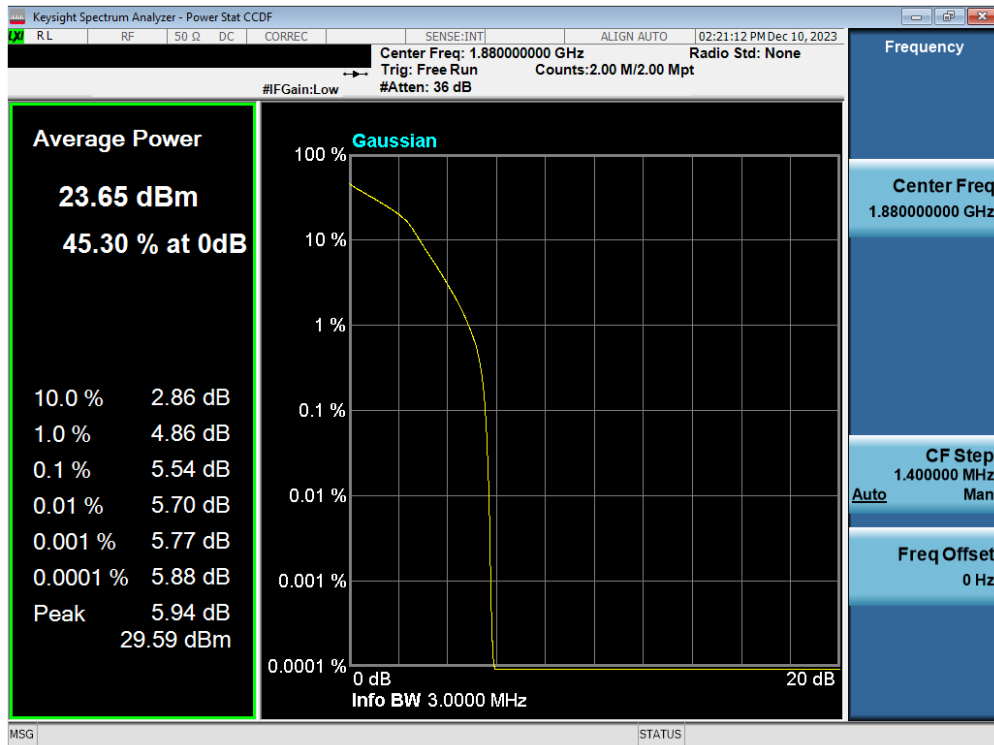
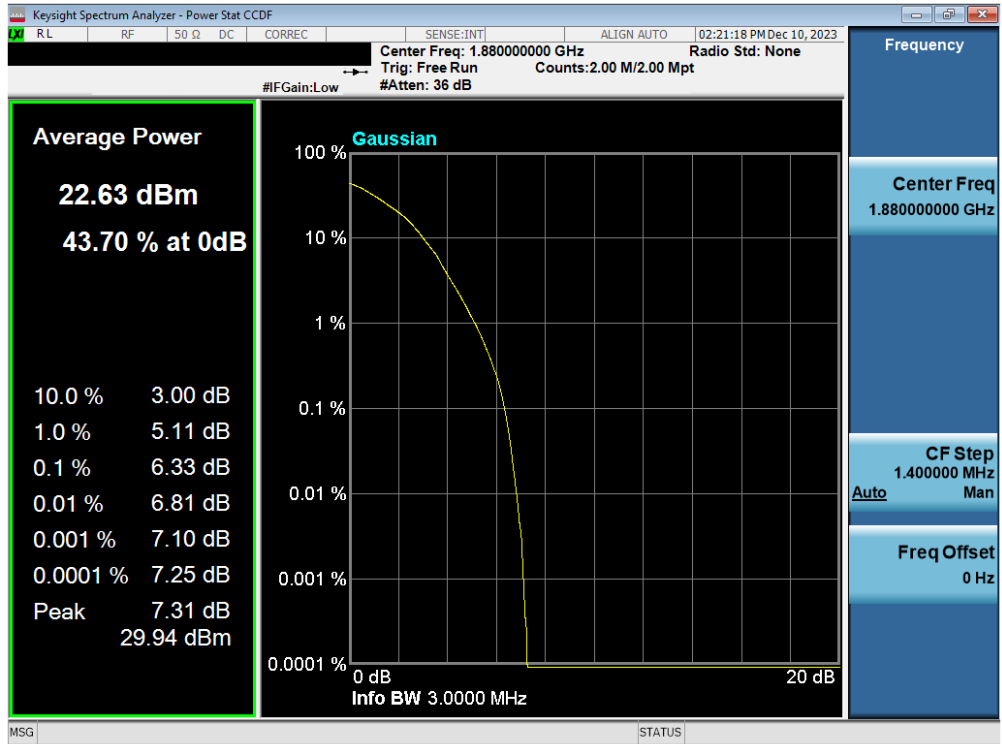


Plot 7-221. PAR Plot (LTE Band 2 - 3MHz QPSK - Full RB Configuration)

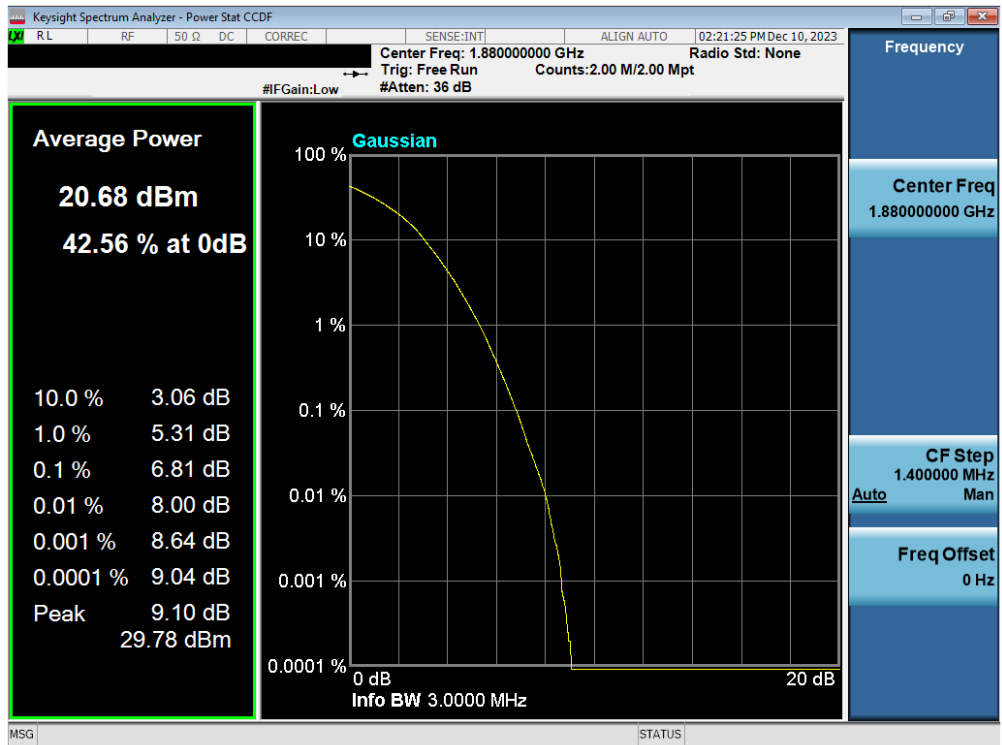


Plot 7-222. PAR Plot (LTE Band 2 - 3MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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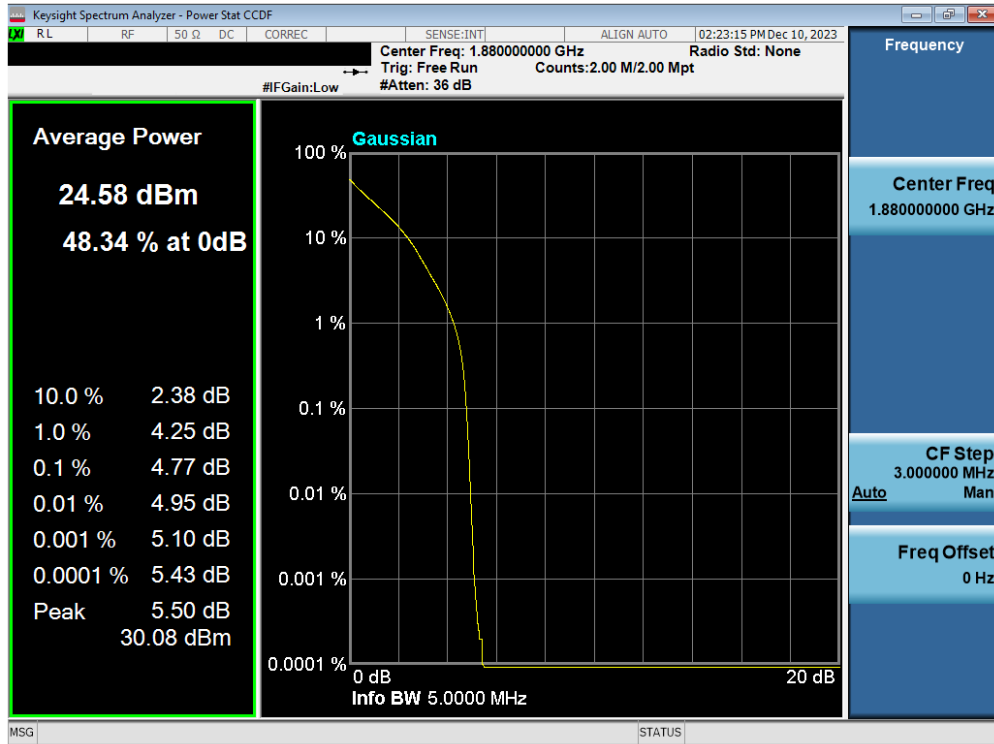


Plot 7-223. PAR Plot (LTE Band 2 - 3MHz 64-QAM - Full RB Configuration)

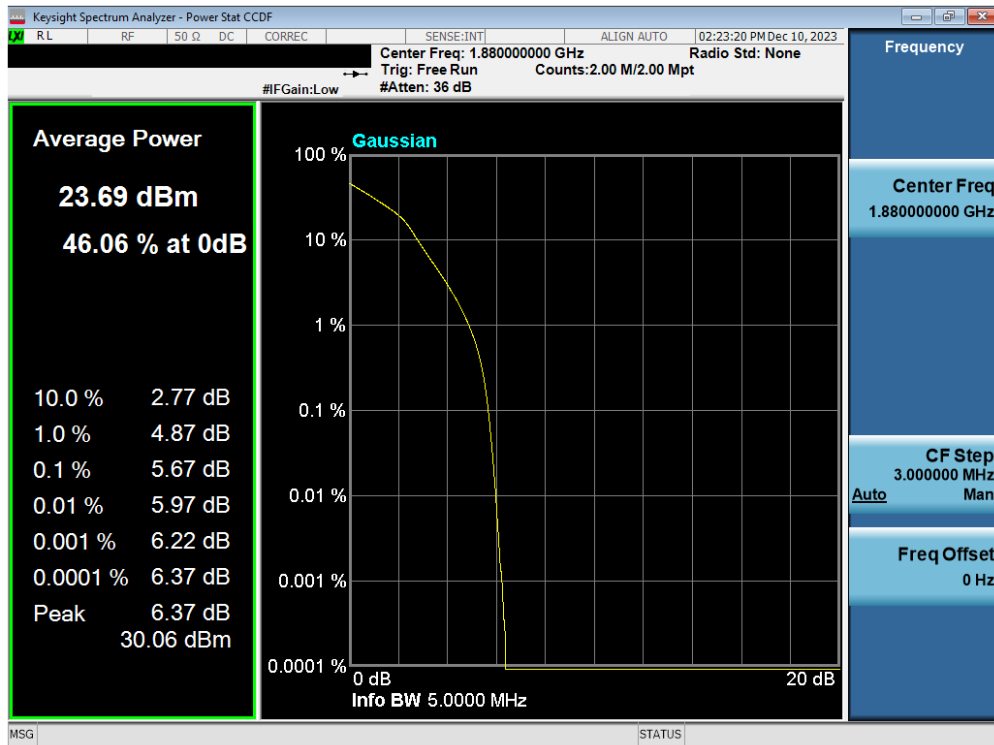


Plot 7-224. PAR Plot (LTE Band 2 - 3MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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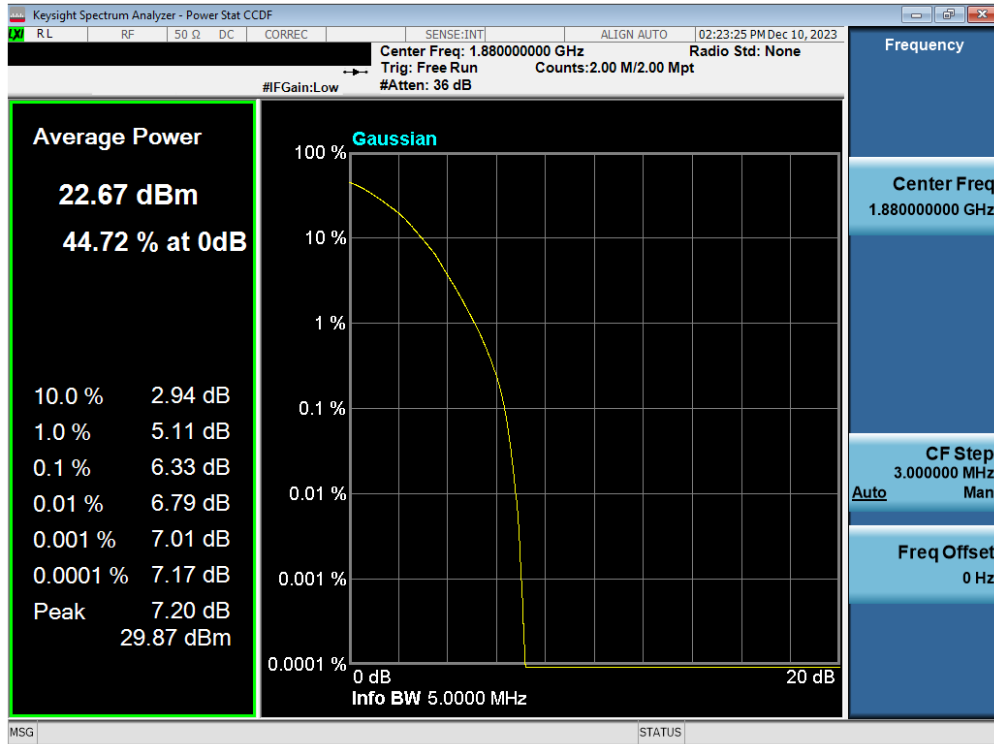


Plot 7-225. PAR Plot (LTE Band 2 - 5MHz QPSK - Full RB Configuration)

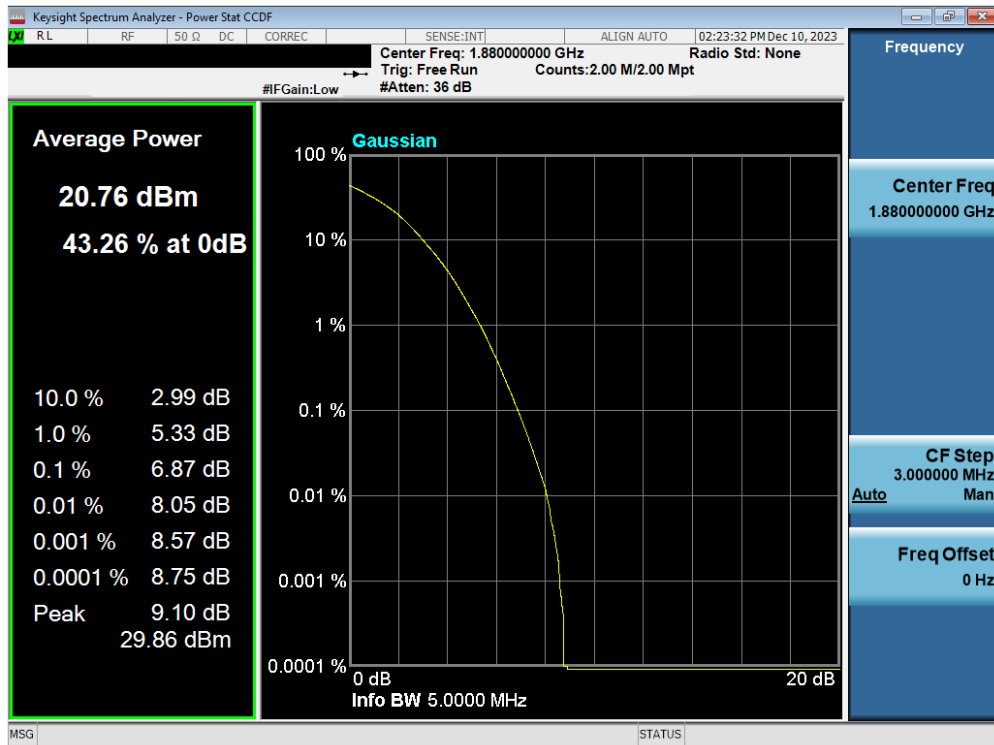


Plot 7-226. PAR Plot (LTE Band 2 - 5MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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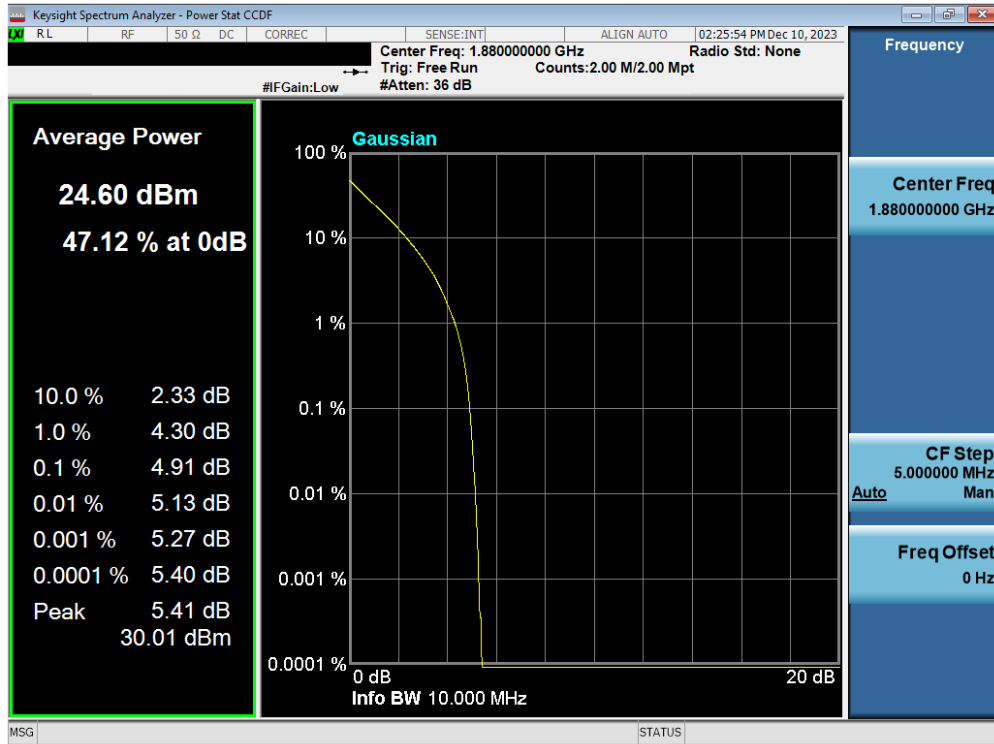


Plot 7-227. PAR Plot (LTE Band 2 - 5MHz 64-QAM - Full RB Configuration)

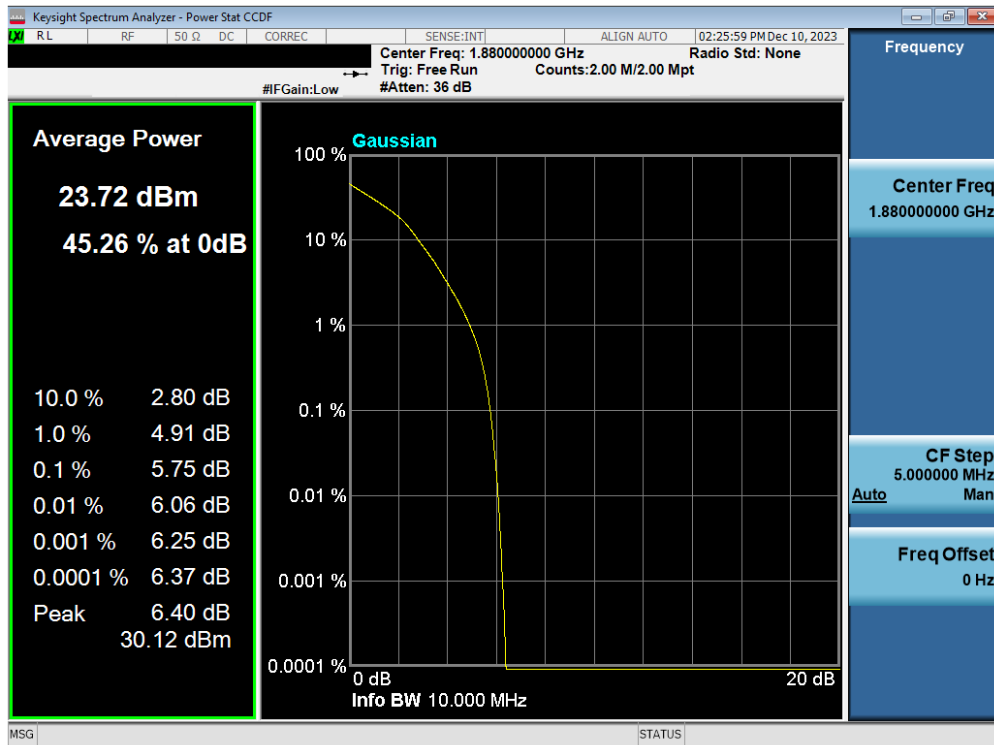


Plot 7-228. PAR Plot (LTE Band 2 - 5MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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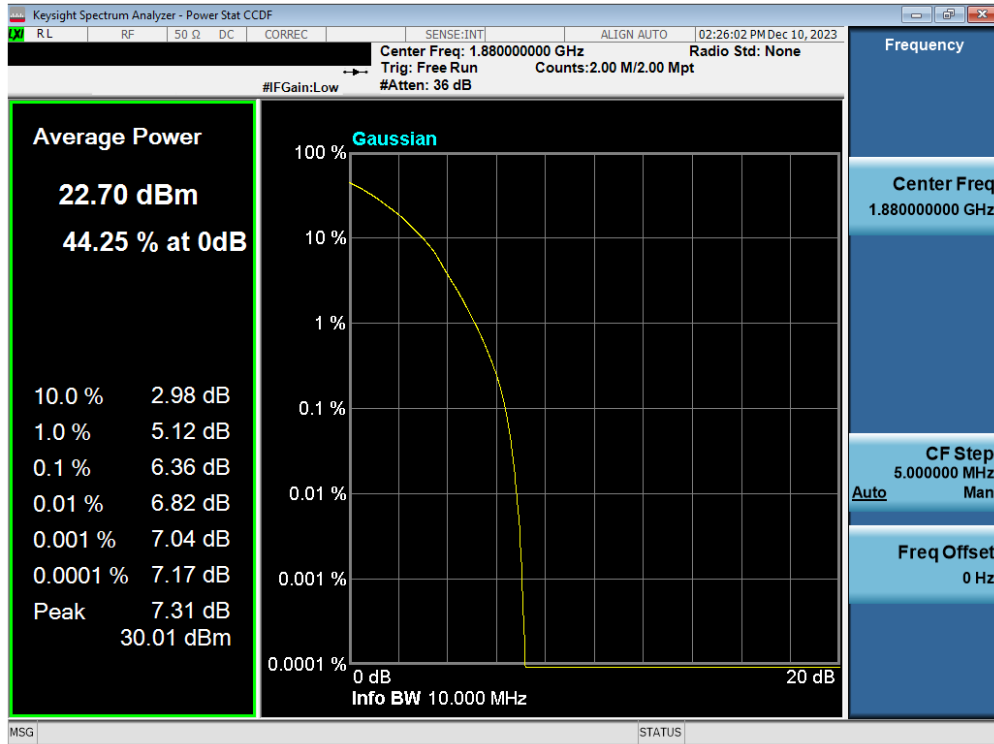


Plot 7-229. PAR Plot (LTE Band 2 - 10MHz QPSK - Full RB Configuration)

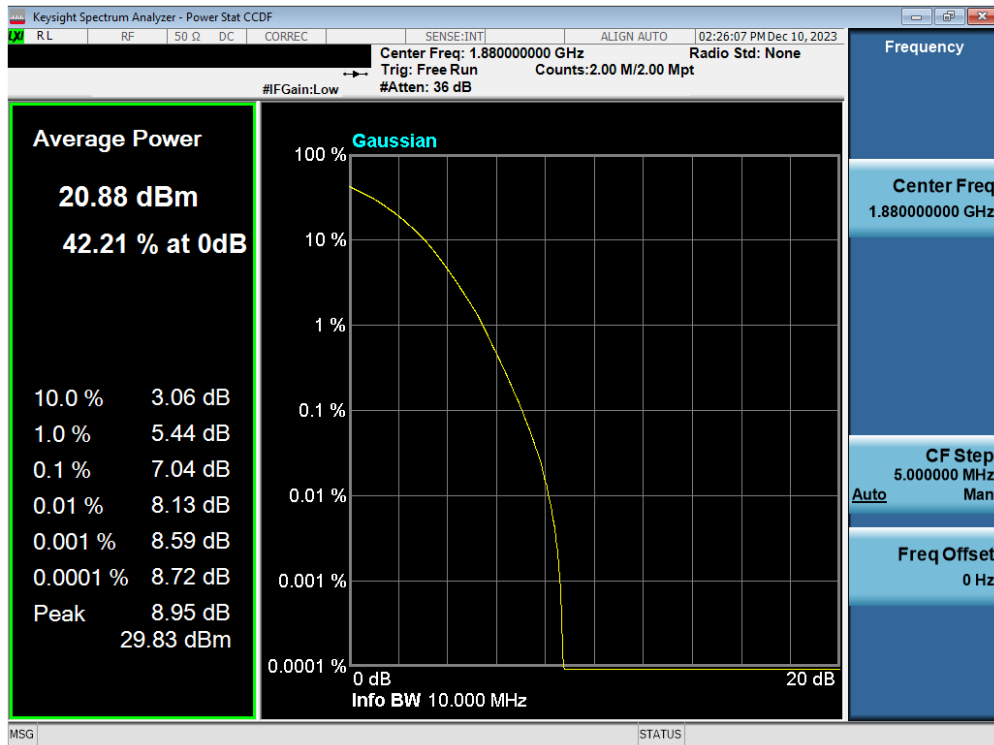


Plot 7-230. PAR Plot (LTE Band 2 - 10MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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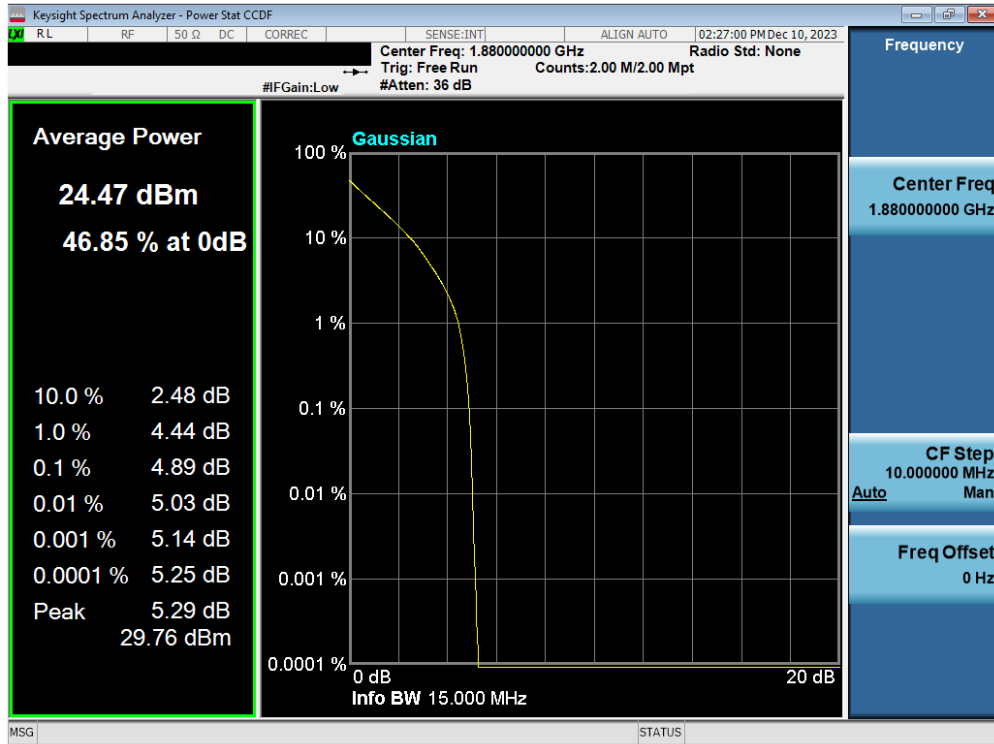


Plot 7-231. PAR Plot (LTE Band 2 - 10MHz 64-QAM - Full RB Configuration)

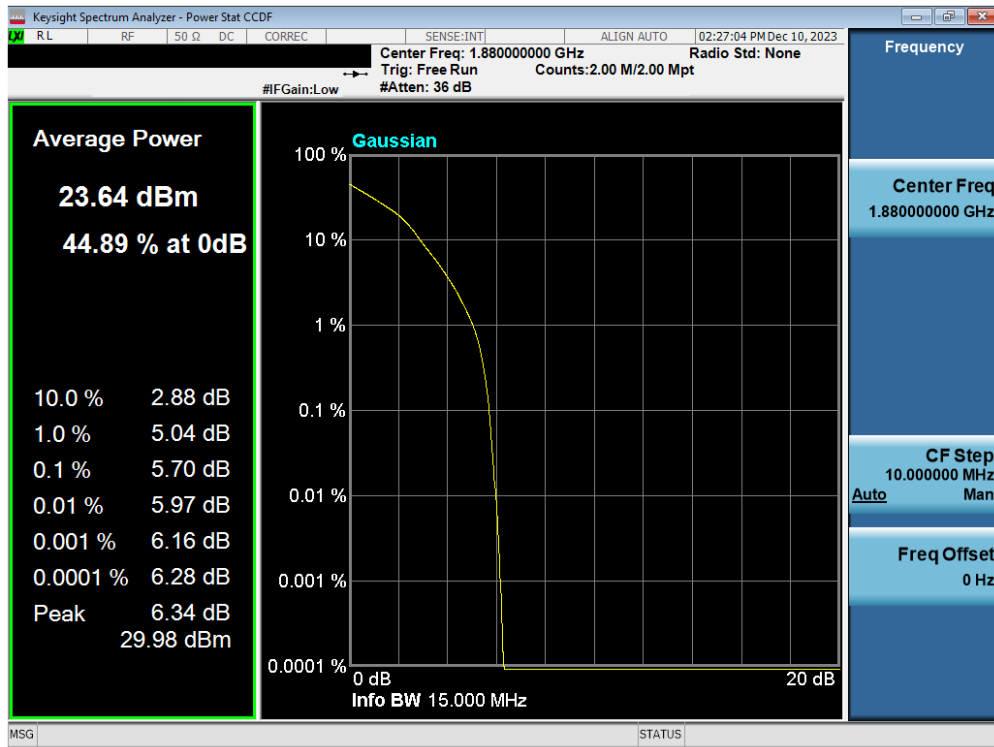


Plot 7-232. PAR Plot (LTE Band 2 - 10MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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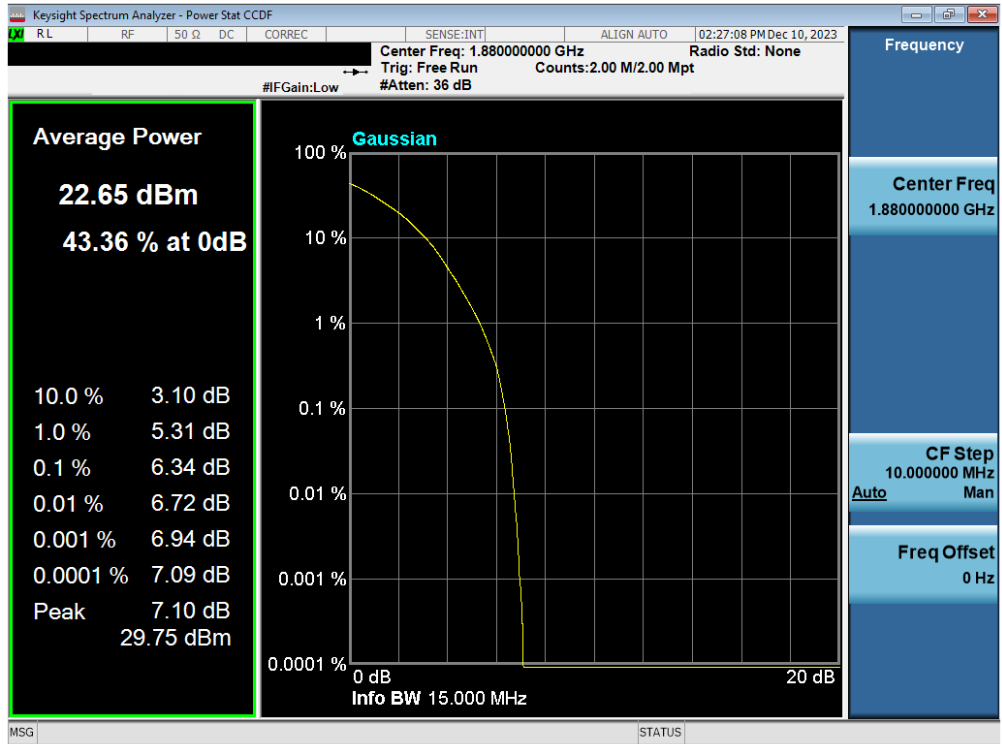


Plot 7-233. PAR Plot (LTE Band 2 - 15MHz QPSK - Full RB Configuration)

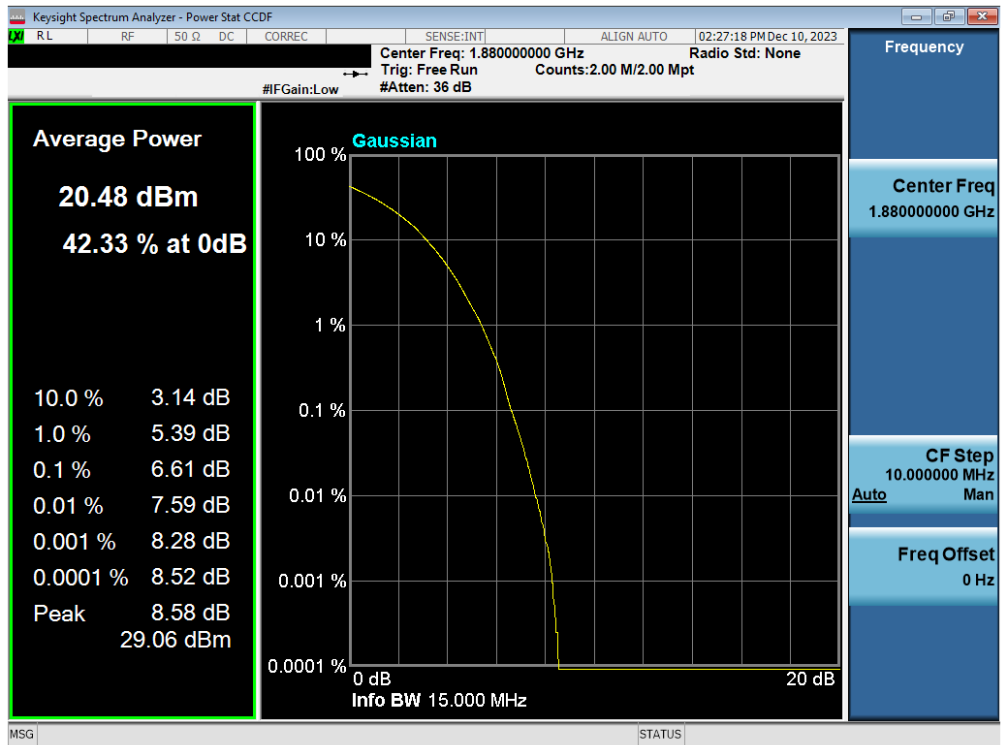


Plot 7-234. PAR Plot (LTE Band 2 - 15MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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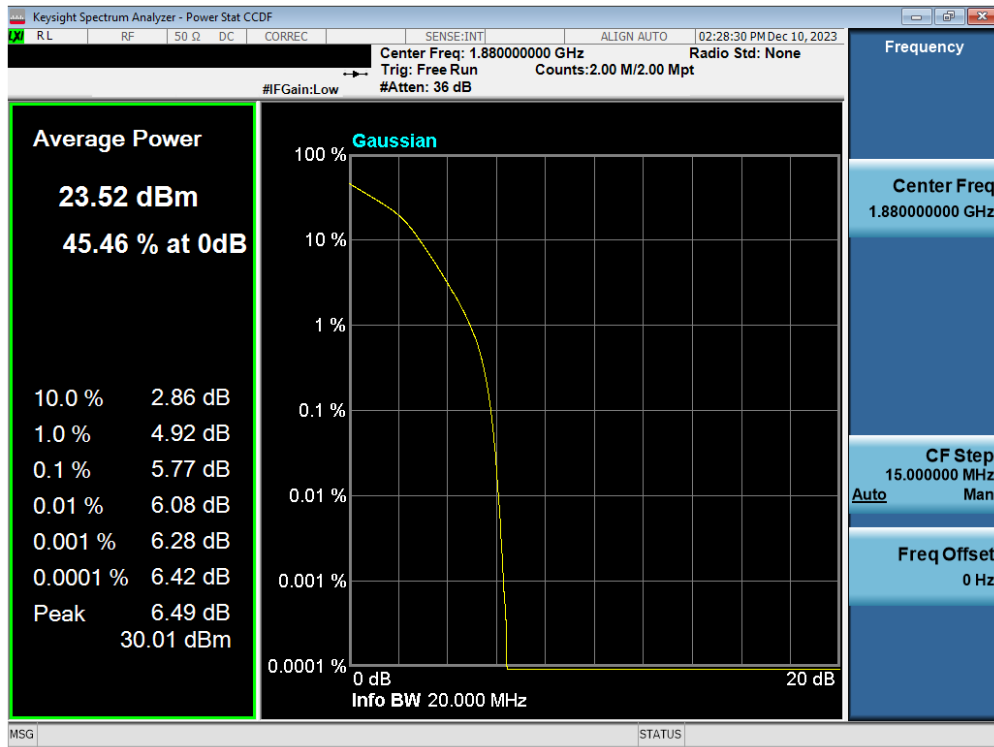
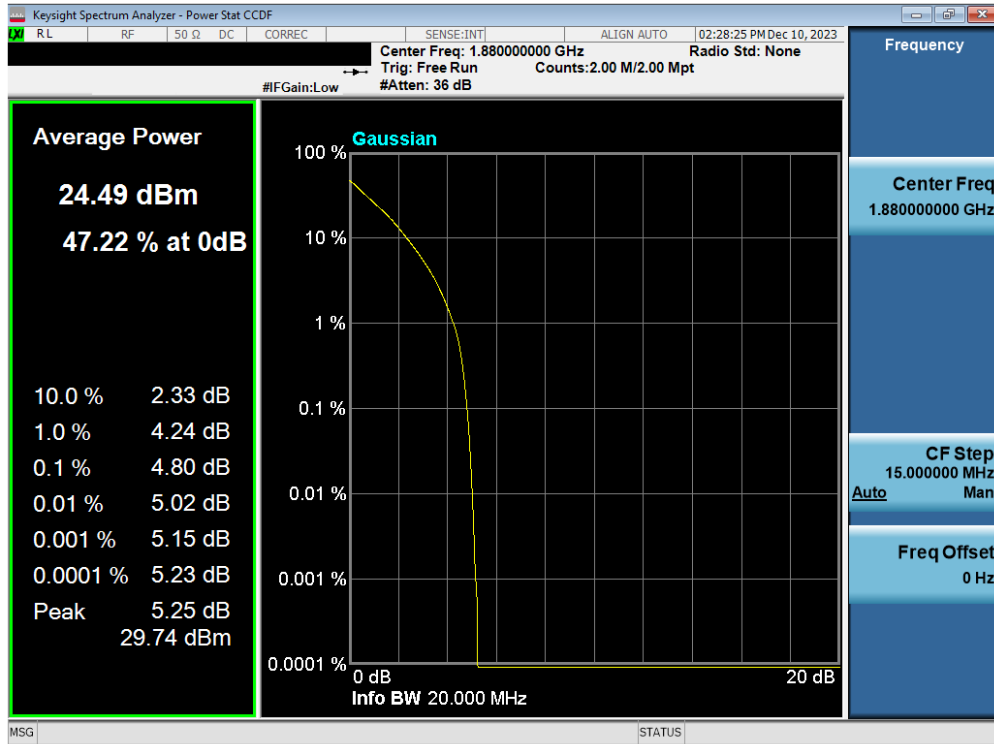


Plot 7-235. PAR Plot (LTE Band 2 - 15MHz 64-QAM - Full RB Configuration)

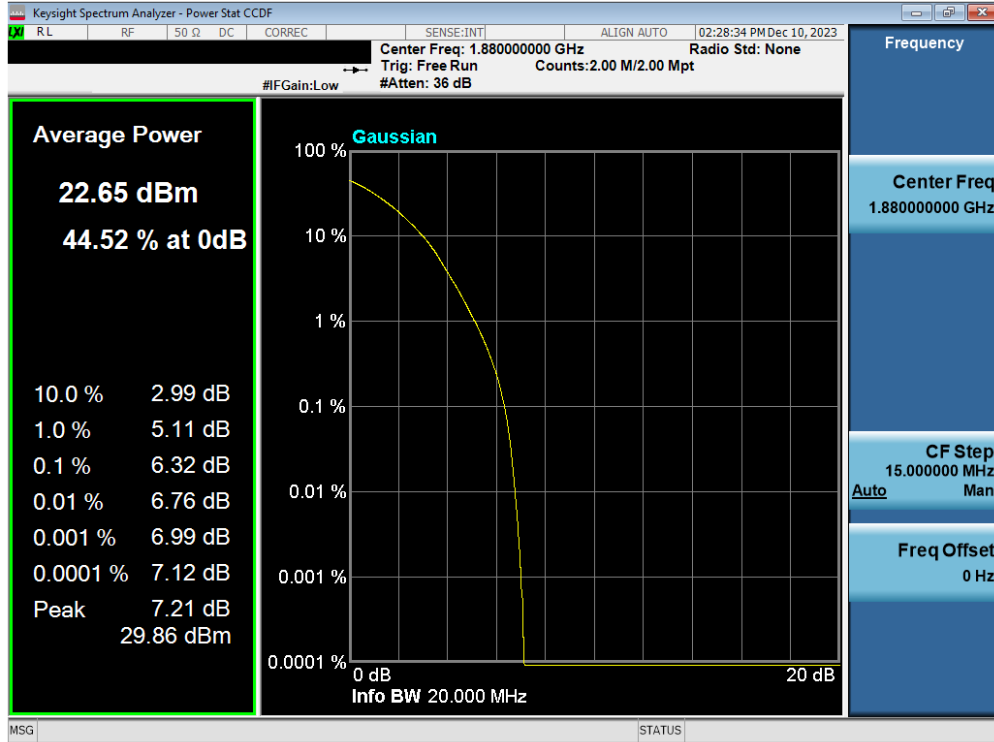


Plot 7-236. PAR Plot (LTE Band 2 - 15MHz 256-QAM - Full RB Configuration)

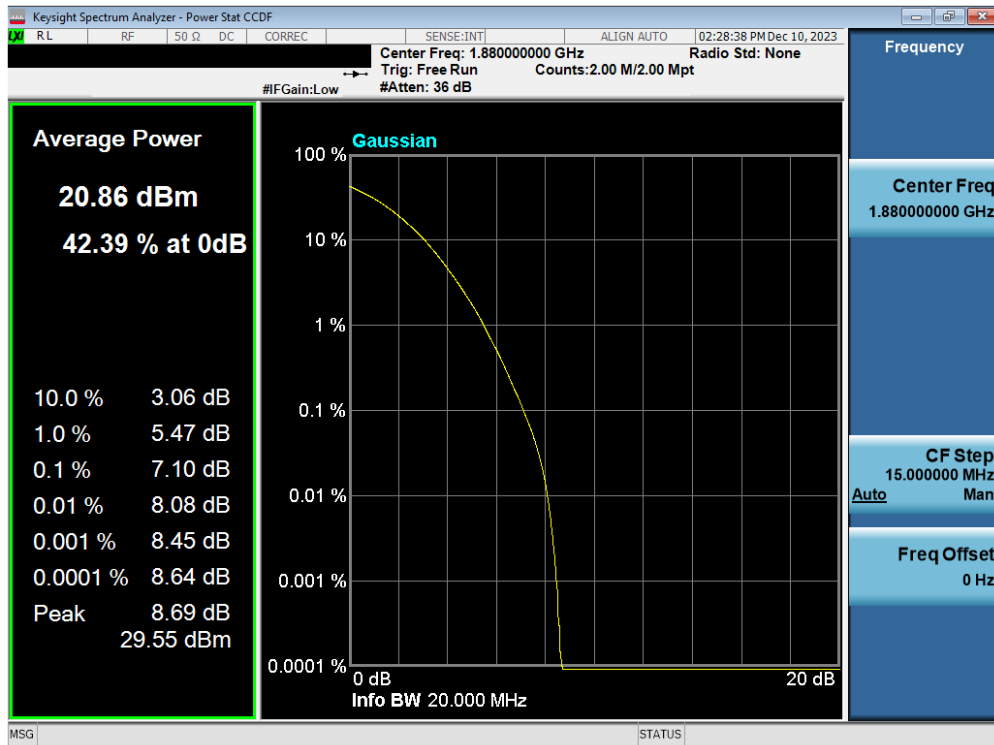
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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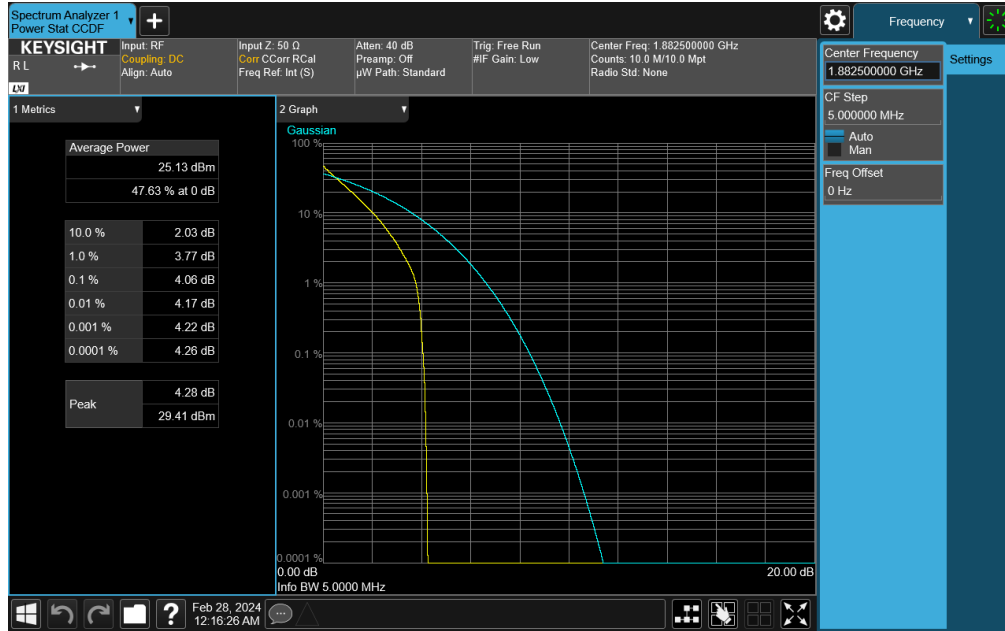
Plot 7-239. PAR Plot (LTE Band 2 - 20MHz 64-QAM - Full RB Configuration)



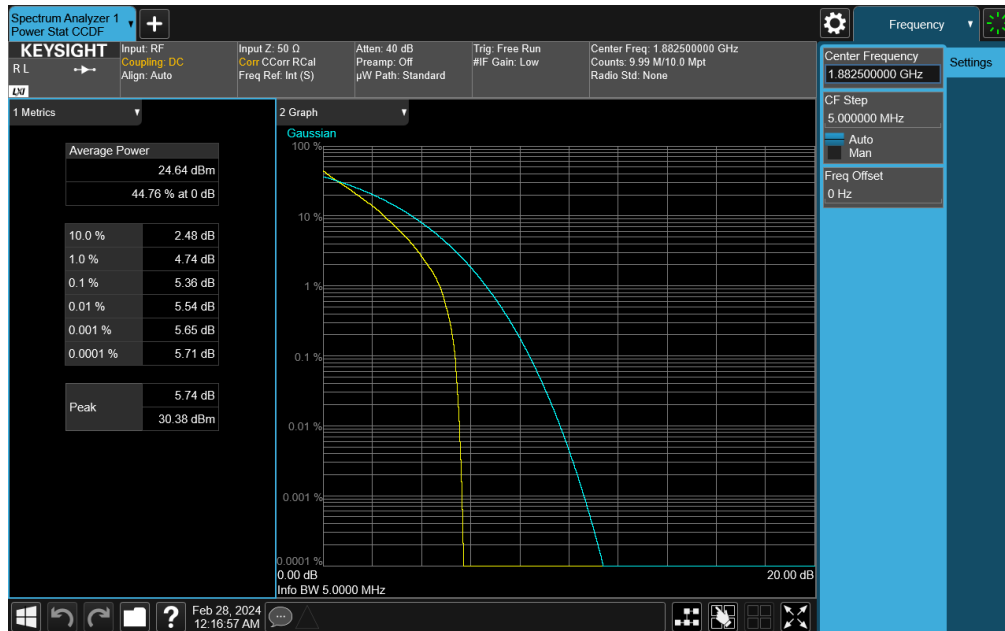
Plot 7-240. PAR Plot (LTE Band 2 - 20MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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NR Band n25



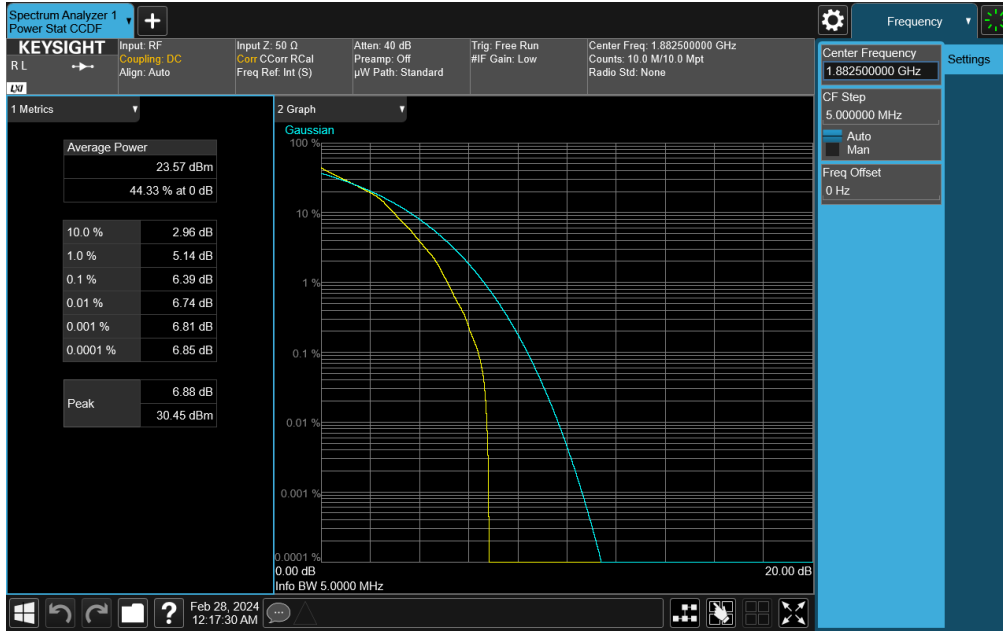
Plot 7-241. PAR Plot (NR Band n25 - 5MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



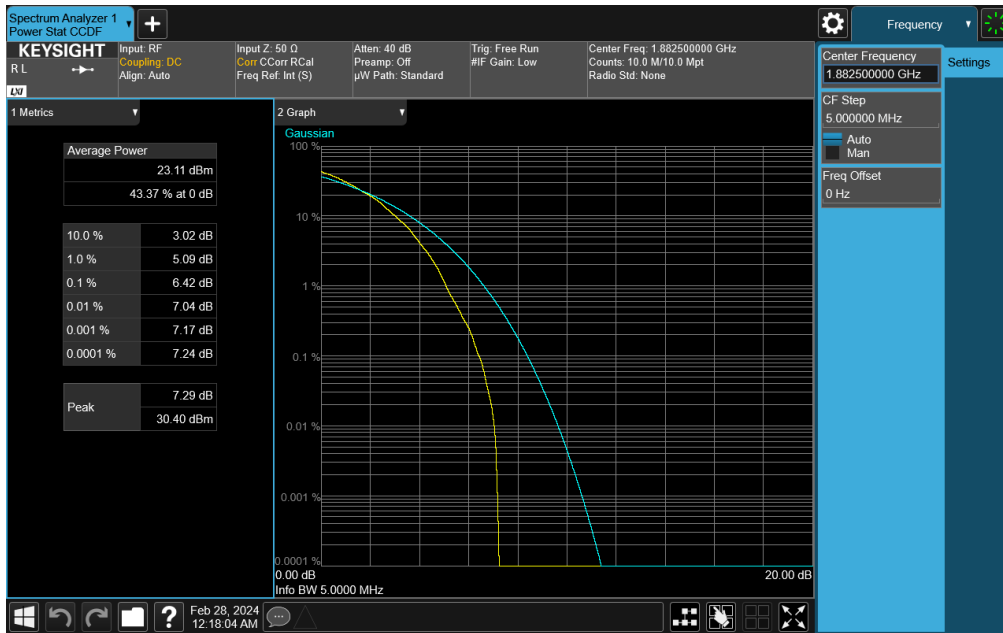
Plot 7-242. PAR Plot (NR Band n25 - 5MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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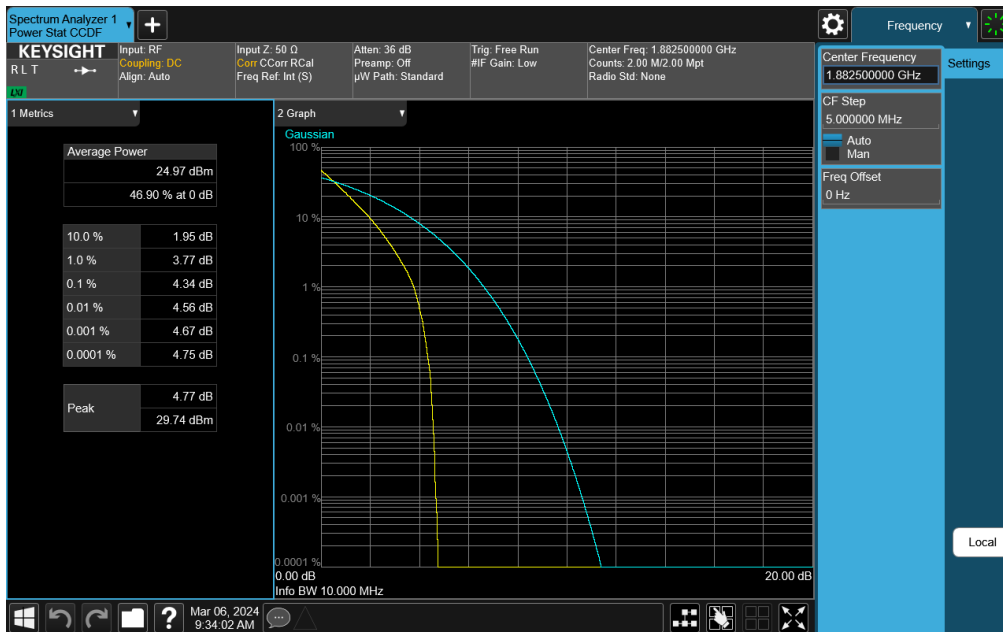
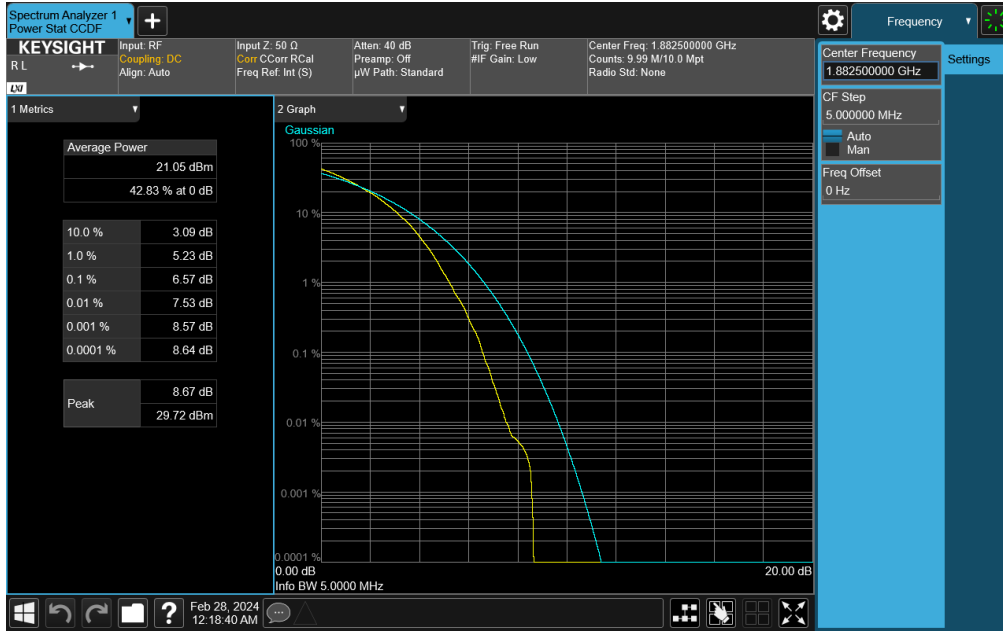


Plot 7-243. PAR Plot (NR Band n25 - 5MHz DFT-s-OFDM 16-QAM - Full RB)

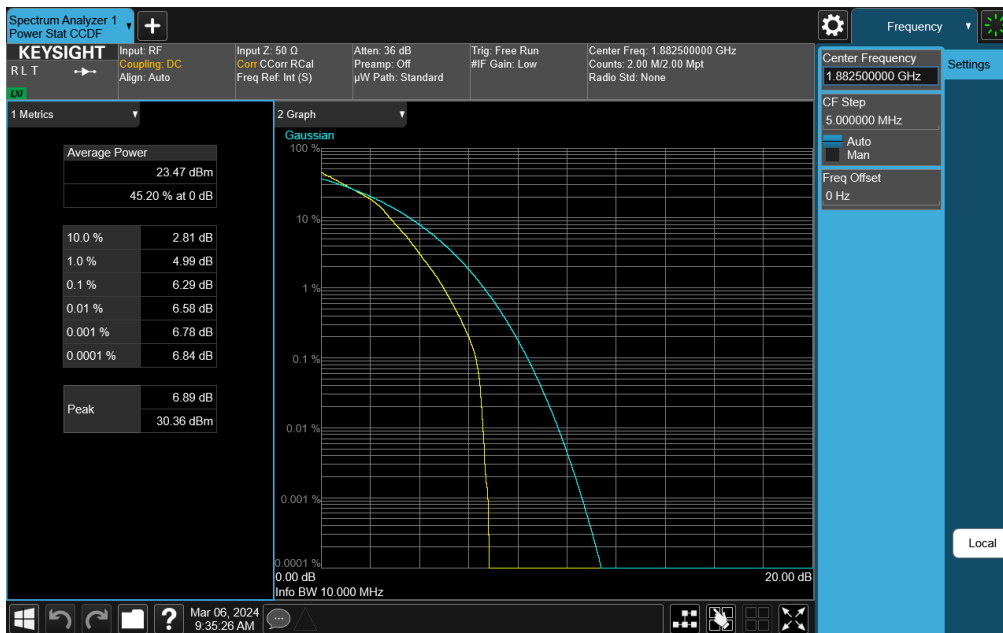
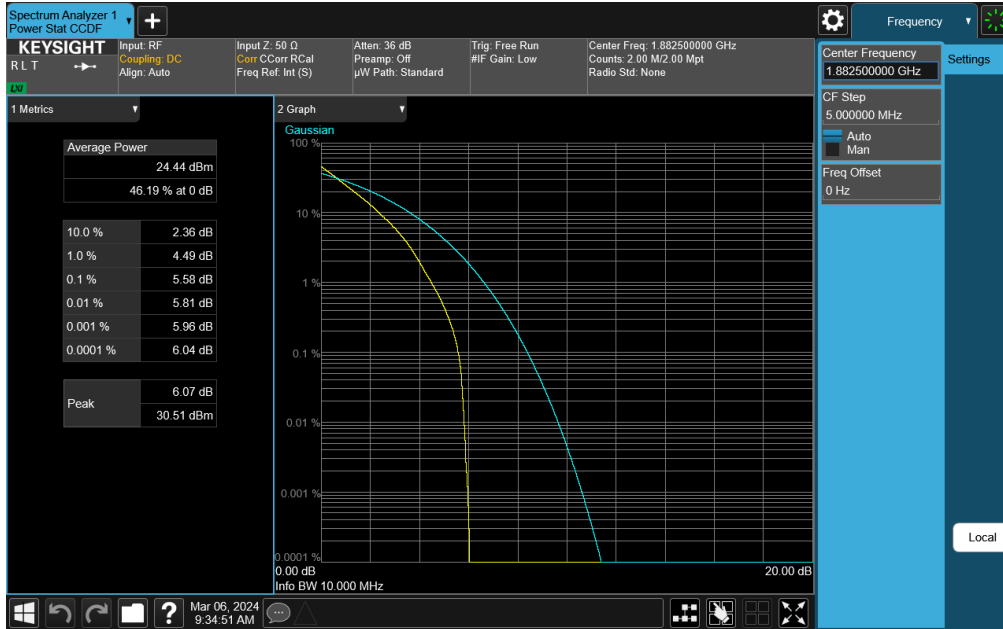


Plot 7-244. PAR Plot (NR Band n25 - 5MHz DFT-s-OFDM 64-QAM - Full RB)

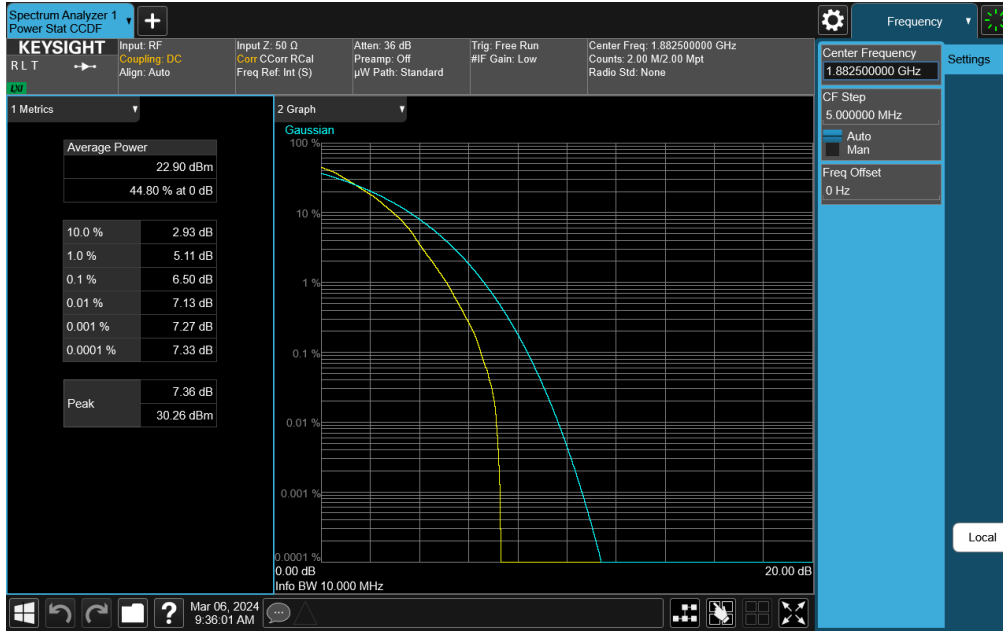
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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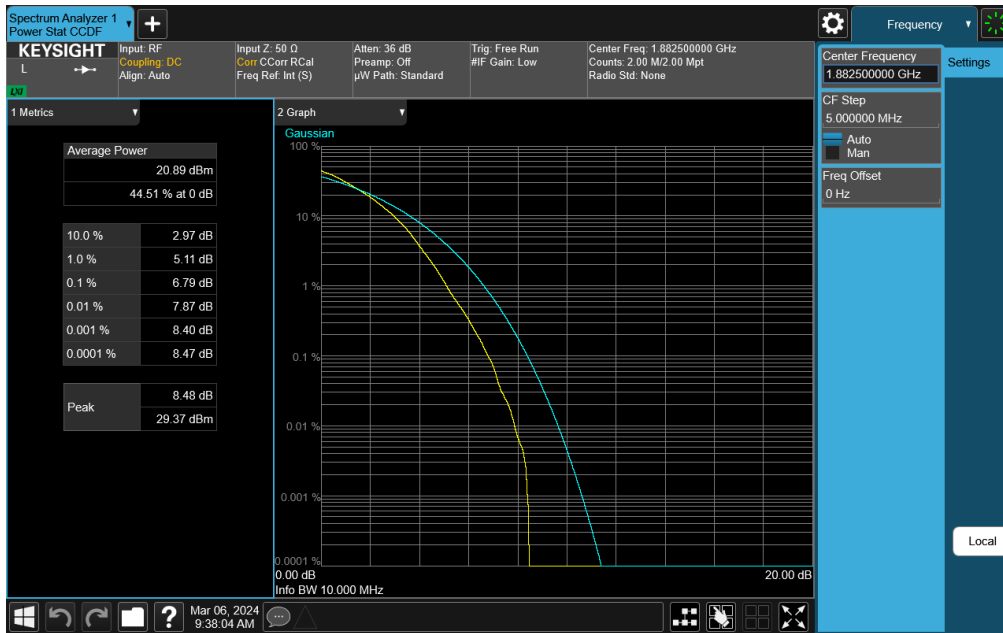
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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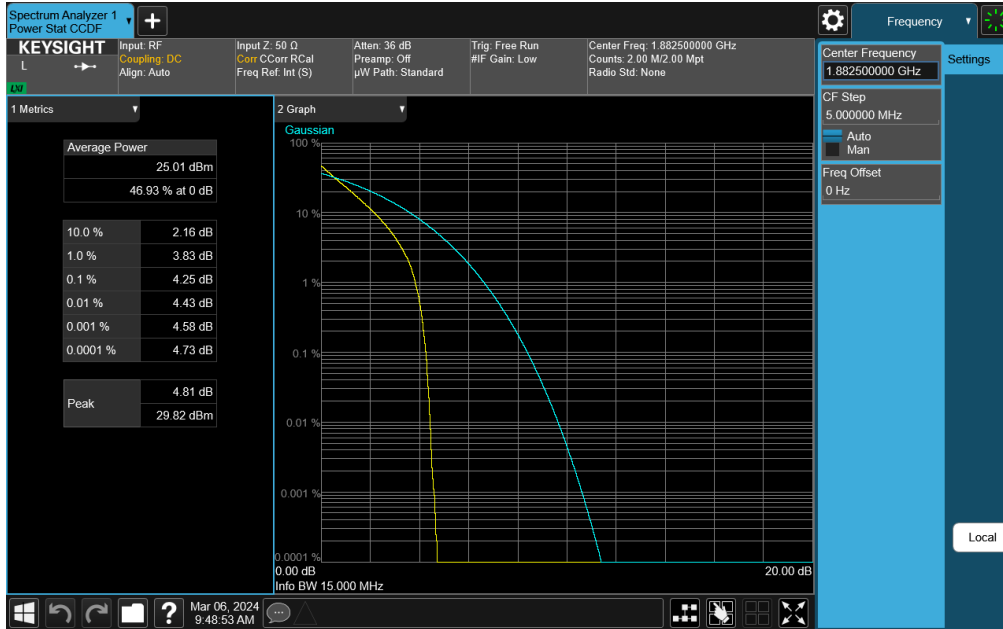


Plot 7-249. PAR Plot (NR Band n25 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

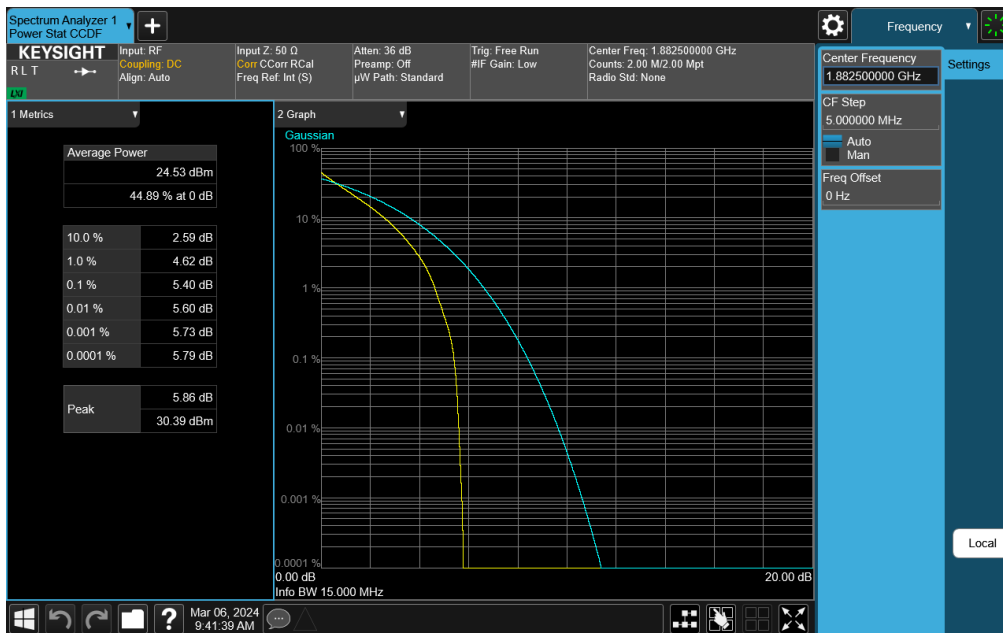


Plot 7-250. PAR Plot (NR Band n25 - 10MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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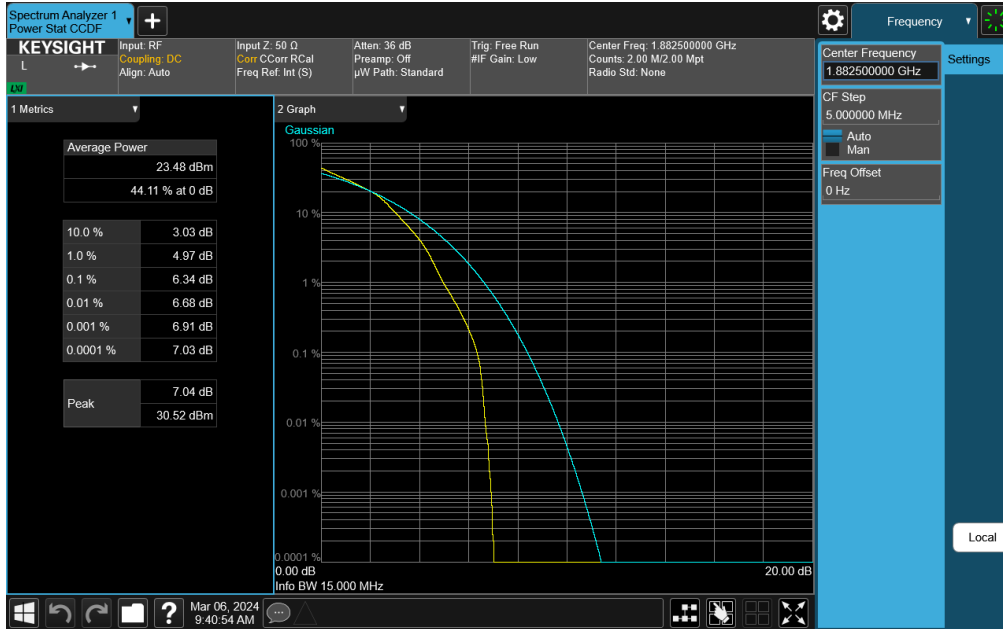


Plot 7-251. PAR Plot (NR Band n25 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

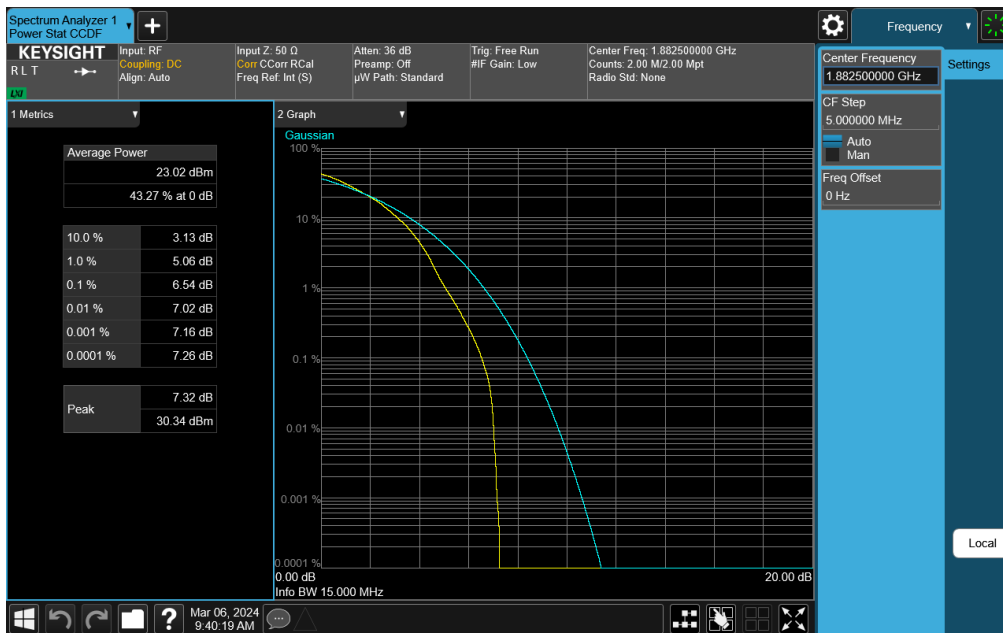


Plot 7-252. PAR Plot (NR Band n25 - 15MHz DFT-s-OFDM QPSK - Full RB)


FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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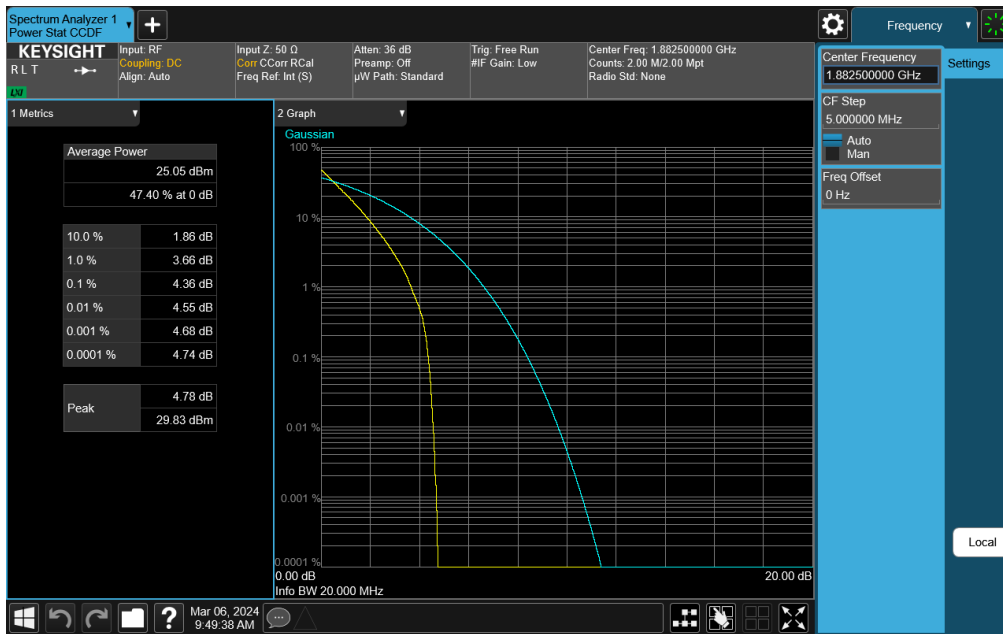
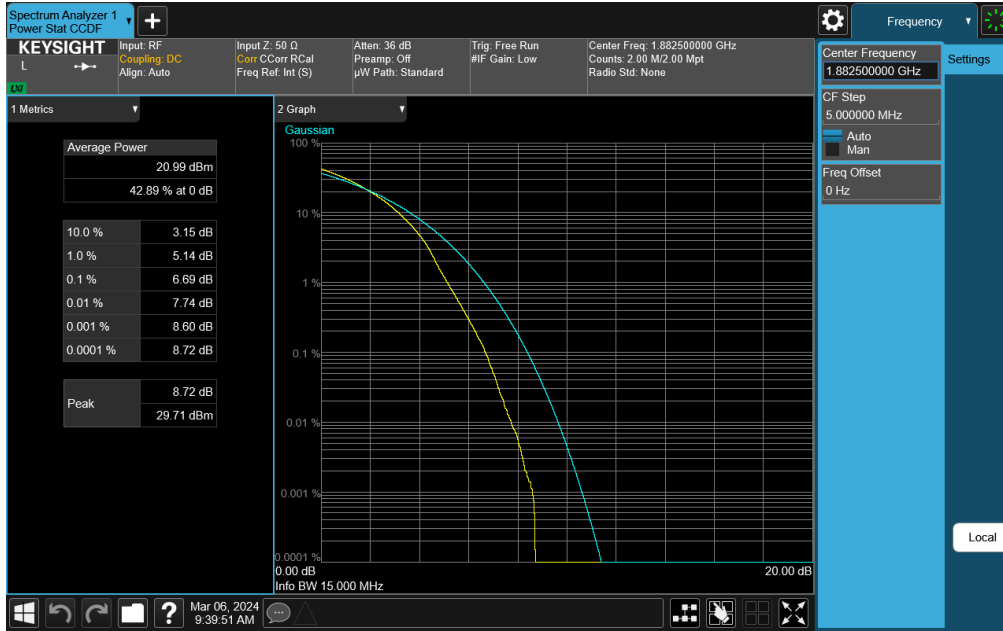


Plot 7-253. PAR Plot (NR Band n25 - 15MHz DFT-s-OFDM 16-QAM - Full RB)

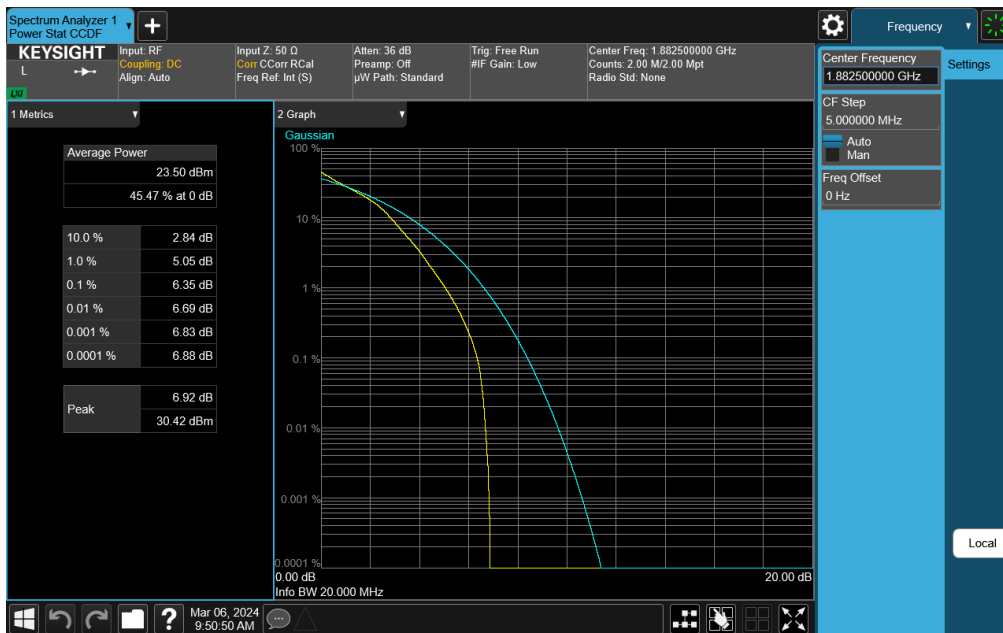
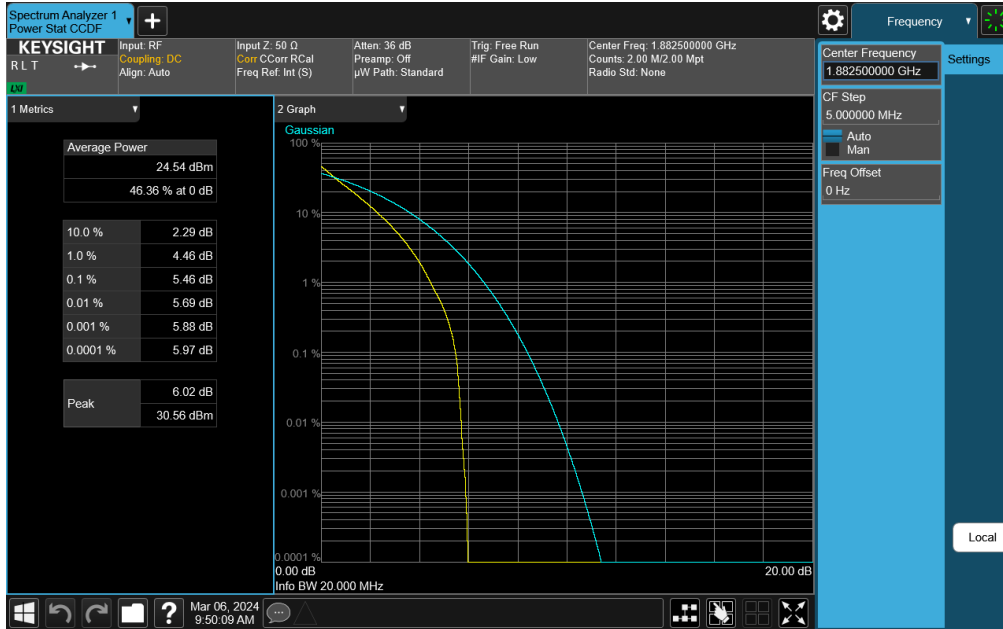


Plot 7-254. PAR Plot (NR Band n25 - 15MHz DFT-s-OFDM 64-QAM - Full RB)

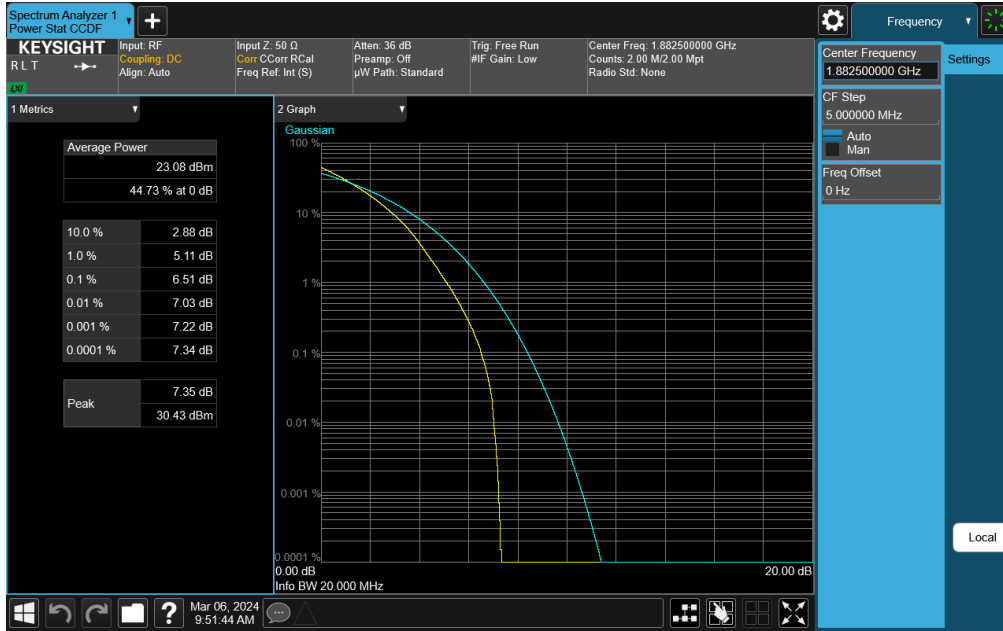
FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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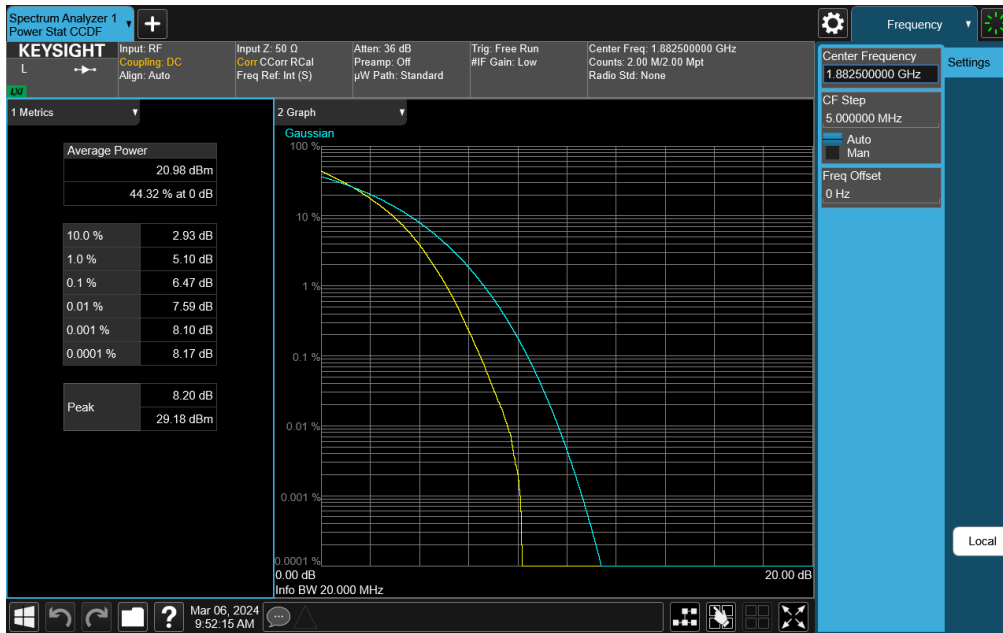
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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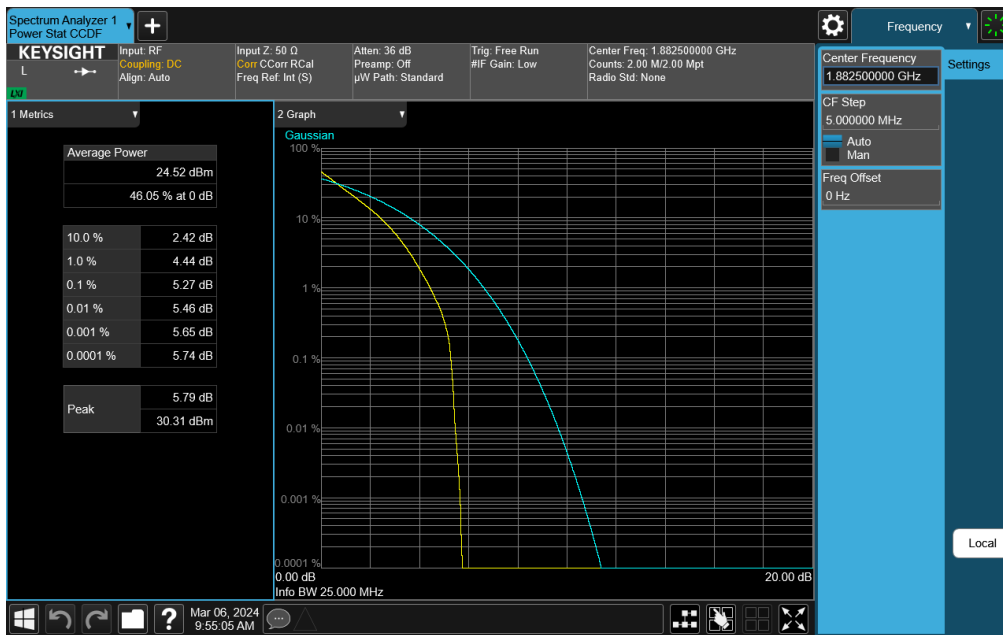
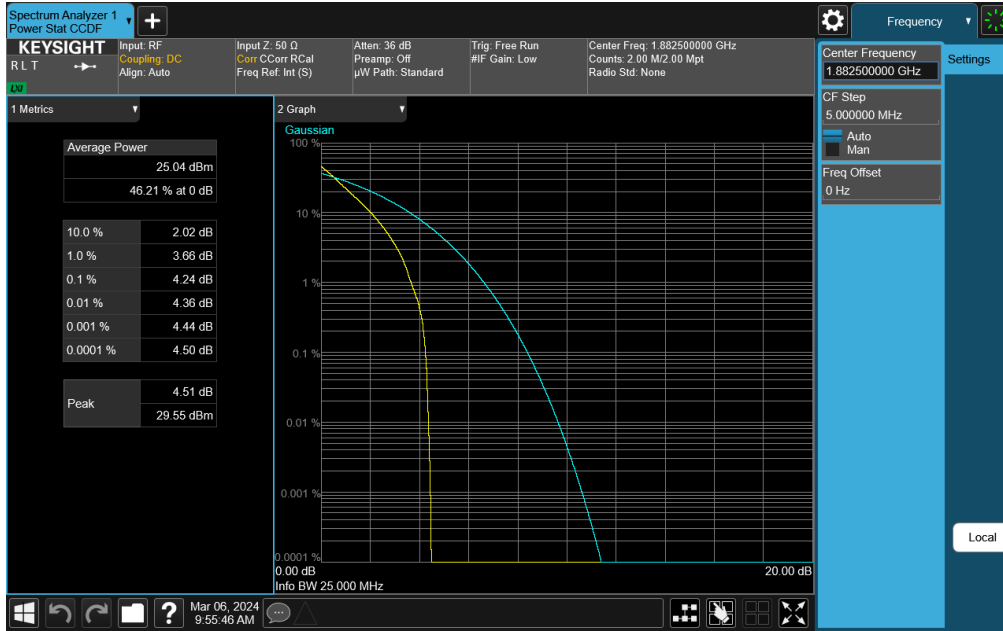


Plot 7-259. PAR Plot (NR Band n25 - 20MHz DFT-s-OFDM 64-QAM - Full RB)

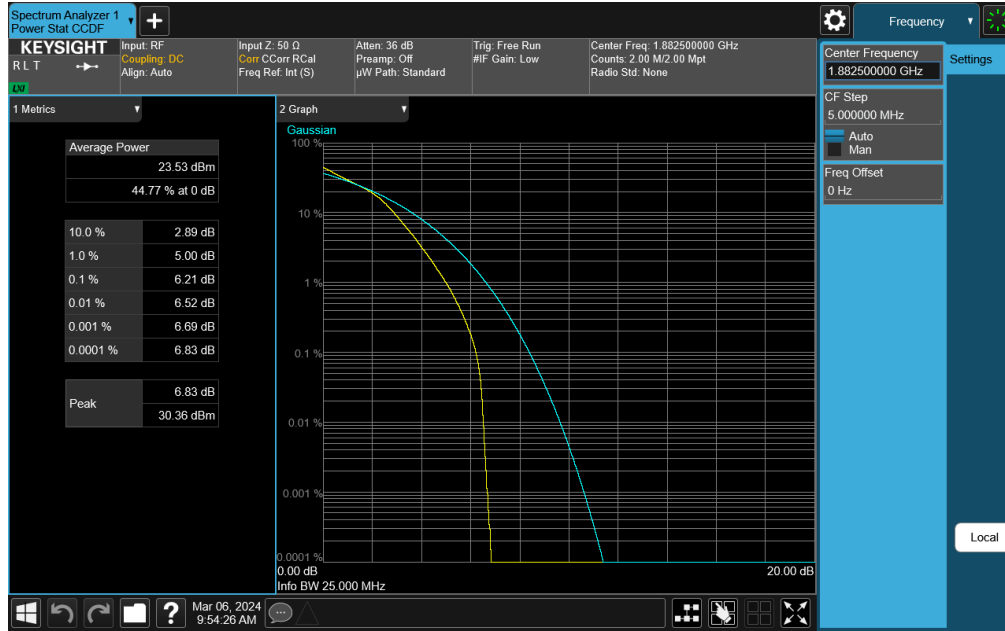


Plot 7-260. PAR Plot (NR Band n25 - 20MHz DFT-s-OFDM 256-QAM - Full RB)

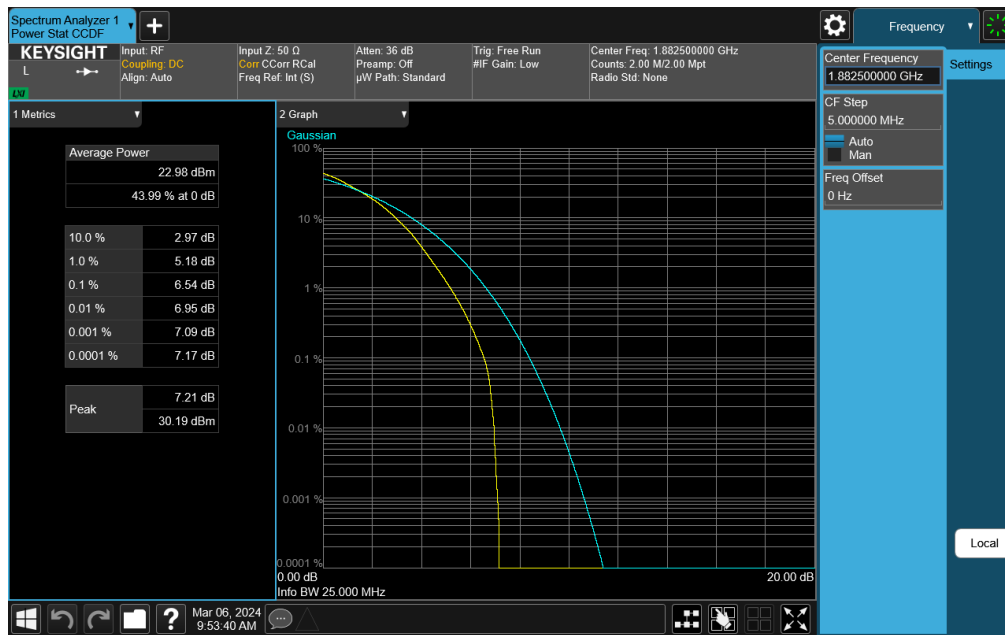
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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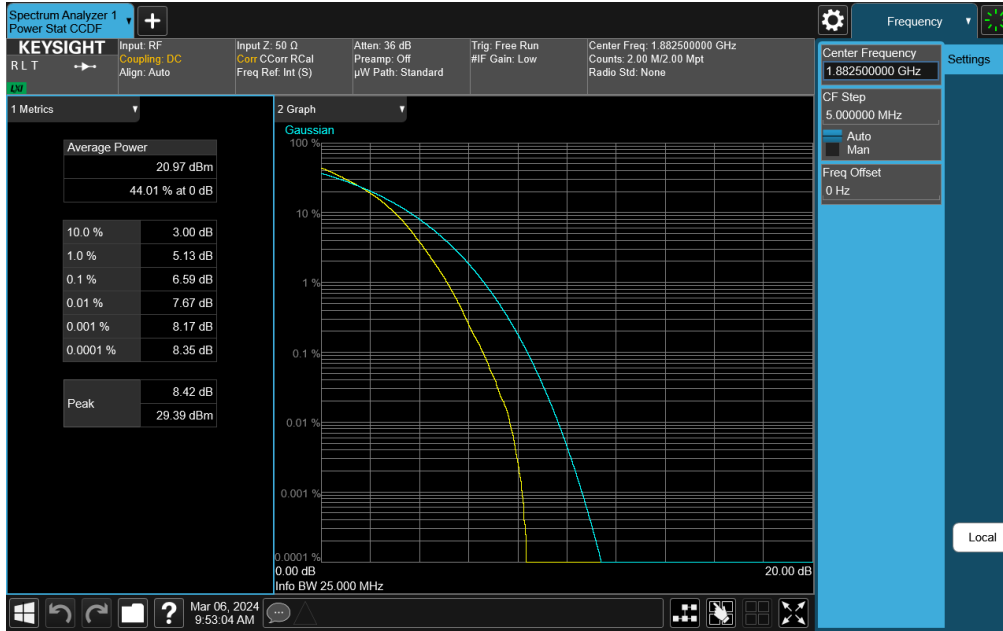


Plot 7-263. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 16-QAM - Full RB)

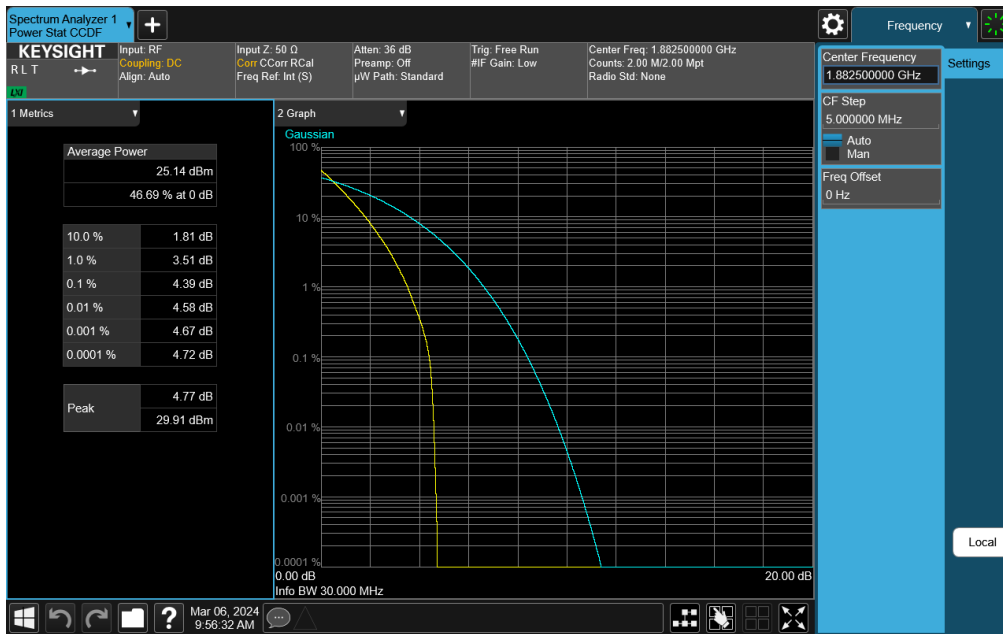


Plot 7-264. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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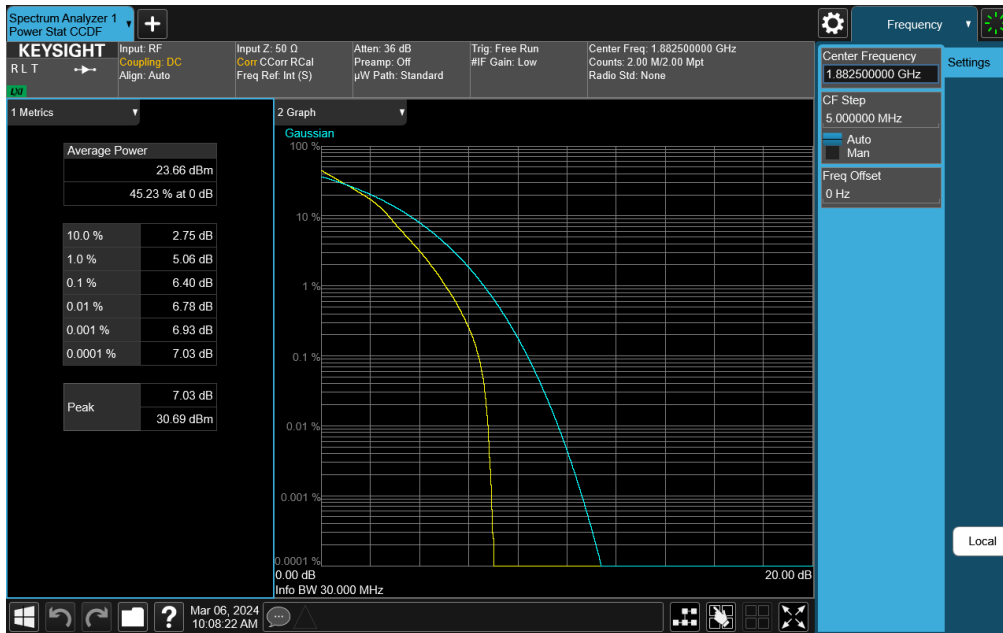
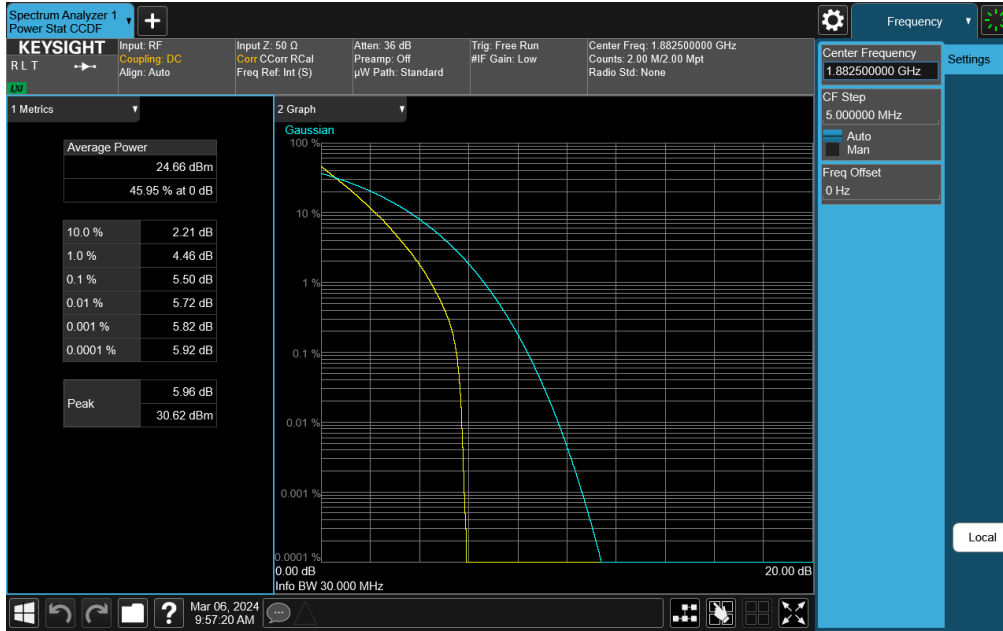


Plot 7-265. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 256-QAM - Full RB)

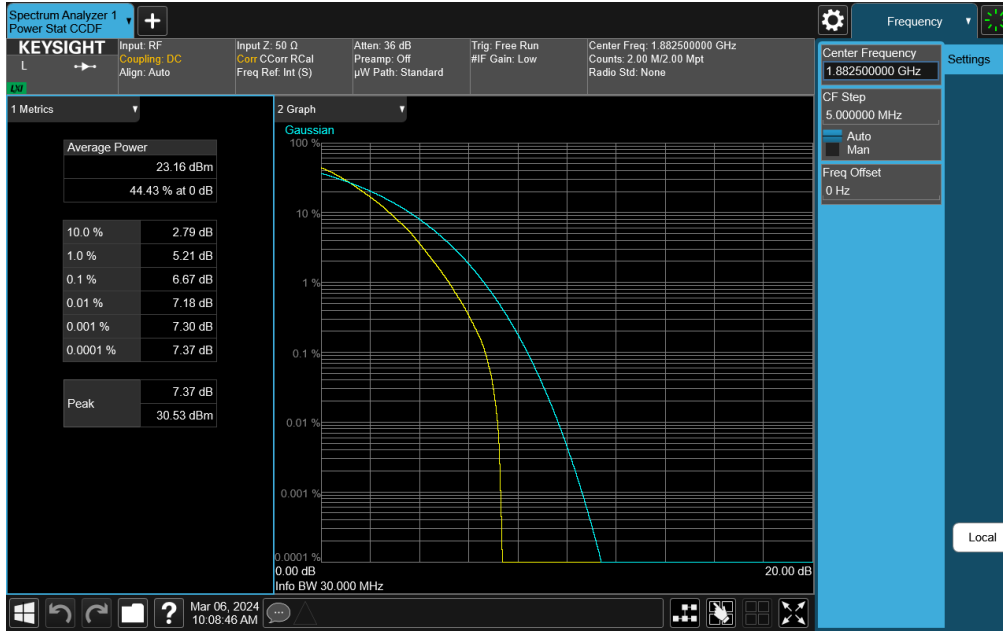


Plot 7-266. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

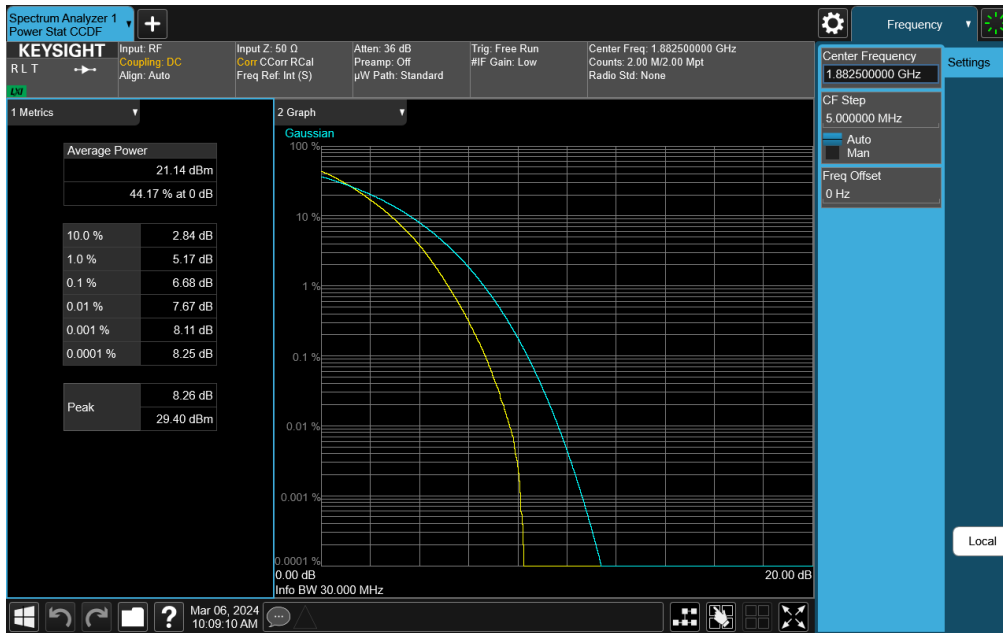
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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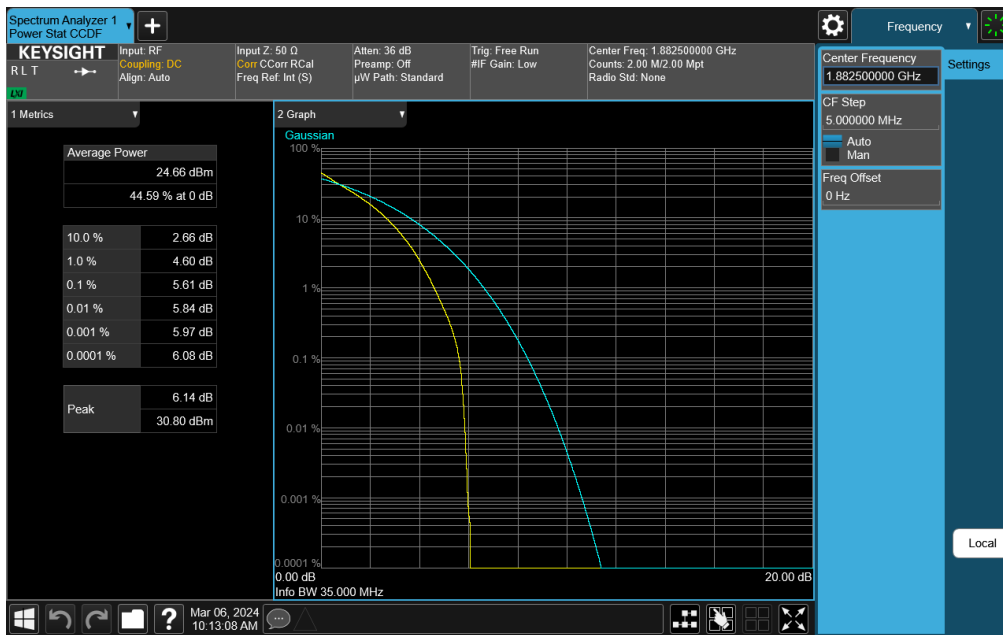
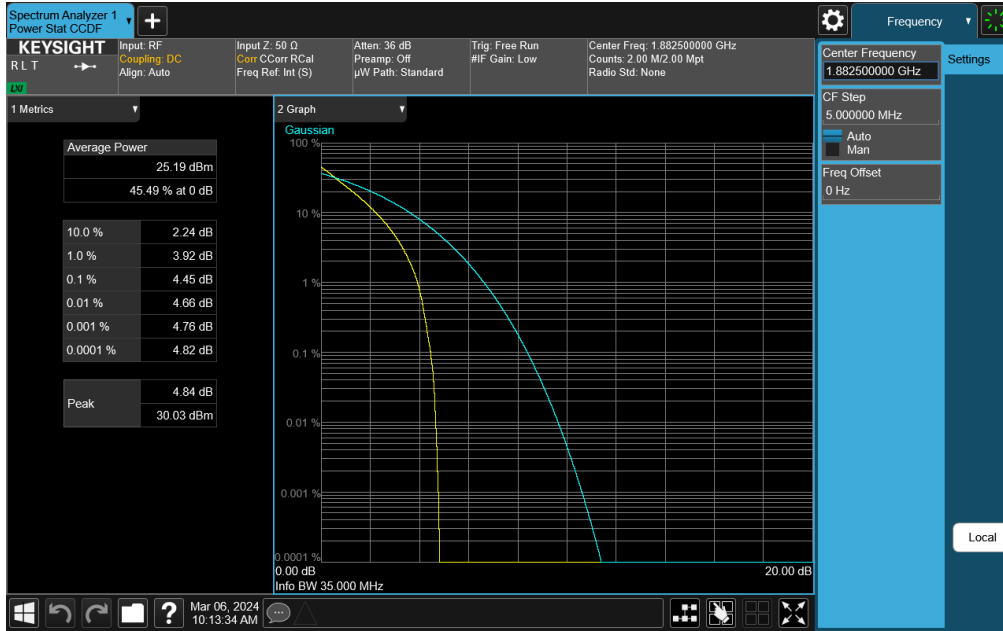


Plot 7-269. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM 64-QAM - Full RB)

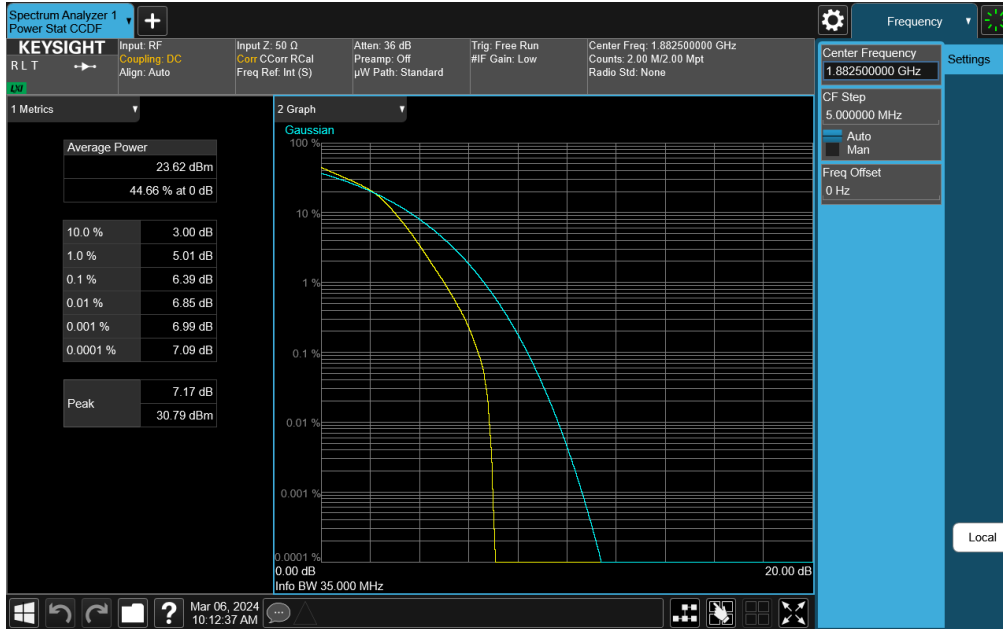


Plot 7-270. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

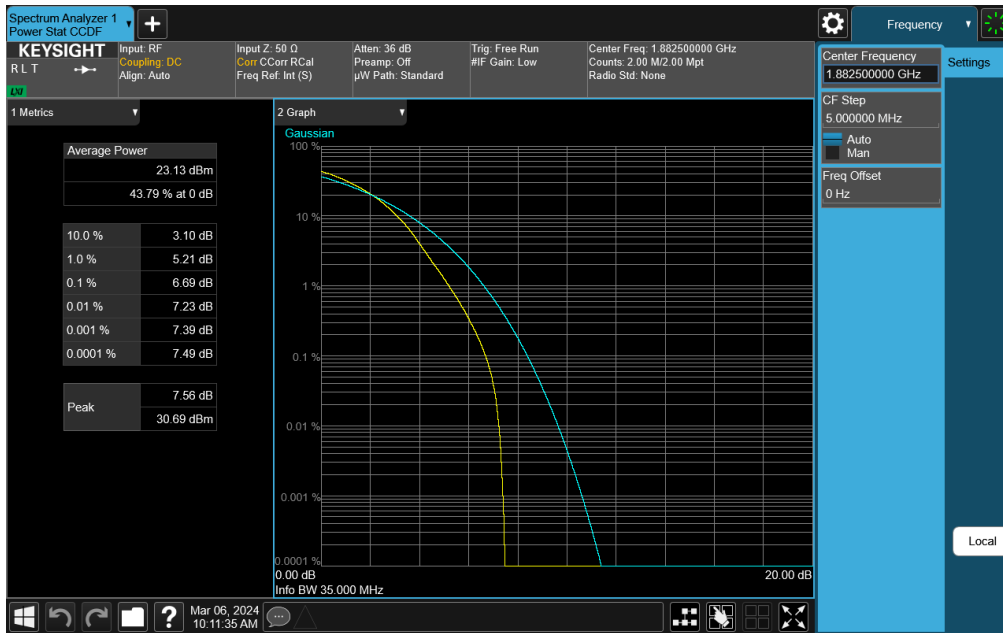
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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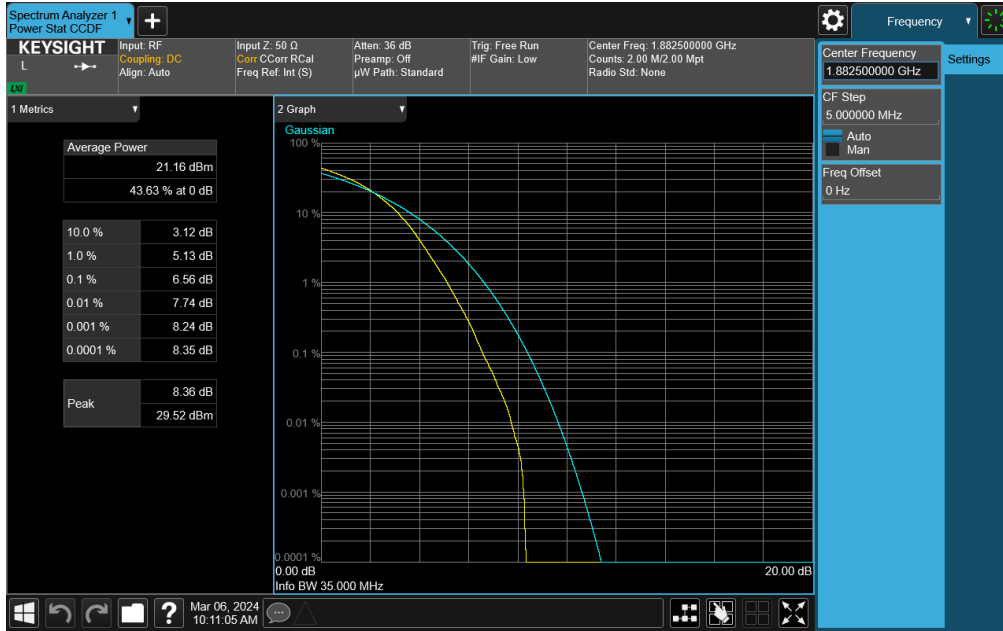


Plot 7-273. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 16-QAM - Full RB)

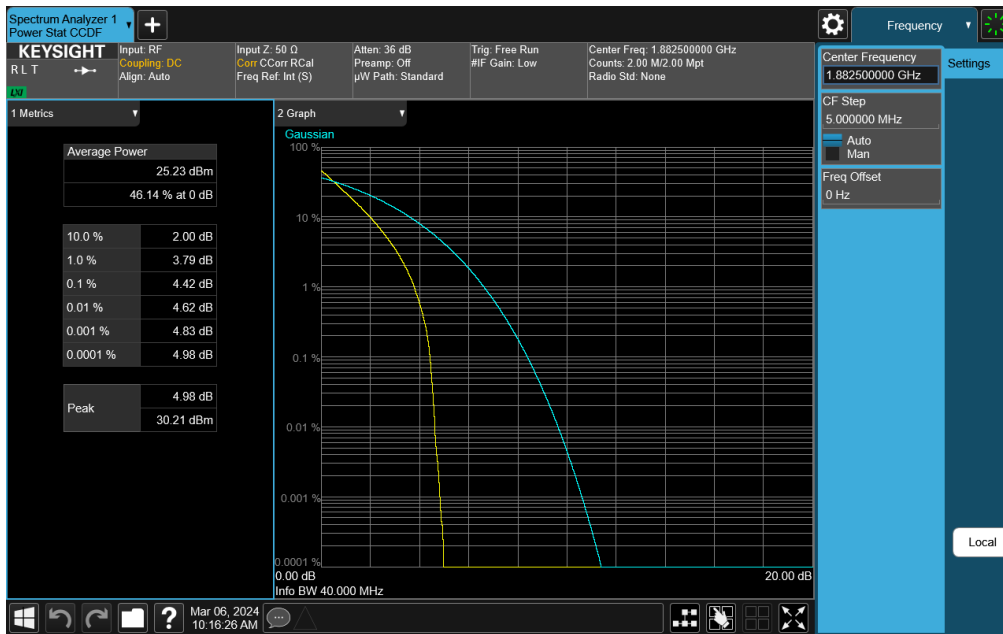


Plot 7-274. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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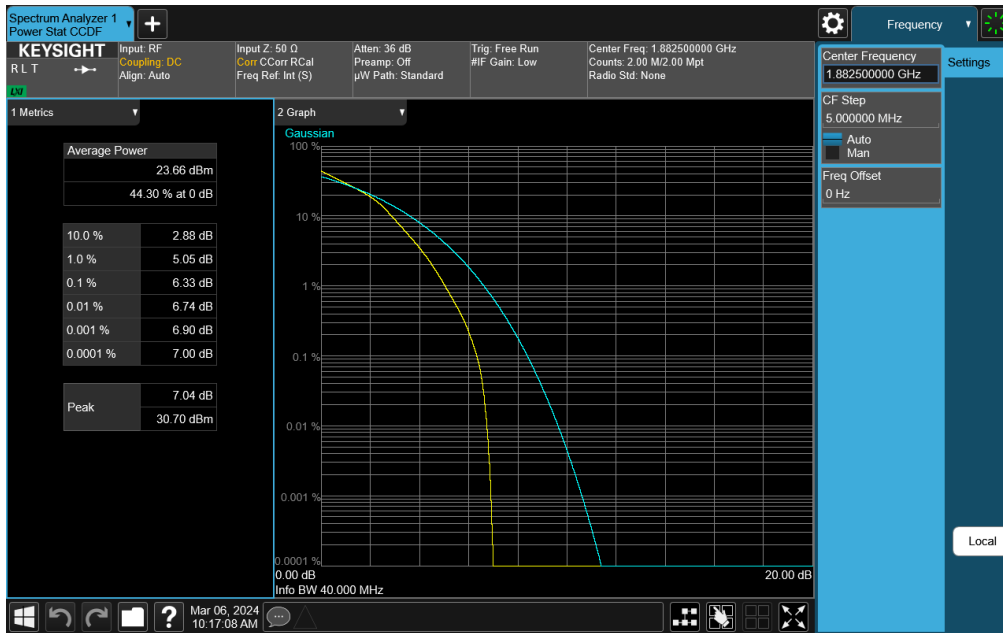
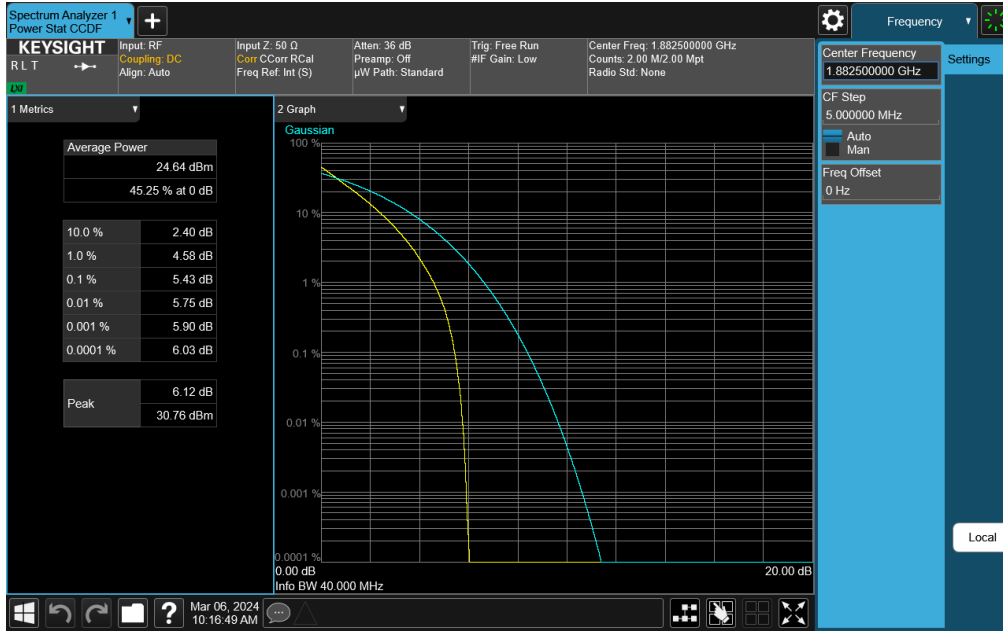


Plot 7-275. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 256-QAM - Full RB)

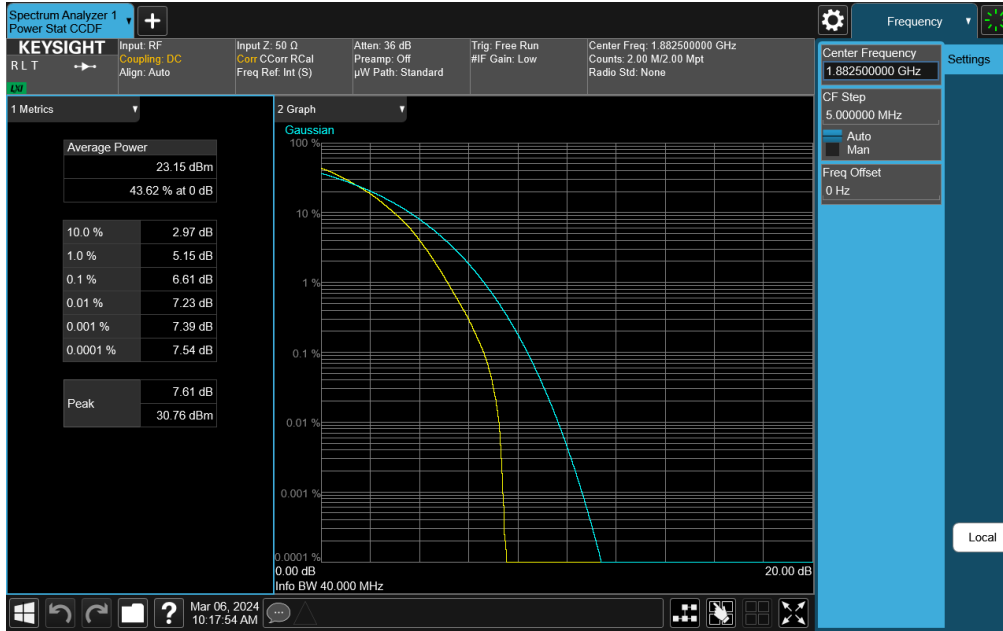


Plot 7-276. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

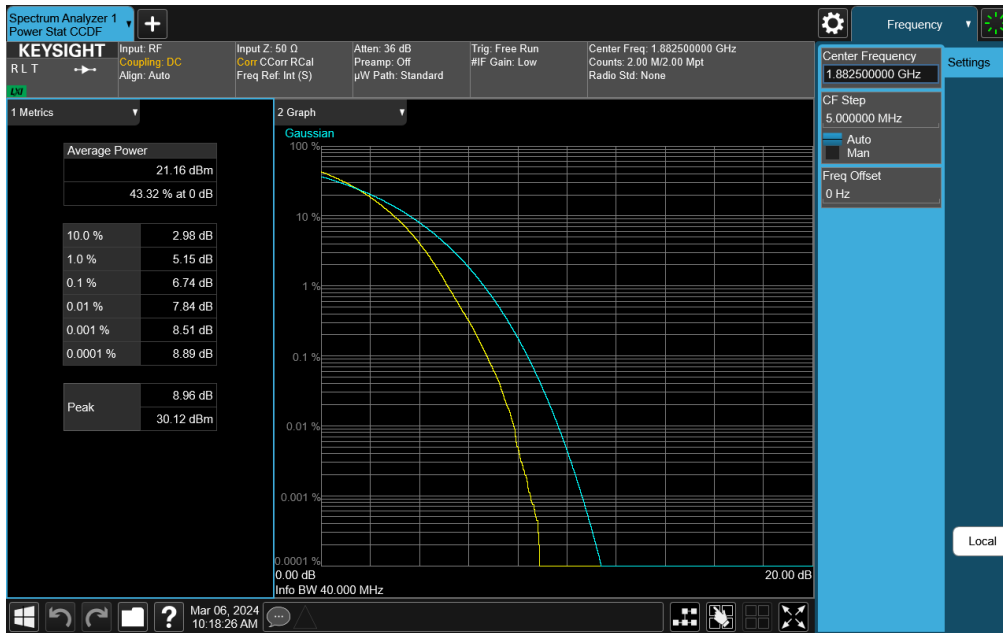
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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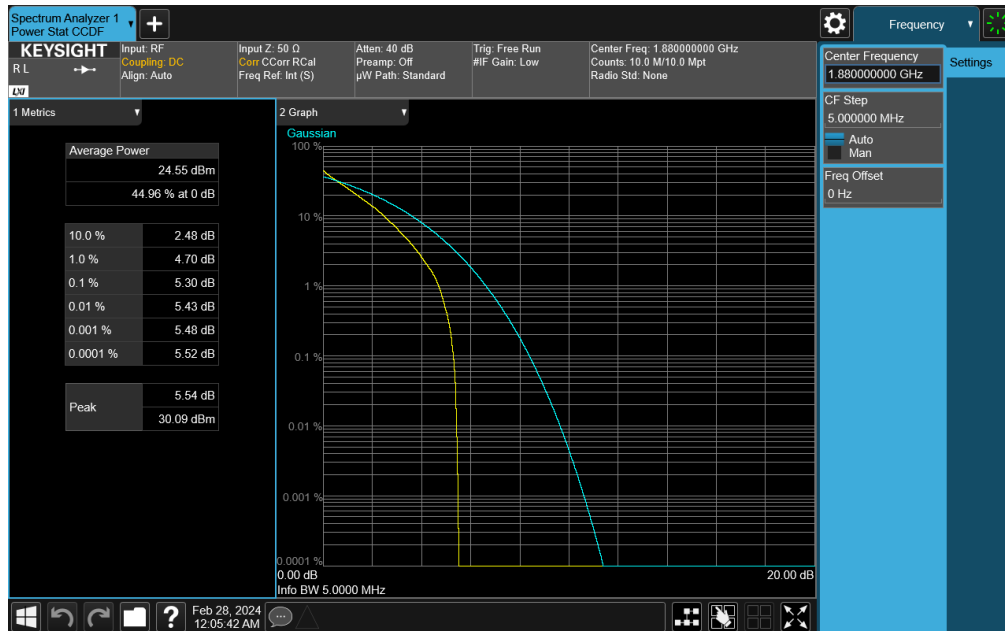
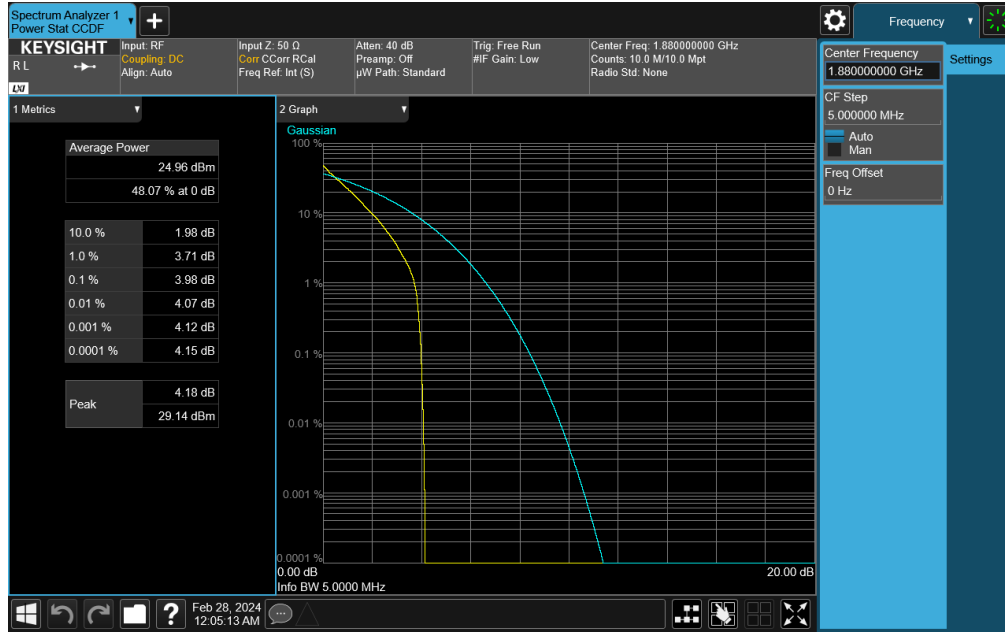
Plot 7-279. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 64-QAM - Full RB)



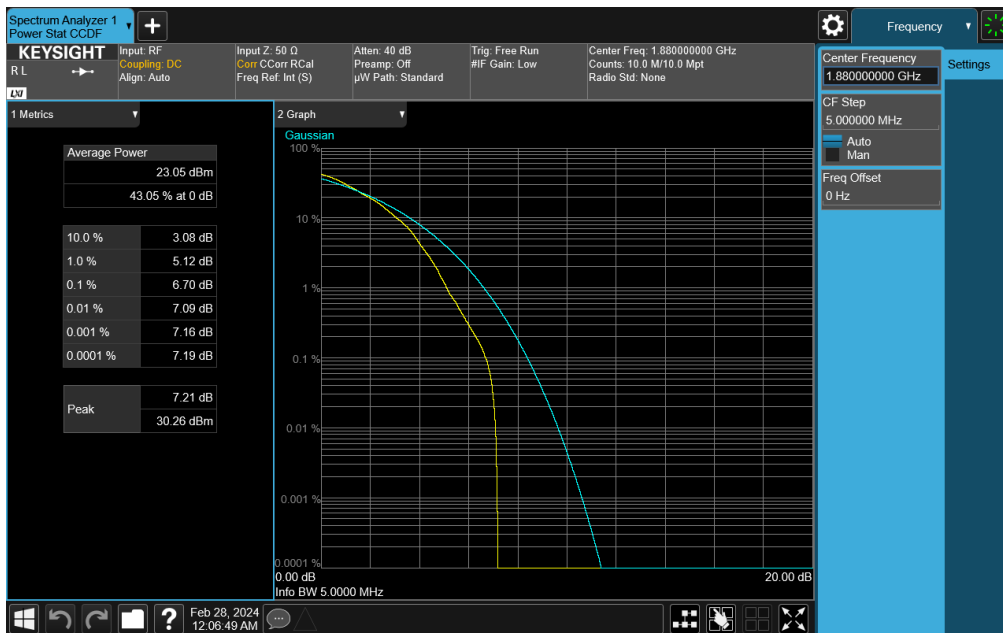
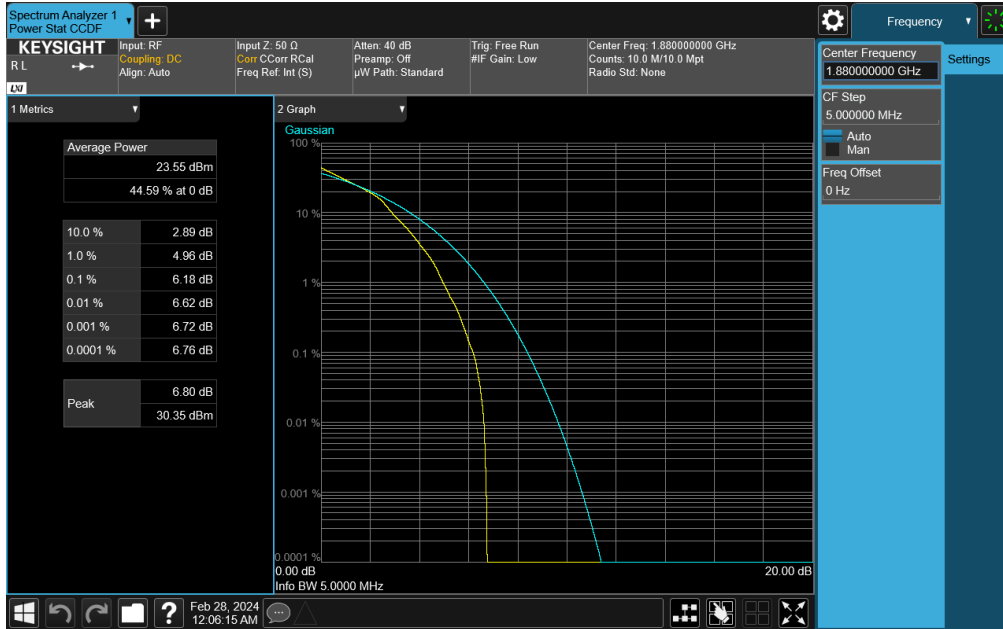
Plot 7-280. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 256-QAM - Full RB)


FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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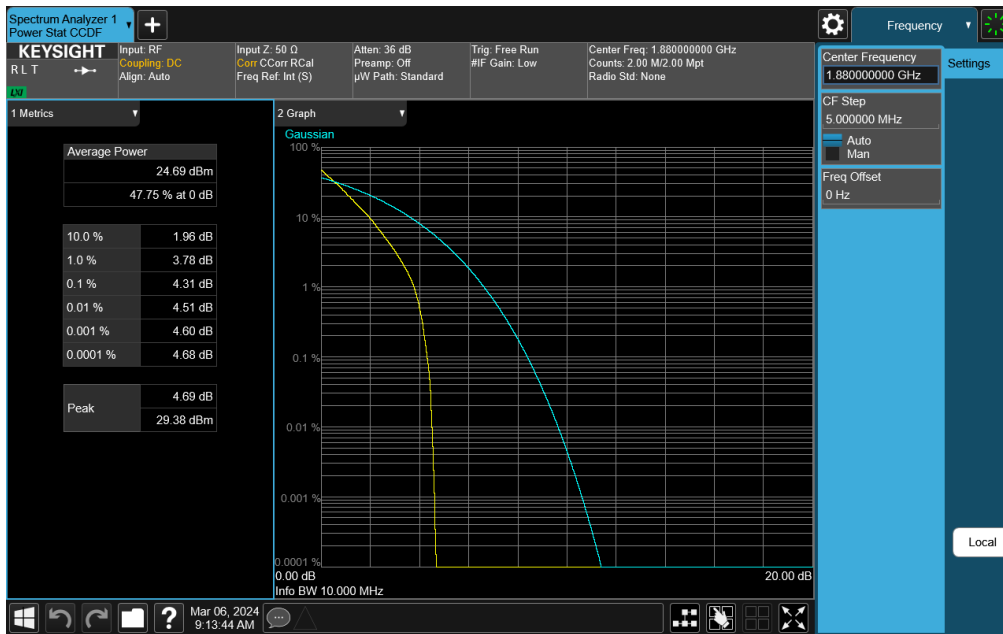
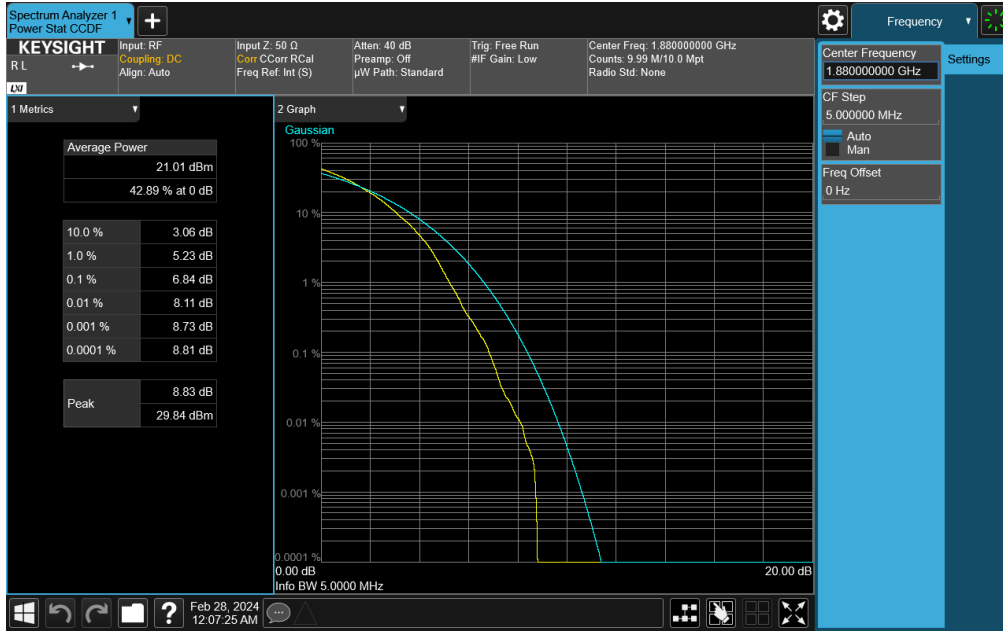
NR Band n2



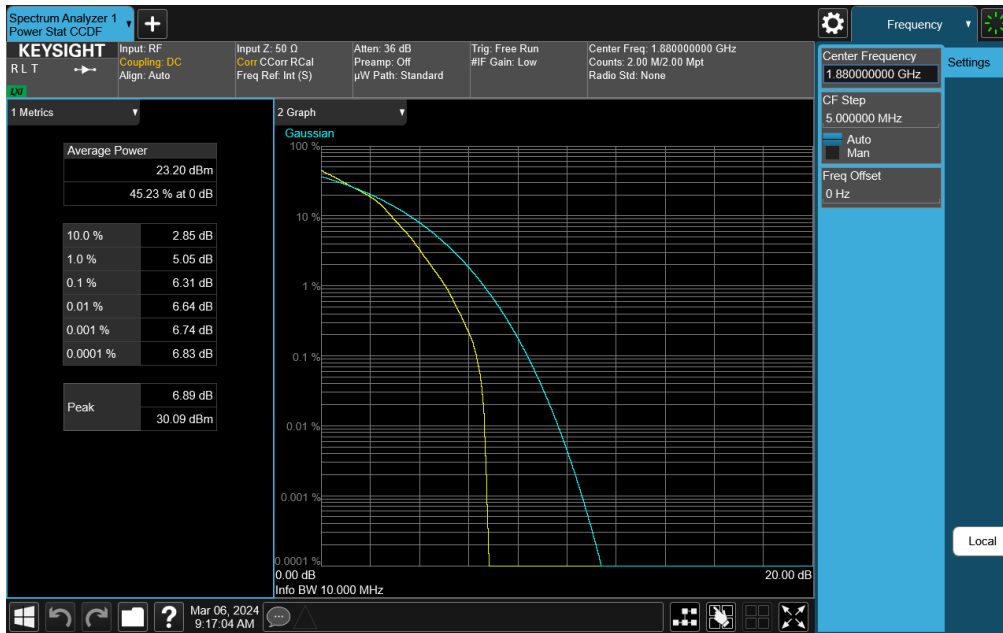
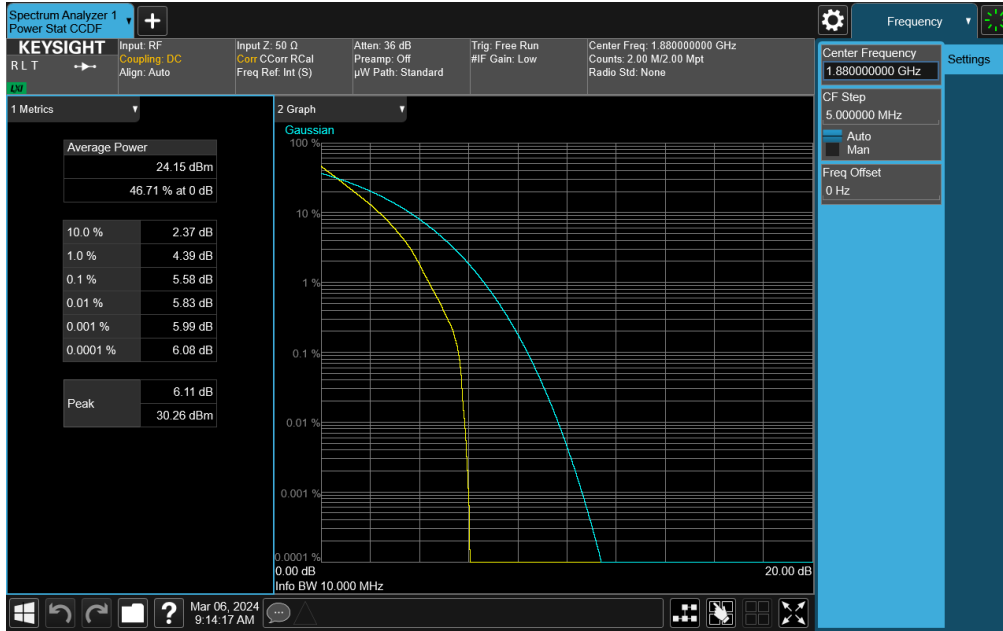
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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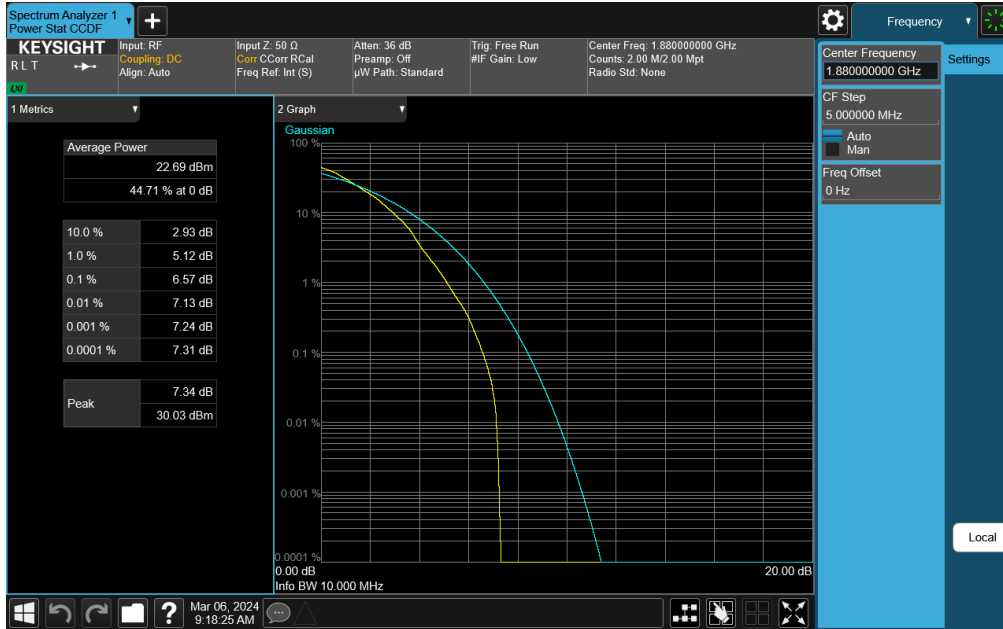
FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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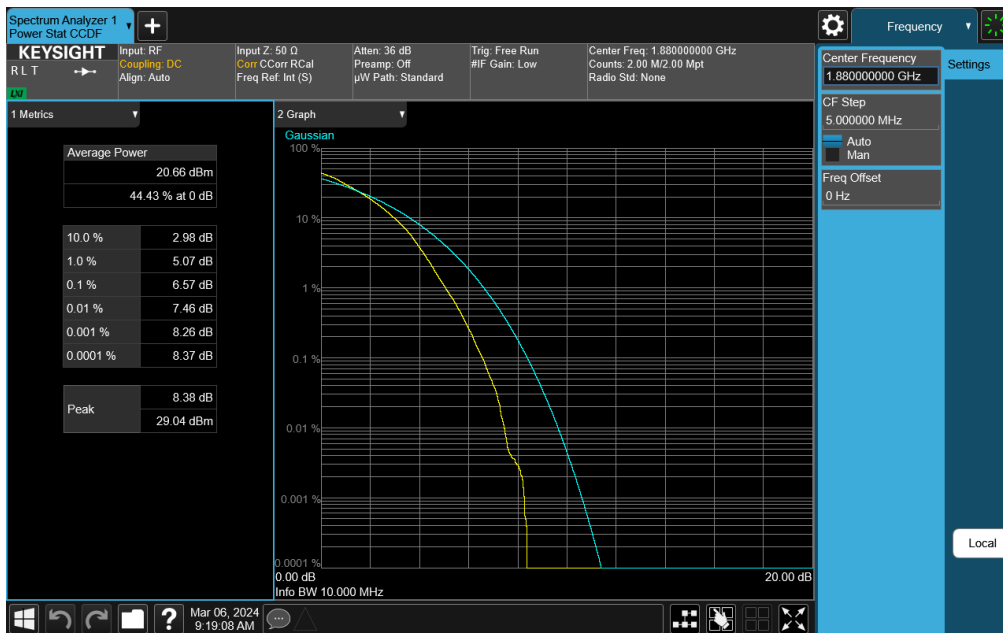
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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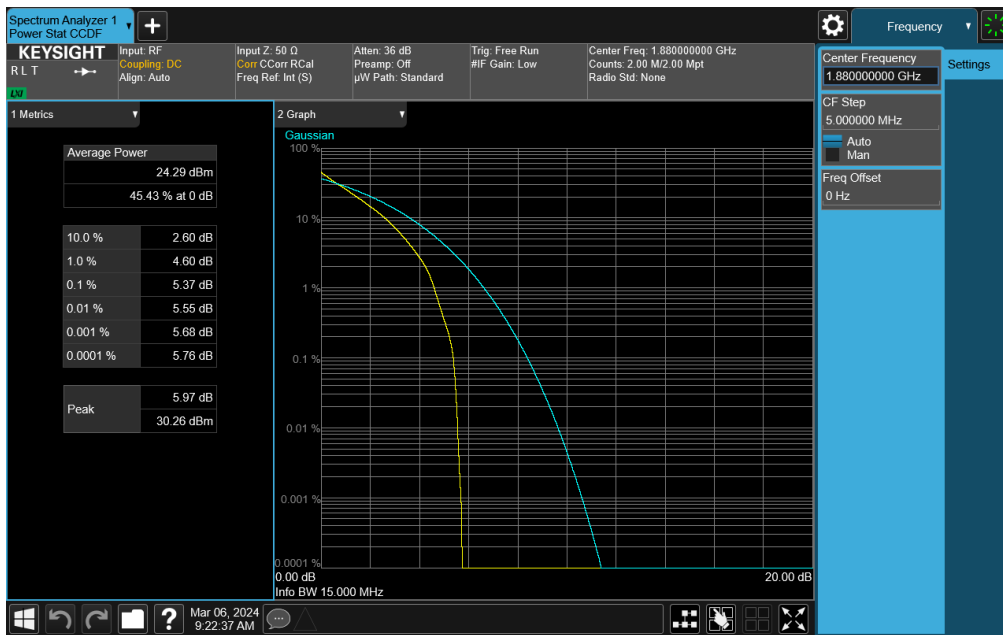
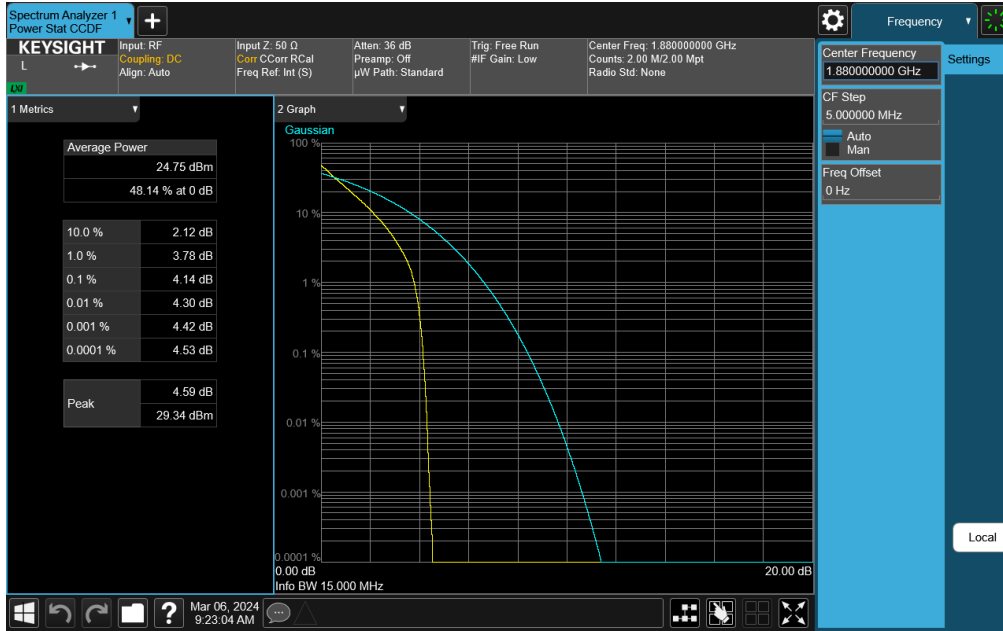


Plot 7-289. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

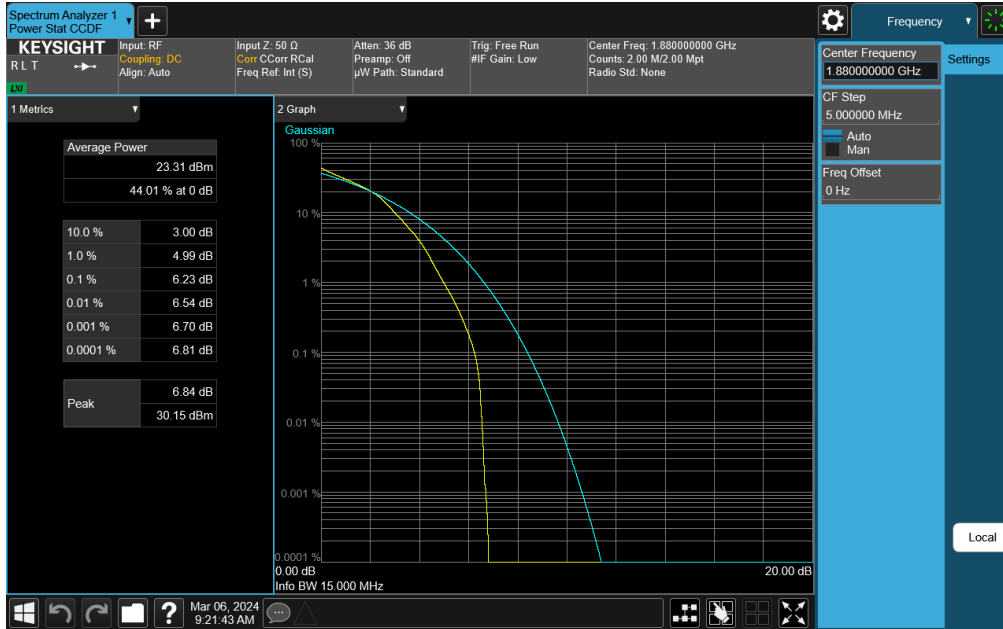


Plot 7-290. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 256-QAM - Full RB)

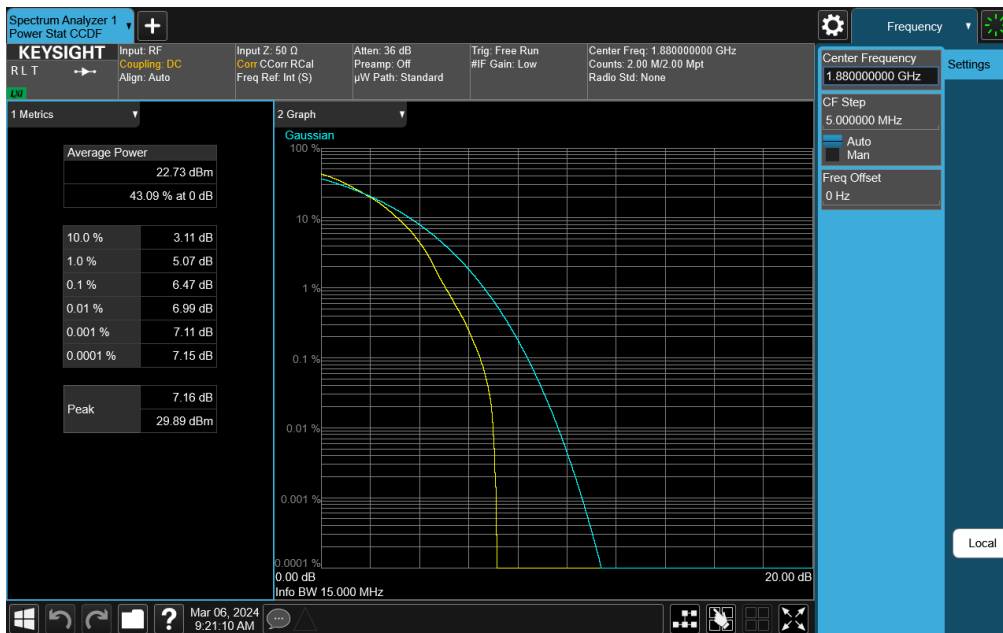
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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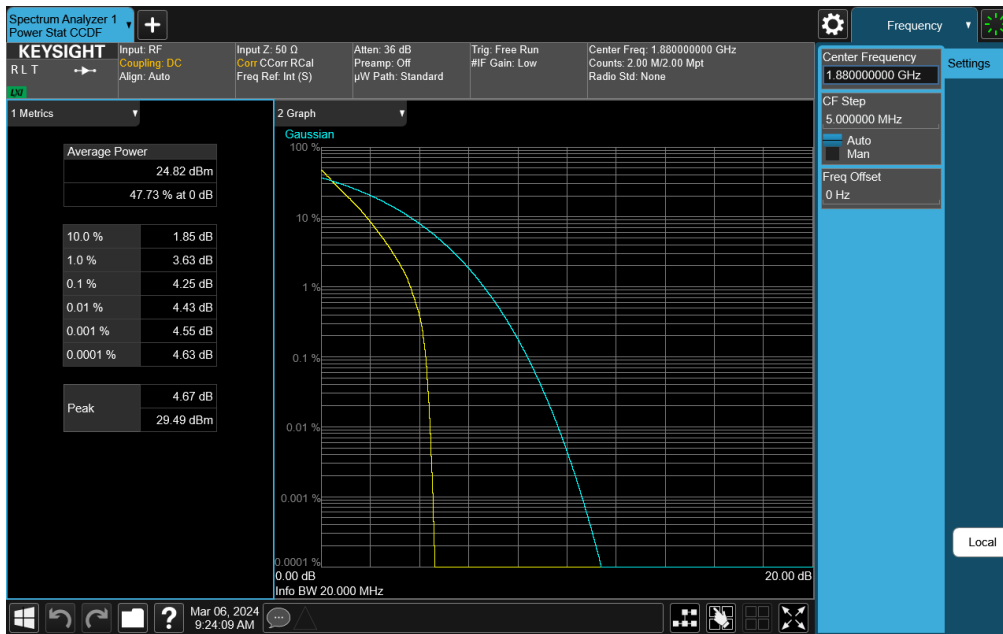
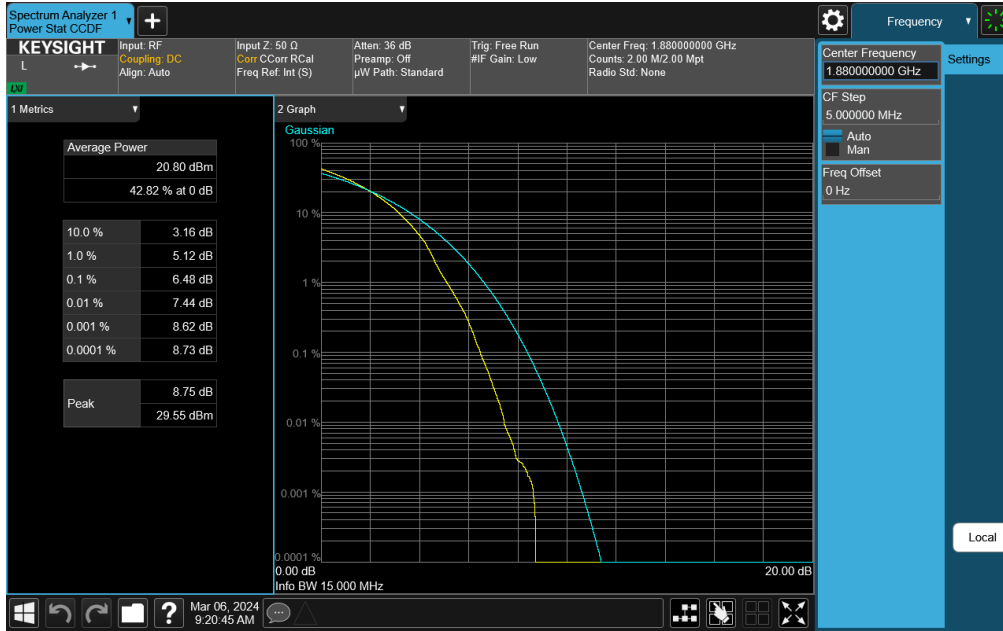


Plot 7-293. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 16-QAM - Full RB)

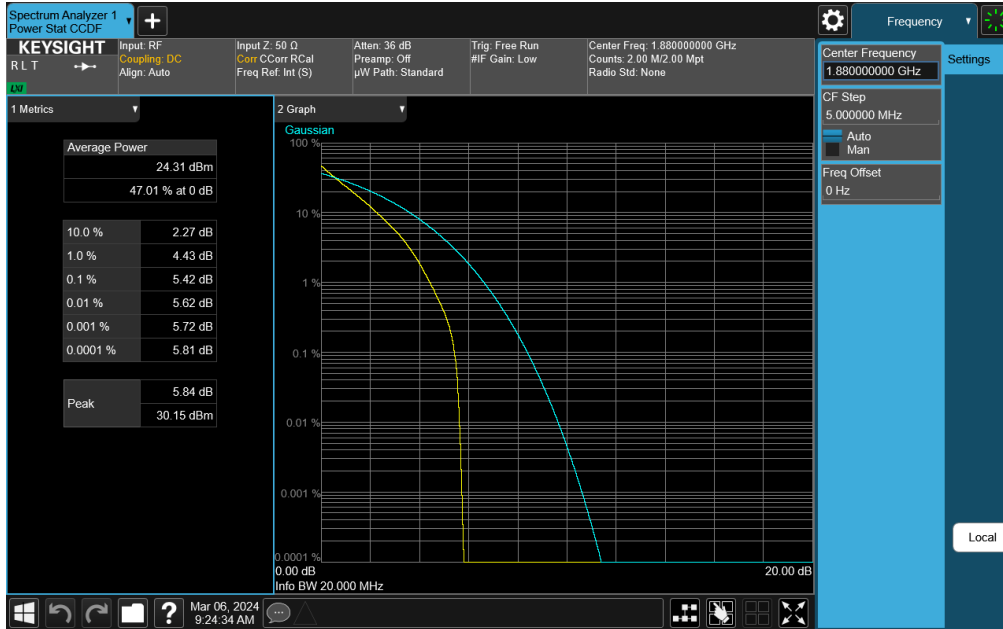


Plot 7-294. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM 64-QAM - Full RB)

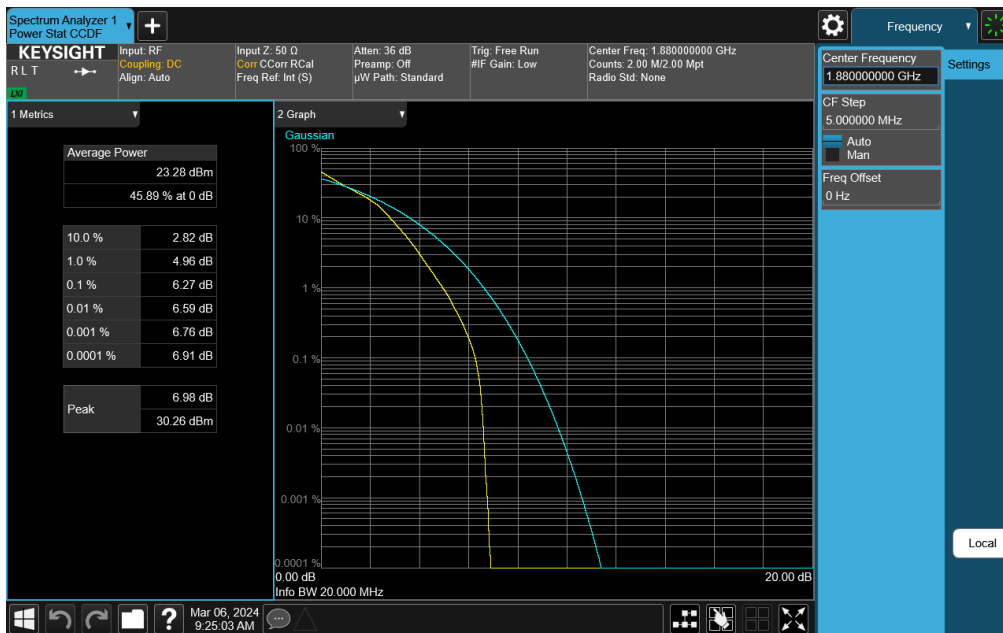
FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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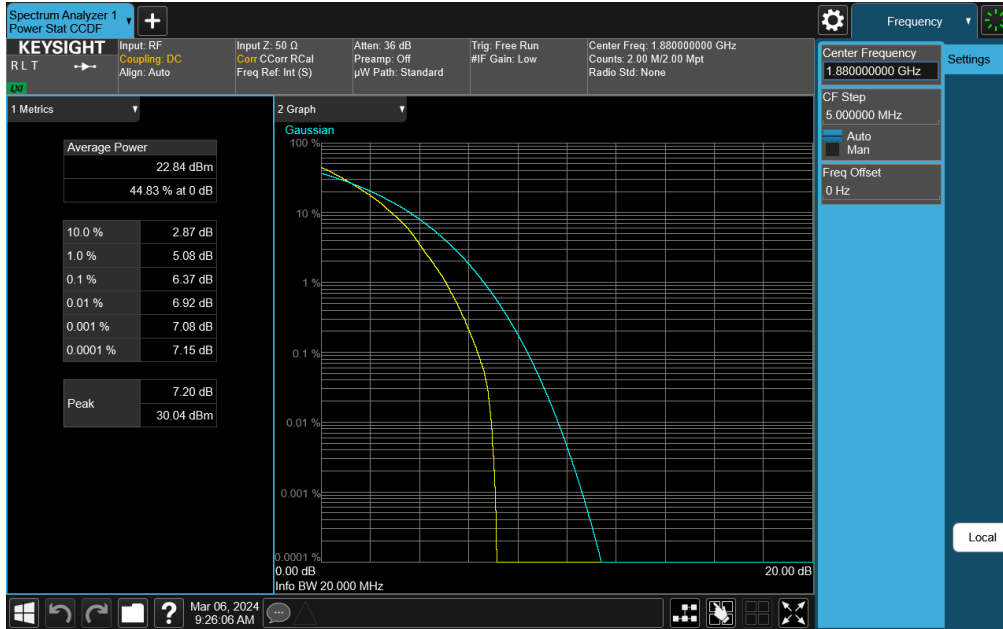


Plot 7-297. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM QPSK - Full RB)

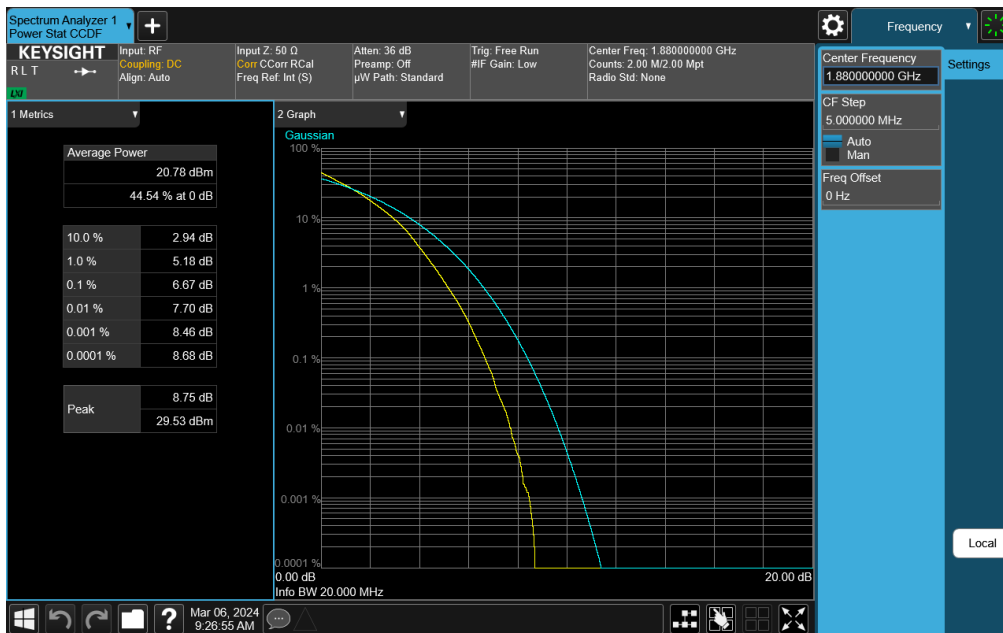


Plot 7-298. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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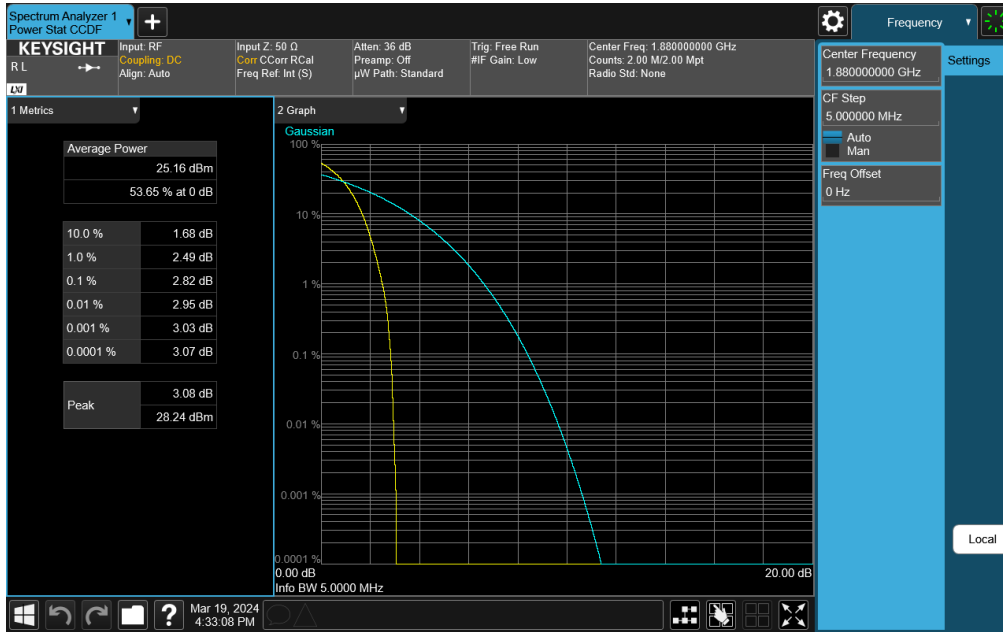
Plot 7-299. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 64-QAM - Full RB)




Plot 7-300. PAR Plot (NR Band n2 - 20MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2926	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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WCDMA PCS



Plot 7-301. 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.

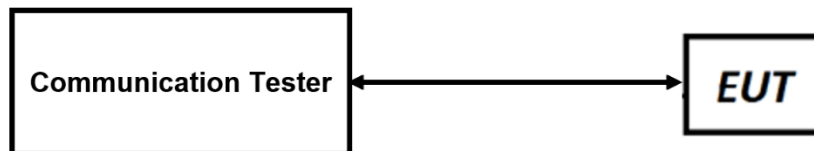




Figure 7-5. EIRP Measurement Setup

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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".

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7.6.1 Antenna 4b – 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	-1.30	1 / 0	25.25	23.95	0.248	33.01	-9.06
		1882.5	-1.30	1 / 0	25.15	23.85	0.243	33.01	-9.16
		1914.3	-1.30	1 / 0	25.30	24.00	0.251	33.01	-9.01
	16-QAM	1914.3	-1.30	1 / 0	24.56	23.26	0.212	33.01	-9.75
	64-QAM	1882.5	-1.30	1 / 0	23.43	22.13	0.163	33.01	-10.88
	256-QAM	1850.7	-1.30	1 / 0	20.47	19.17	0.083	33.01	-13.84
3 MHz	QPSK	1851.5	-1.30	1 / 0	25.28	23.98	0.250	33.01	-9.03
		1882.5	-1.30	1 / 0	25.10	23.80	0.240	33.01	-9.21
		1913.5	-1.30	1 / 0	24.99	23.69	0.234	33.01	-9.32
	16-QAM	1851.5	-1.30	1 / 0	24.61	23.31	0.214	33.01	-9.70
	64-QAM	1882.5	-1.30	1 / 0	23.42	22.12	0.163	33.01	-10.89
	256-QAM	1851.5	-1.30	1 / 0	20.44	19.14	0.082	33.01	-13.87
5 MHz	QPSK	1852.5	-1.30	1 / 0	25.29	23.99	0.251	33.01	-9.02
		1882.5	-1.30	1 / 0	25.30	24.00	0.251	33.01	-9.01
		1912.5	-1.30	1 / 0	25.30	24.00	0.251	33.01	-9.01
	16-QAM	1882.5	-1.30	1 / 0	24.70	23.40	0.219	33.01	-9.61
	64-QAM	1912.5	-1.30	1 / 24	23.51	22.21	0.166	33.01	-10.80
	256-QAM	1852.5	-1.30	1 / 0	20.53	19.23	0.084	33.01	-13.78
10 MHz	QPSK	1855.0	-1.30	1 / 0	25.28	23.98	0.250	33.01	-9.03
		1882.5	-1.30	1 / 0	25.16	23.86	0.243	33.01	-9.15
		1910.0	-1.30	1 / 0	25.00	23.70	0.234	33.01	-9.31
	16-QAM	1855.0	-1.30	1 / 49	24.63	23.33	0.215	33.01	-9.68
	64-QAM	1882.5	-1.30	1 / 25	23.52	22.22	0.167	33.01	-10.79
	256-QAM	1855.0	-1.30	1 / 0	20.54	19.24	0.084	33.01	-13.77
15 MHz	QPSK	1857.5	-1.30	1 / 0	25.23	23.93	0.247	33.01	-9.08
		1882.5	-1.30	1 / 0	25.26	23.96	0.249	33.01	-9.05
		1907.5	-1.30	1 / 0	25.03	23.73	0.236	33.01	-9.28
	16-QAM	1882.5	-1.30	1 / 0	24.64	23.34	0.216	33.01	-9.67
	64-QAM	1857.5	-1.30	1 / 37	23.56	22.26	0.168	33.01	-10.75
	256-QAM	1882.5	-1.30	1 / 0	20.55	19.25	0.084	33.01	-13.76
20 MHz	QPSK	1860.0	-1.30	1 / 0	25.22	23.92	0.247	33.01	-9.09
		1882.5	-1.30	1 / 0	25.20	23.90	0.245	33.01	-9.11
		1905.0	-1.30	1 / 0	25.14	23.84	0.242	33.01	-9.17
	16-QAM	1905.0	-1.30	1 / 0	24.82	23.52	0.225	33.01	-9.49
	64-QAM	1905.0	-1.30	1 / 0	23.62	22.32	0.171	33.01	-10.69
	256-QAM	1882.5	-1.30	1 / 0	20.54	19.24	0.084	33.01	-13.77


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

FCC ID: BCGA2926	 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]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	-1.30	1 / 5	25.29	23.99	0.251	33.01	-9.02
		1880.0	-1.30	1 / 0	25.24	23.94	0.248	33.01	-9.07
		1909.3	-1.30	1 / 0	25.08	23.78	0.239	33.01	-9.23
	16-QAM	1880.0	-1.30	1 / 0	24.58	23.28	0.213	33.01	-9.73
	64-QAM	1880.0	-1.30	1 / 5	23.44	22.14	0.164	33.01	-10.87
	256-QAM	1850.7	-1.30	1 / 0	20.49	19.19	0.083	33.01	-13.82
3 MHz	QPSK	1851.5	-1.30	1 / 0	25.07	23.77	0.238	33.01	-9.24
		1880.0	-1.30	1 / 0	25.22	23.92	0.247	33.01	-9.09
		1908.5	-1.30	1 / 0	25.11	23.81	0.240	33.01	-9.20
	16-QAM	1880.0	-1.30	1 / 0	24.59	23.29	0.213	33.01	-9.72
	64-QAM	1851.5	-1.30	1 / 0	23.51	22.21	0.166	33.01	-10.80
	256-QAM	1880.0	-1.30	1 / 0	20.44	19.14	0.082	33.01	-13.87
5 MHz	QPSK	1852.5	-1.30	1 / 0	25.23	23.93	0.247	33.01	-9.08
		1880.0	-1.30	1 / 0	25.30	24.00	0.251	33.01	-9.01
		1907.5	-1.30	1 / 0	25.05	23.75	0.237	33.01	-9.26
	16-QAM	1880.0	-1.30	1 / 24	24.63	23.33	0.215	33.01	-9.68
	64-QAM	1880.0	-1.30	1 / 0	23.56	22.26	0.168	33.01	-10.75
	256-QAM	1907.5	-1.30	1 / 0	20.40	19.10	0.081	33.01	-13.91
10 MHz	QPSK	1855.0	-1.30	1 / 49	25.05	23.75	0.237	33.01	-9.26
		1880.0	-1.30	1 / 49	25.23	23.93	0.247	33.01	-9.08
		1905.0	-1.30	1 / 49	25.06	23.76	0.238	33.01	-9.25
	16-QAM	1905.0	-1.30	1 / 25	24.57	23.27	0.212	33.01	-9.74
	64-QAM	1855.0	-1.30	1 / 49	23.42	22.12	0.163	33.01	-10.89
	256-QAM	1905.0	-1.30	1 / 49	20.34	19.04	0.080	33.01	-13.97
15 MHz	QPSK	1857.5	-1.30	1 / 0	25.11	23.81	0.240	33.01	-9.20
		1880.0	-1.30	1 / 0	25.16	23.86	0.243	33.01	-9.15
		1902.5	-1.30	1 / 0	24.96	23.66	0.232	33.01	-9.35
	16-QAM	1902.5	-1.30	1 / 74	24.46	23.16	0.207	33.01	-9.85
	64-QAM	1857.5	-1.30	1 / 74	23.42	22.12	0.163	33.01	-10.89
	256-QAM	1857.5	-1.30	1 / 0	20.29	18.99	0.079	33.01	-14.02
20 MHz	QPSK	1860.0	-1.30	1 / 0	25.08	23.78	0.239	33.01	-9.23
		1880.0	-1.30	1 / 0	24.88	23.58	0.228	33.01	-9.43
		1900.0	-1.30	1 / 0	25.11	23.81	0.240	33.01	-9.20
	16-QAM	1880.0	-1.30	1 / 0	24.39	23.09	0.204	33.01	-9.92
	64-QAM	1900.0	-1.30	1 / 0	23.50	22.20	0.166	33.01	-10.81
	256-QAM	1880.0	-1.30	1 / 0	20.39	19.09	0.081	33.01	-13.92


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

FCC ID: BCGA2926	 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	π/2 BPSK	1852.5	-1.30	1 / 1	25.18	23.88	0.244	33.01	-9.13
		1882.5	-1.30	1 / 1	25.14	23.84	0.242	33.01	-9.17
		1912.5	-1.30	1 / 12	25.20	23.90	0.245	33.01	-9.11
	QPSK	1852.5	-1.30	1 / 12	25.22	23.92	0.247	33.01	-9.09
		1882.5	-1.30	1 / 12	25.25	23.95	0.248	33.01	-9.06
		1912.5	-1.30	1 / 12	25.26	23.96	0.249	33.01	-9.05
		16-QAM	1852.5	-1.30	1 / 12	24.32	23.02	0.200	33.01
64-QAM	1882.5	-1.30	1 / 12	22.92	21.62	0.145	33.01	-11.39	
256-QAM	1882.5	-1.30	1 / 23	20.76	19.46	0.088	33.01	-13.55	
10 MHz	π/2 BPSK	1855.0	-1.30	1 / 50	25.04	23.74	0.237	33.01	-9.27
		1882.5	-1.30	1 / 1	25.03	23.73	0.236	33.01	-9.28
		1910.0	-1.30	1 / 25	25.10	23.80	0.240	33.01	-9.21
	QPSK	1855.0	-1.30	1 / 50	25.17	23.87	0.244	33.01	-9.14
		1882.5	-1.30	1 / 25	25.14	23.84	0.242	33.01	-9.17
		1910.0	-1.30	1 / 25	25.14	23.84	0.242	33.01	-9.17
	16-QAM	1910.0	-1.30	1 / 50	24.26	22.96	0.198	33.01	-10.05
	64-QAM	1910.0	-1.30	1 / 25	22.84	21.54	0.143	33.01	-11.47
256-QAM	1910.0	-1.30	1 / 25	20.83	19.53	0.090	33.01	-13.48	
15 MHz	π/2 BPSK	1857.5	-1.30	1 / 77	25.26	23.96	0.249	33.01	-9.05
		1882.5	-1.30	1 / 1	25.21	23.91	0.246	33.01	-9.10
		1907.5	-1.30	1 / 77	25.12	23.82	0.241	33.01	-9.19
	QPSK	1857.5	-1.30	1 / 77	25.29	23.99	0.251	33.01	-9.02
		1882.5	-1.30	1 / 1	25.24	23.94	0.248	33.01	-9.07
		1907.5	-1.30	1 / 77	25.12	23.82	0.241	33.01	-9.19
	16-QAM	1882.5	-1.30	1 / 36	24.31	23.01	0.200	33.01	-10.00
	64-QAM	1857.5	-1.30	1 / 1	22.76	21.46	0.140	33.01	-11.55
256-QAM	1857.5	-1.30	1 / 1	20.77	19.47	0.089	33.01	-13.54	
20 MHz	π/2 BPSK	1860.0	-1.30	1 / 1	25.19	23.89	0.245	33.01	-9.12
		1882.5	-1.30	1 / 50	25.21	23.91	0.246	33.01	-9.10
		1905.0	-1.30	1 / 1	25.07	23.77	0.238	33.01	-9.24
	QPSK	1860.0	-1.30	1 / 104	25.27	23.97	0.249	33.01	-9.04
		1882.5	-1.30	1 / 1	25.14	23.84	0.242	33.01	-9.17
		1905.0	-1.30	1 / 1	25.13	23.83	0.242	33.01	-9.18
	16-QAM	1860.0	-1.30	1 / 1	24.38	23.08	0.203	33.01	-9.93
64-QAM	1860.0	-1.30	1 / 104	22.89	21.59	0.144	33.01	-11.42	
256-QAM	1882.5	-1.30	1 / 1	20.77	19.47	0.089	33.01	-13.54	
25 MHz	π/2 BPSK	1862.5	-1.30	1 / 1	25.26	23.96	0.249	33.01	-9.05
		1882.5	-1.30	1 / 131	25.23	23.93	0.247	33.01	-9.08
		1902.5	-1.30	1 / 1	25.22	23.92	0.247	33.01	-9.09
	QPSK	1862.5	-1.30	1 / 64	25.29	23.99	0.251	33.01	-9.02
		1882.5	-1.30	1 / 1	25.19	23.89	0.245	33.01	-9.12
		1902.5	-1.30	1 / 64	25.22	23.92	0.247	33.01	-9.09
	16-QAM	1862.5	-1.30	1 / 64	24.27	22.97	0.198	33.01	-10.04
	64-QAM	1862.5	-1.30	1 / 131	22.90	21.60	0.145	33.01	-11.41
256-QAM	1882.5	-1.30	1 / 131	20.92	19.62	0.092	33.01	-13.39	
30 MHz	π/2 BPSK	1865.0	-1.30	1 / 80	25.21	23.91	0.246	33.01	-9.10
		1882.5	-1.30	1 / 158	25.24	23.94	0.248	33.01	-9.07
		1900.0	-1.30	1 / 80	25.16	23.86	0.243	33.01	-9.15
	QPSK	1865.0	-1.30	1 / 158	25.26	23.96	0.249	33.01	-9.05
		1882.5	-1.30	1 / 1	25.18	23.88	0.244	33.01	-9.13
		1900.0	-1.30	1 / 80	25.25	23.95	0.248	33.01	-9.06
	16-QAM	1882.5	-1.30	1 / 1	24.25	22.95	0.197	33.01	-10.06
64-QAM	1865.0	-1.30	1 / 80	22.92	21.62	0.145	33.01	-11.39	
256-QAM	1882.5	-1.30	1 / 1	20.80	19.50	0.089	33.01	-13.51	
35 MHz	π/2 BPSK	1867.5	-1.30	1 / 93	25.26	23.96	0.249	33.01	-9.05
		1882.5	-1.30	1 / 1	25.20	23.90	0.245	33.01	-9.11
		1897.5	-1.30	1 / 1	25.16	23.86	0.243	33.01	-9.15
	QPSK	1867.5	-1.30	1 / 1	25.07	23.77	0.238	33.01	-9.24
		1882.5	-1.30	1 / 1	25.30	24.00	0.251	33.01	-9.01
		1897.5	-1.30	1 / 1	25.11	23.81	0.240	33.01	-9.20
	16-QAM	1897.5	-1.30	1 / 1	24.48	23.18	0.208	33.01	-9.83
64-QAM	1867.5	-1.30	1 / 186	23.23	21.93	0.156	33.01	-11.08	
256-QAM	1882.5	-1.30	1 / 93	21.09	19.79	0.095	33.01	-13.22	
40 MHz	π/2 BPSK	1870.0	-1.30	1 / 108	25.21	23.91	0.246	33.01	-9.10
		1882.5	-1.30	1 / 108	25.20	23.90	0.245	33.01	-9.11
		1895.0	-1.30	1 / 214	25.23	23.93	0.247	33.01	-9.08
	QPSK	1870.0	-1.30	1 / 108	25.25	23.95	0.248	33.01	-9.06
		1882.5	-1.30	1 / 108	25.28	23.98	0.250	33.01	-9.03
		1895.0	-1.30	1 / 1	25.13	23.83	0.242	33.01	-9.18
	16-QAM	1882.5	-1.30	1 / 214	24.68	23.38	0.218	33.01	-9.63
64-QAM	1882.5	-1.30	1 / 1	23.03	21.73	0.149	33.01	-11.28	
256-QAM	1882.5	-1.30	1 / 1	21.08	19.78	0.095	33.01	-13.23	


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

FCC ID: BCGA2926		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device	Page 176 of 216

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	-1.30	1 / 1	25.09	23.79	0.240	33.01	-9.22
		1880.0	-1.30	1 / 1	25.15	23.85	0.243	33.01	-9.16
		1907.5	-1.30	1 / 12	25.09	23.79	0.239	33.01	-9.22
	QPSK	1852.5	-1.30	1 / 12	25.13	23.83	0.241	33.01	-9.18
		1880.0	-1.30	1 / 12	25.15	23.85	0.243	33.01	-9.16
		1907.5	-1.30	1 / 12	25.17	23.87	0.244	33.01	-9.14
	16-QAM	1907.5	-1.30	1 / 1	24.19	22.89	0.195	33.01	-10.12
64-QAM	1907.5	-1.30	1 / 12	22.95	21.65	0.146	33.01	-11.36	
256-QAM	1880.0	-1.30	1 / 1	20.73	19.43	0.088	33.01	-13.58	
10 MHz	π/2 BPSK	1855.0	-1.30	1 / 1	25.07	23.77	0.238	33.01	-9.24
		1880.0	-1.30	1 / 1	25.14	23.84	0.242	33.01	-9.17
		1905.0	-1.30	1 / 25	25.15	23.85	0.242	33.01	-9.16
	QPSK	1855.0	-1.30	1 / 25	25.08	23.78	0.239	33.01	-9.23
		1880.0	-1.30	1 / 25	25.17	23.87	0.244	33.01	-9.14
		1905.0	-1.30	1 / 1	25.16	23.86	0.243	33.01	-9.15
	16-QAM	1855.0	-1.30	1 / 1	24.39	23.09	0.204	33.01	-9.92
64-QAM	1855.0	-1.30	1 / 1	22.78	21.48	0.141	33.01	-11.53	
256-QAM	1905.0	-1.30	1 / 25	20.89	19.59	0.091	33.01	-13.42	
15 MHz	π/2 BPSK	1857.5	-1.30	1 / 1	25.27	23.97	0.249	33.01	-9.04
		1880.0	-1.30	1 / 1	25.19	23.89	0.245	33.01	-9.12
		1902.5	-1.30	1 / 1	25.25	23.95	0.248	33.01	-9.06
	QPSK	1857.5	-1.30	1 / 36	25.21	23.91	0.246	33.01	-9.10
		1880.0	-1.30	1 / 1	25.29	23.99	0.251	33.01	-9.02
		1902.5	-1.30	1 / 1	25.27	23.97	0.249	33.01	-9.05
	16-QAM	1880.0	-1.30	1 / 36	24.46	23.16	0.207	33.01	-9.85
64-QAM	1902.5	-1.30	1 / 77	23.11	21.81	0.152	33.01	-11.20	
256-QAM	1857.5	-1.30	1 / 36	20.96	19.66	0.093	33.01	-13.35	
20 MHz	π/2 BPSK	1860.0	-1.30	1 / 1	25.24	23.94	0.248	33.01	-9.07
		1880.0	-1.30	1 / 50	25.11	23.81	0.240	33.01	-9.20
		1900.0	-1.30	1 / 104	25.10	23.80	0.240	33.01	-9.21
	QPSK	1860.0	-1.30	1 / 1	25.27	23.97	0.250	33.01	-9.04
		1880.0	-1.30	1 / 1	25.20	23.90	0.246	33.01	-9.11
		1900.0	-1.30	1 / 50	25.20	23.90	0.245	33.01	-9.11
	16-QAM	1880.0	-1.30	1 / 1	24.40	23.10	0.204	33.01	-9.91
64-QAM	1860.0	-1.30	1 / 1	22.78	21.48	0.140	33.01	-11.53	
256-QAM	1880.0	-1.30	1 / 1	20.77	19.47	0.089	33.01	-13.54	


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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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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	25.19	-1.30	23.89	0.245	33.01	-9.12
1880.00	WCDMA1900	25.26	-1.30	23.96	0.249	33.01	-9.05
1907.60	WCDMA1900	25.20	-1.30	23.90	0.246	33.01	-9.11

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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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7.6.2 Antenna 1 – 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 / 0	22.66	22.36	0.172	33.01	-10.65
		1882.5	-0.30	1 / 5	22.60	22.30	0.170	33.01	-10.71
		1914.3	-0.30	1 / 0	22.70	22.40	0.174	33.01	-10.61
	16-QAM	1914.3	-0.30	1 / 0	22.01	21.71	0.148	33.01	-11.30
	64-QAM	1850.7	-0.30	1 / 5	20.97	20.67	0.117	33.01	-12.34
	256-QAM	1914.3	-0.30	1 / 0	17.94	17.64	0.058	33.01	-15.37
3 MHz	QPSK	1851.5	-0.30	1 / 0	22.69	22.39	0.173	33.01	-10.62
		1882.5	-0.30	1 / 0	22.55	22.25	0.168	33.01	-10.76
		1913.5	-0.30	1 / 0	22.48	22.18	0.165	33.01	-10.83
	16-QAM	1882.5	-0.30	1 / 0	21.95	21.65	0.146	33.01	-11.36
	64-QAM	1882.5	-0.30	1 / 0	20.91	20.61	0.115	33.01	-12.40
	256-QAM	1882.5	-0.30	1 / 0	17.94	17.64	0.058	33.01	-15.37
5 MHz	QPSK	1852.5	-0.30	1 / 0	22.63	22.33	0.171	33.01	-10.68
		1882.5	-0.30	1 / 0	22.70	22.40	0.174	33.01	-10.61
		1912.5	-0.30	1 / 0	22.69	22.39	0.173	33.01	-10.62
	16-QAM	1882.5	-0.30	1 / 0	22.18	21.88	0.154	33.01	-11.13
	64-QAM	1882.5	-0.30	1 / 0	21.05	20.75	0.119	33.01	-12.26
	256-QAM	1882.5	-0.30	1 / 24	17.95	17.65	0.058	33.01	-15.36
10 MHz	QPSK	1855.0	-0.30	1 / 49	22.68	22.38	0.173	33.01	-10.63
		1882.5	-0.30	1 / 49	22.65	22.35	0.172	33.01	-10.66
		1910.0	-0.30	1 / 49	22.46	22.16	0.164	33.01	-10.85
	16-QAM	1882.5	-0.30	1 / 0	22.01	21.71	0.148	33.01	-11.30
	64-QAM	1882.5	-0.30	1 / 25	20.90	20.60	0.115	33.01	-12.41
	256-QAM	1882.5	-0.30	1 / 49	17.95	17.65	0.058	33.01	-15.36
15 MHz	QPSK	1857.5	-0.30	1 / 0	22.59	22.29	0.169	33.01	-10.72
		1882.5	-0.30	1 / 0	22.62	22.32	0.171	33.01	-10.69
		1907.5	-0.30	1 / 0	22.47	22.17	0.165	33.01	-10.84
	16-QAM	1857.5	-0.30	1 / 0	22.00	21.70	0.148	33.01	-11.31
	64-QAM	1857.5	-0.30	1 / 0	20.90	20.60	0.115	33.01	-12.41
	256-QAM	1857.5	-0.30	1 / 0	17.91	17.61	0.058	33.01	-15.40
20 MHz	QPSK	1860.0	-0.30	1 / 99	22.54	22.24	0.167	33.01	-10.77
		1882.5	-0.30	1 / 0	22.65	22.35	0.172	33.01	-10.66
		1905.0	-0.30	1 / 0	22.56	22.26	0.168	33.01	-10.75
	16-QAM	1860.0	-0.30	1 / 0	22.23	21.93	0.156	33.01	-11.08
	64-QAM	1882.5	-0.30	1 / 0	20.98	20.68	0.117	33.01	-12.33
	256-QAM	1905.0	-0.30	1 / 99	17.90	17.60	0.058	33.01	-15.41


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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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LTE Band 2

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	22.70	22.40	0.174	33.01	-10.61
		1880.0	-0.30	1 / 0	22.69	22.39	0.173	33.01	-10.62
		1909.3	-0.30	1 / 3	22.57	22.27	0.169	33.01	-10.74
	16-QAM	1880.0	-0.30	1 / 0	21.92	21.62	0.145	33.01	-11.39
	64-QAM	1909.3	-0.30	1 / 5	20.85	20.55	0.114	33.01	-12.46
	256-QAM	1880.0	-0.30	1 / 3	17.80	17.50	0.056	33.01	-15.51
3 MHz	QPSK	1851.5	-0.30	1 / 0	22.52	22.22	0.167	33.01	-10.79
		1880.0	-0.30	1 / 0	22.67	22.37	0.173	33.01	-10.64
		1908.5	-0.30	1 / 0	22.55	22.25	0.168	33.01	-10.76
	16-QAM	1908.5	-0.30	1 / 0	22.12	21.82	0.152	33.01	-11.19
	64-QAM	1851.5	-0.30	1 / 14	20.96	20.66	0.116	33.01	-12.35
	256-QAM	1880.0	-0.30	1 / 0	17.88	17.58	0.057	33.01	-15.43
5 MHz	QPSK	1852.5	-0.30	1 / 0	22.70	22.40	0.174	33.01	-10.61
		1880.0	-0.30	1 / 0	22.70	22.40	0.174	33.01	-10.61
		1907.5	-0.30	1 / 0	22.57	22.27	0.169	33.01	-10.74
	16-QAM	1880.0	-0.30	1 / 0	22.13	21.83	0.152	33.01	-11.18
	64-QAM	1880.0	-0.30	1 / 0	21.07	20.77	0.119	33.01	-12.24
	256-QAM	1852.5	-0.30	1 / 0	17.86	17.56	0.057	33.01	-15.45
10 MHz	QPSK	1855.0	-0.30	1 / 0	22.50	22.20	0.166	33.01	-10.81
		1880.0	-0.30	1 / 49	22.70	22.40	0.174	33.01	-10.61
		1905.0	-0.30	1 / 49	22.56	22.26	0.168	33.01	-10.75
	16-QAM	1905.0	-0.30	1 / 0	21.98	21.68	0.147	33.01	-11.33
	64-QAM	1855.0	-0.30	1 / 49	20.91	20.61	0.115	33.01	-12.40
	256-QAM	1880.0	-0.30	1 / 49	17.98	17.68	0.059	33.01	-15.33
15 MHz	QPSK	1857.5	-0.30	1 / 74	22.53	22.23	0.167	33.01	-10.78
		1880.0	-0.30	1 / 0	22.68	22.38	0.173	33.01	-10.63
		1902.5	-0.30	1 / 0	22.39	22.09	0.162	33.01	-10.92
	16-QAM	1880.0	-0.30	1 / 0	21.96	21.66	0.147	33.01	-11.35
	64-QAM	1857.5	-0.30	1 / 74	20.79	20.49	0.112	33.01	-12.52
	256-QAM	1902.5	-0.30	1 / 74	17.78	17.48	0.056	33.01	-15.53
20 MHz	QPSK	1860.0	-0.30	1 / 0	22.54	22.24	0.167	33.01	-10.77
		1880.0	-0.30	1 / 0	22.36	22.06	0.161	33.01	-10.95
		1900.0	-0.30	1 / 0	22.62	22.32	0.171	33.01	-10.69
	16-QAM	1880.0	-0.30	1 / 0	22.18	21.88	0.154	33.01	-11.13
	64-QAM	1880.0	-0.30	1 / 0	21.13	20.83	0.121	33.01	-12.18
	256-QAM	1860.0	-0.30	1 / 0	17.82	17.52	0.056	33.01	-15.49


Table 7-8. Antenna 1 EIRP Data (LTE Band 2)

FCC ID: BCGA2926		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device	Page 180 of 216

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	π/2 BPSK	1852.5	-0.30	1 / 12	22.36	22.06	0.161	33.01	-10.95
		1882.5	-0.30	1 / 1	22.50	22.20	0.166	33.01	-10.81
		1912.5	-0.30	1 / 12	22.53	22.23	0.167	33.01	-10.78
	QPSK	1852.5	-0.30	1 / 1	22.43	22.13	0.163	33.01	-10.88
		1882.5	-0.30	1 / 1	22.56	22.26	0.168	33.01	-10.75
		1912.5	-0.30	1 / 23	22.67	22.37	0.173	33.01	-10.64
		1912.5	-0.30	1 / 1	21.82	21.52	0.142	33.01	-11.49
64-QAM	1912.5	-0.30	1 / 1	20.03	19.73	0.094	33.01	-13.28	
256-QAM	1912.5	-0.30	1 / 1	18.15	17.85	0.061	33.01	-15.16	
10 MHz	π/2 BPSK	1855.0	-0.30	1 / 1	22.57	22.27	0.169	33.01	-10.74
		1882.5	-0.30	1 / 1	22.64	22.34	0.171	33.01	-10.67
		1910.0	-0.30	1 / 50	22.58	22.28	0.169	33.01	-10.73
	QPSK	1855.0	-0.30	1 / 25	22.53	22.23	0.167	33.01	-10.78
		1882.5	-0.30	1 / 1	22.58	22.28	0.169	33.01	-10.73
		1910.0	-0.30	1 / 50	22.61	22.31	0.170	33.01	-10.70
	16-QAM	1882.5	-0.30	1 / 50	22.02	21.72	0.148	33.01	-11.29
64-QAM	1910.0	-0.30	1 / 1	20.21	19.91	0.098	33.01	-13.10	
256-QAM	1855.0	-0.30	1 / 25	18.29	17.99	0.063	33.01	-15.02	
15 MHz	π/2 BPSK	1857.5	-0.30	1 / 1	22.56	22.26	0.168	33.01	-10.76
		1882.5	-0.30	1 / 1	22.56	22.26	0.168	33.01	-10.75
		1907.5	-0.30	1 / 1	22.53	22.23	0.167	33.01	-10.78
	QPSK	1857.5	-0.30	1 / 1	22.67	22.37	0.173	33.01	-10.64
		1882.5	-0.30	1 / 77	22.63	22.33	0.171	33.01	-10.68
		1907.5	-0.30	1 / 1	22.57	22.27	0.169	33.01	-10.74
	16-QAM	1857.5	-0.30	1 / 1	21.70	21.40	0.138	33.01	-11.61
64-QAM	1857.5	-0.30	1 / 1	20.27	19.97	0.099	33.01	-13.04	
256-QAM	1857.5	-0.30	1 / 77	18.20	17.90	0.062	33.01	-15.11	
20 MHz	π/2 BPSK	1860.0	-0.30	1 / 1	22.61	22.31	0.170	33.01	-10.70
		1882.5	-0.30	1 / 1	22.56	22.26	0.168	33.01	-10.75
		1905.0	-0.30	1 / 50	22.66	22.36	0.172	33.01	-10.65
	QPSK	1860.0	-0.30	1 / 1	22.64	22.34	0.172	33.01	-10.67
		1882.5	-0.30	1 / 1	22.64	22.34	0.171	33.01	-10.67
		1905.0	-0.30	1 / 104	22.63	22.33	0.171	33.01	-10.68
	16-QAM	1882.5	-0.30	1 / 104	21.78	21.48	0.140	33.01	-11.53
64-QAM	1860.0	-0.30	1 / 1	20.09	19.79	0.095	33.01	-13.22	
256-QAM	1882.5	-0.30	1 / 104	18.17	17.87	0.061	33.01	-15.14	
25 MHz	π/2 BPSK	1862.5	-0.30	1 / 131	22.52	22.22	0.167	33.01	-10.79
		1882.5	-0.30	1 / 64	22.62	22.32	0.171	33.01	-10.69
		1902.5	-0.30	1 / 64	22.66	22.36	0.172	33.01	-10.65
	QPSK	1862.5	-0.30	1 / 1	22.63	22.33	0.171	33.01	-10.68
		1882.5	-0.30	1 / 131	22.62	22.32	0.171	33.01	-10.69
		1902.5	-0.30	1 / 1	22.68	22.38	0.173	33.01	-10.63
	16-QAM	1862.5	-0.30	1 / 131	21.64	21.34	0.136	33.01	-11.67
64-QAM	1902.5	-0.30	1 / 131	20.38	20.08	0.102	33.01	-12.93	
256-QAM	1902.5	-0.30	1 / 64	18.32	18.02	0.063	33.01	-14.99	
30 MHz	π/2 BPSK	1865.0	-0.30	1 / 158	22.67	22.37	0.173	33.01	-10.64
		1882.5	-0.30	1 / 80	22.58	22.28	0.169	33.01	-10.73
		1900.0	-0.30	1 / 80	22.58	22.28	0.169	33.01	-10.73
	QPSK	1865.0	-0.30	1 / 158	22.59	22.29	0.169	33.01	-10.72
		1882.5	-0.30	1 / 158	22.69	22.39	0.173	33.01	-10.62
		1900.0	-0.30	1 / 158	22.63	22.33	0.171	33.01	-10.68
	16-QAM	1882.5	-0.30	1 / 158	21.83	21.53	0.142	33.01	-11.48
64-QAM	1900.0	-0.30	1 / 80	20.45	20.15	0.104	33.01	-12.86	
256-QAM	1865.0	-0.30	1 / 158	18.23	17.93	0.062	33.01	-15.08	
35 MHz	π/2 BPSK	1867.5	-0.30	1 / 93	22.59	22.29	0.169	33.01	-10.72
		1882.5	-0.30	1 / 93	22.69	22.39	0.173	33.01	-10.62
		1897.5	-0.30	1 / 93	22.63	22.33	0.171	33.01	-10.68
	QPSK	1867.5	-0.30	1 / 1	22.62	22.32	0.171	33.01	-10.69
		1882.5	-0.30	1 / 1	22.43	22.13	0.163	33.01	-10.88
		1897.5	-0.30	1 / 1	22.58	22.28	0.169	33.01	-10.73
	16-QAM	1867.5	-0.30	1 / 1	21.75	21.45	0.140	33.01	-11.56
64-QAM	1897.5	-0.30	1 / 186	20.56	20.26	0.106	33.01	-12.75	
256-QAM	1882.5	-0.30	1 / 93	18.32	18.02	0.063	33.01	-14.99	
40 MHz	π/2 BPSK	1870.0	-0.30	1 / 214	22.62	22.32	0.171	33.01	-10.69
		1882.5	-0.30	1 / 214	22.55	22.25	0.168	33.01	-10.76
		1895.0	-0.30	1 / 214	22.60	22.30	0.170	33.01	-10.71
	QPSK	1870.0	-0.30	1 / 214	22.64	22.34	0.171	33.01	-10.67
		1882.5	-0.30	1 / 108	22.67	22.37	0.173	33.01	-10.64
		1895.0	-0.30	1 / 1	22.59	22.29	0.169	33.01	-10.72
	16-QAM	1895.0	-0.30	1 / 214	21.97	21.67	0.147	33.01	-11.34
64-QAM	1882.5	-0.30	1 / 214	20.48	20.18	0.104	33.01	-12.83	
256-QAM	1870.0	-0.30	1 / 214	18.44	18.14	0.065	33.01	-14.87	


Table 7-9. Antenna 1 EIRP Data (NR Band n25)

FCC ID: BCGA2926		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device	Page 181 of 216

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 / 1	22.46	22.16	0.164	33.01	-10.85
		1880.0	-0.30	1 / 1	22.51	22.21	0.166	33.01	-10.80
		1907.5	-0.30	1 / 1	22.47	22.17	0.165	33.01	-10.84
	QPSK	1852.5	-0.30	1 / 1	22.53	22.23	0.167	33.01	-10.78
		1880.0	-0.30	1 / 1	22.69	22.39	0.173	33.01	-10.62
		1907.5	-0.30	1 / 1	22.53	22.23	0.167	33.01	-10.78
	16-QAM	1880.0	-0.30	1 / 12	21.68	21.38	0.137	33.01	-11.63
	64-QAM	1880.0	-0.30	1 / 12	20.12	19.82	0.096	33.01	-13.19
256-QAM	1880.0	-0.30	1 / 1	17.87	17.57	0.057	33.01	-15.44	
10 MHz	π/2 BPSK	1855.0	-0.30	1 / 1	22.53	22.23	0.167	33.01	-10.78
		1880.0	-0.30	1 / 25	22.57	22.27	0.169	33.01	-10.74
		1905.0	-0.30	1 / 1	22.58	22.28	0.169	33.01	-10.73
	QPSK	1855.0	-0.30	1 / 1	22.58	22.28	0.169	33.01	-10.73
		1880.0	-0.30	1 / 25	22.62	22.32	0.171	33.01	-10.69
		1905.0	-0.30	1 / 25	22.58	22.28	0.169	33.01	-10.73
	16-QAM	1905.0	-0.30	1 / 50	21.78	21.48	0.141	33.01	-11.53
	64-QAM	1905.0	-0.30	1 / 1	20.17	19.87	0.097	33.01	-13.14
256-QAM	1880.0	-0.30	1 / 50	18.26	17.96	0.063	33.01	-15.05	
15 MHz	π/2 BPSK	1857.5	-0.30	1 / 1	22.67	22.37	0.173	33.01	-10.64
		1880.0	-0.30	1 / 36	22.68	22.38	0.173	33.01	-10.63
		1902.5	-0.30	1 / 1	22.61	22.31	0.170	33.01	-10.70
	QPSK	1857.5	-0.30	1 / 36	22.69	22.39	0.173	33.01	-10.62
		1880.0	-0.30	1 / 77	22.67	22.37	0.173	33.01	-10.64
		1902.5	-0.30	1 / 1	22.64	22.34	0.172	33.01	-10.67
	16-QAM	1857.5	-0.30	1 / 1	21.84	21.54	0.143	33.01	-11.47
	64-QAM	1857.5	-0.30	1 / 1	20.20	19.90	0.098	33.01	-13.11
256-QAM	1902.5	-0.30	1 / 1	18.21	17.91	0.062	33.01	-15.10	
20 MHz	π/2 BPSK	1860.0	-0.30	1 / 50	22.68	22.38	0.173	33.01	-10.63
		1880.0	-0.30	1 / 104	22.59	22.29	0.169	33.01	-10.72
		1900.0	-0.30	1 / 1	22.59	22.29	0.169	33.01	-10.72
	QPSK	1860.0	-0.30	1 / 104	22.67	22.37	0.173	33.01	-10.64
		1880.0	-0.30	1 / 50	22.65	22.35	0.172	33.01	-10.66
		1900.0	-0.30	1 / 104	22.60	22.30	0.170	33.01	-10.71
	16-QAM	1900.0	-0.30	1 / 50	21.73	21.43	0.139	33.01	-11.58
	64-QAM	1860.0	-0.30	1 / 50	20.24	19.94	0.099	33.01	-13.07
256-QAM	1860.0	-0.30	1 / 1	18.23	17.93	0.062	33.01	-15.08	


Table 7-10. Antenna 1 EIRP Data (NR Band n2)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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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	22.58	-0.30	22.28	0.169	33.01	-10.73
1880.00	WCDMA1900	22.55	-0.30	22.25	0.168	33.01	-10.76
1907.60	WCDMA1900	22.68	-0.30	22.38	0.173	33.01	-10.63

Table 7-11. Antenna 1 EIRP Data (WCDMA PCS)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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7.6.3 Antenna 3 – 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	0.10	1 / 0	25.20	25.30	0.339	33.01	-7.71
		1882.5	0.10	1 / 3	25.07	25.17	0.329	33.01	-7.84
		1914.3	0.10	1 / 0	25.19	25.29	0.338	33.01	-7.72
	16-QAM	1914.3	0.10	1 / 0	24.47	24.57	0.286	33.01	-8.44
	64-QAM	1850.7	0.10	1 / 5	23.39	23.49	0.223	33.01	-9.52
	256-QAM	1850.7	0.10	1 / 0	20.39	20.49	0.112	33.01	-12.52
3 MHz	QPSK	1851.5	0.10	1 / 0	25.14	25.24	0.334	33.01	-7.77
		1882.5	0.10	1 / 0	25.04	25.14	0.327	33.01	-7.87
		1913.5	0.10	1 / 0	24.91	25.01	0.317	33.01	-8.00
	16-QAM	1851.5	0.10	1 / 0	24.49	24.59	0.288	33.01	-8.42
	64-QAM	1882.5	0.10	1 / 0	23.36	23.46	0.222	33.01	-9.55
	256-QAM	1851.5	0.10	1 / 0	20.36	20.46	0.111	33.01	-12.55
5 MHz	QPSK	1852.5	0.10	1 / 0	25.20	25.30	0.339	33.01	-7.71
		1882.5	0.10	1 / 0	25.17	25.27	0.337	33.01	-7.74
		1912.5	0.10	1 / 0	25.12	25.22	0.333	33.01	-7.79
	16-QAM	1852.5	0.10	1 / 0	24.65	24.75	0.299	33.01	-8.26
	64-QAM	1912.5	0.10	1 / 0	23.40	23.50	0.224	33.01	-9.51
	256-QAM	1852.5	0.10	1 / 24	20.46	20.56	0.114	33.01	-12.45
10 MHz	QPSK	1855.0	0.10	1 / 49	25.19	25.29	0.338	33.01	-7.72
		1882.5	0.10	1 / 49	25.08	25.18	0.330	33.01	-7.83
		1910.0	0.10	1 / 49	24.89	24.99	0.316	33.01	-8.02
	16-QAM	1855.0	0.10	1 / 49	24.51	24.61	0.289	33.01	-8.40
	64-QAM	1855.0	0.10	1 / 25	23.33	23.43	0.220	33.01	-9.58
	256-QAM	1882.5	0.10	1 / 0	20.28	20.38	0.109	33.01	-12.63
15 MHz	QPSK	1857.5	0.10	1 / 0	25.10	25.20	0.331	33.01	-7.81
		1882.5	0.10	1 / 37	24.98	25.08	0.322	33.01	-7.93
		1907.5	0.10	1 / 0	24.93	25.03	0.318	33.01	-7.98
	16-QAM	1857.5	0.10	1 / 0	24.58	24.68	0.294	33.01	-8.33
	64-QAM	1857.5	0.10	1 / 0	23.35	23.45	0.221	33.01	-9.56
	256-QAM	1857.5	0.10	1 / 37	20.31	20.41	0.110	33.01	-12.60
20 MHz	QPSK	1860.0	0.10	1 / 0	25.12	25.22	0.333	33.01	-7.79
		1882.5	0.10	1 / 0	25.02	25.12	0.325	33.01	-7.89
		1905.0	0.10	1 / 0	24.96	25.06	0.321	33.01	-7.95
	16-QAM	1905.0	0.10	1 / 0	24.69	24.79	0.301	33.01	-8.22
	64-QAM	1905.0	0.10	1 / 0	23.52	23.62	0.230	33.01	-9.39
	256-QAM	1882.5	0.10	1 / 0	20.40	20.50	0.112	33.01	-12.51


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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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LTE Band 2

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	0.10	1 / 0	25.19	25.29	0.338	33.01	-7.72
		1880.0	0.10	1 / 0	25.10	25.20	0.331	33.01	-7.81
		1909.3	0.10	1 / 0	25.14	25.24	0.334	33.01	-7.77
	16-QAM	1880.0	0.10	1 / 0	24.43	24.53	0.284	33.01	-8.48
	64-QAM	1850.7	0.10	1 / 0	23.47	23.57	0.228	33.01	-9.44
	256-QAM	1850.7	0.10	1 / 3	20.38	20.48	0.112	33.01	-12.53
3 MHz	QPSK	1851.5	0.10	1 / 0	25.20	25.30	0.339	33.01	-7.71
		1880.0	0.10	1 / 0	25.01	25.11	0.324	33.01	-7.90
		1908.5	0.10	1 / 0	24.87	24.97	0.314	33.01	-8.04
	16-QAM	1851.5	0.10	1 / 0	24.34	24.44	0.278	33.01	-8.57
	64-QAM	1880.0	0.10	1 / 0	23.32	23.42	0.220	33.01	-9.59
	256-QAM	1880.0	0.10	1 / 0	20.40	20.50	0.112	33.01	-12.51
5 MHz	QPSK	1852.5	0.10	1 / 0	25.20	25.30	0.339	33.01	-7.71
		1880.0	0.10	1 / 0	25.07	25.17	0.329	33.01	-7.84
		1907.5	0.10	1 / 0	25.10	25.20	0.331	33.01	-7.81
	16-QAM	1880.0	0.10	1 / 0	24.54	24.64	0.291	33.01	-8.37
	64-QAM	1880.0	0.10	1 / 0	23.41	23.51	0.224	33.01	-9.50
	256-QAM	1852.5	0.10	1 / 0	20.49	20.59	0.115	33.01	-12.42
10 MHz	QPSK	1855.0	0.10	1 / 25	25.17	25.27	0.337	33.01	-7.74
		1880.0	0.10	1 / 49	25.06	25.16	0.328	33.01	-7.85
		1905.0	0.10	1 / 0	24.88	24.98	0.315	33.01	-8.03
	16-QAM	1855.0	0.10	1 / 0	24.48	24.58	0.287	33.01	-8.43
	64-QAM	1880.0	0.10	1 / 49	23.37	23.47	0.222	33.01	-9.54
	256-QAM	1855.0	0.10	1 / 0	20.46	20.56	0.114	33.01	-12.45
15 MHz	QPSK	1857.5	0.10	1 / 0	25.08	25.18	0.330	33.01	-7.83
		1880.0	0.10	1 / 74	25.00	25.10	0.324	33.01	-7.91
		1902.5	0.10	1 / 0	24.92	25.02	0.318	33.01	-7.99
	16-QAM	1857.5	0.10	1 / 0	24.48	24.58	0.287	33.01	-8.43
	64-QAM	1857.5	0.10	1 / 0	23.32	23.42	0.220	33.01	-9.59
	256-QAM	1857.5	0.10	1 / 0	20.44	20.54	0.113	33.01	-12.47
20 MHz	QPSK	1860.0	0.10	1 / 0	25.03	25.13	0.326	33.01	-7.88
		1880.0	0.10	1 / 0	24.96	25.06	0.321	33.01	-7.95
		1900.0	0.10	1 / 0	24.91	25.01	0.317	33.01	-8.00
	16-QAM	1880.0	0.10	1 / 0	24.42	24.52	0.283	33.01	-8.49
	64-QAM	1900.0	0.10	1 / 0	23.50	23.60	0.229	33.01	-9.41
	256-QAM	1880.0	0.10	1 / 0	20.28	20.38	0.109	33.01	-12.63


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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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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	π/2 BPSK	1852.5	0.10	1 / 1	25.02	25.12	0.325	33.01	-7.89
		1882.5	0.10	1 / 1	25.03	25.13	0.326	33.01	-7.88
		1912.5	0.10	1 / 12	24.82	24.92	0.310	33.01	-8.09
	QPSK	1852.5	0.10	1 / 1	25.02	25.12	0.325	33.01	-7.89
		1882.5	0.10	1 / 12	25.18	25.28	0.337	33.01	-7.73
		1912.5	0.10	1 / 23	24.90	25.00	0.316	33.01	-8.01
		16-QAM	1912.5	0.10	1 / 23	24.57	24.67	0.293	33.01
64-QAM	1852.5	0.10	1 / 23	23.14	23.24	0.211	33.01	-9.77	
256-QAM	1882.5	0.10	1 / 1	20.91	21.01	0.126	33.01	-12.00	
10 MHz	π/2 BPSK	1855.0	0.10	1 / 1	25.15	25.25	0.335	33.01	-7.76
		1882.5	0.10	1 / 1	25.17	25.27	0.337	33.01	-7.74
		1910.0	0.10	1 / 50	25.14	25.24	0.334	33.01	-7.77
	QPSK	1855.0	0.10	1 / 25	25.13	25.23	0.333	33.01	-7.78
		1882.5	0.10	1 / 50	25.17	25.27	0.337	33.01	-7.74
		1910.0	0.10	1 / 25	25.06	25.16	0.328	33.01	-7.85
	16-QAM	1855.0	0.10	1 / 50	24.85	24.95	0.313	33.01	-8.06
64-QAM	1855.0	0.10	1 / 1	23.50	23.60	0.229	33.01	-9.41	
256-QAM	1910.0	0.10	1 / 50	21.27	21.37	0.137	33.01	-11.64	
15 MHz	π/2 BPSK	1857.5	0.10	1 / 1	25.02	25.12	0.325	33.01	-7.89
		1882.5	0.10	1 / 1	25.17	25.27	0.337	33.01	-7.74
		1907.5	0.10	1 / 1	24.99	25.09	0.323	33.01	-7.92
	QPSK	1857.5	0.10	1 / 1	25.10	25.20	0.331	33.01	-7.81
		1882.5	0.10	1 / 1	25.17	25.27	0.337	33.01	-7.74
		1907.5	0.10	1 / 36	25.02	25.12	0.325	33.01	-7.89
	16-QAM	1882.5	0.10	1 / 1	24.76	24.86	0.306	33.01	-8.15
64-QAM	1882.5	0.10	1 / 1	23.41	23.51	0.224	33.01	-9.50	
256-QAM	1907.5	0.10	1 / 1	21.27	21.37	0.137	33.01	-11.64	
20 MHz	π/2 BPSK	1860.0	0.10	1 / 104	25.00	25.10	0.324	33.01	-7.91
		1882.5	0.10	1 / 50	25.20	25.30	0.339	33.01	-7.71
		1905.0	0.10	1 / 50	24.99	25.09	0.323	33.01	-7.92
	QPSK	1860.0	0.10	1 / 1	25.02	25.12	0.325	33.01	-7.89
		1882.5	0.10	1 / 50	25.06	25.16	0.328	33.01	-7.85
		1905.0	0.10	1 / 1	24.97	25.07	0.321	33.01	-7.94
	16-QAM	1882.5	0.10	1 / 1	24.67	24.77	0.300	33.01	-8.24
64-QAM	1860.0	0.10	1 / 50	23.33	23.43	0.220	33.01	-9.58	
256-QAM	1905.0	0.10	1 / 1	21.02	21.12	0.129	33.01	-11.89	
25 MHz	π/2 BPSK	1862.5	0.10	1 / 131	25.08	25.18	0.330	33.01	-7.83
		1882.5	0.10	1 / 131	25.10	25.20	0.331	33.01	-7.81
		1902.5	0.10	1 / 64	25.01	25.11	0.324	33.01	-7.90
	QPSK	1862.5	0.10	1 / 131	25.16	25.26	0.336	33.01	-7.75
		1882.5	0.10	1 / 1	25.20	25.30	0.339	33.01	-7.71
		1902.5	0.10	1 / 1	25.05	25.15	0.327	33.01	-7.86
	16-QAM	1862.5	0.10	1 / 1	24.73	24.83	0.304	33.01	-8.18
64-QAM	1882.5	0.10	1 / 131	23.53	23.63	0.231	33.01	-9.38	
256-QAM	1882.5	0.10	1 / 1	21.02	21.12	0.129	33.01	-11.89	
30 MHz	π/2 BPSK	1865.0	0.10	1 / 1	25.13	25.23	0.333	33.01	-7.78
		1882.5	0.10	1 / 158	25.10	25.20	0.331	33.01	-7.81
		1900.0	0.10	1 / 1	25.18	25.28	0.337	33.01	-7.73
	QPSK	1865.0	0.10	1 / 158	25.10	25.20	0.331	33.01	-7.81
		1882.5	0.10	1 / 80	25.09	25.19	0.330	33.01	-7.82
		1900.0	0.10	1 / 158	25.07	25.17	0.329	33.01	-7.84
	16-QAM	1900.0	0.10	1 / 158	24.79	24.89	0.308	33.01	-8.12
64-QAM	1882.5	0.10	1 / 1	23.06	23.16	0.207	33.01	-9.85	
256-QAM	1865.0	0.10	1 / 1	21.13	21.23	0.133	33.01	-11.78	
35 MHz	π/2 BPSK	1867.5	0.10	1 / 93	25.14	25.24	0.334	33.01	-7.77
		1882.5	0.10	1 / 93	25.11	25.21	0.332	33.01	-7.80
		1897.5	0.10	1 / 93	25.11	25.21	0.332	33.01	-7.80
	QPSK	1867.5	0.10	1 / 1	25.13	25.23	0.333	33.01	-7.78
		1882.5	0.10	1 / 1	25.05	25.15	0.327	33.01	-7.86
		1897.5	0.10	1 / 1	25.09	25.19	0.330	33.01	-7.82
	16-QAM	1882.5	0.10	1 / 1	24.62	24.72	0.296	33.01	-8.29
64-QAM	1867.5	0.10	1 / 186	23.36	23.46	0.222	33.01	-9.55	
256-QAM	1882.5	0.10	1 / 93	21.20	21.30	0.135	33.01	-11.71	
40 MHz	π/2 BPSK	1870.0	0.10	1 / 108	25.07	25.17	0.329	33.01	-7.84
		1882.5	0.10	1 / 108	25.04	25.14	0.327	33.01	-7.87
		1895.0	0.10	1 / 108	25.11	25.21	0.332	33.01	-7.80
	QPSK	1870.0	0.10	1 / 108	25.06	25.16	0.328	33.01	-7.85
		1882.5	0.10	1 / 214	25.18	25.28	0.337	33.01	-7.73
		1895.0	0.10	1 / 1	25.16	25.26	0.336	33.01	-7.75
	16-QAM	1895.0	0.10	1 / 108	24.73	24.83	0.304	33.01	-8.18
64-QAM	1870.0	0.10	1 / 108	23.33	23.43	0.220	33.01	-9.58	
256-QAM	1882.5	0.10	1 / 214	21.16	21.26	0.134	33.01	-11.75	


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

FCC ID: BCGA2926		PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device	Page 186 of 216

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	0.10	1 / 12	25.07	25.17	0.329	33.01	-7.84
		1880.0	0.10	1 / 12	25.09	25.19	0.330	33.01	-7.82
		1907.5	0.10	1 / 1	25.07	25.17	0.329	33.01	-7.84
	QPSK	1852.5	0.10	1 / 1	25.19	25.29	0.338	33.01	-7.72
		1880.0	0.10	1 / 12	25.11	25.21	0.332	33.01	-7.80
		1907.5	0.10	1 / 1	25.09	25.19	0.330	33.01	-7.82
	16-QAM	1880.0	0.10	1 / 1	24.82	24.92	0.310	33.01	-8.09
	64-QAM	1852.5	0.10	1 / 1	23.40	23.50	0.224	33.01	-9.51
256-QAM	1880.0	0.10	1 / 1	21.11	21.21	0.132	33.01	-11.80	
10 MHz	π/2 BPSK	1855.0	0.10	1 / 25	25.06	25.16	0.328	33.01	-7.85
		1880.0	0.10	1 / 25	25.13	25.23	0.333	33.01	-7.78
		1905.0	0.10	1 / 25	25.07	25.17	0.329	33.01	-7.84
	QPSK	1855.0	0.10	1 / 1	25.01	25.11	0.324	33.01	-7.90
		1880.0	0.10	1 / 25	25.12	25.22	0.333	33.01	-7.79
		1905.0	0.10	1 / 1	25.10	25.20	0.331	33.01	-7.81
	16-QAM	1905.0	0.10	1 / 1	24.69	24.79	0.301	33.01	-8.22
	64-QAM	1880.0	0.10	1 / 1	23.38	23.48	0.223	33.01	-9.53
256-QAM	1855.0	0.10	1 / 25	21.24	21.34	0.136	33.01	-11.67	
15 MHz	π/2 BPSK	1857.5	0.10	1 / 77	25.08	25.18	0.330	33.01	-7.83
		1880.0	0.10	1 / 1	25.12	25.22	0.333	33.01	-7.79
		1902.5	0.10	1 / 1	24.99	25.09	0.323	33.01	-7.92
	QPSK	1857.5	0.10	1 / 1	25.17	25.27	0.337	33.01	-7.74
		1880.0	0.10	1 / 1	25.14	25.24	0.334	33.01	-7.77
		1902.5	0.10	1 / 77	25.10	25.20	0.331	33.01	-7.81
	16-QAM	1880.0	0.10	1 / 1	24.96	25.06	0.321	33.01	-7.95
	64-QAM	1857.5	0.10	1 / 36	23.35	23.45	0.221	33.01	-9.56
256-QAM	1902.5	0.10	1 / 1	21.17	21.27	0.134	33.01	-11.74	
20 MHz	π/2 BPSK	1860.0	0.10	1 / 104	25.13	25.23	0.333	33.01	-7.78
		1880.0	0.10	1 / 50	25.16	25.26	0.336	33.01	-7.75
		1900.0	0.10	1 / 1	25.03	25.13	0.326	33.01	-7.88
	QPSK	1860.0	0.10	1 / 104	25.18	25.28	0.337	33.01	-7.73
		1880.0	0.10	1 / 1	25.14	25.24	0.334	33.01	-7.77
		1900.0	0.10	1 / 50	25.08	25.18	0.330	33.01	-7.83
	16-QAM	1860.0	0.10	1 / 104	24.95	25.05	0.320	33.01	-7.96
	64-QAM	1860.0	0.10	1 / 1	23.32	23.42	0.220	33.01	-9.59
256-QAM	1900.0	0.10	1 / 1	21.20	21.30	0.135	33.01	-11.71	


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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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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	25.15	0.10	25.25	0.335	33.01	-7.76
1880.00	WCDMA1900	25.10	0.10	25.20	0.331	33.01	-7.81
1907.60	WCDMA1900	25.03	0.10	25.13	0.326	33.01	-7.88

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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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7.6.4 Antenna 2b – 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	-1.10	1 / 5	22.67	21.57	0.144	33.01	-11.44
		1882.5	-1.10	1 / 0	22.62	21.52	0.142	33.01	-11.49
		1914.3	-1.10	1 / 0	22.50	21.40	0.138	33.01	-11.61
	16-QAM	1914.3	-1.10	1 / 5	21.90	20.80	0.120	33.01	-12.21
	64-QAM	1850.7	-1.10	1 / 3	20.82	19.72	0.094	33.01	-13.29
	256-QAM	1882.5	-1.10	1 / 0	17.68	16.58	0.045	33.01	-16.43
3 MHz	QPSK	1851.5	-1.10	1 / 7	22.48	21.38	0.137	33.01	-11.63
		1882.5	-1.10	1 / 0	22.62	21.52	0.142	33.01	-11.49
		1913.5	-1.10	1 / 0	22.53	21.43	0.139	33.01	-11.58
	16-QAM	1851.5	-1.10	1 / 0	21.99	20.89	0.123	33.01	-12.12
	64-QAM	1851.5	-1.10	1 / 0	20.98	19.88	0.097	33.01	-13.13
	256-QAM	1851.5	-1.10	1 / 0	17.91	16.81	0.048	33.01	-16.20
5 MHz	QPSK	1852.5	-1.10	1 / 0	22.68	21.58	0.144	33.01	-11.43
		1882.5	-1.10	1 / 0	22.67	21.57	0.144	33.01	-11.44
		1912.5	-1.10	1 / 0	22.45	21.35	0.136	33.01	-11.66
	16-QAM	1882.5	-1.10	1 / 0	22.14	21.04	0.127	33.01	-11.97
	64-QAM	1882.5	-1.10	1 / 24	21.00	19.90	0.098	33.01	-13.11
	256-QAM	1852.5	-1.10	1 / 0	17.85	16.75	0.047	33.01	-16.26
10 MHz	QPSK	1855.0	-1.10	1 / 49	22.50	21.40	0.138	33.01	-11.61
		1882.5	-1.10	1 / 0	22.63	21.53	0.142	33.01	-11.48
		1910.0	-1.10	1 / 49	22.47	21.37	0.137	33.01	-11.64
	16-QAM	1910.0	-1.10	1 / 49	22.02	20.92	0.124	33.01	-12.09
	64-QAM	1855.0	-1.10	1 / 0	20.80	19.70	0.093	33.01	-13.31
	256-QAM	1882.5	-1.10	1 / 0	17.81	16.71	0.047	33.01	-16.30
15 MHz	QPSK	1857.5	-1.10	1 / 0	22.62	21.52	0.142	33.01	-11.49
		1882.5	-1.10	1 / 74	22.66	21.56	0.143	33.01	-11.45
		1907.5	-1.10	1 / 0	22.44	21.34	0.136	33.01	-11.67
	16-QAM	1907.5	-1.10	1 / 0	21.90	20.80	0.120	33.01	-12.21
	64-QAM	1857.5	-1.10	1 / 0	20.95	19.85	0.097	33.01	-13.16
	256-QAM	1882.5	-1.10	1 / 74	17.89	16.79	0.048	33.01	-16.22
20 MHz	QPSK	1860.0	-1.10	1 / 0	22.62	21.52	0.142	33.01	-11.49
		1882.5	-1.10	1 / 0	22.36	21.26	0.134	33.01	-11.75
		1905.0	-1.10	1 / 0	22.65	21.55	0.143	33.01	-11.46
	16-QAM	1882.5	-1.10	1 / 0	22.32	21.22	0.132	33.01	-11.79
	64-QAM	1905.0	-1.10	1 / 0	21.00	19.90	0.098	33.01	-13.11
	256-QAM	1860.0	-1.10	1 / 0	17.77	16.67	0.046	33.01	-16.34


Table 7-17. Antenna 2b EIRP Data (LTE Band 25)

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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LTE Band 2

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	-1.10	1 / 0	22.68	21.58	0.144	33.01	-11.43
		1880.0	-1.10	1 / 0	22.64	21.54	0.143	33.01	-11.47
		1909.3	-1.10	1 / 0	22.50	21.40	0.138	33.01	-11.61
	16-QAM	1880.0	-1.10	1 / 0	21.93	20.83	0.121	33.01	-12.18
	64-QAM	1850.7	-1.10	1 / 0	20.89	19.79	0.095	33.01	-13.22
	256-QAM	1850.7	-1.10	1 / 0	17.75	16.65	0.046	33.01	-16.36
3 MHz	QPSK	1851.5	-1.10	1 / 0	22.54	21.44	0.139	33.01	-11.57
		1880.0	-1.10	1 / 0	22.62	21.52	0.142	33.01	-11.49
		1908.5	-1.10	1 / 0	22.52	21.42	0.139	33.01	-11.59
	16-QAM	1908.5	-1.10	1 / 0	22.01	20.91	0.123	33.01	-12.10
	64-QAM	1851.5	-1.10	1 / 0	20.95	19.85	0.097	33.01	-13.16
	256-QAM	1851.5	-1.10	1 / 0	17.87	16.77	0.048	33.01	-16.24
5 MHz	QPSK	1852.5	-1.10	1 / 0	22.65	21.55	0.143	33.01	-11.46
		1880.0	-1.10	1 / 0	22.69	21.59	0.144	33.01	-11.42
		1907.5	-1.10	1 / 0	22.47	21.37	0.137	33.01	-11.64
	16-QAM	1852.5	-1.10	1 / 0	21.96	20.86	0.122	33.01	-12.15
	64-QAM	1852.5	-1.10	1 / 0	20.85	19.75	0.094	33.01	-13.26
	256-QAM	1852.5	-1.10	1 / 12	17.73	16.63	0.046	33.01	-16.38
10 MHz	QPSK	1855.0	-1.10	1 / 0	22.46	21.36	0.137	33.01	-11.65
		1880.0	-1.10	1 / 49	22.62	21.52	0.142	33.01	-11.49
		1905.0	-1.10	1 / 49	22.50	21.40	0.138	33.01	-11.61
	16-QAM	1905.0	-1.10	1 / 49	22.02	20.92	0.124	33.01	-12.09
	64-QAM	1855.0	-1.10	1 / 0	20.88	19.78	0.095	33.01	-13.23
	256-QAM	1880.0	-1.10	1 / 0	17.81	16.71	0.047	33.01	-16.30
15 MHz	QPSK	1857.5	-1.10	1 / 0	22.58	21.48	0.141	33.01	-11.53
		1880.0	-1.10	1 / 0	22.59	21.49	0.141	33.01	-11.52
		1902.5	-1.10	1 / 0	22.43	21.33	0.136	33.01	-11.68
	16-QAM	1902.5	-1.10	1 / 0	21.89	20.79	0.120	33.01	-12.22
	64-QAM	1857.5	-1.10	1 / 37	20.89	19.79	0.095	33.01	-13.22
	256-QAM	1880.0	-1.10	1 / 74	17.78	16.68	0.047	33.01	-16.33
20 MHz	QPSK	1860.0	-1.10	1 / 0	22.54	21.44	0.139	33.01	-11.57
		1880.0	-1.10	1 / 0	22.32	21.22	0.132	33.01	-11.79
		1900.0	-1.10	1 / 0	22.60	21.50	0.141	33.01	-11.51
	16-QAM	1900.0	-1.10	1 / 0	22.23	21.13	0.130	33.01	-11.88
	64-QAM	1900.0	-1.10	1 / 0	21.15	20.05	0.101	33.01	-12.96
	256-QAM	1880.0	-1.10	1 / 0	17.88	16.78	0.048	33.01	-16.23


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

FCC ID: BCGA2926	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-08.BCG	Test Dates: 10/1/2023 - 3/20/2024	EUT Type: Tablet Device
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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	π/2 BPSK	1852.5	-1.10	1 / 23	22.49	21.39	0.138	33.01	-11.62
		1882.5	-1.10	1 / 1	22.63	21.53	0.142	33.01	-11.48
		1912.5	-1.10	1 / 1	22.49	21.39	0.138	33.01	-11.62
	QPSK	1852.5	-1.10	1 / 23	22.55	21.45	0.140	33.01	-11.56
		1882.5	-1.10	1 / 23	22.67	21.57	0.144	33.01	-11.44
		1912.5	-1.10	1 / 23	22.58	21.48	0.141	33.01	-11.53
		1882.5	-1.10	1 / 23	21.61	20.51	0.112	33.01	-12.50
16-QAM	1882.5	-1.10	1 / 12	20.08	18.98	0.079	33.01	-14.03	
256-QAM	1882.5	-1.10	1 / 1	18.05	16.95	0.050	33.01	-16.06	
10 MHz	π/2 BPSK	1855.0	-1.10	1 / 1	22.45	21.35	0.136	33.01	-11.66
		1882.5	-1.10	1 / 1	22.56	21.46	0.140	33.01	-11.55
		1910.0	-1.10	1 / 25	22.50	21.40	0.138	33.01	-11.61
	QPSK	1855.0	-1.10	1 / 1	22.45	21.35	0.136	33.01	-11.66
		1882.5	-1.10	1 / 1	22.63	21.53	0.142	33.01	-11.48
		1910.0	-1.10	1 / 1	22.64	21.54	0.143	33.01	-11.47
	16-QAM	1855.0	-1.10	1 / 25	21.66	20.56	0.114	33.01	-12.45
64-QAM	1882.5	-1.10	1 / 50	20.17	19.07	0.081	33.01	-13.94	
256-QAM	1882.5	-1.10	1 / 25	18.18	17.08	0.051	33.01	-15.93	
15 MHz	π/2 BPSK	1857.5	-1.10	1 / 77	22.58	21.48	0.141	33.01	-11.53
		1882.5	-1.10	1 / 1	22.64	21.54	0.143	33.01	-11.47
		1907.5	-1.10	1 / 1	22.54	21.44	0.139	33.01	-11.57
	QPSK	1857.5	-1.10	1 / 36	22.68	21.58	0.144	33.01	-11.43
		1882.5	-1.10	1 / 36	22.61	21.51	0.142	33.01	-11.50
		1907.5	-1.10	1 / 1	22.60	21.50	0.141	33.01	-11.51
	16-QAM	1882.5	-1.10	1 / 77	21.71	20.61	0.115	33.01	-12.40
64-QAM	1882.5	-1.10	1 / 77	20.19	19.09	0.081	33.01	-13.92	
256-QAM	1882.5	-1.10	1 / 1	18.10	17.00	0.050	33.01	-16.01	
20 MHz	π/2 BPSK	1860.0	-1.10	1 / 1	22.57	21.47	0.140	33.01	-11.54
		1882.5	-1.10	1 / 1	22.62	21.52	0.142	33.01	-11.49
		1905.0	-1.10	1 / 1	22.62	21.52	0.142	33.01	-11.49
	QPSK	1860.0	-1.10	1 / 50	22.61	21.51	0.142	33.01	-11.50
		1882.5	-1.10	1 / 104	22.62	21.52	0.142	33.01	-11.49
		1905.0	-1.10	1 / 50	22.69	21.59	0.144	33.01	-11.42
	16-QAM	1860.0	-1.10	1 / 104	21.81	20.71	0.118	33.01	-12.30
64-QAM	1882.5	-1.10	1 / 104	20.30	19.20	0.083	33.01	-13.81	
256-QAM	1882.5	-1.10	1 / 104	18.23	17.13	0.052	33.01	-15.88	
25 MHz	π/2 BPSK	1862.5	-1.10	1 / 131	22.60	21.50	0.141	33.01	-11.51
		1882.5	-1.10	1 / 131	22.66	21.56	0.143	33.01	-11.45
		1902.5	-1.10	1 / 1	22.58	21.48	0.141	33.01	-11.53
	QPSK	1862.5	-1.10	1 / 131	22.59	21.49	0.141	33.01	-11.52
		1882.5	-1.10	1 / 1	22.64	21.54	0.143	33.01	-11.47
		1902.5	-1.10	1 / 1	22.67	21.57	0.144	33.01	-11.44
	16-QAM	1862.5	-1.10	1 / 131	21.75	20.65	0.116	33.01	-12.36
64-QAM	1882.5	-1.10	1 / 64	20.33	19.23	0.084	33.01	-13.78	
256-QAM	1882.5	-1.10	1 / 131	18.25	17.15	0.052	33.01	-15.86	
30 MHz	π/2 BPSK	1865.0	-1.10	1 / 1	22.59	21.49	0.141	33.01	-11.52
		1882.5	-1.10	1 / 158	22.66	21.56	0.143	33.01	-11.45
		1900.0	-1.10	1 / 158	22.68	21.58	0.144	33.01	-11.43
	QPSK	1865.0	-1.10	1 / 1	22.56	21.46	0.140	33.01	-11.55
		1882.5	-1.10	1 / 158	22.58	21.48	0.141	33.01	-11.53
		1900.0	-1.10	1 / 80	22.64	21.54	0.143	33.01	-11.47
	16-QAM	1865.0	-1.10	1 / 158	21.92	20.82	0.121	33.01	-12.19
64-QAM	1900.0	-1.10	1 / 80	20.24	19.14	0.082	33.01	-13.87	
256-QAM	1900.0	-1.10	1 / 158	18.27	17.17	0.052	33.01	-15.84	
35 MHz	π/2 BPSK	1867.5	-1.10	1 / 1	22.55	21.45	0.140	33.01	-11.56
		1882.5	-1.10	1 / 93	22.62	21.52	0.142	33.01	-11.49
		1897.5	-1.10	1 / 1	22.67	21.57	0.144	33.01	-11.44
	QPSK	1867.5	-1.10	1 / 1	22.55	21.45	0.140	33.01	-11.56
		1882.5	-1.10	1 / 1	22.57	21.47	0.140	33.01	-11.54
		1897.5	-1.10	1 / 1	22.59	21.49	0.141	33.01	-11.52
	16-QAM	1882.5	-1.10	1 / 1	21.74	20.64	0.116	33.01	-12.37
64-QAM	1882.5	-1.10	1 / 186	20.44	19.34	0.086	33.01	-13.67	
256-QAM	1867.5	-1.10	1 / 93	18.42	17.32	0.054	33.01	-15.69	
40 MHz	π/2 BPSK	1870.0	-1.10	1 / 108	22.70	21.60	0.145	33.01	-11.41
		1882.5	-1.10	1 / 108	22.66	21.56	0.143	33.01	-11.45
		1895.0	-1.10	1 / 214	22.55	21.45	0.140	33.01	-11.56
	QPSK	1870.0	-1.10	1 / 108	22.62	21.52	0.142	33.01	-11.49
		1882.5	-1.10	1 / 214	22.58	21.48	0.141	33.01	-11.53
		1895.0	-1.10	1 / 108	22.64	21.54	0.143	33.01	-11.47
	16-QAM	1882.5	-1.10	1 / 108	21.81	20.71	0.118	33.01	-12.30
64-QAM	1895.0	-1.10	1 / 214	20.36	19.26	0.084	33.01	-13.75	
256-QAM	1882.5	-1.10	1 / 214	18.43	17.33	0.054	33.01	-15.68	


Table 7-19. Antenna 2b EIRP Data (NR Band n25)

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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	-1.10	1 / 1	22.47	21.37	0.137	33.01	-11.64
		1880.0	-1.10	1 / 1	22.62	21.52	0.142	33.01	-11.49
		1907.5	-1.10	1 / 1	22.61	21.51	0.142	33.01	-11.50
	QPSK	1852.5	-1.10	1 / 1	22.55	21.45	0.140	33.01	-11.56
		1880.0	-1.10	1 / 12	22.65	21.55	0.143	33.01	-11.46
		1907.5	-1.10	1 / 1	22.65	21.55	0.143	33.01	-11.46
	16-QAM	1852.5	-1.10	1 / 12	21.78	20.68	0.117	33.01	-12.33
	64-QAM	1880.0	-1.10	1 / 12	20.45	19.35	0.086	33.01	-13.66
256-QAM	1907.5	-1.10	1 / 12	18.18	17.08	0.051	33.01	-15.93	
10 MHz	π/2 BPSK	1855.0	-1.10	1 / 1	22.49	21.39	0.138	33.01	-11.62
		1880.0	-1.10	1 / 1	22.60	21.50	0.141	33.01	-11.51
		1905.0	-1.10	1 / 25	22.64	21.54	0.143	33.01	-11.47
	QPSK	1855.0	-1.10	1 / 1	22.62	21.52	0.142	33.01	-11.49
		1880.0	-1.10	1 / 1	22.68	21.58	0.144	33.01	-11.43
		1905.0	-1.10	1 / 50	22.58	21.48	0.141	33.01	-11.53
	16-QAM	1855.0	-1.10	1 / 25	21.84	20.74	0.119	33.01	-12.27
	64-QAM	1880.0	-1.10	1 / 50	20.41	19.31	0.085	33.01	-13.70
256-QAM	1880.0	-1.10	1 / 25	18.16	17.06	0.051	33.01	-15.95	
15 MHz	π/2 BPSK	1857.5	-1.10	1 / 77	22.47	21.37	0.137	33.01	-11.64
		1880.0	-1.10	1 / 1	22.58	21.48	0.141	33.01	-11.53
		1902.5	-1.10	1 / 36	22.53	21.43	0.139	33.01	-11.58
	QPSK	1857.5	-1.10	1 / 1	22.53	21.43	0.139	33.01	-11.58
		1880.0	-1.10	1 / 36	22.69	21.59	0.144	33.01	-11.42
		1902.5	-1.10	1 / 1	22.59	21.49	0.141	33.01	-11.52
	16-QAM	1857.5	-1.10	1 / 36	21.85	20.75	0.119	33.01	-12.26
	64-QAM	1857.5	-1.10	1 / 36	20.37	19.27	0.085	33.01	-13.74
256-QAM	1902.5	-1.10	1 / 36	18.22	17.12	0.052	33.01	-15.89	
20 MHz	π/2 BPSK	1860.0	-1.10	1 / 104	22.51	21.41	0.138	33.01	-11.60
		1880.0	-1.10	1 / 50	22.62	21.52	0.142	33.01	-11.49
		1900.0	-1.10	1 / 1	22.57	21.47	0.140	33.01	-11.54
	QPSK	1860.0	-1.10	1 / 50	22.54	21.44	0.139	33.01	-11.57
		1880.0	-1.10	1 / 50	22.66	21.56	0.143	33.01	-11.45
		1900.0	-1.10	1 / 50	22.66	21.56	0.143	33.01	-11.45
	16-QAM	1860.0	-1.10	1 / 104	21.89	20.79	0.120	33.01	-12.22
	64-QAM	1880.0	-1.10	1 / 50	20.17	19.07	0.081	33.01	-13.94
256-QAM	1880.0	-1.10	1 / 50	18.14	17.04	0.051	33.01	-15.97	


Table 7-20. Antenna 2b 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	22.59	-1.10	21.49	0.141	33.01	-11.52
1880.00	WCDMA1900	22.62	-1.10	21.52	0.142	33.01	-11.49
1907.60	WCDMA1900	22.69	-1.10	21.59	0.144	33.01	-11.42

Table 7-21. Antenna 2b 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.

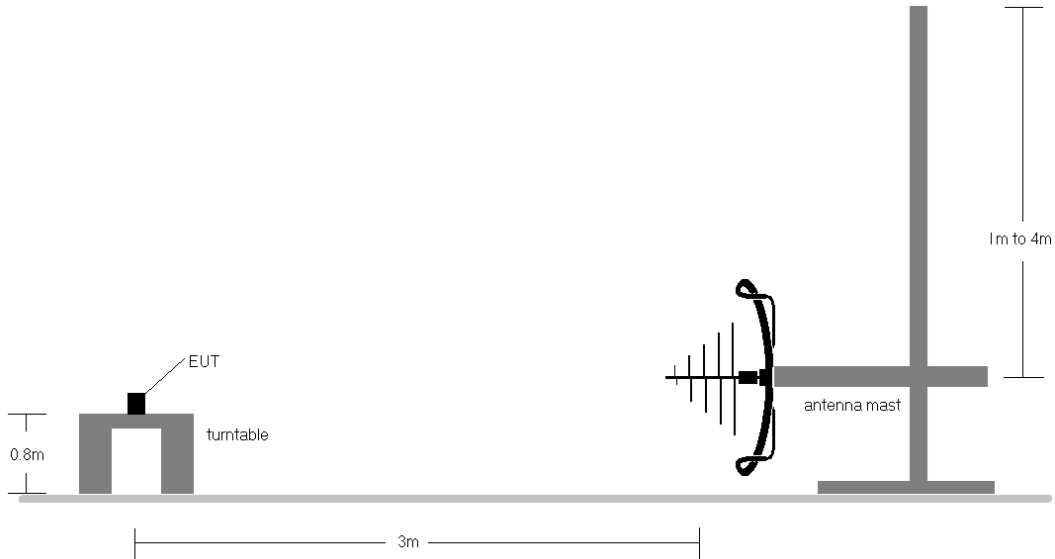


Figure 7-6. Test Instrument & Measurement Setup < 1GHz

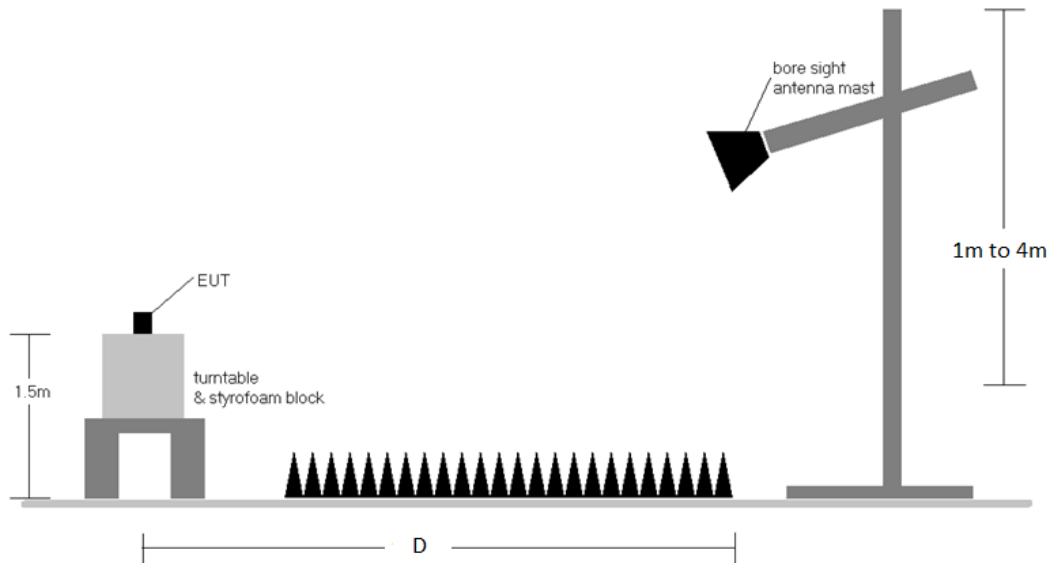




Figure 7-7. Test Instrument & Measurement Setup >1 GHz

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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. NR band n25 overlaps the entire frequency range of NR band 2. Therefore, the radiated emissions data of NR band n25 provided in this report covers NR band n2.

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