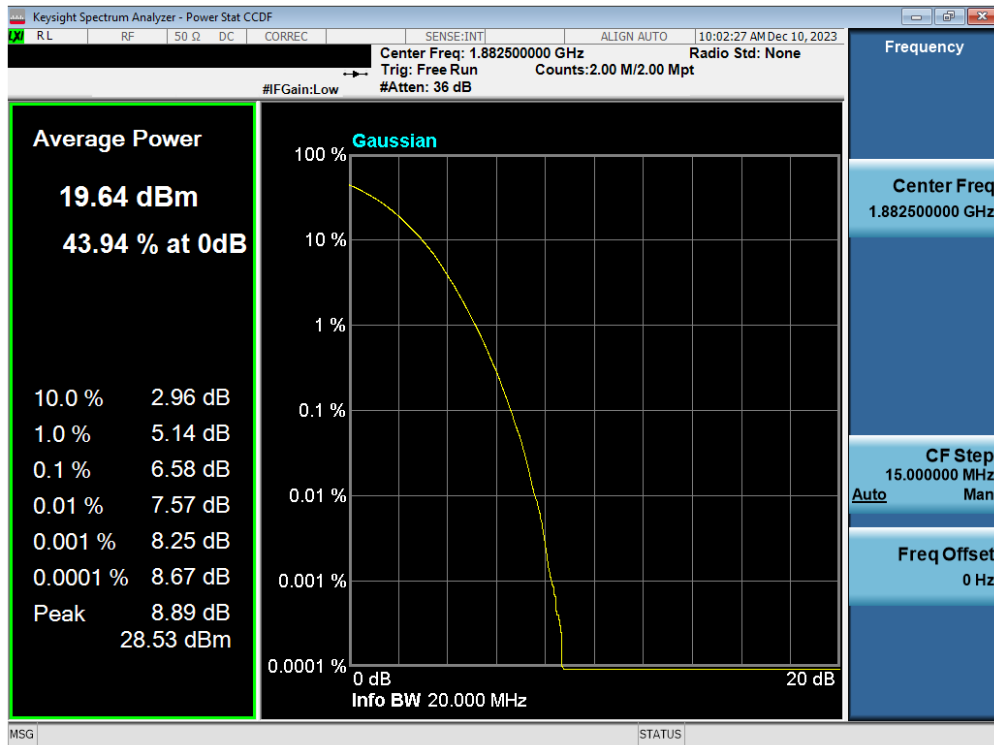


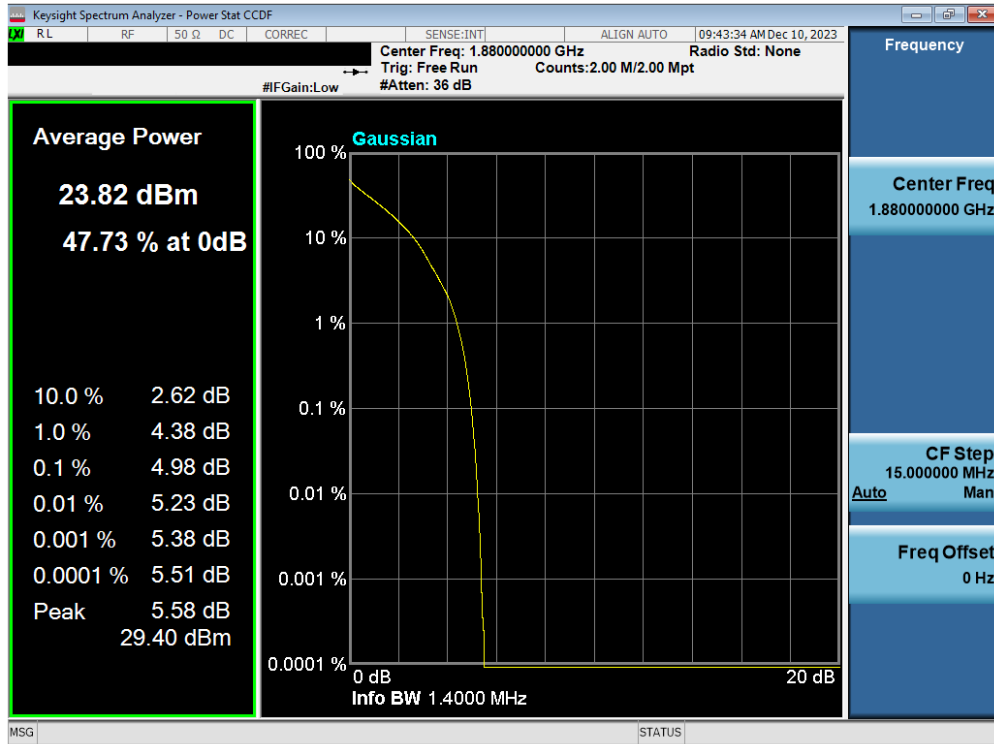
Plot 7-215. PAR Plot (LTE Band 25 - 20MHz 64-QAM - Full RB Configuration)



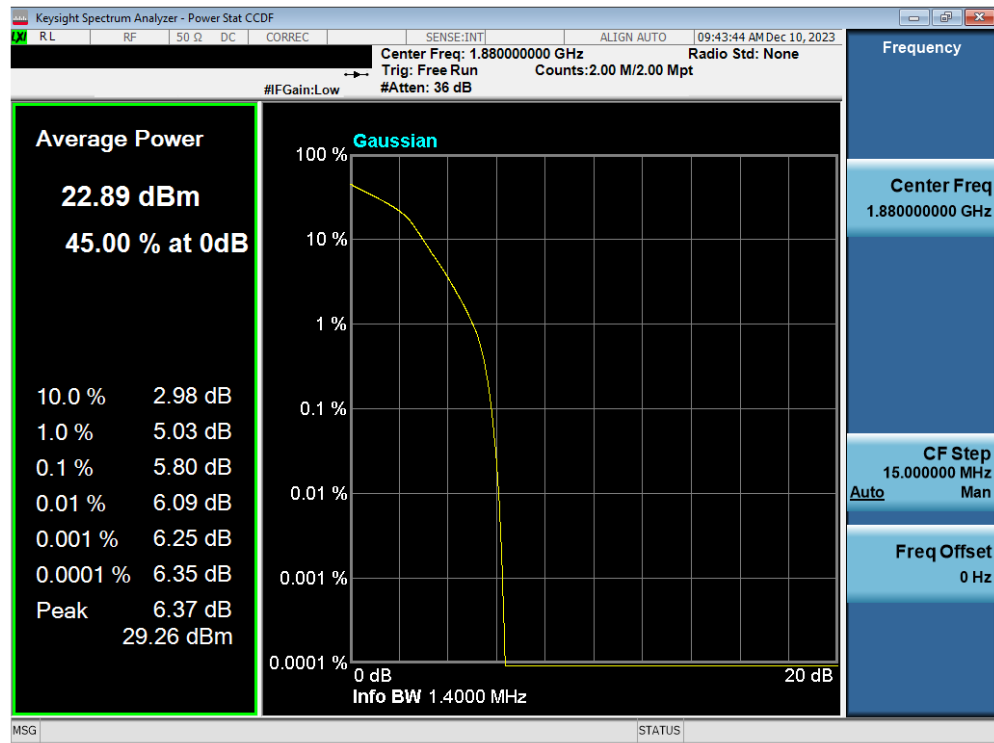
Plot 7-216. PAR Plot (LTE Band 25 - 20MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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LTE Band 2



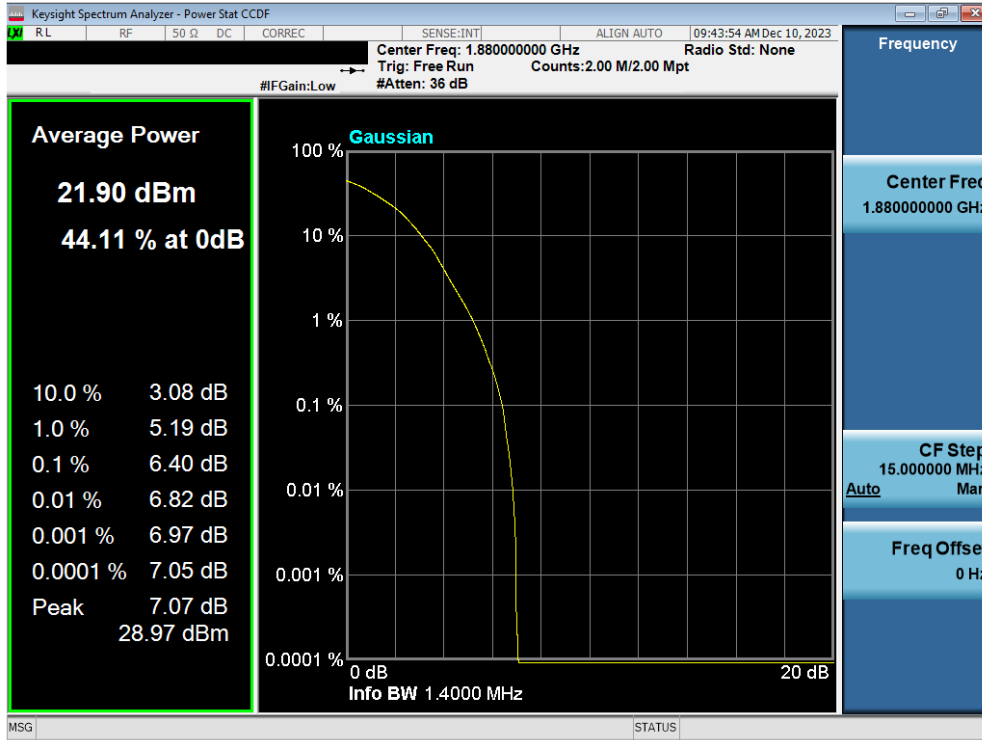
Plot 7-217. PAR Plot (LTE Band 2 - 1.4MHz QPSK - Full RB Configuration)



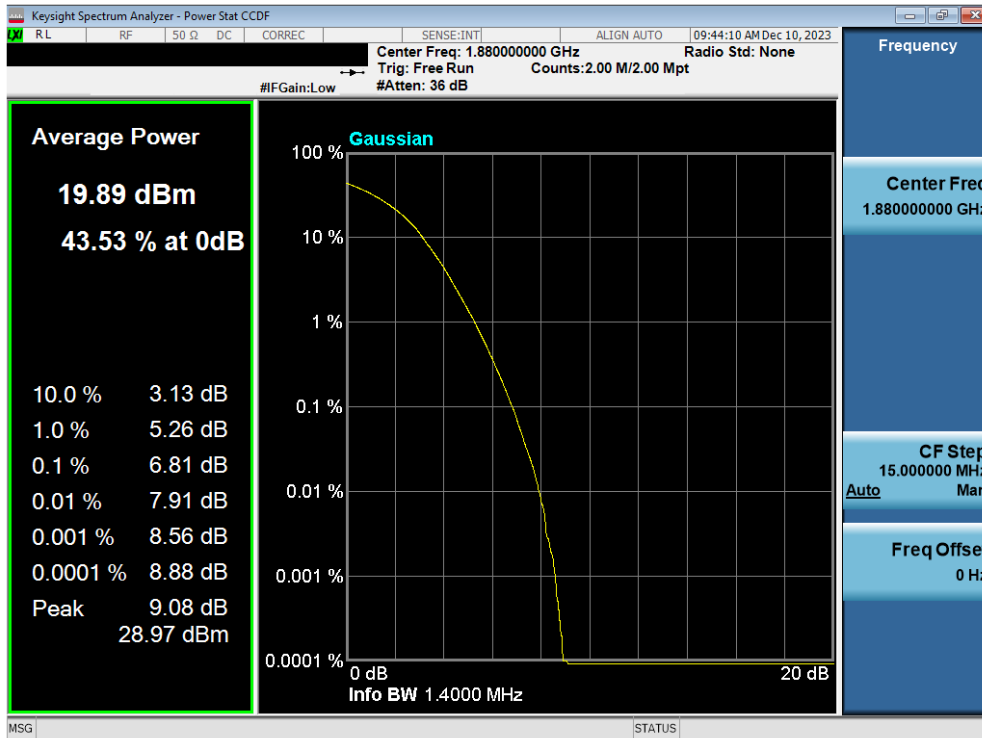
Plot 7-218. PAR Plot (LTE Band 2 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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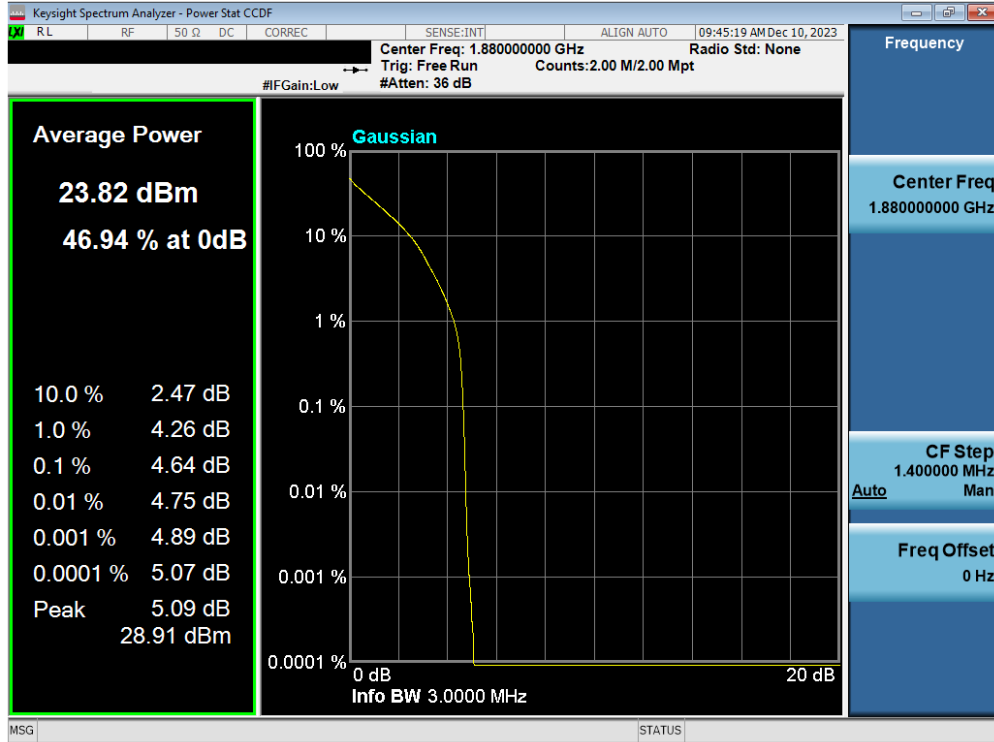


Plot 7-219. PAR Plot (LTE Band 2 - 1.4MHz 64-QAM - Full RB Configuration)

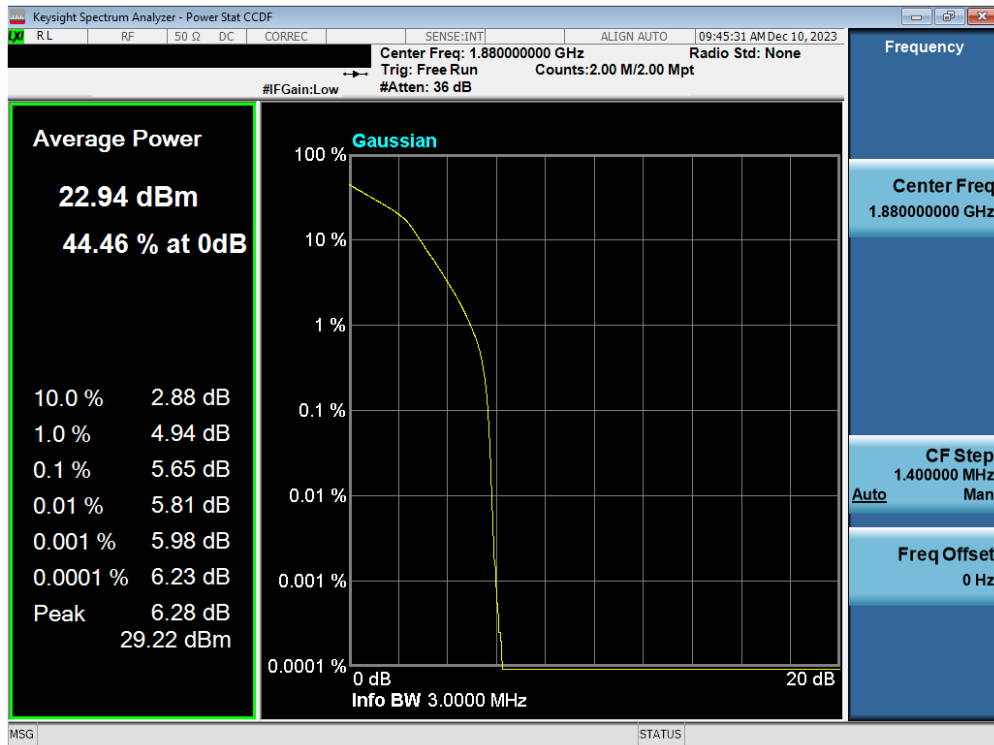


Plot 7-220. PAR Plot (LTE Band 2 - 1.4MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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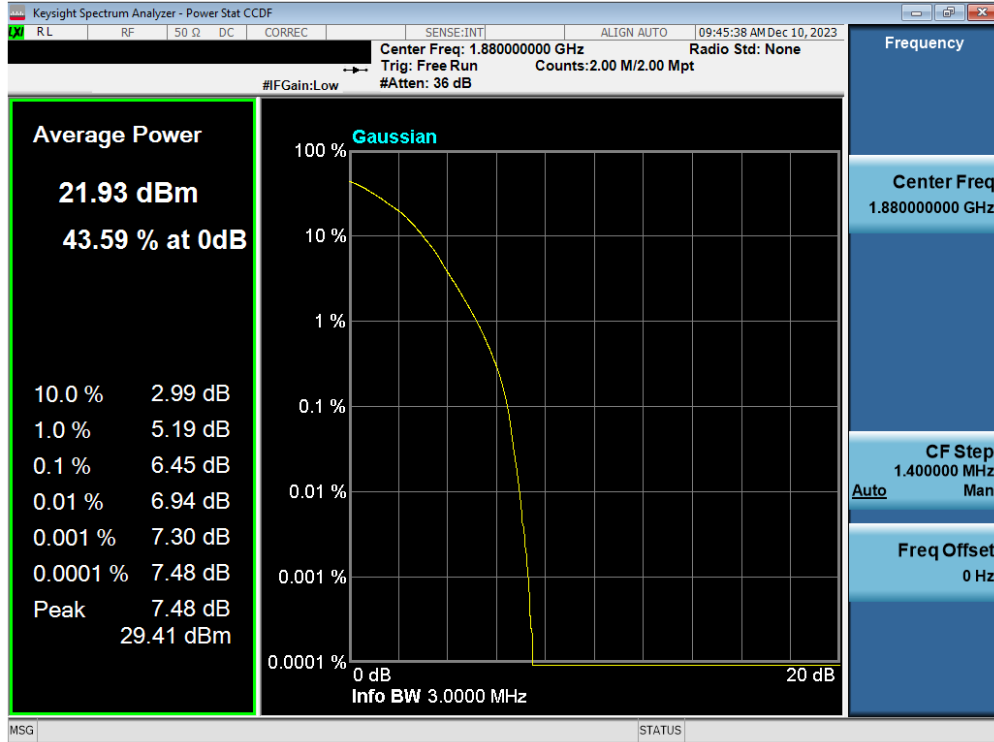


Plot 7-221. PAR Plot (LTE Band 2 - 3MHz QPSK - Full RB Configuration)

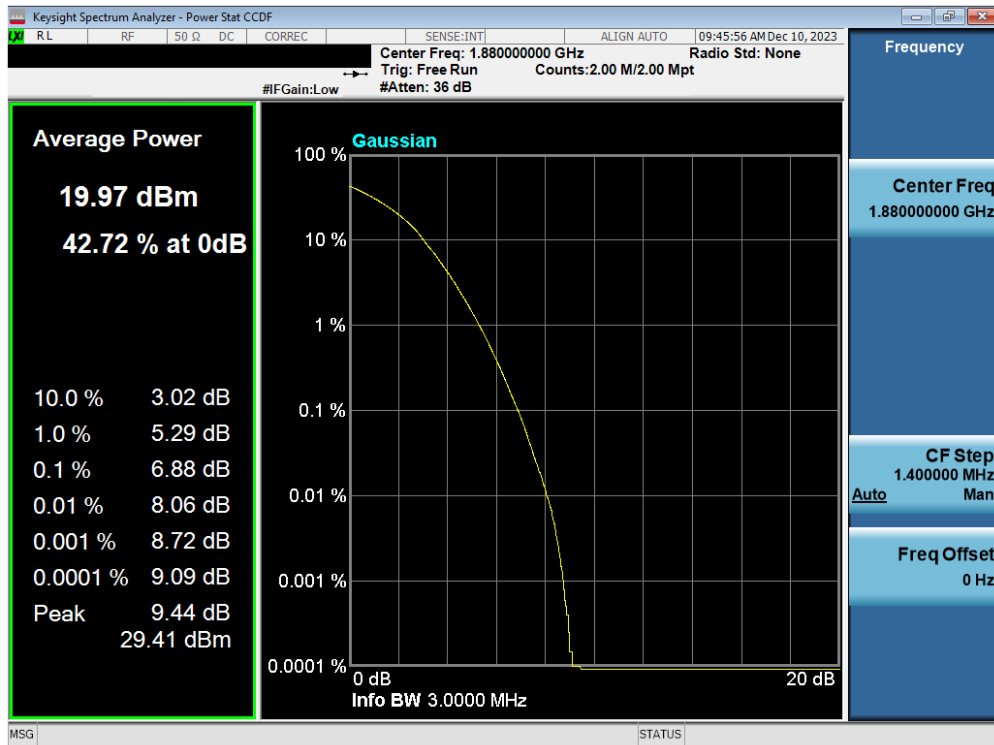


Plot 7-222. PAR Plot (LTE Band 2 - 3MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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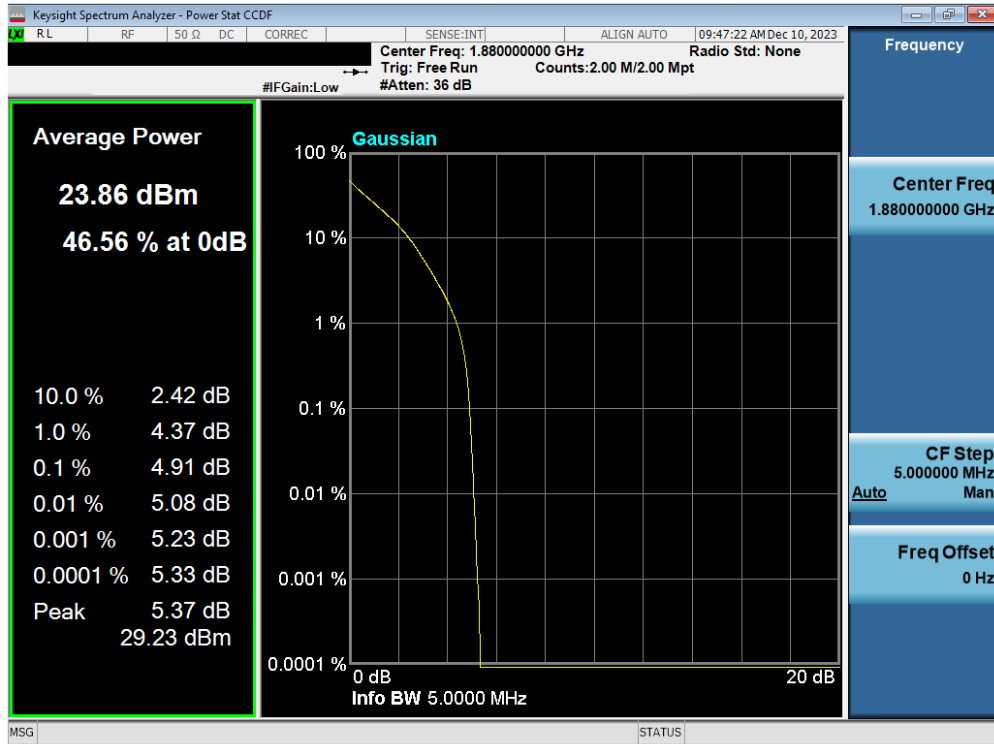


Plot 7-223. PAR Plot (LTE Band 2 - 3MHz 64-QAM - Full RB Configuration)

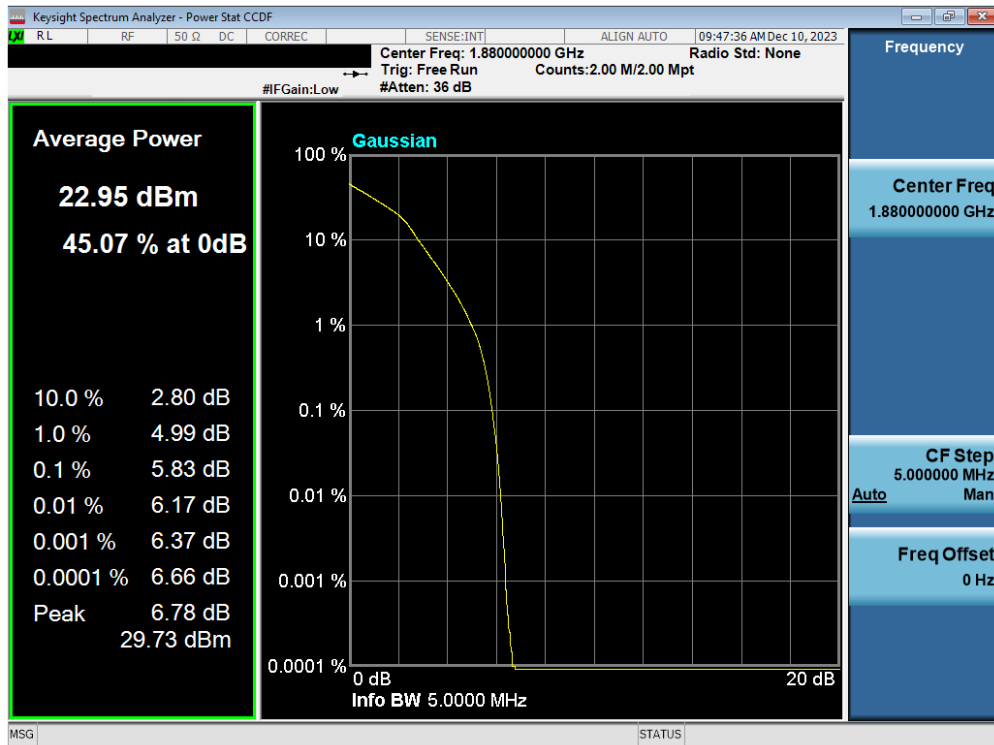


Plot 7-224. PAR Plot (LTE Band 2 - 3MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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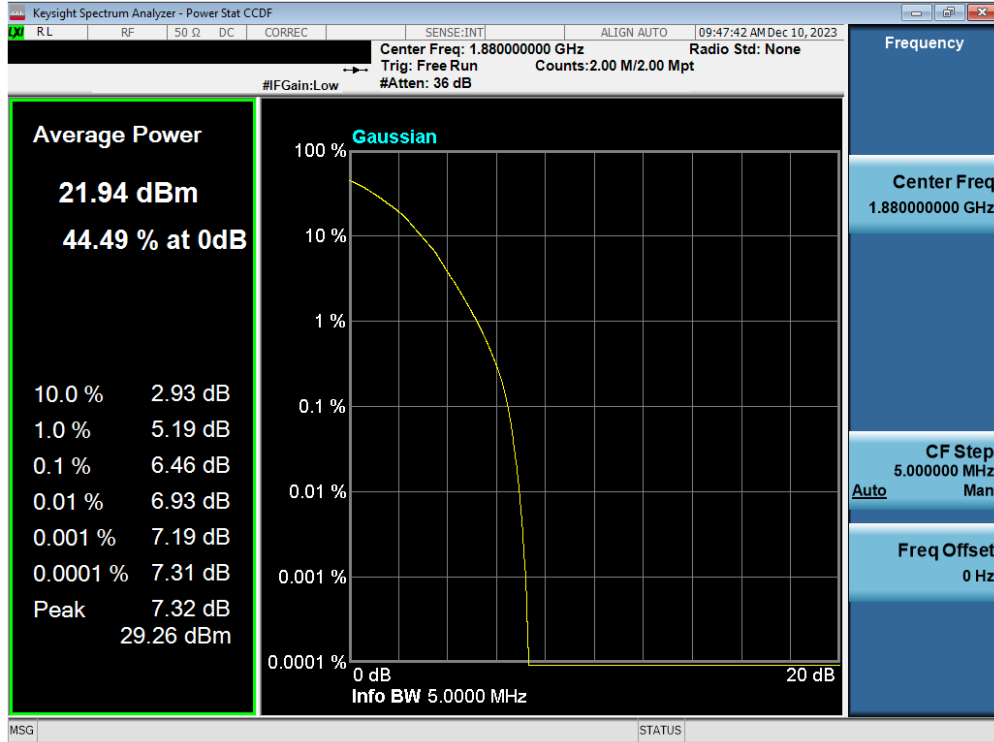


Plot 7-225. PAR Plot (LTE Band 2 - 5MHz QPSK - Full RB Configuration)

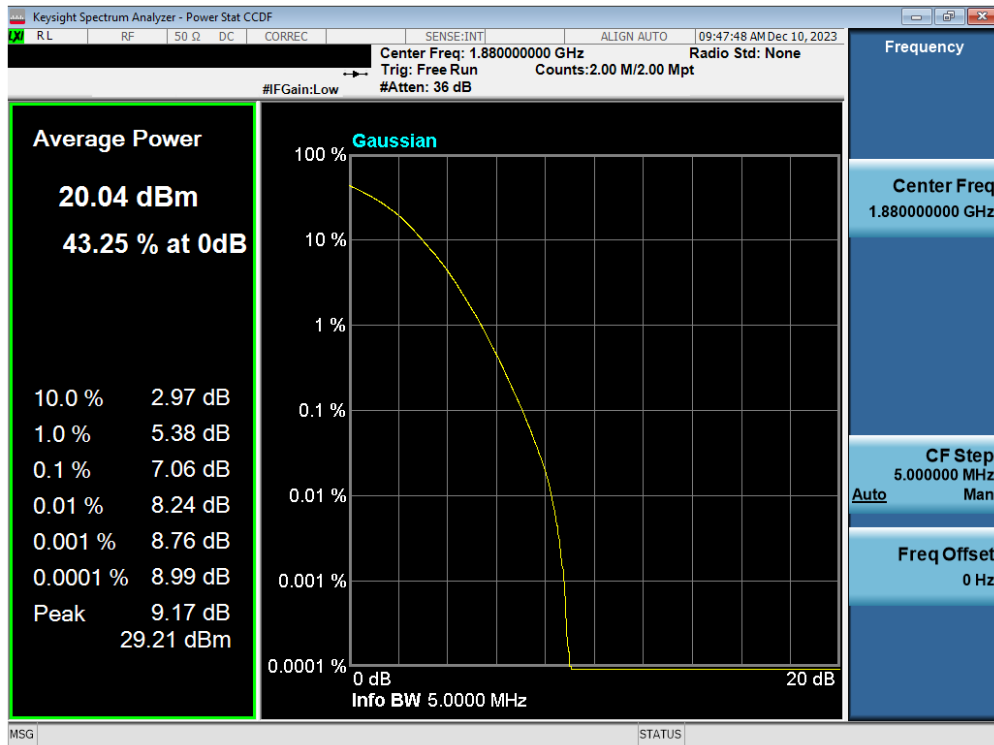


Plot 7-226. PAR Plot (LTE Band 2 - 5MHz 16-QAM - Full RB Configuration)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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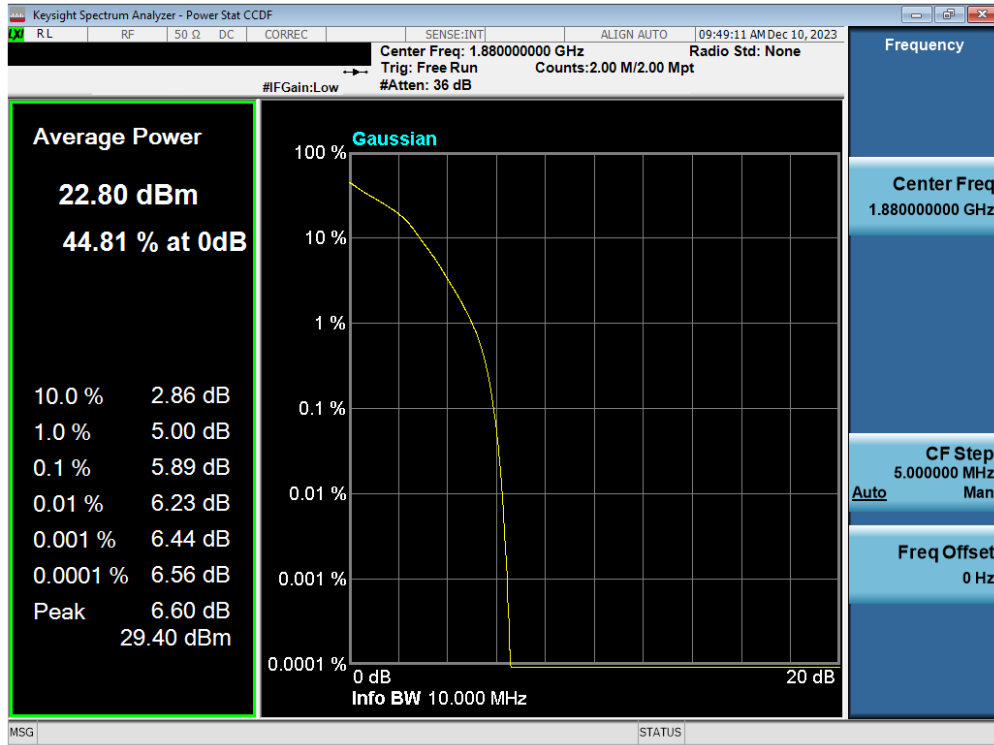
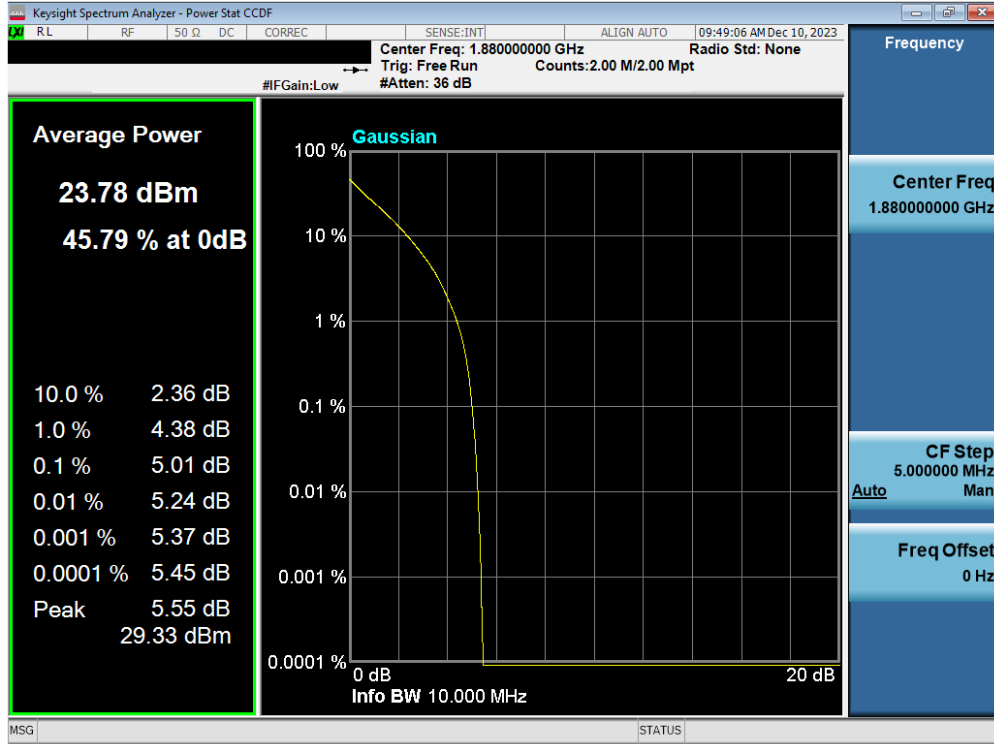


Plot 7-227. PAR Plot (LTE Band 2 - 5MHz 64-QAM - Full RB Configuration)

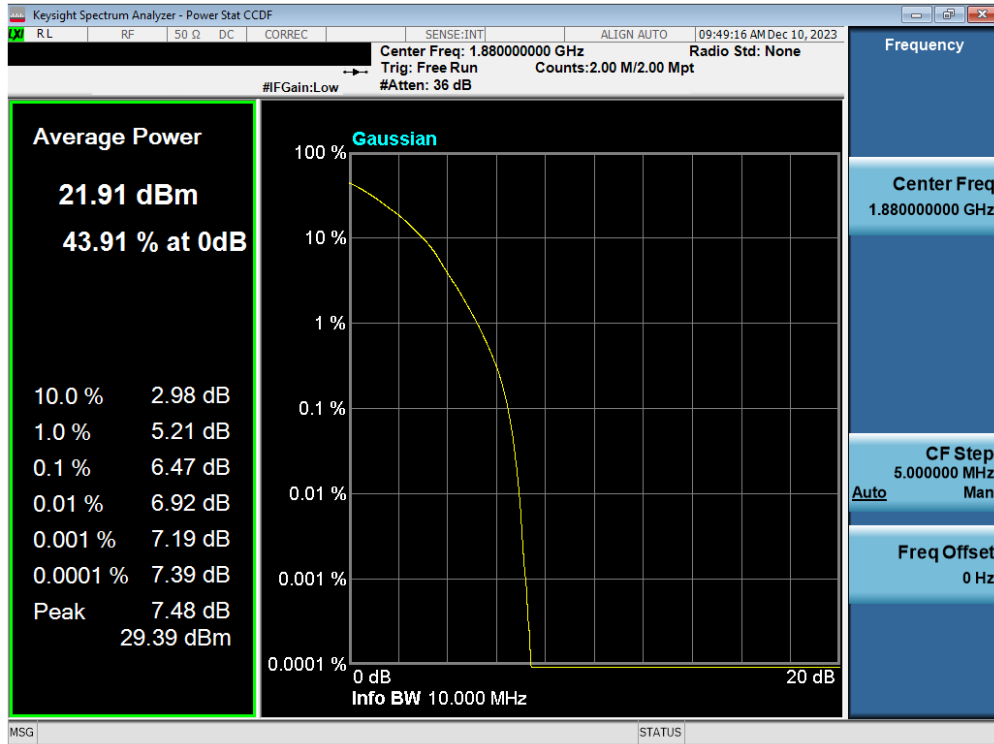


Plot 7-228. PAR Plot (LTE Band 2 - 5MHz 256-QAM - Full RB Configuration)

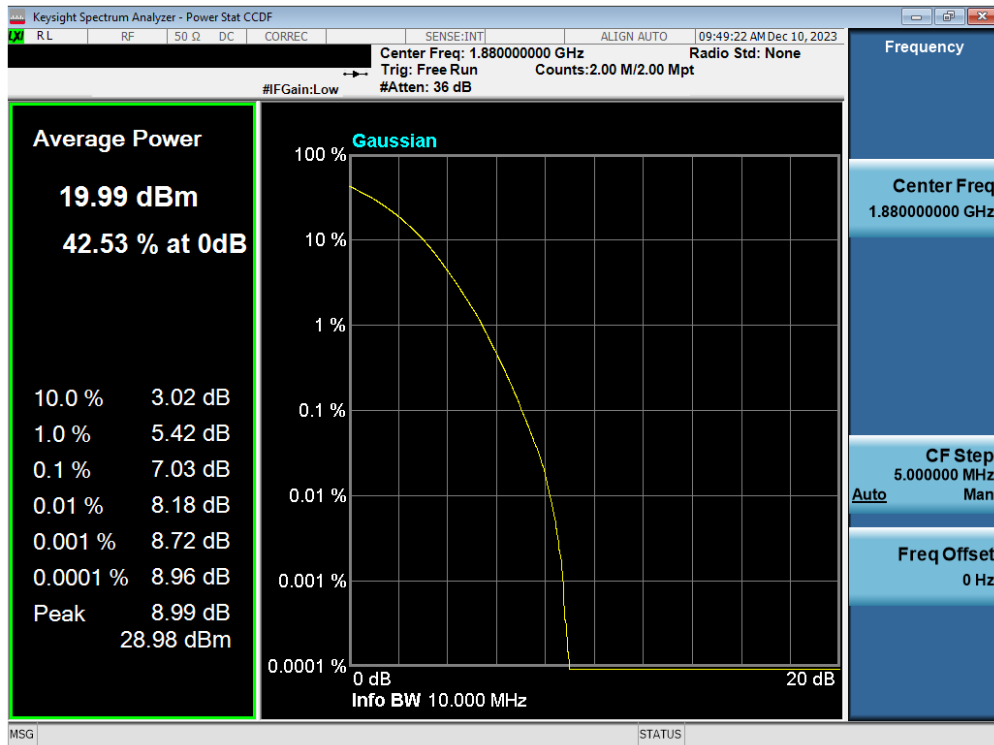
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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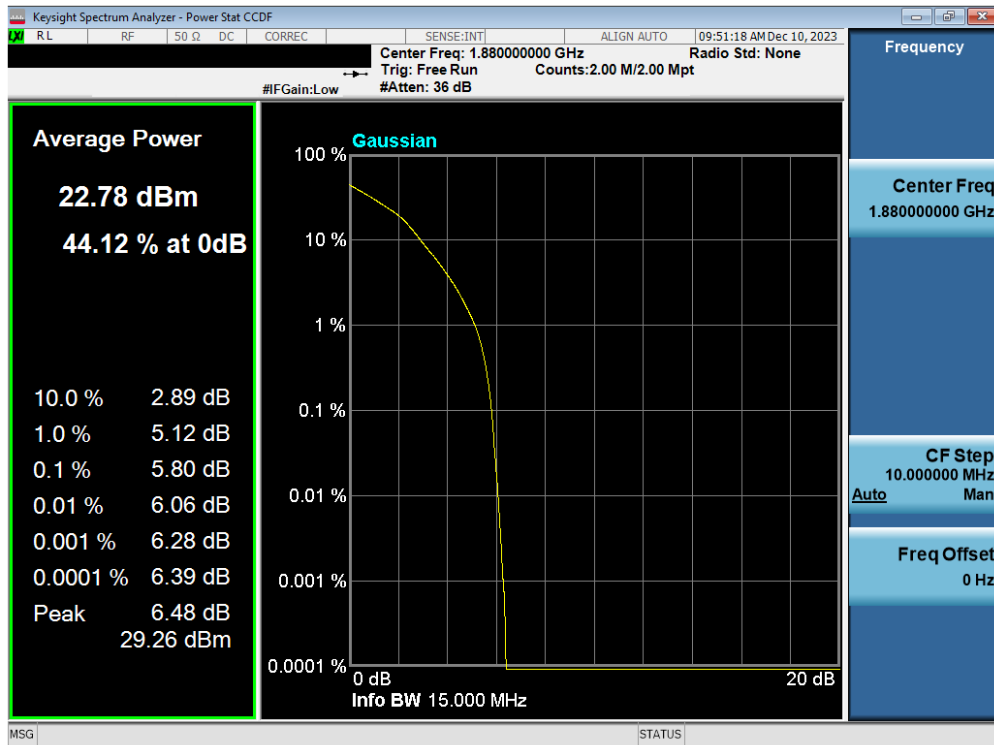
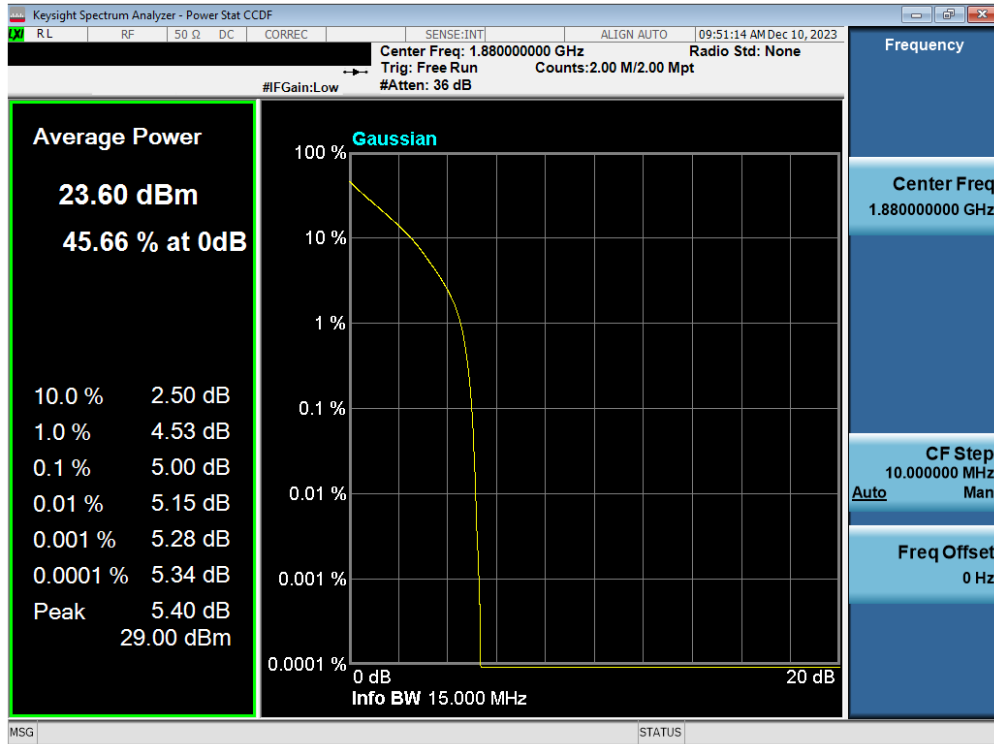


Plot 7-231. PAR Plot (LTE Band 2 - 10MHz 64-QAM - Full RB Configuration)

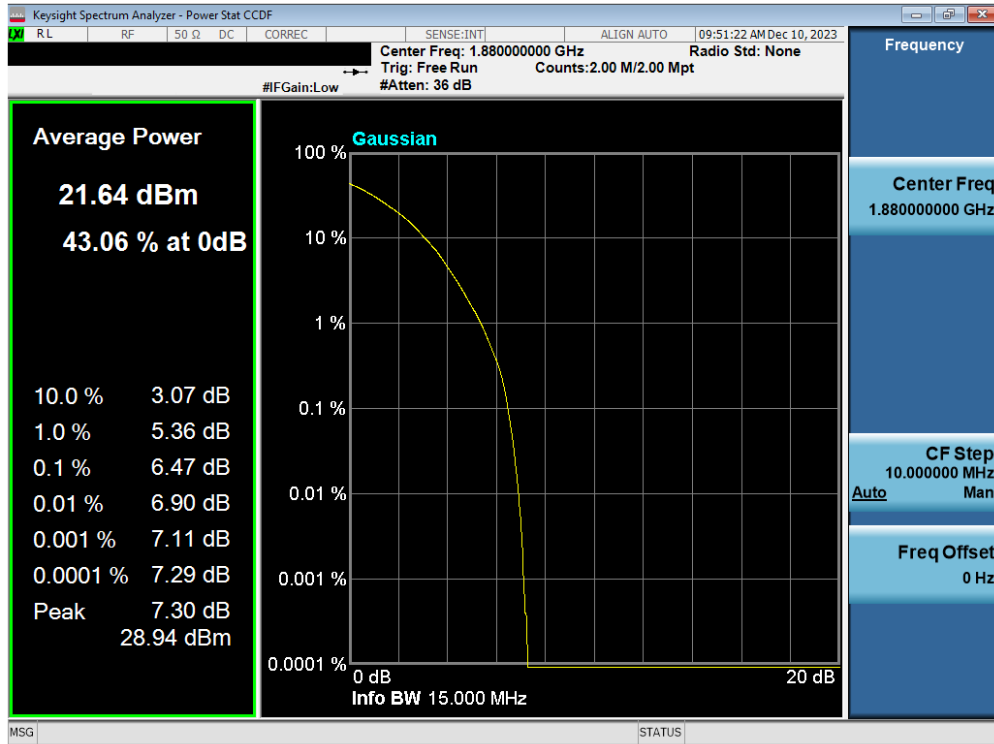


Plot 7-232. PAR Plot (LTE Band 2 - 10MHz 256-QAM - Full RB Configuration)

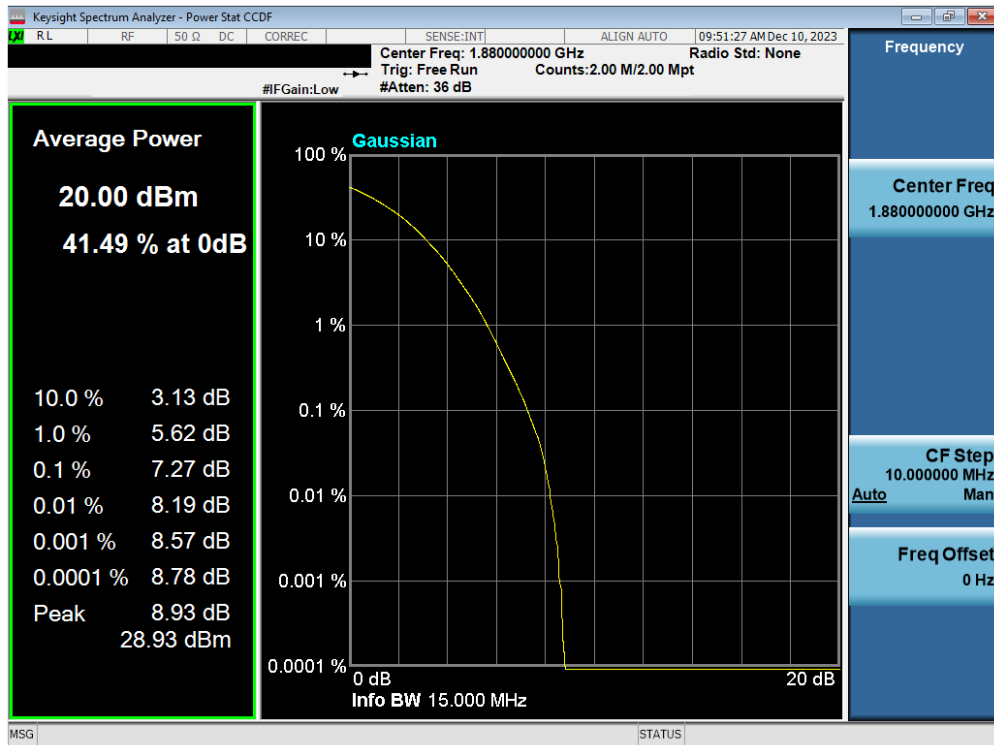
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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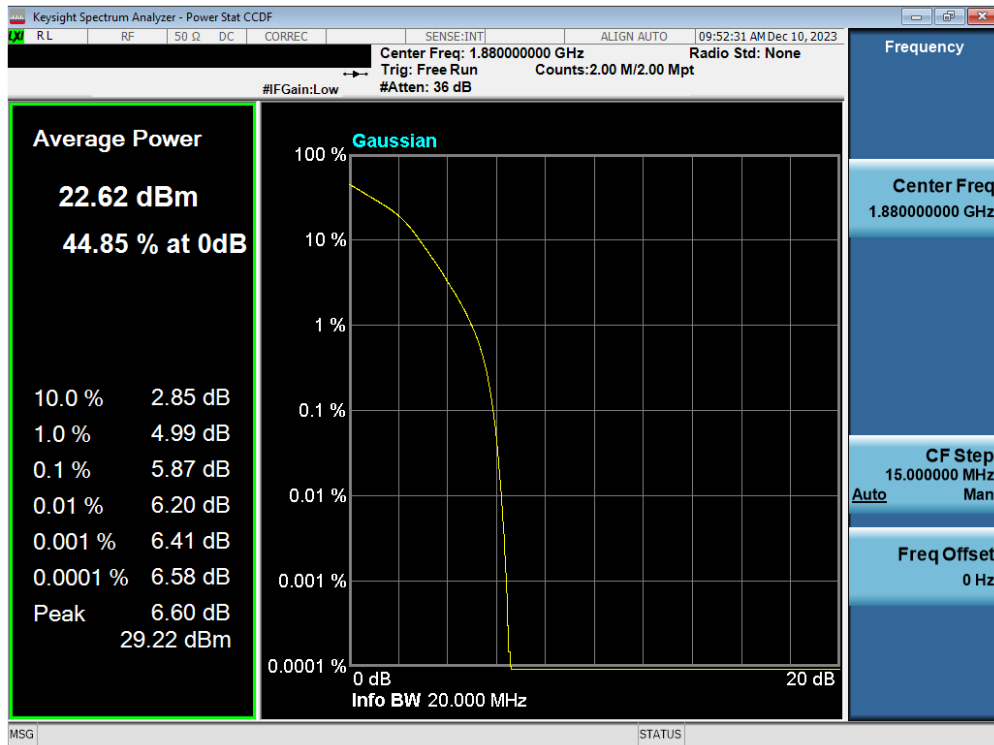
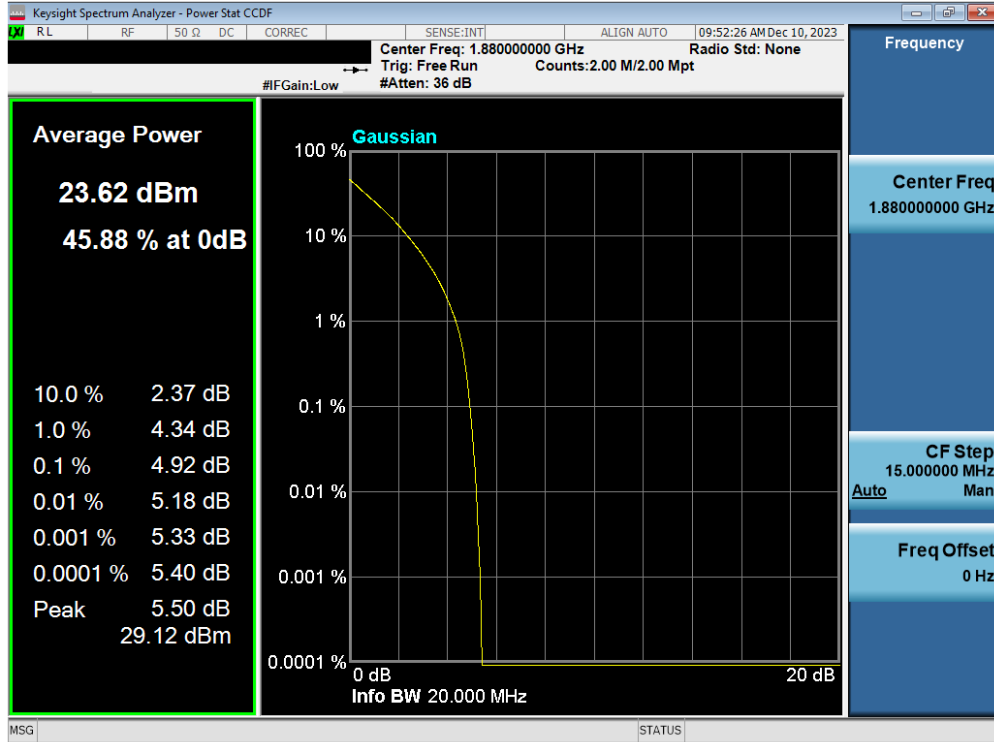


Plot 7-235. PAR Plot (LTE Band 2 - 15MHz 64-QAM - Full RB Configuration)

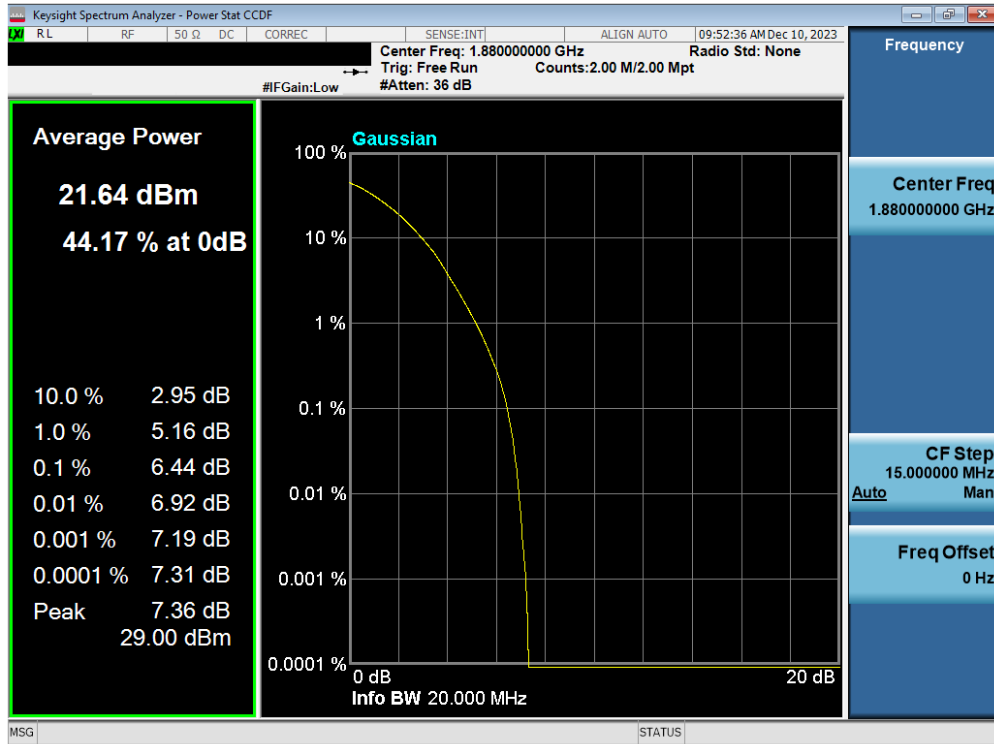


Plot 7-236. PAR Plot (LTE Band 2 - 15MHz 256-QAM - Full RB Configuration)

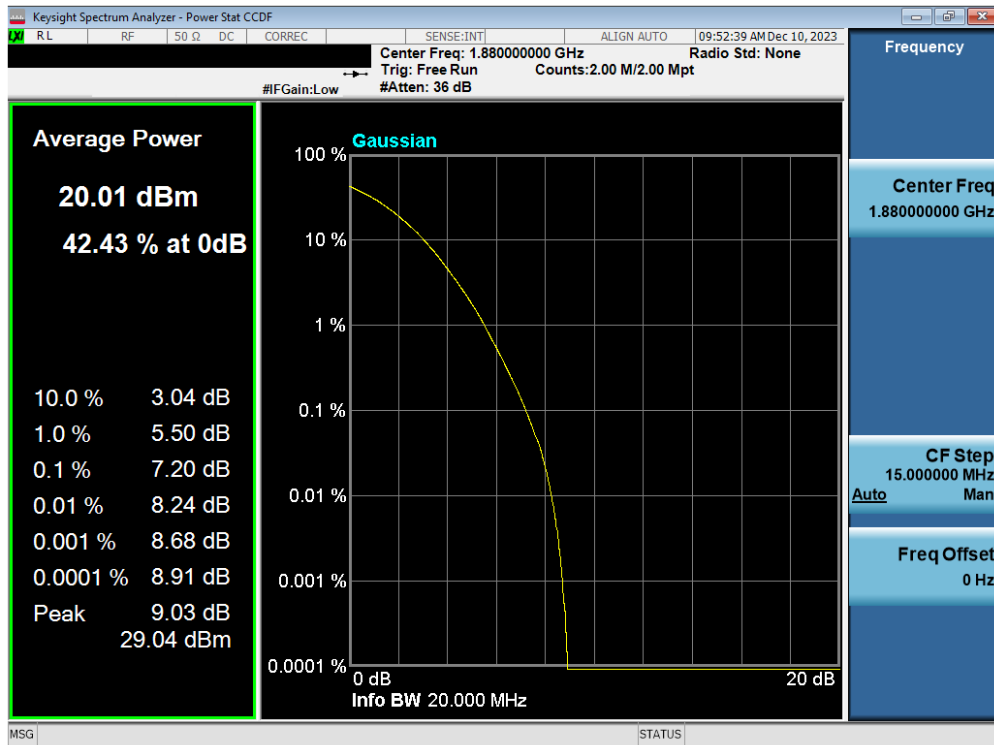
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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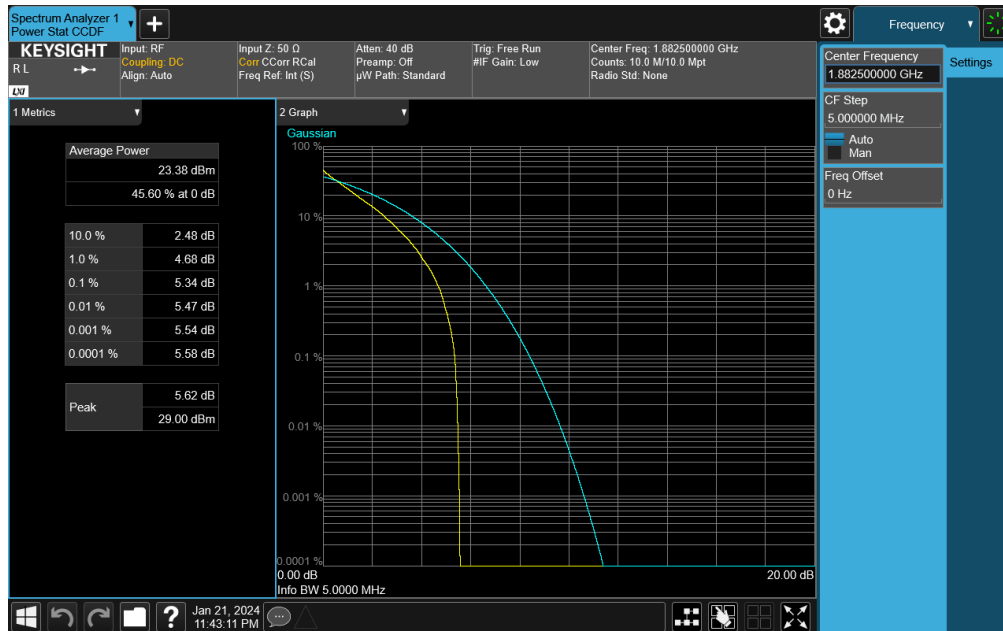
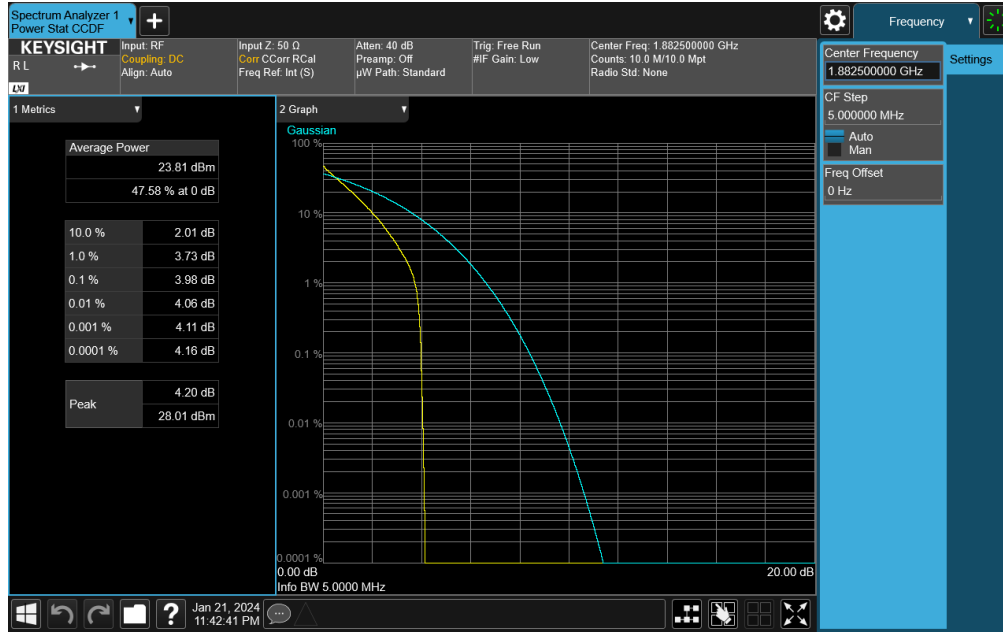
Plot 7-239. PAR Plot (LTE Band 2 - 20MHz 64-QAM - Full RB Configuration)



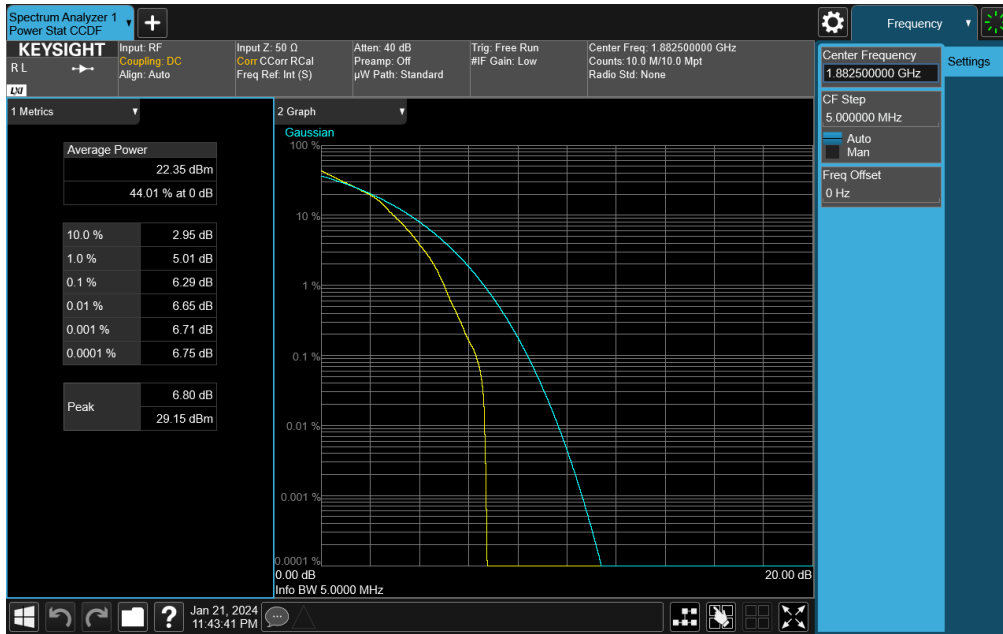
Plot 7-240. PAR Plot (LTE Band 2 - 20MHz 256-QAM - Full RB Configuration)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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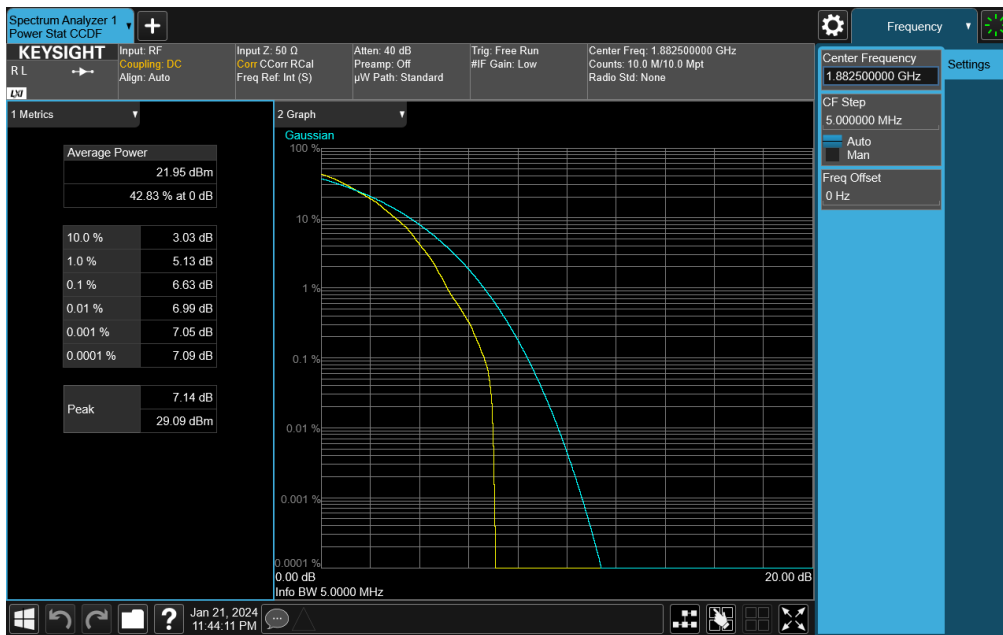
NR Band n25




FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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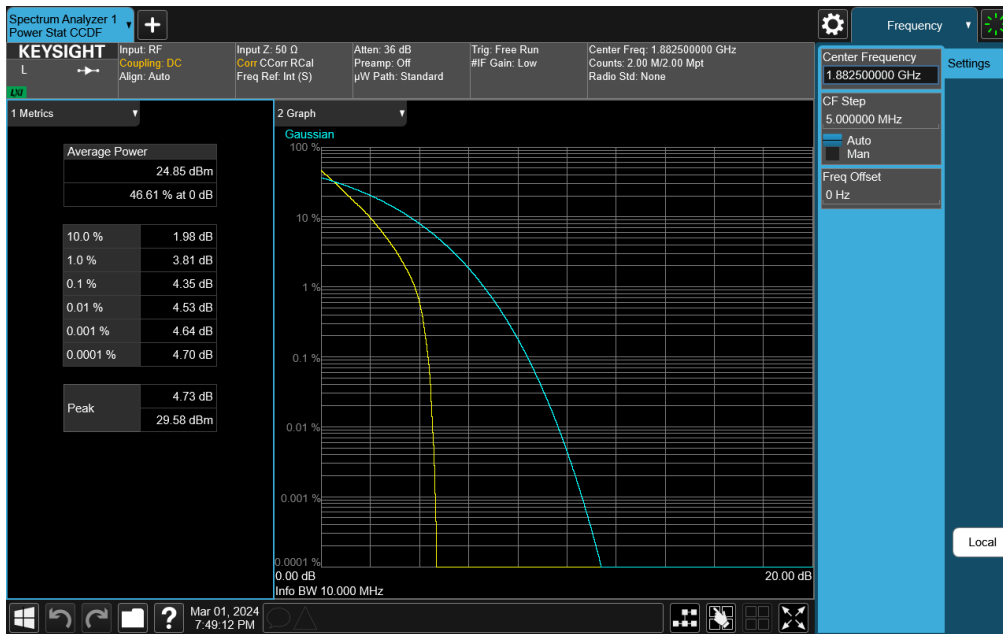
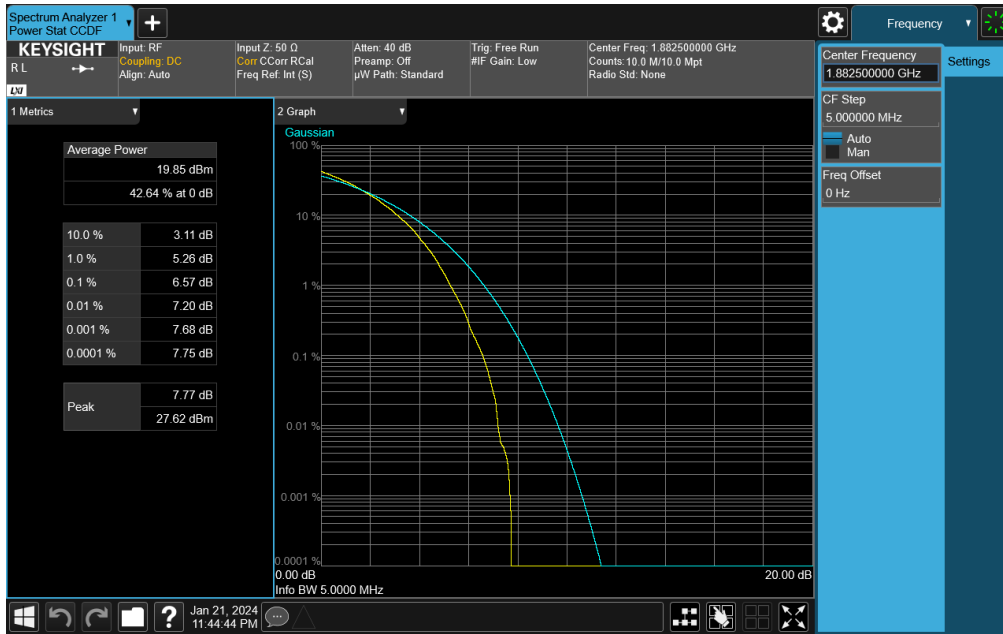


Plot 7-243. PAR Plot (NR Band n25 - 5MHz DFT-s-OFDM 16-QAM - Full RB)

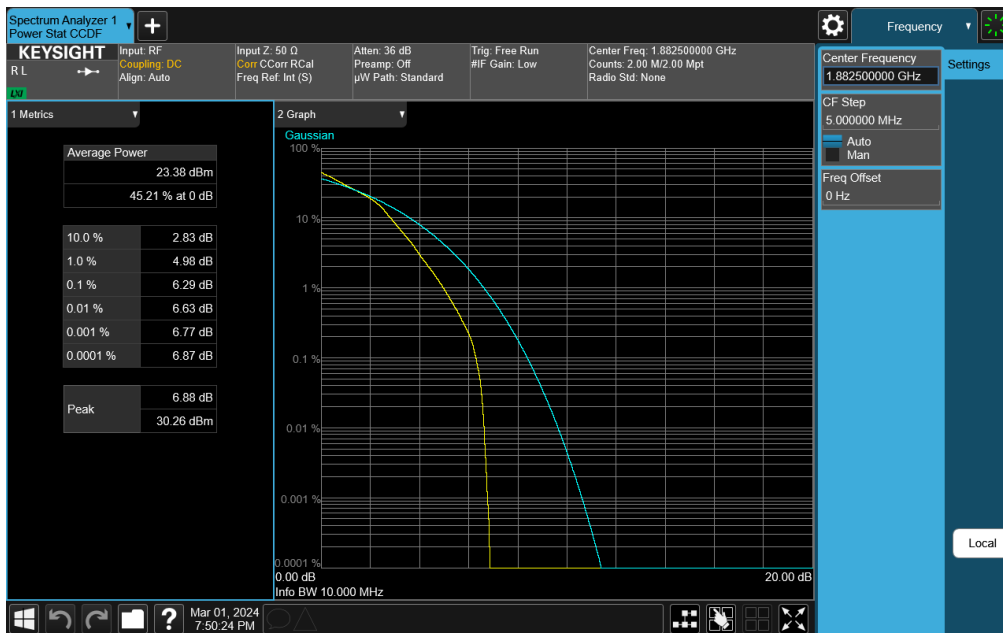
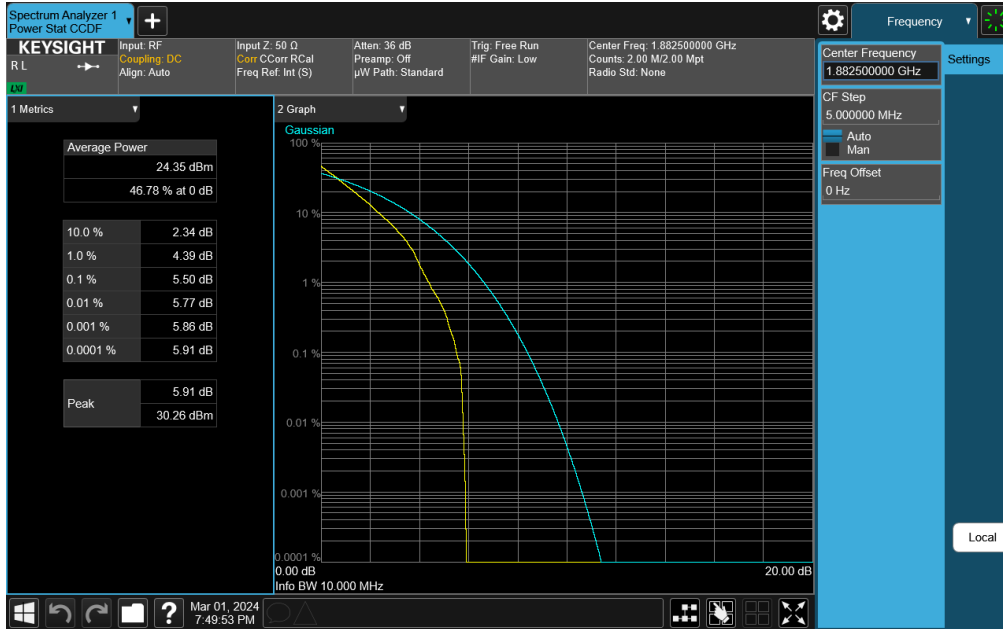


Plot 7-244. PAR Plot (NR Band n25 - 5MHz DFT-s-OFDM 64-QAM - Full RB)

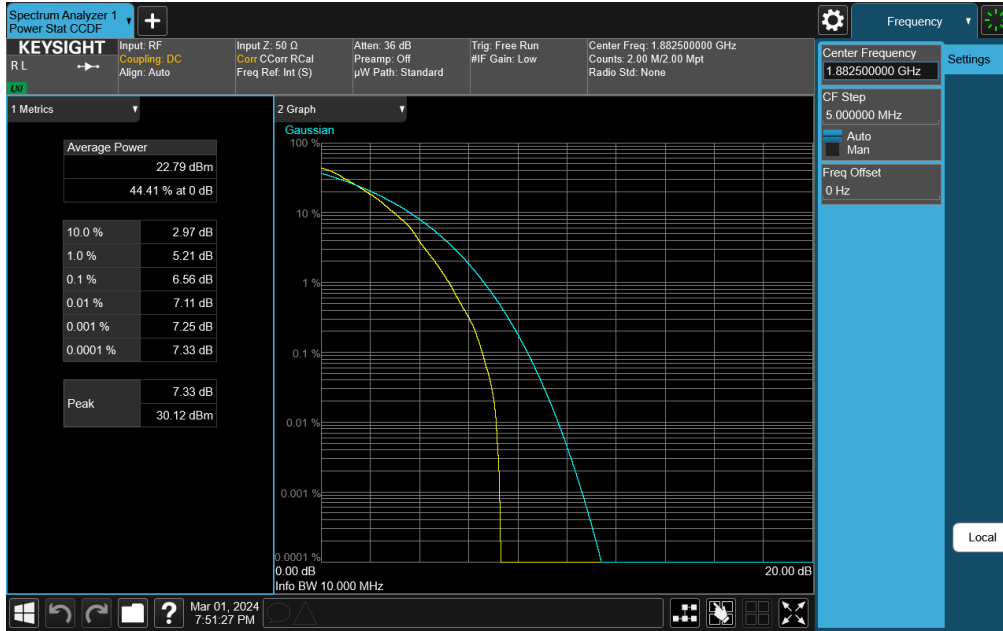
FCC ID: BCGA2899	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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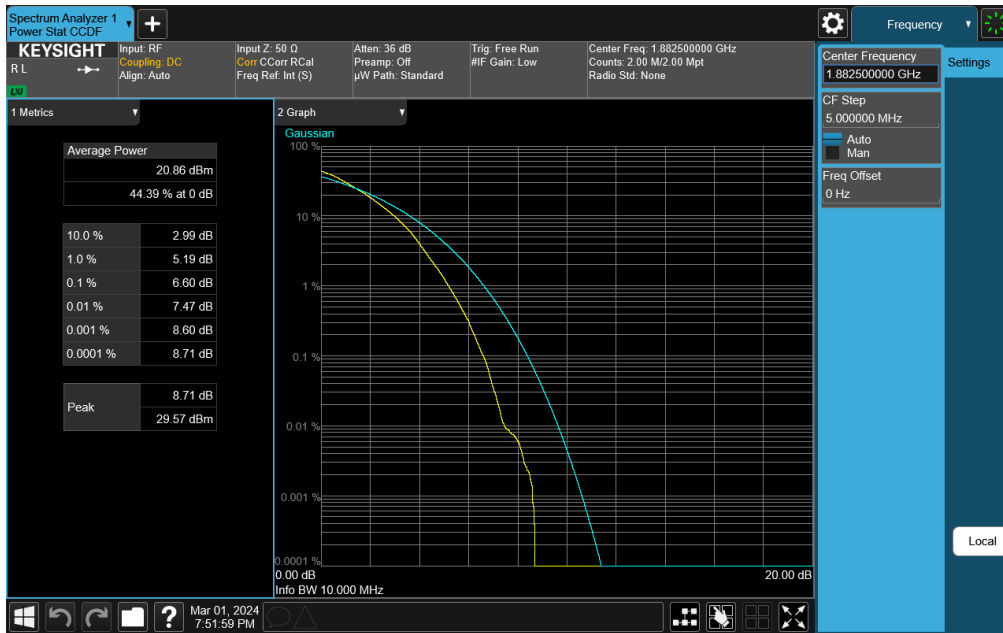
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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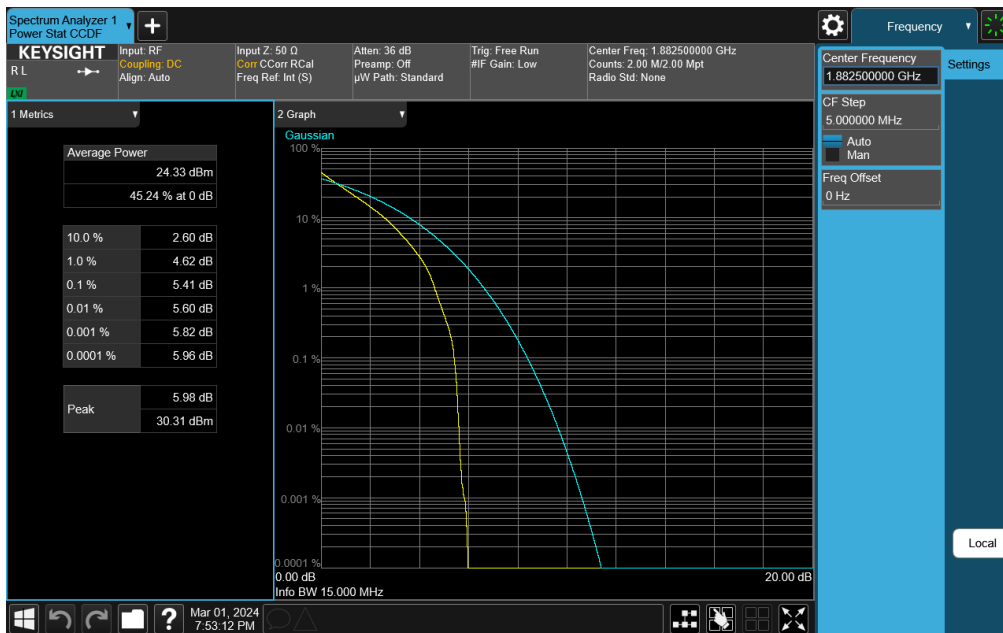
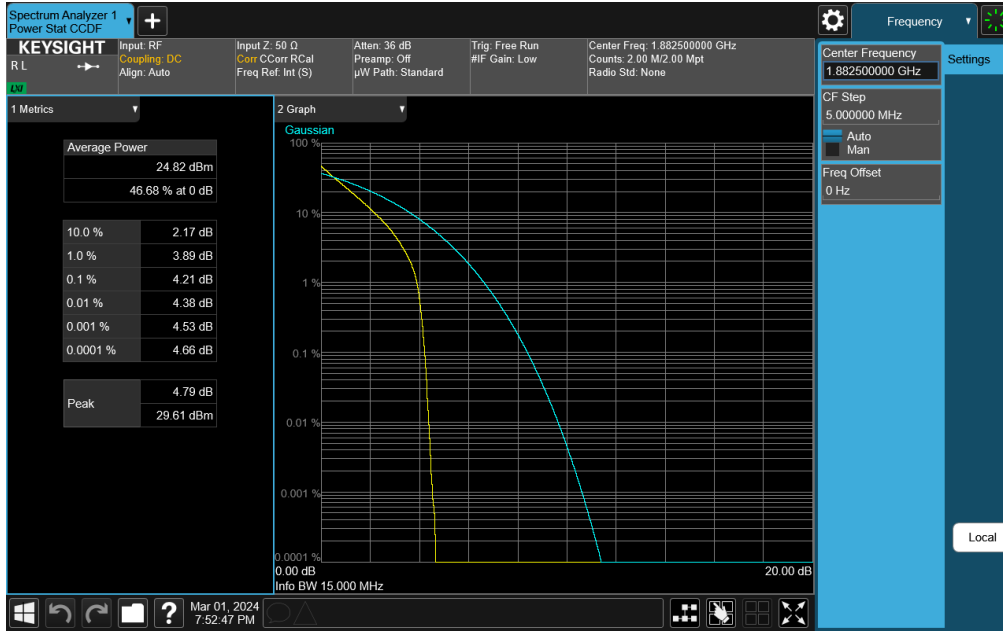


Plot 7-249. PAR Plot (NR Band n25 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

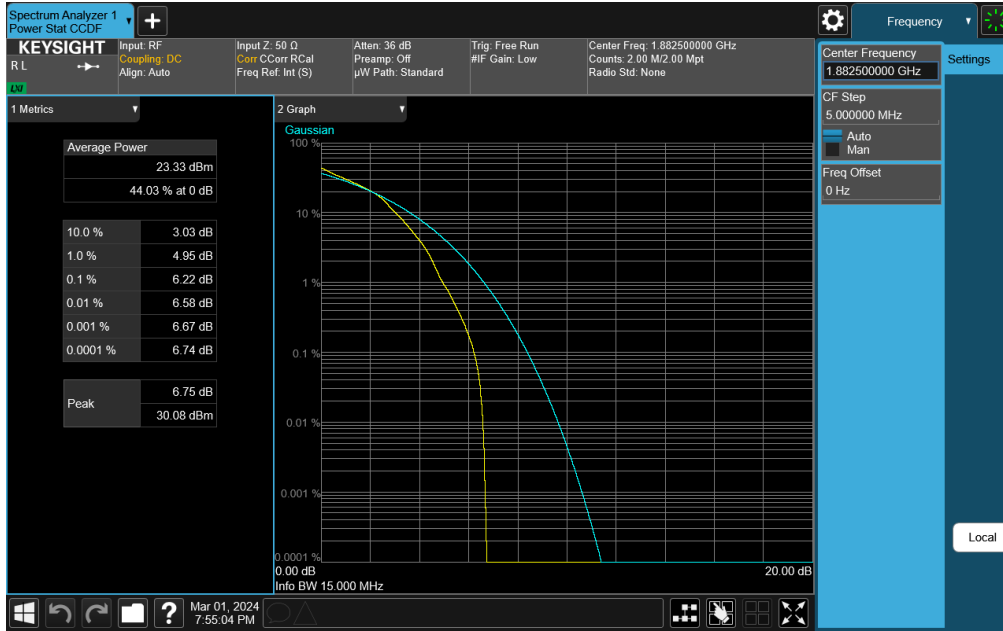


Plot 7-250. PAR Plot (NR Band n25 - 10MHz DFT-s-OFDM 256-QAM - Full RB)

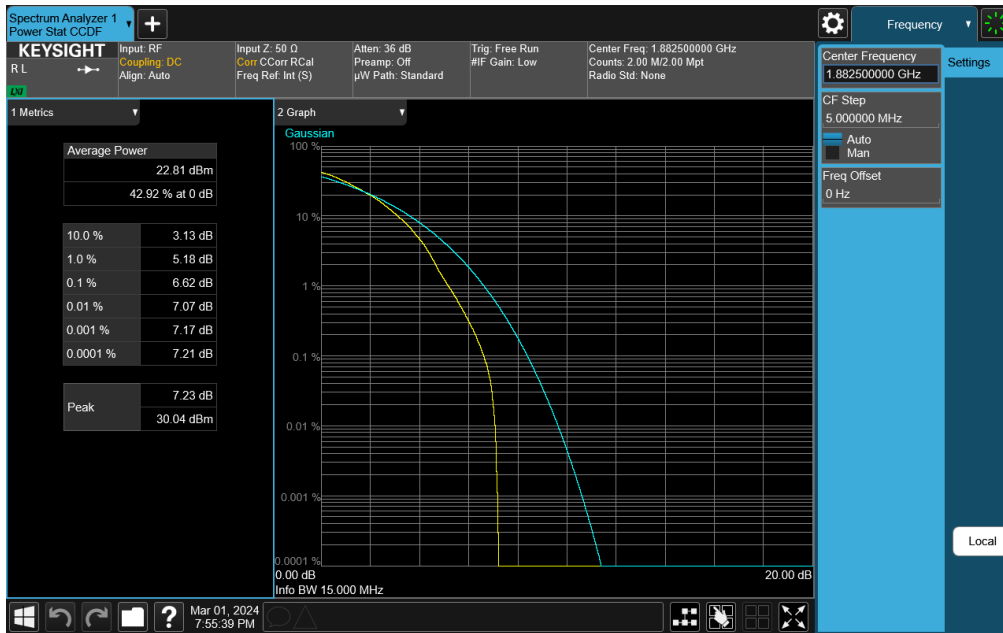
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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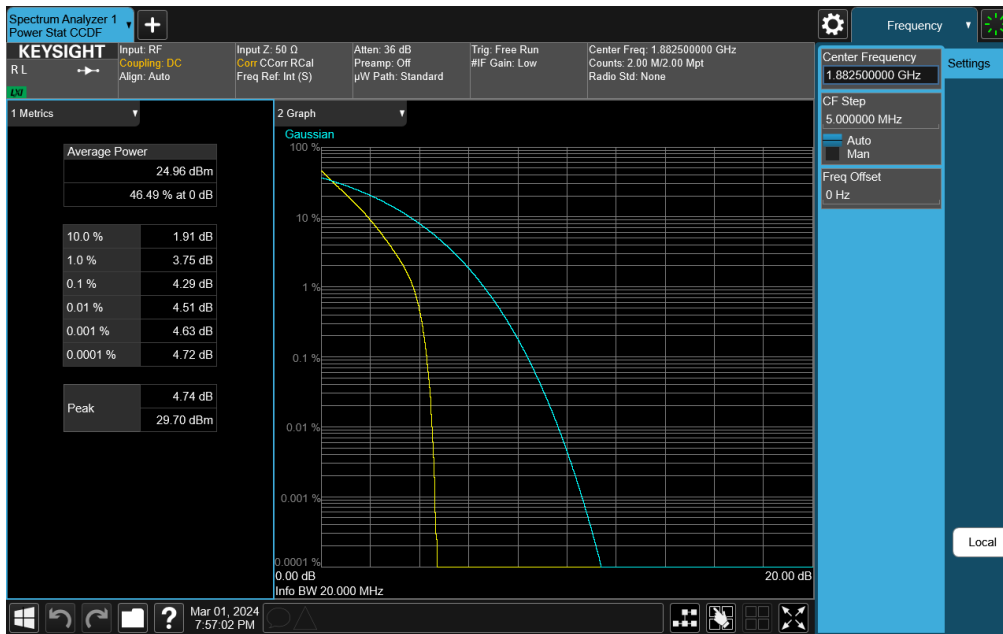
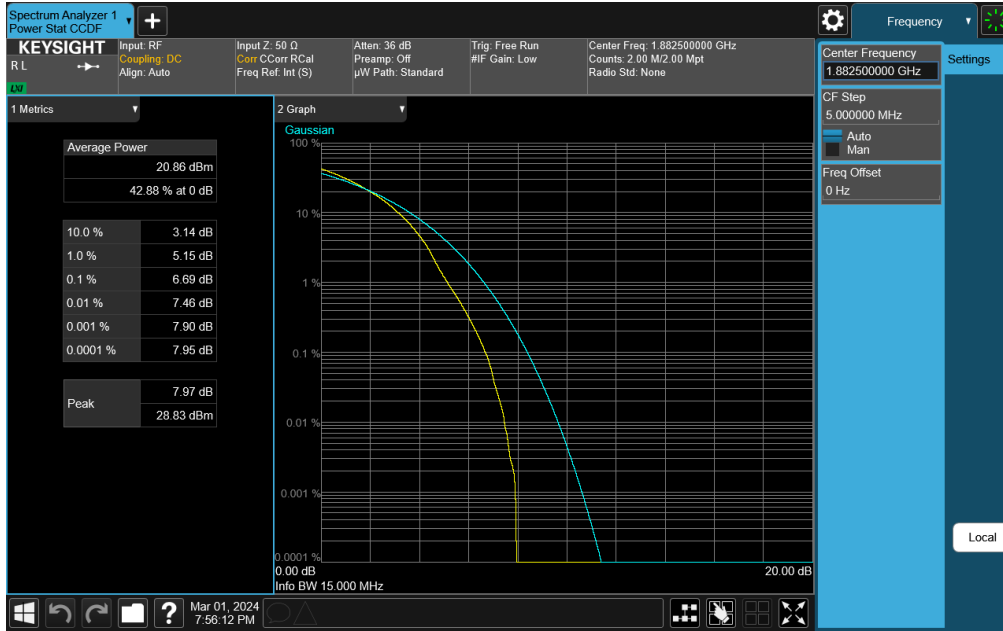


Plot 7-253. PAR Plot (NR Band n25 - 15MHz DFT-s-OFDM 16-QAM - Full RB)

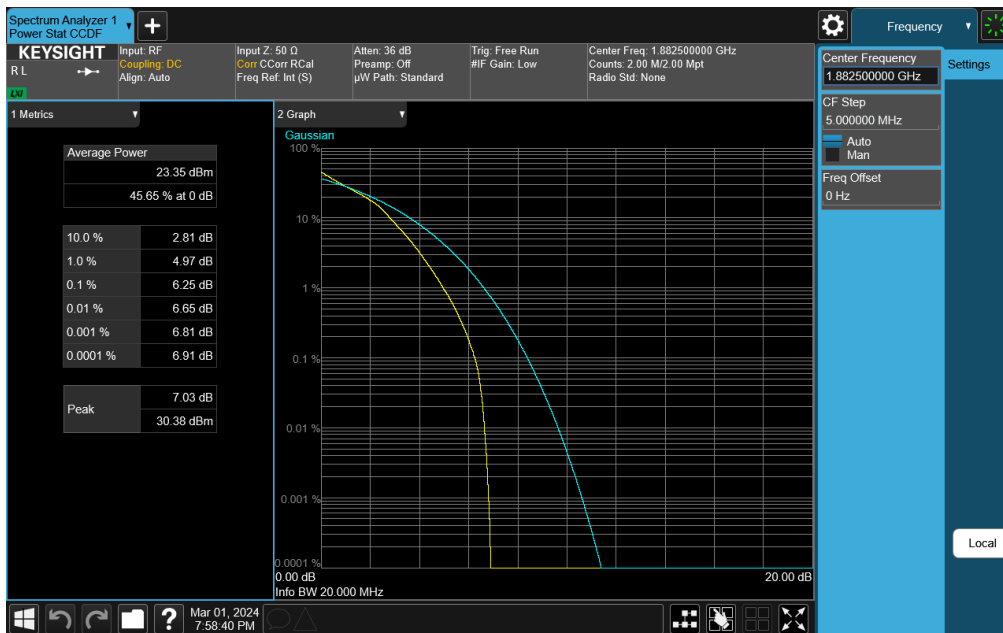
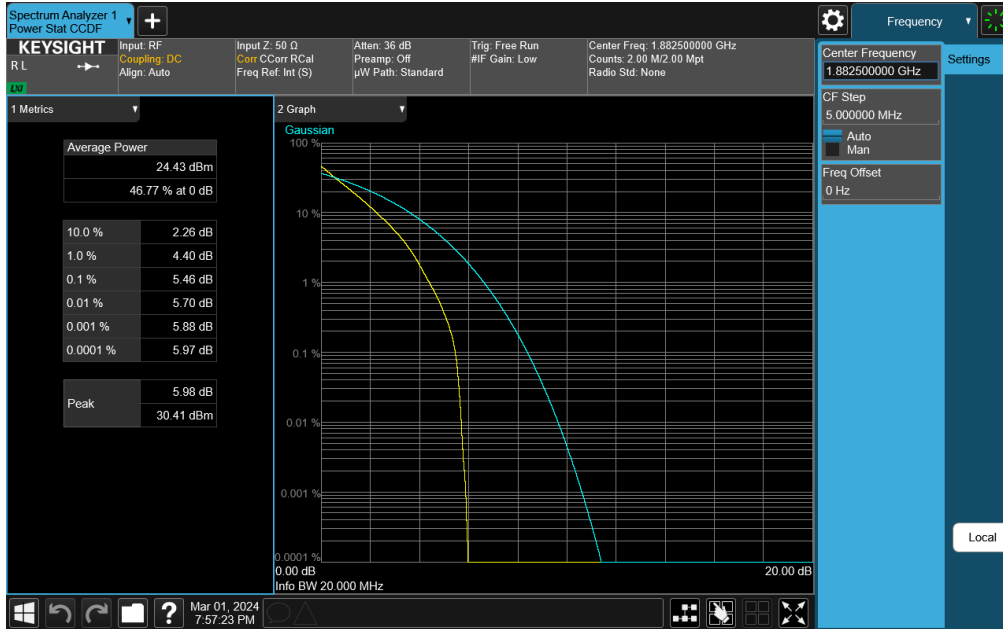


Plot 7-254. PAR Plot (NR Band n25 - 15MHz DFT-s-OFDM 64-QAM - Full RB)

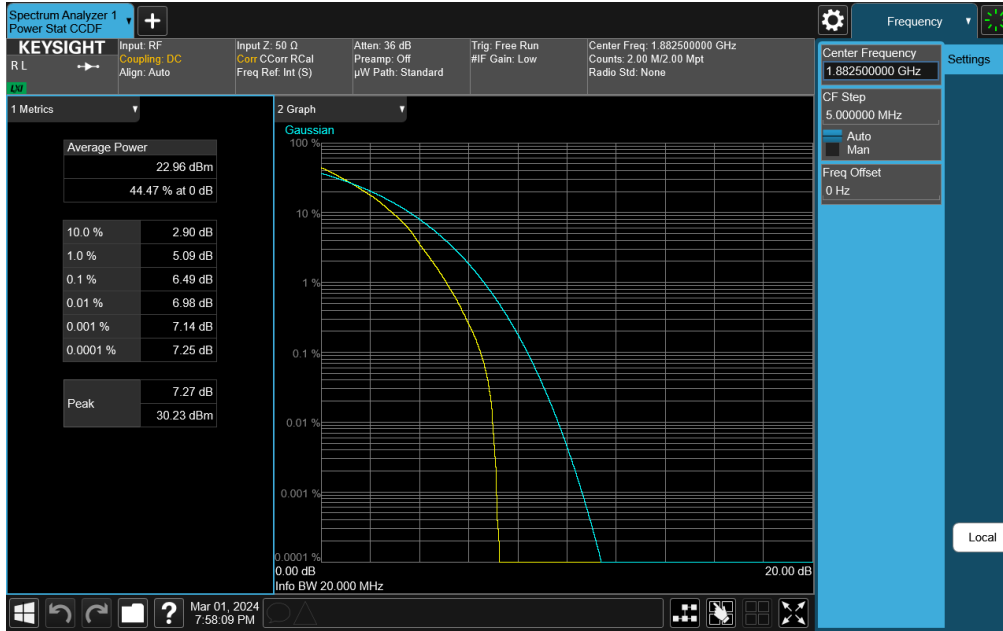
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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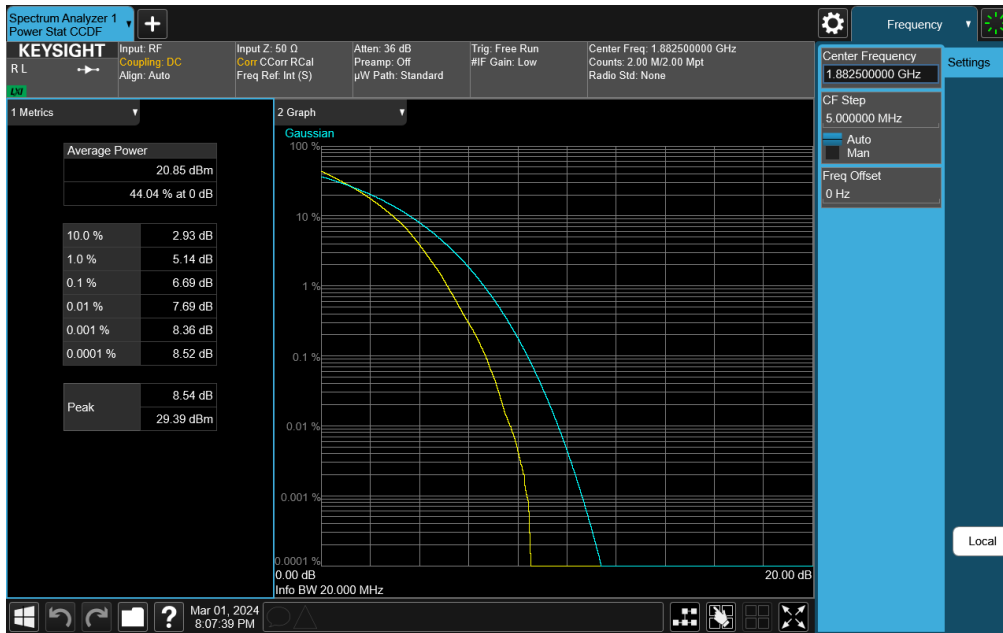
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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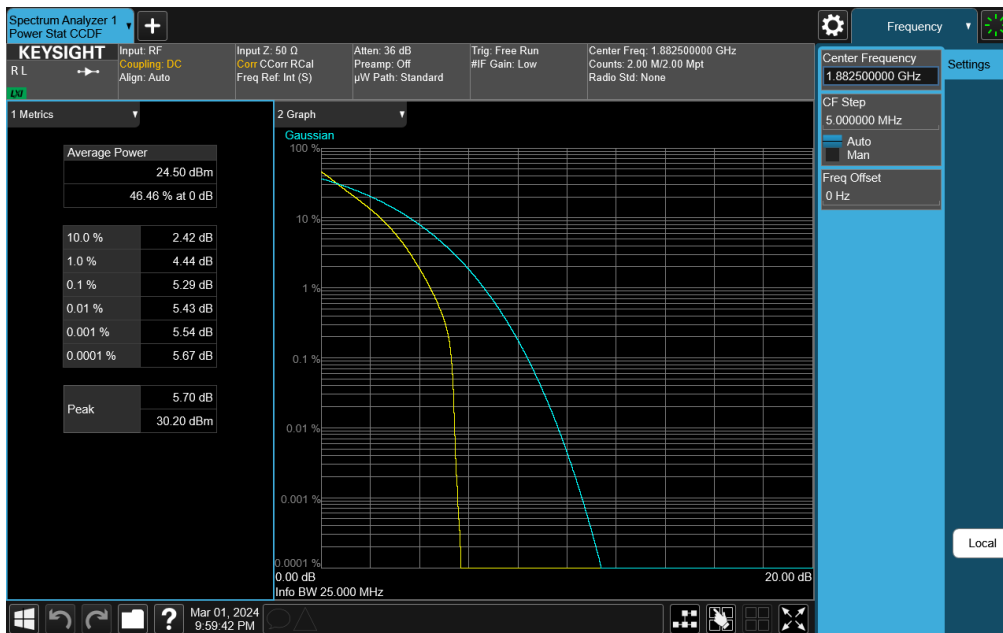
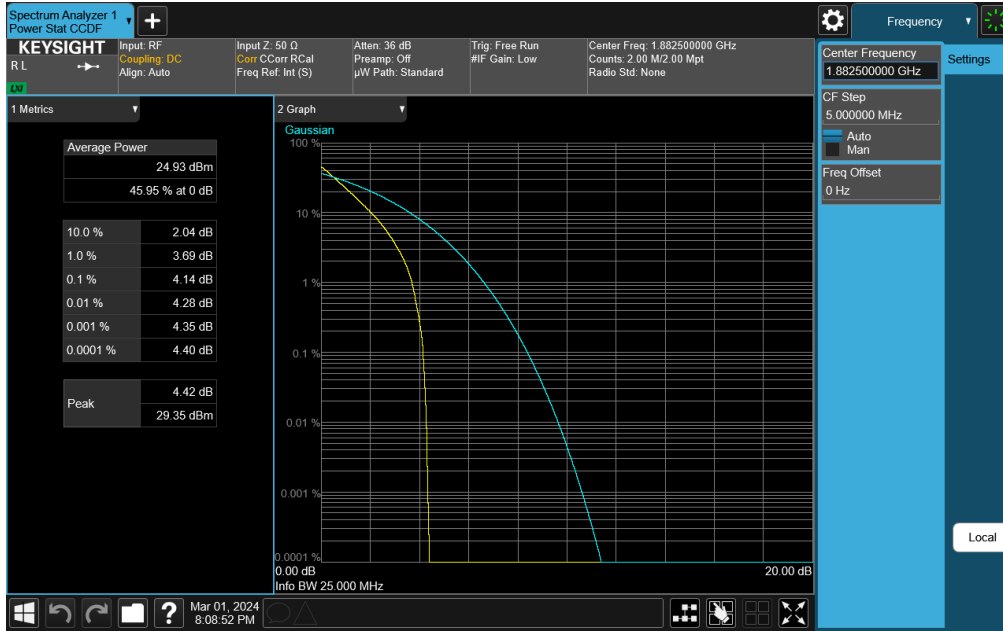


Plot 7-259. PAR Plot (NR Band n25 - 20MHz DFT-s-OFDM 64-QAM - Full RB)

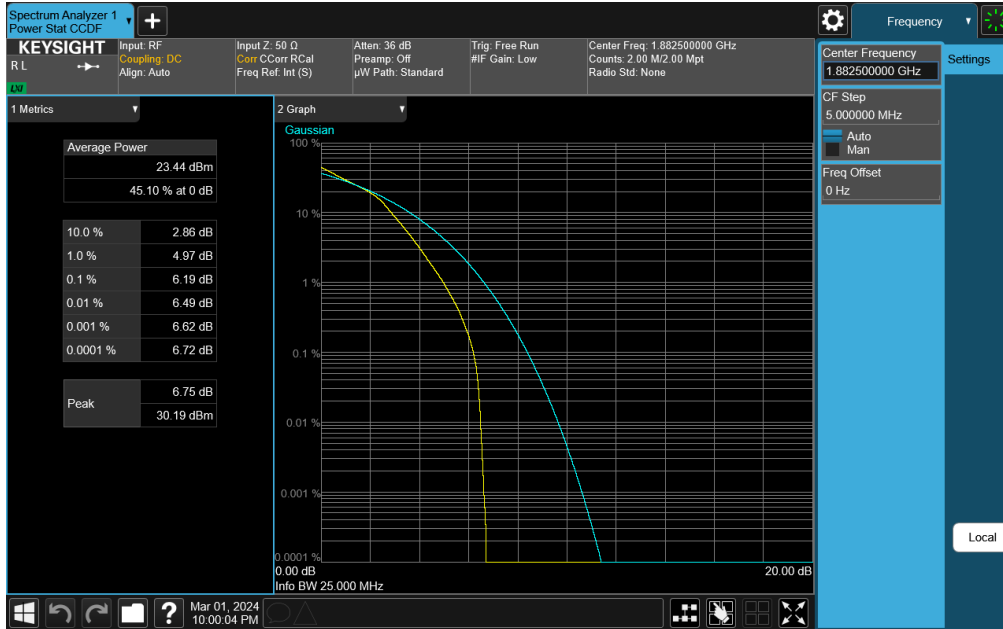


Plot 7-260. PAR Plot (NR Band n25 - 20MHz DFT-s-OFDM 256-QAM - Full RB)

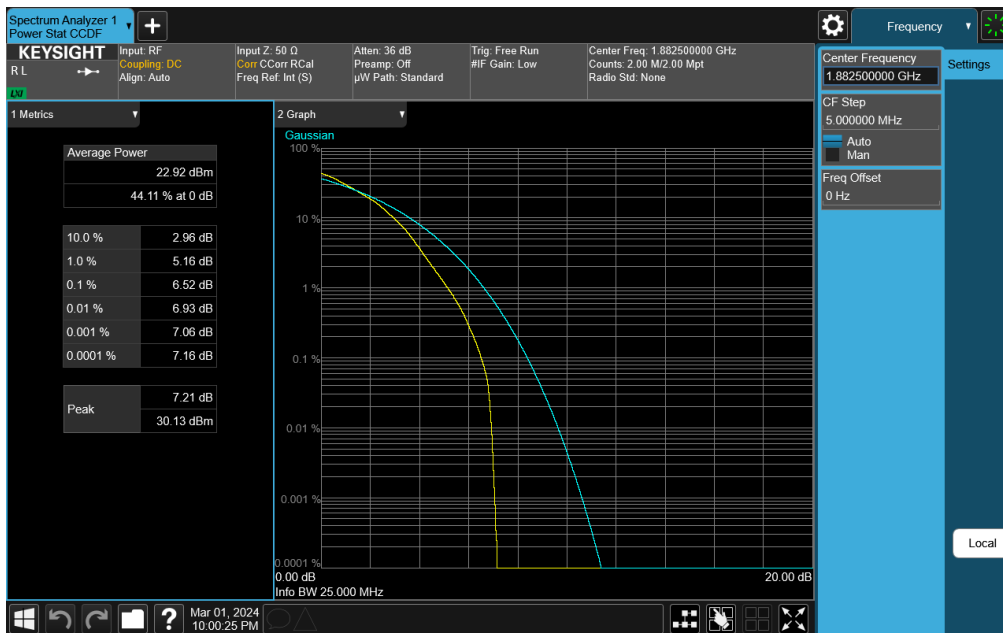
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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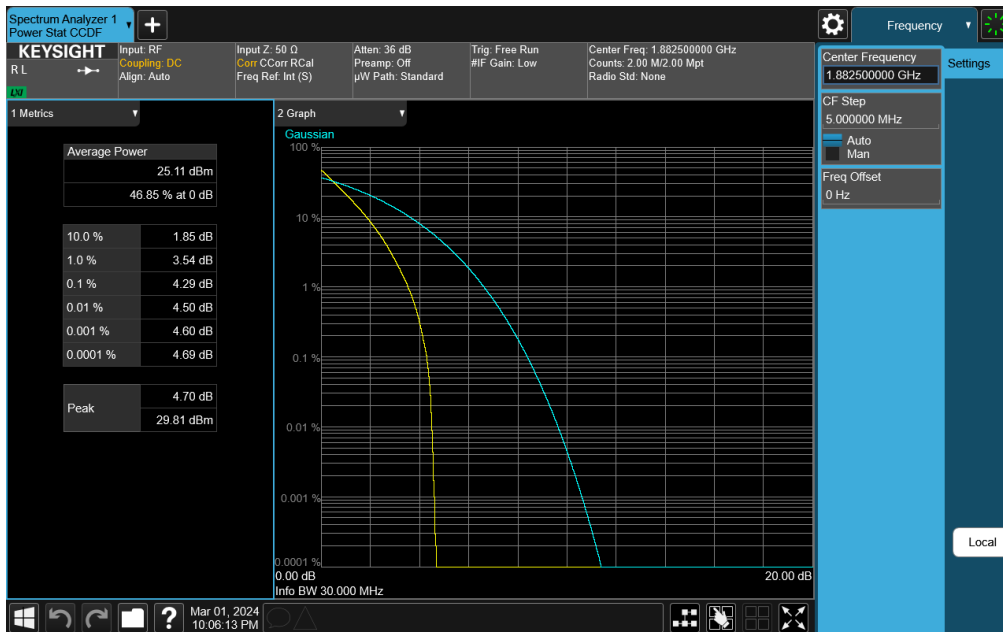
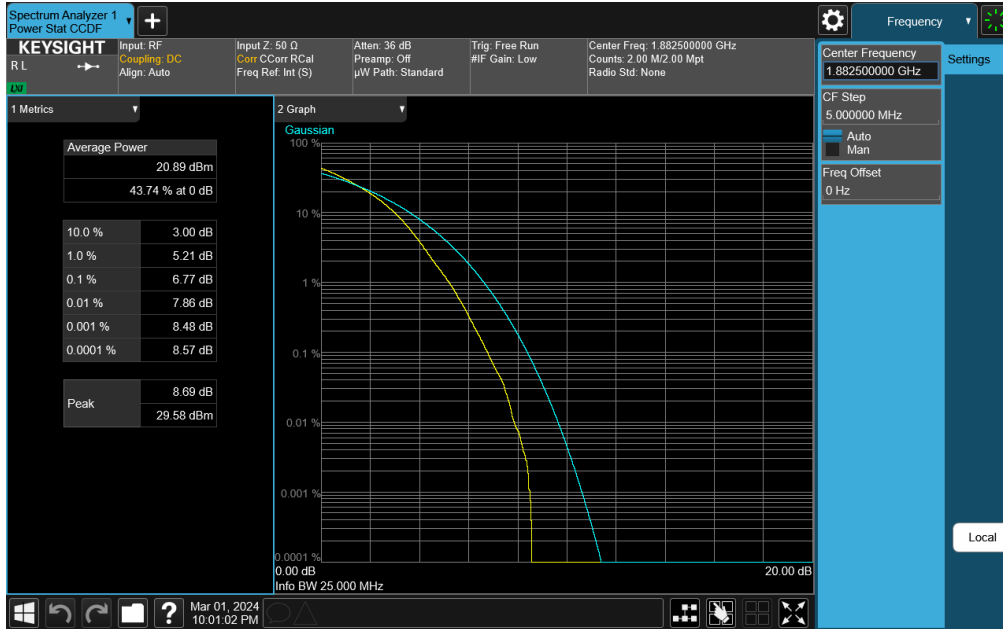


Plot 7-263. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 16-QAM - Full RB)

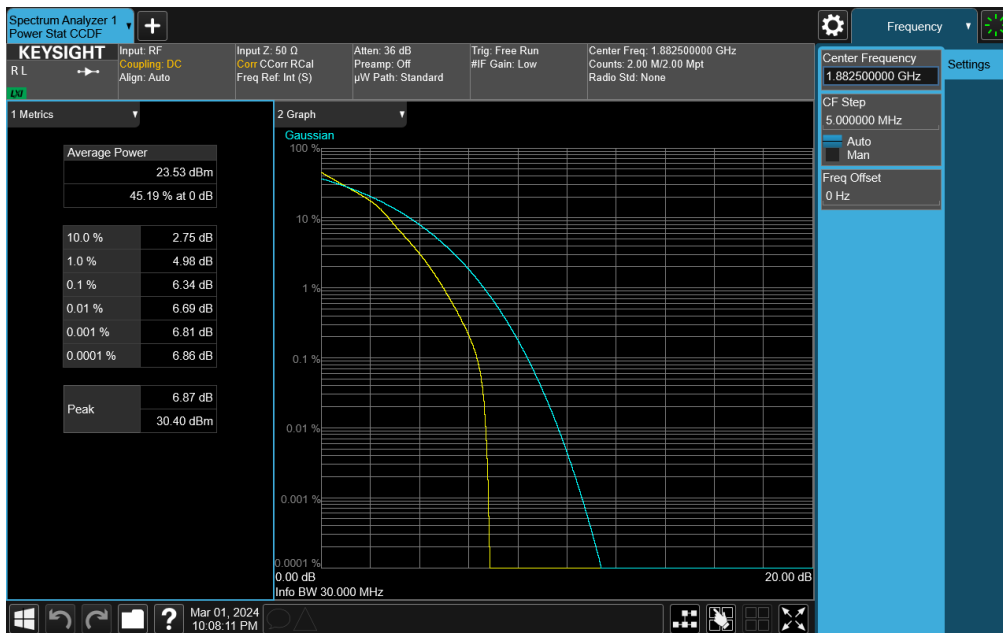
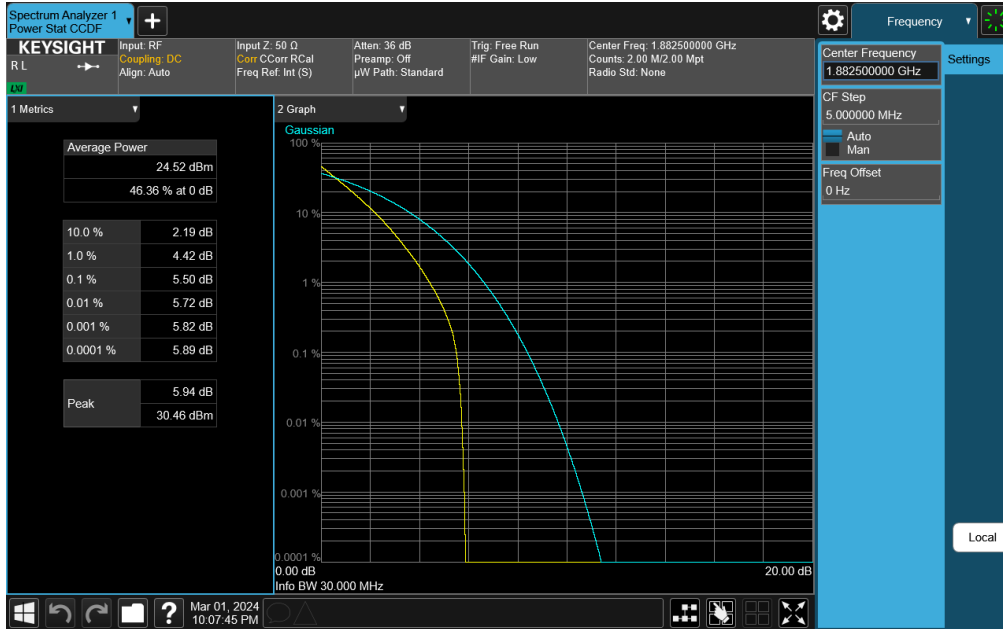


Plot 7-264. PAR Plot (NR Band n25 - 25MHz DFT-s-OFDM 64-QAM - Full RB)

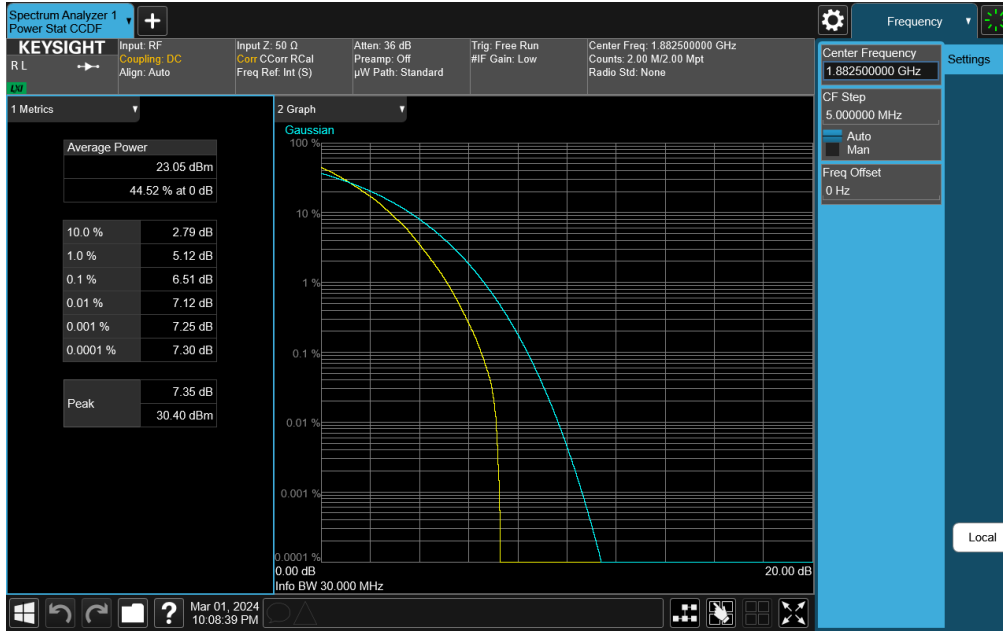
FCC ID: BCGA2899	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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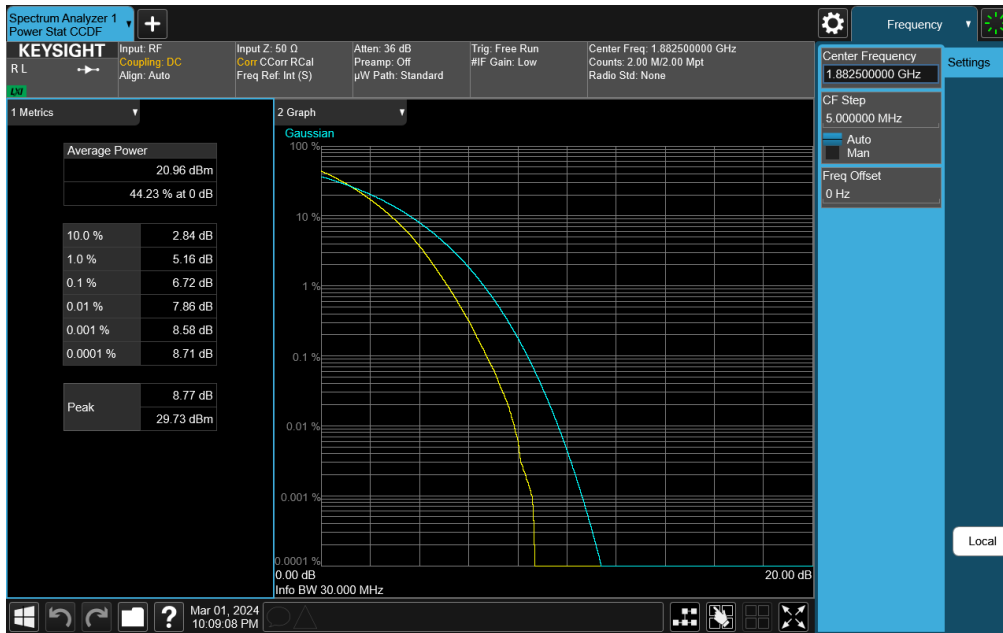
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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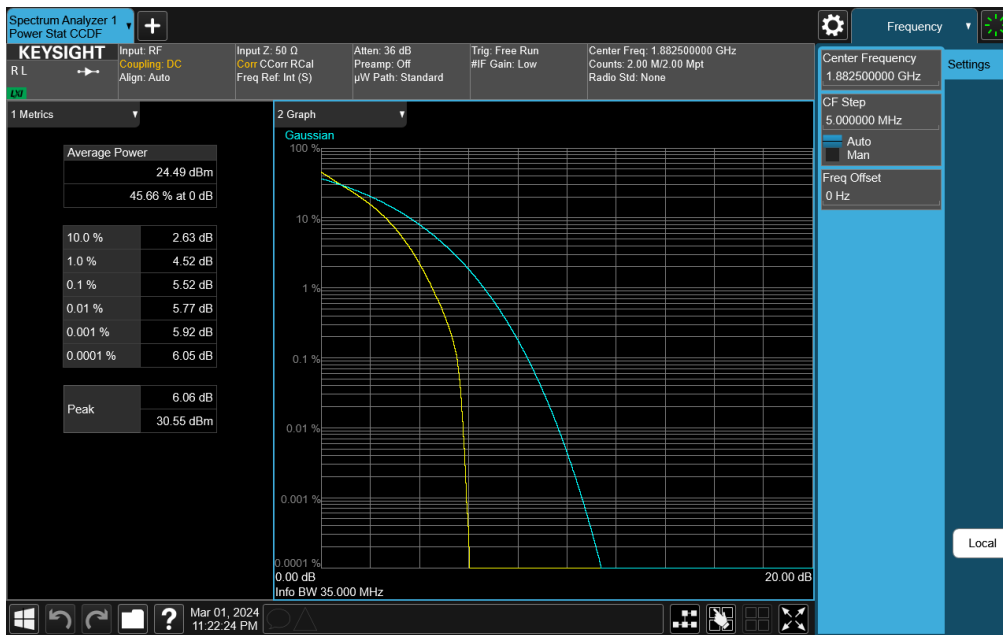
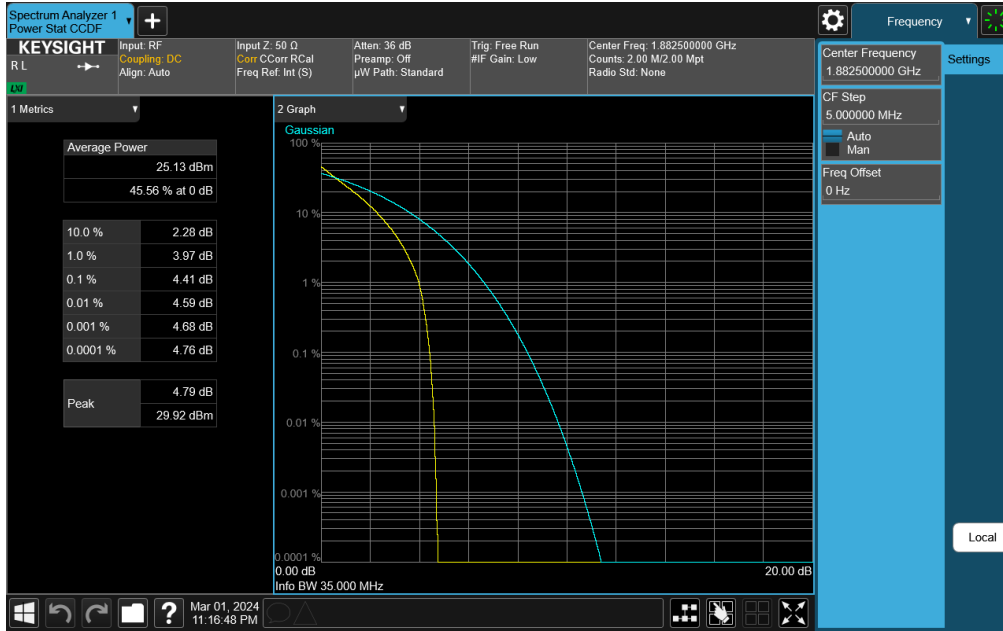



Plot 7-269. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM 64-QAM - Full RB)

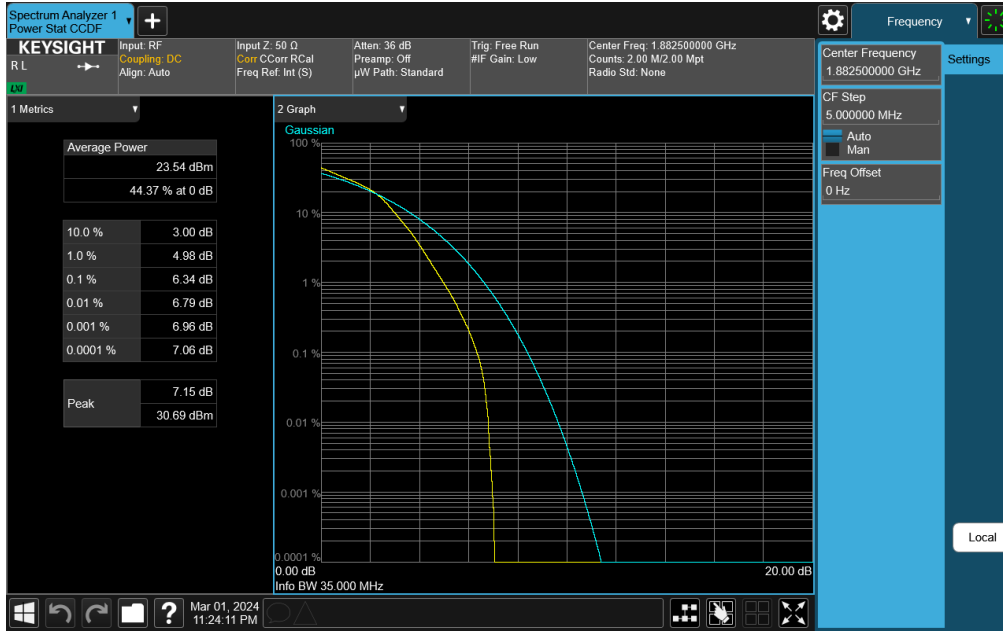


Plot 7-270. PAR Plot (NR Band n25 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

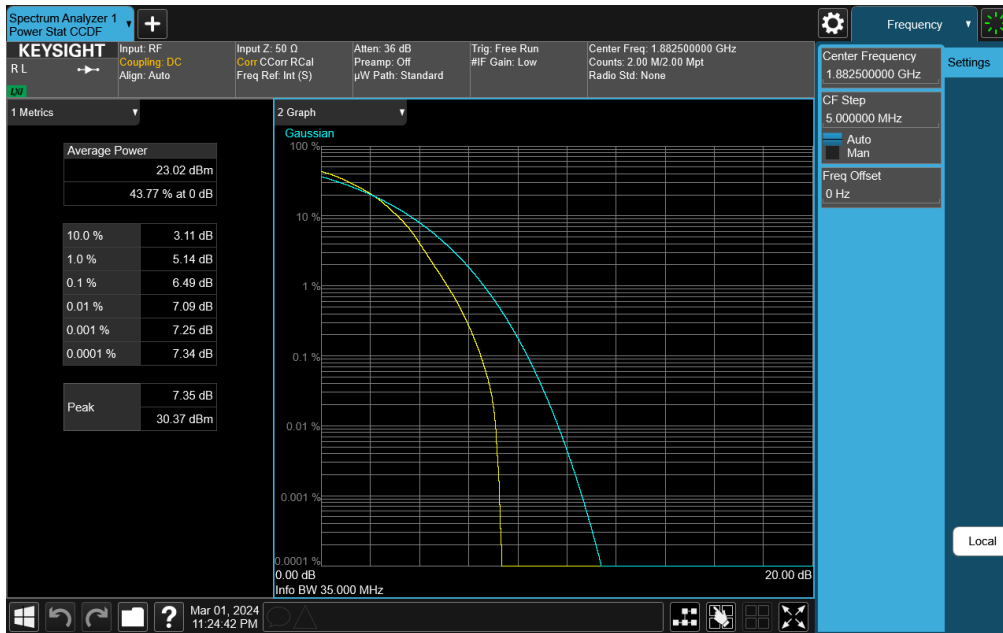
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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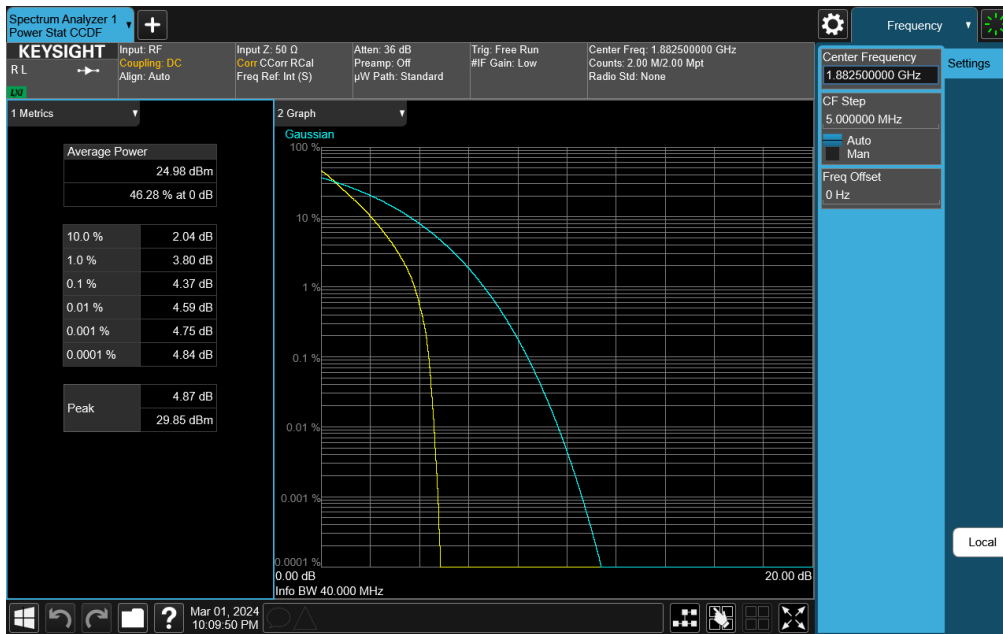
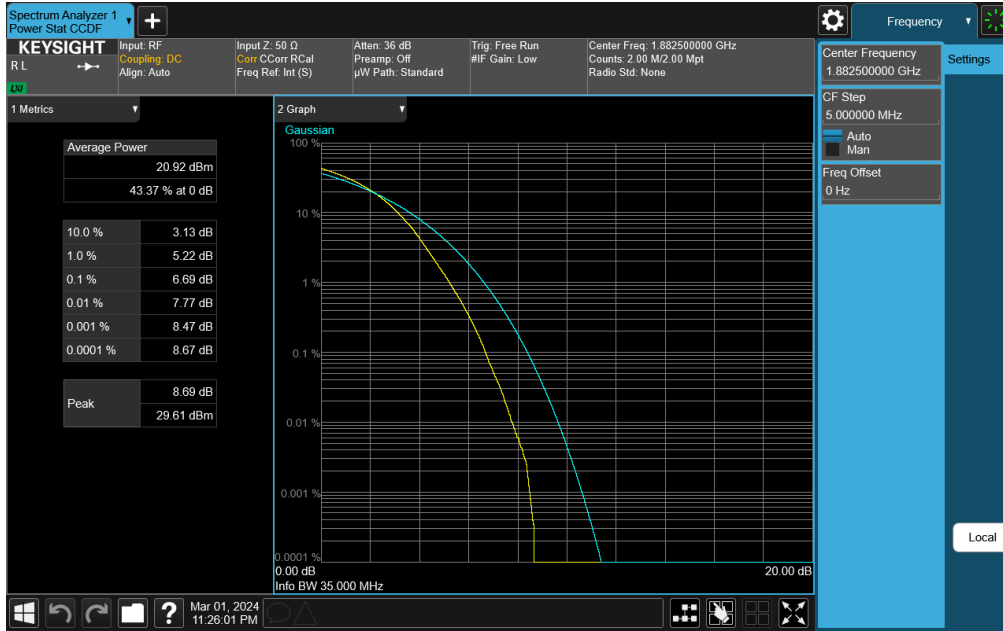


Plot 7-273. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 16-QAM - Full RB)

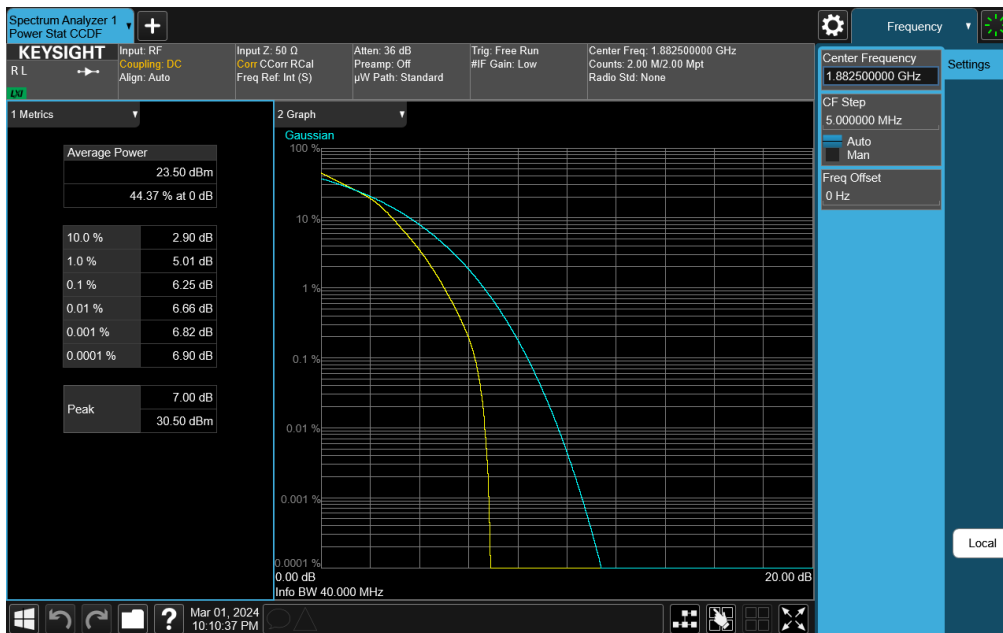
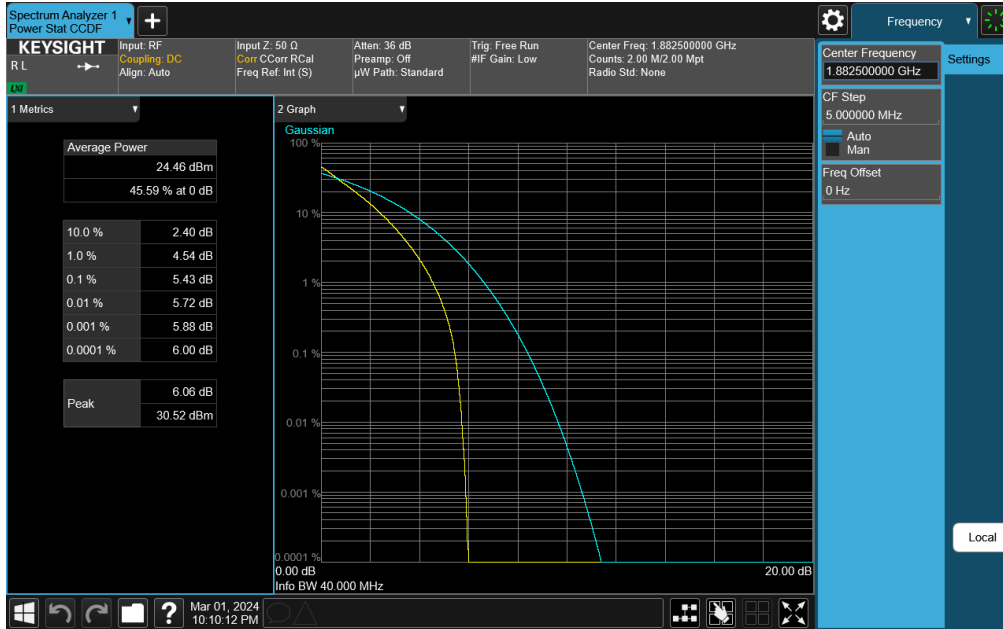


Plot 7-274. PAR Plot (NR Band n25 - 35MHz DFT-s-OFDM 64-QAM - Full RB)

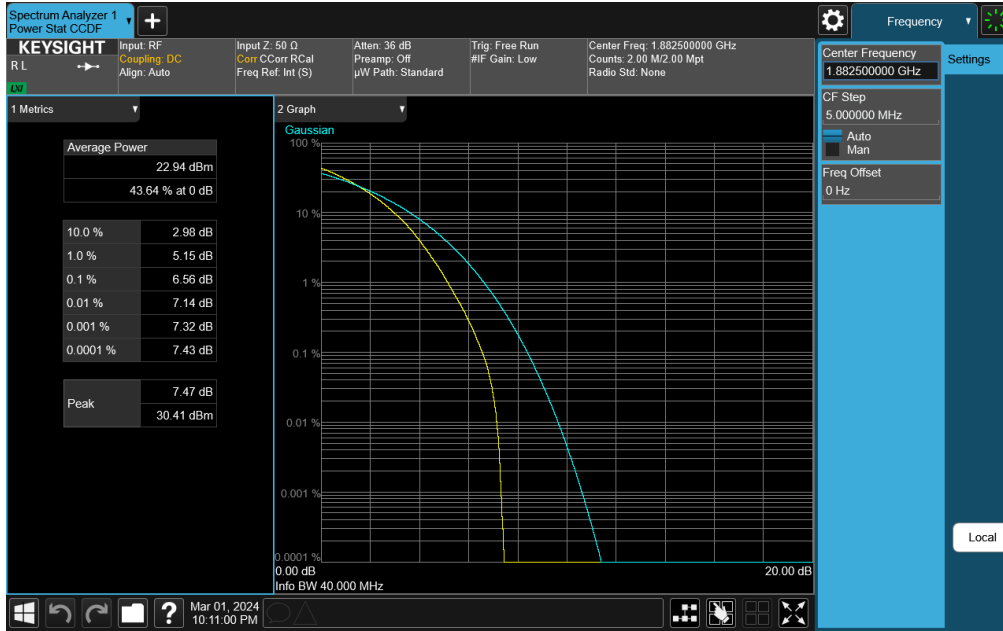
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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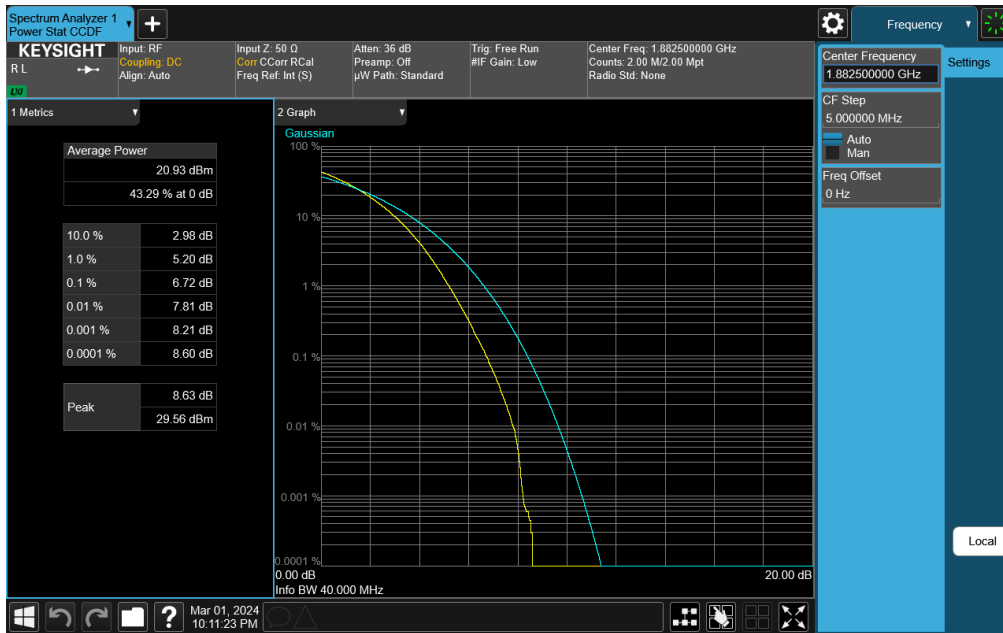
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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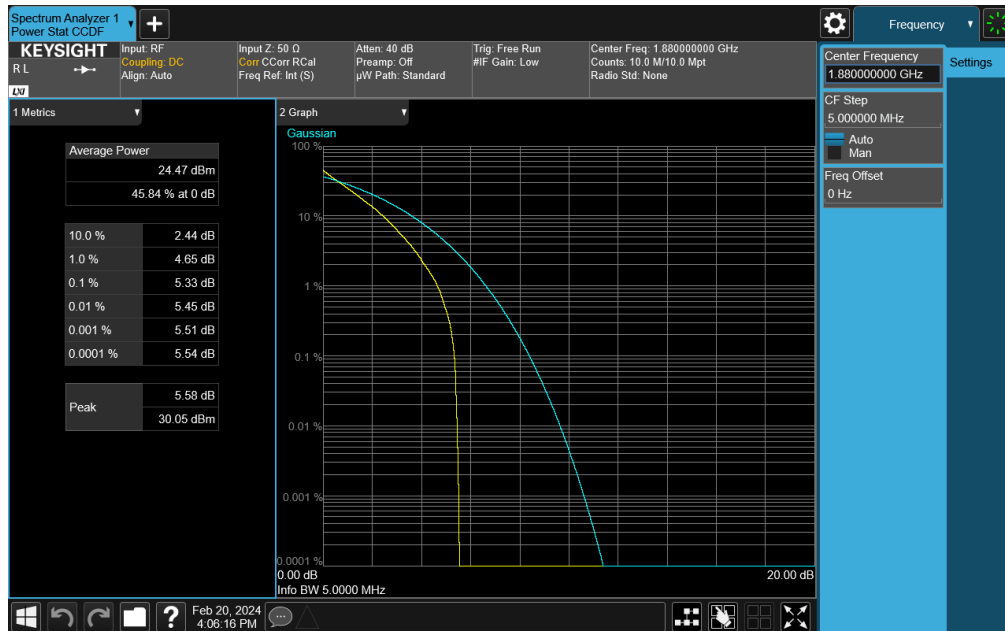
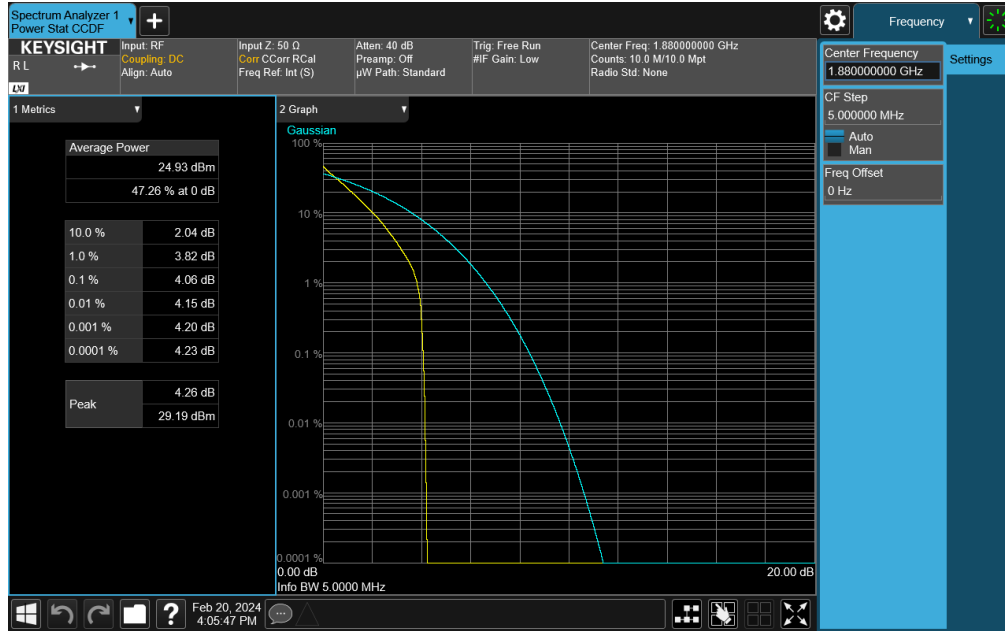
Plot 7-279. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 64-QAM - Full RB)



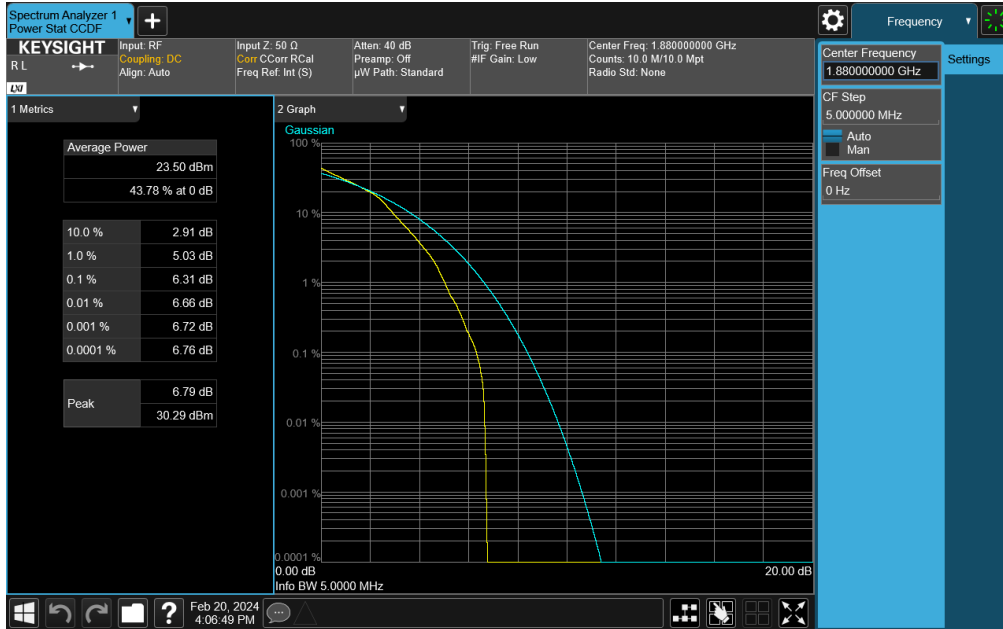
Plot 7-280. PAR Plot (NR Band n25 - 40MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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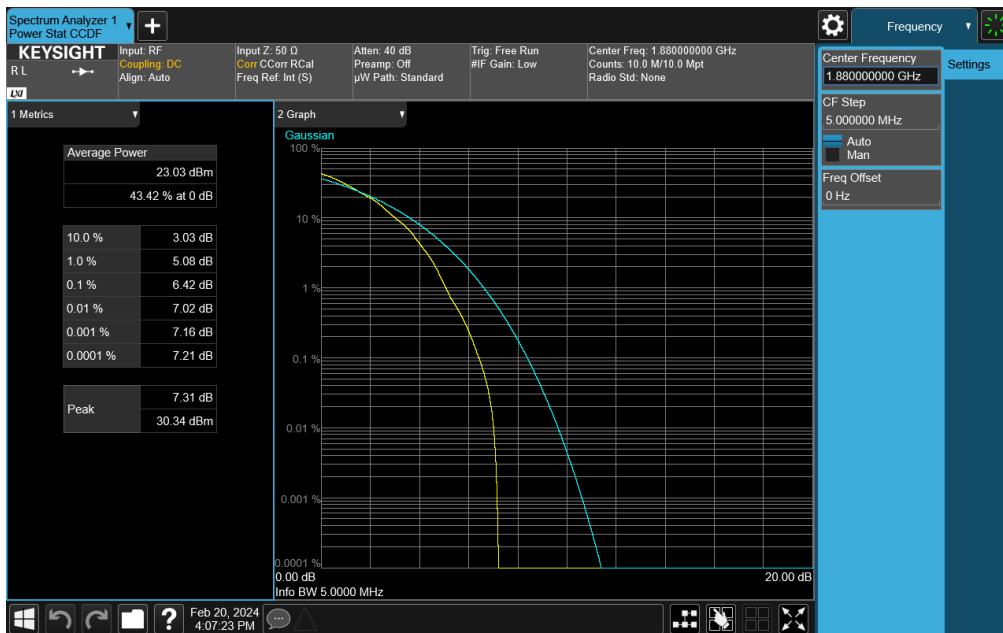
NR Band n2



FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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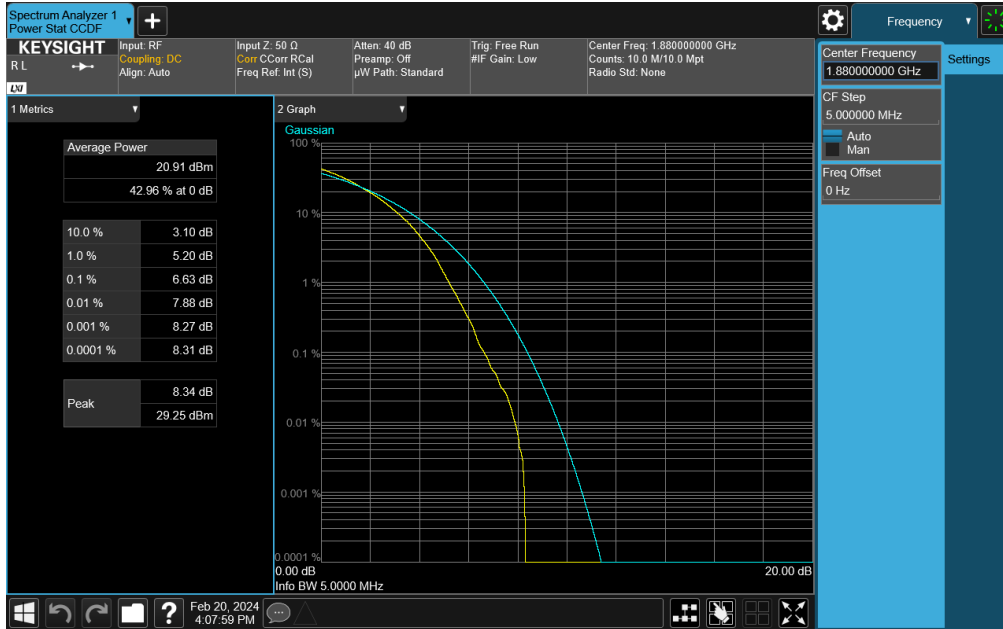


Plot 7-283. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 16-QAM - Full RB)

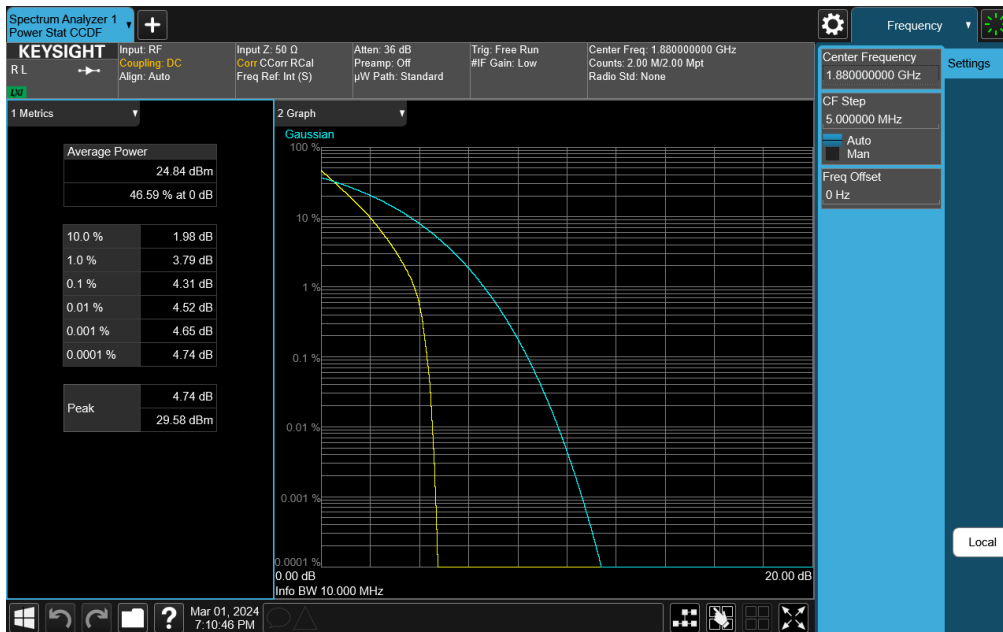


Plot 7-284. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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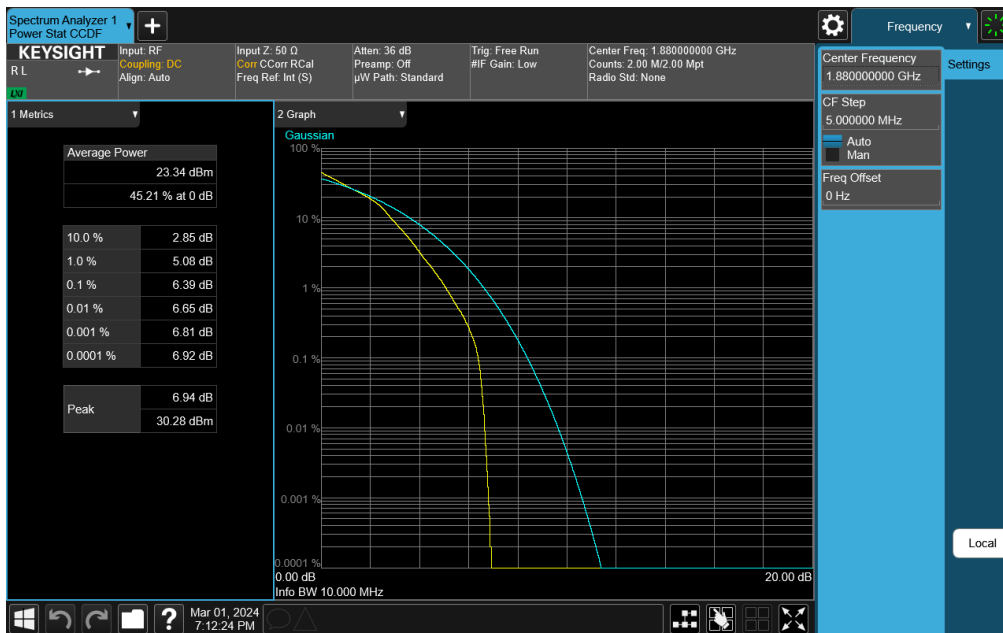
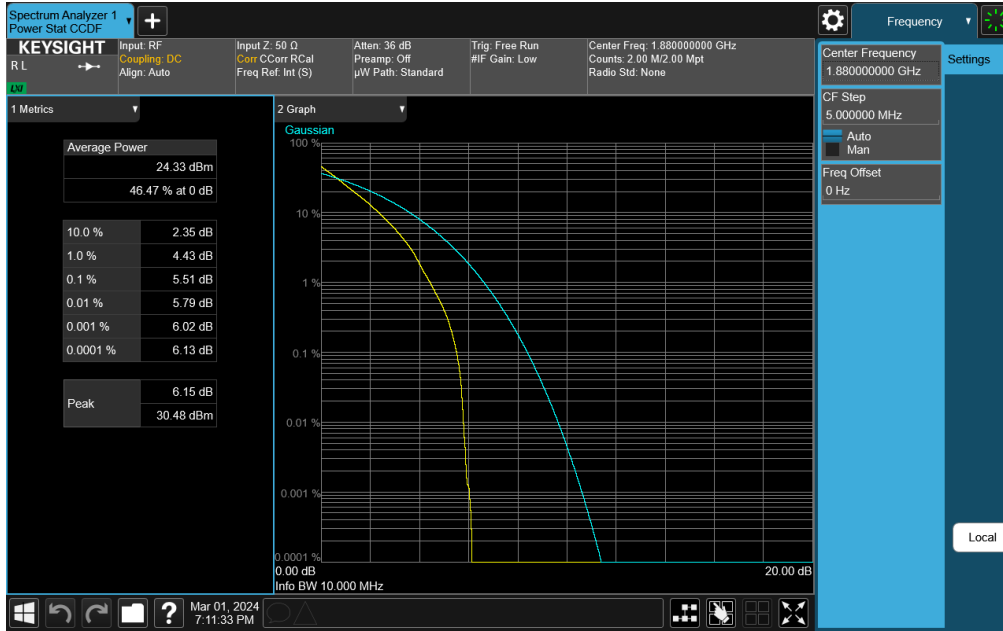



Plot 7-285. PAR Plot (NR Band n2 - 5MHz DFT-s-OFDM 256-QAM - Full RB)

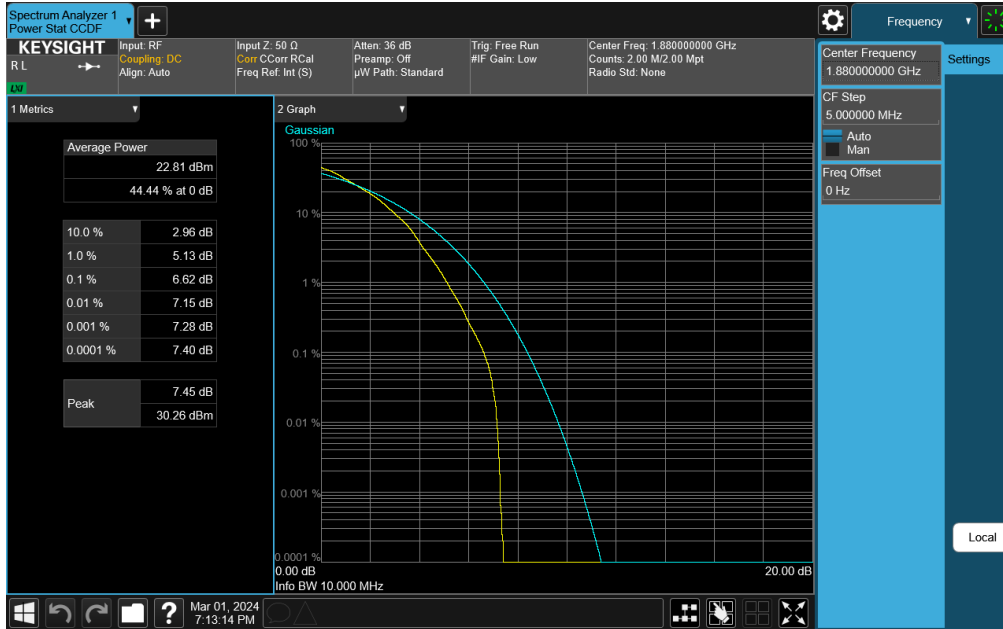


Plot 7-286. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

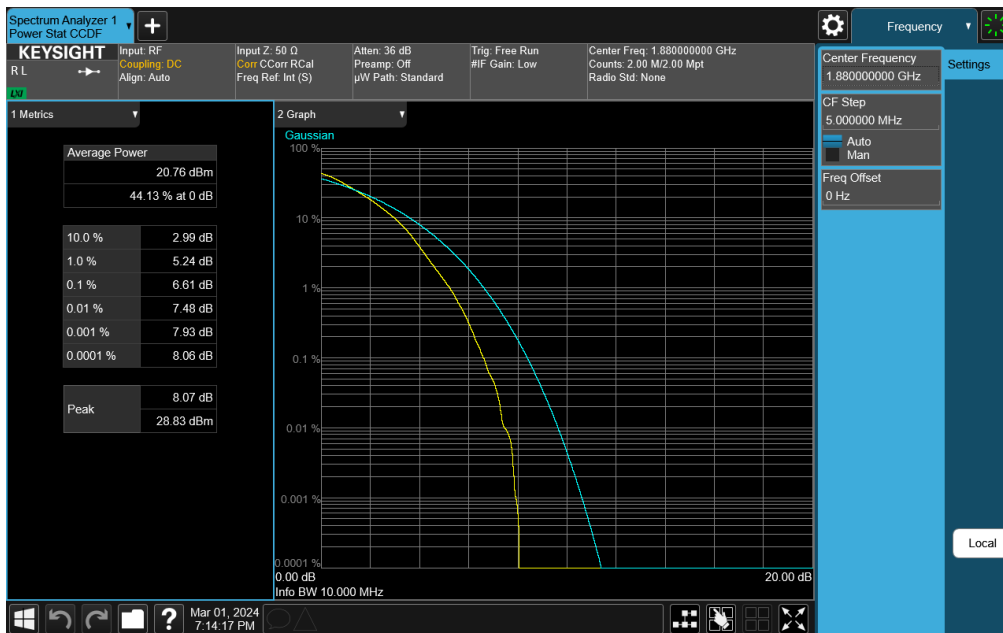
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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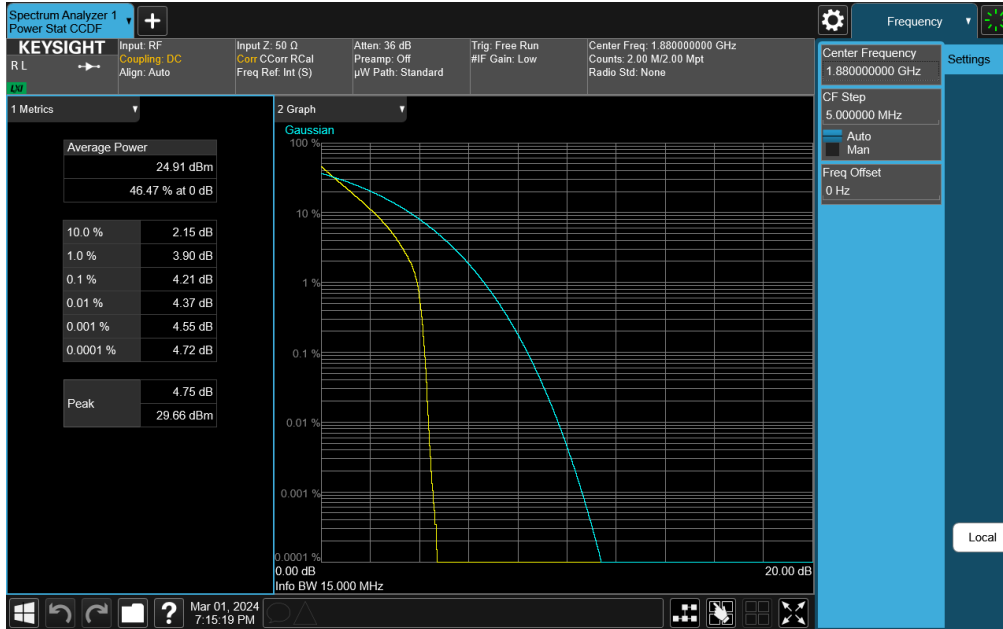


Plot 7-289. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

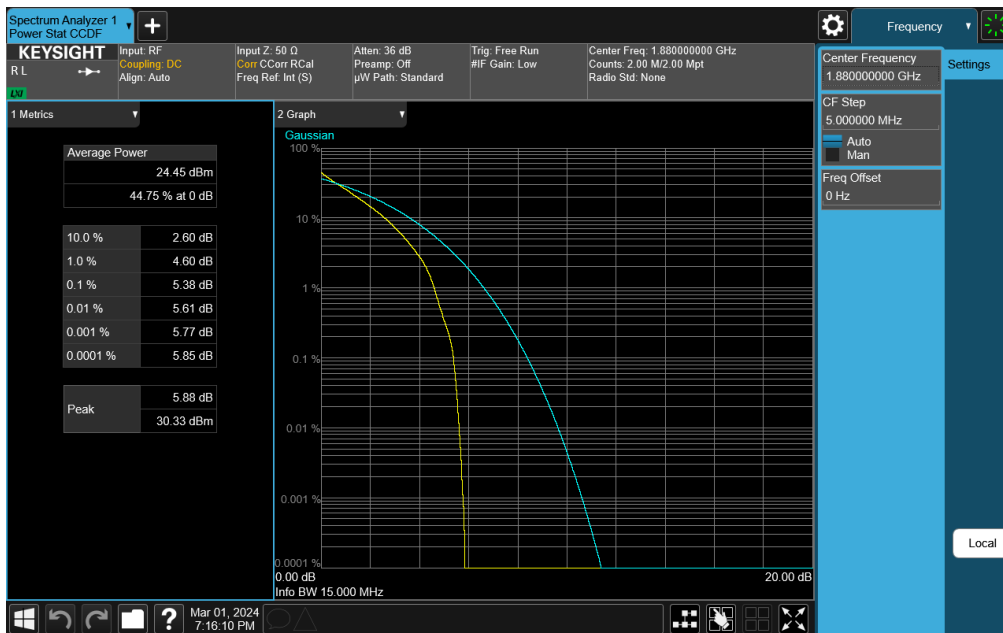


Plot 7-290. PAR Plot (NR Band n2 - 10MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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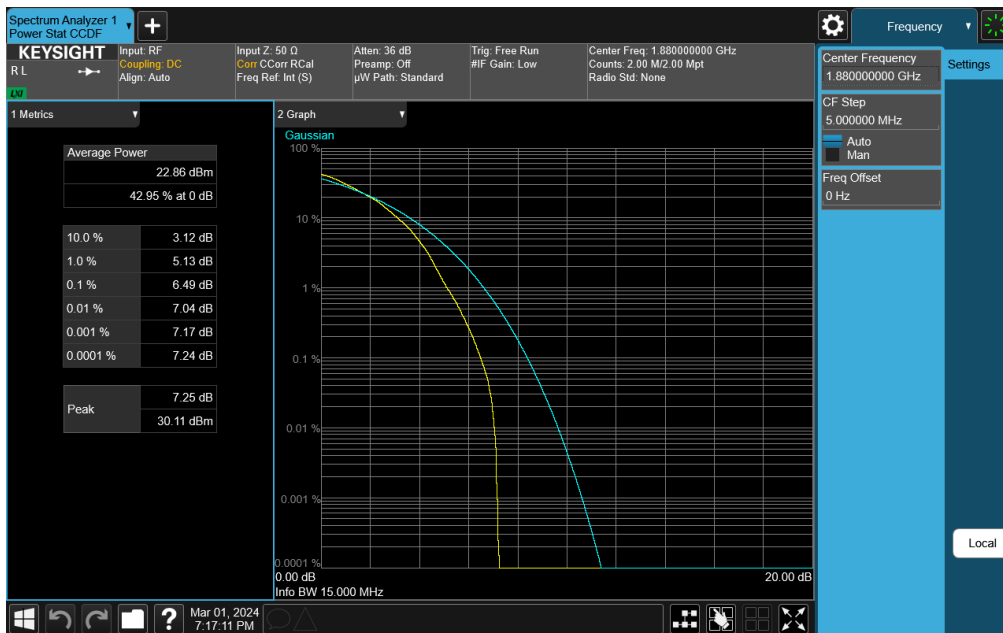
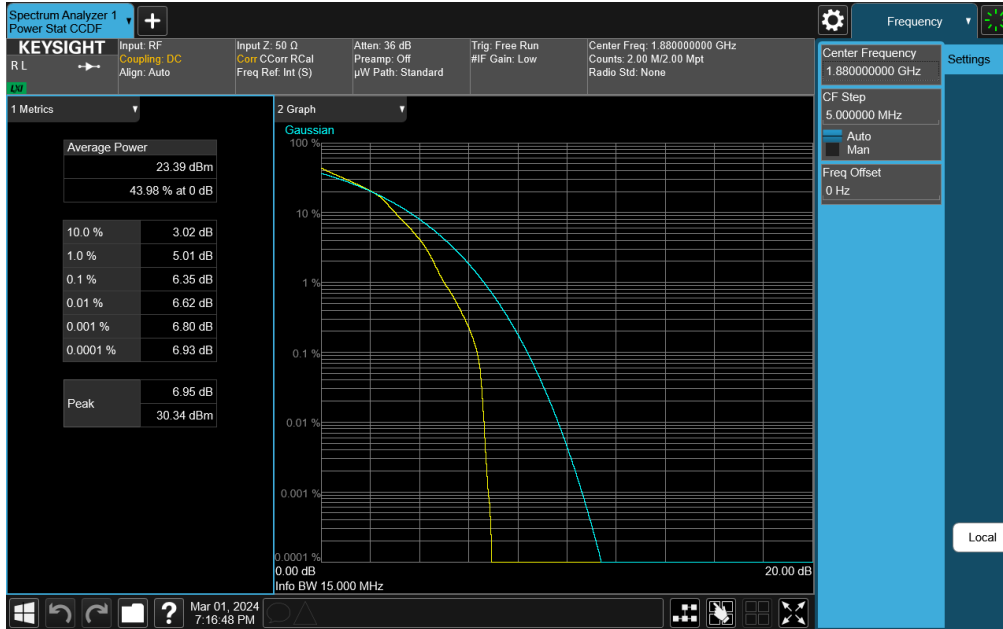


Plot 7-291. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

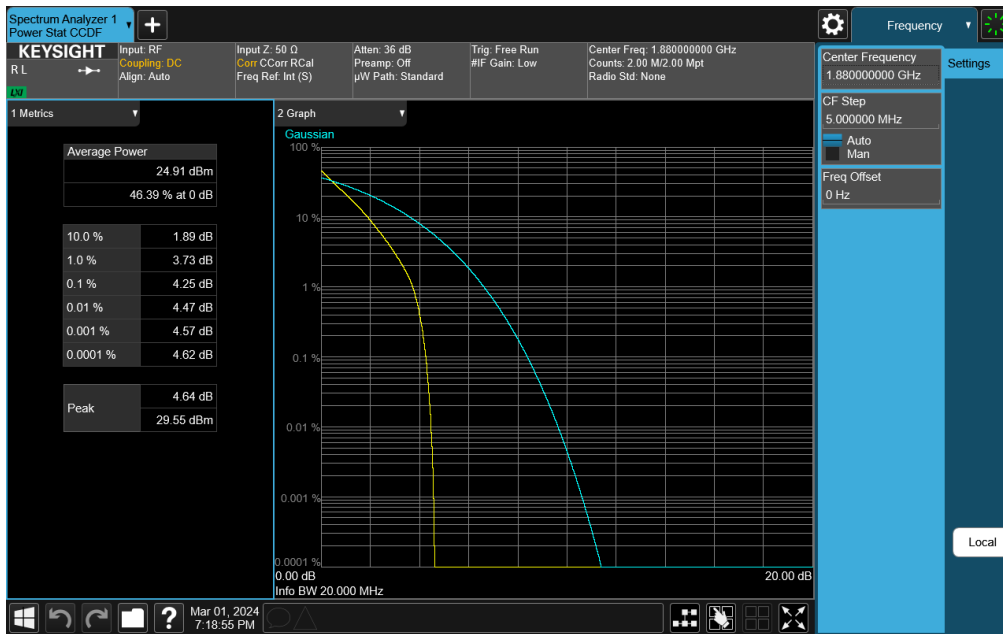
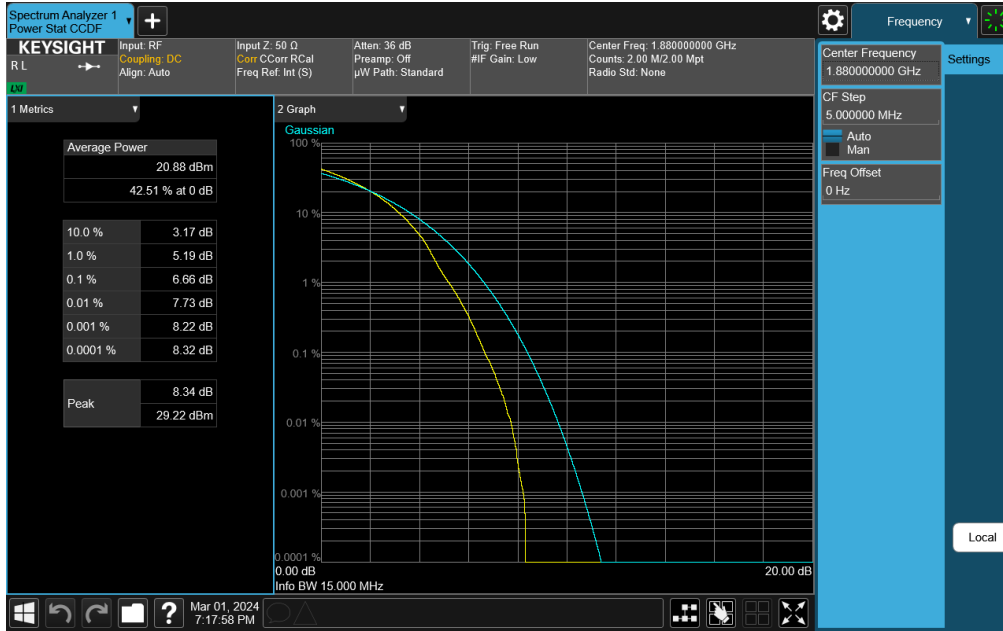


Plot 7-292. PAR Plot (NR Band n2 - 15MHz DFT-s-OFDM QPSK - Full RB)

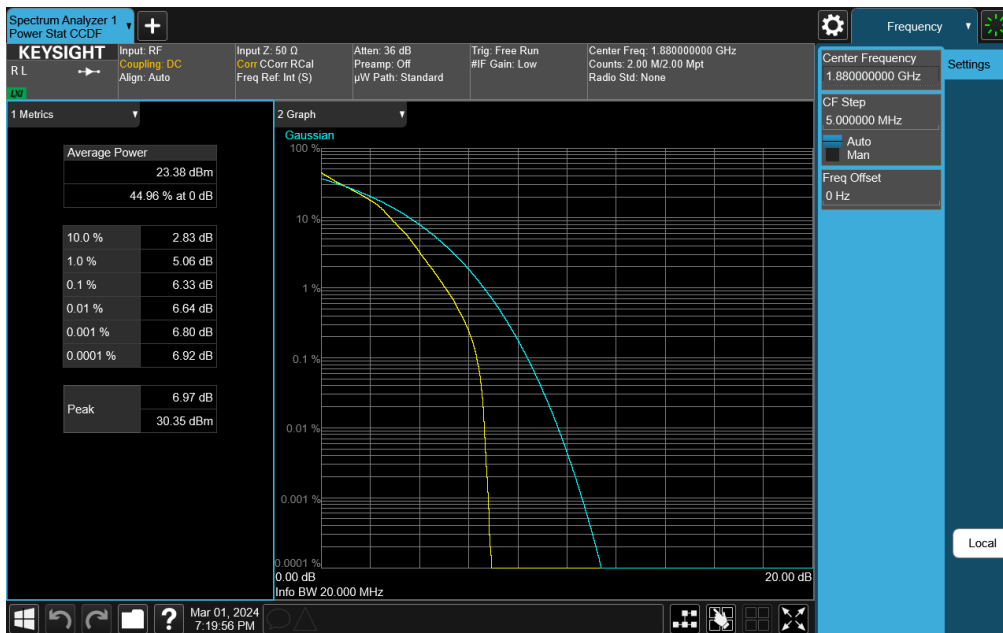
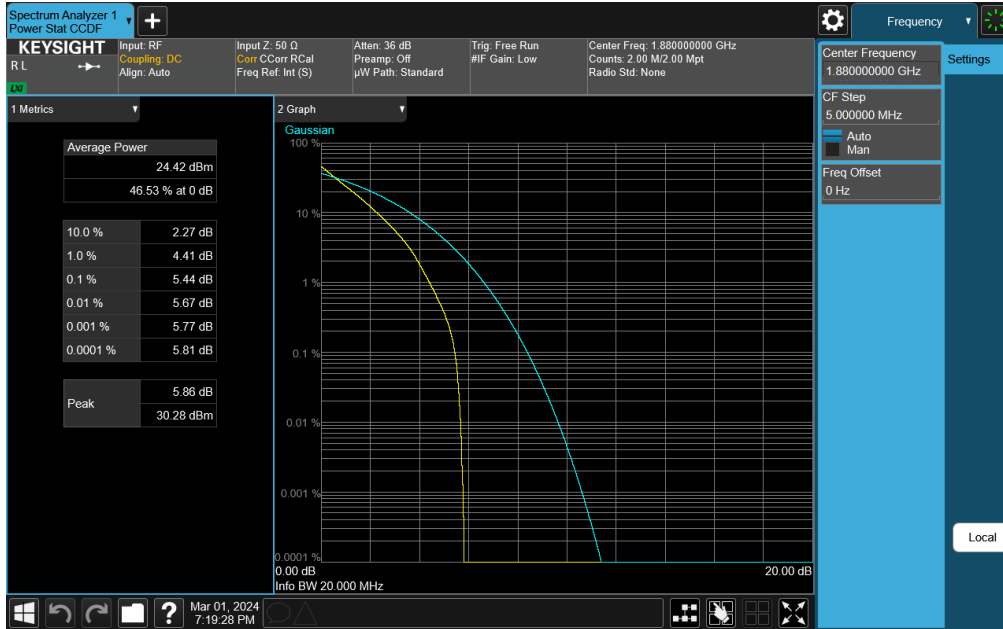
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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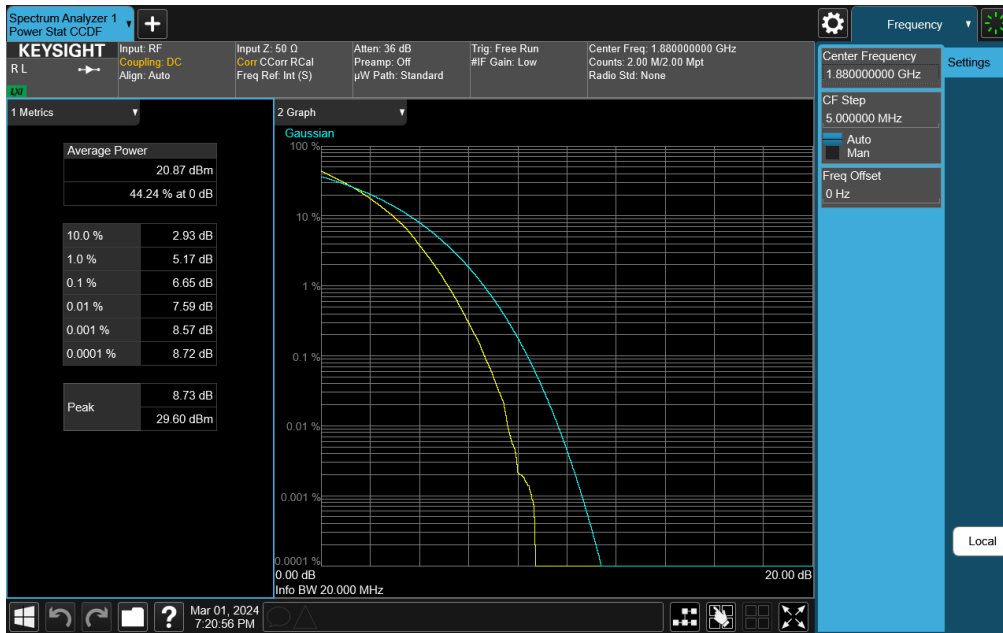
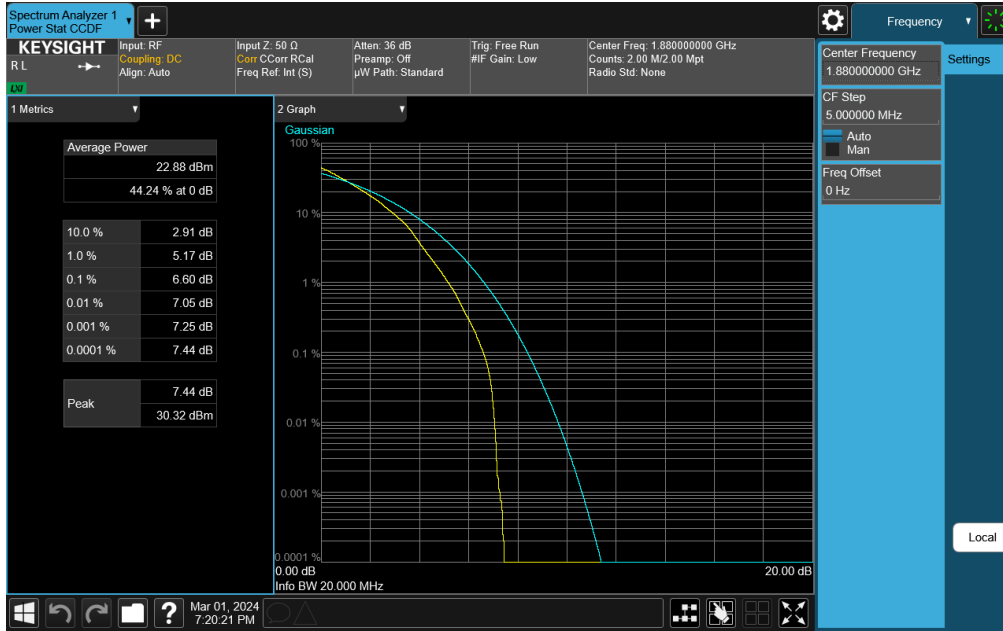
FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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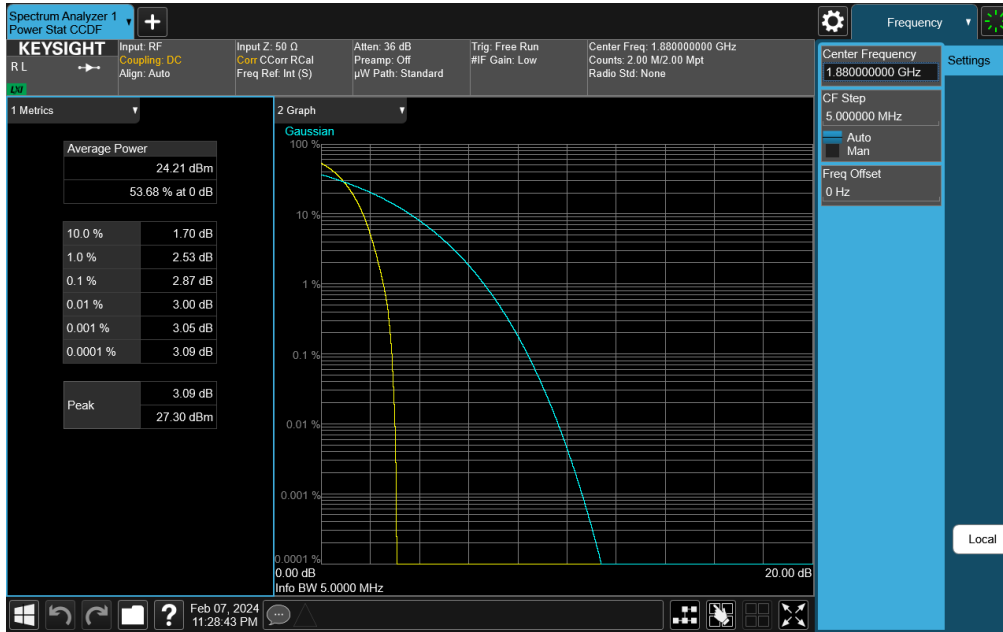


FCC ID: BCGA2899	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
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WCDMA PCS



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.

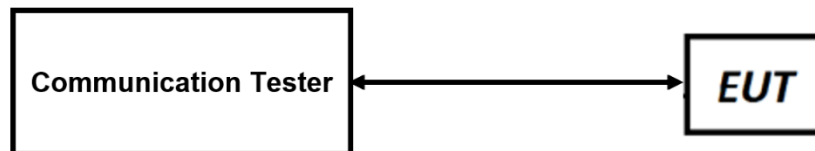




Figure 7-5. EIRP Measurement Setup

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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 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	1.80	1 / 0	25.64	27.44	0.555	33.01	-5.57
		1882.5	1.80	1 / 3	25.62	27.42	0.552	33.01	-5.59
		1914.3	1.80	1 / 3	25.69	27.49	0.561	33.01	-5.52
	16-QAM	1882.5	1.80	1 / 3	24.94	26.74	0.472	33.01	-6.27
	64-QAM	1882.5	1.80	1 / 5	23.92	25.72	0.373	33.01	-7.29
	256-QAM	1882.5	1.80	1 / 0	20.98	22.78	0.190	33.01	-10.23
3 MHz	QPSK	1851.5	1.80	1 / 0	25.47	27.27	0.533	33.01	-5.74
		1882.5	1.80	1 / 0	25.66	27.46	0.557	33.01	-5.55
		1913.5	1.80	1 / 0	25.50	27.30	0.537	33.01	-5.71
	16-QAM	1882.5	1.80	1 / 0	25.05	26.85	0.484	33.01	-6.16
	64-QAM	1851.5	1.80	1 / 0	23.95	25.75	0.376	33.01	-7.26
	256-QAM	1882.5	1.80	1 / 0	21.02	22.82	0.191	33.01	-10.19
5 MHz	QPSK	1852.5	1.80	1 / 0	25.70	27.50	0.562	33.01	-5.51
		1882.5	1.80	1 / 0	25.70	27.50	0.562	33.01	-5.51
		1912.5	1.80	1 / 0	25.58	27.38	0.547	33.01	-5.63
	16-QAM	1882.5	1.80	1 / 0	25.14	26.94	0.494	33.01	-6.07
	64-QAM	1882.5	1.80	1 / 0	24.00	25.80	0.380	33.01	-7.21
	256-QAM	1882.5	1.80	1 / 0	20.90	22.70	0.186	33.01	-10.31
10 MHz	QPSK	1855.0	1.80	1 / 0	25.44	27.24	0.530	33.01	-5.77
		1882.5	1.80	1 / 0	25.68	27.48	0.560	33.01	-5.53
		1910.0	1.80	1 / 0	25.49	27.29	0.536	33.01	-5.72
	16-QAM	1910.0	1.80	1 / 49	25.04	26.84	0.483	33.01	-6.17
	64-QAM	1855.0	1.80	1 / 25	23.87	25.67	0.369	33.01	-7.34
	256-QAM	1882.5	1.80	1 / 49	20.97	22.77	0.189	33.01	-10.24
15 MHz	QPSK	1857.5	1.80	1 / 0	25.54	27.34	0.542	33.01	-5.67
		1882.5	1.80	1 / 0	25.55	27.35	0.543	33.01	-5.66
		1907.5	1.80	1 / 0	25.43	27.23	0.528	33.01	-5.78
	16-QAM	1907.5	1.80	1 / 0	24.83	26.63	0.460	33.01	-6.38
	64-QAM	1857.5	1.80	1 / 0	23.82	25.62	0.365	33.01	-7.39
	256-QAM	1882.5	1.80	1 / 0	21.02	22.82	0.191	33.01	-10.19
20 MHz	QPSK	1860.0	1.80	1 / 0	25.52	27.32	0.540	33.01	-5.69
		1882.5	1.80	1 / 0	25.34	27.14	0.518	33.01	-5.87
		1905.0	1.80	1 / 0	25.61	27.41	0.551	33.01	-5.60
	16-QAM	1905.0	1.80	1 / 0	25.18	26.98	0.499	33.01	-6.03
	64-QAM	1905.0	1.80	1 / 0	23.90	25.70	0.372	33.01	-7.31
	256-QAM	1860.0	1.80	1 / 0	21.02	22.82	0.191	33.01	-10.19


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]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1850.7	1.80	1 / 0	25.46	27.26	0.532	33.01	-5.75
		1880.0	1.80	1 / 5	25.49	27.29	0.536	33.01	-5.72
		1909.3	1.80	1 / 0	25.68	27.48	0.560	33.01	-5.53
	16-QAM	1880.0	1.80	1 / 5	25.01	26.81	0.480	33.01	-6.20
	64-QAM	1880.0	1.80	1 / 0	23.86	25.66	0.368	33.01	-7.35
	256-QAM	1880.0	1.80	1 / 3	20.97	22.77	0.189	33.01	-10.24
3 MHz	QPSK	1851.5	1.80	1 / 0	25.38	27.18	0.522	33.01	-5.83
		1880.0	1.80	1 / 0	25.65	27.45	0.556	33.01	-5.56
		1908.5	1.80	1 / 0	25.56	27.36	0.545	33.01	-5.65
	16-QAM	1908.5	1.80	1 / 0	25.05	26.85	0.484	33.01	-6.16
	64-QAM	1908.5	1.80	1 / 0	23.81	25.61	0.364	33.01	-7.40
	256-QAM	1908.5	1.80	1 / 14	21.01	22.81	0.191	33.01	-10.20
5 MHz	QPSK	1852.5	1.80	1 / 0	25.43	27.23	0.528	33.01	-5.78
		1880.0	1.80	1 / 0	25.70	27.50	0.562	33.01	-5.51
		1907.5	1.80	1 / 0	25.58	27.38	0.547	33.01	-5.63
	16-QAM	1880.0	1.80	1 / 0	25.04	26.84	0.483	33.01	-6.17
	64-QAM	1907.5	1.80	1 / 0	23.94	25.74	0.375	33.01	-7.27
	256-QAM	1880.0	1.80	1 / 0	20.98	22.78	0.190	33.01	-10.23
10 MHz	QPSK	1855.0	1.80	1 / 49	25.42	27.22	0.527	33.01	-5.79
		1880.0	1.80	1 / 49	25.65	27.45	0.556	33.01	-5.56
		1905.0	1.80	1 / 0	25.58	27.38	0.547	33.01	-5.63
	16-QAM	1905.0	1.80	1 / 25	25.08	26.88	0.488	33.01	-6.13
	64-QAM	1905.0	1.80	1 / 25	23.83	25.63	0.366	33.01	-7.38
	256-QAM	1905.0	1.80	1 / 25	20.94	22.74	0.188	33.01	-10.27
15 MHz	QPSK	1857.5	1.80	1 / 74	25.28	27.08	0.511	33.01	-5.93
		1880.0	1.80	1 / 0	25.67	27.47	0.558	33.01	-5.54
		1902.5	1.80	1 / 0	25.46	27.26	0.532	33.01	-5.75
	16-QAM	1902.5	1.80	1 / 0	24.92	26.72	0.470	33.01	-6.29
	64-QAM	1902.5	1.80	1 / 0	23.74	25.54	0.358	33.01	-7.47
	256-QAM	1902.5	1.80	1 / 37	20.83	22.63	0.183	33.01	-10.38
20 MHz	QPSK	1860.0	1.80	1 / 99	25.35	27.15	0.519	33.01	-5.86
		1880.0	1.80	1 / 0	25.29	27.09	0.512	33.01	-5.92
		1900.0	1.80	1 / 0	25.63	27.43	0.553	33.01	-5.58
	16-QAM	1900.0	1.80	1 / 0	25.18	26.98	0.499	33.01	-6.03
	64-QAM	1900.0	1.80	1 / 0	23.99	25.79	0.379	33.01	-7.22
	256-QAM	1880.0	1.80	1 / 0	20.78	22.58	0.181	33.01	-10.43


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

FCC ID: BCGA2899	 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	1.80	1 / 1	25.64	27.44	0.555	33.01	-5.57
		1880.0	1.80	1 / 1	25.64	27.44	0.554	33.01	-5.57
		1907.5	1.80	1 / 1	25.66	27.46	0.557	33.01	-5.55
	QPSK	1852.5	1.80	1 / 23	25.68	27.48	0.560	33.01	-5.53
		1880.0	1.80	1 / 12	25.61	27.41	0.551	33.01	-5.60
		1907.5	1.80	1 / 12	25.70	27.50	0.562	33.01	-5.51
	16-QAM	1907.5	1.80	1 / 12	24.93	26.73	0.471	33.01	-6.28
	64-QAM	1880.0	1.80	1 / 1	23.04	24.84	0.305	33.01	-8.17
256-QAM	1907.5	1.80	1 / 1	21.62	23.42	0.220	33.01	-9.59	
10 MHz	π/2 BPSK	1855.0	1.80	1 / 1	25.64	27.44	0.555	33.01	-5.57
		1880.0	1.80	1 / 1	25.62	27.42	0.552	33.01	-5.59
		1905.0	1.80	1 / 1	25.66	27.46	0.557	33.01	-5.55
	QPSK	1855.0	1.80	1 / 1	25.70	27.50	0.562	33.01	-5.51
		1880.0	1.80	1 / 1	25.62	27.42	0.552	33.01	-5.59
		1905.0	1.80	1 / 25	25.67	27.47	0.559	33.01	-5.54
	16-QAM	1855.0	1.80	1 / 25	25.04	26.84	0.483	33.01	-6.17
	64-QAM	1855.0	1.80	1 / 1	23.65	25.45	0.351	33.01	-7.56
256-QAM	1905.0	1.80	1 / 1	21.61	23.41	0.219	33.01	-9.60	
15 MHz	π/2 BPSK	1857.5	1.80	1 / 77	25.70	27.50	0.562	33.01	-5.51
		1880.0	1.80	1 / 36	25.70	27.50	0.562	33.01	-5.51
		1902.5	1.80	1 / 1	25.70	27.50	0.562	33.01	-5.51
	QPSK	1857.5	1.80	1 / 1	25.60	27.40	0.549	33.01	-5.61
		1880.0	1.80	1 / 36	25.60	27.40	0.549	33.01	-5.62
		1902.5	1.80	1 / 77	25.70	27.50	0.562	33.01	-5.51
	16-QAM	1902.5	1.80	1 / 36	24.89	26.69	0.466	33.01	-6.32
	64-QAM	1902.5	1.80	1 / 1	23.41	25.21	0.332	33.01	-7.80
256-QAM	1902.5	1.80	1 / 36	21.16	22.96	0.198	33.01	-10.05	
20 MHz	π/2 BPSK	1860.0	1.80	1 / 104	25.60	27.40	0.550	33.01	-5.61
		1880.0	1.80	1 / 104	25.65	27.45	0.556	33.01	-5.56
		1900.0	1.80	1 / 50	25.66	27.46	0.558	33.01	-5.55
	QPSK	1860.0	1.80	1 / 1	25.64	27.44	0.555	33.01	-5.57
		1880.0	1.80	1 / 1	25.68	27.48	0.560	33.01	-5.53
		1900.0	1.80	1 / 50	25.70	27.50	0.562	33.01	-5.51
	16-QAM	1900.0	1.80	1 / 50	25.15	26.95	0.495	33.01	-6.06
	64-QAM	1880.0	1.80	1 / 50	23.84	25.64	0.366	33.01	-7.37
256-QAM	1860.0	1.80	1 / 1	21.71	23.51	0.224	33.01	-9.50	


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

FCC ID: BCGA2899	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	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	25.62	1.80	27.42	0.552	33.01	-5.59
1880.00	WCDMA1900	25.70	1.80	27.50	0.562	33.01	-5.51
1907.60	WCDMA1900	25.58	1.80	27.38	0.547	33.01	-5.63

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


FCC ID: BCGA2899	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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7.6.2 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	0.70	1 / 0	22.64	23.34	0.216	33.01	-9.67
		1882.5	0.70	1 / 0	22.69	23.39	0.218	33.01	-9.62
		1914.3	0.70	1 / 0	22.58	23.28	0.213	33.01	-9.73
	16-QAM	1914.3	0.70	1 / 0	21.82	22.52	0.179	33.01	-10.49
	64-QAM	1882.5	0.70	1 / 0	21.00	21.70	0.148	33.01	-11.31
	256-QAM	1882.5	0.70	1 / 0	17.94	18.64	0.073	33.01	-14.37
3 MHz	QPSK	1851.5	0.70	1 / 0	22.36	23.06	0.202	33.01	-9.95
		1882.5	0.70	1 / 0	22.66	23.36	0.217	33.01	-9.65
		1913.5	0.70	1 / 0	22.45	23.15	0.207	33.01	-9.86
	16-QAM	1882.5	0.70	1 / 0	21.92	22.62	0.183	33.01	-10.39
	64-QAM	1882.5	0.70	1 / 0	20.90	21.60	0.145	33.01	-11.41
	256-QAM	1882.5	0.70	1 / 0	18.09	18.79	0.076	33.01	-14.22
5 MHz	QPSK	1852.5	0.70	1 / 0	22.70	23.40	0.219	33.01	-9.61
		1882.5	0.70	1 / 0	22.70	23.40	0.219	33.01	-9.61
		1912.5	0.70	1 / 0	22.48	23.18	0.208	33.01	-9.83
	16-QAM	1882.5	0.70	1 / 0	22.07	22.77	0.189	33.01	-10.24
	64-QAM	1882.5	0.70	1 / 0	20.86	21.56	0.143	33.01	-11.45
	256-QAM	1852.5	0.70	1 / 0	17.97	18.67	0.074	33.01	-14.34
10 MHz	QPSK	1855.0	0.70	1 / 0	22.44	23.14	0.206	33.01	-9.87
		1882.5	0.70	1 / 49	22.60	23.30	0.214	33.01	-9.71
		1910.0	0.70	1 / 0	22.42	23.12	0.205	33.01	-9.89
	16-QAM	1882.5	0.70	1 / 49	21.93	22.63	0.183	33.01	-10.38
	64-QAM	1855.0	0.70	1 / 49	20.82	21.52	0.142	33.01	-11.49
	256-QAM	1882.5	0.70	1 / 49	17.96	18.66	0.073	33.01	-14.35
15 MHz	QPSK	1857.5	0.70	1 / 0	22.49	23.19	0.208	33.01	-9.82
		1882.5	0.70	1 / 0	22.52	23.22	0.210	33.01	-9.79
		1907.5	0.70	1 / 0	22.41	23.11	0.205	33.01	-9.90
	16-QAM	1907.5	0.70	1 / 0	21.82	22.52	0.179	33.01	-10.49
	64-QAM	1857.5	0.70	1 / 74	20.73	21.43	0.139	33.01	-11.58
	256-QAM	1882.5	0.70	1 / 0	18.00	18.70	0.074	33.01	-14.31
20 MHz	QPSK	1860.0	0.70	1 / 0	22.45	23.15	0.207	33.01	-9.86
		1882.5	0.70	1 / 0	22.27	22.97	0.198	33.01	-10.04
		1905.0	0.70	1 / 0	22.53	23.23	0.210	33.01	-9.78
	16-QAM	1882.5	0.70	1 / 0	22.11	22.81	0.191	33.01	-10.20
	64-QAM	1882.5	0.70	1 / 0	20.98	21.68	0.147	33.01	-11.33
	256-QAM	1860.0	0.70	1 / 0	17.90	18.60	0.072	33.01	-14.41

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

FCC ID: BCGA2899	 PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270066-08.BCG	Test Dates: 10/01/2023 - 03/07/2024	EUT Type: Tablet Device
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