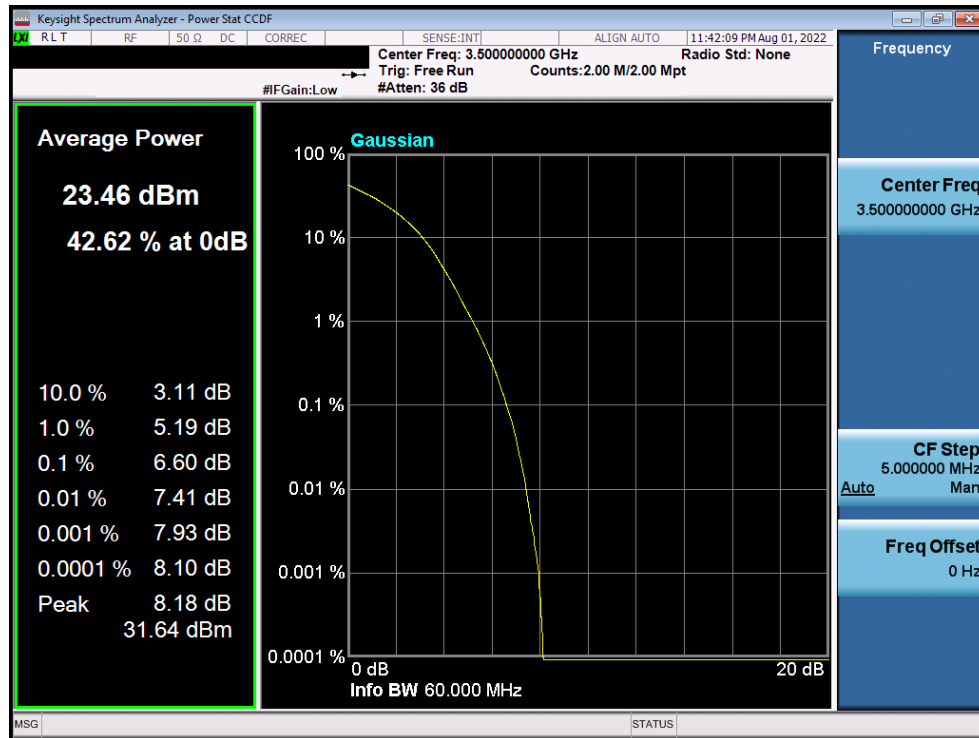
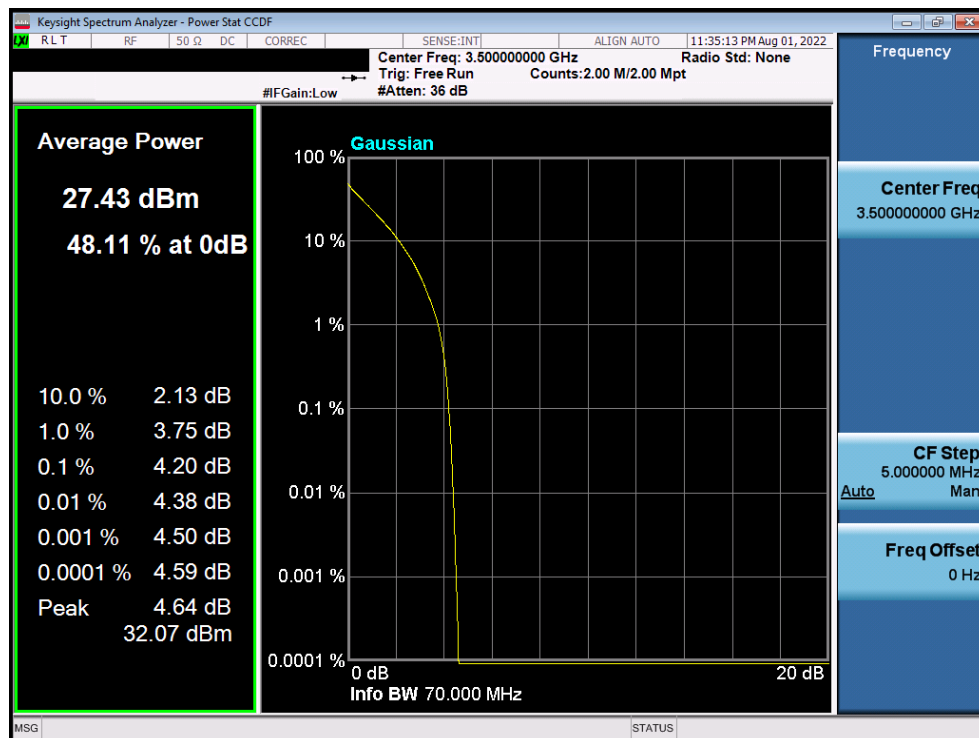




Plot 7-207. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 256-QAM - Full RB)

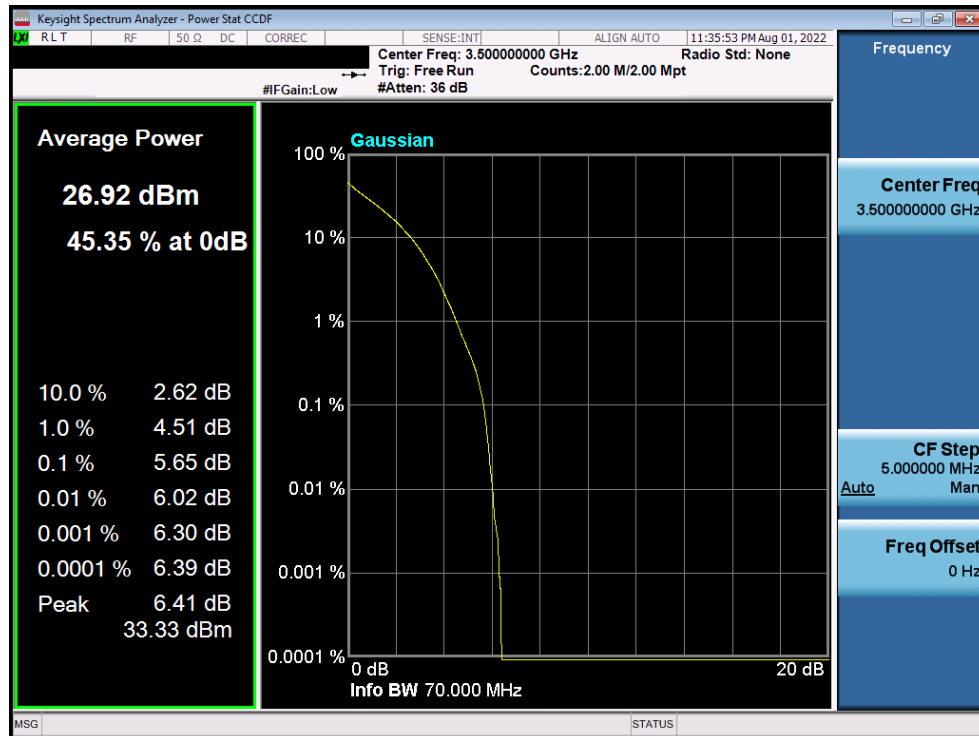


Plot 7-208. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

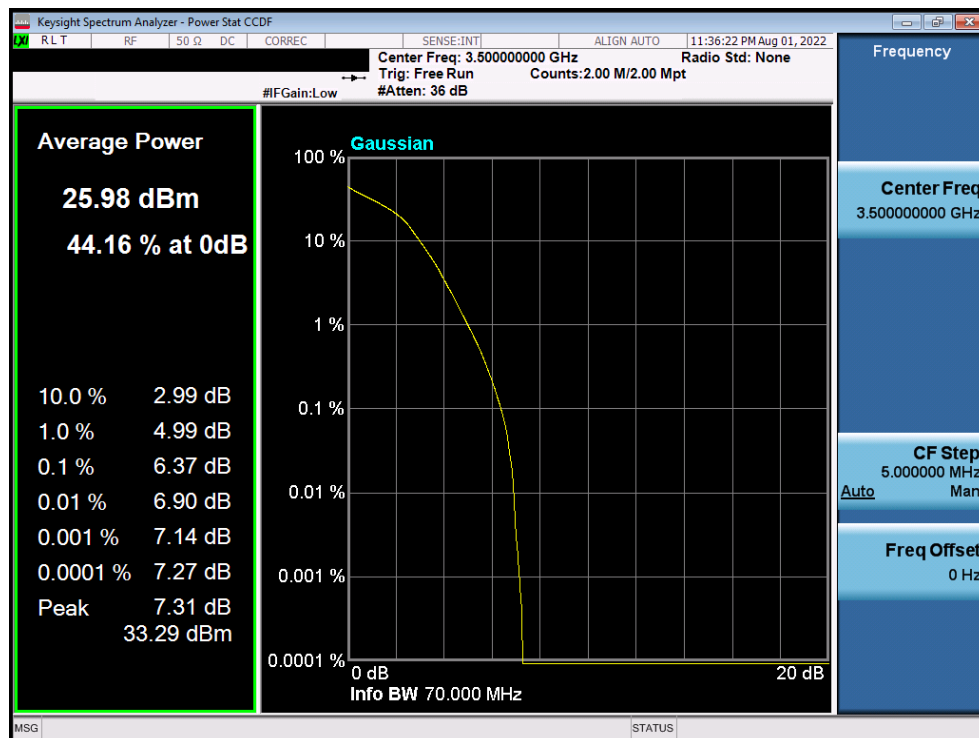
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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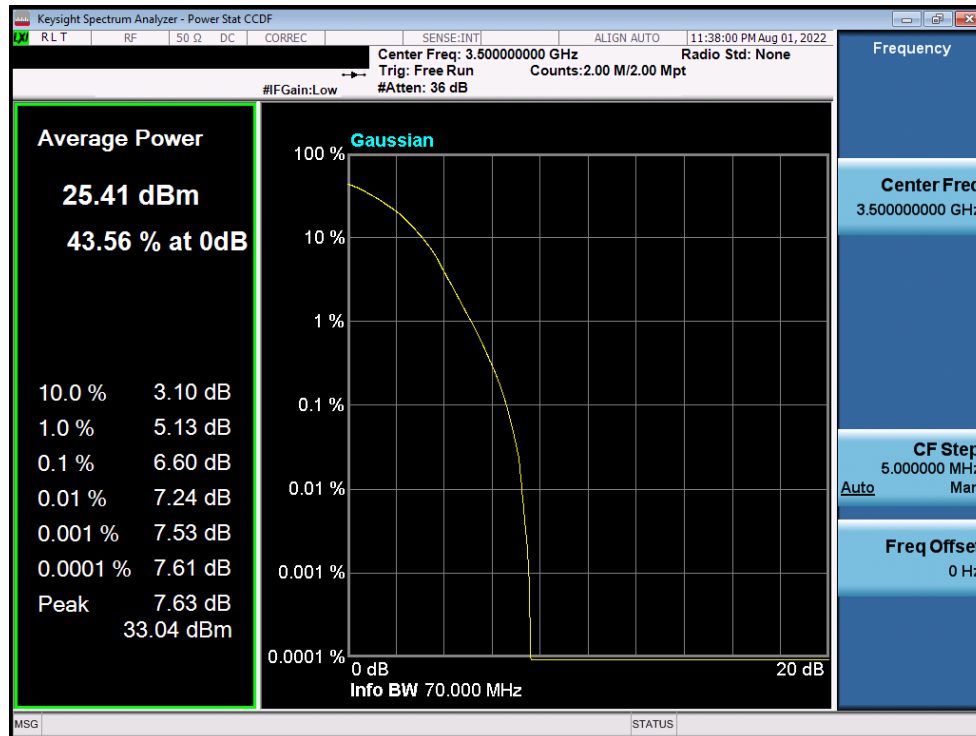


Plot 7-209. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)

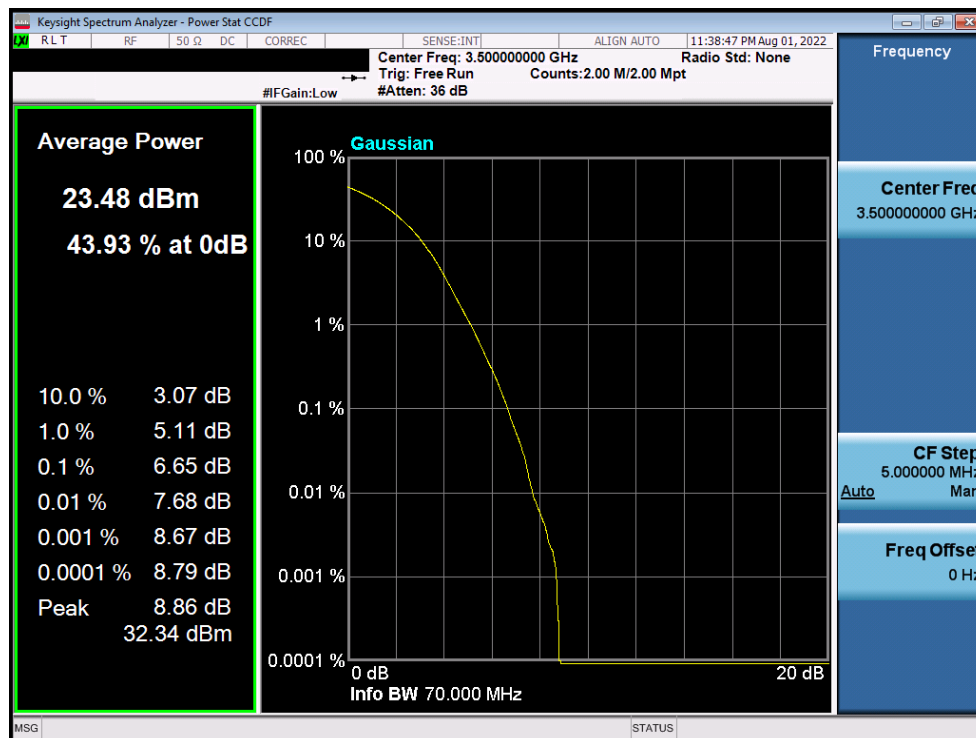


Plot 7-210. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 129 of 200



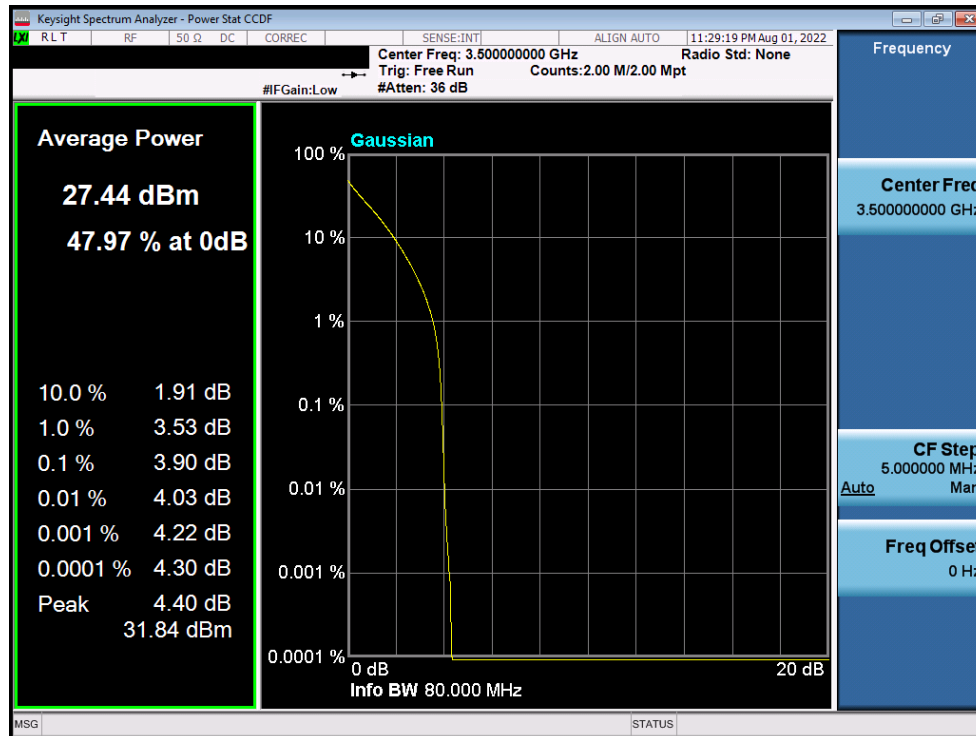
Plot 7-211. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 64-QAM - Full RB)



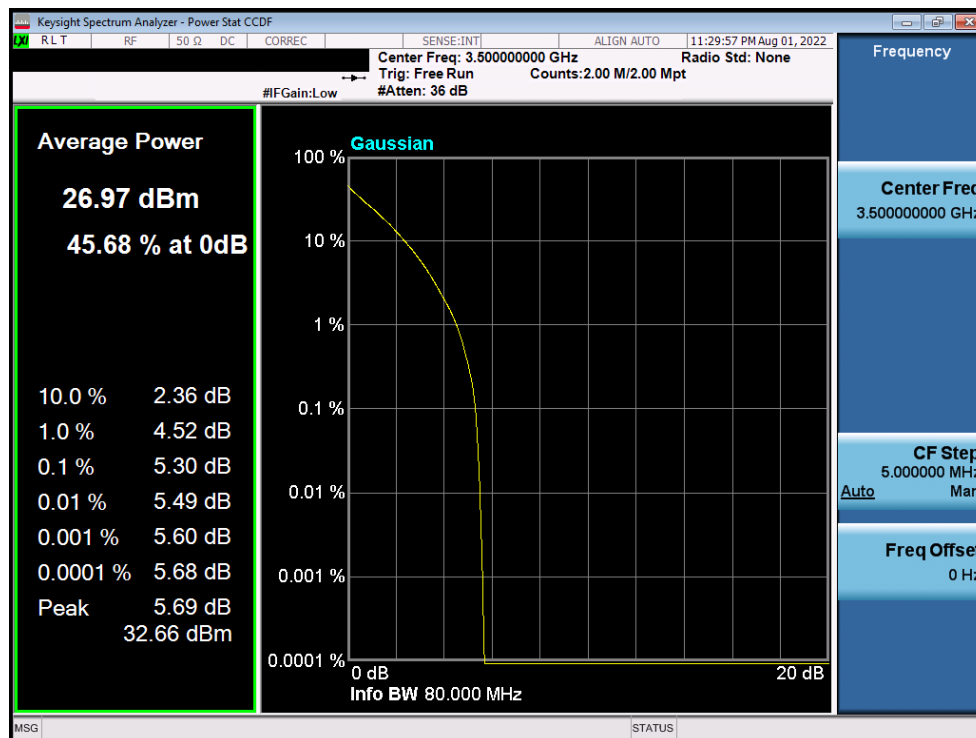
Plot 7-212. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 130 of 200

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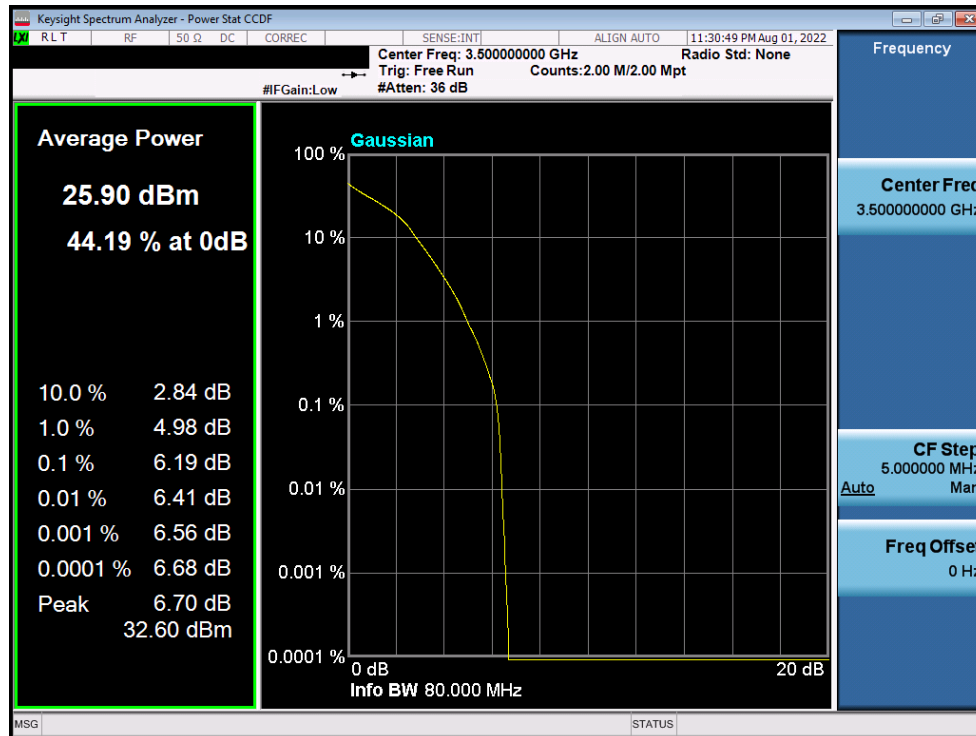
Plot 7-213. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



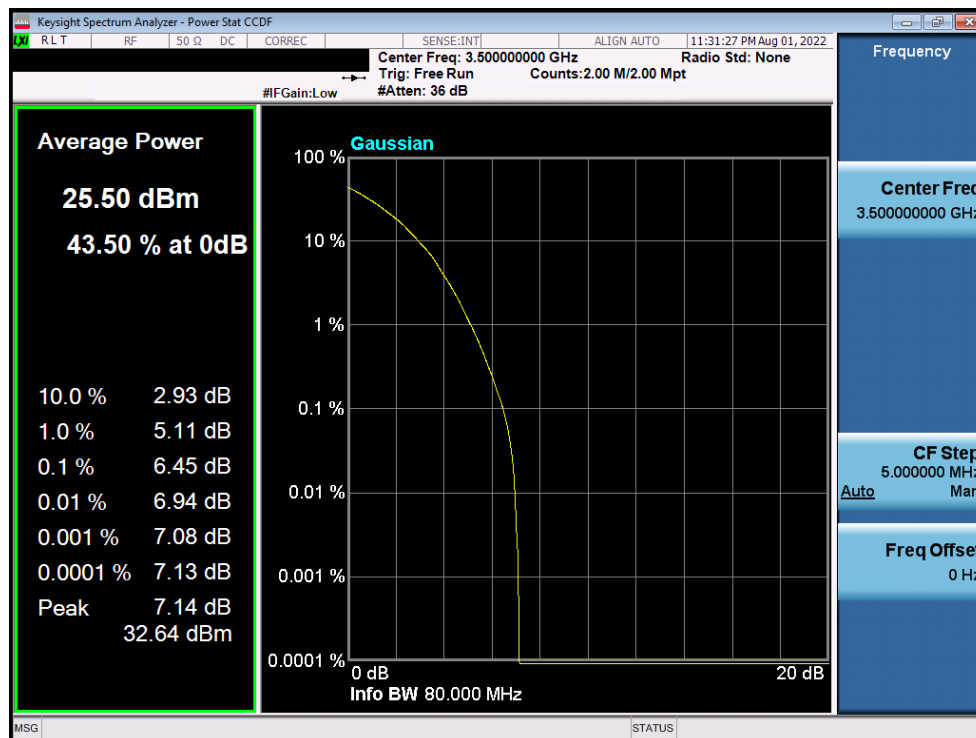
Plot 7-214. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 131 of 200

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Plot 7-215. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 16-QAM - Full RB)

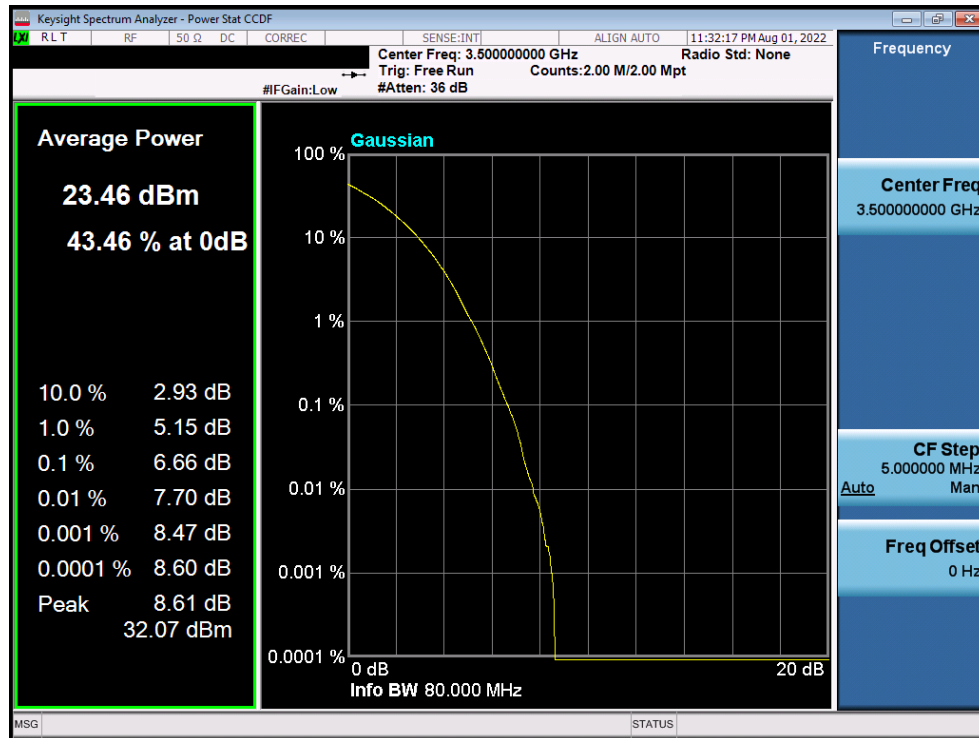


Plot 7-216. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 64-QAM - Full RB)

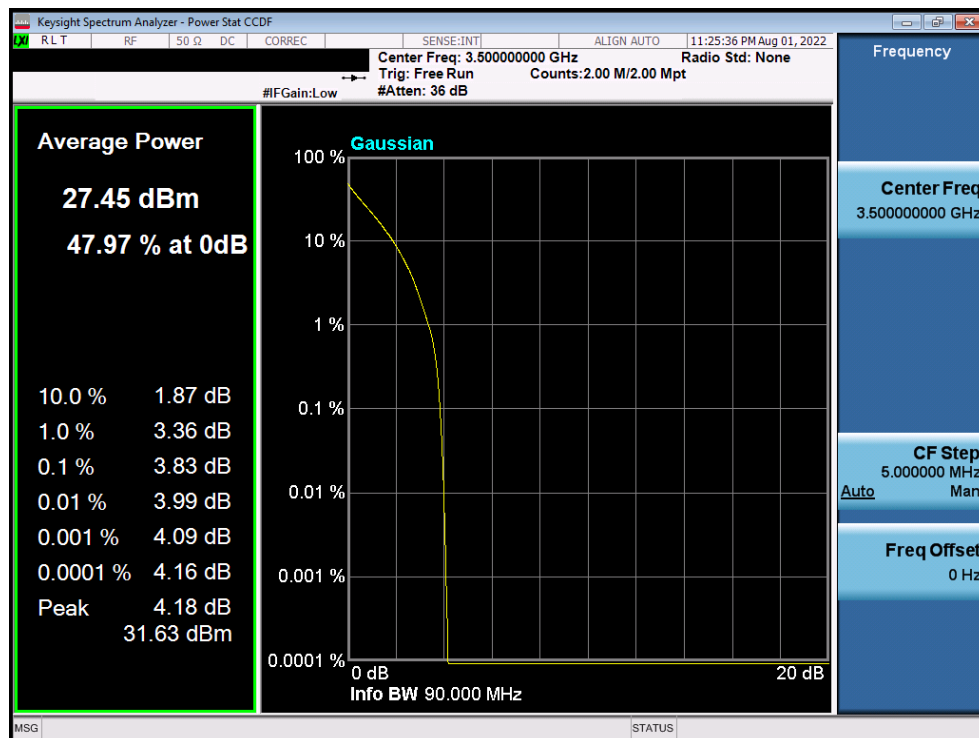
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 132 of 200

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Plot 7-217. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 256-QAM - Full RB)

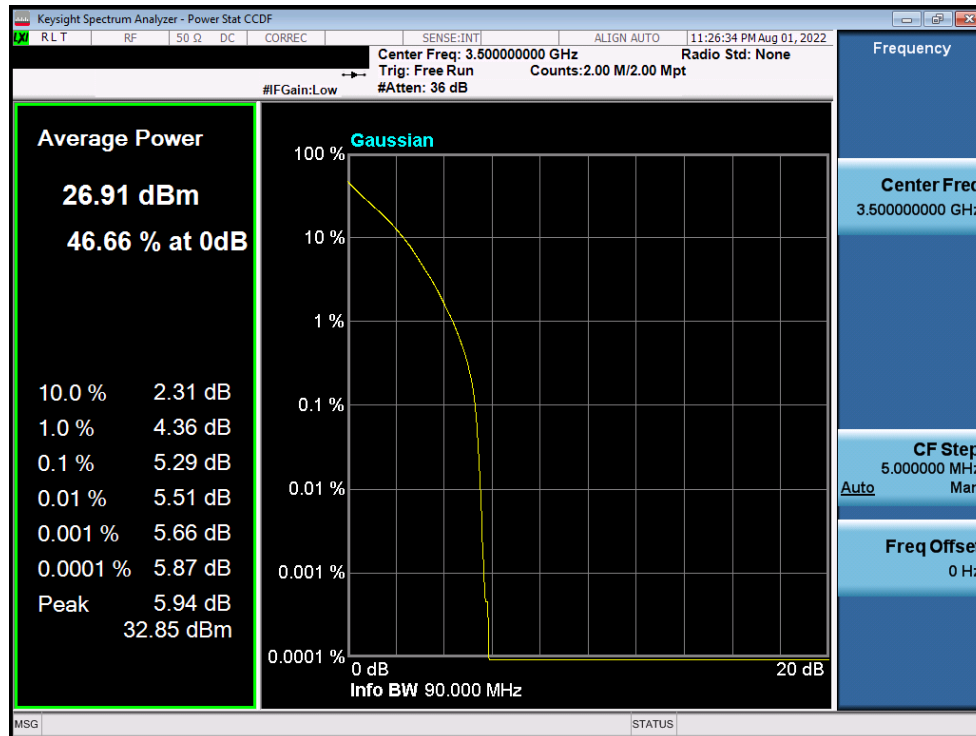


Plot 7-218. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

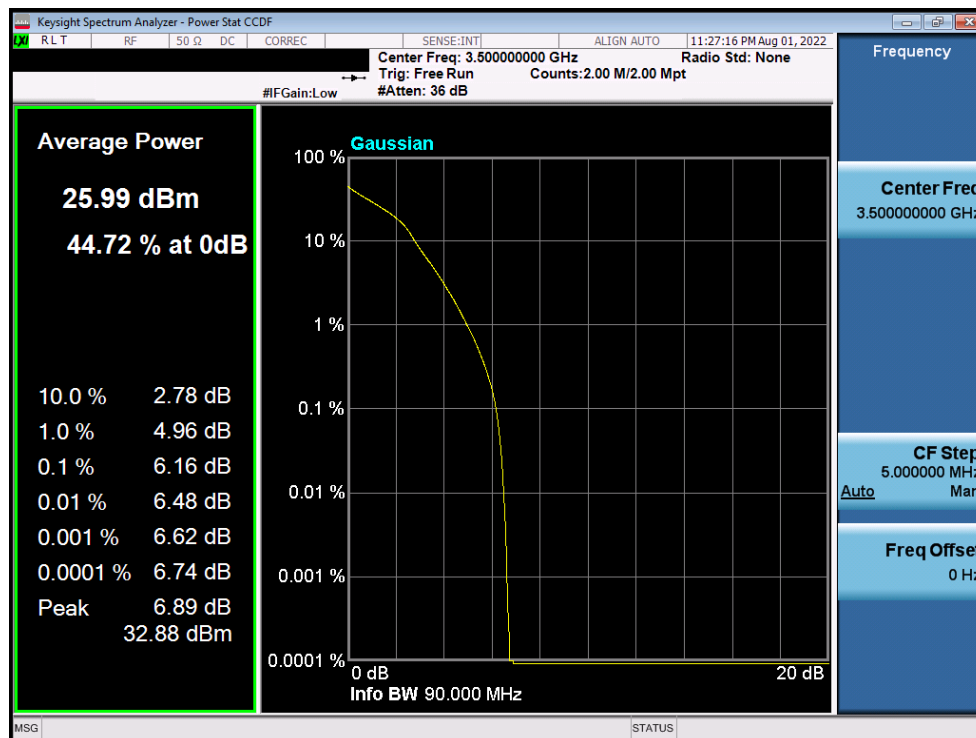
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 133 of 200

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Plot 7-219. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM QPSK - Full RB)

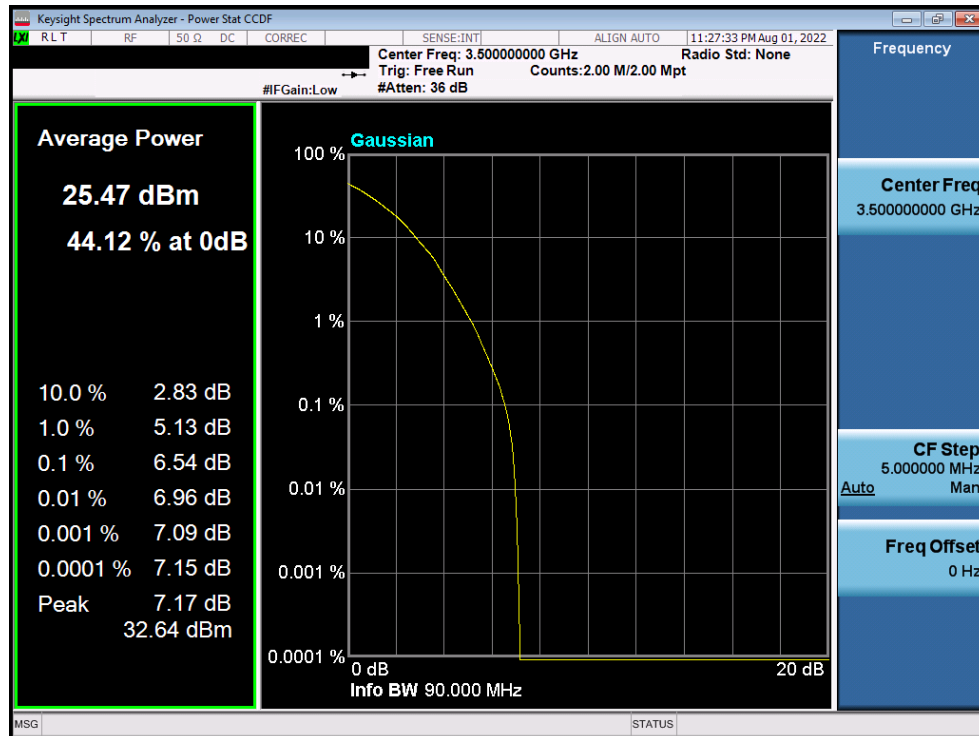


Plot 7-220. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 16-QAM - Full RB)

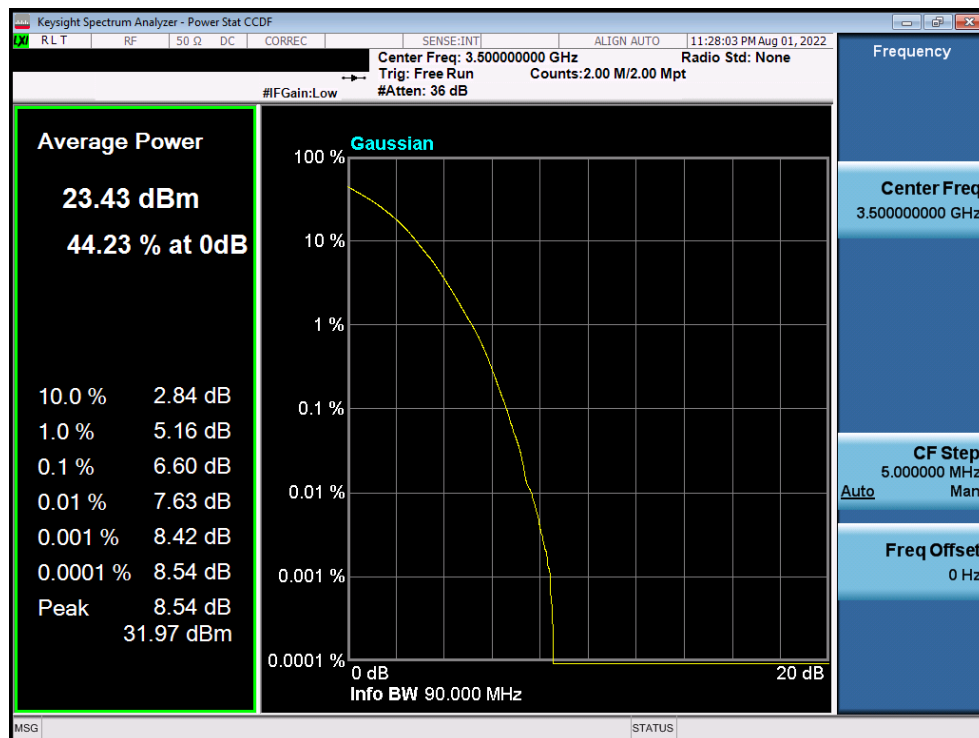
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 134 of 200

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Plot 7-221. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 64-QAM - Full RB)

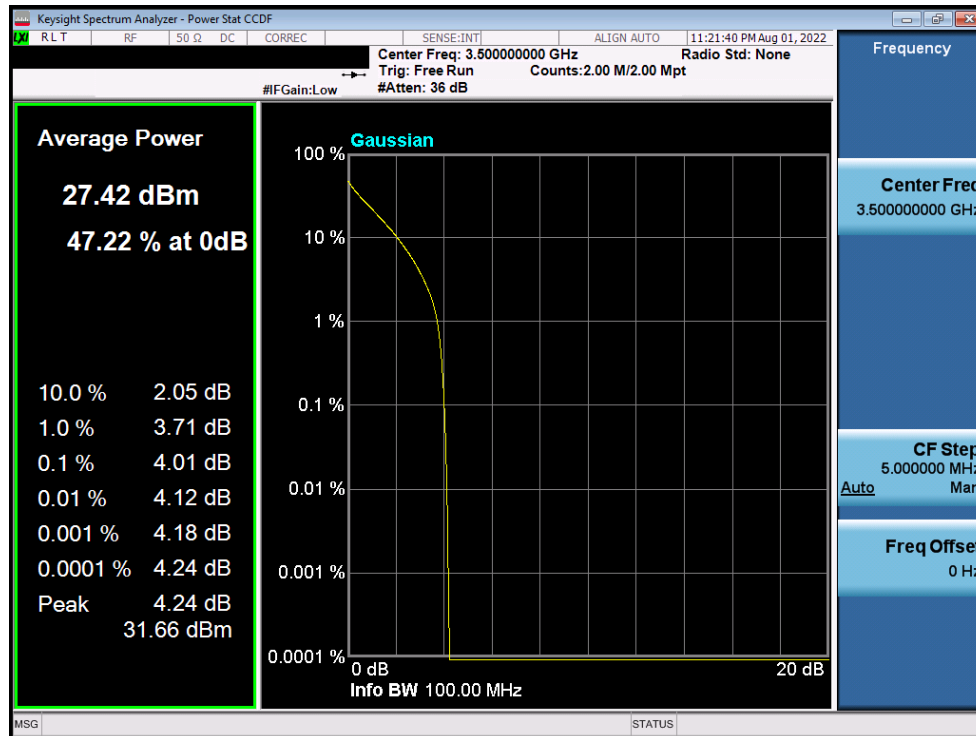


Plot 7-222. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)

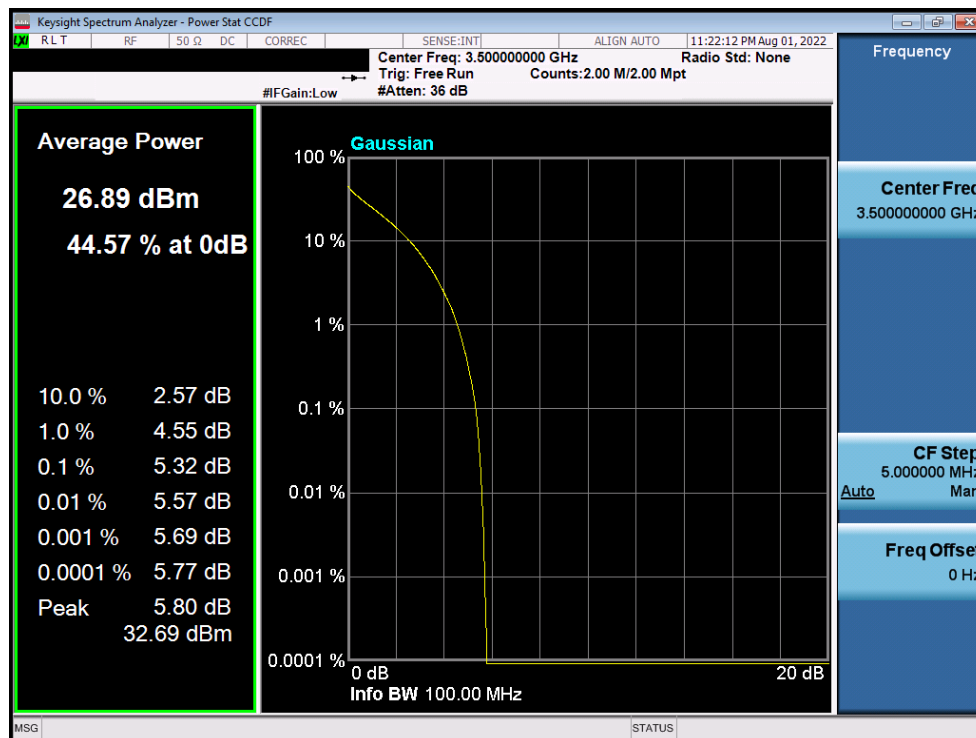
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 135 of 200

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Plot 7-223. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

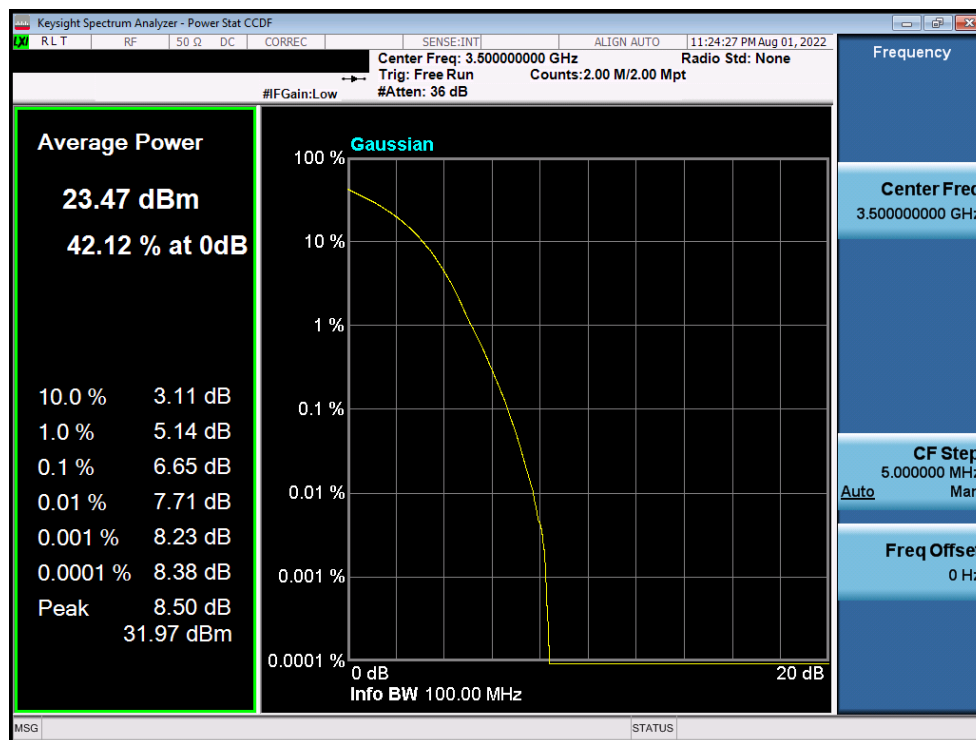


Plot 7-224. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 136 of 200

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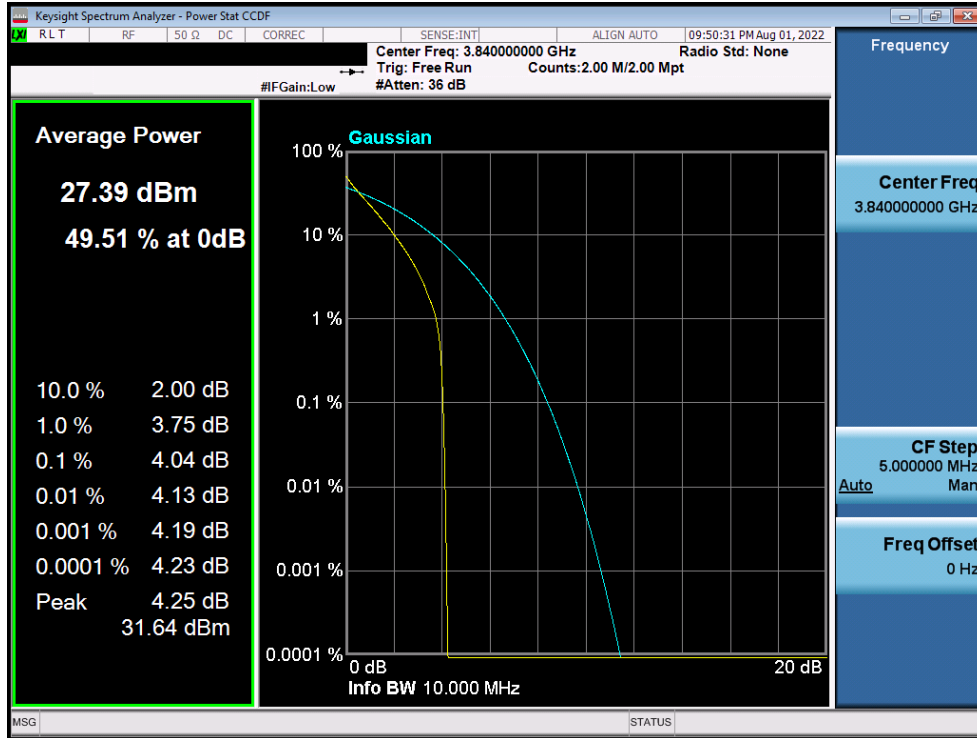


Plot 7-227. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 256-QAM - Full RB)

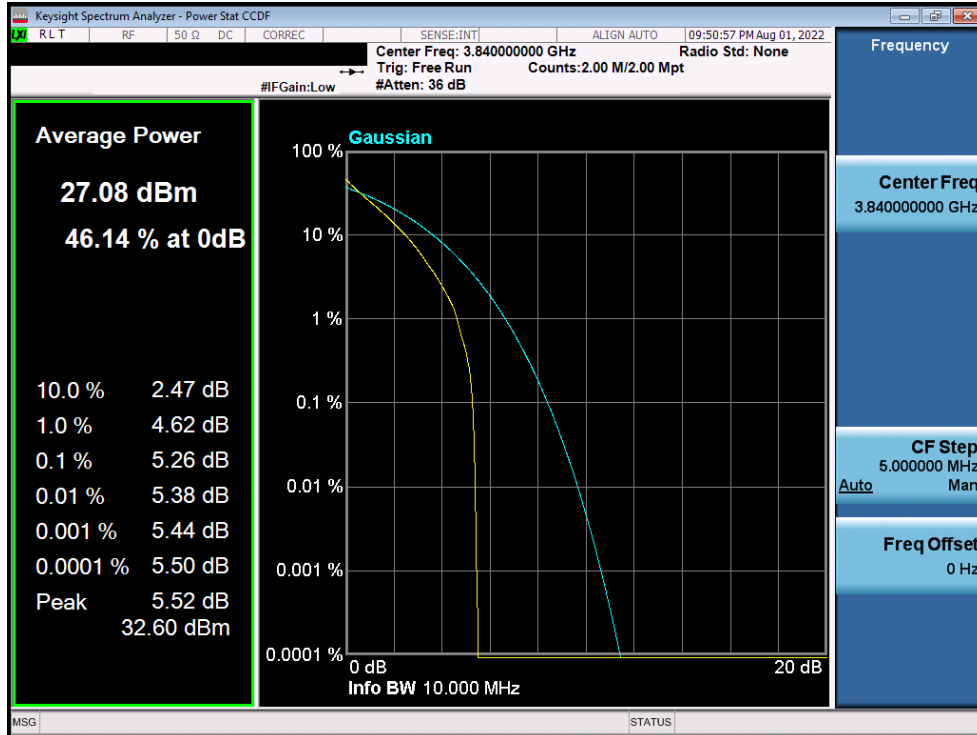
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 138 of 200

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NR Band n77 C-Band



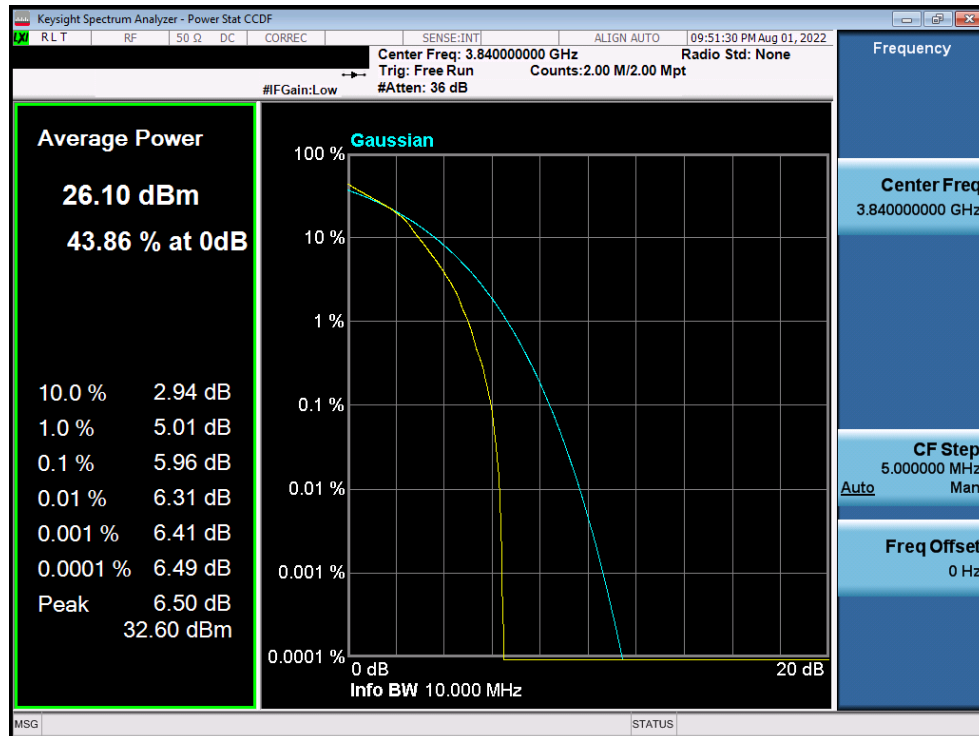
Plot 7-228. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



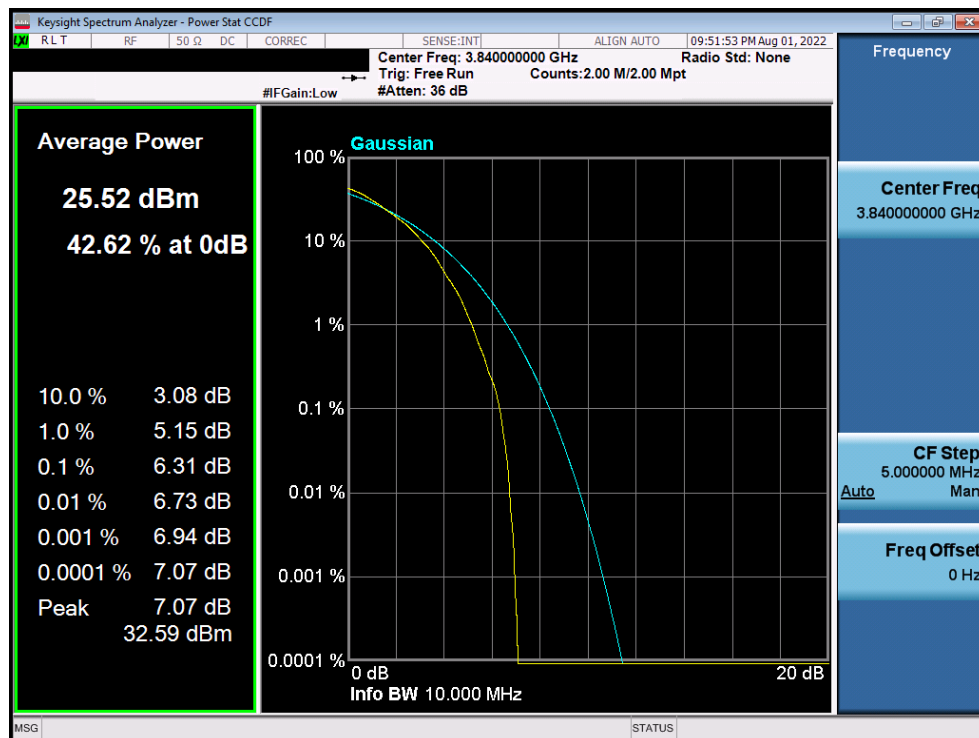
Plot 7-229. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device
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Plot 7-230. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM 16-QAM - Full RB)

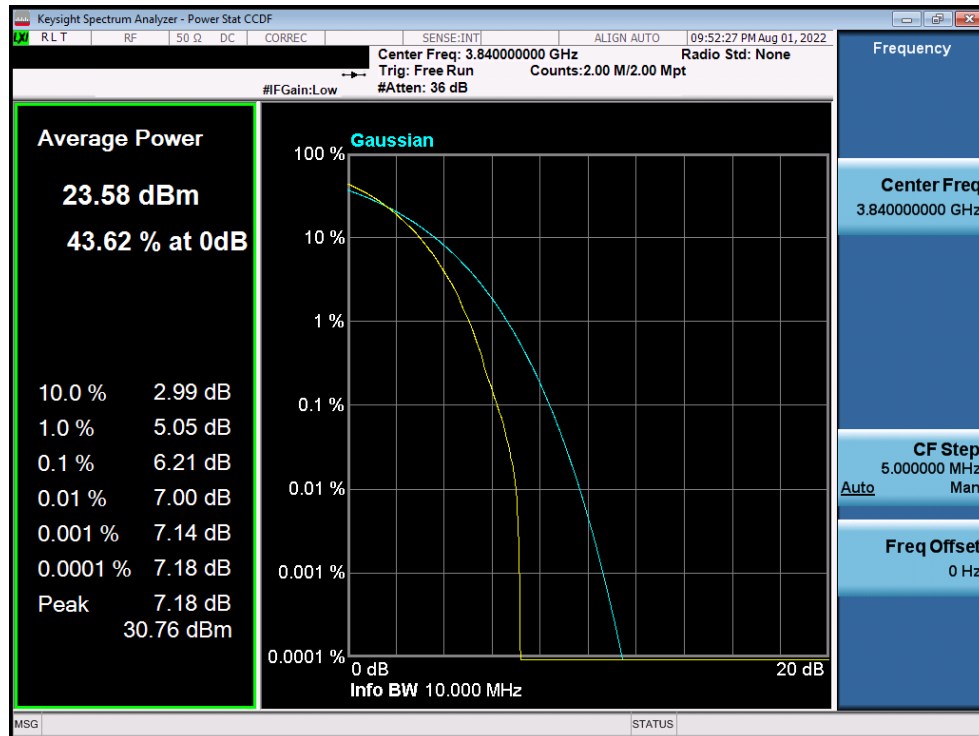


Plot 7-231. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

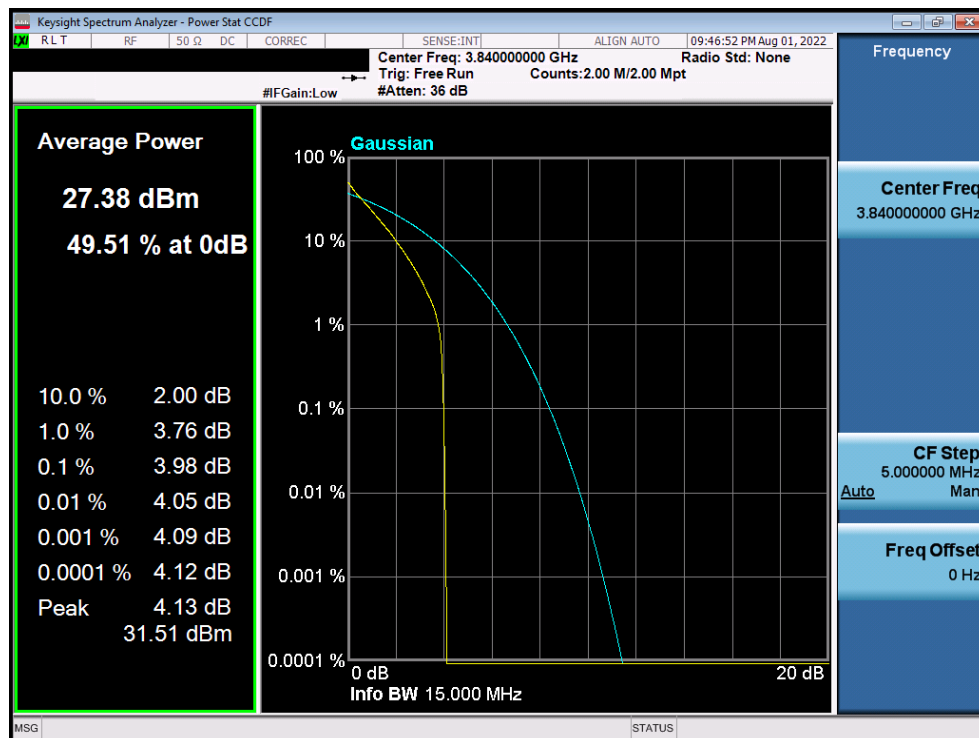
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 140 of 200

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Plot 7-232. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM 256-QAM - Full RB)

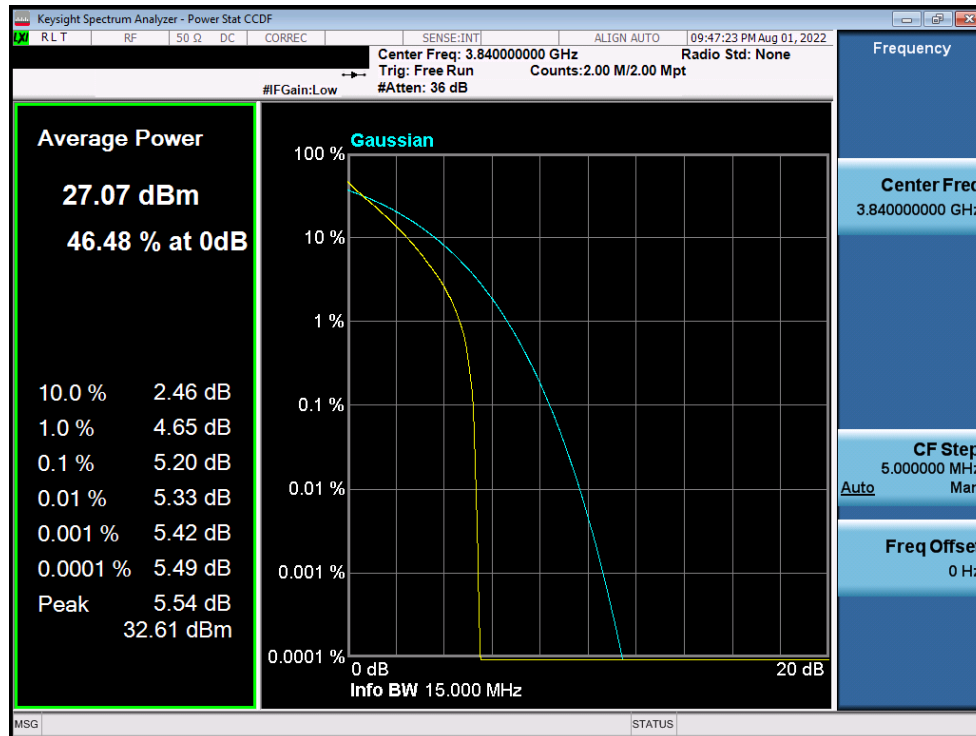


Plot 7-233. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

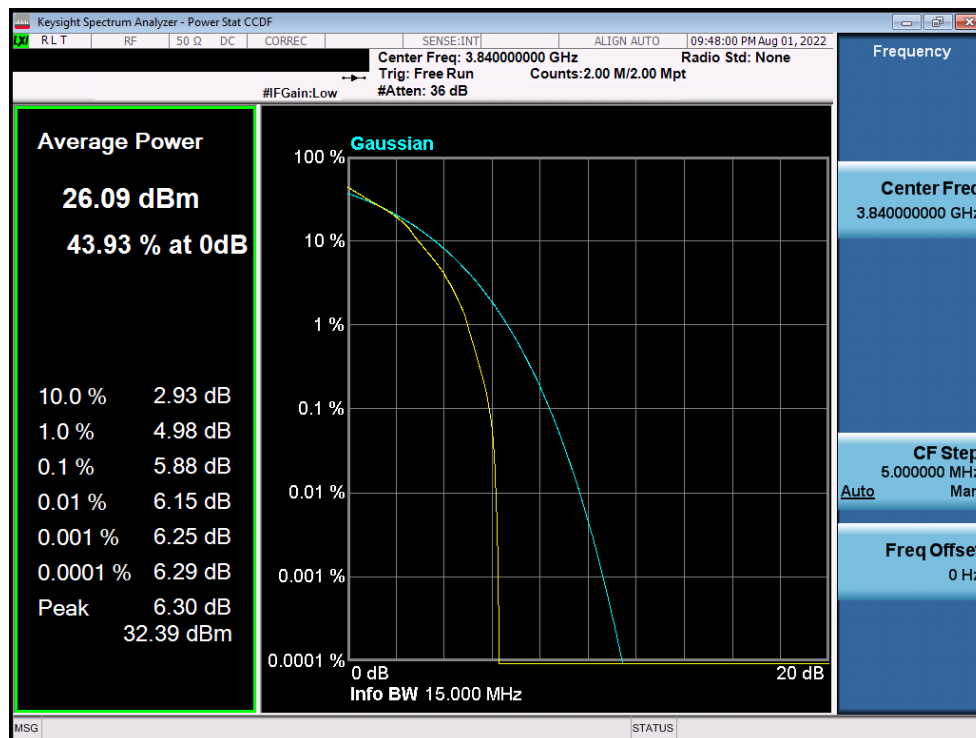
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 141 of 200

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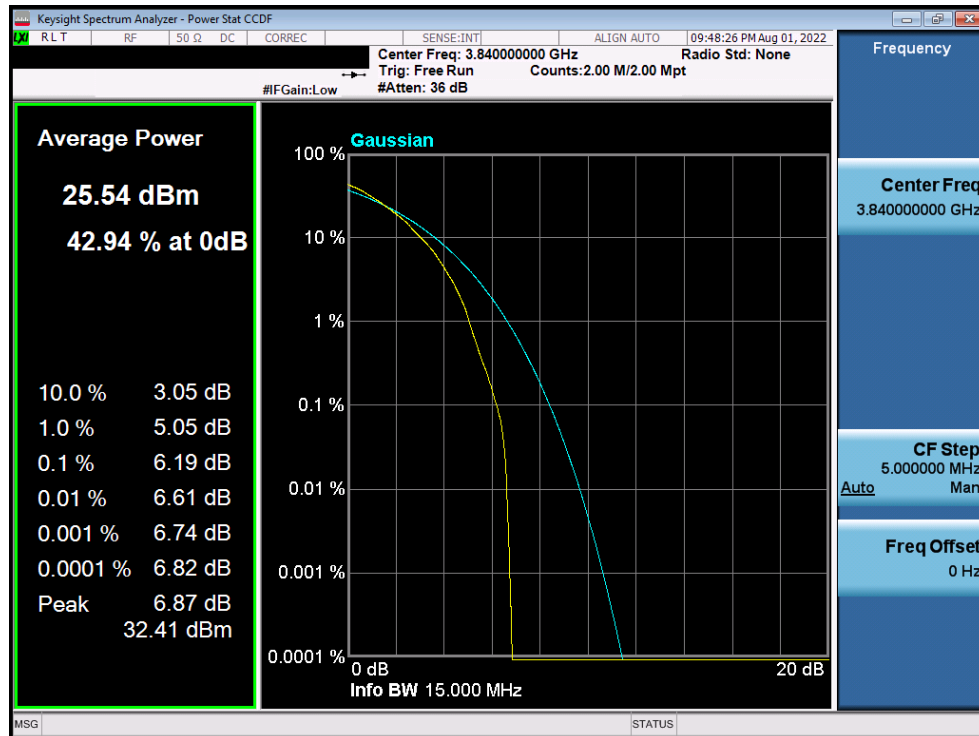


Plot 7-234. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM QPSK - Full RB)

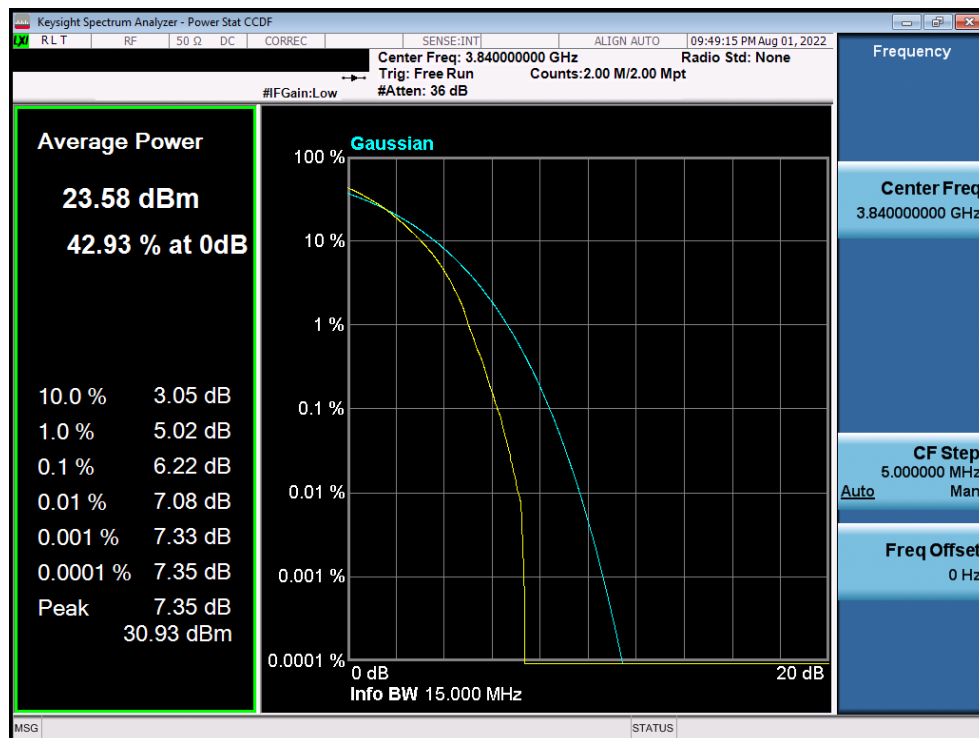


Plot 7-235. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 142 of 200



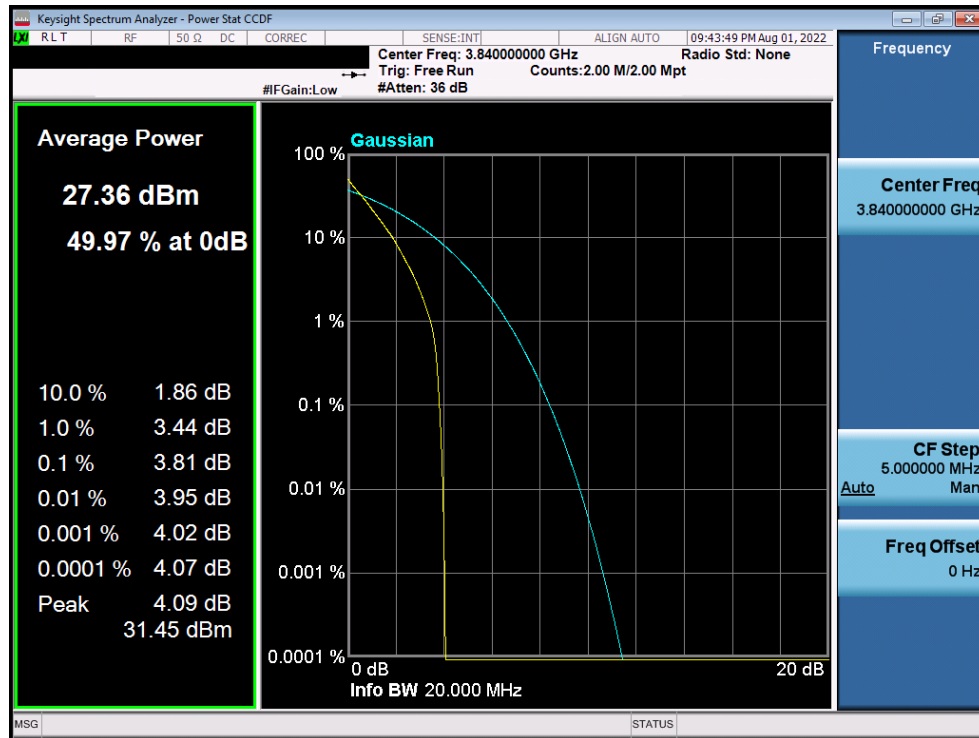
Plot 7-236. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM 64-QAM - Full RB)



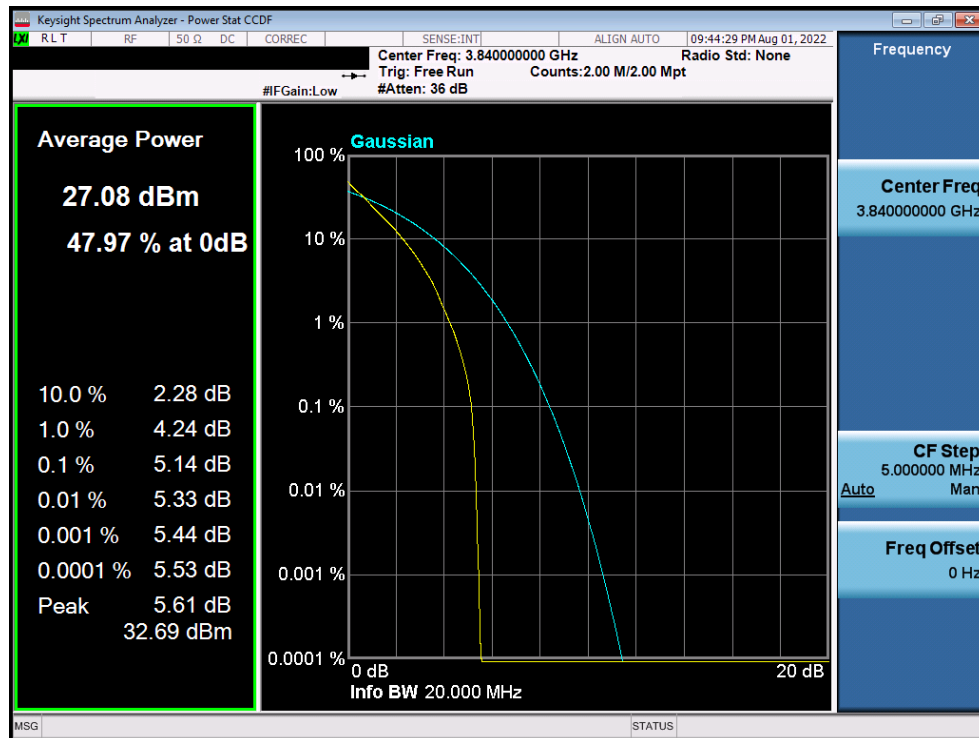
Plot 7-237. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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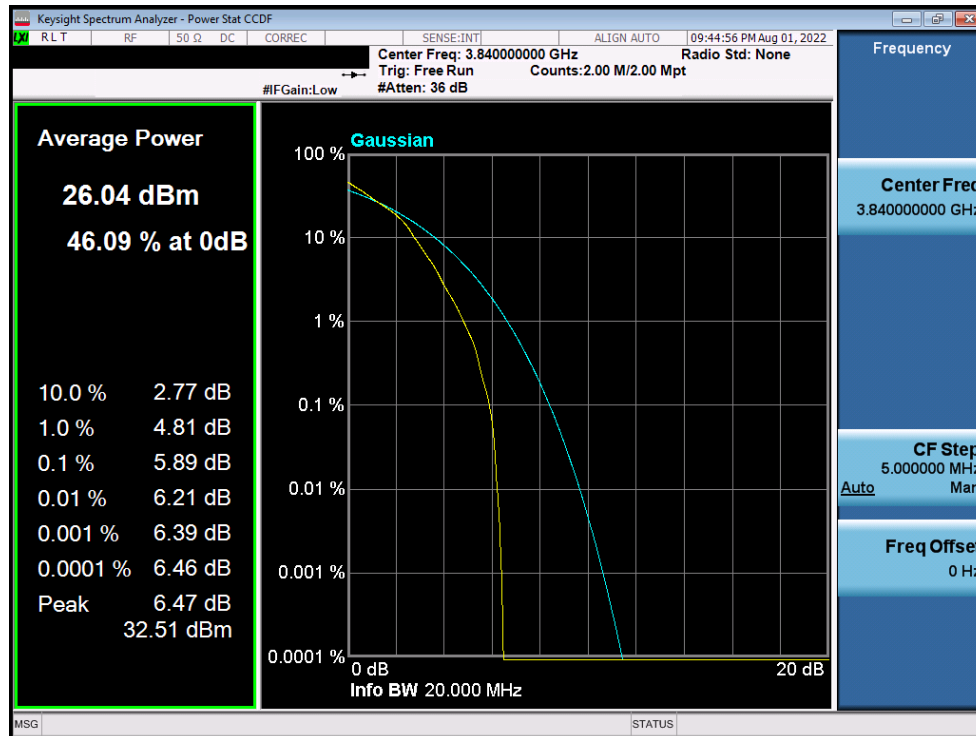
Plot 7-238. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



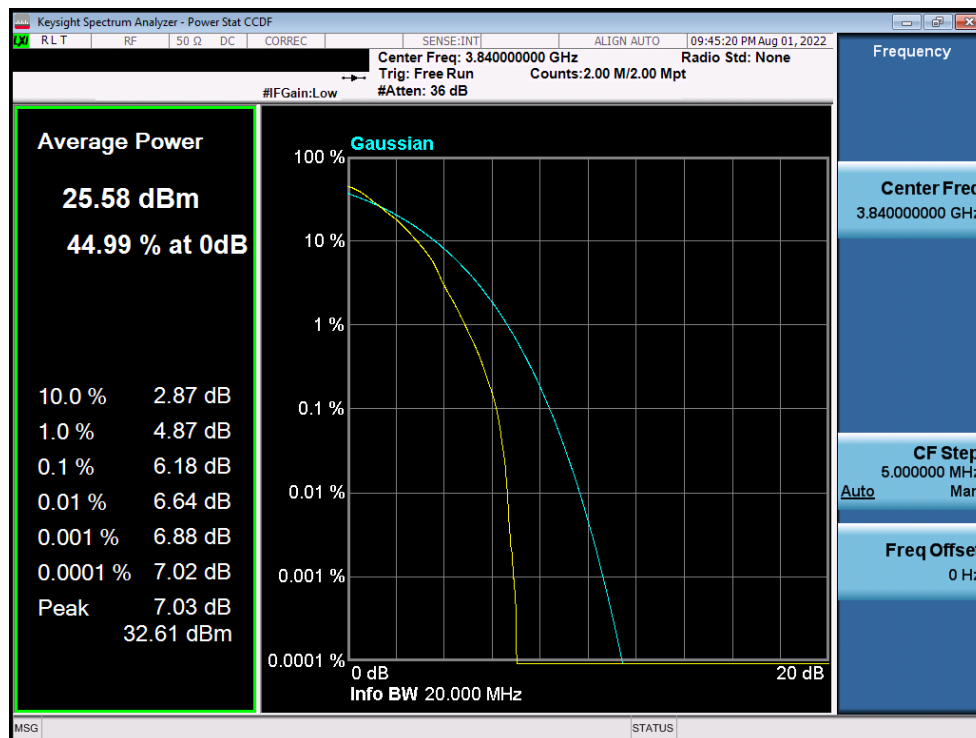
Plot 7-239. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-240. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 16-QAM - Full RB)

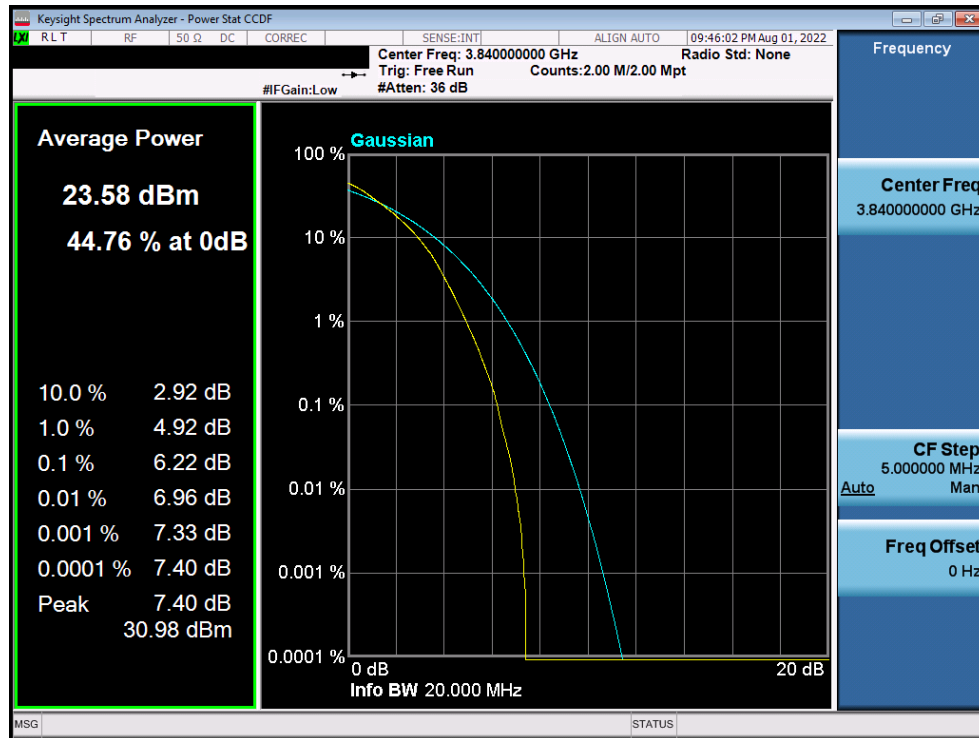


Plot 7-241. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 64-QAM - Full RB)

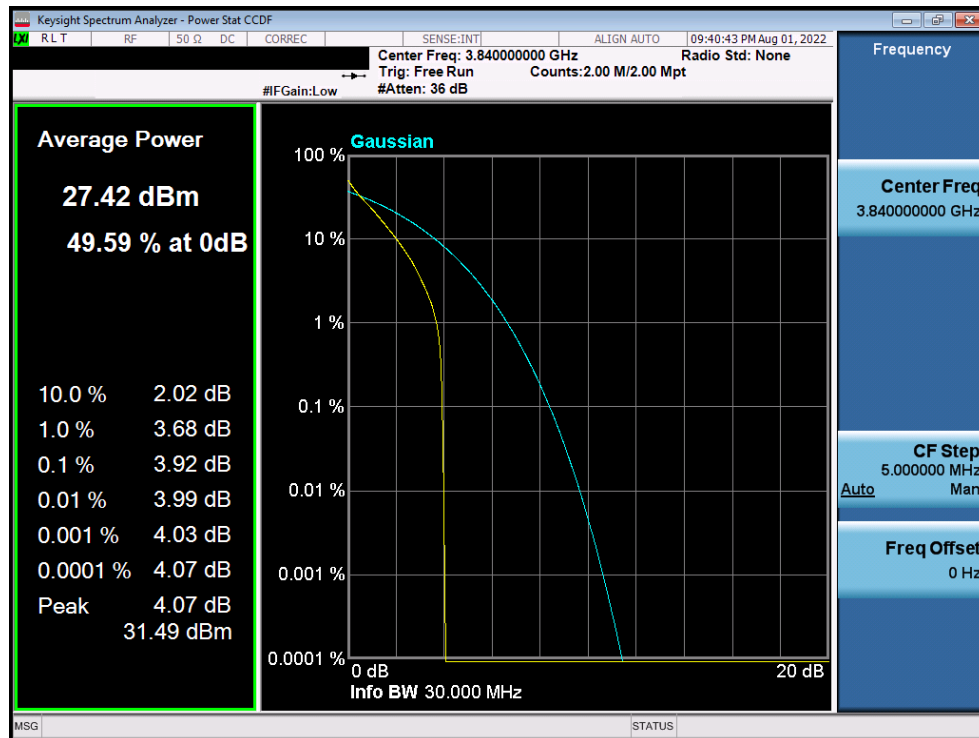
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 145 of 200

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Plot 7-242. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 256-QAM - Full RB)

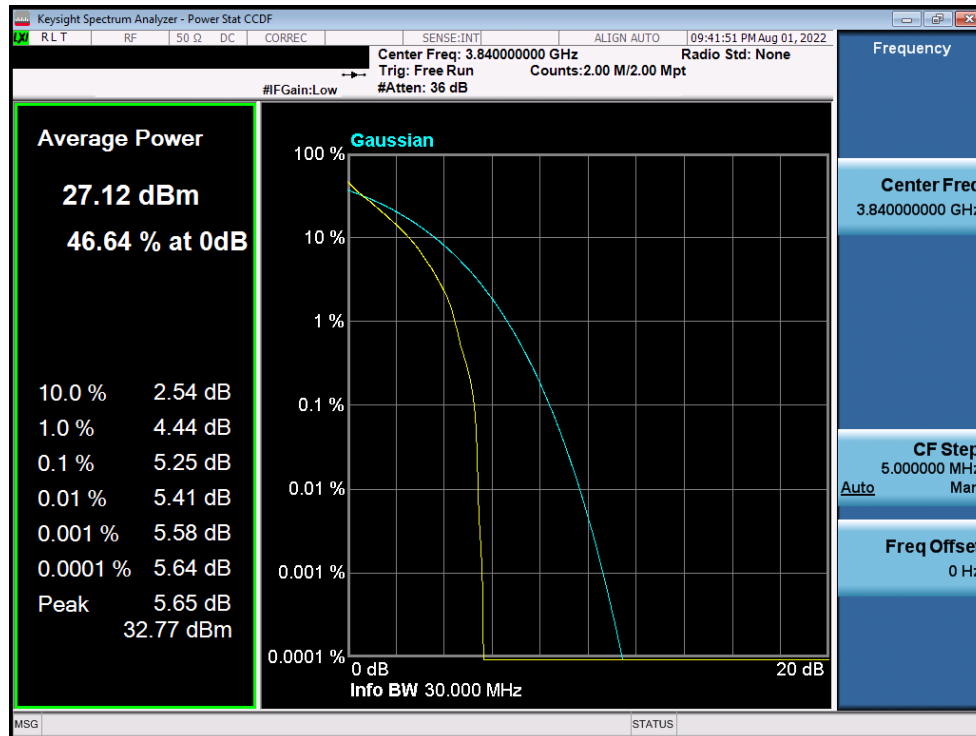


Plot 7-243. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

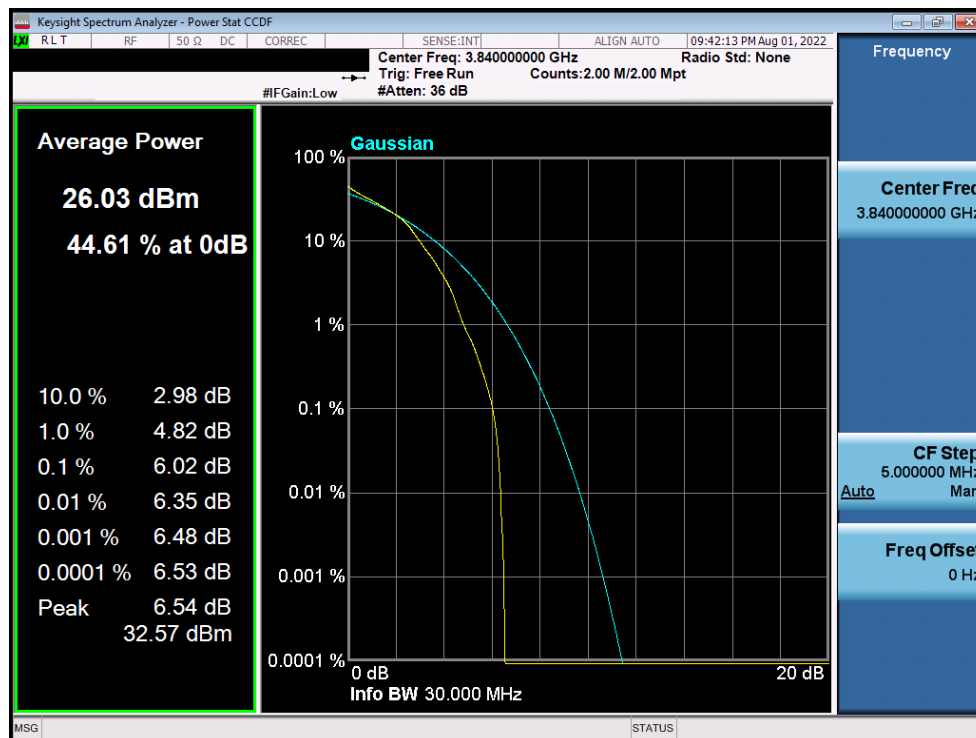
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 146 of 200

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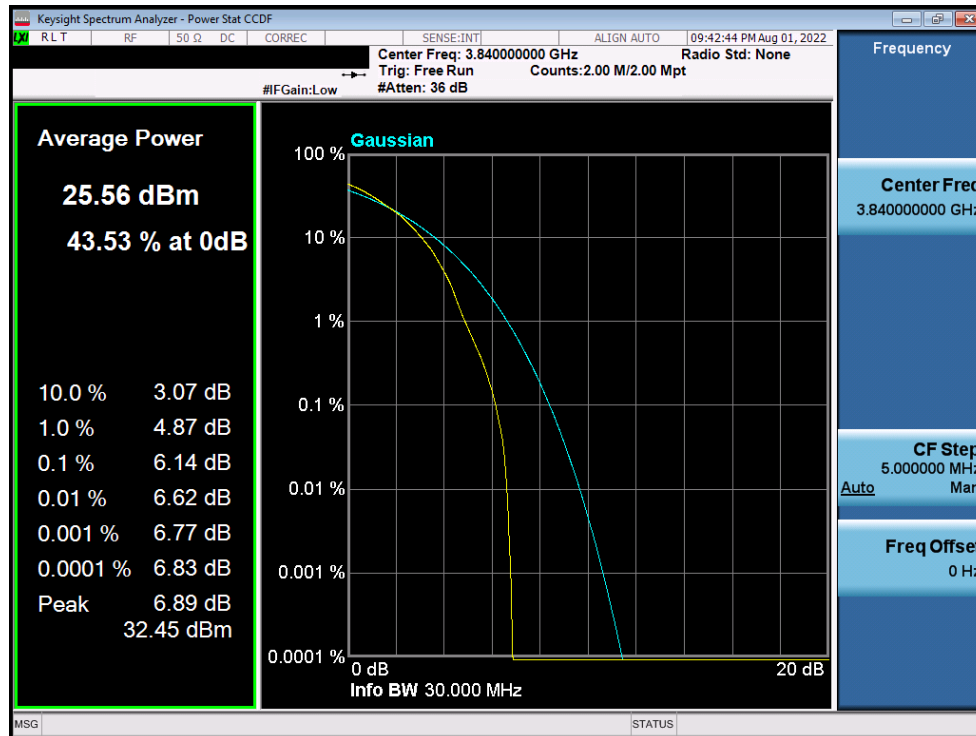
Plot 7-244. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM QPSK - Full RB)



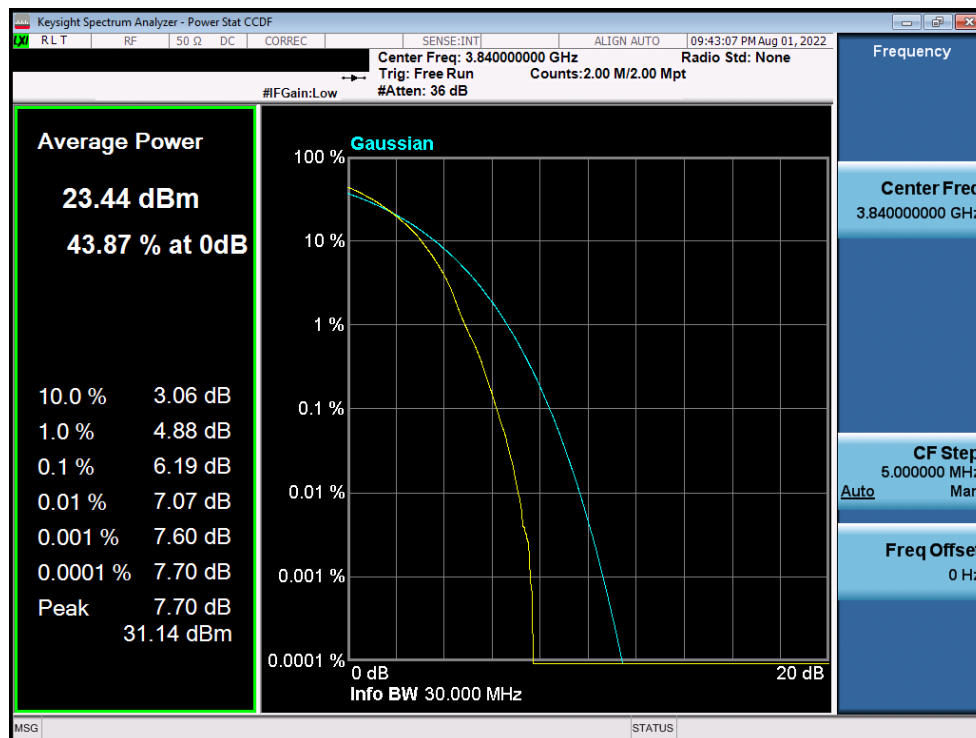
Plot 7-245. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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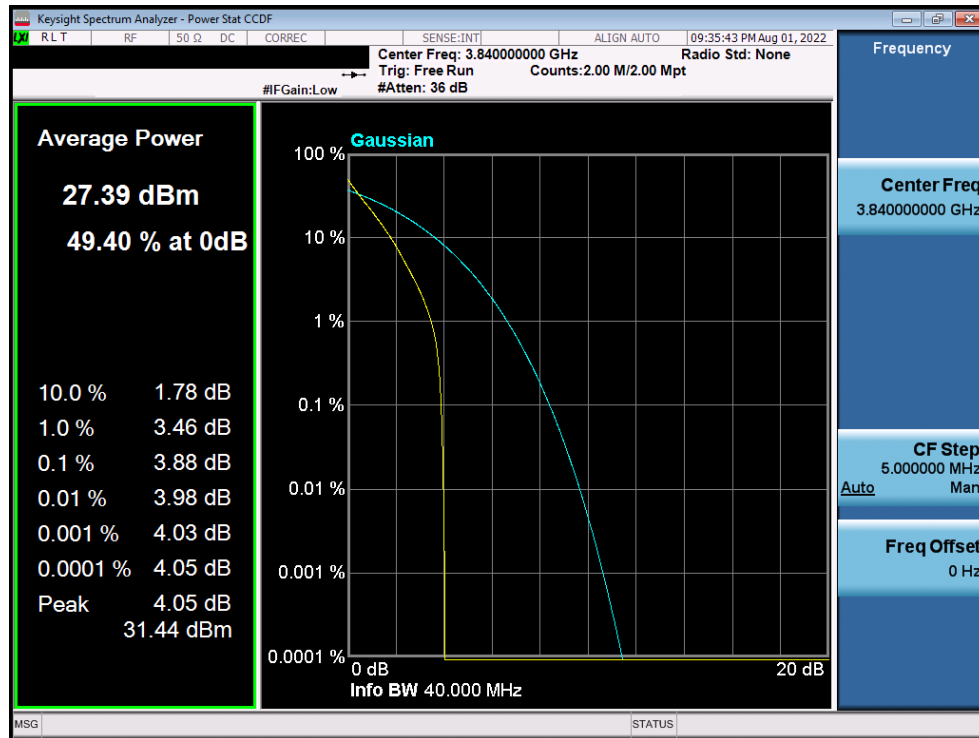
Plot 7-246. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 64-QAM - Full RB)



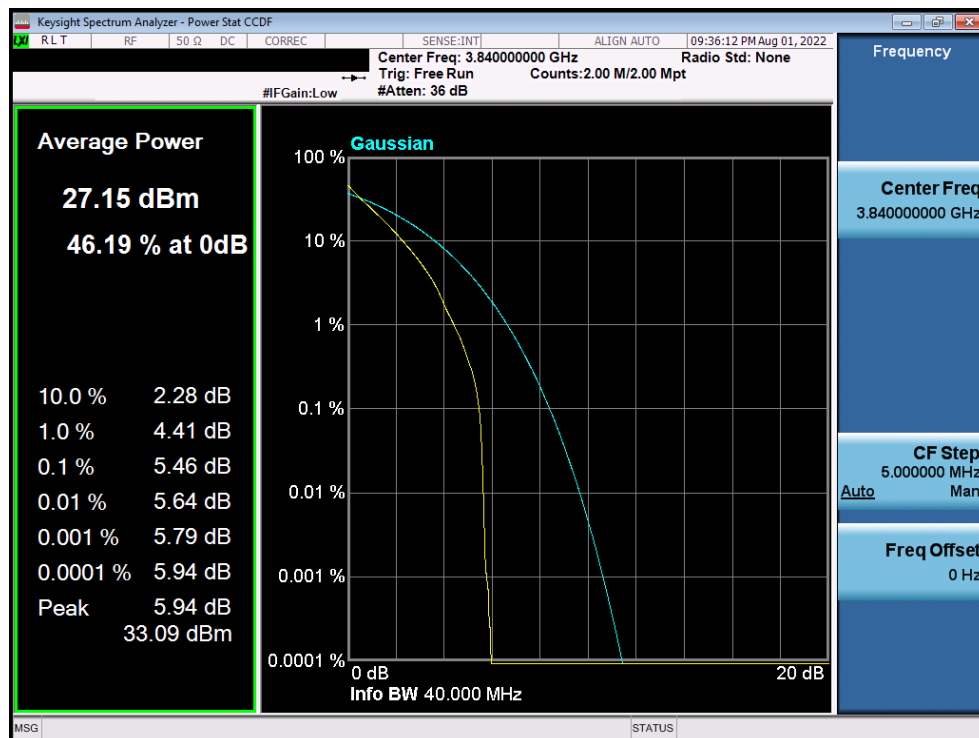
Plot 7-247. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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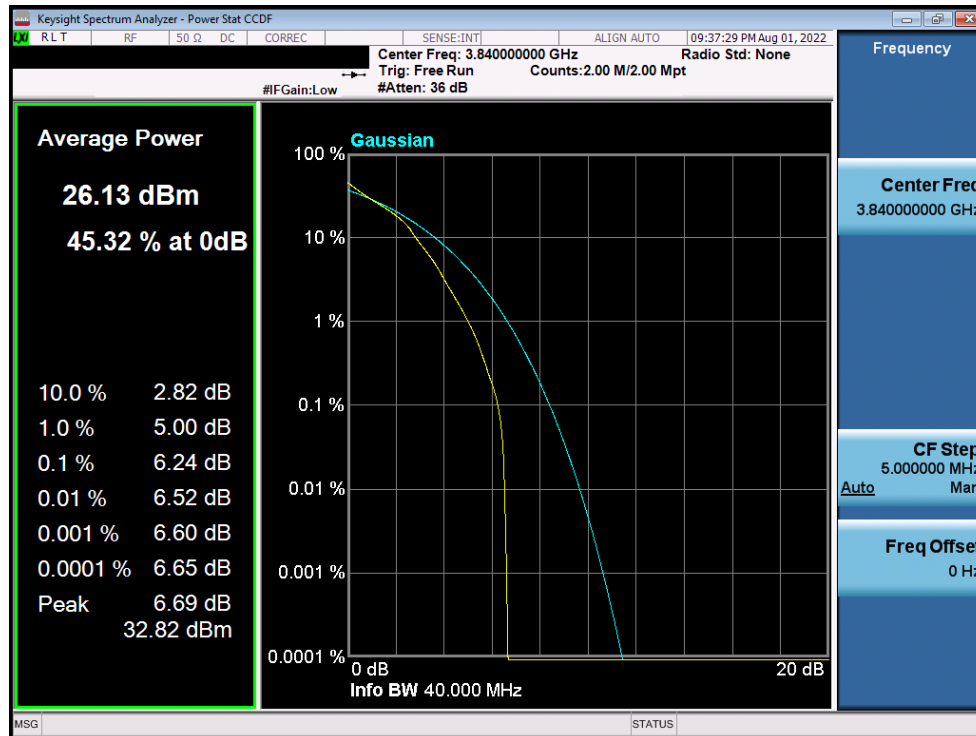
Plot 7-248. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



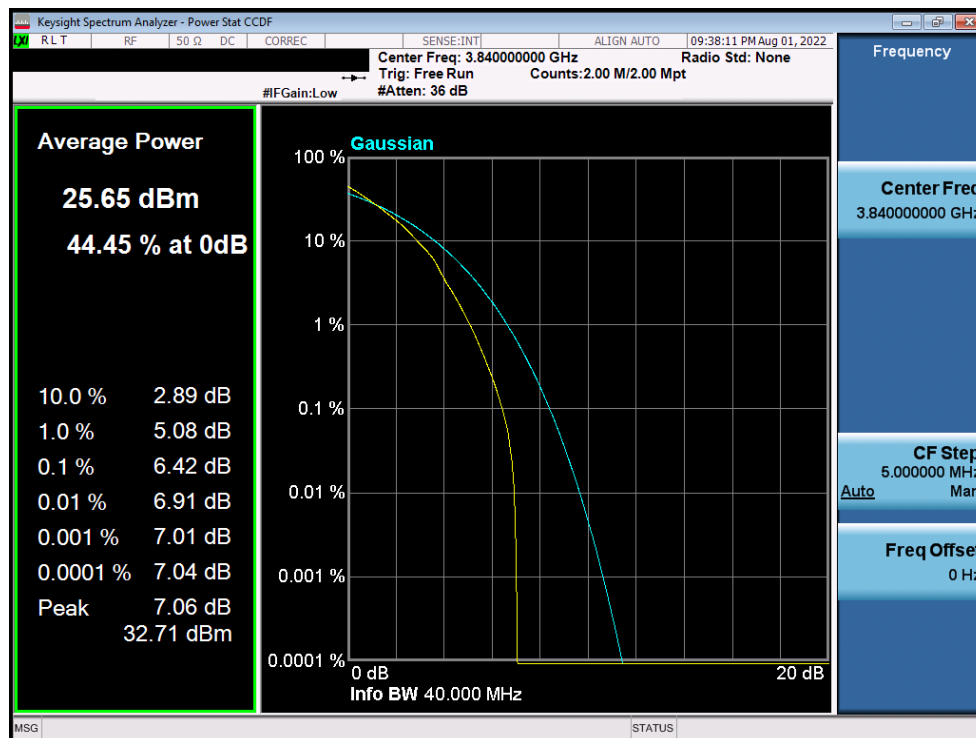
Plot 7-249. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-250. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 16-QAM - Full RB)

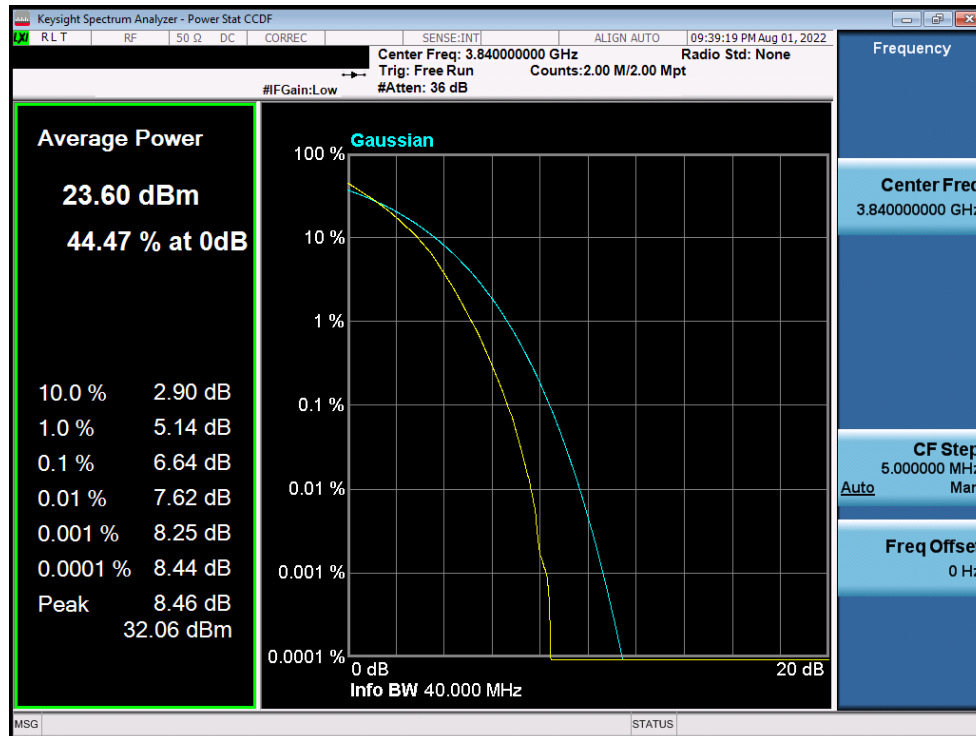


Plot 7-251. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 64-QAM - Full RB)

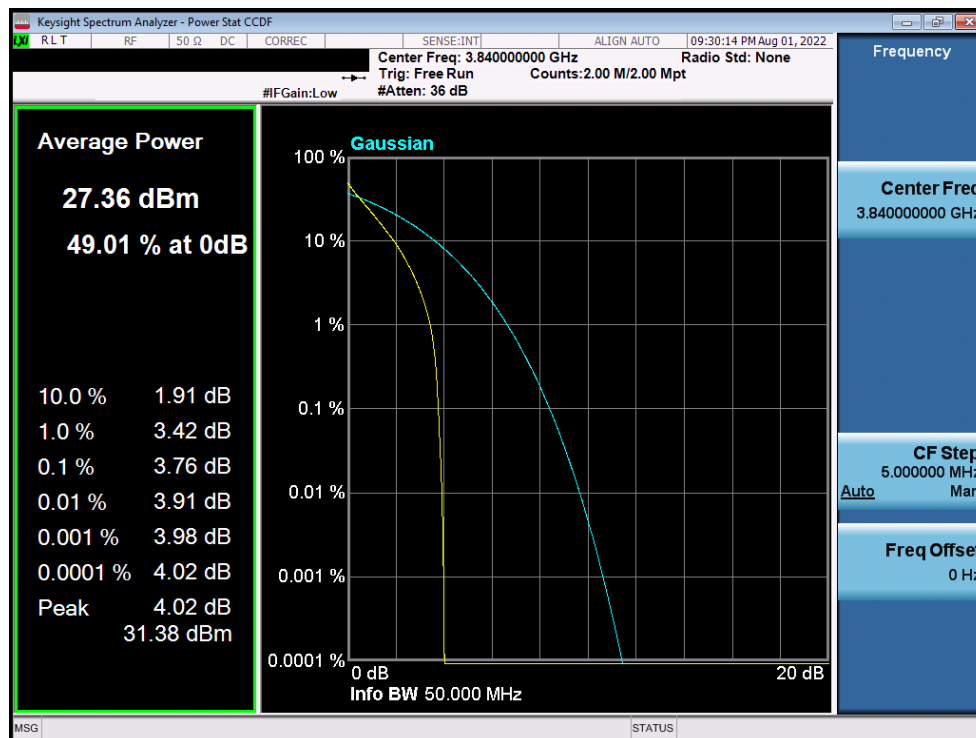
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 150 of 200

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Plot 7-252. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 256-QAM - Full RB)

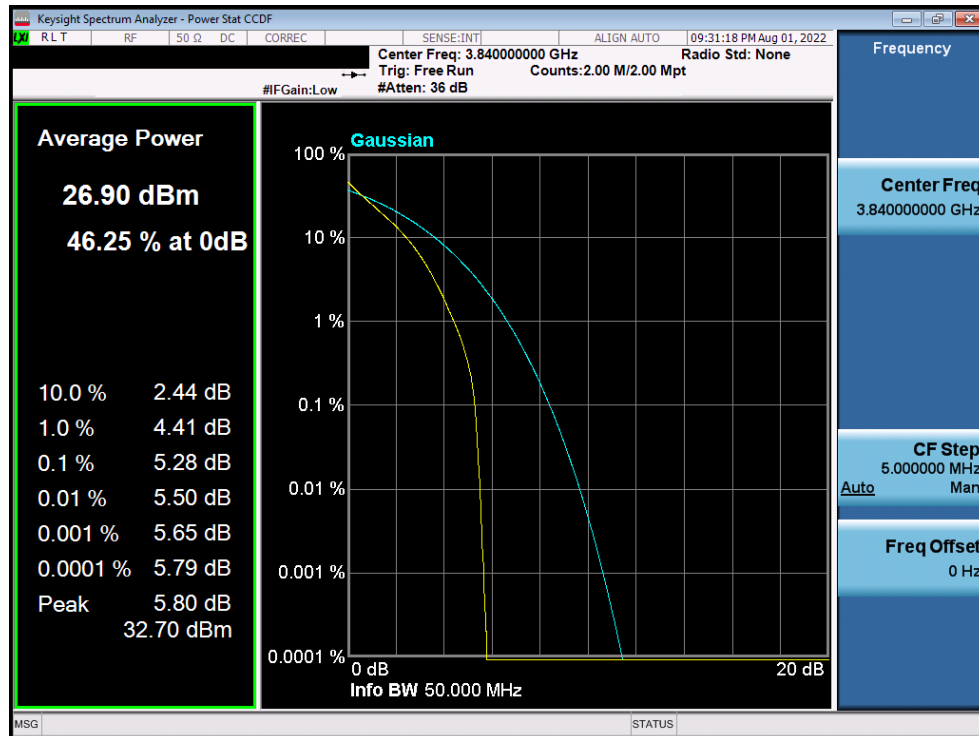


Plot 7-253. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

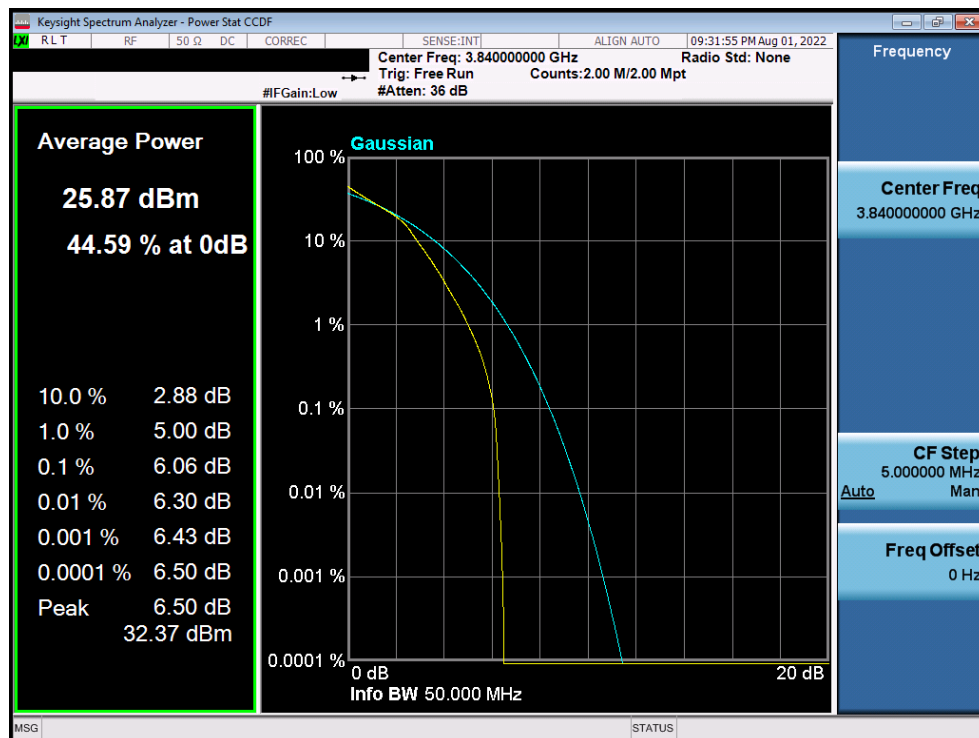
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 151 of 200

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Plot 7-254. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM QPSK - Full RB)

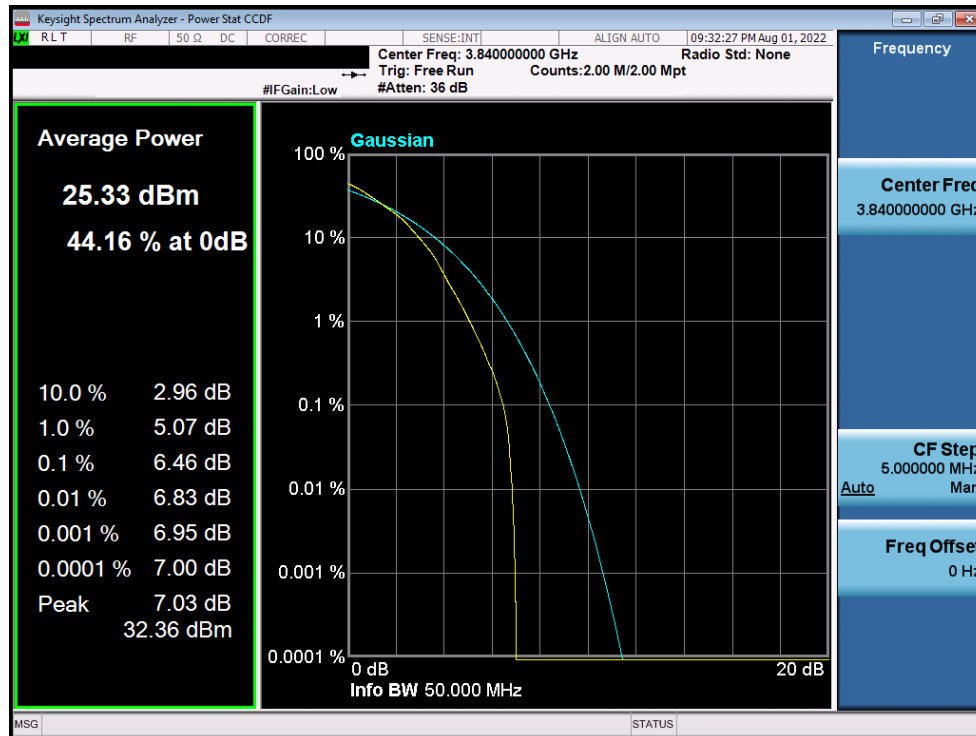


Plot 7-255. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 16-QAM - Full RB)

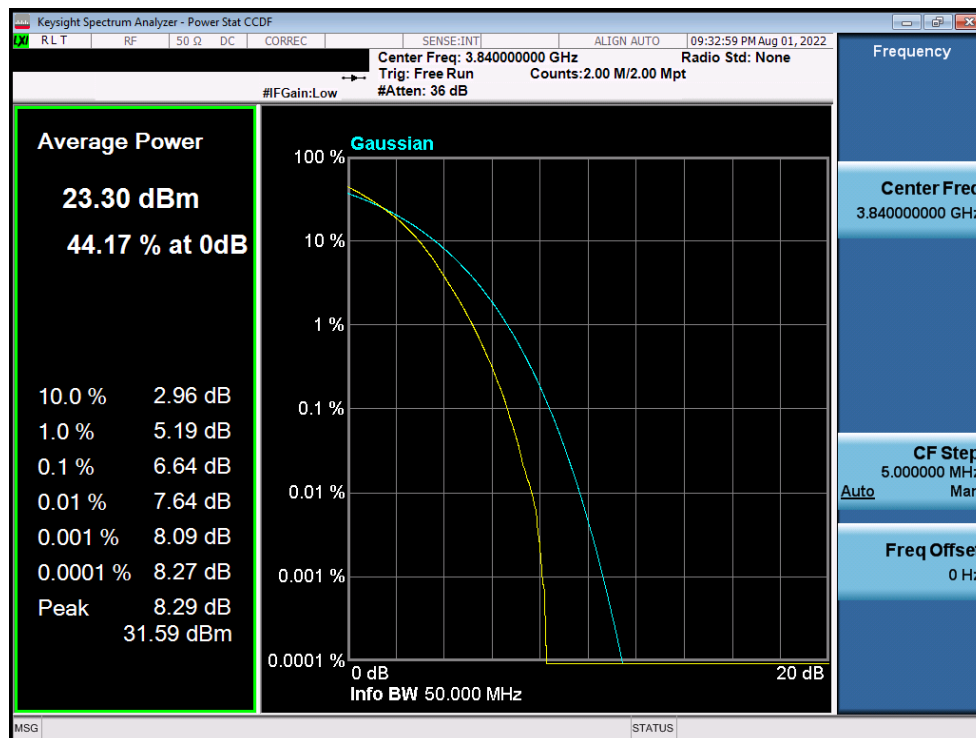
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 152 of 200

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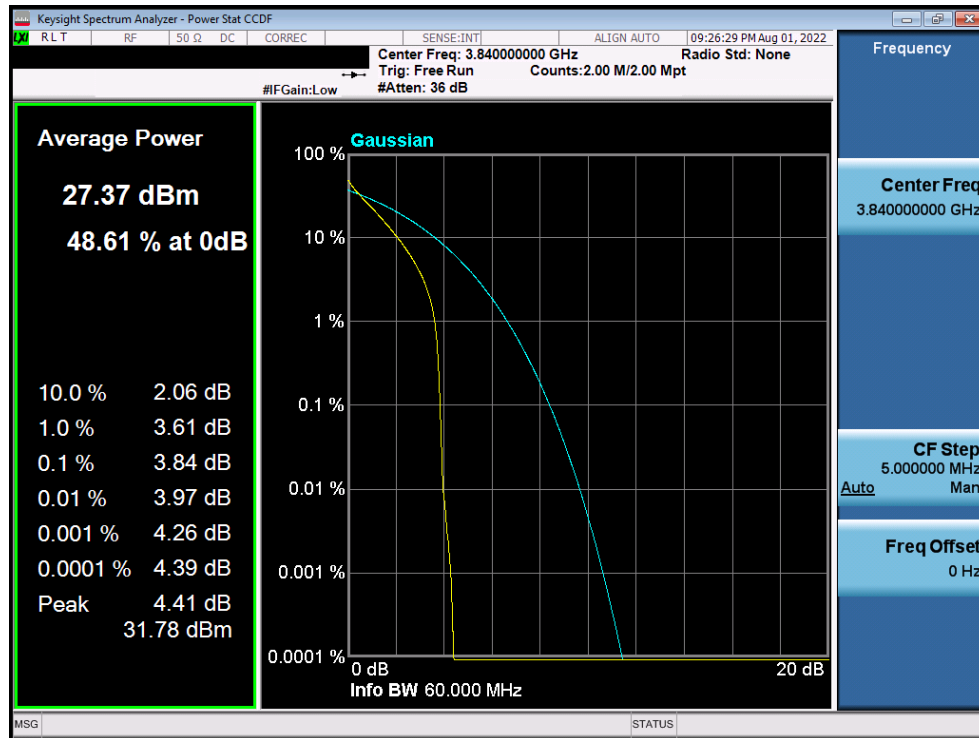
Plot 7-256. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 64-QAM - Full RB)



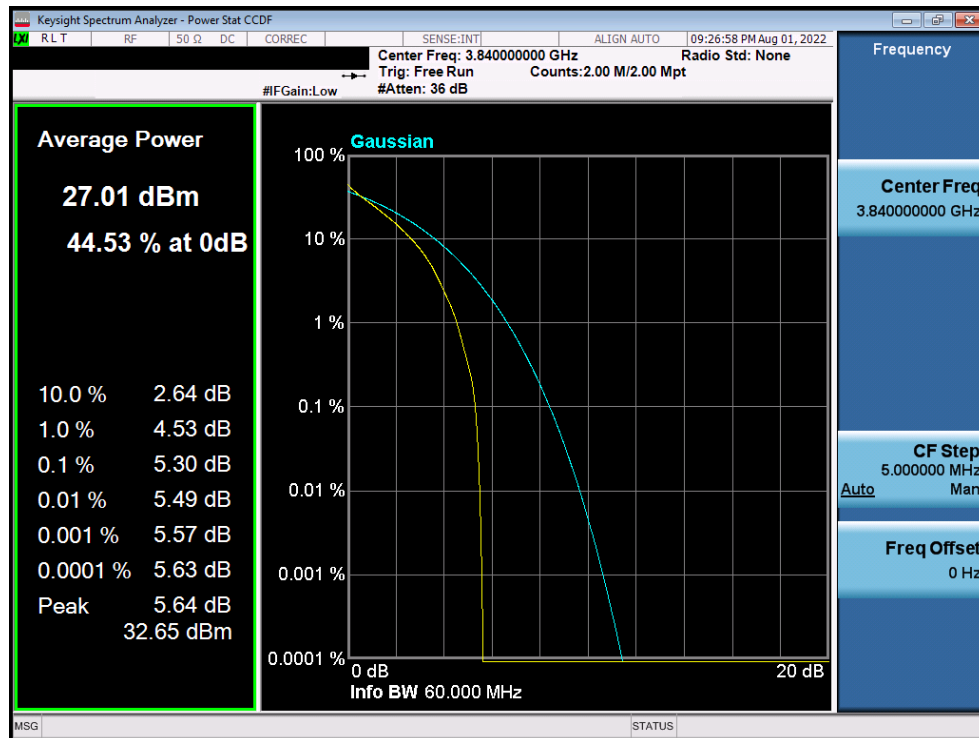
Plot 7-257. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 153 of 200

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Plot 7-258. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

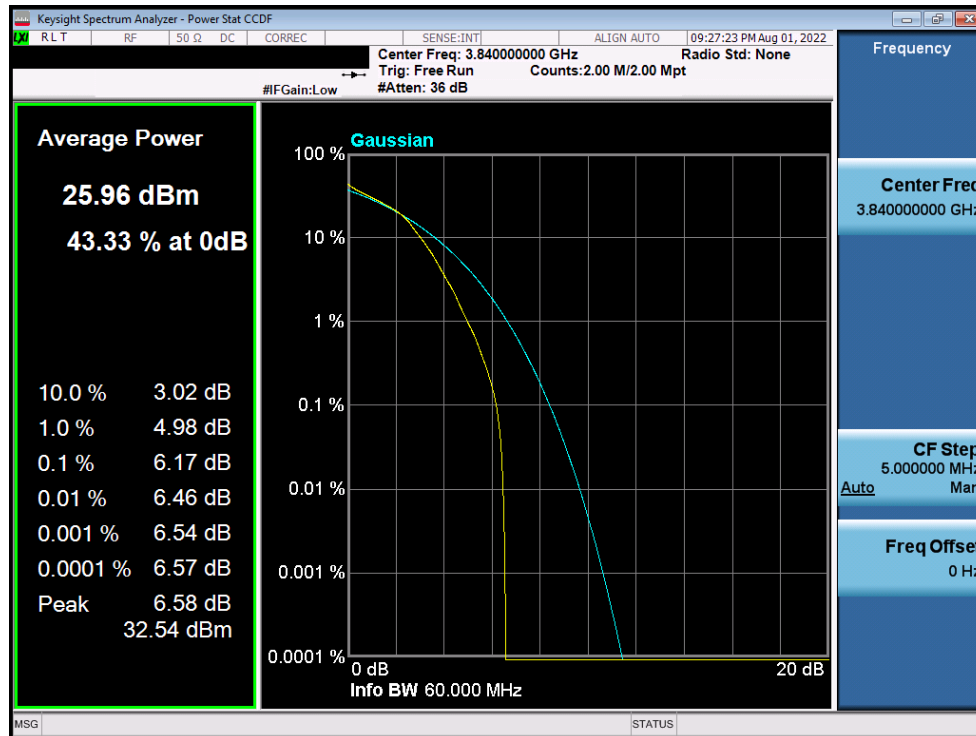


Plot 7-259. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM QPSK - Full RB)

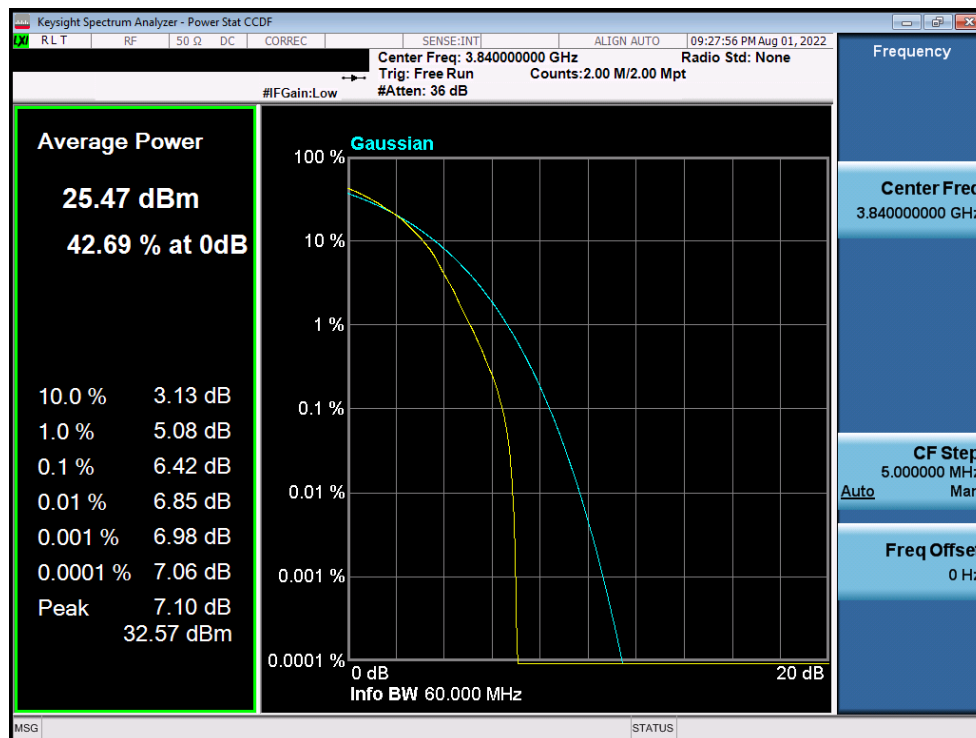
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 154 of 200

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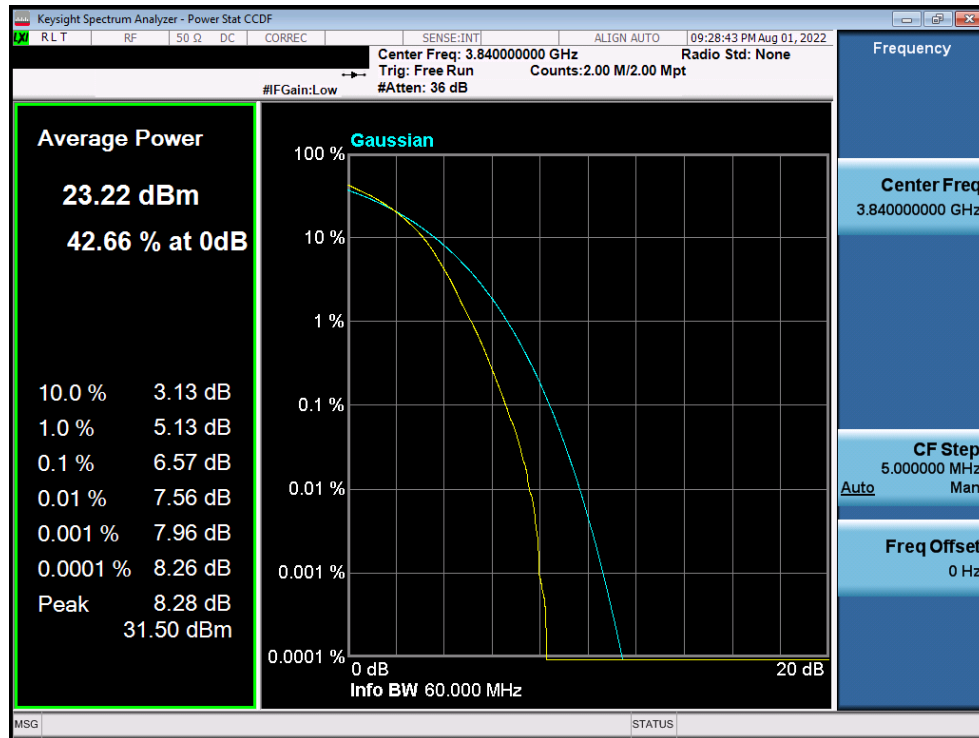


Plot 7-260. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 16-QAM - Full RB)

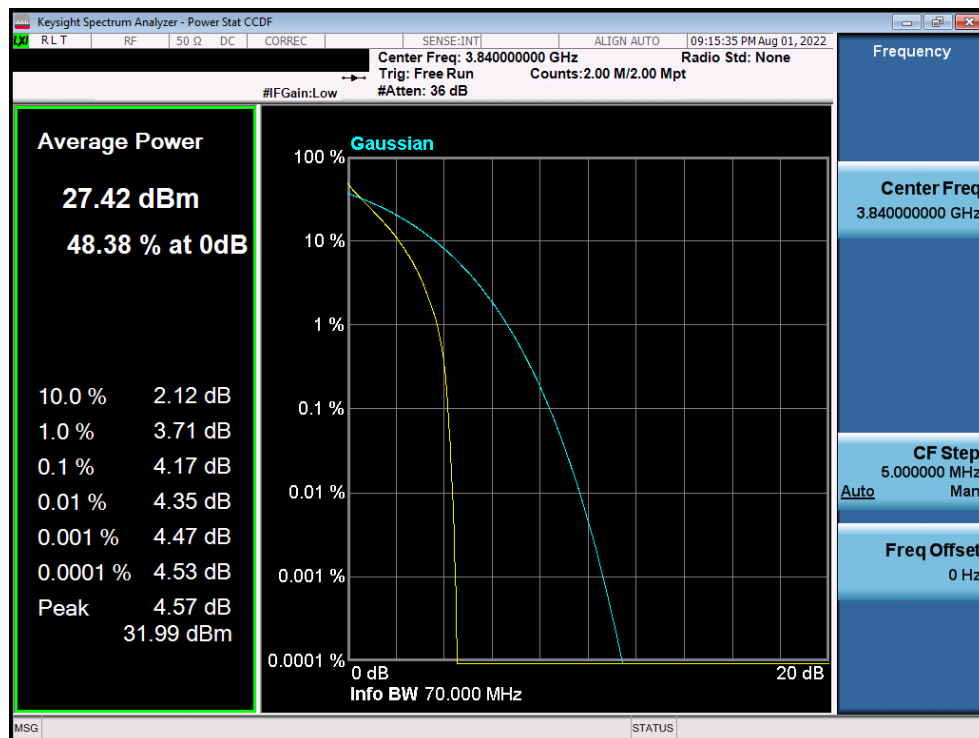


Plot 7-261. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-262. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 256-QAM - Full RB)

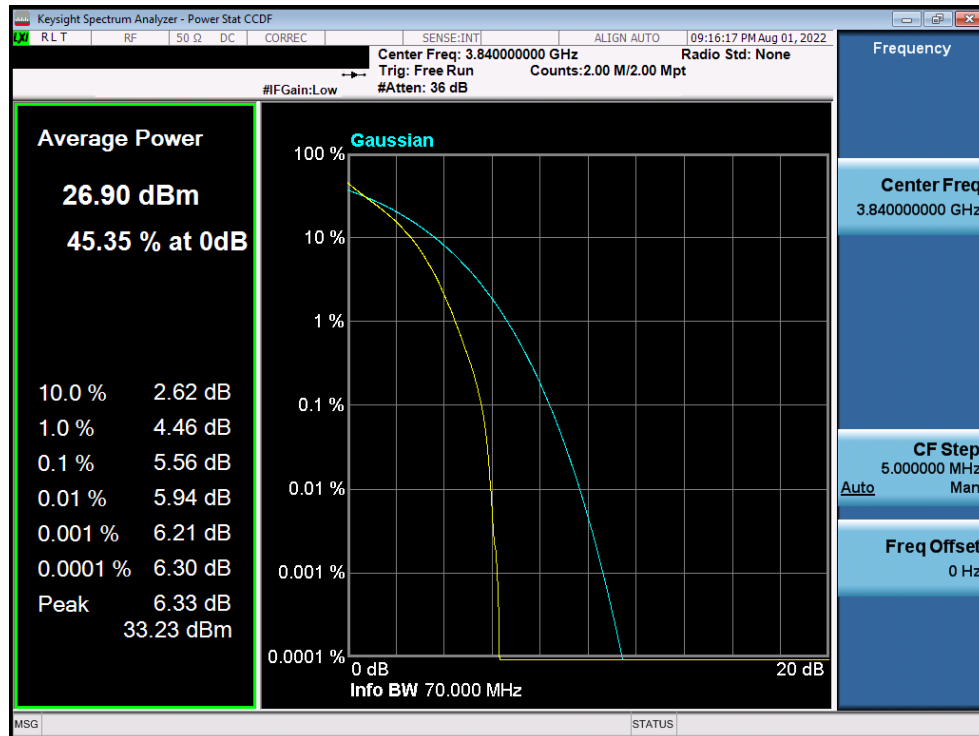


Plot 7-263. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

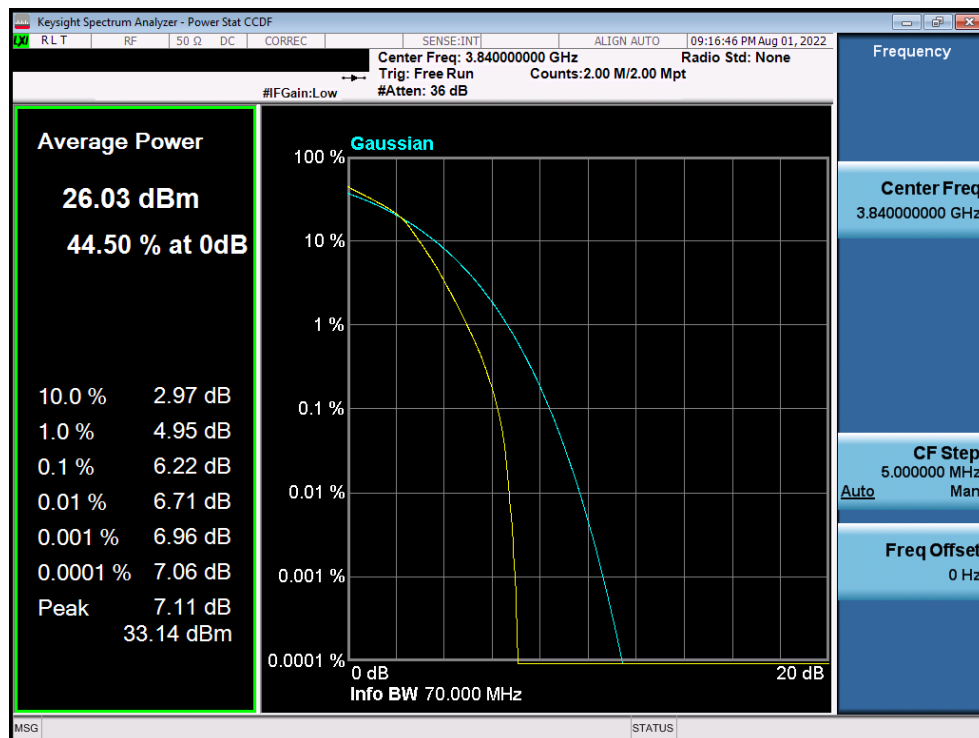
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 156 of 200

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Plot 7-264. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)

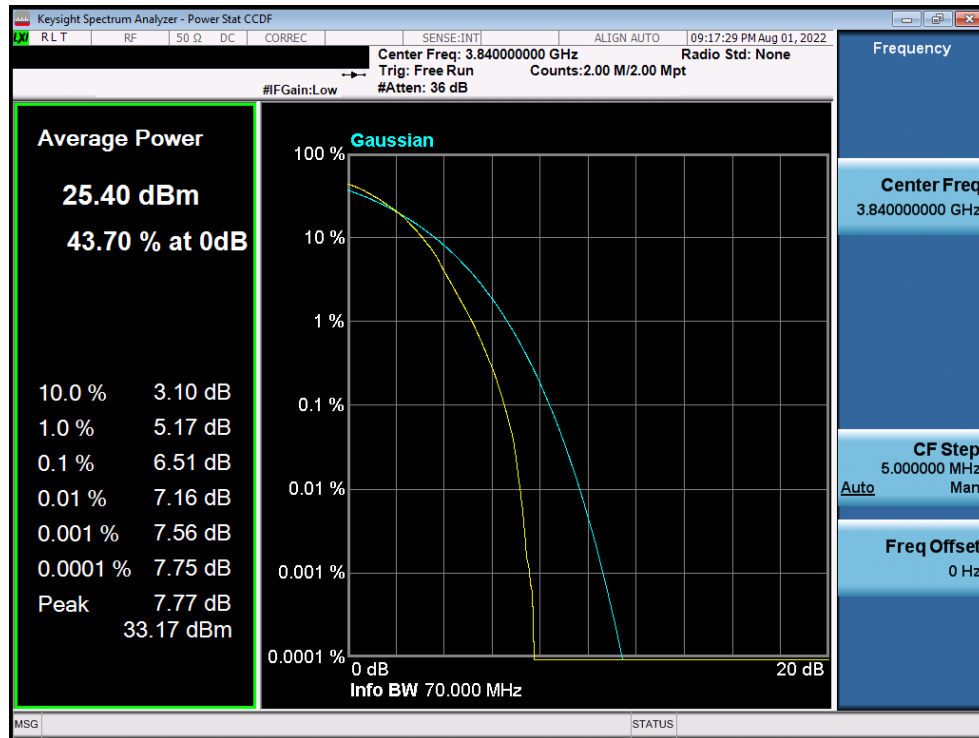


Plot 7-265. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)

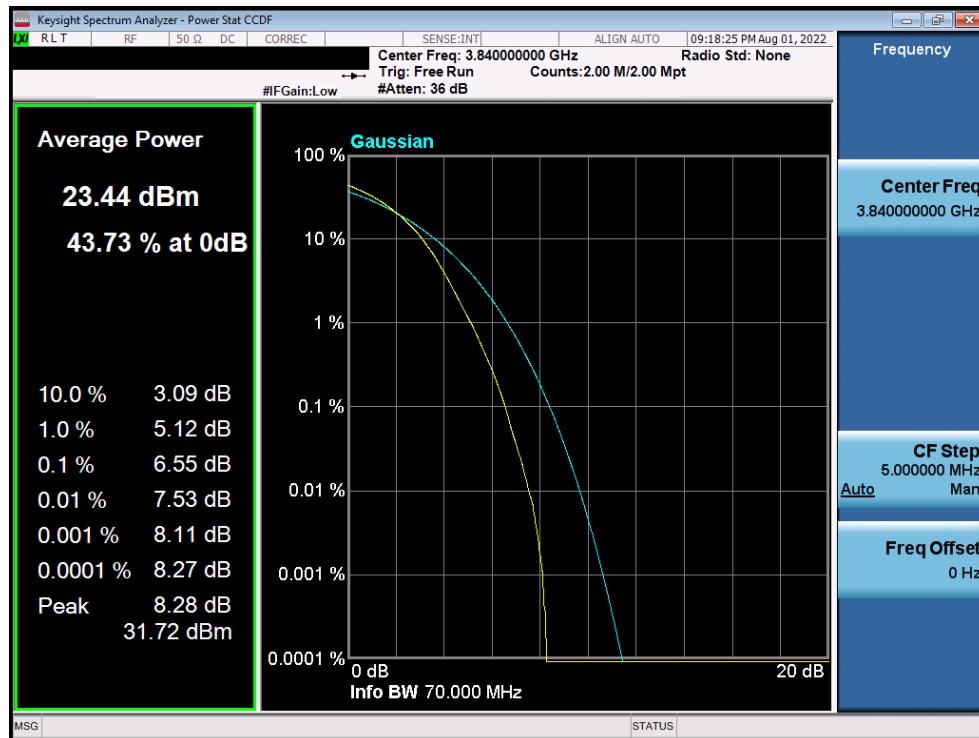
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 157 of 200

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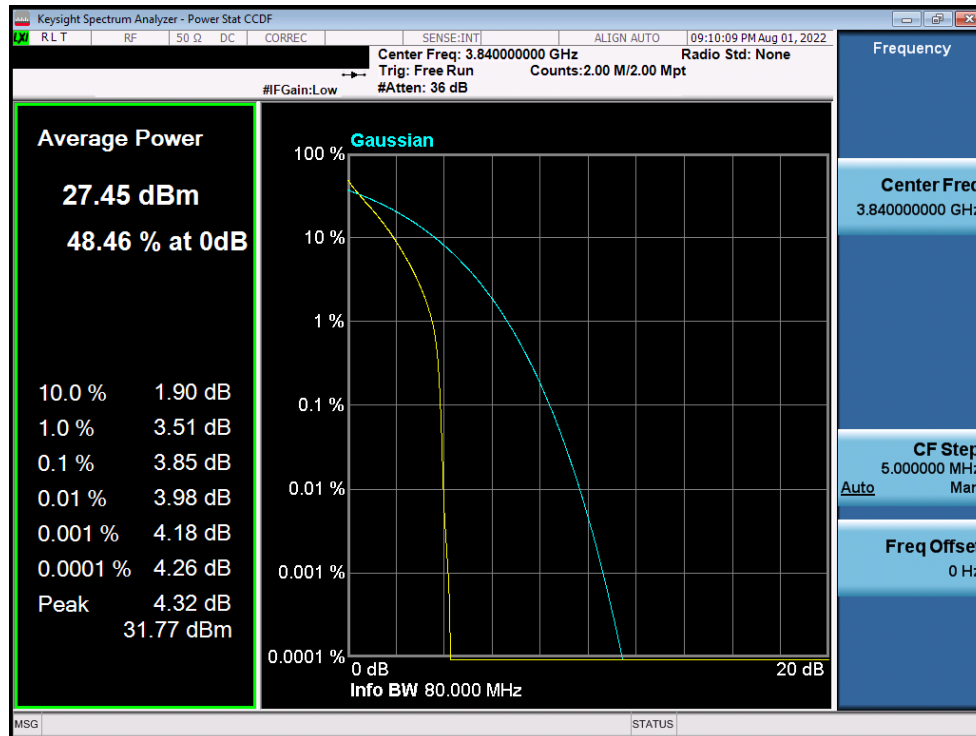


Plot 7-266. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 64-QAM - Full RB)

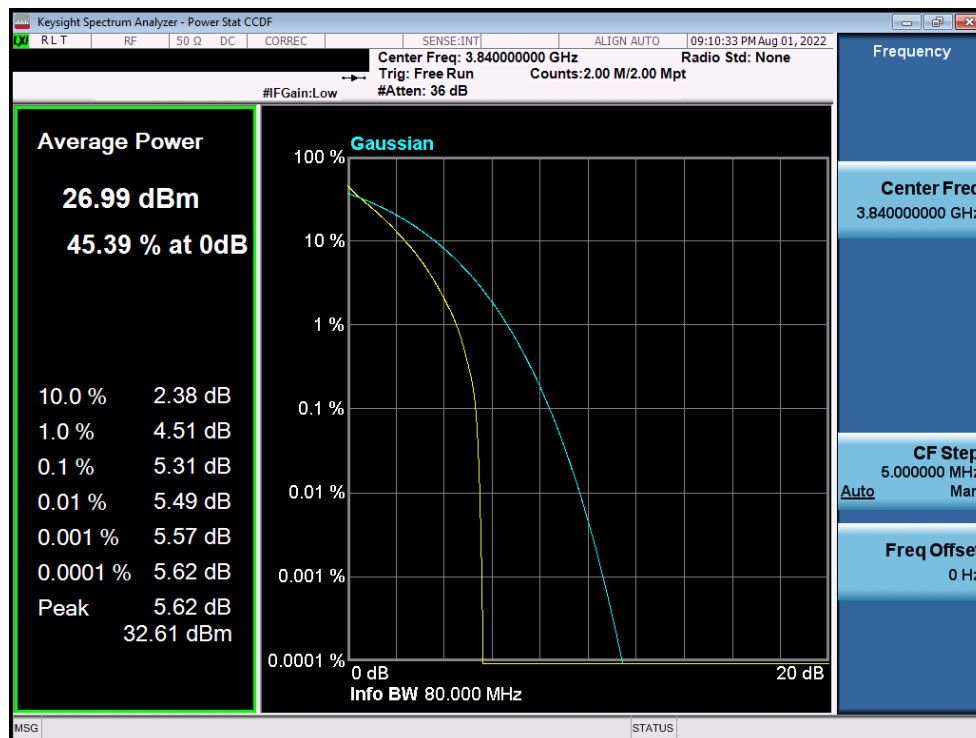


Plot 7-267. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-268. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

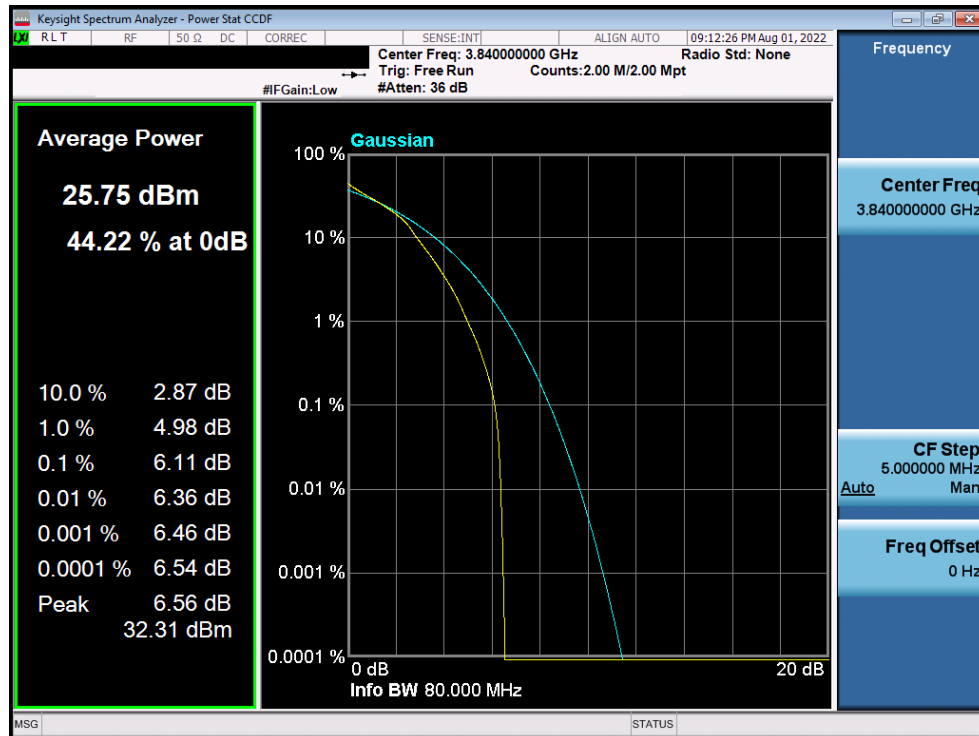


Plot 7-269. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM QPSK - Full RB)

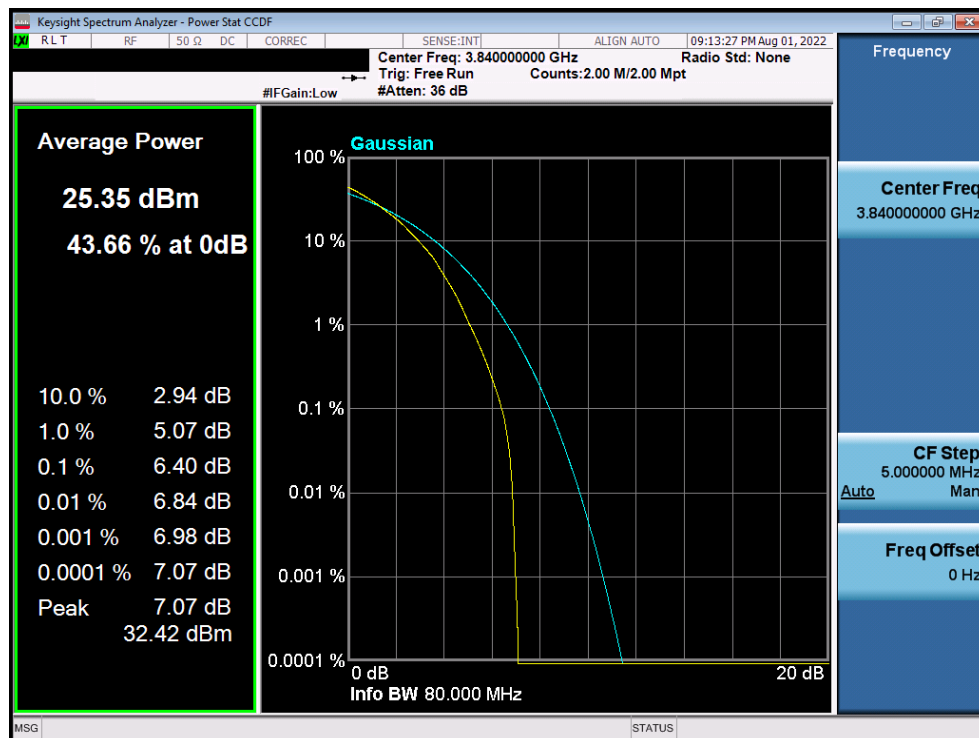
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 159 of 200

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Plot 7-270. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 16-QAM - Full RB)

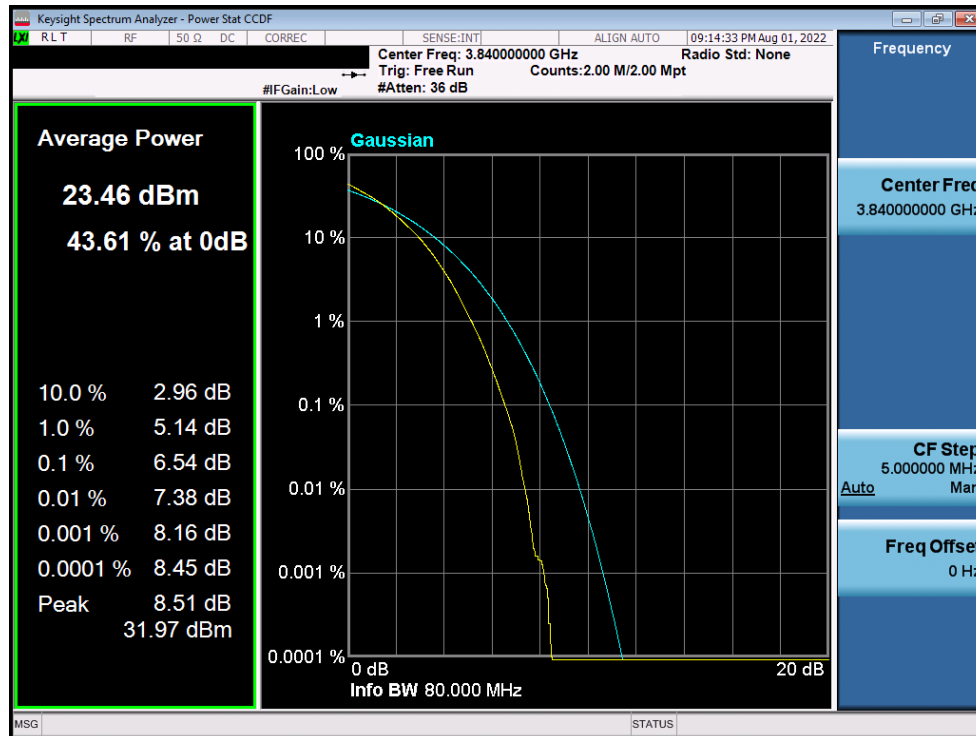


Plot 7-271. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 64-QAM - Full RB)

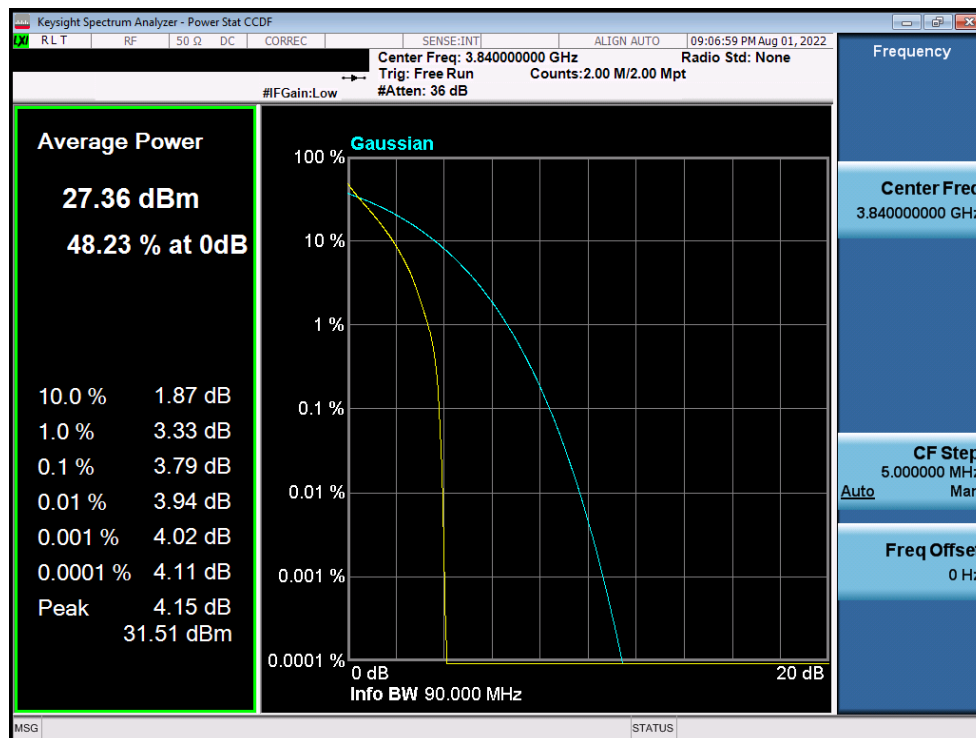
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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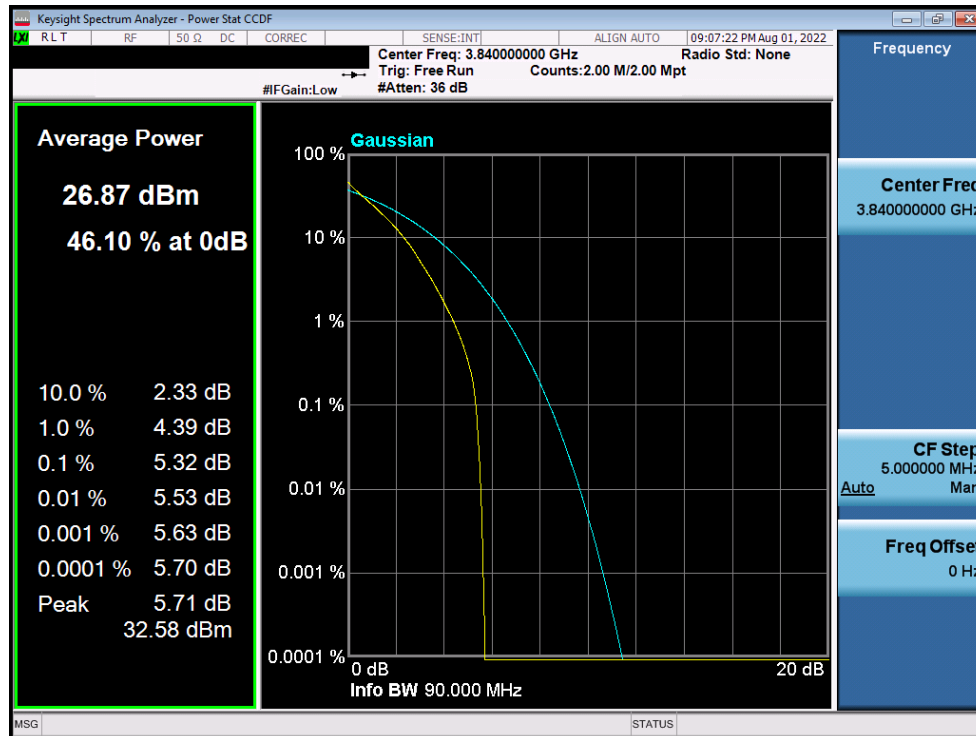


Plot 7-272. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 256-QAM - Full RB)

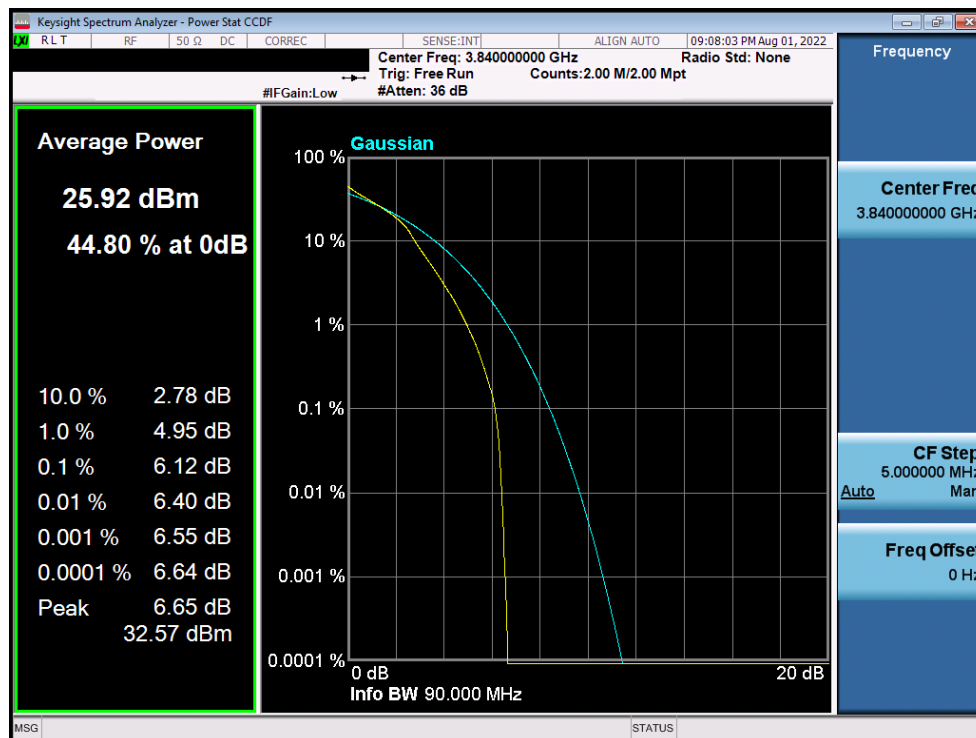


Plot 7-273. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-274. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM QPSK - Full RB)

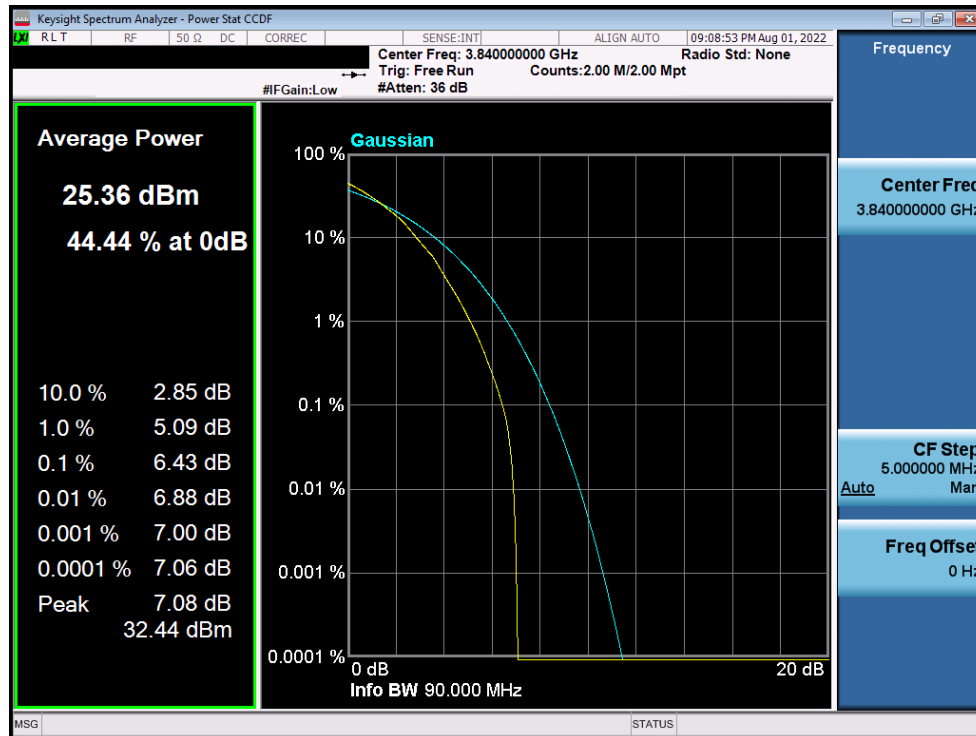


Plot 7-275. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 16-QAM - Full RB)

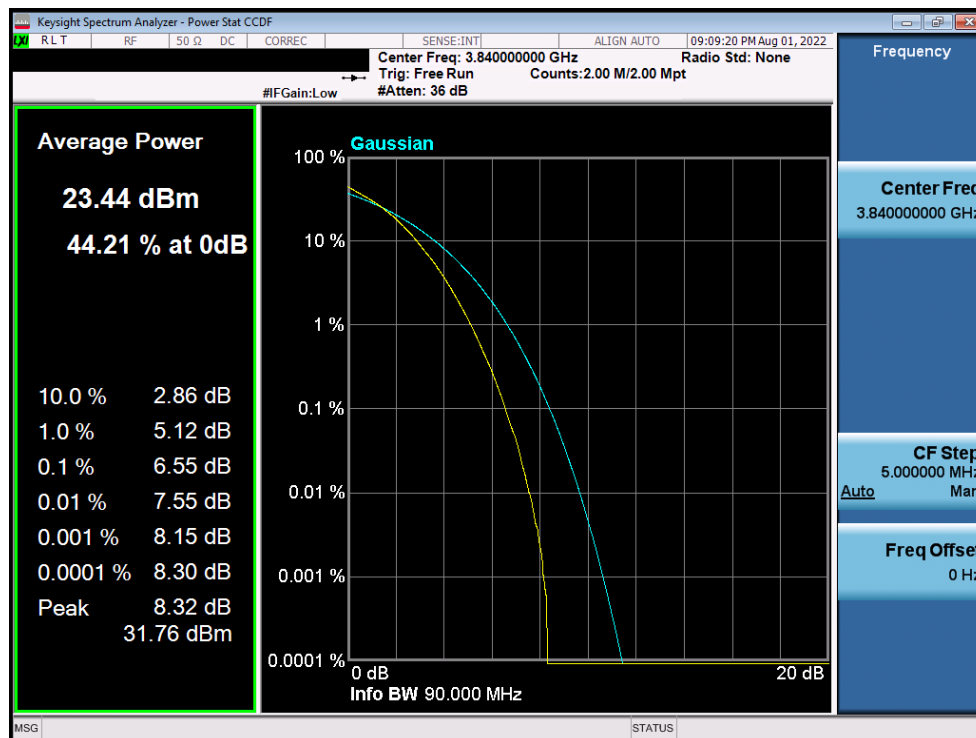
FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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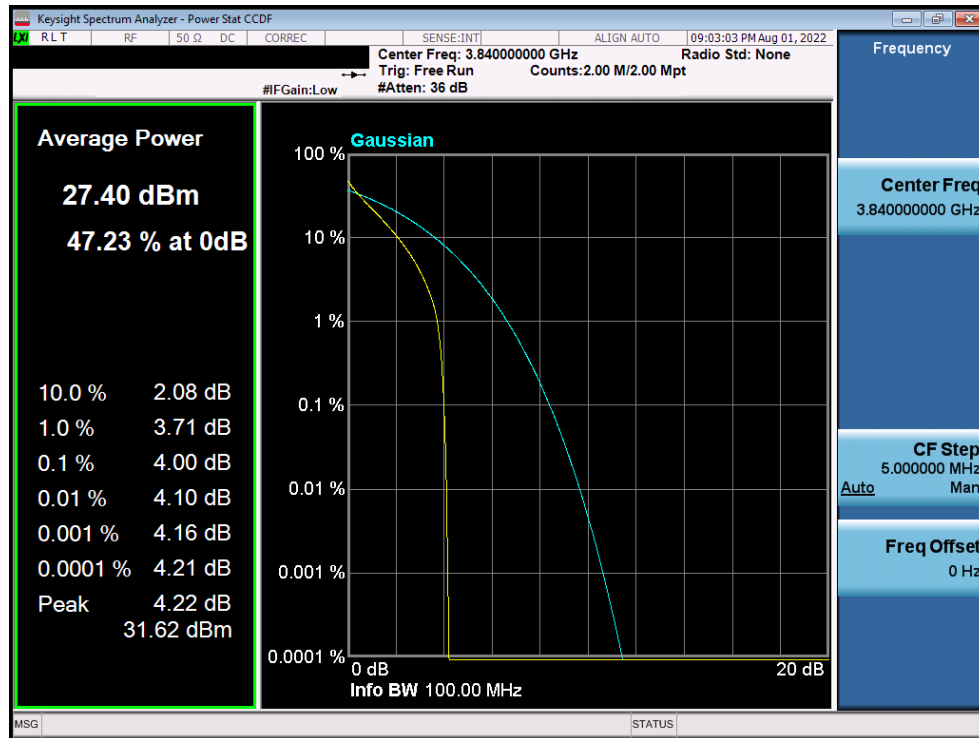
Plot 7-276. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 64-QAM - Full RB)



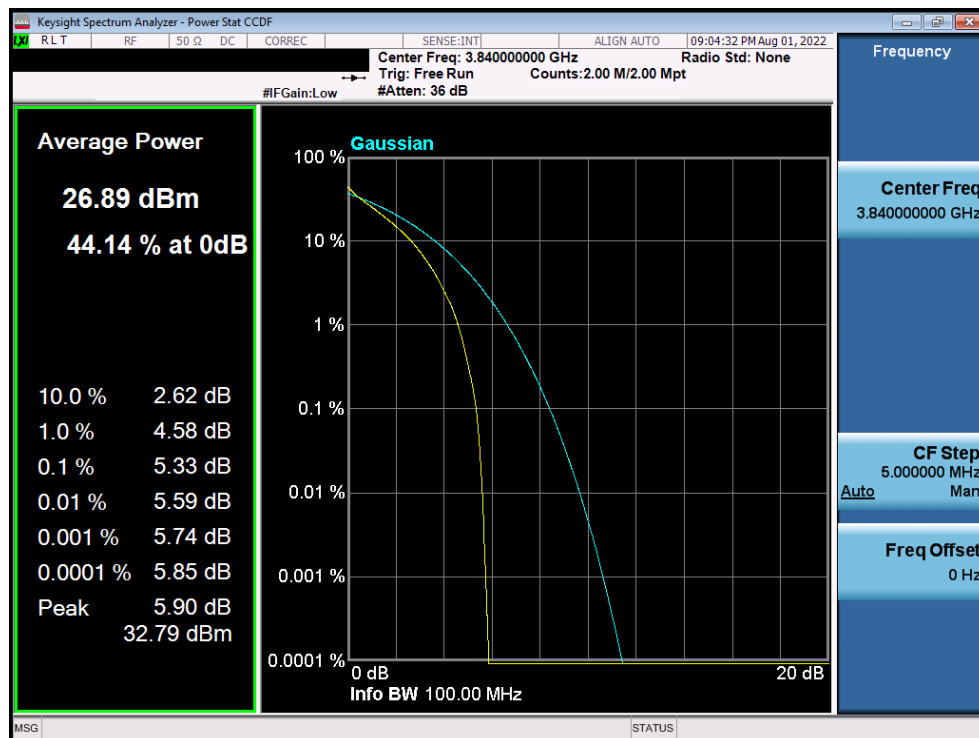
Plot 7-277. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2764	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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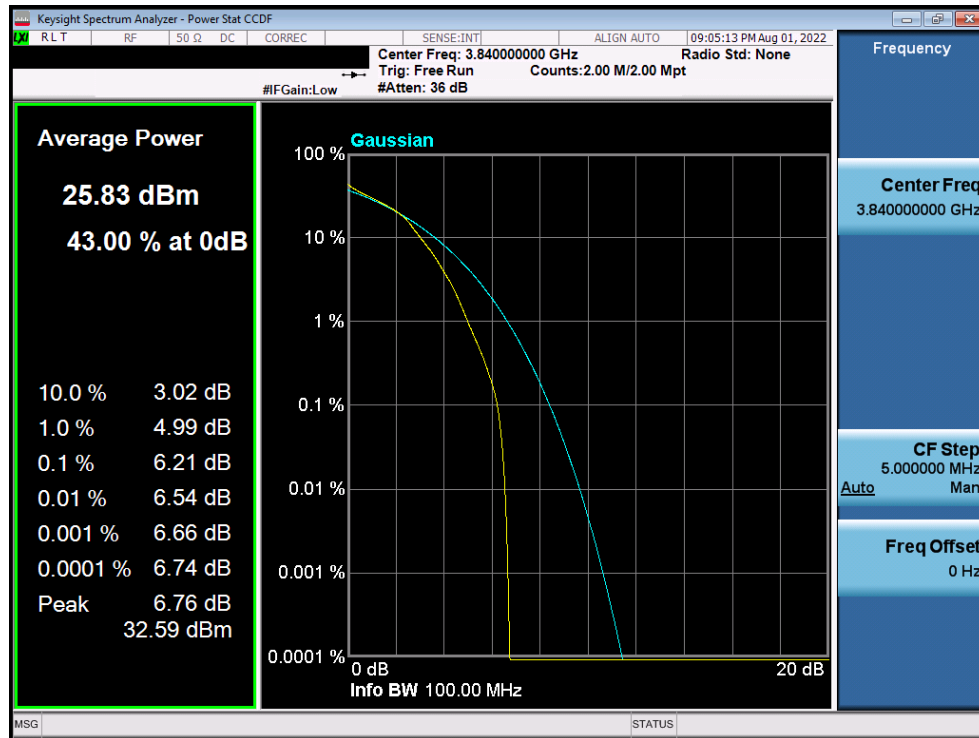
Plot 7-278. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



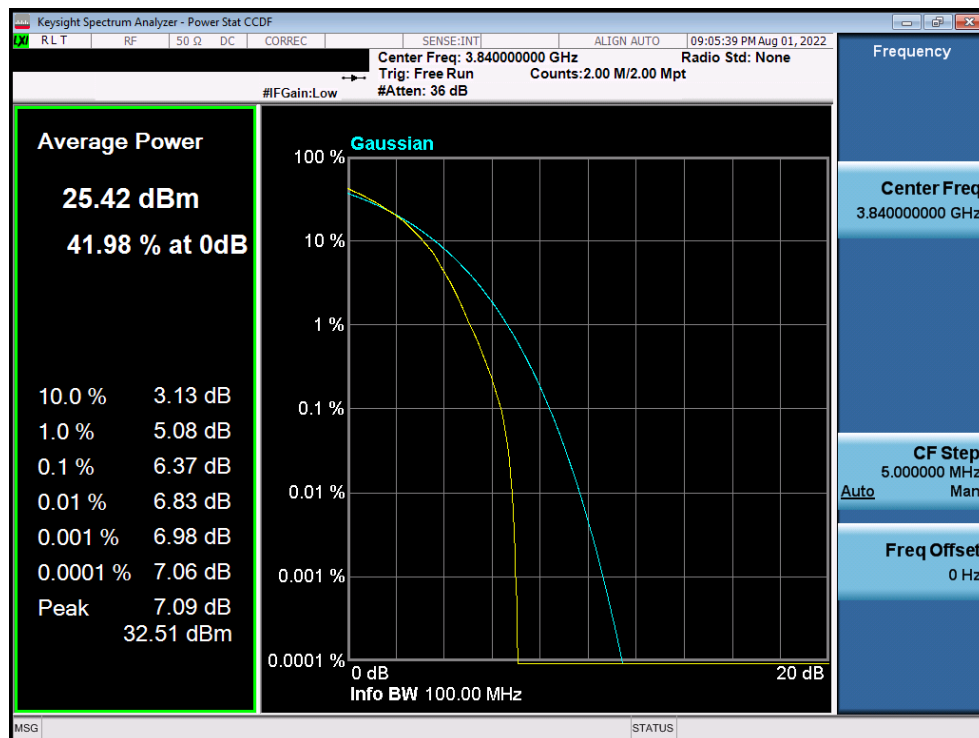
Plot 7-279. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-280. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 16-QAM - Full RB)

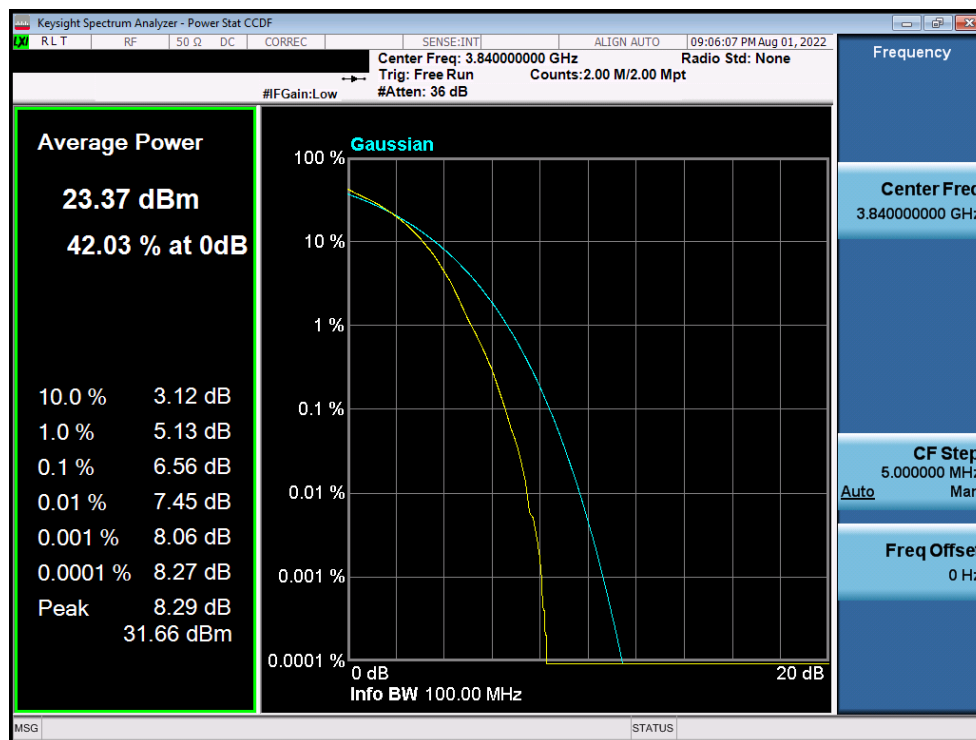


Plot 7-281. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-282. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6 Radiated Power (EIRP)

§27.50(j)(3), §27.50(k)(3)

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 ERP or 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.

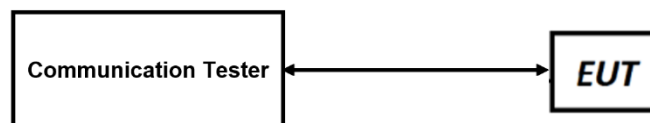


Figure 7-5. EIRP Measurement Setup

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. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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7.6.1 Antenna 3 – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3455.01	-0.30	1 / 6	27.38	27.08	0.511	30.00	-2.92
		3500.01	-0.30	1 / 6	27.31	27.01	0.502	30.00	-2.99
		3544.98	-0.30	1 / 17	27.46	27.16	0.520	30.00	-2.84
	QPSK	3455.01	-0.30	1 / 6	27.48	27.18	0.522	30.00	-2.82
		3500.01	-0.30	1 / 12	27.42	27.12	0.515	30.00	-2.88
		3544.98	-0.30	1 / 6	27.28	26.98	0.499	30.00	-3.02
	16-QAM	3544.98	-0.30	1 / 12	26.49	26.19	0.416	30.00	-3.81
	64-QAM	3500.01	-0.30	1 / 12	25.45	25.15	0.327	30.00	-4.85
	256-QAM	3500.01	-0.30	1 / 12	22.48	22.18	0.165	30.00	-7.82
15 MHz	π/2 BPSK	3457.50	-0.30	1 / 28	27.23	26.93	0.493	30.00	-3.07
		3500.01	-0.30	1 / 19	27.49	27.19	0.524	30.00	-2.81
		3542.49	-0.30	1 / 19	27.41	27.11	0.514	30.00	-2.89
	QPSK	3457.50	-0.30	1 / 19	27.47	27.17	0.521	30.00	-2.83
		3500.01	-0.30	1 / 9	27.29	26.99	0.500	30.00	-3.01
		3542.49	-0.30	1 / 28	27.27	26.97	0.498	30.00	-3.03
	16-QAM	3457.50	-0.30	1 / 9	26.54	26.24	0.421	30.00	-3.76
	64-QAM	3542.49	-0.30	1 / 28	25.55	25.25	0.335	30.00	-4.75
	256-QAM	3542.49	-0.30	1 / 9	22.55	22.25	0.168	30.00	-7.75
20 MHz	π/2 BPSK	3460.02	-0.30	1 / 13	27.22	26.92	0.492	30.00	-3.08
		3500.01	-0.30	1 / 13	27.35	27.05	0.507	30.00	-2.95
		3540.00	-0.30	1 / 37	27.40	27.10	0.513	30.00	-2.90
	QPSK	3460.02	-0.30	1 / 25	27.43	27.13	0.516	30.00	-2.87
		3500.01	-0.30	1 / 25	27.32	27.02	0.504	30.00	-2.98
		3540.00	-0.30	1 / 37	27.49	27.19	0.524	30.00	-2.81
	16-QAM	3540.00	-0.30	1 / 37	26.53	26.23	0.420	30.00	-3.77
	64-QAM	3540.00	-0.30	1 / 37	25.51	25.21	0.332	30.00	-4.79
	256-QAM	3500.01	-0.30	1 / 25	22.54	22.24	0.167	30.00	-7.76
30 MHz	π/2 BPSK	3465.00	-0.30	1 / 19	27.36	27.06	0.508	30.00	-2.94
		3500.01	-0.30	1 / 58	27.20	26.90	0.490	30.00	-3.10
		3534.99	-0.30	1 / 39	27.23	26.93	0.493	30.00	-3.07
	QPSK	3465.00	-0.30	1 / 58	27.41	27.11	0.514	30.00	-2.89
		3500.01	-0.30	1 / 39	27.38	27.08	0.511	30.00	-2.92
		3534.99	-0.30	1 / 58	27.27	26.97	0.498	30.00	-3.03
	16-QAM	3500.01	-0.30	1 / 58	26.54	26.24	0.421	30.00	-3.76
	64-QAM	3465.00	-0.30	1 / 39	25.50	25.20	0.331	30.00	-4.80
	256-QAM	3465.00	-0.30	1 / 58	22.53	22.23	0.167	30.00	-7.77
40 MHz	π/2 BPSK	3470.01	-0.30	1 / 26	27.32	27.02	0.504	30.00	-2.98
		3500.01	-0.30	1 / 53	27.44	27.14	0.518	30.00	-2.86
		3529.98	-0.30	1 / 26	27.48	27.18	0.522	30.00	-2.82
	QPSK	3470.01	-0.30	1 / 53	27.29	26.99	0.500	30.00	-3.01
		3500.01	-0.30	1 / 79	27.22	26.92	0.492	30.00	-3.08
		3529.98	-0.30	1 / 26	27.46	27.16	0.520	30.00	-2.84
	16-QAM	3500.01	-0.30	1 / 53	26.35	26.05	0.403	30.00	-3.95
	64-QAM	3529.98	-0.30	1 / 26	25.45	25.15	0.327	30.00	-4.85
	256-QAM	3529.98	-0.30	1 / 26	22.43	22.13	0.163	30.00	-7.87
50 MHz	π/2 BPSK	3475.02	-0.30	1 / 99	27.18	26.88	0.488	30.00	-3.12
		3500.01	-0.30	1 / 33	27.32	27.02	0.504	30.00	-2.98
		3525.00	-0.30	1 / 33	27.43	27.13	0.516	30.00	-2.87
	QPSK	3475.02	-0.30	1 / 66	27.39	27.09	0.512	30.00	-2.91
		3500.01	-0.30	1 / 66	27.30	27.00	0.501	30.00	-3.00
		3525.00	-0.30	1 / 33	27.33	27.03	0.505	30.00	-2.97
	16-QAM	3475.02	-0.30	1 / 99	26.43	26.13	0.410	30.00	-3.87
	64-QAM	3475.02	-0.30	1 / 66	25.54	25.24	0.334	30.00	-4.76
	256-QAM	3525.00	-0.30	1 / 33	22.54	22.24	0.167	30.00	-7.76
60 MHz	π/2 BPSK	3480.00	-0.30	1 / 121	27.41	27.11	0.514	30.00	-2.89
		3500.01	-0.30	1 / 40	27.45	27.15	0.519	30.00	-2.85
		3519.99	-0.30	1 / 81	27.20	26.90	0.490	30.00	-3.10
	QPSK	3480.00	-0.30	1 / 40	27.34	27.04	0.506	30.00	-2.96
		3500.01	-0.30	1 / 81	27.37	27.07	0.509	30.00	-2.93
		3519.99	-0.30	1 / 81	27.43	27.13	0.516	30.00	-2.87
	16-QAM	3480.00	-0.30	1 / 40	26.52	26.22	0.419	30.00	-3.78
	64-QAM	3519.99	-0.30	1 / 40	25.54	25.24	0.334	30.00	-4.76
	256-QAM	3519.99	-0.30	1 / 40	22.46	22.16	0.164	30.00	-7.84
70 MHz	π/2 BPSK	3485.01	-0.30	1 / 94	27.30	27.00	0.501	30.00	-3.00
		3500.01	-0.30	1 / 47	27.37	27.07	0.509	30.00	-2.93
		3514.98	-0.30	1 / 141	27.20	26.90	0.490	30.00	-3.10
	QPSK	3485.01	-0.30	1 / 94	27.24	26.94	0.494	30.00	-3.06
		3500.01	-0.30	1 / 47	27.39	27.09	0.512	30.00	-2.91
		3514.98	-0.30	1 / 141	27.33	27.03	0.505	30.00	-2.97
	16-QAM	3500.01	-0.30	1 / 47	26.48	26.18	0.415	30.00	-3.82
	64-QAM	3514.98	-0.30	1 / 141	25.50	25.20	0.331	30.00	-4.80
	256-QAM	3500.01	-0.30	1 / 94	22.48	22.18	0.165	30.00	-7.82
80 MHz	π/2 BPSK	3490.02	-0.30	1 / 54	27.21	26.91	0.491	30.00	-3.09
		3500.01	-0.30	1 / 54	27.41	27.11	0.514	30.00	-2.89
		3510.00	-0.30	1 / 108	27.36	27.06	0.508	30.00	-2.94
	QPSK	3490.02	-0.30	1 / 108	27.18	26.88	0.488	30.00	-3.12
		3500.01	-0.30	1 / 108	27.39	27.09	0.512	30.00	-2.91
		3510.00	-0.30	1 / 162	27.33	27.03	0.505	30.00	-2.97
	16-QAM	3490.02	-0.30	1 / 162	26.51	26.21	0.418	30.00	-3.79
	64-QAM	3490.02	-0.30	1 / 54	25.47	25.17	0.329	30.00	-4.83
	256-QAM	3510.00	-0.30	1 / 162	22.46	22.16	0.164	30.00	-7.84
90 MHz	π/2 BPSK	3495.00	-0.30	1 / 122	27.47	27.17	0.521	30.00	-2.83
		3500.01	-0.30	1 / 183	27.50	27.20	0.525	30.00	-2.80
		3504.99	-0.30	1 / 183	27.28	26.98	0.499	30.00	-3.02
	QPSK	3495.00	-0.30	1 / 122	27.30	27.00	0.501	30.00	-3.00
		3500.01	-0.30	1 / 61	27.37	27.07	0.509	30.00	-2.93
		3504.99	-0.30	1 / 122	27.28	26.98	0.499	30.00	-3.02
	16-QAM	3504.99	-0.30	1 / 122	26.50	26.20	0.417	30.00	-3.80
	64-QAM	3495.00	-0.30	1 / 61	25.47	25.17	0.329	30.00	-4.83
	256-QAM	3500.01	-0.30	1 / 183	22.51	22.21	0.166	30.00	-7.79
100 MHz	π/2 BPSK	3500.01	-0.30	1 / 68	27.44	27.14	0.518	30.00	-2.86
	QPSK	3500.01	-0.30	1 / 204	27.37	27.07	0.509	30.00	-2.93
	16-QAM	3500.01	-0.30	1 / 136	26.34	26.04	0.402	30.00	-3.96
	64-QAM	3500.01	-0.30	1 / 136	25.48	25.18	0.330	30.00	-4.82
	256-QAM	3500.01	-0.30	1 / 204	22.49	22.19	0.166	30.00	-7.81

Table 7-2. Antenna 3 EIRP Data (NR Band n77 (PC2) – DoD Band)

FCC ID: BCGA2764		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 168 of 200

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3455.01	-0.30	1 / 12	25.60	26.30	0.339	30.00	-4.70
		3500.01	-0.30	1 / 17	25.57	25.27	0.337	30.00	-4.73
		3544.98	-0.30	1 / 17	25.50	25.20	0.331	30.00	-4.80
	QPSK	3455.01	-0.30	1 / 17	25.51	25.21	0.332	30.00	-4.79
		3500.01	-0.30	1 / 17	25.42	25.12	0.325	30.00	-4.88
		3544.98	-0.30	1 / 6	25.58	25.28	0.337	30.00	-4.72
	16-QAM	3455.01	-0.30	1 / 6	24.65	24.35	0.272	30.00	-5.65
	64-QAM	3455.01	-0.30	1 / 17	23.72	23.42	0.220	30.00	-6.58
	256-QAM	3544.98	-0.30	1 / 6	20.70	20.40	0.110	30.00	-9.60
15 MHz	π/2 BPSK	3457.50	-0.30	1 / 28	25.55	25.25	0.335	30.00	-4.75
		3500.01	-0.30	1 / 19	25.63	26.33	0.341	30.00	-4.67
		3542.49	-0.30	1 / 19	25.56	25.26	0.336	30.00	-4.74
	QPSK	3457.50	-0.30	1 / 9	25.40	25.10	0.324	30.00	-4.90
		3500.01	-0.30	1 / 19	25.62	25.32	0.340	30.00	-4.68
		3542.49	-0.30	1 / 28	25.54	25.24	0.334	30.00	-4.76
	16-QAM	3542.49	-0.30	1 / 19	24.75	24.45	0.279	30.00	-5.55
	64-QAM	3457.50	-0.30	1 / 19	23.69	23.39	0.218	30.00	-6.61
	256-QAM	3542.49	-0.30	1 / 19	20.74	20.44	0.111	30.00	-9.56
20 MHz	π/2 BPSK	3460.02	-0.30	1 / 37	25.57	26.27	0.337	30.00	-4.73
		3500.01	-0.30	1 / 37	25.51	25.21	0.332	30.00	-4.79
		3540.00	-0.30	1 / 25	25.40	25.10	0.324	30.00	-4.90
	QPSK	3460.02	-0.30	1 / 37	25.42	25.12	0.325	30.00	-4.88
		3500.01	-0.30	1 / 25	25.28	24.98	0.315	30.00	-5.02
		3540.00	-0.30	1 / 37	25.36	25.06	0.321	30.00	-4.94
	16-QAM	3500.01	-0.30	1 / 25	24.71	24.41	0.276	30.00	-5.59
	64-QAM	3460.02	-0.30	1 / 25	23.68	23.38	0.218	30.00	-6.62
	256-QAM	3500.01	-0.30	1 / 25	20.65	20.35	0.108	30.00	-9.65
30 MHz	π/2 BPSK	3465.00	-0.30	1 / 58	25.41	25.11	0.324	30.00	-4.89
		3500.01	-0.30	1 / 19	25.32	25.02	0.318	30.00	-4.98
		3534.99	-0.30	1 / 58	25.56	25.26	0.336	30.00	-4.74
	QPSK	3465.00	-0.30	1 / 19	25.56	25.26	0.336	30.00	-4.74
		3500.01	-0.30	1 / 39	25.44	25.14	0.327	30.00	-4.86
		3534.99	-0.30	1 / 19	25.59	26.29	0.338	30.00	-4.71
	16-QAM	3534.99	-0.30	1 / 19	24.72	24.42	0.277	30.00	-5.58
	64-QAM	3534.99	-0.30	1 / 39	23.69	23.39	0.218	30.00	-6.61
	256-QAM	3534.99	-0.30	1 / 39	20.68	20.38	0.109	30.00	-9.62
40 MHz	π/2 BPSK	3470.01	-0.30	1 / 53	25.62	25.32	0.340	30.00	-4.68
		3500.01	-0.30	1 / 79	25.68	26.38	0.345	30.00	-4.62
		3529.98	-0.30	1 / 26	25.54	25.24	0.334	30.00	-4.76
	QPSK	3470.01	-0.30	1 / 53	25.65	25.35	0.343	30.00	-4.65
		3500.01	-0.30	1 / 79	25.61	25.31	0.340	30.00	-4.69
		3529.98	-0.30	1 / 53	25.67	25.37	0.344	30.00	-4.63
	16-QAM	3470.01	-0.30	1 / 79	24.83	24.53	0.284	30.00	-5.47
	64-QAM	3529.98	-0.30	1 / 53	23.70	23.40	0.219	30.00	-6.60
	256-QAM	3470.01	-0.30	1 / 53	20.59	20.29	0.107	30.00	-9.71
50 MHz	π/2 BPSK	3475.02	-0.30	1 / 66	25.54	25.24	0.334	30.00	-4.76
		3500.01	-0.30	1 / 66	25.52	25.22	0.333	30.00	-4.78
		3525.00	-0.30	1 / 33	25.68	25.38	0.345	30.00	-4.62
	QPSK	3475.02	-0.30	1 / 33	25.65	25.35	0.343	30.00	-4.65
		3500.01	-0.30	1 / 99	25.68	25.38	0.345	30.00	-4.62
		3525.00	-0.30	1 / 66	25.70	26.40	0.347	30.00	-4.60
	16-QAM	3475.02	-0.30	1 / 33	24.71	24.41	0.276	30.00	-5.59
	64-QAM	3475.02	-0.30	1 / 66	23.75	23.45	0.221	30.00	-6.55
	256-QAM	3525.00	-0.30	1 / 99	20.73	20.43	0.110	30.00	-9.57
60 MHz	π/2 BPSK	3480.00	-0.30	1 / 81	25.36	25.06	0.321	30.00	-4.94
		3500.01	-0.30	1 / 40	25.52	25.22	0.333	30.00	-4.78
		3519.99	-0.30	1 / 81	25.54	25.24	0.334	30.00	-4.76
	QPSK	3480.00	-0.30	1 / 81	25.60	26.30	0.339	30.00	-4.70
		3500.01	-0.30	1 / 40	25.46	25.16	0.328	30.00	-4.84
		3519.99	-0.30	1 / 81	25.42	25.12	0.325	30.00	-4.88
	16-QAM	3519.99	-0.30	1 / 81	24.78	24.48	0.281	30.00	-5.52
	64-QAM	3480.00	-0.30	1 / 40	23.67	23.37	0.217	30.00	-6.63
	256-QAM	3519.99	-0.30	1 / 121	20.66	20.36	0.109	30.00	-9.64
70 MHz	π/2 BPSK	3485.01	-0.30	1 / 47	25.33	25.03	0.318	30.00	-4.97
		3500.01	-0.30	1 / 94	25.54	25.24	0.334	30.00	-4.76
		3514.98	-0.30	1 / 47	25.44	25.14	0.327	30.00	-4.86
	QPSK	3485.01	-0.30	1 / 47	25.55	26.25	0.335	30.00	-4.75
		3500.01	-0.30	1 / 141	25.49	25.19	0.330	30.00	-4.81
		3514.98	-0.30	1 / 141	25.48	25.18	0.330	30.00	-4.82
	16-QAM	3485.01	-0.30	1 / 47	24.66	24.36	0.273	30.00	-5.64
	64-QAM	3500.01	-0.30	1 / 94	23.70	23.40	0.219	30.00	-6.60
	256-QAM	3485.01	-0.30	1 / 94	20.73	20.43	0.110	30.00	-9.57
80 MHz	π/2 BPSK	3490.02	-0.30	1 / 54	25.61	25.31	0.340	30.00	-4.69
		3500.01	-0.30	1 / 162	25.45	25.15	0.327	30.00	-4.85
		3510.00	-0.30	1 / 54	25.54	25.24	0.334	30.00	-4.76
	QPSK	3490.02	-0.30	1 / 162	25.53	25.23	0.333	30.00	-4.77
		3500.01	-0.30	1 / 54	25.62	25.32	0.340	30.00	-4.68
		3510.00	-0.30	1 / 54	25.64	25.34	0.342	30.00	-4.66
	16-QAM	3490.02	-0.30	1 / 162	26.43	26.13	0.410	30.00	-3.87
	64-QAM	3500.01	-0.30	1 / 108	25.50	25.20	0.331	30.00	-4.80
	256-QAM	3500.01	-0.30	1 / 54	22.47	22.17	0.165	30.00	-7.83
90 MHz	π/2 BPSK	3495.00	-0.30	1 / 61	25.39	25.09	0.323	30.00	-4.91
		3500.01	-0.30	1 / 122	25.43	25.13	0.326	30.00	-4.87
		3504.99	-0.30	1 / 122	25.25	24.95	0.313	30.00	-5.05
	QPSK	3495.00	-0.30	1 / 183	25.58	25.28	0.337	30.00	-4.72
		3500.01	-0.30	1 / 122	25.36	25.06	0.321	30.00	-4.94
		3504.99	-0.30	1 / 183	25.49	25.19	0.330	30.00	-4.81
	16-QAM	3500.01	-0.30	1 / 183	24.66	24.36	0.273	30.00	-5.64
	64-QAM	3500.01	-0.30	1 / 61	23.69	23.39	0.218	30.00	-6.61
	256-QAM	3500.01	-0.30	1 / 183	20.69	20.39	0.109	30.00	-9.61
100 MHz	π/2 BPSK	3500.01	-0.30	1 / 68	25.49	25.19	0.330	30.00	-4.81
		3500.01	-0.30	1 / 68	25.69	25.39	0.346	30.00	-4.61
		3500.01	-0.30	1 / 136	24.32	24.02	0.252	30.00	-5.98
	16-QAM	3500.01	-0.30	1 / 136	23.69	23.39	0.218	30.00	-6.61
	64-QAM	3500.01	-0.30	1 / 204	20.43	20.13	0.103	30.00	-9.87
	256-QAM	3500.01	-0.30	1 / 204	20.43	20.13	0.103	30.00	-9.87

Table 7-3. Antenna 3 EIRP Data (NR Band n77 (PC3) – DoD Band)

FCC ID: BCGA2764	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 169 of 200

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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	3705.00	-0.30	1 / 17	27.29	26.99	0.500	30.00	-3.01
		3840.00	-0.30	1 / 6	27.43	27.13	0.516	30.00	-2.87
		3975.00	-0.30	1 / 17	27.45	27.15	0.519	30.00	-2.85
	QPSK	3705.00	-0.30	1 / 6	27.43	27.13	0.516	30.00	-2.87
		3840.00	-0.30	1 / 12	27.40	27.10	0.513	30.00	-2.90
		3975.00	-0.30	1 / 12	27.37	27.07	0.509	30.00	-2.93
	16-QAM	3975.00	-0.30	1 / 12	26.51	26.21	0.418	30.00	-3.79
	64-QAM	3705.00	-0.30	1 / 6	25.52	25.22	0.333	30.00	-4.78
	256-QAM	3705.00	-0.30	1 / 6	22.42	22.12	0.163	30.00	-7.88
15 MHz	11/2 BPSK	3707.51	-0.30	1 / 19	27.45	27.15	0.519	30.00	-2.85
		3840.00	-0.30	1 / 28	27.29	26.99	0.500	30.00	-3.01
		3972.50	-0.30	1 / 19	27.46	27.16	0.520	30.00	-2.84
	QPSK	3707.51	-0.30	1 / 19	27.24	26.94	0.494	30.00	-3.06
		3840.00	-0.30	1 / 9	27.42	27.12	0.515	30.00	-2.88
		3972.50	-0.30	1 / 9	27.13	26.83	0.482	30.00	-3.17
	16-QAM	3707.51	-0.30	1 / 9	26.41	26.11	0.408	30.00	-3.89
	64-QAM	3707.51	-0.30	1 / 19	25.45	25.15	0.327	30.00	-4.85
	256-QAM	3972.50	-0.30	1 / 19	22.50	22.20	0.166	30.00	-7.80
20 MHz	11/2 BPSK	3710.01	-0.30	1 / 13	27.49	27.19	0.524	30.00	-2.81
		3840.00	-0.30	1 / 37	27.32	27.02	0.504	30.00	-2.98
		3969.99	-0.30	1 / 25	27.35	27.05	0.507	30.00	-2.95
	QPSK	3710.01	-0.30	1 / 13	27.38	27.08	0.511	30.00	-2.92
		3840.00	-0.30	1 / 25	27.31	27.01	0.502	30.00	-2.99
		3969.99	-0.30	1 / 37	27.40	27.10	0.513	30.00	-2.90
	16-QAM	3969.99	-0.30	1 / 37	26.50	26.20	0.417	30.00	-3.80
	64-QAM	3969.99	-0.30	1 / 25	25.31	25.01	0.317	30.00	-4.99
	256-QAM	3710.01	-0.30	1 / 13	22.44	22.14	0.164	30.00	-7.86
30 MHz	11/2 BPSK	3715.02	-0.30	1 / 39	27.40	27.10	0.513	30.00	-2.90
		3840.00	-0.30	1 / 19	27.44	27.14	0.518	30.00	-2.86
		3964.98	-0.30	1 / 19	27.23	26.93	0.493	30.00	-3.07
	QPSK	3715.02	-0.30	1 / 58	27.38	27.08	0.511	30.00	-2.92
		3840.00	-0.30	1 / 39	27.49	27.19	0.524	30.00	-2.81
		3964.98	-0.30	1 / 19	27.47	27.17	0.521	30.00	-2.83
	16-QAM	3840.00	-0.30	1 / 58	26.51	26.21	0.418	30.00	-3.79
	64-QAM	3964.98	-0.30	1 / 58	25.48	25.18	0.330	30.00	-4.82
	256-QAM	3715.02	-0.30	1 / 39	22.47	22.17	0.165	30.00	-7.83
40 MHz	11/2 BPSK	3720.00	-0.30	1 / 79	27.27	26.97	0.498	30.00	-3.03
		3840.00	-0.30	1 / 53	27.47	27.17	0.521	30.00	-2.83
		3960.00	-0.30	1 / 79	27.24	26.94	0.494	30.00	-3.06
	QPSK	3720.00	-0.30	1 / 79	27.29	26.99	0.500	30.00	-3.01
		3840.00	-0.30	1 / 79	27.49	27.19	0.524	30.00	-2.81
		3960.00	-0.30	1 / 79	27.33	27.03	0.505	30.00	-2.97
	16-QAM	3840.00	-0.30	1 / 26	26.55	26.25	0.422	30.00	-3.75
	64-QAM	3840.00	-0.30	1 / 53	25.59	25.29	0.338	30.00	-4.71
	256-QAM	3960.00	-0.30	1 / 53	22.54	22.24	0.167	30.00	-7.76
50 MHz	11/2 BPSK	3725.01	-0.30	1 / 33	27.38	27.08	0.511	30.00	-2.92
		3840.00	-0.30	1 / 99	27.28	26.98	0.499	30.00	-3.02
		3954.99	-0.30	1 / 99	27.37	27.07	0.509	30.00	-2.93
	QPSK	3725.01	-0.30	1 / 66	27.19	26.89	0.489	30.00	-3.11
		3840.00	-0.30	1 / 66	27.43	27.13	0.516	30.00	-2.87
		3954.99	-0.30	1 / 33	27.37	27.07	0.509	30.00	-2.93
	16-QAM	3954.99	-0.30	1 / 66	26.49	26.19	0.416	30.00	-3.81
	64-QAM	3840.00	-0.30	1 / 99	25.46	25.16	0.328	30.00	-4.84
	256-QAM	3725.01	-0.30	1 / 99	22.50	22.20	0.166	30.00	-7.80
60 MHz	11/2 BPSK	3730.02	-0.30	1 / 81	27.38	27.08	0.511	30.00	-2.92
		3840.00	-0.30	1 / 40	27.49	27.19	0.524	30.00	-2.81
		3949.98	-0.30	1 / 81	27.37	27.07	0.509	30.00	-2.93
	QPSK	3730.02	-0.30	1 / 121	27.31	27.01	0.502	30.00	-2.99
		3840.00	-0.30	1 / 81	27.46	27.16	0.520	30.00	-2.84
		3949.98	-0.30	1 / 121	27.33	27.03	0.505	30.00	-2.97
	16-QAM	3949.98	-0.30	1 / 121	26.42	26.12	0.409	30.00	-3.88
	64-QAM	3840.00	-0.30	1 / 81	25.49	25.19	0.330	30.00	-4.81
	256-QAM	3840.00	-0.30	1 / 121	22.51	22.21	0.166	30.00	-7.79
70 MHz	11/2 BPSK	3735.00	-0.30	1 / 94	27.20	26.90	0.490	30.00	-3.10
		3945.00	-0.30	1 / 141	27.28	26.98	0.499	30.00	-3.02
		3945.00	-0.30	1 / 94	27.40	27.10	0.513	30.00	-2.90
	QPSK	3735.00	-0.30	1 / 141	27.41	27.11	0.514	30.00	-2.89
		3840.00	-0.30	1 / 94	27.18	26.88	0.488	30.00	-3.12
		3945.00	-0.30	1 / 47	27.49	27.19	0.524	30.00	-2.81
	16-QAM	3945.00	-0.30	1 / 141	26.43	26.13	0.410	30.00	-3.87
	64-QAM	3840.00	-0.30	1 / 47	25.27	24.97	0.314	30.00	-5.03
	256-QAM	3840.00	-0.30	1 / 47	22.43	22.13	0.163	30.00	-7.87
80 MHz	11/2 BPSK	3740.01	-0.30	1 / 162	27.36	27.06	0.508	30.00	-2.94
		3840.00	-0.30	1 / 162	27.41	27.11	0.514	30.00	-2.89
		3939.99	-0.30	1 / 162	27.22	26.92	0.492	30.00	-3.08
	QPSK	3740.01	-0.30	1 / 162	27.37	27.07	0.509	30.00	-2.93
		3840.00	-0.30	1 / 108	27.31	27.01	0.502	30.00	-2.99
		3939.99	-0.30	1 / 54	27.36	27.06	0.508	30.00	-2.94
	16-QAM	3939.99	-0.30	1 / 54	26.52	26.22	0.419	30.00	-3.78
	64-QAM	3840.00	-0.30	1 / 162	25.47	25.17	0.329	30.00	-4.83
	256-QAM	3740.01	-0.30	1 / 54	22.52	22.22	0.167	30.00	-7.78
90 MHz	11/2 BPSK	3745.02	-0.30	1 / 183	27.38	27.08	0.511	30.00	-2.92
		3840.00	-0.30	1 / 122	27.34	27.04	0.506	30.00	-2.96
		3934.98	-0.30	1 / 122	27.46	27.16	0.520	30.00	-2.84
	QPSK	3745.02	-0.30	1 / 61	27.21	26.91	0.491	30.00	-3.09
		3840.00	-0.30	1 / 61	27.43	27.13	0.516	30.00	-2.87
		3934.98	-0.30	1 / 61	27.48	27.18	0.522	30.00	-2.82
	16-QAM	3934.98	-0.30	1 / 61	26.48	26.18	0.415	30.00	-3.82
	64-QAM	3745.02	-0.30	1 / 122	25.37	25.07	0.321	30.00	-4.93
	256-QAM	3934.98	-0.30	1 / 61	22.50	22.20	0.166	30.00	-7.80
100 MHz	11/2 BPSK	3750.00	-0.30	1 / 136	27.08	26.78	0.477	30.00	-3.22
		3840.00	-0.30	1 / 204	26.94	26.64	0.461	30.00	-3.36
		3930.00	-0.30	1 / 68	26.91	26.61	0.458	30.00	-3.39
	QPSK	3750.00	-0.30	1 / 136	27.28	26.98	0.498	30.00	-3.02
		3840.00	-0.30	1 / 68	27.04	26.74	0.472	30.00	-3.26
		3930.00	-0.30	1 / 204	27.19	26.89	0.488	30.00	-3.11
	16-QAM	3750.00	-0.30	1 / 68	26.22	25.92	0.391	30.00	-4.08
	64-QAM	3930.00	-0.30	1 / 68	25.90	25.60	0.363	30.00	-4.40
	256-QAM	3750.00	-0.30	1 / 68	25.90	25.60	0.363	30.00	-4.40

Table 7-4. Antenna 3 EIRP Data (NR Band n77 (PC2) – C Band)

FCC ID: BCGA2764		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 170 of 200	

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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	π/2 BPSK	3705.00	-0.30	1 / 23	25.61	25.31	0.340	30.00	-4.69	
		3840.00	-0.30	1 / 23	25.63	25.33	0.341	30.00	-4.67	
		3975.00	-0.30	1 / 0	25.45	25.15	0.327	30.00	-4.85	
	QPSK	3705.00	-0.30	1 / 23	25.69	25.39	0.346	30.00	-4.61	
		3840.00	-0.30	1 / 0	25.40	25.10	0.324	30.00	-4.90	
		3975.00	-0.30	1 / 12	25.56	25.26	0.336	30.00	-4.74	
	16-QAM	3975.00	-0.30	1 / 12	24.71	24.41	0.276	30.00	-5.59	
	64-QAM	3840.00	-0.30	1 / 23	23.72	23.42	0.220	30.00	-6.58	
	256-QAM	3840.00	-0.30	1 / 23	20.68	20.38	0.109	30.00	-9.62	
	π/2 BPSK	3707.51	-0.30	1 / 36	25.42	25.12	0.325	30.00	-4.88	
3840.00		-0.30	1 / 0	25.62	25.32	0.340	30.00	-4.68		
3972.50		-0.30	1 / 0	25.69	25.39	0.346	30.00	-4.61		
15 MHz	QPSK	3707.51	-0.30	1 / 19	25.52	25.22	0.333	30.00	-4.78	
		3840.00	-0.30	1 / 36	25.66	25.36	0.344	30.00	-4.64	
		3972.50	-0.30	1 / 19	25.55	25.25	0.335	30.00	-4.75	
	16-QAM	3972.50	-0.30	1 / 0	24.70	24.40	0.275	30.00	-5.60	
	64-QAM	3840.00	-0.30	1 / 36	23.65	23.35	0.216	30.00	-6.65	
	256-QAM	3972.50	-0.30	1 / 19	20.68	20.38	0.109	30.00	-9.62	
20 MHz	π/2 BPSK	3710.01	-0.30	1 / 25	25.57	25.27	0.337	30.00	-4.73	
		3840.00	-0.30	1 / 0	25.68	25.38	0.345	30.00	-4.62	
		3969.99	-0.30	1 / 0	25.64	25.34	0.342	30.00	-4.66	
	QPSK	3710.01	-0.30	1 / 0	25.63	25.33	0.341	30.00	-4.67	
		3840.00	-0.30	1 / 25	25.60	25.30	0.339	30.00	-4.70	
		3969.99	-0.30	1 / 25	25.61	25.31	0.340	30.00	-4.69	
	16-QAM	3710.01	-0.30	1 / 25	24.67	24.37	0.274	30.00	-5.63	
	64-QAM	3710.01	-0.30	1 / 0	23.60	23.30	0.214	30.00	-6.70	
	256-QAM	3710.01	-0.30	1 / 48	20.67	20.37	0.109	30.00	-9.63	
	30 MHz	π/2 BPSK	3715.02	-0.30	1 / 39	25.61	25.31	0.340	30.00	-4.69
3840.00			-0.30	1 / 0	25.64	25.34	0.342	30.00	-4.66	
3964.98			-0.30	1 / 76	25.52	25.22	0.333	30.00	-4.78	
QPSK		3715.02	-0.30	1 / 76	25.54	25.24	0.334	30.00	-4.76	
		3840.00	-0.30	1 / 0	25.69	25.39	0.346	30.00	-4.61	
		3964.98	-0.30	1 / 39	25.57	25.27	0.337	30.00	-4.73	
16-QAM		3964.98	-0.30	1 / 39	24.70	24.40	0.275	30.00	-5.60	
64-QAM		3964.98	-0.30	1 / 0	23.68	23.38	0.218	30.00	-6.62	
256-QAM		3840.00	-0.30	1 / 0	20.72	20.42	0.110	30.00	-9.58	
40 MHz		π/2 BPSK	3720.00	-0.30	1 / 98	25.69	25.39	0.346	30.00	-4.61
	3840.00		-0.30	1 / 98	25.61	25.31	0.340	30.00	-4.69	
	3960.00		-0.30	1 / 98	25.40	25.10	0.324	30.00	-4.90	
	QPSK	3720.00	-0.30	1 / 0	25.66	25.36	0.344	30.00	-4.64	
		3840.00	-0.30	1 / 50	25.58	25.28	0.337	30.00	-4.72	
		3960.00	-0.30	1 / 50	25.56	25.26	0.336	30.00	-4.74	
	16-QAM	3960.00	-0.30	1 / 98	24.61	24.31	0.270	30.00	-5.69	
	64-QAM	3720.00	-0.30	1 / 50	23.63	23.33	0.215	30.00	-6.67	
	256-QAM	3960.00	-0.30	1 / 98	20.68	20.38	0.109	30.00	-9.62	
	50 MHz	π/2 BPSK	3725.01	-0.30	1 / 126	25.69	25.39	0.346	30.00	-4.61
3840.00			-0.30	1 / 64	25.59	25.29	0.338	30.00	-4.71	
3954.99			-0.30	1 / 64	25.56	25.26	0.336	30.00	-4.74	
QPSK		3725.01	-0.30	1 / 64	25.63	25.33	0.341	30.00	-4.67	
		3840.00	-0.30	1 / 64	25.54	25.24	0.334	30.00	-4.76	
		3954.99	-0.30	1 / 126	25.71	25.41	0.348	30.00	-4.59	
16-QAM		3954.99	-0.30	1 / 126	24.73	24.43	0.277	30.00	-5.57	
64-QAM		3725.01	-0.30	1 / 0	23.74	23.44	0.221	30.00	-6.56	
256-QAM		3954.99	-0.30	1 / 0	20.61	20.31	0.107	30.00	-9.69	
60 MHz		π/2 BPSK	3730.02	-0.30	1 / 0	25.56	25.26	0.336	30.00	-4.74
	3840.00		-0.30	1 / 81	25.66	25.36	0.344	30.00	-4.64	
	3949.98		-0.30	1 / 0	25.43	25.13	0.326	30.00	-4.87	
	QPSK	3730.02	-0.30	1 / 0	25.37	25.07	0.321	30.00	-4.93	
		3840.00	-0.30	1 / 81	25.38	25.08	0.322	30.00	-4.92	
		3949.98	-0.30	1 / 162	25.52	25.22	0.333	30.00	-4.78	
	16-QAM	3730.02	-0.30	1 / 81	24.68	24.38	0.274	30.00	-5.62	
		3840.00	-0.30	1 / 162	23.73	23.43	0.220	30.00	-6.57	
		3840.00	-0.30	1 / 0	20.71	20.41	0.110	30.00	-9.59	
	256-QAM	3735.00	-0.30	1 / 90	25.40	25.10	0.324	30.00	-4.90	
70 MHz	π/2 BPSK	3840.00	-0.30	1 / 0	25.44	25.14	0.327	30.00	-4.88	
		3945.00	-0.30	1 / 0	25.63	25.33	0.341	30.00	-4.67	
		3735.00	-0.30	1 / 0	25.61	25.31	0.340	30.00	-4.69	
	QPSK	3840.00	-0.30	1 / 90	25.52	25.22	0.333	30.00	-4.78	
		3945.00	-0.30	1 / 187	25.55	25.25	0.335	30.00	-4.75	
		3735.00	-0.30	1 / 0	24.69	24.39	0.275	30.00	-5.61	
	16-QAM	3840.00	-0.30	1 / 90	23.73	23.43	0.220	30.00	-6.57	
	256-QAM	3840.00	-0.30	1 / 187	20.66	20.36	0.109	30.00	-9.64	
	80 MHz	π/2 BPSK	3740.01	-0.30	1 / 214	25.69	25.39	0.346	30.00	-4.61
			3840.00	-0.30	1 / 214	25.57	25.27	0.337	30.00	-4.73
3939.99			-0.30	1 / 214	25.63	25.33	0.341	30.00	-4.67	
QPSK		3740.01	-0.30	1 / 214	25.41	25.11	0.324	30.00	-4.89	
		3840.00	-0.30	1 / 108	25.53	25.23	0.333	30.00	-4.77	
		3939.99	-0.30	1 / 0	25.62	25.32	0.340	30.00	-4.68	
16-QAM		3939.99	-0.30	1 / 0	24.56	24.26	0.267	30.00	-5.74	
64-QAM		3939.99	-0.30	1 / 214	23.65	23.35	0.216	30.00	-6.65	
256-QAM		3939.99	-0.30	1 / 214	20.61	20.31	0.107	30.00	-9.69	
90 MHz		π/2 BPSK	3745.02	-0.30	1 / 238	25.43	25.13	0.326	30.00	-4.87
	3840.00		-0.30	1 / 0	25.49	25.19	0.330	30.00	-4.81	
	3934.98		-0.30	1 / 120	25.67	25.37	0.344	30.00	-4.63	
	QPSK	3745.02	-0.30	1 / 0	25.56	25.26	0.336	30.00	-4.74	
		3840.00	-0.30	1 / 238	25.50	25.20	0.331	30.00	-4.80	
		3934.98	-0.30	1 / 120	25.51	25.21	0.332	30.00	-4.79	
	16-QAM	3745.02	-0.30	1 / 238	24.73	24.43	0.277	30.00	-5.57	
	64-QAM	3840.00	-0.30	1 / 238	23.63	23.33	0.215	30.00	-6.67	
	256-QAM	3840.00	-0.30	1 / 238	20.74	20.44	0.111	30.00	-9.56	
	100 MHz	π/2 BPSK	3750.00	-0.30	1 / 135	25.57	25.27	0.337	30.00	-4.73
3840.00			-0.30	1 / 135	25.45	25.15	0.327	30.00	-4.85	
3930.00			-0.30	1 / 135	25.68	25.38	0.345	30.00	-4.62	
QPSK		3750.00	-0.30	1 / 268	25.66	25.36	0.344	30.00	-4.64	
		3840.00	-0.30	1 / 135	25.41	25.11	0.324	30.00	-4.89	
		3930.00	-0.30	1 / 135	25.51	25.21	0.332	30.00	-4.79	
16-QAM		3840.00	-0.30	1 / 0	24.64	24.34	0.272	30.00	-5.66	
64-QAM		3930.00	-0.30	1 / 268	23.67	23.37	0.217	30.00	-6.63	
256-QAM		3840.00	-0.30	1 / 0	20.60	20.30	0.107	30.00	-9.70	

Table 7-5. Antenna 3 EIRP Data (NR Band n77 (PC3) – C Band)

FCC ID: BCGA2764		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 171 of 200	

7.6.2 Antenna 1 – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3455.01	1.10	1 / 6	23.36	24.46	0.279	30.00	-5.54
		3500.01	1.10	1 / 12	23.28	24.38	0.274	30.00	-5.62
		3544.98	1.10	1 / 6	23.30	24.40	0.275	30.00	-5.60
	QPSK	3455.01	1.10	1 / 6	23.33	24.43	0.277	30.00	-5.57
		3500.01	1.10	1 / 17	23.27	24.37	0.274	30.00	-5.63
		3544.98	1.10	1 / 17	22.99	24.09	0.256	30.00	-5.91
	16-QAM	3455.01	1.10	1 / 6	22.45	23.55	0.226	30.00	-6.45
	64-QAM	3544.98	1.10	1 / 12	21.55	22.65	0.184	30.00	-7.35
	256-QAM	3455.01	1.10	1 / 6	18.56	19.66	0.092	30.00	-10.34
15 MHz	π/2 BPSK	3457.50	1.10	1 / 9	23.31	24.41	0.276	30.00	-5.59
		3500.01	1.10	1 / 28	23.25	24.35	0.272	30.00	-5.65
		3542.49	1.10	1 / 19	23.46	24.56	0.286	30.00	-5.44
	QPSK	3457.50	1.10	1 / 19	23.52	24.62	0.290	30.00	-5.38
		3500.01	1.10	1 / 28	23.38	24.48	0.281	30.00	-5.55
		3542.49	1.10	1 / 19	23.19	24.29	0.269	30.00	-5.71
	16-QAM	3457.50	1.10	1 / 28	22.51	23.61	0.230	30.00	-6.39
	64-QAM	3500.01	1.10	1 / 28	21.50	22.60	0.182	30.00	-7.40
	256-QAM	3457.50	1.10	1 / 9	18.43	19.53	0.090	30.00	-10.47
20 MHz	π/2 BPSK	3460.02	1.10	1 / 25	23.39	24.49	0.281	30.00	-5.51
		3500.01	1.10	1 / 25	23.10	24.20	0.263	30.00	-5.80
		3540.00	1.10	1 / 13	23.40	24.60	0.282	30.00	-5.50
	QPSK	3460.02	1.10	1 / 25	23.20	24.30	0.269	30.00	-5.70
		3500.01	1.10	1 / 37	23.14	24.24	0.265	30.00	-5.76
		3540.00	1.10	1 / 37	23.30	24.40	0.275	30.00	-5.60
	16-QAM	3540.00	1.10	1 / 13	22.45	23.55	0.226	30.00	-6.45
	64-QAM	3500.01	1.10	1 / 37	21.43	22.53	0.179	30.00	-7.47
	256-QAM	3500.01	1.10	1 / 25	18.49	19.59	0.091	30.00	-10.41
30 MHz	π/2 BPSK	3465.00	1.10	1 / 58	23.42	24.52	0.283	30.00	-5.48
		3500.01	1.10	1 / 58	23.22	24.32	0.270	30.00	-5.68
		3534.99	1.10	1 / 39	23.41	24.51	0.282	30.00	-5.49
	QPSK	3465.00	1.10	1 / 39	23.24	24.34	0.272	30.00	-5.66
		3500.01	1.10	1 / 39	23.38	24.48	0.281	30.00	-5.52
		3534.99	1.10	1 / 19	23.44	24.64	0.284	30.00	-5.46
	16-QAM	3465.00	1.10	1 / 19	22.51	23.61	0.230	30.00	-6.39
	64-QAM	3500.01	1.10	1 / 19	21.54	22.64	0.184	30.00	-7.36
	256-QAM	3465.00	1.10	1 / 39	18.51	19.61	0.091	30.00	-10.39
40 MHz	π/2 BPSK	3470.01	1.10	1 / 26	23.37	24.47	0.280	30.00	-5.53
		3500.01	1.10	1 / 53	23.48	24.68	0.287	30.00	-5.42
		3529.98	1.10	1 / 53	23.47	24.57	0.286	30.00	-5.43
	QPSK	3470.01	1.10	1 / 79	23.41	24.51	0.282	30.00	-5.49
		3500.01	1.10	1 / 53	23.22	24.32	0.270	30.00	-5.68
		3529.98	1.10	1 / 26	23.46	24.56	0.286	30.00	-5.44
	16-QAM	3500.01	1.10	1 / 79	22.44	23.54	0.226	30.00	-6.46
	64-QAM	3500.01	1.10	1 / 53	21.35	22.45	0.176	30.00	-7.55
	256-QAM	3470.01	1.10	1 / 26	18.38	19.48	0.089	30.00	-10.52
50 MHz	π/2 BPSK	3475.02	1.10	1 / 99	23.30	24.40	0.275	30.00	-5.60
		3500.01	1.10	1 / 99	23.38	24.48	0.281	30.00	-5.52
		3525.00	1.10	1 / 33	23.49	24.69	0.288	30.00	-5.41
	QPSK	3475.02	1.10	1 / 33	23.24	24.34	0.272	30.00	-5.66
		3500.01	1.10	1 / 66	23.43	24.53	0.284	30.00	-5.47
		3525.00	1.10	1 / 66	23.44	24.54	0.284	30.00	-5.46
	16-QAM	3525.00	1.10	1 / 33	22.38	23.48	0.223	30.00	-6.52
	64-QAM	3475.02	1.10	1 / 66	21.49	22.59	0.182	30.00	-7.41
	256-QAM	3500.01	1.10	1 / 66	18.50	19.60	0.091	30.00	-10.40
60 MHz	π/2 BPSK	3480.00	1.10	1 / 40	23.04	24.14	0.259	30.00	-5.86
		3500.01	1.10	1 / 121	23.33	24.43	0.277	30.00	-5.57
		3519.99	1.10	1 / 40	23.36	24.46	0.279	30.00	-5.54
	QPSK	3480.00	1.10	1 / 121	23.38	24.48	0.281	30.00	-5.52
		3500.01	1.10	1 / 40	23.15	24.25	0.266	30.00	-5.75
		3519.99	1.10	1 / 81	23.27	24.37	0.274	30.00	-5.63
	16-QAM	3480.00	1.10	1 / 81	22.40	23.50	0.224	30.00	-6.50
	64-QAM	3480.00	1.10	1 / 81	21.46	22.56	0.180	30.00	-7.44
	256-QAM	3500.01	1.10	1 / 81	18.42	19.52	0.090	30.00	-10.48
70 MHz	π/2 BPSK	3485.01	1.10	1 / 141	23.34	24.44	0.278	30.00	-5.56
		3500.01	1.10	1 / 141	23.50	24.60	0.288	30.00	-5.40
		3514.98	1.10	1 / 141	23.47	24.57	0.286	30.00	-5.43
	QPSK	3485.01	1.10	1 / 94	23.48	24.58	0.287	30.00	-5.42
		3500.01	1.10	1 / 141	23.33	24.43	0.277	30.00	-5.57
		3514.98	1.10	1 / 94	23.47	24.57	0.286	30.00	-5.43
	16-QAM	3500.01	1.10	1 / 47	22.49	23.59	0.229	30.00	-6.41
	64-QAM	3514.98	1.10	1 / 141	21.37	22.47	0.177	30.00	-7.53
	256-QAM	3485.01	1.10	1 / 47	18.49	19.59	0.091	30.00	-10.41
80 MHz	π/2 BPSK	3490.02	1.10	1 / 108	23.14	24.24	0.265	30.00	-5.76
		3500.01	1.10	1 / 54	23.41	24.51	0.282	30.00	-5.49
		3510.00	1.10	1 / 54	23.40	24.50	0.282	30.00	-5.50
	QPSK	3490.02	1.10	1 / 108	23.27	24.37	0.274	30.00	-5.63
		3500.01	1.10	1 / 162	23.19	24.29	0.269	30.00	-5.71
		3510.00	1.10	1 / 54	23.34	24.44	0.278	30.00	-5.56
	16-QAM	3510.00	1.10	1 / 54	22.48	23.58	0.228	30.00	-6.42
	64-QAM	3490.02	1.10	1 / 108	21.46	22.56	0.180	30.00	-7.44
	256-QAM	3500.01	1.10	1 / 162	18.50	19.60	0.091	30.00	-10.40
90 MHz	π/2 BPSK	3495.00	1.10	1 / 183	23.33	24.43	0.277	30.00	-5.57
		3500.01	1.10	1 / 61	23.27	24.37	0.274	30.00	-5.63
		3504.99	1.10	1 / 61	23.39	24.49	0.281	30.00	-5.51
	QPSK	3495.00	1.10	1 / 61	23.44	24.64	0.284	30.00	-5.46
		3500.01	1.10	1 / 61	23.14	24.24	0.265	30.00	-5.76
		3504.99	1.10	1 / 122	23.39	24.49	0.281	30.00	-5.51
	16-QAM	3504.99	1.10	1 / 61	22.47	23.57	0.228	30.00	-6.43
	64-QAM	3500.01	1.10	1 / 61	21.48	22.58	0.181	30.00	-7.42
	256-QAM	3504.99	1.10	1 / 183	18.48	19.58	0.091	30.00	-10.42
100 MHz	π/2 BPSK	3500.01	1.10	1 / 204	23.33	24.43	0.277	30.00	-5.57
	QPSK	3500.01	1.10	1 / 204	23.34	24.44	0.278	30.00	-5.56
	16-QAM	3500.01	1.10	1 / 68	22.44	23.54	0.226	30.00	-6.46
	64-QAM	3500.01	1.10	1 / 204	21.43	22.53	0.179	30.00	-7.47
	256-QAM	3500.01	1.10	1 / 136	18.35	19.45	0.088	30.00	-10.55

Table 7-6. Antenna 1 EIRP Data (NR Band n77 (PC2) – DoD Band)

FCC ID: BCGA2764		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090028-05.BCG	Test Dates: 5/30/2022 - 9/30/2022	EUT Type: Tablet Device	Page 172 of 200	