0.90	22.72	0.187	33.01	-10.29
1851.50	3	QPSK	1 / 0	25.07	-0.90	24.17	0.261	33.01	-8.84
1880.00	3	QPSK	1 / 0	24.81	-0.90	23.91	0.246	33.01	-9.10
1908.50	3	QPSK	1 / 0	24.91	-0.90	24.01	0.252	33.01	-9.00
1851.50	3	16-QAM	1 / 0	24.22	-0.90	23.32	0.215	33.01	-9.69
1880.00	3	16-QAM	1 / 0	23.98	-0.90	23.08	0.203	33.01	-9.93
1908.50	3	16-QAM	1 / 0	24.26	-0.90	23.36	0.217	33.01	-9.65
1851.50	3	64-QAM	1 / 0	23.67	-0.90	22.77	0.189	33.01	-10.24
1880.00	3	64-QAM	1 / 0	23.62	-0.90	22.72	0.187	33.01	-10.29
1908.50	3	64-QAM	1 / 0	23.79	-0.90	22.89	0.195	33.01	-10.12
1852.50	5	QPSK	1 / 0	25.17	-0.90	24.27	0.267	33.01	-8.74
1880.00	5	QPSK	1 / 0	24.98	-0.90	24.08	0.256	33.01	-8.93
1907.50	5	QPSK	1 / 0	25.03	-0.90	24.13	0.259	33.01	-8.88
1852.50	5	16-QAM	1 / 24	24.68	-0.90	23.78	0.239	33.01	-9.23
1880.00	5	16-QAM	1 / 0	24.77	-0.90	23.87	0.244	33.01	-9.14
1907.50	5	16-QAM	1 / 0	24.77	-0.90	23.87	0.244	33.01	-9.14
1852.50	5	64-QAM	1 / 24	23.77	-0.90	22.87	0.194	33.01	-10.14
1880.00	5	64-QAM	1 / 24	23.71	-0.90	22.81	0.191	33.01	-10.20
1907.50	5	64-QAM	1 / 0	23.91	-0.90	23.01	0.200	33.01	-10.00
1855.00	10	QPSK	1 / 0	25.47	-0.90	24.57	0.286	33.01	-8.44
1880.00	10	QPSK	1 / 0	25.46	-0.90	24.56	0.286	33.01	-8.45
1905.00	10	QPSK	1 / 0	25.40	-0.90	24.50	0.282	33.01	-8.51
1855.00	10	16-QAM	1 / 0	24.67	-0.90	23.77	0.238	33.01	-9.24
1880.00	10	16-QAM	1 / 0	24.53	-0.90	23.63	0.231	33.01	-9.38
1905.00	10	16-QAM	1 / 0	24.61	-0.90	23.71	0.235	33.01	-9.30
1855.00	10	64-QAM	1 / 0	23.82	-0.90	22.92	0.196	33.01	-10.09
1880.00	10	64-QAM	1 / 49	23.74	-0.90	22.84	0.192	33.01	-10.17
1905.00	10	64-QAM	1 / 49	23.71	-0.90	22.81	0.191	33.01	-10.20
1857.50	15	QPSK	1 / 0	25.50	-0.90	24.60	0.288	33.01	-8.41
1880.00	15	QPSK	1 / 0	25.41	-0.90	24.51	0.282	33.01	-8.50
1902.50	15	QPSK	1 / 0	25.46	-0.90	24.56	0.286	33.01	-8.45
1857.50	15	16-QAM	1 / 0	24.53	-0.90	23.63	0.231	33.01	-9.38
1880.00	15	16-QAM	1 / 0	24.58	-0.90	23.68	0.233	33.01	-9.33
1902.50	15	16-QAM	1 / 0	24.26	-0.90	23.36	0.217	33.01	-9.65
1857.50	15	64-QAM	1 / 0	23.79	-0.90	22.89	0.195	33.01	-10.12
1880.00	15	64-QAM	1 / 74	23.81	-0.90	22.91	0.195	33.01	-10.10
1902.50	15	64-QAM	1 / 74	23.64	-0.90	22.74	0.188	33.01	-10.27
1860.00	20	QPSK	1 / 0	25.42	-0.90	24.52	0.283	33.01	-8.49
1880.00	20	QPSK	1 / 0	25.47	-0.90	24.57	0.286	33.01	-8.44
1900.00	20	QPSK	1 / 0	25.48	-0.90	24.58	0.287	33.01	-8.43
1860.00	20	16-QAM	1 / 0	24.48	-0.90	23.58	0.228	33.01	-9.43
1880.00	20	16-QAM	1 / 0	24.66	-0.90	23.76	0.238	33.01	-9.25
1900.00	20	16-QAM	1 / 0	24.40	-0.90	23.50	0.224	33.01	-9.51
1860.00	20	64-QAM	1 / 0	23.87	-0.90	22.97	0.198	33.01	-10.04
1880.00	20	64-QAM	1 / 99	23.70	-0.90	22.80	0.191	33.01	-10.21
1900.00	20	64-QAM	1 / 99	23.75	-0.90	22.85	0.193	33.01	-10.16

Table 7-24. EIRP Data (Band 2)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 277 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1850.70	1.4	QPSK	3 / 2	25.44	-0.90	24.54	0.284	33.01	-8.47
1882.50	1.4	QPSK	1 / 0	25.43	-0.90	24.53	0.284	33.01	-8.48
1914.30	1.4	QPSK	1 / 0	25.50	-0.90	24.60	0.288	33.01	-8.41
1850.70	1.4	16-QAM	1 / 0	24.71	-0.90	23.81	0.240	33.01	-9.20
1882.50	1.4	16-QAM	1 / 0	24.60	-0.90	23.70	0.234	33.01	-9.31
1914.30	1.4	16-QAM	1 / 0	24.69	-0.90	23.79	0.239	33.01	-9.22
1850.70	1.4	64-QAM	1 / 0	23.75	-0.90	22.85	0.193	33.01	-10.16
1882.50	1.4	64-QAM	3 / 2	23.71	-0.90	22.81	0.191	33.01	-10.20
1914.30	1.4	64-QAM	1 / 5	23.70	-0.90	22.80	0.191	33.01	-10.21
1851.50	3	QPSK	1 / 0	25.44	-0.90	24.54	0.284	33.01	-8.47
1882.50	3	QPSK	1 / 0	25.42	-0.90	24.52	0.283	33.01	-8.49
1913.50	3	QPSK	1 / 14	25.35	-0.90	24.45	0.279	33.01	-8.56
1851.50	3	16-QAM	1 / 0	24.72	-0.90	23.82	0.241	33.01	-9.19
1882.50	3	16-QAM	1 / 0	24.78	-0.90	23.88	0.244	33.01	-9.13
1913.50	3	16-QAM	1 / 0	24.80	-0.90	23.90	0.245	33.01	-9.11
1851.50	3	64-QAM	1 / 14	23.67	-0.90	22.77	0.189	33.01	-10.24
1882.50	3	64-QAM	1 / 0	23.67	-0.90	22.77	0.189	33.01	-10.24
1913.50	3	64-QAM	1 / 14	23.86	-0.90	22.96	0.198	33.01	-10.05
1852.50	5	QPSK	1 / 0	25.40	-0.90	24.50	0.282	33.01	-8.51
1882.50	5	QPSK	1 / 0	25.48	-0.90	24.58	0.287	33.01	-8.43
1912.50	5	QPSK	1 / 0	25.45	-0.90	24.55	0.285	33.01	-8.46
1852.50	5	16-QAM	1 / 0	24.74	-0.90	23.84	0.242	33.01	-9.17
1882.50	5	16-QAM	1 / 0	24.68	-0.90	23.78	0.239	33.01	-9.23
1912.50	5	16-QAM	1 / 0	24.74	-0.90	23.84	0.242	33.01	-9.17
1852.50	5	64-QAM	1 / 24	23.75	-0.90	22.85	0.193	33.01	-10.16
1882.50	5	64-QAM	1 / 24	23.78	-0.90	22.88	0.194	33.01	-10.13
1912.50	5	64-QAM	1 / 24	23.94	-0.90	23.04	0.201	33.01	-9.97
1855.00	10	QPSK	1 / 0	25.49	-0.90	24.59	0.288	33.01	-8.42
1882.50	10	QPSK	1 / 0	25.43	-0.90	24.53	0.284	33.01	-8.48
1910.00	10	QPSK	1 / 0	25.46	-0.90	24.56	0.286	33.01	-8.45
1855.00	10	16-QAM	1 / 0	24.61	-0.90	23.71	0.235	33.01	-9.30
1882.50	10	16-QAM	1 / 49	24.39	-0.90	23.49	0.223	33.01	-9.52
1910.00	10	16-QAM	1 / 0	24.31	-0.90	23.41	0.219	33.01	-9.60
1855.00	10	64-QAM	1 / 49	23.92	-0.90	23.02	0.200	33.01	-9.99
1882.50	10	64-QAM	1 / 49	23.80	-0.90	22.90	0.195	33.01	-10.11
1910.00	10	64-QAM	1 / 49	23.77	-0.90	22.87	0.194	33.01	-10.14
1857.50	15	QPSK	1 / 0	25.41	-0.90	24.51	0.282	33.01	-8.50
1882.50	15	QPSK	1 / 0	25.48	-0.90	24.58	0.287	33.01	-8.43
1907.50	15	QPSK	1 / 0	25.48	-0.90	24.58	0.287	33.01	-8.43
1857.50	15	16-QAM	1 / 0	24.48	-0.90	23.58	0.228	33.01	-9.43
1882.50	15	16-QAM	1 / 0	24.31	-0.90	23.41	0.219	33.01	-9.60
1907.50	15	16-QAM	1 / 0	24.11	-0.90	23.21	0.209	33.01	-9.80
1857.50	15	64-QAM	1 / 0	23.69	-0.90	22.79	0.190	33.01	-10.22
1882.50	15	64-QAM	1 / 74	23.72	-0.90	22.82	0.191	33.01	-10.19
1907.50	15	64-QAM	1 / 74	23.84	-0.90	22.94	0.197	33.01	-10.07
1860.00	20	QPSK	1 / 0	25.31	-0.90	24.41	0.276	33.01	-8.60
1882.50	20	QPSK	1 / 0	25.48	-0.90	24.58	0.287	33.01	-8.43
1905.00	20	QPSK	1 / 0	25.47	-0.90	24.57	0.286	33.01	-8.44
1860.00	20	16-QAM	50 / 25	24.87	-0.90	23.97	0.249	33.01	-9.04
1882.50	20	16-QAM	50 / 25	24.69	-0.90	23.79	0.239	33.01	-9.22
1905.00	20	16-QAM	1 / 99	24.75	-0.90	23.85	0.243	33.01	-9.16
1860.00	20	64-QAM	1 / 0	23.87	-0.90	22.97	0.198	33.01	-10.04
1882.50	20	64-QAM	1 / 99	23.67	-0.90	22.77	0.189	33.01	-10.24
1905.00	20	64-QAM	1 / 99	23.74	-0.90	22.84	0.192	33.01	-10.17

Table 7-25. EIRP Data (Band 25)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 278 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
2307.50	5	QPSK	1 / 0	22.69	0.30	22.99	0.199	23.98	-0.99
2312.50	5	QPSK	1 / 24	22.70	0.30	23.00	0.200	23.98	-0.98
2307.50	5	16-QAM	1 / 24	22.09	0.30	22.39	0.173	23.98	-1.59
2312.50	5	16-QAM	1 / 0	22.02	0.30	22.32	0.171	23.98	-1.66
2307.50	5	64-QAM	1 / 24	21.17	0.30	21.47	0.140	23.98	-2.51
2312.50	5	64-QAM	1 / 0	21.01	0.30	21.31	0.135	23.98	-2.67
2310.00	10	QPSK	1 / 0	22.69	0.30	22.99	0.199	23.98	-0.99
2310.00	10	16-QAM	1 / 49	22.12	0.30	22.42	0.175	23.98	-1.56
2310.00	10	64-QAM	1 / 49	21.17	0.30	21.47	0.140	23.98	-2.51

Table 7-26. EIRP Data (Band 30)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 279 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
2502.50	5	QPSK	1 / 0	25.50	0.60	26.10	0.407	33.01	-6.91
2535.00	5	QPSK	1 / 0	25.47	0.60	26.07	0.405	33.01	-6.94
2567.50	5	QPSK	1 / 0	25.42	0.60	26.02	0.400	33.01	-6.99
2502.50	5	16-QAM	1 / 0	24.91	0.60	25.51	0.356	33.01	-7.50
2535.00	5	16-QAM	1 / 0	24.86	0.60	25.46	0.352	33.01	-7.55
2567.50	5	16-QAM	1 / 0	24.74	0.60	25.34	0.342	33.01	-7.67
2502.50	5	64-QAM	1 / 0	23.62	0.60	24.22	0.264	33.01	-8.79
2535.00	5	64-QAM	1 / 24	24.02	0.60	24.62	0.290	33.01	-8.39
2567.50	5	64-QAM	1 / 24	23.85	0.60	24.45	0.279	33.01	-8.56
2505.00	10	QPSK	1 / 0	25.46	0.60	26.06	0.404	33.01	-6.95
2535.00	10	QPSK	1 / 0	25.44	0.60	26.04	0.402	33.01	-6.97
2565.00	10	QPSK	1 / 0	25.50	0.60	26.10	0.407	33.01	-6.91
2505.00	10	16-QAM	1 / 0	24.87	0.60	25.47	0.352	33.01	-7.54
2535.00	10	16-QAM	1 / 0	24.69	0.60	25.29	0.338	33.01	-7.72
2565.00	10	16-QAM	1 / 0	24.74	0.60	25.34	0.342	33.01	-7.67
2505.00	10	64-QAM	1 / 49	23.81	0.60	24.41	0.276	33.01	-8.60
2535.00	10	64-QAM	1 / 49	24.02	0.60	24.62	0.290	33.01	-8.39
2565.00	10	64-QAM	1 / 49	23.67	0.60	24.27	0.267	33.01	-8.74
2507.50	15	QPSK	1 / 0	25.43	0.60	26.03	0.401	33.01	-6.98
2535.00	15	QPSK	1 / 0	25.46	0.60	26.06	0.404	33.01	-6.95
2562.50	15	QPSK	1 / 0	25.50	0.60	26.10	0.407	33.01	-6.91
2507.50	15	16-QAM	1 / 0	24.59	0.60	25.19	0.330	33.01	-7.82
2535.00	15	16-QAM	1 / 0	24.53	0.60	25.13	0.326	33.01	-7.88
2562.50	15	16-QAM	1 / 0	24.36	0.60	24.96	0.313	33.01	-8.05
2507.50	15	64-QAM	1 / 74	23.81	0.60	24.41	0.276	33.01	-8.60
2535.00	15	64-QAM	1 / 74	23.92	0.60	24.52	0.283	33.01	-8.49
2562.50	15	64-QAM	1 / 74	23.67	0.60	24.27	0.267	33.01	-8.74
2510.00	20	QPSK	1 / 0	25.47	0.60	26.07	0.405	33.01	-6.94
2535.00	20	QPSK	1 / 0	25.43	0.60	26.03	0.401	33.01	-6.98
2560.00	20	QPSK	1 / 0	25.48	0.60	26.08	0.406	33.01	-6.93
2510.00	20	16-QAM	1 / 0	24.25	0.60	24.85	0.305	33.01	-8.16
2535.00	20	16-QAM	1 / 0	24.47	0.60	25.07	0.321	33.01	-7.94
2560.00	20	16-QAM	1 / 0	24.12	0.60	24.72	0.296	33.01	-8.29
2510.00	20	64-QAM	1 / 99	23.87	0.60	24.47	0.280	33.01	-8.54
2535.00	20	64-QAM	1 / 0	23.70	0.60	24.30	0.269	33.01	-8.71
2560.00	20	64-QAM	1 / 99	23.72	0.60	24.32	0.270	33.01	-8.69

Table 7-27. EIRP Data (Band 7)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 280 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
2498.50	5	QPSK	1 / 0	26.94	0.60	27.54	0.568	33.01	-5.47
2593.00	5	QPSK	1 / 0	26.89	0.60	27.49	0.561	33.01	-5.52
2687.50	5	QPSK	1 / 0	26.74	0.60	27.34	0.542	33.01	-5.67
2498.50	5	16-QAM	1 / 0	26.41	0.60	27.01	0.502	33.01	-6.00
2593.00	5	16-QAM	1 / 0	26.21	0.60	26.81	0.480	33.01	-6.20
2687.50	5	16-QAM	1 / 0	26.21	0.60	26.81	0.480	33.01	-6.20
2498.50	5	64-QAM	1 / 24	25.37	0.60	25.97	0.395	33.01	-7.04
2593.00	5	64-QAM	1 / 24	25.34	0.60	25.94	0.393	33.01	-7.07
2687.50	5	64-QAM	1 / 0	25.17	0.60	25.77	0.378	33.01	-7.24
2501.00	10	QPSK	1 / 0	26.98	0.60	27.58	0.573	33.01	-5.43
2593.00	10	QPSK	1 / 0	26.91	0.60	27.51	0.564	33.01	-5.50
2685.00	10	QPSK	1 / 0	26.94	0.60	27.54	0.568	33.01	-5.47
2501.00	10	16-QAM	1 / 0	26.38	0.60	26.98	0.499	33.01	-6.03
2593.00	10	16-QAM	1 / 0	26.31	0.60	26.91	0.491	33.01	-6.10
2685.00	10	16-QAM	1 / 0	26.16	0.60	26.76	0.474	33.01	-6.25
2501.00	10	64-QAM	1 / 0	25.21	0.60	25.81	0.381	33.01	-7.20
2593.00	10	64-QAM	1 / 49	25.31	0.60	25.91	0.390	33.01	-7.10
2685.00	10	64-QAM	1 / 0	25.01	0.60	25.61	0.364	33.01	-7.40
2503.50	15	QPSK	1 / 0	26.91	0.60	27.51	0.564	33.01	-5.50
2593.00	15	QPSK	1 / 0	26.96	0.60	27.56	0.570	33.01	-5.45
2682.50	15	QPSK	1 / 0	27.00	0.60	27.60	0.575	33.01	-5.41
2503.50	15	16-QAM	1 / 0	26.32	0.60	26.92	0.492	33.01	-6.09
2593.00	15	16-QAM	1 / 0	26.56	0.60	27.16	0.520	33.01	-5.85
2682.50	15	16-QAM	1 / 0	26.12	0.60	26.72	0.470	33.01	-6.29
2503.50	15	64-QAM	1 / 0	25.21	0.60	25.81	0.381	33.01	-7.20
2593.00	15	64-QAM	1 / 74	25.21	0.60	25.81	0.381	33.01	-7.20
2682.50	15	64-QAM	1 / 0	25.06	0.60	25.66	0.368	33.01	-7.35
2506.00	20	QPSK	1 / 0	27.00	0.60	27.60	0.575	33.01	-5.41
2593.00	20	QPSK	1 / 0	26.98	0.60	27.58	0.573	33.01	-5.43
2680.00	20	QPSK	1 / 0	26.94	0.60	27.54	0.568	33.01	-5.47
2506.00	20	16-QAM	1 / 0	26.19	0.60	26.79	0.478	33.01	-6.22
2593.00	20	16-QAM	1 / 0	26.14	0.60	26.74	0.472	33.01	-6.27
2680.00	20	16-QAM	1 / 0	25.89	0.60	26.49	0.446	33.01	-6.52
2506.00	20	64-QAM	1 / 99	25.15	0.60	25.75	0.376	33.01	-7.26
2593.00	20	64-QAM	1 / 99	25.31	0.60	25.91	0.390	33.01	-7.10
2680.00	20	64-QAM	1 / 99	25.09	0.60	25.69	0.371	33.01	-7.32

Table 7-28. EIRP Data (Band 41)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 281 of 363

7.8.2 Port B Radiated Power (ERP/EIRP)

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
665.50	5	QPSK	1 / 0	24.50	-3.50	18.85	0.077	34.77	-15.92
680.50	5	QPSK	1 / 0	24.40	-3.50	18.75	0.075	34.77	-16.02
695.50	5	QPSK	1 / 0	24.47	-3.50	18.82	0.076	34.77	-15.95
665.50	5	16-QAM	1 / 24	23.68	-3.50	18.03	0.064	34.77	-16.74
680.50	5	16-QAM	1 / 0	23.90	-3.50	18.25	0.067	34.77	-16.52
695.50	5	16-QAM	1 / 0	23.84	-3.50	18.19	0.066	34.77	-16.58
665.50	5	64-QAM	1 / 0	22.92	-3.50	17.27	0.053	34.77	-17.50
680.50	5	64-QAM	1 / 0	22.88	-3.50	17.23	0.053	34.77	-17.54
695.50	5	64-QAM	1 / 0	22.94	-3.50	17.29	0.054	34.77	-17.48
668.00	10	QPSK	1 / 0	24.46	-3.50	18.81	0.076	34.77	-15.96
680.50	10	QPSK	1 / 0	24.45	-3.50	18.80	0.076	34.77	-15.97
693.00	10	QPSK	1 / 0	24.41	-3.50	18.76	0.075	34.77	-16.01
668.00	10	16-QAM	1 / 0	23.67	-3.50	18.02	0.063	34.77	-16.75
680.50	10	16-QAM	1 / 0	23.44	-3.50	17.79	0.060	34.77	-16.98
693.00	10	16-QAM	1 / 0	23.68	-3.50	18.03	0.064	34.77	-16.74
668.00	10	64-QAM	1 / 0	22.95	-3.50	17.30	0.054	34.77	-17.47
680.50	10	64-QAM	1 / 0	22.91	-3.50	17.26	0.053	34.77	-17.51
693.00	10	64-QAM	1 / 0	22.87	-3.50	17.22	0.053	34.77	-17.55
670.50	15	QPSK	1 / 0	24.30	-3.50	18.65	0.073	34.77	-16.12
680.50	15	QPSK	1 / 0	24.46	-3.50	18.81	0.076	34.77	-15.96
690.50	15	QPSK	1 / 0	24.42	-3.50	18.77	0.075	34.77	-16.00
670.50	15	16-QAM	36 / 18	23.99	-3.50	18.34	0.068	34.77	-16.43
680.50	15	16-QAM	36 / 18	23.91	-3.50	18.26	0.067	34.77	-16.51
690.50	15	16-QAM	75 / 0	24.12	-3.50	18.47	0.070	34.77	-16.30
670.50	15	64-QAM	1 / 0	22.87	-3.50	17.22	0.053	34.77	-17.55
680.50	15	64-QAM	1 / 74	22.91	-3.50	17.26	0.053	34.77	-17.51
690.50	15	64-QAM	1 / 74	22.78	-3.50	17.13	0.052	34.77	-17.64
673.00	20	QPSK	1 / 0	24.45	-3.50	18.80	0.076	34.77	-15.97
680.50	20	QPSK	1 / 0	24.48	-3.50	18.83	0.076	34.77	-15.94
688.00	20	QPSK	1 / 0	24.41	-3.50	18.76	0.075	34.77	-16.01
673.00	20	16-QAM	1 / 99	23.74	-3.50	18.09	0.064	34.77	-16.68
680.50	20	16-QAM	100 / 0	24.13	-3.50	18.48	0.070	34.77	-16.29
688.00	20	16-QAM	100 / 0	24.02	-3.50	18.37	0.069	34.77	-16.40
673.00	20	64-QAM	1 / 0	22.98	-3.50	17.33	0.054	34.77	-17.44
680.50	20	64-QAM	1 / 99	22.84	-3.50	17.19	0.052	34.77	-17.58
688.00	20	64-QAM	1 / 99	22.90	-3.50	17.25	0.053	34.77	-17.52

Table 7-29. ERP Data (Band 71)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 282 of 363

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
699.70	1.4	QPSK	1 / 0	24.44	-3.50	18.79	0.076	34.77	-15.98	20.94	0.124	36.99	-16.05
707.50	1.4	QPSK	1 / 0	24.48	-3.50	18.83	0.076	34.77	-15.94	20.98	0.125	36.99	-16.01
715.30	1.4	QPSK	3 / 2	24.50	-3.50	18.85	0.077	34.77	-15.92	21.00	0.126	36.99	-15.99
699.70	1.4	16-QAM	1 / 0	23.72	-3.50	18.07	0.064	34.77	-16.70	20.22	0.105	36.99	-16.77
707.50	1.4	16-QAM	1 / 0	23.91	-3.50	18.26	0.067	34.77	-16.51	20.41	0.110	36.99	-16.58
715.30	1.4	16-QAM	1 / 0	23.76	-3.50	18.11	0.065	34.77	-16.66	20.26	0.106	36.99	-16.73
699.70	1.4	64-QAM	1 / 0	22.61	-3.50	16.96	0.050	34.77	-17.81	19.11	0.081	36.99	-17.88
707.50	1.4	64-QAM	1 / 5	22.86	-3.50	17.21	0.053	34.77	-17.56	19.36	0.086	36.99	-17.63
715.30	1.4	64-QAM	1 / 5	22.81	-3.50	17.16	0.052	34.77	-17.61	19.31	0.085	36.99	-17.68
700.50	3	QPSK	1 / 14	24.50	-3.50	18.85	0.077	34.77	-15.92	21.00	0.126	36.99	-15.99
707.50	3	QPSK	1 / 14	24.48	-3.50	18.83	0.076	34.77	-15.94	20.98	0.125	36.99	-16.01
714.50	3	QPSK	1 / 14	24.45	-3.50	18.80	0.076	34.77	-15.97	20.95	0.124	36.99	-16.04
700.50	3	16-QAM	1 / 0	23.72	-3.50	18.07	0.064	34.77	-16.70	20.22	0.105	36.99	-16.77
707.50	3	16-QAM	1 / 0	23.93	-3.50	18.28	0.067	34.77	-16.49	20.43	0.110	36.99	-16.56
714.50	3	16-QAM	1 / 0	23.77	-3.50	18.12	0.065	34.77	-16.65	20.27	0.106	36.99	-16.72
700.50	3	64-QAM	1 / 0	22.68	-3.50	17.03	0.050	34.77	-17.74	19.18	0.083	36.99	-17.81
707.50	3	64-QAM	1 / 14	22.82	-3.50	17.17	0.052	34.77	-17.60	19.32	0.086	36.99	-17.67
714.50	3	64-QAM	1 / 0	22.77	-3.50	17.12	0.052	34.77	-17.65	19.27	0.085	36.99	-17.72
701.50	5	QPSK	1 / 0	24.48	-3.50	18.83	0.076	34.77	-15.94	20.98	0.125	36.99	-16.01
707.50	5	QPSK	1 / 0	24.50	-3.50	18.85	0.077	34.77	-15.92	21.00	0.126	36.99	-15.99
713.50	5	QPSK	1 / 0	24.49	-3.50	18.84	0.077	34.77	-15.93	20.99	0.126	36.99	-16.00
701.50	5	16-QAM	1 / 0	23.57	-3.50	17.92	0.062	34.77	-16.85	20.07	0.102	36.99	-16.92
707.50	5	16-QAM	1 / 0	23.51	-3.50	17.86	0.061	34.77	-16.91	20.01	0.100	36.99	-16.98
713.50	5	16-QAM	1 / 0	23.64	-3.50	17.99	0.063	34.77	-16.78	20.14	0.103	36.99	-16.85
701.50	5	64-QAM	1 / 24	22.76	-3.50	17.11	0.051	34.77	-17.66	19.26	0.084	36.99	-17.73
707.50	5	64-QAM	1 / 24	22.91	-3.50	17.26	0.053	34.77	-17.51	19.41	0.087	36.99	-17.58
713.50	5	64-QAM	1 / 24	22.91	-3.50	17.26	0.053	34.77	-17.51	19.41	0.087	36.99	-17.58
704.00	10	QPSK	1 / 0	24.43	-3.50	18.78	0.076	34.77	-15.99	20.93	0.124	36.99	-16.06
707.50	10	QPSK	1 / 49	24.47	-3.50	18.82	0.076	34.77	-15.95	20.97	0.125	36.99	-16.02
711.00	10	QPSK	1 / 0	24.50	-3.50	18.85	0.077	34.77	-15.92	21.00	0.126	36.99	-15.99
704.00	10	16-QAM	1 / 49	23.75	-3.50	18.10	0.065	34.77	-16.67	20.25	0.106	36.99	-16.74
707.50	10	16-QAM	1 / 49	23.94	-3.50	18.29	0.067	34.77	-16.48	20.44	0.111	36.99	-16.55
711.00	10	16-QAM	1 / 0	23.77	-3.50	18.12	0.065	34.77	-16.65	20.27	0.106	36.99	-16.72
704.00	10	64-QAM	1 / 49	22.93	-3.50	17.28	0.053	34.77	-17.49	19.43	0.088	36.99	-17.56
707.50	10	64-QAM	1 / 49	22.84	-3.50	17.19	0.052	34.77	-17.58	19.34	0.086	36.99	-17.65
711.00	10	64-QAM	1 / 0	22.88	-3.50	17.23	0.053	34.77	-17.54	19.38	0.087	36.99	-17.61

Table 7-30. ERP Data (Band 12)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
706.50	5	QPSK	1 / 0	24.50	-3.50	18.85	0.077	34.77	-15.92	21.00	0.126	36.99	-15.99
710.00	5	QPSK	1 / 0	24.43	-3.50	18.78	0.076	34.77	-15.99	20.93	0.124	36.99	-16.06
713.50	5	QPSK	1 / 24	24.49	-3.50	18.84	0.077	34.77	-15.93	20.99	0.126	36.99	-16.00
706.50	5	16-QAM	1 / 0	23.67	-3.50	18.02	0.063	34.77	-16.75	20.17	0.104	36.99	-16.82
710.00	5	16-QAM	1 / 0	23.67	-3.50	18.02	0.063	34.77	-16.75	20.17	0.104	36.99	-16.82
713.50	5	16-QAM	1 / 0	23.46	-3.50	17.81	0.060	34.77	-16.96	19.96	0.099	36.99	-17.03
706.50	5	64-QAM	1 / 24	22.84	-3.50	17.19	0.052	34.77	-17.58	19.34	0.086	36.99	-17.65
710.00	5	64-QAM	1 / 0	22.91	-3.50	17.26	0.053	34.77	-17.51	19.41	0.087	36.99	-17.58
713.50	5	64-QAM	1 / 24	22.92	-3.50	17.27	0.053	34.77	-17.50	19.42	0.087	36.99	-17.57
709.00	10	QPSK	1 / 0	24.38	-3.50	18.73	0.075	34.77	-16.04	20.88	0.122	36.99	-16.11
710.00	10	QPSK	1 / 0	24.46	-3.50	18.81	0.076	34.77	-15.96	20.96	0.125	36.99	-16.03
711.00	10	QPSK	1 / 49	23.70	-3.50	18.05	0.064	34.77	-16.72	20.20	0.105	36.99	-16.79
709.00	10	16-QAM	1 / 0	23.50	-3.50	17.85	0.061	34.77	-16.92	20.00	0.100	36.99	-16.99
710.00	10	16-QAM	1 / 0	23.82	-3.50	18.17	0.066	34.77	-16.60	20.32	0.108	36.99	-16.67
711.00	10	16-QAM	1 / 0	23.62	-3.50	17.97	0.063	34.77	-16.80	20.12	0.103	36.99	-16.87
709.00	10	64-QAM	1 / 49	22.81	-3.50	17.16	0.052	34.77	-17.61	19.31	0.085	36.99	-17.68
710.00	10	64-QAM	1 / 49	22.75	-3.50	17.10	0.051	34.77	-17.67	19.25	0.084	36.99	-17.74
711.00	10	64-QAM	1 / 0	22.83	-3.50	17.18	0.052	34.77	-17.59	19.33	0.086	36.99	-17.66

Table 7-31. ERP Data (Band 17)

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
779.50	5	QPSK	1 / 0	24.43	-3.50	18.78	0.076	34.77	-15.99	20.93	0.124	36.99	-16.06
782.00	5	QPSK	1 / 0	24.49	-3.50	18.84	0.077	34.77	-15.93	20.99	0.126	36.99	-16.00
784.50	5	QPSK	1 / 0	24.16	-3.50	18.51	0.071	34.77	-16.26	20.66	0.116	36.99	-16.33
779.50	5	16-QAM	1 / 0	23.81	-3.50	18.16	0.065	34.77	-16.61	20.31	0.107	36.99	-16.68
782.00	5	16-QAM	1 / 0	23.53	-3.50	17.88	0.061	34.77	-16.89	20.03	0.101	36.99	-16.96
784.50	5	16-QAM	1 / 0	23.40	-3.50	17.75	0.060	34.77	-17.02	19.90	0.098	36.99	-17.09
779.50	5	64-QAM	1 / 0	23.31	-3.50	17.66	0.058	34.77	-17.11	19.81	0.096	36.99	-17.18
782.00	5	64-QAM	1 / 0	22.93	-3.50	17.28	0.053	34.77	-17.49	19.43	0.088	36.99	-17.56
784.50	5	64-QAM	1 / 24	22.91	-3.50	17.26	0.053	34.77	-17.51	19.41	0.087	36.99	-17.58
782.00	10	QPSK	1 / 0	24.47	-3.50	18.82	0.076	34.77	-15.95	20.97	0.125	36.99	-16.02
782.00	10	16-QAM	1 / 0	23.79	-3.50	18.14	0.065	34.77	-16.63	20.29	0.107	36.99	-16.70
782.00	10	64-QAM	1 / 0	23.30	-3.50	17.65	0.058	34.77	-17.12	19.80	0.095	36.99	-17.19

Table 7-32. ERP Data (Band 13)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)								Approved by: Quality Manager
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Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
824.70	1.4	QPSK	3 / 2	24.39	-2.60	19.64	0.092	38.45	-18.81	21.79	0.151	40.61	-18.82
836.50	1.4	QPSK	1 / 0	24.45	-2.60	19.70	0.093	38.45	-18.75	21.85	0.153	40.61	-18.76
848.30	1.4	QPSK	3 / 2	24.40	-2.60	19.65	0.092	38.45	-18.80	21.80	0.151	40.61	-18.81
824.70	1.4	16-QAM	1 / 0	23.65	-2.60	18.90	0.078	38.45	-19.55	21.05	0.127	40.61	-19.56
836.50	1.4	16-QAM	1 / 0	23.63	-2.60	18.88	0.077	38.45	-19.57	21.03	0.127	40.61	-19.58
848.30	1.4	16-QAM	1 / 0	23.86	-2.60	19.11	0.081	38.45	-19.34	21.26	0.134	40.61	-19.35
824.70	1.4	64-QAM	1 / 0	23.17	-2.60	18.42	0.070	38.45	-20.03	20.57	0.114	40.61	-20.04
836.50	1.4	64-QAM	1 / 0	23.21	-2.60	18.46	0.070	38.45	-19.99	20.61	0.115	40.61	-20.00
848.30	1.4	64-QAM	1 / 0	23.32	-2.60	18.57	0.072	38.45	-19.88	20.72	0.118	40.61	-19.89
825.50	3	QPSK	1 / 0	24.46	-2.60	19.71	0.094	38.45	-18.74	21.86	0.153	40.61	-18.75
836.50	3	QPSK	1 / 0	24.30	-2.60	19.55	0.090	38.45	-18.90	21.70	0.148	40.61	-18.91
847.50	3	QPSK	1 / 0	24.46	-2.60	19.71	0.094	38.45	-18.74	21.86	0.153	40.61	-18.75
825.50	3	16-QAM	1 / 0	23.59	-2.60	18.84	0.077	38.45	-19.61	20.99	0.126	40.61	-19.62
836.50	3	16-QAM	1 / 0	23.70	-2.60	18.95	0.079	38.45	-19.50	21.10	0.129	40.61	-19.51
847.50	3	16-QAM	1 / 0	23.66	-2.60	18.91	0.078	38.45	-19.54	21.06	0.128	40.61	-19.55
825.50	3	64-QAM	1 / 0	23.15	-2.60	18.40	0.069	38.45	-20.05	20.55	0.114	40.61	-20.06
836.50	3	64-QAM	1 / 14	23.17	-2.60	18.42	0.070	38.45	-20.03	20.57	0.114	40.61	-20.04
847.50	3	64-QAM	1 / 14	23.21	-2.60	18.46	0.070	38.45	-19.99	20.61	0.115	40.61	-20.00
826.50	5	QPSK	1 / 0	24.41	-2.60	19.66	0.092	38.45	-18.79	21.81	0.152	40.61	-18.80
836.50	5	QPSK	1 / 0	24.49	-2.60	19.74	0.094	38.45	-18.71	21.89	0.155	40.61	-18.72
846.50	5	QPSK	1 / 0	24.46	-2.60	19.71	0.094	38.45	-18.74	21.86	0.153	40.61	-18.75
826.50	5	16-QAM	1 / 0	23.81	-2.60	19.06	0.081	38.45	-19.39	21.21	0.132	40.61	-19.40
836.50	5	16-QAM	1 / 0	23.90	-2.60	19.15	0.082	38.45	-19.30	21.30	0.135	40.61	-19.31
846.50	5	16-QAM	1 / 0	23.97	-2.60	19.22	0.084	38.45	-19.23	21.37	0.137	40.61	-19.24
826.50	5	64-QAM	1 / 0	23.20	-2.60	18.45	0.070	38.45	-20.00	20.60	0.115	40.61	-20.01
836.50	5	64-QAM	1 / 24	23.23	-2.60	18.48	0.070	38.45	-19.97	20.63	0.116	40.61	-19.98
846.50	5	64-QAM	1 / 24	23.31	-2.60	18.56	0.072	38.45	-19.89	20.71	0.118	40.61	-19.90
829.00	10	QPSK	1 / 0	24.45	-2.60	19.70	0.093	38.45	-18.75	21.85	0.153	40.61	-18.76
836.50	10	QPSK	1 / 0	24.41	-2.60	19.66	0.092	38.45	-18.79	21.81	0.152	40.61	-18.80
844.00	10	QPSK	1 / 0	24.41	-2.60	19.66	0.092	38.45	-18.79	21.81	0.152	40.61	-18.80
829.00	10	16-QAM	1 / 0	23.78	-2.60	19.03	0.080	38.45	-19.42	21.18	0.131	40.61	-19.43
836.50	10	16-QAM	1 / 0	23.67	-2.60	18.92	0.078	38.45	-19.53	21.07	0.128	40.61	-19.54
844.00	10	16-QAM	1 / 0	23.84	-2.60	19.09	0.081	38.45	-19.36	21.24	0.133	40.61	-19.37
829.00	10	64-QAM	1 / 0	23.25	-2.60	18.50	0.071	38.45	-19.95	20.65	0.116	40.61	-19.96
836.50	10	64-QAM	1 / 49	23.20	-2.60	18.45	0.070	38.45	-20.00	20.60	0.115	40.61	-20.01
844.00	10	64-QAM	1 / 49	23.26	-2.60	18.51	0.071	38.45	-19.94	20.66	0.116	40.61	-19.95

Table 7-33. ERP Data (Band 5)

FCC ID: BCGA2126	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1811080026-03-R2.BCG	Test Dates: 12/19/2018-02/13/2019	EUT Type: Tablet Device	Page 285 of 363