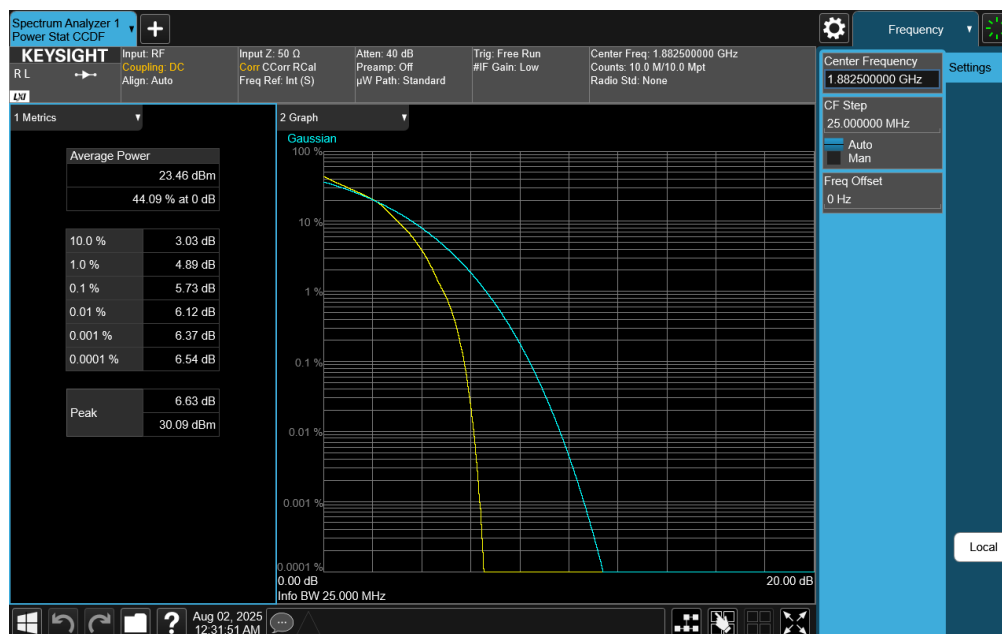
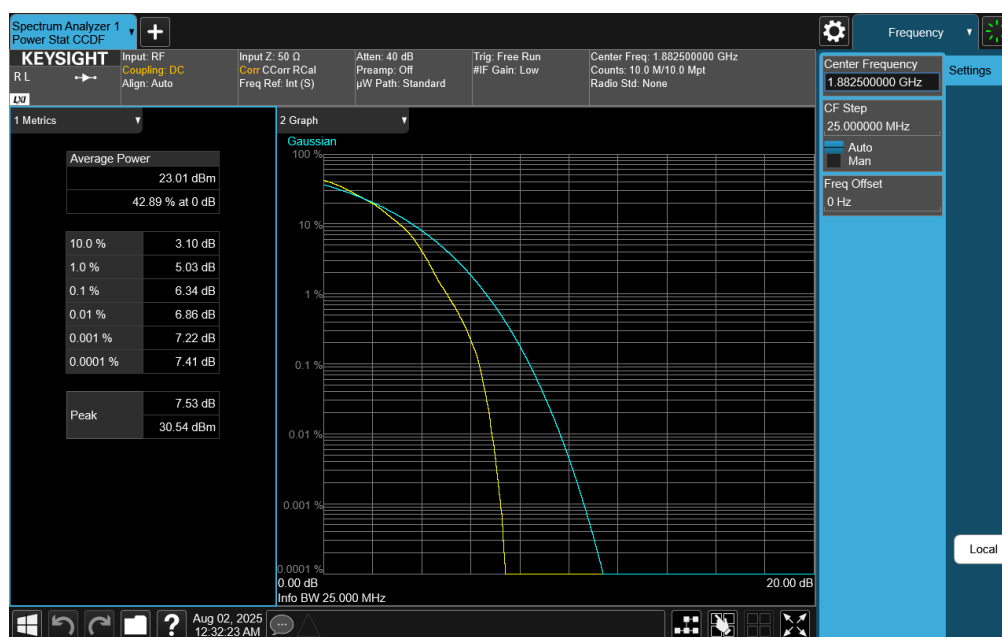




Plot 7-279. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 16-QAM - Full RB)

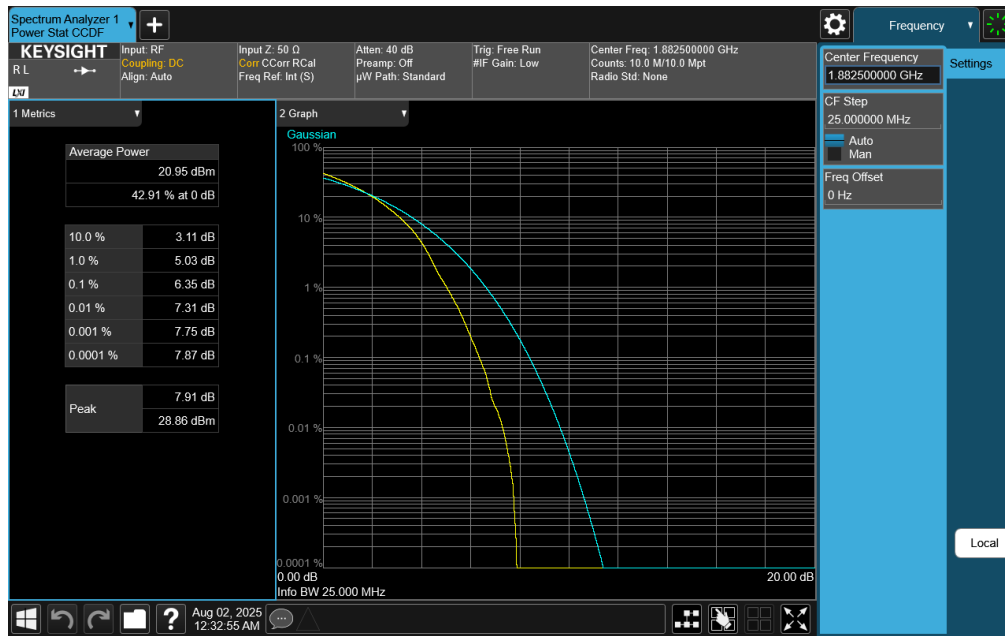


Plot 7-280. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 64-QAM - Full RB)

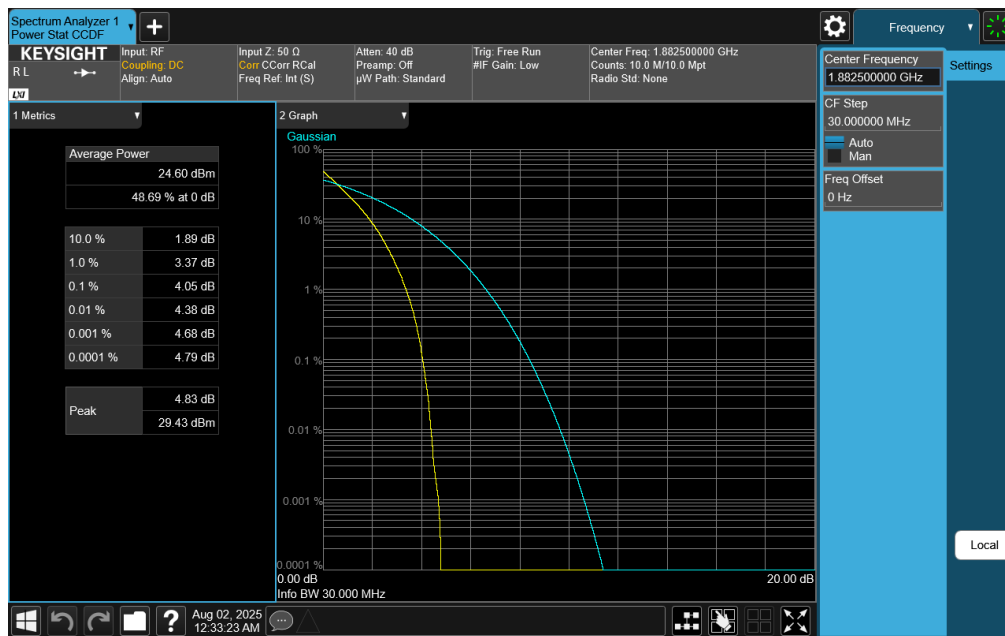
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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Plot 7-281. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 256-QAM - Full RB)

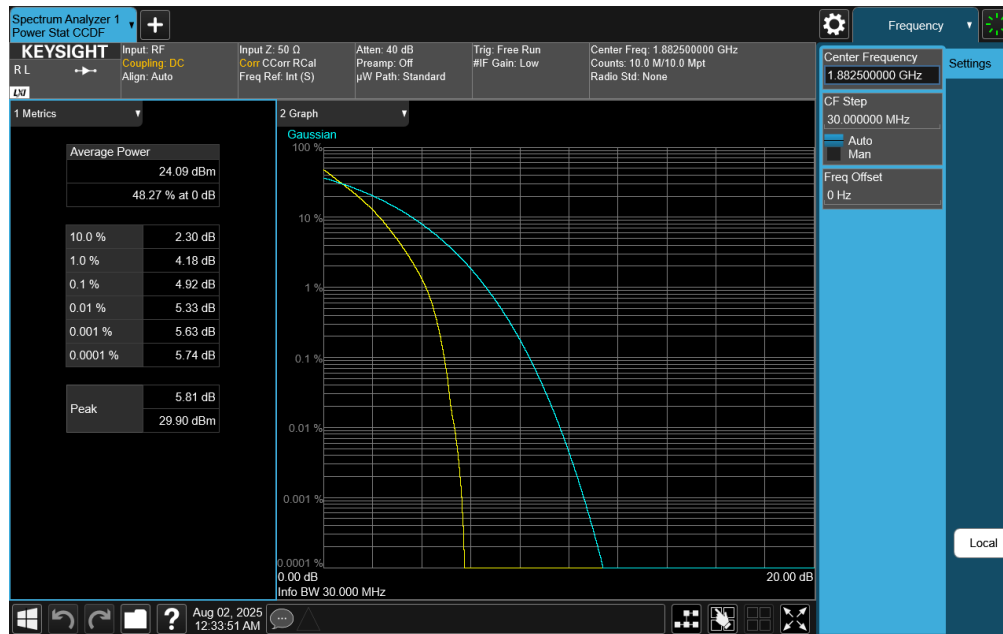


Plot 7-282. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

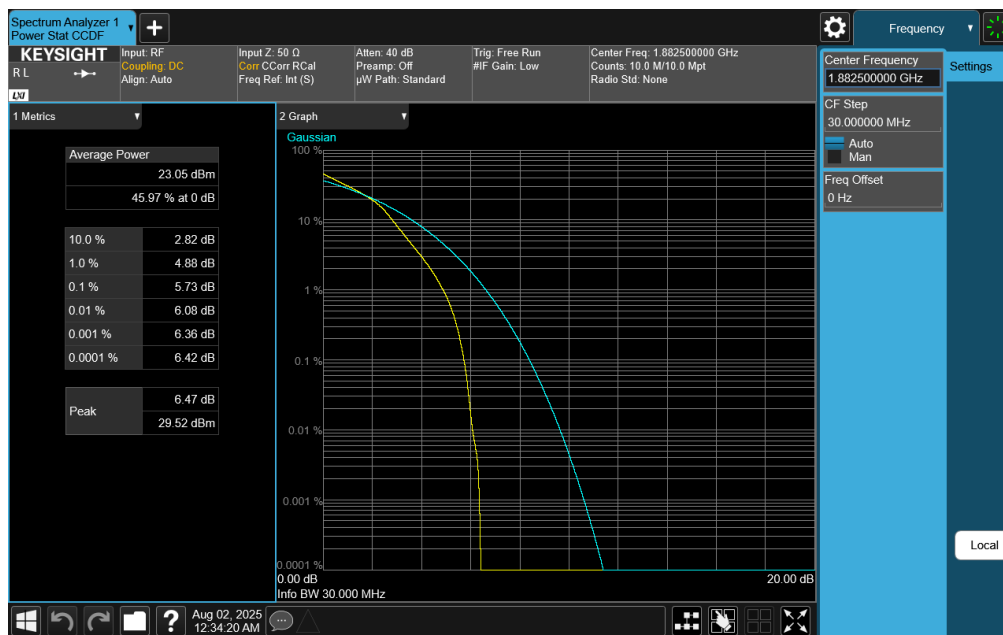
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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Plot 7-283. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM QPSK - Full RB)

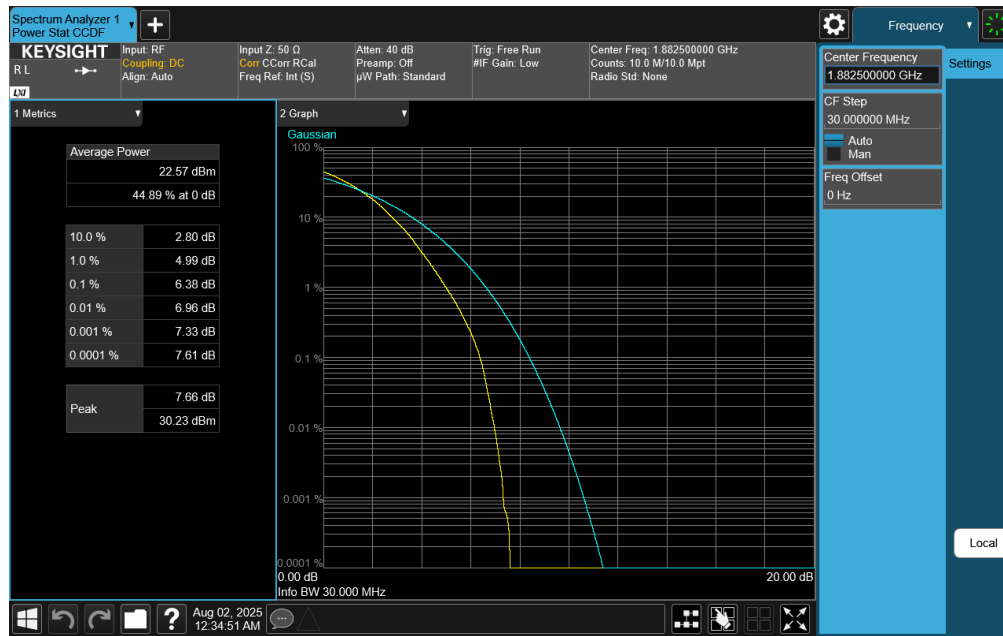


Plot 7-284. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM 16-QAM - Full RB)

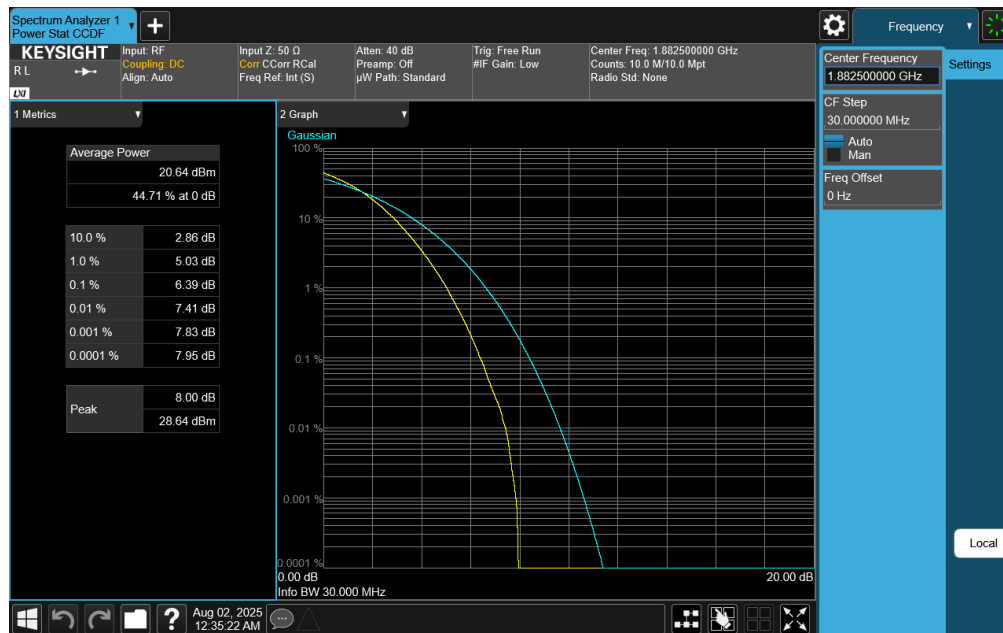
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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Plot 7-285. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM 64-QAM - Full RB)

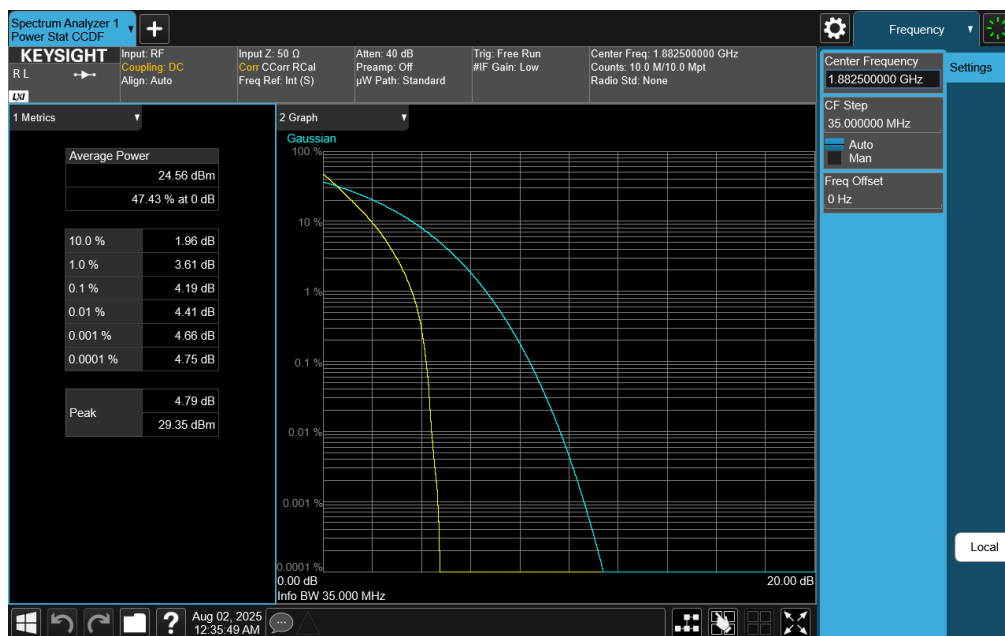


Plot 7-286. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

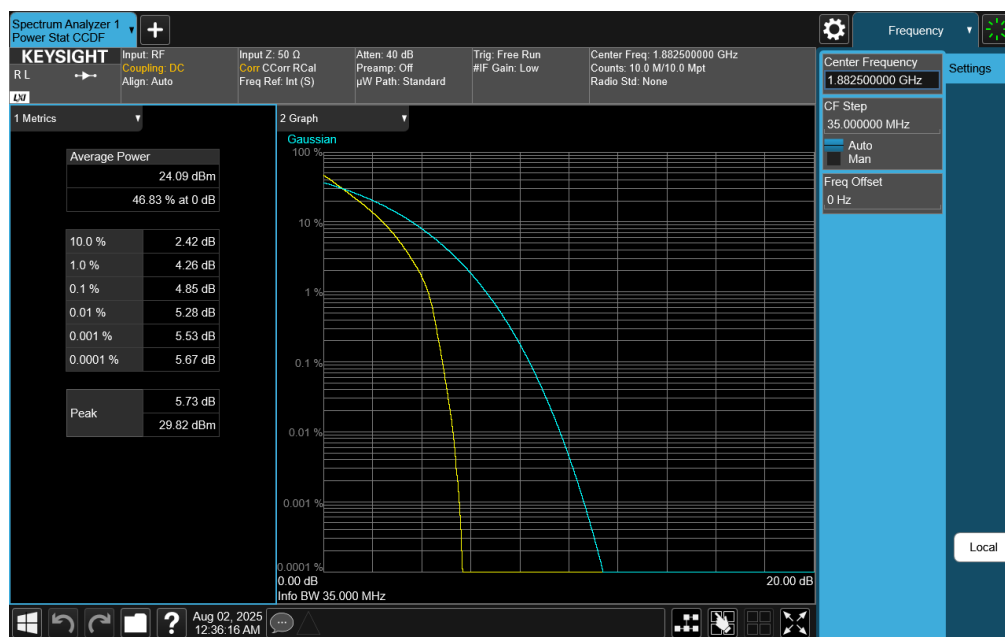
FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device	Page 166 of 238

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Plot 7-287. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

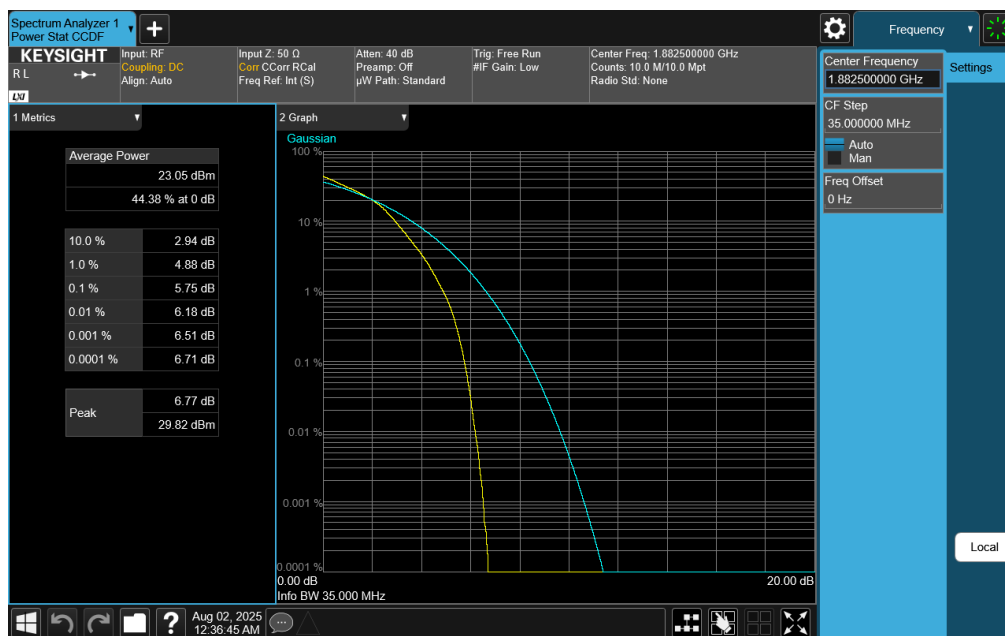


Plot 7-288. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM QPSK - Full RB)

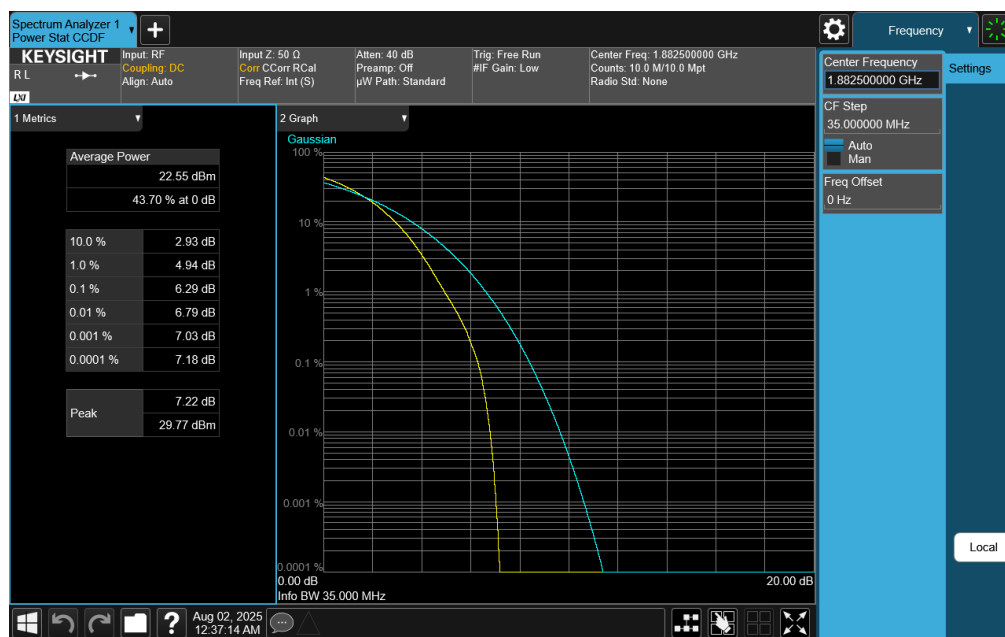
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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Plot 7-289. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 16-QAM - Full RB)

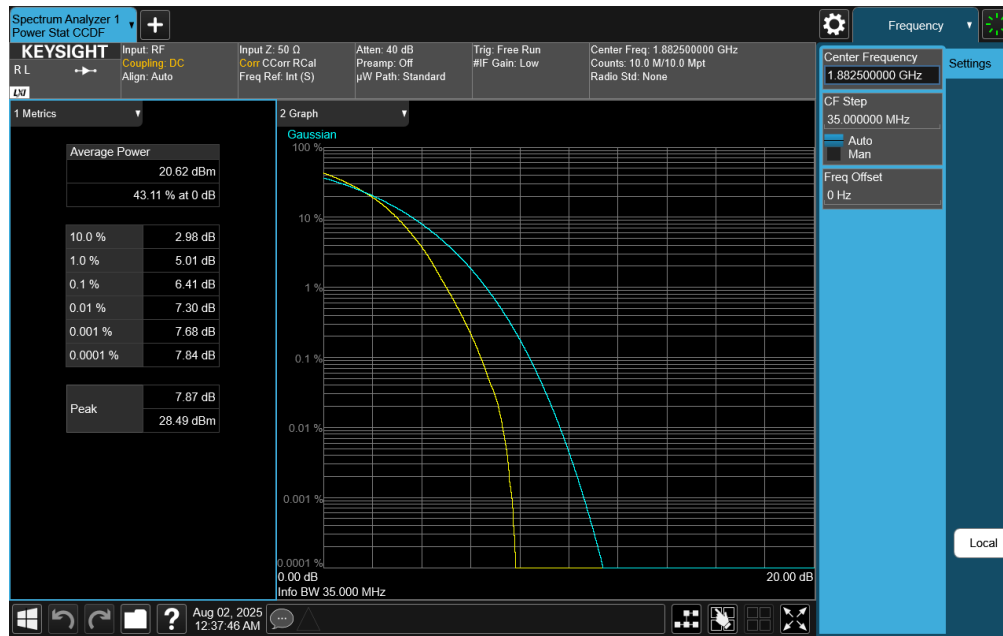


Plot 7-290. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 64-QAM - Full RB)

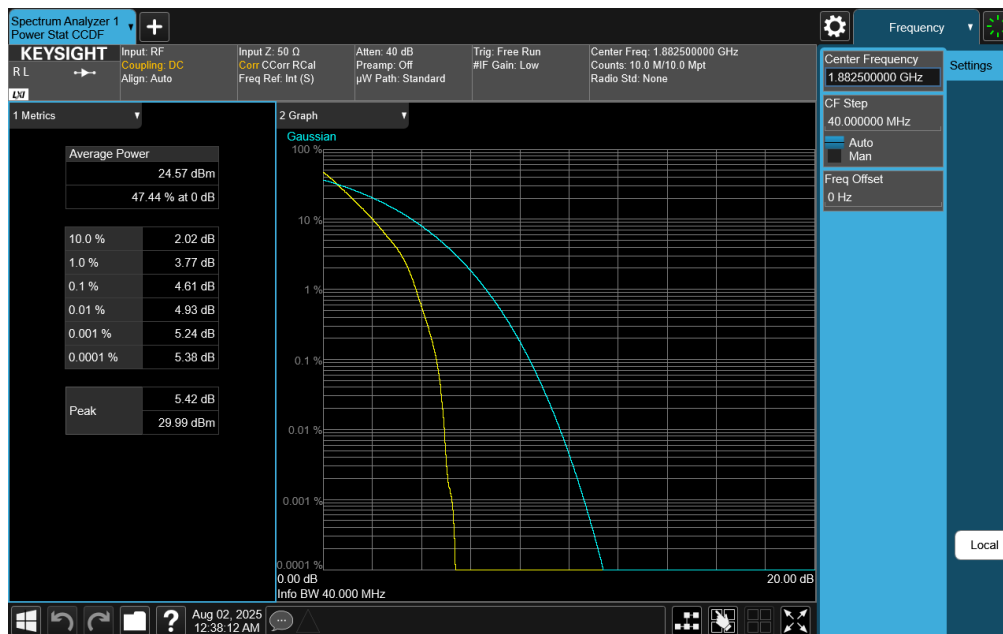
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-291. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 256-QAM - Full RB)

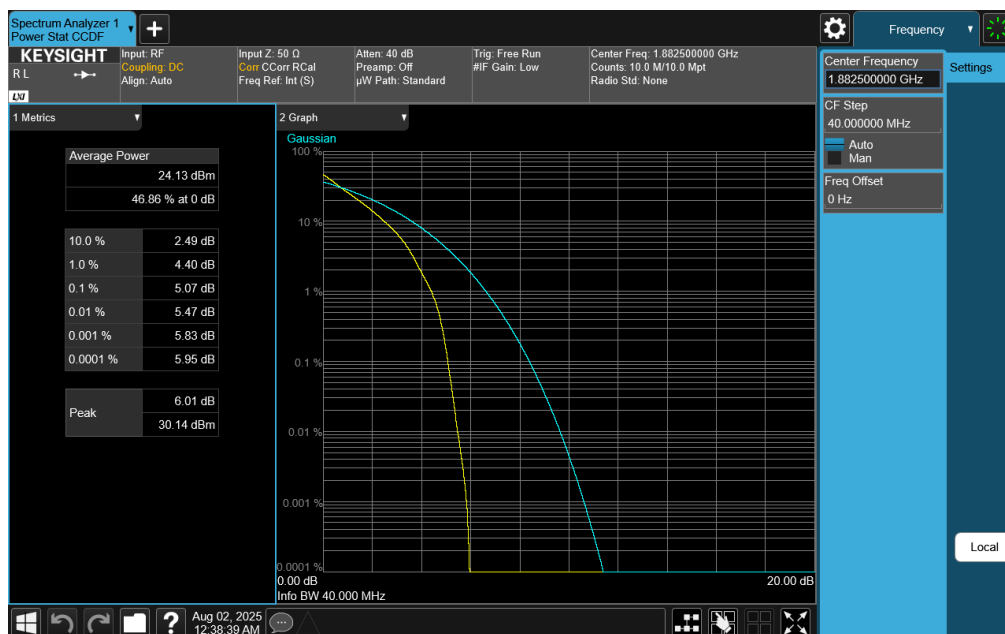


Plot 7-292. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

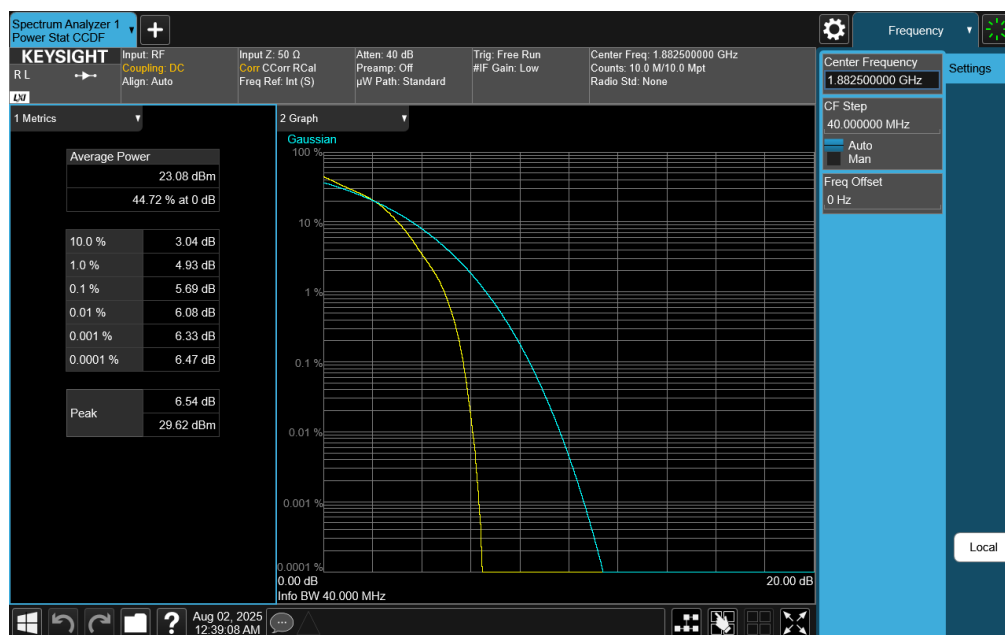
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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Plot 7-293. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM QPSK - Full RB)

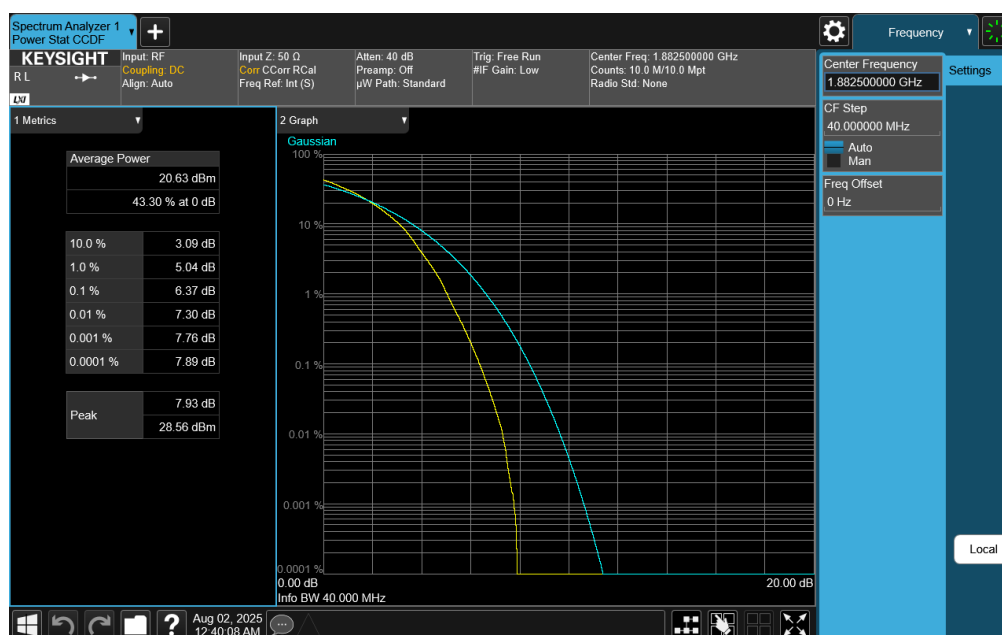
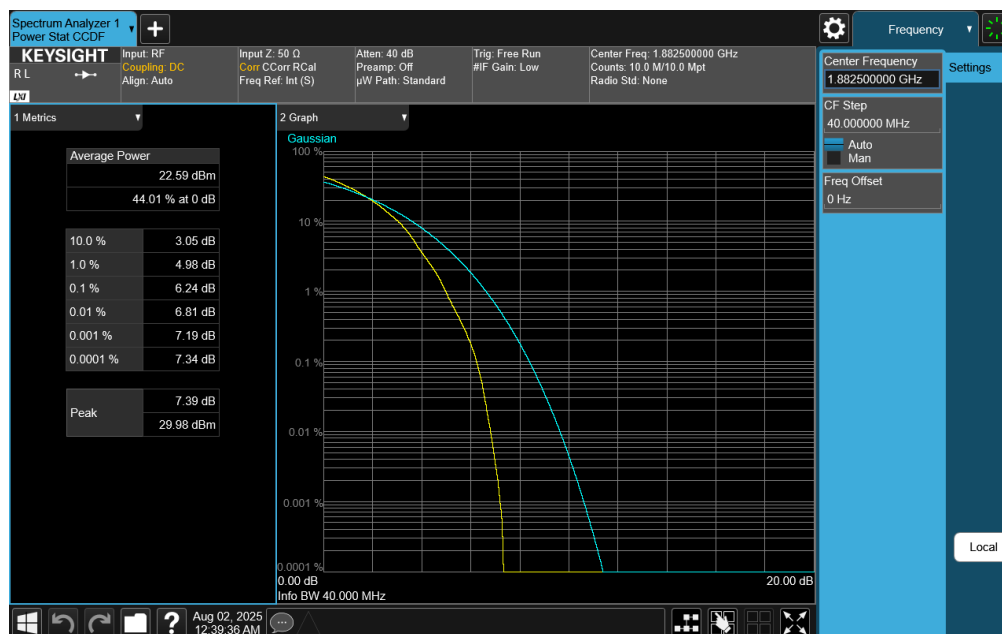


Plot 7-294. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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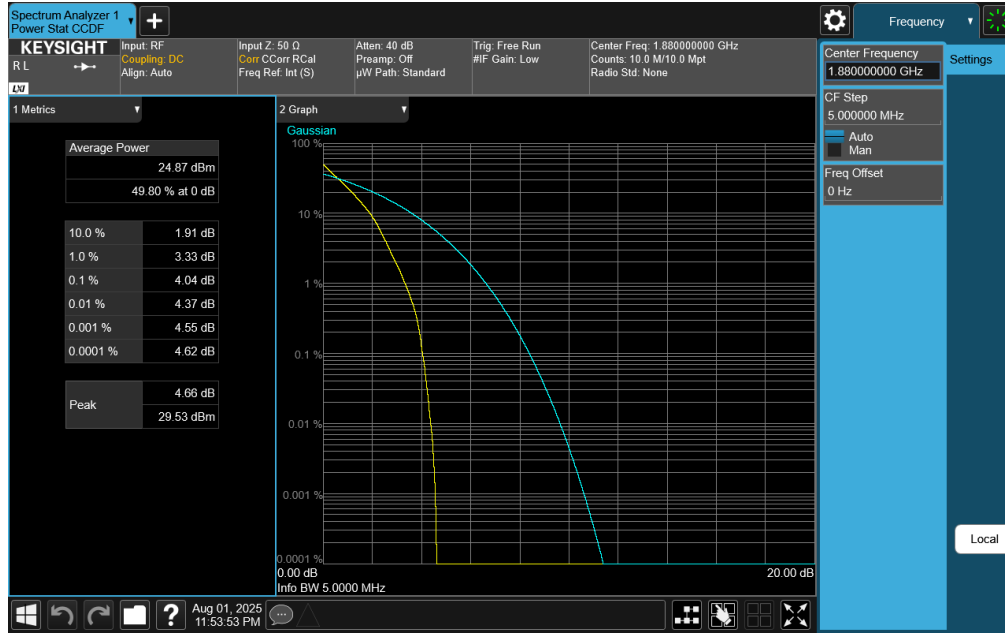


FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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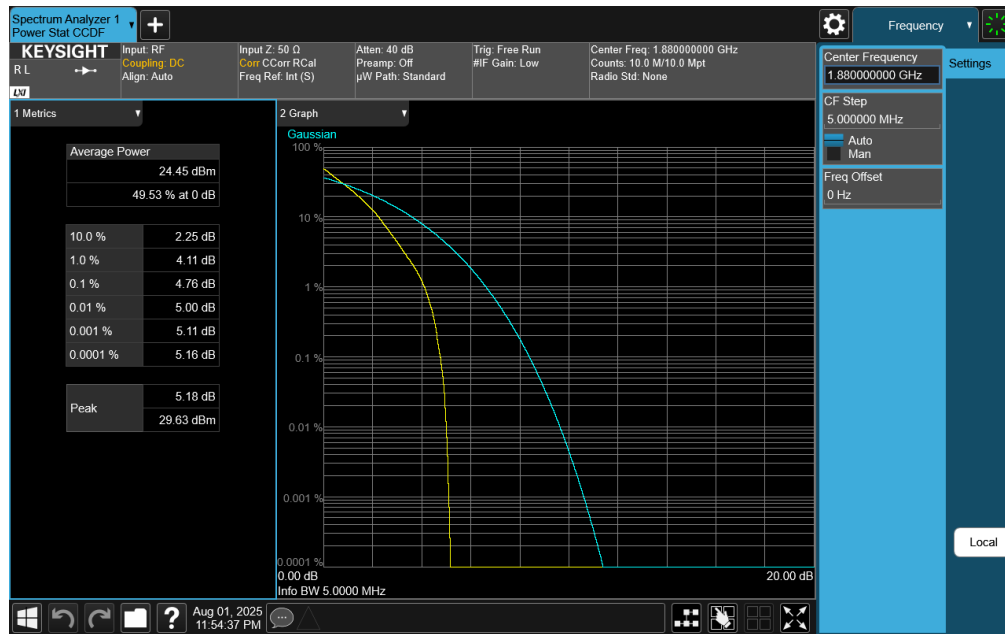
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NR Band n2



Plot 7-297. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

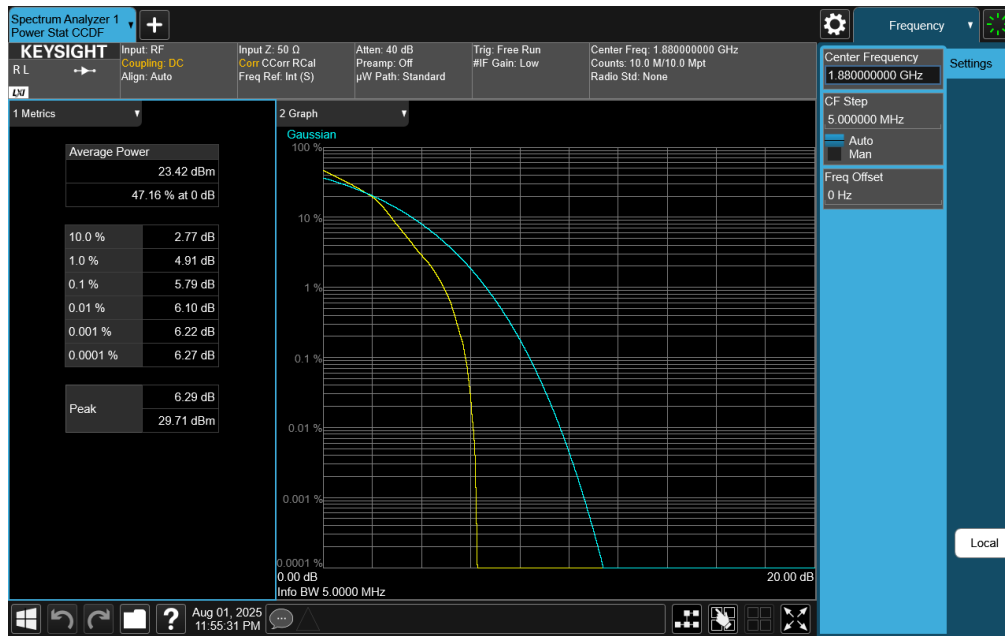


Plot 7-298. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM QPSK - Full RB)

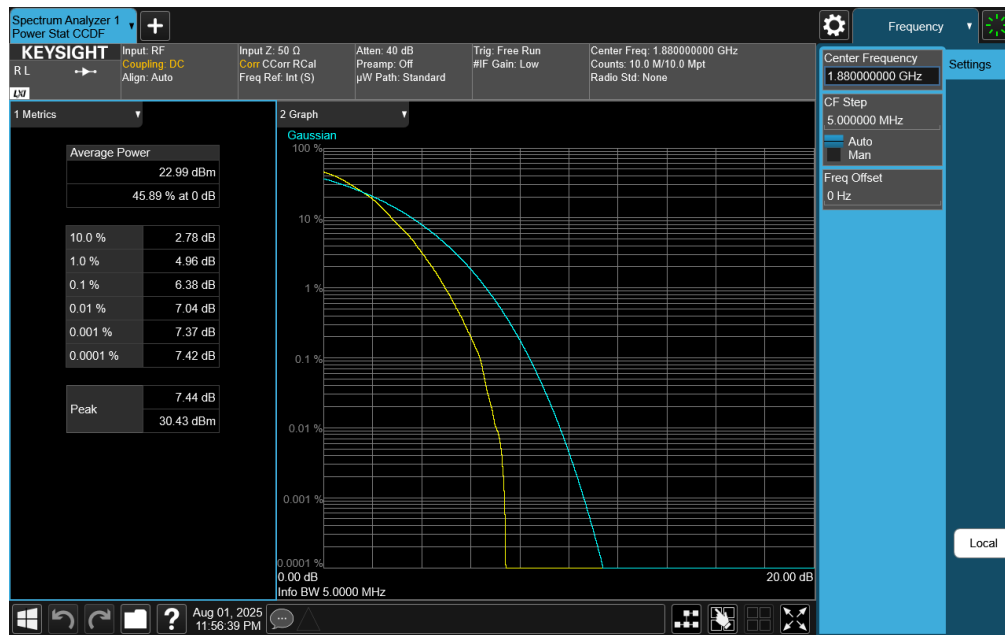
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-299. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 16-QAM - Full RB)

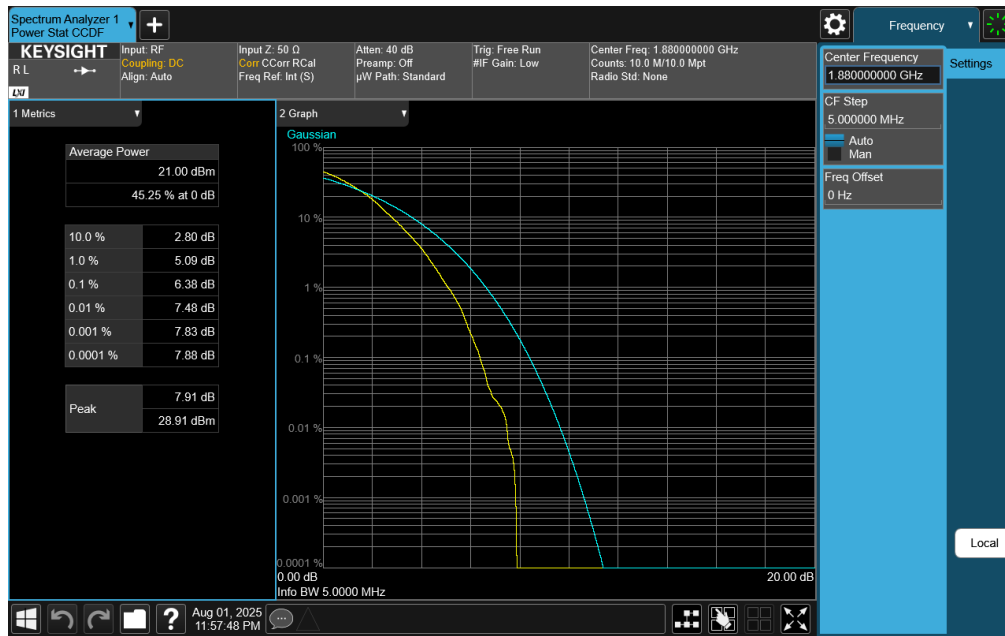


Plot 7-300. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 64-QAM - Full RB)

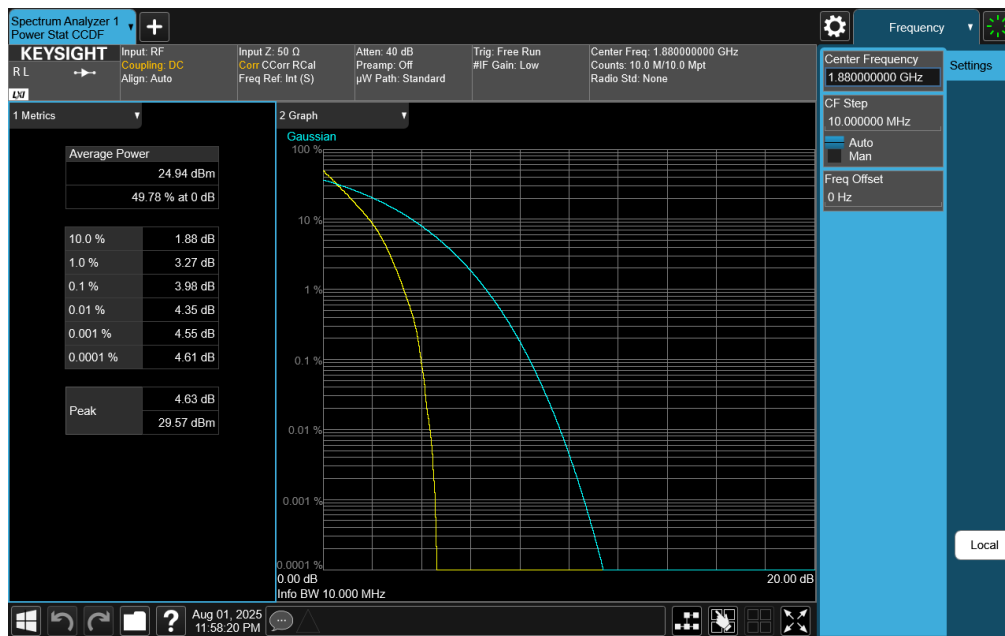
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-301. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 256-QAM - Full RB)

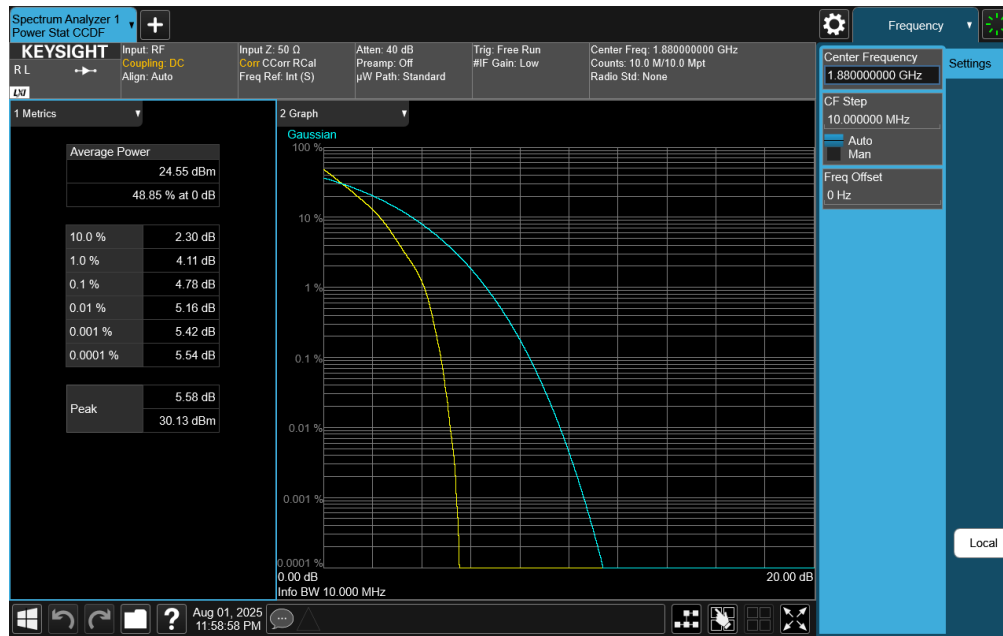


Plot 7-302. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

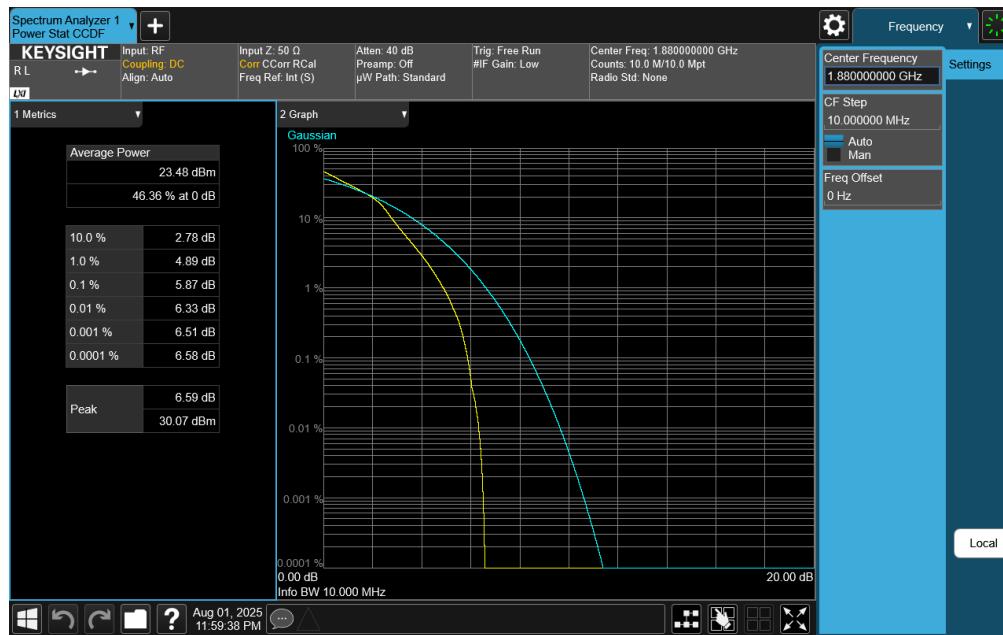
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-303. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM QPSK - Full RB)

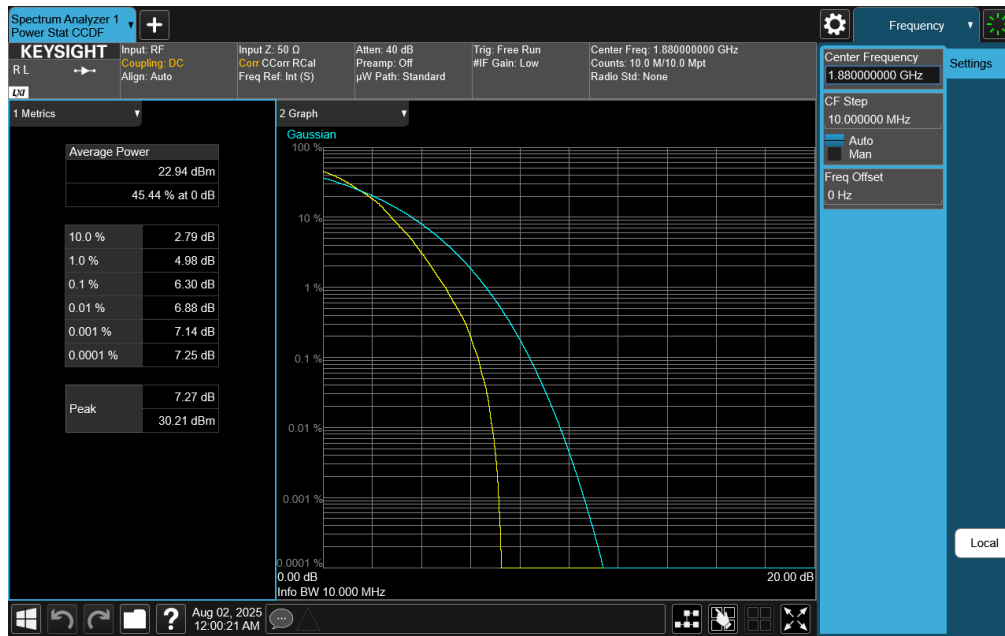


Plot 7-304. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 16-QAM - Full RB)

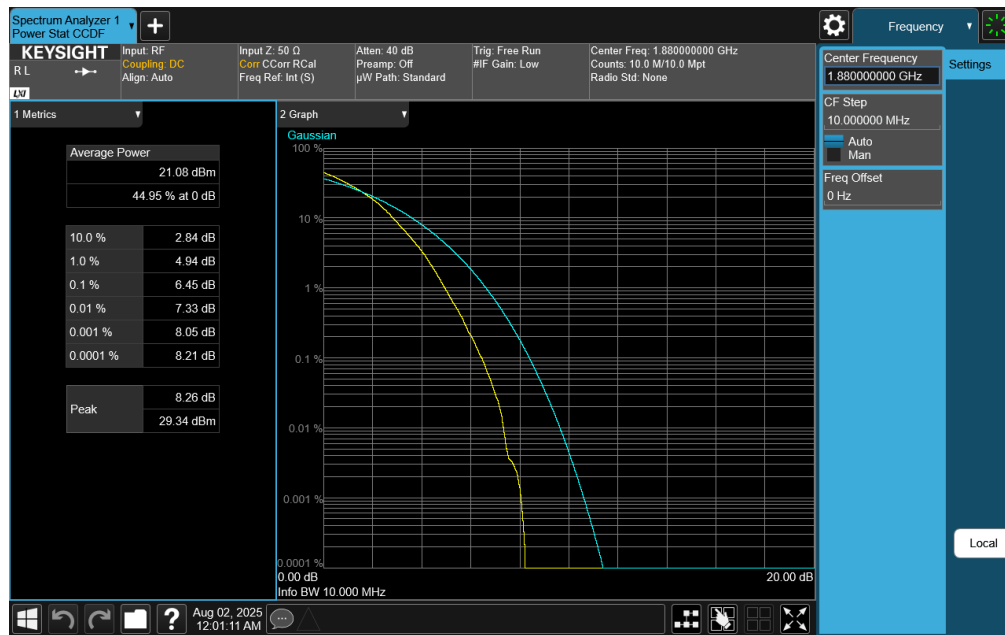
FCC ID: BCGA3462	element	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device	Page 175 of 238

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Plot 7-305. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

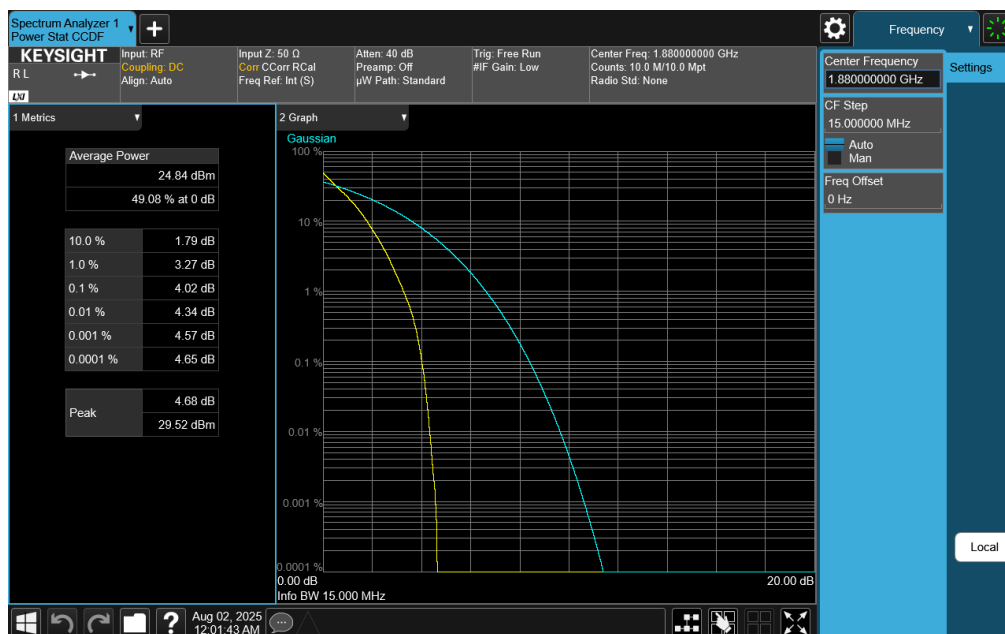


Plot 7-306. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 256-QAM - Full RB)

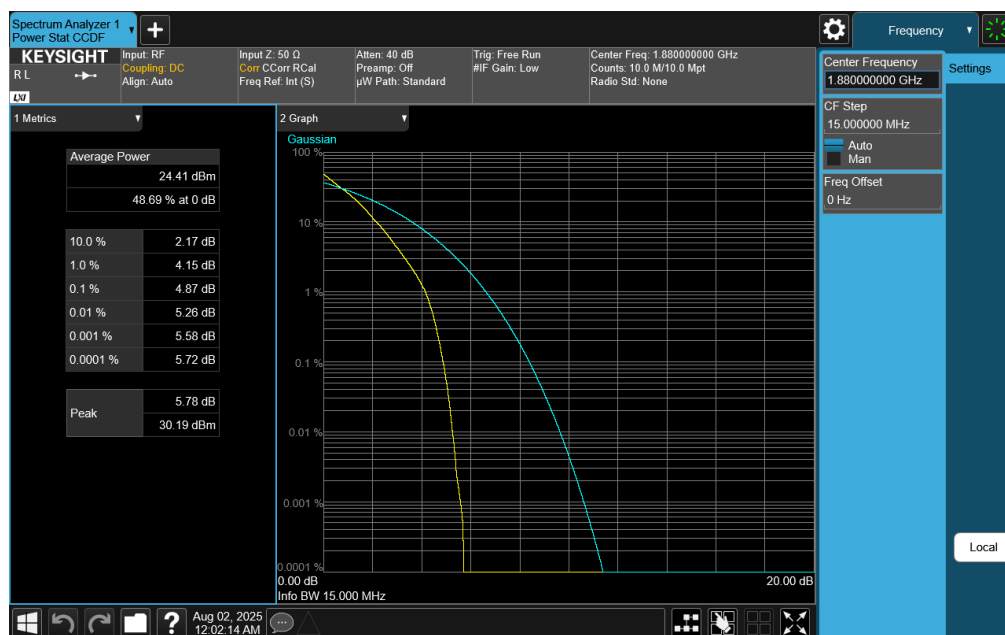
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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Plot 7-307. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

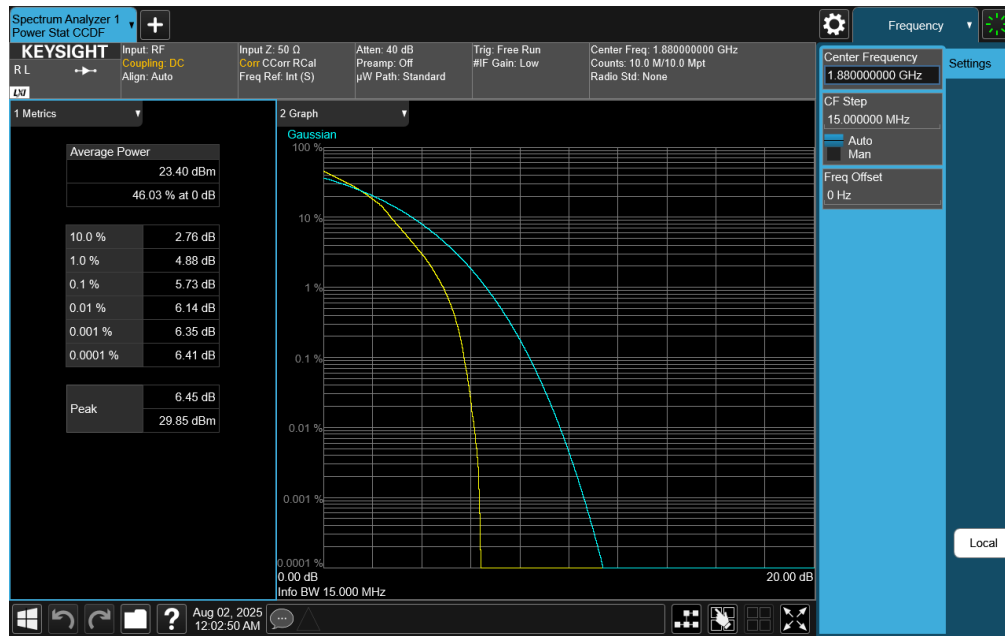


Plot 7-308. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM QPSK - Full RB)

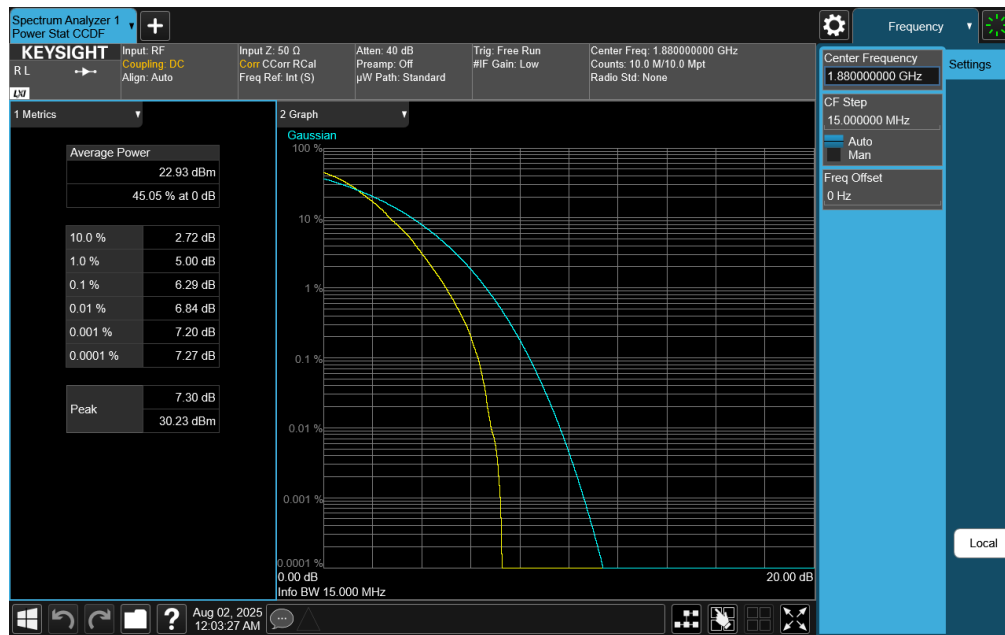
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-309. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 16-QAM - Full RB)

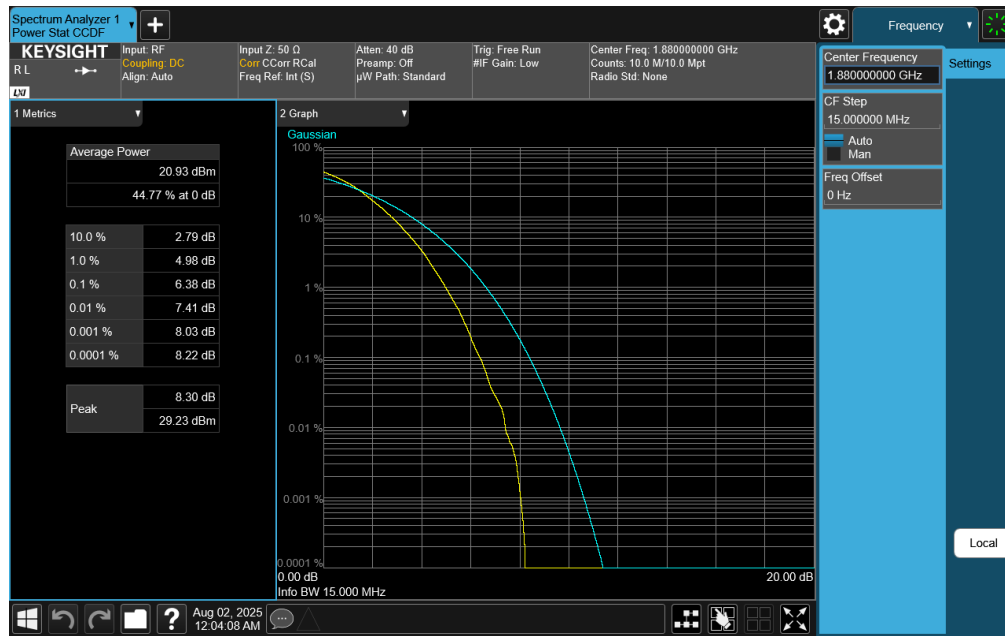


Plot 7-310. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 64-QAM - Full RB)

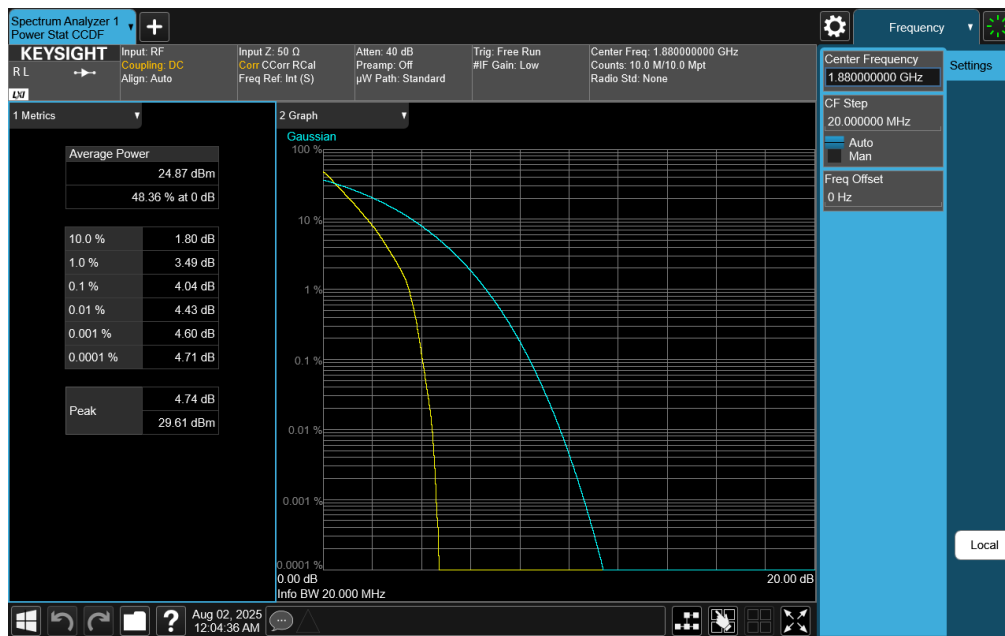
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-311. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 256-QAM - Full RB)

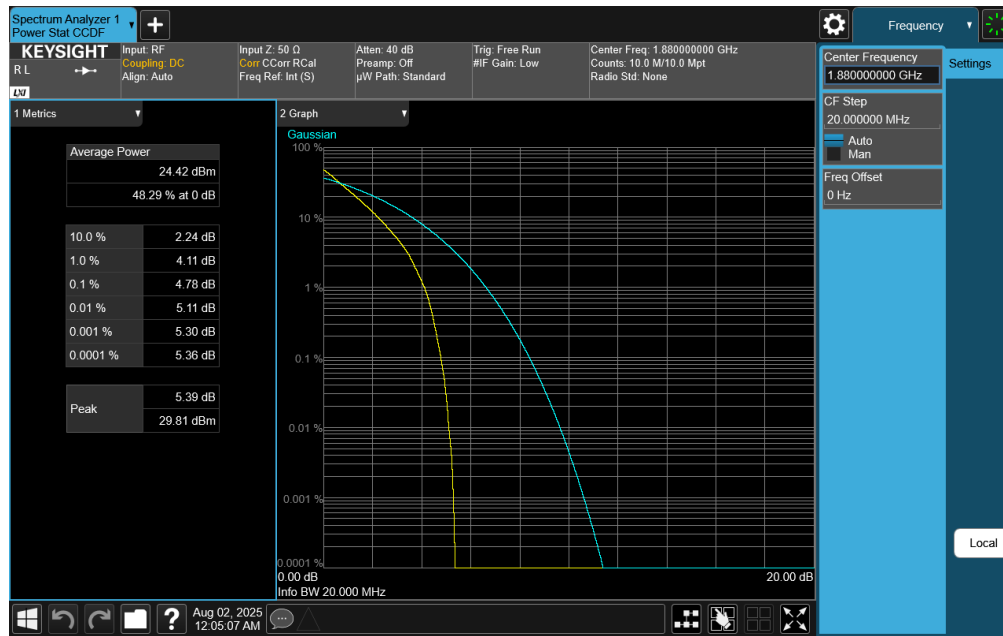


Plot 7-312. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

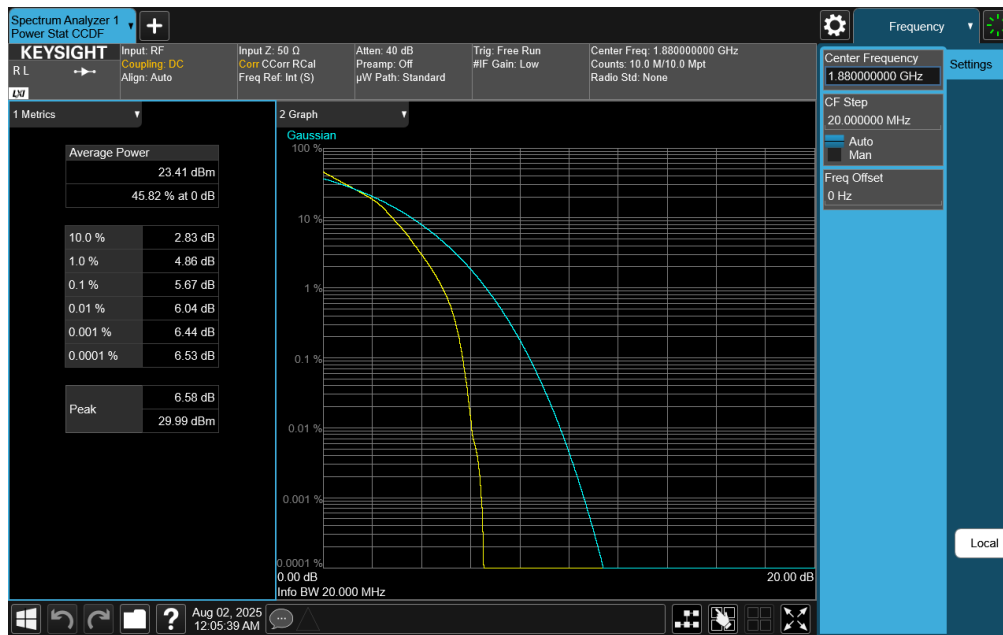
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-313. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM QPSK - Full RB)

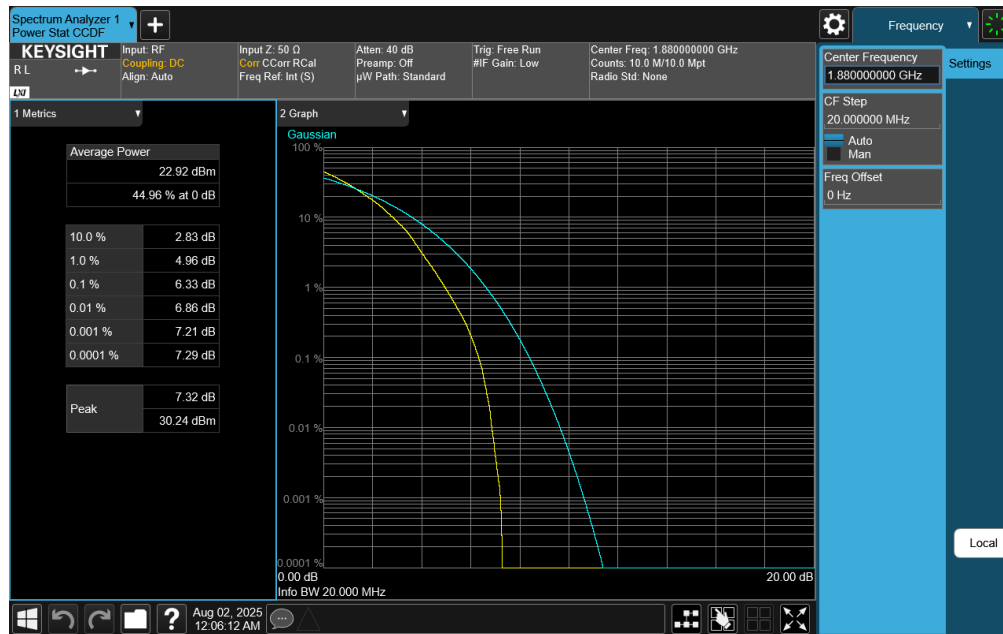


Plot 7-314. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 16-QAM - Full RB)

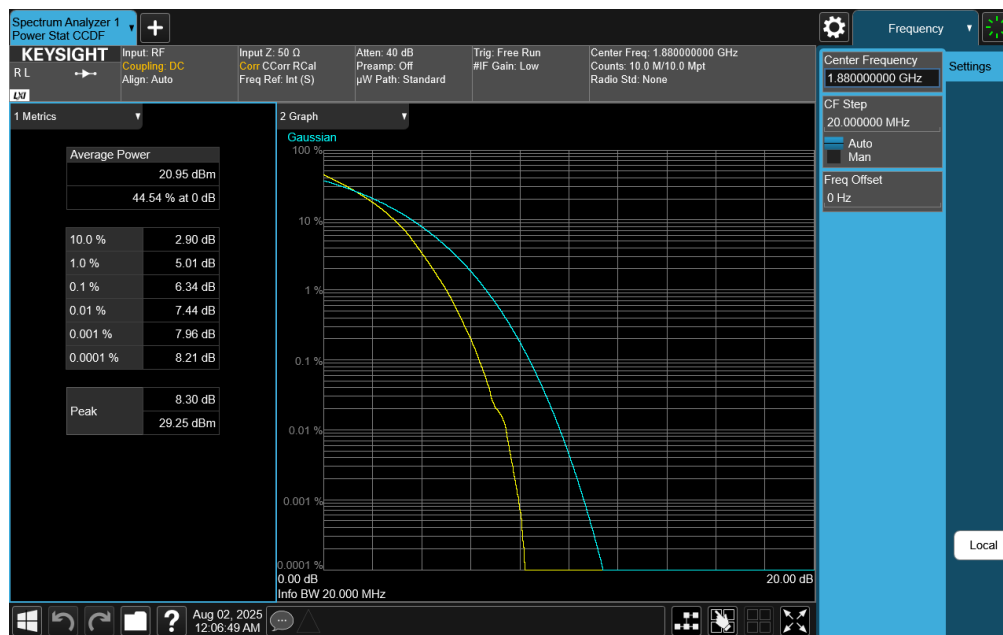
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-315. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 64-QAM - Full RB)

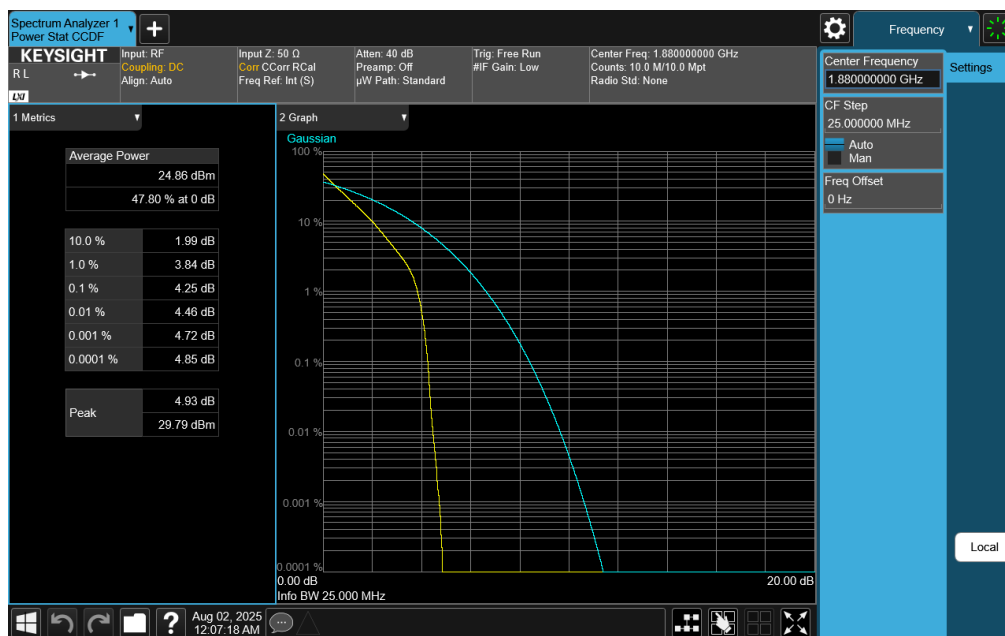


Plot 7-316. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 256-QAM - Full RB)

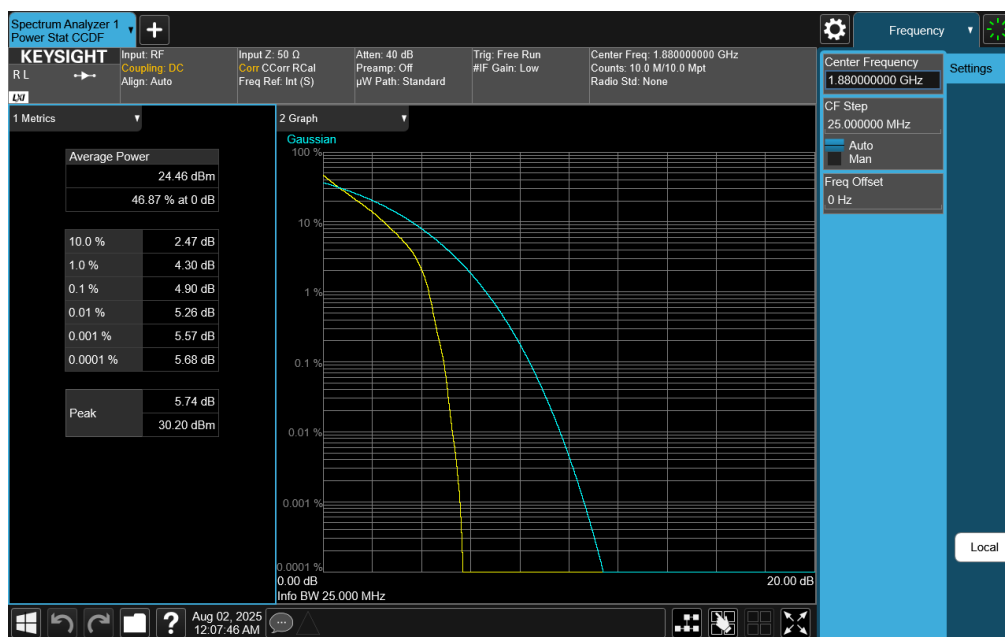
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-317. PAR Plot (NR Band n2 - 25MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

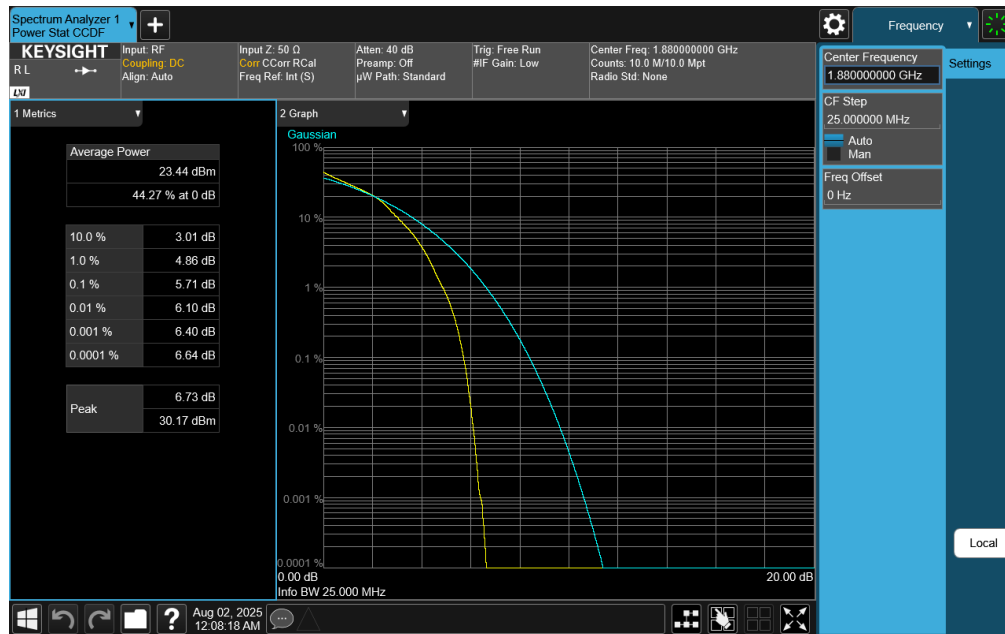


Plot 7-318. PAR Plot (NR Band n2 - 25MHz DFT-s-OFDM QPSK - Full RB)

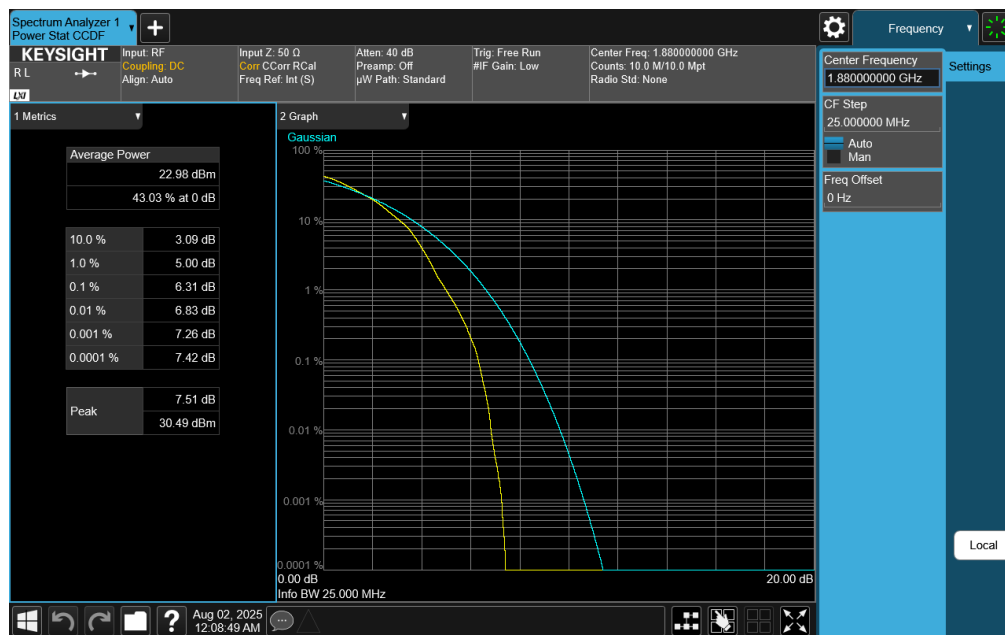
FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-319. PAR Plot (NR Band n2 - 25MHz DFT-s-OFDM 16-QAM - Full RB)

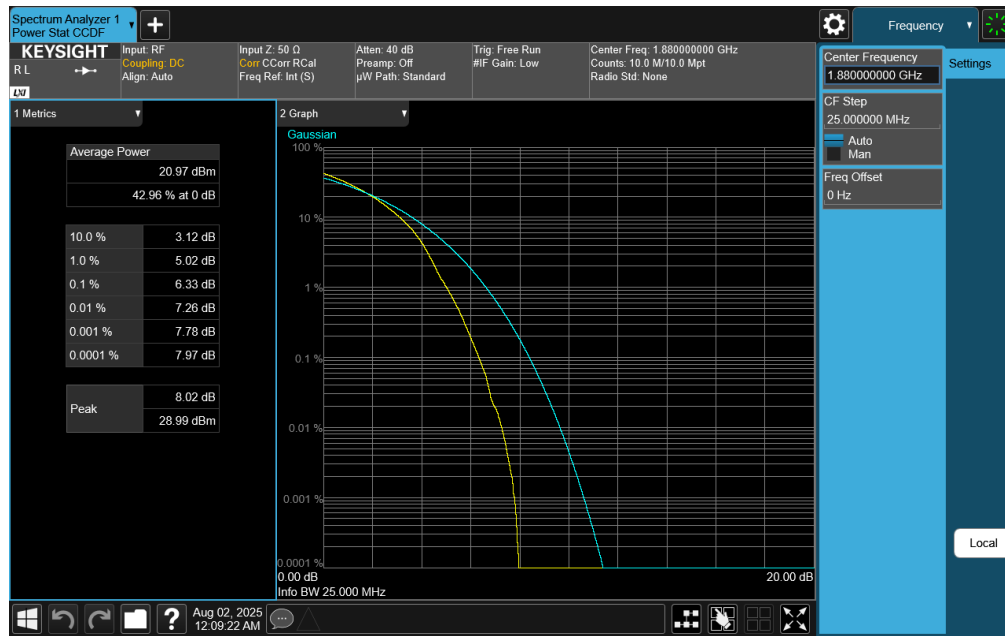


Plot 7-320. PAR Plot (NR Band n2 - 25MHz DFT-s-OFDM 64-QAM - Full RB)

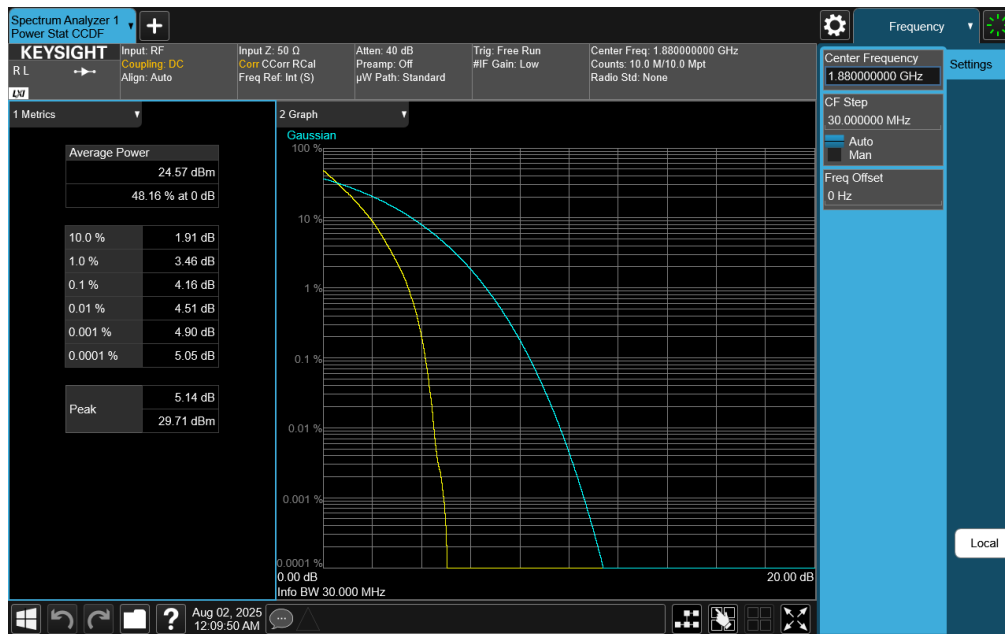
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-321. PAR Plot (NR Band n2 - 25MHz DFT-s-OFDM 256-QAM - Full RB)

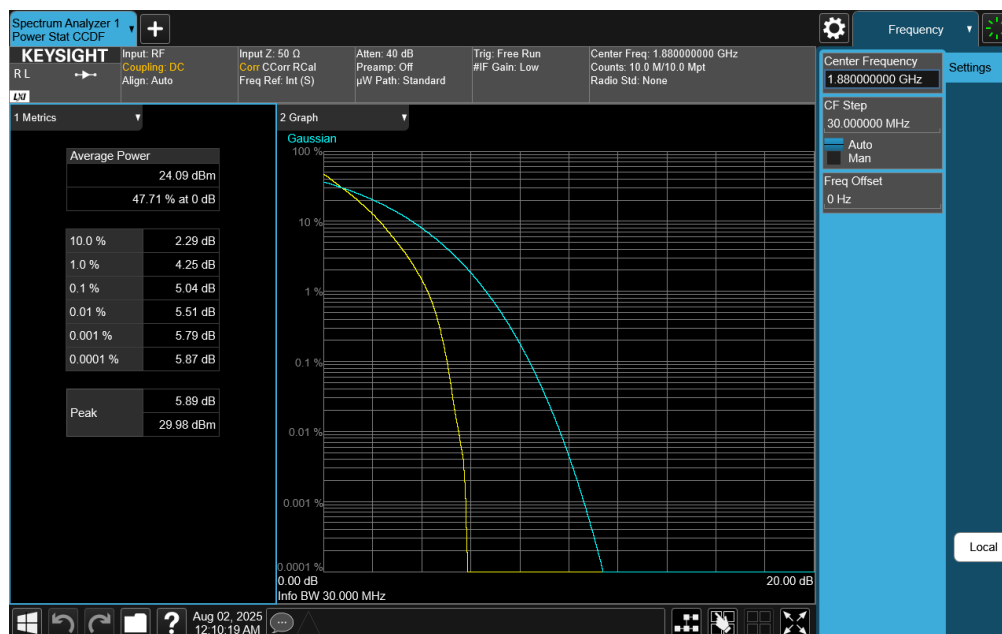


Plot 7-322. PAR Plot (NR Band n2 - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

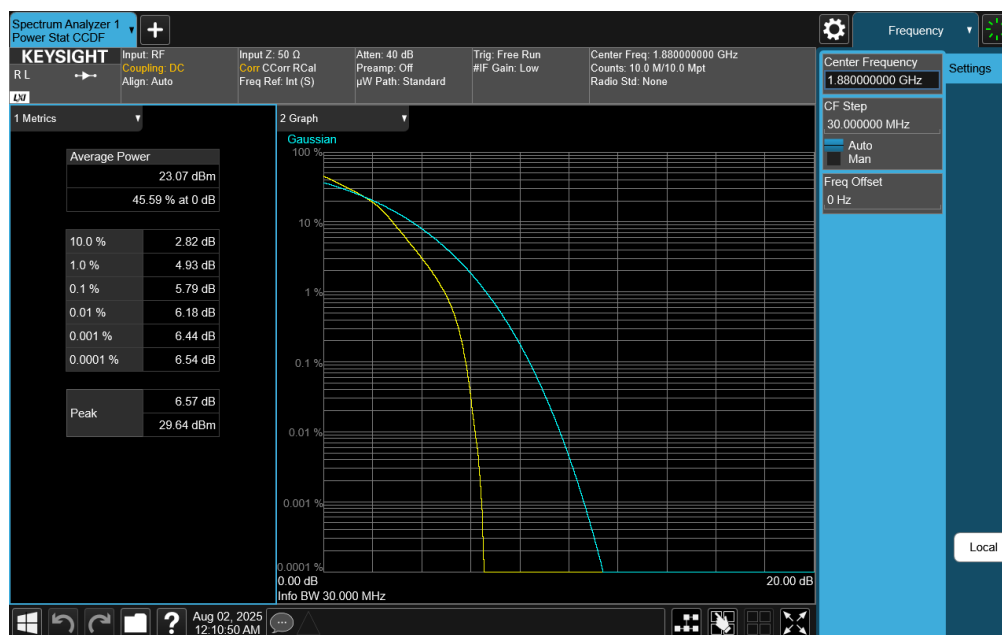
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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Plot 7-323. PAR Plot (NR Band n2 - 30MHz DFT-s-OFDM QPSK - Full RB)

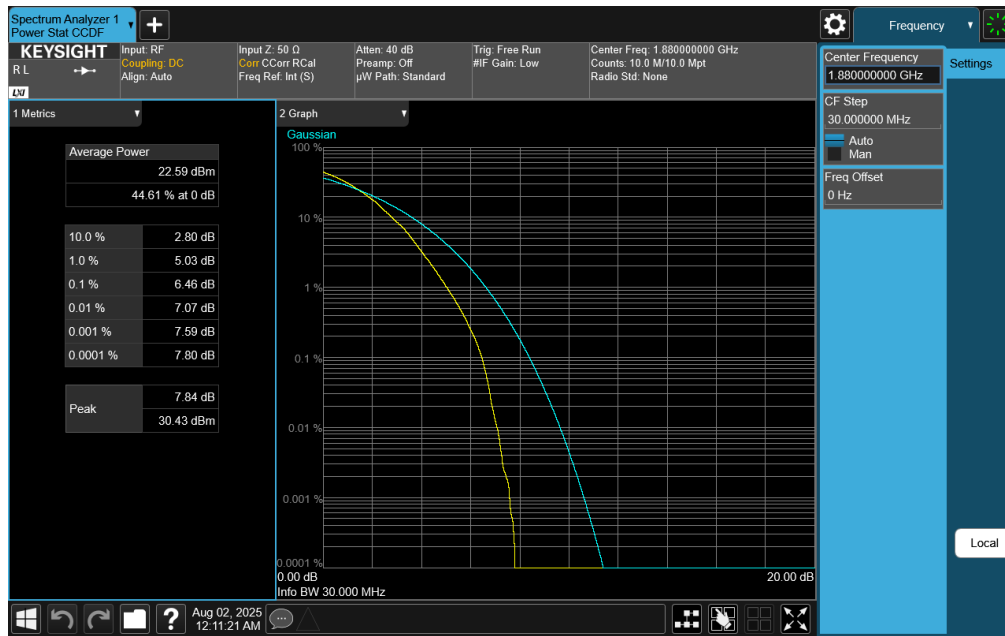


Plot 7-324. PAR Plot (NR Band n2 - 30MHz DFT-s-OFDM 16-QAM - Full RB)

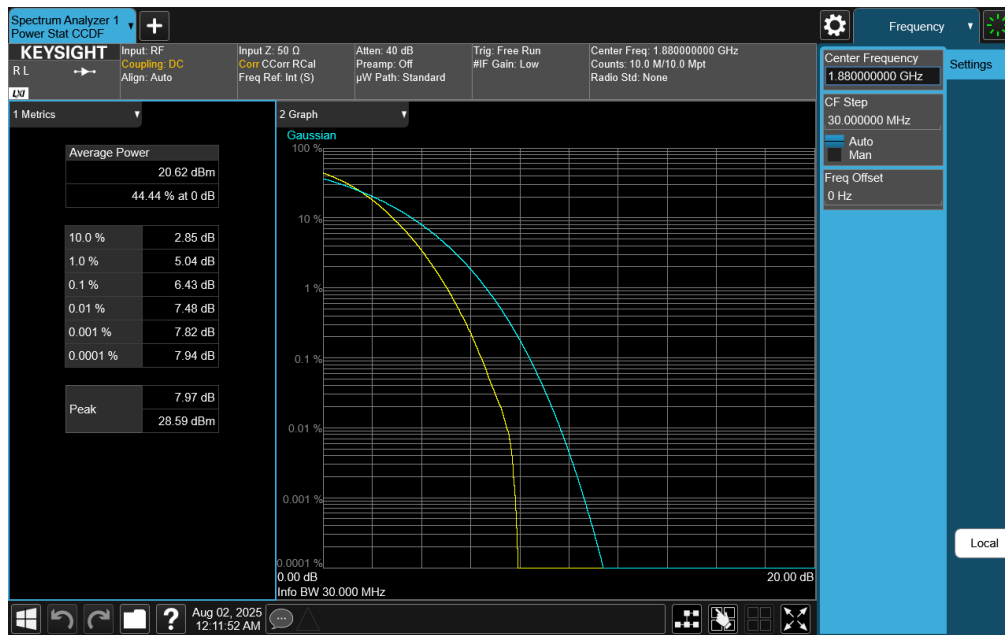
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-325. PAR Plot (NR Band n2 - 30MHz DFT-s-OFDM 64-QAM - Full RB)

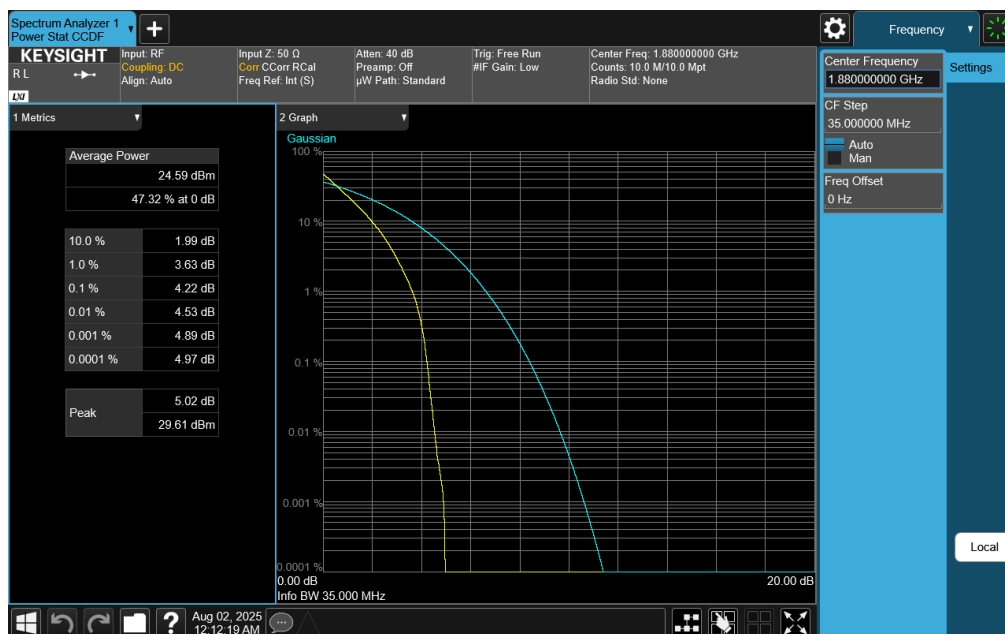


Plot 7-326. PAR Plot (NR Band n2 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

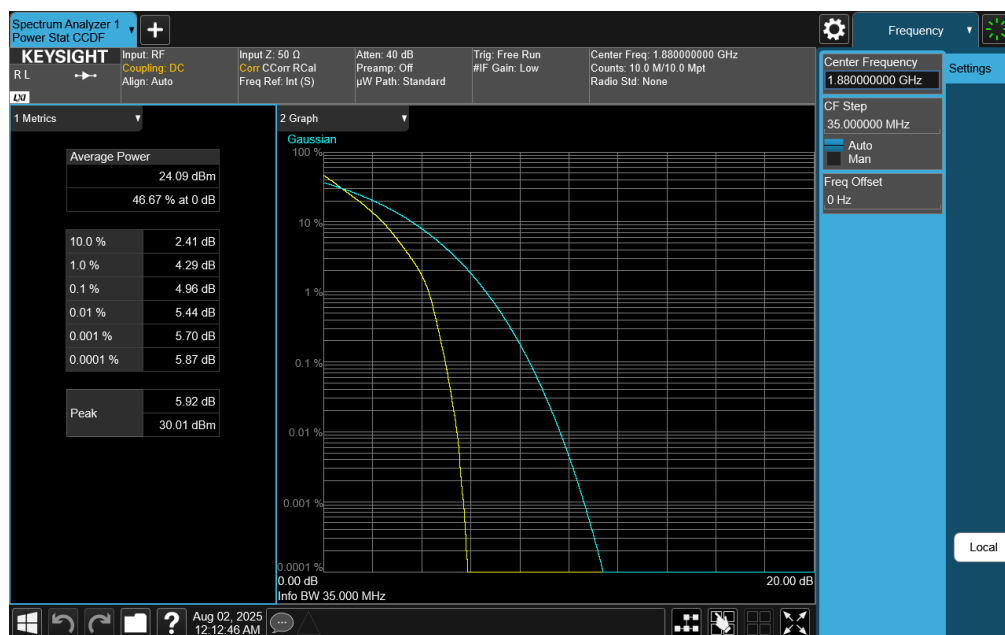
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-327. PAR Plot (NR Band n2 - 35MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

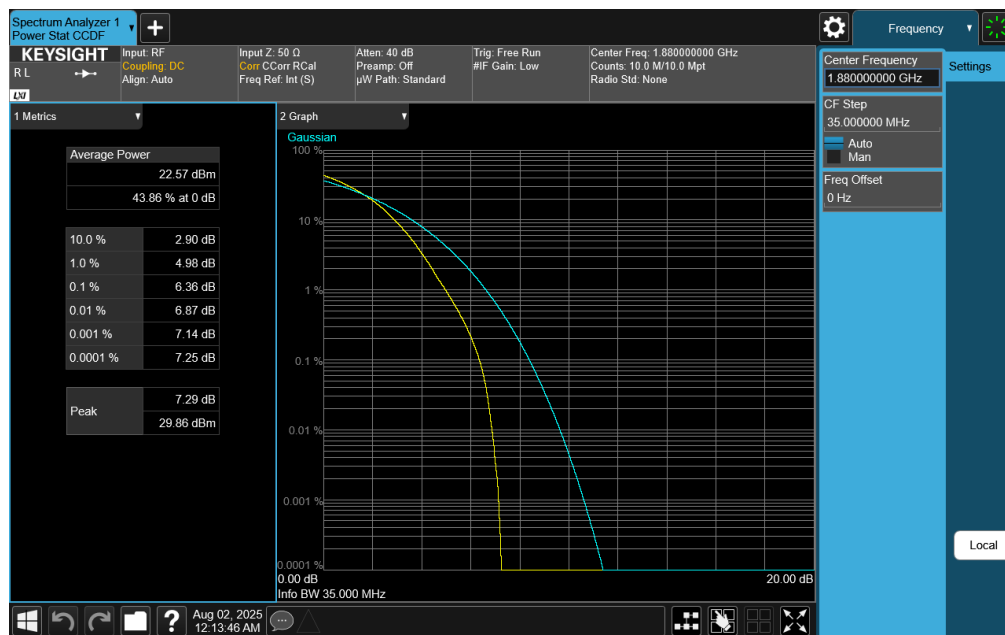
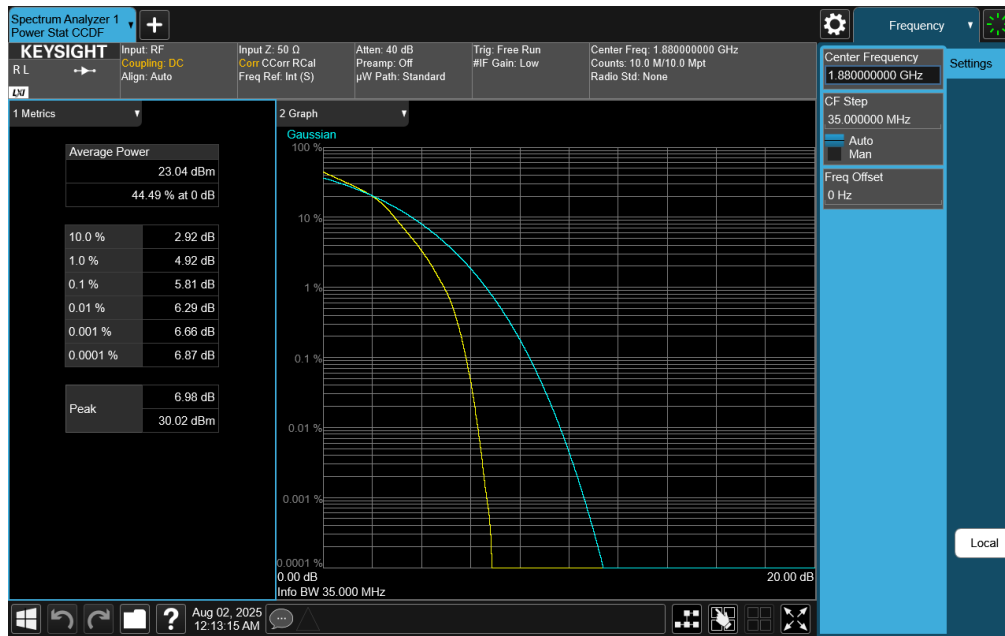


Plot 7-328. PAR Plot (NR Band n2 - 35MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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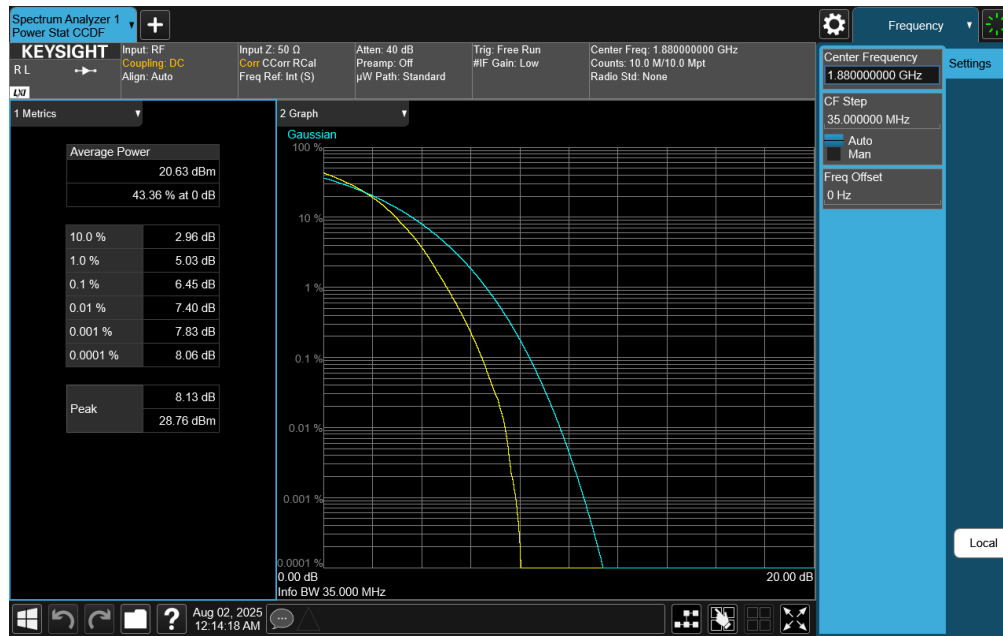
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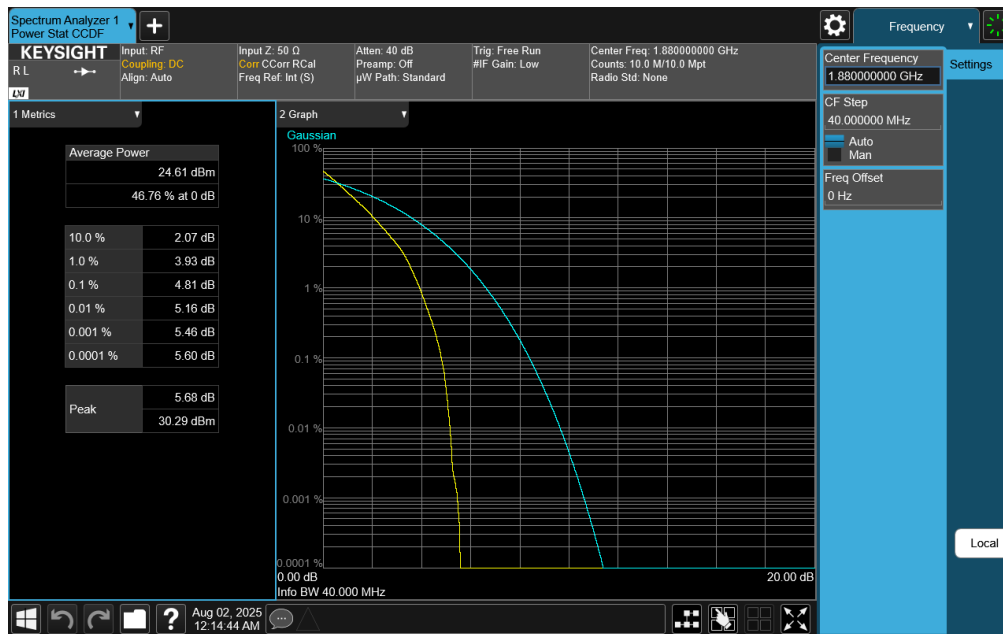
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-331. PAR Plot (NR Band n2 - 35MHz DFT-s-OFDM 256-QAM - Full RB)

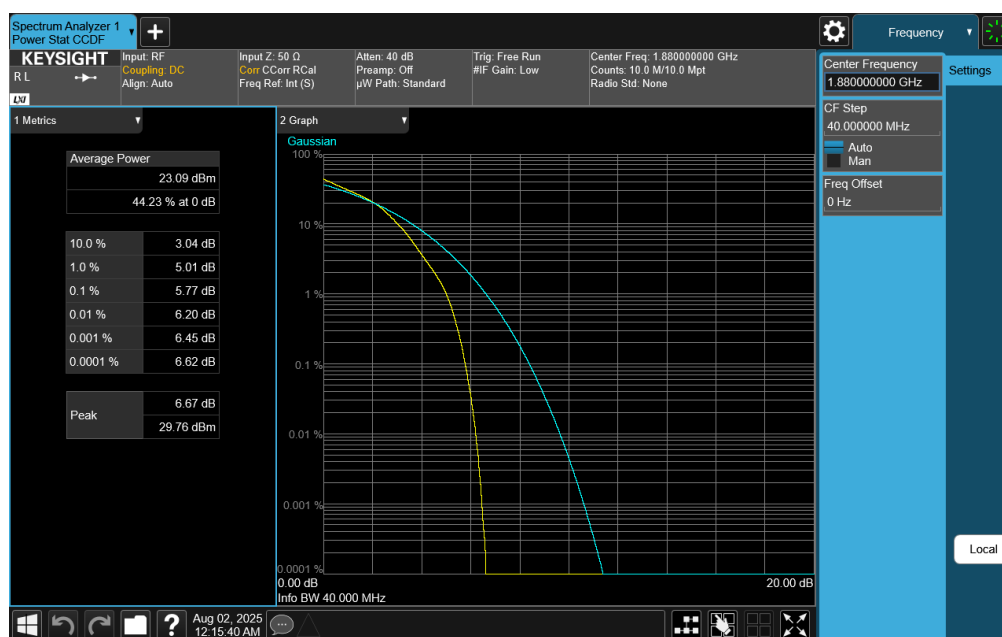
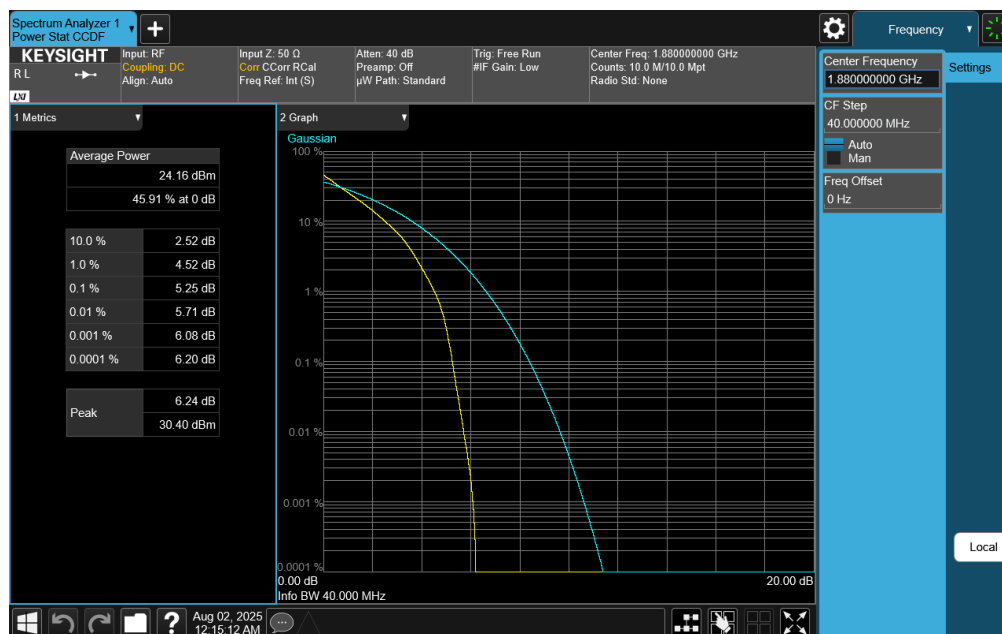


Plot 7-332. PAR Plot (NR Band n2 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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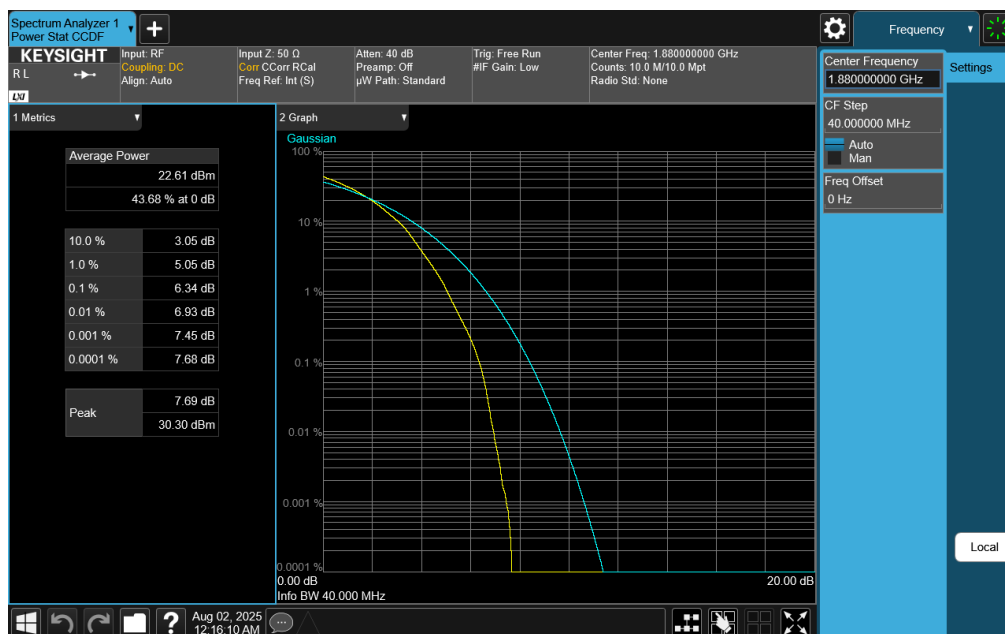
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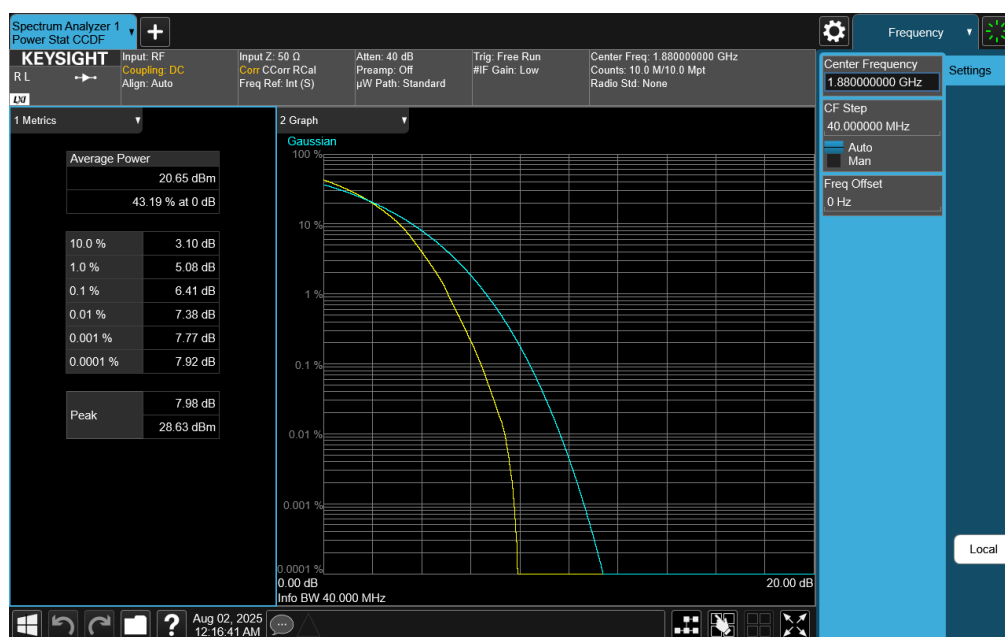
FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-335. PAR Plot (NR Band n2 - 40MHz DFT-s-OFDM 64-QAM - Full RB)



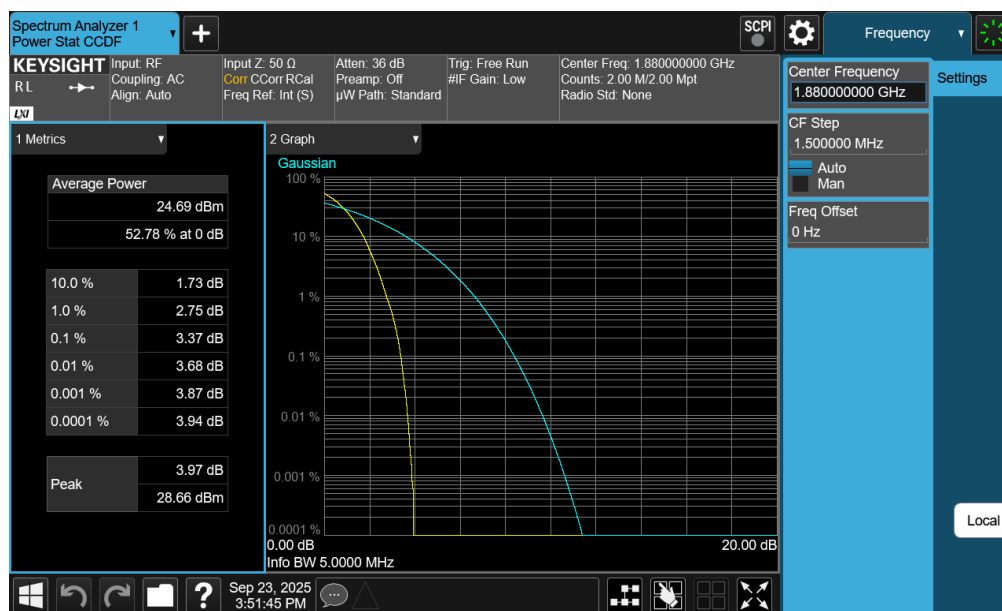
Plot 7-336. PAR Plot (NR Band n2 - 40MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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WCDMA PCS



Plot 7-337. PAR Plot (WCDMA, Ch. 9400)

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7.6 Radiated Power (EIRP)

§24.232(c)

Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are calculated by adding highest antenna gain to maximum measured conducted output power. 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
ANSI C63.26-2015 – Section 5.2.5.5

Test Settings

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

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

Where:

EIRP = Equivalent Isotropic Radiated Power (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 dBi (EIRP)

Test Setup

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

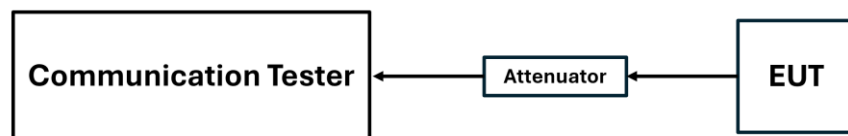


Figure 7-9. LTE Test Instrument & Measurement Setup

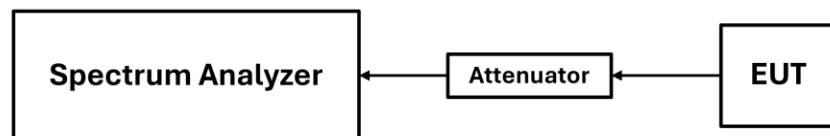


Figure 7-10. FR1 Test Instrument & Measurement Setup

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Test Notes

1. The EUT was tested in all possible test configurations. The worst case emissions are reported with the EUT modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
2. This unit was tested with its standard battery.
3. The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
4. The Ant. Gains (GT) are listed in dBi.
5. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
6. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) 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.

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7.6.1 Antenna 4 – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	2.20	1 / 3	25.36	27.56	0.570	33.01	-5.45
		1882.5	2.20	1 / 3	25.05	27.25	0.531	33.01	-5.76
		1914.3	2.20	1 / 3	25.19	27.39	0.548	33.01	-5.62
	16-QAM	1882.5	2.20	1 / 3	24.48	26.68	0.466	33.01	-6.33
	64-QAM	1882.5	2.20	1 / 3	23.38	25.58	0.361	33.01	-7.43
	256-QAM	1850.7	2.20	6 / 0	20.71	22.91	0.195	33.01	-10.10
3 MHz	QPSK	1851.5	2.20	1 / 7	25.14	27.34	0.542	33.01	-5.67
		1882.5	2.20	1 / 7	25.15	27.35	0.543	33.01	-5.66
		1913.5	2.20	1 / 7	25.06	27.26	0.532	33.01	-5.75
	16-QAM	1882.5	2.20	1 / 7	24.50	26.70	0.468	33.01	-6.31
	64-QAM	1851.5	2.20	1 / 7	23.50	25.70	0.372	33.01	-7.31
	256-QAM	1851.5	2.20	15 / 0	20.84	23.04	0.201	33.01	-9.97
5 MHz	QPSK	1852.5	2.20	1 / 12	25.24	27.44	0.555	33.01	-5.57
		1882.5	2.20	1 / 12	25.09	27.29	0.536	33.01	-5.72
		1912.5	2.20	1 / 12	25.16	27.36	0.545	33.01	-5.65
	16-QAM	1912.5	2.20	1 / 12	24.51	26.71	0.469	33.01	-6.30
	64-QAM	1852.5	2.20	1 / 12	23.43	25.63	0.366	33.01	-7.38
	256-QAM	1852.5	2.20	25 / 0	20.69	22.89	0.195	33.01	-10.12
10 MHz	QPSK	1855.0	2.20	1 / 25	25.34	27.54	0.568	33.01	-5.47
		1882.5	2.20	1 / 25	25.09	27.29	0.536	33.01	-5.72
		1910.0	2.20	1 / 25	25.04	27.24	0.530	33.01	-5.77
	16-QAM	1882.5	2.20	1 / 49	24.57	26.77	0.475	33.01	-6.24
	64-QAM	1855.0	2.20	1 / 25	23.49	25.69	0.371	33.01	-7.32
	256-QAM	1855.0	2.20	50 / 0	20.68	22.88	0.194	33.01	-10.13
15 MHz	QPSK	1857.5	2.20	1 / 37	25.27	27.47	0.558	33.01	-5.54
		1882.5	2.20	1 / 37	25.20	27.40	0.550	33.01	-5.61
		1907.5	2.20	1 / 37	25.05	27.25	0.531	33.01	-5.76
	16-QAM	1882.5	2.20	1 / 74	24.55	26.75	0.473	33.01	-6.26
	64-QAM	1857.5	2.20	1 / 74	23.66	25.86	0.385	33.01	-7.15
	256-QAM	1857.5	2.20	75 / 0	20.83	23.03	0.201	33.01	-9.98
	QPSK	1860.0	2.20	1 / 99	25.40	27.60	0.575	33.01	-5.41
		1882.5	2.20	1 / 99	25.32	27.52	0.565	33.01	-5.49
		1905.0	2.20	1 / 99	25.04	27.24	0.530	33.01	-5.77
	16-QAM	1860.0	2.20	1 / 0	24.79	26.99	0.500	33.01	-6.02
	64-QAM	1860.0	2.20	1 / 99	23.73	25.93	0.392	33.01	-7.08
	256-QAM	1860.0	2.20	100 / 0	20.73	22.93	0.196	33.01	-10.08

Table 7-2. Antenna 4 EIRP Data (LTE Band 25)

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LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	2.20	1 / 3	24.93	27.13	0.516	33.01	-5.88
		1880.0	2.20	1 / 3	24.99	27.19	0.524	33.01	-5.82
		1909.3	2.20	1 / 3	24.75	26.95	0.495	33.01	-6.06
	16-QAM	1850.7	2.20	1 / 3	24.26	26.46	0.443	33.01	-6.55
	64-QAM	1850.7	2.20	1 / 3	23.11	25.31	0.340	33.01	-7.70
	256-QAM	1880.0	2.20	6 / 0	20.31	22.51	0.178	33.01	-10.50
3 MHz	QPSK	1851.5	2.20	1 / 7	24.86	27.06	0.508	33.01	-5.95
		1880.0	2.20	1 / 7	24.85	27.05	0.507	33.01	-5.96
		1908.5	2.20	1 / 7	24.72	26.92	0.492	33.01	-6.09
	16-QAM	1880.0	2.20	1 / 7	24.24	26.44	0.441	33.01	-6.57
	64-QAM	1851.5	2.20	1 / 7	23.06	25.26	0.336	33.01	-7.75
	256-QAM	1851.5	2.20	15 / 0	20.44	22.64	0.184	33.01	-10.37
5 MHz	QPSK	1852.5	2.20	1 / 12	24.71	26.91	0.491	33.01	-6.10
		1880.0	2.20	1 / 12	24.88	27.08	0.511	33.01	-5.93
		1907.5	2.20	1 / 12	24.84	27.04	0.506	33.01	-5.97
	16-QAM	1880.0	2.20	1 / 12	24.21	26.41	0.438	33.01	-6.60
	64-QAM	1852.5	2.20	1 / 12	23.12	25.32	0.340	33.01	-7.69
	256-QAM	1852.5	2.20	25 / 0	20.38	22.58	0.181	33.01	-10.43
10 MHz	QPSK	1855.0	2.20	1 / 25	25.03	27.23	0.528	33.01	-5.78
		1880.0	2.20	1 / 25	24.79	26.99	0.500	33.01	-6.02
		1905.0	2.20	1 / 25	24.79	26.99	0.500	33.01	-6.02
	16-QAM	1880.0	2.20	1 / 25	24.23	26.43	0.440	33.01	-6.58
	64-QAM	1855.0	2.20	1 / 49	23.16	25.36	0.344	33.01	-7.65
	256-QAM	1855.0	2.20	50 / 0	20.41	22.61	0.182	33.01	-10.40
15 MHz	QPSK	1857.5	2.20	1 / 37	24.94	27.14	0.518	33.01	-5.87
		1880.0	2.20	1 / 37	24.88	27.08	0.511	33.01	-5.93
		1902.5	2.20	1 / 37	24.85	27.05	0.507	33.01	-5.96
	16-QAM	1880.0	2.20	1 / 37	24.27	26.47	0.444	33.01	-6.54
	64-QAM	1857.5	2.20	1 / 74	23.22	25.42	0.348	33.01	-7.59
	256-QAM	1857.5	2.20	75 / 0	20.51	22.71	0.187	33.01	-10.30
20 MHz	QPSK	1860.0	2.20	1 / 99	25.07	27.27	0.533	33.01	-5.74
		1880.0	2.20	1 / 99	25.02	27.22	0.527	33.01	-5.79
		1900.0	2.20	1 / 0	24.75	26.95	0.495	33.01	-6.06
	16-QAM	1860.0	2.20	1 / 99	24.40	26.60	0.457	33.01	-6.41
	64-QAM	1860.0	2.20	1 / 99	23.26	25.46	0.352	33.01	-7.55
	256-QAM	1860.0	2.20	100 / 0	20.40	22.60	0.182	33.01	-10.41

Table 7-3. Antenna 4 EIRP Data (LTE Band 2)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	2.20	25 / 0	25.32	27.52	0.565	33.01	-5.49
		1882.5	2.20	1 / 23	25.19	27.39	0.548	33.01	-5.62
		1912.5	2.20	25 / 0	25.12	27.32	0.540	33.01	-5.69
	QPSK	1852.5	2.20	1 / 12	25.34	27.54	0.568	33.01	-5.47
		1882.5	2.20	1 / 1	25.13	27.33	0.541	33.01	-5.68
		1912.5	2.20	1 / 1	25.22	27.42	0.552	33.01	-5.59
	16-QAM	1852.5	2.20	1 / 1	24.11	26.31	0.428	33.01	-6.70
10 MHz	$\pi/2$ BPSK	1852.5	2.20	25 / 0	23.38	23.58	0.228	33.01	-9.43
		1882.5	2.20	1 / 1	25.45	27.65	0.582	33.01	-5.36
		1882.5	2.20	50 / 0	25.17	27.37	0.546	33.01	-5.64
	QPSK	1910.0	2.20	50 / 0	25.32	27.52	0.565	33.01	-5.49
		1855.0	2.20	1 / 1	25.36	27.56	0.570	33.01	-5.45
		1882.5	2.20	1 / 1	25.18	27.38	0.547	33.01	-5.63
	16-QAM	1910.0	2.20	1 / 50	25.16	27.36	0.545	33.01	-5.65
15 MHz	$\pi/2$ BPSK	1855.0	2.20	1 / 1	24.15	26.35	0.432	33.01	-6.66
		1882.5	2.20	50 / 0	23.31	25.51	0.356	33.01	-7.50
		1855.0	2.20	50 / 0	21.36	23.56	0.227	33.01	-9.45
	QPSK	1857.5	2.20	1 / 1	25.26	27.46	0.557	33.01	-5.55
		1882.5	2.20	1 / 36	25.11	27.31	0.538	33.01	-5.70
		1907.5	2.20	75 / 0	25.21	27.41	0.551	33.01	-5.60
	16-QAM	1857.5	2.20	1 / 1	25.28	27.48	0.560	33.01	-5.53
20 MHz	$\pi/2$ BPSK	1882.5	2.20	1 / 1	25.37	27.57	0.571	33.01	-5.44
		1907.5	2.20	1 / 36	25.18	27.38	0.547	33.01	-5.63
		1857.5	2.20	1 / 1	24.08	26.28	0.425	33.01	-6.73
	QPSK	1857.5	2.20	75 / 0	23.26	25.46	0.352	33.01	-7.55
		1857.5	2.20	75 / 0	21.26	23.46	0.222	33.01	-9.55
		1857.5	2.20	75 / 0	21.26	23.46	0.222	33.01	-9.55
	256-QAM	1857.5	2.20	75 / 0	21.26	23.46	0.222	33.01	-9.55
25 MHz	$\pi/2$ BPSK	1860.0	2.20	100 / 0	25.28	27.48	0.560	33.01	-5.53
		1882.5	2.20	1 / 104	25.25	27.45	0.556	33.01	-5.56
		1905.0	2.20	100 / 0	25.20	27.40	0.550	33.01	-5.61
	QPSK	1860.0	2.20	1 / 1	25.27	27.47	0.558	33.01	-5.54
		1882.5	2.20	1 / 104	25.06	27.26	0.532	33.01	-5.75
		1905.0	2.20	1 / 104	25.05	27.25	0.531	33.01	-5.76
	16-QAM	1860.0	2.20	1 / 1	24.06	26.26	0.423	33.01	-6.75
30 MHz	$\pi/2$ BPSK	1860.0	2.20	100 / 0	23.32	25.52	0.356	33.01	-7.49
		1860.0	2.20	100 / 0	21.29	23.49	0.223	33.01	-9.52
		1860.0	2.20	100 / 0	21.29	23.49	0.223	33.01	-9.52
	QPSK	1862.5	2.20	128 / 0	25.27	27.47	0.558	33.01	-5.54
		1882.5	2.20	128 / 0	25.16	27.36	0.545	33.01	-5.65
		1902.5	2.20	128 / 0	25.22	27.42	0.552	33.01	-5.59
	16-QAM	1862.5	2.20	1 / 1	25.23	27.43	0.553	33.01	-5.58
35 MHz	$\pi/2$ BPSK	1882.5	2.20	1 / 1	25.18	27.38	0.547	33.01	-5.63
		1902.5	2.20	1 / 1	25.06	27.26	0.532	33.01	-5.75
		1862.5	2.20	1 / 1	24.01	26.21	0.418	33.01	-6.80
	QPSK	1862.5	2.20	128 / 0	23.34	25.54	0.358	33.01	-7.47
		1862.5	2.20	128 / 0	21.32	23.52	0.225	33.01	-9.49
		1862.5	2.20	128 / 0	21.32	23.52	0.225	33.01	-9.49
	256-QAM	1862.5	2.20	128 / 0	21.32	23.52	0.225	33.01	-9.49
40 MHz	$\pi/2$ BPSK	1865.0	2.20	160 / 0	25.28	27.48	0.560	33.01	-5.53
		1882.5	2.20	160 / 0	25.11	27.31	0.538	33.01	-5.70
		1900.0	2.20	160 / 0	25.21	27.41	0.551	33.01	-5.60
	QPSK	1865.0	2.20	1 / 1	25.28	27.48	0.560	33.01	-5.53
		1882.5	2.20	1 / 158	25.18	27.38	0.547	33.01	-5.63
		1900.0	2.20	1 / 1	25.13	27.33	0.541	33.01	-5.68
	16-QAM	1865.0	2.20	1 / 1	24.17	26.37	0.434	33.01	-6.64
45 MHz	$\pi/2$ BPSK	1865.0	2.20	160 / 0	23.31	25.51	0.356	33.01	-7.50
		1865.0	2.20	160 / 0	21.29	23.49	0.223	33.01	-9.52
		1865.0	2.20	160 / 0	21.29	23.49	0.223	33.01	-9.52
	QPSK	1867.5	2.20	180 / 0	25.25	27.45	0.556	33.01	-5.56
		1882.5	2.20	1 / 93	25.18	27.38	0.547	33.01	-5.63
		1897.5	2.20	180 / 0	25.20	27.40	0.550	33.01	-5.61
	16-QAM	1867.5	2.20	1 / 1	25.32	27.52	0.565	33.01	-5.49
50 MHz	$\pi/2$ BPSK	1882.5	2.20	1 / 1	25.14	27.34	0.542	33.01	-5.67
		1897.5	2.20	1 / 1	25.05	27.25	0.531	33.01	-5.76
		1867.5	2.20	1 / 1	24.07	26.27	0.424	33.01	-6.74
	QPSK	1867.5	2.20	180 / 0	23.24	25.44	0.350	33.01	-7.57
		1867.5	2.20	180 / 0	21.28	23.48	0.223	33.01	-9.53
		1867.5	2.20	180 / 0	21.28	23.48	0.223	33.01	-9.53
	256-QAM	1867.5	2.20	180 / 0	21.28	23.48	0.223	33.01	-9.53
55 MHz	$\pi/2$ BPSK	1870.0	2.20	1 / 1	25.24	27.44	0.555	33.01	-5.57
		1882.5	2.20	1 / 214	25.22	27.42	0.552	33.01	-5.59
		1895.0	2.20	216 / 0	25.23	27.43	0.553	33.01	-5.58
	QPSK	1870.0	2.20	1 / 1	25.21	27.41	0.551	33.01	-5.60
		1882.5	2.20	1 / 1	25.22	27.42	0.552	33.01	-5.59
		1895.0	2.20	1 / 108	25.07	27.27	0.533	33.01	-5.74
	16-QAM	1870.0	2.20	1 / 1	24.16	26.36	0.433	33.01	-6.65
60 MHz	QPSK	1895.0	2.20	216 / 0	23.25	25.45	0.351	33.01	-7.56
		1895.0	2.20	216 / 0	21.26	23.46	0.222	33.01	-9.55

Table 7-4. Antenna 4 EIRP Data (NR Band n25)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	2.20	25 / 0	25.23	27.43	0.553	33.01	-5.58
		1880.0	2.20	25 / 0	25.14	27.34	0.542	33.01	-5.67
		1907.5	2.20	25 / 0	25.26	27.46	0.557	33.01	-5.55
	QPSK	1852.5	2.20	1 / 23	25.41	27.61	0.577	33.01	-5.40
		1880.0	2.20	1 / 23	25.09	27.29	0.536	33.01	-5.72
		1907.5	2.20	1 / 12	25.26	27.46	0.557	33.01	-5.55
	16-QAM	1852.5	2.20	1 / 1	24.10	26.30	0.427	33.01	-6.71
10 MHz	$\pi/2$ BPSK	1852.5	2.20	25 / 0	23.38	23.58	0.228	33.01	-9.43
		1880.0	2.20	50 / 0	25.29	27.49	0.561	33.01	-5.52
		1905.0	2.20	50 / 0	25.20	27.40	0.550	33.01	-5.61
	QPSK	1855.0	2.20	1 / 1	25.36	27.56	0.570	33.01	-5.45
		1880.0	2.20	1 / 1	25.14	27.34	0.542	33.01	-5.67
		1905.0	2.20	1 / 1	25.24	27.44	0.555	33.01	-5.57
	16-QAM	1905.0	2.20	1 / 25	24.12	26.32	0.429	33.01	-6.69
15 MHz	$\pi/2$ BPSK	1855.0	2.20	50 / 0	23.34	25.54	0.358	33.01	-7.47
		1885.0	2.20	50 / 0	21.36	23.56	0.227	33.01	-9.45
		1857.5	2.20	75 / 0	25.23	27.43	0.553	33.01	-5.58
	QPSK	1880.0	2.20	75 / 0	25.10	27.30	0.537	33.01	-5.71
		1902.5	2.20	75 / 0	25.19	27.39	0.548	33.01	-5.62
		1857.5	2.20	1 / 1	25.24	27.44	0.555	33.01	-5.57
	16-QAM	1880.0	2.20	1 / 77	25.07	27.27	0.533	33.01	-5.74
20 MHz	$\pi/2$ BPSK	1902.5	2.20	1 / 77	25.16	27.36	0.545	33.01	-5.65
		1857.5	2.20	1 / 1	24.11	26.31	0.428	33.01	-6.70
		1857.5	2.20	75 / 0	23.27	25.47	0.352	33.01	-7.54
	QPSK	1857.5	2.20	75 / 0	21.25	23.45	0.221	33.01	-9.56
		1860.0	2.20	100 / 0	25.29	27.49	0.561	33.01	-5.52
		1880.0	2.20	100 / 0	25.11	27.31	0.538	33.01	-5.70
	16-QAM	1900.0	2.20	100 / 0	25.21	27.41	0.551	33.01	-5.60
25 MHz	$\pi/2$ BPSK	1860.0	2.20	1 / 1	25.21	27.41	0.551	33.01	-5.60
		1880.0	2.20	1 / 104	25.19	27.39	0.548	33.01	-5.62
		1900.0	2.20	1 / 1	25.20	27.40	0.550	33.01	-5.61
	QPSK	1860.0	2.20	1 / 1	24.09	26.29	0.426	33.01	-6.72
		1860.0	2.20	100 / 0	23.34	25.54	0.358	33.01	-7.47
		1860.0	2.20	100 / 0	21.30	23.50	0.224	33.01	-9.51
	256-QAM	1860.0	2.20	100 / 0	21.30	23.50	0.224	33.01	-9.51
30 MHz	$\pi/2$ BPSK	1862.5	2.20	128 / 0	25.26	27.46	0.557	33.01	-5.55
		1880.0	2.20	128 / 0	25.10	27.30	0.537	33.01	-5.71
		1897.5	2.20	128 / 0	25.23	27.43	0.553	33.01	-5.58
	QPSK	1862.5	2.20	1 / 1	25.15	27.35	0.543	33.01	-5.66
		1880.0	2.20	1 / 131	25.03	27.23	0.528	33.01	-5.78
		1897.5	2.20	1 / 64	25.16	27.36	0.545	33.01	-5.65
	16-QAM	1897.5	2.20	1 / 64	24.03	26.23	0.420	33.01	-6.78
35 MHz	$\pi/2$ BPSK	1862.5	2.20	128 / 0	23.35	25.55	0.359	33.01	-7.46
		1862.5	2.20	128 / 0	21.32	23.52	0.225	33.01	-9.49
		1865.0	2.20	160 / 0	25.25	27.45	0.556	33.01	-5.56
	QPSK	1880.0	2.20	160 / 0	25.09	27.29	0.536	33.01	-5.72
		1895.0	2.20	160 / 0	25.22	27.42	0.552	33.01	-5.59
		1865.0	2.20	1 / 1	25.25	27.45	0.556	33.01	-5.56
	16-QAM	1880.0	2.20	1 / 1	25.20	27.40	0.550	33.01	-5.61
40 MHz	$\pi/2$ BPSK	1895.0	2.20	1 / 158	25.20	27.40	0.550	33.01	-5.61
		1865.0	2.20	1 / 1	24.16	26.36	0.433	33.01	-6.65
		1865.0	2.20	160 / 0	23.29	25.49	0.354	33.01	-7.52
	QPSK	1865.0	2.20	160 / 0	21.29	23.49	0.223	33.01	-9.52
		1867.5	2.20	180 / 0	25.30	27.50	0.562	33.01	-5.51
		1880.0	2.20	180 / 0	25.10	27.30	0.537	33.01	-5.71
	16-QAM	1892.5	2.20	180 / 0	25.22	27.42	0.552	33.01	-5.59
45 MHz	$\pi/2$ BPSK	1867.5	2.20	1 / 1	25.19	27.39	0.548	33.01	-5.62
		1880.0	2.20	1 / 1	25.13	27.33	0.541	33.01	-5.68
		1892.5	2.20	1 / 1	25.05	27.25	0.531	33.01	-5.76
	QPSK	1867.5	2.20	1 / 1	24.09	26.29	0.426	33.01	-6.72
		1867.5	2.20	180 / 0	23.31	25.51	0.356	33.01	-7.50
		1867.5	2.20	180 / 0	21.30	23.50	0.224	33.01	-9.51
	256-QAM	1867.5	2.20	180 / 0	21.30	23.50	0.224	33.01	-9.51

Table 7-5. Antenna 4 EIRP Data (NR Band n2)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	25.43	2.20	27.63	0.579	33.01	-5.38
1880.00	WCDMA1900	25.41	2.20	27.61	0.577	33.01	-5.40
1907.60	WCDMA1900	25.37	2.20	27.57	0.571	33.01	-5.44

Table 7-6. Antenna 4 EIRP Data (WCDMA PCS)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device
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7.6.2 Antenna 2 – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	2.40	1 / 3	24.94	27.34	0.542	33.01	-5.67
		1882.5	2.40	1 / 3	24.81	27.21	0.526	33.01	-5.80
		1914.3	2.40	1 / 3	24.90	27.30	0.537	33.01	-5.71
	16-QAM	1882.5	2.40	1 / 3	24.20	26.60	0.457	33.01	-6.41
	64-QAM	1882.5	2.40	1 / 3	23.23	25.63	0.366	33.01	-7.38
	256-QAM	1882.5	2.40	6 / 0	20.43	22.83	0.192	33.01	-10.18
3 MHz	QPSK	1851.5	2.40	1 / 7	24.76	27.16	0.520	33.01	-5.85
		1882.5	2.40	1 / 7	24.98	27.38	0.547	33.01	-5.63
		1913.5	2.40	1 / 7	24.73	27.13	0.516	33.01	-5.88
	16-QAM	1882.5	2.40	1 / 7	24.22	26.62	0.459	33.01	-6.39
	64-QAM	1851.5	2.40	1 / 7	23.09	25.49	0.354	33.01	-7.52
	256-QAM	1851.5	2.40	15 / 0	20.53	22.93	0.196	33.01	-10.08
5 MHz	QPSK	1852.5	2.40	1 / 12	24.70	27.10	0.513	33.01	-5.91
		1882.5	2.40	1 / 12	24.92	27.32	0.540	33.01	-5.69
		1912.5	2.40	1 / 12	24.84	27.24	0.530	33.01	-5.77
	16-QAM	1852.5	2.40	1 / 12	24.18	26.58	0.455	33.01	-6.43
	64-QAM	1882.5	2.40	1 / 12	23.38	25.78	0.378	33.01	-7.23
	256-QAM	1852.5	2.40	25 / 0	20.44	22.84	0.192	33.01	-10.17
10 MHz	QPSK	1855.0	2.40	1 / 25	25.04	27.44	0.555	33.01	-5.57
		1882.5	2.40	1 / 25	24.92	27.32	0.540	33.01	-5.69
		1910.0	2.40	1 / 25	24.85	27.25	0.531	33.01	-5.76
	16-QAM	1910.0	2.40	1 / 25	24.28	26.68	0.466	33.01	-6.33
	64-QAM	1855.0	2.40	1 / 49	23.27	25.67	0.369	33.01	-7.34
	256-QAM	1882.5	2.40	50 / 0	20.41	22.81	0.191	33.01	-10.20
15 MHz	QPSK	1857.5	2.40	1 / 74	24.96	27.36	0.545	33.01	-5.65
		1882.5	2.40	1 / 74	24.95	27.35	0.543	33.01	-5.66
		1907.5	2.40	1 / 37	24.96	27.36	0.545	33.01	-5.65
	16-QAM	1857.5	2.40	1 / 74	24.39	26.79	0.478	33.01	-6.22
	64-QAM	1857.5	2.40	1 / 74	23.29	25.69	0.371	33.01	-7.32
	256-QAM	1857.5	2.40	75 / 0	20.51	22.91	0.195	33.01	-10.10
	QPSK	1860.0	2.40	1 / 99	24.92	27.32	0.540	33.01	-5.69
		1882.5	2.40	1 / 99	25.08	27.48	0.560	33.01	-5.53
		1905.0	2.40	1 / 0	24.81	27.21	0.526	33.01	-5.80
	16-QAM	1882.5	2.40	1 / 99	24.39	26.79	0.478	33.01	-6.22
	64-QAM	1882.5	2.40	1 / 0	23.30	25.70	0.372	33.01	-7.31
	256-QAM	1882.5	2.40	100 / 0	20.46	22.86	0.193	33.01	-10.15

Table 7-7. Antenna 2 EIRP Data (LTE Band 25)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	2.40	1 / 3	24.87	27.27	0.533	33.01	-5.74
		1880.0	2.40	1 / 3	24.66	27.06	0.508	33.01	-5.95
		1909.3	2.40	1 / 3	24.95	27.35	0.543	33.01	-5.66
	16-QAM	1850.7	2.40	1 / 3	24.14	26.54	0.451	33.01	-6.47
	64-QAM	1909.3	2.40	1 / 3	23.05	25.45	0.351	33.01	-7.56
	256-QAM	1850.7	2.40	6 / 0	20.33	22.73	0.187	33.01	-10.28
3 MHz	QPSK	1851.5	2.40	1 / 7	24.71	27.11	0.514	33.01	-5.90
		1880.0	2.40	1 / 7	24.85	27.25	0.531	33.01	-5.76
		1908.5	2.40	1 / 7	24.77	27.17	0.521	33.01	-5.84
	16-QAM	1908.5	2.40	1 / 7	24.19	26.59	0.456	33.01	-6.42
	64-QAM	1851.5	2.40	1 / 7	23.04	25.44	0.350	33.01	-7.57
	256-QAM	1851.5	2.40	15 / 0	20.26	22.66	0.185	33.01	-10.35
5 MHz	QPSK	1852.5	2.40	1 / 12	24.83	27.23	0.528	33.01	-5.78
		1880.0	2.40	1 / 12	24.56	26.96	0.497	33.01	-6.05
		1907.5	2.40	1 / 12	24.91	27.31	0.538	33.01	-5.70
	16-QAM	1907.5	2.40	1 / 12	24.23	26.63	0.460	33.01	-6.38
	64-QAM	1880.0	2.40	1 / 12	23.06	25.46	0.352	33.01	-7.55
	256-QAM	1852.5	2.40	25 / 0	20.31	22.71	0.187	33.01	-10.30
10 MHz	QPSK	1855.0	2.40	1 / 25	24.92	27.32	0.540	33.01	-5.69
		1880.0	2.40	1 / 25	24.76	27.16	0.520	33.01	-5.85
		1905.0	2.40	1 / 25	24.72	27.12	0.515	33.01	-5.89
	16-QAM	1880.0	2.40	1 / 25	24.12	26.52	0.449	33.01	-6.49
	64-QAM	1855.0	2.40	1 / 49	23.14	25.54	0.358	33.01	-7.47
	256-QAM	1855.0	2.40	50 / 0	20.27	22.67	0.185	33.01	-10.34
15 MHz	QPSK	1857.5	2.40	1 / 74	24.77	27.17	0.521	33.01	-5.84
		1880.0	2.40	1 / 37	24.85	27.25	0.531	33.01	-5.76
		1902.5	2.40	1 / 0	24.84	27.24	0.530	33.01	-5.77
	16-QAM	1902.5	2.40	1 / 0	24.19	26.59	0.456	33.01	-6.42
	64-QAM	1857.5	2.40	1 / 74	23.08	25.48	0.353	33.01	-7.53
	256-QAM	1902.5	2.40	75 / 0	20.36	22.76	0.189	33.01	-10.25
20 MHz	QPSK	1860.0	2.40	1 / 0	24.83	27.23	0.528	33.01	-5.78
		1880.0	2.40	1 / 99	24.93	27.33	0.541	33.01	-5.68
		1900.0	2.40	1 / 50	24.79	27.19	0.524	33.01	-5.82
	16-QAM	1880.0	2.40	1 / 0	24.25	26.65	0.462	33.01	-6.36
	64-QAM	1880.0	2.40	1 / 99	23.22	25.62	0.365	33.01	-7.39
	256-QAM	1900.0	2.40	100 / 0	20.41	22.81	0.191	33.01	-10.20

Table 7-8. Antenna 2 EIRP Data (LTE Band 2)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device	Page 201 of 238

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NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	2.40	25 / 0	24.71	27.11	0.514	33.01	-5.90
		1882.5	2.40	25 / 0	24.73	27.13	0.516	33.01	-5.88
		1912.5	2.40	25 / 0	24.76	27.16	0.520	33.01	-5.85
	QPSK	1852.5	2.40	1 / 23	24.75	27.15	0.519	33.01	-5.86
		1882.5	2.40	1 / 23	24.72	27.12	0.515	33.01	-5.89
		1912.5	2.40	1 / 1	24.82	27.22	0.527	33.01	-5.79
	16-QAM	1912.5	2.40	1 / 1	23.65	26.05	0.403	33.01	-6.96
	64-QAM	1912.5	2.40	25 / 0	22.80	25.20	0.331	33.01	-7.81
10 MHz	$\pi/2$ BPSK	1855.0	2.40	50 / 0	24.84	27.24	0.530	33.01	-5.77
		1882.5	2.40	50 / 0	24.79	27.19	0.524	33.01	-5.82
		1910.0	2.40	50 / 0	24.77	27.17	0.521	33.01	-5.84
	QPSK	1855.0	2.40	1 / 50	24.74	27.14	0.518	33.01	-5.87
		1882.5	2.40	1 / 1	24.80	27.20	0.525	33.01	-5.81
		1910.0	2.40	1 / 25	24.69	27.09	0.512	33.01	-5.92
	16-QAM	1882.5	2.40	1 / 1	23.59	25.99	0.397	33.01	-7.02
	64-QAM	1855.0	2.40	50 / 0	22.77	25.17	0.329	33.01	-7.84
15 MHz	$\pi/2$ BPSK	1857.5	2.40	75 / 0	24.72	27.12	0.515	33.01	-5.89
		1882.5	2.40	75 / 0	24.69	27.09	0.512	33.01	-5.92
		1907.5	2.40	75 / 0	24.70	27.10	0.513	33.01	-5.91
	QPSK	1857.5	2.40	1 / 36	24.63	27.03	0.505	33.01	-5.98
		1882.5	2.40	1 / 1	24.76	27.16	0.520	33.01	-5.85
		1907.5	2.40	1 / 36	24.66	27.06	0.508	33.01	-5.95
	16-QAM	1857.5	2.40	1 / 77	23.55	25.95	0.394	33.01	-7.06
	64-QAM	1882.5	2.40	75 / 0	22.75	25.15	0.327	33.01	-7.86
20 MHz	$\pi/2$ BPSK	1860.0	2.40	100 / 0	24.68	27.08	0.511	33.01	-5.93
		1882.5	2.40	100 / 0	24.70	27.10	0.513	33.01	-5.91
		1905.0	2.40	100 / 0	24.68	27.08	0.511	33.01	-5.93
	QPSK	1860.0	2.40	1 / 104	24.62	27.02	0.504	33.01	-5.99
		1882.5	2.40	1 / 1	24.70	27.10	0.513	33.01	-5.91
		1905.0	2.40	1 / 1	24.66	27.06	0.508	33.01	-5.95
	16-QAM	1882.5	2.40	1 / 1	23.63	26.03	0.401	33.01	-6.98
	64-QAM	1882.5	2.40	100 / 0	22.74	25.14	0.327	33.01	-7.87
25 MHz	$\pi/2$ BPSK	1862.5	2.40	128 / 0	24.66	27.06	0.508	33.01	-5.95
		1882.5	2.40	128 / 0	24.75	27.15	0.519	33.01	-5.86
		1902.5	2.40	1 / 131	24.67	27.07	0.509	33.01	-5.94
	QPSK	1862.5	2.40	1 / 64	24.83	27.23	0.528	33.01	-5.78
		1882.5	2.40	1 / 1	24.56	26.96	0.497	33.01	-6.05
		1902.5	2.40	1 / 131	24.56	26.96	0.497	33.01	-6.05
	16-QAM	1882.5	2.40	1 / 64	23.46	25.86	0.385	33.01	-7.15
	64-QAM	1882.5	2.40	128 / 0	22.82	25.22	0.333	33.01	-7.79
30 MHz	$\pi/2$ BPSK	1862.5	2.40	128 / 0	20.80	23.20	0.209	33.01	-9.81
		1865.0	2.40	160 / 0	24.71	27.11	0.514	33.01	-5.90
		1882.5	2.40	160 / 0	24.73	27.13	0.516	33.01	-5.88
	QPSK	1900.0	2.40	160 / 0	24.66	27.06	0.508	33.01	-5.95
		1865.0	2.40	1 / 158	24.87	27.27	0.533	33.01	-5.74
		1882.5	2.40	1 / 1	24.75	27.15	0.519	33.01	-5.86
	16-QAM	1900.0	2.40	1 / 1	24.76	27.16	0.520	33.01	-5.85
	64-QAM	1882.5	2.40	1 / 1	23.62	26.02	0.400	33.01	-6.99
35 MHz	$\pi/2$ BPSK	1862.5	2.40	160 / 0	22.74	25.14	0.327	33.01	-7.87
		1865.0	2.40	160 / 0	20.76	23.16	0.207	33.01	-9.85
		1867.5	2.40	1 / 93	24.87	27.27	0.533	33.01	-5.74
	QPSK	1882.5	2.40	180 / 0	24.70	27.10	0.513	33.01	-5.91
		1897.5	2.40	1 / 1	24.71	27.11	0.514	33.01	-5.90
		1867.5	2.40	1 / 1	24.38	26.78	0.476	33.01	-6.23
	16-QAM	1882.5	2.40	1 / 1	24.65	27.05	0.507	33.01	-5.96
	64-QAM	1897.5	2.40	1 / 1	24.60	27.00	0.501	33.01	-6.01
40 MHz	$\pi/2$ BPSK	1882.5	2.40	1 / 1	23.51	25.91	0.390	33.01	-7.10
		1867.5	2.40	180 / 0	22.74	25.14	0.327	33.01	-7.87
		1867.5	2.40	180 / 0	20.79	23.19	0.208	33.01	-9.82
	QPSK	1870.0	2.40	216 / 0	24.74	27.14	0.518	33.01	-5.87
		1882.5	2.40	216 / 0	24.74	27.14	0.518	33.01	-5.87
		1895.0	2.40	1 / 1	24.80	27.20	0.525	33.01	-5.81
	16-QAM	1870.0	2.40	1 / 108	24.61	27.01	0.502	33.01	-6.00
	64-QAM	1882.5	2.40	1 / 108	23.57	25.97	0.395	33.01	-7.04
50 MHz	$\pi/2$ BPSK	1882.5	2.40	216 / 0	22.77	25.17	0.329	33.01	-7.84
		1870.0	2.40	216 / 0	20.80	23.20	0.209	33.01	-9.81
		1895.0	2.40	1 / 1	24.74	27.14	0.518	33.01	-5.87
	QPSK	1870.0	2.40	1 / 108	23.57	25.97	0.395	33.01	-7.04
		1882.5	2.40	216 / 0	22.77	25.17	0.329	33.01	-7.84
		1895.0	2.40	1 / 1	24.74	27.14	0.518	33.01	-5.87
	16-QAM	1870.0	2.40	1 / 108	23.57	25.97	0.395	33.01	-7.04
	64-QAM	1882.5	2.40	216 / 0	22.77	25.17	0.329	33.01	-7.84

Table 7-9. Antenna 2 EIRP Data (NR Band n25)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	2.40	25 / 0	24.70	27.10	0.513	33.01	-5.91
		1880.0	2.40	25 / 0	24.77	27.17	0.521	33.01	-5.84
		1907.5	2.40	25 / 0	24.72	27.12	0.515	33.01	-5.89
	QPSK	1852.5	2.40	1 / 23	24.66	27.06	0.508	33.01	-5.95
		1880.0	2.40	1 / 12	24.69	27.09	0.512	33.01	-5.92
		1907.5	2.40	1 / 1	24.67	27.07	0.509	33.01	-5.94
	16-QAM	1852.5	2.40	1 / 23	23.52	25.92	0.391	33.01	-7.09
	64-QAM	1907.5	2.40	25 / 0	22.81	25.21	0.332	33.01	-7.80
10 MHz	$\pi/2$ BPSK	1855.0	2.40	50 / 0	24.79	27.19	0.524	33.01	-5.82
		1880.0	2.40	50 / 0	24.76	27.16	0.520	33.01	-5.85
		1905.0	2.40	1 / 50	24.76	27.16	0.520	33.01	-5.85
	QPSK	1855.0	2.40	1 / 50	24.68	27.08	0.511	33.01	-5.93
		1880.0	2.40	1 / 1	24.75	27.15	0.519	33.01	-5.86
		1905.0	2.40	1 / 25	24.67	27.07	0.509	33.01	-5.94
	16-QAM	1880.0	2.40	1 / 1	23.72	26.12	0.409	33.01	-6.89
	64-QAM	1880.0	2.40	50 / 0	22.72	25.12	0.325	33.01	-7.89
15 MHz	$\pi/2$ BPSK	1857.5	2.40	75 / 0	24.77	27.17	0.521	33.01	-5.84
		1880.0	2.40	75 / 0	24.70	27.10	0.513	33.01	-5.91
		1902.5	2.40	75 / 0	24.56	26.96	0.497	33.01	-6.05
	QPSK	1857.5	2.40	1 / 77	24.70	27.10	0.513	33.01	-5.91
		1880.0	2.40	1 / 1	24.76	27.16	0.520	33.01	-5.85
		1902.5	2.40	1 / 77	24.69	27.09	0.512	33.01	-5.92
	16-QAM	1857.5	2.40	1 / 77	23.61	26.01	0.399	33.01	-7.00
	64-QAM	1880.0	2.40	75 / 0	22.72	25.12	0.325	33.01	-7.89
20 MHz	$\pi/2$ BPSK	1860.0	2.40	100 / 0	24.80	27.20	0.525	33.01	-5.81
		1880.0	2.40	100 / 0	24.71	27.11	0.514	33.01	-5.90
		1900.0	2.40	100 / 0	24.66	27.06	0.508	33.01	-5.95
	QPSK	1860.0	2.40	1 / 50	24.63	27.03	0.505	33.01	-5.98
		1880.0	2.40	1 / 1	24.63	27.03	0.505	33.01	-5.98
		1900.0	2.40	1 / 1	24.62	27.02	0.504	33.01	-5.99
	16-QAM	1880.0	2.40	1 / 1	23.52	25.92	0.391	33.01	-7.09
	64-QAM	1880.0	2.40	100 / 0	22.73	25.13	0.326	33.01	-7.88
25 MHz	$\pi/2$ BPSK	1862.5	2.40	128 / 0	24.70	27.10	0.513	33.01	-5.91
		1880.0	2.40	128 / 0	24.67	27.07	0.509	33.01	-5.94
		1897.5	2.40	128 / 0	24.65	27.05	0.507	33.01	-5.96
	QPSK	1862.5	2.40	1 / 64	24.71	27.11	0.514	33.01	-5.90
		1880.0	2.40	1 / 64	24.56	26.96	0.497	33.01	-6.05
		1897.5	2.40	1 / 1	24.57	26.97	0.498	33.01	-6.04
	16-QAM	1862.5	2.40	1 / 131	23.40	25.80	0.380	33.01	-7.21
	64-QAM	1880.0	2.40	128 / 0	22.73	25.13	0.326	33.01	-7.88
30 MHz	$\pi/2$ BPSK	1865.0	2.40	160 / 0	24.72	27.12	0.515	33.01	-5.89
		1880.0	2.40	160 / 0	24.67	27.07	0.509	33.01	-5.94
		1895.0	2.40	160 / 0	24.63	27.03	0.505	33.01	-5.98
	QPSK	1865.0	2.40	1 / 158	24.66	27.06	0.508	33.01	-5.95
		1880.0	2.40	1 / 1	24.71	27.11	0.514	33.01	-5.90
		1895.0	2.40	1 / 158	24.69	27.09	0.512	33.01	-5.92
	16-QAM	1865.0	2.40	1 / 80	23.58	25.98	0.396	33.01	-7.03
	64-QAM	1865.0	2.40	160 / 0	22.75	25.15	0.327	33.01	-7.86
35 MHz	$\pi/2$ BPSK	1865.0	2.40	160 / 0	20.74	23.14	0.206	33.01	-9.87
		1867.5	2.40	180 / 0	24.78	27.18	0.522	33.01	-5.83
		1880.0	2.40	180 / 0	24.72	27.12	0.515	33.01	-5.89
	QPSK	1892.5	2.40	180 / 0	24.70	27.10	0.513	33.01	-5.91
		1867.5	2.40	1 / 1	24.49	26.89	0.489	33.01	-6.12
		1880.0	2.40	1 / 1	24.67	27.07	0.509	33.01	-5.94
	16-QAM	1892.5	2.40	1 / 1	23.53	25.93	0.392	33.01	-7.08
	64-QAM	1867.5	2.40	180 / 0	22.74	25.14	0.327	33.01	-7.87
40 MHz	$\pi/2$ BPSK	1867.5	2.40	180 / 0	20.76	23.16	0.207	33.01	-9.85
		1870.0	2.40	216 / 0	24.75	27.15	0.519	33.01	-5.86
		1880.0	2.40	216 / 0	24.71	27.11	0.514	33.01	-5.90
	QPSK	1890.0	2.40	216 / 0	24.73	27.13	0.516	33.01	-5.88
		1870.0	2.40	1 / 214	24.74	27.14	0.518	33.01	-5.87
		1880.0	2.40	1 / 1	24.95	27.35	0.543	33.01	-5.66
	16-QAM	1890.0	2.40	1 / 108	24.72	27.12	0.515	33.01	-5.89
	64-QAM	1870.0	2.40	216 / 0	22.74	25.14	0.327	33.01	-7.87
50 MHz	256-QAM	1870.0	2.40	216 / 0	20.77	23.17	0.207	33.01	-9.84

Table 7-10. Antenna 2 EIRP Data (NR Band n2)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	24.98	2.40	27.38	0.547	33.01	-5.63
1880.00	WCDMA1900	24.85	2.40	27.25	0.531	33.01	-5.76
1907.60	WCDMA1900	25.01	2.40	27.41	0.551	33.01	-5.60

Table 7-11. Antenna 2 EIRP Data (WCDMA PCS)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.3 Antenna 3b – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	-0.30	1 / 3	25.24	24.94	0.312	33.01	-8.07
		1882.5	-0.30	1 / 3	25.24	24.94	0.312	33.01	-8.07
		1914.3	-0.30	1 / 3	25.02	24.72	0.296	33.01	-8.29
	16-QAM	1882.5	-0.30	1 / 3	24.66	24.36	0.273	33.01	-8.65
	64-QAM	1850.7	-0.30	1 / 3	23.47	23.17	0.207	33.01	-9.84
	256-QAM	1850.7	-0.30	6 / 0	20.94	20.64	0.116	33.01	-12.37
3 MHz	QPSK	1851.5	-0.30	1 / 7	25.28	24.98	0.315	33.01	-8.03
		1882.5	-0.30	1 / 7	25.26	24.96	0.313	33.01	-8.05
		1913.5	-0.30	1 / 7	25.02	24.72	0.296	33.01	-8.29
	16-QAM	1882.5	-0.30	1 / 7	24.68	24.38	0.274	33.01	-8.63
	64-QAM	1851.5	-0.30	1 / 7	23.51	23.21	0.209	33.01	-9.80
	256-QAM	1851.5	-0.30	15 / 0	20.90	20.60	0.115	33.01	-12.41
5 MHz	QPSK	1852.5	-0.30	1 / 12	25.28	24.98	0.315	33.01	-8.03
		1882.5	-0.30	1 / 12	25.01	24.71	0.296	33.01	-8.30
		1912.5	-0.30	1 / 12	25.16	24.86	0.306	33.01	-8.15
	16-QAM	1912.5	-0.30	1 / 12	24.52	24.22	0.264	33.01	-8.79
	64-QAM	1882.5	-0.30	1 / 12	23.59	23.29	0.213	33.01	-9.72
	256-QAM	1882.5	-0.30	25 / 0	20.82	20.52	0.113	33.01	-12.49
10 MHz	QPSK	1855.0	-0.30	1 / 49	25.30	25.00	0.316	33.01	-8.01
		1882.5	-0.30	1 / 25	25.23	24.93	0.311	33.01	-8.08
		1910.0	-0.30	1 / 25	25.05	24.75	0.299	33.01	-8.26
	16-QAM	1882.5	-0.30	1 / 49	24.65	24.35	0.272	33.01	-8.66
	64-QAM	1855.0	-0.30	1 / 0	23.52	23.22	0.210	33.01	-9.79
	256-QAM	1855.0	-0.30	50 / 0	20.86	20.56	0.114	33.01	-12.45
15 MHz	QPSK	1857.5	-0.30	1 / 37	25.41	25.11	0.324	33.01	-7.90
		1882.5	-0.30	1 / 37	25.23	24.93	0.311	33.01	-8.08
		1907.5	-0.30	1 / 37	25.09	24.79	0.301	33.01	-8.22
	16-QAM	1882.5	-0.30	1 / 37	24.61	24.31	0.270	33.01	-8.70
	64-QAM	1857.5	-0.30	1 / 74	23.69	23.39	0.218	33.01	-9.62
	256-QAM	1857.5	-0.30	75 / 0	20.77	20.47	0.111	33.01	-12.54
	QPSK	1860.0	-0.30	1 / 50	25.30	25.00	0.316	33.01	-8.01
		1882.5	-0.30	1 / 50	25.03	24.73	0.297	33.01	-8.28
		1905.0	-0.30	1 / 50	25.16	24.86	0.306	33.01	-8.15
	16-QAM	1860.0	-0.30	1 / 50	24.55	24.25	0.266	33.01	-8.76
	64-QAM	1882.5	-0.30	1 / 50	23.61	23.31	0.214	33.01	-9.70
	256-QAM	1882.5	-0.30	100 / 0	20.78	20.48	0.112	33.01	-12.53

Table 7-12. Antenna 3b EIRP Data (LTE Band 25)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device		Page 205 of 238

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LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	-0.30	1 / 0	25.36	25.06	0.321	33.01	-7.95
		1880.0	-0.30	1 / 5	25.40	25.10	0.324	33.01	-7.91
		1909.3	-0.30	1 / 3	25.05	24.75	0.299	33.01	-8.26
	16-QAM	1880.0	-0.30	1 / 5	24.75	24.45	0.279	33.01	-8.56
	64-QAM	1850.7	-0.30	1 / 0	23.72	23.42	0.220	33.01	-9.59
	256-QAM	1880.0	-0.30	6 / 0	20.84	20.54	0.113	33.01	-12.47
3 MHz	QPSK	1851.5	-0.30	1 / 7	25.21	24.91	0.310	33.01	-8.10
		1880.0	-0.30	1 / 7	25.26	24.96	0.313	33.01	-8.05
		1908.5	-0.30	1 / 7	25.08	24.78	0.301	33.01	-8.23
	16-QAM	1880.0	-0.30	1 / 7	24.64	24.34	0.272	33.01	-8.67
	64-QAM	1851.5	-0.30	1 / 7	23.51	23.21	0.209	33.01	-9.80
	256-QAM	1851.5	-0.30	15 / 0	20.90	20.60	0.115	33.01	-12.41
5 MHz	QPSK	1852.5	-0.30	1 / 0	25.35	25.05	0.320	33.01	-7.96
		1880.0	-0.30	1 / 24	25.42	25.12	0.325	33.01	-7.89
		1907.5	-0.30	1 / 12	25.06	24.76	0.299	33.01	-8.25
	16-QAM	1880.0	-0.30	1 / 24	24.77	24.47	0.280	33.01	-8.54
	64-QAM	1852.5	-0.30	1 / 0	23.71	23.41	0.219	33.01	-9.60
	256-QAM	1880.0	-0.30	25 / 0	20.82	20.52	0.113	33.01	-12.49
10 MHz	QPSK	1855.0	-0.30	1 / 25	25.28	24.98	0.315	33.01	-8.03
		1880.0	-0.30	1 / 25	25.27	24.97	0.314	33.01	-8.04
		1905.0	-0.30	1 / 25	25.24	24.94	0.312	33.01	-8.07
	16-QAM	1855.0	-0.30	1 / 0	24.68	24.38	0.274	33.01	-8.63
	64-QAM	1880.0	-0.30	1 / 25	23.55	23.25	0.211	33.01	-9.76
	256-QAM	1855.0	-0.30	50 / 0	20.88	20.58	0.114	33.01	-12.43
15 MHz	QPSK	1857.5	-0.30	1 / 37	25.37	25.07	0.321	33.01	-7.94
		1880.0	-0.30	1 / 37	25.23	24.93	0.311	33.01	-8.08
		1902.5	-0.30	1 / 37	25.14	24.84	0.305	33.01	-8.17
	16-QAM	1880.0	-0.30	1 / 37	24.64	24.34	0.272	33.01	-8.67
	64-QAM	1857.5	-0.30	1 / 74	23.61	23.31	0.214	33.01	-9.70
	256-QAM	1857.5	-0.30	75 / 0	20.77	20.47	0.111	33.01	-12.54
20 MHz	QPSK	1860.0	-0.30	1 / 50	25.10	24.80	0.302	33.01	-8.21
		1880.0	-0.30	1 / 50	25.21	24.91	0.310	33.01	-8.10
		1900.0	-0.30	1 / 50	24.98	24.68	0.294	33.01	-8.33
	16-QAM	1860.0	-0.30	1 / 99	24.52	24.22	0.264	33.01	-8.79
	64-QAM	1880.0	-0.30	1 / 50	23.37	23.07	0.203	33.01	-9.94
	256-QAM	1880.0	-0.30	100 / 0	20.65	20.35	0.108	33.01	-12.66

Table 7-13. Antenna 3b EIRP Data (LTE Band 2)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-08.BCG	Test Dates: 7/15/2025 - 10/11/2025	EUT Type: Tablet Device	Page 206 of 238

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NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	-0.30	1 / 23	25.32	25.02	0.318	33.01	-7.99
		1882.5	-0.30	25 / 0	25.17	24.87	0.307	33.01	-8.14
		1912.5	-0.30	25 / 0	25.11	24.81	0.303	33.01	-8.20
	QPSK	1852.5	-0.30	1 / 12	25.38	25.08	0.322	33.01	-7.93
		1882.5	-0.30	1 / 12	25.28	24.98	0.315	33.01	-8.03
		1912.5	-0.30	1 / 1	25.22	24.92	0.310	33.01	-8.09
	16-QAM	1852.5	-0.30	1 / 12	24.11	23.81	0.240	33.01	-9.20
	64-QAM	1852.5	-0.30	25 / 0	23.38	23.08	0.203	33.01	-9.93
	256-QAM	1852.5	-0.30	25 / 0	21.29	20.99	0.126	33.01	-12.02
10 MHz	$\pi/2$ BPSK	1855.0	-0.30	1 / 1	25.33	25.03	0.318	33.01	-7.98
		1882.5	-0.30	50 / 0	25.23	24.93	0.311	33.01	-8.08
		1910.0	-0.30	50 / 0	25.18	24.88	0.308	33.01	-8.13
	QPSK	1855.0	-0.30	1 / 50	25.30	25.00	0.316	33.01	-8.01
		1882.5	-0.30	1 / 1	25.23	24.93	0.311	33.01	-8.08
		1910.0	-0.30	1 / 50	25.08	24.78	0.301	33.01	-8.23
	16-QAM	1855.0	-0.30	1 / 50	24.11	23.81	0.240	33.01	-9.20
	64-QAM	1855.0	-0.30	50 / 0	23.29	22.99	0.199	33.01	-10.02
	256-QAM	1855.0	-0.30	50 / 0	21.37	21.07	0.128	33.01	-11.94
15 MHz	$\pi/2$ BPSK	1857.5	-0.30	1 / 77	25.25	24.95	0.313	33.01	-8.06
		1882.5	-0.30	75 / 0	25.13	24.83	0.304	33.01	-8.18
		1907.5	-0.30	75 / 0	25.11	24.81	0.303	33.01	-8.20
	QPSK	1857.5	-0.30	1 / 77	25.20	24.90	0.309	33.01	-8.11
		1882.5	-0.30	1 / 1	25.11	24.81	0.303	33.01	-8.20
		1907.5	-0.30	1 / 1	25.01	24.71	0.296	33.01	-8.30
	16-QAM	1857.5	-0.30	1 / 77	24.03	23.73	0.236	33.01	-9.28
	64-QAM	1857.5	-0.30	75 / 0	23.23	22.93	0.196	33.01	-10.08
	256-QAM	1857.5	-0.30	75 / 0	21.24	20.94	0.124	33.01	-12.07
20 MHz	$\pi/2$ BPSK	1860.0	-0.30	100 / 0	25.22	24.92	0.310	33.01	-8.09
		1882.5	-0.30	100 / 0	25.15	24.85	0.305	33.01	-8.16
		1905.0	-0.30	100 / 0	25.09	24.79	0.301	33.01	-8.22
	QPSK	1860.0	-0.30	1 / 50	25.16	24.86	0.306	33.01	-8.15
		1882.5	-0.30	1 / 104	25.09	24.79	0.301	33.01	-8.22
		1905.0	-0.30	1 / 1	25.04	24.74	0.298	33.01	-8.27
	16-QAM	1860.0	-0.30	1 / 1	24.04	23.74	0.237	33.01	-9.27
	64-QAM	1860.0	-0.30	100 / 0	23.23	22.93	0.196	33.01	-10.08
	256-QAM	1860.0	-0.30	100 / 0	21.25	20.95	0.124	33.01	-12.06
25 MHz	$\pi/2$ BPSK	1862.5	-0.30	128 / 0	25.21	24.91	0.310	33.01	-8.10
		1882.5	-0.30	128 / 0	25.19	24.89	0.308	33.01	-8.12
		1902.5	-0.30	128 / 0	25.13	24.83	0.304	33.01	-8.18
	QPSK	1862.5	-0.30	1 / 64	25.18	24.88	0.308	33.01	-8.13
		1882.5	-0.30	1 / 64	25.08	24.78	0.301	33.01	-8.23
		1902.5	-0.30	1 / 1	24.87	24.57	0.286	33.01	-8.44
	16-QAM	1862.5	-0.30	1 / 64	23.99	23.69	0.234	33.01	-9.32
	64-QAM	1862.5	-0.30	128 / 0	23.30	23.00	0.200	33.01	-10.01
	256-QAM	1862.5	-0.30	128 / 0	21.25	20.95	0.124	33.01	-12.06
30 MHz	$\pi/2$ BPSK	1865.0	-0.30	1 / 1	25.22	24.92	0.310	33.01	-8.09
		1882.5	-0.30	160 / 0	25.14	24.84	0.305	33.01	-8.17
		1900.0	-0.30	160 / 0	25.08	24.78	0.301	33.01	-8.23
	QPSK	1865.0	-0.30	1 / 1	25.26	24.96	0.313	33.01	-8.05
		1882.5	-0.30	1 / 1	25.10	24.80	0.302	33.01	-8.21
		1900.0	-0.30	1 / 80	25.07	24.77	0.300	33.01	-8.24
	16-QAM	1865.0	-0.30	1 / 80	24.11	23.81	0.240	33.01	-9.20
	64-QAM	1865.0	-0.30	160 / 0	23.23	22.93	0.196	33.01	-10.08
	256-QAM	1865.0	-0.30	160 / 0	21.23	20.93	0.124	33.01	-12.08
35 MHz	$\pi/2$ BPSK	1867.5	-0.30	1 / 1	25.16	24.86	0.306	33.01	-8.15
		1882.5	-0.30	180 / 0	25.15	24.85	0.305	33.01	-8.16
		1897.5	-0.30	180 / 0	25.00	24.70	0.295	33.01	-8.31
	QPSK	1867.5	-0.30	1 / 1	25.19	24.89	0.308	33.01	-8.12
		1882.5	-0.30	1 / 1	25.09	24.79	0.301	33.01	-8.22
		1897.5	-0.30	1 / 1	25.06	24.76	0.299	33.01	-8.25
	16-QAM	1882.5	-0.30	1 / 1	23.94	23.64	0.231	33.01	-9.37
	64-QAM	1867.5	-0.30	180 / 0	23.18	22.88	0.194	33.01	-10.13
	256-QAM	1867.5	-0.30	180 / 0	21.18	20.88	0.122	33.01	-12.13
40 MHz	$\pi/2$ BPSK	1870.0	-0.30	216 / 0	25.19	24.89	0.308	33.01	-8.12
		1882.5	-0.30	1 / 1	25.17	24.87	0.307	33.01	-8.14
		1895.0	-0.30	216 / 0	25.05	24.75	0.299	33.01	-8.26
	QPSK	1870.0	-0.30	1 / 1	25.30	25.00	0.316	33.01	-8.01
		1882.5	-0.30	1 / 108	25.20	24.90	0.309	33.01	-8.11
		1895.0	-0.30	1 / 1	25.24	24.94	0.312	33.01	-8.07
	16-QAM	1882.5	-0.30	1 / 108	24.02	23.72	0.236	33.01	-9.29
	64-QAM	1870.0	-0.30	216 / 0	23.23	22.93	0.196	33.01	-10.08
	256-QAM	1870.0	-0.30	216 / 0	21.21	20.91	0.123	33.01	-12.10

Table 7-14. Antenna 3b EIRP Data (NR Band n25)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	1852.5	-0.30	1 / 23	25.08	24.78	0.301	33.01	-8.23
		1880.0	-0.30	1 / 12	25.09	24.79	0.301	33.01	-8.22
		1907.5	-0.30	25 / 0	25.01	24.71	0.296	33.01	-8.30
	QPSK	1852.5	-0.30	1 / 23	25.18	24.88	0.308	33.01	-8.13
		1880.0	-0.30	1 / 1	25.07	24.77	0.300	33.01	-8.24
		1907.5	-0.30	1 / 12	25.05	24.75	0.299	33.01	-8.26
	16-QAM	1852.5	-0.30	1 / 23	23.99	23.69	0.234	33.01	-9.32
	64-QAM	1852.5	-0.30	25 / 0	23.15	22.85	0.193	33.01	-10.16
256-QAM	1852.5	-0.30	25 / 0	21.17	20.87	0.122	33.01	-12.14	
10 MHz	π/2 BPSK	1855.0	-0.30	50 / 0	25.15	24.85	0.305	33.01	-8.16
		1880.0	-0.30	1 / 50	25.13	24.83	0.304	33.01	-8.18
		1905.0	-0.30	50 / 0	25.03	24.73	0.297	33.01	-8.28
	QPSK	1855.0	-0.30	1 / 50	25.18	24.88	0.308	33.01	-8.13
		1880.0	-0.30	1 / 1	25.06	24.76	0.299	33.01	-8.25
		1905.0	-0.30	1 / 1	25.00	24.70	0.295	33.01	-8.31
	16-QAM	1855.0	-0.30	1 / 25	24.09	23.79	0.239	33.01	-9.22
	64-QAM	1855.0	-0.30	50 / 0	23.16	22.86	0.193	33.01	-10.15
256-QAM	1855.0	-0.30	50 / 0	21.22	20.92	0.124	33.01	-12.09	
15 MHz	π/2 BPSK	1857.5	-0.30	75 / 0	25.11	24.81	0.303	33.01	-8.20
		1880.0	-0.30	75 / 0	25.05	24.75	0.299	33.01	-8.26
		1902.5	-0.30	1 / 77	24.99	24.69	0.294	33.01	-8.32
	QPSK	1857.5	-0.30	1 / 77	25.09	24.79	0.301	33.01	-8.22
		1880.0	-0.30	1 / 36	24.94	24.64	0.291	33.01	-8.37
		1902.5	-0.30	1 / 77	25.02	24.72	0.296	33.01	-8.29
	16-QAM	1857.5	-0.30	1 / 1	23.93	23.63	0.231	33.01	-9.38
	64-QAM	1857.5	-0.30	75 / 0	23.10	22.80	0.191	33.01	-10.21
256-QAM	1857.5	-0.30	75 / 0	21.12	20.82	0.121	33.01	-12.19	
20 MHz	π/2 BPSK	1860.0	-0.30	100 / 0	25.05	24.75	0.299	33.01	-8.26
		1880.0	-0.30	100 / 0	25.05	24.75	0.299	33.01	-8.26
		1900.0	-0.30	100 / 0	24.95	24.65	0.292	33.01	-8.36
	QPSK	1860.0	-0.30	1 / 1	25.05	24.75	0.299	33.01	-8.26
		1880.0	-0.30	1 / 1	25.00	24.70	0.295	33.01	-8.31
		1900.0	-0.30	1 / 1	24.99	24.69	0.294	33.01	-8.32
	16-QAM	1860.0	-0.30	1 / 1	24.03	23.73	0.236	33.01	-9.28
	64-QAM	1860.0	-0.30	100 / 0	23.14	22.84	0.192	33.01	-10.17
256-QAM	1860.0	-0.30	100 / 0	21.12	20.82	0.121	33.01	-12.19	
25 MHz	π/2 BPSK	1862.5	-0.30	128 / 0	25.12	24.82	0.303	33.01	-8.19
		1880.0	-0.30	128 / 0	25.01	24.71	0.296	33.01	-8.30
		1897.5	-0.30	128 / 0	24.93	24.63	0.290	33.01	-8.38
	QPSK	1862.5	-0.30	1 / 1	24.92	24.62	0.290	33.01	-8.39
		1880.0	-0.30	1 / 1	24.90	24.60	0.288	33.01	-8.41
		1897.5	-0.30	1 / 64	24.87	24.57	0.286	33.01	-8.44
	16-QAM	1862.5	-0.30	1 / 64	23.89	23.59	0.229	33.01	-9.42
	64-QAM	1862.5	-0.30	128 / 0	23.23	22.93	0.196	33.01	-10.08
256-QAM	1862.5	-0.30	128 / 0	21.15	20.85	0.122	33.01	-12.16	
30 MHz	π/2 BPSK	1865.0	-0.30	1 / 1	25.07	24.77	0.300	33.01	-8.24
		1880.0	-0.30	160 / 0	25.02	24.72	0.296	33.01	-8.29
		1895.0	-0.30	1 / 1	24.94	24.64	0.291	33.01	-8.37
	QPSK	1865.0	-0.30	1 / 80	25.10	24.80	0.302	33.01	-8.21
		1880.0	-0.30	1 / 1	25.08	24.78	0.301	33.01	-8.23
		1895.0	-0.30	1 / 1	25.02	24.72	0.296	33.01	-8.29
	16-QAM	1880.0	-0.30	1 / 1	23.88	23.58	0.228	33.01	-9.43
	64-QAM	1865.0	-0.30	160 / 0	23.07	22.77	0.189	33.01	-10.24
256-QAM	1865.0	-0.30	160 / 0	21.09	20.79	0.120	33.01	-12.22	
35 MHz	π/2 BPSK	1867.5	-0.30	180 / 0	25.01	24.71	0.296	33.01	-8.30
		1880.0	-0.30	180 / 0	25.00	24.70	0.295	33.01	-8.31
		1892.5	-0.30	180 / 0	24.98	24.68	0.294	33.01	-8.33
	QPSK	1867.5	-0.30	1 / 1	25.05	24.75	0.299	33.01	-8.26
		1880.0	-0.30	1 / 1	25.17	24.87	0.307	33.01	-8.14
		1892.5	-0.30	1 / 1	24.97	24.67	0.293	33.01	-8.34
	16-QAM	1867.5	-0.30	1 / 1	23.80	23.50	0.224	33.01	-9.51
	64-QAM	1867.5	-0.30	180 / 0	23.02	22.72	0.187	33.01	-10.29
256-QAM	1867.5	-0.30	180 / 0	21.04	20.74	0.119	33.01	-12.27	
40 MHz	π/2 BPSK	1870.0	-0.30	216 / 0	25.05	24.75	0.299	33.01	-8.26
		1880.0	-0.30	1 / 1	25.23	24.93	0.311	33.01	-8.08
		1890.0	-0.30	216 / 0	25.03	24.73	0.297	33.01	-8.28
	QPSK	1870.0	-0.30	1 / 108	25.10	24.80	0.302	33.01	-8.21
		1880.0	-0.30	1 / 1	25.18	24.88	0.308	33.01	-8.13
		1890.0	-0.30	1 / 1	25.04	24.74	0.298	33.01	-8.27
	16-QAM	1880.0	-0.30	1 / 1	23.85	23.55	0.226	33.01	-9.46
	64-QAM	1870.0	-0.30	216 / 0	23.08	22.78	0.190	33.01	-10.23
256-QAM	1870.0	-0.30	216 / 0	21.10	20.80	0.120	33.01	-12.21	

Table 7-15. Antenna 3b EIRP Data (NR Band n2)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	25.41	-0.30	25.11	0.324	33.01	-7.90
1880.00	WCDMA1900	25.48	-0.30	25.18	0.330	33.01	-7.83
1907.60	WCDMA1900	25.36	-0.30	25.06	0.321	33.01	-7.95

Table 7-16. Antenna 3b EIRP Data (WCDMA PCS)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.4 Antenna 1b – EIRP

LTE Band 25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	0.60	1 / 3	24.39	24.99	0.316	33.01	-8.02
		1882.5	0.60	1 / 3	24.24	24.84	0.305	33.01	-8.17
		1914.3	0.60	1 / 3	24.15	24.75	0.299	33.01	-8.26
	16-QAM	1882.5	0.60	1 / 3	23.53	24.13	0.259	33.01	-8.88
	64-QAM	1914.3	0.60	1 / 3	22.37	22.97	0.198	33.01	-10.04
	256-QAM	1850.7	0.60	6 / 0	19.73	20.33	0.108	33.01	-12.68
3 MHz	QPSK	1851.5	0.60	1 / 7	24.20	24.80	0.302	33.01	-8.21
		1882.5	0.60	1 / 7	24.23	24.83	0.304	33.01	-8.18
		1913.5	0.60	1 / 7	24.15	24.75	0.299	33.01	-8.26
	16-QAM	1882.5	0.60	1 / 7	23.60	24.20	0.263	33.01	-8.81
	64-QAM	1851.5	0.60	1 / 7	22.56	23.16	0.207	33.01	-9.85
	256-QAM	1913.5	0.60	15 / 0	19.76	20.36	0.109	33.01	-12.65
5 MHz	QPSK	1852.5	0.60	1 / 24	24.44	25.04	0.319	33.01	-7.97
		1882.5	0.60	1 / 24	24.36	24.96	0.313	33.01	-8.05
		1912.5	0.60	1 / 24	24.15	24.75	0.299	33.01	-8.26
	16-QAM	1852.5	0.60	1 / 0	23.70	24.30	0.269	33.01	-8.71
	64-QAM	1882.5	0.60	1 / 24	22.66	23.26	0.212	33.01	-9.75
	256-QAM	1852.5	0.60	25 / 0	19.77	20.37	0.109	33.01	-12.64
10 MHz	QPSK	1855.0	0.60	1 / 49	24.21	24.81	0.303	33.01	-8.20
		1882.5	0.60	1 / 25	24.16	24.76	0.299	33.01	-8.25
		1910.0	0.60	1 / 49	24.19	24.79	0.301	33.01	-8.22
	16-QAM	1910.0	0.60	1 / 49	23.61	24.21	0.264	33.01	-8.80
	64-QAM	1855.0	0.60	1 / 49	22.51	23.11	0.205	33.01	-9.90
	256-QAM	1855.0	0.60	50 / 0	19.85	20.45	0.111	33.01	-12.56
15 MHz	QPSK	1857.5	0.60	1 / 37	24.33	24.93	0.311	33.01	-8.08
		1882.5	0.60	1 / 37	24.12	24.72	0.296	33.01	-8.29
		1907.5	0.60	1 / 37	24.11	24.71	0.296	33.01	-8.30
	16-QAM	1907.5	0.60	1 / 37	23.52	24.12	0.258	33.01	-8.89
	64-QAM	1857.5	0.60	1 / 37	22.58	23.18	0.208	33.01	-9.83
	256-QAM	1857.5	0.60	75 / 0	19.74	20.34	0.108	33.01	-12.67
	QPSK	1860.0	0.60	1 / 50	23.97	24.57	0.286	33.01	-8.44
		1882.5	0.60	1 / 50	24.20	24.80	0.302	33.01	-8.21
		1905.0	0.60	1 / 50	24.20	24.80	0.302	33.01	-8.21
	16-QAM	1860.0	0.60	1 / 50	23.50	24.10	0.257	33.01	-8.91
	64-QAM	1860.0	0.60	1 / 50	22.45	23.05	0.202	33.01	-9.96
	256-QAM	1860.0	0.60	100 / 0	19.74	20.34	0.108	33.01	-12.67

Table 7-17. Antenna 1b EIRP Data (LTE Band 25)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	0.60	1 / 3	24.26	24.86	0.306	33.01	-8.15
		1880.0	0.60	1 / 3	24.10	24.70	0.295	33.01	-8.31
		1909.3	0.60	1 / 3	24.36	24.96	0.313	33.01	-8.05
	16-QAM	1850.7	0.60	1 / 3	23.59	24.19	0.262	33.01	-8.82
	64-QAM	1880.0	0.60	1 / 3	22.39	22.99	0.199	33.01	-10.02
	256-QAM	1850.7	0.60	6 / 0	19.77	20.37	0.109	33.01	-12.64
3 MHz	QPSK	1851.5	0.60	1 / 7	24.20	24.80	0.302	33.01	-8.21
		1880.0	0.60	1 / 7	24.24	24.84	0.305	33.01	-8.17
		1908.5	0.60	1 / 7	24.19	24.79	0.301	33.01	-8.22
	16-QAM	1880.0	0.60	1 / 7	23.53	24.13	0.259	33.01	-8.88
	64-QAM	1851.5	0.60	1 / 7	22.56	23.16	0.207	33.01	-9.85
	256-QAM	1851.5	0.60	15 / 0	19.77	20.37	0.109	33.01	-12.64
5 MHz	QPSK	1852.5	0.60	1 / 24	24.42	25.02	0.318	33.01	-7.99
		1880.0	0.60	1 / 0	24.33	24.93	0.311	33.01	-8.08
		1907.5	0.60	1 / 0	24.17	24.77	0.300	33.01	-8.24
	16-QAM	1852.5	0.60	1 / 24	23.80	24.40	0.275	33.01	-8.61
	64-QAM	1907.5	0.60	1 / 24	22.61	23.21	0.209	33.01	-9.80
	256-QAM	1852.5	0.60	25 / 0	19.78	20.38	0.109	33.01	-12.63
10 MHz	QPSK	1855.0	0.60	1 / 49	24.26	24.86	0.306	33.01	-8.15
		1880.0	0.60	1 / 0	24.23	24.83	0.304	33.01	-8.18
		1905.0	0.60	1 / 25	24.23	24.83	0.304	33.01	-8.18
	16-QAM	1905.0	0.60	1 / 25	23.64	24.24	0.265	33.01	-8.77
	64-QAM	1855.0	0.60	1 / 49	22.61	23.21	0.209	33.01	-9.80
	256-QAM	1855.0	0.60	50 / 0	19.90	20.50	0.112	33.01	-12.51
15 MHz	QPSK	1857.5	0.60	1 / 37	24.42	25.02	0.318	33.01	-7.99
		1880.0	0.60	1 / 37	24.14	24.74	0.298	33.01	-8.27
		1902.5	0.60	1 / 37	24.20	24.80	0.302	33.01	-8.21
	16-QAM	1902.5	0.60	1 / 37	23.59	24.19	0.262	33.01	-8.82
	64-QAM	1857.5	0.60	1 / 37	22.55	23.15	0.207	33.01	-9.86
	256-QAM	1857.5	0.60	75 / 0	19.76	20.36	0.109	33.01	-12.65
20 MHz	QPSK	1860.0	0.60	1 / 50	24.09	24.69	0.294	33.01	-8.32
		1880.0	0.60	1 / 50	24.23	24.83	0.304	33.01	-8.18
		1900.0	0.60	1 / 50	24.20	24.80	0.302	33.01	-8.21
	16-QAM	1860.0	0.60	1 / 50	23.68	24.28	0.268	33.01	-8.73
	64-QAM	1860.0	0.60	1 / 50	22.48	23.08	0.203	33.01	-9.93
	256-QAM	1860.0	0.60	100 / 0	19.78	20.38	0.109	33.01	-12.63

Table 7-18. Antenna 1b EIRP Data (LTE Band 2)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n25

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	0.60	25 / 0	24.27	24.87	0.307	33.01	-8.14
		1882.5	0.60	25 / 0	24.19	24.79	0.301	33.01	-8.22
		1912.5	0.60	25 / 0	24.17	24.77	0.300	33.01	-8.24
	QPSK	1852.5	0.60	1 / 23	24.23	24.83	0.304	33.01	-8.18
		1882.5	0.60	1 / 23	24.20	24.80	0.302	33.01	-8.21
		1912.5	0.60	1 / 12	24.15	24.75	0.299	33.01	-8.26
	16-QAM	1912.5	0.60	1 / 23	23.10	23.70	0.234	33.01	-9.31
	256-QAM	1852.5	0.60	25 / 0	22.32	22.92	0.196	33.01	-10.09
10 MHz	$\pi/2$ BPSK	1855.0	0.60	50 / 0	24.35	24.95	0.313	33.01	-8.06
		1882.5	0.60	50 / 0	24.24	24.84	0.305	33.01	-8.17
		1910.0	0.60	50 / 0	24.22	24.82	0.303	33.01	-8.19
	QPSK	1855.0	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
		1882.5	0.60	1 / 50	24.42	25.02	0.318	33.01	-7.99
		1910.0	0.60	1 / 50	24.07	24.67	0.293	33.01	-8.34
	16-QAM	1855.0	0.60	1 / 1	23.12	23.72	0.236	33.01	-9.29
	256-QAM	1855.0	0.60	50 / 0	22.31	22.91	0.195	33.01	-10.10
15 MHz	$\pi/2$ BPSK	1857.5	0.60	75 / 0	24.24	24.84	0.305	33.01	-8.17
		1882.5	0.60	1 / 1	24.15	24.75	0.299	33.01	-8.26
		1907.5	0.60	1 / 1	24.20	24.80	0.302	33.01	-8.21
	QPSK	1857.5	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
		1882.5	0.60	1 / 1	24.12	24.72	0.296	33.01	-8.29
		1907.5	0.60	1 / 77	24.04	24.64	0.291	33.01	-8.37
	16-QAM	1857.5	0.60	1 / 1	23.06	23.66	0.232	33.01	-9.35
	256-QAM	1857.5	0.60	75 / 0	22.24	22.84	0.192	33.01	-10.17
20 MHz	$\pi/2$ BPSK	1860.0	0.60	1 / 1	24.33	24.93	0.311	33.01	-8.08
		1882.5	0.60	1 / 1	24.23	24.83	0.304	33.01	-8.18
		1905.0	0.60	1 / 104	24.17	24.77	0.300	33.01	-8.24
	QPSK	1860.0	0.60	1 / 104	24.37	24.97	0.314	33.01	-8.04
		1882.5	0.60	1 / 1	24.22	24.82	0.303	33.01	-8.19
		1905.0	0.60	1 / 104	24.03	24.63	0.290	33.01	-8.38
	16-QAM	1882.5	0.60	1 / 1	23.01	23.61	0.230	33.01	-9.40
	256-QAM	1860.0	0.60	100 / 0	22.26	22.86	0.193	33.01	-10.15
25 MHz	$\pi/2$ BPSK	1862.5	0.60	128 / 0	24.20	24.80	0.302	33.01	-8.21
		1882.5	0.60	128 / 0	24.17	24.77	0.300	33.01	-8.24
		1902.5	0.60	128 / 0	24.15	24.75	0.299	33.01	-8.26
	QPSK	1862.5	0.60	1 / 64	24.17	24.77	0.300	33.01	-8.24
		1882.5	0.60	1 / 64	24.28	24.88	0.308	33.01	-8.13
		1902.5	0.60	1 / 64	24.06	24.66	0.292	33.01	-8.35
	16-QAM	1862.5	0.60	1 / 64	22.94	23.54	0.226	33.01	-9.47
	256-QAM	1862.5	0.60	128 / 0	20.29	20.89	0.123	33.01	-12.12
30 MHz	$\pi/2$ BPSK	1865.0	0.60	160 / 0	24.21	24.81	0.303	33.01	-8.20
		1882.5	0.60	160 / 0	24.18	24.78	0.301	33.01	-8.23
		1900.0	0.60	160 / 0	24.13	24.73	0.297	33.01	-8.28
	QPSK	1865.0	0.60	1 / 80	24.19	24.79	0.301	33.01	-8.22
		1882.5	0.60	1 / 1	24.34	24.94	0.312	33.01	-8.07
		1900.0	0.60	1 / 158	24.24	24.84	0.305	33.01	-8.17
	16-QAM	1865.0	0.60	1 / 158	23.04	23.64	0.231	33.01	-9.37
	256-QAM	1865.0	0.60	160 / 0	22.24	22.84	0.192	33.01	-10.17
35 MHz	$\pi/2$ BPSK	1867.5	0.60	180 / 0	24.17	24.77	0.300	33.01	-8.24
		1882.5	0.60	180 / 0	24.18	24.78	0.301	33.01	-8.23
		1897.5	0.60	1 / 93	24.24	24.84	0.305	33.01	-8.17
	QPSK	1867.5	0.60	1 / 1	24.25	24.85	0.305	33.01	-8.16
		1882.5	0.60	1 / 1	24.24	24.84	0.305	33.01	-8.17
		1897.5	0.60	1 / 1	24.09	24.69	0.294	33.01	-8.32
	16-QAM	1882.5	0.60	1 / 1	23.05	23.65	0.232	33.01	-9.36
	256-QAM	1867.5	0.60	180 / 0	22.24	22.84	0.192	33.01	-10.17
40 MHz	$\pi/2$ BPSK	1870.0	0.60	1 / 108	24.22	24.82	0.303	33.01	-8.19
		1882.5	0.60	216 / 0	24.20	24.80	0.302	33.01	-8.21
		1895.0	0.60	216 / 0	24.10	24.70	0.295	33.01	-8.31
	QPSK	1870.0	0.60	1 / 214	24.17	24.77	0.300	33.01	-8.24
		1882.5	0.60	1 / 1	24.19	24.79	0.301	33.01	-8.22
		1895.0	0.60	1 / 1	24.14	24.74	0.298	33.01	-8.27
	16-QAM	1895.0	0.60	1 / 1	23.15	23.75	0.237	33.01	-9.26
	256-QAM	1870.0	0.60	216 / 0	22.23	22.83	0.192	33.01	-10.18

Table 7-19. Antenna 1b EIRP Data (NR Band n25)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n2

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	1852.5	0.60	1 / 1	24.35	24.95	0.313	33.01	-8.06
		1880.0	0.60	25 / 0	24.24	24.84	0.305	33.01	-8.17
		1907.5	0.60	25 / 0	24.14	24.74	0.298	33.01	-8.27
	QPSK	1852.5	0.60	1 / 23	24.28	24.88	0.308	33.01	-8.13
		1880.0	0.60	1 / 23	24.24	24.84	0.305	33.01	-8.17
		1907.5	0.60	1 / 1	24.08	24.68	0.294	33.01	-8.33
	16-QAM	1880.0	0.60	1 / 1	23.08	23.68	0.233	33.01	-9.33
	64-QAM	1880.0	0.60	25 / 0	22.35	22.95	0.197	33.01	-10.06
10 MHz	$\pi/2$ BPSK	1880.0	0.60	25 / 0	20.32	20.92	0.124	33.01	-12.09
		1855.0	0.60	50 / 0	24.30	24.90	0.309	33.01	-8.11
		1880.0	0.60	50 / 0	24.30	24.90	0.309	33.01	-8.11
	QPSK	1905.0	0.60	50 / 0	24.18	24.78	0.301	33.01	-8.23
		1855.0	0.60	1 / 50	24.31	24.91	0.310	33.01	-8.10
		1880.0	0.60	1 / 1	24.23	24.83	0.304	33.01	-8.18
	16-QAM	1905.0	0.60	1 / 50	24.09	24.69	0.294	33.01	-8.32
	64-QAM	1855.0	0.60	1 / 25	23.08	23.68	0.233	33.01	-9.33
15 MHz	$\pi/2$ BPSK	1880.0	0.60	50 / 0	22.29	22.89	0.195	33.01	-10.12
		1855.0	0.60	50 / 0	20.37	20.97	0.125	33.01	-12.04
		1880.0	0.60	50 / 0	20.37	20.97	0.125	33.01	-12.04
	QPSK	1857.5	0.60	75 / 0	24.22	24.82	0.303	33.01	-8.19
		1880.0	0.60	75 / 0	24.21	24.81	0.303	33.01	-8.20
		1902.5	0.60	75 / 0	24.07	24.67	0.293	33.01	-8.34
	16-QAM	1857.5	0.60	1 / 1	24.29	24.89	0.308	33.01	-8.12
	64-QAM	1880.0	0.60	1 / 36	24.20	24.80	0.302	33.01	-8.21
20 MHz	$\pi/2$ BPSK	1902.5	0.60	1 / 77	24.15	24.75	0.299	33.01	-8.26
		1857.5	0.60	1 / 1	23.02	23.62	0.230	33.01	-9.39
		1857.5	0.60	75 / 0	22.27	22.87	0.194	33.01	-10.14
	16-QAM	1857.5	0.60	75 / 0	22.27	22.87	0.194	33.01	-10.14
	64-QAM	1857.5	0.60	75 / 0	22.27	22.87	0.194	33.01	-10.14
	256-QAM	1857.5	0.60	75 / 0	20.24	20.84	0.121	33.01	-12.17
	QPSK	1860.0	0.60	100 / 0	24.22	24.82	0.303	33.01	-8.19
		1880.0	0.60	100 / 0	24.25	24.85	0.305	33.01	-8.16
25 MHz	$\pi/2$ BPSK	1900.0	0.60	100 / 0	24.16	24.76	0.299	33.01	-8.25
		1860.0	0.60	1 / 50	24.23	24.83	0.304	33.01	-8.18
		1880.0	0.60	1 / 104	24.15	24.75	0.299	33.01	-8.26
	QPSK	1900.0	0.60	1 / 1	24.11	24.71	0.296	33.01	-8.30
		1860.0	0.60	1 / 50	22.99	23.59	0.229	33.01	-9.42
		1880.0	0.60	100 / 0	22.27	22.87	0.194	33.01	-10.14
	16-QAM	1880.0	0.60	100 / 0	20.27	20.87	0.122	33.01	-12.14
	256-QAM	1880.0	0.60	100 / 0	20.27	20.87	0.122	33.01	-12.14
30 MHz	$\pi/2$ BPSK	1862.5	0.60	1 / 64	24.25	24.85	0.305	33.01	-8.16
		1880.0	0.60	128 / 0	24.24	24.84	0.305	33.01	-8.17
		1897.5	0.60	128 / 0	24.13	24.73	0.297	33.01	-8.28
	QPSK	1862.5	0.60	1 / 64	24.15	24.75	0.299	33.01	-8.26
		1880.0	0.60	1 / 64	24.11	24.71	0.296	33.01	-8.30
		1897.5	0.60	1 / 64	24.06	24.66	0.292	33.01	-8.35
	16-QAM	1862.5	0.60	1 / 64	22.95	23.55	0.226	33.01	-9.46
	64-QAM	1880.0	0.60	128 / 0	22.31	22.91	0.195	33.01	-10.10
35 MHz	$\pi/2$ BPSK	1880.0	0.60	128 / 0	20.30	20.90	0.123	33.01	-12.11
		1865.0	0.60	160 / 0	24.20	24.80	0.302	33.01	-8.21
		1880.0	0.60	160 / 0	24.22	24.82	0.303	33.01	-8.19
	QPSK	1895.0	0.60	1 / 1	24.13	24.73	0.297	33.01	-8.28
		1865.0	0.60	1 / 1	24.26	24.86	0.306	33.01	-8.15
		1880.0	0.60	1 / 80	24.19	24.79	0.301	33.01	-8.22
	16-QAM	1895.0	0.60	1 / 1	24.12	24.72	0.296	33.01	-8.29
	64-QAM	1880.0	0.60	1 / 80	23.03	23.63	0.231	33.01	-9.38
40 MHz	$\pi/2$ BPSK	1880.0	0.60	160 / 0	22.25	22.85	0.193	33.01	-10.16
		1867.5	0.60	160 / 0	20.25	20.85	0.122	33.01	-12.16
		1867.5	0.60	180 / 0	24.17	24.77	0.300	33.01	-8.24
	QPSK	1880.0	0.60	180 / 0	24.20	24.80	0.302	33.01	-8.21
		1892.5	0.60	180 / 0	24.12	24.72	0.296	33.01	-8.29
		1867.5	0.60	1 / 1	24.26	24.86	0.306	33.01	-8.15
	16-QAM	1880.0	0.60	1 / 1	24.21	24.81	0.303	33.01	-8.20
	64-QAM	1892.5	0.60	1 / 1	24.05	24.65	0.292	33.01	-8.36
45 MHz	$\pi/2$ BPSK	1880.0	0.60	1 / 1	22.98	23.58	0.228	33.01	-9.43
		1880.0	0.60	180 / 0	22.23	22.83	0.192	33.01	-10.18
		1867.5	0.60	180 / 0	20.22	20.82	0.121	33.01	-12.19
	QPSK	1870.0	0.60	1 / 214	24.29	24.89	0.308	33.01	-8.12
		1880.0	0.60	1 / 1	24.26	24.86	0.306	33.01	-8.15
		1890.0	0.60	216 / 0	24.16	24.76	0.299	33.01	-8.25
	16-QAM	1870.0	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
	64-QAM	1880.0	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
50 MHz	$\pi/2$ BPSK	1890.0	0.60	1 / 1	24.10	24.70	0.295	33.01	-8.31
		1880.0	0.60	1 / 1	23.02	23.62	0.230	33.01	-9.39
		1880.0	0.60	216 / 0	22.25	22.85	0.193	33.01	-10.16
	QPSK	1880.0	0.60	216 / 0	20.26	20.86	0.122	33.01	-12.15
		1870.0	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
		1880.0	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
	16-QAM	1890.0	0.60	1 / 1	24.10	24.70	0.295	33.01	-8.31
	64-QAM	1880.0	0.60	1 / 1	23.02	23.62	0.230	33.01	-9.39
55 MHz	$\pi/2$ BPSK	1880.0	0.60	216 / 0	20.26	20.86	0.122	33.01	-12.15
		1870.0	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
		1880.0	0.60	1 / 1	24.16	24.76	0.299	33.01	-8.25
	QPSK	1890.0	0.60	1 / 1	24.10	24.70	0.295	33.01	-8.31
		1880.0	0.60	1 / 1	23.02	23.62	0.230	33.01	-9.39
		1880.0	0.60	216 / 0	20.26	20.86	0.122	33.01	-12.15
	16-QAM	1890.0	0.60	1 / 1	24.10	24.70	0.295	33.01	-8.31
	64-QAM	1880.0	0.60	1 / 1	23.02	23.62	0.230	33.01	-9.39

Table 7-20. Antenna 1b EIRP Data (NR Band n2)

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WCDMA PCS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	24.33	0.60	24.93	0.311	33.01	-8.08
1880.00	WCDMA1900	24.42	0.60	25.02	0.318	33.01	-7.99
1907.60	WCDMA1900	24.39	0.60	24.99	0.316	33.01	-8.02

Table 7-21. Antenna 1b EIRP Data (WCDMA PCS)

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7.7 Radiated Spurious Emissions

§2.1053, 24.238(a)

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in KDB 971168 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically 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 peak measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

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

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Test Setup

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

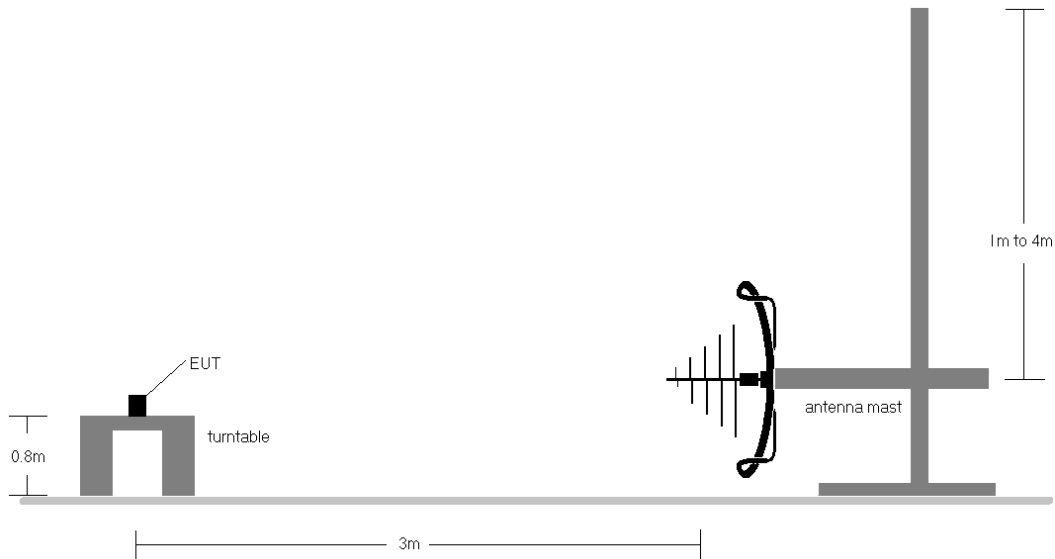


Figure 7-11. Test Instrument & Measurement Setup < 1GHz

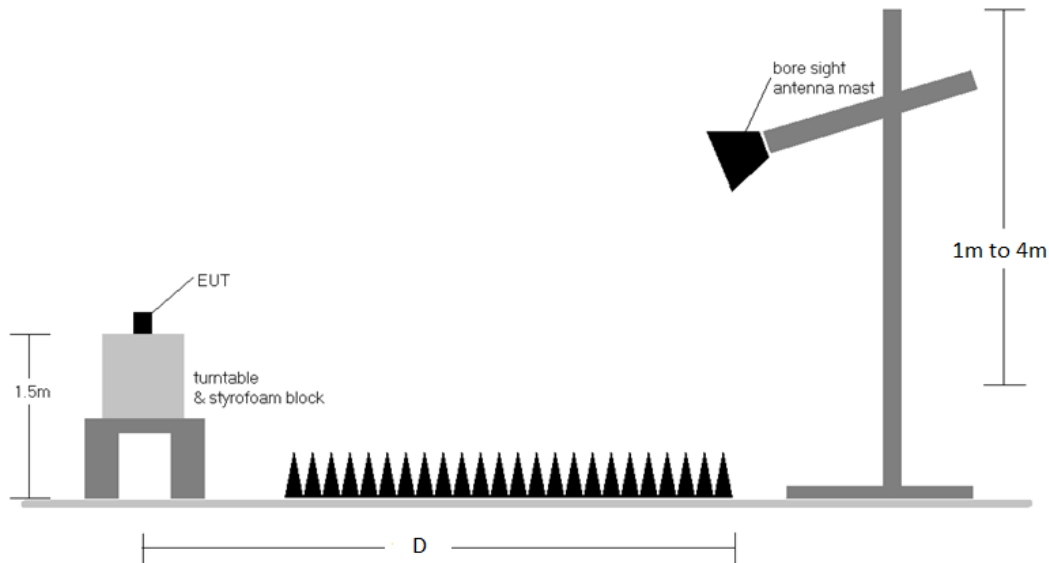


Figure 7-12. Test Instrument & Measurement Setup >1 GHz

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Test Notes

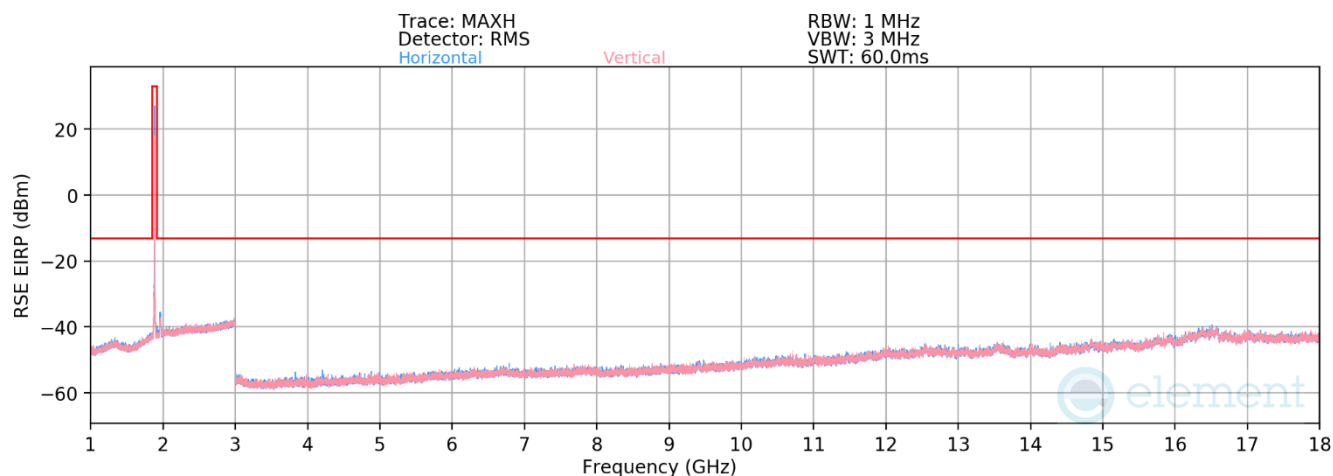
1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
3. 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.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. No significant emissions were found for below 1GHz and Above 18GHz measurement.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) 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.
10. Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case.
11. Pre-scan plots have been reported for the highest power antenna while measurements have been reported for all antennas.

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7.7.1 Antenna 4 – Radiated Spurious Emission Measurement

LTE Band 25/2



Plot 7-338. Radiated Spurious Plot (LTE Band 25/2)

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Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	V	-	-	-79.04	5.22	33.18	-62.08	-13.00	-49.08
5580.0	H	-	-	-80.98	8.15	34.17	-61.09	-13.00	-48.09
7440.0	V	-	-	-81.36	10.30	35.94	-59.32	-13.00	-46.32

Table 7-22. Antenna 4 Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	H	-	-	-78.90	5.09	33.18	-62.07	-13.00	-49.07
5647.5	H	-	-	-80.53	8.41	34.88	-60.38	-13.00	-47.38
7530.0	H	-	-	-81.42	10.49	36.07	-59.18	-13.00	-46.18

Table 7-23. Antenna 4 Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

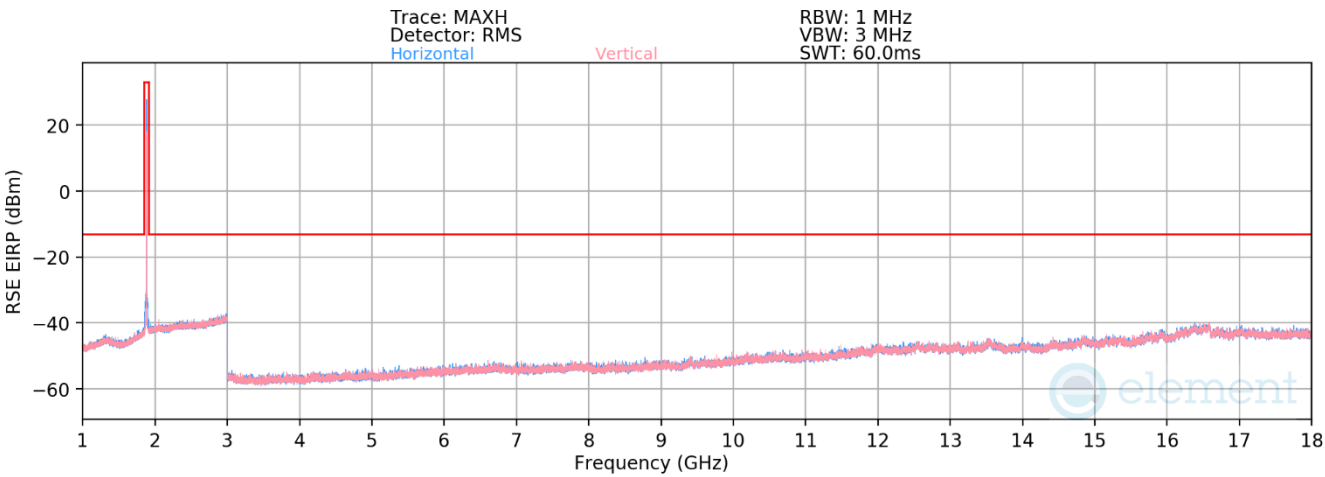
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	V	-	-	-78.84	4.80	32.96	-62.30	-13.00	-49.30
5715.00	H	-	-	-80.87	8.52	34.64	-60.61	-13.00	-47.61
7620.00	V	-	-	-81.27	10.34	36.07	-59.19	-13.00	-46.19

Table 7-24. Antenna 4 Radiated Spurious Data (LTE Band 25/2 – High Channel)

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NR Band n25/n2



Plot 7-339. Radiated Spurious Plot (NR Band n25/n2)

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Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	H	-	-	-78.87	4.88	33.01	-62.25	-13.00	-49.25
5610.0	H	-	-	-80.85	8.07	34.22	-61.04	-13.00	-48.04
7480.0	V	-	-	-81.30	10.26	35.96	-59.30	-13.00	-46.30

Table 7-25. Antenna 4 Radiated Spurious Data (NR Band n25/n2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-79.08	5.09	33.01	-62.25	-13.00	-49.25
5647.5	V	-	-	-80.94	8.41	34.47	-60.79	-13.00	-47.79
7530.0	H	-	-	-81.37	10.49	36.12	-59.13	-13.00	-46.13

Table 7-26. Antenna 4 Radiated Spurious Data (NR Band n25/n2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

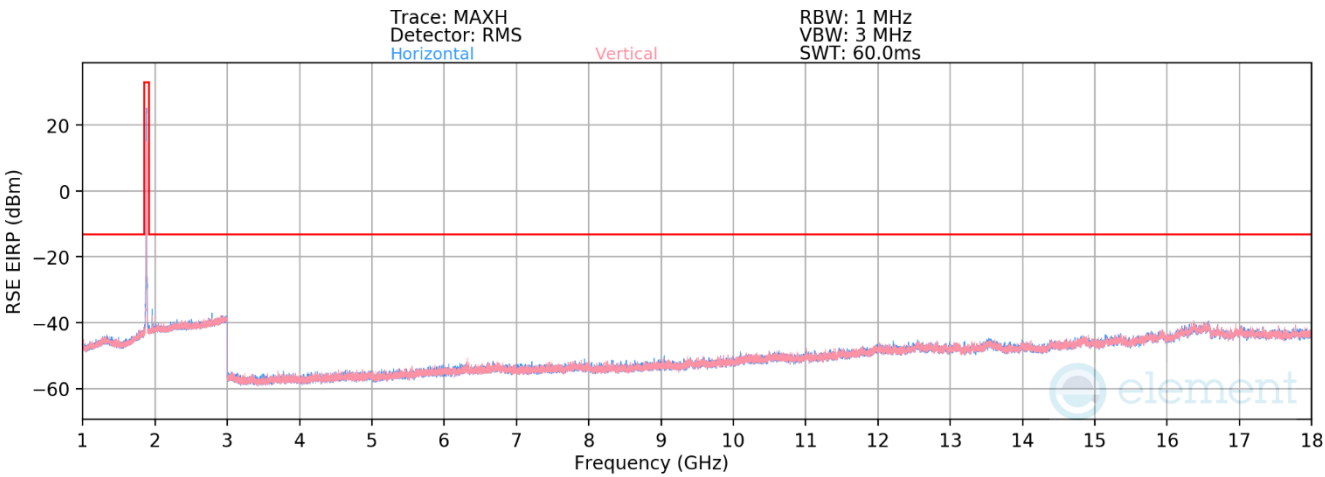
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	H	-	-	-79.03	4.88	32.85	-62.41	-13.00	-49.41
5685.0	V	-	-	-80.59	8.29	34.70	-60.55	-13.00	-47.55
7580.0	H	-	-	-81.43	10.45	36.03	-59.23	-13.00	-46.23

Table 7-27. Antenna 4 Radiated Spurious Data (NR Band n25/n2 – High Channel)

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WCDMA PCS



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Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	H	-	-	-79.22	5.22	32.99	-62.26	-13.00	-49.26
5557.2	H	-	-	-80.86	8.30	34.44	-60.82	-13.00	-47.82
7409.6	V	-	-	-81.82	10.81	35.99	-59.27	-13.00	-46.27

Table 7-28. Antenna 4 Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	H	-	-	-79.01	4.88	32.87	-62.39	-13.00	-49.39
5640.0	H	-	-	-81.11	8.41	34.30	-60.95	-13.00	-47.95
7520.0	H	-	-	-81.58	10.49	35.91	-59.35	-13.00	-46.35

Table 7-29. Antenna 4 Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	V	-	-	-78.81	4.80	32.99	-62.27	-13.00	-49.27
5722.8	H	-	-	-81.08	8.58	34.50	-60.76	-13.00	-47.76
7630.4	V	-	-	-81.47	10.34	35.87	-59.39	-13.00	-46.39

Table 7-30. Antenna 4 Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA3462	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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7.7.2 Antenna 2 – Radiated Spurious Emission Measurement

LTE Band 25/2

Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	V	-	-	-78.78	4.86	33.08	-62.18	-13.00	-49.18
5580.0	H	-	-	-80.85	8.22	34.37	-60.89	-13.00	-47.89
7440.0	H	-	-	-81.57	10.46	35.89	-59.37	-13.00	-46.37

Table 7-31. Antenna 2 Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	H	-	-	-78.88	4.88	33.00	-62.25	-13.00	-49.25
5647.5	H	-	-	-80.70	8.41	34.71	-60.55	-13.00	-47.55
7530.0	V	-	-	-81.12	10.29	36.17	-59.09	-13.00	-46.09

Table 7-32. Antenna 2 Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	V	-	-	-78.66	4.80	33.14	-62.12	-13.00	-49.12
5715.00	H	-	-	-80.58	8.17	34.58	-60.67	-13.00	-47.67
7620.00	H	-	-	-81.19	10.38	36.20	-59.06	-13.00	-46.06

Table 7-33. Antenna 2 Radiated Spurious Data (LTE Band 25/2 – High Channel)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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NR Band n25/n2

Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-79.33	5.22	32.89	-62.37	-13.00	-49.37
5610.0	V	-	-	-81.06	8.38	34.32	-60.94	-13.00	-47.94
7480.0	H	-	-	-81.43	10.29	35.86	-59.40	-13.00	-46.40

Table 7-34. Antenna 2 Radiated Spurious Data (NR Band n25/n2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	H	-	-	-79.12	5.09	32.97	-62.29	-13.00	-49.29
5647.5	H	-	-	-80.55	8.07	34.51	-60.74	-13.00	-47.74
7530.0	V	-	-	-80.99	10.49	36.50	-58.76	-13.00	-45.76

Table 7-35. Antenna 2 Radiated Spurious Data (NR Band n25/n2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	H	-	-	-79.21	5.09	32.88	-62.38	-13.00	-49.38
5685.0	H	-	-	-81.02	8.52	34.49	-60.76	-13.00	-47.76
7580.0	V	-	-	-81.46	10.43	35.97	-59.29	-13.00	-46.29

Table 7-36. Antenna 2 Radiated Spurious Data (NR Band n25/n2 – High Channel)

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WCDMA PCS

Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	H	-	-	-79.15	4.63	32.47	-62.79	-13.00	-49.79
5557.2	V	-	-	-80.14	8.47	35.33	-59.92	-13.00	-46.92
7409.6	V	-	-	-79.13	10.60	38.47	-56.78	-13.00	-43.78

Table 7-37. Antenna 2 Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-79.08	5.09	33.01	-62.25	-13.00	-49.25
5640.0	H	-	-	-80.54	8.17	34.63	-60.63	-13.00	-47.63
7520.0	V	-	-	-81.11	10.26	36.15	-59.10	-13.00	-46.10

Table 7-38. Antenna 2 Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	H	-	-	-79.15	5.27	33.12	-62.14	-13.00	-49.14
5722.8	H	-	-	-80.60	8.17	34.57	-60.69	-13.00	-47.69
7630.4	V	-	-	-81.51	10.38	35.87	-59.38	-13.00	-46.38

Table 7-39. Antenna 2 Radiated Spurious Data (WCDMA PCS – High Channel)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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7.7.3 Antenna 3b – Radiated Spurious Emission Measurement

LTE Band 25/2

Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	V	-	-	-78.65	4.86	33.21	-62.05	-13.00	-49.05
5580.0	H	-	-	-80.98	8.16	34.18	-61.07	-13.00	-48.07
7440.0	H	-	-	-81.25	10.30	36.05	-59.21	-13.00	-46.21

Table 7-40. Antenna 3b Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	H	-	-	-78.95	4.88	32.93	-62.32	-13.00	-49.32
5647.5	H	-	-	-80.82	8.41	34.60	-60.66	-13.00	-47.66
7530.0	V	-	-	-81.12	10.29	36.17	-59.09	-13.00	-46.09

Table 7-41. Antenna 3b Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	H	-	-	-78.81	4.80	32.99	-62.26	-13.00	-49.26
5715.00	V	-	-	-80.62	8.17	34.55	-60.71	-13.00	-47.71
7620.00	H	-	-	-81.23	10.34	36.11	-59.15	-13.00	-46.15

Table 7-42. Antenna 3b Radiated Spurious Data (LTE Band 25/2 – High Channel)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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NR Band n25/n2

Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-79.17	5.22	33.05	-62.21	-13.00	-49.21
5610.0	V	-	-	-81.03	8.38	34.35	-60.91	-13.00	-47.91
7480.0	H	-	-	-81.36	10.26	35.90	-59.36	-13.00	-46.36

Table 7-43. Antenna 3b Radiated Spurious Data (NR Band n25/n2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	H	-	-	-79.18	5.09	32.91	-62.35	-13.00	-49.35
5647.5	H	-	-	-80.95	8.41	34.46	-60.79	-13.00	-47.79
7530.0	H	-	-	-81.52	10.49	35.97	-59.29	-13.00	-46.29

Table 7-44. Antenna 3b Radiated Spurious Data (NR Band n25/n2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	H	-	-	-78.90	4.88	32.98	-62.28	-13.00	-49.28
5685.0	V	-	-	-80.80	8.41	34.62	-60.64	-13.00	-47.64
7580.0	V	-	-	-81.44	10.45	36.02	-59.24	-13.00	-46.24

Table 7-45. Antenna 3b Radiated Spurious Data (NR Band n25/n2 – High Channel)

FCC ID: BCGA3462		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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WCDMA PCS

Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	V	-	-	-78.81	4.63	32.81	-62.44	-13.00	-49.44
5557.2	V	-	-	-80.33	8.47	35.15	-60.11	-13.00	-47.11
7409.6	H	-	-	-78.84	10.60	38.76	-56.50	-13.00	-43.50

Table 7-46. Antenna 3b Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	H	-	-	-78.99	4.53	32.54	-62.72	-13.00	-49.72
5640.0	V	-	-	-80.30	8.31	35.01	-60.24	-13.00	-47.24
7520.0	V	-	-	-81.10	10.77	36.68	-58.58	-13.00	-45.58

Table 7-47. Antenna 3b Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	H	-	-	-78.77	4.55	32.77	-62.49	-13.00	-49.49
5722.8	V	-	-	-79.88	8.32	35.43	-59.82	-13.00	-46.82
7630.4	H	-	-	-81.19	10.92	36.73	-58.53	-13.00	-45.53

Table 7-48. Antenna 3b Radiated Spurious Data (WCDMA PCS – High Channel)

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7.7.4 Antenna 1b – Radiated Spurious Emission Measurement

LTE Band 25/2

Bandwidth (MHz):	20
Frequency (MHz):	1860.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.0	H	-	-	-79.01	5.22	33.21	-62.05	-13.00	-49.05
5580.0	V	-	-	-80.78	8.16	34.38	-60.88	-13.00	-47.88
7440.0	H	-	-	-81.35	10.30	35.94	-59.32	-13.00	-46.32

Table 7-49. Antenna 1b Radiated Spurious Data (LTE Band 25/2 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-78.95	4.88	32.93	-62.33	-13.00	-49.33
5647.5	H	-	-	-80.92	8.41	34.49	-60.77	-13.00	-47.77
7530.0	H	-	-	-80.99	10.29	36.30	-58.96	-13.00	-45.96

Table 7-50. Antenna 1b Radiated Spurious Data (LTE Band 25/2 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1905.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	H	-	-	-78.61	4.80	33.19	-62.07	-13.00	-49.07
5715.00	H	-	-	-80.68	8.17	34.49	-60.77	-13.00	-47.77
7620.00	H	-	-	-81.34	10.22	35.88	-59.38	-13.00	-46.38

Table 7-51. Antenna 1b Radiated Spurious Data (LTE Band 25/2 – High Channel)

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NR Band n25/n2

Bandwidth (MHz):	40
Frequency (MHz):	1870.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.0	V	-	-	-78.82	4.86	33.04	-62.22	-13.00	-49.22
5610.0	V	-	-	-81.10	8.38	34.28	-60.98	-13.00	-47.98
7480.0	H	-	-	-81.37	10.29	35.92	-59.34	-13.00	-46.34

Table 7-52. Antenna 1b Radiated Spurious Data (NR Band n25/n2 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.0	V	-	-	-78.65	4.88	33.23	-62.03	-13.00	-49.03
5647.5	H	-	-	-80.83	8.41	34.58	-60.68	-13.00	-47.68
7530.0	V	-	-	-81.39	10.49	36.10	-59.16	-13.00	-46.16

Table 7-53. Antenna 1b Radiated Spurious Data (NR Band n25/n2 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1895.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.0	V	-	-	-78.76	5.09	33.33	-61.93	-13.00	-48.93
5685.0	V	-	-	-80.99	8.52	34.53	-60.73	-13.00	-47.73
7580.0	V	-	-	-81.18	10.34	36.16	-59.10	-13.00	-46.10

Table 7-54. Antenna 1b Radiated Spurious Data (NR Band n25/n2 – High Channel)

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WCDMA PCS

Mode:	WCDMA RMC
Channel:	9262
Frequency (MHz):	1852.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3704.8	V	-	-	-79.11	4.63	32.52	-62.74	-13.00	-49.74
5557.2	V	-	-	-80.23	8.31	35.08	-60.18	-13.00	-47.18
7409.6	V	-	-	-79.27	10.60	38.33	-56.93	-13.00	-43.93

Table 7-55. Antenna 1b Radiated Spurious Data (WCDMA PCS – Low Channel)

Mode:	WCDMA RMC
Channel:	9400
Frequency (MHz):	1880

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	H	-	-	-78.96	4.46	32.50	-62.75	-13.00	-49.75
5640.0	H	-	-	-79.69	7.92	35.24	-60.02	-13.00	-47.02
7520.0	H	-	-	-81.10	10.77	36.68	-58.58	-13.00	-45.58

Table 7-56. Antenna 1b Radiated Spurious Data (WCDMA PCS – Mid Channel)

Mode:	WCDMA RMC
Channel:	9538
Frequency (MHz):	1907.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3815.2	H	-	-	-78.97	4.55	32.58	-62.68	-13.00	-49.68
5722.8	H	-	-	-79.92	8.31	35.38	-59.87	-13.00	-46.87
7630.4	H	-	-	-81.06	10.92	36.86	-58.40	-13.00	-45.40

Table 7-57. Antenna 1b Radiated Spurious Data (WCDMA PCS – High Channel)

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7.8 Frequency Stability / Temperature Variation

§2.1055, §24.235

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015 and TIA-603-E-2016. The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 24 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Procedure Used

ANSI C63.26-2015

TIA-603-E-2016

Test Settings

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

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Test Setup

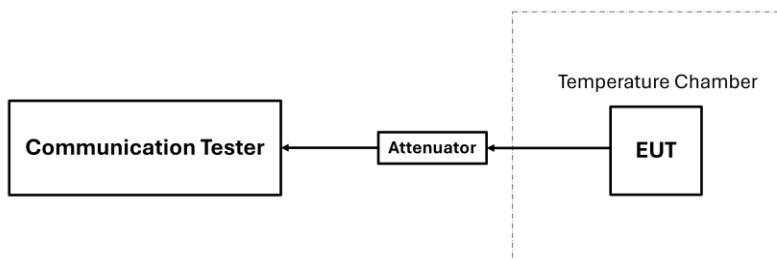


Figure 7-13. LTE Test Instrument & Measurement Setup

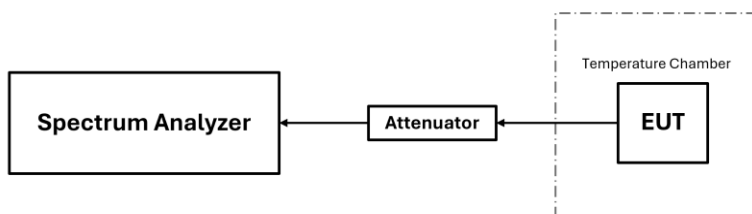


Figure 7-14. FR1 Test Instrument & Measurement Setup

Test Notes

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

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Frequency Stability / Temperature Variation

LTE B25/2				
		Operating Band Lower Boundary (GHz)	1.850	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.85053422	-0.00053422
		- 20	1.85059734	-0.00059734
		- 10	1.85052381	-0.00052381
		0	1.85058819	-0.00058819
		+ 10	1.85055648	-0.00055648
		+ 20 (Ref)	1.85050926	-0.00050926
		+ 30	1.85057381	-0.00057381
		+ 40	1.85054593	-0.00054593
		+ 50	1.85059237	-0.00059237
Battery Endpoint	3.40	+ 20	1.85051768	-0.00051768

Table 7-58. LTE Band 25/2 Lower Boundary Frequency Stability Data

LTE B25/2				
		Operating Band Upper Boundary (GHz)	1.915	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.91449316	-0.00050684
		- 20	1.91445874	-0.00054126
		- 10	1.91447921	-0.00052079
		0	1.91444562	-0.00055438
		+ 10	1.91448690	-0.00051310
		+ 20 (Ref)	1.91446613	-0.00053387
		+ 30	1.91449254	-0.00050746
		+ 40	1.91442835	-0.00057165
		+ 50	1.91447389	-0.00052611
Battery Endpoint	3.40	+ 20	1.91445128	-0.00054872

Table 7-59. LTE Band 25/2 Upper Boundary Frequency Stability Data

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NR Band n25/n2

NR Band n25/n2				
Operating Band Lower Boundary (GHz)			1.850	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.85038422	-0.00038422
		- 20	1.85062950	-0.00062950
		- 10	1.85027395	-0.00027395
		0	1.85054823	-0.00054823
		+ 10	1.85048719	-0.00048719
		+ 20 (Ref)	1.85066481	-0.00066481
		+ 30	1.85024561	-0.00024561
		+ 40	1.85058139	-0.00058139
		+ 50	1.85031973	-0.00031973
Battery Endpoint	3.40	+ 20	1.85043088	-0.00043087

Table 7-60. NR Band n25/n2 Lower Boundary Frequency Stability Data

NR Band n25/n2				
Operating Band Upper Boundary (GHz)			1.915	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.91452746	-0.00047254
		- 20	1.91438621	-0.00061379
		- 10	1.91423472	-0.00076528
		0	1.91459380	-0.00040620
		+ 10	1.91445167	-0.00054833
		+ 20 (Ref)	1.91427894	-0.00072106
		+ 30	1.91456232	-0.00043769
		+ 40	1.91449371	-0.00050629
		+ 50	1.91431753	-0.00068247
Battery Endpoint	3.40	+ 20	1.91424590	-0.00075410

Table 7-61. NR Band n25/n2 Upper Boundary Frequency Stability Data

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WCDMA PCS

WCDMA PCS				
		Operating Band Lower Boundary (GHz)	1.850	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.85068242	-0.00068241
		- 20	1.85057393	-0.00057393
		- 10	1.85049531	-0.00049531
		0	1.85066720	-0.00066720
		+ 10	1.85054289	-0.00054289
		+ 20 (Ref)	1.85061247	-0.00061247
		+ 30	1.85048931	-0.00048931
		+ 40	1.85065597	-0.00065597
		+ 50	1.85043763	-0.00043762
Battery Endpoint	3.40	+ 20	1.85059821	-0.00059821

Table 7-62. WCDMA PCS Lower Boundary Frequency Stability Data

WCDMA PCS				
		Operating Band Upper Boundary (GHz)	1.915	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.91468244	-0.00031756
		- 20	1.91445120	-0.00054880
		- 10	1.91461785	-0.00038215
		0	1.91469357	-0.00030643
		+ 10	1.91450830	-0.00049170
		+ 20 (Ref)	1.91465942	-0.00034058
		+ 30	1.91447399	-0.00052601
		+ 40	1.91462272	-0.00037728
		+ 50	1.91458830	-0.00041170
Battery Endpoint	3.40	+ 20	1.91444257	-0.00055743

Table 7-63. WCDMA PCS Upper Boundary Frequency Stability Data

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8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Tablet Device** **FCC ID: BCGA3462** complies with all the requirements of Part 24 of the FCC rules.

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