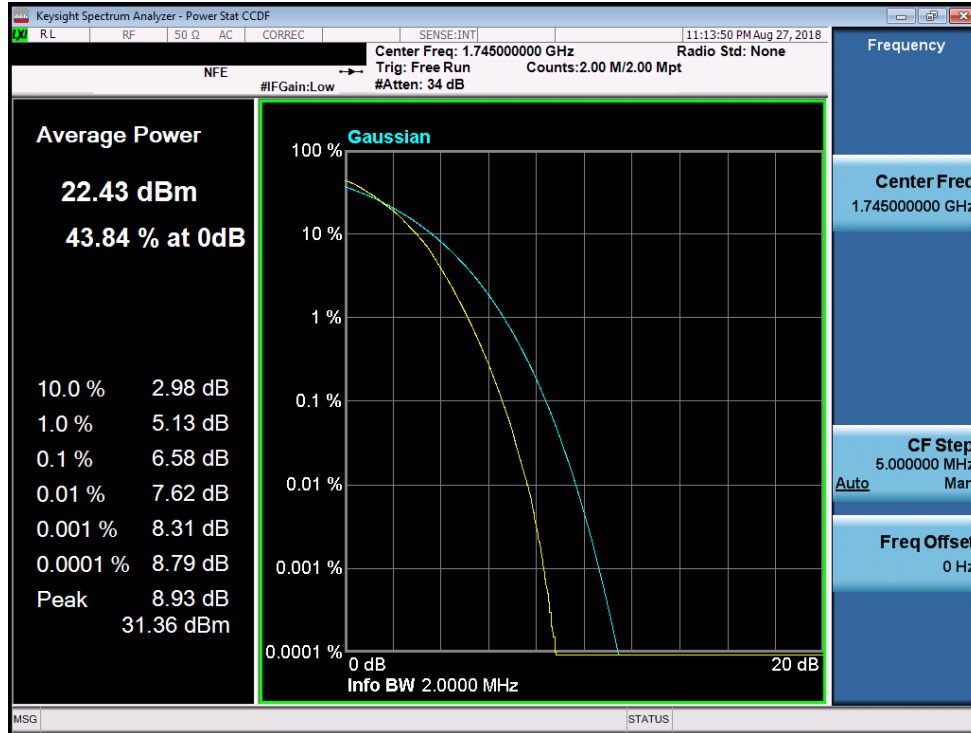
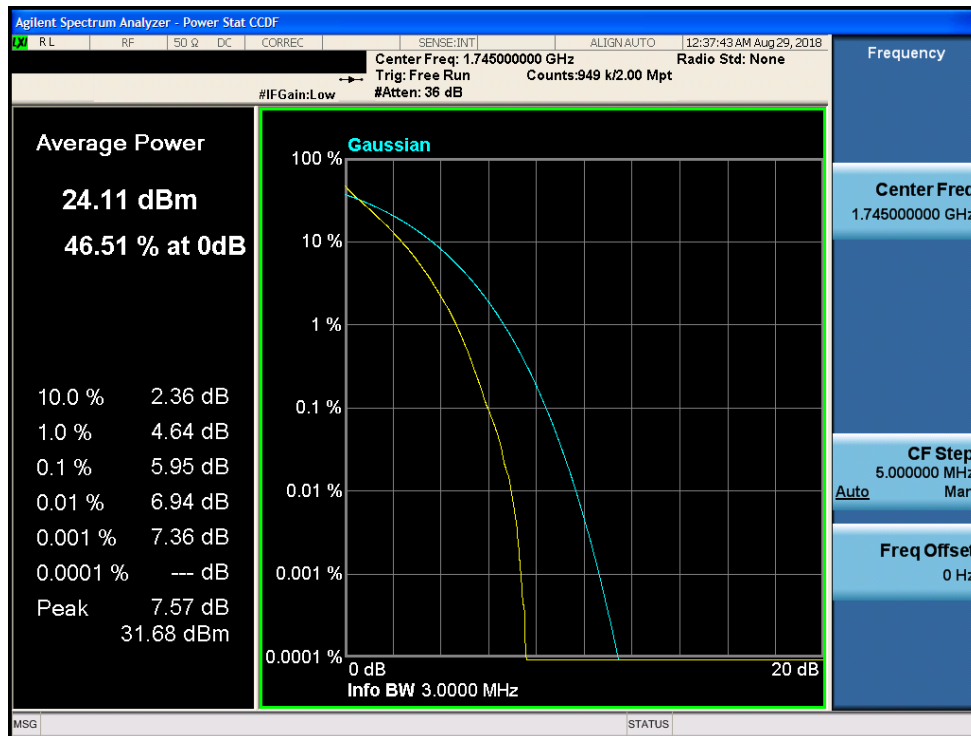


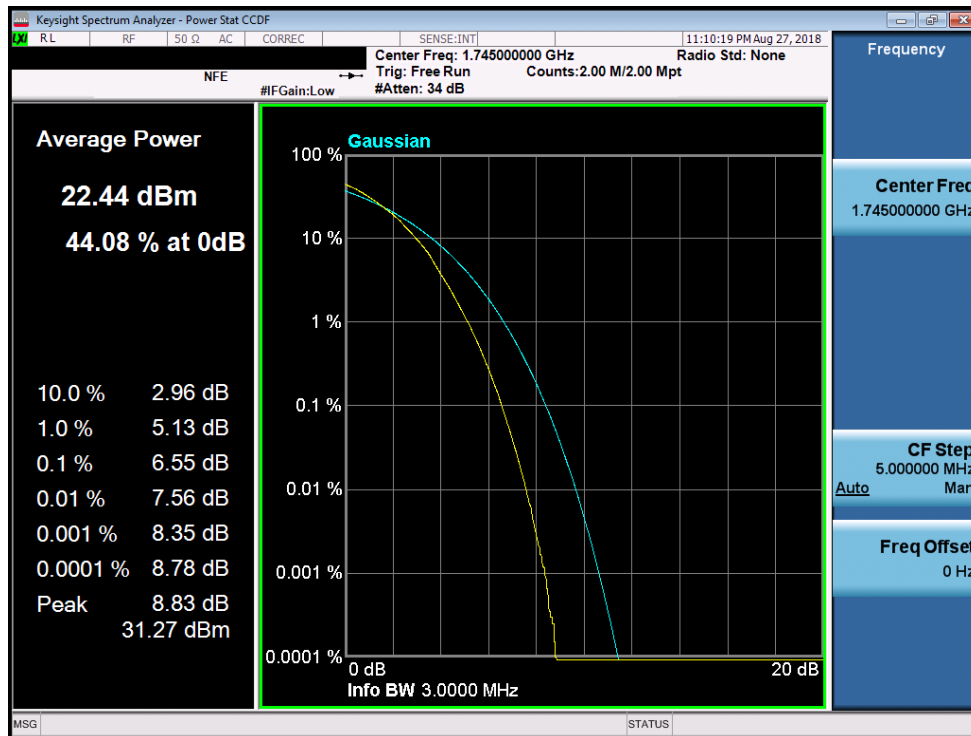
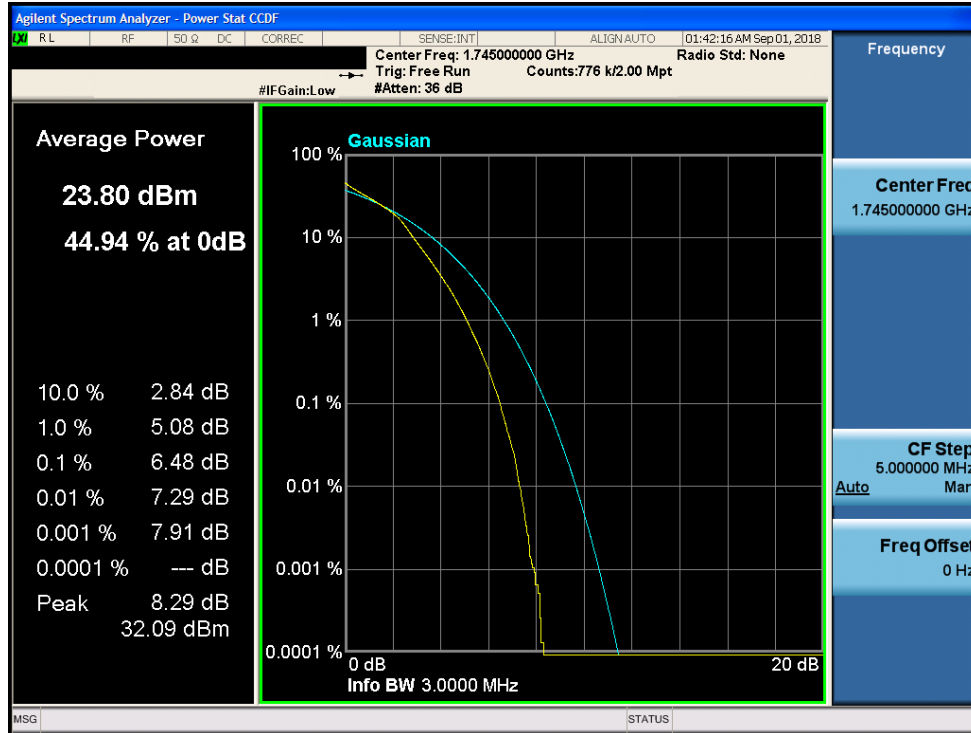


Plot 7-336. PAR Plot (Band 66 – 1.4MHz 64-QAM – RB Size 6)

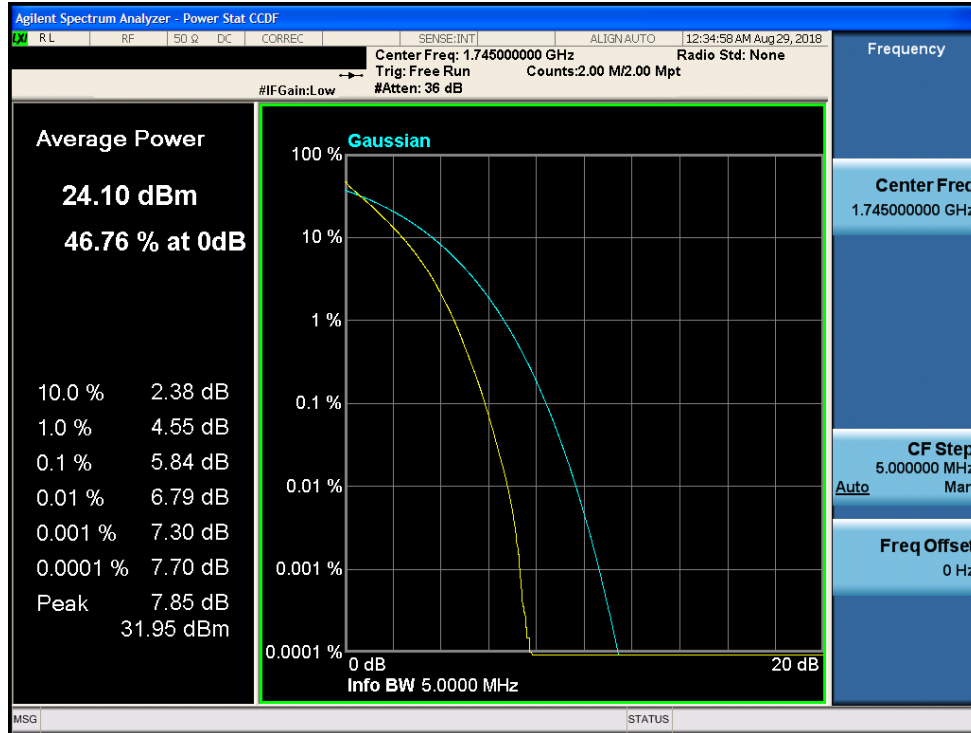


Plot 7-337. PAR Plot (Band 66 – 3.0MHz QPSK – RB Size 15)

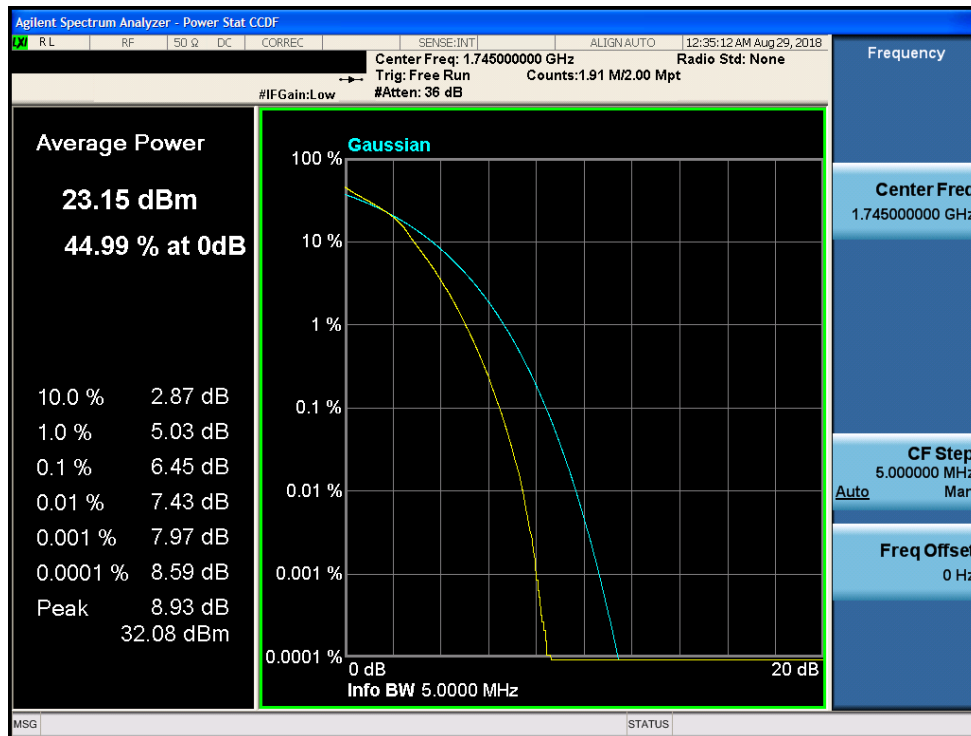
FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 196 of 373



FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 197 of 373

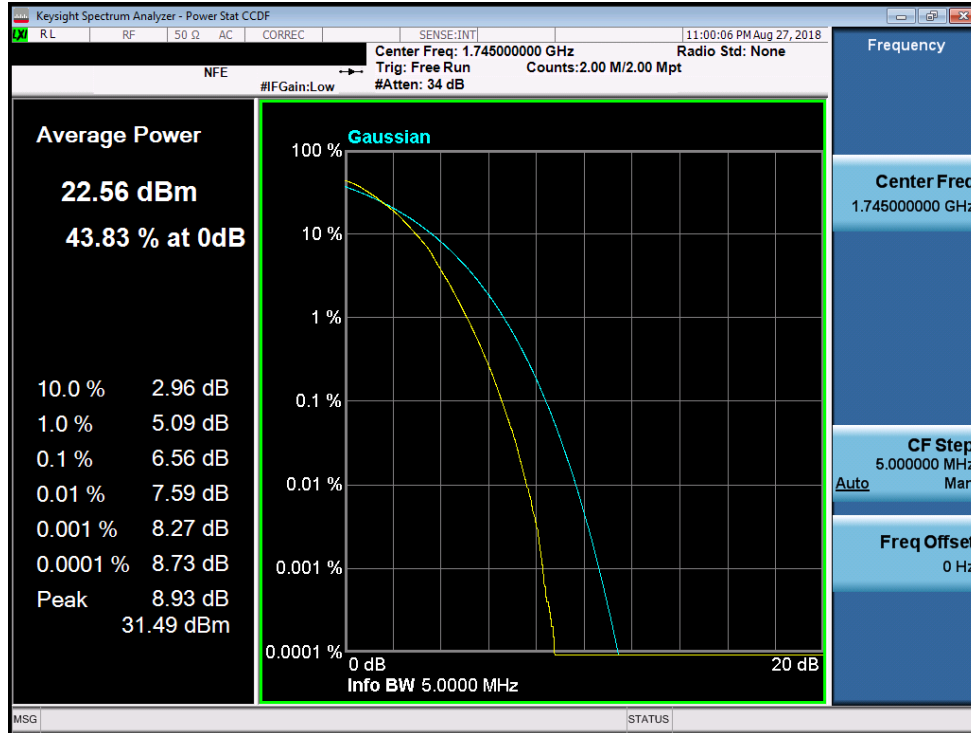


Plot 7-340. PAR Plot (Band 66 – 5.0MHz QPSK – RB Size 25)

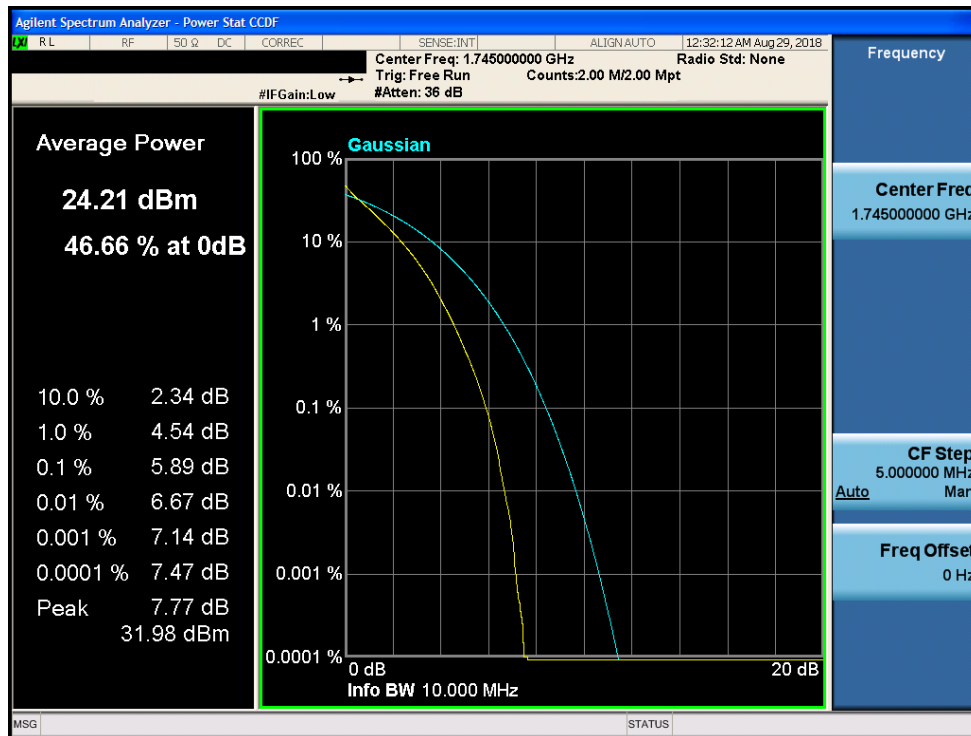


Plot 7-341. PAR Plot (Band 66 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 198 of 373

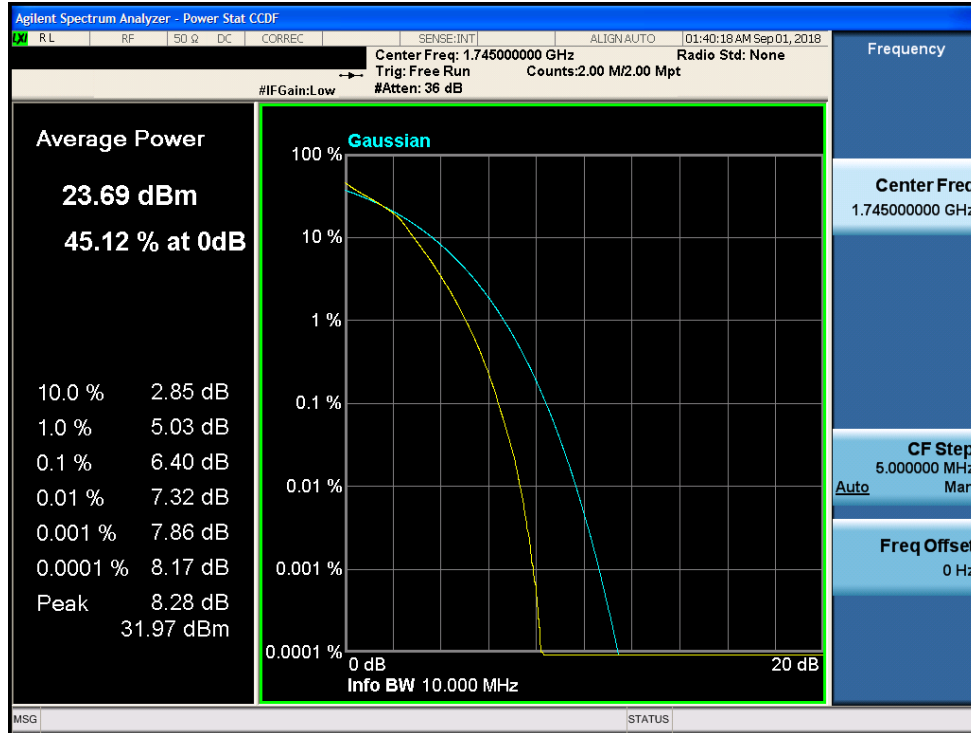


Plot 7-342. PAR Plot (Band 66 – 5.0MHz 64-QAM – RB Size 25)

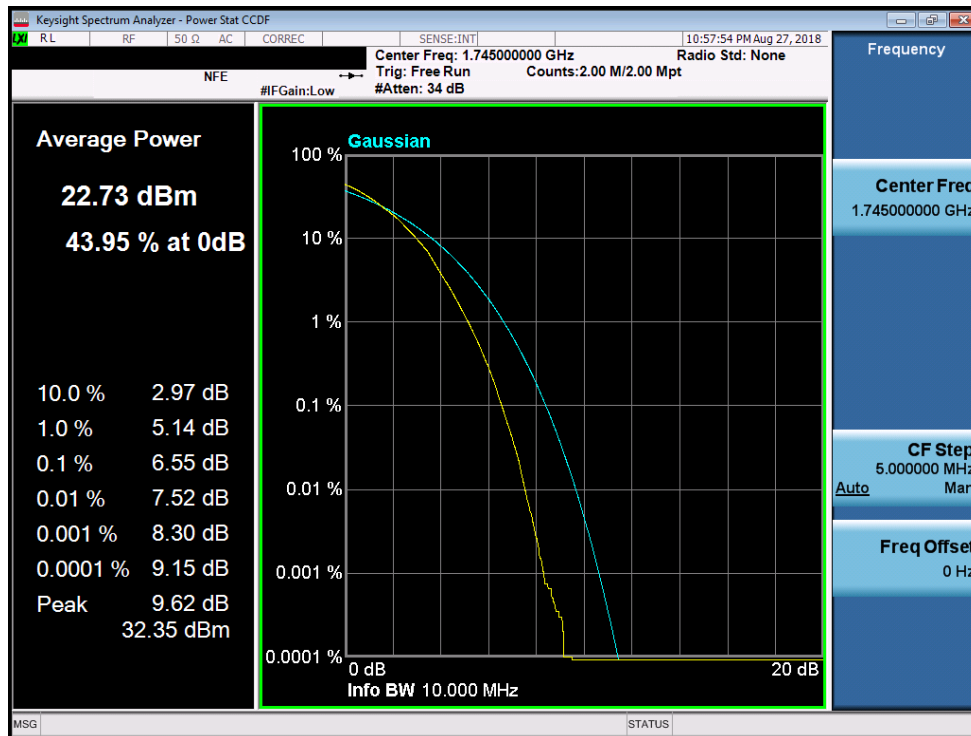


Plot 7-343. PAR Plot (Band 66 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 199 of 373

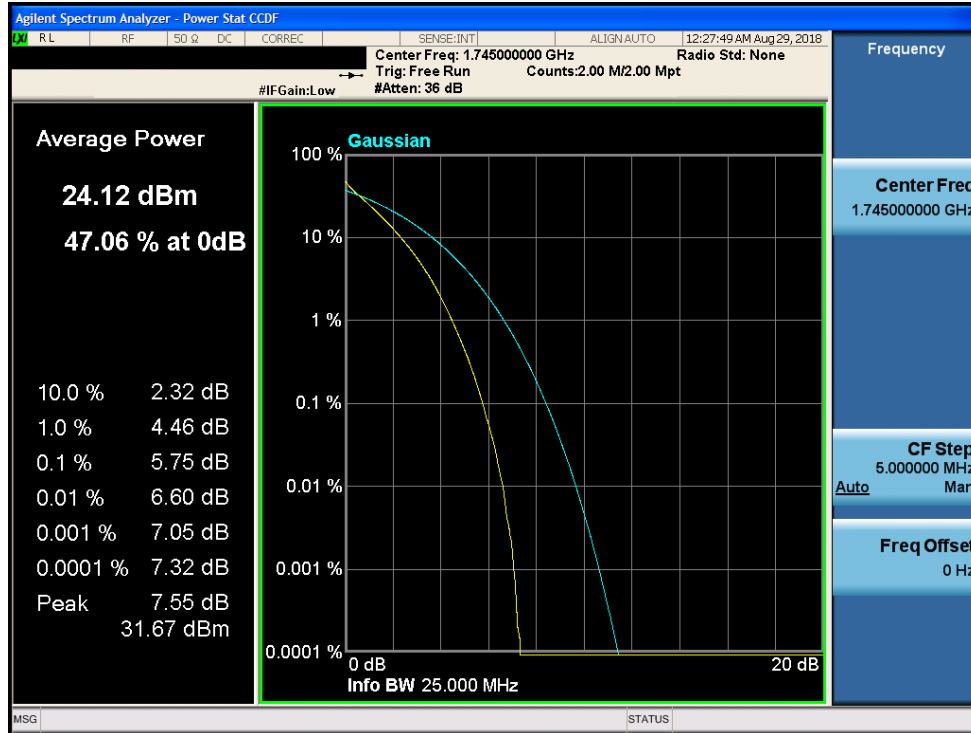


Plot 7-344. PAR Plot (Band 66 – 10.0MHz 16-QAM – RB Size 50)

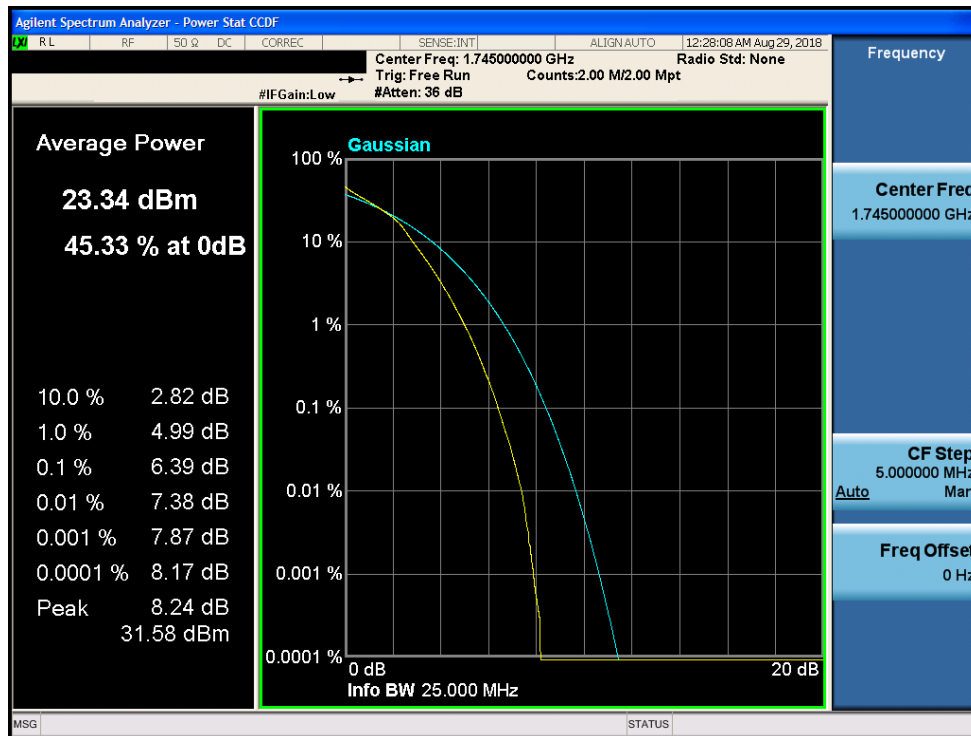


Plot 7-345. PAR Plot (Band 66 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 200 of 373

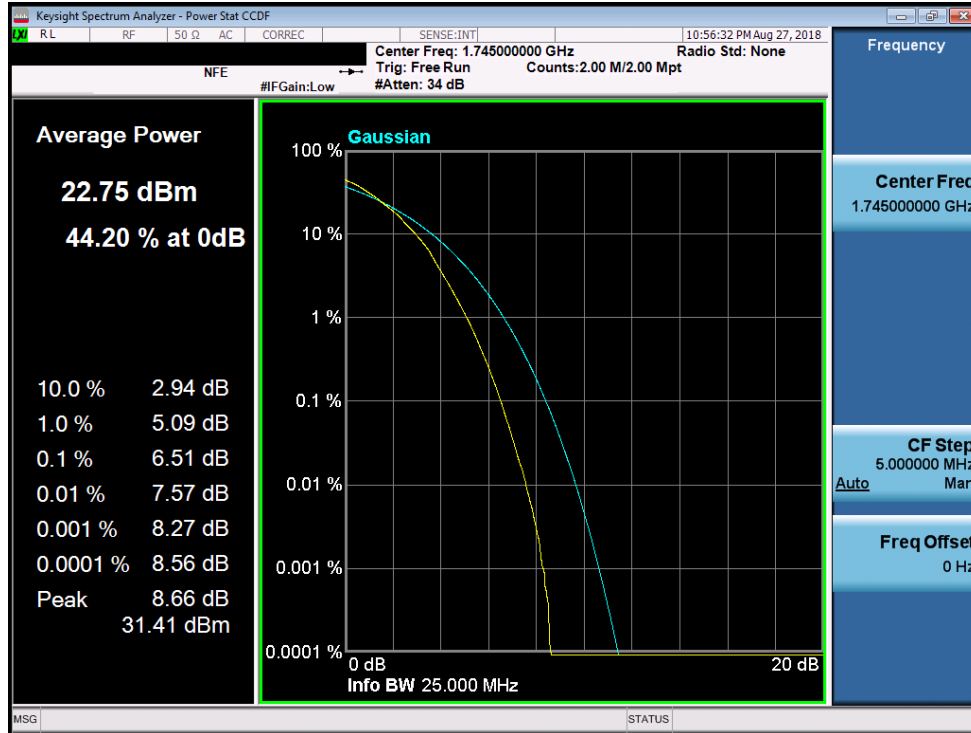


Plot 7-346. PAR Plot (Band 66 – 15.0MHz QPSK – RB Size 75)

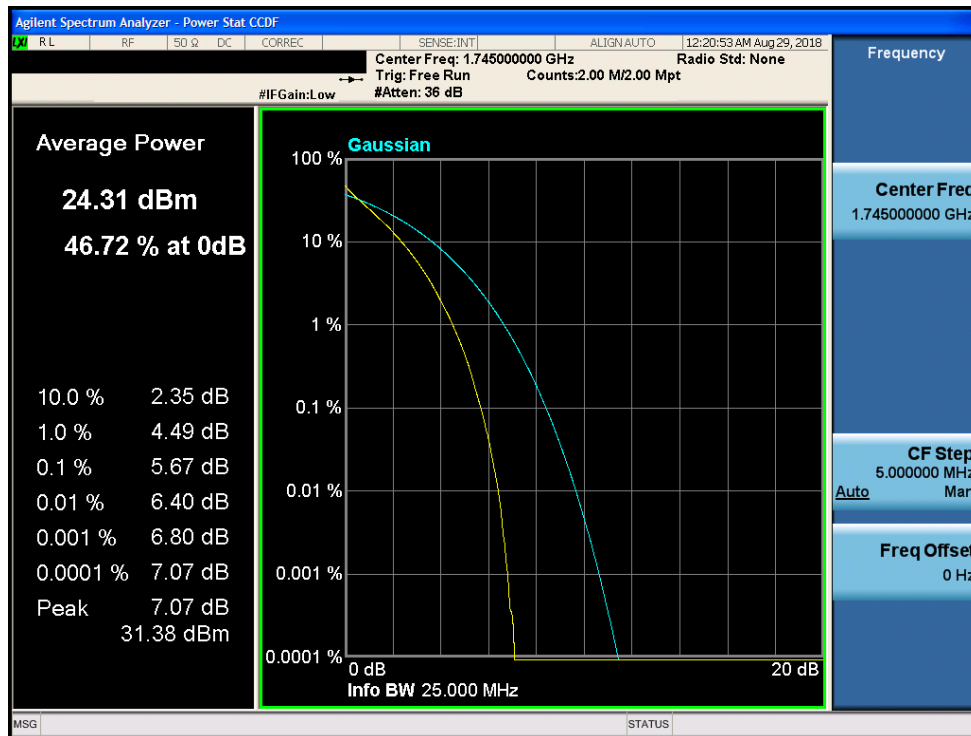


Plot 7-347. PAR Plot (Band 66 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 201 of 373

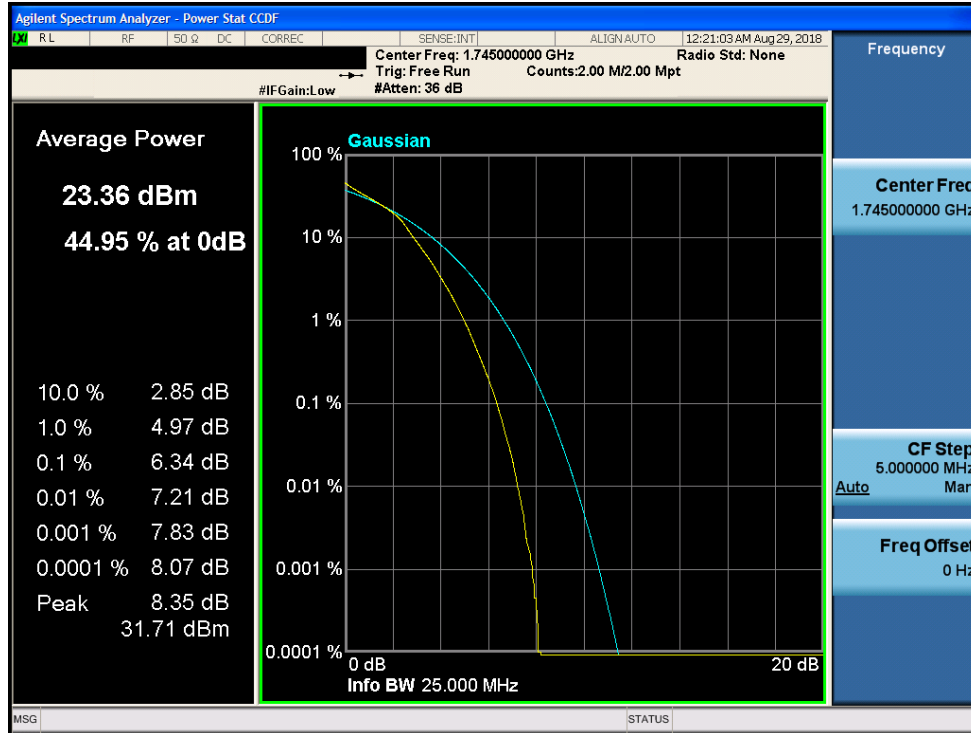


Plot 7-348. PAR Plot (Band 66 – 15.0MHz 64-QAM – RB Size 75)

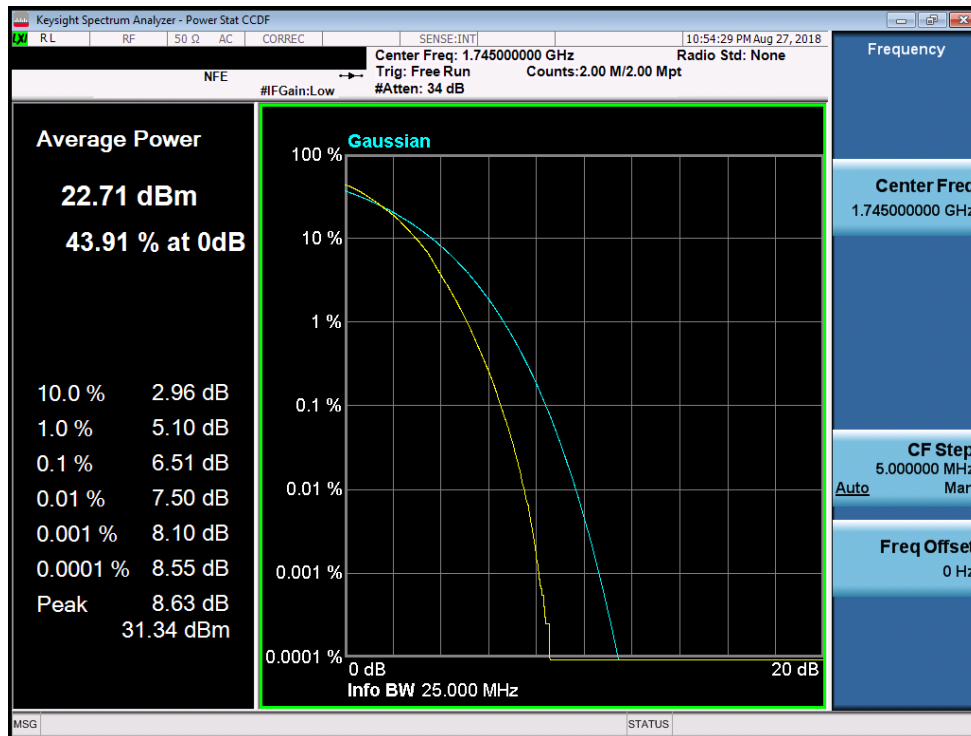


Plot 7-349. PAR Plot (Band 66 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 202 of 373



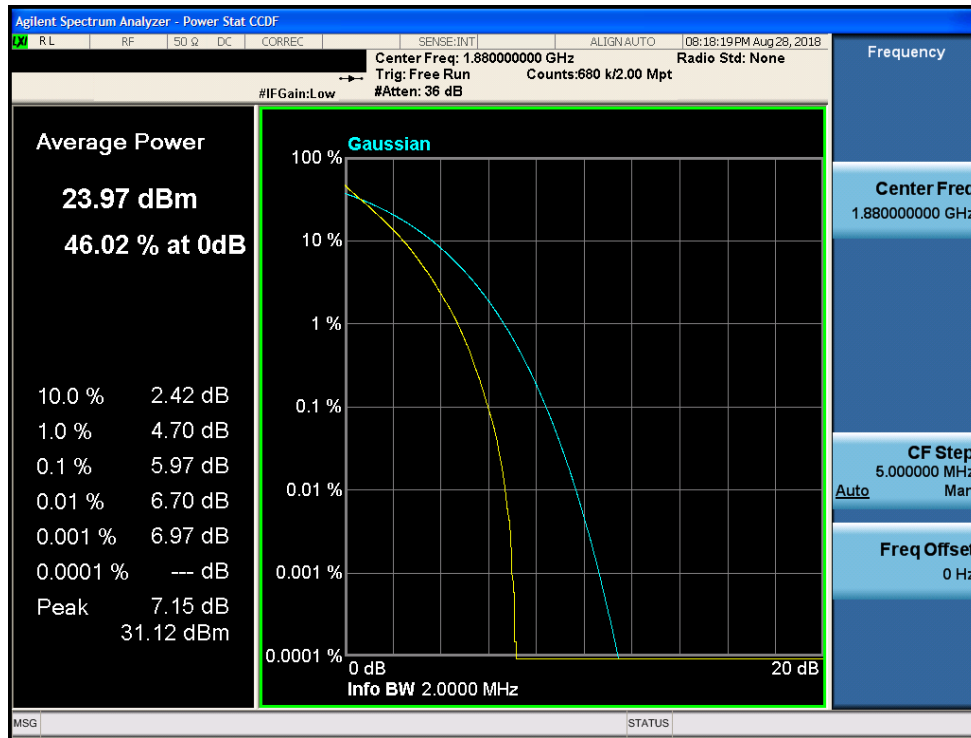
Plot 7-350. PAR Plot (Band 66 – 20.0MHz 16-QAM – RB Size 100)



Plot 7-351. PAR Plot (Band 66 – 20.0MHz 64-QAM – RB Size 100)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 203 of 373

Band 2

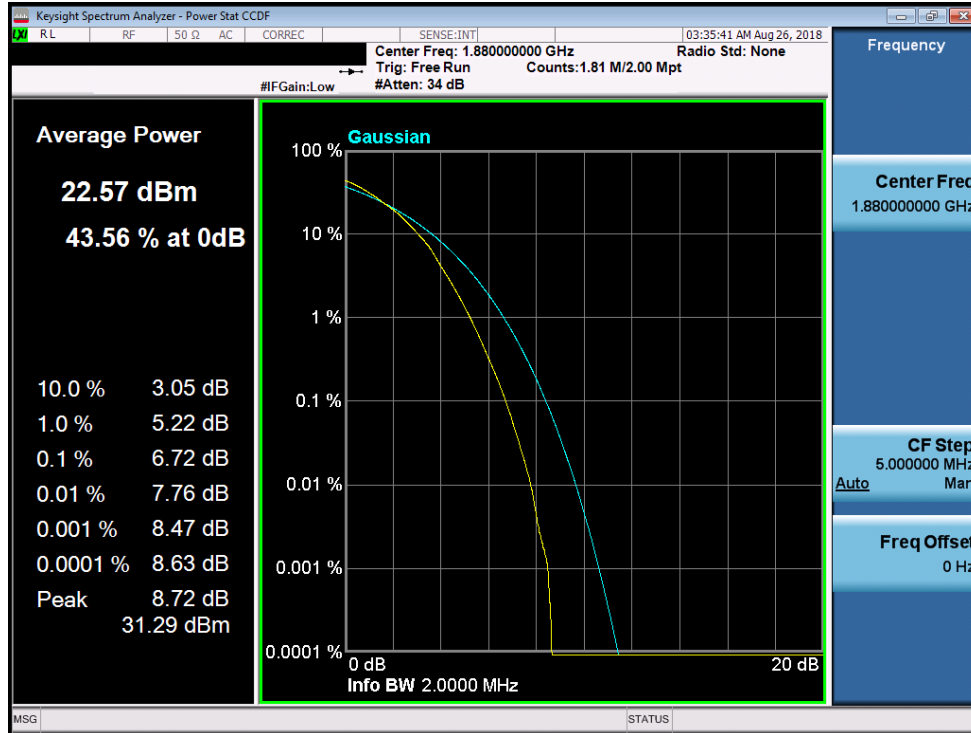


Plot 7-352. PAR Plot (Band 2 – 1.4MHz QPSK – RB Size 6)



Plot 7-353. PAR Plot (Band 2 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 204 of 373

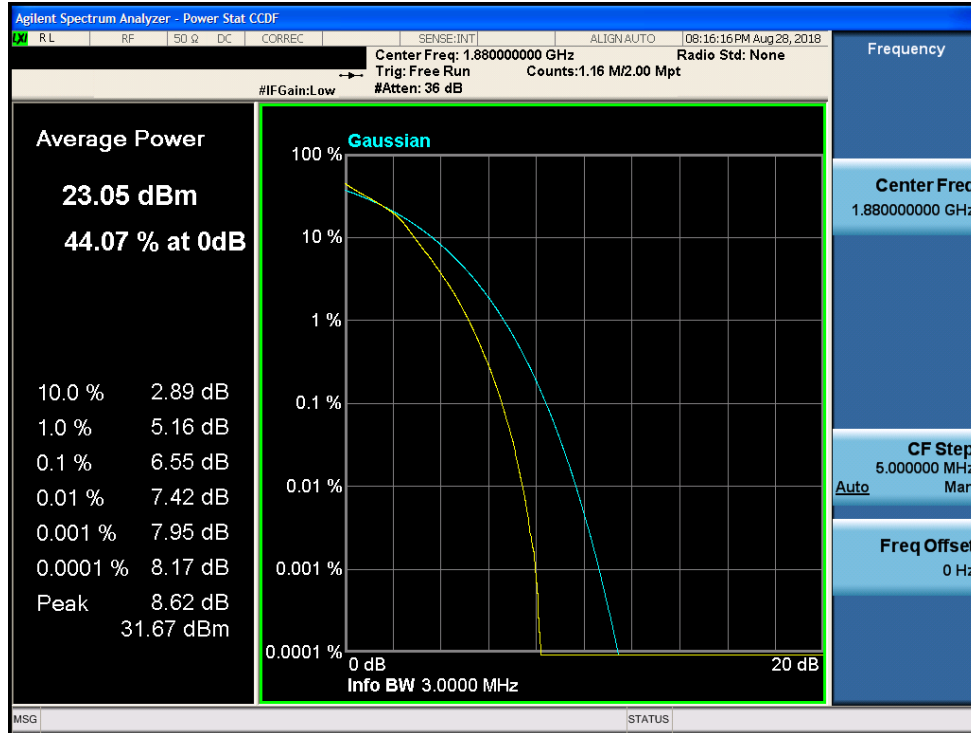


Plot 7-354. PAR Plot (Band 2 – 1.4MHz 64-QAM – RB Size 6)

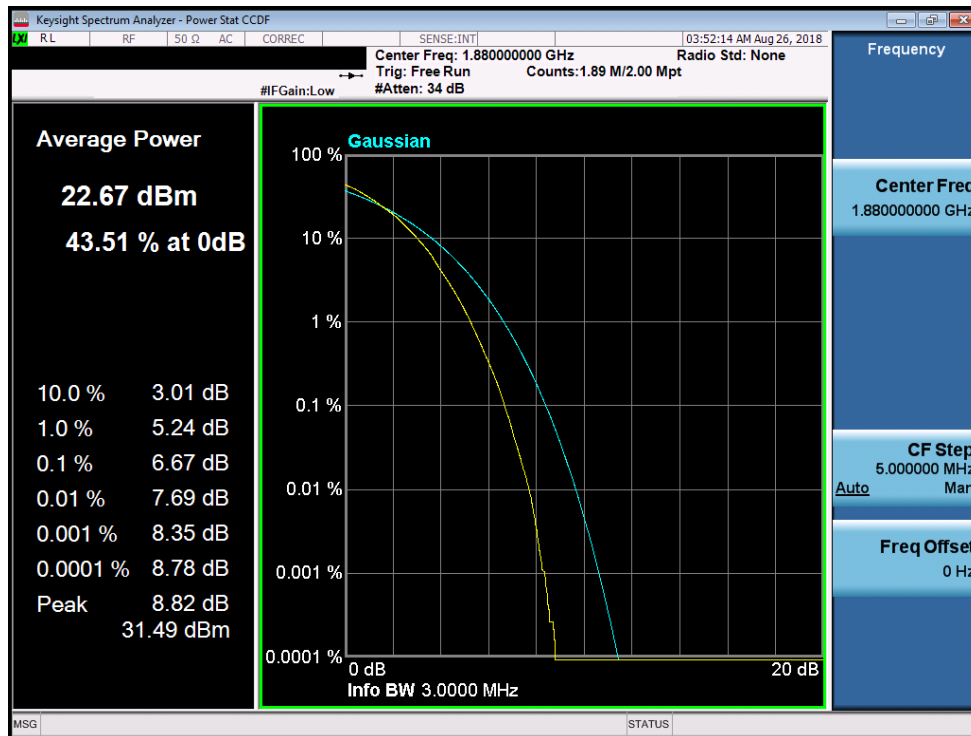


Plot 7-355. PAR Plot (Band 2 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 205 of 373

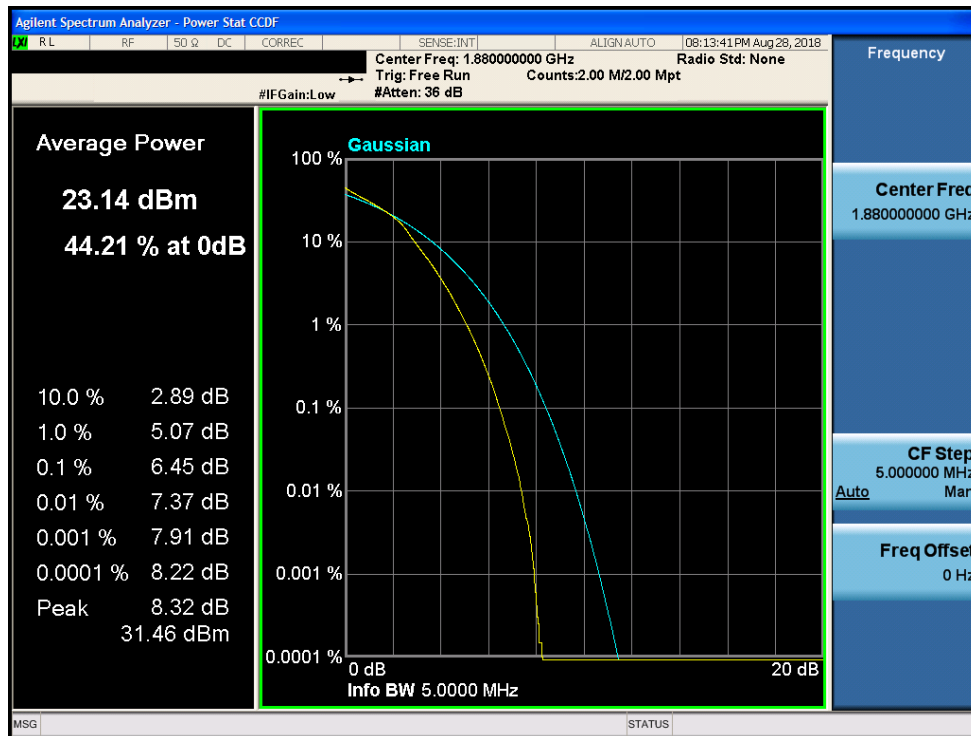
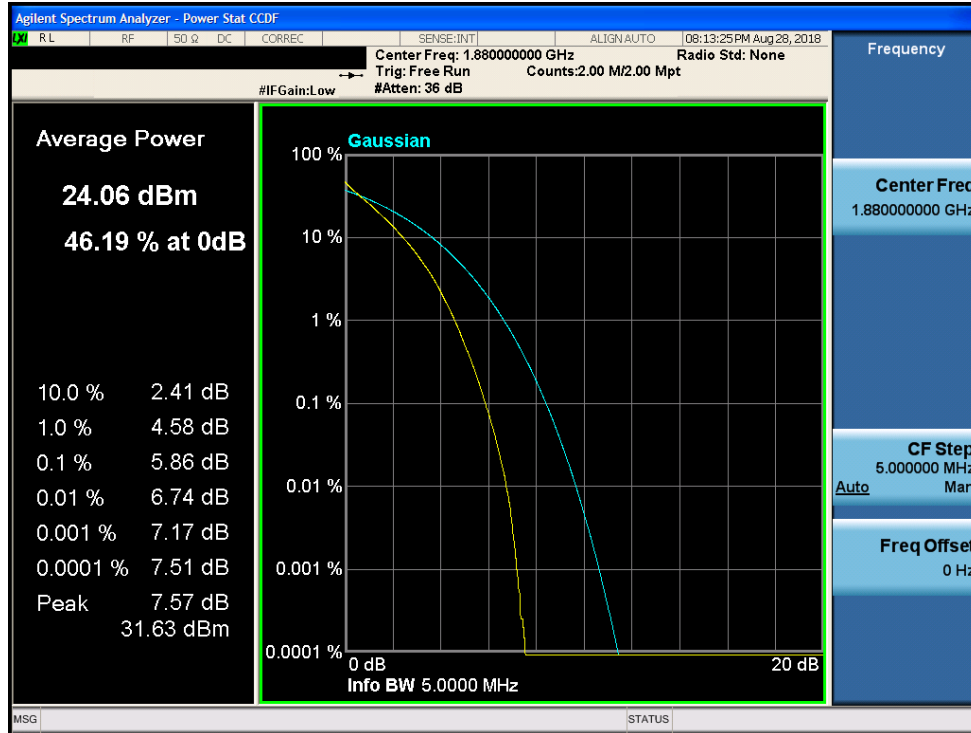


Plot 7-356. PAR Plot (Band 2 – 3.0MHz 16-QAM – RB Size 15)

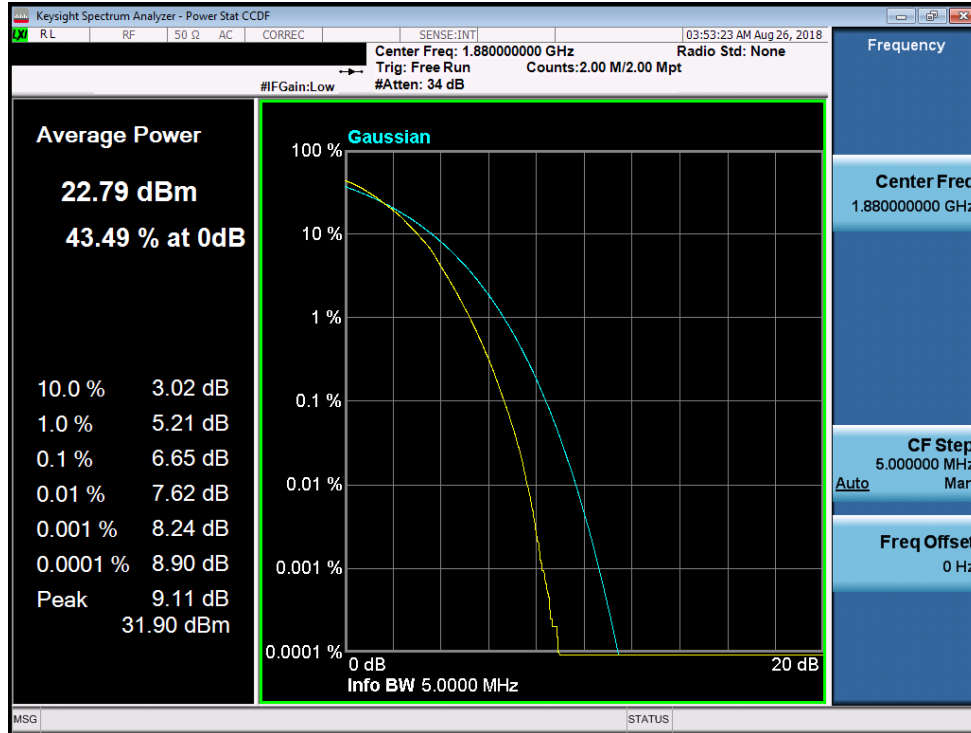


Plot 7-357. PAR Plot (Band 2 – 3.0MHz 64-QAM – RB Size 15)

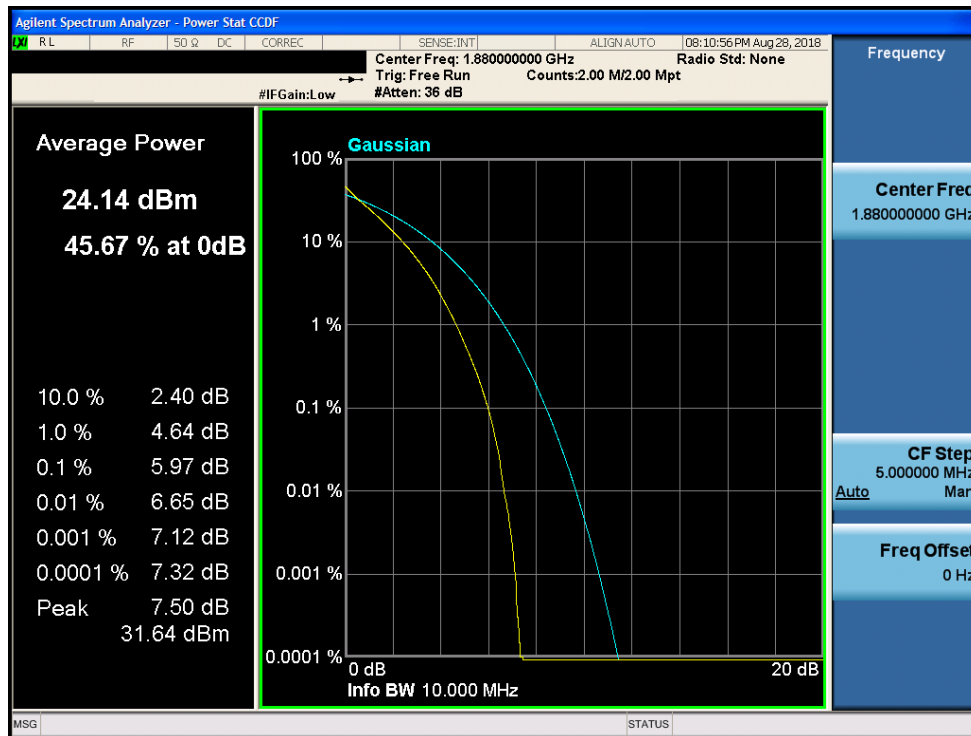
FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 206 of 373



FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 207 of 373

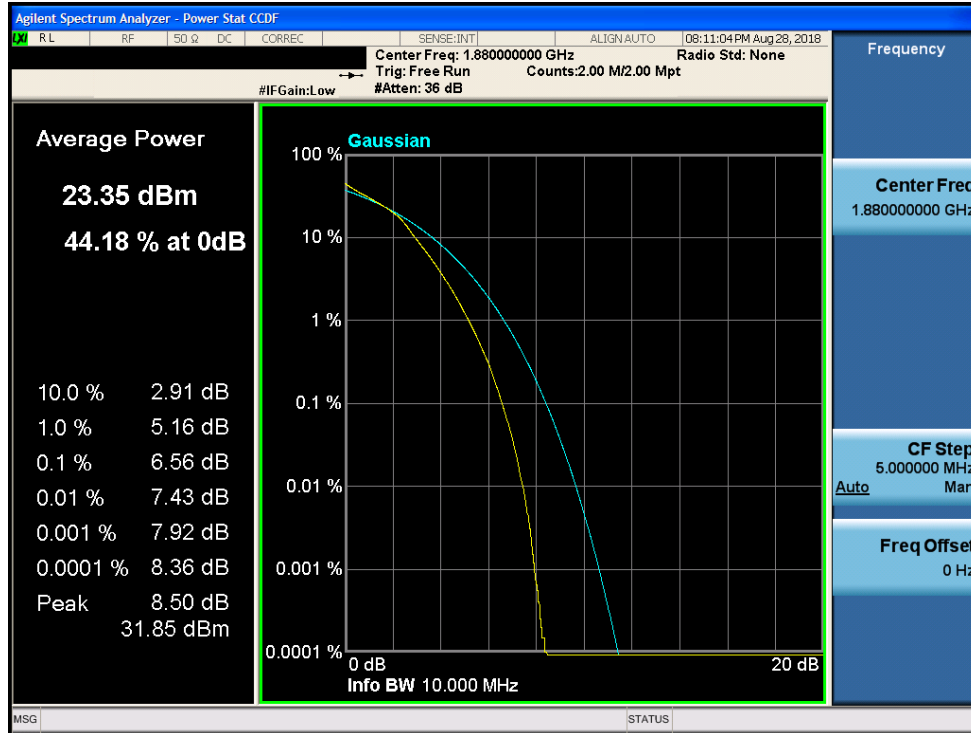


Plot 7-360. PAR Plot (Band 2 – 5.0MHz 64-QAM – RB Size 25)

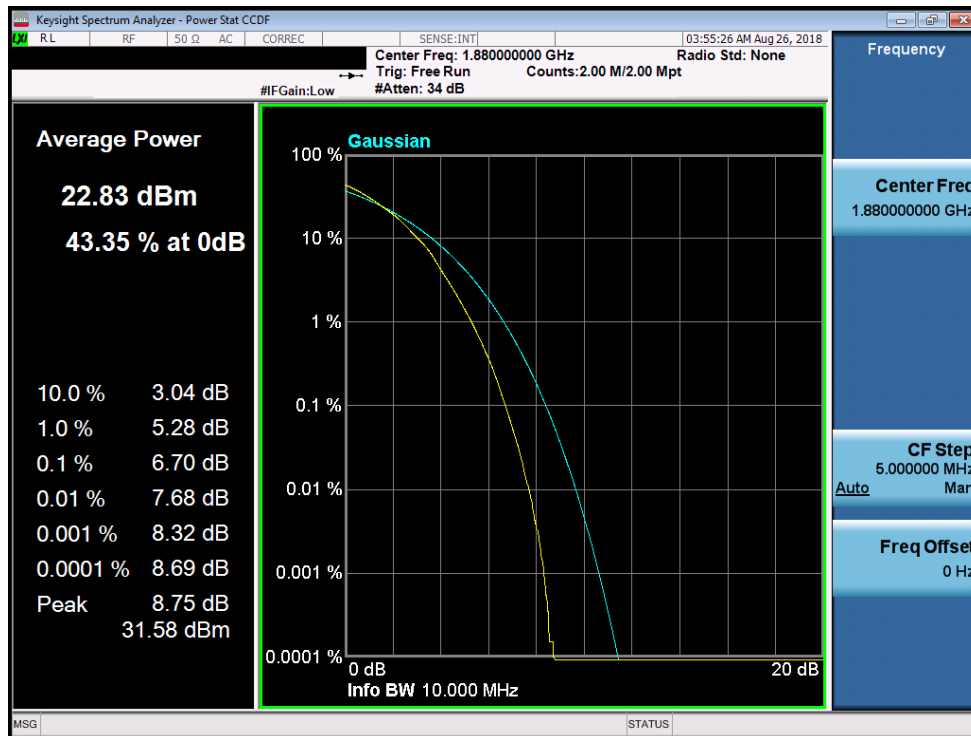


Plot 7-361. PAR Plot (Band 2 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 208 of 373

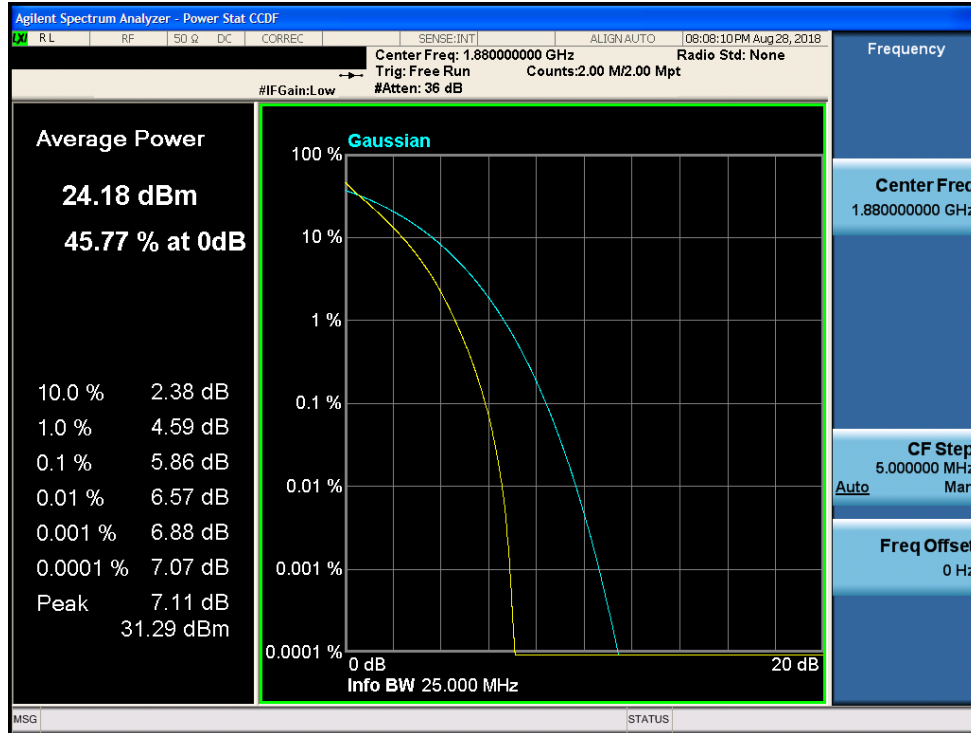


Plot 7-362. PAR Plot (Band 2 – 10.0MHz 16-QAM – RB Size 50)

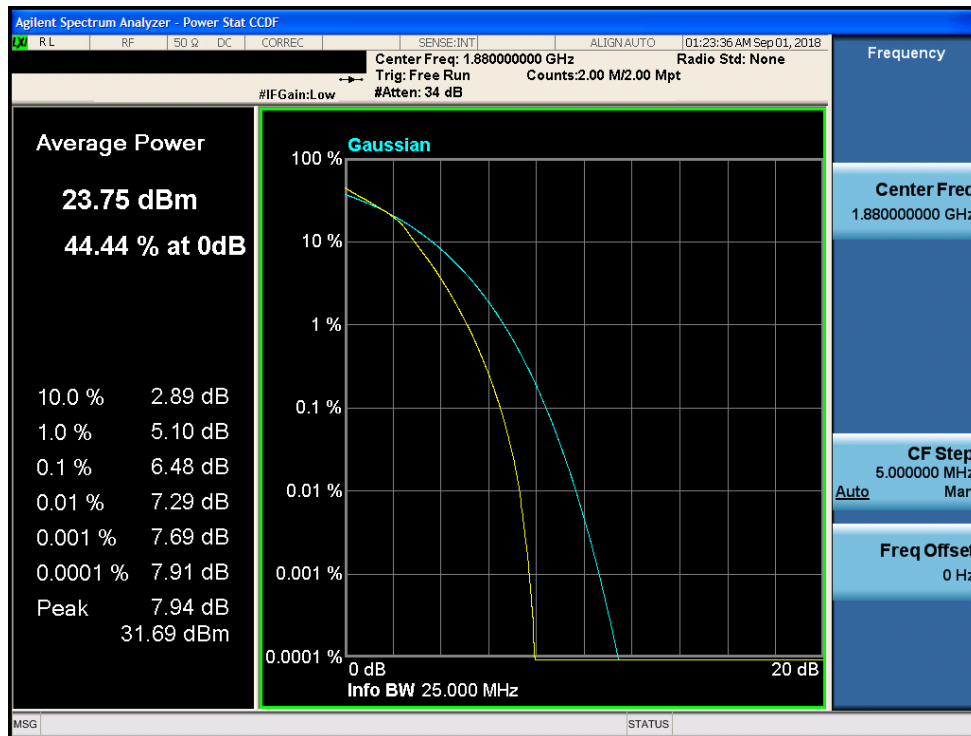


Plot 7-363. PAR Plot (Band 2 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 209 of 373

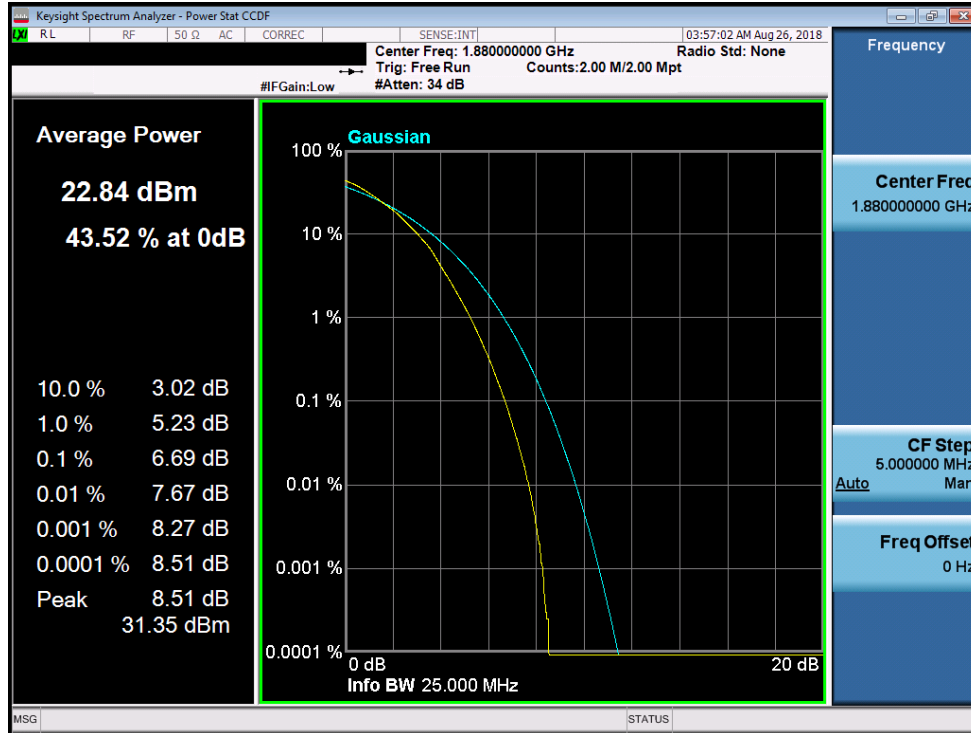


Plot 7-364. PAR Plot (Band 2 – 15.0MHz QPSK – RB Size 75)

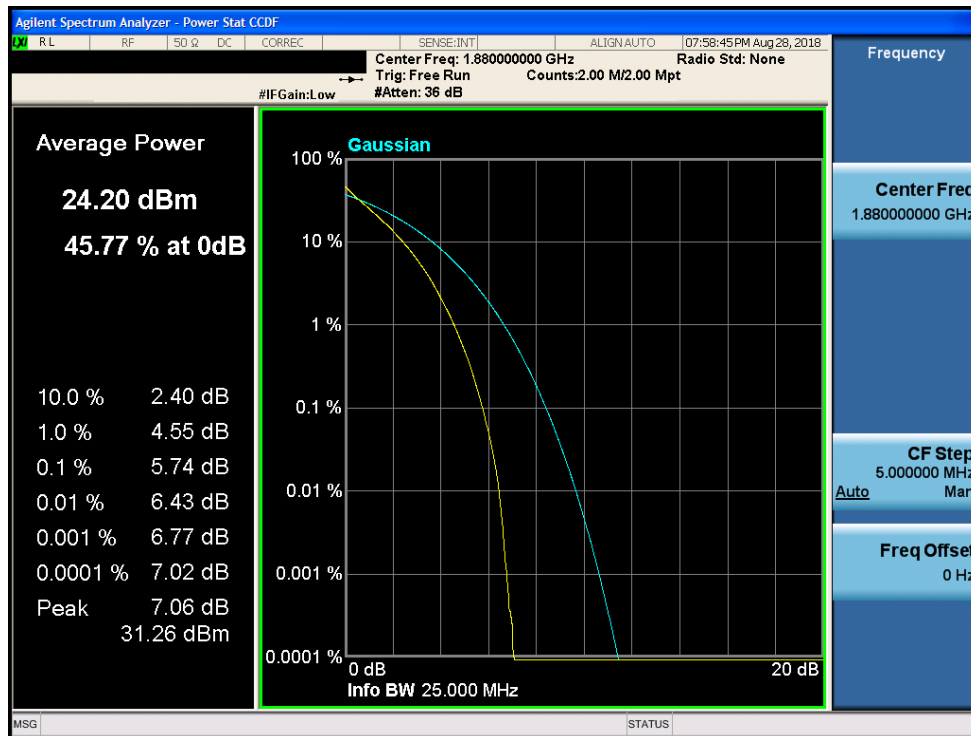


Plot 7-365. PAR Plot (Band 2 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 210 of 373

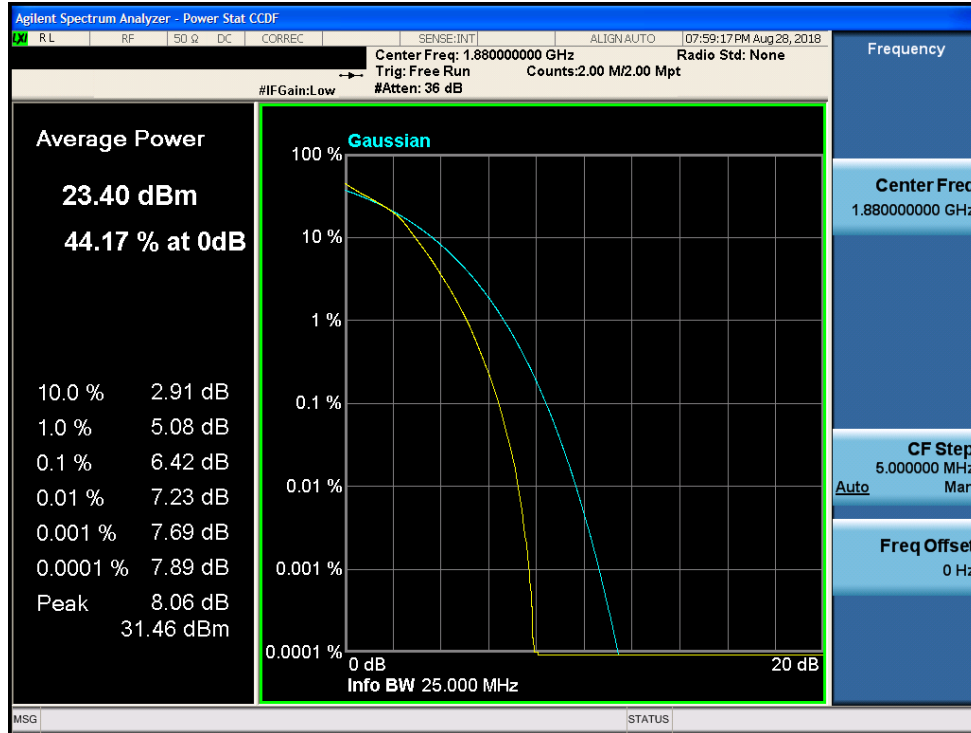


Plot 7-366. PAR Plot (Band 2 – 15.0MHz 64-QAM – RB Size 75)

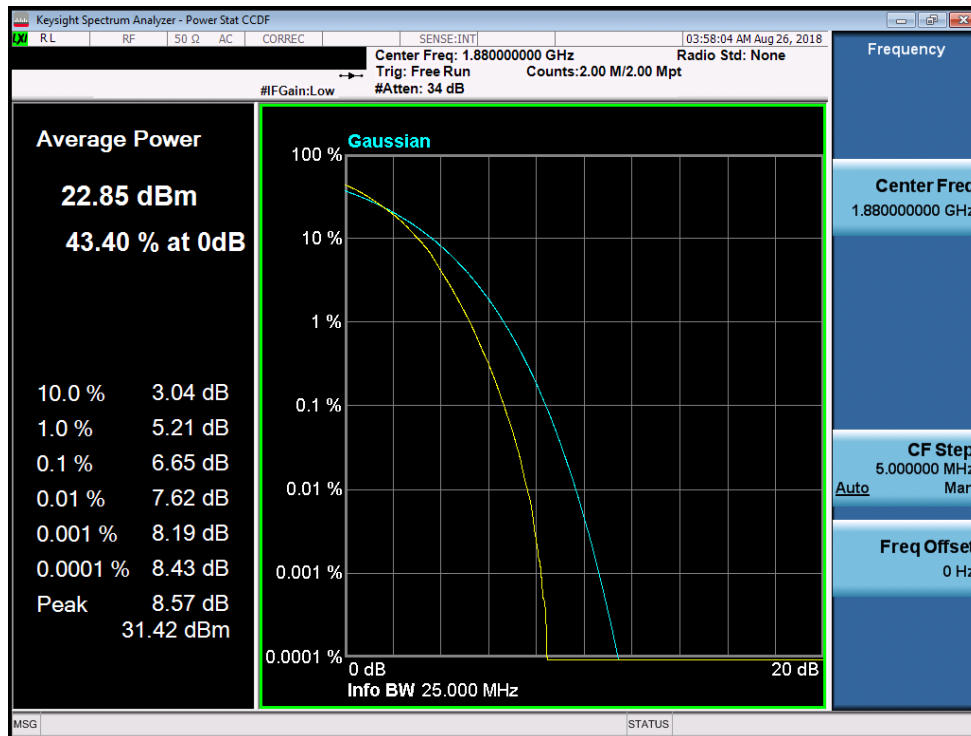


Plot 7-367. PAR Plot (Band 2 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 211 of 373



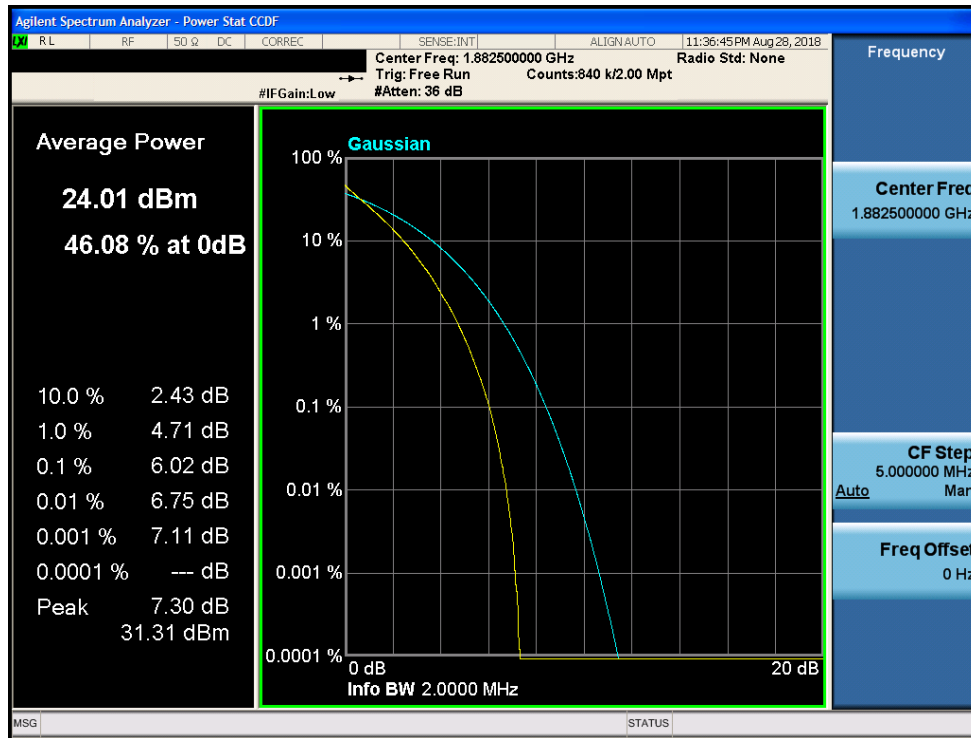
Plot 7-368. PAR Plot (Band 2 – 20.0MHz 16-QAM – RB Size 100)



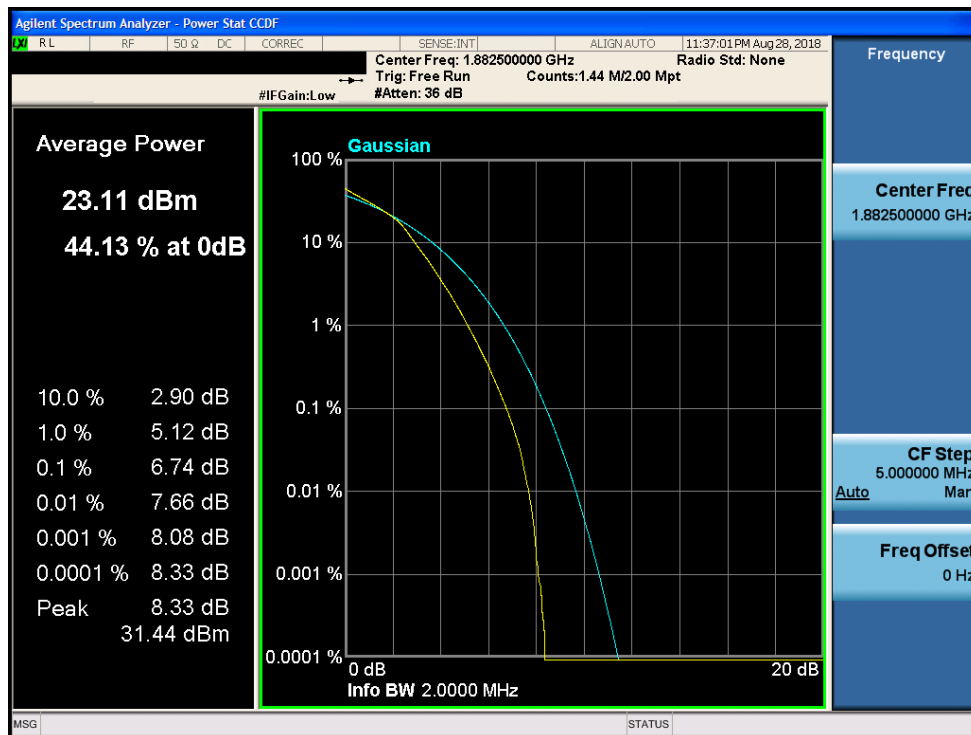
Plot 7-369. PAR Plot (Band 2 – 20.0MHz 64-QAM – RB Size 100)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 212 of 373

Band 25

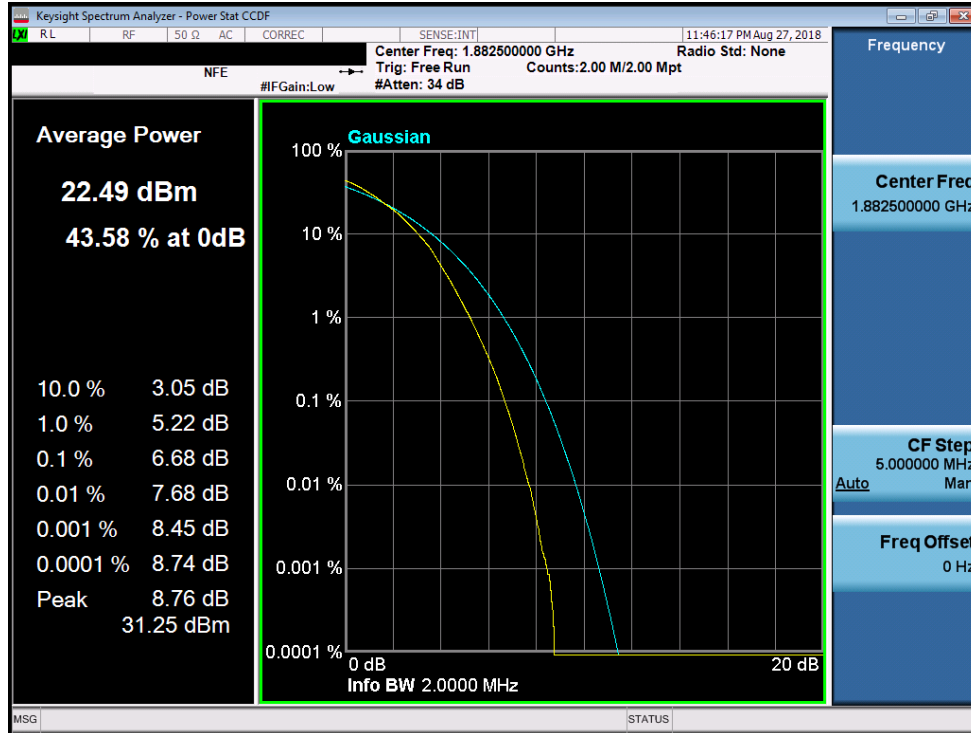


Plot 7-370. PAR Plot (Band 25 – 1.4MHz QPSK – RB Size 6)

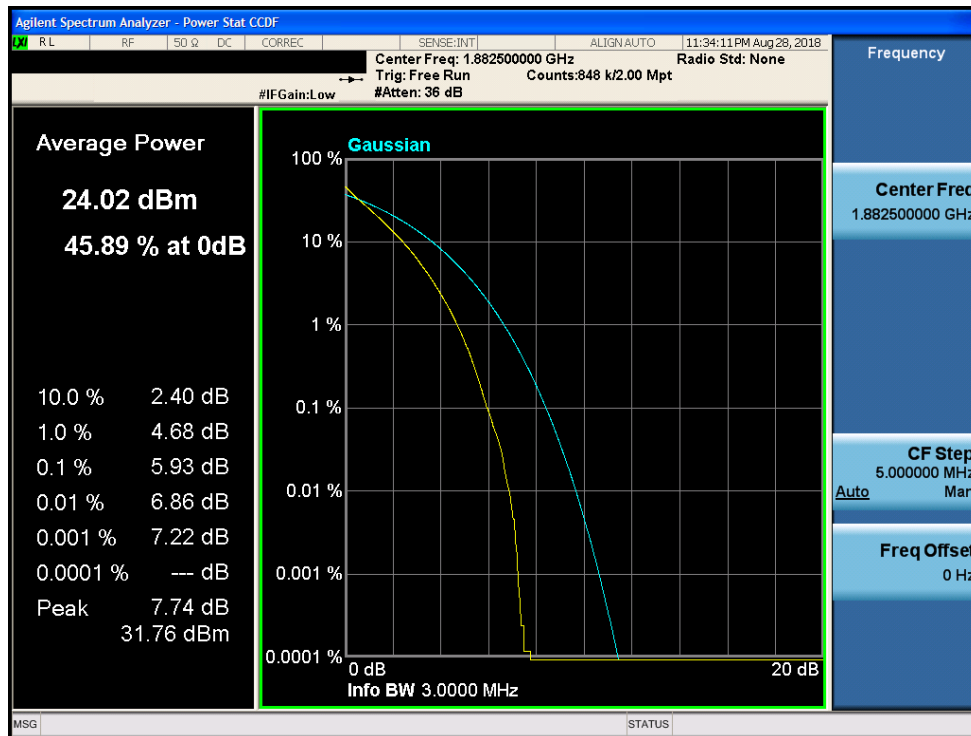


Plot 7-371. PAR Plot (Band 25 – 1.4MHz 16-QAM – RB Size 6)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 213 of 373

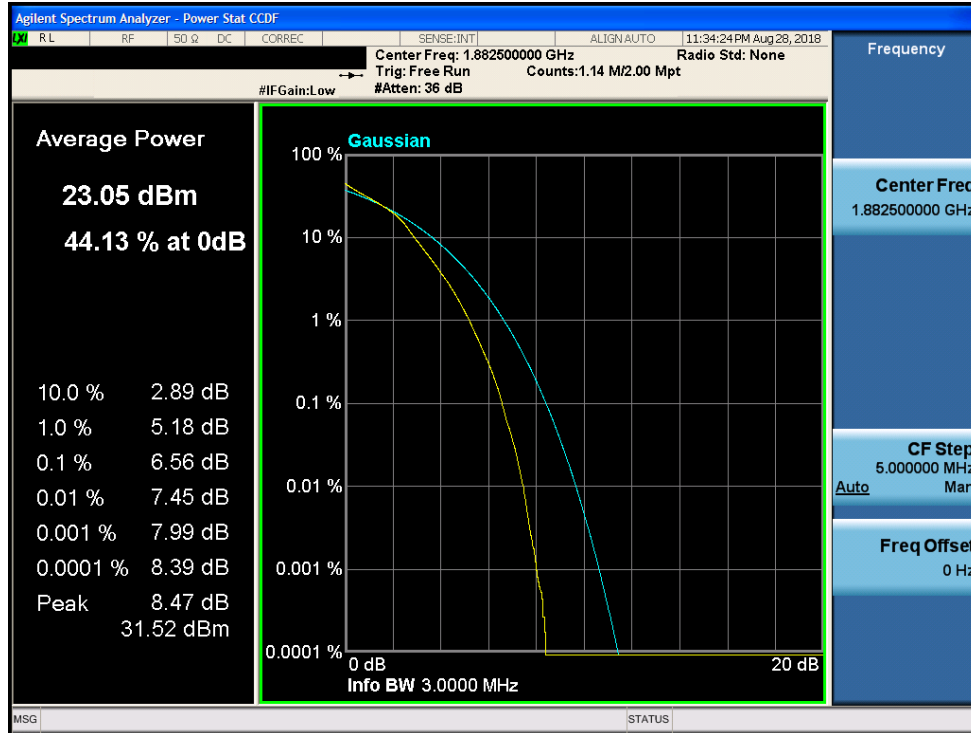


Plot 7-372. PAR Plot (Band 25 – 1.4MHz 64-QAM – RB Size 6)

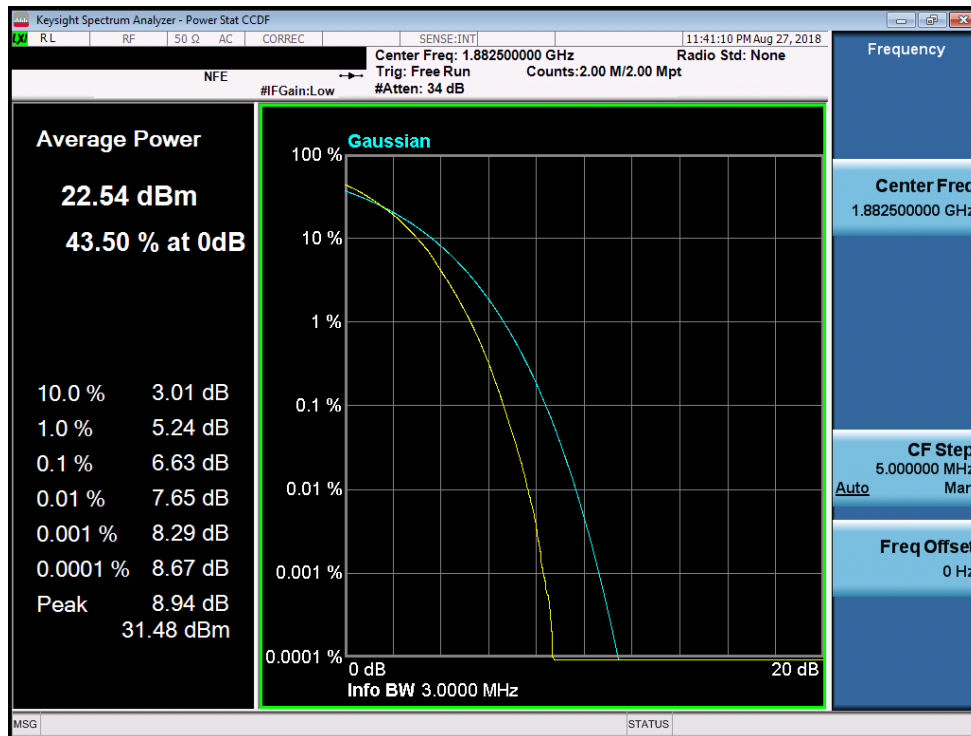


Plot 7-373. PAR Plot (Band 25 – 3.0MHz QPSK – RB Size 15)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 214 of 373

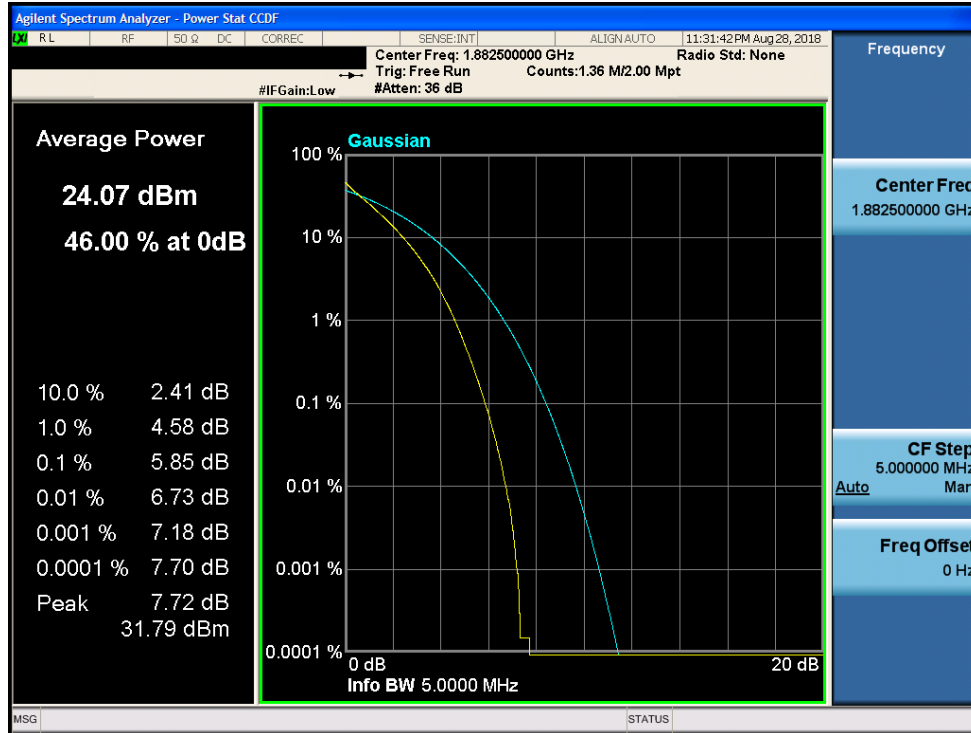


Plot 7-374. PAR Plot (Band 25 – 3.0MHz 16-QAM – RB Size 15)

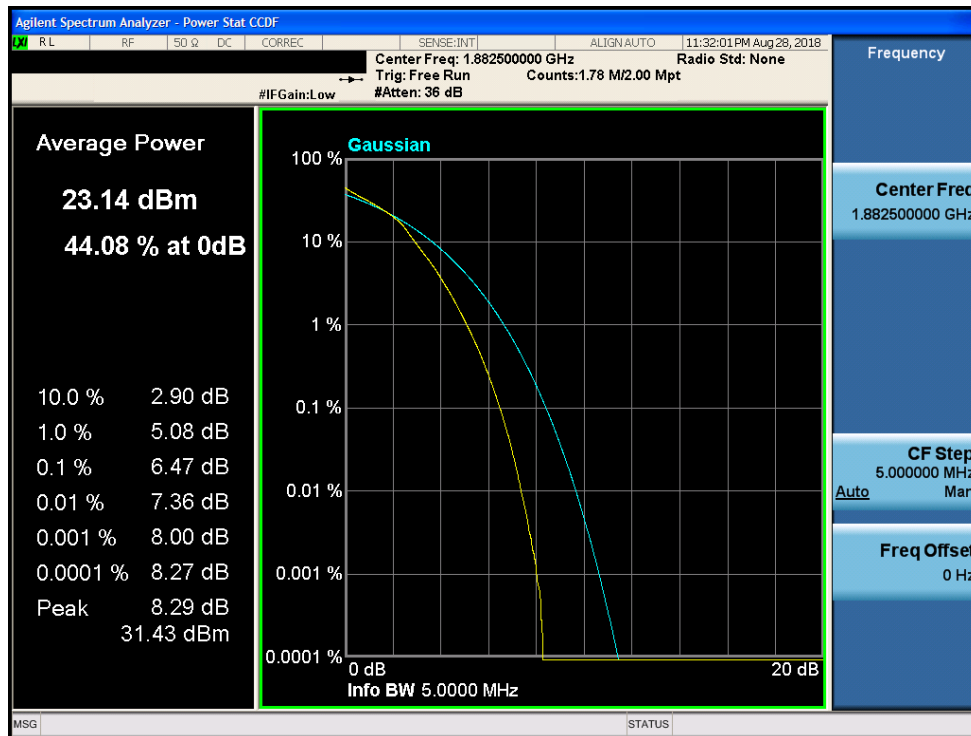


Plot 7-375. PAR Plot (Band 25 – 3.0MHz 64-QAM – RB Size 15)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 215 of 373

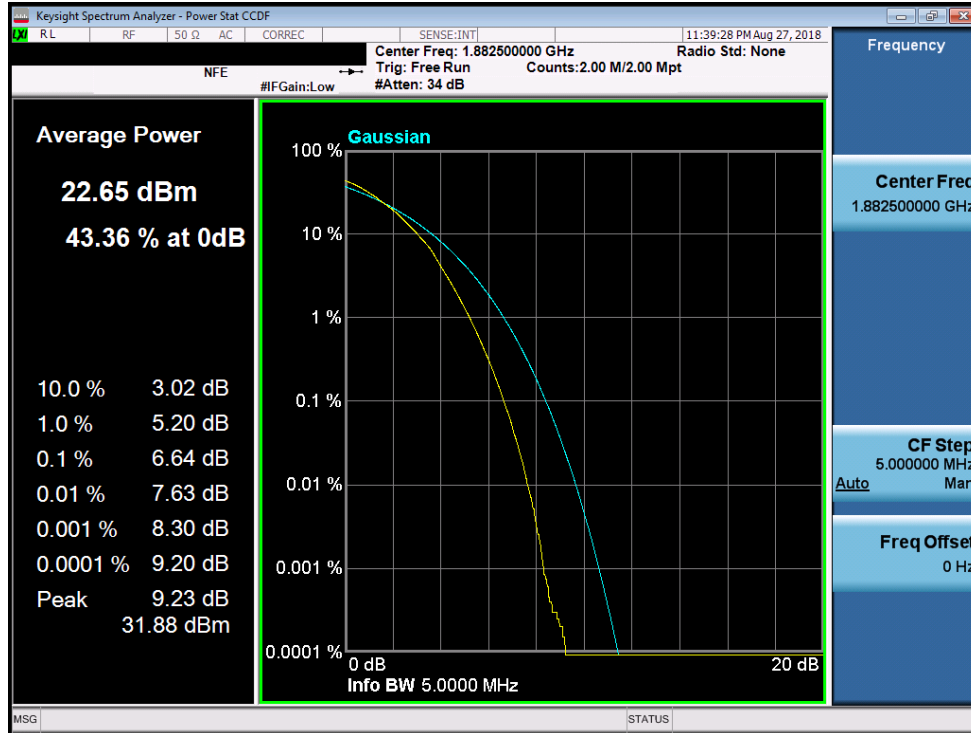


Plot 7-376. PAR Plot (Band 25 – 5.0MHz QPSK – RB Size 25)

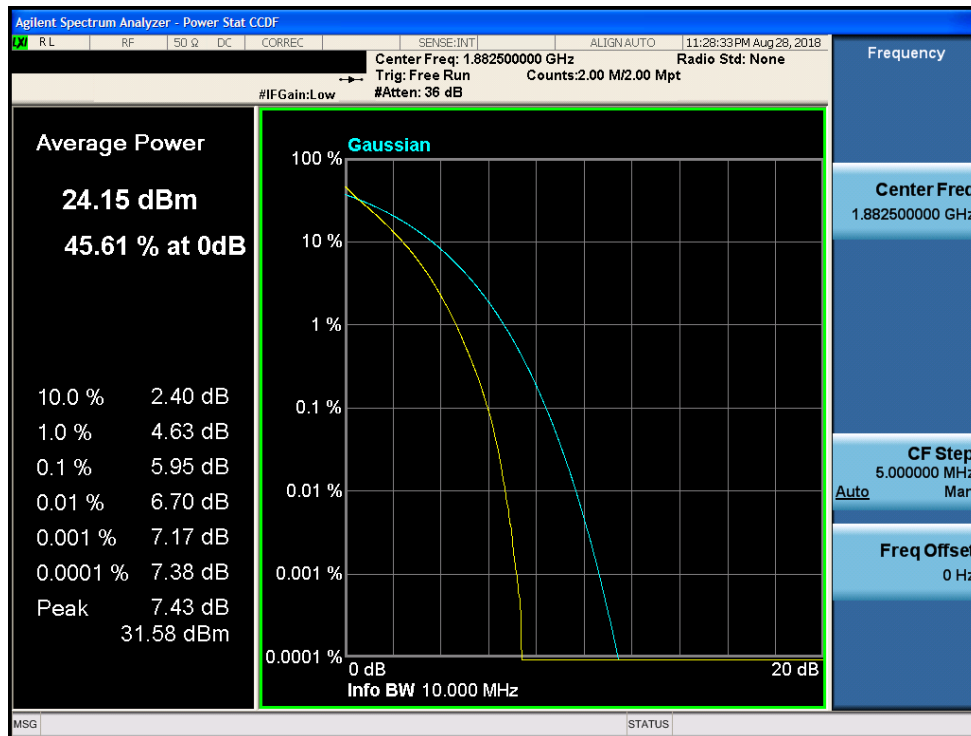


Plot 7-377. PAR Plot (Band 25 – 5.0MHz 16-QAM – RB Size 25)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 216 of 373

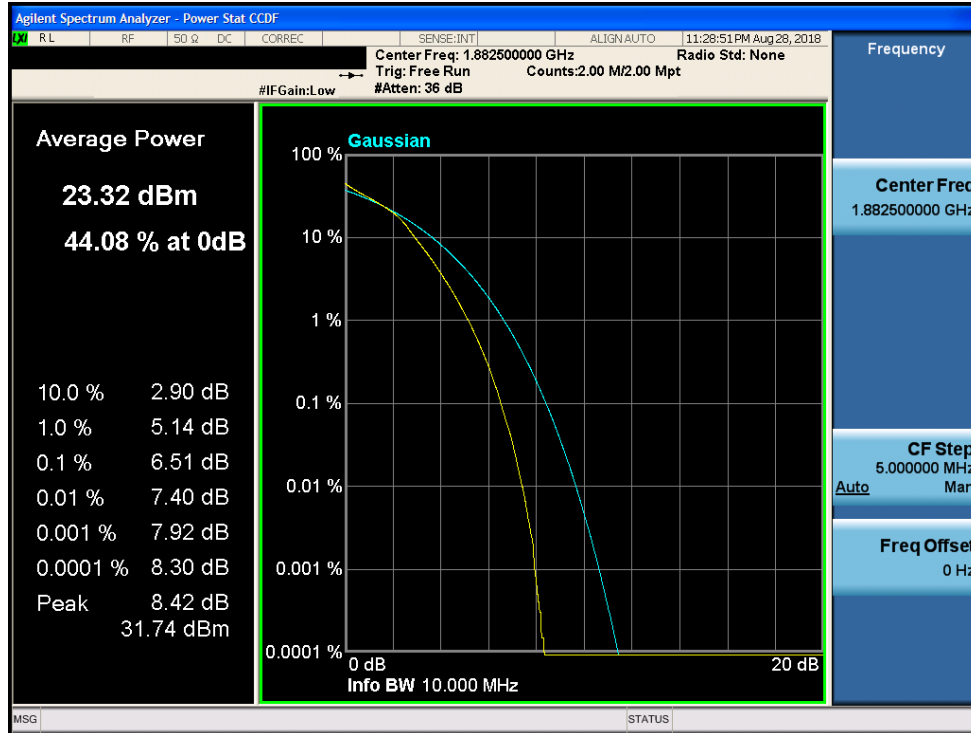


Plot 7-378. PAR Plot (Band 25 – 5.0MHz 64-QAM – RB Size 25)

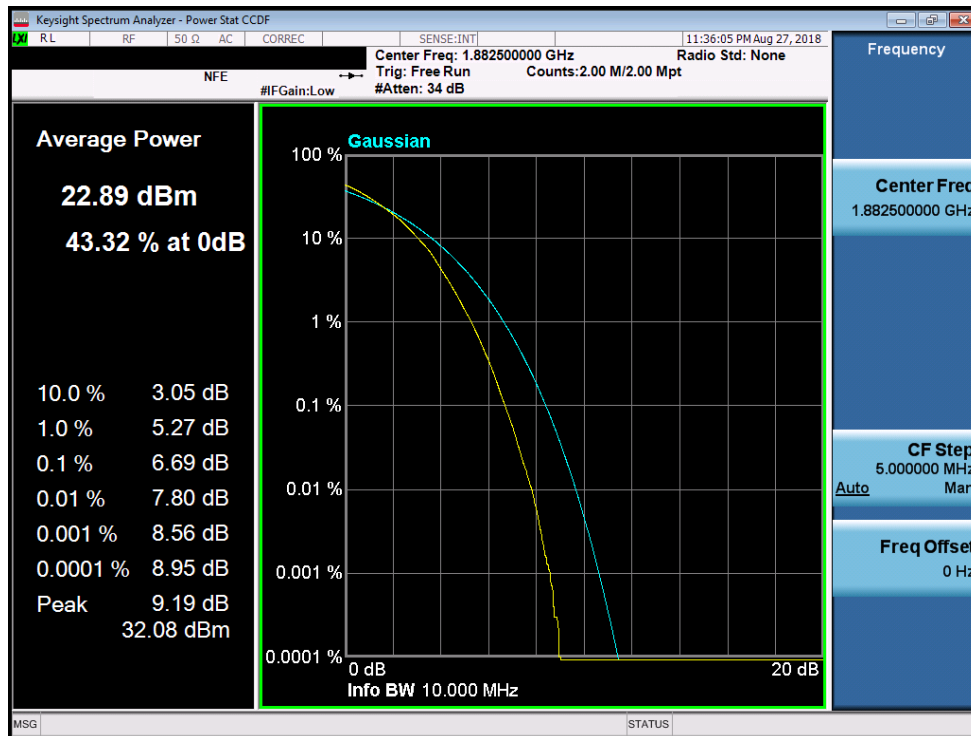


Plot 7-379. PAR Plot (Band 25 – 10.0MHz QPSK – RB Size 50)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 217 of 373

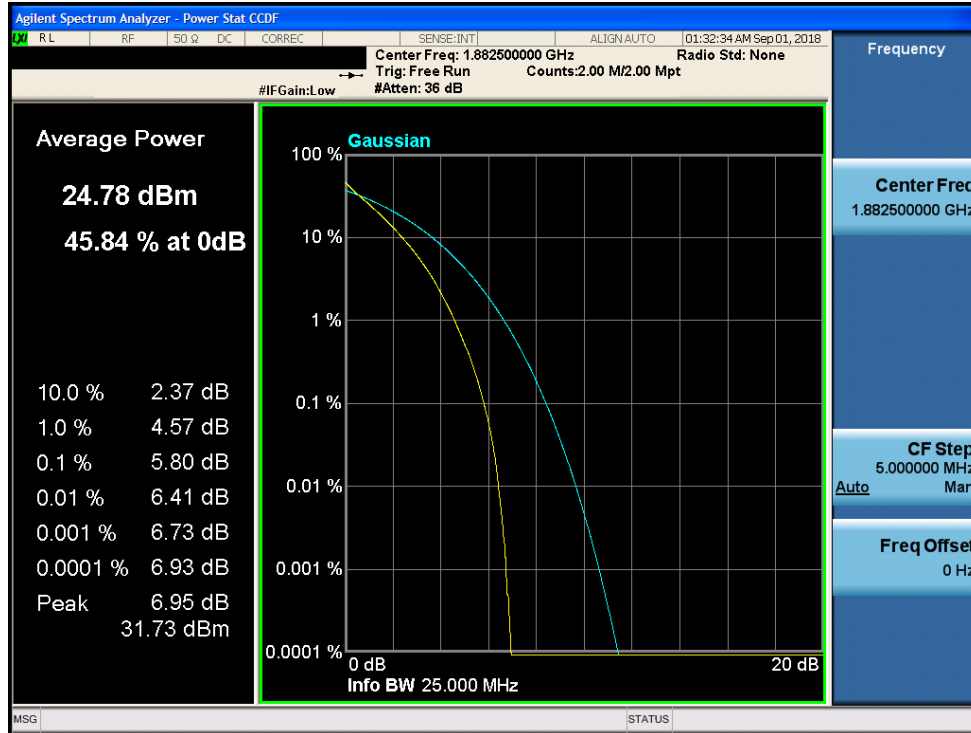


Plot 7-380. PAR Plot (Band 25 – 10.0MHz 16-QAM – RB Size 50)

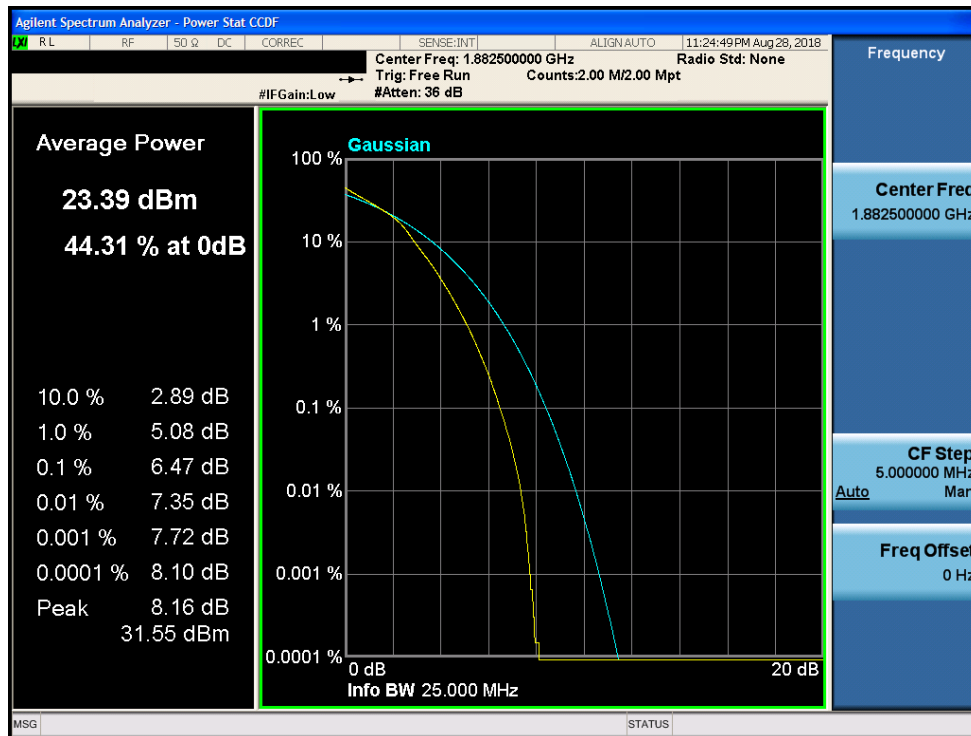


Plot 7-381. PAR Plot (Band 25 – 10.0MHz 64-QAM – RB Size 50)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 218 of 373

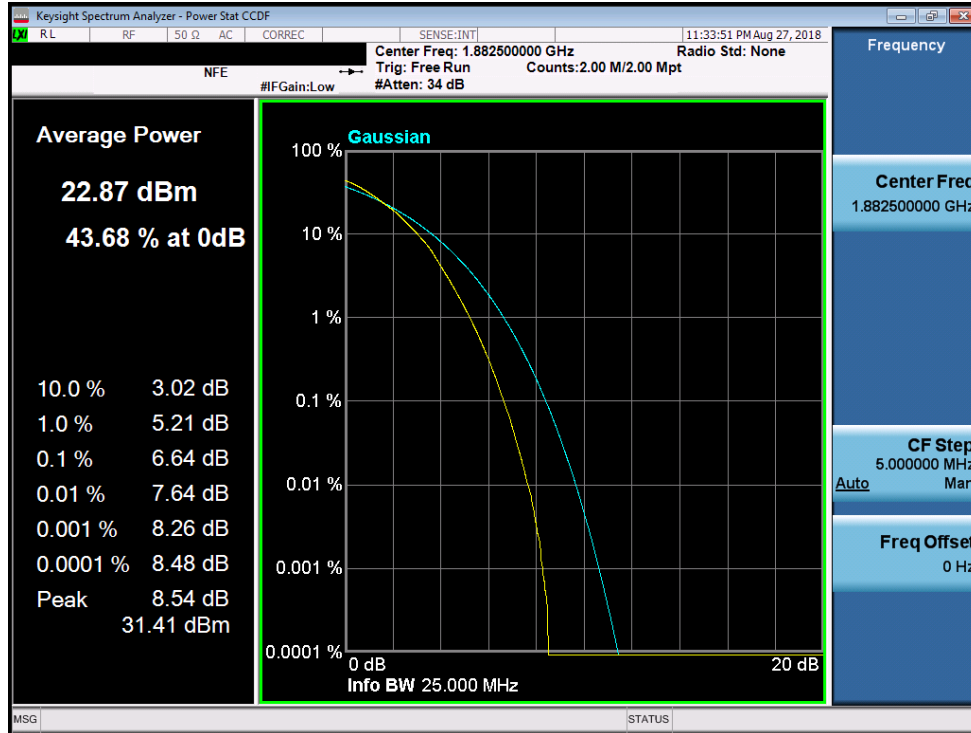


Plot 7-382. PAR Plot (Band 25 – 15.0MHz QPSK – RB Size 75)

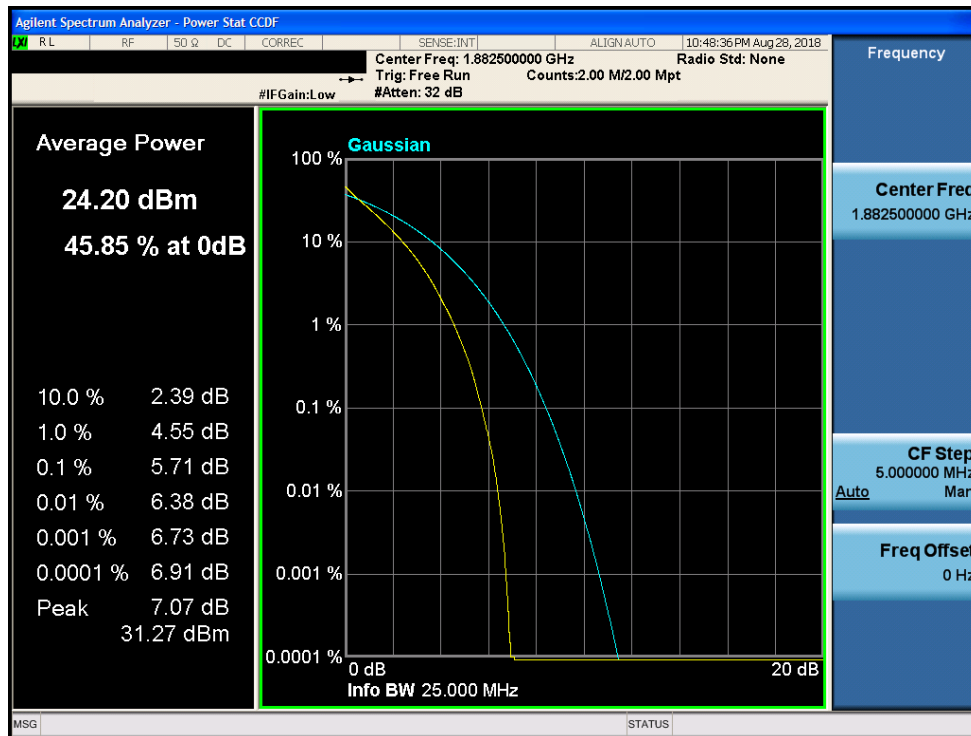


Plot 7-383. PAR Plot (Band 25 – 15.0MHz 16-QAM – RB Size 75)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 219 of 373

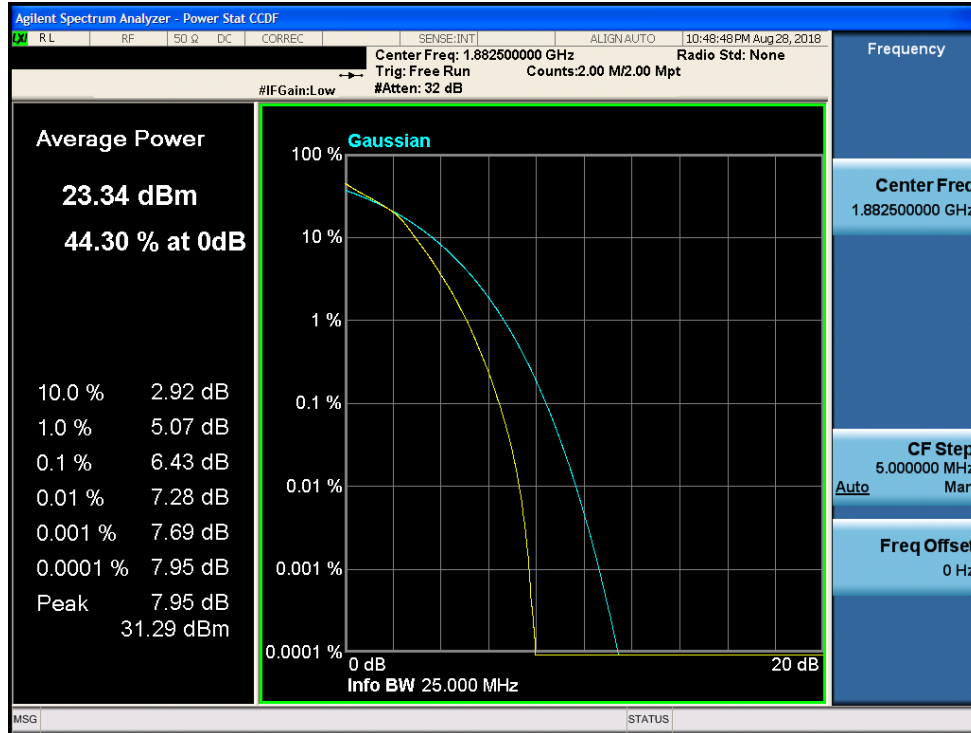


Plot 7-384. PAR Plot (Band 25 – 15.0MHz 64-QAM – RB Size 75)

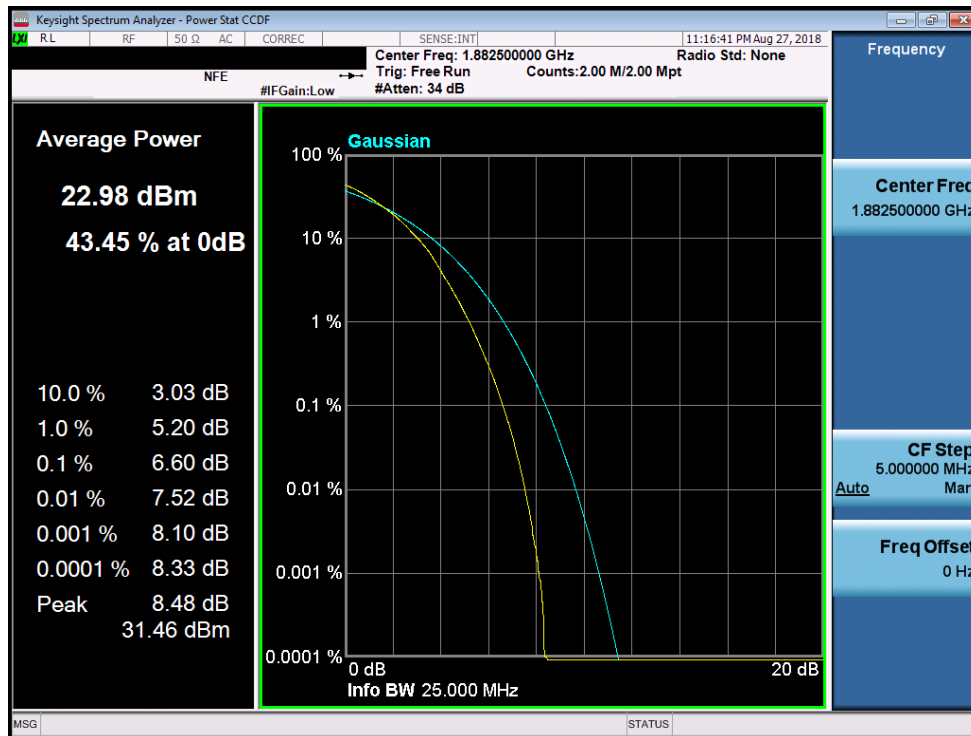


Plot 7-385. PAR Plot (Band 25 – 20.0MHz QPSK – RB Size 100)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Plot 7-386. PAR Plot (Band 25 – 20.0MHz 16-QAM – RB Size 100)



Plot 7-387. PAR Plot (Band 25 – 20.0MHz 64-QAM – RB Size 100)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 221 of 373

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 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.

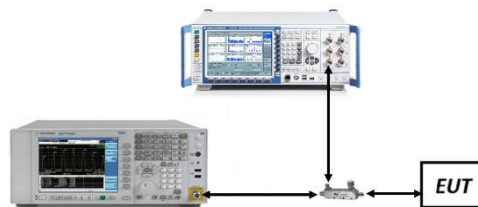


Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Test Notes

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

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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	25.17
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	25.00
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	24.73
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	25.00
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	24.50
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	24.35
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	25.00
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	25.00
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	25.00
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	24.48
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	25.00
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	25.00
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	25.00
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	25.00
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	24.34
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	24.30
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	24.13
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	24.20
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	24.27

Table 7-3. Conducted Powers (B7 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

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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	20.65
Max	LTE B7	20	20850	2510	16-QAM	1	0	LTE B7	20	21048	2529.8	16-QAM	1	0	20.80
Max	LTE B7	20	20850	2510	64-QAM	1	0	LTE B7	20	21048	2529.8	64-QAM	1	0	21.00
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	16.25
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	16.28
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	20.78
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	25.00
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	23.10
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	20.80
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	20.77

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

FCC ID: BCGA1895	 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	24.72
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	24.92
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	24.76
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	24.97
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	25.03
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	25.00
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	24.94
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	24.97
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	25.00
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	25.00
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	24.81
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	24.78
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	24.70
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	24.85
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	24.94
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	24.79
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	24.80
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	24.96
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	24.95
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	24.62
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	24.77
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	24.74
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	24.60
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	24.60
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	24.64
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	24.67
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	24.72
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	24.76

Table 7-5. Conducted Powers (B41 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA1895	 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	20.40
Max	LTE B41	20	20850	2510	16-QAM	1	0	LTE B41	20	21048	2529.8	16-QAM	1	0	20.42
Max	LTE B41	20	20850	2510	64-QAM	1	0	LTE B41	20	21048	2529.8	64-QAM	1	0	20.39
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	17.73
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	16.09
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	20.45
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	25.10
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	23.20
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	20.85
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	20.82

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

FCC ID: BCGA1895	 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	21.75
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	21.57
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	21.75
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	21.74
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	21.52
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	21.50
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	21.64
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	21.75
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	21.47
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	21.56
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	21.64
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	21.52
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	21.50
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	21.62
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	21.54
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	21.47
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	21.64
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	21.51
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	21.75
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	21.75
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	21.52

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

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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	17.50
Max	LTE B7	20	20850	2510	16-QAM	1	0	LTE B7	20	21048	2529.8	16-QAM	1	0	17.57
Max	LTE B7	20	20850	2510	64-QAM	1	0	LTE B7	20	21048	2529.8	64-QAM	1	0	17.70
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	12.95
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	12.57
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	17.45
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	22.20
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	17.60
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	17.57

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

FCC ID: BCGA1895	 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	21.40
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	21.70
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	21.59
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	21.75
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	21.75
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	22.12
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	21.75
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	21.74
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	21.75
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	21.75
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	21.65
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	21.75
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	21.63
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	21.70
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	21.75
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	21.75
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	21.72
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	21.75
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	21.75
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	21.75
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	21.60
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	21.65
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	21.70
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	21.67
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	21.56
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	21.75
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	21.30
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	21.57
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	21.73
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	21.75

Table 7-9. Conducted Powers (B41 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 230 of 373

Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	0	17.12
Max	LTE B41	20	39750	2506	16-QAM	1	0	LTE B41	20	39988	2529.8	16-QAM	1	0	17.10
Max	LTE B41	20	39750	2506	64-QAM	1	0	LTE B41	20	39988	2529.8	64-QAM	1	0	17.09
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	14.40
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	12.58
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	17.10
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	21.80
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	19.76
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	17.55
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	17.53

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

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 231 of 373

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	23.40
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	23.50
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	23.35
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	23.32
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	23.26
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	23.28
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	23.38
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	23.50
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	23.49
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	23.50
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	23.39
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	23.50
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	23.44
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	23.50
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	23.28
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	23.50
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	23.50
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	23.33
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	23.50
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	23.32
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 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 232 of 373

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	19.42
Max	LTE B7	20	20850	2510	16-QAM	1	0	LTE B7	20	21048	2529.8	16-QAM	1	0	19.38
Max	LTE B7	20	20850	2510	64-QAM	1	0	LTE B7	20	21048	2529.8	64-QAM	1	0	19.50
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	14.88
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	14.81
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	19.34
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	24.10
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	21.62
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	19.40
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	19.39

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

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 233 of 373

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	23.05
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	23.40
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	23.50
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	23.50
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	23.50
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	23.50
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	23.50
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	23.50
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	23.50
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	23.50
Max	LTE B41	5	40620	2593	QPSK	1	24	LTE B41	20	40737	2604.7	QPSK	1	0	23.23
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	23.35
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	23.37
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	23.45
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	23.50
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	23.50
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	23.43
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	23.41
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	23.50
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	23.50
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	23.15
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	23.27
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	23.30
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	10	41395	2670.5	QPSK	1	49	23.12
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	15	41365	2667.5	QPSK	1	74	23.15
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	23.48
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	23.26
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	23.37
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	23.30
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	23.40

Table 7-13. Conducted Powers (B41 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 234 of 373

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	18.65
Max	LTE B41	20	39750	2506	16-QAM	1	0	LTE B41	20	39988	2529.8	16-QAM	1	0	18.67
Max	LTE B41	20	39750	2506	64-QAM	1	0	LTE B41	20	39988	2529.8	64-QAM	1	0	18.63
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	16.15
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	14.57
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	18.90
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	23.72
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	21.97
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	19.40
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	19.30

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

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 235 of 373

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	21.75
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	10	20945	2519.5	QPSK	1	0	21.57
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	15	20975	2522.5	QPSK	1	0	21.75
Max	LTE B7	15	20825	2507.5	QPSK	1	74	LTE B7	20	20996	2524.6	QPSK	1	0	21.74
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	10	20994	2524.4	QPSK	1	0	21.52
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	15	21021	2527.1	QPSK	1	0	21.50
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	21.64
Max	LTE B7	10	21100	2535	QPSK	1	49	LTE B7	20	21244	2549.4	QPSK	1	0	21.75
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	10	21220	2547	QPSK	1	0	21.47
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	15	21250	2550	QPSK	1	0	21.56
Max	LTE B7	15	21100	2535	QPSK	1	74	LTE B7	20	21271	2552.1	QPSK	1	0	21.64
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	10	21244	2549.4	QPSK	1	0	21.52
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	15	21271	2552.1	QPSK	1	0	21.50
Max	LTE B7	20	21100	2535	QPSK	1	99	LTE B7	20	21298	2554.8	QPSK	1	0	21.62
Max	LTE B7	10	21400	2565	QPSK	1	0	LTE B7	20	21256	2550.6	QPSK	1	99	21.54
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	10	21255	2550.5	QPSK	1	49	21.47
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	15	21225	2547.5	QPSK	1	74	21.64
Max	LTE B7	15	21375	2562.5	QPSK	1	0	LTE B7	20	21204	2545.4	QPSK	1	99	21.51
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	10	21206	2545.6	QPSK	1	49	21.75
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	15	21179	2542.9	QPSK	1	74	21.75
Max	LTE B7	20	21350	2560	QPSK	1	0	LTE B7	20	21152	2540.2	QPSK	1	99	21.52

Table 7-15. Conducted Powers (B7 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 236 of 373

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	17.16
Max	LTE B7	20	20850	2510	16-QAM	1	0	LTE B7	20	21048	2529.8	16-QAM	1	0	17.50
Max	LTE B7	20	20850	2510	64-QAM	1	0	LTE B7	20	21048	2529.8	64-QAM	1	0	17.45
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	99	12.71
Max	LTE B7	20	20850	2510	QPSK	1	0	LTE B7	20	21048	2529.8	QPSK	1	99	12.75
Max	LTE B7	20	20850	2510	QPSK	1	50	LTE B7	20	21048	2529.8	QPSK	1	50	17.16
Max	LTE B7	20	20850	2510	QPSK	1	99	LTE B7	20	21048	2529.8	QPSK	1	0	22.03
Max	LTE B7	20	20850	2510	QPSK	100	0	LTE B7	20	21048	2529.8	QPSK	100	0	19.61
Max	LTE B7	20	20850	2510	16-QAM	100	0	LTE B7	20	21048	2529.8	16-QAM	100	0	17.36
Max	LTE B7	20	20850	2510	64-QAM	100	0	LTE B7	20	21048	2529.8	64-QAM	100	0	17.28

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

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 237 of 373

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	21.05
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	15	39820	2513	QPSK	1	0	21.34
Max	LTE B41	10	39700	2501	QPSK	1	49	LTE B41	20	39844	2515.4	QPSK	1	0	21.11
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	10	39845	2515.5	QPSK	1	0	21.35
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	15	39875	2518.5	QPSK	1	0	21.36
Max	LTE B41	15	39725	2503.5	QPSK	1	74	LTE B41	20	39896	2520.6	QPSK	1	0	21.50
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	5	39867	2517.7	QPSK	1	0	21.35
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	10	39894	2520.4	QPSK	1	0	21.43
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	15	39921	2523.1	QPSK	1	0	21.47
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	21.02
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	15	40740	2605	QPSK	1	0	21.18
Max	LTE B41	10	40620	2593	QPSK	1	49	LTE B41	20	40764	2607.4	QPSK	1	0	21.21
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	10	40740	2605	QPSK	1	0	21.22
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	15	40770	2608	QPSK	1	0	21.25
Max	LTE B41	15	40620	2593	QPSK	1	74	LTE B41	20	40791	2610.1	QPSK	1	0	21.50
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	5	40737	2604.7	QPSK	1	0	21.30
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	10	40764	2607.4	QPSK	1	0	21.30
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	15	40791	2610.1	QPSK	1	0	21.40
Max	LTE B41	20	40620	2593	QPSK	1	99	LTE B41	20	40818	2612.8	QPSK	1	0	21.43
Max	LTE B41	5	41565	2687.5	QPSK	1	0	LTE B41	20	41448	2675.8	QPSK	1	99	21.17
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	15	41420	2673	QPSK	1	74	21.15
Max	LTE B41	10	41540	2685	QPSK	1	0	LTE B41	20	41396	2670.6	QPSK	1	99	21.10
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	21.18
Max	LTE B41	15	41515	2682.5	QPSK	1	0	LTE B41	20	41344	2665.4	QPSK	1	99	21.30
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	5	41373	2668.3	QPSK	1	24	21.23
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	10	41346	2665.6	QPSK	1	49	21.15
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	15	41319	2662.9	QPSK	1	74	21.04
Max	LTE B41	20	41490	2680	QPSK	1	0	LTE B41	20	41292	2660.2	QPSK	1	99	21.20

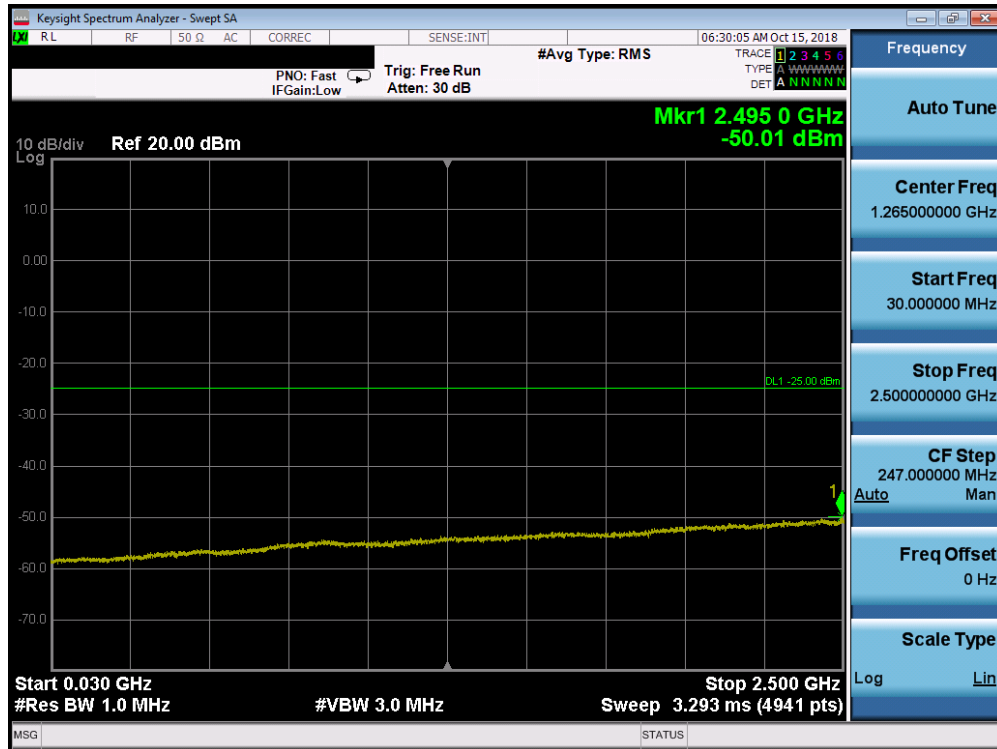
Table 7-17. Conducted Powers (B41 – PCC: RB Size 1 Offset Max SCC: RB Size 1 Offset 0)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 238 of 373

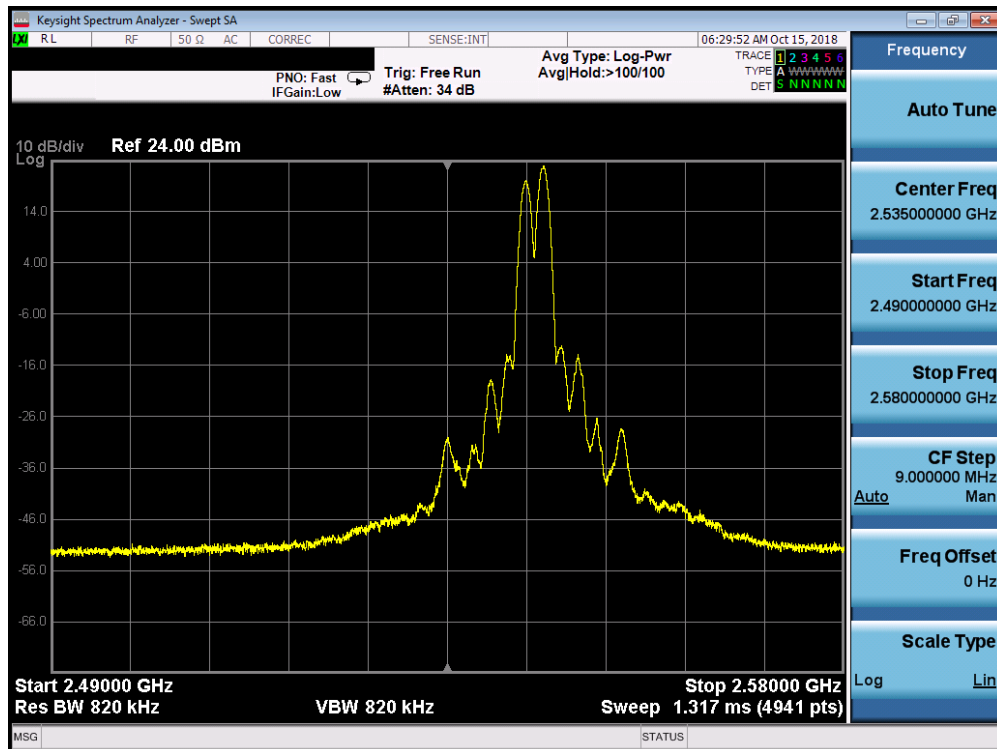
Power State	PCC							SCC							Power
	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ULCA Tx.Power (dBm)
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	0	21.46
Max	LTE B41	20	20850	2510	16-QAM	1	0	LTE B41	20	21048	2529.8	16-QAM	1	0	20.43
Max	LTE B41	20	20850	2510	64-QAM	1	0	LTE B41	20	21048	2529.8	64-QAM	1	0	19.53
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	99	14.03
Max	LTE B41	20	39750	2506	QPSK	1	0	LTE B41	20	39948	2525.8	QPSK	1	99	12.51
Max	LTE B41	20	39750	2506	QPSK	1	50	LTE B41	20	39948	2525.8	QPSK	1	50	16.69
Max	LTE B41	20	39750	2506	QPSK	1	99	LTE B41	20	39948	2525.8	QPSK	1	0	21.45
Max	LTE B41	20	39750	2506	QPSK	100	0	LTE B41	20	39948	2525.8	QPSK	100	0	19.54
Max	LTE B41	20	39750	2506	16-QAM	100	0	LTE B41	20	39948	2525.8	16-QAM	100	0	17.13
Max	LTE B41	20	39750	2506	64-QAM	100	0	LTE B41	20	39948	2525.8	64-QAM	100	0	17.07

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

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 239 of 373



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

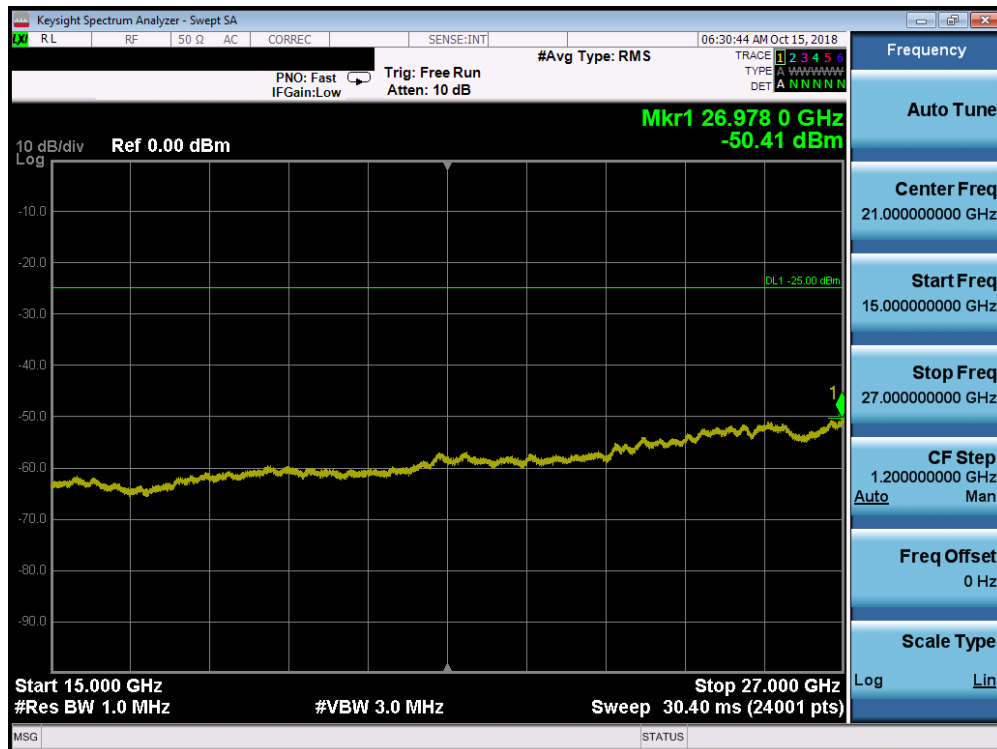


Plot 7-389. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 240 of 373

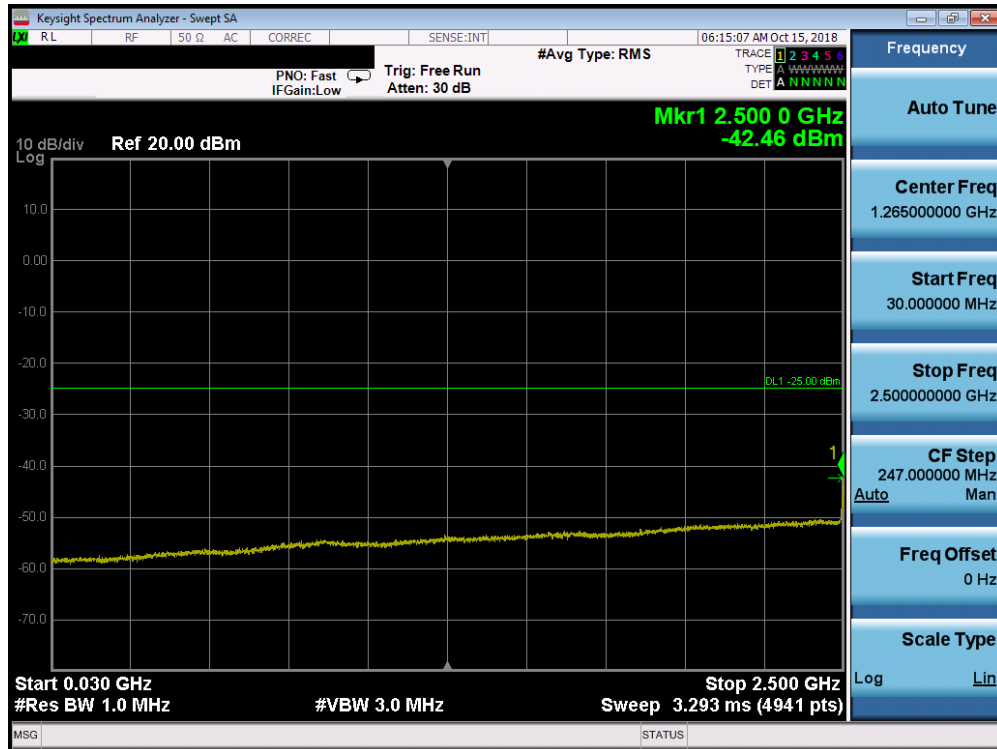


Plot 7-390. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

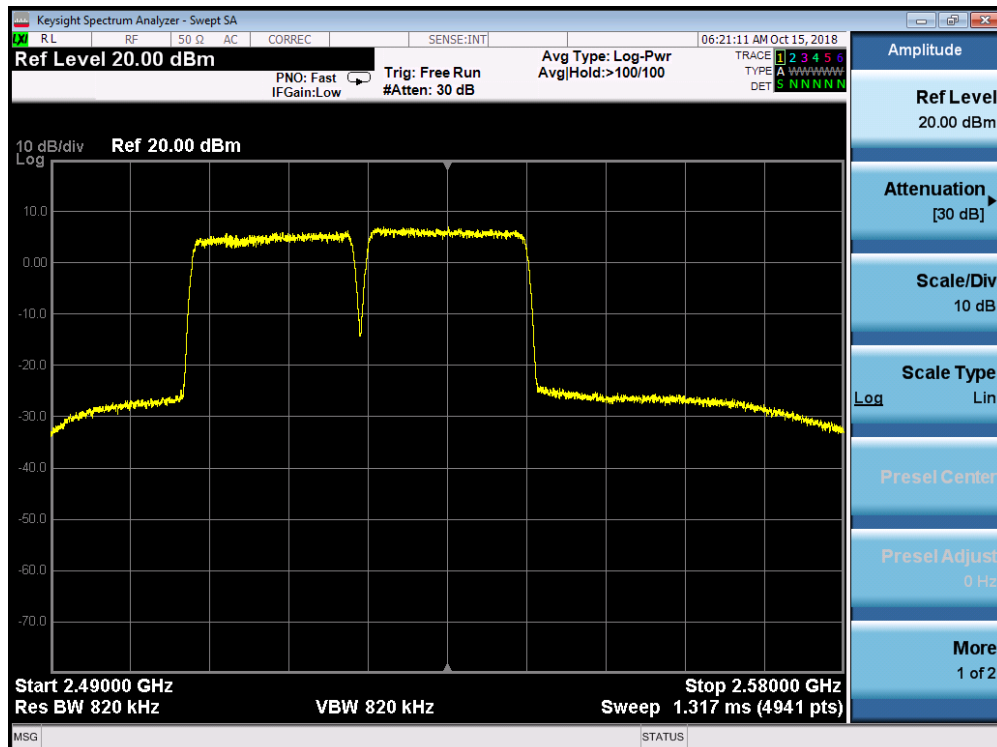


Plot 7-391. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 241 of 373



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

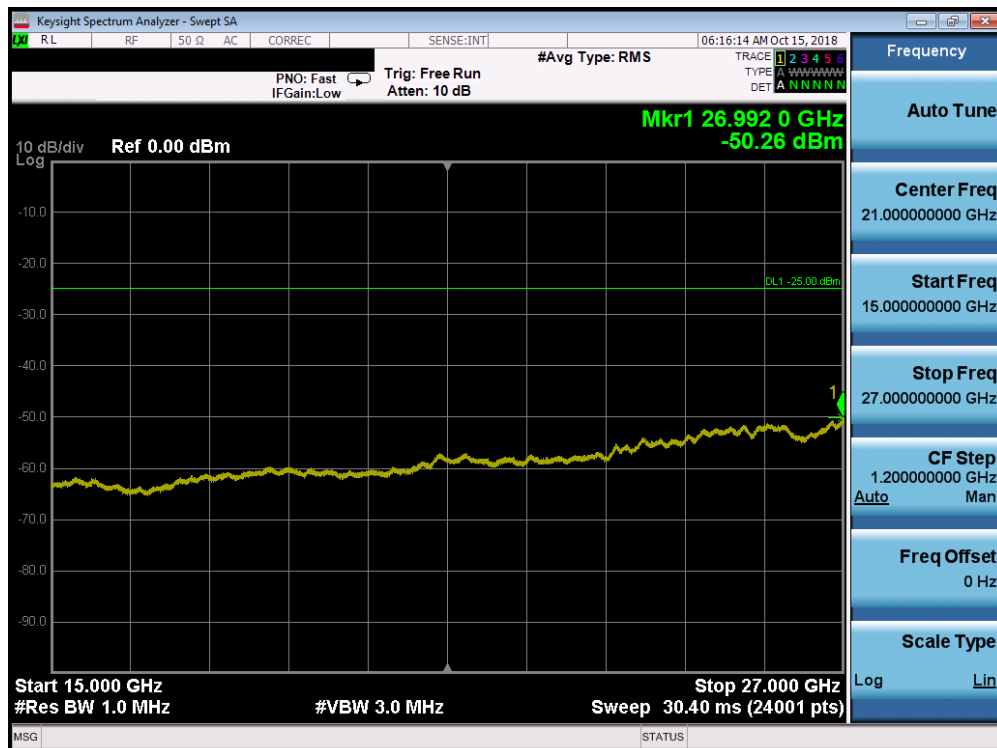


Plot 7-393. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 242 of 373

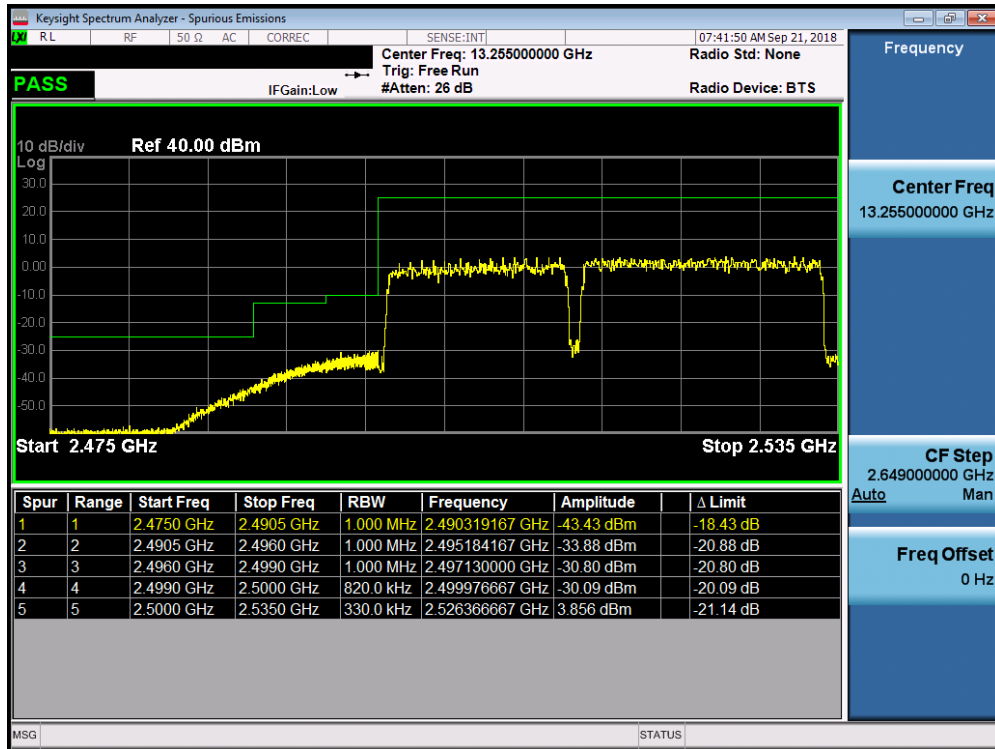


Plot 7-394. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

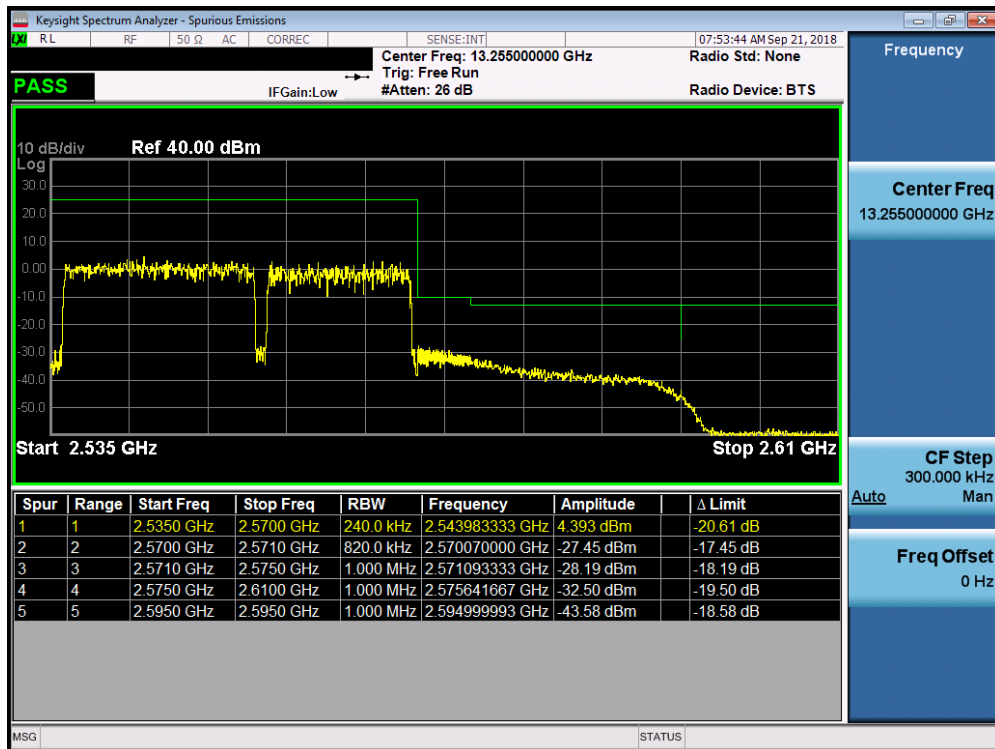


Plot 7-395. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 243 of 373

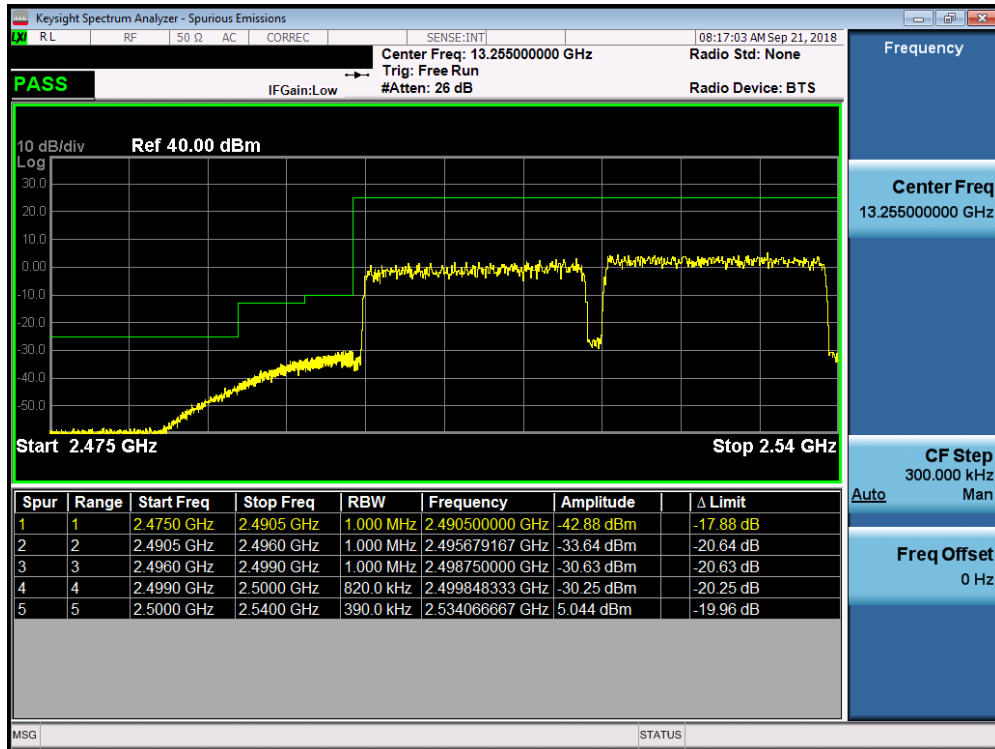


Plot 7-396. Lower ACP Plot (Band 7 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

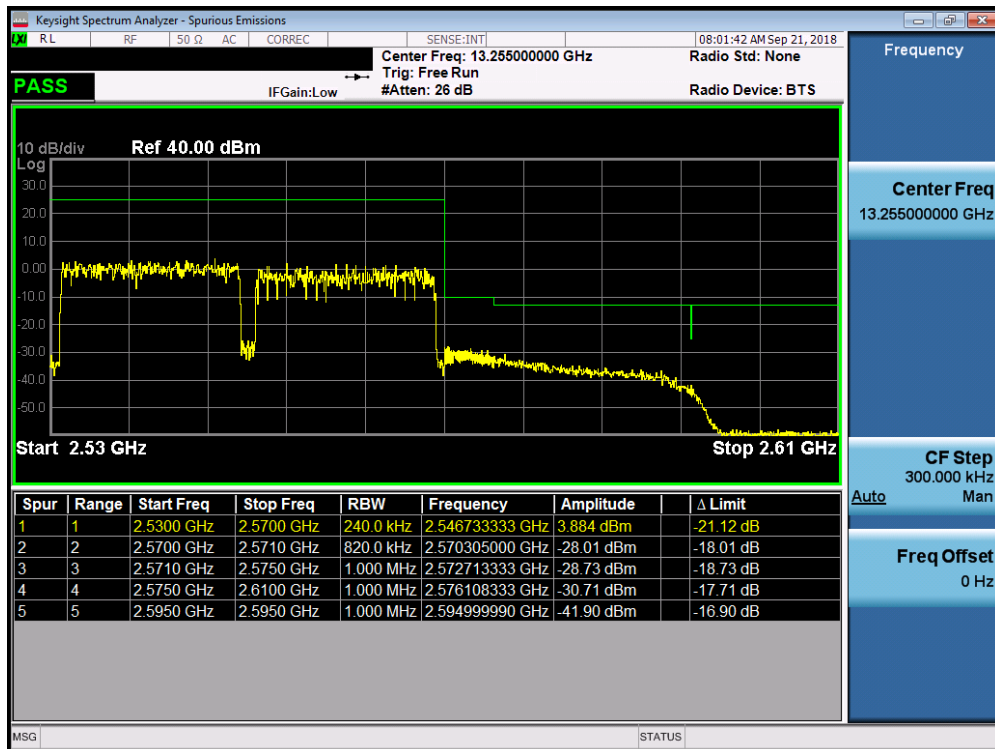


Plot 7-397. Upper ACP Plot (Band 7 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 244 of 373

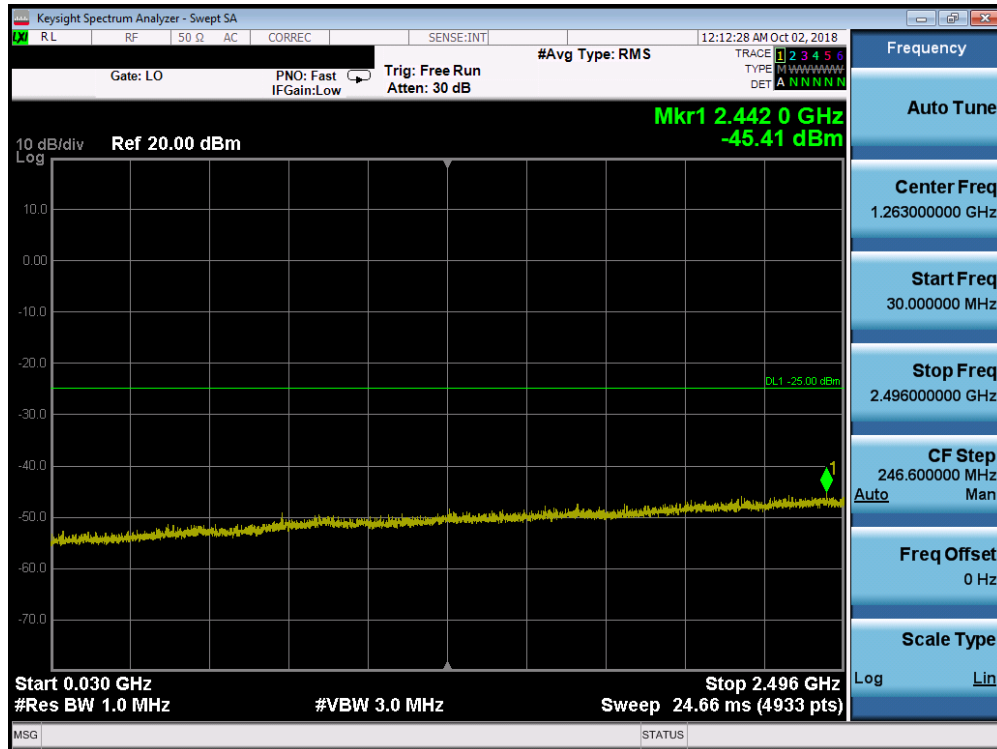


Plot 7-398. Lower ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

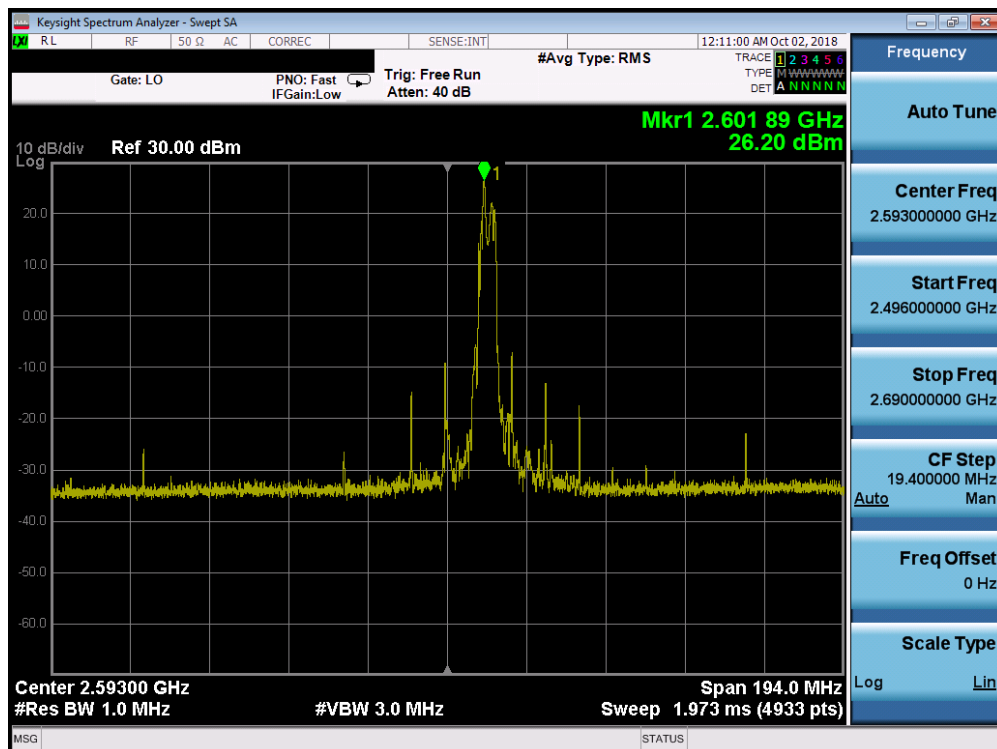


Plot 7-399. Upper ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 245 of 373

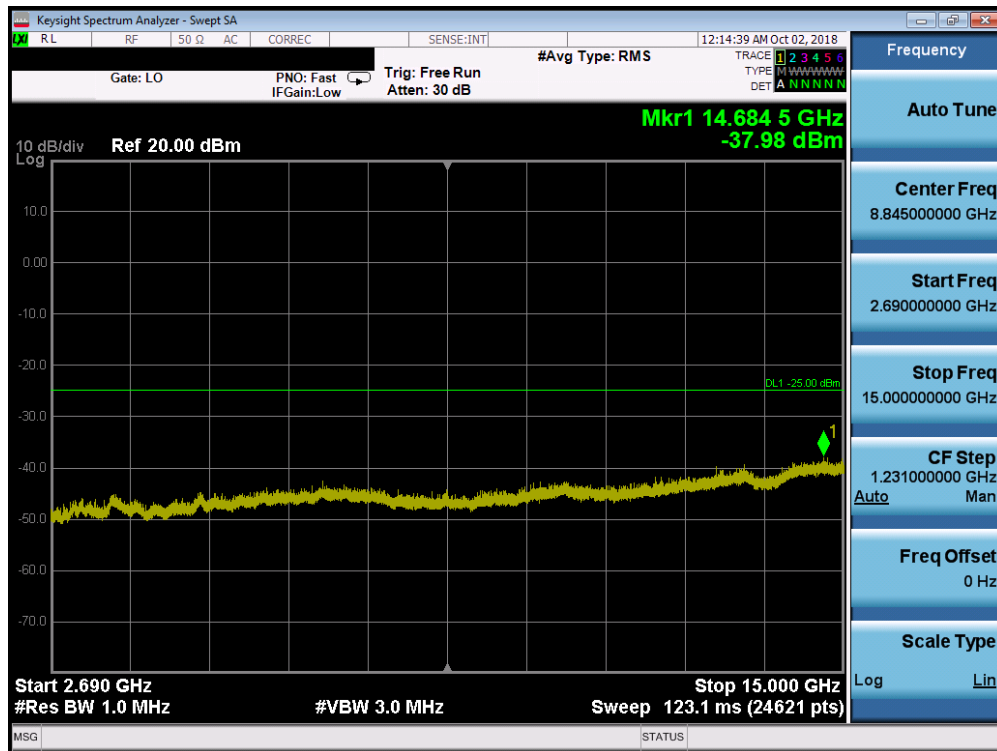


Plot 7-400. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

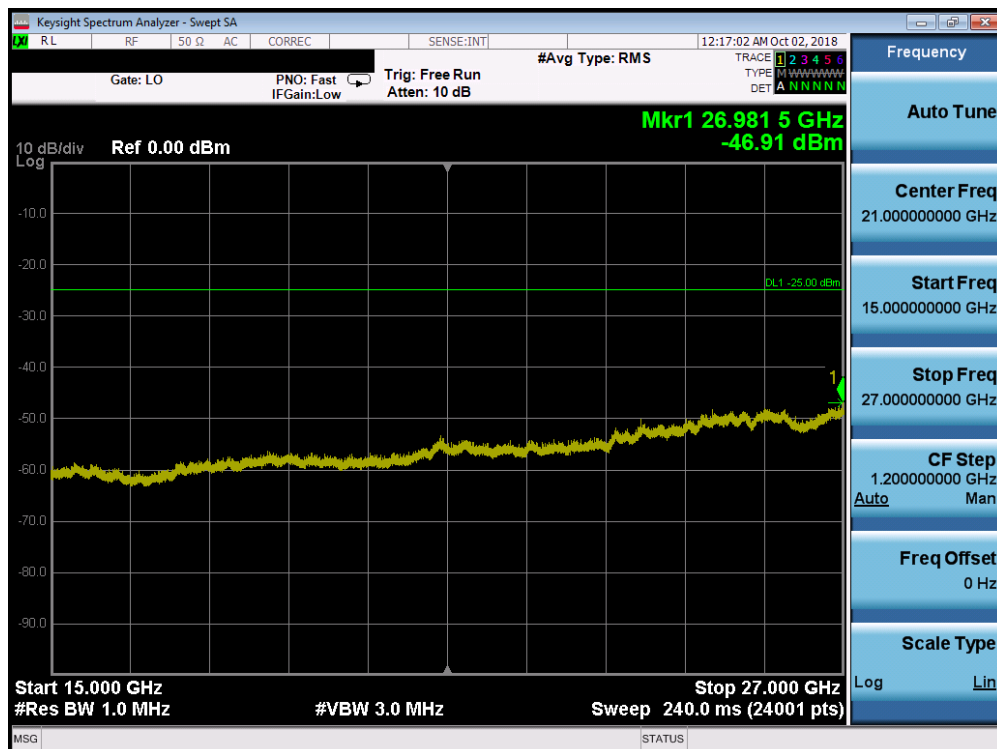


Plot 7-401. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 246 of 373

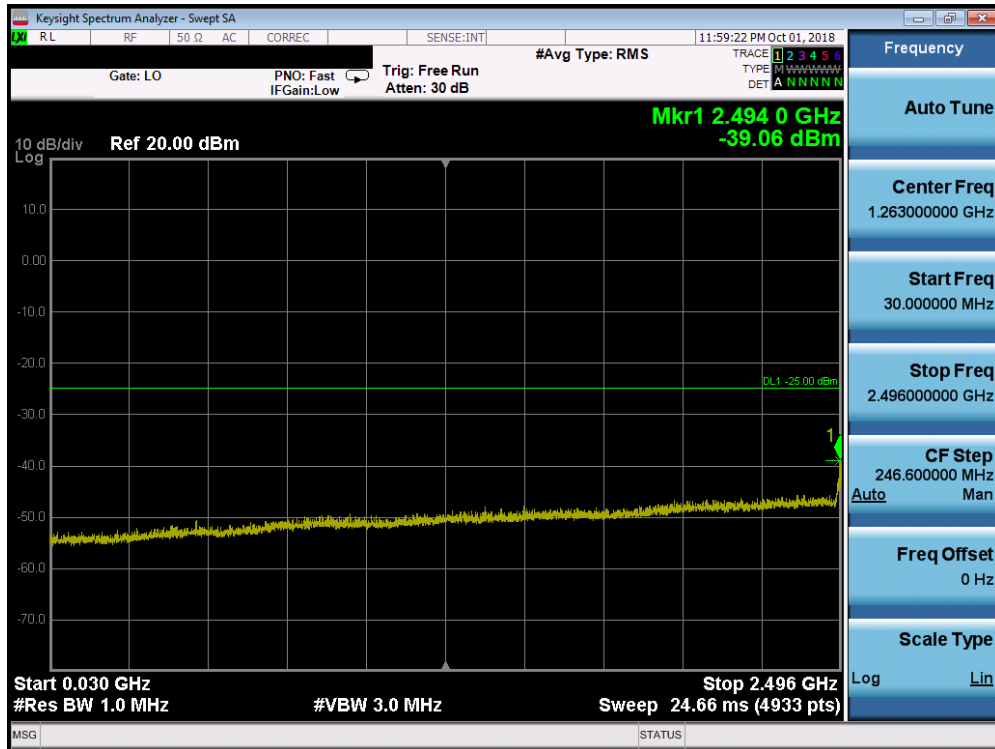


Plot 7-402. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

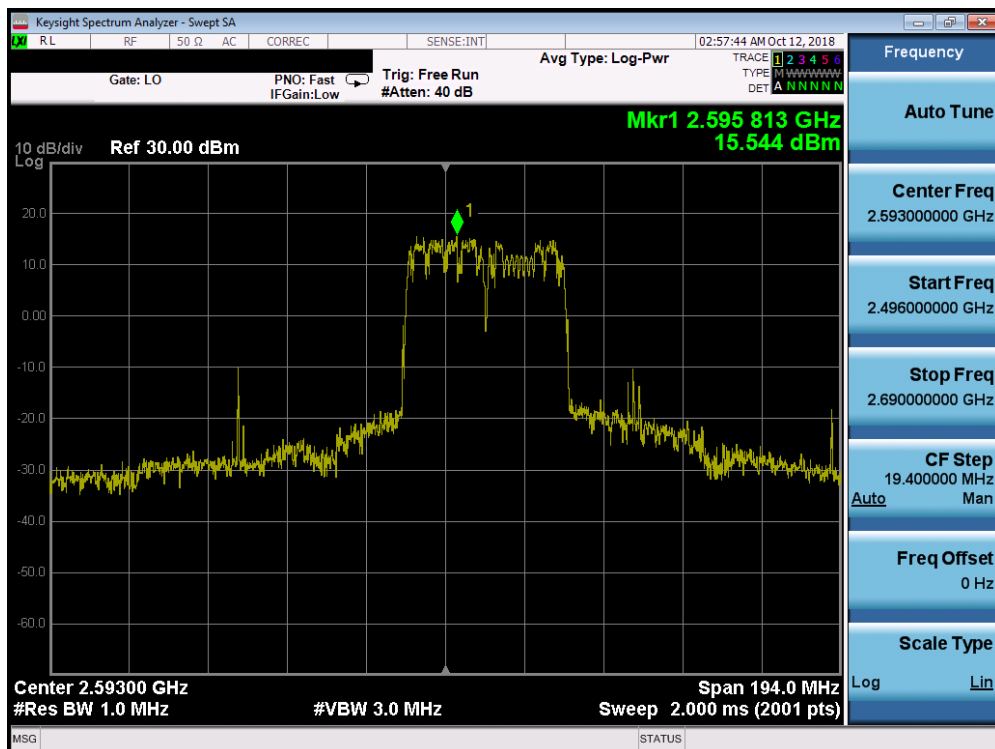


Plot 7-403. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 247 of 373

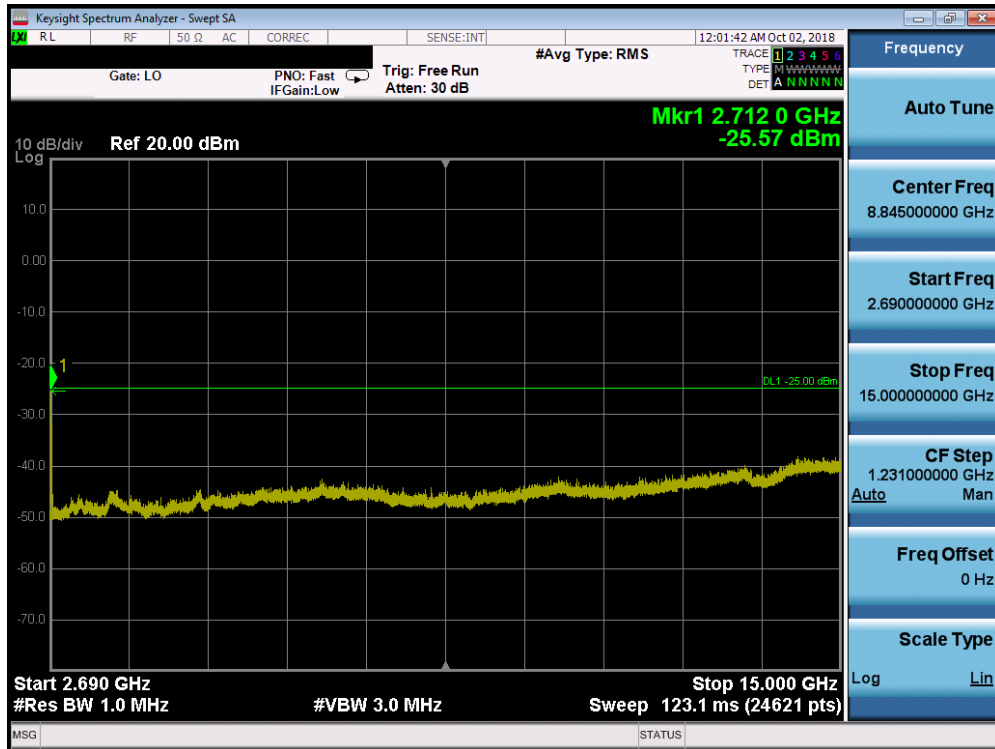


Plot 7-404. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

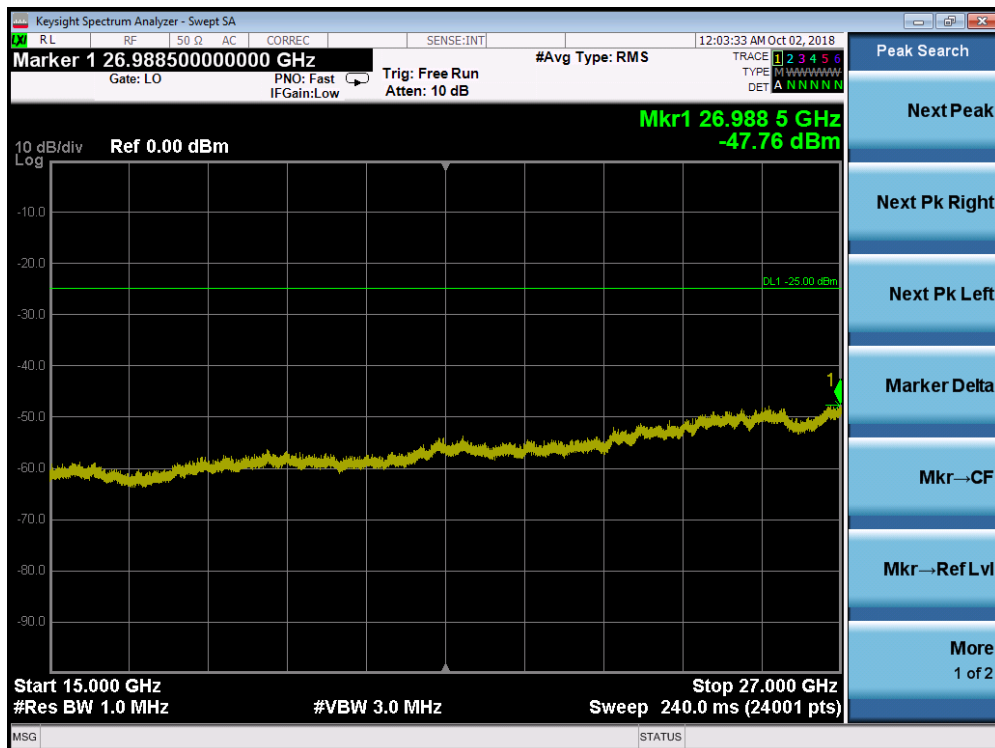


Plot 7-405. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 248 of 373

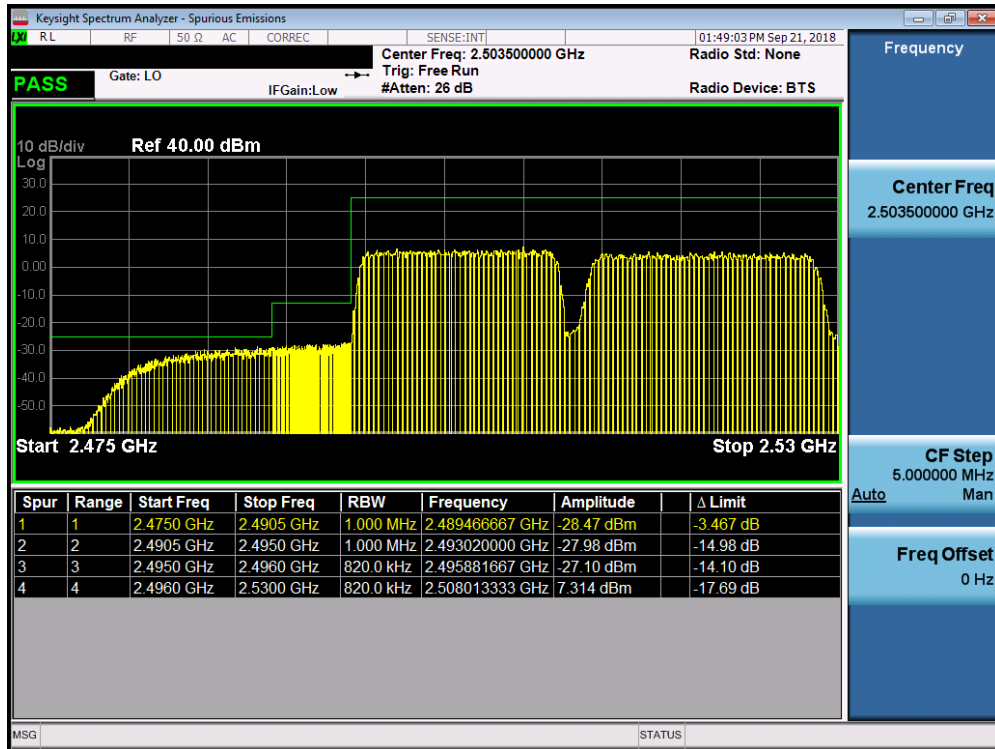


Plot 7-406. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

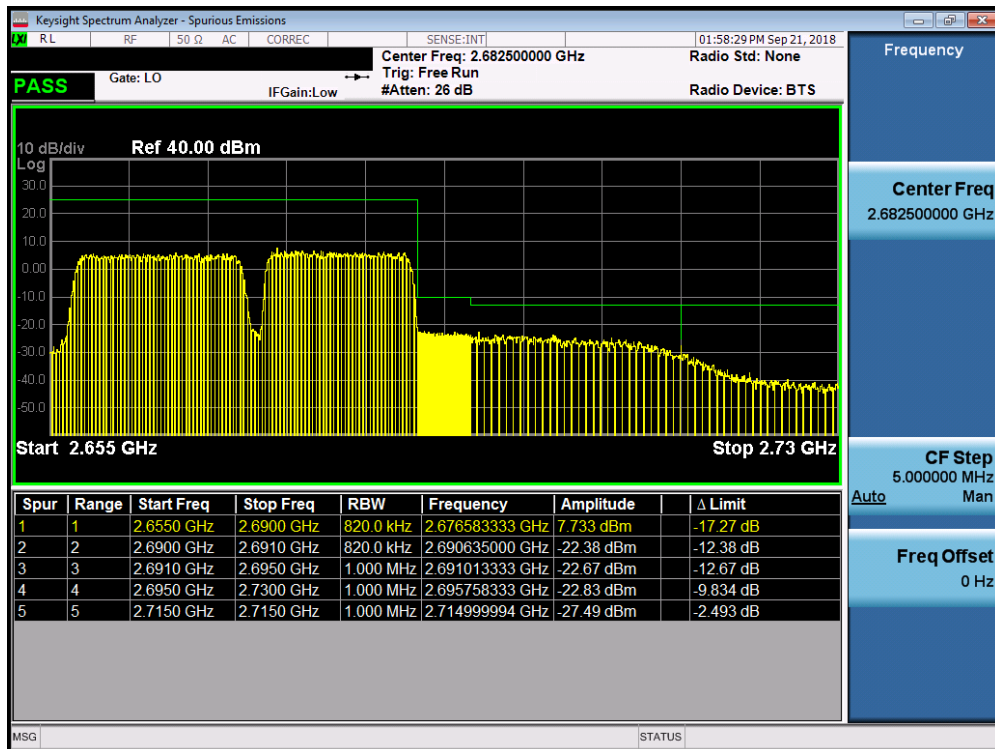


Plot 7-407. Conducted Spurious Plot (Band 41 – 20.0MHz QPSK – PCC 100/0 SCC 100/0 – Mid Channel)

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 249 of 373

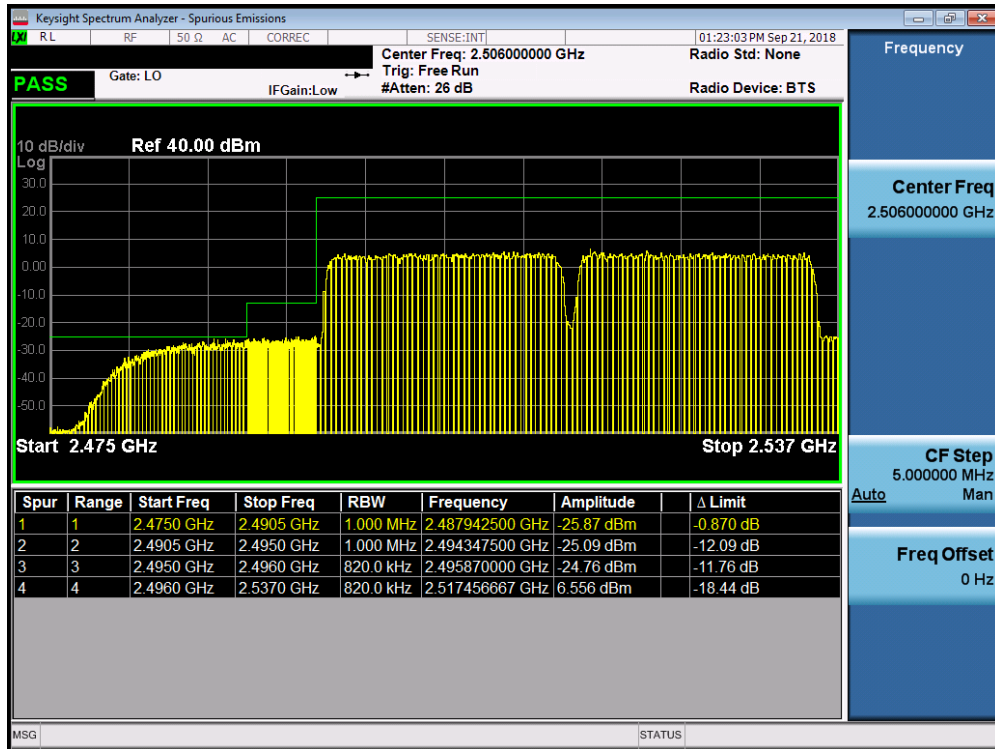


Plot 7-408. Lower ACP Plot (Band 41 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

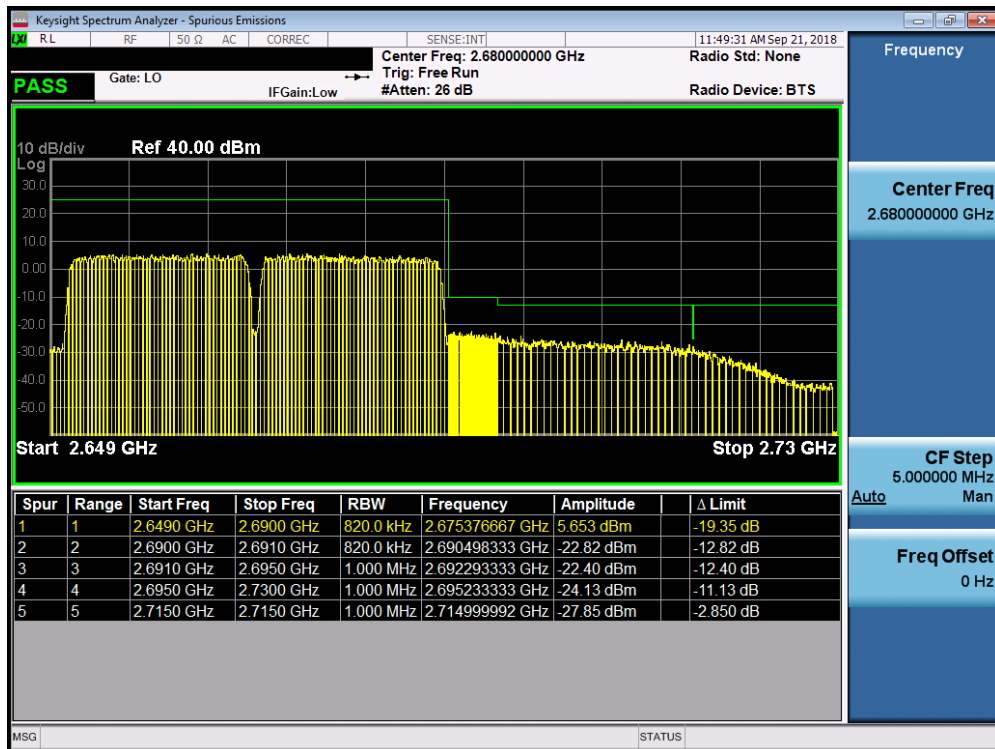


Plot 7-409. Upper ACP Plot (Band 41 QPSK – PCC:15 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 250 of 373



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



Plot 7-411. Upper ACP Plot (Band 41 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

FCC ID: BCGA1895	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 251 of 373

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.

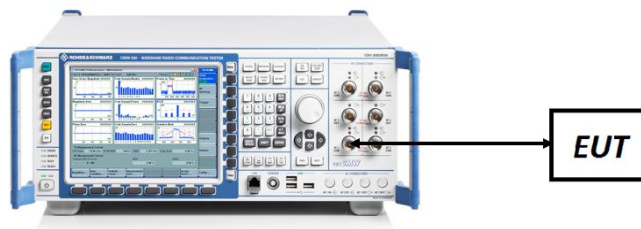


Figure 7-6. ERP/EIRP Measurement Setup

Test Notes

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

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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- 3) The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
- 4) The Ant. Gains (GT) are listed in dBi.

FCC ID: BCGA1895	 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 / 5	25.26	-3.70	19.41	0.087	34.77	-15.36	21.56	0.143	36.99	-15.43
707.50	1.4	QPSK	1 / 0	25.21	-3.70	19.36	0.086	34.77	-15.41	21.51	0.142	36.99	-15.48
715.30	1.4	QPSK	3 / 3	25.17	-3.70	19.32	0.086	34.77	-15.45	21.47	0.140	36.99	-15.52
715.30	1.4	16-QAM	1 / 5	24.74	-3.70	18.89	0.078	34.77	-15.88	21.04	0.127	36.99	-15.94
715.30	1.4	64-QAM	1 / 5	23.70	-3.70	17.85	0.061	34.77	-16.92	20.00	0.100	36.99	-16.99
700.50	3	QPSK	1 / 5	25.21	-3.70	19.36	0.086	34.77	-15.41	21.51	0.142	36.99	-15.48
707.50	3	QPSK	1 / 7	25.05	-3.70	19.20	0.083	34.77	-15.57	21.35	0.137	36.99	-15.64
714.50	3	QPSK	1 / 7	24.89	-3.70	19.04	0.080	34.77	-15.73	21.19	0.132	36.99	-15.80
714.50	3	16-QAM	1 / 0	24.60	-3.70	18.75	0.075	34.77	-16.02	20.90	0.123	36.99	-16.09
700.50	3	64-QAM	1 / 7	23.70	-3.70	17.85	0.061	34.77	-16.92	20.00	0.100	36.99	-16.99
701.50	5	QPSK	1 / 0	25.43	-3.70	19.58	0.091	34.77	-15.19	21.73	0.149	36.99	-15.26
707.50	5	QPSK	1 / 24	25.32	-3.70	19.47	0.089	34.77	-15.30	21.62	0.145	36.99	-15.37
713.50	5	QPSK	1 / 0	25.47	-3.70	19.62	0.092	34.77	-15.15	21.77	0.150	36.99	-15.22
707.50	5	16-QAM	1 / 12	24.71	-3.70	18.86	0.077	34.77	-15.91	21.01	0.126	36.99	-15.98
707.50	5	64-QAM	1 / 24	23.70	-3.70	17.85	0.061	34.77	-16.92	20.00	0.100	36.99	-16.99
704.00	10	QPSK	1 / 49	25.42	-3.70	19.57	0.091	34.77	-15.20	21.72	0.149	36.99	-15.27
707.50	10	QPSK	1 / 25	25.39	-3.70	19.54	0.090	34.77	-15.23	21.69	0.147	36.99	-15.30
711.00	10	QPSK	1 / 0	25.43	-3.70	19.58	0.091	34.77	-15.19	21.73	0.149	36.99	-15.26
707.50	10	16-QAM	1 / 49	24.79	-3.70	18.94	0.078	34.77	-15.83	21.09	0.129	36.99	-15.90
711.00	10	64-QAM	1 / 25	23.81	-3.70	17.96	0.063	34.77	-16.81	20.11	0.103	36.99	-16.88

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 / 24	25.38	-3.70	19.53	0.090	34.77	-15.25	21.68	0.147	36.99	-15.31
710.00	5	QPSK	1 / 0	25.50	-3.70	19.65	0.092	34.77	-15.12	21.80	0.151	36.99	-15.19
713.50	5	QPSK	1 / 0	25.44	-3.70	19.59	0.091	34.77	-15.19	21.74	0.149	36.99	-15.25
710.00	5	16-QAM	1 / 0	24.80	-3.70	18.95	0.078	34.77	-15.83	21.10	0.129	36.99	-15.89
713.50	5	64-QAM	1 / 0	23.62	-3.70	17.77	0.060	34.77	-17.00	19.92	0.098	36.99	-17.07
710.00	10	QPSK	1 / 25	25.41	-3.70	19.56	0.090	34.77	-15.22	21.71	0.148	36.99	-15.28
710.00	10	16-QAM	1 / 25	24.72	-3.70	18.87	0.077	34.77	-15.90	21.02	0.127	36.99	-15.97
710.00	10	64-QAM	1 / 49	23.61	-3.70	17.76	0.060	34.77	-17.01	19.91	0.098	36.99	-17.08

Table 7-20. ERP Data (Band 17)

FCC ID: BCGA1895	 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 / 0	25.47	-3.70	19.62	0.092	34.77	-15.15	21.77	0.150	36.99	-15.22
782.00	5	QPSK	1 / 24	25.33	-3.70	19.48	0.089	34.77	-15.29	21.63	0.145	36.99	-15.36
784.50	5	QPSK	1 / 24	25.49	-3.70	19.64	0.092	34.77	-15.13	21.79	0.151	36.99	-15.20
782.00	5	16-QAM	1 / 24	24.87	-3.70	19.02	0.080	34.77	-15.75	21.17	0.131	36.99	-15.82
779.50	5	64-QAM	1 / 0	23.79	-3.70	17.94	0.062	34.77	-16.83	20.09	0.102	36.99	-16.90
782.00	10	QPSK	1 / 49	25.50	-3.70	19.65	0.092	34.77	-15.12	21.80	0.151	36.99	-15.19
782.00	10	16-QAM	1 / 49	25.10	-3.70	19.25	0.084	34.77	-15.52	21.40	0.138	36.99	-15.59
782.00	10	64-QAM	1 / 0	23.82	-3.70	17.97	0.063	34.77	-16.80	20.12	0.103	36.99	-16.87

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	25.50	-3.80	19.55	0.090	38.45	-18.90	21.70	0.148	40.61	-18.91
836.50	1.4	QPSK	1 / 0	25.47	-3.80	19.52	0.090	38.45	-18.93	21.67	0.147	40.61	-18.94
848.30	1.4	QPSK	1 / 3	25.37	-3.80	19.42	0.088	38.45	-19.03	21.57	0.144	40.61	-19.03
836.50	1.4	16-QAM	1 / 5	24.97	-3.80	19.02	0.080	38.45	-19.43	21.17	0.131	40.61	-19.44
836.50	1.4	64-QAM	1 / 0	23.69	-3.80	17.74	0.059	38.45	-20.71	19.89	0.097	40.61	-20.72
825.50	3	QPSK	1 / 0	25.50	-3.80	19.55	0.090	38.45	-18.90	21.70	0.148	40.61	-18.91
836.50	3	QPSK	1 / 7	25.35	-3.80	19.40	0.087	38.45	-19.05	21.55	0.143	40.61	-19.06
847.50	3	QPSK	1 / 7	25.26	-3.80	19.31	0.085	38.45	-19.14	21.46	0.140	40.61	-19.15
836.50	3	16-QAM	1 / 7	24.90	-3.80	18.95	0.078	38.45	-19.51	21.10	0.129	40.61	-19.51
836.50	3	64-QAM	1 / 7	23.72	-3.80	17.77	0.060	38.45	-20.68	19.92	0.098	40.61	-20.69
826.50	5	QPSK	1 / 0	25.38	-3.80	19.43	0.088	38.45	-19.02	21.58	0.144	40.61	-19.02
836.50	5	QPSK	1 / 24	25.50	-3.80	19.55	0.090	38.45	-18.90	21.70	0.148	40.61	-18.91
846.50	5	QPSK	1 / 0	25.47	-3.80	19.52	0.090	38.45	-18.93	21.67	0.147	40.61	-18.93
846.50	5	16-QAM	1 / 0	24.77	-3.80	18.82	0.076	38.45	-19.64	20.97	0.125	40.61	-19.64
836.50	5	64-QAM	1 / 0	23.61	-3.80	17.66	0.058	38.45	-20.79	19.81	0.096	40.61	-20.80
829.00	10	QPSK	1 / 0	25.40	-3.80	19.45	0.088	38.45	-19.00	21.60	0.145	40.61	-19.00
836.50	10	QPSK	1 / 49	25.43	-3.80	19.48	0.089	38.45	-18.97	21.63	0.146	40.61	-18.98
844.00	10	QPSK	1 / 0	25.49	-3.80	19.54	0.090	38.45	-18.91	21.69	0.148	40.61	-18.91
844.00	10	16-QAM	1 / 0	24.79	-3.80	18.84	0.076	38.45	-19.62	20.99	0.125	40.61	-19.62
844.00	10	64-QAM	1 / 0	23.70	-3.80	17.75	0.060	38.45	-20.70	19.90	0.098	40.61	-20.71

Table 7-22. ERP Data (Band 5)

FCC ID: BCGA1895	 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 / 5	25.50	-3.80	19.55	0.090	38.45	-18.90	21.70	0.148	40.61	-18.91
836.50	1.4	QPSK	3 / 2	25.51	-3.80	19.56	0.090	38.45	-18.89	21.71	0.148	40.61	-18.89
848.30	1.4	QPSK	1 / 3	25.56	-3.80	19.61	0.091	38.45	-18.84	21.76	0.150	40.61	-18.84
848.30	1.4	16-QAM	1 / 2	25.02	-3.80	19.07	0.081	38.45	-19.38	21.22	0.133	40.61	-19.38
836.50	1.4	64-QAM	1 / 2	25.56	-3.80	19.61	0.091	38.45	-18.84	21.76	0.150	40.61	-18.84
825.50	3	QPSK	1 / 7	25.49	-3.80	19.54	0.090	38.45	-18.91	21.69	0.148	40.61	-18.92
836.50	3	QPSK	1 / 7	25.38	-3.80	19.43	0.088	38.45	-19.02	21.58	0.144	40.61	-19.02
847.50	3	QPSK	1 / 7	25.39	-3.80	19.44	0.088	38.45	-19.01	21.59	0.144	40.61	-19.01
836.50	3	16-QAM	1 / 7	25.01	-3.80	19.06	0.081	38.45	-19.39	21.21	0.132	40.61	-19.40
825.50	3	64-QAM	1 / 7	23.62	-3.80	17.67	0.058	38.45	-20.78	19.82	0.096	40.61	-20.79
826.50	5	QPSK	1 / 0	25.47	-3.80	19.52	0.090	38.45	-18.93	21.67	0.147	40.61	-18.93
836.50	5	QPSK	1 / 24	25.38	-3.80	19.43	0.088	38.45	-19.02	21.58	0.144	40.61	-19.03
846.50	5	QPSK	1 / 0	25.50	-3.80	19.55	0.090	38.45	-18.90	21.70	0.148	40.61	-18.91
836.50	5	16-QAM	1 / 24	24.90	-3.80	18.95	0.079	38.45	-19.50	21.10	0.129	40.61	-19.51
836.50	5	64-QAM	1 / 24	23.69	-3.80	17.74	0.059	38.45	-20.71	19.89	0.097	40.61	-20.72
829.00	10	QPSK	1 / 49	25.46	-3.80	19.51	0.089	38.45	-18.94	21.66	0.147	40.61	-18.94
836.50	10	QPSK	1 / 49	25.45	-3.80	19.50	0.089	38.45	-18.95	21.65	0.146	40.61	-18.96
844.00	10	QPSK	1 / 0	25.50	-3.80	19.55	0.090	38.45	-18.90	21.70	0.148	40.61	-18.91
844.00	10	16-QAM	1 / 0	24.83	-3.80	18.88	0.077	38.45	-19.57	21.03	0.127	40.61	-19.58
844.00	10	64-QAM	1 / 0	23.62	-3.80	17.67	0.058	38.45	-20.78	19.82	0.096	40.61	-20.79

Table 7-23. ERP Data (Band 26)

FCC ID: BCGA1895	 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]
1710.70	1.4	QPSK	1 / 5	25.24	-2.80	22.44	0.175	30.00	-7.56
1732.50	1.4	QPSK	1 / 3	25.17	-2.80	22.37	0.173	30.00	-7.63
1754.30	1.4	QPSK	1 / 3	25.10	-2.80	22.30	0.170	30.00	-7.70
1710.70	1.4	16-QAM	1 / 2	24.60	-2.80	21.80	0.151	30.00	-8.20
1710.70	1.4	64-QAM	1 / 5	23.40	-2.80	20.60	0.115	30.00	-9.40
1711.50	3	QPSK	1 / 7	25.20	-2.80	22.40	0.174	30.00	-7.60
1732.50	3	QPSK	1 / 7	25.01	-2.80	22.21	0.166	30.00	-7.79
1753.50	3	QPSK	1 / 14	24.92	-2.80	22.12	0.163	30.00	-7.88
1753.50	3	16-QAM	1 / 7	24.53	-2.80	21.73	0.149	30.00	-8.27
1711.50	3	64-QAM	1 / 0	23.47	-2.80	20.67	0.117	30.00	-9.33
1712.50	5	QPSK	1 / 0	25.38	-2.80	22.58	0.181	30.00	-7.42
1732.50	5	QPSK	1 / 24	25.23	-2.80	22.43	0.175	30.00	-7.57
1752.50	5	QPSK	1 / 24	25.39	-2.80	22.59	0.181	30.00	-7.41
1732.50	5	16-QAM	1 / 24	24.65	-2.80	21.85	0.153	30.00	-8.15
1712.50	5	64-QAM	1 / 0	25.24	-2.80	22.44	0.175	30.00	-7.56
1715.00	10	QPSK	1 / 25	25.21	-2.80	22.41	0.174	30.00	-7.59
1732.50	10	QPSK	1 / 49	25.24	-2.80	22.44	0.175	30.00	-7.56
1750.00	10	QPSK	1 / 49	25.25	-2.80	22.45	0.176	30.00	-7.55
1750.00	10	16-QAM	1 / 0	24.64	-2.80	21.84	0.153	30.00	-8.16
1715.00	10	64-QAM	1 / 0	23.31	-2.80	20.51	0.112	30.00	-9.49
1717.50	15	QPSK	1 / 0	25.20	-2.80	22.40	0.174	30.00	-7.60
1732.50	15	QPSK	1 / 74	25.11	-2.80	22.31	0.170	30.00	-7.69
1747.50	15	QPSK	1 / 74	25.22	-2.80	22.42	0.175	30.00	-7.58
1732.50	15	16-QAM	1 / 74	24.60	-2.80	21.80	0.152	30.00	-8.20
1747.50	15	64-QAM	1 / 74	23.36	-2.80	20.56	0.114	30.00	-9.44
1720.00	20	QPSK	1 / 0	25.20	-2.80	22.40	0.174	30.00	-7.60
1732.50	20	QPSK	1 / 99	25.23	-2.80	22.43	0.175	30.00	-7.57
1745.00	20	QPSK	1 / 0	25.13	-2.80	22.33	0.171	30.00	-7.67
1732.50	20	16-QAM	1 / 99	24.69	-2.80	21.89	0.154	30.00	-8.11
1720.00	20	64-QAM	1 / 0	23.49	-2.80	20.69	0.117	30.00	-9.31

Table 7-24. EIRP Data (Band 4)

FCC ID: BCGA1895	 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]
1710.70	1.4	QPSK	1 / 5	25.25	-2.80	22.45	0.176	30.00	-7.55
1745.00	1.4	QPSK	1 / 3	25.20	-2.80	22.40	0.174	30.00	-7.60
1779.30	1.4	QPSK	3 / 3	25.20	-2.80	22.40	0.174	30.00	-7.60
1710.70	1.4	16-QAM	1 / 0	24.61	-2.80	21.81	0.152	30.00	-8.19
1710.70	1.4	64-QAM	1 / 0	23.39	-2.80	20.59	0.115	30.00	-9.41
1711.50	3	QPSK	1 / 7	25.25	-2.80	22.45	0.176	30.00	-7.55
1745.00	3	QPSK	1 / 7	25.04	-2.80	22.24	0.167	30.00	-7.77
1778.50	3	QPSK	1 / 0	25.02	-2.80	22.22	0.167	30.00	-7.78
1778.50	3	16-QAM	1 / 0	24.68	-2.80	21.88	0.154	30.00	-8.12
1711.50	3	64-QAM	1 / 0	23.30	-2.80	20.50	0.112	30.00	-9.50
1712.50	5	QPSK	1 / 0	25.32	-2.80	22.52	0.179	30.00	-7.48
1745.00	5	QPSK	1 / 24	25.21	-2.80	22.41	0.174	30.00	-7.59
1777.50	5	QPSK	1 / 0	25.47	-2.80	22.67	0.185	30.00	-7.33
1777.50	5	16-QAM	1 / 12	24.67	-2.80	21.87	0.154	30.00	-8.13
1712.50	5	64-QAM	1 / 0	23.25	-2.80	20.45	0.111	30.00	-9.55
1715.00	10	QPSK	1 / 0	25.18	-2.80	22.38	0.173	30.00	-7.62
1745.00	10	QPSK	1 / 25	25.17	-2.80	22.37	0.172	30.00	-7.63
1775.00	10	QPSK	1 / 0	25.32	-2.80	22.52	0.179	30.00	-7.48
1775.00	10	16-QAM	1 / 0	24.60	-2.80	21.80	0.152	30.00	-8.20
1715.00	10	64-QAM	1 / 0	23.34	-2.80	20.54	0.113	30.00	-9.46
1717.50	15	QPSK	1 / 36	25.22	-2.80	22.42	0.175	30.00	-7.58
1745.00	15	QPSK	1 / 0	25.22	-2.80	22.42	0.175	30.00	-7.58
1772.50	15	QPSK	1 / 36	25.25	-2.80	22.45	0.176	30.00	-7.55
1772.50	15	16-QAM	1 / 0	24.74	-2.80	21.94	0.156	30.00	-8.06
1717.50	15	64-QAM	1 / 0	23.31	-2.80	20.51	0.112	30.00	-9.49
1720.00	20	QPSK	1 / 0	25.20	-2.80	22.40	0.174	30.00	-7.60
1745.00	20	QPSK	1 / 0	25.27	-2.80	22.47	0.177	30.00	-7.53
1770.00	20	QPSK	1 / 0	25.22	-2.80	22.42	0.175	30.00	-7.58
1720.00	20	16-QAM	1 / 0	24.81	-2.80	22.01	0.159	30.00	-7.99
1720.00	20	64-QAM	1 / 0	23.32	-2.80	20.52	0.113	30.00	-9.48

Table 7-25. EIRP Data (Band 66)

FCC ID: BCGA1895	 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 / 2	25.18	-2.20	22.98	0.199	33.01	-10.03
1880.00	1.4	QPSK	1 / 0	25.19	-2.20	22.99	0.199	33.01	-10.02
1909.30	1.4	QPSK	3 / 2	25.22	-2.20	23.02	0.200	33.01	-9.99
1850.70	1.4	16-QAM	1 / 5	24.63	-2.20	22.43	0.175	33.01	-10.58
1909.30	1.4	64-QAM	1 / 2	23.89	-2.20	21.69	0.148	33.01	-11.32
1851.50	3	QPSK	1 / 7	25.27	-2.20	23.07	0.203	33.01	-9.94
1880.00	3	QPSK	1 / 0	25.09	-2.20	22.89	0.195	33.01	-10.12
1908.50	3	QPSK	1 / 14	25.01	-2.20	22.81	0.191	33.01	-10.20
1880.00	3	16-QAM	1 / 0	24.75	-2.20	22.55	0.180	33.01	-10.46
1908.50	3	64-QAM	1 / 7	23.85	-2.20	21.65	0.146	33.01	-11.36
1852.50	5	QPSK	1 / 24	25.51	-2.20	23.31	0.214	33.01	-9.70
1880.00	5	QPSK	1 / 0	25.39	-2.20	23.19	0.209	33.01	-9.82
1907.50	5	QPSK	1 / 24	25.54	-2.20	23.34	0.216	33.01	-9.67
1880.00	5	16-QAM	1 / 0	24.79	-2.20	22.59	0.181	33.01	-10.42
1907.50	5	64-QAM	1 / 24	23.90	-2.20	21.70	0.148	33.01	-11.31
1855.00	10	QPSK	1 / 25	25.36	-2.20	23.16	0.207	33.01	-9.85
1880.00	10	QPSK	1 / 0	25.46	-2.20	23.26	0.212	33.01	-9.75
1905.00	10	QPSK	1 / 0	25.55	-2.20	23.35	0.216	33.01	-9.66
1905.00	10	16-QAM	1 / 0	24.84	-2.20	22.64	0.184	33.01	-10.37
1905.00	10	64-QAM	1 / 0	23.96	-2.20	21.76	0.150	33.01	-11.25
1857.50	15	QPSK	1 / 36	25.36	-2.20	23.16	0.207	33.01	-9.85
1880.00	15	QPSK	1 / 0	25.52	-2.20	23.32	0.215	33.01	-9.69
1902.50	15	QPSK	1 / 36	25.50	-2.20	23.30	0.214	33.01	-9.71
1902.50	15	16-QAM	1 / 36	24.77	-2.20	22.57	0.181	33.01	-10.44
1902.50	15	64-QAM	1 / 0	23.95	-2.20	21.75	0.150	33.01	-11.26
1860.00	20	QPSK	1 / 99	25.41	-2.20	23.21	0.209	33.01	-9.80
1880.00	20	QPSK	1 / 0	25.59	-2.20	23.39	0.218	33.01	-9.62
1900.00	20	QPSK	1 / 50	25.57	-2.20	23.37	0.217	33.01	-9.64
1860.00	20	16-QAM	1 / 99	24.91	-2.20	22.71	0.187	33.01	-10.30
1900.00	20	64-QAM	1 / 0	23.90	-2.20	21.70	0.148	33.01	-11.31

Table 7-26. EIRP Data (Band 2)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 259 of 373

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 / 2	25.20	-2.20	23.00	0.200	33.01	-10.01
1882.50	1.4	QPSK	1 / 3	25.18	-2.20	22.98	0.199	33.01	-10.03
1914.30	1.4	QPSK	1 / 3	25.33	-2.20	23.13	0.206	33.01	-9.88
1914.30	1.4	16-QAM	1 / 2	24.71	-2.20	22.51	0.178	33.01	-10.50
1850.70	1.4	64-QAM	1 / 0	22.80	-2.20	20.60	0.115	33.01	-12.41
1851.50	3	QPSK	1 / 7	25.27	-2.20	23.07	0.203	33.01	-9.94
1882.50	3	QPSK	1 / 7	25.08	-2.20	22.88	0.194	33.01	-10.13
1913.50	3	QPSK	1 / 7	25.16	-2.20	22.96	0.197	33.01	-10.06
1913.50	3	16-QAM	1 / 7	24.78	-2.20	22.58	0.181	33.01	-10.43
1851.50	3	64-QAM	1 / 14	22.28	-2.20	20.08	0.102	33.01	-12.93
1852.50	5	QPSK	1 / 24	25.40	-2.20	23.20	0.209	33.01	-9.81
1882.50	5	QPSK	1 / 0	25.25	-2.20	23.05	0.202	33.01	-9.97
1912.50	5	QPSK	1 / 0	25.48	-2.20	23.28	0.213	33.01	-9.73
1912.50	5	16-QAM	1 / 24	24.82	-2.20	22.62	0.183	33.01	-10.39
1852.50	5	64-QAM	1 / 12	22.31	-2.20	20.11	0.103	33.01	-12.90
1855.00	10	QPSK	1 / 25	25.36	-2.20	23.16	0.207	33.01	-9.85
1882.50	10	QPSK	1 / 0	25.49	-2.20	23.29	0.213	33.01	-9.72
1910.00	10	QPSK	1 / 0	25.45	-2.20	23.25	0.211	33.01	-9.76
1882.50	10	16-QAM	1 / 49	24.79	-2.20	22.59	0.182	33.01	-10.42
1855.00	10	64-QAM	1 / 25	22.31	-2.20	20.11	0.103	33.01	-12.90
1857.50	15	QPSK	1 / 36	25.35	-2.20	23.15	0.207	33.01	-9.86
1882.50	15	QPSK	1 / 0	25.48	-2.20	23.28	0.213	33.01	-9.73
1907.50	15	QPSK	1 / 0	25.50	-2.20	23.30	0.214	33.01	-9.71
1907.50	15	16-QAM	1 / 74	24.81	-2.20	22.61	0.182	33.01	-10.40
1857.50	15	64-QAM	1 / 0	22.31	-2.20	20.11	0.103	33.01	-12.90
1860.00	20	QPSK	1 / 99	25.41	-2.20	23.21	0.209	33.01	-9.80
1882.50	20	QPSK	1 / 0	25.50	-2.20	23.30	0.214	33.01	-9.71
1905.00	20	QPSK	1 / 0	25.49	-2.20	23.29	0.213	33.01	-9.72
1860.00	20	16-QAM	1 / 99	24.92	-2.20	22.72	0.187	33.01	-10.29
1860.00	20	64-QAM	1 / 0	22.32	-2.20	20.12	0.103	33.01	-12.89

Table 7-27. EIRP Data (Band 25)

FCC ID: BCGA1895	 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]
2307.50	5	QPSK	1 / 24	23.44	-0.10	23.34	0.216	23.98	-0.64
2312.50	5	QPSK	1 / 0	23.47	-0.10	23.37	0.217	23.98	-0.61
2312.50	5	16-QAM	1 / 0	22.85	-0.10	22.75	0.188	23.98	-1.23
2312.50	5	64-QAM	1 / 0	21.67	-0.10	21.57	0.144	23.98	-2.41
2310.00	10	QPSK	1 / 0	23.49	-0.10	23.39	0.218	23.98	-0.59
2310.00	10	16-QAM	1 / 0	22.82	-0.10	22.72	0.187	23.98	-1.26
2310.00	10	64-QAM	1 / 0	21.67	-0.10	21.57	0.144	23.98	-2.41

Table 7-28. EIRP Data (Band 30)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 261 of 373

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
2502.50	5	QPSK	1 / 0	25.39	-0.10	25.29	0.338	33.01	-7.72
2535.00	5	QPSK	1 / 24	25.11	0.10	25.21	0.332	33.01	-7.80
2567.50	5	QPSK	1 / 24	25.33	0.10	25.43	0.349	33.01	-7.58
2567.50	5	16-QAM	1 / 24	24.65	0.10	24.75	0.299	33.01	-8.26
2567.50	5	64-QAM	1 / 24	23.50	0.10	23.60	0.229	33.01	-9.41
2505.00	10	QPSK	1 / 0	25.13	-0.10	25.03	0.318	33.01	-7.98
2535.00	10	QPSK	1 / 0	25.20	0.10	25.30	0.339	33.01	-7.71
2565.00	10	QPSK	1 / 49	25.22	0.10	25.32	0.341	33.01	-7.69
2565.00	10	16-QAM	1 / 25	24.76	0.10	24.86	0.306	33.01	-8.15
2535.00	10	64-QAM	1 / 0	23.57	0.10	23.67	0.233	33.01	-9.34
2507.50	15	QPSK	1 / 0	25.13	-0.10	25.03	0.318	33.01	-7.98
2535.00	15	QPSK	1 / 0	25.15	0.10	25.25	0.335	33.01	-7.76
2562.50	15	QPSK	1 / 0	25.22	0.10	25.32	0.340	33.01	-7.69
2535.00	15	16-QAM	1 / 36	24.67	0.10	24.77	0.300	33.01	-8.24
2562.50	15	64-QAM	1 / 0	23.56	0.10	23.66	0.232	33.01	-9.35
2510.00	20	QPSK	1 / 0	25.02	-0.10	24.92	0.310	33.01	-8.09
2535.00	20	QPSK	1 / 0	25.11	0.10	25.21	0.332	33.01	-7.80
2560.00	20	QPSK	1 / 0	25.20	0.10	25.30	0.339	33.01	-7.71
2535.00	20	16-QAM	1 / 0	24.65	0.10	24.75	0.298	33.01	-8.26
2510.00	20	64-QAM	1 / 0	23.60	-0.10	23.50	0.224	33.01	-9.51

Table 7-29. EIRP Data (Band 7)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 262 of 373

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	27.00	-0.10	26.90	0.490	33.01	-6.11
2593.00	5	QPSK	1 / 0	26.95	0.10	27.05	0.507	33.01	-5.96
2687.50	5	QPSK	1 / 0	27.00	0.10	27.10	0.513	33.01	-5.91
2593.00	5	16-QAM	1 / 0	26.36	0.10	26.46	0.443	33.01	-6.55
2593.00	5	64-QAM	1 / 12	25.11	0.10	25.21	0.332	33.01	-7.80
2501.00	10	QPSK	1 / 49	26.97	-0.10	26.87	0.486	33.01	-6.14
2593.00	10	QPSK	1 / 0	26.86	0.10	26.96	0.497	33.01	-6.05
2685.00	10	QPSK	1 / 0	26.86	0.10	26.96	0.497	33.01	-6.05
2685.00	10	16-QAM	1 / 0	26.33	0.10	26.43	0.440	33.01	-6.58
2501.00	10	64-QAM	1 / 0	25.01	-0.10	24.91	0.310	33.01	-8.10
2503.50	15	QPSK	1 / 74	26.93	-0.10	26.83	0.482	33.01	-6.18
2593.00	15	QPSK	1 / 0	26.85	0.10	26.95	0.495	33.01	-6.06
2680.00	15	QPSK	1 / 36	26.89	0.10	26.99	0.500	33.01	-6.02
2593.00	15	16-QAM	1 / 0	26.28	0.10	26.38	0.435	33.01	-6.63
2503.50	15	64-QAM	1 / 0	25.02	-0.10	24.92	0.310	33.01	-8.09
2506.00	20	QPSK	1 / 99	27.00	-0.10	26.90	0.490	33.01	-6.11
2593.00	20	QPSK	1 / 0	27.00	0.10	27.10	0.513	33.01	-5.91
2680.00	20	QPSK	1 / 99	26.87	0.10	26.97	0.498	33.01	-6.04
2506.00	20	16-QAM	1 / 99	26.46	-0.10	26.36	0.433	33.01	-6.65
2506.00	20	64-QAM	1 / 0	25.21	-0.10	25.11	0.324	33.01	-7.90

Table 7-30. EIRP Data (Band 41)

FCC ID: BCGA1895	 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 / 5	23.65	-4.10	17.40	0.055	34.77	-17.37	19.55	0.090	36.99	-17.44
707.50	1.4	QPSK	1 / 0	23.58	-4.10	17.33	0.054	34.77	-17.44	19.48	0.089	36.99	-17.51
715.30	1.4	QPSK	1 / 5	23.62	-4.10	17.37	0.055	34.77	-17.40	19.52	0.090	36.99	-17.47
707.50	1.4	16-QAM	1 / 5	23.18	-4.10	16.93	0.049	34.77	-17.84	19.08	0.081	36.99	-17.91
715.30	1.4	64-QAM	1 / 5	21.97	-4.10	15.72	0.037	34.77	-19.05	17.87	0.061	36.99	-19.12
700.50	3	QPSK	1 / 7	23.56	-4.10	17.31	0.054	34.77	-17.46	19.46	0.088	36.99	-17.53
707.50	3	QPSK	1 / 7	23.58	-4.10	17.33	0.054	34.77	-17.44	19.48	0.089	36.99	-17.51
714.50	3	QPSK	1 / 7	23.59	-4.10	17.34	0.054	34.77	-17.43	19.49	0.089	36.99	-17.50
714.50	3	16-QAM	1 / 14	23.10	-4.10	16.85	0.048	34.77	-17.92	19.00	0.079	36.99	-17.99
714.50	3	64-QAM	1 / 7	21.95	-4.10	15.70	0.037	34.77	-19.07	17.85	0.061	36.99	-19.14
701.50	5	QPSK	1 / 0	23.80	-4.10	17.55	0.057	34.77	-17.23	19.70	0.093	36.99	-17.29
707.50	5	QPSK	1 / 0	23.66	-4.10	17.41	0.055	34.77	-17.36	19.56	0.090	36.99	-17.43
713.50	5	QPSK	1 / 24	23.75	-4.10	17.50	0.056	34.77	-17.27	19.65	0.092	36.99	-17.34
707.50	5	16-QAM	1 / 0	23.11	-4.10	16.86	0.049	34.77	-17.91	19.01	0.080	36.99	-17.98
713.50	5	64-QAM	1 / 24	22.00	-4.10	15.75	0.038	34.77	-19.02	17.90	0.062	36.99	-19.09
704.00	10	QPSK	1 / 25	23.71	-4.10	17.46	0.056	34.77	-17.31	19.61	0.091	36.99	-17.38
707.50	10	QPSK	1 / 0	23.69	-4.10	17.44	0.055	34.77	-17.34	19.59	0.091	36.99	-17.40
711.00	10	QPSK	1 / 0	23.78	-4.10	17.53	0.057	34.77	-17.24	19.68	0.093	36.99	-17.31
707.50	10	16-QAM	1 / 0	23.80	-4.10	17.55	0.057	34.77	-17.23	19.70	0.093	36.99	-17.29
711.00	10	64-QAM	1 / 0	21.99	-4.10	15.74	0.037	34.77	-19.03	17.89	0.062	36.99	-19.10

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 / 24	23.68	-4.10	17.43	0.055	34.77	-17.34	19.58	0.091	36.99	-17.41
710.00	5	QPSK	1 / 24	23.54	-4.10	17.29	0.054	34.77	-17.48	19.44	0.088	36.99	-17.55
713.50	5	QPSK	1 / 24	23.75	-4.10	17.50	0.056	34.77	-17.27	19.65	0.092	36.99	-17.34
710.00	5	16-QAM	1 / 24	23.15	-4.10	16.90	0.049	34.77	-17.87	19.05	0.080	36.99	-17.94
713.50	5	64-QAM	1 / 24	21.97	-4.10	15.72	0.037	34.77	-19.05	17.87	0.061	36.99	-19.12
710.00	10	QPSK	1 / 49	23.74	-4.10	17.49	0.056	34.77	-17.28	19.64	0.092	36.99	-17.35
710.00	10	16-QAM	1 / 49	23.04	-4.10	16.79	0.048	34.77	-17.98	18.94	0.078	36.99	-18.05
710.00	10	64-QAM	1 / 0	22.02	-4.10	15.77	0.038	34.77	-19.00	17.92	0.062	36.99	-19.07

Table 7-32. ERP Data (Band 17)

FCC ID: BCGA1895	 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 / 0	23.66	-4.10	17.41	0.055	34.77	-17.37	19.56	0.090	36.99	-17.43
782.00	5	QPSK	1 / 24	23.55	-4.10	17.30	0.054	34.77	-17.47	19.45	0.088	36.99	-17.54
784.50	5	QPSK	1 / 24	23.75	-4.10	17.50	0.056	34.77	-17.27	19.65	0.092	36.99	-17.34
784.50	5	16-QAM	1 / 24	23.08	-4.10	16.83	0.048	34.77	-17.94	18.98	0.079	36.99	-18.01
779.50	5	64-QAM	1 / 0	22.26	-4.10	16.01	0.040	34.77	-18.76	18.16	0.065	36.99	-18.83
782.00	10	QPSK	1 / 0	23.73	-4.10	17.48	0.056	34.77	-17.29	19.63	0.092	36.99	-17.36
782.00	10	16-QAM	1 / 0	23.09	-4.10	16.84	0.048	34.77	-17.93	18.99	0.079	36.99	-18.00
782.00	10	64-QAM	1 / 0	22.21	-4.10	15.96	0.039	34.77	-18.81	18.11	0.065	36.99	-18.88

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 / 5	23.61	-3.20	18.26	0.067	38.45	-20.20	20.41	0.110	40.61	-20.20
836.50	1.4	QPSK	1 / 5	23.62	-3.20	18.27	0.067	38.45	-20.18	20.42	0.110	40.61	-20.19
848.30	1.4	QPSK	3 / 2	23.45	-3.20	18.10	0.065	38.45	-20.35	20.25	0.106	40.61	-20.36
836.50	1.4	16-QAM	1 / 2	23.06	-3.20	17.71	0.059	38.45	-20.74	19.86	0.097	40.61	-20.75
836.50	1.4	64-QAM	1 / 0	22.05	-3.20	16.70	0.047	38.45	-21.75	18.85	0.077	40.61	-21.76
825.50	3	QPSK	1 / 0	23.39	-3.20	18.04	0.064	38.45	-20.41	20.19	0.105	40.61	-20.42
836.50	3	QPSK	1 / 14	23.62	-3.20	18.27	0.067	38.45	-20.18	20.42	0.110	40.61	-20.19
847.50	3	QPSK	1 / 7	23.36	-3.20	18.01	0.063	38.45	-20.44	20.16	0.104	40.61	-20.45
836.50	3	16-QAM	1 / 0	23.01	-3.20	17.66	0.058	38.45	-20.79	19.81	0.096	40.61	-20.79
836.50	3	64-QAM	1 / 7	22.02	-3.20	16.67	0.046	38.45	-21.78	18.82	0.076	40.61	-21.79
826.50	5	QPSK	1 / 0	23.75	-3.20	18.40	0.069	38.45	-20.05	20.55	0.114	40.61	-20.06
836.50	5	QPSK	1 / 24	23.66	-3.20	18.31	0.068	38.45	-20.14	20.46	0.111	40.61	-20.14
846.50	5	QPSK	1 / 24	23.75	-3.20	18.40	0.069	38.45	-20.06	20.55	0.113	40.61	-20.06
836.50	5	16-QAM	1 / 24	23.11	-3.20	17.76	0.060	38.45	-20.69	19.91	0.098	40.61	-20.70
836.50	5	64-QAM	1 / 0	22.07	-3.20	16.72	0.047	38.45	-21.73	18.87	0.077	40.61	-21.74
829.00	10	QPSK	1 / 0	23.70	-3.20	18.35	0.068	38.45	-20.10	20.50	0.112	40.61	-20.11
836.50	10	QPSK	1 / 25	23.69	-3.20	18.34	0.068	38.45	-20.11	20.49	0.112	40.61	-20.11
844.00	10	QPSK	1 / 0	23.81	-3.20	18.46	0.070	38.45	-19.99	20.61	0.115	40.61	-20.00
844.00	10	16-QAM	1 / 0	23.04	-3.20	17.69	0.059	38.45	-20.76	19.84	0.096	40.61	-20.77
844.00	10	64-QAM	1 / 0	22.09	-3.20	16.74	0.047	38.45	-21.71	18.89	0.077	40.61	-21.72

Table 7-34. ERP Data (Band 5)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 265 of 373

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	23.62	-3.20	18.27	0.067	38.45	-20.18	20.42	0.110	40.61	-20.19
836.50	1.4	QPSK	3 / 2	23.60	-3.20	18.25	0.067	38.45	-20.20	20.40	0.110	40.61	-20.20
848.30	1.4	QPSK	1 / 3	23.59	-3.20	18.24	0.067	38.45	-20.21	20.39	0.109	40.61	-20.22
848.30	1.4	16-QAM	1 / 2	23.12	-3.20	17.77	0.060	38.45	-20.68	19.92	0.098	40.61	-20.68
824.70	1.4	64-QAM	1 / 0	22.04	-3.20	16.69	0.047	38.45	-21.76	18.84	0.077	40.61	-21.77
825.50	3	QPSK	1 / 0	23.65	-3.20	18.30	0.068	38.45	-20.15	20.45	0.111	40.61	-20.15
836.50	3	QPSK	1 / 7	23.50	-3.20	18.15	0.065	38.45	-20.30	20.30	0.107	40.61	-20.31
847.50	3	QPSK	1 / 7	23.47	-3.20	18.12	0.065	38.45	-20.33	20.27	0.107	40.61	-20.33
836.50	3	16-QAM	1 / 7	23.11	-3.20	17.76	0.060	38.45	-20.69	19.91	0.098	40.61	-20.70
825.50	3	64-QAM	1 / 7	21.95	-3.20	16.60	0.046	38.45	-21.85	18.75	0.075	40.61	-21.86
826.50	5	QPSK	1 / 0	23.75	-3.20	18.40	0.069	38.45	-20.05	20.55	0.114	40.61	-20.06
836.50	5	QPSK	1 / 24	23.71	-3.20	18.36	0.068	38.45	-20.10	20.51	0.112	40.61	-20.10
846.50	5	QPSK	1 / 12	23.75	-3.20	18.40	0.069	38.45	-20.05	20.55	0.114	40.61	-20.06
826.50	5	16-QAM	1 / 0	23.19	-3.20	17.84	0.061	38.45	-20.61	19.99	0.100	40.61	-20.61
826.50	5	64-QAM	1 / 0	21.91	-3.20	16.56	0.045	38.45	-21.89	18.71	0.074	40.61	-21.90
829.00	10	QPSK	1 / 49	23.74	-3.20	18.39	0.069	38.45	-20.06	20.54	0.113	40.61	-20.07
836.50	10	QPSK	1 / 49	23.72	-3.20	18.37	0.069	38.45	-20.08	20.52	0.113	40.61	-20.09
844.00	10	QPSK	1 / 0	23.75	-3.20	18.40	0.069	38.45	-20.05	20.55	0.114	40.61	-20.06
844.00	10	16-QAM	1 / 0	23.20	-3.20	17.85	0.061	38.45	-20.60	20.00	0.100	40.61	-20.61
844.00	10	64-QAM	1 / 0	21.96	-3.20	16.61	0.046	38.45	-21.84	18.76	0.075	40.61	-21.85

Table 7-35. ERP Data (Band 26)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 266 of 373

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1710.70	1.4	QPSK	1 / 5	22.49	-3.80	18.69	0.074	30.00	-11.31
1732.50	1.4	QPSK	3 / 2	22.34	-3.80	18.54	0.071	30.00	-11.46
1754.30	1.4	QPSK	1 / 0	22.26	-3.80	18.46	0.070	30.00	-11.54
1710.70	1.4	16-QAM	1 / 5	21.80	-3.80	18.00	0.063	30.00	-12.00
1710.70	1.4	64-QAM	1 / 5	20.97	-3.80	17.17	0.052	30.00	-12.83
1711.50	3	QPSK	1 / 7	22.49	-3.80	18.69	0.074	30.00	-11.31
1732.50	3	QPSK	1 / 7	22.45	-3.80	18.65	0.073	30.00	-11.35
1753.50	3	QPSK	1 / 7	22.38	-3.80	18.58	0.072	30.00	-11.42
1711.50	3	16-QAM	1 / 7	21.88	-3.80	18.08	0.064	30.00	-11.92
1711.50	3	64-QAM	1 / 7	20.91	-3.80	17.11	0.051	30.00	-12.89
1712.50	5	QPSK	1 / 24	22.50	-3.80	18.70	0.074	30.00	-11.30
1732.50	5	QPSK	1 / 24	22.50	-3.80	18.70	0.074	30.00	-11.30
1752.50	5	QPSK	1 / 0	22.30	-3.80	18.50	0.071	30.00	-11.50
1712.50	5	16-QAM	1 / 12	21.77	-3.80	17.97	0.063	30.00	-12.03
1712.50	5	64-QAM	1 / 24	20.98	-3.80	17.18	0.052	30.00	-12.82
1715.00	10	QPSK	1 / 0	22.50	-3.80	18.70	0.074	30.00	-11.30
1732.50	10	QPSK	1 / 49	22.40	-3.80	18.60	0.073	30.00	-11.40
1750.00	10	QPSK	1 / 0	22.42	-3.80	18.62	0.073	30.00	-11.38
1732.50	10	16-QAM	1 / 25	21.81	-3.80	18.01	0.063	30.00	-11.99
1715.00	10	64-QAM	1 / 0	20.89	-3.80	17.09	0.051	30.00	-12.91
1717.50	15	QPSK	1 / 0	22.50	-3.80	18.70	0.074	30.00	-11.30
1732.50	15	QPSK	1 / 74	22.46	-3.80	18.66	0.073	30.00	-11.34
1747.50	15	QPSK	1 / 0	22.34	-3.80	18.54	0.072	30.00	-11.46
1732.50	15	16-QAM	1 / 74	21.74	-3.80	17.94	0.062	30.00	-12.06
1717.50	15	64-QAM	1 / 0	20.86	-3.80	17.06	0.051	30.00	-12.94
1720.00	20	QPSK	1 / 0	22.50	-3.80	18.70	0.074	30.00	-11.30
1732.50	20	QPSK	1 / 99	22.50	-3.80	18.70	0.074	30.00	-11.30
1745.00	20	QPSK	1 / 0	22.44	-3.80	18.64	0.073	30.00	-11.36
1720.00	20	16-QAM	1 / 0	21.87	-3.80	18.07	0.064	30.00	-11.93
1720.00	20	64-QAM	1 / 0	20.90	-3.80	17.10	0.051	30.00	-12.90

Table 7-36. EIRP Data (Band 4)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 267 of 373

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1710.70	1.4	QPSK	1 / 5	22.50	-3.80	18.70	0.074	30.00	-11.30
1745.00	1.4	QPSK	1 / 0	22.34	-3.80	18.54	0.071	30.00	-11.46
1779.30	1.4	QPSK	3 / 2	22.18	-3.80	18.38	0.069	30.00	-11.62
1710.70	1.4	16-QAM	1 / 5	21.96	-3.80	18.16	0.065	30.00	-11.84
1710.70	1.4	64-QAM	1 / 5	20.92	-3.80	17.12	0.052	30.00	-12.88
1711.50	3	QPSK	1 / 7	22.47	-3.80	18.67	0.074	30.00	-11.33
1745.00	3	QPSK	1 / 7	22.29	-3.80	18.49	0.071	30.00	-11.51
1778.50	3	QPSK	1 / 0	22.15	-3.80	18.35	0.068	30.00	-11.65
1711.50	3	16-QAM	1 / 14	21.73	-3.80	17.93	0.062	30.00	-12.07
1711.50	3	64-QAM	1 / 0	20.87	-3.80	17.07	0.051	30.00	-12.93
1712.50	5	QPSK	1 / 24	22.50	-3.80	18.70	0.074	30.00	-11.30
1745.00	5	QPSK	1 / 24	22.28	-3.80	18.48	0.070	30.00	-11.52
1777.50	5	QPSK	1 / 0	22.29	-3.80	18.49	0.071	30.00	-11.51
1712.50	5	16-QAM	1 / 0	21.76	-3.80	17.96	0.063	30.00	-12.04
1712.50	5	64-QAM	1 / 12	20.92	-3.80	17.12	0.052	30.00	-12.88
1715.00	10	QPSK	1 / 0	22.48	-3.80	18.68	0.074	30.00	-11.32
1745.00	10	QPSK	1 / 0	22.44	-3.80	18.64	0.073	30.00	-11.36
1775.00	10	QPSK	1 / 0	22.50	-3.80	18.70	0.074	30.00	-11.30
1775.00	10	16-QAM	1 / 0	21.81	-3.80	18.01	0.063	30.00	-11.99
1715.00	10	64-QAM	1 / 0	20.84	-3.80	17.04	0.051	30.00	-12.96
1717.50	15	QPSK	1 / 0	22.43	-3.80	18.63	0.073	30.00	-11.37
1745.00	15	QPSK	1 / 0	22.37	-3.80	18.57	0.072	30.00	-11.43
1772.50	15	QPSK	1 / 36	22.39	-3.80	18.59	0.072	30.00	-11.41
1717.50	15	16-QAM	1 / 36	21.74	-3.80	17.94	0.062	30.00	-12.06
1717.50	15	64-QAM	1 / 0	20.86	-3.80	17.06	0.051	30.00	-12.94
1720.00	20	QPSK	1 / 0	22.49	-3.80	18.69	0.074	30.00	-11.31
1745.00	20	QPSK	1 / 0	22.48	-3.80	18.68	0.074	30.00	-11.32
1770.00	20	QPSK	1 / 50	22.42	-3.80	18.62	0.073	30.00	-11.38
1720.00	20	16-QAM	1 / 0	21.80	-3.80	18.00	0.063	30.00	-12.00
1720.00	20	64-QAM	1 / 0	20.92	-3.80	17.12	0.052	30.00	-12.88

Table 7-37. EIRP Data (Band 66)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 268 of 373

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	22.27	-2.40	19.87	0.097	33.01	-13.14
1880.00	1.4	QPSK	1 / 0	22.33	-2.40	19.93	0.098	33.01	-13.08
1909.30	1.4	QPSK	1 / 5	22.21	-2.40	19.81	0.096	33.01	-13.20
1909.30	1.4	16-QAM	1 / 2	21.71	-2.40	19.31	0.085	33.01	-13.70
1909.30	1.4	64-QAM	1 / 2	20.78	-2.40	18.38	0.069	33.01	-14.63
1851.50	3	QPSK	1 / 7	22.22	-2.40	19.82	0.096	33.01	-13.19
1880.00	3	QPSK	1 / 0	22.24	-2.40	19.84	0.096	33.01	-13.17
1908.50	3	QPSK	1 / 14	22.13	-2.40	19.73	0.094	33.01	-13.28
1880.00	3	16-QAM	1 / 7	22.62	-2.40	20.22	0.105	33.01	-12.79
1851.50	3	64-QAM	1 / 14	20.83	-2.40	18.43	0.070	33.01	-14.58
1852.50	5	QPSK	1 / 24	22.45	-2.40	20.05	0.101	33.01	-12.96
1880.00	5	QPSK	1 / 0	22.43	-2.40	20.03	0.101	33.01	-12.98
1907.50	5	QPSK	1 / 24	22.48	-2.40	20.08	0.102	33.01	-12.93
1880.00	5	16-QAM	1 / 24	21.81	-2.40	19.41	0.087	33.01	-13.60
1880.00	5	64-QAM	1 / 12	20.88	-2.40	18.48	0.070	33.01	-14.53
1855.00	10	QPSK	1 / 0	22.31	-2.40	19.91	0.098	33.01	-13.10
1880.00	10	QPSK	1 / 0	22.40	-2.40	20.00	0.100	33.01	-13.01
1905.00	10	QPSK	1 / 0	22.50	-2.40	20.10	0.102	33.01	-12.91
1905.00	10	16-QAM	1 / 0	21.83	-2.40	19.43	0.088	33.01	-13.58
1855.00	10	64-QAM	1 / 49	20.84	-2.40	18.44	0.070	33.01	-14.57
1857.50	15	QPSK	1 / 36	22.44	-2.40	20.04	0.101	33.01	-12.97
1880.00	15	QPSK	1 / 36	22.52	-2.40	20.12	0.103	33.01	-12.89
1902.50	15	QPSK	1 / 36	22.50	-2.40	20.10	0.102	33.01	-12.91
1880.00	15	16-QAM	1 / 36	21.81	-2.40	19.41	0.087	33.01	-13.60
1902.50	15	64-QAM	1 / 0	20.93	-2.40	18.53	0.071	33.01	-14.48
1860.00	20	QPSK	1 / 99	22.26	-2.40	19.86	0.097	33.01	-13.15
1880.00	20	QPSK	1 / 0	22.44	-2.40	20.04	0.101	33.01	-12.98
1900.00	20	QPSK	1 / 50	22.50	-2.40	20.10	0.102	33.01	-12.91
1900.00	20	16-QAM	1 / 50	22.50	-2.40	20.10	0.102	33.01	-12.91
1880.00	20	64-QAM	1 / 99	22.62	-2.40	20.22	0.105	33.01	-12.79

Table 7-38. EIRP Data (Band 2)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 269 of 373

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	22.26	-2.40	19.86	0.097	33.01	-13.15
1882.50	1.4	QPSK	3 / 3	22.28	-2.40	19.88	0.097	33.01	-13.13
1914.30	1.4	QPSK	1 / 0	22.35	-2.40	19.95	0.099	33.01	-13.06
1914.30	1.4	16-QAM	1 / 5	21.84	-2.40	19.44	0.088	33.01	-13.57
1882.50	1.4	64-QAM	1 / 0	20.94	-2.40	18.54	0.071	33.01	-14.47
1851.50	3	QPSK	1 / 7	22.24	-2.40	19.84	0.096	33.01	-13.17
1882.50	3	QPSK	1 / 7	22.23	-2.40	19.83	0.096	33.01	-13.18
1913.50	3	QPSK	1 / 7	22.36	-2.40	19.96	0.099	33.01	-13.05
1882.50	3	16-QAM	1 / 7	21.84	-2.40	19.44	0.088	33.01	-13.57
1882.50	3	64-QAM	1 / 7	20.80	-2.40	18.40	0.069	33.01	-14.61
1852.50	5	QPSK	1 / 24	22.45	-2.40	20.05	0.101	33.01	-12.96
1882.50	5	QPSK	1 / 0	22.38	-2.40	19.98	0.100	33.01	-13.03
1912.50	5	QPSK	1 / 12	22.62	-2.40	20.22	0.105	33.01	-12.79
1882.50	5	16-QAM	1 / 0	21.84	-2.40	19.44	0.088	33.01	-13.57
1912.50	5	64-QAM	1 / 0	20.83	-2.40	18.43	0.070	33.01	-14.58
1855.00	10	QPSK	1 / 49	22.42	-2.40	20.02	0.101	33.01	-12.99
1882.50	10	QPSK	1 / 0	22.50	-2.40	20.10	0.102	33.01	-12.91
1910.00	10	QPSK	1 / 49	22.47	-2.40	20.07	0.102	33.01	-12.94
1855.00	10	16-QAM	1 / 49	22.45	-2.40	20.05	0.101	33.01	-12.96
1855.00	10	64-QAM	1 / 0	20.79	-2.40	18.39	0.069	33.01	-14.62
1857.50	15	QPSK	1 / 0	22.40	-2.40	20.00	0.100	33.01	-13.01
1882.50	15	QPSK	1 / 0	22.49	-2.40	20.09	0.102	33.01	-12.92
1907.50	15	QPSK	1 / 0	22.49	-2.40	20.09	0.102	33.01	-12.92
1907.50	15	16-QAM	1 / 0	21.85	-2.40	19.45	0.088	33.01	-13.56
1882.50	15	64-QAM	1 / 36	20.81	-2.40	18.41	0.069	33.01	-14.60
1860.00	20	QPSK	1 / 99	22.31	-2.40	19.91	0.098	33.01	-13.10
1882.50	20	QPSK	1 / 0	22.50	-2.40	20.10	0.102	33.01	-12.91
1905.00	20	QPSK	1 / 99	22.48	-2.40	20.08	0.102	33.01	-12.93
1882.50	20	16-QAM	1 / 0	21.93	-2.40	19.53	0.090	33.01	-13.48
1905.00	20	64-QAM	1 / 99	20.90	-2.40	18.50	0.071	33.01	-14.51

Table 7-39. EIRP Data (Band 25)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 270 of 373

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	22.25	-0.60	21.65	0.146	23.98	-2.33
2312.50	5	QPSK	1 / 24	22.32	-0.60	21.72	0.149	23.98	-2.26
2312.50	5	16-QAM	1 / 0	21.53	-0.60	20.93	0.124	23.98	-3.05
2307.50	5	64-QAM	1 / 0	20.26	-0.60	19.66	0.092	23.98	-4.32
2310.00	10	QPSK	1 / 0	22.25	-0.60	21.65	0.146	23.98	-2.33
2310.00	10	16-QAM	1 / 0	21.63	-0.60	21.03	0.127	23.98	-2.95
2310.00	10	64-QAM	1 / 0	20.18	-0.60	19.58	0.091	23.98	-4.40

Table 7-40. EIRP Data (Band 30)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 271 of 373

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	22.21	-0.60	21.61	0.145	33.01	-11.40
2535.00	5	QPSK	1 / 24	22.06	-1.00	21.06	0.128	33.01	-11.95
2567.50	5	QPSK	1 / 0	22.25	-1.00	21.25	0.134	33.01	-11.76
2502.50	5	16-QAM	1 / 24	21.35	-0.60	20.75	0.119	33.01	-12.26
2502.50	5	64-QAM	1 / 24	20.37	-0.60	19.77	0.095	33.01	-13.24
2505.00	10	QPSK	1 / 0	22.00	-0.60	21.40	0.138	33.01	-11.61
2535.00	10	QPSK	1 / 0	22.16	-1.00	21.16	0.131	33.01	-11.85
2565.00	10	QPSK	1 / 25	22.25	-1.00	21.25	0.133	33.01	-11.76
2505.00	10	16-QAM	1 / 49	21.38	-0.60	20.78	0.120	33.01	-12.23
2505.00	10	64-QAM	1 / 49	20.43	-0.60	19.83	0.096	33.01	-13.18
2507.50	15	QPSK	1 / 36	22.04	-0.60	21.44	0.139	33.01	-11.57
2535.00	15	QPSK	1 / 36	22.19	-1.00	21.19	0.132	33.01	-11.82
2562.50	15	QPSK	1 / 36	22.25	-1.00	21.25	0.133	33.01	-11.76
2507.50	15	16-QAM	1 / 36	21.39	-0.60	20.79	0.120	33.01	-12.22
2507.50	15	64-QAM	1 / 0	20.37	-0.60	19.77	0.095	33.01	-13.24
2510.00	20	QPSK	1 / 50	22.02	-0.60	21.42	0.139	33.01	-11.59
2535.00	20	QPSK	1 / 50	22.22	-1.00	21.22	0.133	33.01	-11.79
2560.00	20	QPSK	1 / 50	22.23	-1.00	21.23	0.133	33.01	-11.78
2510.00	20	16-QAM	1 / 0	21.58	-0.60	20.98	0.125	33.01	-12.03
2510.00	20	64-QAM	1 / 0	20.40	-0.60	19.80	0.095	33.01	-13.21

Table 7-41. EIRP Data (Band 7)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 272 of 373

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
2498.50	5	QPSK	1 / 0	23.65	-0.60	23.05	0.202	33.01	-9.96
2593.00	5	QPSK	1 / 24	23.69	-1.00	22.69	0.186	33.01	-10.32
2680.00	5	QPSK	1 / 24	23.73	-1.00	22.73	0.187	33.01	-10.28
2593.00	5	16-QAM	1 / 0	23.09	-1.00	22.09	0.162	33.01	-10.92
2593.00	5	64-QAM	1 / 0	22.13	-1.00	21.13	0.130	33.01	-11.88
2501.00	10	QPSK	1 / 0	23.64	-0.60	23.04	0.201	33.01	-9.97
2593.00	10	QPSK	1 / 0	23.69	-1.00	22.69	0.186	33.01	-10.32
2680.00	10	QPSK	1 / 0	23.57	-1.00	22.57	0.181	33.01	-10.44
2593.00	10	16-QAM	1 / 0	23.04	-1.00	22.04	0.160	33.01	-10.97
2593.00	10	64-QAM	1 / 0	22.17	-1.00	21.17	0.131	33.01	-11.84
2503.50	15	QPSK	1 / 0	23.62	-0.60	23.02	0.200	33.01	-9.99
2593.00	15	QPSK	1 / 0	23.67	-1.00	22.67	0.185	33.01	-10.34
2680.00	15	QPSK	1 / 0	23.56	-1.00	22.56	0.180	33.01	-10.45
2593.00	15	16-QAM	1 / 0	23.01	-1.00	22.01	0.159	33.01	-11.00
2507.50	15	64-QAM	1 / 36	23.97	-0.60	23.37	0.217	33.01	-9.64
2506.00	20	QPSK	1 / 99	23.60	-0.60	23.00	0.200	33.01	-10.01
2593.00	20	QPSK	1 / 0	23.75	-1.00	22.75	0.188	33.01	-10.26
2680.00	20	QPSK	1 / 0	23.54	-1.00	22.54	0.179	33.01	-10.47
2506.00	20	16-QAM	1 / 0	23.17	-0.60	22.57	0.181	33.01	-10.44
2593.00	20	64-QAM	1 / 0	22.21	-1.00	21.21	0.132	33.01	-11.80

Table 7-42. EIRP Data (Band 41)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 273 of 373

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	24.52	-2.70	21.82	0.152	30.00	-8.18
1732.50	1.4	QPSK	1 / 3	24.43	-2.70	21.73	0.149	30.00	-8.27
1754.30	1.4	QPSK	1 / 3	24.39	-2.70	21.69	0.148	30.00	-8.31
1710.70	1.4	16-QAM	1 / 2	23.88	-2.70	21.18	0.131	30.00	-8.82
1710.70	1.4	64-QAM	1 / 5	22.85	-2.70	20.15	0.104	30.00	-9.85
1711.50	3	QPSK	1 / 7	24.50	-2.70	21.80	0.151	30.00	-8.20
1732.50	3	QPSK	1 / 7	24.23	-2.70	21.53	0.142	30.00	-8.47
1753.50	3	QPSK	1 / 7	24.18	-2.70	21.48	0.140	30.00	-8.52
1711.50	3	16-QAM	1 / 7	23.76	-2.70	21.06	0.128	30.00	-8.94
1732.50	3	64-QAM	1 / 7	22.83	-2.70	20.13	0.103	30.00	-9.87
1712.50	5	QPSK	1 / 24	24.50	-2.70	21.80	0.151	30.00	-8.20
1732.50	5	QPSK	1 / 24	24.31	-2.70	21.61	0.145	30.00	-8.39
1752.50	5	QPSK	1 / 0	24.48	-2.70	21.78	0.151	30.00	-8.22
1732.50	5	16-QAM	1 / 0	23.61	-2.70	20.91	0.123	30.00	-9.09
1712.50	5	64-QAM	1 / 24	22.87	-2.70	20.17	0.104	30.00	-9.83
1715.00	10	QPSK	1 / 25	24.42	-2.70	21.72	0.149	30.00	-8.28
1732.50	10	QPSK	1 / 0	24.48	-2.70	21.78	0.151	30.00	-8.22
1750.00	10	QPSK	1 / 48	24.50	-2.70	21.80	0.151	30.00	-8.20
1750.00	10	16-QAM	1 / 0	24.48	-2.70	21.78	0.151	30.00	-8.22
1715.00	10	64-QAM	1 / 25	22.85	-2.70	20.15	0.104	30.00	-9.85
1717.50	15	QPSK	1 / 36	24.40	-2.70	21.70	0.148	30.00	-8.30
1732.50	15	QPSK	1 / 74	24.44	-2.70	21.74	0.149	30.00	-8.26
1747.50	15	QPSK	1 / 0	24.49	-2.70	21.79	0.151	30.00	-8.21
1732.50	15	16-QAM	1 / 74	23.67	-2.70	20.97	0.125	30.00	-9.03
1747.50	15	64-QAM	1 / 0	22.85	-2.70	20.15	0.104	30.00	-9.85
1720.00	20	QPSK	1 / 0	24.38	-2.70	21.68	0.147	30.00	-8.32
1732.50	20	QPSK	1 / 99	24.50	-2.70	21.80	0.151	30.00	-8.20
1745.00	20	QPSK	1 / 0	24.40	-2.70	21.70	0.148	30.00	-8.30
1732.50	20	16-QAM	1 / 99	23.80	-2.70	21.10	0.129	30.00	-8.90
1732.50	20	64-QAM	1 / 99	22.84	-2.70	20.14	0.103	30.00	-9.86

Table 7-43. EIRP Data (Band 4)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 274 of 373

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	24.50	-2.70	21.80	0.151	30.00	-8.20
1745.00	1.4	QPSK	3 / 2	24.44	-2.70	21.74	0.149	30.00	-8.26
1779.30	1.4	QPSK	3 / 3	24.35	-2.70	21.65	0.146	30.00	-8.35
1745.00	1.4	16-QAM	1 / 0	23.80	-2.70	21.10	0.129	30.00	-8.90
1710.70	1.4	64-QAM	1 / 0	23.83	-2.70	21.13	0.130	30.00	-8.87
1711.50	3	QPSK	1 / 7	24.50	-2.70	21.80	0.151	30.00	-8.20
1745.00	3	QPSK	1 / 7	24.30	-2.70	21.60	0.145	30.00	-8.40
1778.50	3	QPSK	1 / 7	24.16	-2.70	21.46	0.140	30.00	-8.54
1778.50	3	16-QAM	1 / 0	23.80	-2.70	21.10	0.129	30.00	-8.90
1711.50	3	64-QAM	1 / 7	22.82	-2.70	20.12	0.103	30.00	-9.88
1712.50	5	QPSK	1 / 24	24.50	-2.70	21.80	0.151	30.00	-8.20
1745.00	5	QPSK	1 / 0	24.36	-2.70	21.66	0.147	30.00	-8.34
1777.50	5	QPSK	1 / 0	24.48	-2.70	21.78	0.151	30.00	-8.22
1712.50	5	16-QAM	1 / 24	23.72	-2.70	21.02	0.126	30.00	-8.98
1712.50	5	64-QAM	1 / 24	22.90	-2.70	20.20	0.105	30.00	-9.80
1715.00	10	QPSK	1 / 25	24.43	-2.70	21.73	0.149	30.00	-8.27
1745.00	10	QPSK	1 / 0	24.50	-2.70	21.80	0.151	30.00	-8.20
1775.00	10	QPSK	1 / 0	24.43	-2.70	21.73	0.149	30.00	-8.27
1745.00	10	16-QAM	1 / 0	23.82	-2.70	21.12	0.129	30.00	-8.88
1775.00	10	64-QAM	1 / 25	22.85	-2.70	20.15	0.104	30.00	-9.85
1717.50	15	QPSK	1 / 0	24.48	-2.70	21.78	0.151	30.00	-8.22
1745.00	15	QPSK	1 / 0	24.46	-2.70	21.76	0.150	30.00	-8.24
1772.50	15	QPSK	1 / 36	24.48	-2.70	21.78	0.151	30.00	-8.22
1717.50	15	16-QAM	1 / 36	23.79	-2.70	21.09	0.129	30.00	-8.91
1745.00	15	64-QAM	1 / 0	22.89	-2.70	20.19	0.104	30.00	-9.81
1720.00	20	QPSK	1 / 0	24.45	-2.70	21.75	0.150	30.00	-8.25
1745.00	20	QPSK	1 / 0	24.49	-2.70	21.79	0.151	30.00	-8.21
1770.00	20	QPSK	1 / 0	24.36	-2.70	21.66	0.147	30.00	-8.34
1720.00	20	16-QAM	1 / 99	23.81	-2.70	21.11	0.129	30.00	-8.89
1720.00	20	64-QAM	1 / 0	22.89	-2.70	20.19	0.104	30.00	-9.81

Table 7-44. EIRP Data (Band 66)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 275 of 373

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	24.43	-2.20	22.23	0.167	33.01	-10.78
1880.00	1.4	QPSK	3 / 3	24.27	-2.20	22.07	0.161	33.01	-10.94
1909.30	1.4	QPSK	3 / 2	24.31	-2.20	22.11	0.163	33.01	-10.90
1880.00	1.4	16-QAM	1 / 2	23.91	-2.20	21.71	0.148	33.01	-11.30
1909.30	1.4	64-QAM	1 / 0	22.86	-2.20	20.66	0.116	33.01	-12.35
1851.50	3	QPSK	1 / 7	24.43	-2.20	22.23	0.167	33.01	-10.78
1880.00	3	QPSK	1 / 7	24.15	-2.20	21.95	0.157	33.01	-11.06
1908.50	3	QPSK	1 / 7	24.04	-2.20	21.84	0.153	33.01	-11.17
1908.50	3	16-QAM	1 / 14	23.75	-2.20	21.55	0.143	33.01	-11.46
1851.50	3	64-QAM	1 / 7	22.82	-2.20	20.62	0.115	33.01	-12.39
1852.50	5	QPSK	1 / 24	24.49	-2.20	22.29	0.169	33.01	-10.72
1880.00	5	QPSK	1 / 0	24.34	-2.20	22.14	0.164	33.01	-10.87
1907.50	5	QPSK	1 / 0	24.46	-2.20	22.26	0.168	33.01	-10.75
1880.00	5	16-QAM	1 / 0	23.82	-2.20	21.62	0.145	33.01	-11.39
1852.50	5	64-QAM	1 / 24	22.86	-2.20	20.66	0.116	33.01	-12.35
1855.00	10	QPSK	1 / 0	24.40	-2.20	22.20	0.166	33.01	-10.81
1880.00	10	QPSK	1 / 0	24.41	-2.20	22.21	0.166	33.01	-10.80
1905.00	10	QPSK	1 / 0	24.50	-2.20	22.30	0.170	33.01	-10.71
1905.00	10	16-QAM	1 / 0	23.76	-2.20	21.56	0.143	33.01	-11.45
1855.00	10	64-QAM	1 / 0	22.83	-2.20	20.63	0.116	33.01	-12.38
1857.50	15	QPSK	1 / 0	24.41	-2.20	22.21	0.166	33.01	-10.80
1880.00	15	QPSK	1 / 0	24.44	-2.20	22.24	0.168	33.01	-10.77
1902.50	15	QPSK	1 / 0	24.49	-2.20	22.29	0.169	33.01	-10.72
1880.00	15	16-QAM	1 / 0	23.83	-2.20	21.63	0.145	33.01	-11.38
1857.50	15	64-QAM	1 / 0	22.81	-2.20	20.61	0.115	33.01	-12.40
1860.00	20	QPSK	1 / 0	24.36	-2.20	22.16	0.164	33.01	-10.85
1880.00	20	QPSK	1 / 0	24.47	-2.20	22.27	0.169	33.01	-10.74
1900.00	20	QPSK	1 / 0	24.50	-2.20	22.30	0.170	33.01	-10.71
1900.00	20	16-QAM	1 / 0	23.83	-2.20	21.63	0.146	33.01	-11.38
1860.00	20	64-QAM	1 / 0	22.83	-2.20	20.63	0.116	33.01	-12.38

Table 7-45. EIRP Data (Band 2)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 276 of 373

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	24.46	-2.20	22.26	0.168	33.01	-10.75
1882.50	1.4	QPSK	1 / 3	24.26	-2.20	22.06	0.161	33.01	-10.95
1914.30	1.4	QPSK	1 / 3	24.29	-2.20	22.09	0.162	33.01	-10.92
1850.70	1.4	16-QAM	1 / 0	23.82	-2.20	21.62	0.145	33.01	-11.39
1850.70	1.4	64-QAM	1 / 0	22.87	-2.20	20.67	0.117	33.01	-12.34
1851.50	3	QPSK	1 / 7	24.47	-2.20	22.27	0.168	33.01	-10.74
1882.50	3	QPSK	1 / 7	24.15	-2.20	21.95	0.157	33.01	-11.06
1913.50	3	QPSK	1 / 7	24.15	-2.20	21.95	0.157	33.01	-11.06
1913.50	3	16-QAM	1 / 0	23.83	-2.20	21.63	0.146	33.01	-11.38
1851.50	3	64-QAM	1 / 0	22.85	-2.20	20.65	0.116	33.01	-12.36
1852.50	5	QPSK	1 / 24	24.49	-2.20	22.29	0.169	33.01	-10.72
1882.50	5	QPSK	1 / 0	24.30	-2.20	22.10	0.162	33.01	-10.91
1912.50	5	QPSK	1 / 12	24.50	-2.20	22.30	0.170	33.01	-10.71
1882.50	5	16-QAM	1 / 24	23.78	-2.20	21.58	0.144	33.01	-11.43
1852.50	5	64-QAM	1 / 0	22.81	-2.20	20.61	0.115	33.01	-12.40
1855.00	10	QPSK	1 / 0	24.49	-2.20	22.29	0.170	33.01	-10.72
1882.50	10	QPSK	1 / 0	24.49	-2.20	22.29	0.169	33.01	-10.72
1910.00	10	QPSK	1 / 0	24.47	-2.20	22.27	0.169	33.01	-10.74
1855.00	10	16-QAM	1 / 0	23.81	-2.20	21.61	0.145	33.01	-11.40
1855.00	10	64-QAM	1 / 49	22.82	-2.20	20.62	0.115	33.01	-12.39
1857.50	15	QPSK	1 / 0	24.49	-2.20	22.29	0.170	33.01	-10.72
1882.50	15	QPSK	1 / 0	24.45	-2.20	22.25	0.168	33.01	-10.76
1907.50	15	QPSK	1 / 0	24.49	-2.20	22.29	0.169	33.01	-10.72
1907.50	15	16-QAM	1 / 0	23.72	-2.20	21.52	0.142	33.01	-11.49
1857.50	15	64-QAM	1 / 0	22.81	-2.20	20.61	0.115	33.01	-12.40
1860.00	20	QPSK	1 / 0	24.27	-2.20	22.07	0.161	33.01	-10.94
1882.50	20	QPSK	1 / 0	24.46	-2.20	22.26	0.168	33.01	-10.75
1905.00	20	QPSK	1 / 0	24.50	-2.20	22.30	0.170	33.01	-10.71
1905.00	20	16-QAM	1 / 0	23.76	-2.20	21.56	0.143	33.01	-11.45
1905.00	20	64-QAM	1 / 0	22.87	-2.20	20.67	0.117	33.01	-12.34

Table 7-46. EIRP Data (Band 25)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 277 of 373

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	-2.00	21.50	0.141	23.98	-2.47
2312.50	5	QPSK	1 / 24	23.48	-2.00	21.48	0.141	23.98	-2.50
2312.50	5	16-QAM	1 / 0	23.04	-2.00	21.04	0.127	23.98	-2.94
2312.50	5	64-QAM	1 / 12	21.91	-2.00	19.91	0.098	23.98	-4.07
2310.00	10	QPSK	1 / 0	23.50	-2.00	21.50	0.141	23.98	-2.48
2310.00	10	16-QAM	1 / 0	23.18	-2.00	21.18	0.131	23.98	-2.80
2310.00	10	64-QAM	1 / 0	21.92	-2.00	19.92	0.098	23.98	-4.06

Table 7-47. EIRP Data (Band 30)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 278 of 373

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	23.81	-2.00	21.81	0.152	33.01	-11.20
2535.00	5	QPSK	1 / 24	23.83	-3.80	20.03	0.101	33.01	-12.98
2567.50	5	QPSK	1 / 0	24.00	-3.80	20.20	0.105	33.01	-12.81
2502.50	5	16-QAM	1 / 0	23.32	-2.00	21.32	0.136	33.01	-11.69
2502.50	5	64-QAM	1 / 0	22.65	-2.00	20.65	0.116	33.01	-12.36
2505.00	10	QPSK	1 / 49	24.39	-2.00	22.39	0.173	33.01	-10.62
2535.00	10	QPSK	1 / 0	24.21	-3.80	20.41	0.110	33.01	-12.60
2565.00	10	QPSK	1 / 0	24.21	-3.80	20.41	0.110	33.01	-12.60
2505.00	10	16-QAM	1 / 0	23.56	-2.00	21.56	0.143	33.01	-11.45
2505.00	10	64-QAM	1 / 0	22.71	-3.80	18.91	0.078	33.01	-14.10
2507.50	15	QPSK	1 / 0	24.10	-2.00	22.10	0.162	33.01	-10.91
2535.00	15	QPSK	1 / 0	24.18	-3.80	20.38	0.109	33.01	-12.63
2562.50	15	QPSK	1 / 36	24.13	-3.80	20.33	0.108	33.01	-12.68
2507.50	15	16-QAM	1 / 0	23.54	-2.00	21.54	0.143	33.01	-11.47
2507.50	15	64-QAM	1 / 0	24.39	-2.00	22.39	0.173	33.01	-10.62
2510.00	20	QPSK	1 / 0	24.17	-2.00	22.17	0.165	33.01	-10.84
2535.00	20	QPSK	1 / 0	24.15	-3.80	20.35	0.109	33.01	-12.66
2560.00	20	QPSK	1 / 50	24.17	-3.80	20.37	0.109	33.01	-12.64
2510.00	20	16-QAM	1 / 0	23.73	-2.00	21.73	0.149	33.01	-11.28
2510.00	20	64-QAM	1 / 0	24.39	-2.00	22.39	0.173	33.01	-10.62

Table 7-48. EIRP Data (Band 7)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 279 of 373

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	25.25	-2.00	23.25	0.211	33.01	-9.76
2593.00	5	QPSK	1 / 24	25.22	-3.80	21.42	0.139	33.01	-11.59
2687.50	5	QPSK	1 / 0	25.04	-3.80	21.24	0.133	33.01	-11.77
2498.50	5	16-QAM	1 / 24	24.78	-2.00	22.78	0.190	33.01	-10.23
2498.50	5	64-QAM	1 / 24	23.71	-3.80	19.91	0.098	33.01	-13.10
2501.00	10	QPSK	1 / 25	25.25	-2.00	23.25	0.211	33.01	-9.76
2593.00	10	QPSK	1 / 49	25.11	-3.80	21.31	0.135	33.01	-11.70
2685.00	10	QPSK	1 / 0	24.92	-3.80	21.12	0.129	33.01	-11.89
2501.00	10	16-QAM	1 / 25	24.72	-2.00	22.72	0.187	33.01	-10.29
2501.00	10	64-QAM	1 / 49	23.67	-2.00	21.67	0.147	33.01	-11.34
2503.50	15	QPSK	1 / 36	25.24	-2.00	23.24	0.211	33.01	-9.77
2593.00	15	QPSK	1 / 36	24.91	-3.80	21.11	0.129	33.01	-11.90
2680.00	15	QPSK	1 / 0	24.73	-3.80	20.93	0.124	33.01	-12.08
2503.50	15	16-QAM	1 / 36	24.62	-2.00	22.62	0.183	33.01	-10.39
2503.50	15	64-QAM	1 / 36	23.73	-2.00	21.73	0.149	33.01	-11.28
2506.00	20	QPSK	1 / 99	25.25	-2.00	23.25	0.211	33.01	-9.76
2593.00	20	QPSK	1 / 99	25.17	-3.80	21.37	0.137	33.01	-11.64
2680.00	20	QPSK	1 / 0	24.88	-3.80	21.08	0.128	33.01	-11.93
2506.00	20	16-QAM	1 / 99	24.73	-2.00	22.73	0.187	33.01	-10.28
2506.00	20	64-QAM	1 / 99	23.67	-2.00	21.67	0.147	33.01	-11.34

Table 7-49. EIRP Data (Band 41)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 280 of 373

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 / 5	21.96	-3.00	18.96	0.079	30.00	-11.04
1732.50	1.4	QPSK	1 / 5	21.68	-3.00	18.68	0.074	30.00	-11.32
1754.30	1.4	QPSK	1 / 0	21.75	-3.00	18.75	0.075	30.00	-11.25
1754.30	1.4	16-QAM	1 / 0	21.33	-3.00	18.33	0.068	30.00	-11.67
1710.70	1.4	64-QAM	1 / 5	20.39	-3.00	17.39	0.055	30.00	-12.61
1711.50	3	QPSK	1 / 7	21.70	-3.00	18.70	0.074	30.00	-11.30
1732.50	3	QPSK	1 / 14	21.57	-3.00	18.57	0.072	30.00	-11.43
1753.50	3	QPSK	1 / 7	21.67	-3.00	18.67	0.074	30.00	-11.33
1753.50	3	16-QAM	1 / 0	21.27	-3.00	18.27	0.067	30.00	-11.73
1711.50	3	64-QAM	1 / 7	20.35	-3.00	17.35	0.054	30.00	-12.65
1712.50	5	QPSK	1 / 24	21.96	-3.00	18.96	0.079	30.00	-11.04
1732.50	5	QPSK	1 / 24	21.73	-3.00	18.73	0.075	30.00	-11.27
1752.50	5	QPSK	1 / 0	21.93	-3.00	18.93	0.078	30.00	-11.07
1752.50	5	16-QAM	1 / 12	21.37	-3.00	18.37	0.069	30.00	-11.63
1712.50	5	64-QAM	1 / 24	21.96	-3.00	18.96	0.079	30.00	-11.04
1715.00	10	QPSK	1 / 0	21.79	-3.00	18.79	0.076	30.00	-11.21
1732.50	10	QPSK	1 / 49	21.74	-3.00	18.74	0.075	30.00	-11.26
1750.00	10	QPSK	1 / 0	21.96	-3.00	18.96	0.079	30.00	-11.04
1750.00	10	16-QAM	1 / 0	21.39	-3.00	18.39	0.069	30.00	-11.61
1715.00	10	64-QAM	1 / 25	20.36	-3.00	17.36	0.054	30.00	-12.64
1717.50	15	QPSK	1 / 36	21.82	-3.00	18.82	0.076	30.00	-11.18
1732.50	15	QPSK	1 / 74	21.76	-3.00	18.76	0.075	30.00	-11.24
1747.50	15	QPSK	1 / 36	21.85	-3.00	18.85	0.077	30.00	-11.15
1717.50	15	16-QAM	1 / 36	21.25	-3.00	18.25	0.067	30.00	-11.75
1747.50	15	64-QAM	1 / 0	21.96	-3.00	18.96	0.079	30.00	-11.04
1720.00	20	QPSK	1 / 0	21.71	-3.00	18.71	0.074	30.00	-11.29
1732.50	20	QPSK	1 / 99	21.86	-3.00	18.86	0.077	30.00	-11.14
1745.00	20	QPSK	1 / 50	21.86	-3.00	18.86	0.077	30.00	-11.14
1732.50	20	16-QAM	1 / 99	21.32	-3.00	18.32	0.068	30.00	-11.68
1732.50	20	64-QAM	1 / 50	21.96	-3.00	18.96	0.079	30.00	-11.04

Table 7-50. EIRP Data (Band 4)

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 281 of 373

Frequency [MHz]	Channel Bandwidth [MHz]	Mod.	RB Size/Offset	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1710.70	1.4	QPSK	1 / 5	22.01	-3.00	19.01	0.080	30.00	-10.99
1745.00	1.4	QPSK	1 / 0	21.99	-3.00	18.99	0.079	30.00	-11.01
1779.30	1.4	QPSK	1 / 5	21.77	-3.00	18.77	0.075	30.00	-11.23
1745.00	1.4	16-QAM	1 / 2	21.41	-3.00	18.41	0.069	30.00	-11.59
1710.70	1.4	64-QAM	1 / 0	20.38	-3.00	17.38	0.055	30.00	-12.62
1711.50	3	QPSK	1 / 14	21.99	-3.00	18.99	0.079	30.00	-11.01
1745.00	3	QPSK	1 / 7	22.01	-3.00	19.01	0.080	30.00	-10.99
1778.50	3	QPSK	1 / 0	21.86	-3.00	18.86	0.077	30.00	-11.14
1745.00	3	16-QAM	1 / 14	21.49	-3.00	18.49	0.071	30.00	-11.51
1711.50	3	64-QAM	1 / 7	20.40	-3.00	17.40	0.055	30.00	-12.60
1712.50	5	QPSK	1 / 24	22.00	-3.00	19.00	0.079	30.00	-11.00
1745.00	5	QPSK	1 / 24	21.83	-3.00	18.83	0.076	30.00	-11.17
1777.50	5	QPSK	1 / 0	21.87	-3.00	18.87	0.077	30.00	-11.13
1745.00	5	16-QAM	1 / 24	21.30	-3.00	18.30	0.068	30.00	-11.70
1712.50	5	64-QAM	1 / 0	20.42	-3.00	17.42	0.055	30.00	-12.58
1715.00	10	QPSK	1 / 25	21.98	-3.00	18.98	0.079	30.00	-11.02
1745.00	10	QPSK	1 / 25	21.96	-3.00	18.96	0.079	30.00	-11.04
1775.00	10	QPSK	1 / 25	21.89	-3.00	18.89	0.077	30.00	-11.11
1715.00	10	16-QAM	1 / 49	21.30	-3.00	18.30	0.068	30.00	-11.70
1715.00	10	64-QAM	1 / 49	20.70	-3.00	17.70	0.059	30.00	-12.30
1717.50	15	QPSK	1 / 36	21.99	-3.00	18.99	0.079	30.00	-11.01
1745.00	15	QPSK	1 / 36	21.97	-3.00	18.97	0.079	30.00	-11.03
1772.50	15	QPSK	1 / 36	21.87	-3.00	18.87	0.077	30.00	-11.13
1745.00	15	16-QAM	1 / 36	21.25	-3.00	18.25	0.067	30.00	-11.75
1717.50	15	64-QAM	1 / 0	20.38	-3.00	17.38	0.055	30.00	-12.62
1720.00	20	QPSK	1 / 0	21.89	-3.00	18.89	0.077	30.00	-11.11
1745.00	20	QPSK	1 / 50	22.00	-3.00	19.00	0.079	30.00	-11.00
1770.00	20	QPSK	1 / 50	21.83	-3.00	18.83	0.076	30.00	-11.17
1720.00	20	16-QAM	1 / 50	21.42	-3.00	18.42	0.070	30.00	-11.58
1745.00	20	64-QAM	1 / 99	20.36	-3.00	17.36	0.054	30.00	-12.64

Table 7-51. EIRP Data (Band 66)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 282 of 373

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 / 2	21.83	-1.40	20.43	0.110	33.01	-12.58
1882.50	1.4	QPSK	1 / 0	21.69	-1.40	20.29	0.107	33.01	-12.72
1914.30	1.4	QPSK	1 / 0	21.82	-1.40	20.42	0.110	33.01	-12.59
1914.30	1.4	16-QAM	1 / 0	21.32	-1.40	19.92	0.098	33.01	-13.09
1850.70	1.4	64-QAM	1 / 2	20.27	-1.40	18.87	0.077	33.01	-14.14
1851.50	3	QPSK	1 / 7	21.79	-1.40	20.39	0.109	33.01	-12.62
1882.50	3	QPSK	1 / 7	22.00	-1.40	20.60	0.115	33.01	-12.41
1913.50	3	QPSK	1 / 7	21.82	-1.40	20.42	0.110	33.01	-12.59
1913.50	3	16-QAM	1 / 7	21.28	-1.40	19.88	0.097	33.01	-13.13
1882.50	3	64-QAM	1 / 7	22.00	-1.40	20.60	0.115	33.01	-12.41
1852.50	5	QPSK	1 / 12	21.89	-1.40	20.49	0.112	33.01	-12.52
1882.50	5	QPSK	1 / 0	21.70	-1.40	20.30	0.107	33.01	-12.71
1912.50	5	QPSK	1 / 12	22.00	-1.40	20.60	0.115	33.01	-12.41
1852.50	5	16-QAM	1 / 12	21.83	-1.40	20.43	0.110	33.01	-12.58
1852.50	5	64-QAM	1 / 0	20.30	-1.40	18.90	0.078	33.01	-14.11
1855.00	10	QPSK	1 / 0	21.97	-1.40	20.57	0.114	33.01	-12.44
1882.50	10	QPSK	1 / 0	22.00	-1.40	20.60	0.115	33.01	-12.41
1910.00	10	QPSK	1 / 0	22.00	-1.40	20.60	0.115	33.01	-12.41
1882.50	10	16-QAM	1 / 0	21.40	-1.40	20.00	0.100	33.01	-13.01
1855.00	10	64-QAM	1 / 25	20.34	-1.40	18.94	0.078	33.01	-14.07
1857.50	15	QPSK	1 / 0	21.91	-1.40	20.51	0.112	33.01	-12.50
1882.50	15	QPSK	1 / 0	21.91	-1.40	20.51	0.112	33.01	-12.50
1907.50	15	QPSK	1 / 0	21.95	-1.40	20.55	0.113	33.01	-12.46
1907.50	15	16-QAM	1 / 0	22.00	-1.40	20.60	0.115	33.01	-12.41
1882.50	15	64-QAM	1 / 0	22.00	-1.40	20.60	0.115	33.01	-12.41
1860.00	20	QPSK	1 / 0	21.89	-1.40	20.49	0.112	33.01	-12.52
1882.50	20	QPSK	1 / 0	21.98	-1.40	20.58	0.114	33.01	-12.43
1905.00	20	QPSK	1 / 0	21.95	-1.40	20.55	0.114	33.01	-12.46
1860.00	20	16-QAM	1 / 0	21.47	-1.40	20.07	0.102	33.01	-12.94
1860.00	20	64-QAM	1 / 0	20.32	-1.40	18.92	0.078	33.01	-14.09

Table 7-52. EIRP Data (Band 25)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 283 of 373

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	21.87	-1.40	19.37	0.086	33.01	-13.64
1880.00	1.4	QPSK	1 / 0	21.65	-1.40	19.15	0.082	33.01	-13.86
1909.30	1.4	QPSK	3 / 3	21.54	-1.40	19.04	0.080	33.01	-13.97
1850.70	1.4	16-QAM	1 / 5	21.21	-1.40	18.71	0.074	33.01	-14.30
1880.00	1.4	64-QAM	1 / 5	20.33	-1.40	17.83	0.061	33.01	-15.18
1851.50	3	QPSK	1 / 7	21.88	-1.40	19.38	0.087	33.01	-13.63
1880.00	3	QPSK	1 / 0	21.77	-1.40	19.27	0.085	33.01	-13.74
1908.50	3	QPSK	1 / 14	21.72	-1.40	19.22	0.084	33.01	-13.79
1851.50	3	16-QAM	1 / 14	21.44	-1.40	18.94	0.078	33.01	-14.07
1880.00	3	64-QAM	1 / 7	22.00	-1.40	19.50	0.089	33.01	-13.51
1852.50	5	QPSK	1 / 24	21.89	-1.40	19.39	0.087	33.01	-13.62
1880.00	5	QPSK	1 / 0	21.69	-1.40	19.19	0.083	33.01	-13.83
1907.50	5	QPSK	1 / 0	21.80	-1.40	19.30	0.085	33.01	-13.71
1907.50	5	16-QAM	1 / 24	21.30	-1.40	18.80	0.076	33.01	-14.21
1852.50	5	64-QAM	1 / 0	21.88	-1.40	19.38	0.087	33.01	-13.63
1855.00	10	QPSK	1 / 0	21.79	-1.40	19.29	0.085	33.01	-13.72
1880.00	10	QPSK	1 / 0	21.82	-1.40	19.32	0.086	33.01	-13.69
1905.00	10	QPSK	1 / 0	21.83	-1.40	19.33	0.086	33.01	-13.68
1905.00	10	16-QAM	1 / 0	21.40	-1.40	18.90	0.078	33.01	-14.11
1855.00	10	64-QAM	1 / 0	20.30	-1.40	17.80	0.060	33.01	-15.21
1857.50	15	QPSK	1 / 36	21.71	-1.40	19.21	0.083	33.01	-13.80
1880.00	15	QPSK	1 / 0	21.71	-1.40	19.21	0.083	33.01	-13.80
1902.50	15	QPSK	1 / 36	21.70	-1.40	19.20	0.083	33.01	-13.81
1902.50	15	16-QAM	1 / 36	21.27	-1.40	18.77	0.075	33.01	-14.24
1880.00	15	64-QAM	1 / 0	22.00	-1.40	19.50	0.089	33.01	-13.51
1860.00	20	QPSK	1 / 0	21.71	-1.40	19.21	0.083	33.01	-13.80
1880.00	20	QPSK	1 / 0	21.80	-1.40	19.30	0.085	33.01	-13.71
1900.00	20	QPSK	1 / 0	21.73	-1.40	19.23	0.084	33.01	-13.78
1900.00	20	16-QAM	1 / 0	21.38	-1.40	18.88	0.077	33.01	-14.13
1900.00	20	64-QAM	1 / 0	21.83	-1.40	19.33	0.086	33.01	-13.68

Table 7-53. EIRP Data (Band 2)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 284 of 373

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	21.93	0.00	21.93	0.156	23.98	-2.05
2312.50	5	QPSK	1 / 24	22.00	0.00	22.00	0.158	23.98	-1.98
2312.50	5	16-QAM	1 / 24	21.31	0.00	21.31	0.135	23.98	-2.67
2307.50	5	64-QAM	1 / 0	20.53	0.00	20.53	0.113	23.98	-3.45
2310.00	10	QPSK	1 / 0	21.98	0.00	21.98	0.158	23.98	-2.00
2310.00	10	16-QAM	1 / 0	21.35	0.00	21.35	0.136	23.98	-2.63
2310.00	10	64-QAM	1 / 0	20.04	0.00	20.04	0.101	23.98	-3.94

Table 7-54. EIRP Data (Band 30)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 285 of 373

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	21.50	0.00	21.50	0.141	33.01	-11.51
2535.00	5	QPSK	1 / 0	21.28	-4.10	17.18	0.052	33.01	-15.83
2567.50	5	QPSK	1 / 24	21.23	-4.10	17.13	0.052	33.01	-15.88
2502.50	5	16-QAM	1 / 0	20.76	0.00	20.76	0.119	33.01	-12.25
2502.50	5	64-QAM	1 / 12	19.84	0.00	19.84	0.096	33.01	-13.17
2505.00	10	QPSK	1 / 0	21.48	0.00	21.48	0.141	33.01	-11.53
2535.00	10	QPSK	1 / 0	21.50	-4.10	17.40	0.055	33.01	-15.61
2565.00	10	QPSK	1 / 49	21.26	-4.10	17.16	0.052	33.01	-15.85
2505.00	10	16-QAM	1 / 0	20.91	0.00	20.91	0.123	33.01	-12.10
2505.00	10	64-QAM	1 / 49	19.82	0.00	19.82	0.096	33.01	-13.19
2507.50	15	QPSK	1 / 36	21.41	0.00	21.41	0.138	33.01	-11.60
2535.00	15	QPSK	1 / 36	21.49	-4.10	17.39	0.055	33.01	-15.62
2562.50	15	QPSK	1 / 36	21.26	-4.10	17.16	0.052	33.01	-15.85
2507.50	15	16-QAM	1 / 36	20.79	0.00	20.79	0.120	33.01	-12.22
2507.50	15	64-QAM	1 / 0	19.86	0.00	19.86	0.097	33.01	-13.15
2510.00	20	QPSK	1 / 0	21.38	0.00	21.38	0.137	33.01	-11.63
2535.00	20	QPSK	1 / 0	21.50	-4.10	17.40	0.055	33.01	-15.61
2560.00	20	QPSK	1 / 50	21.29	-4.10	17.19	0.052	33.01	-15.82
2510.00	20	16-QAM	1 / 0	21.00	0.00	21.00	0.126	33.01	-12.01
2510.00	20	64-QAM	1 / 0	19.79	0.00	19.79	0.095	33.01	-13.22

Table 7-55. EIRP Data (Band 7)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 286 of 373

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	22.73	0.00	22.73	0.187	33.01	-10.28
2593.00	5	QPSK	1 / 12	22.59	-4.10	18.49	0.071	33.01	-14.52
2680.00	5	QPSK	1 / 0	22.66	-4.10	18.56	0.072	33.01	-14.45
2498.50	5	16-QAM	1 / 12	21.95	0.00	21.95	0.157	33.01	-11.06
2498.50	5	64-QAM	1 / 24	20.52	0.00	20.52	0.113	33.01	-12.49
2501.00	10	QPSK	1 / 49	22.66	0.00	22.66	0.185	33.01	-10.35
2593.00	10	QPSK	1 / 0	22.73	-4.10	18.63	0.073	33.01	-14.38
2680.00	10	QPSK	1 / 0	22.55	-4.10	18.45	0.070	33.01	-14.56
2501.00	10	16-QAM	1 / 49	21.94	0.00	21.94	0.156	33.01	-11.07
2501.00	10	64-QAM	1 / 49	20.58	0.00	20.58	0.114	33.01	-12.43
2503.50	15	QPSK	1 / 36	22.70	0.00	22.70	0.186	33.01	-10.31
2593.00	15	QPSK	1 / 74	22.70	-4.10	18.60	0.072	33.01	-14.41
2680.00	15	QPSK	1 / 36	22.51	-4.10	18.41	0.069	33.01	-14.60
2503.50	15	16-QAM	1 / 36	21.94	0.00	21.94	0.156	33.01	-11.07
2503.50	15	64-QAM	1 / 74	20.62	0.00	20.62	0.115	33.01	-12.39
2506.00	20	QPSK	1 / 99	22.59	0.00	22.59	0.182	33.01	-10.42
2593.00	20	QPSK	1 / 99	22.75	-4.10	18.65	0.073	33.01	-14.36
2680.00	20	QPSK	1 / 0	22.58	-4.10	18.48	0.070	33.01	-14.53
2506.00	20	16-QAM	1 / 99	22.02	0.00	22.02	0.159	33.01	-10.99
2506.00	20	64-QAM	1 / 99	20.75	0.00	20.75	0.119	33.01	-12.26

Table 7-56. EIRP Data (Band 41)

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 287 of 373

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: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Test Setup

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

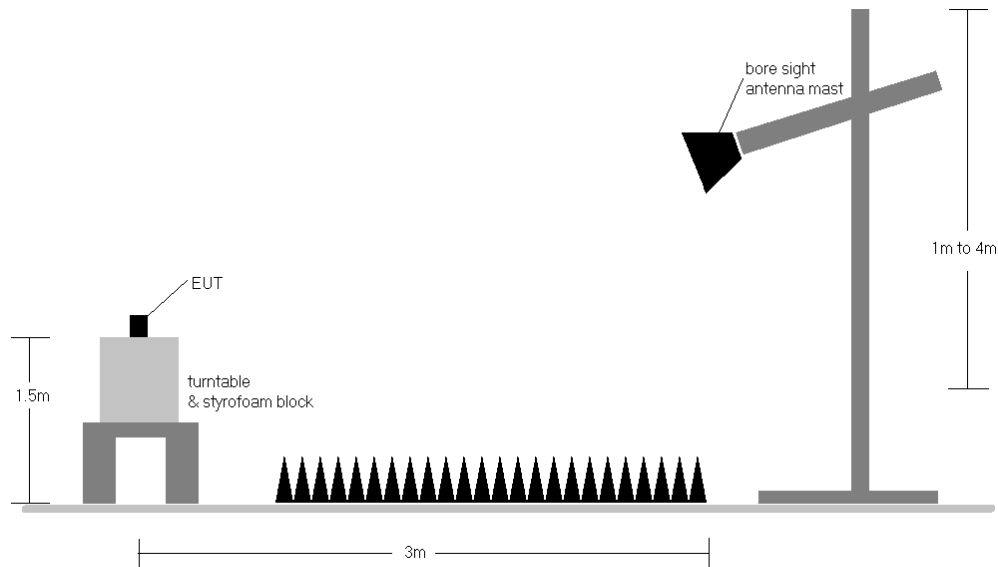


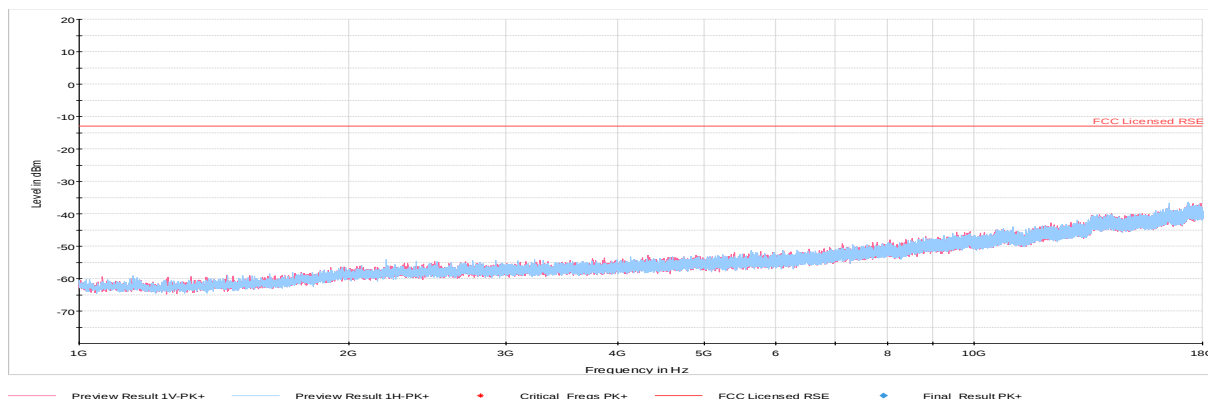
Figure 7-7. Test Instrument & Measurement Setup

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: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.8.1 ANT 3 (Port A) Radiated Spurious Emissions Measurements Band 12/17



Plot 7-412. Radiated Spurious Plot above 1GHz (Band 12)

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	V	-	-	-73.39	3.81	-69.59	-56.6
2112.00	V	336	84	-64.84	3.67	-61.18	-48.2
2816.00	V	-	-	-70.41	5.31	-65.09	-52.1

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

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device		Page 290 of 373

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	V	-	-	-73.42	3.86	-69.55	-56.6
2122.50	V	395	84	-66.95	3.71	-63.24	-50.2
2830.00	V	-	-	-70.37	5.39	-64.98	-52.0

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

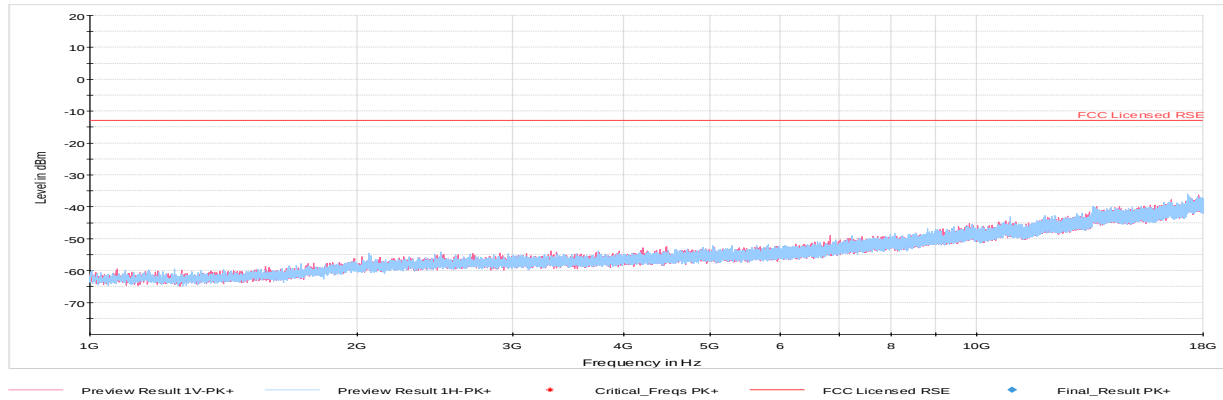
OPERATING FREQUENCY: 711.00 MHz
 CHANNEL: 23130
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

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	V	-	-	-73.34	3.92	-69.42	-56.4
2133.00	V	146	84	-65.08	3.75	-61.33	-48.3
2844.00	V	-	-	-70.52	5.47	-65.05	-52.0

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

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 291 of 373

Band 13



Plot 7-413. 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	V	354	215	-65.27	4.14	-61.13	-48.1
3123.00	V	-	-	-70.91	6.15	-64.76	-51.8

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

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device		Page 292 of 373

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	V	321	124	-64.17	4.16	-60.01	-47.0
3128.00	V	-	-	-70.78	6.17	-64.61	-51.6

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]
2353.50	V	321	118	-63.17	4.18	-58.99	-46.0
3138.00	V	-	-	-71.05	6.20	-64.85	-51.9

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

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 293 of 373

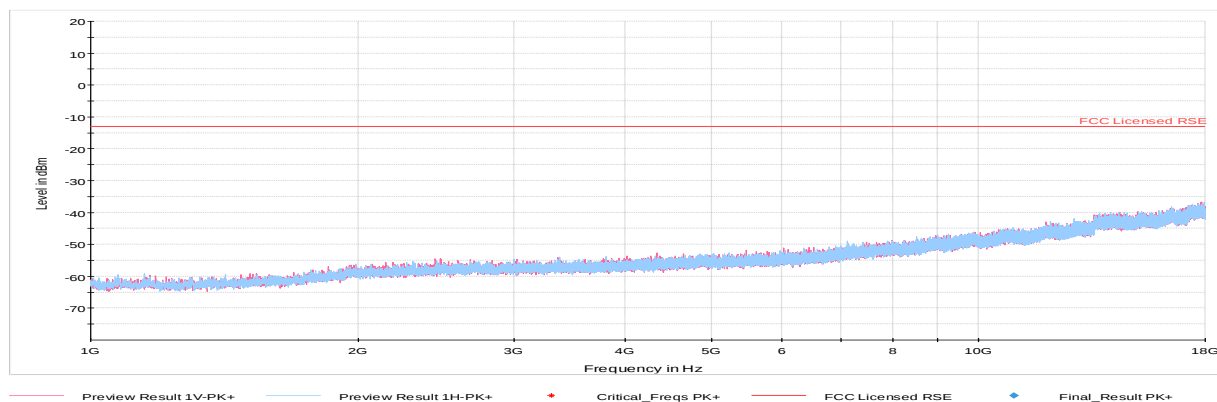
MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.00 MHz
 DISTANCE: 3 meters
 NARROWBAND EMISSION LIMIT: -50 dBm
 WIDEBAND EMISSION LIMIT: -40 dBm/MHz

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	V	-	-	-71.50	4.18	-67.32	-27.3
1564.00	V	-	-	-71.36	4.20	-67.16	-27.2
1569.00	V	-	-	-71.48	4.22	-67.26	-27.3

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

FCC ID: BCGA1895	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 294 of 373

Band 26/5



Plot 7-414. 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	V	106	150	-72.89	4.40	-68.49	-55.5
2487.00	V	102	117	-64.33	4.17	-60.16	-47.2
3316.00	V	-	-	-70.71	6.47	-64.24	-51.2
4145.00	V	-	-	-71.76	7.79	-63.97	-51.0

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

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device		Page 295 of 373

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	V	317	347	-71.90	4.37	-67.53	-54.5
2509.50	V	207	267	-62.43	4.21	-58.22	-45.2
3346.00	V	-	-	-70.95	6.42	-64.53	-51.5
4182.50	V	-	-	-71.40	7.84	-63.56	-50.6

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

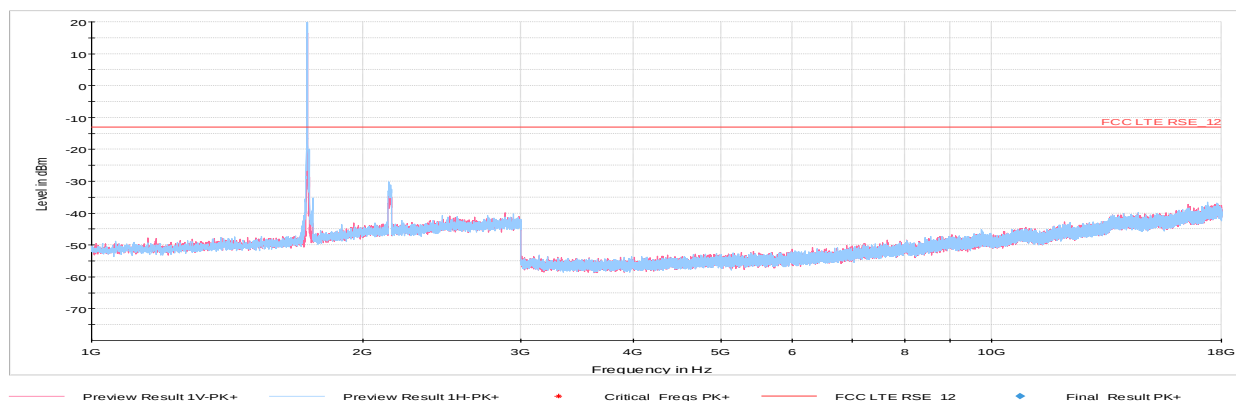
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1688.00	V	313	351	-71.77	4.35	-67.42	-54.4
2532.00	V	252	264	-63.99	4.36	-59.62	-46.6
3376.00	V	-	-	-71.17	6.49	-64.68	-51.7
4220.00	V	-	-	-71.86	7.88	-63.97	-51.0

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

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device		Page 296 of 373

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

Band 66/4



Plot 7-415. Radiated Spurious Plot above 1GHz (Band 66/4)

OPERATING FREQUENCY: 1720.00 MHz
CHANNEL: 132072
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	V	-	-	-71.27	7.57	-63.70	-50.7
5160.00	V	-	-	-72.91	9.78	-63.14	-50.1
6880.00	V	-	-	-71.48	11.00	-60.48	-47.5

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

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device		Page 297 of 373

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	V	-	-	-71.45	7.66	-63.79	-50.8
5235.00	V	-	-	-72.53	9.74	-62.79	-49.8
6980.00	V	-	-	-71.83	11.07	-60.76	-47.8

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

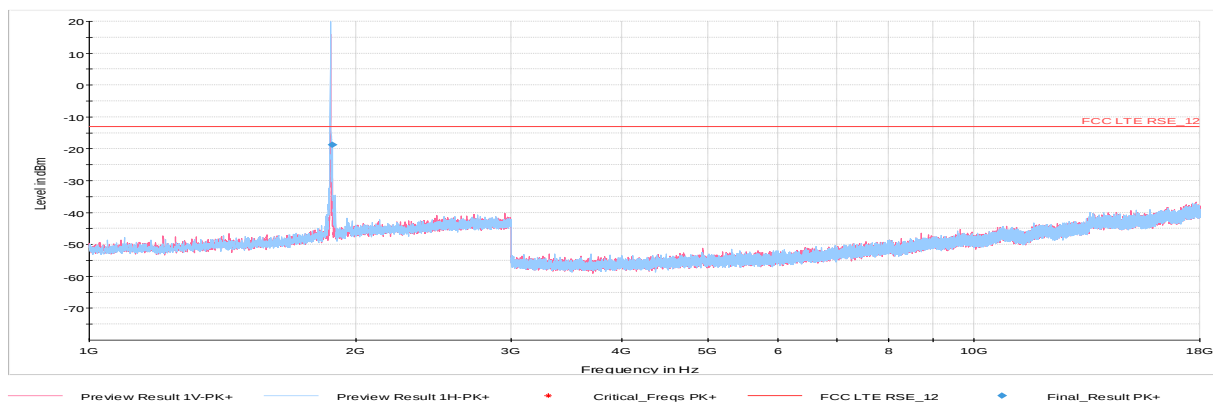
OPERATING FREQUENCY: 1770.00 MHz
 CHANNEL: 132572
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

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	V	-	-	-71.69	7.68	-64.01	-51.0
5310.00	V	-	-	-71.83	9.78	-62.05	-49.0
7080.00	V	-	-	-71.50	11.11	-60.40	-47.4

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

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 298 of 373

Band 25/2



Plot 7-416. 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	V	-	-	-71.26	7.23	-64.03	-51.0
5580.00	V	-	-	-71.61	9.14	-62.47	-49.5
7440.00	V	-	-	-69.62	9.38	-60.24	-47.2

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

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 299 of 373

OPERATING FREQUENCY: 1882.50 MHz
 CHANNEL: 26365
 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]
3765.00	V	-	-	-70.96	7.26	-63.70	-50.7
5647.50	V	-	-	-71.51	9.24	-62.27	-49.3
7530.00	V	-	-	-69.53	9.39	-60.14	-47.1

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

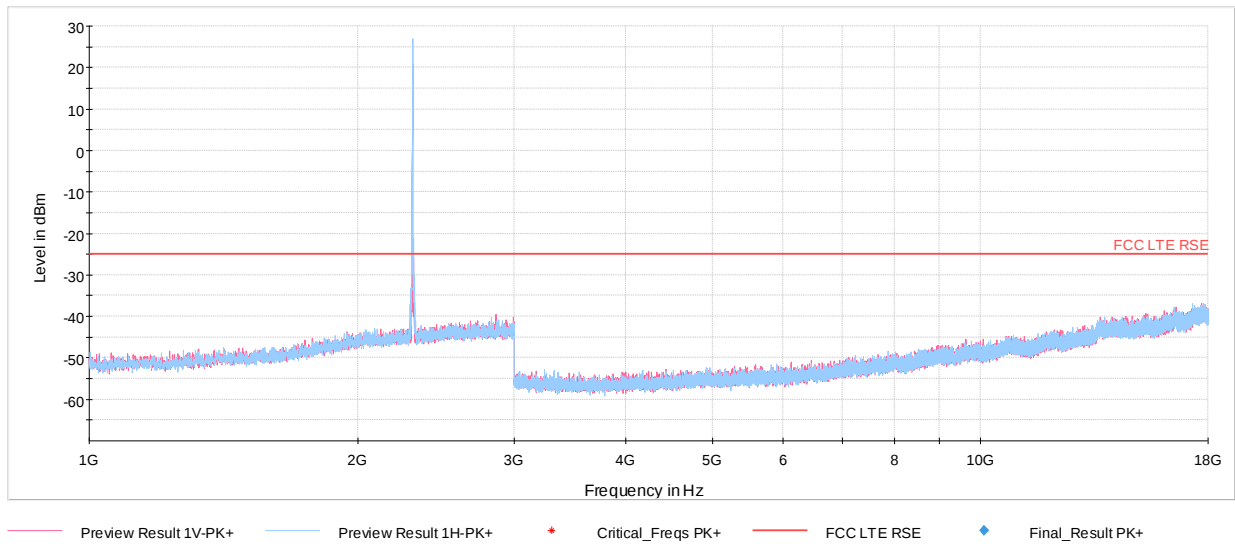
OPERATING FREQUENCY: 1905.00 MHz
 CHANNEL: 26590
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

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	-	-	-71.10	7.35	-63.75	-50.7
5715.00	V	-	-	-71.19	9.26	-61.93	-48.9
7620.00	V	-	-	-69.28	9.36	-59.92	-46.9

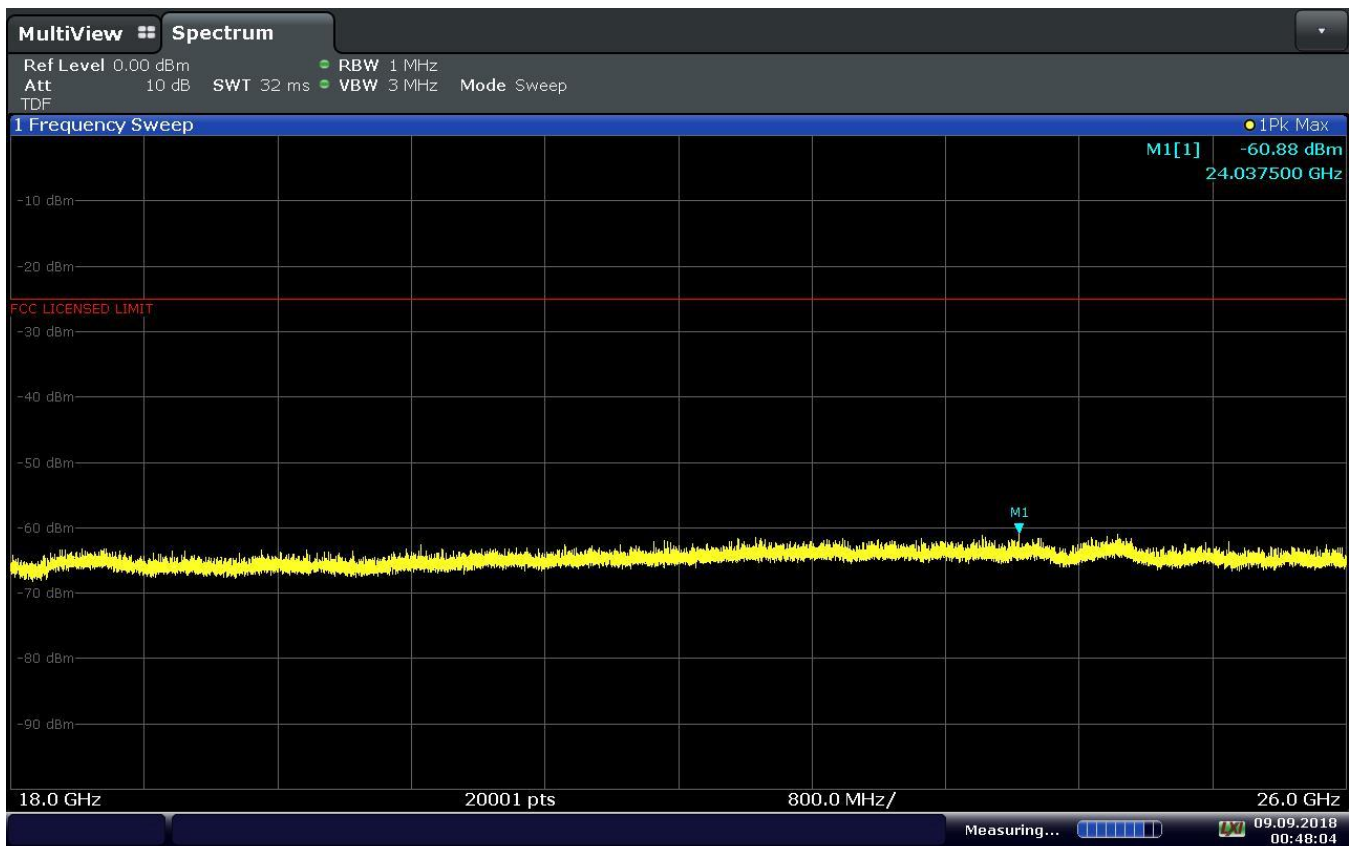
Table 7-72. Radiated Spurious Data (Band 25/2 – High Channel)

FCC ID: BCGA1895		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device	Page 300 of 373

Band 30



Plot 7-417. Radiated Spurious Plot 1GHz - 18GHz (Band 30)



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

FCC ID: BCGA1895	PCTEST ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1806220014-03-R1.BCG	Test Dates: 7/31-10/18/2018	EUT Type: Tablet Device		Page 301 of 373