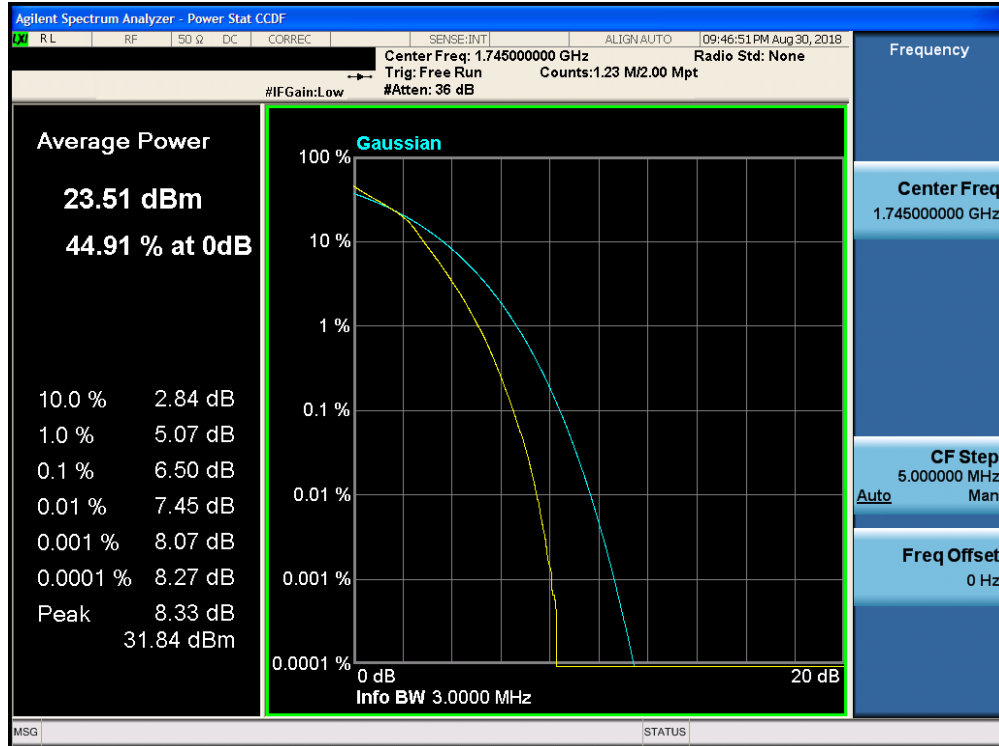
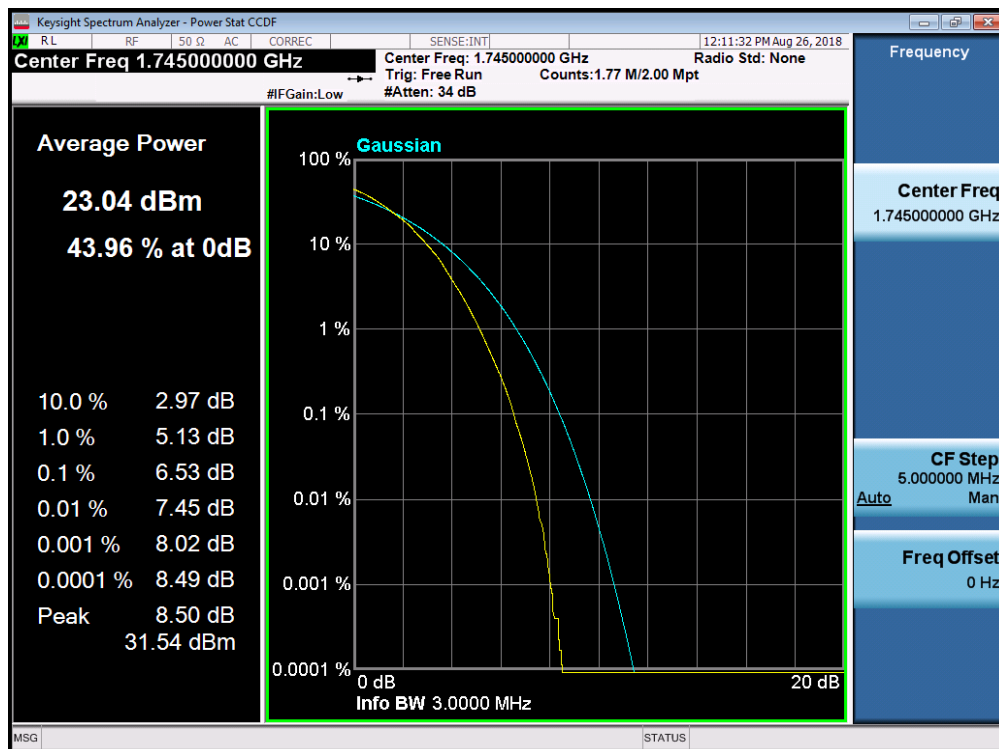


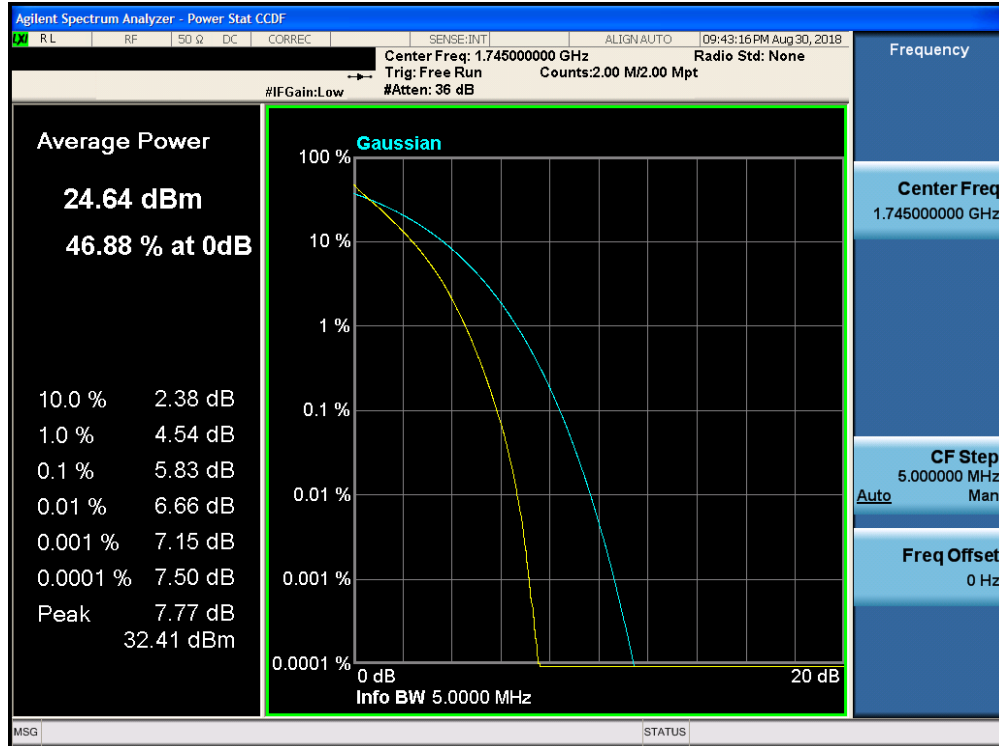


Plot 7-340. PAR Plot (Band 66 – 3.0MHz 16-QAM – RB Size 15)

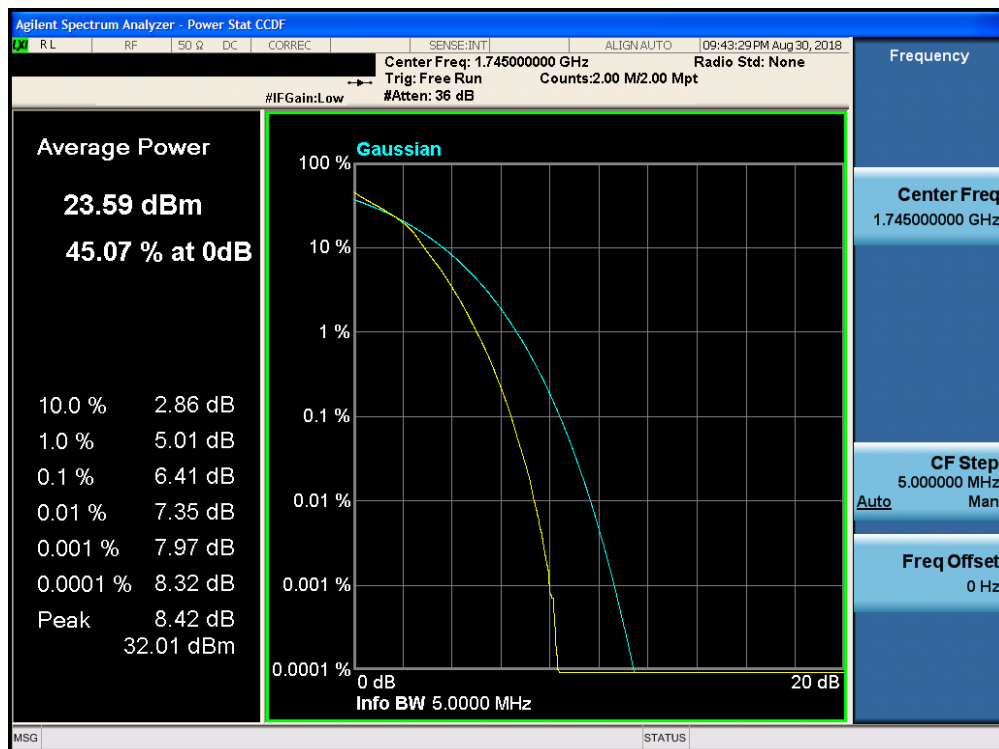


Plot 7-341. PAR Plot (Band 66 – 3.0MHz 64-QAM – RB Size 15)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 198 of 370

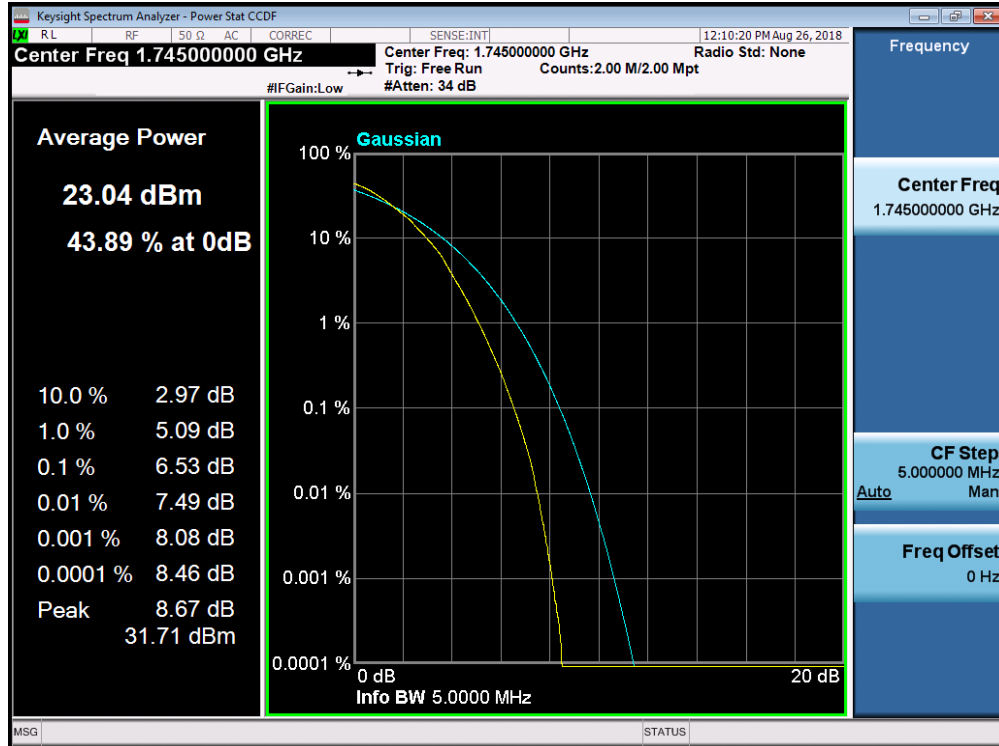


Plot 7-342. PAR Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

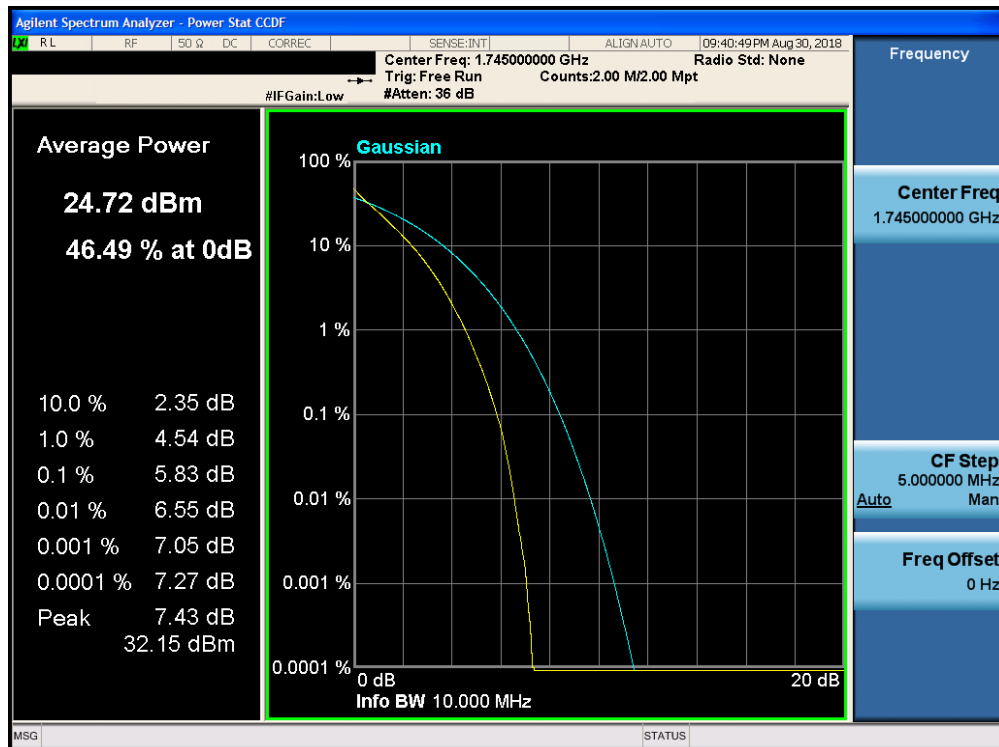


Plot 7-343. PAR Plot (Band 66 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 199 of 370

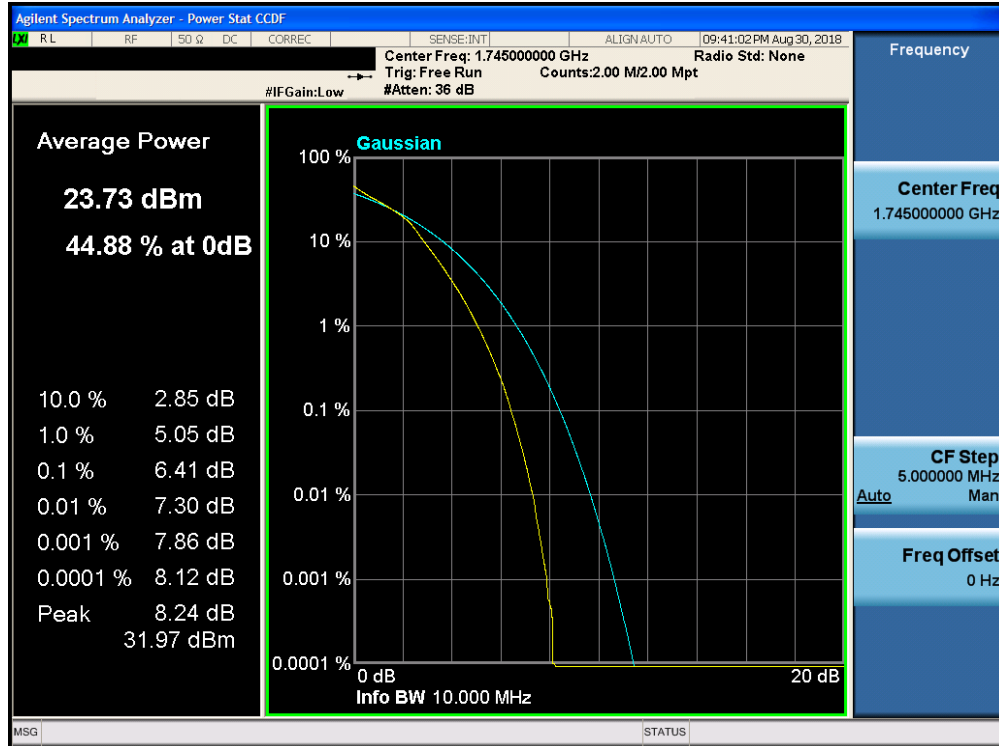


Plot 7-344. PAR Plot (Band 66 – 5.0MHz 64-QAM – RB Size 25)

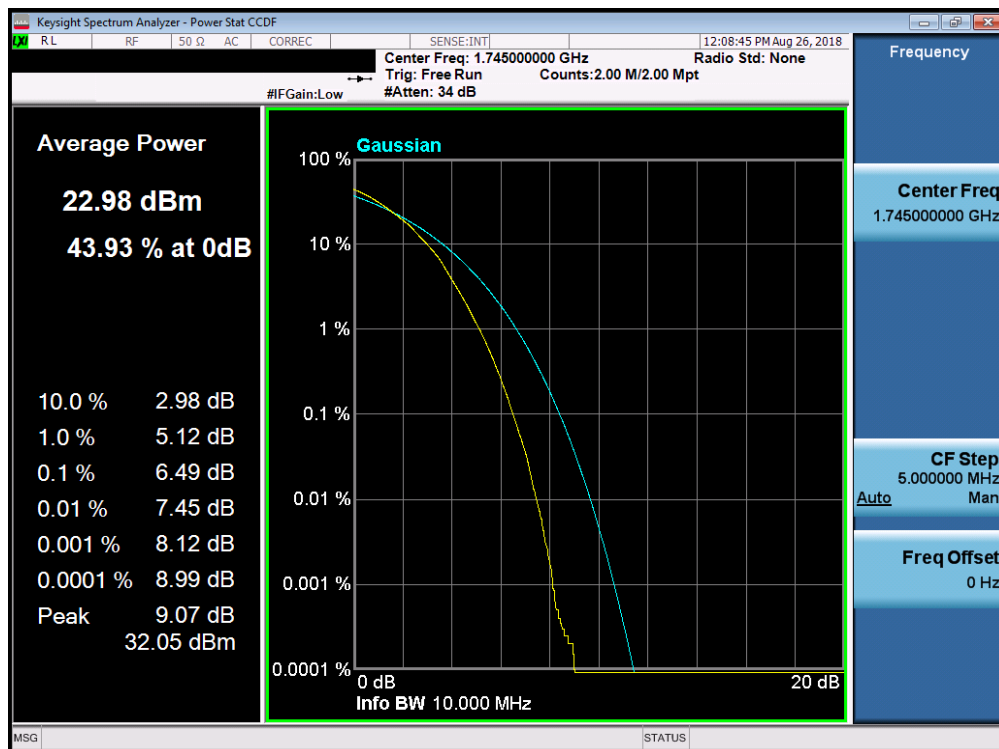


Plot 7-345. PAR Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 200 of 370

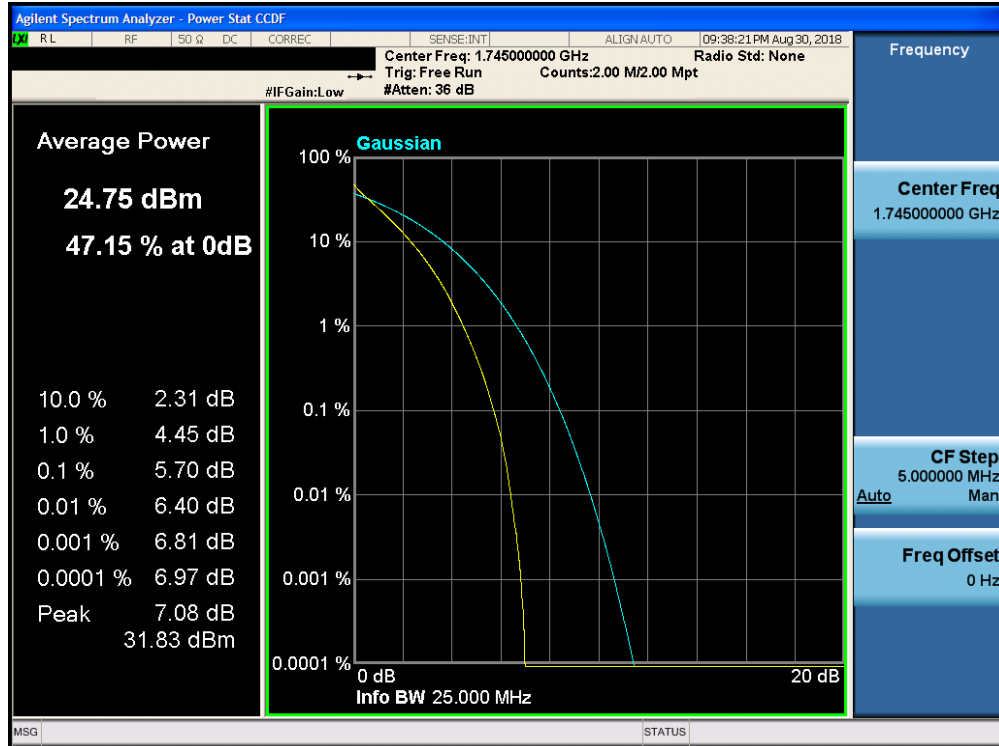


Plot 7-346. PAR Plot (Band 66 – 10.0MHz 16-QAM – RB Size 50)

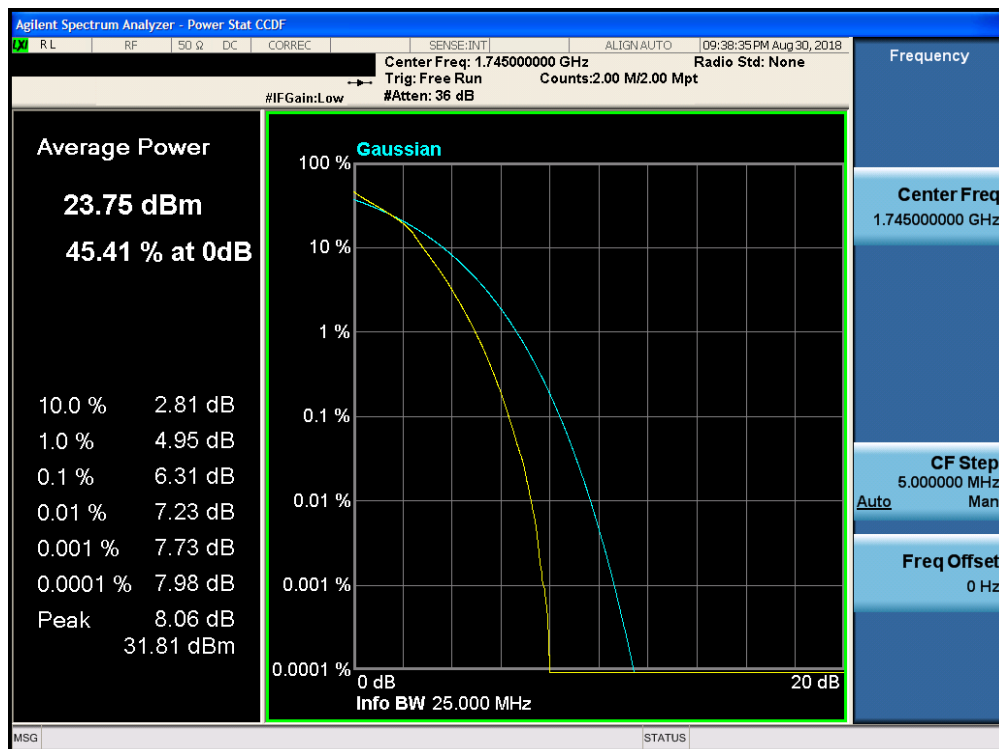


Plot 7-347. PAR Plot (Band 66 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 201 of 370

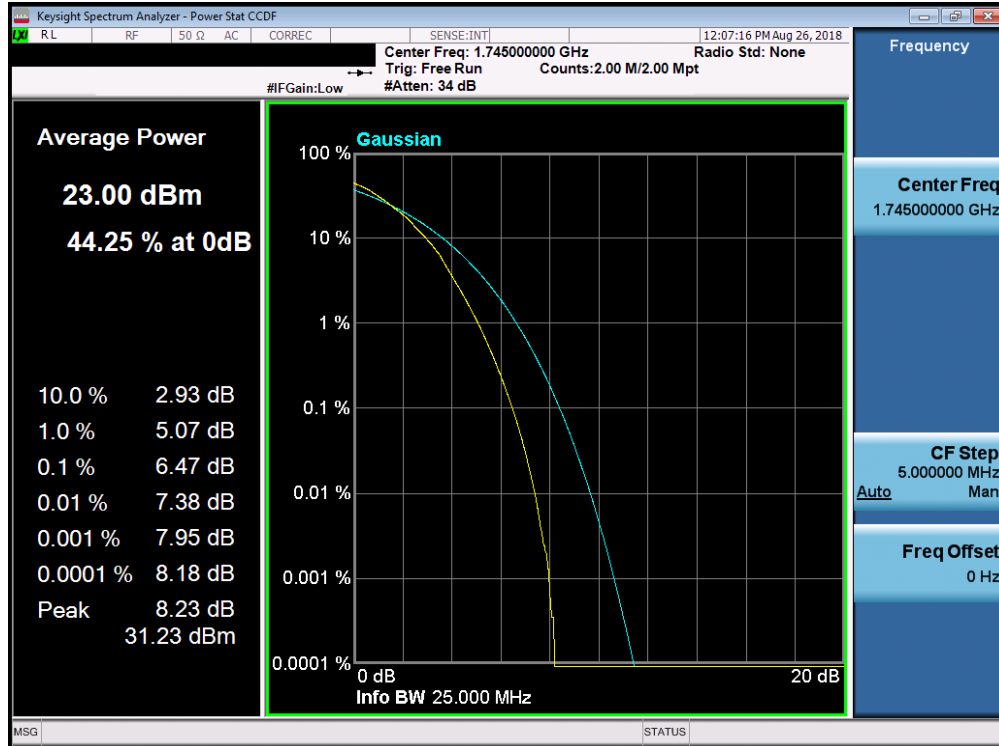


Plot 7-348. PAR Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

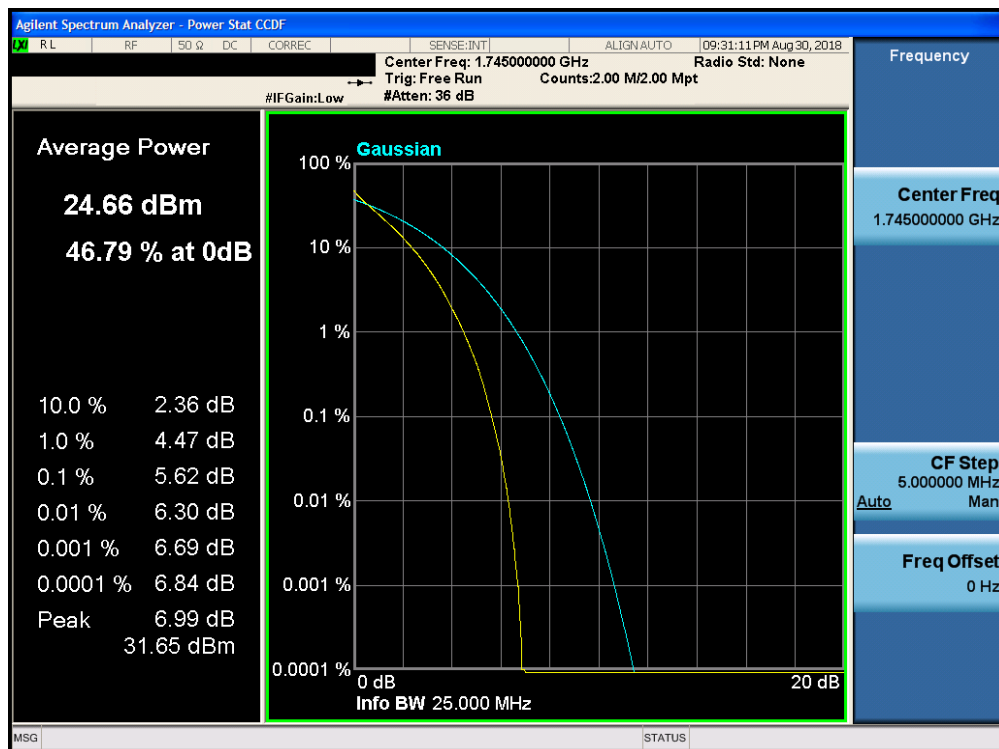


Plot 7-349. PAR Plot (Band 66 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 202 of 370



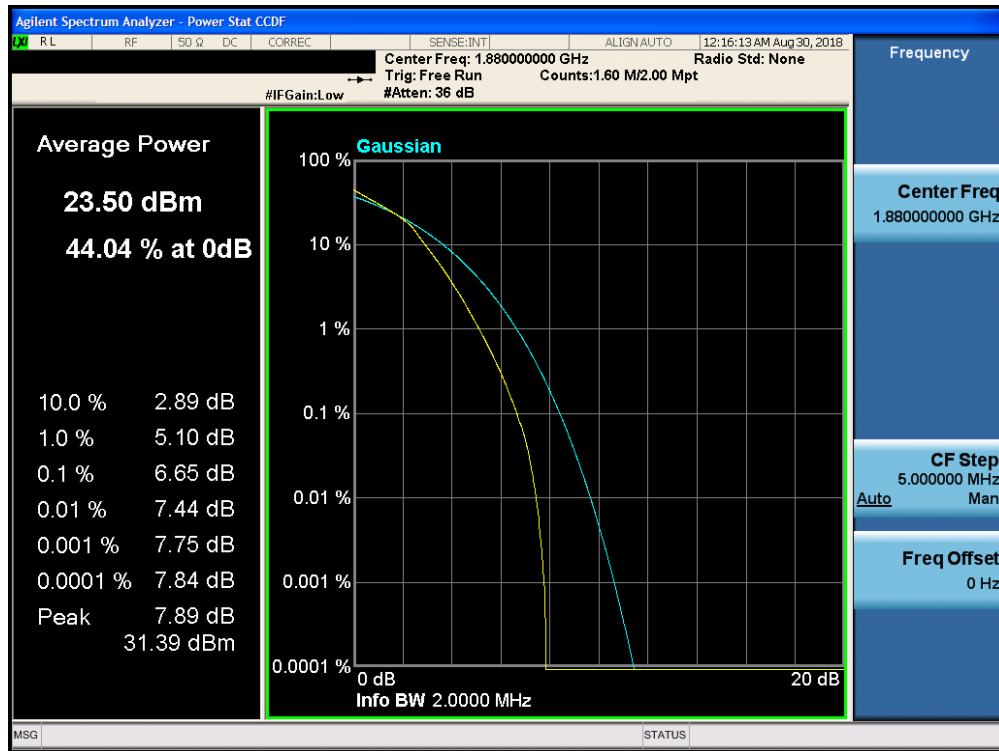
Plot 7-350. PAR Plot (Band 66 – 15.0MHz 64-QAM – RB Size 75)



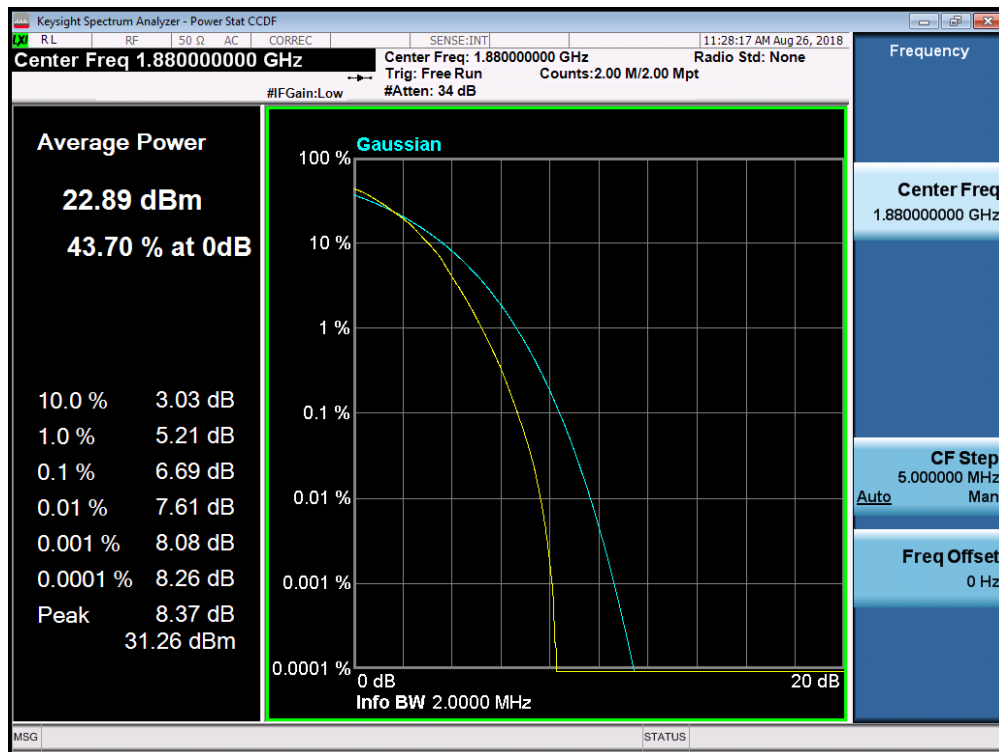
Plot 7-351. PAR Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 203 of 370

Band 2

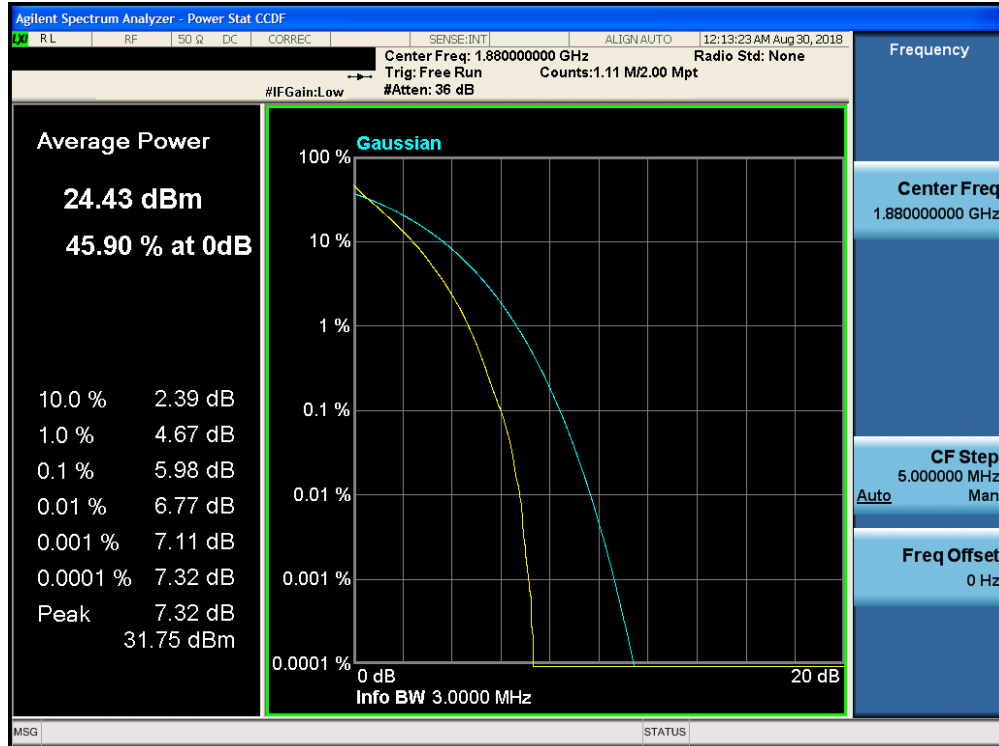


Plot 7-352. PAR Plot (Band 2 – 1.4MHz 16-QAM – RB Size 6)

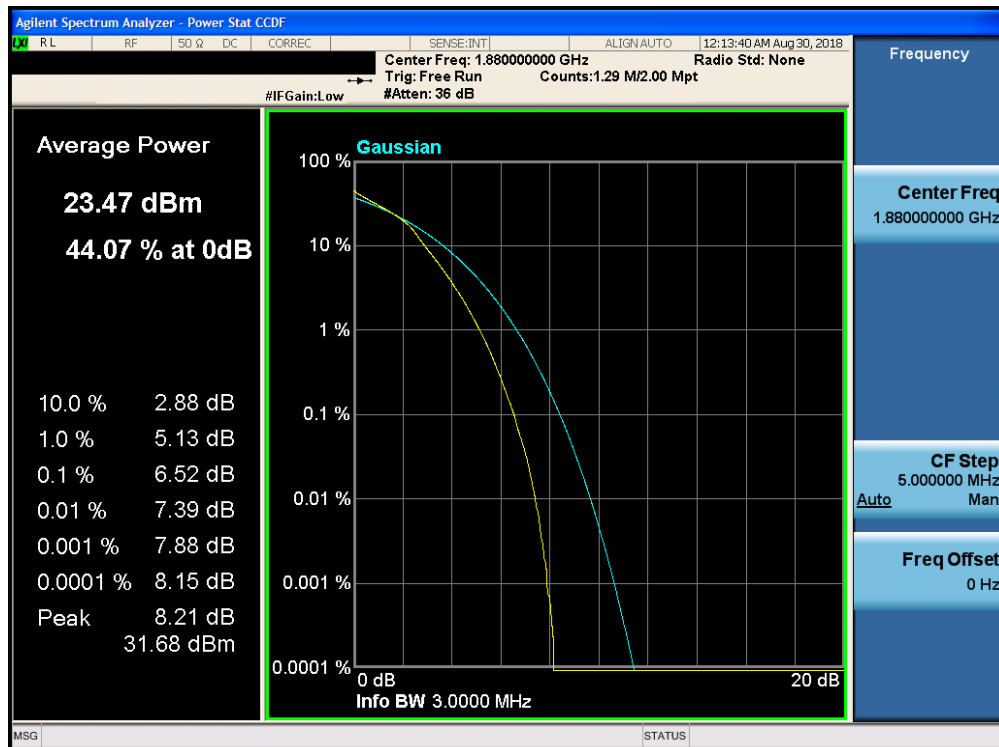


Plot 7-353. PAR Plot (Band 2 – 1.4MHz 64-QAM – RB Size 6)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 204 of 370

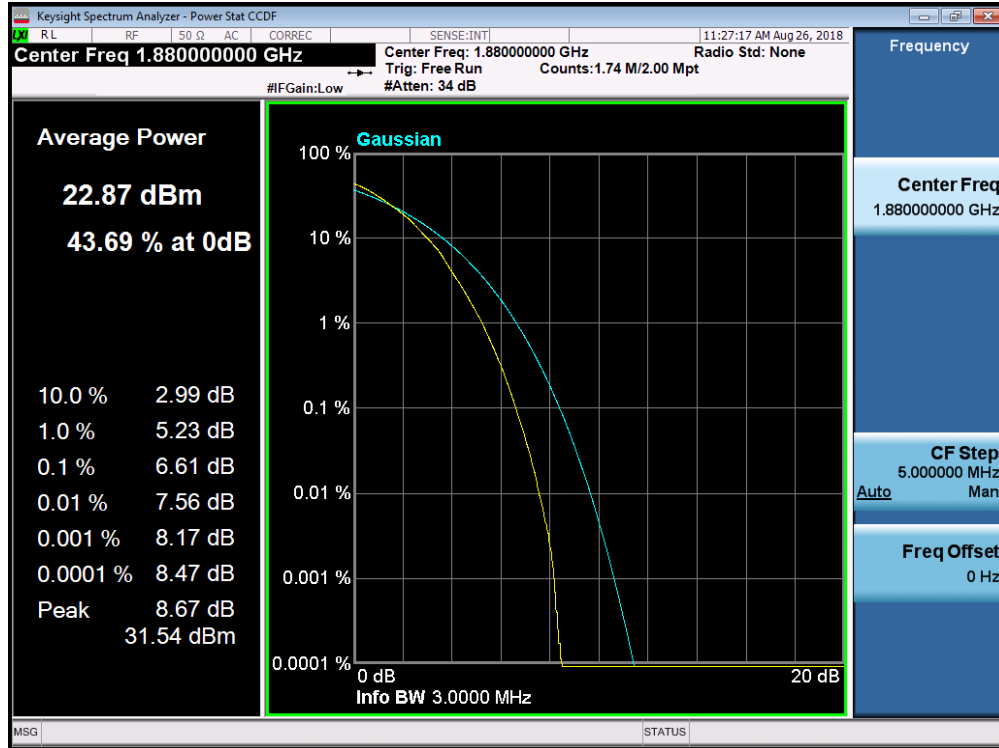


Plot 7-354. PAR Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

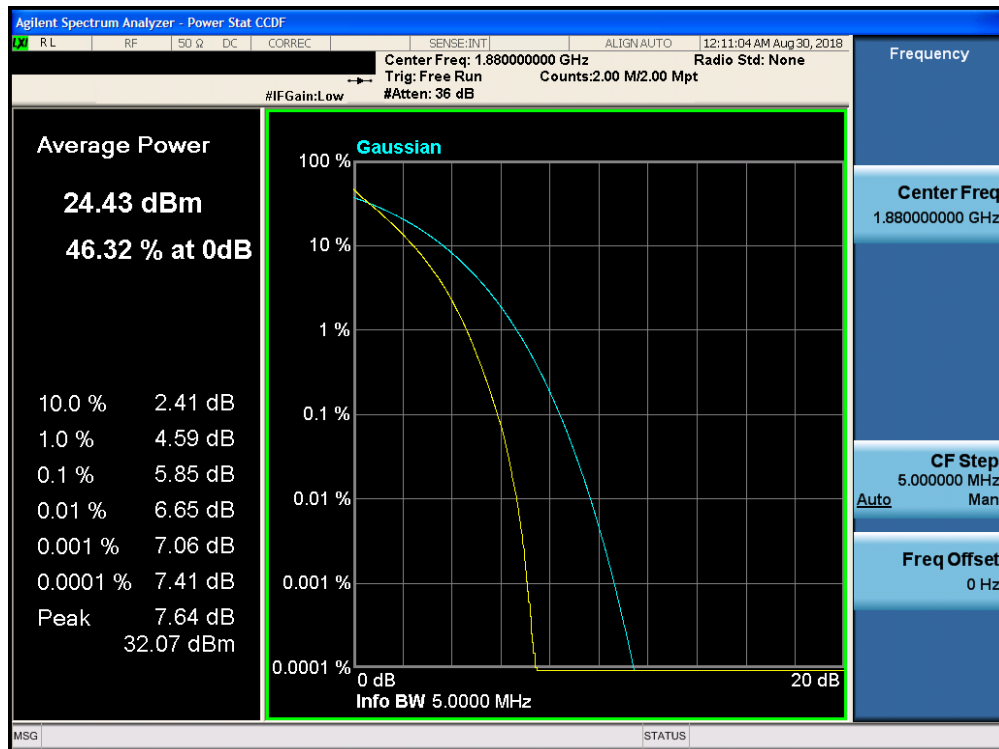


Plot 7-355. PAR Plot (Band 2 – 3.0MHz 16-QAM – RB Size 15)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 205 of 370

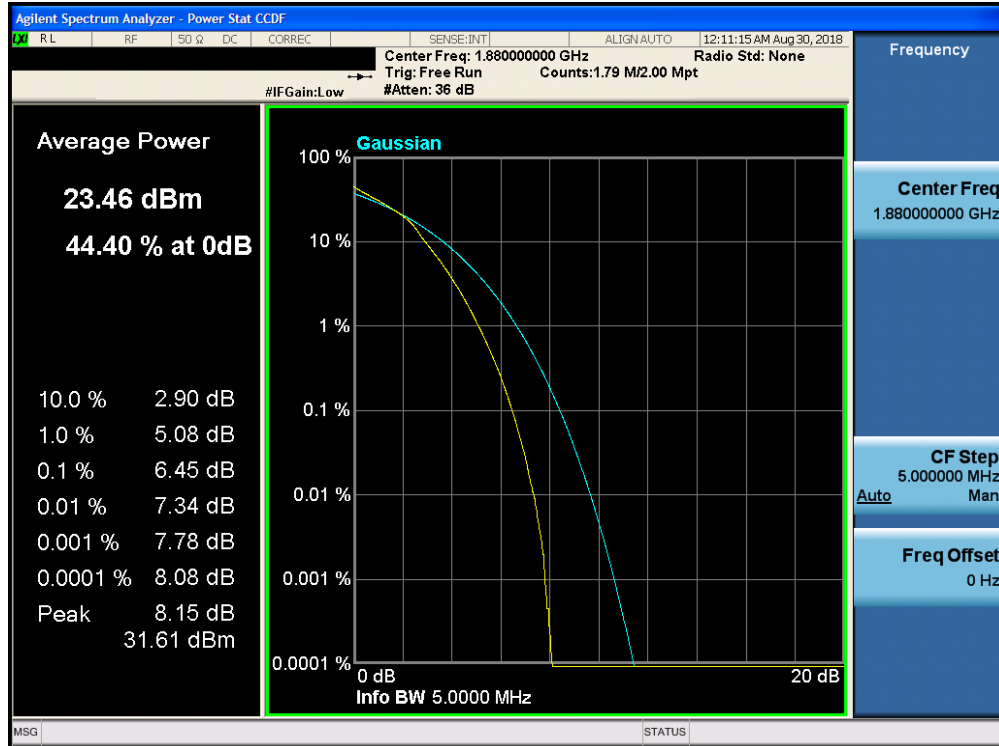


Plot 7-356. PAR Plot (Band 2 – 3.0MHz 64-QAM – RB Size 15)

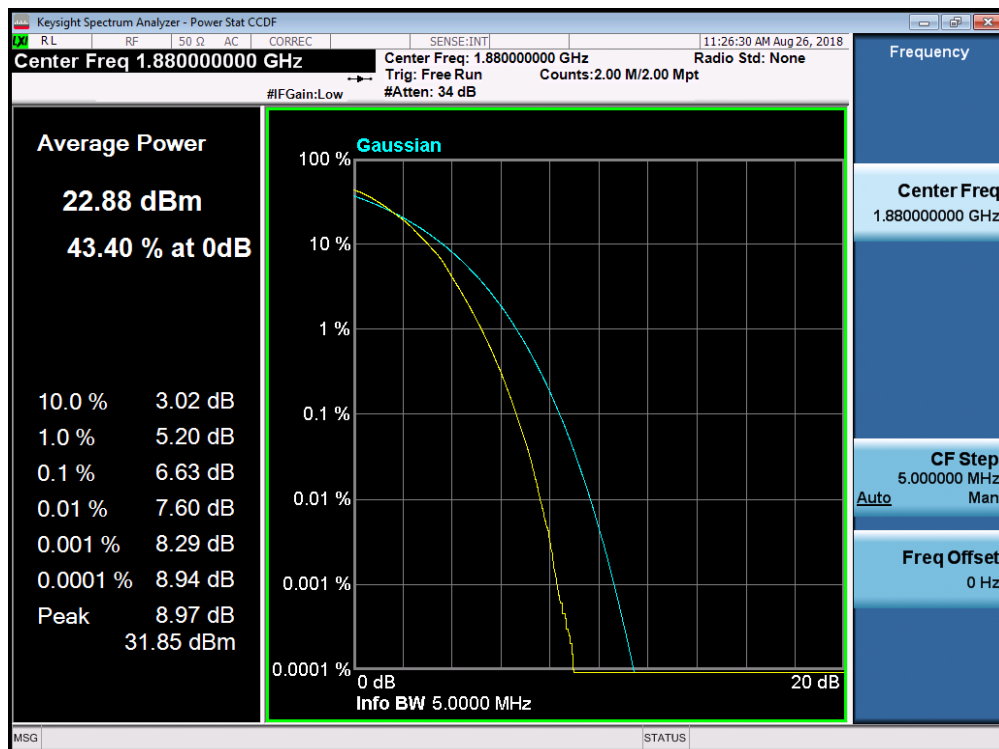


Plot 7-357. PAR Plot (Band 2 – 5.0MHz QPSK – RB Size 25)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 206 of 370

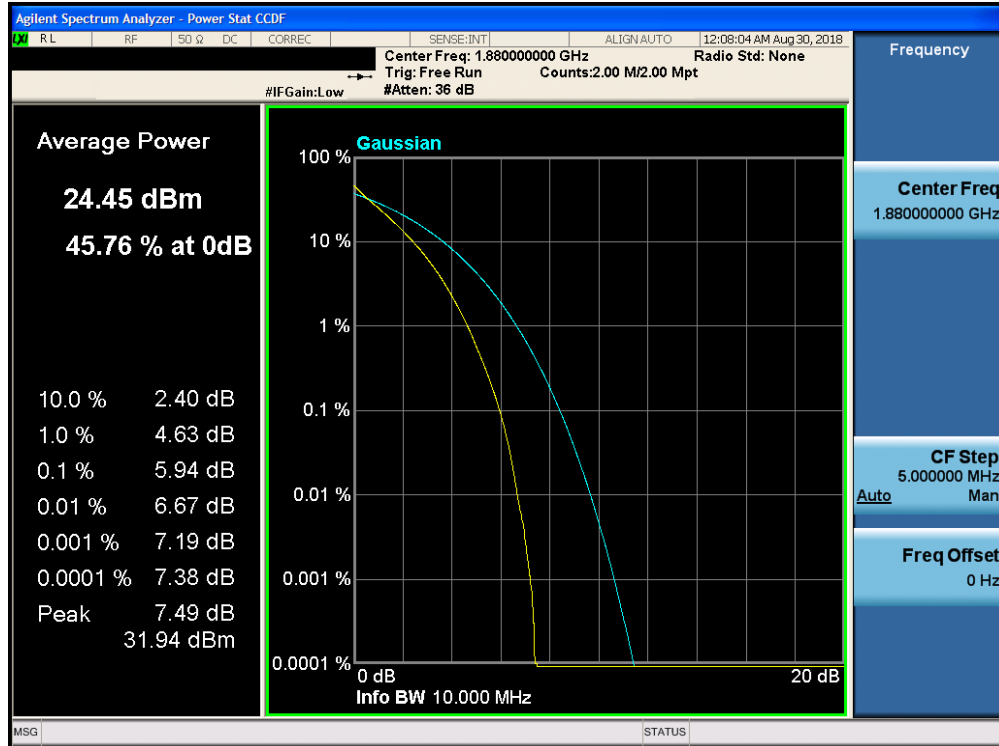


Plot 7-358. PAR Plot (Band 2 – 5.0MHz 16-QAM – RB Size 25)

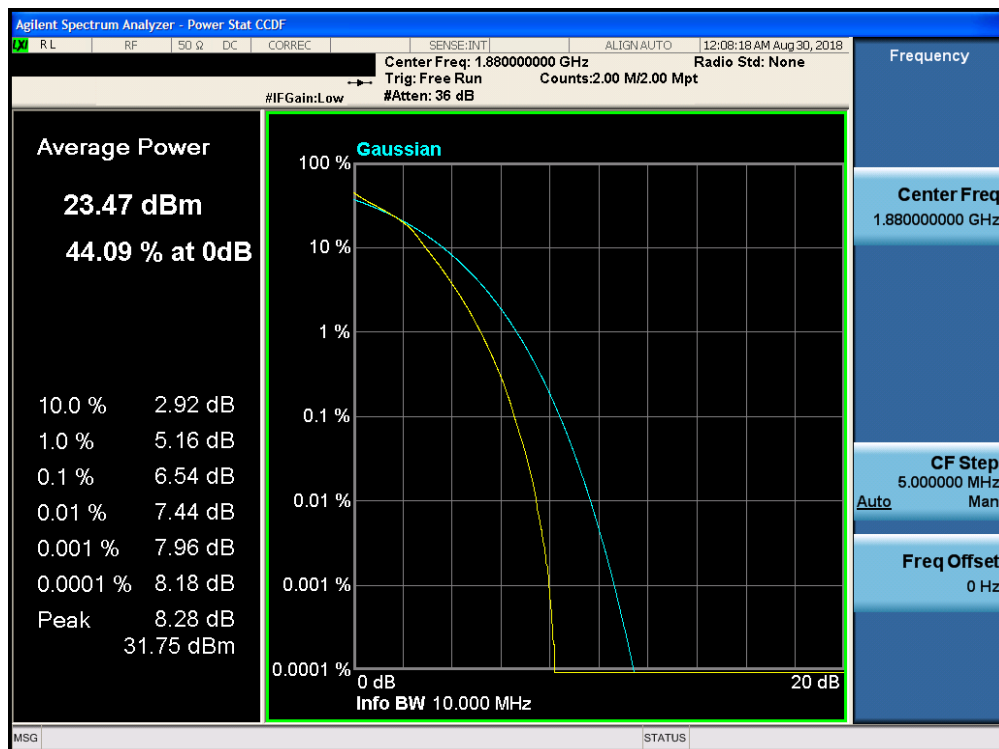


Plot 7-359. PAR Plot (Band 2 – 5.0MHz 64-QAM – RB Size 25)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 207 of 370

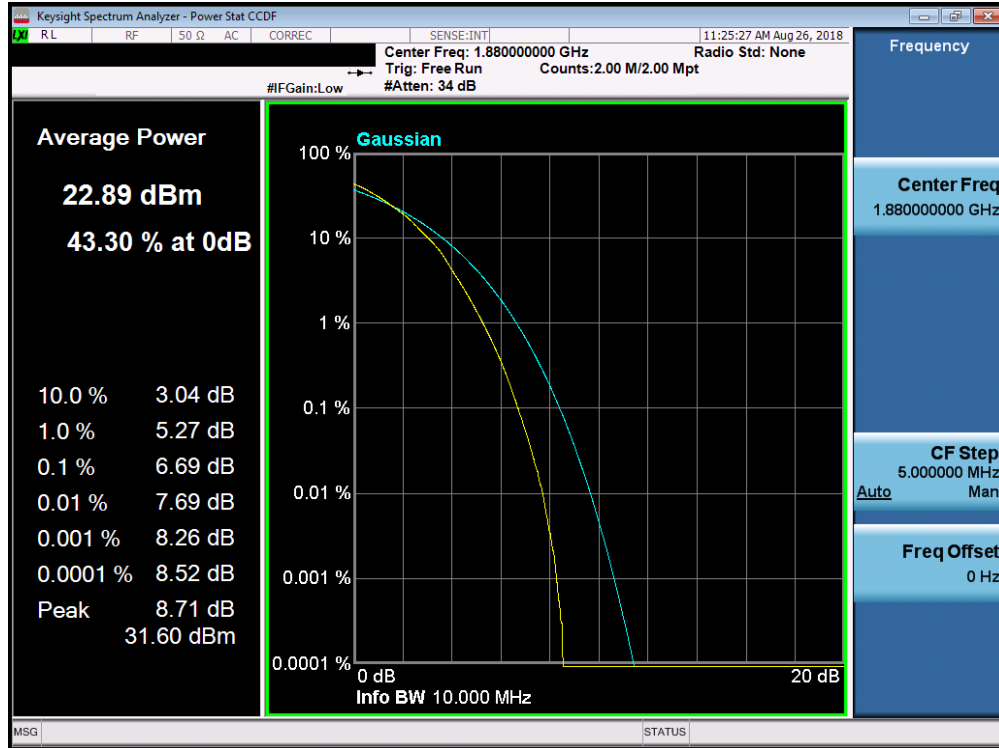


Plot 7-360. PAR Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

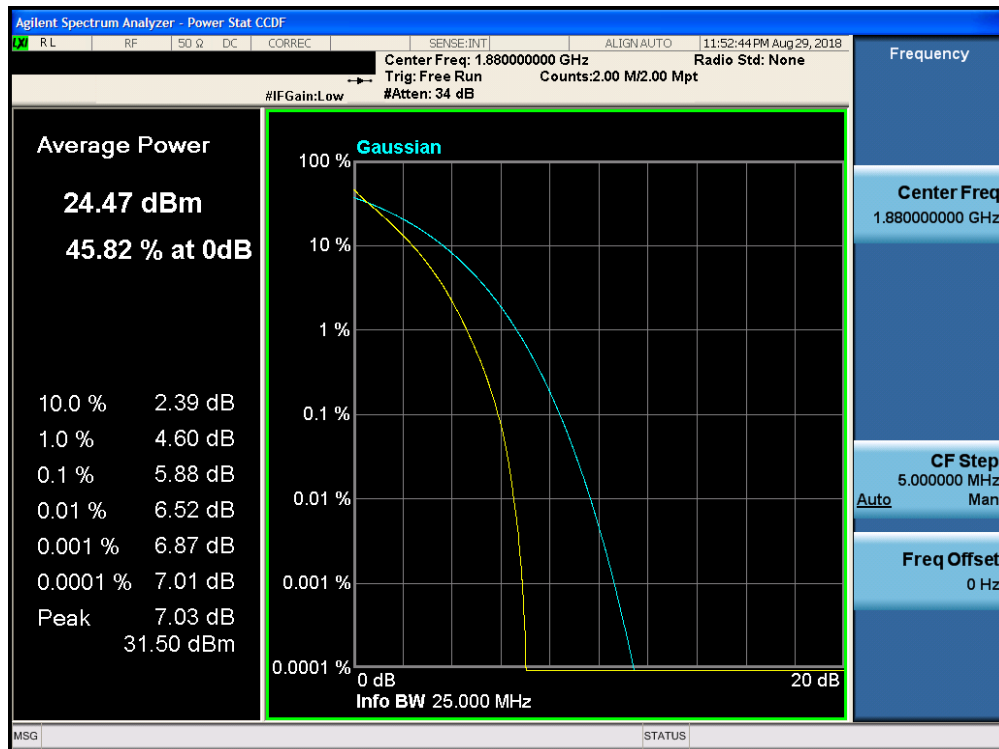


Plot 7-361. PAR Plot (Band 2 – 10.0MHz 16-QAM – RB Size 50)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 208 of 370

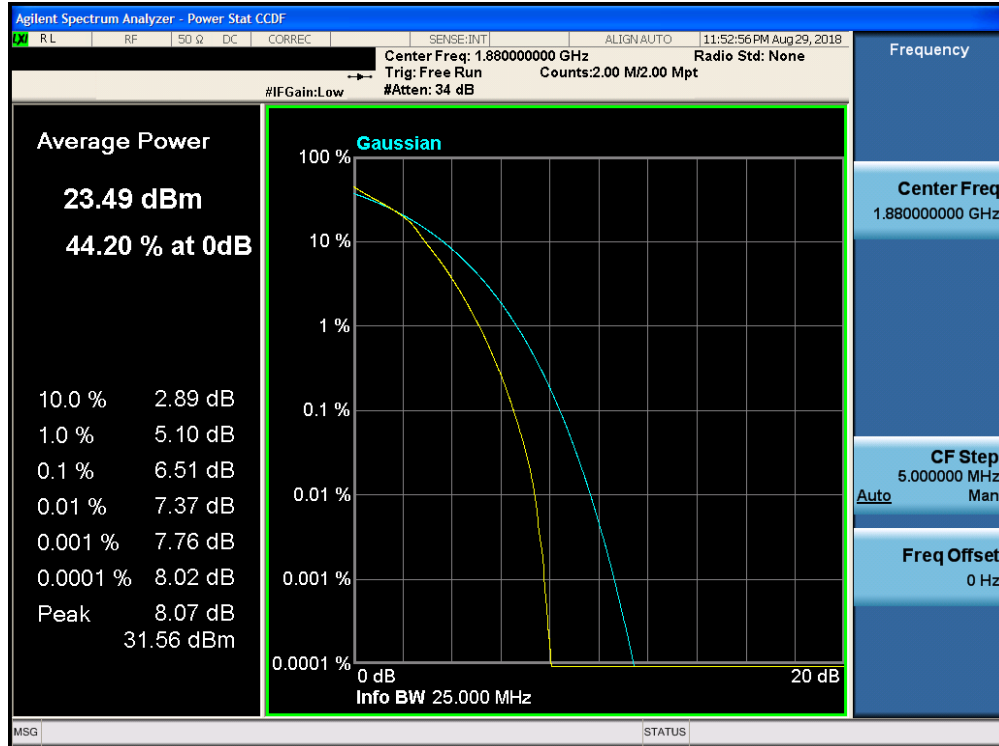


Plot 7-362. PAR Plot (Band 2 – 10.0MHz 64-QAM – RB Size 50)

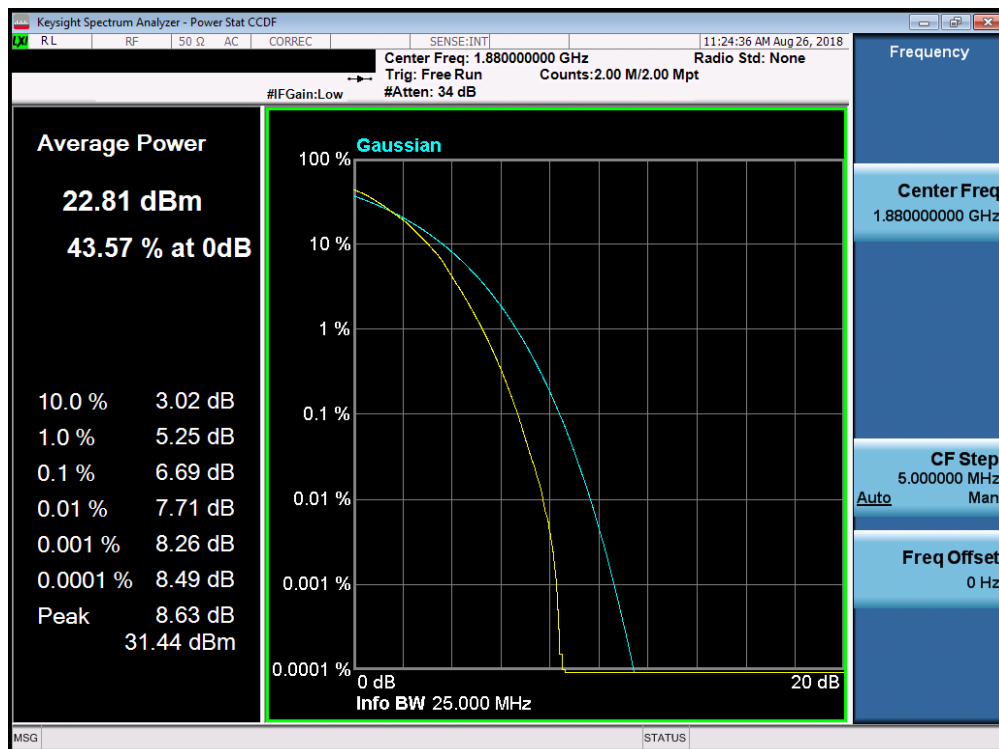


Plot 7-363. PAR Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 209 of 370

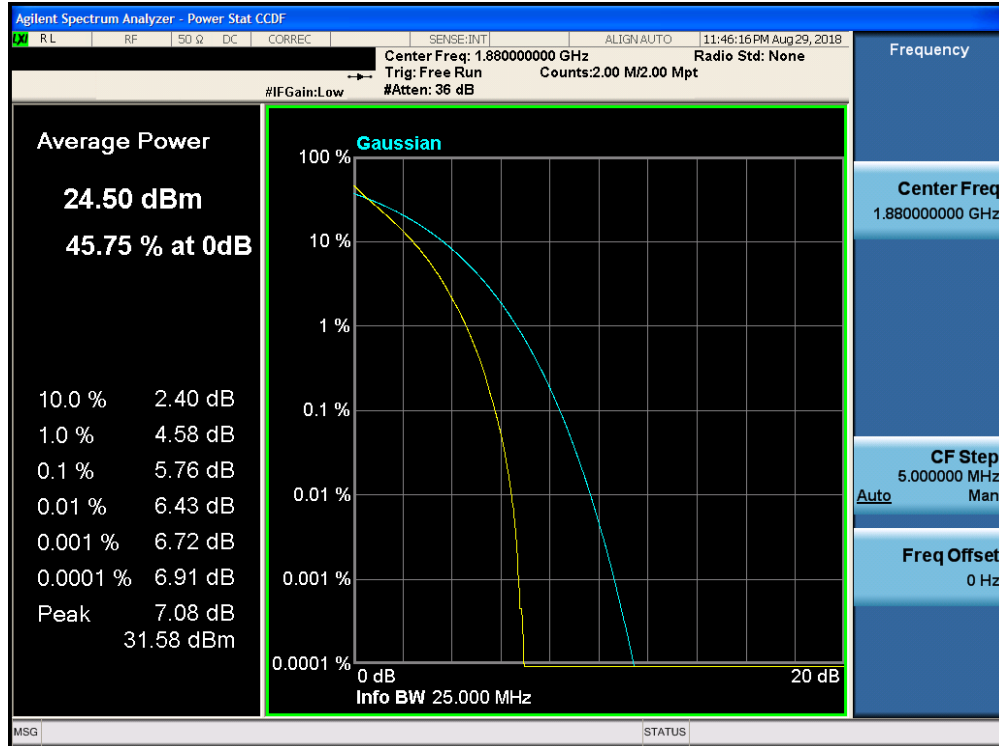


Plot 7-364. PAR Plot (Band 2 – 15.0MHz 16-QAM – RB Size 75)

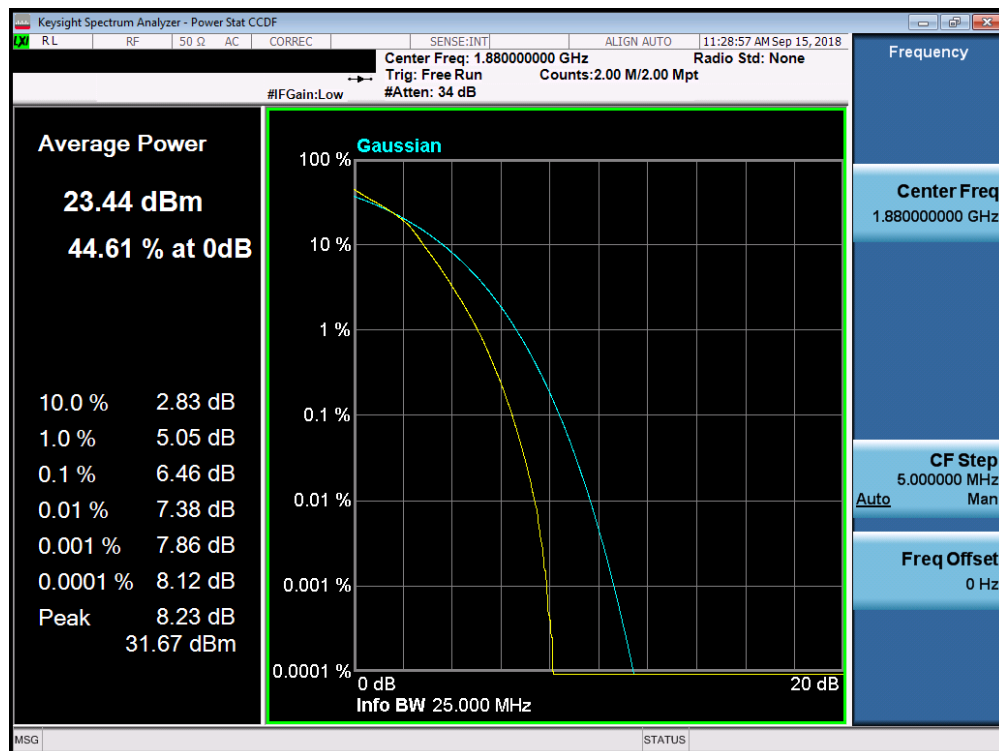


Plot 7-365. PAR Plot (Band 2 – 15.0MHz 64-QAM – RB Size 75)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 210 of 370

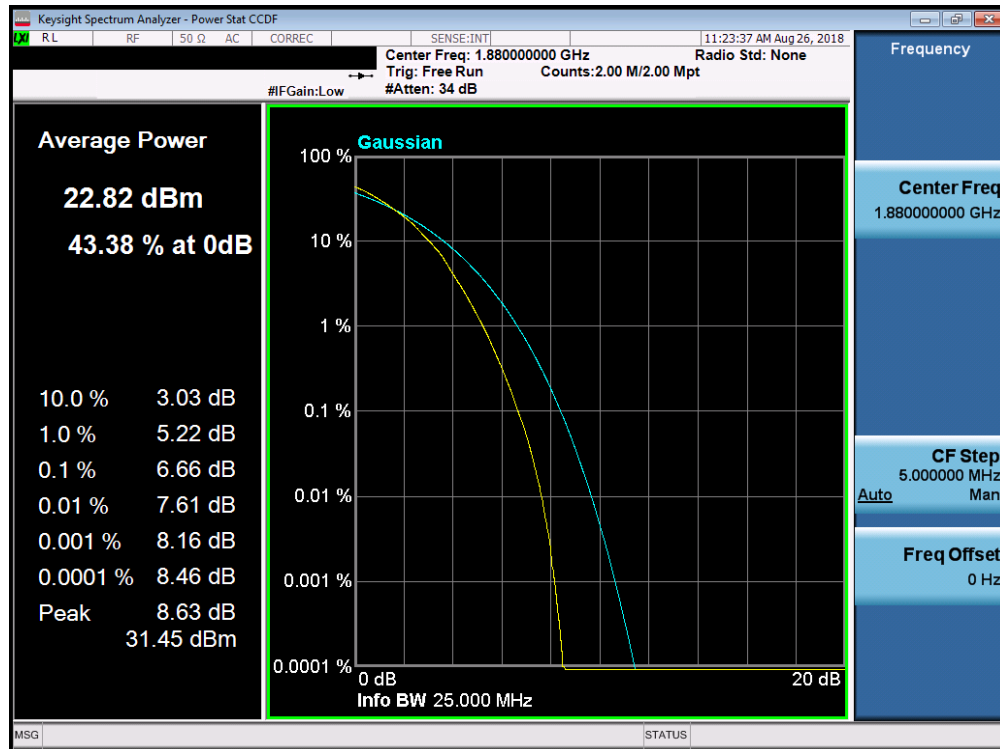


Plot 7-366. PAR Plot (Band 2 – 20.0MHz QPSK – RB Size 100)



Plot 7-367. PAR Plot (Band 2 – 20.0MHz 16-QAM – RB Size 100)

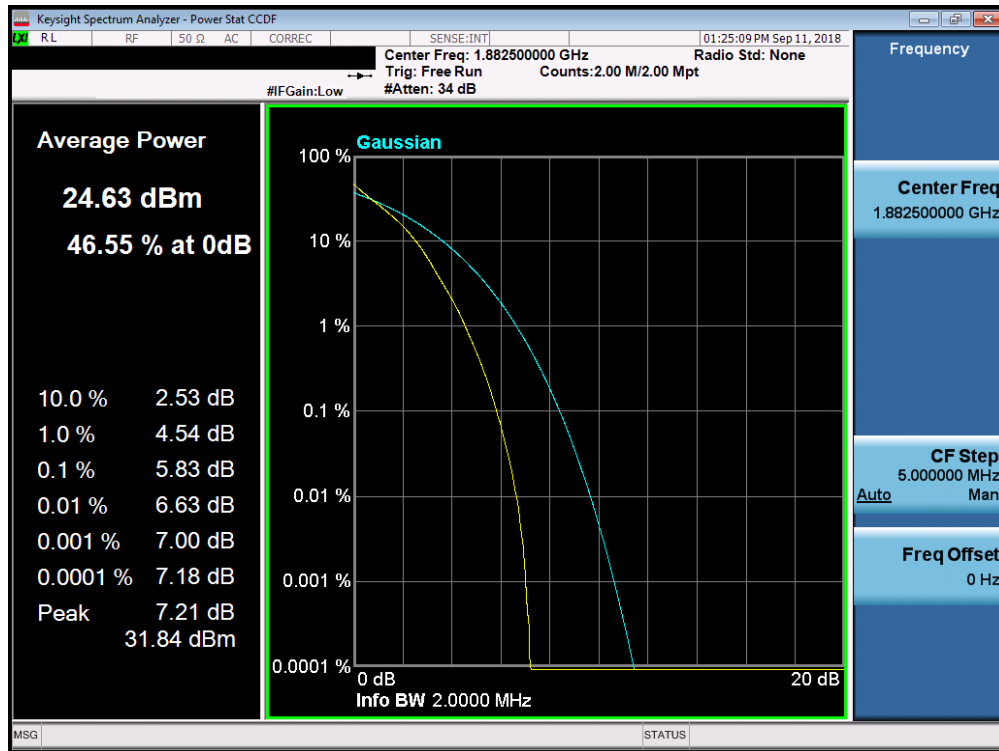
FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 211 of 370



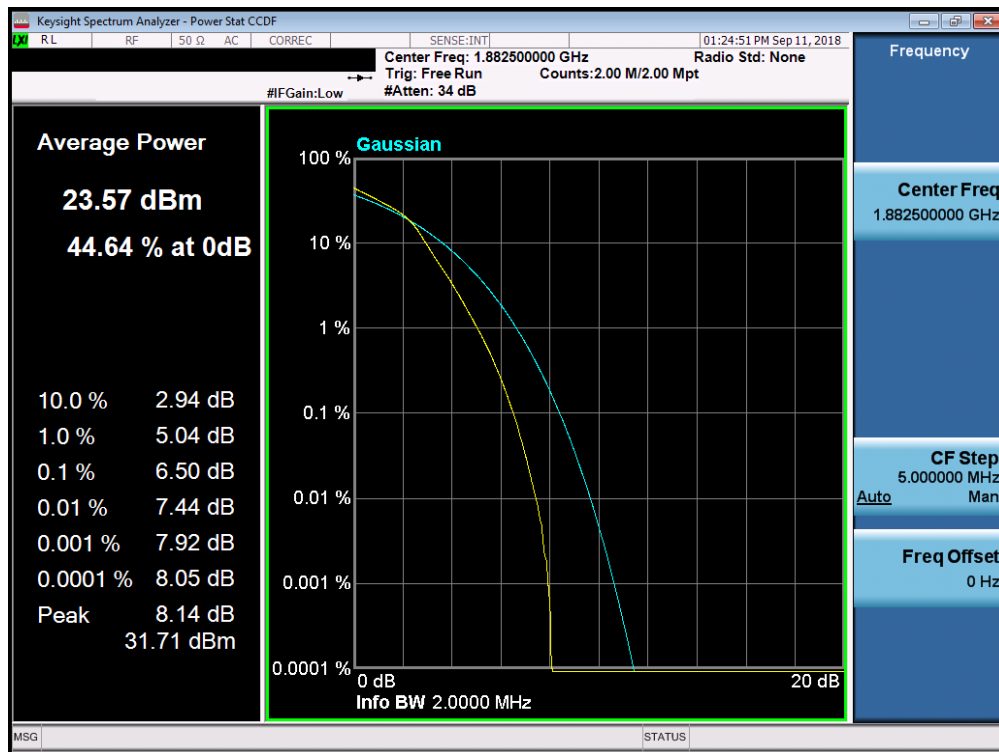
Plot 7-368. PAR Plot (Band 2 – 20.0MHz 64-QAM – RB Size 100)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 212 of 370

Band 25

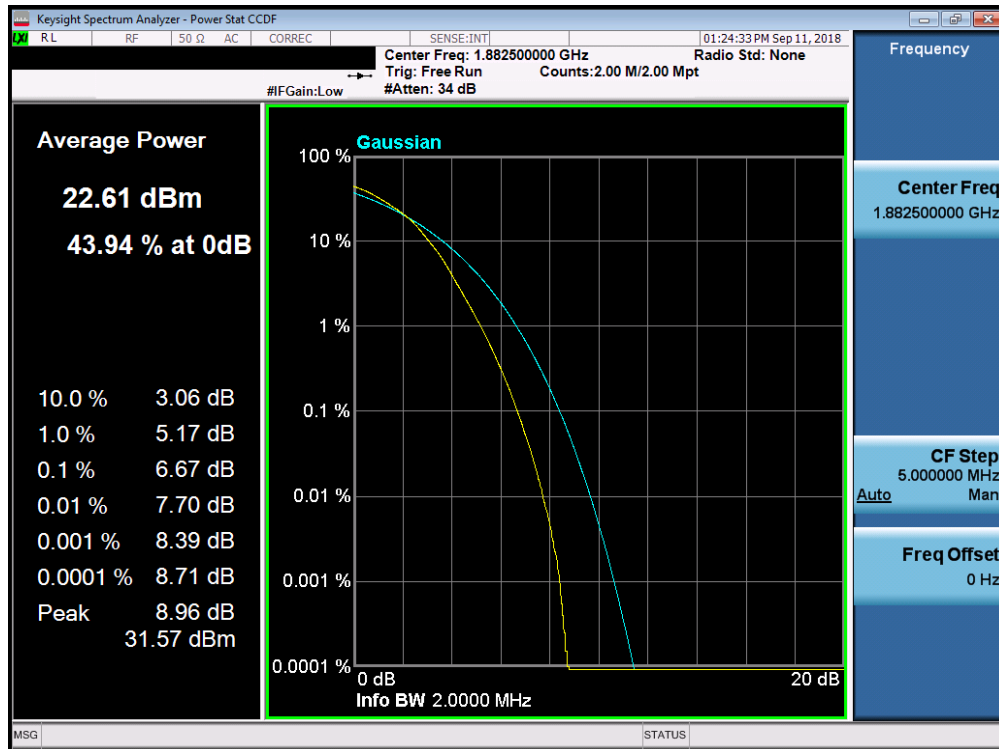


Plot 7-369. PAR Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

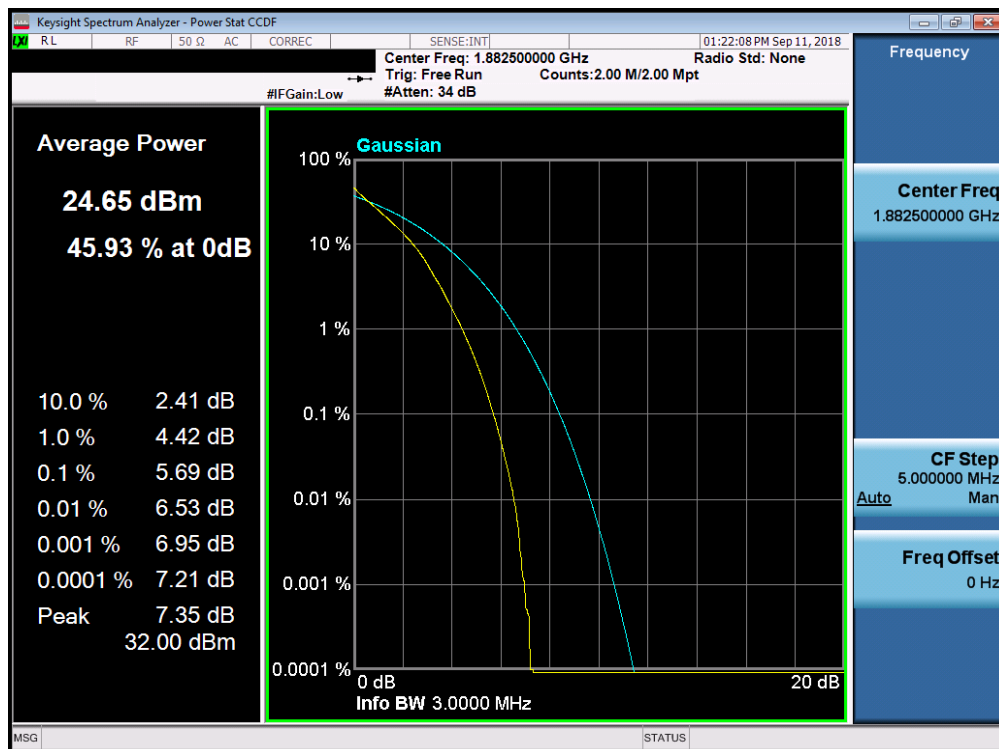


Plot 7-370. PAR Plot (Band 25 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 213 of 370

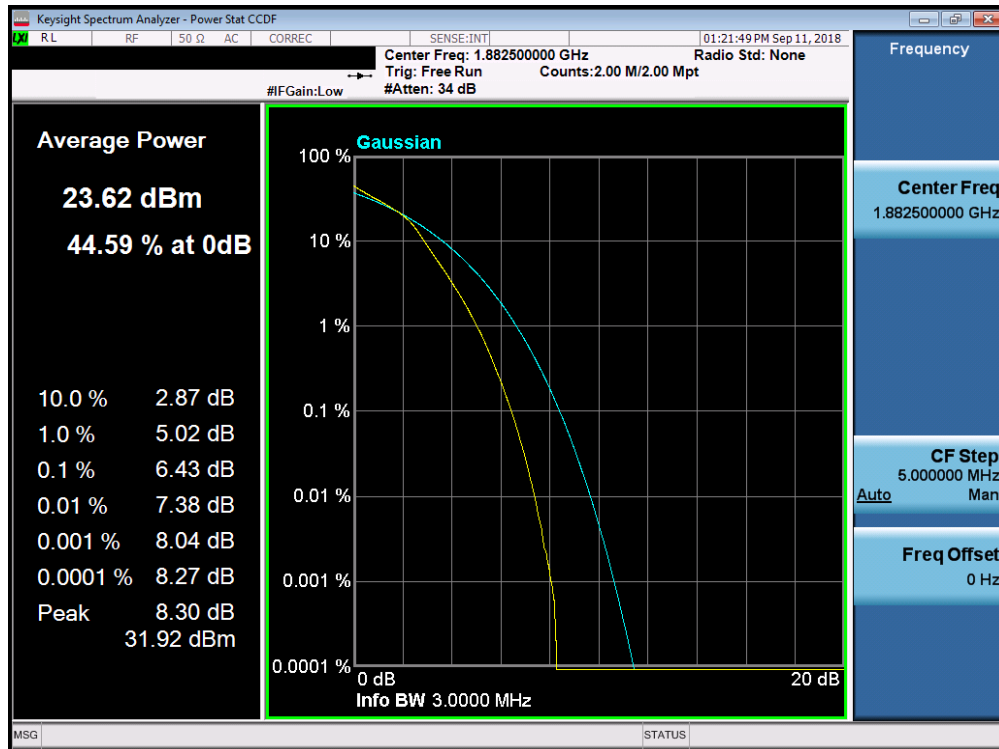


Plot 7-371. PAR Plot (Band 25 – 1.4MHz 64-QAM – RB Size 6)

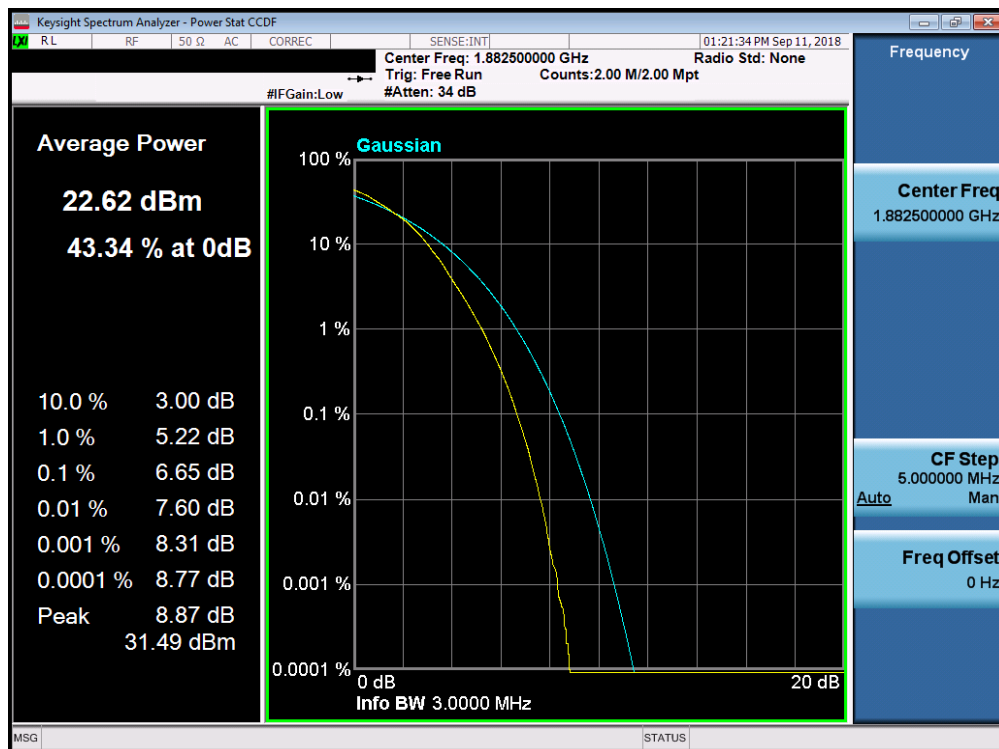


Plot 7-372. PAR Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 214 of 370

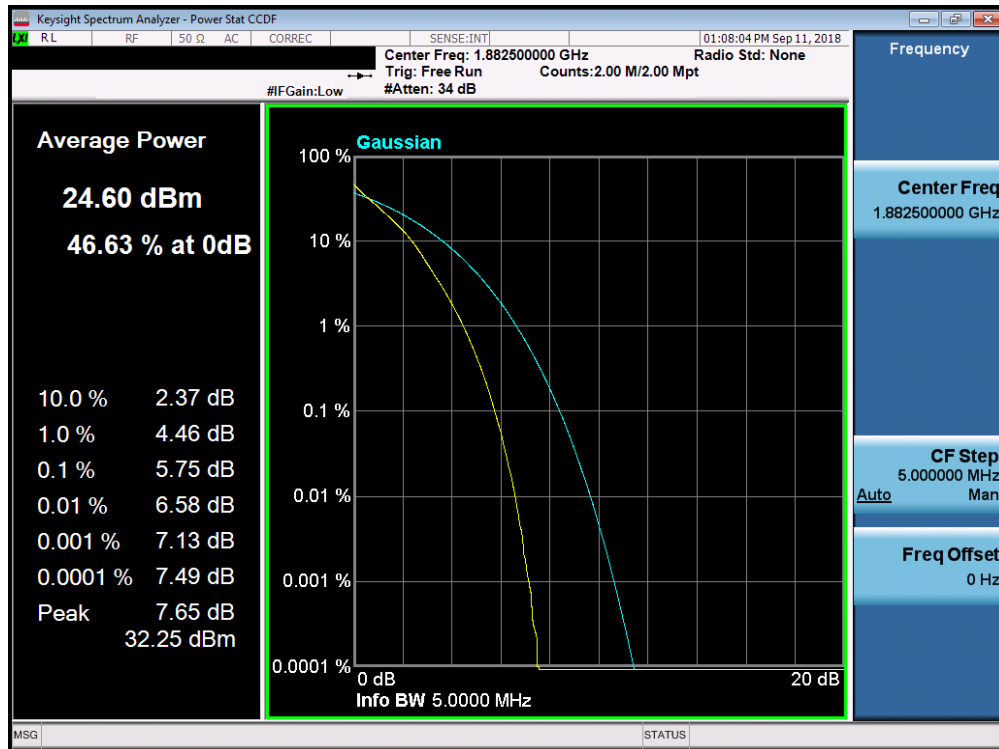


Plot 7-373. PAR Plot (Band 25 - 3.0MHz 16-QAM - RB Size 15)

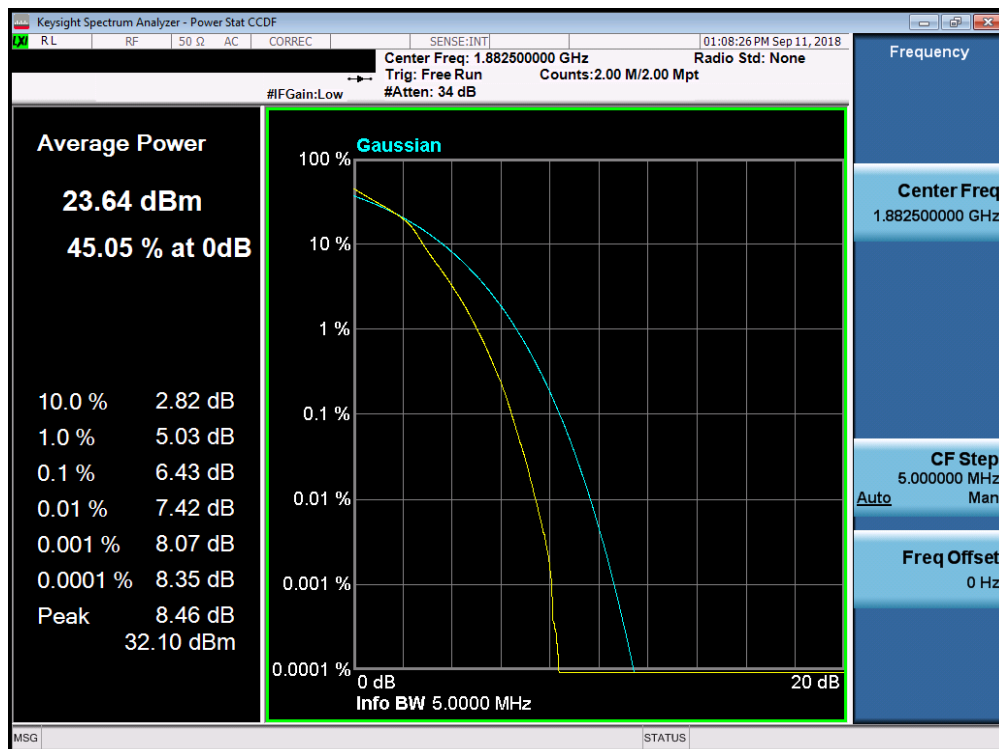


Plot 7-374. PAR Plot (Band 25 - 3.0MHz 64-QAM - RB Size 15)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 215 of 370

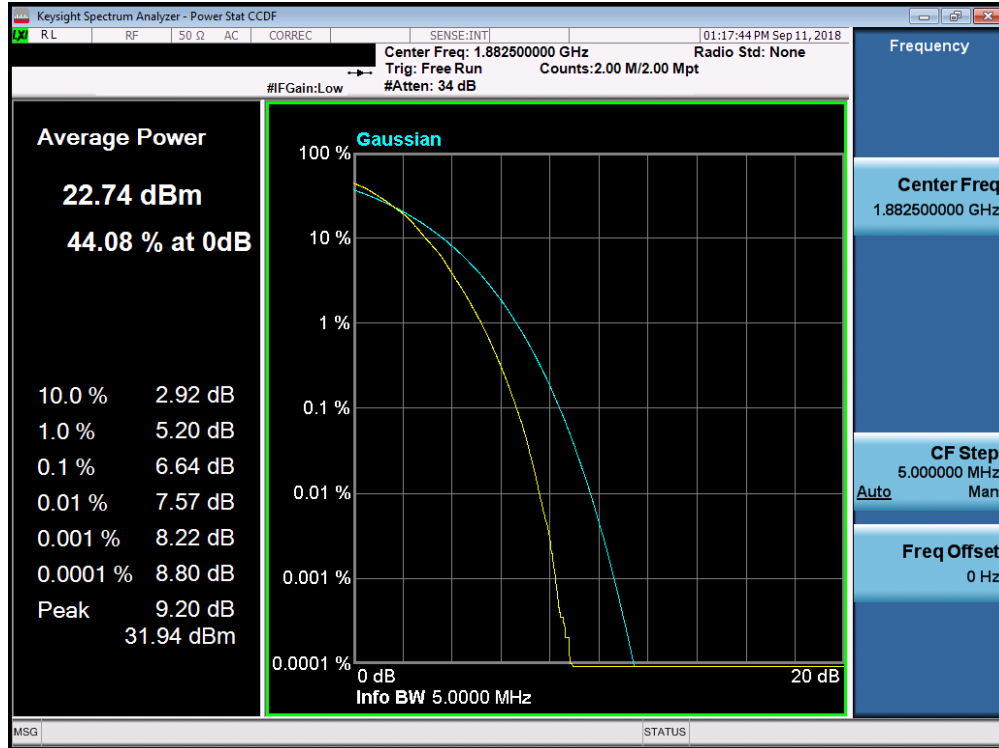


Plot 7-375. PAR Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

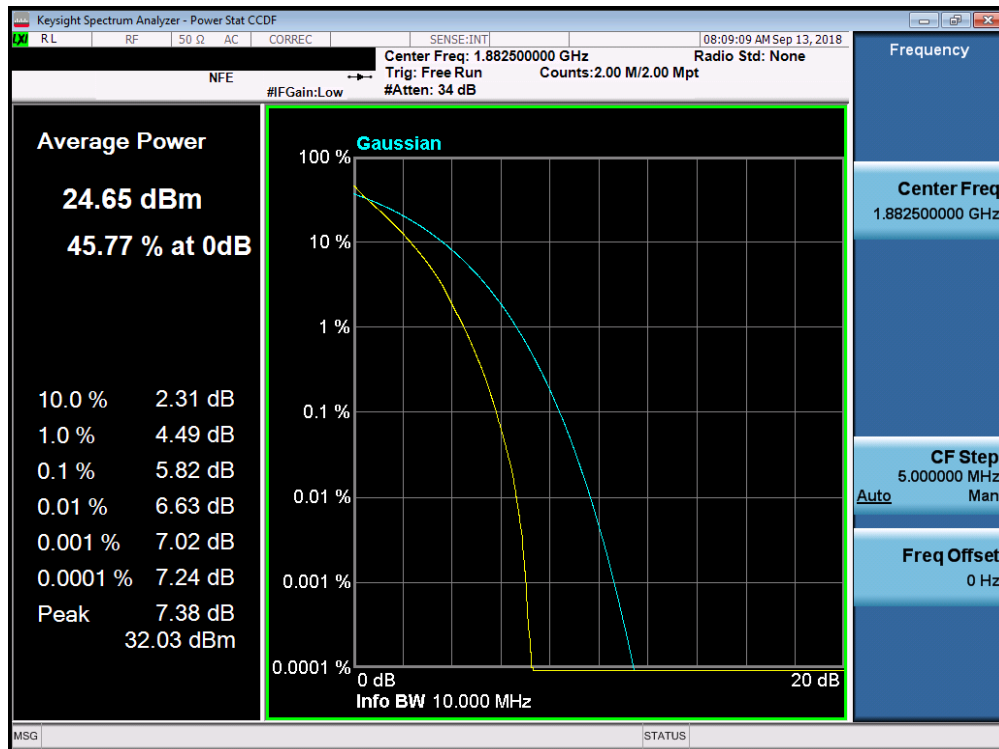


Plot 7-376. PAR Plot (Band 25 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 216 of 370

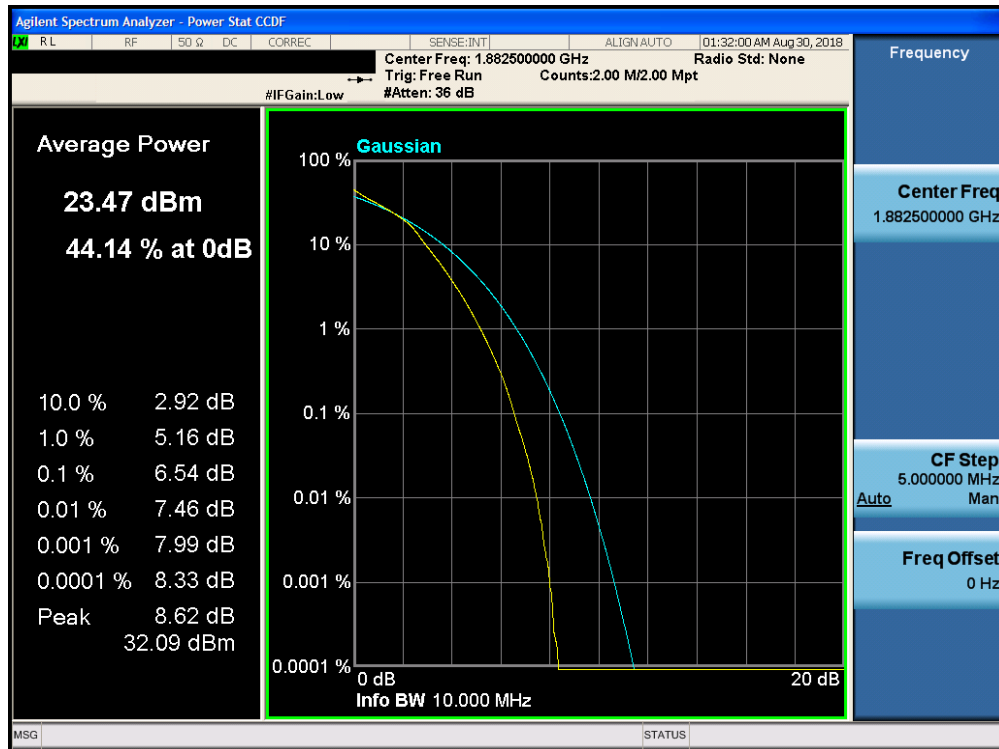


Plot 7-377. PAR Plot (Band 25 – 5.0MHz 64-QAM – RB Size 25)

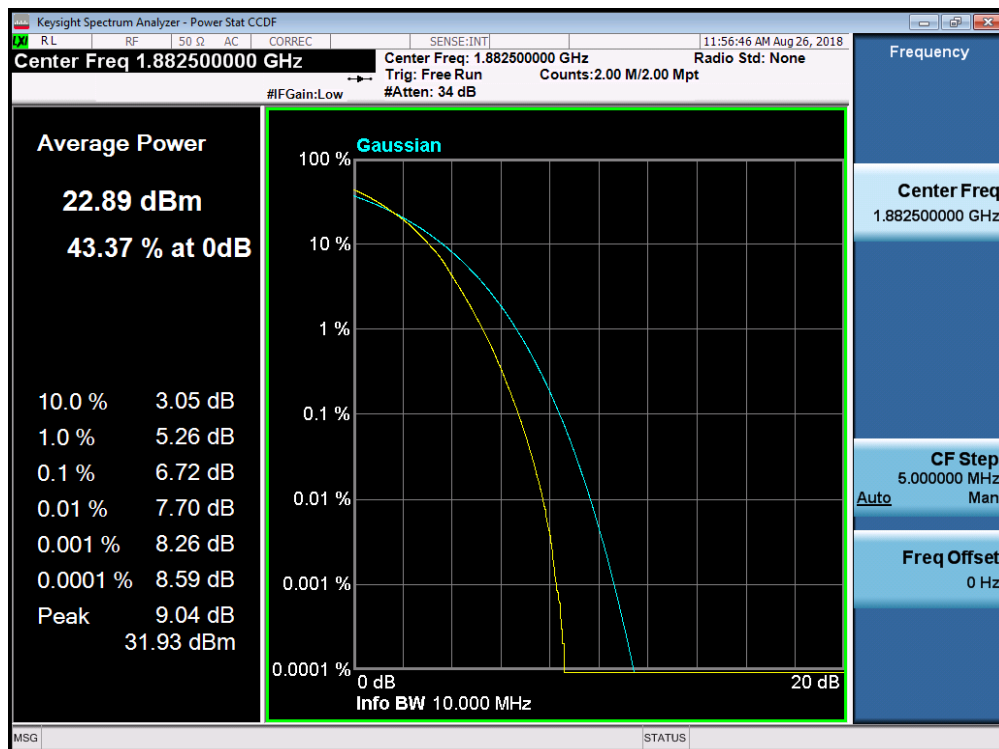


Plot 7-378. PAR Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 217 of 370

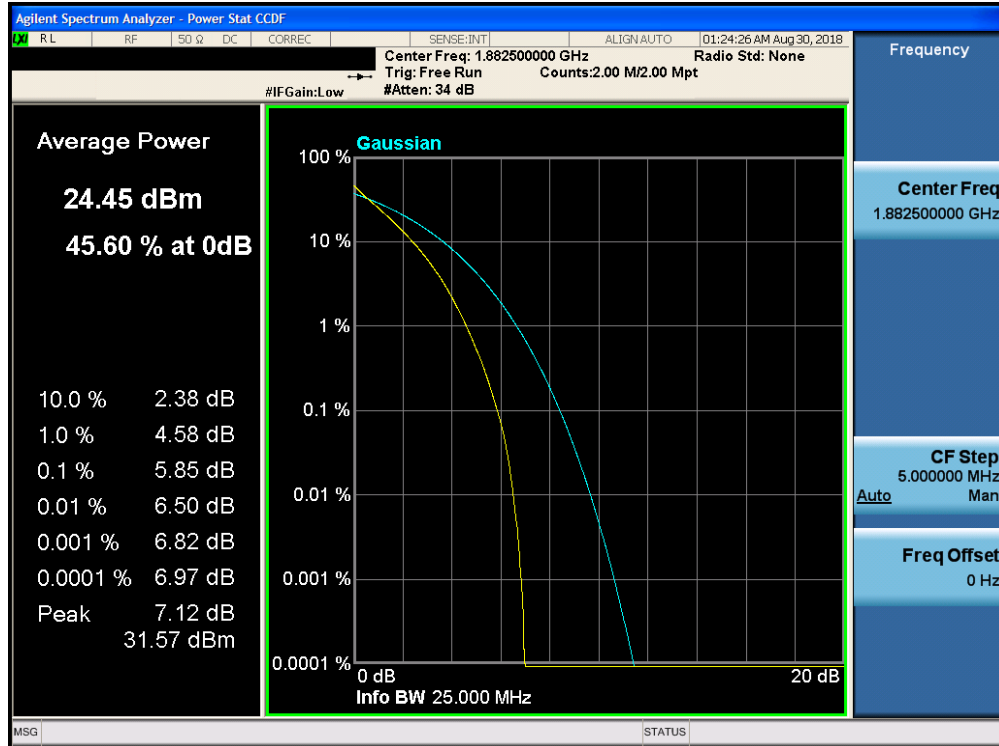


Plot 7-379. PAR Plot (Band 25 – 10.0MHz 16-QAM – RB Size 50)

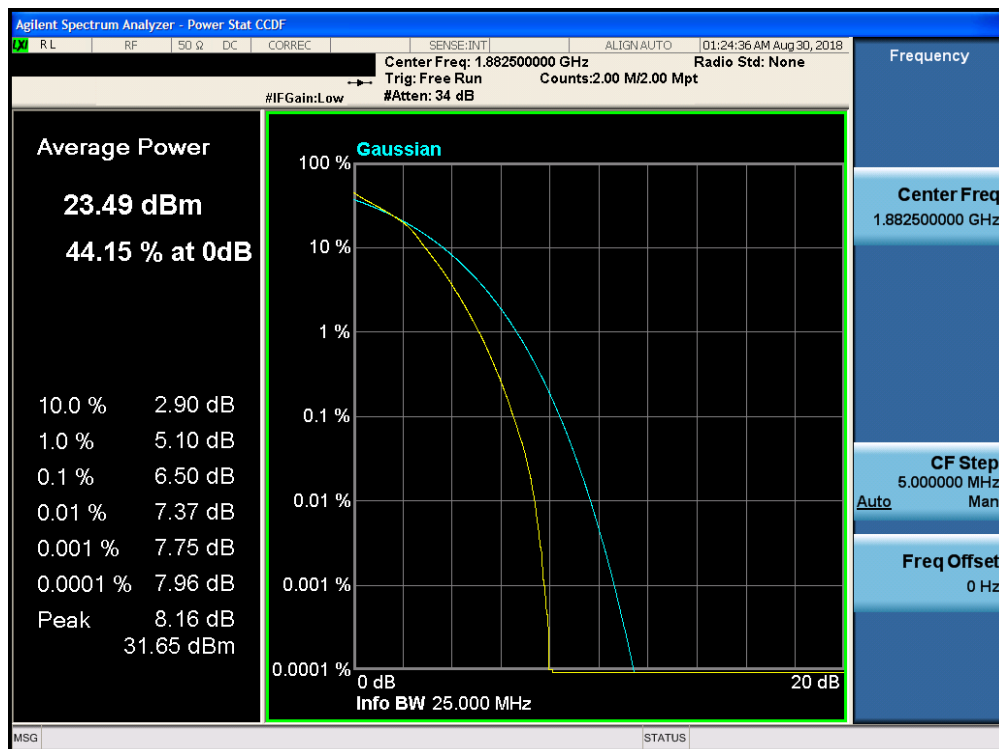


Plot 7-380. PAR Plot (Band 25 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 218 of 370

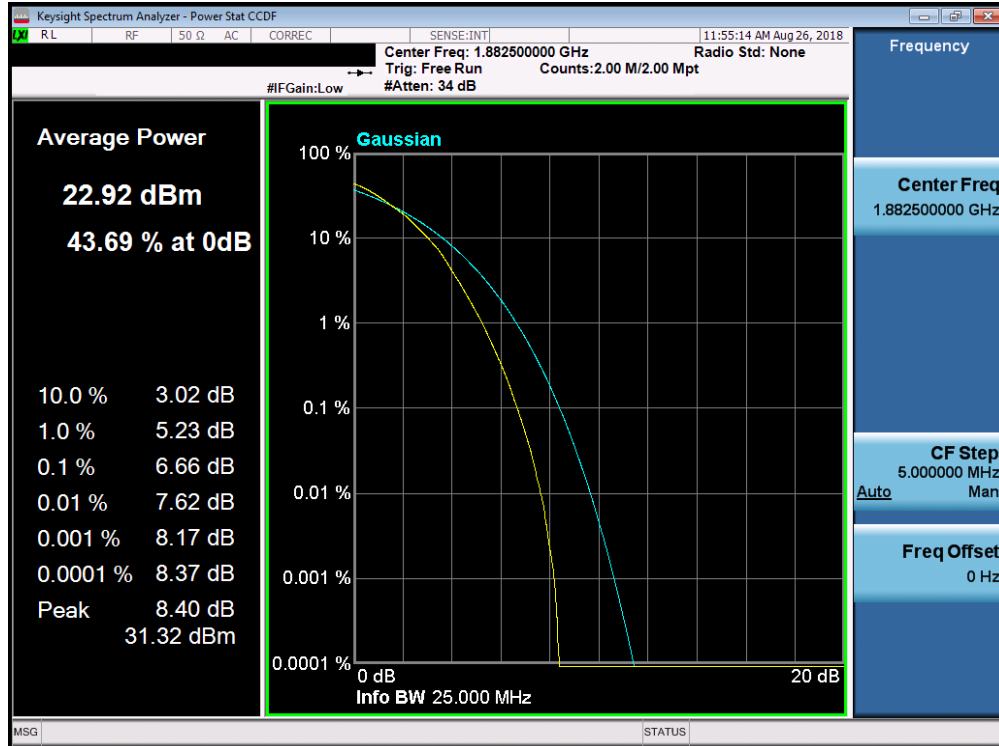


Plot 7-381. PAR Plot (Band 25 – 15.0MHz QPSK – RB Size 75)

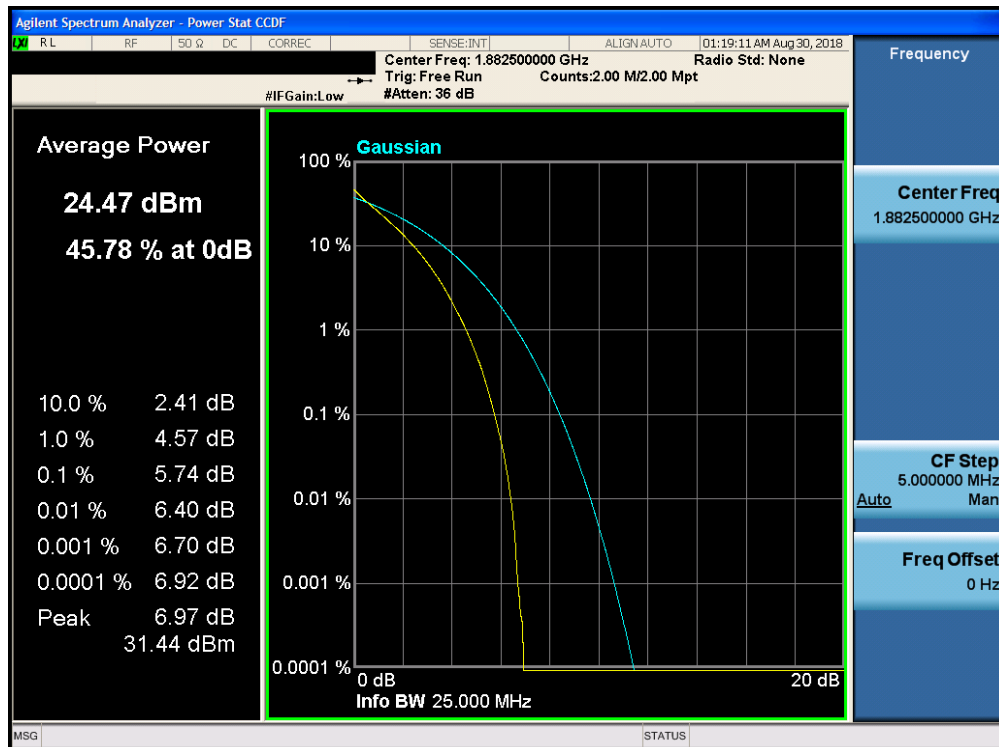


Plot 7-382. PAR Plot (Band 25 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 219 of 370

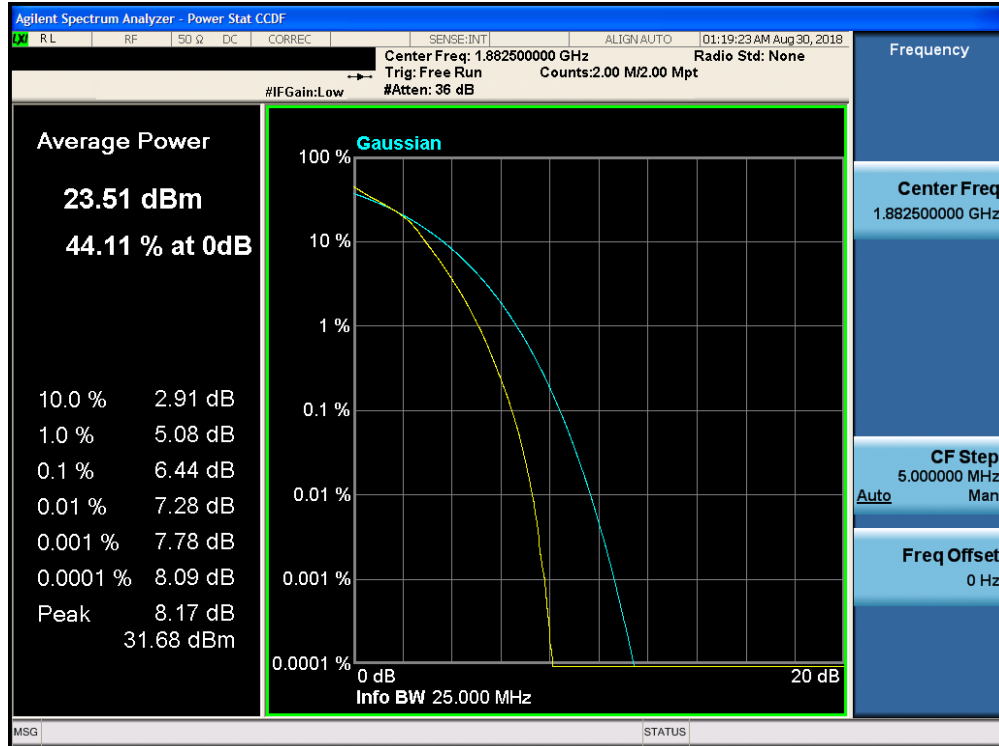


Plot 7-383. PAR Plot (Band 25 – 15.0MHz 64-QAM – RB Size 75)

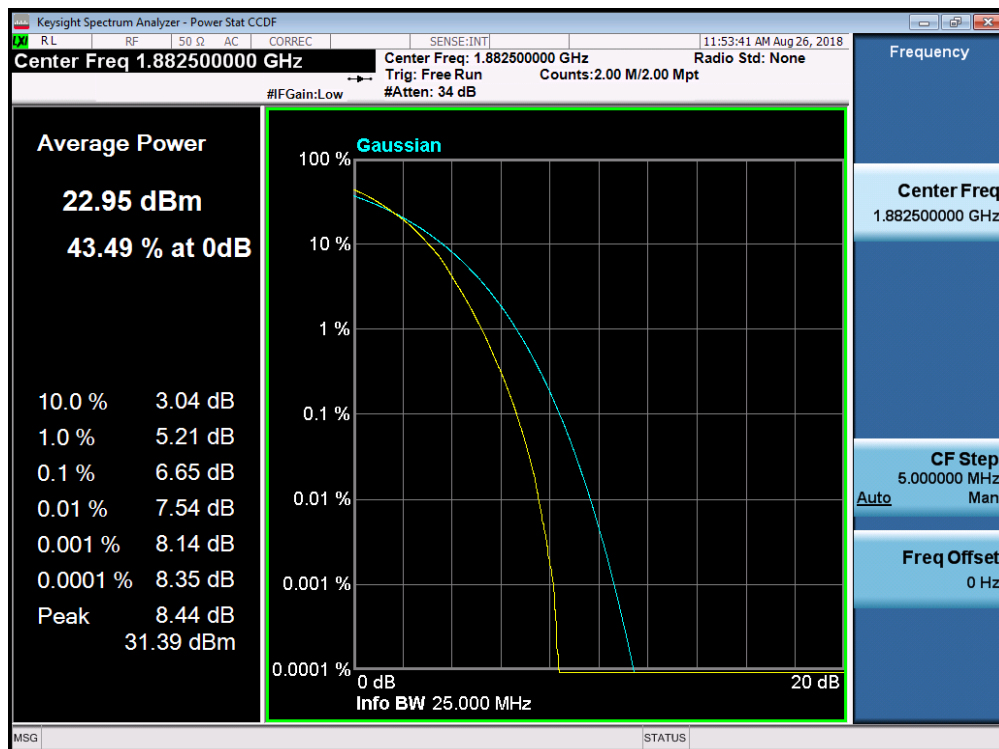


Plot 7-384. PAR Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Plot 7-385. PAR Plot (Band 25 – 20.0MHz 16-QAM – RB Size 100)



Plot 7-386. PAR Plot (Band 25 – 20.0MHz 64-QAM – RB Size 100)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 221 of 370

7.6 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 7 and 41, the minimum permissible attenuation level of any spurious emission is $55 + \log_{10}(P_{[Watts]})$.

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.

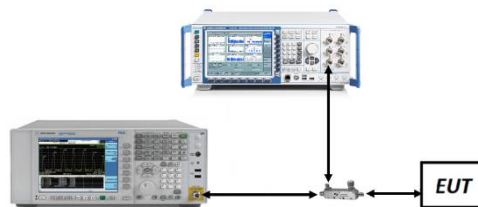


Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA1934	 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 7-4 to Table 7-19 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.

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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	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	25.00
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	24.98
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	24.95
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	24.88
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	24.86
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	24.73
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	25.00
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	24.96
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	24.84
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	24.81
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	24.71
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	24.90
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	24.94
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	24.70
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	24.71
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	24.96
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	24.92
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	24.93
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	24.72
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	24.70

Table 7-3. Conducted Powers (B7 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

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	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	0	20.83
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	21.15
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	16.72
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	21.00
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	24.92
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	23.14
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	22.16
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	22.14

Table 7-4. Conducted Powers (B7 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)										Approved by: Quality Manager
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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	24.96
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	24.72
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	24.81
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	24.74
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	24.78
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	24.98
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	24.72
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	24.75
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	24.78
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	24.97
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	24.80
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	24.76
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	24.88
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	24.81
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	24.95
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	25.00
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	24.71
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	24.70
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	24.81
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	24.92
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	24.70
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	24.71
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	24.73
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	24.71
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	24.74
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	25.00
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	24.74
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	24.81
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	24.75
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	24.70

Table 7-5. Conducted Powers (B41 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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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	20.37
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	20.32
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	16.39
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	16.34
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	24.99
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	22.96
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	21.99
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	21.96

Table 7-6. Conducted Powers (B41 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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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	20.92
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	20.94
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	21.06
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	21.25
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	21.21
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	21.15
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	21.19
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	20.98
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	20.97
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	21.17
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	21.15
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	21.02
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	21.15
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	21.25
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	20.98
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	21.13
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	21.18
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	21.01
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	21.23
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	21.25
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	21.22

Table 7-7. Conducted Powers (B7 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

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	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	0	17.10
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	17.11
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	12.92
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	17.02
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	21.25
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	19.72
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	18.77
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	18.71

Table 7-8. Conducted Powers (B7 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)										Approved by: Quality Manager
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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	21.15
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	21.18
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	21.09
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	21.00
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	21.17
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	21.25
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	21.07
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	21.02
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	21.13
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	21.05
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	21.00
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	21.19
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	21.01
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	21.14
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	21.24
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	21.25
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	21.07
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	21.12
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	21.05
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	21.30
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	21.07
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	21.08
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	21.02
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	21.09
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	21.10
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	21.24
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	21.15
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	21.13
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	21.25
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	21.24

Table 7-9. Conducted Powers (B41 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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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	16.80
Max	LTE B41	20	39750	2506	16-QAM	1	0	LTE B41	20	39948	2525.8	16-QAM	1	0	16.95
Max	LTE B41	20	39750	2506	64-QAM	1	0	LTE B41	20	39948	2525.8	64-QAM	1	0	16.85
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	16.72
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	12.78
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	16.78
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	21.25
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	19.41
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	18.40
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	18.39

Table 7-10. Conducted Powers (B41 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Port C

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	23.47
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	23.21
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	23.49
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	23.39
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	23.37
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	23.27
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	23.17
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	23.45
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	23.33
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	23.14
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	23.50
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	23.39
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	23.41
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	23.46
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	22.99
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	23.38
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	23.28
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	23.25
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	23.10
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	23.37
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	23.35

Table 7-11. Conducted Powers (B7 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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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	19.20
Max	LTE B7	20	20850	2510	16-QAM	1	0	LTE B7	20	21048	2529.8	16-QAM	1	0	19.50
Max	LTE B7	20	20850	2510	64-QAM	1	0	LTE B7	20	21048	2529.8	64-QAM	1	0	19.37
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	19.30
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	14.84
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	19.22
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	23.49
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	21.94
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	21.02
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	20.95

Table 7-12. Conducted Powers (B7 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 231 of 370

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	23.39
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	23.35
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	23.33
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	23.25
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	23.34
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	23.95
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	23.29
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	23.22
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	23.25
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	23.48
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	23.22
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	23.38
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	23.20
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	23.25
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	23.33
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	23.69
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	23.26
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	23.24
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	23.27
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	23.37
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	22.89
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	22.83
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	23.05
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	23.14
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	23.10
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	23.47
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	22.98
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	23.10
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	23.15
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	23.21

Table 7-13. Conducted Powers (B41 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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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	18.27
Max	LTE B41	20	39750	2506	16-QAM	1	0	LTE B41	20	39948	2525.8	16-QAM	1	0	18.40
Max	LTE B41	20	39750	2506	64-QAM	1	0	LTE B41	20	39948	2525.8	64-QAM	1	0	18.37
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	18.82
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	14.27
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	18.80
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	23.50
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	21.38
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	20.34
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	20.33

Table 7-14. Conducted Powers (B41 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Port D

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	21.40
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	20.85
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	20.92
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	21.25
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	21.22
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	21.20
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	21.01
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	21.13
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	21.05
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	21.07
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	21.25
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	21.04
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	21.10
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	21.30
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	21.17
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	20.84
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	20.90
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	21.00
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	21.03
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	21.10
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	21.00

Table 7-15. Conducted Powers (B7 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

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	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	0	16.75
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	12.80
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	12.41
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	17.25
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	21.45
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	18.20
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	17.30
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	17.27

Table 7-16. Conducted Powers (B7 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)										Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device									Page 234 of 370

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	20.81
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	21.48
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	21.38
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	21.36
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	21.50
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	21.43
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	21.37
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	21.32
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	21.45
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	21.50
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	21.25
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	21.49
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	21.50
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	21.50
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	21.50
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	21.47
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	21.37
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	21.40
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	21.37
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	21.42
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	21.39
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	21.37
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	21.44
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	21.34
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	21.32
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	21.45
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	21.45
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	21.50
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	21.50
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	21.49

Table 7-17. Conducted Powers (B41 – Left Carrier: RB Size 1 Offset Max Right Carrier: RB Size 1 Offset 0)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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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	15.65
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	13.72
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	12.30
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	16.67
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	21.47
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	19.22
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	18.20
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	18.18

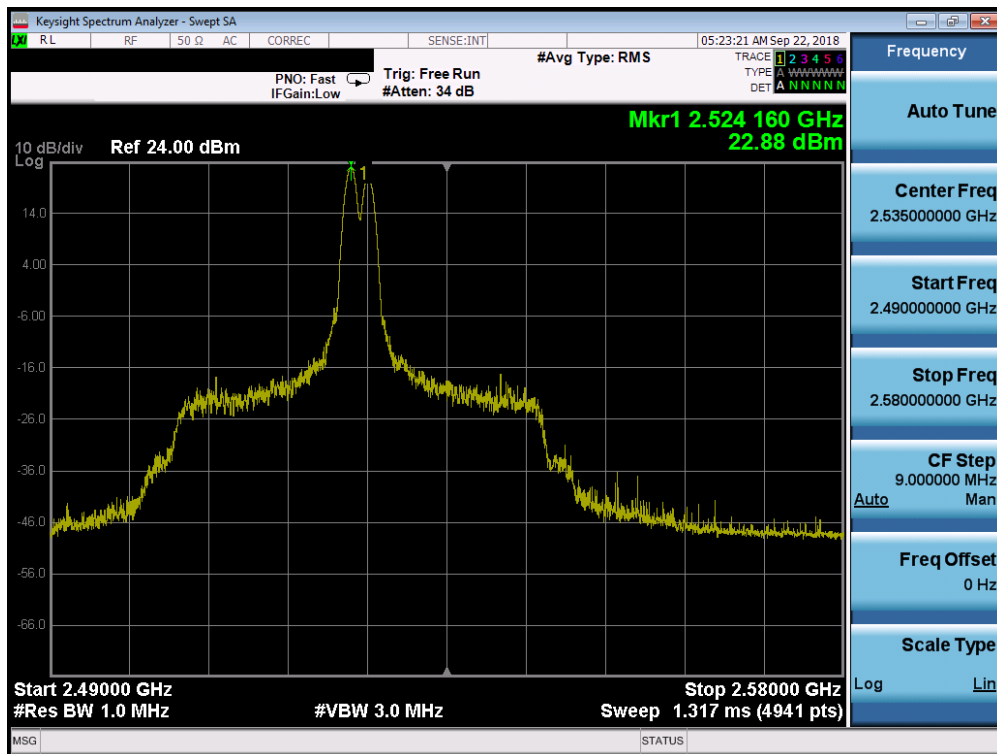
Table 7-18. Conducted Powers (B41 with Various Combinations for 20MHz Channel Bandwidth)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Band 7

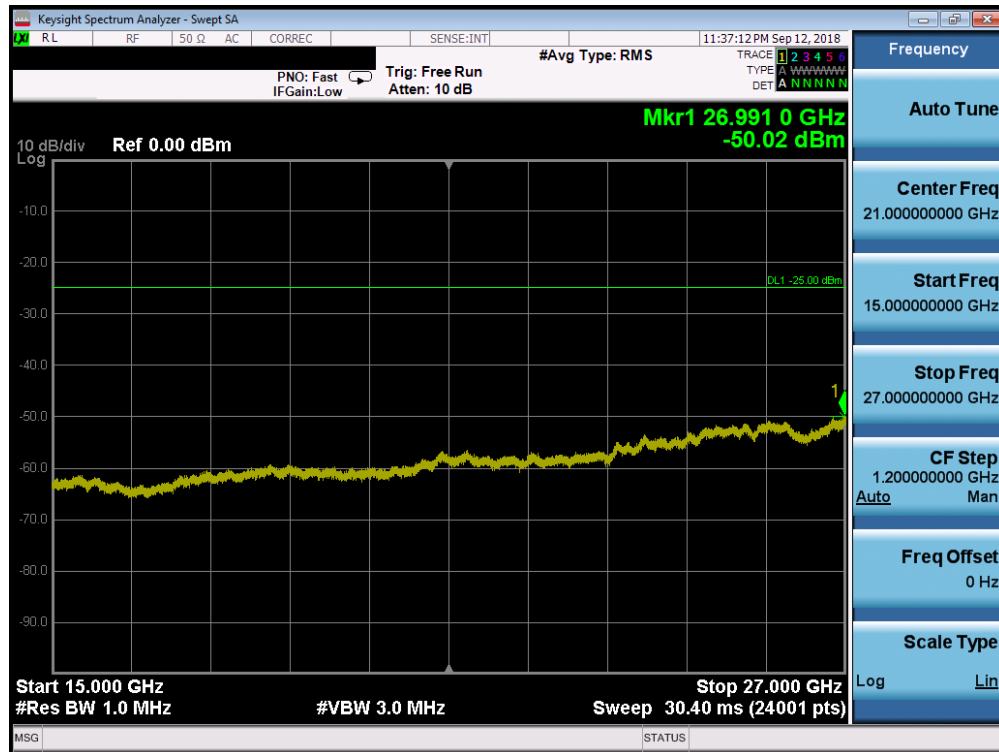


Plot 7-387. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

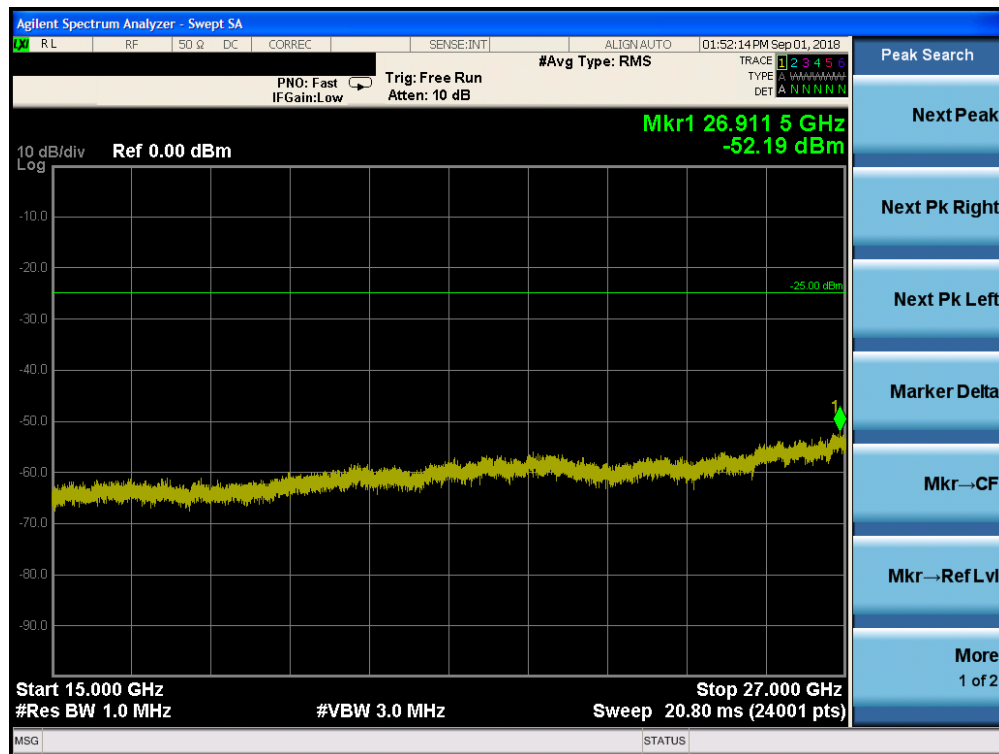


Plot 7-388. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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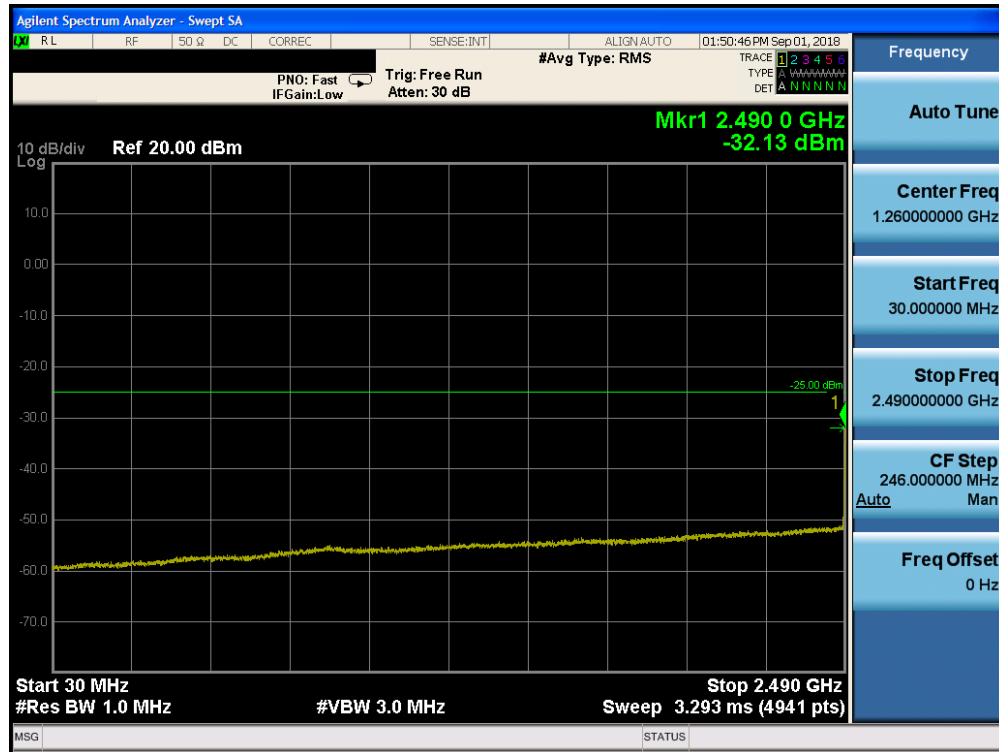


Plot 7-389. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

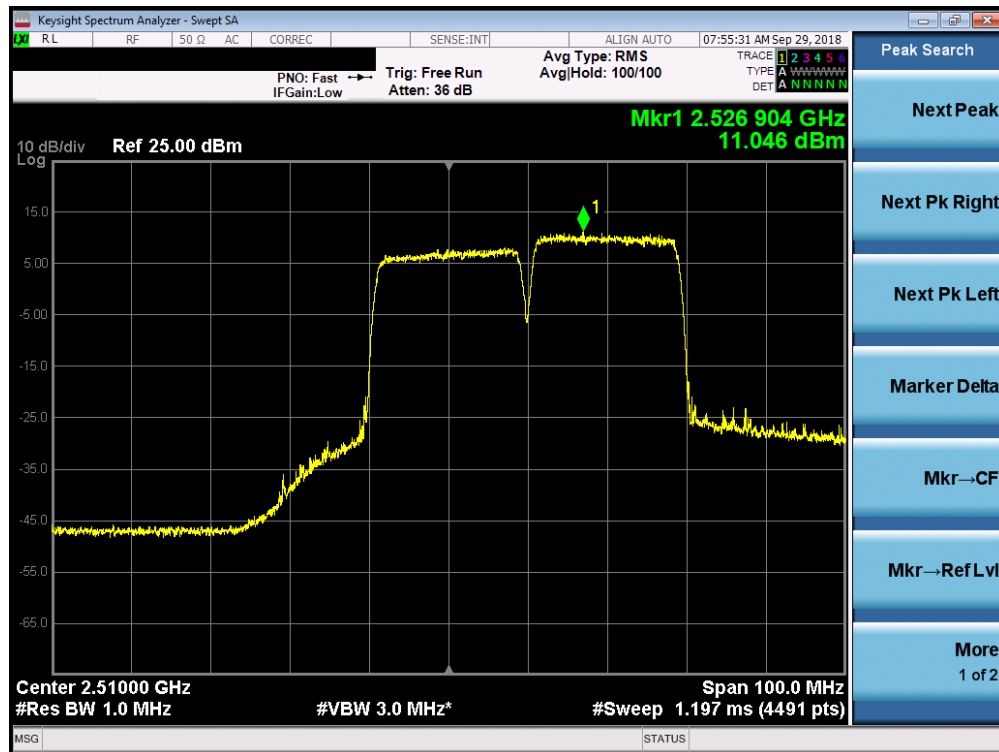


Plot 7-390. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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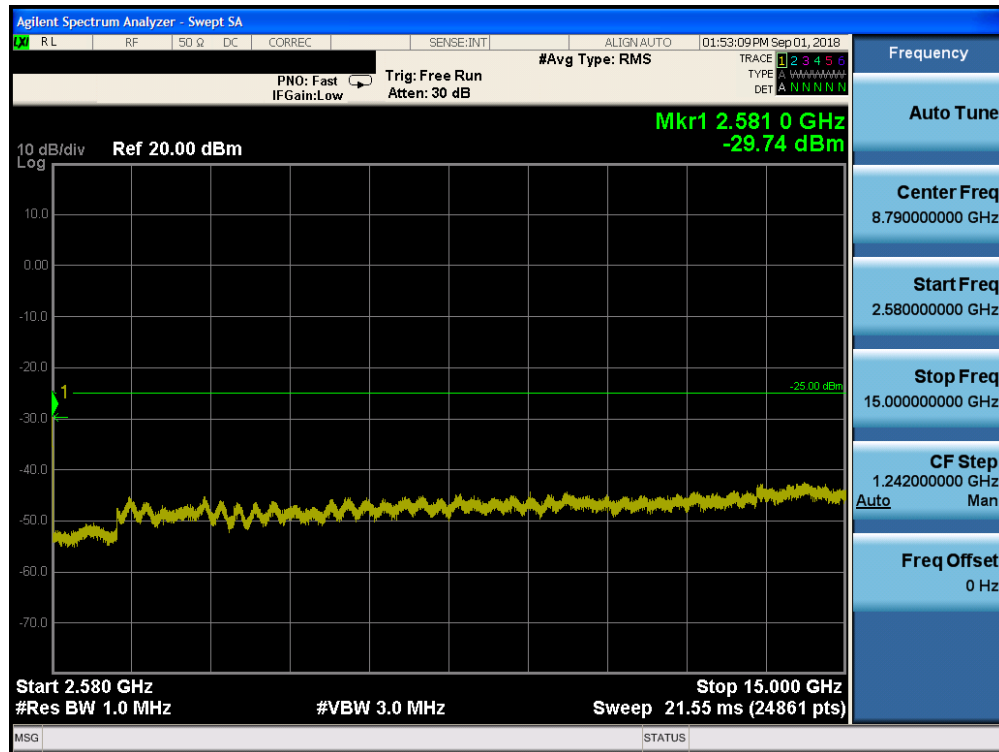


Plot 7-391. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

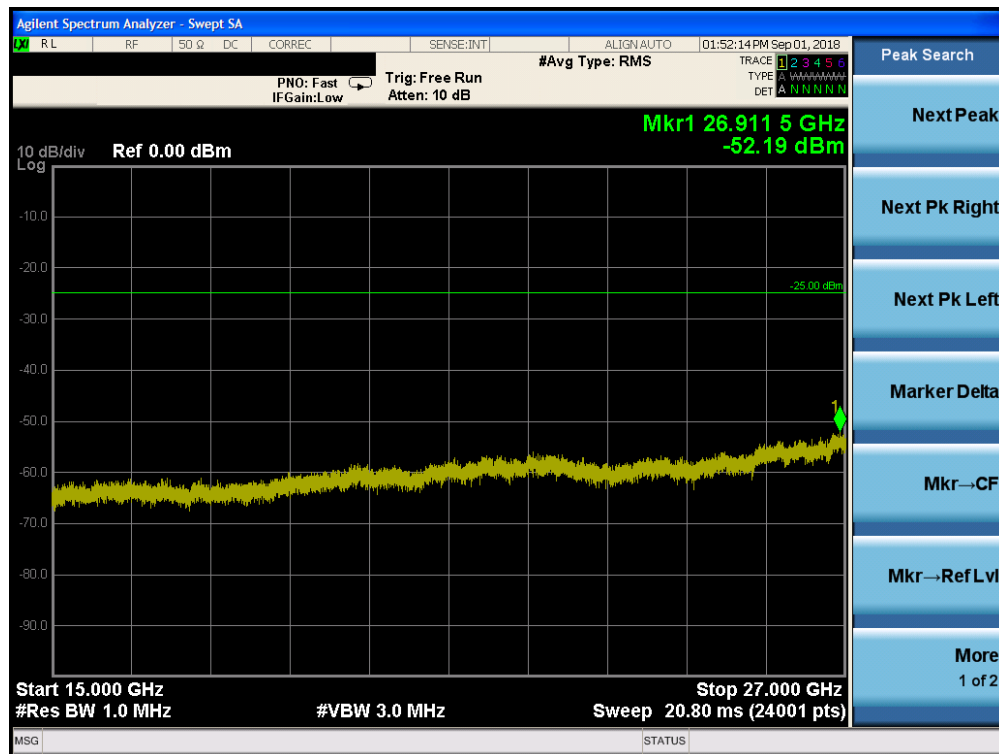


Plot 7-392. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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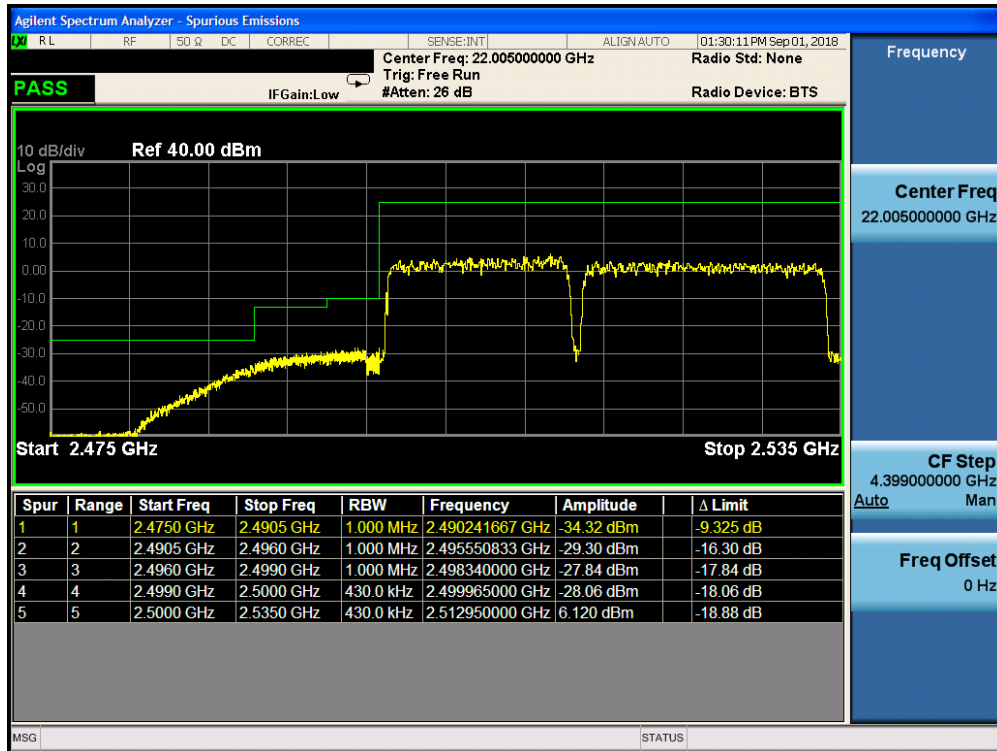


Plot 7-393. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

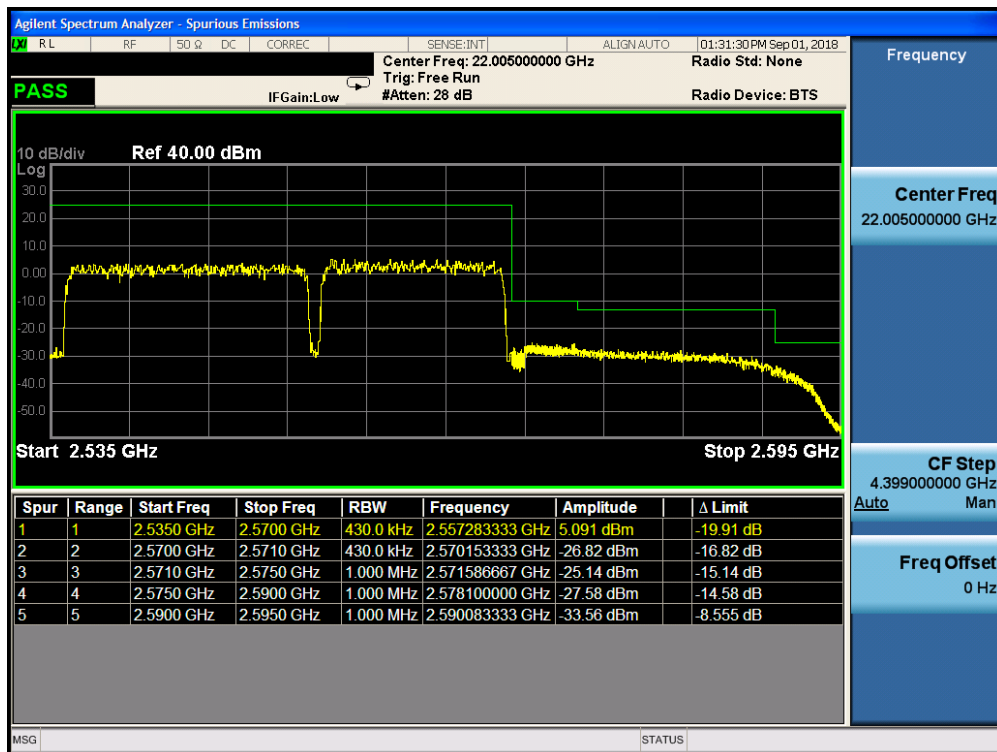


Plot 7-394. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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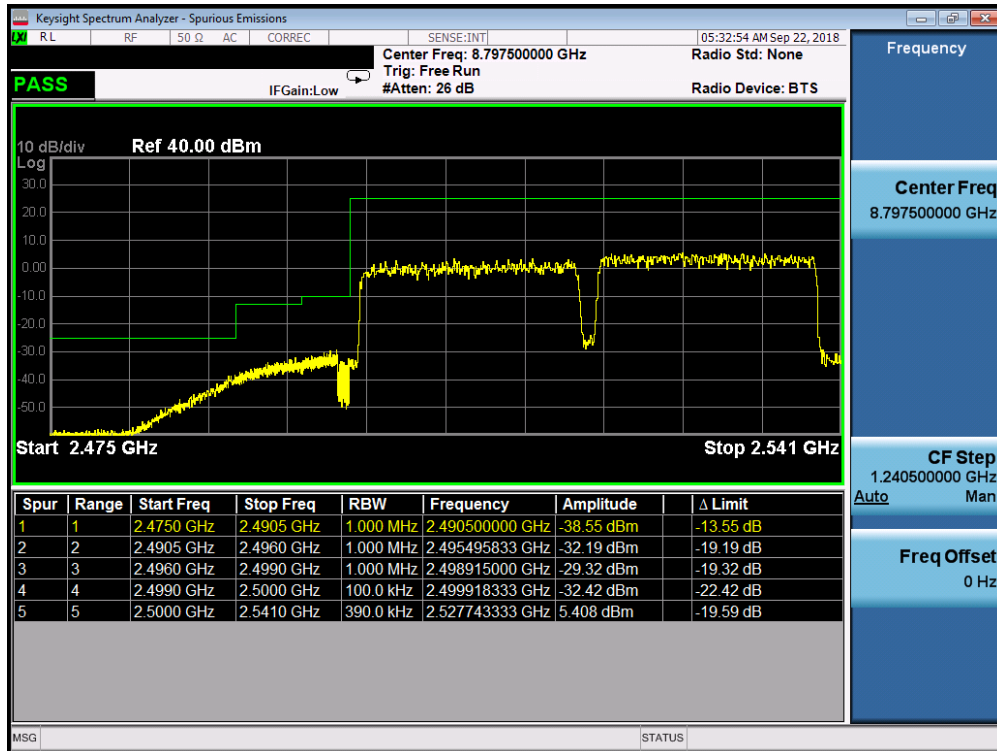


Plot 7-395. Lower ACP Plot (Band 7 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

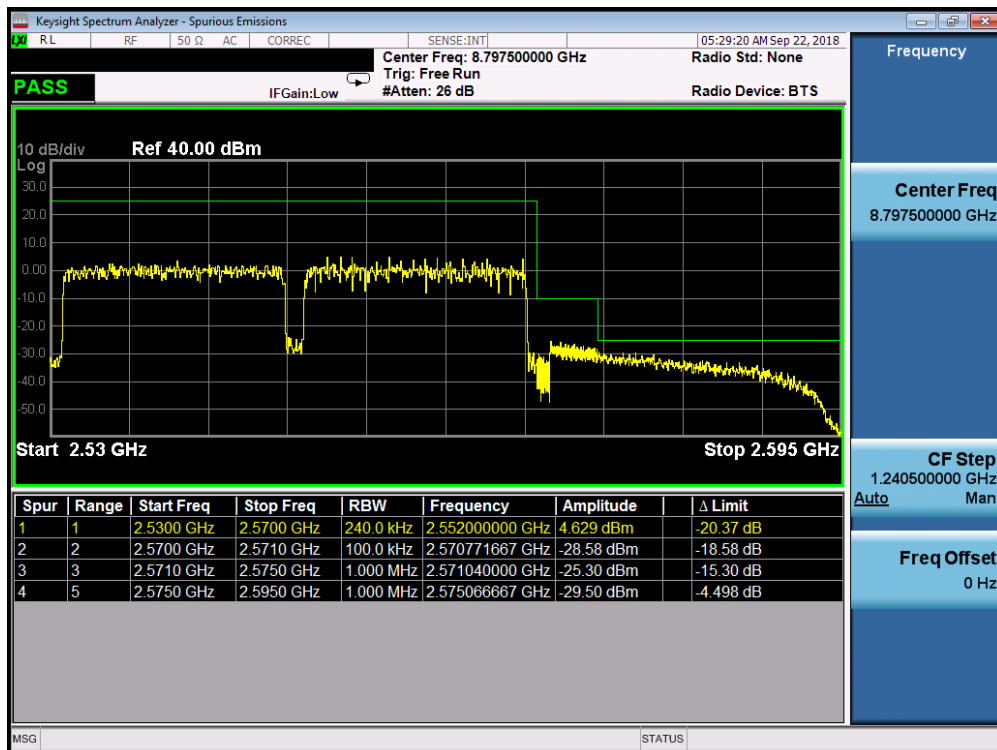


Plot 7-396. Upper ACP Plot (Band 7 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	
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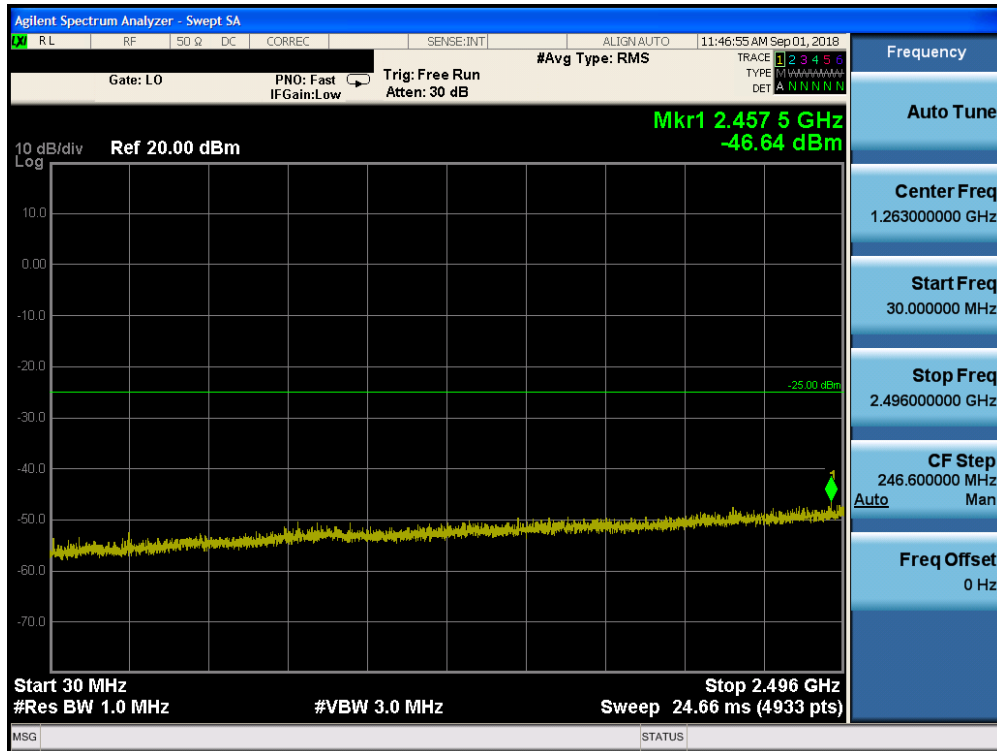
Plot 7-397. Lower ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)



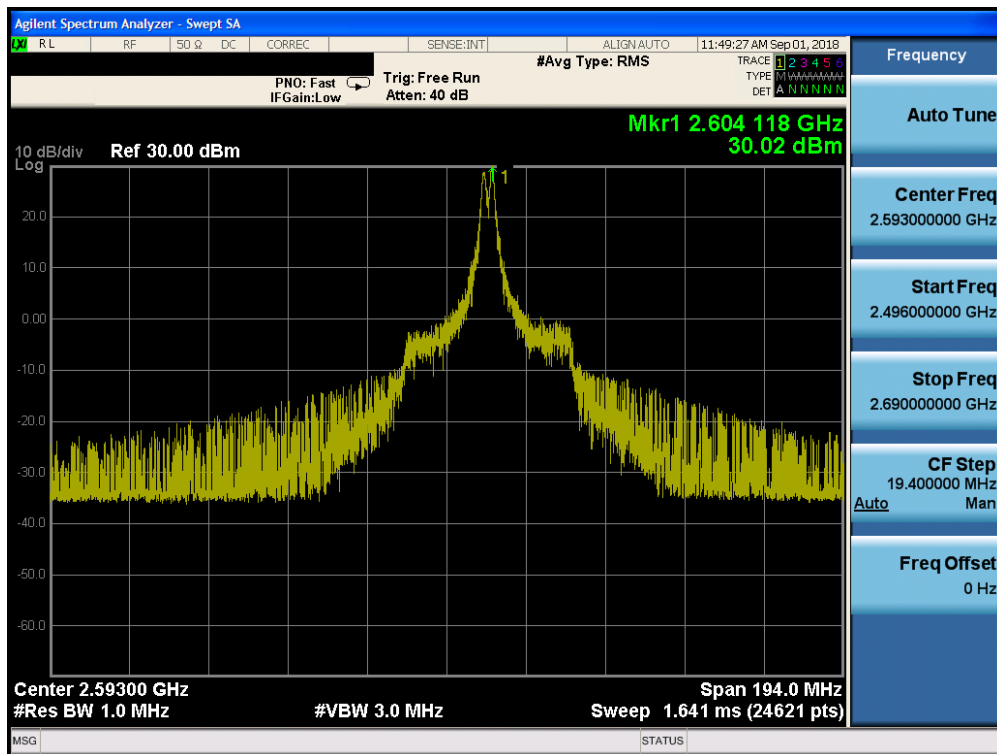
Plot 7-398. Upper ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Band 41

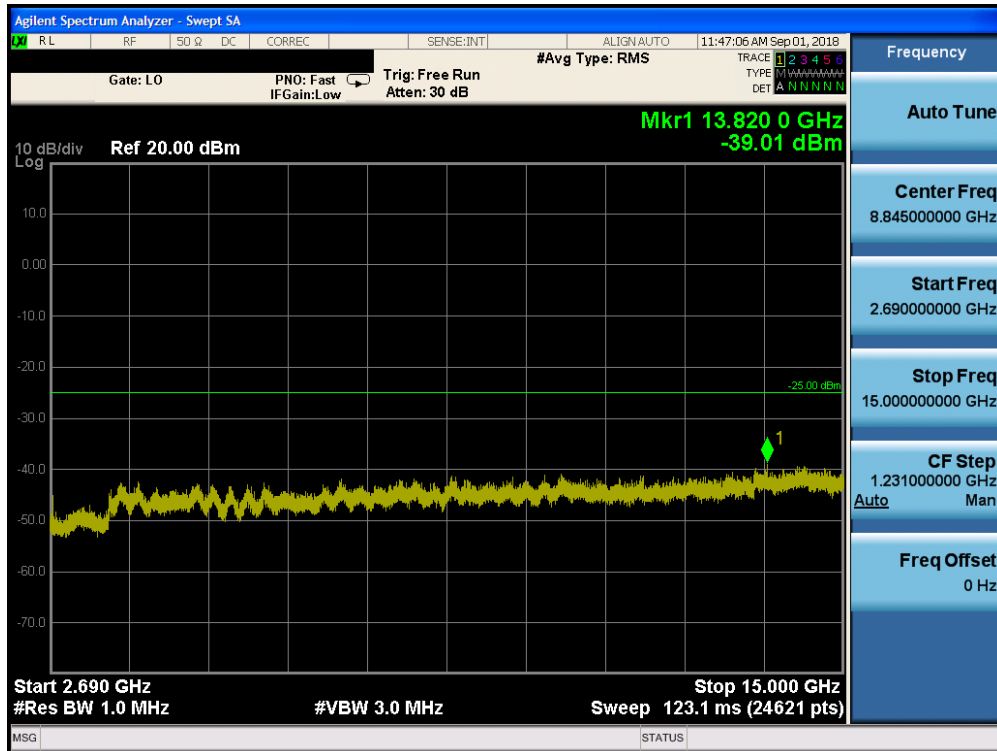


Plot 7-399. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

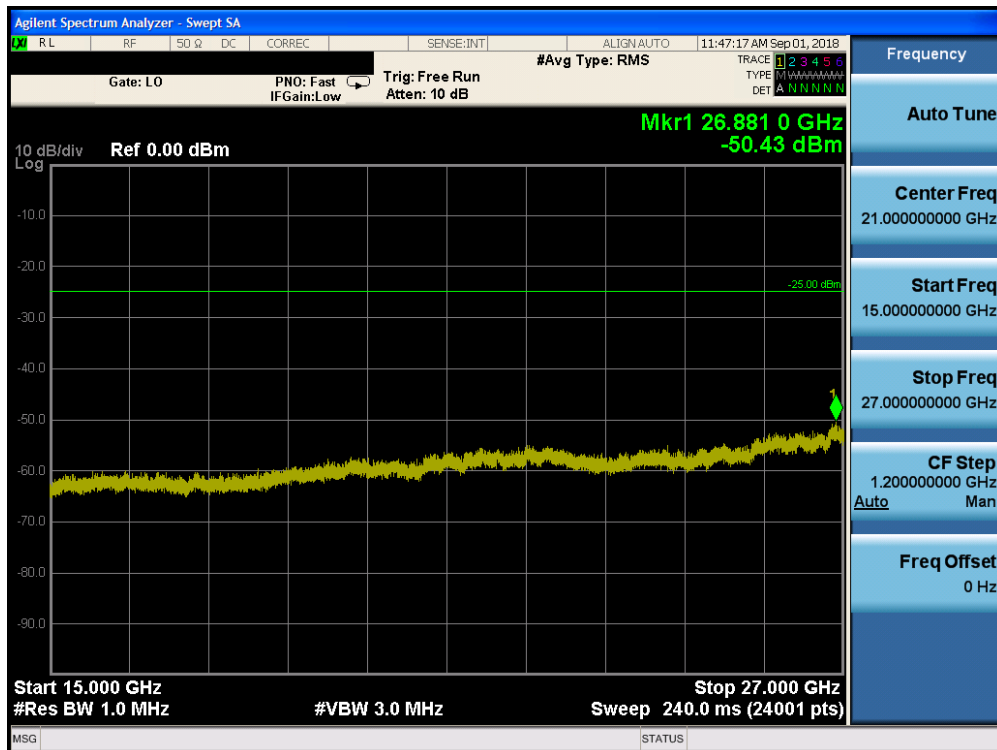


Plot 7-400. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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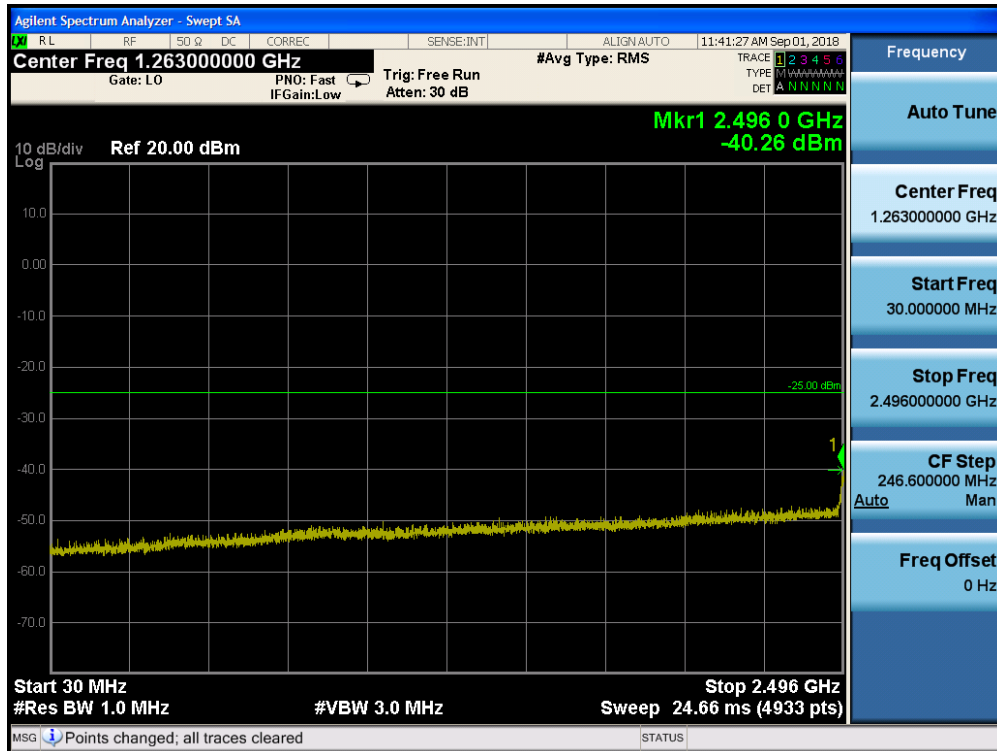


Plot 7-401. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

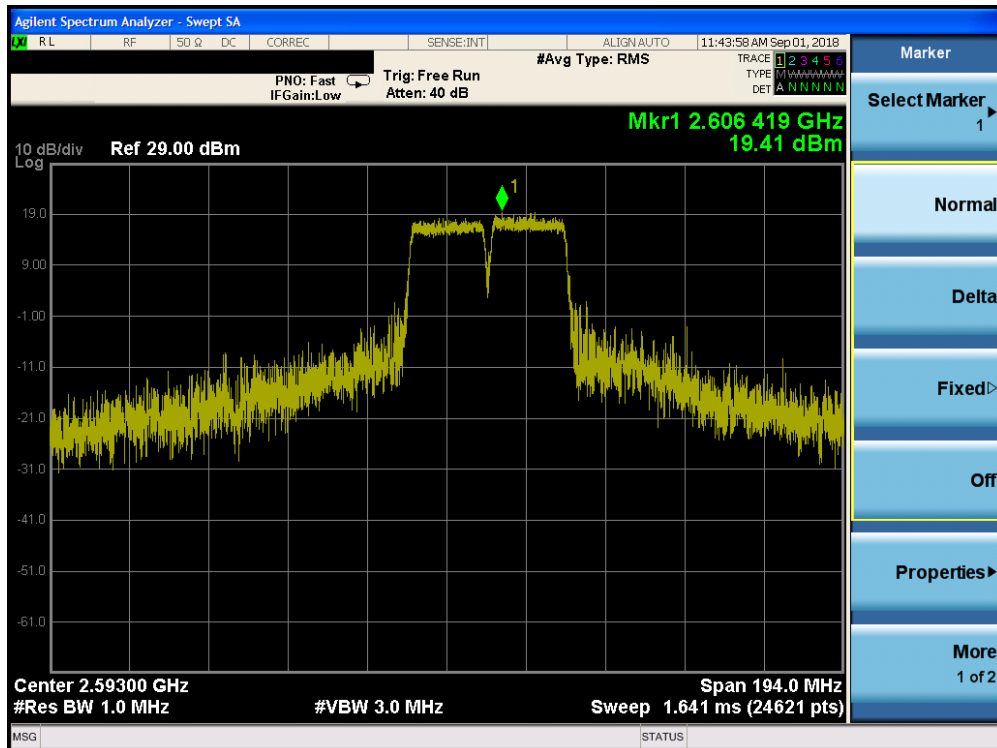


Plot 7-402. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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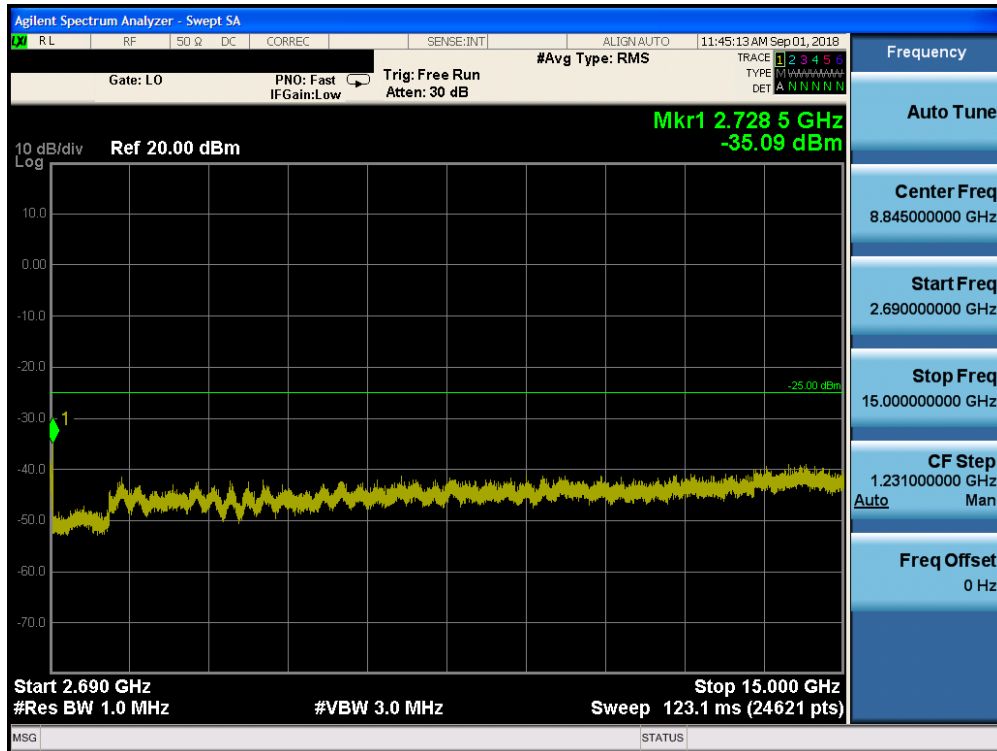


Plot 7-403. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

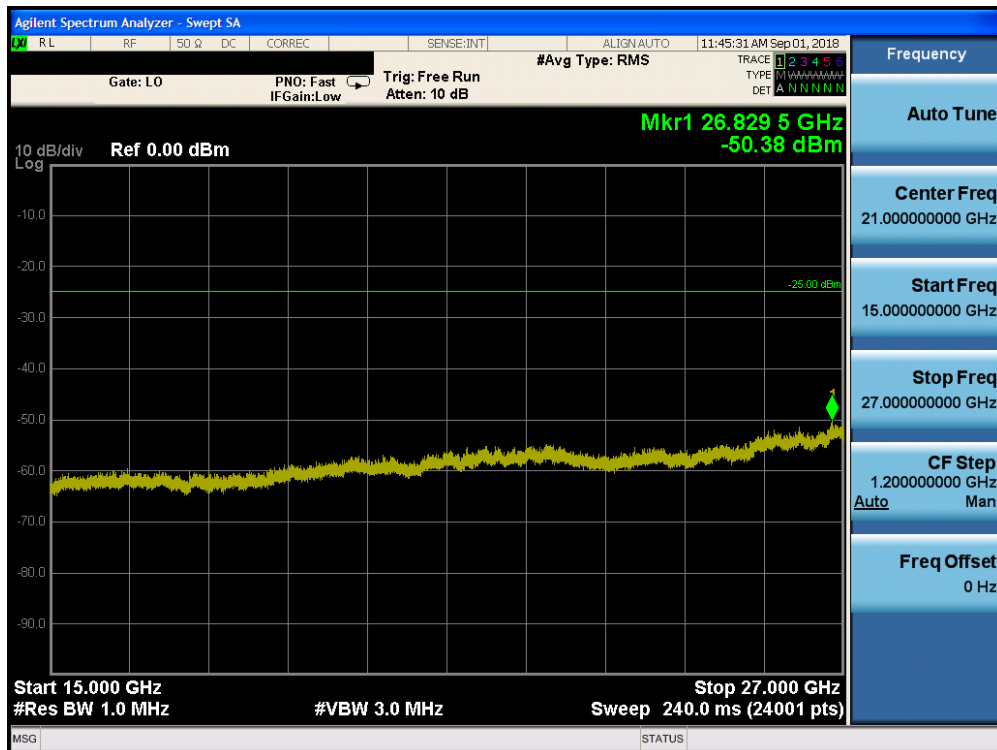


Plot 7-404. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 245 of 370

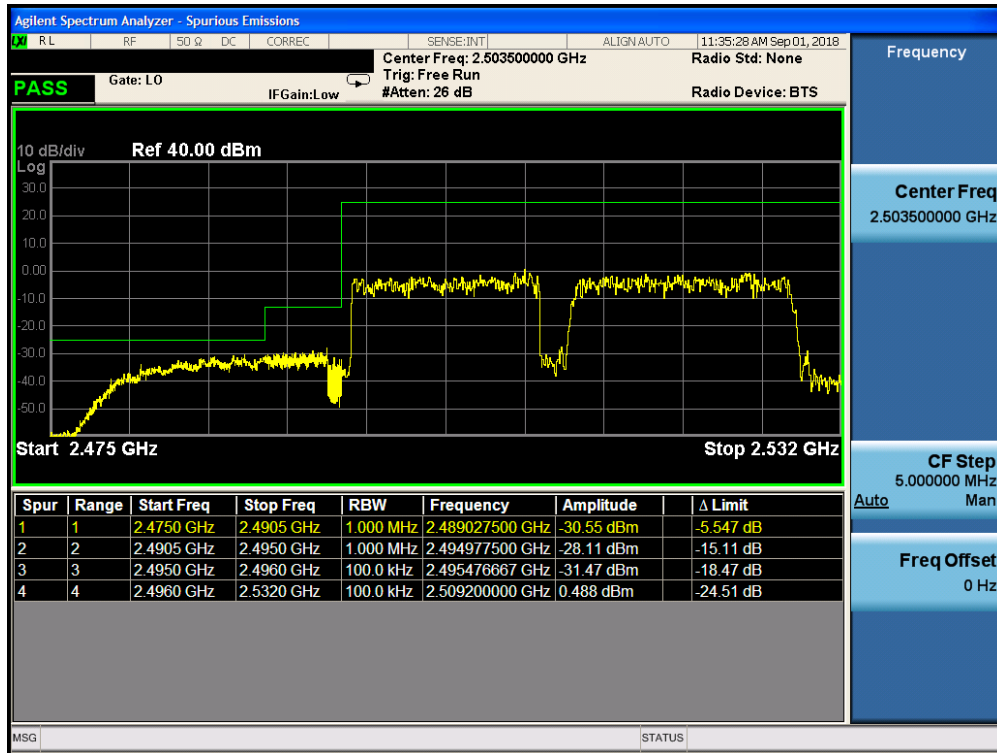


Plot 7-405. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

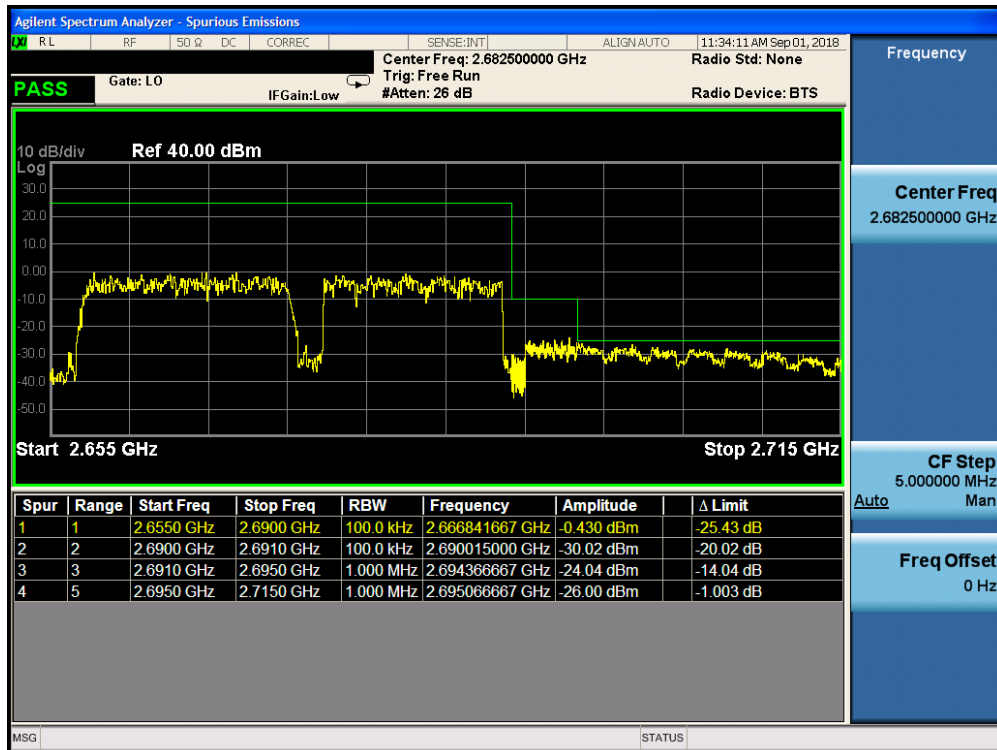


Plot 7-406. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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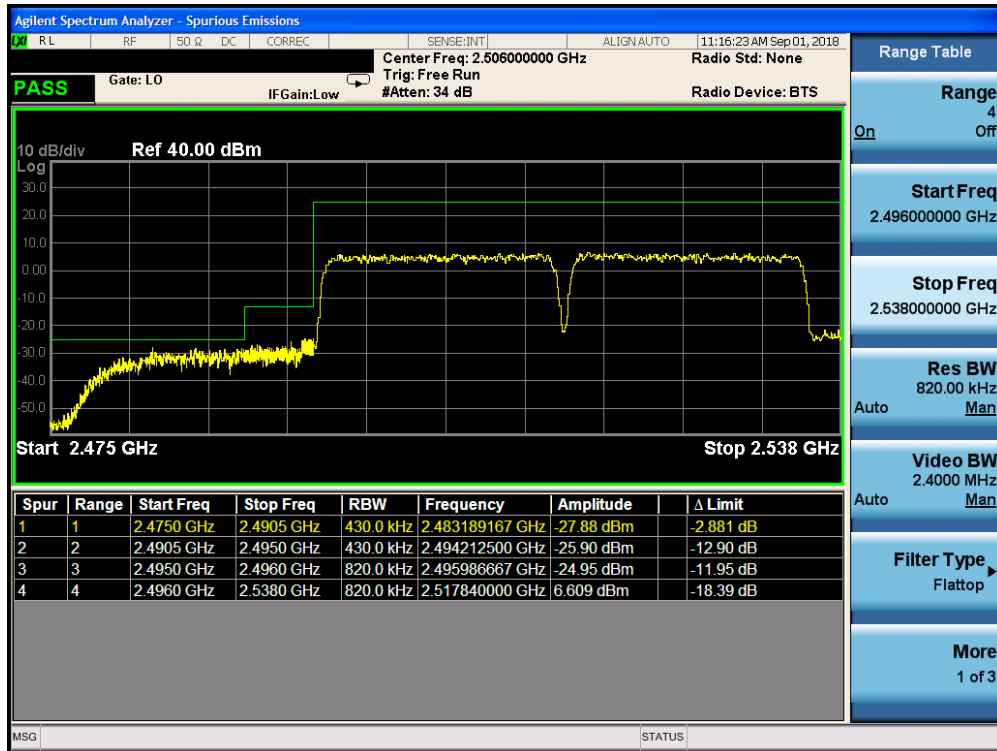


Plot 7-407. Lower ACP Plot (Band 41 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

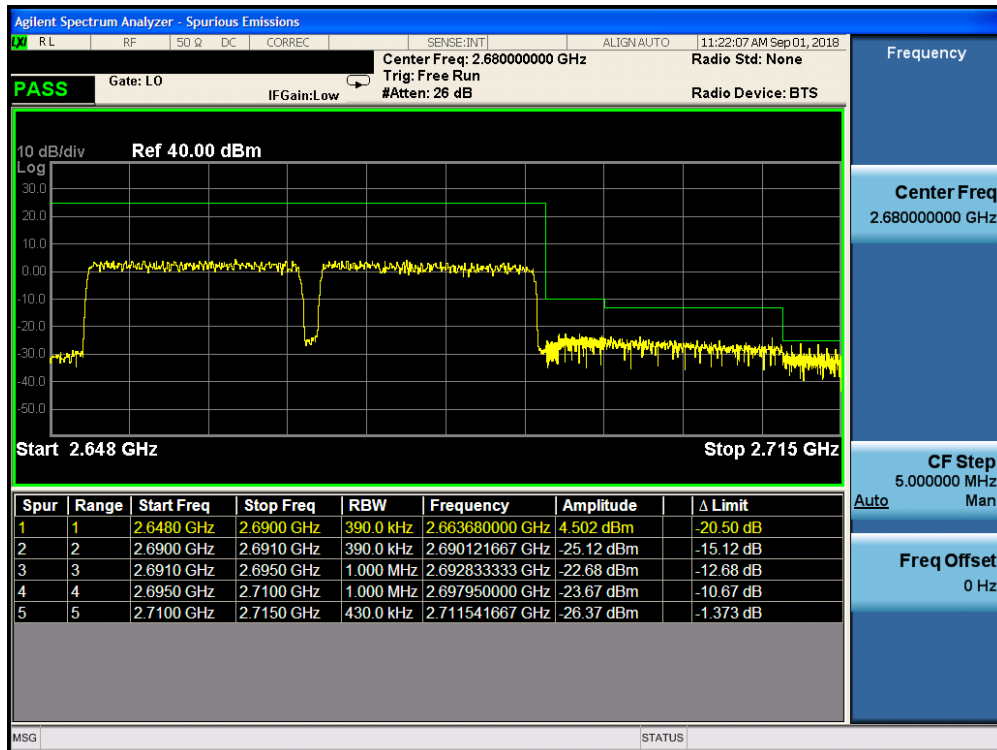


Plot 7-408. Upper ACP Plot (Band 41 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Plot 7-409. Lower ACP Plot (Band 41 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)



Plot 7-410. Upper ACP Plot (Band 41 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.7 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 7-6. ERP/EIRP Measurement Setup

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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.
- 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.
- 5) Refer to Table 2-1 Section 2.3 of this test report for correlation between Antennas and Ports.

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.7.1 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]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
699.70	1.4	QPSK	1 / 0	25.38	-2.10	21.13	0.130	34.77	-13.64	23.28	0.213	36.99	-13.71
707.50	1.4	QPSK	1 / 0	24.90	-2.10	20.65	0.116	34.77	-14.12	22.80	0.191	36.99	-14.19
715.30	1.4	QPSK	1 / 3	24.76	-2.10	20.51	0.112	34.77	-14.26	22.66	0.184	36.99	-14.33
699.70	1.4	16-QAM	1 / 0	24.57	-2.10	20.32	0.108	34.77	-14.45	22.47	0.176	36.99	-14.52
699.70	1.4	64-QAM	1 / 0	23.65	-2.10	19.40	0.087	34.77	-15.37	21.55	0.143	36.99	-15.44
700.50	3	QPSK	1 / 7	25.07	-2.10	20.82	0.121	34.77	-13.95	22.97	0.198	36.99	-14.02
707.50	3	QPSK	1 / 7	24.80	-2.10	20.55	0.113	34.77	-14.23	22.70	0.186	36.99	-14.29
714.50	3	QPSK	1 / 7	24.55	-2.10	20.30	0.107	34.77	-14.47	22.45	0.176	36.99	-14.54
700.50	3	16-QAM	1 / 0	24.37	-2.10	20.12	0.103	34.77	-14.65	22.27	0.169	36.99	-14.72
700.50	3	64-QAM	1 / 7	23.67	-2.10	19.42	0.087	34.77	-15.35	21.57	0.144	36.99	-15.42
701.50	5	QPSK	1 / 0	25.18	-2.10	20.93	0.124	34.77	-13.84	23.08	0.203	36.99	-13.91
707.50	5	QPSK	1 / 0	24.92	-2.10	20.67	0.117	34.77	-14.11	22.82	0.191	36.99	-14.17
713.50	5	QPSK	1 / 24	25.11	-2.10	20.86	0.122	34.77	-13.91	23.01	0.200	36.99	-13.98
701.50	5	16-QAM	1 / 0	24.68	-2.10	20.43	0.110	34.77	-14.34	22.58	0.181	36.99	-14.41
701.50	5	64-QAM	1 / 0	23.74	-2.10	19.49	0.089	34.77	-15.28	21.64	0.146	36.99	-15.35
704.00	10	QPSK	1 / 0	25.08	-2.10	20.83	0.121	34.77	-13.94	22.98	0.199	36.99	-14.01
707.50	10	QPSK	1 / 0	24.89	-2.10	20.64	0.116	34.77	-14.13	22.79	0.190	36.99	-14.20
711.00	10	QPSK	1 / 0	24.91	-2.10	20.66	0.116	34.77	-14.11	22.81	0.191	36.99	-14.18
704.00	10	16-QAM	1 / 0	24.53	-2.10	20.28	0.107	34.77	-14.50	22.43	0.175	36.99	-14.56
704.00	10	64-QAM	1 / 0	23.80	-2.10	19.55	0.090	34.77	-15.22	21.70	0.148	36.99	-15.29

Table 7-19. ERP Data (Band 12)

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 / 12	25.48	-2.10	21.23	0.133	34.77	-13.54	23.38	0.218	36.99	-13.61
710.00	5	QPSK	1 / 0	25.13	-2.10	20.88	0.123	34.77	-13.89	23.03	0.201	36.99	-13.96
713.50	5	QPSK	1 / 24	25.20	-2.10	20.95	0.125	34.77	-13.82	23.10	0.204	36.99	-13.89
713.50	5	16-QAM	1 / 0	24.44	-2.10	20.19	0.104	34.77	-14.58	22.34	0.171	36.99	-14.65
706.50	5	64-QAM	1 / 0	23.85	-2.10	19.60	0.091	34.77	-15.17	21.75	0.150	36.99	-15.24
710.00	10	QPSK	1 / 0	24.91	-2.10	20.66	0.116	34.77	-14.11	22.81	0.191	36.99	-14.18
710.00	10	16-QAM	1 / 0	24.40	-2.10	20.15	0.104	34.77	-14.62	22.30	0.170	36.99	-14.69
710.00	10	64-QAM	1 / 0	23.77	-2.10	19.52	0.090	34.77	-15.25	21.67	0.147	36.99	-15.32

Table 7-20. ERP Data (Band 17)

FCC ID: BCGA1934	 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]
779.50	5	QPSK	1 / 12	25.40	-2.10	21.15	0.130	34.77	-13.62	23.30	0.214	36.99	-13.69
782.00	5	QPSK	1 / 0	25.10	-2.10	20.85	0.121	34.77	-13.93	23.00	0.199	36.99	-13.99
784.50	5	QPSK	1 / 0	25.19	-2.10	20.94	0.124	34.77	-13.83	23.09	0.204	36.99	-13.90
782.00	5	16-QAM	1 / 12	24.91	-2.10	20.66	0.116	34.77	-14.11	22.81	0.191	36.99	-14.18
782.00	5	64-QAM	1 / 0	23.89	-2.10	19.64	0.092	34.77	-15.13	21.79	0.151	36.99	-15.20
782.00	10	QPSK	1 / 0	25.09	-2.10	20.84	0.121	34.77	-13.93	22.99	0.199	36.99	-14.00
782.00	10	16-QAM	1 / 25	24.65	-2.10	20.40	0.110	34.77	-14.37	22.55	0.180	36.99	-14.44
782.00	10	64-QAM	1 / 0	23.91	-2.10	19.66	0.092	34.77	-15.11	21.81	0.152	36.99	-15.18

Table 7-21. ERP Data (Band 13)

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	24.84	-0.60	22.09	0.162	38.45	-16.36	24.24	0.266	40.61	-16.36
836.50	1.4	QPSK	3 / 3	24.84	-0.60	22.09	0.162	38.45	-16.36	24.24	0.266	40.61	-16.37
848.30	1.4	QPSK	3 / 3	24.79	-0.60	22.04	0.160	38.45	-16.41	24.19	0.263	40.61	-16.41
836.50	1.4	16-QAM	1 / 2	24.52	-0.60	21.77	0.150	38.45	-16.68	23.92	0.246	40.61	-16.69
848.30	1.4	64-QAM	1 / 5	23.87	-0.60	21.12	0.129	38.45	-17.33	23.27	0.212	40.61	-17.34
825.50	3	QPSK	1 / 0	24.83	-0.60	22.08	0.162	38.45	-16.37	24.23	0.265	40.61	-16.37
836.50	3	QPSK	1 / 14	24.76	-0.60	22.01	0.159	38.45	-16.44	24.16	0.260	40.61	-16.45
847.50	3	QPSK	1 / 7	24.76	-0.60	22.01	0.159	38.45	-16.44	24.16	0.261	40.61	-16.45
847.50	3	16-QAM	1 / 7	24.53	-0.60	21.78	0.151	38.45	-16.67	23.93	0.247	40.61	-16.67
836.50	3	64-QAM	1 / 7	23.78	-0.60	21.03	0.127	38.45	-17.42	23.18	0.208	40.61	-17.43
826.50	5	QPSK	1 / 0	25.04	-0.60	22.29	0.169	38.45	-16.16	24.44	0.278	40.61	-16.17
836.50	5	QPSK	1 / 24	24.94	-0.60	22.19	0.166	38.45	-16.26	24.34	0.272	40.61	-16.26
846.50	5	QPSK	1 / 24	24.96	-0.60	22.21	0.166	38.45	-16.24	24.36	0.273	40.61	-16.24
836.50	5	16-QAM	1 / 24	24.55	-0.60	21.80	0.151	38.45	-16.65	23.95	0.248	40.61	-16.66
836.50	5	64-QAM	1 / 12	23.92	-0.60	21.17	0.131	38.45	-17.28	23.32	0.215	40.61	-17.29
829.00	10	QPSK	1 / 49	24.86	-0.60	22.11	0.163	38.45	-16.34	24.26	0.267	40.61	-16.35
836.50	10	QPSK	1 / 49	24.98	-0.60	22.23	0.167	38.45	-16.22	24.38	0.274	40.61	-16.22
844.00	10	QPSK	1 / 0	24.93	-0.60	22.18	0.165	38.45	-16.27	24.33	0.271	40.61	-16.27
844.00	10	16-QAM	1 / 0	24.58	-0.60	21.83	0.152	38.45	-16.62	23.98	0.250	40.61	-16.63
844.00	10	64-QAM	1 / 0	23.95	-0.60	21.20	0.132	38.45	-17.25	23.35	0.216	40.61	-17.26

Table 7-22. ERP Data (Band 5)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 252 of 370

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 / 5	24.85	-0.60	22.10	0.162	38.45	-16.35	24.25	0.266	40.61	-16.36
836.50	1.4	QPSK	1 / 5	24.79	-0.60	22.04	0.160	38.45	-16.41	24.19	0.262	40.61	-16.42
848.30	1.4	QPSK	1 / 0	24.69	-0.60	21.94	0.156	38.45	-16.51	24.09	0.257	40.61	-16.51
824.70	1.4	16-QAM	1 / 0	24.68	-0.60	21.93	0.156	38.45	-16.52	24.08	0.256	40.61	-16.52
824.70	1.4	64-QAM	1 / 2	23.75	-0.60	21.00	0.126	38.45	-17.45	23.15	0.207	40.61	-17.46
825.50	3	QPSK	1 / 7	24.99	-0.60	22.24	0.167	38.45	-16.21	24.39	0.275	40.61	-16.22
836.50	3	QPSK	1 / 7	24.74	-0.60	21.99	0.158	38.45	-16.47	24.14	0.259	40.61	-16.47
847.50	3	QPSK	1 / 0	24.73	-0.60	21.98	0.158	38.45	-16.47	24.13	0.259	40.61	-16.48
847.50	3	16-QAM	1 / 7	24.49	-0.60	21.74	0.149	38.45	-16.71	23.89	0.245	40.61	-16.72
825.50	3	64-QAM	1 / 7	23.74	-0.60	20.99	0.126	38.45	-17.46	23.14	0.206	40.61	-17.47
826.50	5	QPSK	1 / 0	25.16	-0.60	22.41	0.174	38.45	-16.04	24.56	0.286	40.61	-16.05
836.50	5	QPSK	1 / 24	24.86	-0.60	22.11	0.162	38.45	-16.34	24.26	0.267	40.61	-16.35
846.50	5	QPSK	1 / 0	24.99	-0.60	22.24	0.167	38.45	-16.21	24.39	0.275	40.61	-16.22
836.50	5	16-QAM	1 / 24	24.65	-0.60	21.90	0.155	38.45	-16.55	24.05	0.254	40.61	-16.56
826.50	5	64-QAM	1 / 0	23.79	-0.60	21.04	0.127	38.45	-17.41	23.19	0.208	40.61	-17.42
829.00	10	QPSK	1 / 49	24.85	-0.60	22.10	0.162	38.45	-16.35	24.25	0.266	40.61	-16.36
836.50	10	QPSK	1 / 0	24.83	-0.60	22.08	0.162	38.45	-16.37	24.23	0.265	40.61	-16.37
844.00	10	QPSK	1 / 0	24.90	-0.60	22.15	0.164	38.45	-16.30	24.30	0.269	40.61	-16.31
836.50	10	16-QAM	1 / 49	24.47	-0.60	21.72	0.148	38.45	-16.74	23.87	0.244	40.61	-16.74
844.00	10	64-QAM	1 / 0	23.85	-0.60	21.10	0.129	38.45	-17.35	23.25	0.211	40.61	-17.36
831.50	15	QPSK	1 / 0	24.86	-0.60	22.11	0.162	38.45	-16.34	24.26	0.267	40.61	-16.35
836.50	15	QPSK	1 / 74	24.79	-0.60	22.04	0.160	38.45	-16.41	24.19	0.262	40.61	-16.42
841.50	15	QPSK	1 / 36	24.84	-0.60	22.09	0.162	38.45	-16.36	24.24	0.265	40.61	-16.37
831.50	15	16-QAM	1 / 0	24.40	-0.60	21.65	0.146	38.45	-16.80	23.80	0.240	40.61	-16.81
841.50	15	64-QAM	1 / 36	23.82	-0.60	21.07	0.128	38.45	-17.38	23.22	0.210	40.61	-17.39

Table 7-23. ERP Data (Band 26)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 253 of 370

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 / 0	25.33	-2.00	23.33	0.215	30.00	-6.67
1732.50	1.4	QPSK	3 / 3	25.33	-2.00	23.33	0.215	30.00	-6.67
1754.30	1.4	QPSK	1 / 5	25.30	-2.00	23.30	0.214	30.00	-6.70
1732.50	1.4	16-QAM	1 / 5	24.80	-2.00	22.80	0.190	30.00	-7.20
1710.70	1.4	64-QAM	1 / 5	23.63	-2.00	21.63	0.146	30.00	-8.37
1711.50	3	QPSK	1 / 7	25.32	-2.00	23.32	0.215	30.00	-6.68
1732.50	3	QPSK	1 / 7	25.22	-2.00	23.22	0.210	30.00	-6.78
1753.50	3	QPSK	1 / 7	25.05	-2.00	23.05	0.202	30.00	-6.95
1732.50	3	16-QAM	1 / 7	24.79	-2.00	22.79	0.190	30.00	-7.21
1732.50	3	64-QAM	1 / 7	23.67	-2.00	21.67	0.147	30.00	-8.33
1712.50	5	QPSK	1 / 0	25.48	-2.00	23.48	0.223	30.00	-6.52
1732.50	5	QPSK	1 / 24	25.47	-2.00	23.47	0.222	30.00	-6.53
1752.50	5	QPSK	1 / 24	25.43	-2.00	23.43	0.220	30.00	-6.57
1732.50	5	16-QAM	1 / 24	24.84	-2.00	22.84	0.192	30.00	-7.16
1732.50	5	64-QAM	1 / 0	23.73	-2.00	21.73	0.149	30.00	-8.27
1715.00	10	QPSK	1 / 0	25.50	-2.00	23.50	0.224	30.00	-6.50
1732.50	10	QPSK	1 / 49	25.47	-2.00	23.47	0.222	30.00	-6.53
1750.00	10	QPSK	1 / 0	25.44	-2.00	23.44	0.221	30.00	-6.56
1732.50	10	16-QAM	1 / 49	24.87	-2.00	22.87	0.194	30.00	-7.13
1715.00	10	64-QAM	1 / 0	23.71	-2.00	21.71	0.148	30.00	-8.29
1717.50	15	QPSK	1 / 0	25.50	-2.00	23.50	0.224	30.00	-6.50
1732.50	15	QPSK	1 / 36	25.44	-2.00	23.44	0.221	30.00	-6.56
1747.50	15	QPSK	1 / 0	25.45	-2.00	23.45	0.221	30.00	-6.55
1732.50	15	16-QAM	1 / 0	24.90	-2.00	22.90	0.195	30.00	-7.10
1717.50	15	64-QAM	1 / 0	23.70	-2.00	21.70	0.148	30.00	-8.30
1720.00	20	QPSK	1 / 0	25.40	-2.00	23.40	0.219	30.00	-6.60
1732.50	20	QPSK	1 / 99	25.50	-2.00	23.50	0.224	30.00	-6.50
1745.00	20	QPSK	1 / 0	25.50	-2.00	23.50	0.224	30.00	-6.50
1732.50	20	16-QAM	1 / 50	24.96	-2.00	22.96	0.198	30.00	-7.04
1745.00	20	64-QAM	1 / 0	23.74	-2.00	21.74	0.149	30.00	-8.26

Table 7-24. EIRP Data (Band 4)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 254 of 370

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 / 3	25.45	-2.00	23.45	0.221	30.00	-6.55
1745.00	1.4	QPSK	3 / 2	25.49	-2.00	23.49	0.224	30.00	-6.51
1779.30	1.4	QPSK	3 / 2	25.44	-2.00	23.44	0.221	30.00	-6.56
1779.30	1.4	16-QAM	1 / 0	24.90	-2.00	22.90	0.195	30.00	-7.10
1779.30	1.4	64-QAM	1 / 2	23.81	-2.00	21.81	0.152	30.00	-8.19
1711.50	3	QPSK	1 / 7	25.47	-2.00	23.47	0.222	30.00	-6.53
1745.00	3	QPSK	1 / 7	25.31	-2.00	23.31	0.214	30.00	-6.69
1778.50	3	QPSK	1 / 7	25.30	-2.00	23.30	0.214	30.00	-6.70
1711.50	3	16-QAM	1 / 7	24.84	-2.00	22.84	0.192	30.00	-7.16
1778.50	3	64-QAM	1 / 7	23.91	-2.00	21.91	0.155	30.00	-8.09
1712.50	5	QPSK	1 / 0	25.42	-2.00	23.42	0.220	30.00	-6.58
1745.00	5	QPSK	1 / 0	25.30	-2.00	23.30	0.214	30.00	-6.70
1777.50	5	QPSK	1 / 0	25.49	-2.00	23.49	0.223	30.00	-6.51
1777.50	5	16-QAM	1 / 24	24.72	-2.00	22.72	0.187	30.00	-7.28
1745.00	5	64-QAM	1 / 24	23.93	-2.00	21.93	0.156	30.00	-8.07
1715.00	10	QPSK	1 / 25	25.44	-2.00	23.44	0.221	30.00	-6.56
1745.00	10	QPSK	1 / 0	25.46	-2.00	23.46	0.222	30.00	-6.54
1775.00	10	QPSK	1 / 0	25.50	-2.00	23.50	0.224	30.00	-6.50
1775.00	10	16-QAM	1 / 0	24.87	-2.00	22.87	0.194	30.00	-7.13
1745.00	10	64-QAM	1 / 0	23.93	-2.00	21.93	0.156	30.00	-8.07
1717.50	15	QPSK	1 / 0	25.50	-2.00	23.50	0.224	30.00	-6.50
1745.00	15	QPSK	1 / 0	25.47	-2.00	23.47	0.222	30.00	-6.53
1772.50	15	QPSK	1 / 36	25.50	-2.00	23.50	0.224	30.00	-6.50
1745.00	15	16-QAM	1 / 0	24.86	-2.00	22.86	0.193	30.00	-7.14
1745.00	15	64-QAM	1 / 0	23.87	-2.00	21.87	0.154	30.00	-8.13
1720.00	20	QPSK	1 / 0	25.40	-2.00	23.40	0.219	30.00	-6.60
1745.00	20	QPSK	1 / 0	25.41	-2.00	23.41	0.219	30.00	-6.59
1770.00	20	QPSK	1 / 50	25.35	-2.00	23.35	0.217	30.00	-6.65
1770.00	20	16-QAM	1 / 99	24.97	-2.00	22.97	0.198	30.00	-7.03
1745.00	20	64-QAM	1 / 0	23.88	-2.00	21.88	0.154	30.00	-8.12

Table 7-25. EIRP Data (Band 66)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 255 of 370

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 / 5	25.33	-2.10	23.23	0.210	33.01	-9.78
1880.00	1.4	QPSK	1 / 0	25.04	-2.10	22.94	0.197	33.01	-10.07
1909.30	1.4	QPSK	1 / 5	25.27	-2.10	23.17	0.207	33.01	-9.84
1850.70	1.4	16-QAM	1 / 2	25.27	-2.10	23.17	0.207	33.01	-9.84
1909.30	1.4	64-QAM	1 / 5	23.93	-2.10	21.83	0.152	33.01	-11.18
1851.50	3	QPSK	1 / 7	25.33	-2.10	23.23	0.210	33.01	-9.78
1880.00	3	QPSK	1 / 7	25.08	-2.10	22.98	0.199	33.01	-10.03
1908.50	3	QPSK	1 / 14	25.30	-2.10	23.20	0.209	33.01	-9.81
1908.50	3	16-QAM	1 / 7	25.10	-2.10	23.00	0.199	33.01	-10.01
1908.50	3	64-QAM	1 / 7	23.91	-2.10	21.81	0.152	33.01	-11.20
1852.50	5	QPSK	1 / 0	25.40	-2.10	23.30	0.214	33.01	-9.71
1880.00	5	QPSK	1 / 0	25.10	-2.10	23.00	0.200	33.01	-10.01
1907.50	5	QPSK	1 / 24	25.46	-2.10	23.36	0.217	33.01	-9.65
1907.50	5	16-QAM	1 / 24	25.03	-2.10	22.93	0.196	33.01	-10.08
1852.50	5	64-QAM	1 / 0	23.92	-2.10	21.82	0.152	33.01	-11.19
1855.00	10	QPSK	1 / 0	25.39	-2.10	23.29	0.213	33.01	-9.72
1880.00	10	QPSK	1 / 0	25.19	-2.10	23.09	0.204	33.01	-9.92
1905.00	10	QPSK	1 / 0	25.39	-2.10	23.29	0.213	33.01	-9.72
1905.00	10	16-QAM	1 / 0	25.07	-2.10	22.97	0.198	33.01	-10.04
1905.00	10	64-QAM	1 / 0	23.99	-2.10	21.89	0.155	33.01	-11.12
1857.50	15	QPSK	1 / 0	25.32	-2.10	23.22	0.210	33.01	-9.79
1880.00	15	QPSK	1 / 0	25.21	-2.10	23.11	0.205	33.01	-9.90
1902.50	15	QPSK	1 / 0	25.40	-2.10	23.30	0.214	33.01	-9.71
1902.50	15	16-QAM	1 / 0	24.92	-2.10	22.82	0.192	33.01	-10.19
1902.50	15	64-QAM	1 / 36	24.00	-2.10	21.90	0.155	33.01	-11.11
1860.00	20	QPSK	1 / 0	25.06	-2.10	22.96	0.198	33.01	-10.05
1880.00	20	QPSK	1 / 0	25.14	-2.10	23.04	0.201	33.01	-9.97
1900.00	20	QPSK	1 / 0	25.31	-2.10	23.21	0.209	33.01	-9.80
1900.00	20	16-QAM	1 / 0	24.83	-2.10	22.73	0.187	33.01	-10.28
1900.00	20	64-QAM	1 / 0	24.01	-2.10	21.91	0.155	33.01	-11.10

Table 7-26. EIRP Data (Band 2)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 256 of 370

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 / 5	25.37	-2.10	23.27	0.212	33.01	-9.74
1882.50	1.4	QPSK	1 / 0	25.03	-2.10	22.93	0.196	33.01	-10.08
1914.30	1.4	QPSK	1 / 0	24.99	-2.10	22.89	0.194	33.01	-10.12
1850.70	1.4	16-QAM	1 / 5	24.90	-2.10	22.80	0.191	33.01	-10.21
1850.70	1.4	64-QAM	1 / 0	23.92	-2.10	21.82	0.152	33.01	-11.19
1851.50	3	QPSK	1 / 7	25.32	-2.10	23.22	0.210	33.01	-9.79
1882.50	3	QPSK	1 / 7	25.06	-2.10	22.96	0.198	33.01	-10.05
1913.50	3	QPSK	1 / 0	25.11	-2.10	23.01	0.200	33.01	-10.00
1851.50	3	16-QAM	1 / 7	24.83	-2.10	22.73	0.187	33.01	-10.28
1851.50	3	64-QAM	1 / 7	23.90	-2.10	21.80	0.151	33.01	-11.21
1852.50	5	QPSK	1 / 0	25.46	-2.10	23.36	0.217	33.01	-9.65
1882.50	5	QPSK	1 / 0	25.10	-2.10	23.00	0.200	33.01	-10.01
1912.50	5	QPSK	1 / 0	25.49	-2.10	23.39	0.218	33.01	-9.62
1912.50	5	16-QAM	1 / 0	25.02	-2.10	22.92	0.196	33.01	-10.09
1912.50	5	64-QAM	1 / 0	23.98	-2.10	21.88	0.154	33.01	-11.13
1855.00	10	QPSK	1 / 0	25.47	-2.10	23.37	0.217	33.01	-9.64
1882.50	10	QPSK	1 / 0	25.26	-2.10	23.16	0.207	33.01	-9.85
1910.00	10	QPSK	1 / 25	25.37	-2.10	23.27	0.212	33.01	-9.74
1910.00	10	16-QAM	1 / 0	24.92	-2.10	22.82	0.192	33.01	-10.19
1910.00	10	64-QAM	1 / 0	23.98	-2.10	21.88	0.154	33.01	-11.13
1857.50	15	QPSK	1 / 0	25.33	-2.10	23.23	0.211	33.01	-9.78
1882.50	15	QPSK	1 / 74	25.22	-2.10	23.12	0.205	33.01	-9.89
1907.50	15	QPSK	1 / 0	25.32	-2.10	23.22	0.210	33.01	-9.79
1857.50	15	16-QAM	1 / 0	24.93	-2.10	22.83	0.192	33.01	-10.18
1857.50	15	64-QAM	1 / 0	23.98	-2.10	21.88	0.154	33.01	-11.13
1860.00	20	QPSK	1 / 0	25.19	-2.10	23.09	0.204	33.01	-9.92
1882.50	20	QPSK	1 / 99	25.29	-2.10	23.19	0.208	33.01	-9.82
1905.00	20	QPSK	1 / 0	25.33	-2.10	23.23	0.210	33.01	-9.78
1905.00	20	16-QAM	1 / 0	24.97	-2.10	22.87	0.194	33.01	-10.14
1905.00	20	64-QAM	1 / 0	24.14	-2.10	22.04	0.160	33.01	-10.97

Table 7-27. EIRP Data (Band 25)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 257 of 370

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 / 24	23.50	-2.60	20.90	0.123	23.98	-3.08
2310.00	5	QPSK	1 / 12	23.50	-2.60	20.90	0.123	23.98	-3.08
2312.50	5	QPSK	1 / 24	23.45	-2.60	20.85	0.122	23.98	-3.13
2310.00	5	16-QAM	1 / 12	22.97	-2.60	20.37	0.109	23.98	-3.61
2307.50	5	64-QAM	1 / 0	21.72	-2.60	19.12	0.082	23.98	-4.86
2310.00	10	QPSK	1 / 49	23.50	-2.60	20.90	0.123	23.98	-3.08
2310.00	10	16-QAM	1 / 49	22.90	-2.60	20.30	0.107	23.98	-3.68
2310.00	10	64-QAM	1 / 0	21.73	-2.60	19.13	0.082	23.98	-4.85

Table 7-28. EIRP Data (Band 30)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 258 of 370

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 / 12	25.50	-1.90	23.60	0.229	33.01	-9.41
2535.00	5	QPSK	1 / 0	25.24	-1.90	23.34	0.216	33.01	-9.67
2567.50	5	QPSK	1 / 24	25.51	-1.90	23.61	0.230	33.01	-9.40
2567.50	5	16-QAM	1 / 0	24.78	-1.90	22.88	0.194	33.01	-10.13
2502.50	5	64-QAM	1 / 0	23.52	-1.90	21.62	0.145	33.01	-11.39
2505.00	10	QPSK	1 / 0	25.30	-1.90	23.40	0.219	33.01	-9.61
2535.00	10	QPSK	1 / 0	25.38	-1.90	23.48	0.223	33.01	-9.53
2565.00	10	QPSK	1 / 49	25.47	-1.90	23.57	0.227	33.01	-9.44
2565.00	10	16-QAM	1 / 49	24.95	-1.90	23.05	0.202	33.01	-9.96
2535.00	10	64-QAM	1 / 0	23.57	-1.90	21.67	0.147	33.01	-11.34
2507.50	15	QPSK	1 / 0	25.35	-1.90	23.45	0.221	33.01	-9.57
2535.00	15	QPSK	1 / 0	25.42	-1.90	23.52	0.225	33.01	-9.49
2562.50	15	QPSK	1 / 74	25.34	-1.90	23.44	0.221	33.01	-9.57
2535.00	15	16-QAM	1 / 0	24.81	-1.90	22.91	0.195	33.01	-10.10
2535.00	15	64-QAM	1 / 0	23.64	-1.90	21.74	0.149	33.01	-11.27
2510.00	20	QPSK	1 / 0	25.29	-1.90	23.39	0.218	33.01	-9.62
2535.00	20	QPSK	1 / 0	25.45	-1.90	23.55	0.226	33.01	-9.46
2560.00	20	QPSK	1 / 0	25.38	-1.90	23.48	0.223	33.01	-9.53
2535.00	20	16-QAM	1 / 0	24.88	-1.90	22.98	0.199	33.01	-10.03
2535.00	20	64-QAM	1 / 0	23.67	-1.90	21.77	0.150	33.01	-11.24

Table 7-29. EIRP Data (Band 7)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 259 of 370

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 / 24	26.96	-1.90	25.06	0.321	33.01	-7.95
2593.00	5	QPSK	1 / 0	26.89	-1.90	24.99	0.315	33.01	-8.02
2687.50	5	QPSK	1 / 0	26.85	-1.90	24.95	0.313	33.01	-8.06
2593.00	5	16-QAM	1 / 0	26.36	-1.90	24.46	0.279	33.01	-8.55
2498.50	5	64-QAM	1 / 0	24.85	-1.90	22.95	0.197	33.01	-10.06
2501.00	10	QPSK	1 / 0	26.85	-1.90	24.95	0.313	33.01	-8.06
2593.00	10	QPSK	1 / 49	26.92	-1.90	25.02	0.318	33.01	-7.99
2685.00	10	QPSK	1 / 0	26.68	-1.90	24.78	0.301	33.01	-8.23
2593.00	10	16-QAM	1 / 0	26.27	-1.90	24.37	0.273	33.01	-8.64
2593.00	10	64-QAM	1 / 25	25.01	-1.90	23.11	0.205	33.01	-9.90
2503.50	15	QPSK	1 / 0	26.77	-1.90	24.87	0.307	33.01	-8.14
2593.00	15	QPSK	1 / 36	26.74	-1.90	24.84	0.305	33.01	-8.17
2682.50	15	QPSK	1 / 0	26.78	-1.90	24.88	0.307	33.01	-8.13
2593.00	15	16-QAM	1 / 74	26.12	-1.90	24.22	0.264	33.01	-8.79
2593.00	15	64-QAM	1 / 0	25.00	-1.90	23.10	0.204	33.01	-9.91
2506.00	20	QPSK	1 / 99	26.80	-1.90	24.90	0.309	33.01	-8.11
2593.00	20	QPSK	1 / 0	26.75	-1.90	24.85	0.305	33.01	-8.16
2680.00	20	QPSK	1 / 0	26.85	-1.90	24.95	0.313	33.01	-8.06
2506.00	20	16-QAM	1 / 0	26.35	-1.90	24.45	0.278	33.01	-8.56
2680.00	20	64-QAM	1 / 0	24.99	-1.90	23.09	0.204	33.01	-9.92

Table 7-30. EIRP Data (Band 41)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.7.2 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]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
699.70	1.4	QPSK	1 / 0	23.61	-4.20	17.26	0.053	34.77	-17.51	19.41	0.087	36.99	-17.58
707.50	1.4	QPSK	1 / 0	23.48	-4.20	17.13	0.052	34.77	-17.64	19.28	0.085	36.99	-17.71
715.30	1.4	QPSK	1 / 5	23.41	-4.20	17.06	0.051	34.77	-17.71	19.21	0.083	36.99	-17.78
699.70	1.4	16-QAM	1 / 0	22.97	-4.20	16.62	0.046	34.77	-18.15	18.77	0.075	36.99	-18.21
699.70	1.4	64-QAM	1 / 2	21.92	-4.20	15.57	0.036	34.77	-19.20	17.72	0.059	36.99	-19.27
700.50	3	QPSK	1 / 0	23.58	-4.20	17.23	0.053	34.77	-17.55	19.38	0.087	36.99	-17.61
707.50	3	QPSK	1 / 0	23.41	-4.20	17.06	0.051	34.77	-17.71	19.21	0.083	36.99	-17.78
714.50	3	QPSK	1 / 14	23.28	-4.20	16.93	0.049	34.77	-17.84	19.08	0.081	36.99	-17.91
700.50	3	16-QAM	1 / 7	22.93	-4.20	16.58	0.045	34.77	-18.20	18.73	0.075	36.99	-18.26
700.50	3	64-QAM	1 / 0	21.91	-4.20	15.56	0.036	34.77	-19.21	17.71	0.059	36.99	-19.28
701.50	5	QPSK	1 / 0	23.77	-4.20	17.42	0.055	34.77	-17.35	19.57	0.091	36.99	-17.42
707.50	5	QPSK	1 / 0	23.59	-4.20	17.24	0.053	34.77	-17.53	19.39	0.087	36.99	-17.60
713.50	5	QPSK	1 / 24	23.65	-4.20	17.30	0.054	34.77	-17.48	19.45	0.088	36.99	-17.54
707.50	5	16-QAM	1 / 0	23.06	-4.20	16.71	0.047	34.77	-18.06	18.86	0.077	36.99	-18.13
701.50	5	64-QAM	1 / 0	21.99	-4.20	15.64	0.037	34.77	-19.13	17.79	0.060	36.99	-19.20
704.00	10	QPSK	1 / 0	23.75	-4.20	17.40	0.055	34.77	-17.37	19.55	0.090	36.99	-17.44
707.50	10	QPSK	1 / 25	23.60	-4.20	17.25	0.053	34.77	-17.52	19.40	0.087	36.99	-17.59
711.00	10	QPSK	1 / 0	23.71	-4.20	17.36	0.054	34.77	-17.41	19.51	0.089	36.99	-17.48
704.00	10	16-QAM	1 / 0	23.09	-4.20	16.74	0.047	34.77	-18.04	18.89	0.077	36.99	-18.10
704.00	10	64-QAM	1 / 0	22.04	-4.20	15.69	0.037	34.77	-19.08	17.84	0.061	36.99	-19.15

Table 7-31. ERP Data (Band 12)

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	23.83	-4.20	17.48	0.056	34.77	-17.30	19.63	0.092	36.99	-17.36
710.00	5	QPSK	1 / 0	23.60	-4.20	17.25	0.053	34.77	-17.52	19.40	0.087	36.99	-17.59
713.50	5	QPSK	1 / 24	23.73	-4.20	17.38	0.055	34.77	-17.39	19.53	0.090	36.99	-17.46
706.50	5	16-QAM	1 / 12	23.24	-4.20	16.89	0.049	34.77	-17.88	19.04	0.080	36.99	-17.95
710.00	5	64-QAM	1 / 24	21.98	-4.20	15.63	0.037	34.77	-19.14	17.78	0.060	36.99	-19.21
710.00	10	QPSK	1 / 0	23.77	-4.20	17.42	0.055	34.77	-17.35	19.57	0.091	36.99	-17.42
710.00	10	16-QAM	1 / 25	23.09	-4.20	16.74	0.047	34.77	-18.04	18.89	0.077	36.99	-18.10
710.00	10	64-QAM	1 / 0	21.92	-4.20	15.57	0.036	34.77	-19.20	17.72	0.059	36.99	-19.27

Table 7-32. ERP Data (Band 17)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)										Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device									Page 261 of 370

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 / 24	24.02	-4.20	17.67	0.058	34.77	-17.10	19.82	0.096	36.99	-17.17
782.00	5	QPSK	1 / 0	23.88	-4.20	17.53	0.057	34.77	-17.24	19.68	0.093	36.99	-17.31
784.50	5	QPSK	1 / 0	23.96	-4.20	17.61	0.058	34.77	-17.16	19.76	0.095	36.99	-17.23
782.00	5	16-QAM	1 / 0	23.33	-4.20	16.98	0.050	34.77	-17.80	19.13	0.082	36.99	-17.86
784.50	5	64-QAM	1 / 24	22.11	-4.20	15.76	0.038	34.77	-19.01	17.91	0.062	36.99	-19.08
782.00	10	QPSK	1 / 0	23.92	-4.20	17.57	0.057	34.77	-17.20	19.72	0.094	36.99	-17.27
782.00	10	16-QAM	1 / 0	23.31	-4.20	16.96	0.050	34.77	-17.82	19.11	0.081	36.99	-17.88
782.00	10	64-QAM	1 / 0	21.99	-4.20	15.64	0.037	34.77	-19.13	17.79	0.060	36.99	-19.20

Table 7-33. ERP Data (Band 13)

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	23.63	-2.90	18.58	0.072	38.45	-19.87	20.73	0.118	40.61	-19.88
836.50	1.4	QPSK	1 / 5	23.68	-2.90	18.63	0.073	38.45	-19.82	20.78	0.120	40.61	-19.83
848.30	1.4	QPSK	1 / 0	23.77	-2.90	18.72	0.075	38.45	-19.73	20.87	0.122	40.61	-19.73
824.70	1.4	16-QAM	1 / 2	23.14	-2.90	18.09	0.064	38.45	-20.36	20.24	0.106	40.61	-20.36
824.70	1.4	64-QAM	1 / 5	22.01	-2.90	16.96	0.050	38.45	-21.49	19.11	0.081	40.61	-21.50
825.50	3	QPSK	1 / 0	23.61	-2.90	18.56	0.072	38.45	-19.89	20.71	0.118	40.61	-19.90
836.50	3	QPSK	1 / 14	23.66	-2.90	18.61	0.073	38.45	-19.84	20.76	0.119	40.61	-19.85
847.50	3	QPSK	1 / 7	23.70	-2.90	18.65	0.073	38.45	-19.80	20.80	0.120	40.61	-19.81
847.50	3	16-QAM	1 / 14	23.15	-2.90	18.10	0.065	38.45	-20.35	20.25	0.106	40.61	-20.35
847.50	3	64-QAM	1 / 7	21.95	-2.90	16.90	0.049	38.45	-21.55	19.05	0.080	40.61	-21.56
826.50	5	QPSK	1 / 0	23.87	-2.90	18.82	0.076	38.45	-19.63	20.97	0.125	40.61	-19.63
836.50	5	QPSK	1 / 24	23.82	-2.90	18.77	0.075	38.45	-19.69	20.92	0.123	40.61	-19.69
846.50	5	QPSK	1 / 12	23.93	-2.90	18.88	0.077	38.45	-19.57	21.03	0.127	40.61	-19.58
836.50	5	16-QAM	1 / 24	23.36	-2.90	18.31	0.068	38.45	-20.14	20.46	0.111	40.61	-20.15
836.50	5	64-QAM	1 / 24	22.04	-2.90	16.99	0.050	38.45	-21.46	19.14	0.082	40.61	-21.47
829.00	10	QPSK	1 / 49	23.81	-2.90	18.76	0.075	38.45	-19.69	20.91	0.123	40.61	-19.70
836.50	10	QPSK	1 / 49	23.97	-2.90	18.92	0.078	38.45	-19.53	21.07	0.128	40.61	-19.54
844.00	10	QPSK	1 / 0	23.94	-2.90	18.89	0.078	38.45	-19.56	21.04	0.127	40.61	-19.56
844.00	10	16-QAM	1 / 0	23.43	-2.90	18.38	0.069	38.45	-20.07	20.53	0.113	40.61	-20.07
836.50	10	64-QAM	1 / 0	22.04	-2.90	16.99	0.050	38.45	-21.46	19.14	0.082	40.61	-21.47

Table 7-34. ERP Data (Band 5)

FCC ID: BCGA1934	 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	1 / 0	23.84	-2.90	18.79	0.076	38.45	-19.66	20.94	0.124	40.61	-19.67
836.50	1.4	QPSK	1 / 5	23.90	-2.90	18.85	0.077	38.45	-19.60	21.00	0.126	40.61	-19.60
848.30	1.4	QPSK	1 / 0	23.82	-2.90	18.77	0.075	38.45	-19.68	20.92	0.124	40.61	-19.69
848.30	1.4	16-QAM	1 / 2	23.21	-2.90	18.16	0.065	38.45	-20.29	20.31	0.107	40.61	-20.30
836.50	1.4	64-QAM	1 / 5	22.11	-2.90	17.06	0.051	38.45	-21.39	19.21	0.083	40.61	-21.40
825.50	3	QPSK	1 / 0	23.91	-2.90	18.86	0.077	38.45	-19.59	21.01	0.126	40.61	-19.60
836.50	3	QPSK	1 / 7	23.84	-2.90	18.79	0.076	38.45	-19.67	20.94	0.124	40.61	-19.67
847.50	3	QPSK	1 / 0	23.82	-2.90	18.77	0.075	38.45	-19.68	20.92	0.124	40.61	-19.68
825.50	3	16-QAM	1 / 7	23.11	-2.90	18.06	0.064	38.45	-20.39	20.21	0.105	40.61	-20.40
836.50	3	64-QAM	1 / 7	22.09	-2.90	17.04	0.051	38.45	-21.41	19.19	0.083	40.61	-21.42
826.50	5	QPSK	1 / 24	23.92	-2.90	18.87	0.077	38.45	-19.58	21.02	0.126	40.61	-19.59
836.50	5	QPSK	1 / 24	23.83	-2.90	18.78	0.076	38.45	-19.67	20.93	0.124	40.61	-19.68
846.50	5	QPSK	1 / 24	24.05	-2.90	19.00	0.079	38.45	-19.45	21.15	0.130	40.61	-19.46
846.50	5	16-QAM	1 / 24	23.31	-2.90	18.26	0.067	38.45	-20.19	20.41	0.110	40.61	-20.20
846.50	5	64-QAM	1 / 0	22.12	-2.90	17.07	0.051	38.45	-21.38	19.22	0.084	40.61	-21.39
829.00	10	QPSK	1 / 49	23.93	-2.90	18.88	0.077	38.45	-19.57	21.03	0.127	40.61	-19.57
836.50	10	QPSK	1 / 0	24.01	-2.90	18.96	0.079	38.45	-19.49	21.11	0.129	40.61	-19.50
844.00	10	QPSK	1 / 0	24.01	-2.90	18.96	0.079	38.45	-19.49	21.11	0.129	40.61	-19.50
844.00	10	16-QAM	1 / 0	23.24	-2.90	18.19	0.066	38.45	-20.26	20.34	0.108	40.61	-20.27
844.00	10	64-QAM	1 / 0	22.15	-2.90	17.10	0.051	38.45	-21.35	19.25	0.084	40.61	-21.36
831.50	15	QPSK	1 / 0	24.01	-2.90	18.96	0.079	38.45	-19.49	21.11	0.129	40.61	-19.49
836.50	15	QPSK	1 / 74	23.95	-2.90	18.90	0.078	38.45	-19.55	21.05	0.127	40.61	-19.55
841.50	15	QPSK	1 / 36	24.03	-2.90	18.98	0.079	38.45	-19.47	21.13	0.130	40.61	-19.47
836.50	15	16-QAM	1 / 74	23.11	-2.90	18.06	0.064	38.45	-20.39	20.21	0.105	40.61	-20.40
831.50	15	64-QAM	1 / 0	22.18	-2.90	17.13	0.052	38.45	-21.32	19.28	0.085	40.61	-21.33

Table 7-35. ERP Data (Band 26)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 263 of 370

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 / 3	22.55	-2.00	20.55	0.114	30.00	-9.45
1732.50	1.4	QPSK	3 / 3	22.51	-2.00	20.51	0.113	30.00	-9.49
1754.30	1.4	QPSK	3 / 0	22.43	-2.00	20.43	0.110	30.00	-9.57
1732.50	1.4	16-QAM	1 / 2	21.98	-2.00	19.98	0.099	30.00	-10.02
1732.50	1.4	64-QAM	1 / 5	20.95	-2.00	18.95	0.079	30.00	-11.05
1711.50	3	QPSK	1 / 7	22.52	-2.00	20.52	0.113	30.00	-9.48
1732.50	3	QPSK	1 / 7	22.48	-2.00	20.48	0.112	30.00	-9.52
1753.50	3	QPSK	1 / 7	22.34	-2.00	20.34	0.108	30.00	-9.66
1732.50	3	16-QAM	1 / 7	21.80	-2.00	19.80	0.095	30.00	-10.20
1732.50	3	64-QAM	1 / 7	20.96	-2.00	18.96	0.079	30.00	-11.04
1712.50	5	QPSK	1 / 0	22.72	-2.00	20.72	0.118	30.00	-9.28
1732.50	5	QPSK	1 / 24	22.68	-2.00	20.68	0.117	30.00	-9.32
1752.50	5	QPSK	1 / 0	22.73	-2.00	20.73	0.118	30.00	-9.27
1732.50	5	16-QAM	1 / 24	22.00	-2.00	20.00	0.100	30.00	-10.00
1712.50	5	64-QAM	1 / 0	20.93	-2.00	18.93	0.078	30.00	-11.07
1715.00	10	QPSK	1 / 0	22.63	-2.00	20.63	0.116	30.00	-9.37
1732.50	10	QPSK	1 / 49	22.67	-2.00	20.67	0.117	30.00	-9.33
1750.00	10	QPSK	1 / 0	22.71	-2.00	20.71	0.118	30.00	-9.29
1732.50	10	16-QAM	1 / 25	21.96	-2.00	19.96	0.099	30.00	-10.04
1715.00	10	64-QAM	1 / 0	21.02	-2.00	19.02	0.080	30.00	-10.98
1717.50	15	QPSK	1 / 0	22.56	-2.00	20.56	0.114	30.00	-9.44
1732.50	15	QPSK	1 / 36	22.61	-2.00	20.61	0.115	30.00	-9.39
1747.50	15	QPSK	1 / 0	22.65	-2.00	20.65	0.116	30.00	-9.35
1732.50	15	16-QAM	1 / 74	21.95	-2.00	19.95	0.099	30.00	-10.05
1747.50	15	64-QAM	1 / 0	21.03	-2.00	19.03	0.080	30.00	-10.97
1720.00	20	QPSK	1 / 0	22.59	-2.00	20.59	0.114	30.00	-9.41
1732.50	20	QPSK	1 / 99	22.75	-2.00	20.75	0.119	30.00	-9.25
1745.00	20	QPSK	1 / 50	22.63	-2.00	20.63	0.116	30.00	-9.37
1732.50	20	16-QAM	1 / 50	22.02	-2.00	20.02	0.100	30.00	-9.98
1720.00	20	64-QAM	1 / 0	20.98	-2.00	18.98	0.079	30.00	-11.02

Table 7-36. EIRP Data (Band 4)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 264 of 370

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 / 0	22.72	-2.00	20.72	0.118	30.00	-9.28
1745.00	1.4	QPSK	1 / 0	22.40	-2.00	20.40	0.110	30.00	-9.60
1779.30	1.4	QPSK	1 / 0	22.28	-2.00	20.28	0.107	30.00	-9.72
1710.70	1.4	16-QAM	1 / 5	21.93	-2.00	19.93	0.098	30.00	-10.07
1745.00	1.4	64-QAM	1 / 2	20.91	-2.00	18.91	0.078	30.00	-11.09
1711.50	3	QPSK	1 / 0	22.30	-2.00	20.30	0.107	30.00	-9.70
1745.00	3	QPSK	1 / 7	22.30	-2.00	20.30	0.107	30.00	-9.70
1778.50	3	QPSK	1 / 7	22.27	-2.00	20.27	0.107	30.00	-9.73
1778.50	3	16-QAM	1 / 7	21.91	-2.00	19.91	0.098	30.00	-10.09
1745.00	3	64-QAM	1 / 7	20.82	-2.00	18.82	0.076	30.00	-11.18
1712.50	5	QPSK	1 / 0	22.65	-2.00	20.65	0.116	30.00	-9.35
1745.00	5	QPSK	1 / 0	22.41	-2.00	20.41	0.110	30.00	-9.59
1777.50	5	QPSK	1 / 0	22.55	-2.00	20.55	0.113	30.00	-9.45
1712.50	5	16-QAM	1 / 0	22.01	-2.00	20.01	0.100	30.00	-9.99
1745.00	5	64-QAM	1 / 24	20.91	-2.00	18.91	0.078	30.00	-11.09
1715.00	10	QPSK	1 / 0	22.36	-2.00	20.36	0.109	30.00	-9.64
1745.00	10	QPSK	1 / 0	22.37	-2.00	20.37	0.109	30.00	-9.63
1775.00	10	QPSK	1 / 0	22.50	-2.00	20.50	0.112	30.00	-9.50
1775.00	10	16-QAM	1 / 0	22.05	-2.00	20.05	0.101	30.00	-9.95
1775.00	10	64-QAM	1 / 0	20.95	-2.00	18.95	0.079	30.00	-11.05
1717.50	15	QPSK	1 / 0	22.35	-2.00	20.35	0.108	30.00	-9.65
1745.00	15	QPSK	1 / 0	22.34	-2.00	20.34	0.108	30.00	-9.66
1772.50	15	QPSK	1 / 0	22.37	-2.00	20.37	0.109	30.00	-9.63
1772.50	15	16-QAM	1 / 0	21.85	-2.00	19.85	0.097	30.00	-10.15
1772.50	15	64-QAM	1 / 0	20.91	-2.00	18.91	0.078	30.00	-11.09
1720.00	20	QPSK	1 / 0	22.32	-2.00	20.32	0.108	30.00	-9.68
1745.00	20	QPSK	1 / 50	22.34	-2.00	20.34	0.108	30.00	-9.66
1770.00	20	QPSK	1 / 50	22.39	-2.00	20.39	0.109	30.00	-9.61
1720.00	20	16-QAM	1 / 0	21.94	-2.00	19.94	0.099	30.00	-10.06
1720.00	20	64-QAM	1 / 0	20.94	-2.00	18.94	0.078	30.00	-11.06

Table 7-37. EIRP Data (Band 66)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 265 of 370

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 / 5	22.63	-2.10	20.53	0.113	33.01	-12.48
1880.00	1.4	QPSK	1 / 0	22.43	-2.10	20.33	0.108	33.01	-12.68
1909.30	1.4	QPSK	1 / 5	22.49	-2.10	20.39	0.109	33.01	-12.62
1850.70	1.4	16-QAM	1 / 5	21.99	-2.10	19.89	0.097	33.01	-13.12
1850.70	1.4	64-QAM	1 / 5	20.79	-2.10	18.69	0.074	33.01	-14.32
1851.50	3	QPSK	1 / 7	22.71	-2.10	20.61	0.115	33.01	-12.40
1880.00	3	QPSK	1 / 0	22.31	-2.10	20.21	0.105	33.01	-12.80
1908.50	3	QPSK	1 / 7	22.30	-2.10	20.20	0.105	33.01	-12.81
1851.50	3	16-QAM	1 / 14	22.02	-2.10	19.92	0.098	33.01	-13.09
1880.00	3	64-QAM	1 / 14	20.82	-2.10	18.72	0.074	33.01	-14.29
1852.50	5	QPSK	1 / 24	22.95	-2.10	20.85	0.122	33.01	-12.16
1880.00	5	QPSK	1 / 0	22.52	-2.10	20.42	0.110	33.01	-12.59
1907.50	5	QPSK	1 / 24	22.63	-2.10	20.53	0.113	33.01	-12.48
1852.50	5	16-QAM	1 / 0	22.16	-2.10	20.06	0.101	33.01	-12.95
1852.50	5	64-QAM	1 / 12	20.83	-2.10	18.73	0.075	33.01	-14.28
1855.00	10	QPSK	1 / 0	22.85	-2.10	20.75	0.119	33.01	-12.26
1880.00	10	QPSK	1 / 0	22.61	-2.10	20.51	0.113	33.01	-12.50
1905.00	10	QPSK	1 / 0	22.62	-2.10	20.52	0.113	33.01	-12.49
1855.00	10	16-QAM	1 / 25	22.11	-2.10	20.01	0.100	33.01	-13.00
1855.00	10	64-QAM	1 / 25	20.84	-2.10	18.74	0.075	33.01	-14.27
1857.50	15	QPSK	1 / 0	22.86	-2.10	20.76	0.119	33.01	-12.25
1880.00	15	QPSK	1 / 0	22.66	-2.10	20.56	0.114	33.01	-12.45
1902.50	15	QPSK	1 / 0	22.62	-2.10	20.52	0.113	33.01	-12.49
1857.50	15	16-QAM	1 / 36	22.10	-2.10	20.00	0.100	33.01	-13.01
1857.50	15	64-QAM	1 / 0	20.91	-2.10	18.81	0.076	33.01	-14.20
1860.00	20	QPSK	1 / 0	22.82	-2.10	20.72	0.118	33.01	-12.29
1880.00	20	QPSK	1 / 0	22.78	-2.10	20.68	0.117	33.01	-12.33
1900.00	20	QPSK	1 / 0	22.65	-2.10	20.55	0.113	33.01	-12.46
1860.00	20	16-QAM	1 / 0	22.26	-2.10	20.16	0.104	33.01	-12.86
1860.00	20	64-QAM	1 / 0	20.96	-2.10	18.86	0.077	33.01	-14.15

Table 7-38. EIRP Data (Band 2)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 266 of 370

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	22.52	-2.10	20.42	0.110	33.01	-12.59
1882.50	1.4	QPSK	3 / 3	22.17	-2.10	20.07	0.102	33.01	-12.94
1914.30	1.4	QPSK	3 / 0	22.09	-2.10	19.99	0.100	33.01	-13.02
1850.70	1.4	16-QAM	1 / 5	22.09	-2.10	19.99	0.100	33.01	-13.02
1850.70	1.4	64-QAM	1 / 2	20.72	-2.10	18.62	0.073	33.01	-14.39
1851.50	3	QPSK	1 / 7	22.53	-2.10	20.43	0.110	33.01	-12.58
1882.50	3	QPSK	1 / 7	22.21	-2.10	20.11	0.103	33.01	-12.90
1913.50	3	QPSK	1 / 0	22.11	-2.10	20.01	0.100	33.01	-13.00
1851.50	3	16-QAM	1 / 7	22.09	-2.10	19.99	0.100	33.01	-13.02
1851.50	3	64-QAM	1 / 7	20.67	-2.10	18.57	0.072	33.01	-14.44
1852.50	5	QPSK	1 / 0	22.74	-2.10	20.64	0.116	33.01	-12.37
1882.50	5	QPSK	1 / 0	22.27	-2.10	20.17	0.104	33.01	-12.84
1912.50	5	QPSK	1 / 0	22.53	-2.10	20.43	0.110	33.01	-12.58
1852.50	5	16-QAM	1 / 24	22.17	-2.10	20.07	0.102	33.01	-12.94
1882.50	5	64-QAM	1 / 0	20.60	-2.10	18.50	0.071	33.01	-14.51
1855.00	10	QPSK	1 / 0	22.64	-2.10	20.54	0.113	33.01	-12.47
1882.50	10	QPSK	1 / 0	22.47	-2.10	20.37	0.109	33.01	-12.64
1910.00	10	QPSK	1 / 25	22.40	-2.10	20.30	0.107	33.01	-12.71
1855.00	10	16-QAM	1 / 0	22.14	-2.10	20.04	0.101	33.01	-12.97
1855.00	10	64-QAM	1 / 0	20.65	-2.10	18.55	0.072	33.01	-14.46
1857.50	15	QPSK	1 / 0	22.66	-2.10	20.56	0.114	33.01	-12.45
1882.50	15	QPSK	1 / 0	22.38	-2.10	20.28	0.107	33.01	-12.74
1907.50	15	QPSK	1 / 0	22.30	-2.10	20.20	0.105	33.01	-12.81
1857.50	15	16-QAM	1 / 0	22.00	-2.10	19.90	0.098	33.01	-13.11
1857.50	15	64-QAM	1 / 0	20.75	-2.10	18.65	0.073	33.01	-14.36
1860.00	20	QPSK	1 / 0	22.59	-2.10	20.49	0.112	33.01	-12.52
1882.50	20	QPSK	1 / 0	22.49	-2.10	20.39	0.109	33.01	-12.62
1905.00	20	QPSK	1 / 0	22.46	-2.10	20.36	0.109	33.01	-12.65
1860.00	20	16-QAM	1 / 0	22.17	-2.10	20.07	0.102	33.01	-12.94
1860.00	20	64-QAM	1 / 0	20.77	-2.10	18.67	0.074	33.01	-14.34

Table 7-39. EIRP Data (Band 25)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 267 of 370

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 / 24	22.54	-2.60	19.94	0.099	23.98	-4.04
2310.00	5	QPSK	1 / 12	22.22	-2.60	19.62	0.092	23.98	-4.36
2312.50	5	QPSK	1 / 24	22.41	-2.60	19.81	0.096	23.98	-4.17
2312.50	5	16-QAM	1 / 24	21.79	-2.60	19.19	0.083	23.98	-4.79
2307.50	5	64-QAM	1 / 24	20.45	-2.60	17.85	0.061	23.98	-6.13
2310.00	10	QPSK	1 / 49	22.27	-2.60	19.67	0.093	23.98	-4.31
2310.00	10	16-QAM	1 / 49	21.71	-2.60	19.11	0.081	23.98	-4.87
2310.00	10	64-QAM	1 / 25	20.57	-2.60	17.97	0.063	23.98	-6.01

Table 7-40. EIRP Data (Band 30)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 268 of 370

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 / 24	22.09	-1.90	20.19	0.105	33.01	-12.82
2535.00	5	QPSK	1 / 0	21.88	-1.90	19.98	0.100	33.01	-13.03
2567.50	5	QPSK	1 / 24	22.25	-1.90	20.35	0.108	33.01	-12.66
2502.50	5	16-QAM	1 / 0	21.44	-1.90	19.54	0.090	33.01	-13.47
2567.50	5	64-QAM	1 / 0	20.11	-1.90	18.21	0.066	33.01	-14.80
2505.00	10	QPSK	1 / 0	22.04	-1.90	20.14	0.103	33.01	-12.87
2535.00	10	QPSK	1 / 0	21.95	-1.90	20.05	0.101	33.01	-12.96
2565.00	10	QPSK	1 / 49	22.20	-1.90	20.30	0.107	33.01	-12.71
2565.00	10	16-QAM	1 / 49	21.45	-1.90	19.55	0.090	33.01	-13.46
2565.00	10	64-QAM	1 / 0	20.15	-1.90	18.25	0.067	33.01	-14.76
2507.50	15	QPSK	1 / 0	22.03	-1.90	20.13	0.103	33.01	-12.88
2535.00	15	QPSK	1 / 0	21.96	-1.90	20.06	0.101	33.01	-12.95
2562.50	15	QPSK	1 / 74	22.13	-1.90	20.23	0.105	33.01	-12.78
2562.50	15	16-QAM	1 / 74	21.40	-1.90	19.50	0.089	33.01	-13.51
2562.50	15	64-QAM	1 / 0	20.16	-1.90	18.26	0.067	33.01	-14.75
2510.00	20	QPSK	1 / 0	21.97	-1.90	20.07	0.102	33.01	-12.94
2535.00	20	QPSK	1 / 99	21.99	-1.90	20.09	0.102	33.01	-12.92
2560.00	20	QPSK	1 / 99	22.23	-1.90	20.33	0.108	33.01	-12.68
2510.00	20	16-QAM	1 / 0	21.53	-1.90	19.63	0.092	33.01	-13.38
2510.00	20	64-QAM	1 / 0	20.14	-1.90	18.24	0.067	33.01	-14.77

Table 7-41. EIRP Data (Band 7)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 269 of 370

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 / 24	23.79	-1.90	21.89	0.155	33.01	-11.12
2593.00	5	QPSK	1 / 24	23.85	-1.90	21.95	0.157	33.01	-11.06
2687.50	5	QPSK	1 / 0	23.98	-1.90	22.08	0.161	33.01	-10.93
2593.00	5	16-QAM	1 / 12	23.36	-1.90	21.46	0.140	33.01	-11.55
2687.50	5	64-QAM	1 / 0	21.93	-1.90	20.03	0.101	33.01	-12.98
2501.00	10	QPSK	1 / 49	23.72	-1.90	21.82	0.152	33.01	-11.19
2593.00	10	QPSK	1 / 49	23.90	-1.90	22.00	0.158	33.01	-11.01
2685.00	10	QPSK	1 / 0	23.73	-1.90	21.83	0.152	33.01	-11.18
2593.00	10	16-QAM	1 / 0	23.41	-1.90	21.51	0.142	33.01	-11.50
2685.00	10	64-QAM	1 / 25	21.90	-1.90	20.00	0.100	33.01	-13.01
2503.50	15	QPSK	1 / 74	23.74	-1.90	21.84	0.153	33.01	-11.17
2593.00	15	QPSK	1 / 74	23.87	-1.90	21.97	0.157	33.01	-11.04
2682.50	15	QPSK	1 / 0	23.83	-1.90	21.93	0.156	33.01	-11.08
2593.00	15	16-QAM	1 / 36	23.24	-1.90	21.34	0.136	33.01	-11.67
2682.50	15	64-QAM	1 / 0	21.99	-1.90	20.09	0.102	33.01	-12.92
2506.00	20	QPSK	1 / 99	23.71	-1.90	21.81	0.152	33.01	-11.20
2593.00	20	QPSK	1 / 99	23.98	-1.90	22.08	0.161	33.01	-10.93
2680.00	20	QPSK	1 / 99	23.77	-1.90	21.87	0.154	33.01	-11.14
2593.00	20	16-QAM	1 / 50	23.35	-1.90	21.45	0.140	33.01	-11.56
2680.00	20	64-QAM	1 / 0	22.05	-1.90	20.15	0.104	33.01	-12.86

Table 7-42. EIRP Data (Band 41)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.7.3 Port-C Radiated Power (ERP/EIRP)

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 / 3	24.19	-2.40	21.79	0.151	30.00	-8.21
1732.50	1.4	QPSK	1 / 3	24.35	-2.40	21.95	0.157	30.00	-8.05
1754.30	1.4	QPSK	1 / 0	24.32	-2.40	21.92	0.156	30.00	-8.08
1754.30	1.4	16-QAM	1 / 5	23.74	-2.40	21.34	0.136	30.00	-8.66
1732.50	1.4	64-QAM	1 / 0	22.94	-2.40	20.54	0.113	30.00	-9.46
1711.50	3	QPSK	1 / 7	24.22	-2.40	21.82	0.152	30.00	-8.18
1732.50	3	QPSK	1 / 7	24.15	-2.40	21.75	0.150	30.00	-8.25
1753.50	3	QPSK	1 / 7	24.10	-2.40	21.70	0.148	30.00	-8.30
1753.50	3	16-QAM	1 / 14	23.76	-2.40	21.36	0.137	30.00	-8.64
1732.50	3	64-QAM	1 / 7	22.85	-2.40	20.45	0.111	30.00	-9.55
1712.50	5	QPSK	1 / 24	24.47	-2.40	22.07	0.161	30.00	-7.93
1732.50	5	QPSK	1 / 24	24.49	-2.40	22.09	0.162	30.00	-7.91
1752.50	5	QPSK	1 / 24	24.58	-2.40	22.18	0.165	30.00	-7.82
1732.50	5	16-QAM	1 / 24	23.89	-2.40	21.49	0.141	30.00	-8.51
1712.50	5	64-QAM	1 / 24	22.94	-2.40	20.54	0.113	30.00	-9.46
1715.00	10	QPSK	1 / 49	24.19	-2.40	21.79	0.151	30.00	-8.21
1732.50	10	QPSK	1 / 49	24.33	-2.40	21.93	0.156	30.00	-8.07
1750.00	10	QPSK	1 / 0	24.48	-2.40	22.08	0.161	30.00	-7.92
1750.00	10	16-QAM	1 / 49	23.84	-2.40	21.44	0.139	30.00	-8.56
1715.00	10	64-QAM	1 / 49	22.97	-2.40	20.57	0.114	30.00	-9.43
1717.50	15	QPSK	1 / 36	24.19	-2.40	21.79	0.151	30.00	-8.21
1732.50	15	QPSK	1 / 74	24.46	-2.40	22.06	0.161	30.00	-7.94
1747.50	15	QPSK	1 / 0	24.44	-2.40	22.04	0.160	30.00	-7.96
1747.50	15	16-QAM	1 / 0	23.87	-2.40	21.47	0.140	30.00	-8.53
1747.50	15	64-QAM	1 / 0	23.07	-2.40	20.67	0.117	30.00	-9.33
1720.00	20	QPSK	1 / 99	24.16	-2.40	21.76	0.150	30.00	-8.24
1732.50	20	QPSK	1 / 99	24.49	-2.40	22.09	0.162	30.00	-7.91
1745.00	20	QPSK	1 / 50	24.41	-2.40	22.01	0.159	30.00	-7.99
1745.00	20	16-QAM	1 / 50	23.82	-2.40	21.42	0.139	30.00	-8.58
1732.50	20	64-QAM	1 / 99	23.05	-2.40	20.65	0.116	30.00	-9.35

Table 7-43. EIRP Data (Band 4)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 271 of 370

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 / 0	24.21	-2.40	21.81	0.152	30.00	-8.19
1745.00	1.4	QPSK	1 / 3	24.33	-2.40	21.93	0.156	30.00	-8.07
1779.30	1.4	QPSK	1 / 0	24.42	-2.40	22.02	0.159	30.00	-7.98
1779.30	1.4	16-QAM	1 / 5	23.87	-2.40	21.47	0.140	30.00	-8.53
1745.00	1.4	64-QAM	1 / 2	22.91	-2.40	20.51	0.112	30.00	-9.49
1711.50	3	QPSK	1 / 7	24.22	-2.40	21.82	0.152	30.00	-8.18
1745.00	3	QPSK	1 / 0	24.25	-2.40	21.85	0.153	30.00	-8.15
1778.50	3	QPSK	1 / 7	24.20	-2.40	21.80	0.151	30.00	-8.20
1778.50	3	16-QAM	1 / 7	23.81	-2.40	21.41	0.138	30.00	-8.59
1745.00	3	64-QAM	1 / 0	22.91	-2.40	20.51	0.112	30.00	-9.49
1712.50	5	QPSK	1 / 24	24.52	-2.40	22.12	0.163	30.00	-7.88
1745.00	5	QPSK	1 / 0	24.57	-2.40	22.17	0.165	30.00	-7.83
1777.50	5	QPSK	1 / 0	24.75	-2.40	22.35	0.172	30.00	-7.65
1745.00	5	16-QAM	1 / 0	23.96	-2.40	21.56	0.143	30.00	-8.44
1745.00	5	64-QAM	1 / 0	23.02	-2.40	20.62	0.115	30.00	-9.38
1715.00	10	QPSK	1 / 25	24.31	-2.40	21.91	0.155	30.00	-8.09
1745.00	10	QPSK	1 / 0	24.52	-2.40	22.12	0.163	30.00	-7.88
1775.00	10	QPSK	1 / 0	24.70	-2.40	22.30	0.170	30.00	-7.70
1775.00	10	16-QAM	1 / 0	23.97	-2.40	21.57	0.143	30.00	-8.43
1745.00	10	64-QAM	1 / 0	23.05	-2.40	20.65	0.116	30.00	-9.35
1717.50	15	QPSK	1 / 36	24.40	-2.40	22.00	0.158	30.00	-8.00
1745.00	15	QPSK	1 / 36	24.49	-2.40	22.09	0.162	30.00	-7.91
1772.50	15	QPSK	1 / 0	24.59	-2.40	22.19	0.165	30.00	-7.81
1772.50	15	16-QAM	1 / 0	23.77	-2.40	21.37	0.137	30.00	-8.63
1745.00	15	64-QAM	1 / 0	23.01	-2.40	20.61	0.115	30.00	-9.39
1720.00	20	QPSK	1 / 99	24.34	-2.40	21.94	0.156	30.00	-8.06
1745.00	20	QPSK	1 / 0	24.53	-2.40	22.13	0.163	30.00	-7.87
1770.00	20	QPSK	1 / 0	24.55	-2.40	22.15	0.164	30.00	-7.85
1770.00	20	16-QAM	1 / 50	23.98	-2.40	21.58	0.144	30.00	-8.42
1720.00	20	64-QAM	1 / 0	23.03	-2.40	20.63	0.116	30.00	-9.37
1770.00	20	64-QAM	1 / 0	23.03	-2.40	20.63	0.116	30.00	-9.37

Table 7-44. EIRP Data (Band 66)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 272 of 370

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	24.32	-1.80	22.52	0.178	33.01	-10.50
1880.00	1.4	QPSK	1 / 0	24.20	-1.80	22.40	0.174	33.01	-10.61
1909.30	1.4	QPSK	1 / 5	24.41	-1.80	22.61	0.182	33.01	-10.40
1909.30	1.4	16-QAM	1 / 5	23.82	-1.80	22.02	0.159	33.01	-10.99
1850.70	1.4	64-QAM	1 / 0	22.76	-1.80	20.96	0.125	33.01	-12.05
1851.50	3	QPSK	1 / 7	24.43	-1.80	22.63	0.183	33.01	-10.38
1880.00	3	QPSK	1 / 7	24.08	-1.80	22.28	0.169	33.01	-10.73
1908.50	3	QPSK	1 / 14	24.19	-1.80	22.39	0.173	33.01	-10.62
1908.50	3	16-QAM	1 / 7	23.80	-1.80	22.00	0.159	33.01	-11.01
1851.50	3	64-QAM	1 / 7	22.82	-1.80	21.02	0.126	33.01	-11.99
1852.50	5	QPSK	1 / 24	24.61	-1.80	22.81	0.191	33.01	-10.20
1880.00	5	QPSK	1 / 0	24.37	-1.80	22.57	0.181	33.01	-10.44
1907.50	5	QPSK	1 / 24	24.71	-1.80	22.91	0.196	33.01	-10.10
1907.50	5	16-QAM	1 / 24	23.88	-1.80	22.08	0.161	33.01	-10.93
1852.50	5	64-QAM	1 / 24	22.81	-1.80	21.01	0.126	33.01	-12.00
1855.00	10	QPSK	1 / 25	24.55	-1.80	22.75	0.188	33.01	-10.26
1880.00	10	QPSK	1 / 0	24.46	-1.80	22.66	0.184	33.01	-10.35
1905.00	10	QPSK	1 / 0	24.62	-1.80	22.82	0.192	33.01	-10.19
1905.00	10	16-QAM	1 / 0	23.93	-1.80	22.13	0.163	33.01	-10.88
1855.00	10	64-QAM	1 / 0	22.84	-1.80	21.04	0.127	33.01	-11.97
1857.50	15	QPSK	1 / 0	24.53	-1.80	22.73	0.188	33.01	-10.28
1880.00	15	QPSK	1 / 0	24.49	-1.80	22.69	0.186	33.01	-10.32
1902.50	15	QPSK	1 / 0	24.59	-1.80	22.79	0.190	33.01	-10.22
1857.50	15	16-QAM	1 / 0	23.94	-1.80	22.14	0.164	33.01	-10.87
1857.50	15	64-QAM	1 / 36	22.84	-1.80	21.04	0.127	33.01	-11.97
1860.00	20	QPSK	1 / 0	24.52	-1.80	22.72	0.187	33.01	-10.29
1880.00	20	QPSK	1 / 0	24.56	-1.80	22.76	0.189	33.01	-10.25
1900.00	20	QPSK	1 / 0	24.62	-1.80	22.82	0.191	33.01	-10.19
1900.00	20	16-QAM	1 / 0	24.03	-1.80	22.23	0.167	33.01	-10.78
1860.00	20	64-QAM	1 / 0	22.92	-1.80	21.12	0.129	33.01	-11.89

Table 7-45. EIRP Data (Band 2)

FCC ID: BCGA1934	 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]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1850.70	1.4	QPSK	1 / 5	24.41	-1.80	22.61	0.182	33.01	-10.40
1882.50	1.4	QPSK	1 / 5	24.12	-1.80	22.32	0.171	33.01	-10.69
1914.30	1.4	QPSK	1 / 0	24.27	-1.80	22.47	0.177	33.01	-10.54
1914.30	1.4	16-QAM	1 / 0	23.77	-1.80	21.97	0.158	33.01	-11.04
1850.70	1.4	64-QAM	1 / 5	22.79	-1.80	20.99	0.126	33.01	-12.02
1851.50	3	QPSK	1 / 7	24.46	-1.80	22.66	0.185	33.01	-10.35
1882.50	3	QPSK	1 / 7	24.10	-1.80	22.30	0.170	33.01	-10.71
1913.50	3	QPSK	1 / 0	24.14	-1.80	22.34	0.171	33.01	-10.68
1851.50	3	16-QAM	1 / 0	23.71	-1.80	21.91	0.155	33.01	-11.10
1851.50	3	64-QAM	1 / 7	22.70	-1.80	20.90	0.123	33.01	-12.11
1852.50	5	QPSK	1 / 24	24.61	-1.80	22.81	0.191	33.01	-10.20
1882.50	5	QPSK	1 / 0	24.34	-1.80	22.54	0.179	33.01	-10.47
1912.50	5	QPSK	1 / 0	24.68	-1.80	22.88	0.194	33.01	-10.13
1912.50	5	16-QAM	1 / 0	23.89	-1.80	22.09	0.162	33.01	-10.92
1852.50	5	64-QAM	1 / 24	22.84	-1.80	21.04	0.127	33.01	-11.97
1855.00	10	QPSK	1 / 0	24.53	-1.80	22.73	0.188	33.01	-10.28
1882.50	10	QPSK	1 / 0	24.45	-1.80	22.65	0.184	33.01	-10.36
1910.00	10	QPSK	1 / 25	24.50	-1.80	22.70	0.186	33.01	-10.31
1882.50	10	16-QAM	1 / 0	23.90	-1.80	22.10	0.162	33.01	-10.91
1855.00	10	64-QAM	1 / 25	22.86	-1.80	21.06	0.128	33.01	-11.95
1857.50	15	QPSK	1 / 0	24.50	-1.80	22.70	0.186	33.01	-10.31
1882.50	15	QPSK	1 / 0	24.47	-1.80	22.67	0.185	33.01	-10.34
1907.50	15	QPSK	1 / 0	24.61	-1.80	22.81	0.191	33.01	-10.20
1907.50	15	16-QAM	1 / 0	23.83	-1.80	22.03	0.160	33.01	-10.98
1857.50	15	64-QAM	1 / 0	22.86	-1.80	21.06	0.128	33.01	-11.95
1860.00	20	QPSK	1 / 0	24.51	-1.80	22.71	0.187	33.01	-10.30
1882.50	20	QPSK	1 / 0	24.58	-1.80	22.78	0.190	33.01	-10.23
1905.00	20	QPSK	1 / 0	24.68	-1.80	22.88	0.194	33.01	-10.13
1860.00	20	16-QAM	1 / 0	24.03	-1.80	22.23	0.167	33.01	-10.78
1860.00	20	64-QAM	1 / 0	22.91	-1.80	21.11	0.129	33.01	-11.90

Table 7-46. EIRP Data (Band 25)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 274 of 370

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	23.50	0.40	23.90	0.245	23.98	-0.08
2310.00	5	QPSK	1 / 24	23.42	0.40	23.82	0.241	23.98	-0.16
2312.50	5	QPSK	1 / 24	23.50	0.40	23.90	0.245	23.98	-0.08
2312.50	5	16-QAM	1 / 12	22.65	0.40	23.05	0.202	23.98	-0.93
2312.50	5	64-QAM	1 / 24	21.74	0.40	22.14	0.164	23.98	-1.84
2310.00	10	QPSK	1 / 0	23.50	0.40	23.90	0.245	23.98	-0.08
2310.00	10	16-QAM	1 / 0	22.80	0.40	23.20	0.209	23.98	-0.78
2310.00	10	64-QAM	1 / 0	21.65	0.40	22.05	0.160	23.98	-1.93

Table 7-47. EIRP Data (Band 30)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 275 of 370

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	23.91	0.00	23.91	0.246	33.01	-9.10
2535.00	5	QPSK	1 / 0	23.57	0.00	23.57	0.228	33.01	-9.44
2567.50	5	QPSK	1 / 24	23.76	0.00	23.76	0.238	33.01	-9.25
2502.50	5	16-QAM	1 / 12	23.25	0.00	23.25	0.211	33.01	-9.76
2502.50	5	64-QAM	1 / 0	22.17	0.00	22.17	0.165	33.01	-10.84
2505.00	10	QPSK	1 / 0	23.84	0.00	23.84	0.242	33.01	-9.17
2535.00	10	QPSK	1 / 0	23.67	0.00	23.67	0.233	33.01	-9.34
2565.00	10	QPSK	1 / 49	23.77	0.00	23.77	0.238	33.01	-9.24
2505.00	10	16-QAM	1 / 0	23.17	0.00	23.17	0.208	33.01	-9.84
2505.00	10	64-QAM	1 / 0	22.17	0.00	22.17	0.165	33.01	-10.84
2507.50	15	QPSK	1 / 0	23.78	0.00	23.78	0.239	33.01	-9.23
2535.00	15	QPSK	1 / 0	23.64	0.00	23.64	0.231	33.01	-9.37
2562.50	15	QPSK	1 / 74	23.68	0.00	23.68	0.234	33.01	-9.33
2507.50	15	16-QAM	1 / 0	23.09	0.00	23.09	0.204	33.01	-9.92
2507.50	15	64-QAM	1 / 0	22.18	0.00	22.18	0.165	33.01	-10.83
2510.00	20	QPSK	1 / 0	23.84	0.00	23.84	0.242	33.01	-9.17
2535.00	20	QPSK	1 / 0	23.73	0.00	23.73	0.236	33.01	-9.28
2560.00	20	QPSK	1 / 99	23.74	0.00	23.74	0.236	33.01	-9.28
2510.00	20	16-QAM	1 / 0	23.37	0.00	23.37	0.217	33.01	-9.64
2510.00	20	64-QAM	1 / 0	22.18	0.00	22.18	0.165	33.01	-10.83

Table 7-48. EIRP Data (Band 7)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 276 of 370

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 / 24	25.21	0.00	25.21	0.332	33.01	-7.80
2593.00	5	QPSK	1 / 24	25.07	0.00	25.07	0.322	33.01	-7.94
2687.50	5	QPSK	1 / 0	24.74	0.00	24.74	0.298	33.01	-8.28
2593.00	5	16-QAM	1 / 0	24.49	0.00	24.49	0.281	33.01	-8.52
2498.50	5	64-QAM	1 / 24	23.17	0.00	23.17	0.207	33.01	-9.84
2501.00	10	QPSK	1 / 49	25.18	0.00	25.18	0.329	33.01	-7.83
2593.00	10	QPSK	1 / 49	25.11	0.00	25.11	0.324	33.01	-7.90
2685.00	10	QPSK	1 / 0	24.60	0.00	24.60	0.288	33.01	-8.41
2501.00	10	16-QAM	1 / 25	24.53	0.00	24.53	0.284	33.01	-8.48
2501.00	10	64-QAM	1 / 49	23.32	0.00	23.32	0.215	33.01	-9.69
2503.50	15	QPSK	1 / 74	25.16	0.00	25.16	0.328	33.01	-7.85
2593.00	15	QPSK	1 / 74	25.08	0.00	25.08	0.322	33.01	-7.93
2682.50	15	QPSK	1 / 0	24.72	0.00	24.72	0.297	33.01	-8.29
2503.50	15	16-QAM	1 / 74	24.51	0.00	24.51	0.282	33.01	-8.50
2503.50	15	64-QAM	1 / 74	23.40	0.00	23.40	0.219	33.01	-9.61
2506.00	20	QPSK	1 / 99	25.23	0.00	25.23	0.333	33.01	-7.78
2593.00	20	QPSK	1 / 0	25.07	0.00	25.07	0.321	33.01	-7.94
2680.00	20	QPSK	1 / 0	24.82	0.00	24.82	0.303	33.01	-8.19
2506.00	20	16-QAM	1 / 99	24.89	0.00	24.89	0.308	33.01	-8.12
2506.00	20	64-QAM	1 / 99	23.62	0.00	23.62	0.230	33.01	-9.39

Table 7-49. EIRP Data (Band 41)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 277 of 370

7.7.4 Port-D Radiated Power (ERP/EIRP)

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 / 3	22.55	-2.00	20.55	0.114	30.00	-9.45
1732.50	1.4	QPSK	1 / 3	22.51	-2.00	20.51	0.113	30.00	-9.49
1754.30	1.4	QPSK	1 / 0	22.43	-2.00	20.43	0.110	30.00	-9.57
1732.50	1.4	16-QAM	1 / 2	21.98	-2.00	19.98	0.099	30.00	-10.02
1732.50	1.4	64-QAM	1 / 5	20.95	-2.00	18.95	0.079	30.00	-11.05
1711.50	3	QPSK	1 / 7	22.52	-2.00	20.52	0.113	30.00	-9.48
1732.50	3	QPSK	1 / 7	22.48	-2.00	20.48	0.112	30.00	-9.52
1753.50	3	QPSK	1 / 7	22.34	-2.00	20.34	0.108	30.00	-9.66
1732.50	3	16-QAM	1 / 7	21.80	-2.00	19.80	0.095	30.00	-10.20
1732.50	3	64-QAM	1 / 7	20.96	-2.00	18.96	0.079	30.00	-11.04
1712.50	5	QPSK	1 / 0	22.72	-2.00	20.72	0.118	30.00	-9.28
1732.50	5	QPSK	1 / 24	22.68	-2.00	20.68	0.117	30.00	-9.32
1752.50	5	QPSK	1 / 0	22.73	-2.00	20.73	0.118	30.00	-9.27
1732.50	5	16-QAM	1 / 24	22.00	-2.00	20.00	0.100	30.00	-10.00
1712.50	5	64-QAM	1 / 0	20.93	-2.00	18.93	0.078	30.00	-11.07
1715.00	10	QPSK	1 / 0	22.63	-2.00	20.63	0.116	30.00	-9.37
1732.50	10	QPSK	1 / 49	22.67	-2.00	20.67	0.117	30.00	-9.33
1750.00	10	QPSK	1 / 0	22.71	-2.00	20.71	0.118	30.00	-9.29
1732.50	10	16-QAM	1 / 25	21.96	-2.00	19.96	0.099	30.00	-10.04
1715.00	10	64-QAM	1 / 0	21.02	-2.00	19.02	0.080	30.00	-10.98
1717.50	15	QPSK	1 / 0	22.56	-2.00	20.56	0.114	30.00	-9.44
1732.50	15	QPSK	1 / 36	22.61	-2.00	20.61	0.115	30.00	-9.39
1747.50	15	QPSK	1 / 0	22.65	-2.00	20.65	0.116	30.00	-9.35
1732.50	15	16-QAM	1 / 74	21.95	-2.00	19.95	0.099	30.00	-10.05
1747.50	15	64-QAM	1 / 0	21.03	-2.00	19.03	0.080	30.00	-10.97
1720.00	20	QPSK	1 / 0	22.59	-2.00	20.59	0.114	30.00	-9.41
1732.50	20	QPSK	1 / 99	22.75	-2.00	20.75	0.119	30.00	-9.25
1745.00	20	QPSK	1 / 50	22.63	-2.00	20.63	0.116	30.00	-9.37
1732.50	20	16-QAM	1 / 50	22.02	-2.00	20.02	0.100	30.00	-9.98
1720.00	20	64-QAM	1 / 0	20.98	-2.00	18.98	0.079	30.00	-11.02

Table 7-50. EIRP Data (Band 4)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 278 of 370

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 / 0	22.05	-1.50	20.55	0.113	30.00	-9.45
1745.00	1.4	QPSK	1 / 0	22.12	-1.50	20.62	0.115	30.00	-9.38
1779.30	1.4	QPSK	1 / 3	21.83	-1.50	20.33	0.108	30.00	-9.67
1745.00	1.4	16-QAM	1 / 2	21.53	-1.50	20.03	0.101	30.00	-9.97
1745.00	1.4	64-QAM	1 / 2	20.05	-1.50	18.55	0.072	30.00	-11.45
1711.50	3	QPSK	1 / 7	21.94	-1.50	20.44	0.111	30.00	-9.56
1745.00	3	QPSK	1 / 7	21.96	-1.50	20.46	0.111	30.00	-9.54
1778.50	3	QPSK	1 / 7	21.83	-1.50	20.33	0.108	30.00	-9.67
1745.00	3	16-QAM	1 / 7	21.54	-1.50	20.04	0.101	30.00	-9.96
1745.00	3	64-QAM	1 / 7	20.12	-1.50	18.62	0.073	30.00	-11.38
1712.50	5	QPSK	1 / 0	22.29	-1.50	20.79	0.120	30.00	-9.21
1745.00	5	QPSK	1 / 0	22.12	-1.50	20.62	0.115	30.00	-9.38
1777.50	5	QPSK	1 / 0	22.15	-1.50	20.65	0.116	30.00	-9.35
1745.00	5	16-QAM	1 / 12	21.57	-1.50	20.07	0.102	30.00	-9.93
1745.00	5	64-QAM	1 / 0	20.11	-1.50	18.61	0.073	30.00	-11.39
1715.00	10	QPSK	1 / 49	22.06	-1.50	20.56	0.114	30.00	-9.44
1745.00	10	QPSK	1 / 0	22.21	-1.50	20.71	0.118	30.00	-9.29
1775.00	10	QPSK	1 / 0	22.17	-1.50	20.67	0.117	30.00	-9.33
1775.00	10	16-QAM	1 / 49	21.54	-1.50	20.04	0.101	30.00	-9.96
1745.00	10	64-QAM	1 / 0	20.16	-1.50	18.66	0.073	30.00	-11.34
1717.50	15	QPSK	1 / 36	22.00	-1.50	20.50	0.112	30.00	-9.50
1745.00	15	QPSK	1 / 0	22.05	-1.50	20.55	0.114	30.00	-9.45
1772.50	15	QPSK	1 / 0	22.10	-1.50	20.60	0.115	30.00	-9.40
1745.00	15	16-QAM	1 / 0	21.67	-1.50	20.17	0.104	30.00	-9.83
1772.50	15	64-QAM	1 / 0	20.15	-1.50	18.65	0.073	30.00	-11.35
1720.00	20	QPSK	1 / 99	22.09	-1.50	20.59	0.115	30.00	-9.41
1745.00	20	QPSK	1 / 0	22.10	-1.50	20.60	0.115	30.00	-9.40
1770.00	20	QPSK	1 / 0	21.98	-1.50	20.48	0.112	30.00	-9.52
1770.00	20	16-QAM	1 / 0	21.63	-1.50	20.13	0.103	30.00	-9.87
1745.00	20	64-QAM	1 / 0	20.16	-1.50	18.66	0.073	30.00	-11.34

Table 7-51. EIRP Data (Band 66)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 279 of 370

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 / 5	22.05	-0.60	21.45	0.140	33.01	-11.56
1880.00	1.4	QPSK	1 / 0	21.87	-0.60	21.27	0.134	33.01	-11.74
1909.30	1.4	QPSK	1 / 5	21.84	-0.60	21.24	0.133	33.01	-11.77
1909.30	1.4	16-QAM	1 / 5	21.44	-0.60	20.84	0.121	33.01	-12.17
1850.70	1.4	64-QAM	1 / 5	20.20	-0.60	19.60	0.091	33.01	-13.41
1851.50	3	QPSK	1 / 7	21.76	-0.60	21.16	0.131	33.01	-11.85
1880.00	3	QPSK	1 / 0	21.60	-0.60	21.00	0.126	33.01	-12.01
1908.50	3	QPSK	1 / 14	21.74	-0.60	21.14	0.130	33.01	-11.87
1908.50	3	16-QAM	1 / 7	21.34	-0.60	20.74	0.118	33.01	-12.27
1851.50	3	64-QAM	1 / 7	20.25	-0.60	19.65	0.092	33.01	-13.36
1852.50	5	QPSK	1 / 24	21.98	-0.60	21.38	0.137	33.01	-11.63
1880.00	5	QPSK	1 / 0	21.75	-0.60	21.15	0.130	33.01	-11.86
1907.50	5	QPSK	1 / 24	22.06	-0.60	21.46	0.140	33.01	-11.55
1907.50	5	16-QAM	1 / 24	21.33	-0.60	20.73	0.118	33.01	-12.28
1880.00	5	64-QAM	1 / 0	20.25	-0.60	19.65	0.092	33.01	-13.36
1855.00	10	QPSK	1 / 0	21.91	-0.60	21.31	0.135	33.01	-11.70
1880.00	10	QPSK	1 / 0	21.76	-0.60	21.16	0.131	33.01	-11.85
1905.00	10	QPSK	1 / 0	21.91	-0.60	21.31	0.135	33.01	-11.70
1905.00	10	16-QAM	1 / 0	21.30	-0.60	20.70	0.118	33.01	-12.31
1855.00	10	64-QAM	1 / 25	20.34	-0.60	19.74	0.094	33.01	-13.27
1857.50	15	QPSK	1 / 0	21.76	-0.60	21.16	0.130	33.01	-11.85
1880.00	15	QPSK	1 / 0	21.60	-0.60	21.00	0.126	33.01	-12.01
1902.50	15	QPSK	1 / 0	21.78	-0.60	21.18	0.131	33.01	-11.83
1902.50	15	16-QAM	1 / 0	21.29	-0.60	20.69	0.117	33.01	-12.32
1857.50	15	64-QAM	1 / 0	20.34	-0.60	19.74	0.094	33.01	-13.27
1860.00	20	QPSK	1 / 0	21.61	-0.60	21.01	0.126	33.01	-12.00
1880.00	20	QPSK	1 / 0	21.64	-0.60	21.04	0.127	33.01	-11.97
1900.00	20	QPSK	1 / 0	21.76	-0.60	21.16	0.131	33.01	-11.85
1860.00	20	16-QAM	1 / 0	21.55	-0.60	20.95	0.124	33.01	-12.06
1860.00	20	64-QAM	1 / 0	20.31	-0.60	19.71	0.094	33.01	-13.30

Table 7-52. EIRP Data (Band 2)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 280 of 370

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	22.52	-2.10	20.42	0.110	33.01	-12.59
1882.50	1.4	QPSK	1 / 3	22.17	-2.10	20.07	0.102	33.01	-12.94
1914.30	1.4	QPSK	1 / 0	22.09	-2.10	19.99	0.100	33.01	-13.02
1850.70	1.4	16-QAM	1 / 5	22.09	-2.10	19.99	0.100	33.01	-13.02
1850.70	1.4	64-QAM	1 / 2	20.72	-2.10	18.62	0.073	33.01	-14.39
1851.50	3	QPSK	1 / 7	22.53	-2.10	20.43	0.110	33.01	-12.58
1882.50	3	QPSK	1 / 7	22.21	-2.10	20.11	0.103	33.01	-12.90
1913.50	3	QPSK	1 / 0	22.11	-2.10	20.01	0.100	33.01	-13.00
1851.50	3	16-QAM	1 / 7	22.09	-2.10	19.99	0.100	33.01	-13.02
1851.50	3	64-QAM	1 / 7	20.67	-2.10	18.57	0.072	33.01	-14.44
1852.50	5	QPSK	1 / 0	22.74	-2.10	20.64	0.116	33.01	-12.37
1882.50	5	QPSK	1 / 0	22.27	-2.10	20.17	0.104	33.01	-12.84
1912.50	5	QPSK	1 / 0	22.53	-2.10	20.43	0.110	33.01	-12.58
1852.50	5	16-QAM	1 / 24	22.17	-2.10	20.07	0.102	33.01	-12.94
1882.50	5	64-QAM	1 / 0	20.60	-2.10	18.50	0.071	33.01	-14.51
1855.00	10	QPSK	1 / 0	22.64	-2.10	20.54	0.113	33.01	-12.47
1882.50	10	QPSK	1 / 0	22.47	-2.10	20.37	0.109	33.01	-12.64
1910.00	10	QPSK	1 / 25	22.40	-2.10	20.30	0.107	33.01	-12.71
1855.00	10	16-QAM	1 / 0	22.14	-2.10	20.04	0.101	33.01	-12.97
1855.00	10	64-QAM	1 / 0	20.65	-2.10	18.55	0.072	33.01	-14.46
1857.50	15	QPSK	1 / 0	22.66	-2.10	20.56	0.114	33.01	-12.45
1882.50	15	QPSK	1 / 0	22.38	-2.10	20.28	0.107	33.01	-12.74
1907.50	15	QPSK	1 / 0	22.30	-2.10	20.20	0.105	33.01	-12.81
1857.50	15	16-QAM	1 / 0	22.00	-2.10	19.90	0.098	33.01	-13.11
1857.50	15	64-QAM	1 / 0	20.75	-2.10	18.65	0.073	33.01	-14.36
1860.00	20	QPSK	1 / 0	22.59	-2.10	20.49	0.112	33.01	-12.52
1882.50	20	QPSK	1 / 0	22.49	-2.10	20.39	0.109	33.01	-12.62
1905.00	20	QPSK	1 / 0	22.46	-2.10	20.36	0.109	33.01	-12.65
1860.00	20	16-QAM	1 / 0	22.17	-2.10	20.07	0.102	33.01	-12.94
1860.00	20	64-QAM	1 / 0	20.77	-2.10	18.67	0.074	33.01	-14.34

Table 7-53. EIRP Data (Band 25)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 281 of 370

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 / 12	22.38	0.30	22.68	0.185	23.98	-1.30
2310.00	5	QPSK	1 / 0	22.19	0.30	22.49	0.177	23.98	-1.49
2312.50	5	QPSK	1 / 24	22.41	0.30	22.71	0.186	23.98	-1.27
2312.50	5	16-QAM	1 / 24	21.71	0.30	22.01	0.159	23.98	-1.97
2312.50	5	64-QAM	1 / 24	20.77	0.30	21.07	0.128	23.98	-2.91
2310.00	10	QPSK	1 / 0	22.18	0.30	22.48	0.177	23.98	-1.50
2310.00	10	16-QAM	1 / 49	21.69	0.30	21.99	0.158	23.98	-1.99
2310.00	10	64-QAM	1 / 49	20.74	0.30	21.04	0.127	23.98	-2.94

Table 7-54. EIRP Data (Band 30)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 282 of 370

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	21.90	0.10	22.00	0.158	33.01	-11.01
2535.00	5	QPSK	1 / 12	21.49	0.10	21.59	0.144	33.01	-11.42
2567.50	5	QPSK	1 / 24	21.78	0.10	21.88	0.154	33.01	-11.13
2567.50	5	16-QAM	1 / 24	21.29	0.10	21.39	0.138	33.01	-11.62
2502.50	5	64-QAM	1 / 0	20.01	0.10	20.11	0.103	33.01	-12.90
2505.00	10	QPSK	1 / 0	21.75	0.10	21.85	0.153	33.01	-11.16
2535.00	10	QPSK	1 / 49	21.68	0.10	21.78	0.151	33.01	-11.23
2565.00	10	QPSK	1 / 49	21.71	0.10	21.81	0.152	33.01	-11.20
2505.00	10	16-QAM	1 / 0	21.21	0.10	21.31	0.135	33.01	-11.70
2505.00	10	64-QAM	1 / 0	20.08	0.10	20.18	0.104	33.01	-12.83
2507.50	15	QPSK	1 / 0	21.70	0.10	21.80	0.151	33.01	-11.21
2535.00	15	QPSK	1 / 0	21.53	0.10	21.63	0.146	33.01	-11.38
2562.50	15	QPSK	1 / 74	21.63	0.10	21.73	0.149	33.01	-11.28
2507.50	15	16-QAM	1 / 0	21.05	0.10	21.15	0.130	33.01	-11.86
2507.50	15	64-QAM	1 / 0	20.04	0.10	20.14	0.103	33.01	-12.87
2510.00	20	QPSK	1 / 0	21.67	0.10	21.77	0.150	33.01	-11.24
2535.00	20	QPSK	1 / 50	21.56	0.10	21.66	0.147	33.01	-11.35
2560.00	20	QPSK	1 / 99	21.71	0.10	21.81	0.152	33.01	-11.20
2510.00	20	16-QAM	1 / 0	21.19	0.10	21.29	0.135	33.01	-11.72
2510.00	20	64-QAM	1 / 0	19.97	0.10	20.07	0.102	33.01	-12.94

Table 7-55. EIRP Data (Band 7)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 283 of 370

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 / 24	23.24	0.10	23.34	0.216	33.01	-9.67
2593.00	5	QPSK	1 / 24	23.19	0.10	23.29	0.213	33.01	-9.72
2687.50	5	QPSK	1 / 0	23.09	0.10	23.19	0.209	33.01	-9.82
2593.00	5	16-QAM	1 / 12	22.58	0.10	22.68	0.185	33.01	-10.33
2593.00	5	64-QAM	1 / 12	21.20	0.10	21.30	0.135	33.01	-11.71
2501.00	10	QPSK	1 / 0	23.09	0.10	23.19	0.208	33.01	-9.82
2593.00	10	QPSK	1 / 0	23.21	0.10	23.31	0.214	33.01	-9.70
2685.00	10	QPSK	1 / 0	22.93	0.10	23.03	0.201	33.01	-9.98
2593.00	10	16-QAM	1 / 25	22.56	0.10	22.66	0.185	33.01	-10.35
2593.00	10	64-QAM	1 / 0	21.27	0.10	21.37	0.137	33.01	-11.64
2503.50	15	QPSK	1 / 36	23.08	0.10	23.18	0.208	33.01	-9.83
2593.00	15	QPSK	1 / 36	23.18	0.10	23.28	0.213	33.01	-9.73
2682.50	15	QPSK	1 / 0	23.03	0.10	23.13	0.206	33.01	-9.88
2593.00	15	16-QAM	1 / 74	22.54	0.10	22.64	0.183	33.01	-10.37
2593.00	15	64-QAM	1 / 36	21.30	0.10	21.40	0.138	33.01	-11.61
2506.00	20	QPSK	1 / 99	23.09	0.10	23.19	0.208	33.01	-9.82
2593.00	20	QPSK	1 / 99	23.33	0.10	23.43	0.220	33.01	-9.58
2680.00	20	QPSK	1 / 0	22.98	0.10	23.08	0.203	33.01	-9.93
2593.00	20	16-QAM	1 / 99	22.67	0.10	22.77	0.189	33.01	-10.24
2680.00	20	64-QAM	1 / 0	21.34	0.10	21.44	0.139	33.01	-11.57

Table 7-56. EIRP Data (Band 41)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 284 of 370

7.8 Radiated Spurious Emissions Measurements

Test Overview

Radiated spurious emissions 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.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

ANSI/TIA-603-E-2016 – Section 2.2.12

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 285 of 370

Test Setup

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

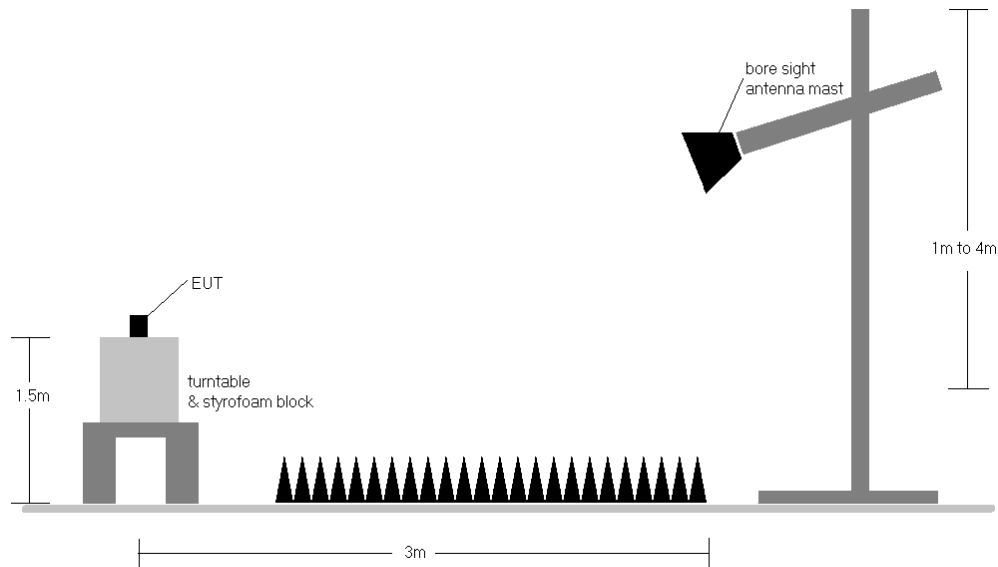


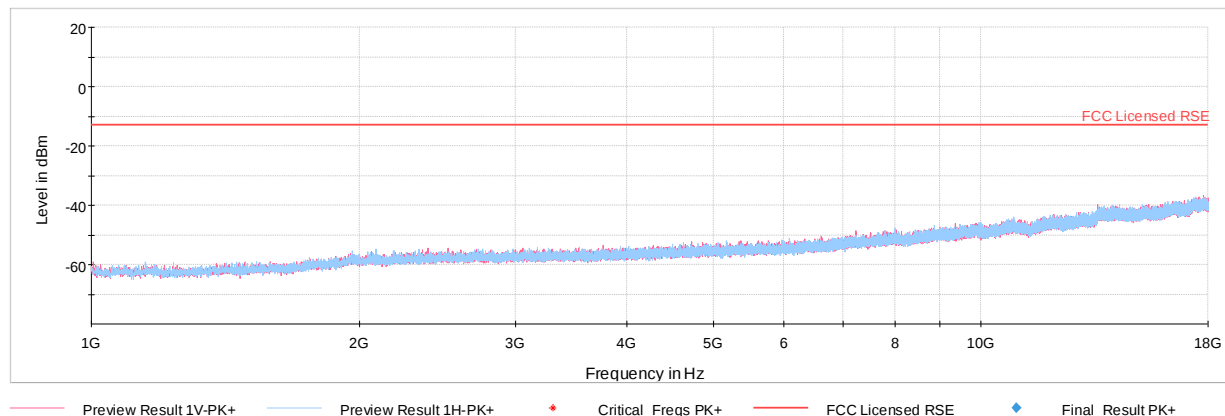
Figure 7-7. Test Instrument & Measurement Setup

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.
- 3) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 4) Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 5) The "-" shown in the following RSE tables are used to denote a noise floor measurement.

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 286 of 370

7.8.1 ANT 3 (Port-A) Radiated Spurious Emissions Measurements Band 12/17



Plot 7-411. Radiated Spurious Plot above 1GHz (Band 12/17)

OPERATING FREQUENCY: 704.00 MHz
CHANNEL: 23060
MODULATION SIGNAL: QPSK
BANDWIDTH: 10.0 MHz
DISTANCE: 3 meters
LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1408.00	H	-	-	-71.66	3.84	-67.83	-54.8
2112.00	H	102	233	-68.29	4.65	-63.65	-50.6
2816.00	H	-	-	-69.55	6.03	-63.52	-50.5
3520.00	H	-	-	-69.90	7.29	-62.61	-49.6

Table 7-57. Radiated Spurious Data (Band 12/17 – Low Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 287 of 370

OPERATING FREQUENCY: 707.50 MHz
 CHANNEL: 23095
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1415.00	H	-	-	-71.75	3.90	-67.85	-54.9
2122.50	H	106	170	-67.88	4.71	-63.17	-50.2
2830.00	H	-	-	-70.03	6.03	-64.00	-51.0
3537.50	H	-	-	-69.46	7.28	-62.18	-49.2

Table 7-58. Radiated Spurious Data (Band 12/17 – Mid Channel)

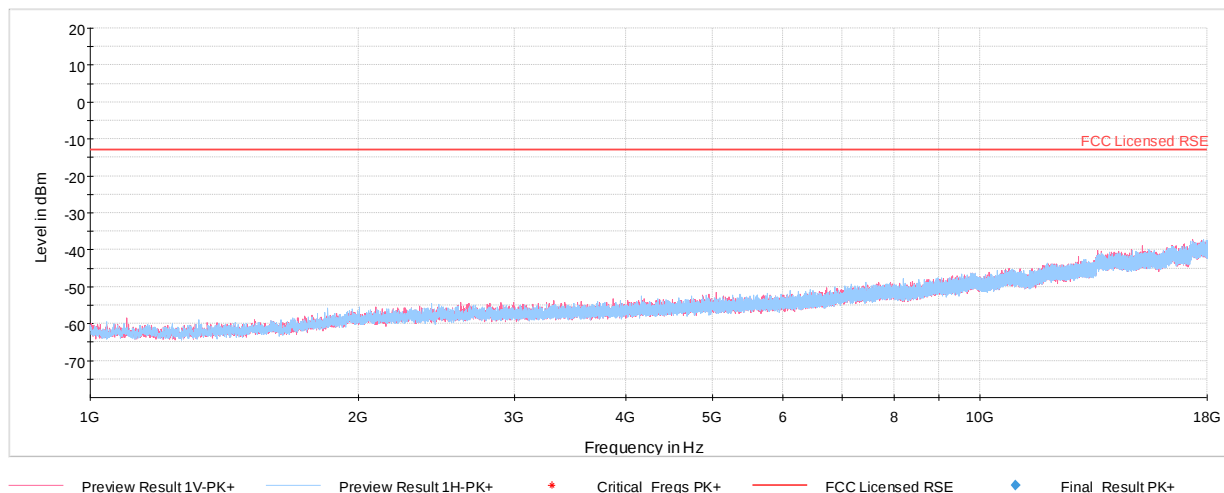
OPERATING FREQUENCY: 711.00 MHz
 CHANNEL: 23130
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1422.00	H	-	-	-71.71	3.96	-67.76	-54.8
2133.00	H	133	169	-69.45	4.77	-64.69	-51.7
2844.00	H	-	-	-69.48	6.04	-63.45	-50.4
3555.00	H	-	-	-70.24	7.28	-62.96	-50.0

Table 7-59. Radiated Spurious Data (Band 12/17 – High Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 288 of 370

Band 13



Plot 7-412. Radiated Spurious Plot above 1GHz (Band 13)

OPERATING FREQUENCY: 779.50 MHz
 CHANNEL: 23205
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
2341.00	H	252	14	-67.44	5.48	-61.97	-49.0
3123.00	H	-	-	-69.66	6.65	-63.01	-50.0
3905.00	H	-	-	-70.07	7.64	-62.43	-49.4

Table 7-60. Radiated Spurious Data (Band 13 – Low Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 289 of 370

OPERATING FREQUENCY: 782.00 MHz
 CHANNEL: 23230
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
2346.00	H	325	136	-65.06	5.48	-59.58	-46.6
3128.00	H	-	-	-69.55	6.67	-62.88	-49.9
3910.00	H	-	-	-70.11	7.65	-62.45	-49.5
4692.00	H	-	-	-69.21	7.75	-61.46	-48.5

Table 7-61. Radiated Spurious Data (Band 13 – Mid Channel)

OPERATING FREQUENCY: 784.50 MHz
 CHANNEL: 23255
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
2351.00	H	268	9	-67.87	5.48	-62.39	-49.4
3133.00	H	-	-	-69.63	6.70	-62.94	-49.9
3915.00	H	-	-	-70.09	7.67	-62.42	-49.4

Table 7-62. Radiated Spurious Data (Band 13 – High Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 290 of 370

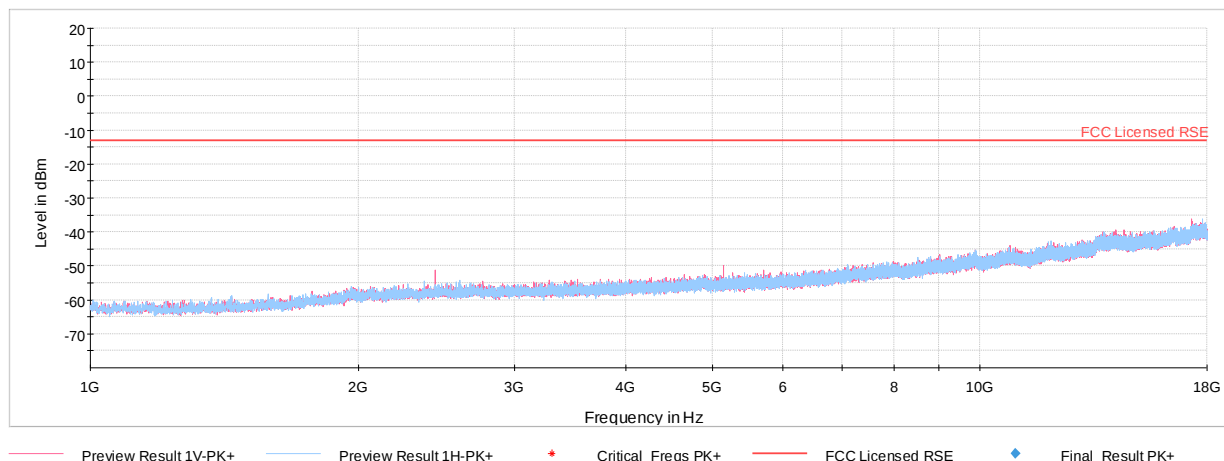
MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.00 MHz
 DISTANCE: 3 meters
 NARROWBAND EMISSION LIMIT: -50 dBm
 WIDEBAND EMISSION LIMIT: -40 dBm/MHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1559.00	H	-	-	-71.66	4.55	-67.11	-27.1
1564.00	H	224	166	-70.96	4.55	-66.41	-26.4
1569.00	H	-	-	-71.59	4.54	-67.05	-27.0

Table 7-63. Radiated Spurious Data (Band 13 – 1559-1610MHz Band)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 291 of 370

Band 26/5



Plot 7-413. Radiated Spurious Plot above 1GHz (Band 26/5)

OPERATING FREQUENCY: 829.00 MHz
 CHANNEL: 20450
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1658.00	H	-	-	-72.04	4.47	-67.57	-54.6
2487.00	H	344	356	-69.12	5.59	-63.53	-50.5
3316.00	H	-	-	-69.94	7.23	-62.72	-49.7
4145.00	H	-	-	-70.04	7.72	-62.32	-49.3

Table 7-64. Radiated Spurious Data (Band 26/5 – Low Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 292 of 370

OPERATING FREQUENCY: 836.50 MHz
 CHANNEL: 20525
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1673.00	H	-	-	-71.58	4.46	-67.12	-54.1
2509.50	V	374	93	-66.08	5.62	-60.47	-47.5
3346.00	H	-	-	-70.20	7.24	-62.96	-50.0
4182.50	H	-	-	-69.76	7.68	-62.08	-49.1

Table 7-65. Radiated Spurious Data (Band 26/5 – Mid Channel)

OPERATING FREQUENCY: 844.00 MHz
 CHANNEL: 20600
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

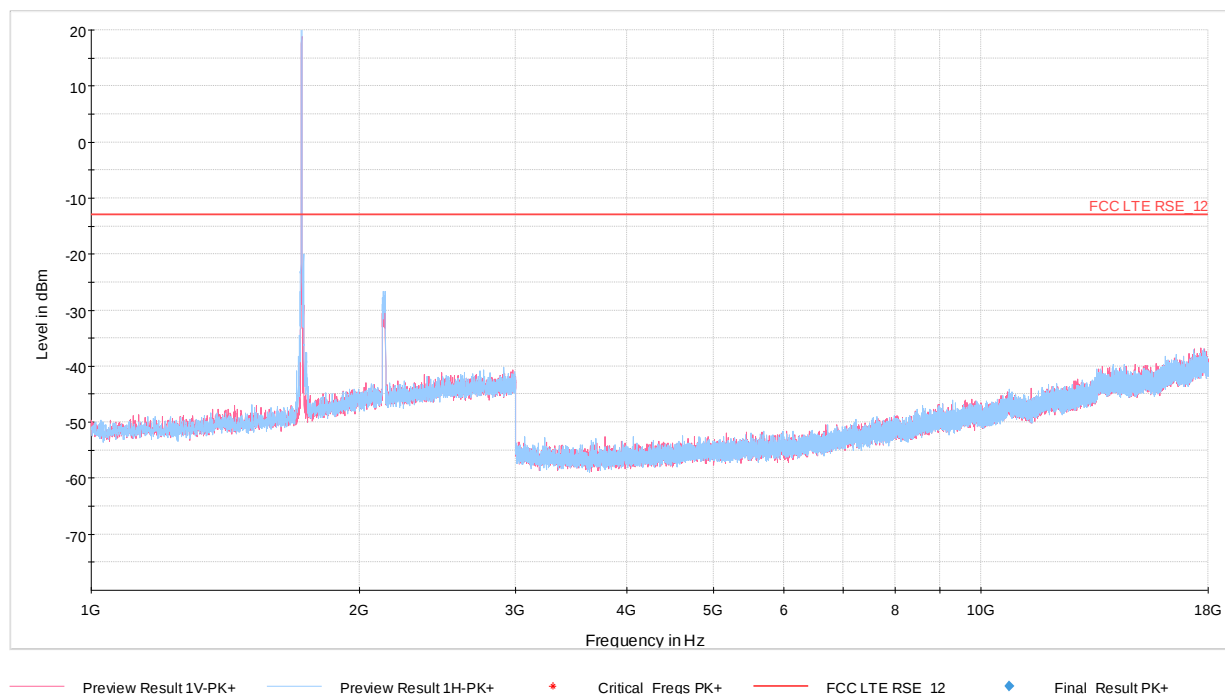
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1688.00	H	-	-	-71.42	4.45	-66.97	-54.0
2532.00	H	219	235	-69.15	5.65	-63.49	-50.5
3376.00	H	-	-	-70.44	7.25	-63.19	-50.2
4220.00	H	-	-	-69.83	7.64	-62.19	-49.2

Table 7-66. Radiated Spurious Data (Band 26/5 – High Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 293 of 370

7.8.2 ANT 4b (Port-A) Radiated Spurious Emissions Measurements

Band 66/4



Plot 7-414. Radiated Spurious Plot above 1GHz (Band 66/4)

OPERATING FREQUENCY: 1720.00 MHz
CHANNEL: 13072
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3440.00	H	-	-	-69.31	7.28	-62.04	-49.0
5160.00	H	-	-	-68.93	7.88	-61.06	-48.1
6880.00	H	-	-	-67.40	8.91	-58.49	-45.5

Table 7-67. Radiated Spurious Data (Band 66/4 – Low Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 294 of 370

OPERATING FREQUENCY: 1745.00 MHz
 CHANNEL: 132322
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3490.00	H	-	-	-69.22	7.29	-61.93	-48.9
5235.00	H	-	-	-68.50	7.80	-60.70	-47.7
6980.00	H	-	-	-67.74	9.03	-58.70	-45.7

Table 7-68. Radiated Spurious Data (Band 66/4 – Mid Channel)

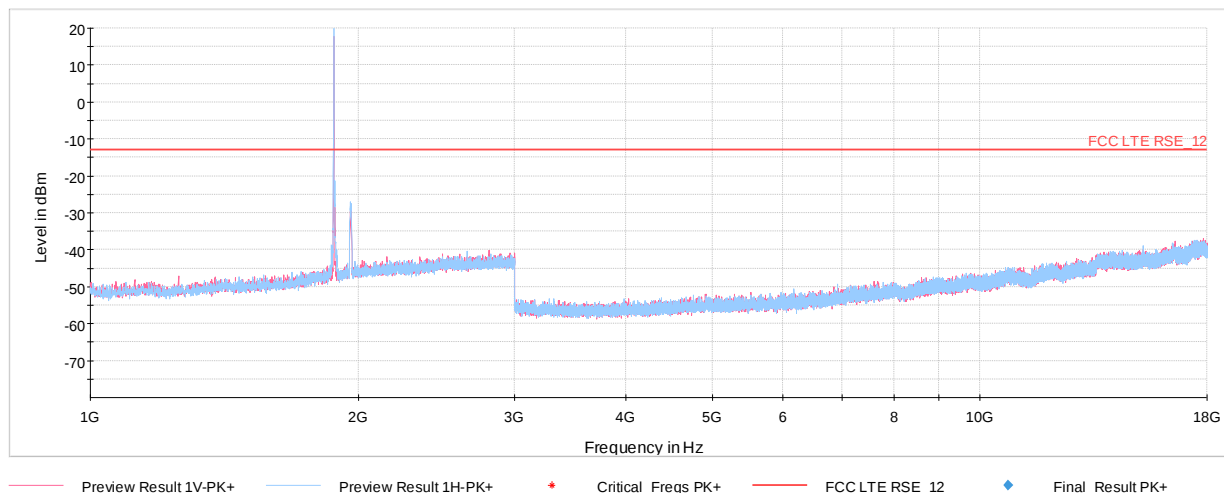
OPERATING FREQUENCY: 1770.00 MHz
 CHANNEL: 132572
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3540.00	H	-	-	-69.33	7.30	-62.03	-49.0
5310.00	H	-	-	-68.41	7.73	-60.68	-47.7
7080.00	H	-	-	-67.70	9.15	-58.55	-45.6

Table 7-69. Radiated Spurious Data (Band 66/4 – High Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 295 of 370

Band 25/2



Plot 7-415. Radiated Spurious Plot above 1GHz (Band 25/2)

OPERATING FREQUENCY: 1860.00 MHz
 CHANNEL: 26140
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3720.00	H	-	-	-69.24	7.21	-62.03	-49.0
5580.00	H	-	-	-68.50	8.27	-60.23	-47.2
7440.00	H	-	-	-67.01	9.58	-57.43	-44.4

Table 7-70. Radiated Spurious Data (Band 25/2 – Low Channel)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 296 of 370

OPERATING FREQUENCY: 1882.50 MHz
 CHANNEL: 26365
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3765.00	V	-	-	-69.20	7.24	-61.95	-49.0
5647.50	H	-	-	-68.40	8.16	-60.24	-47.2
7530.00	V	-	-	-66.86	9.69	-57.17	-44.2

Table 7-71. Radiated Spurious Data (Band 25/2 – Mid Channel)

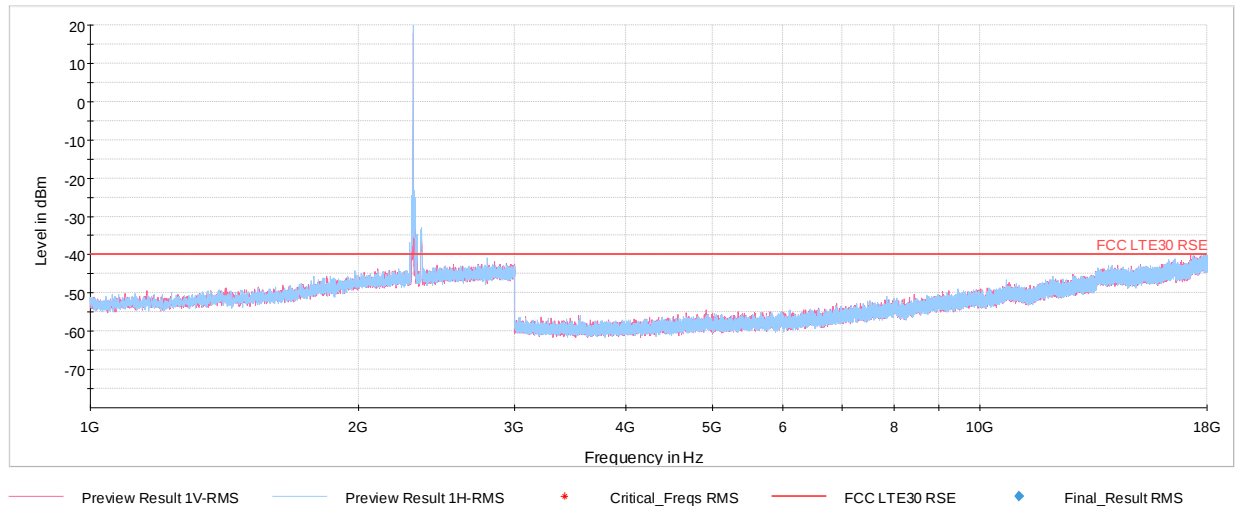
OPERATING FREQUENCY: 1905.00 MHz
 CHANNEL: 26590
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3810.00	V	-	-	-69.22	7.37	-61.85	-48.8
5715.00	H	-	-	-67.79	8.05	-59.74	-46.7
7620.00	V	-	-	-67.34	9.65	-57.69	-44.7

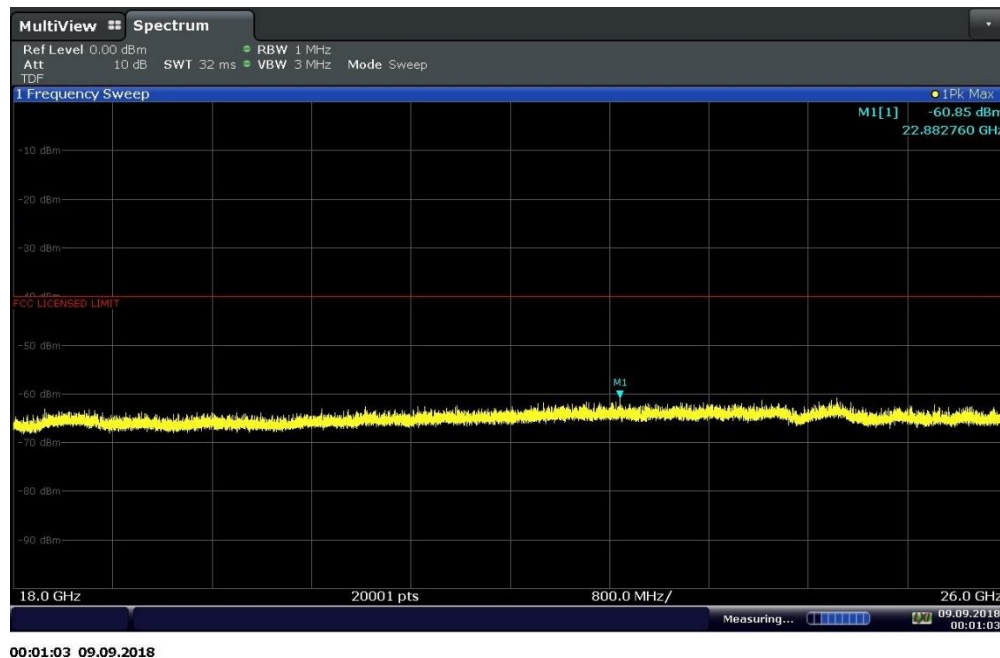
Table 7-72. Radiated Spurious Data (Band 25/2 – High Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 297 of 370

Band 30

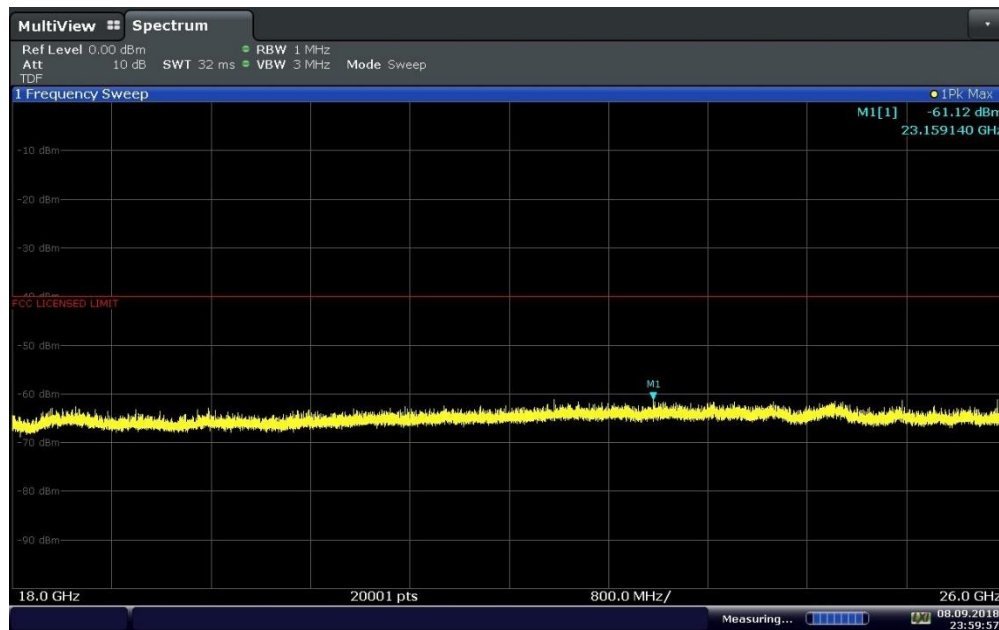


Plot 7-416. Radiated Spurious Plot 1GHz - 18GHz (Band 30)



Plot 7-417. Radiated Spurious Plot 18GHz – 26.5GHz H (Band 30)

FCC ID: BCGA1934	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 298 of 370



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Plot 7-418. Radiated Spurious Plot 18GHz – 26.5GHz V (Band 30)

OPERATING FREQUENCY: 2307.50 MHz
 CHANNEL: 26865
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
4615.00	V	-	-	-68.85	7.81	-61.05	-21.0
6922.50	V	-	-	-67.65	9.02	-58.64	-18.6
9230.00	V	-	-	-65.76	10.50	-55.26	-15.3

Table 7-73. Radiated Spurious Data (Band 30 – Low Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 299 of 370

OPERATING FREQUENCY: 2310.00 MHz
 CHANNEL: 27710
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
4620.00	H	-	-	-69.08	7.80	-61.27	-21.3
6930.00	H	-	-	-67.79	9.03	-58.75	-18.8
9240.00	H	-	-	-65.60	10.50	-55.10	-15.1

Table 7-74. Radiated Spurious Data (Band 30 – Mid Channel)

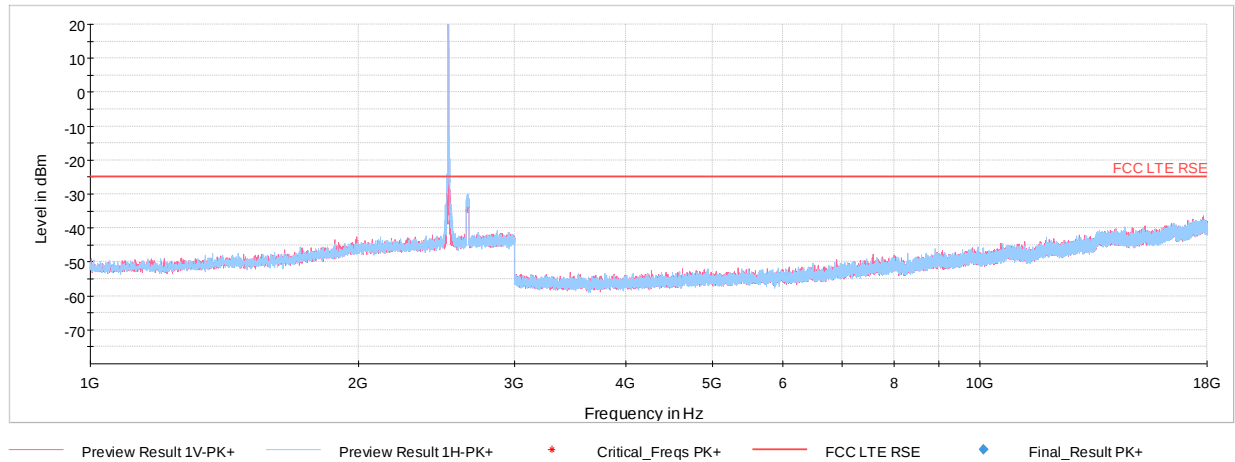
OPERATING FREQUENCY: 2312.50 MHz
 CHANNEL: 237735
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
4625.00	H	-	-	-69.01	7.80	-61.21	-21.2
6937.50	V	-	-	-67.77	9.05	-58.72	-18.7
9250.00	H	-	-	-65.86	10.50	-55.36	-15.4

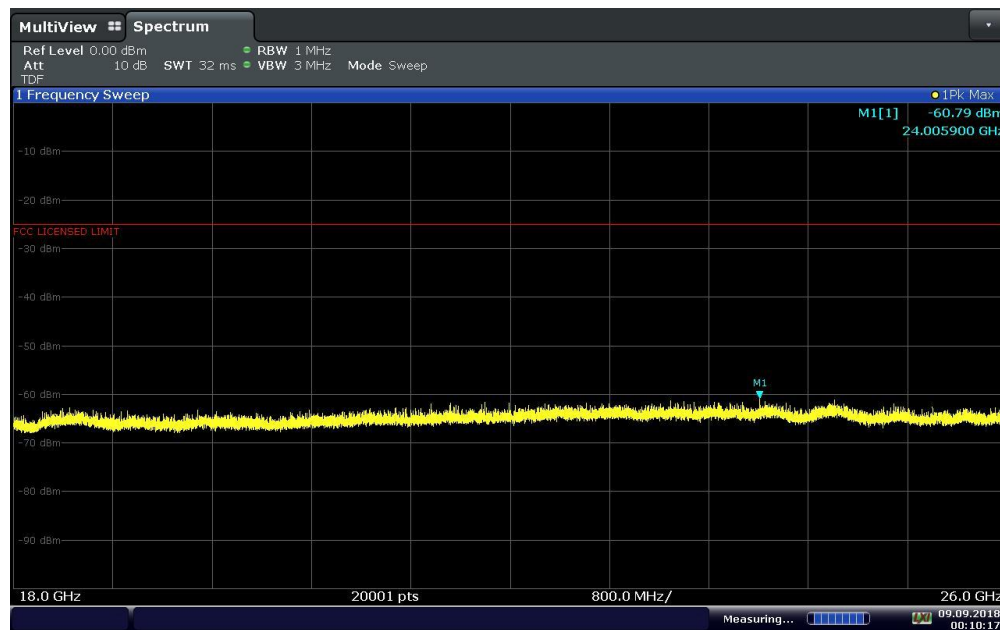
Table 7-75. Radiated Spurious Data (Band 30 – High Channel)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 300 of 370

Band 7



Plot 7-419. Radiated Spurious Plot 1GHz - 18GHz (Band 7)



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Plot 7-420. Radiated Spurious Plot 18GHz - 26.5GHz H (Band 7)

FCC ID: BCGA1934	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220015-03.BCG	Test Dates: 07/27/2018-10/10/2018	EUT Type: Tablet Device	Page 301 of 370