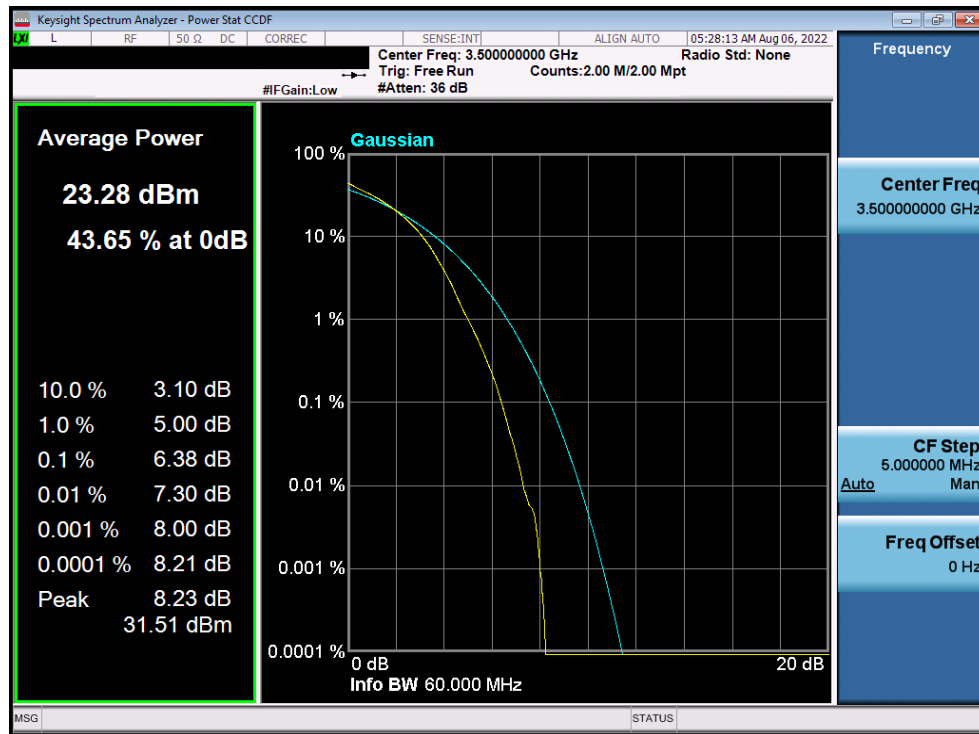
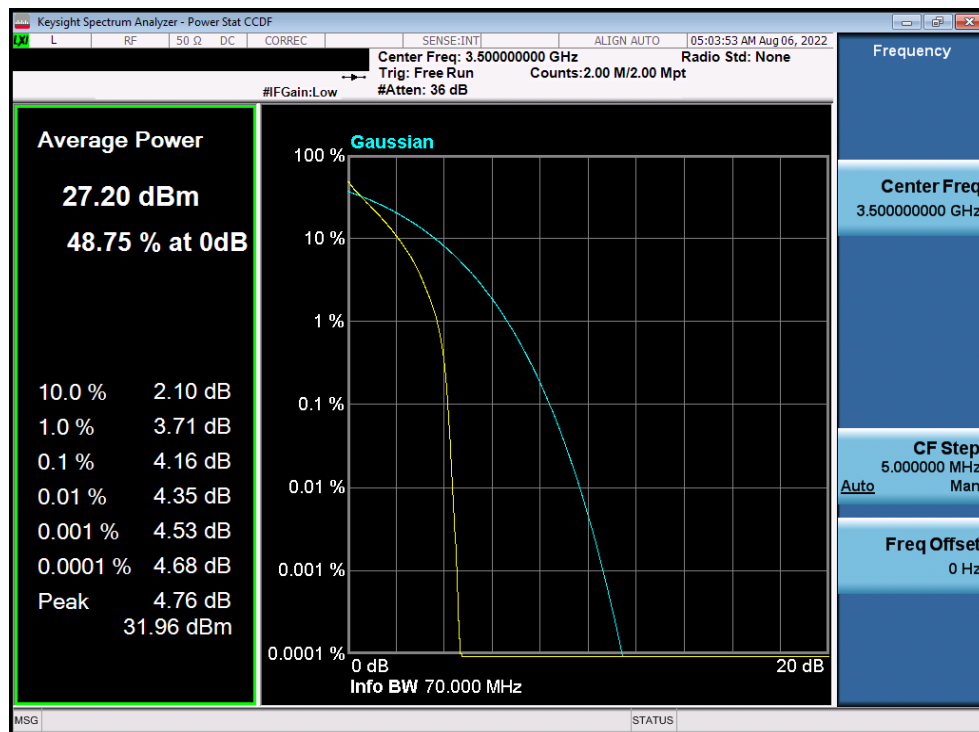




Plot 7-207. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 256-QAM - Full RB)

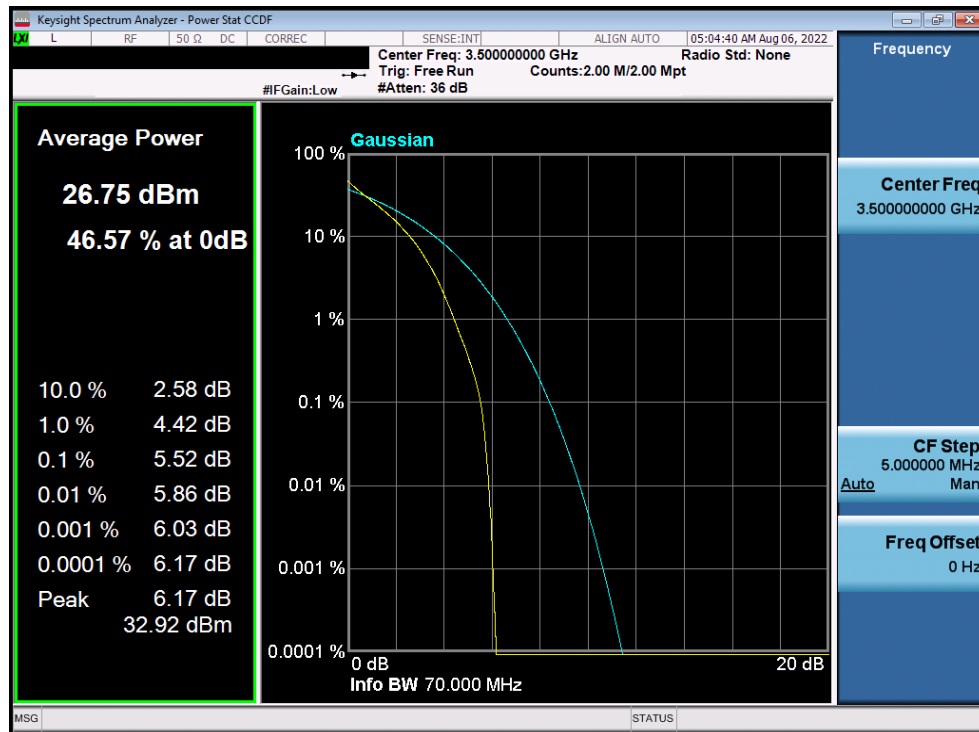


Plot 7-208. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

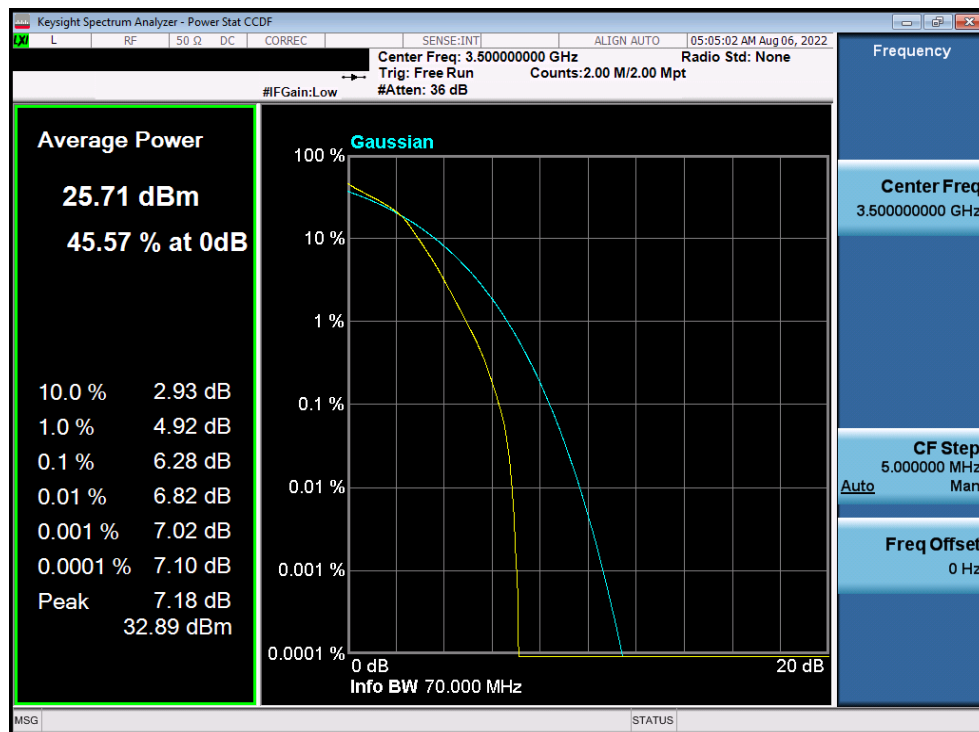
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 128 of 203

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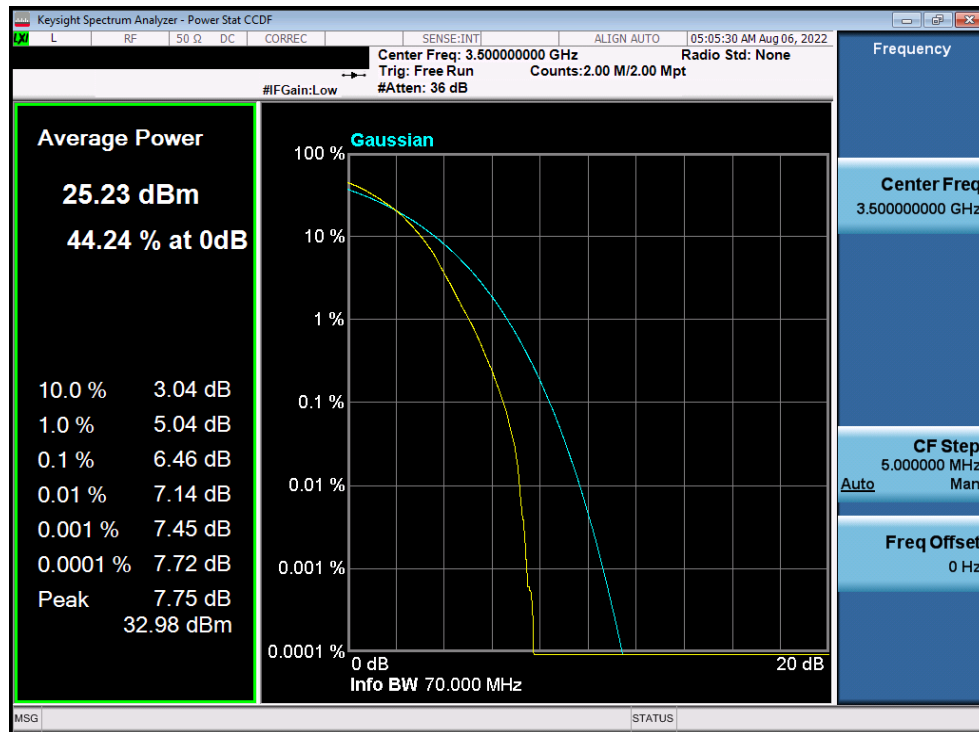
Plot 7-209. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)



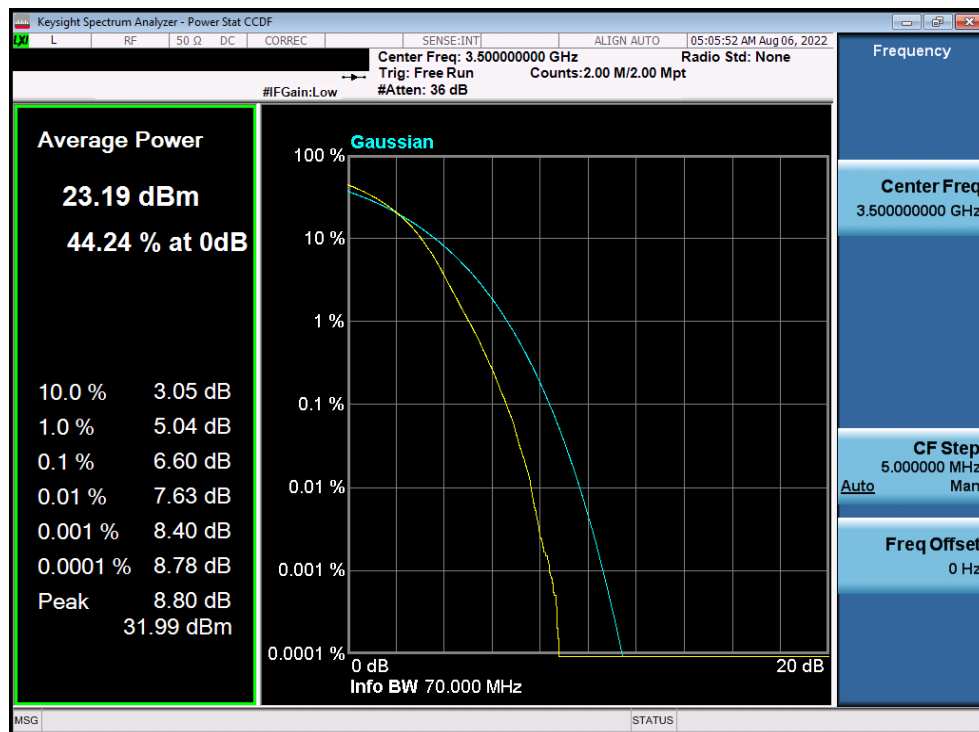
Plot 7-210. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2435	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 129 of 203

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

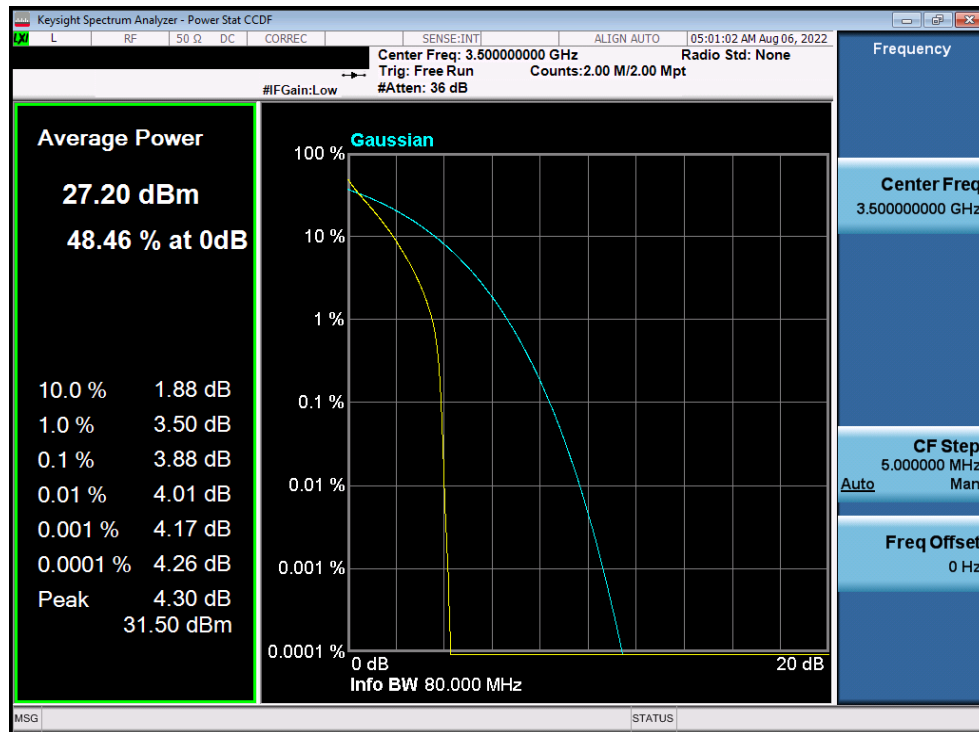


Plot 7-212. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)

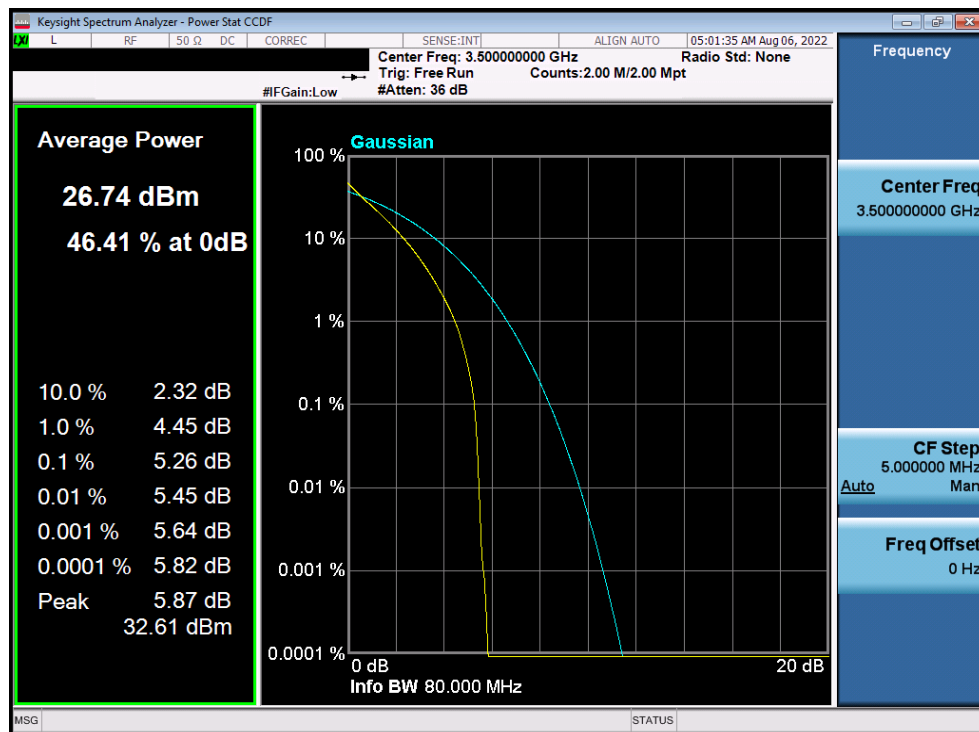
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 130 of 203

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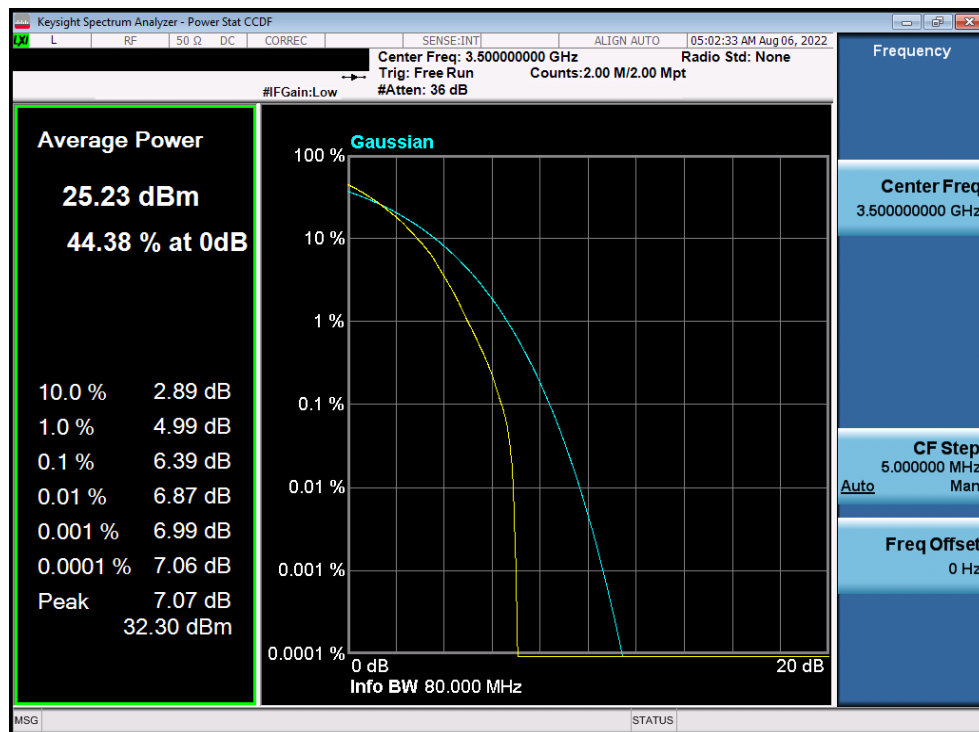
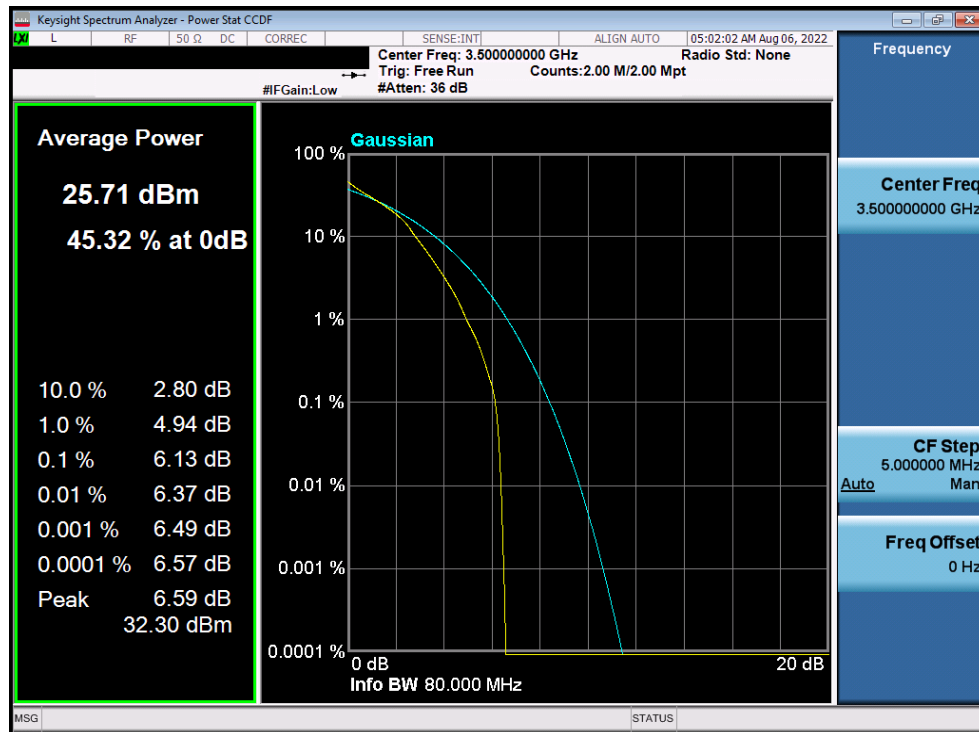
Plot 7-213. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



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

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 131 of 203

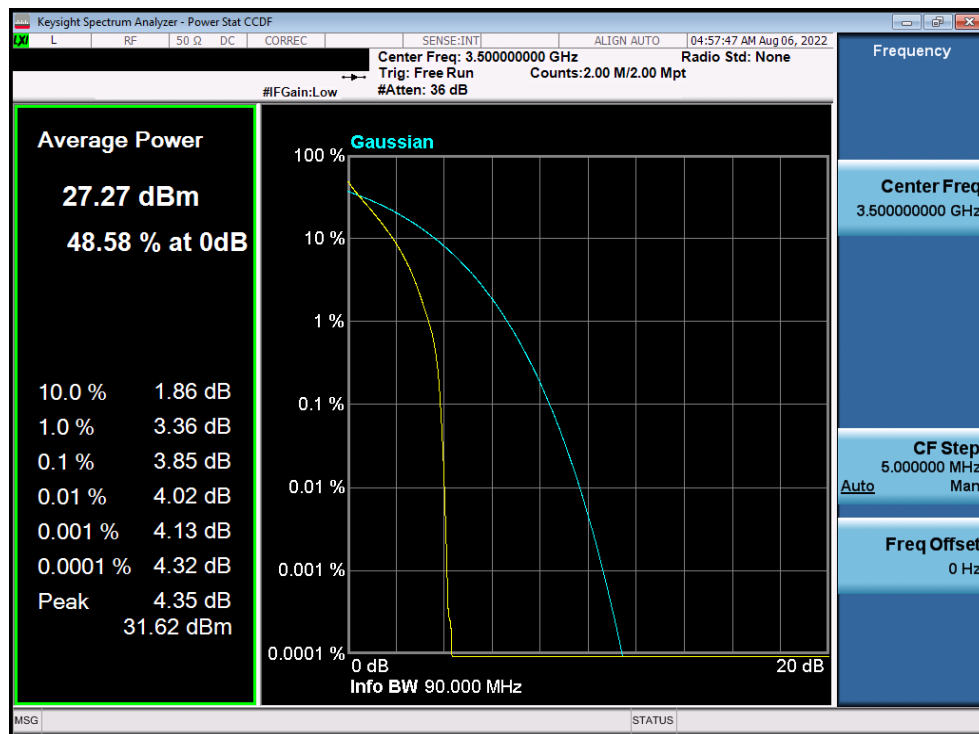
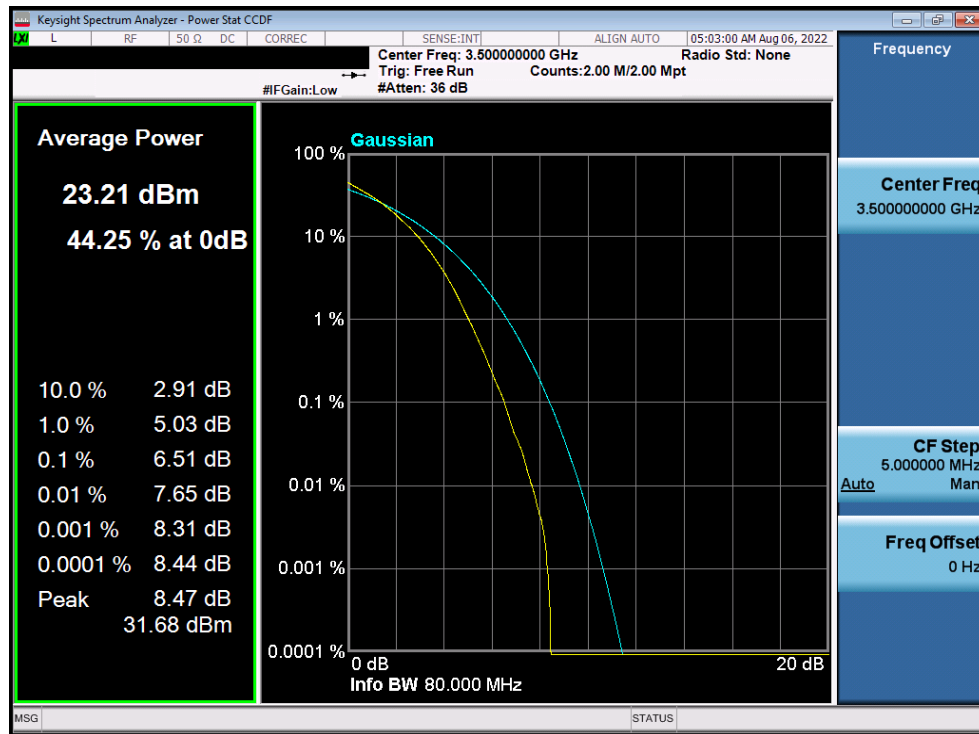
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FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 132 of 203

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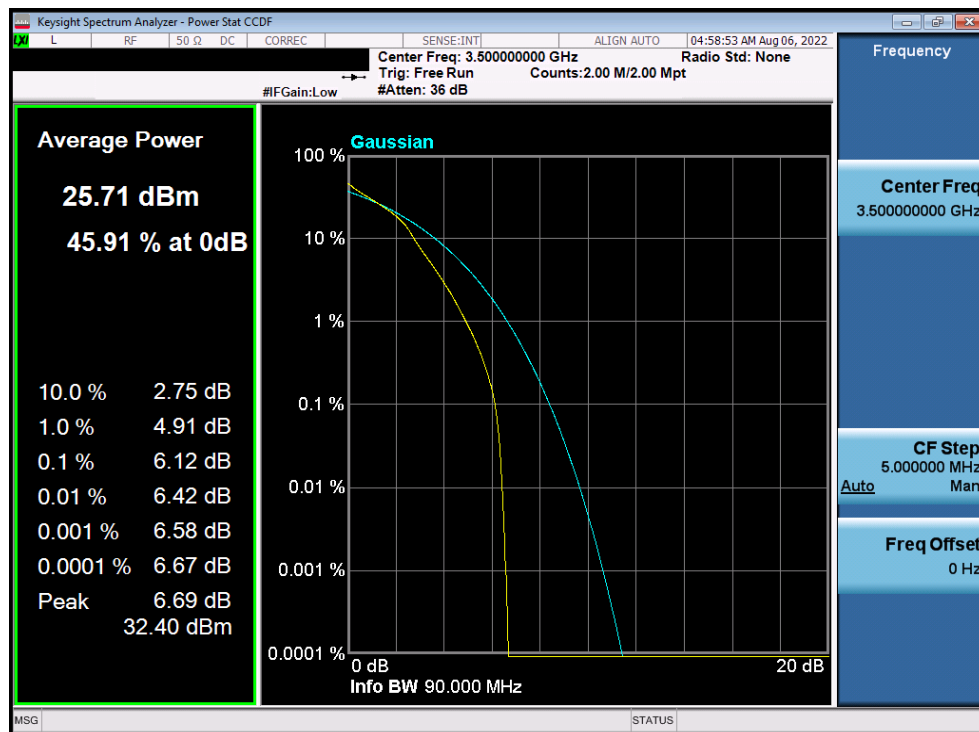
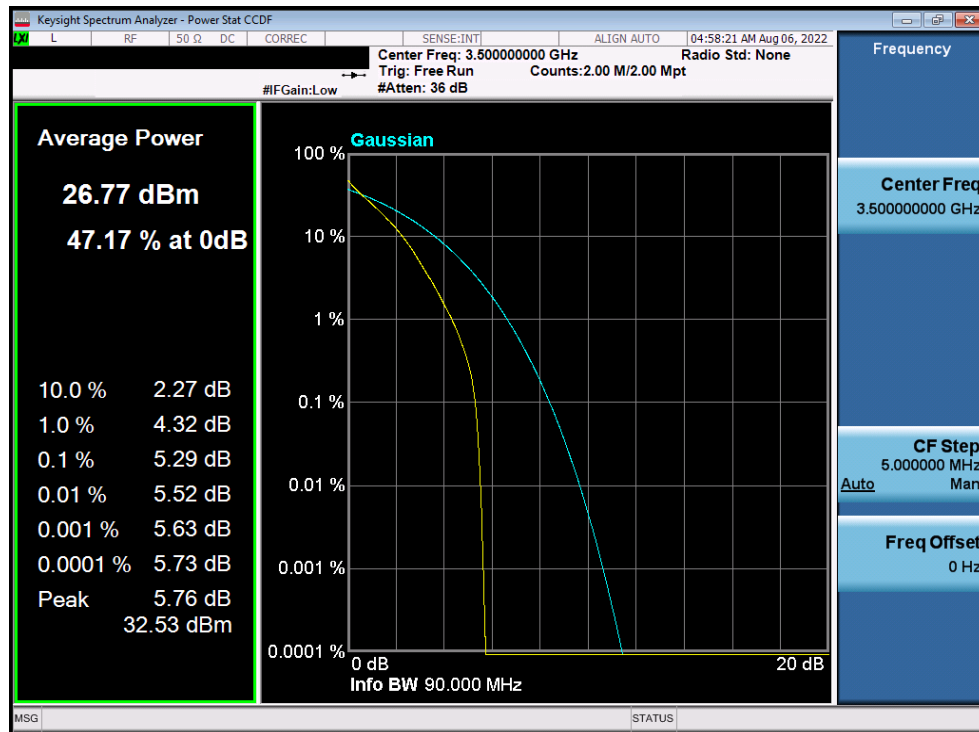
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FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 133 of 203

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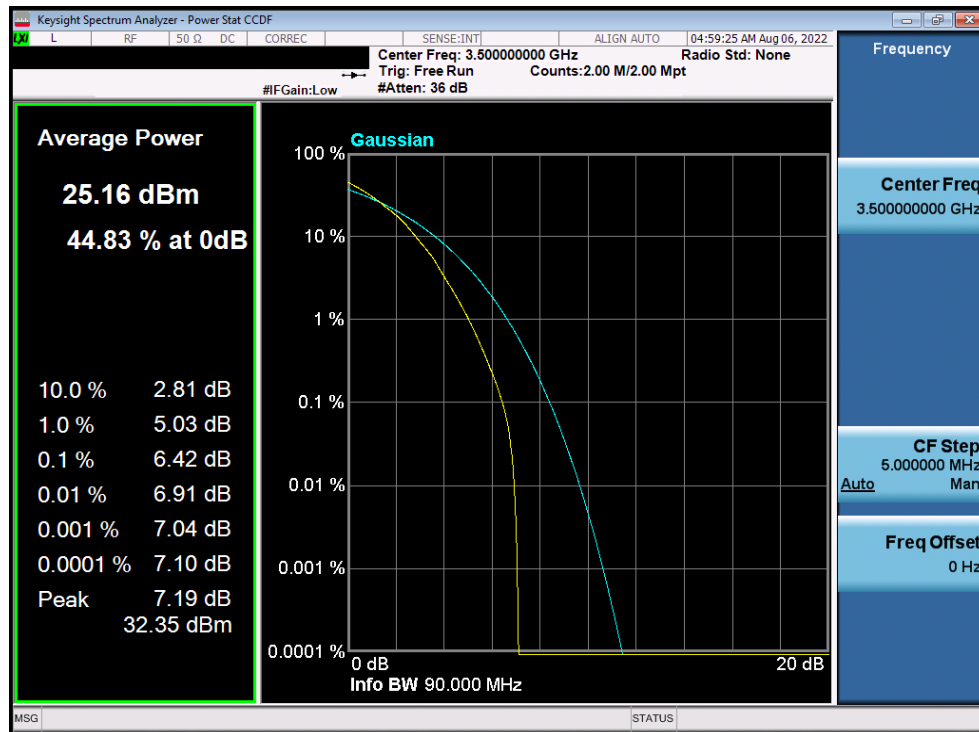
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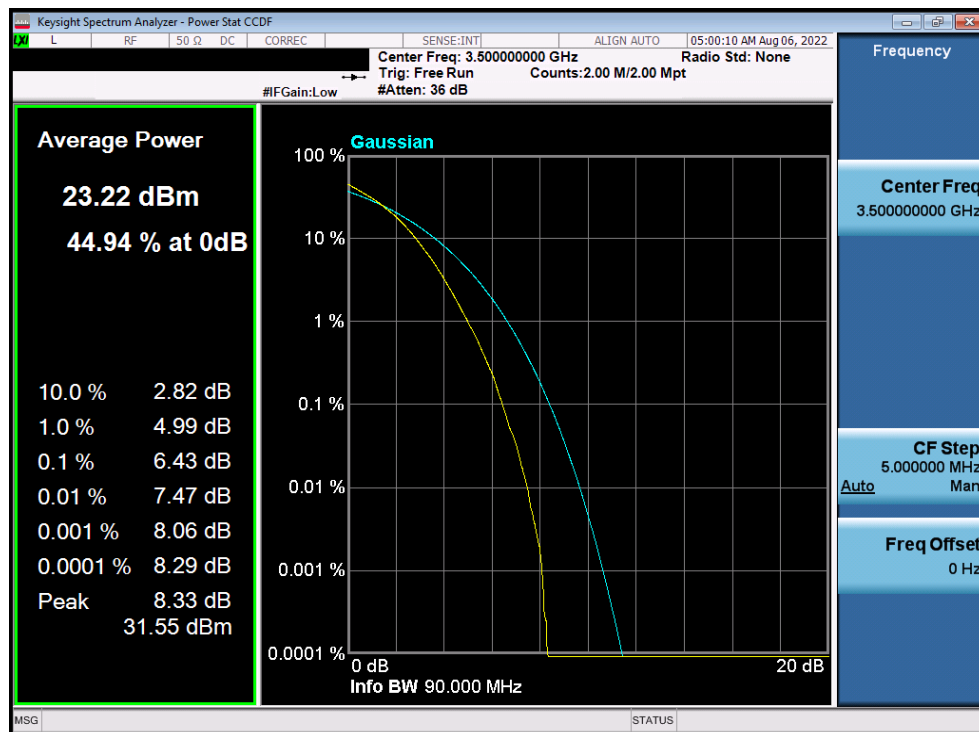
FCC ID: BCGA2435	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 134 of 203

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

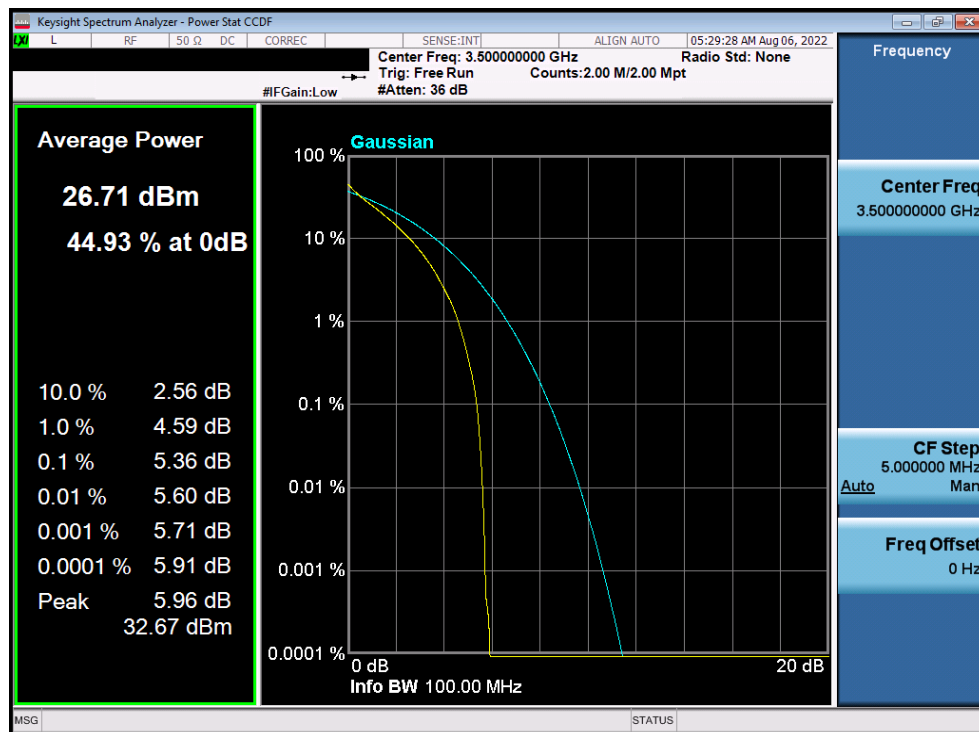
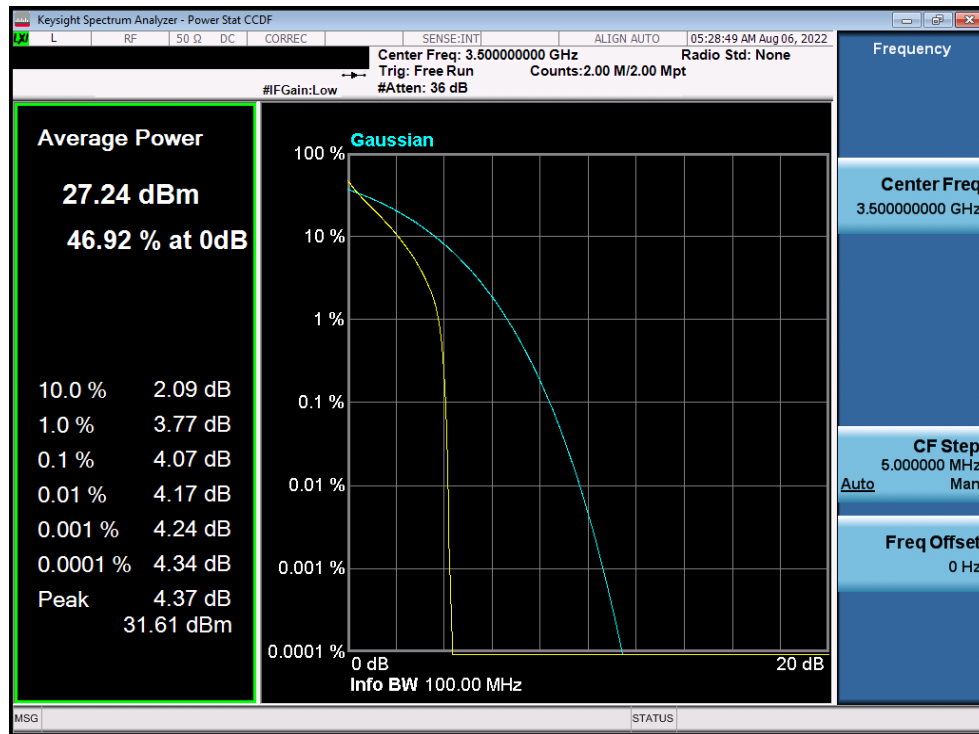


Plot 7-222. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 135 of 203

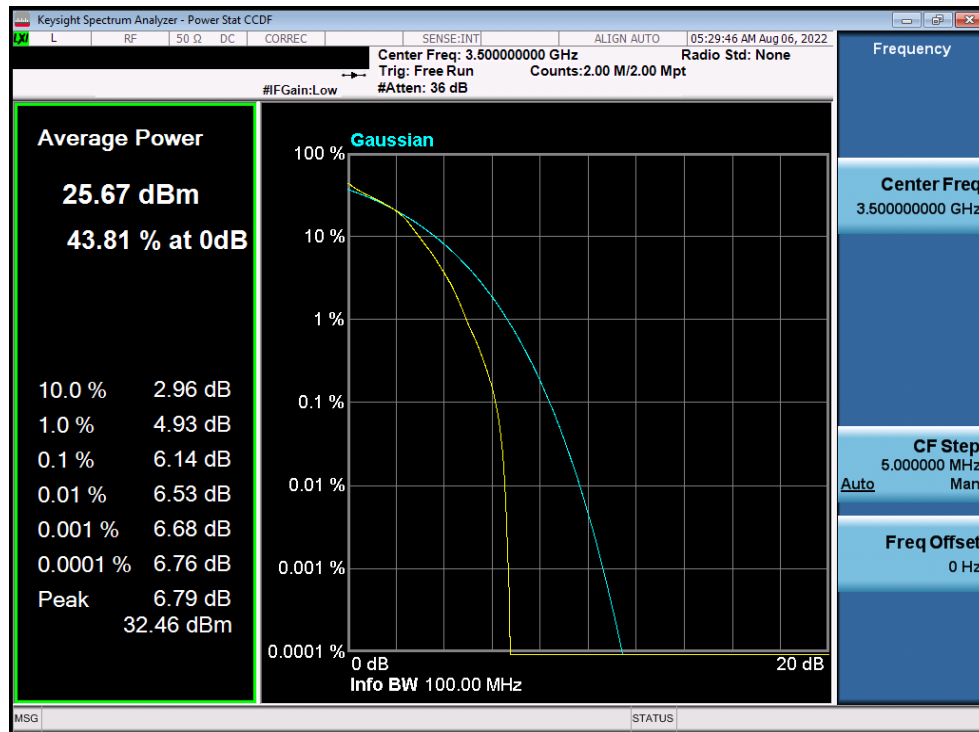
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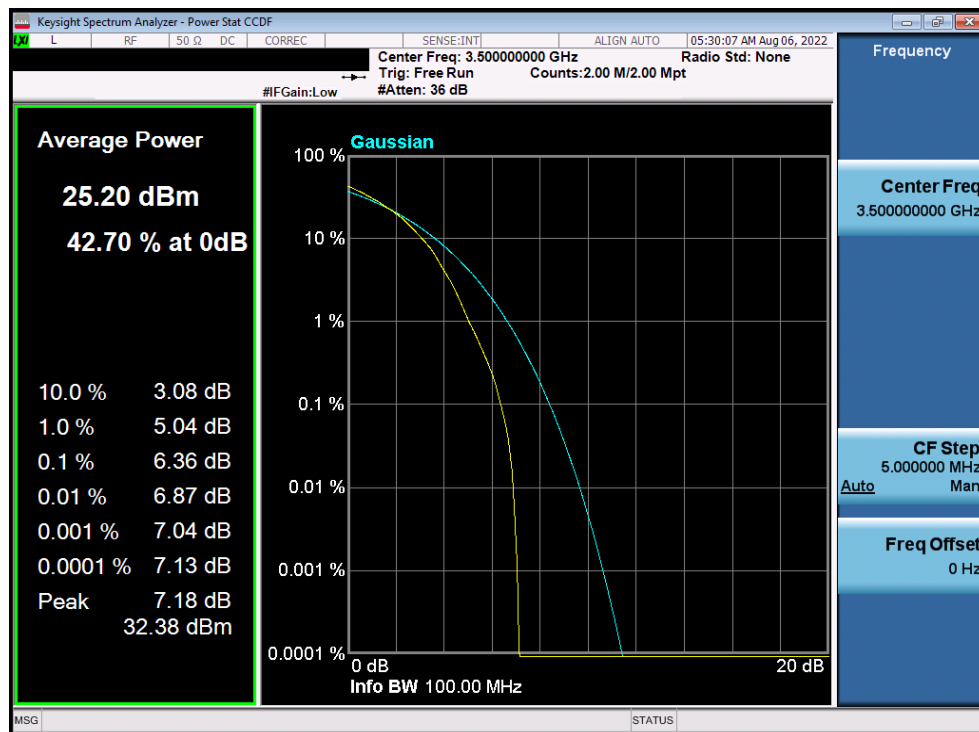


FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-225. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 16-QAM - Full RB)

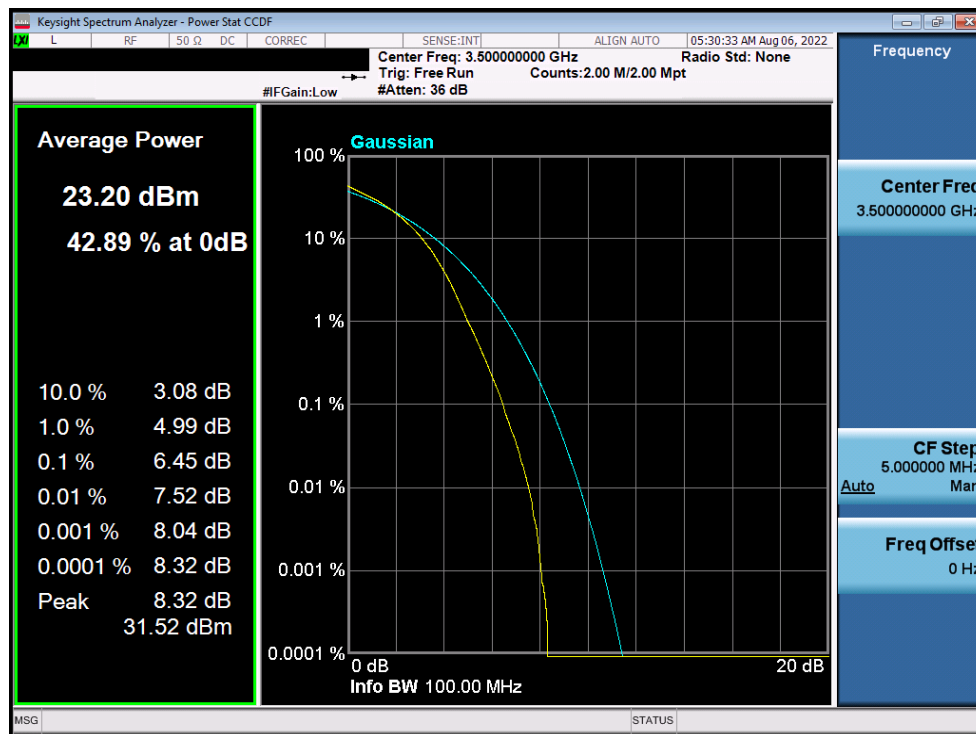


Plot 7-226. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 137 of 203

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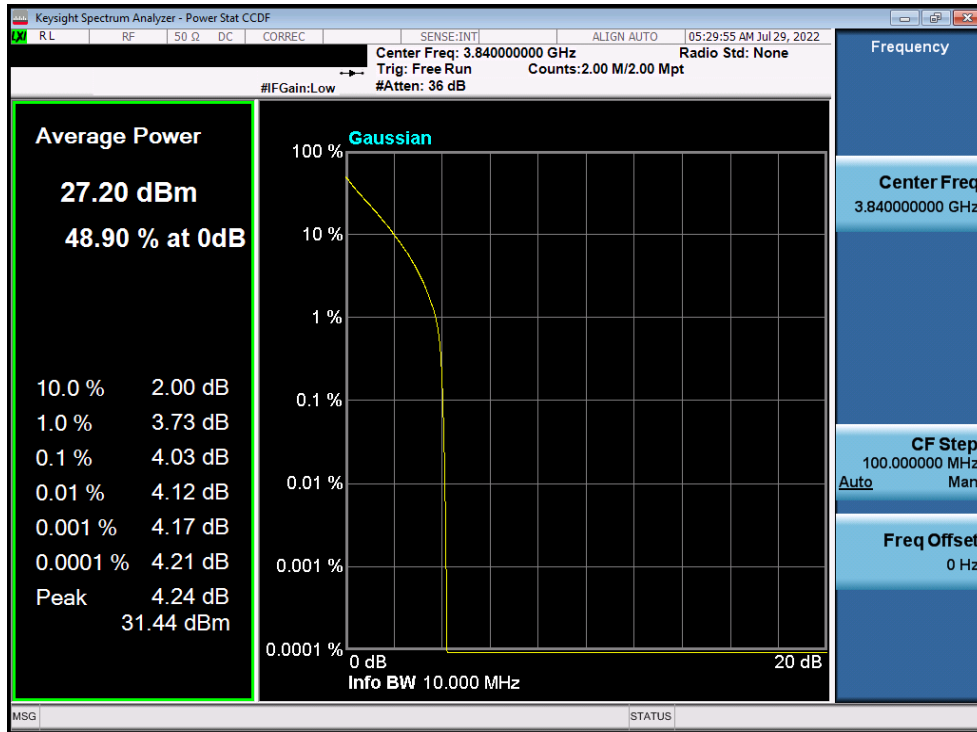


Plot 7-227. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 256-QAM - Full RB)

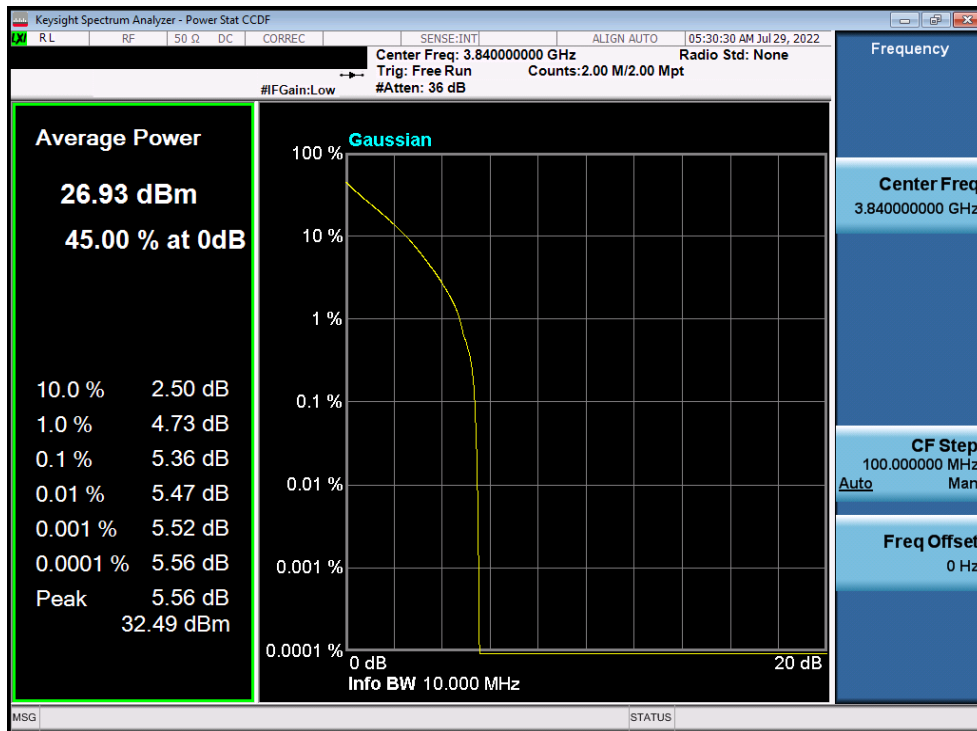
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 138 of 203

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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)

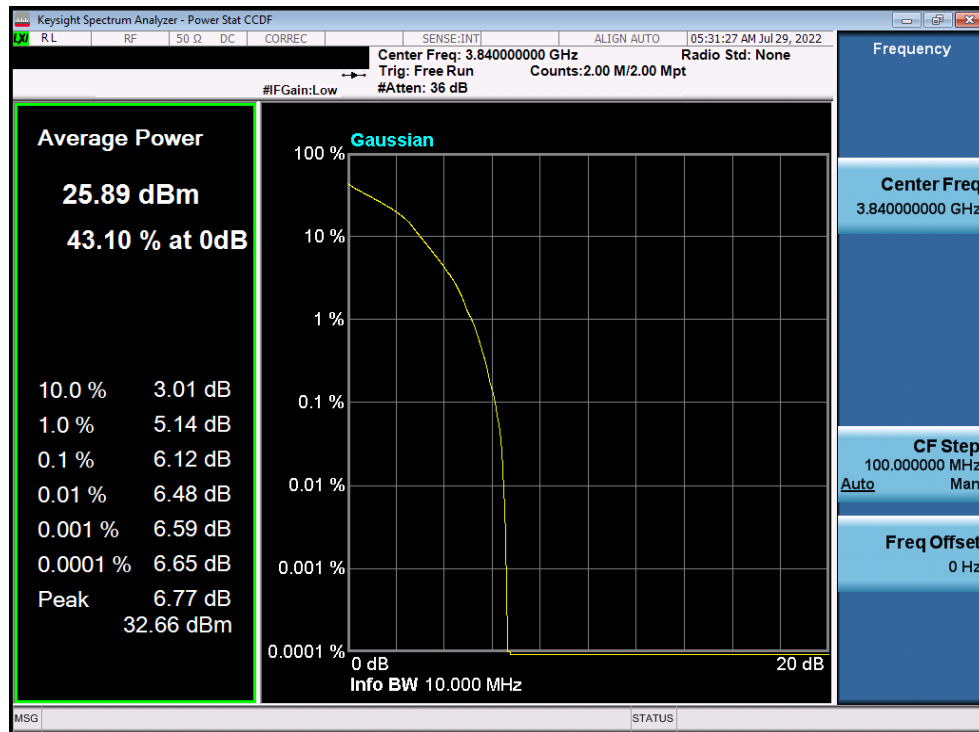


Plot 7-229. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM QPSK - Full RB)

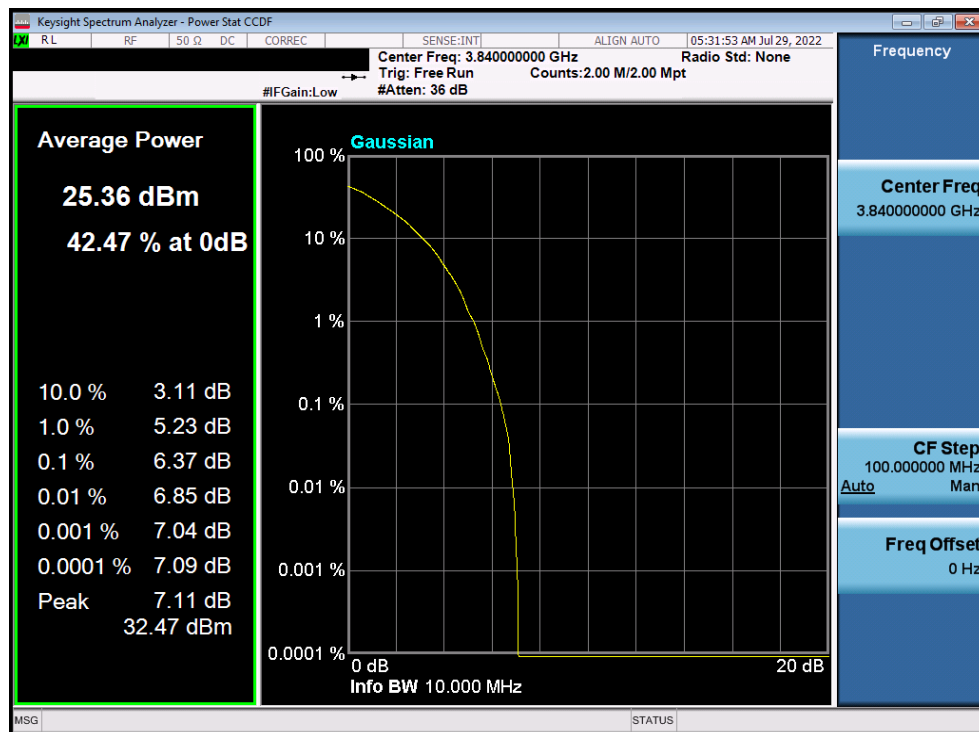
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 139 of 203

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Plot 7-230. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM 16-QAM - Full RB)

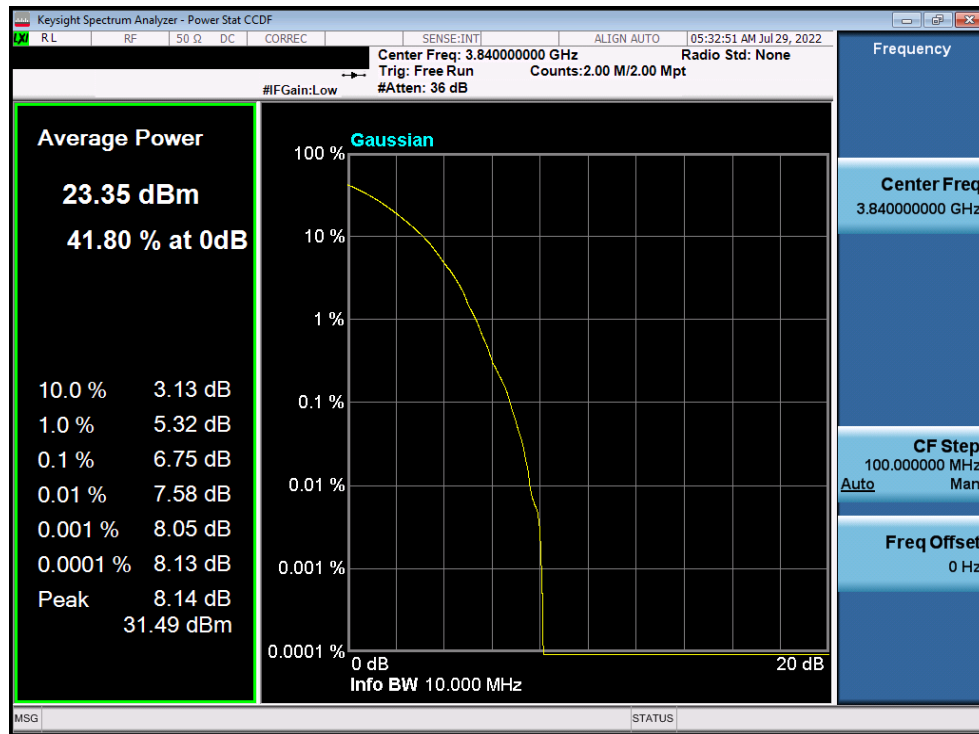


Plot 7-231. PAR Plot (NR Band n77 - 10MHz DFT-s-OFDM 64-QAM - Full RB)

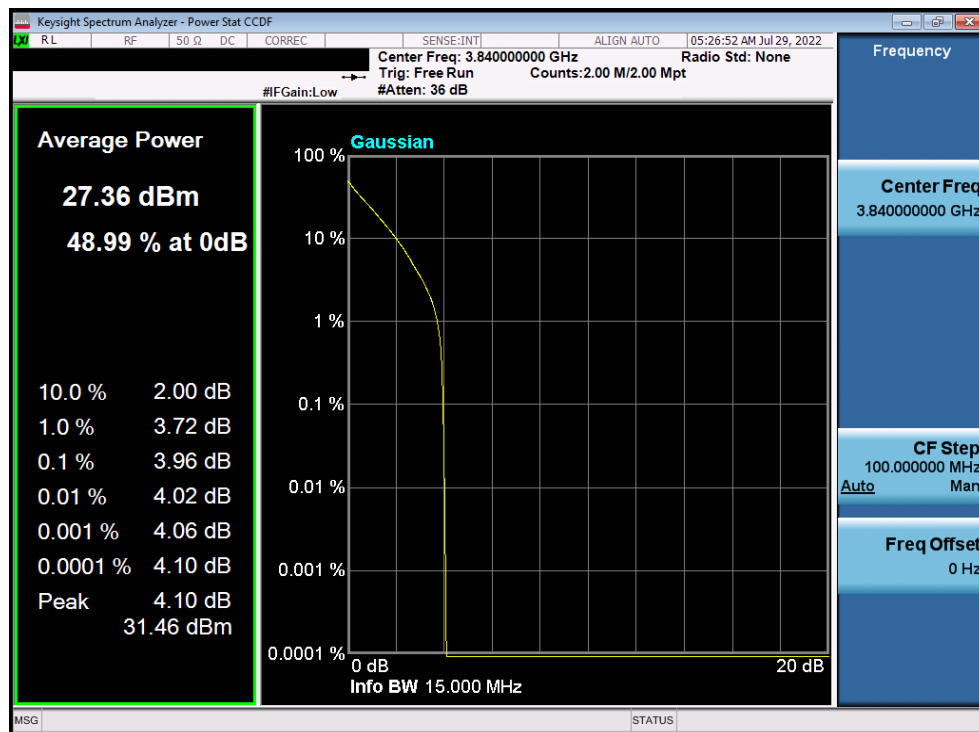
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 140 of 203

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

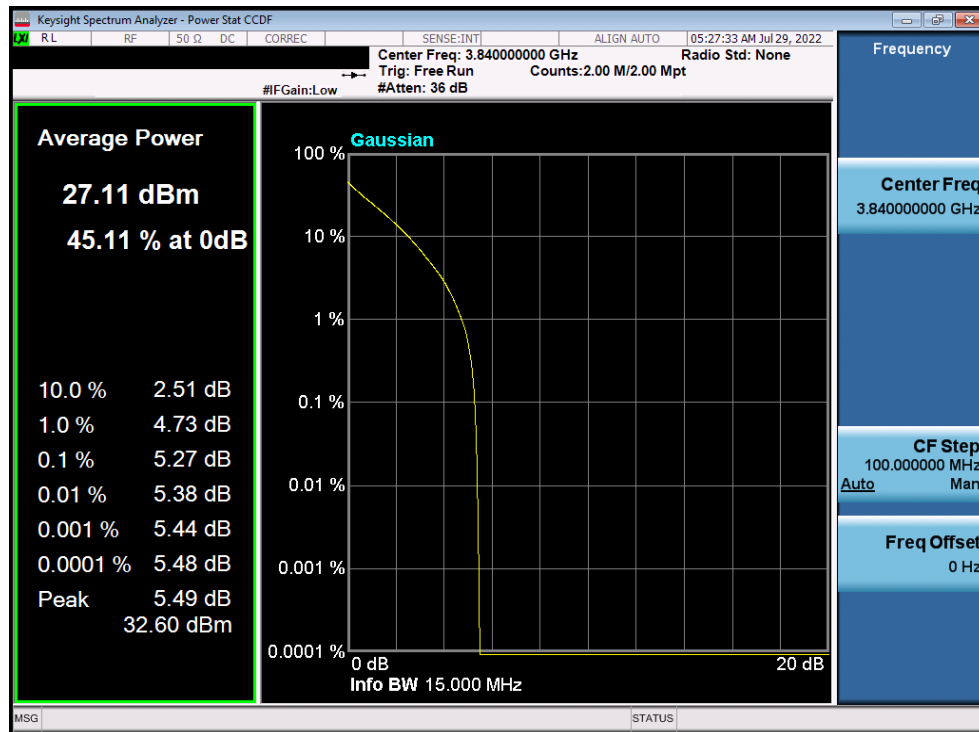


Plot 7-233. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

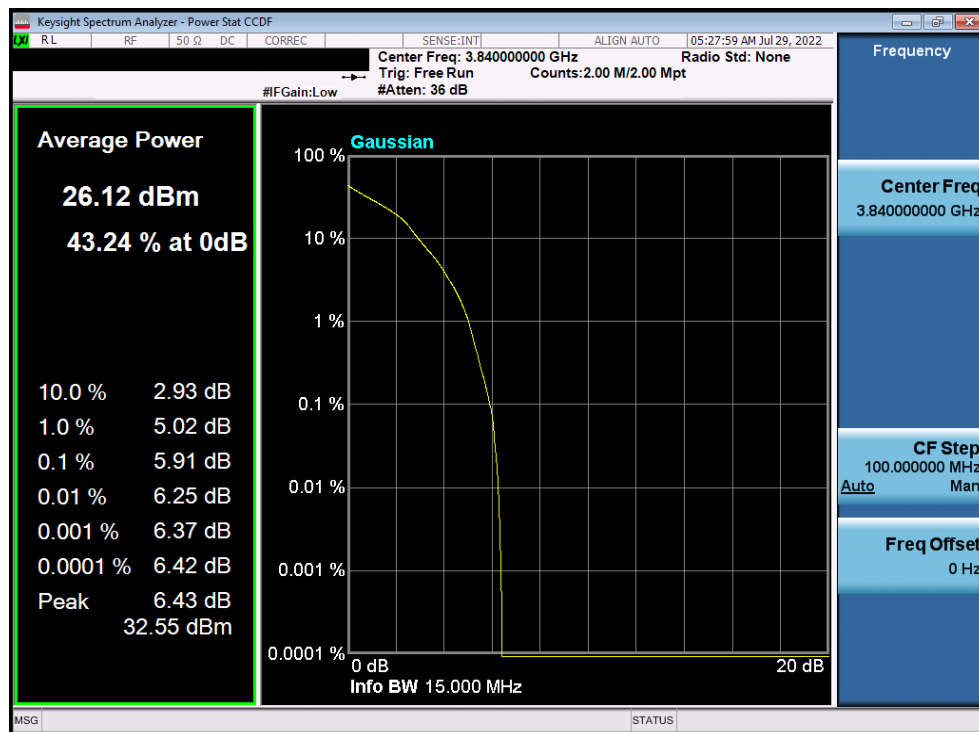
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 141 of 203

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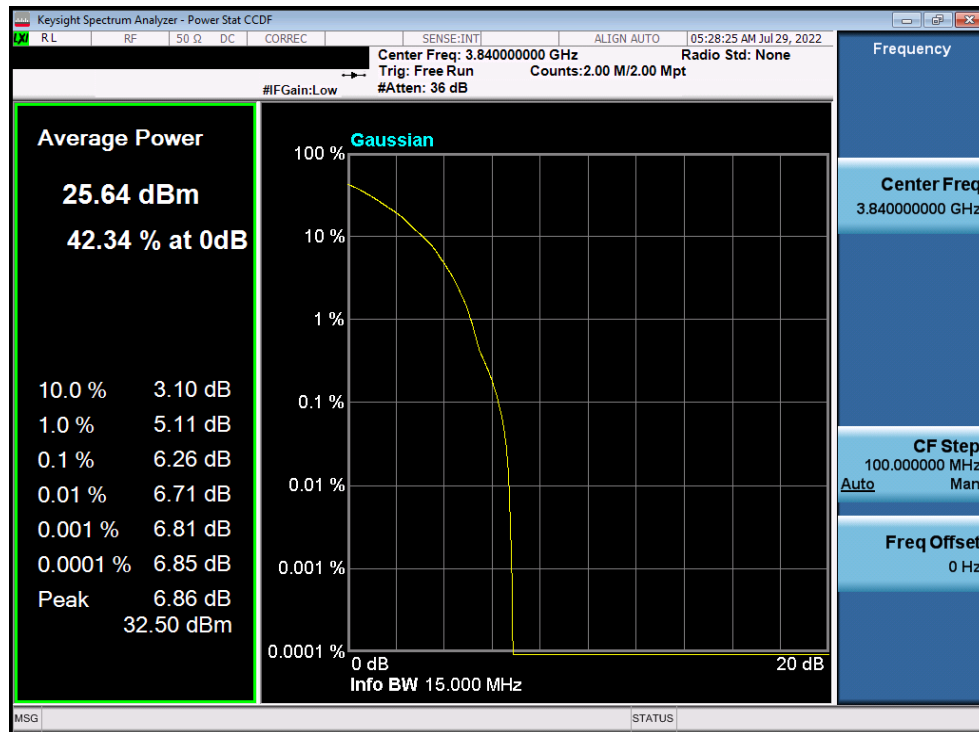
Plot 7-234. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM QPSK - Full RB)



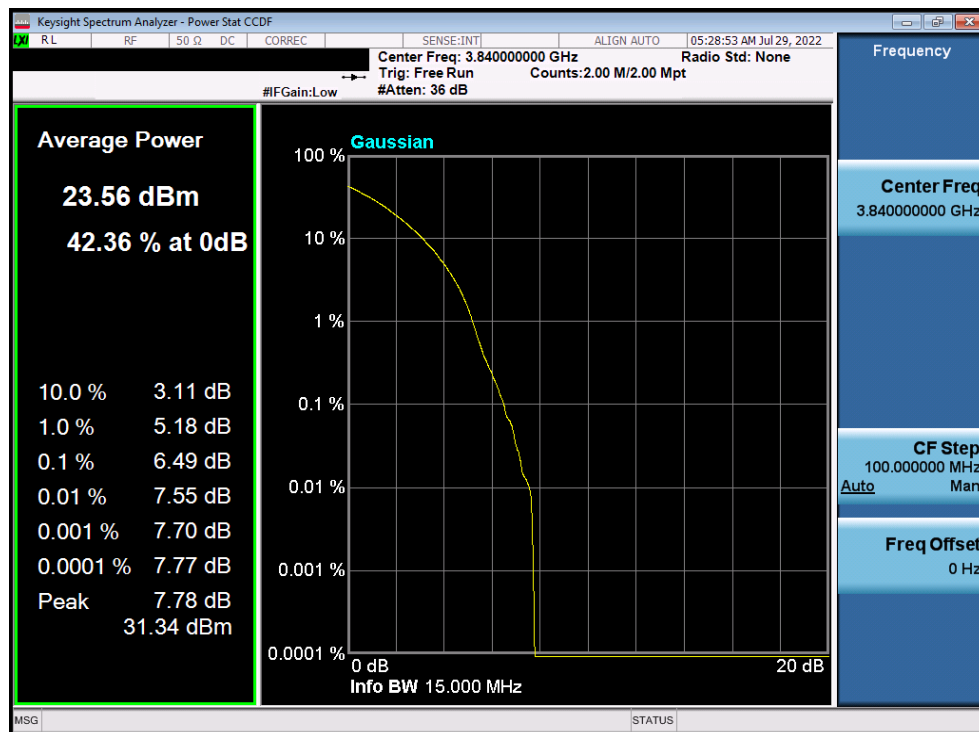
Plot 7-235. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 142 of 203

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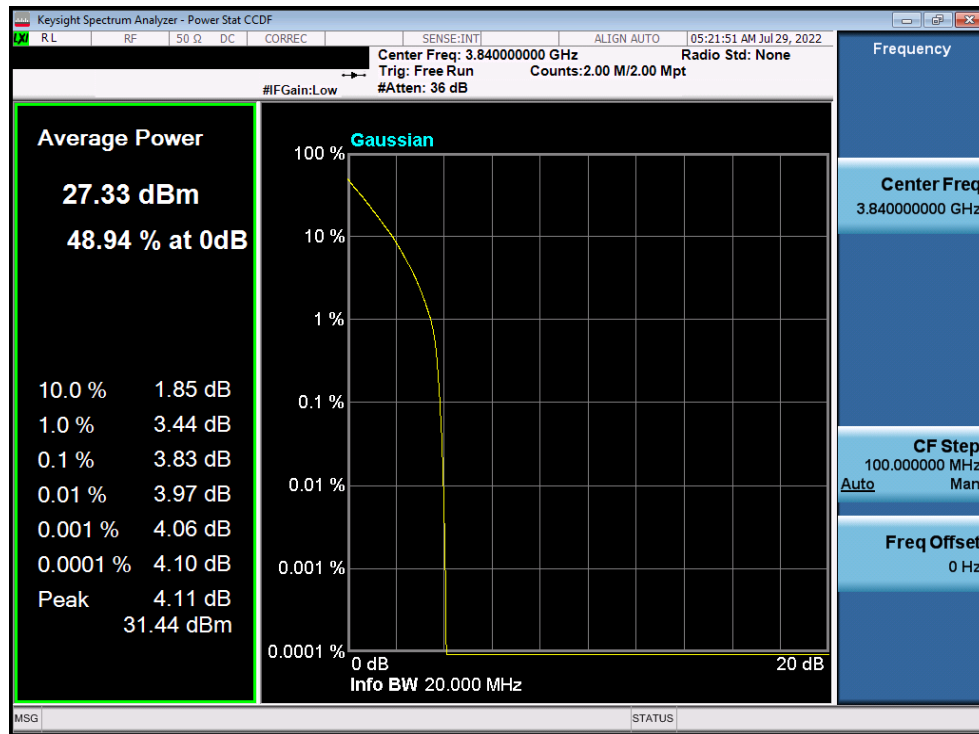
Plot 7-236. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM 64-QAM - Full RB)



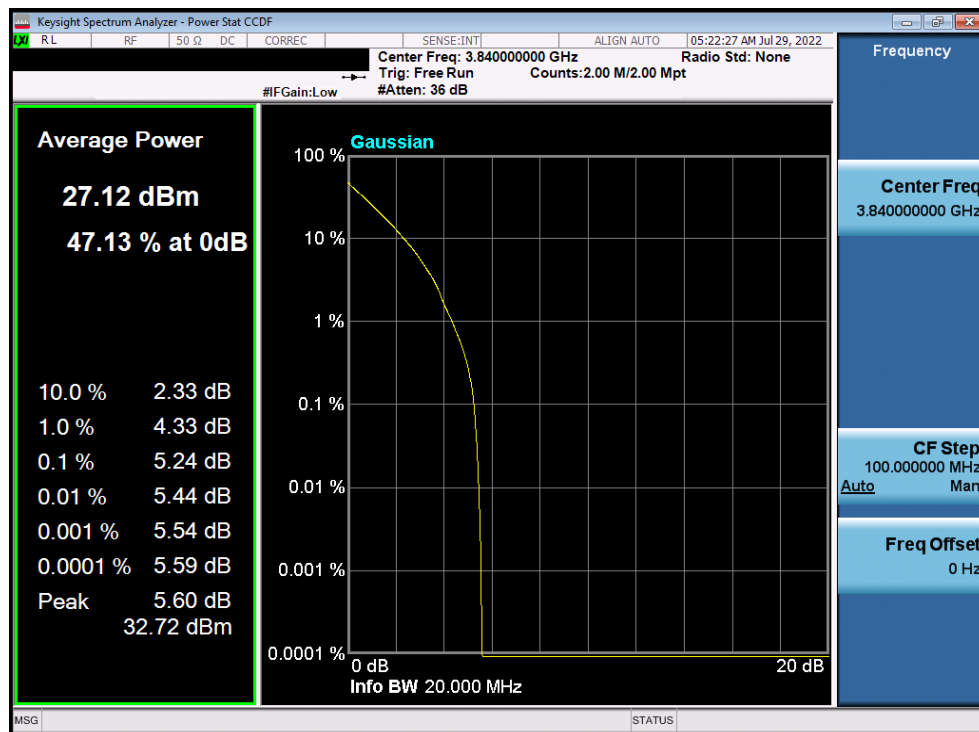
Plot 7-237. PAR Plot (NR Band n77 - 15MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 143 of 203

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Plot 7-238. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

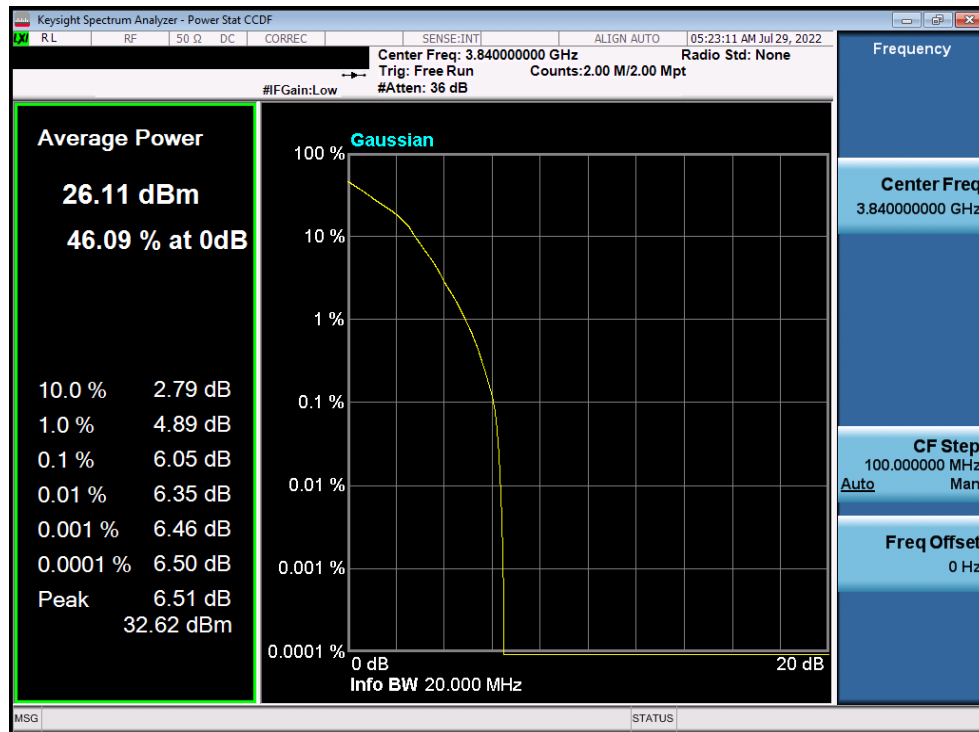


Plot 7-239. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM QPSK - Full RB)

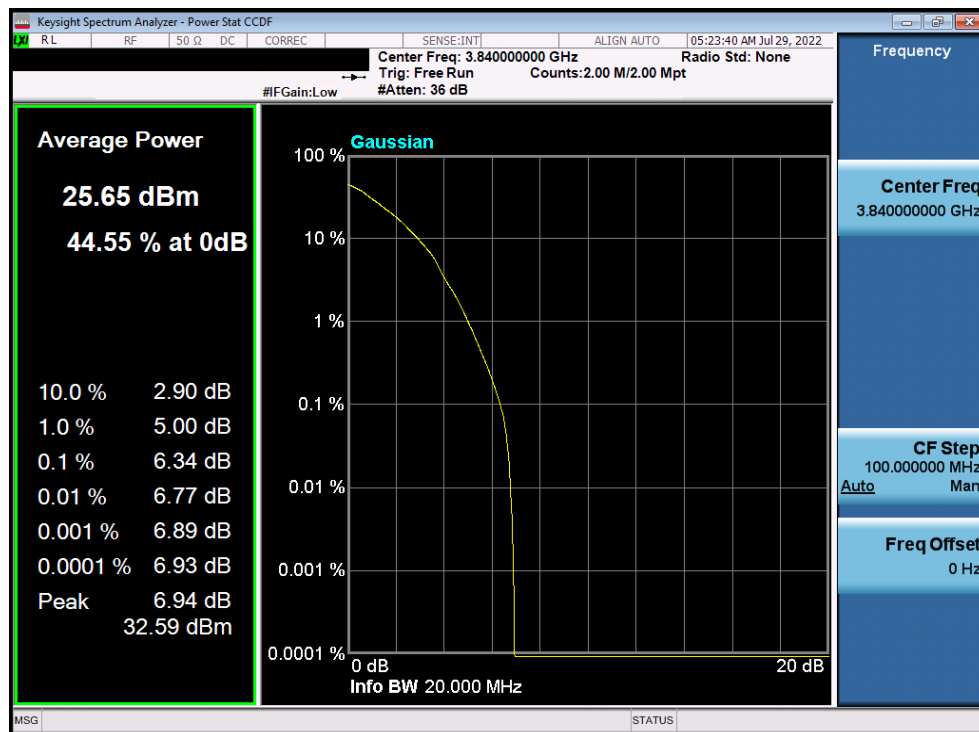
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 144 of 203

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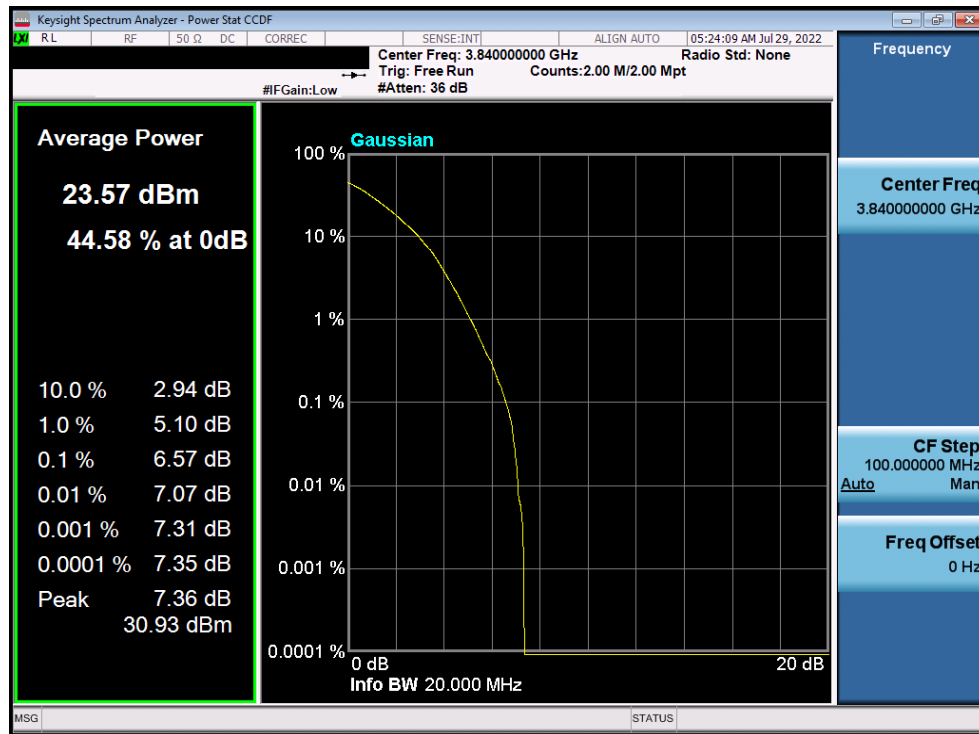
Plot 7-240. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 16-QAM - Full RB)



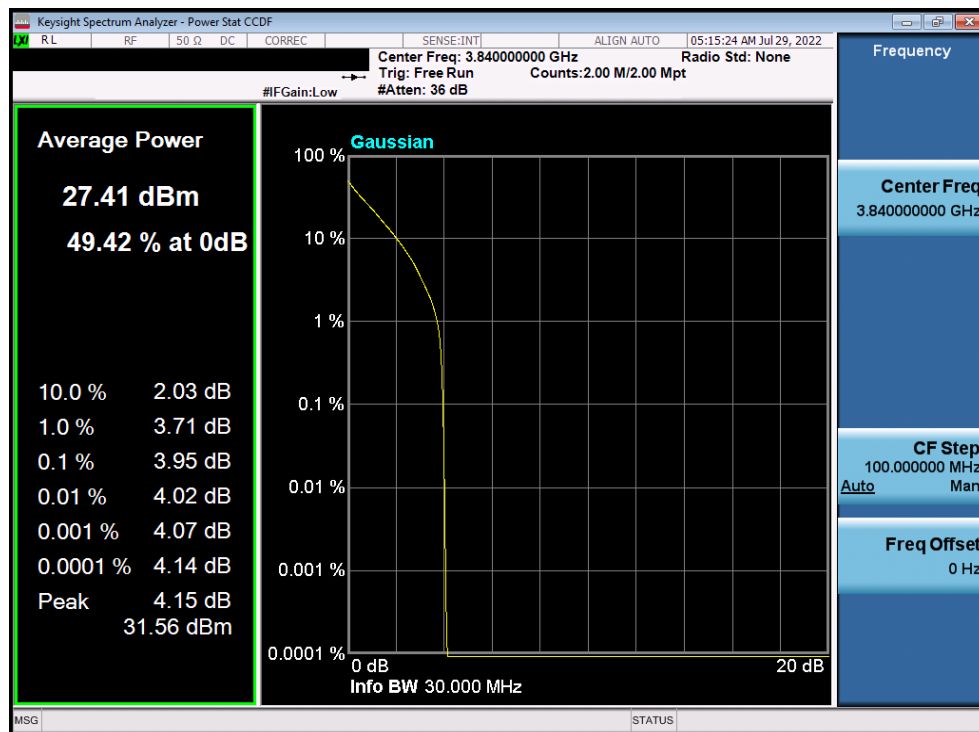
Plot 7-241. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2435	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-242. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 256-QAM - Full RB)

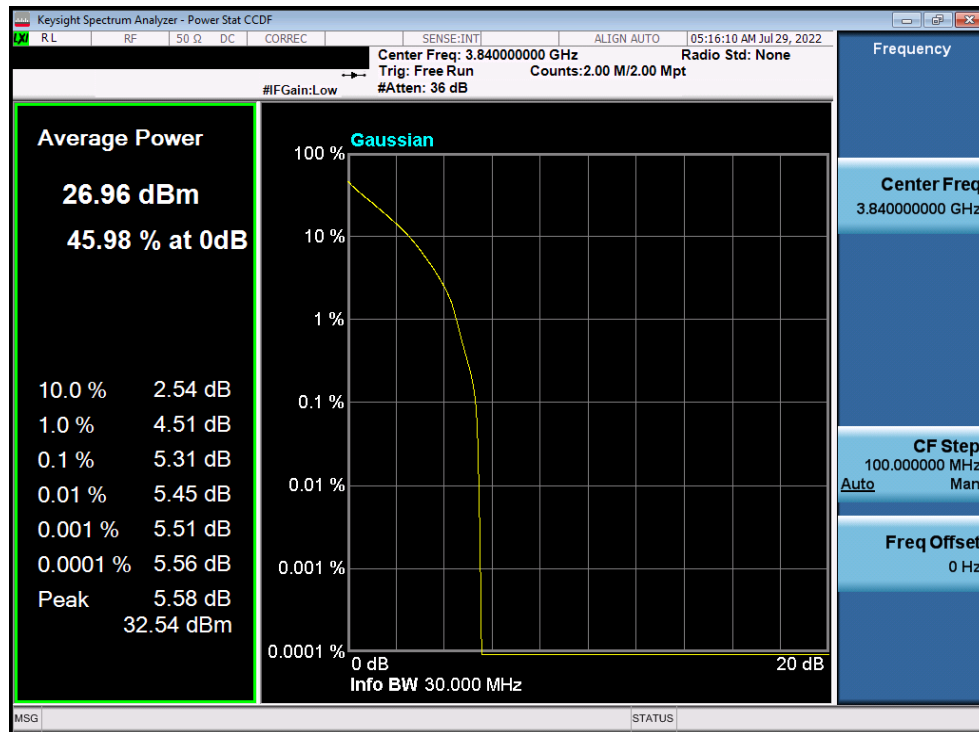


Plot 7-243. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

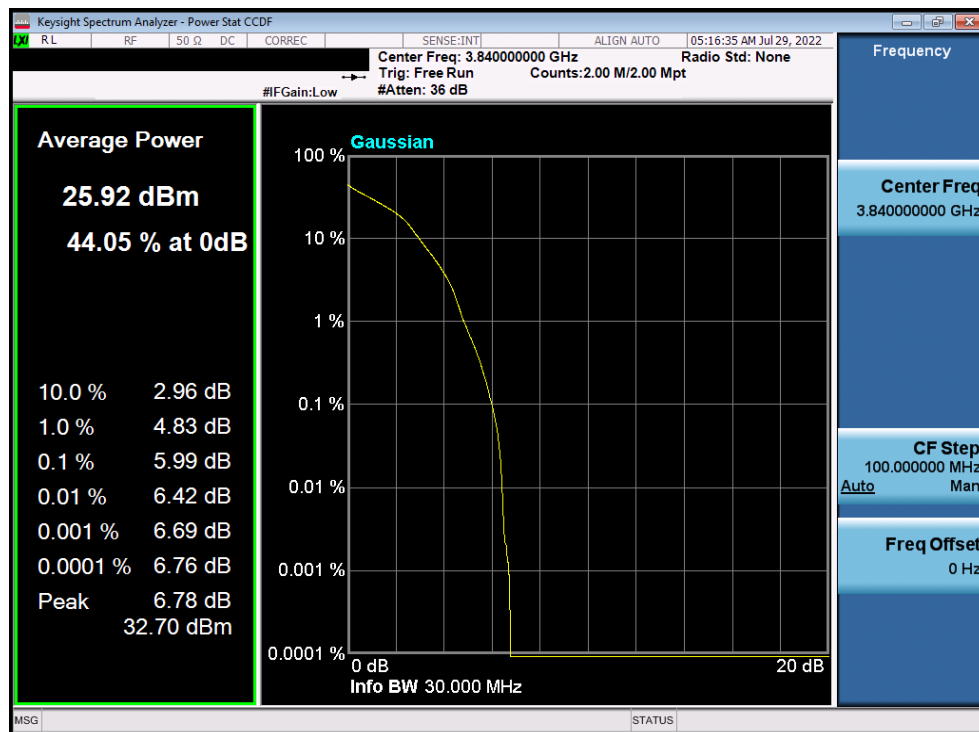
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 146 of 203

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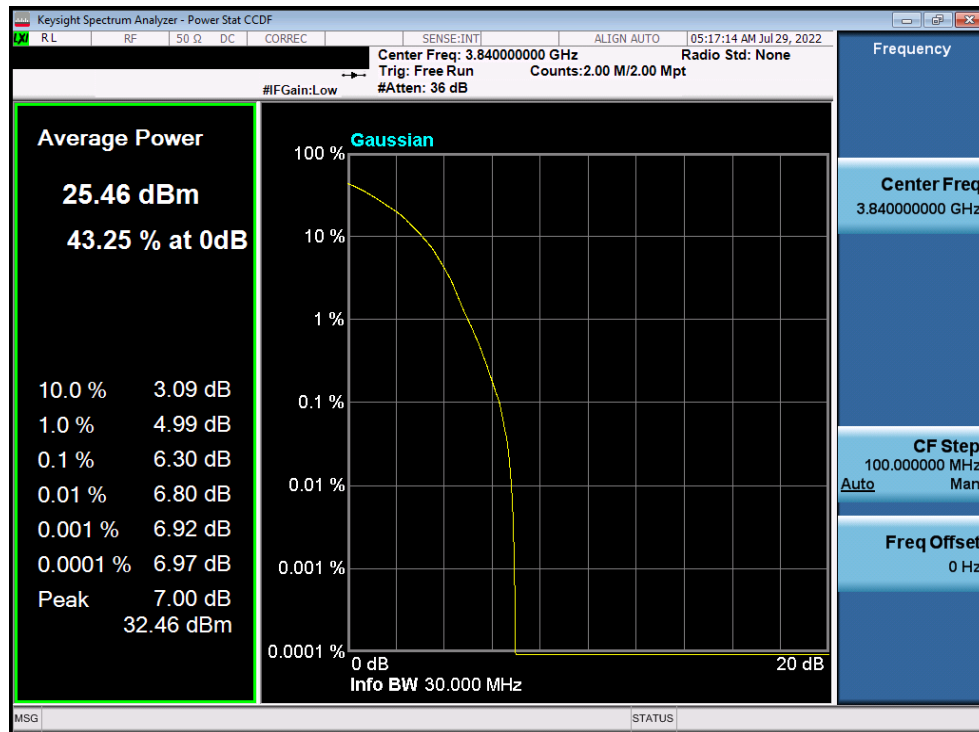
Plot 7-244. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM QPSK - Full RB)



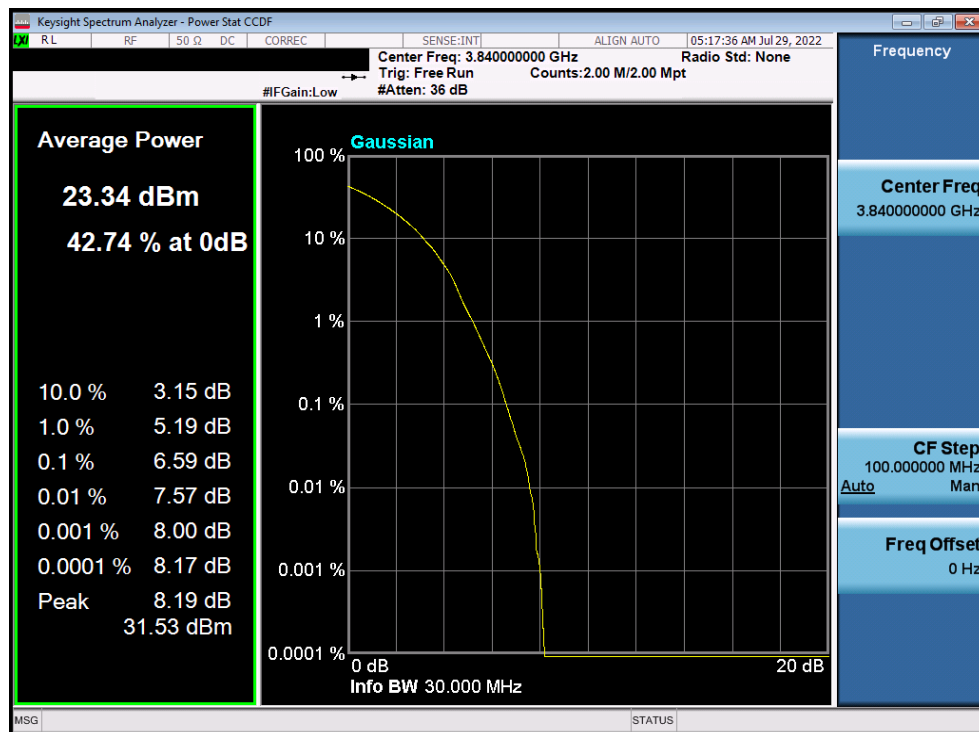
Plot 7-245. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2435	element	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)

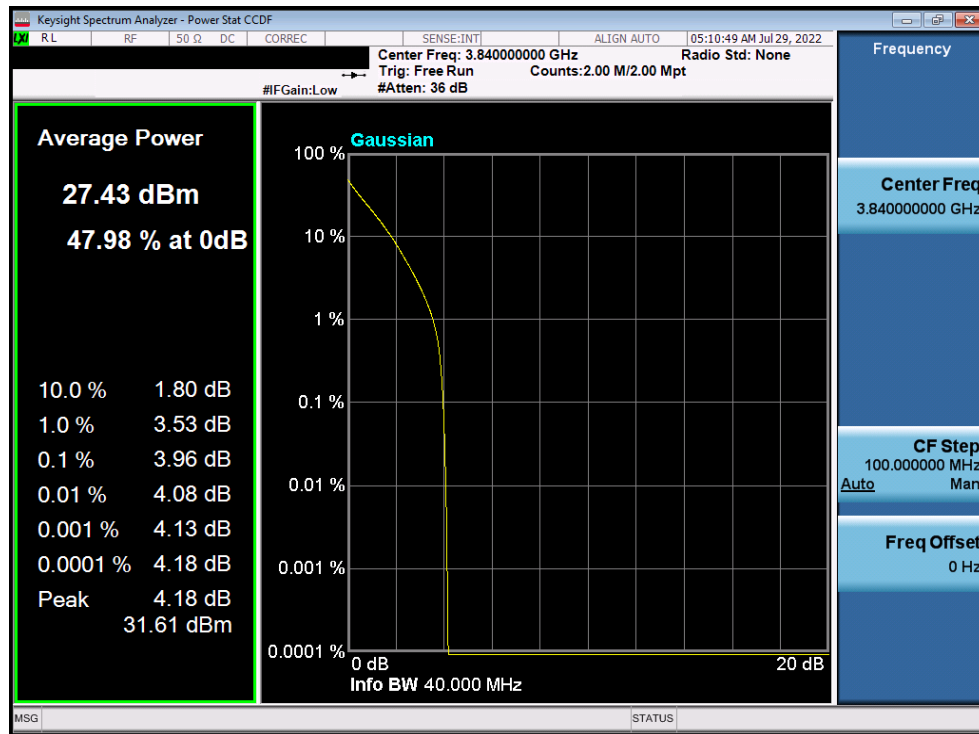


Plot 7-247. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

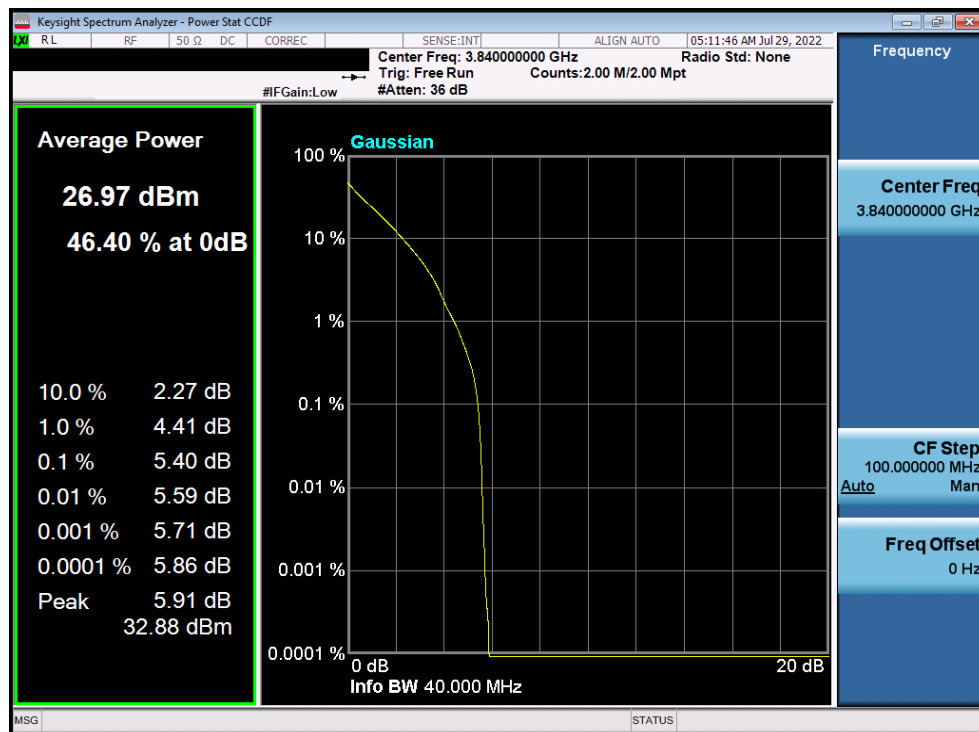
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 148 of 203

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Plot 7-248. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

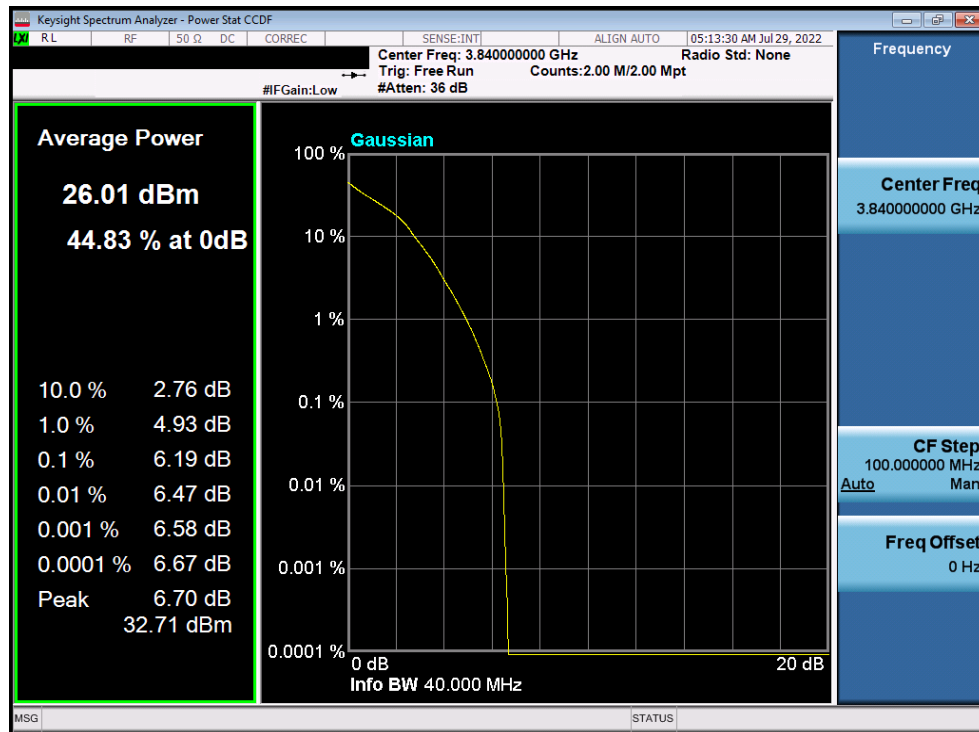


Plot 7-249. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM QPSK - Full RB)

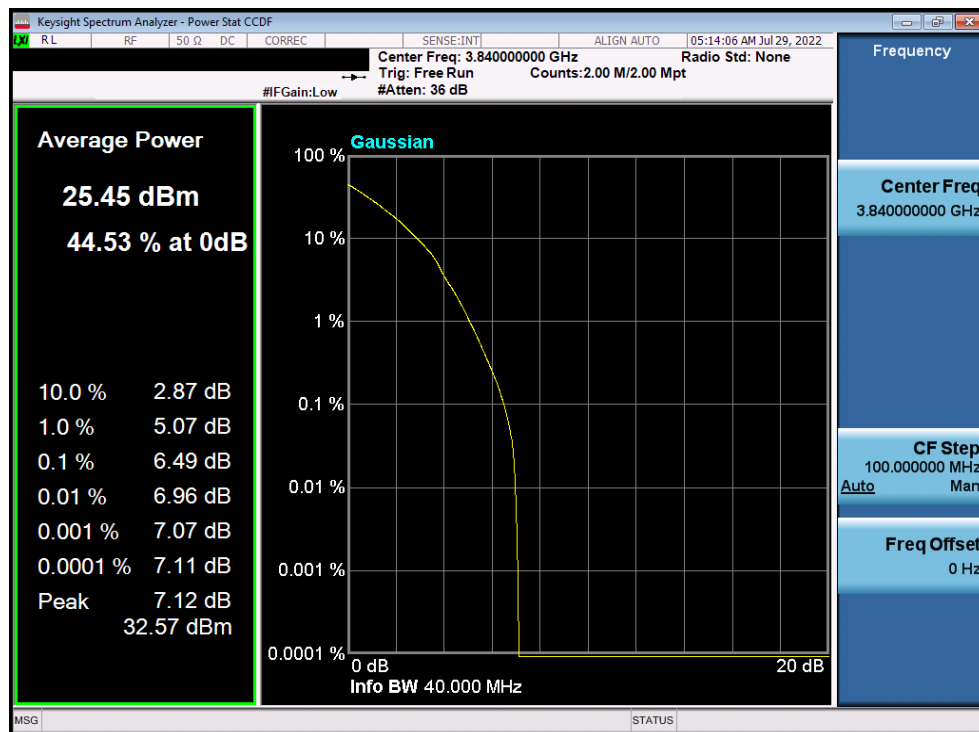
FCC ID: BCGA2435		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 149 of 203

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Plot 7-250. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 16-QAM - Full RB)

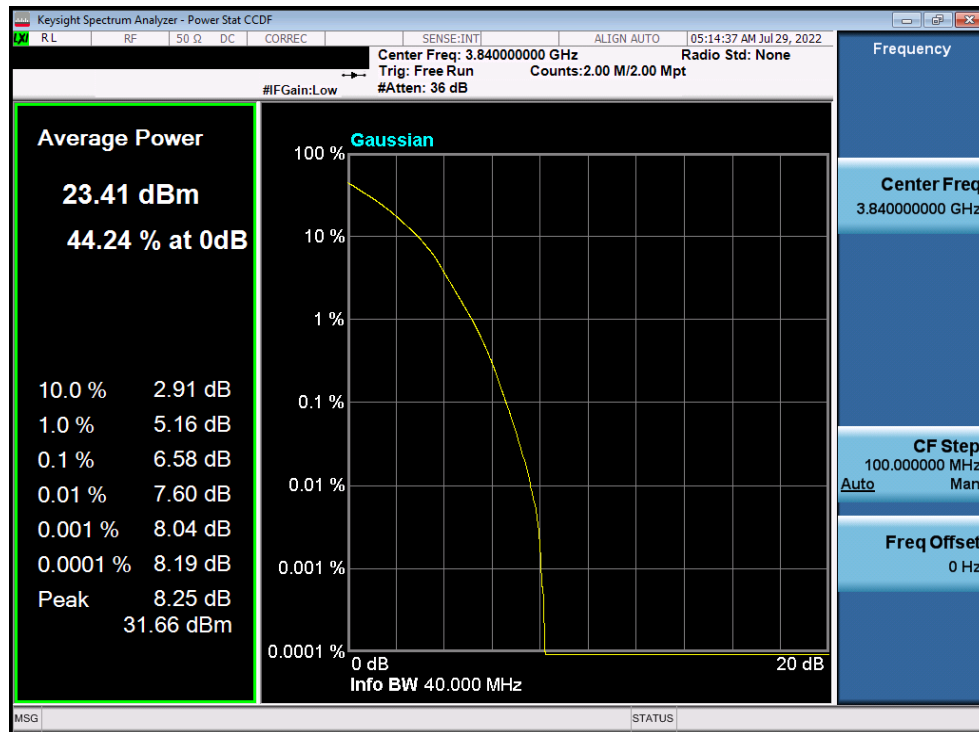


Plot 7-251. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 64-QAM - Full RB)

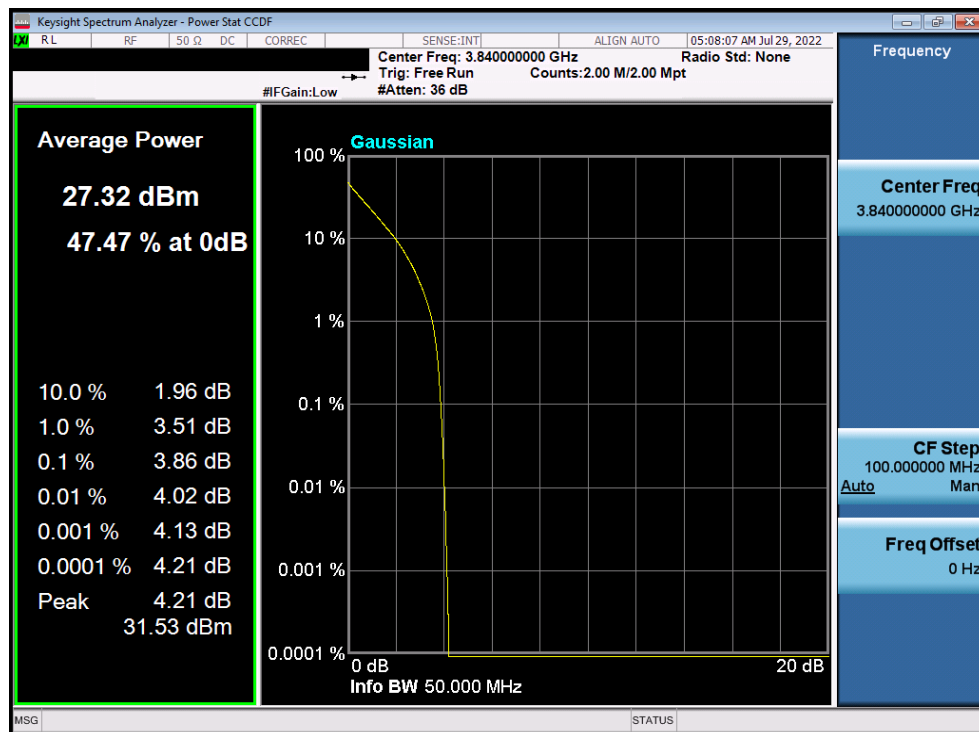
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 150 of 203

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

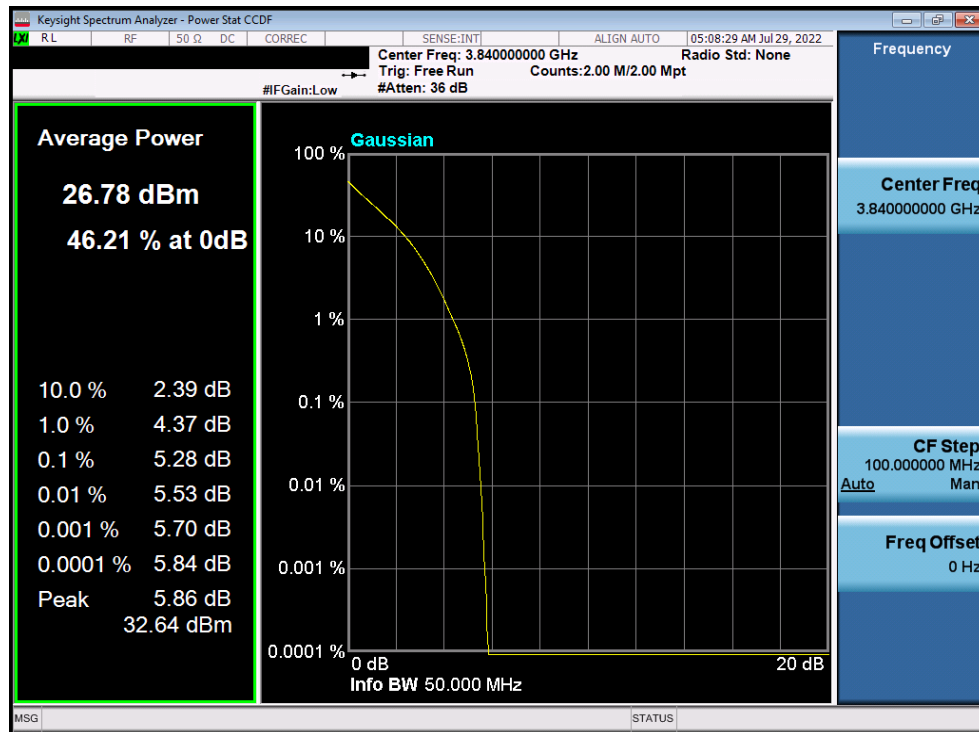


Plot 7-253. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

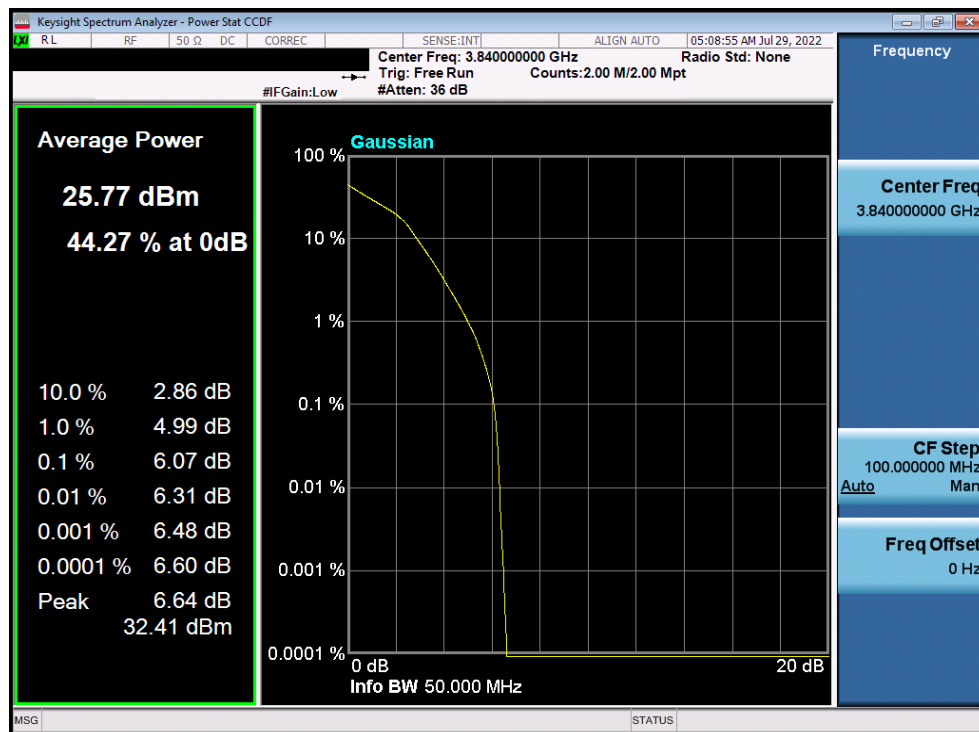
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 151 of 203

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

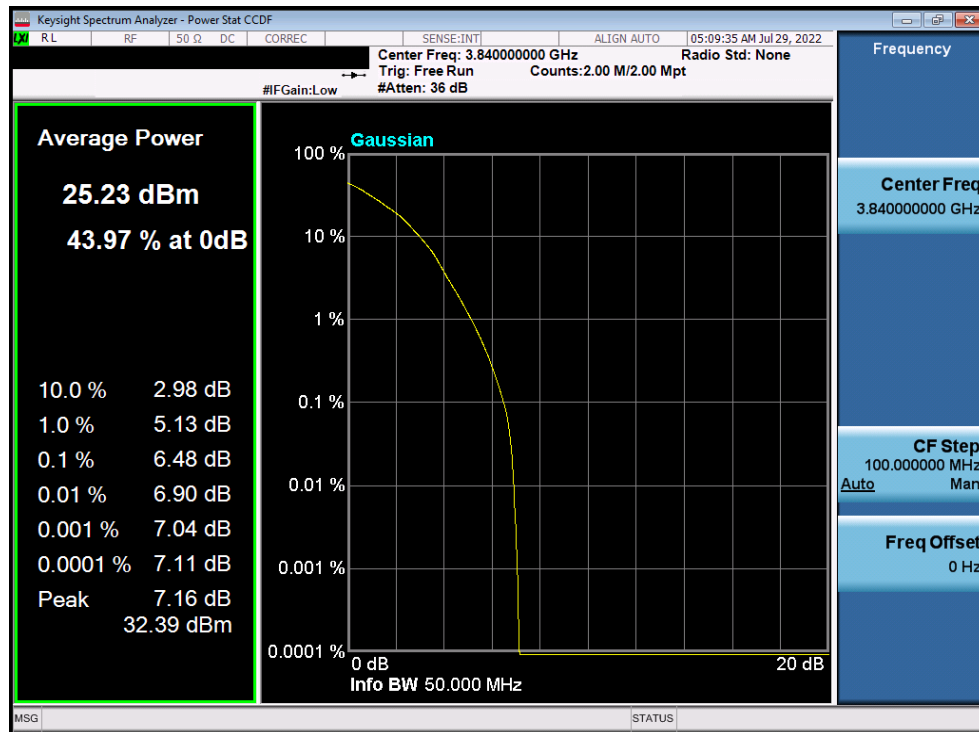


Plot 7-255. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 16-QAM - Full RB)

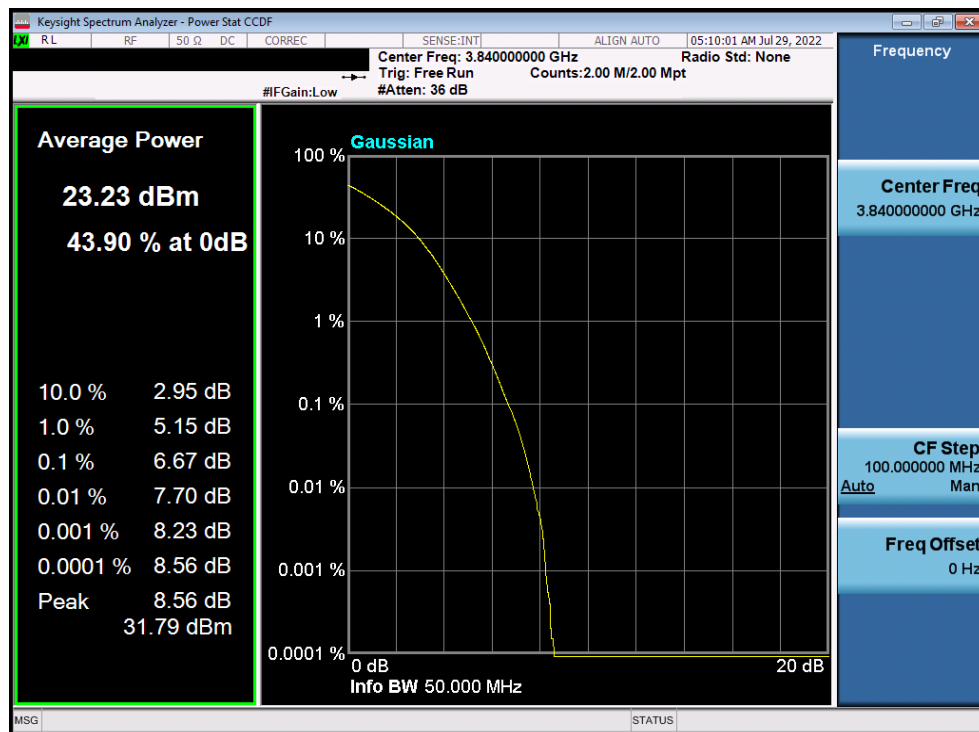
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 152 of 203

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

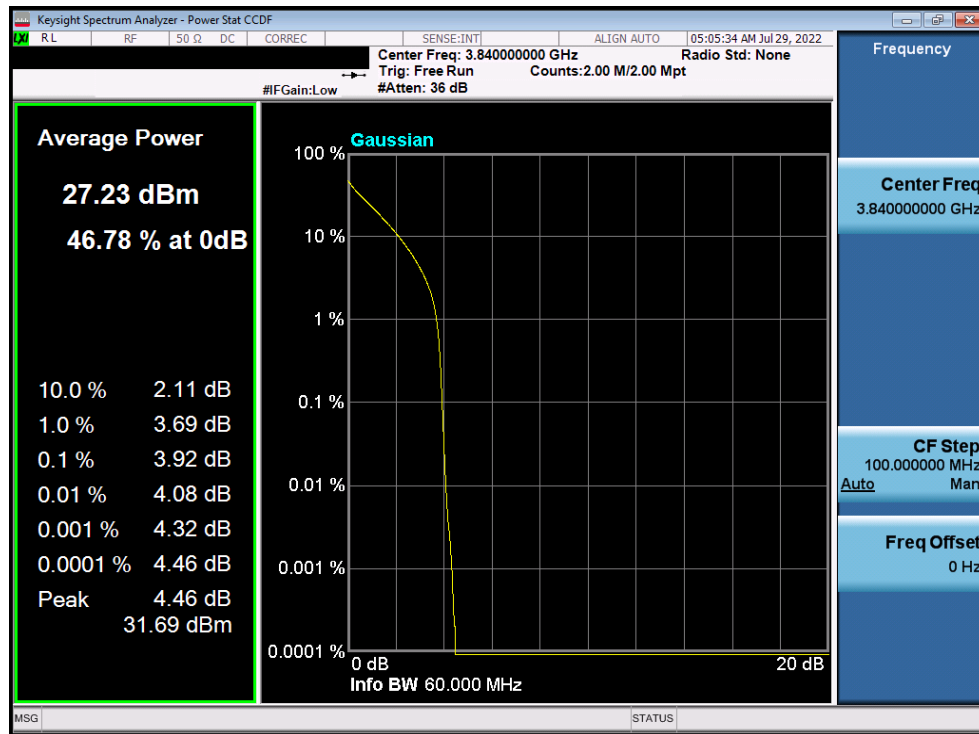


Plot 7-257. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 256-QAM - Full RB)

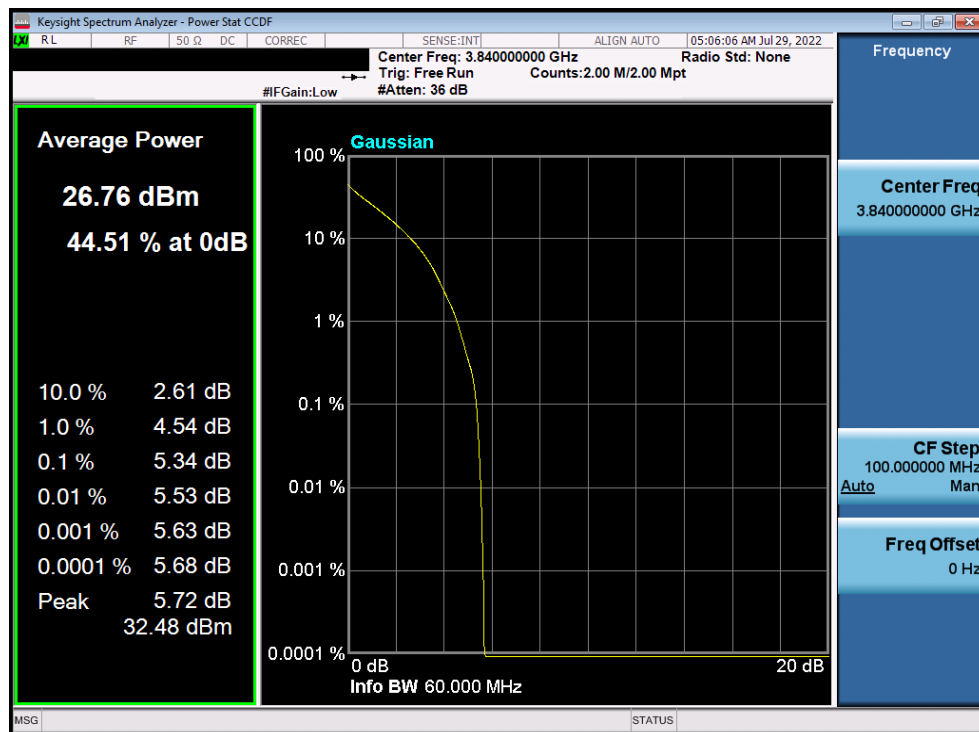
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 153 of 203

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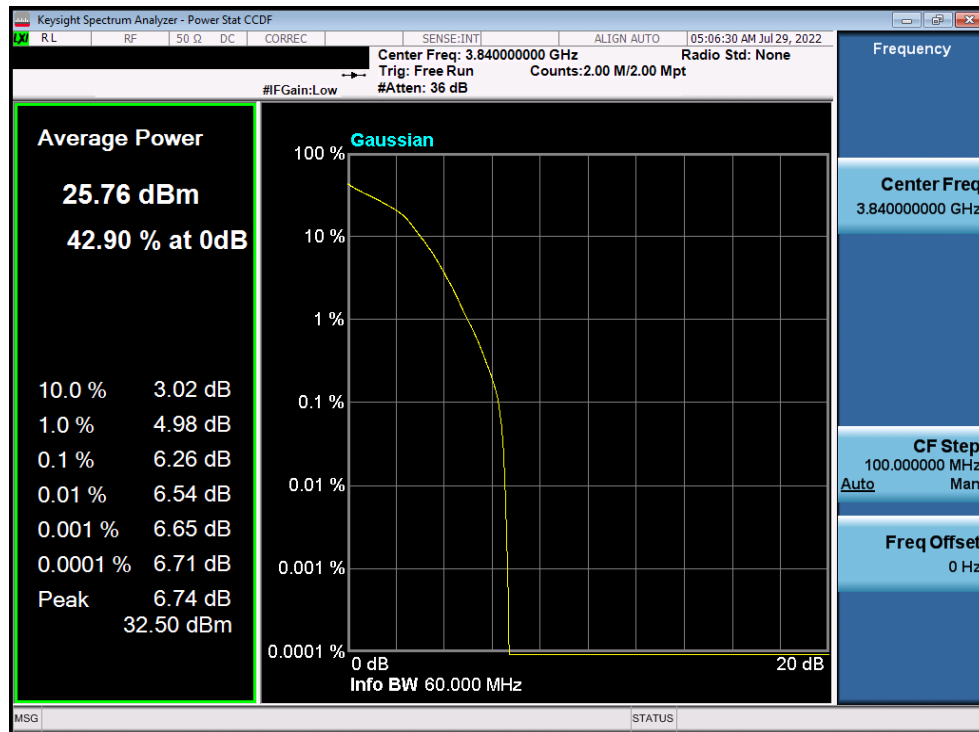
Plot 7-258. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



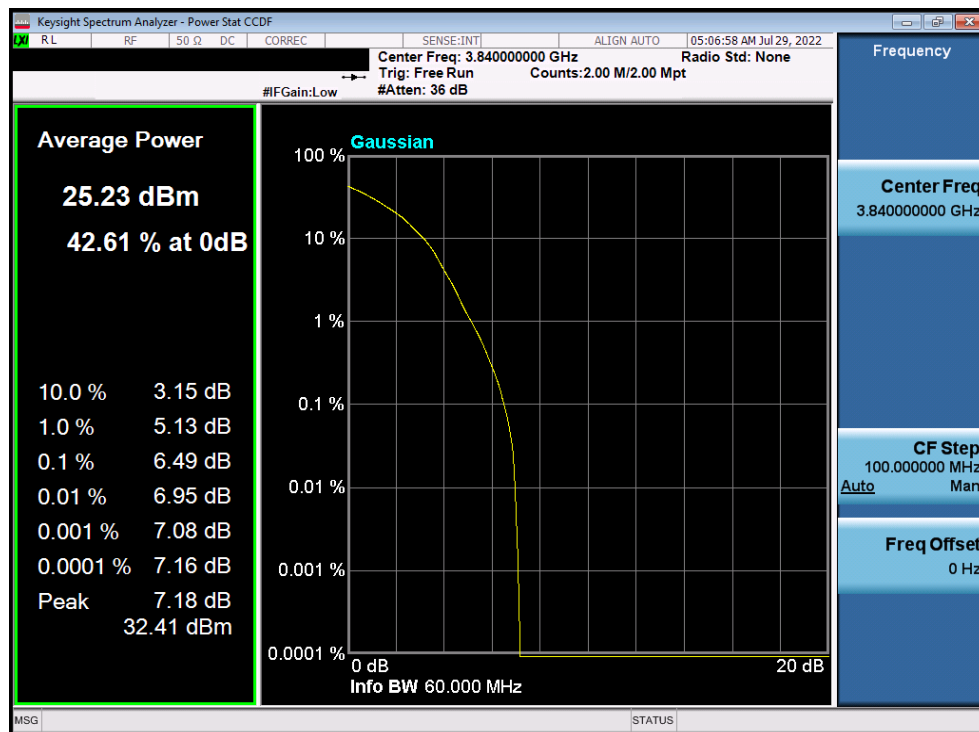
Plot 7-259. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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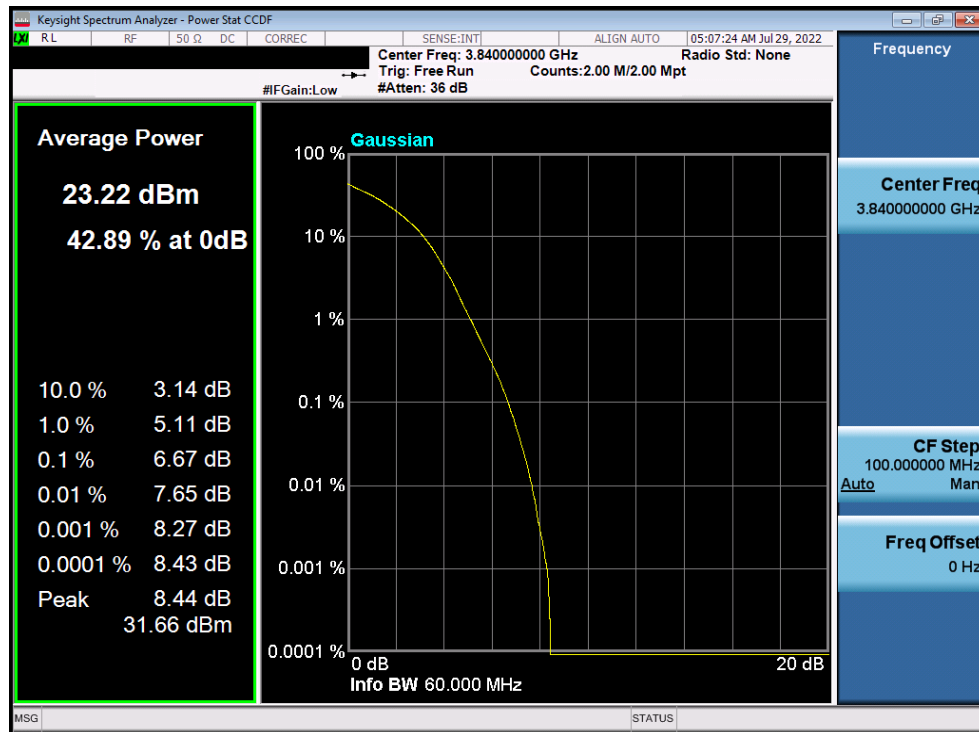
Plot 7-260. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 16-QAM - Full RB)



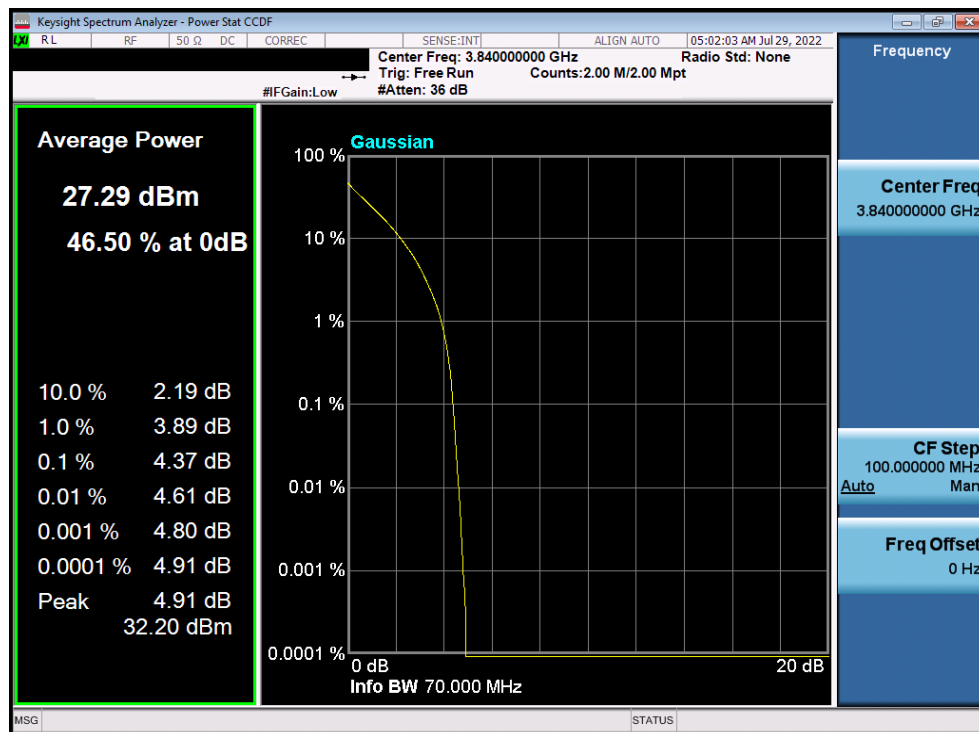
Plot 7-261. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2435	element 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)

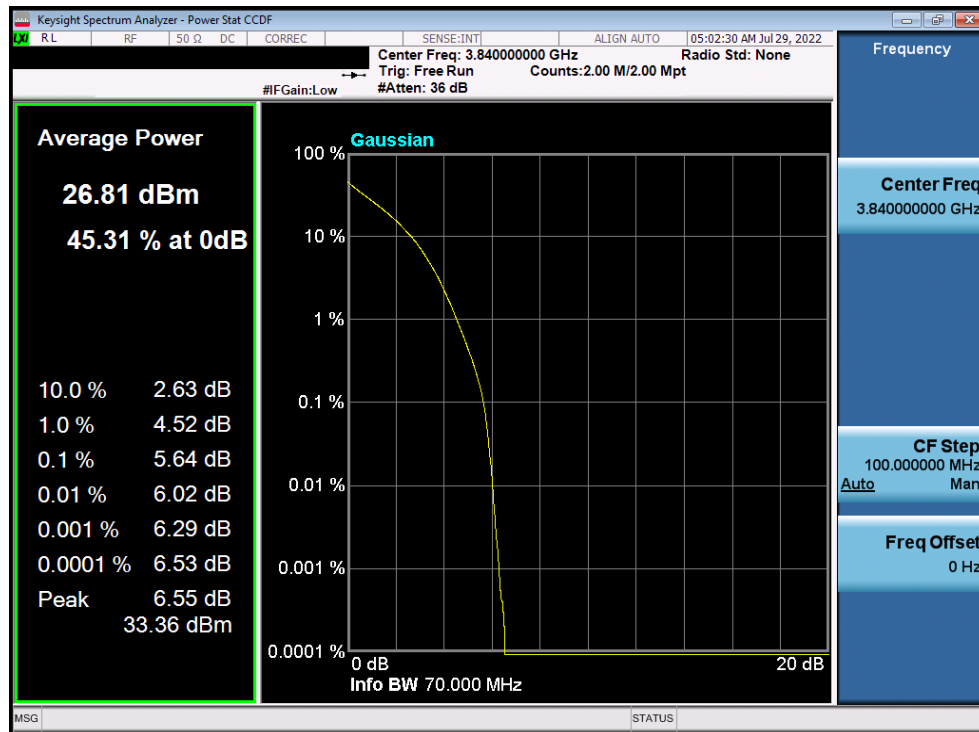


Plot 7-263. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

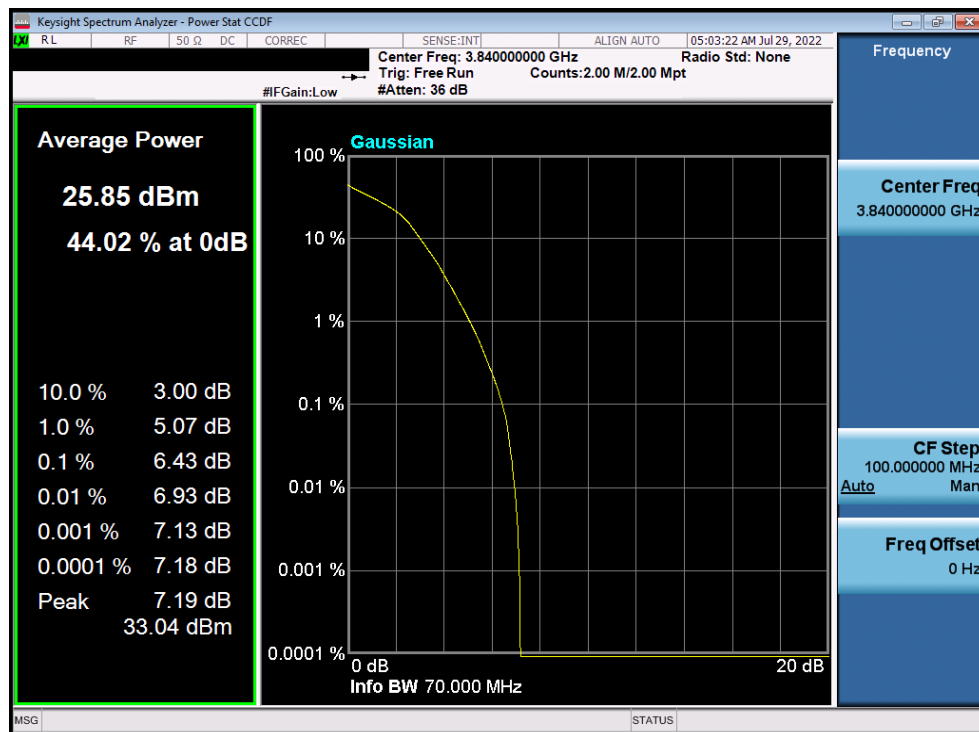
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 156 of 203

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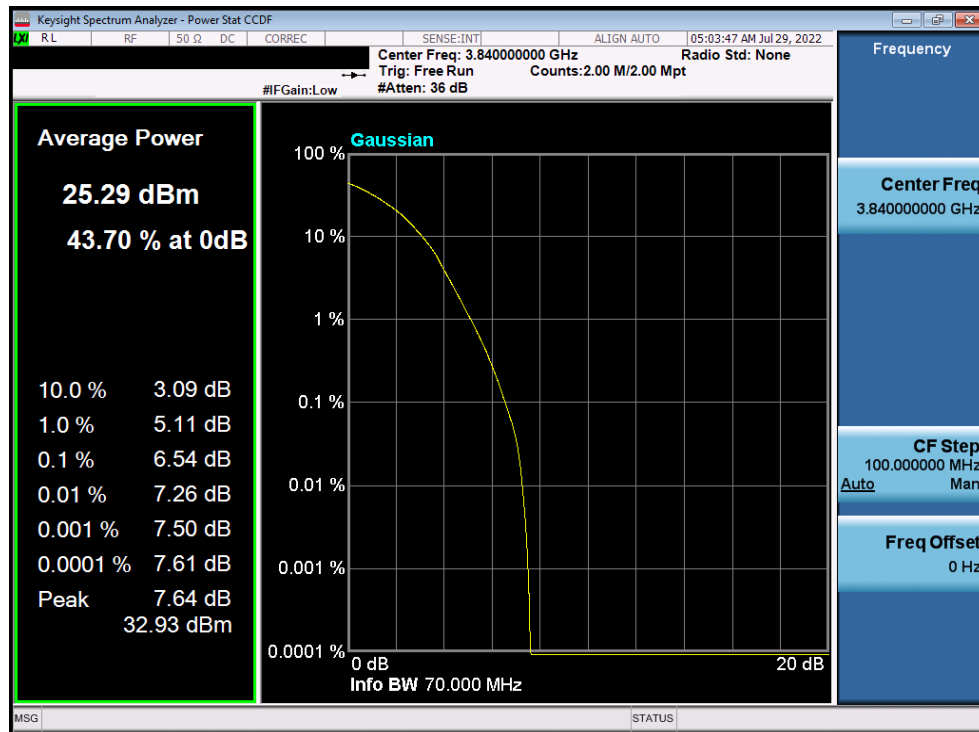
Plot 7-264. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)



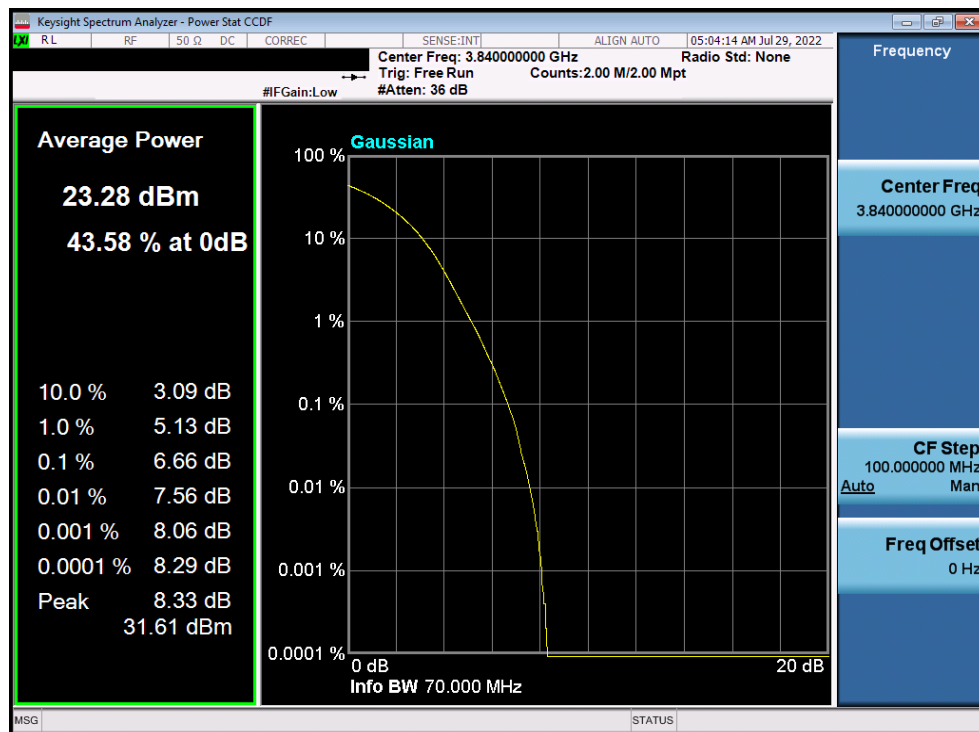
Plot 7-265. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2435	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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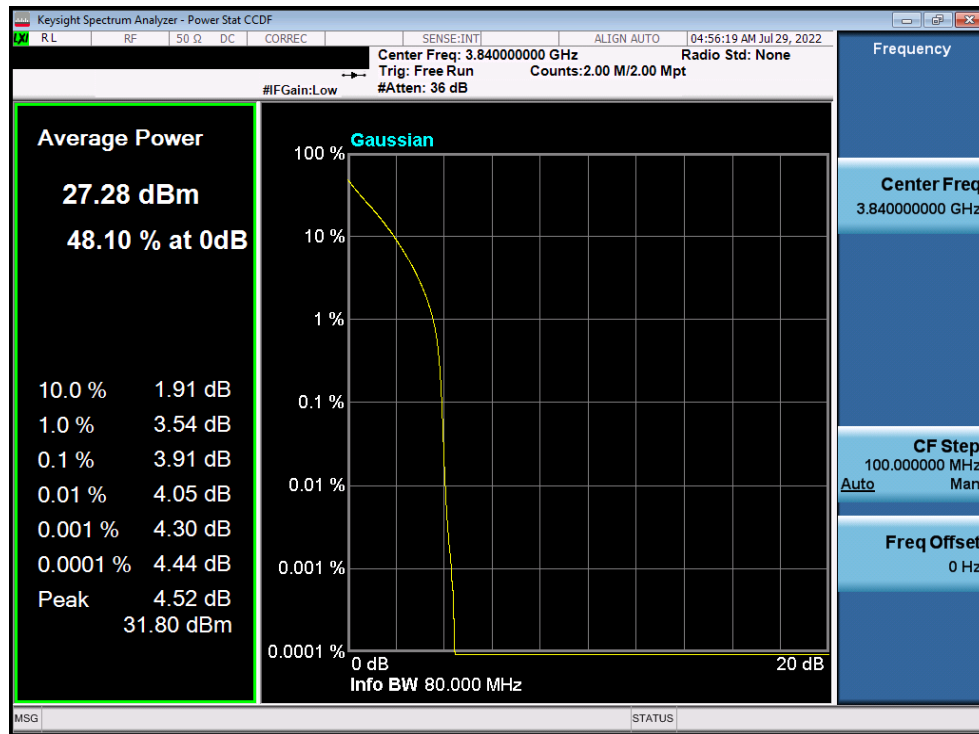
Plot 7-266. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 64-QAM - Full RB)



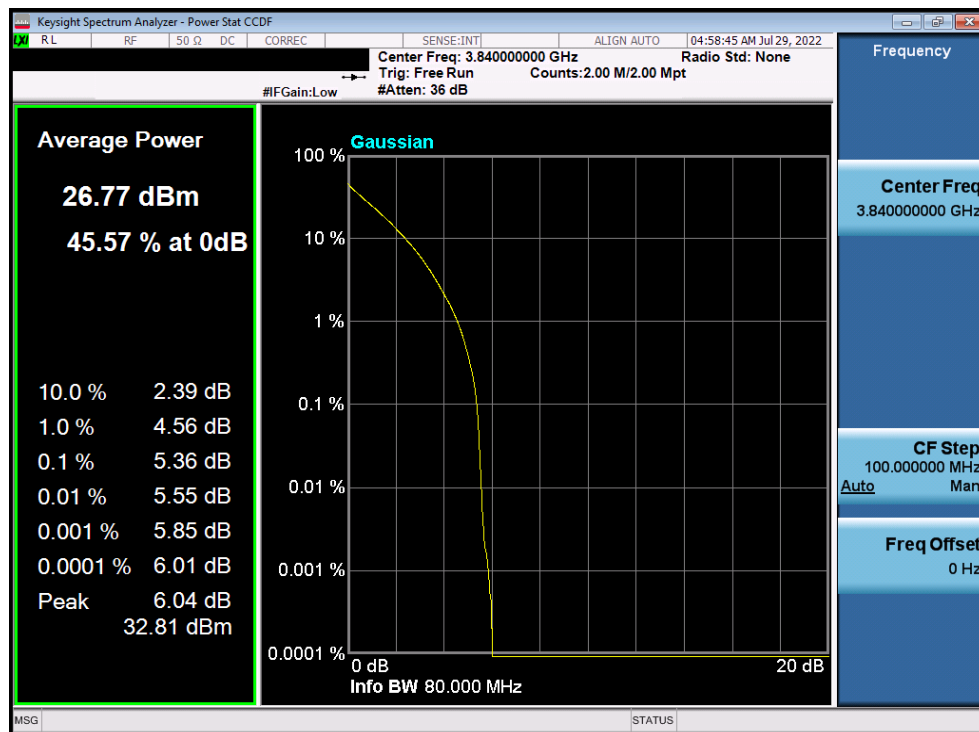
Plot 7-267. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2435	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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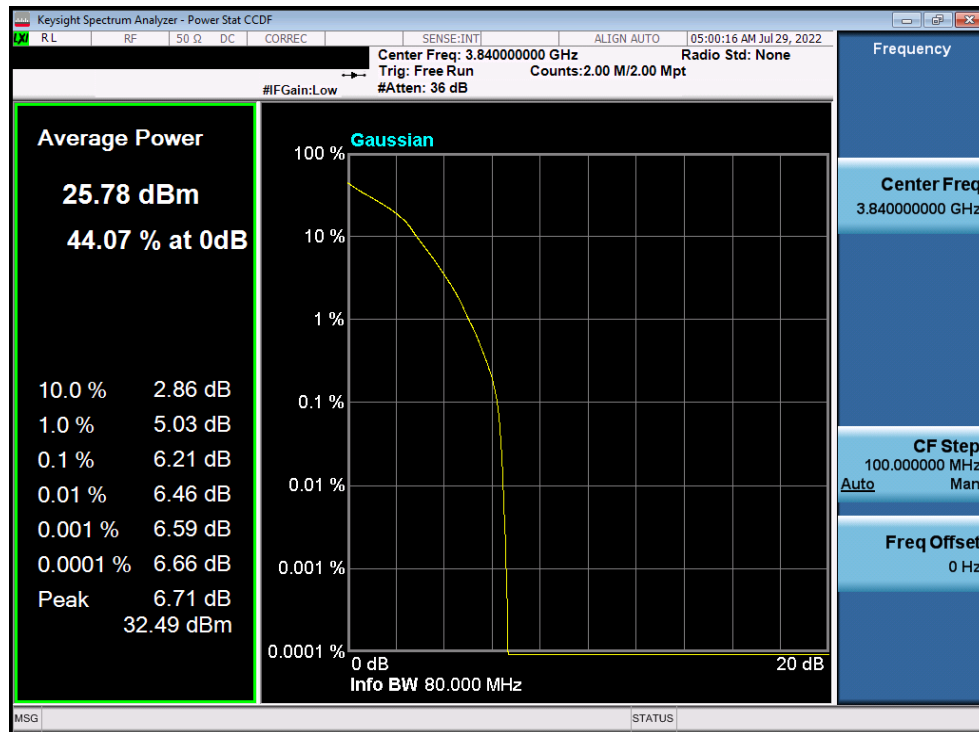
Plot 7-268. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



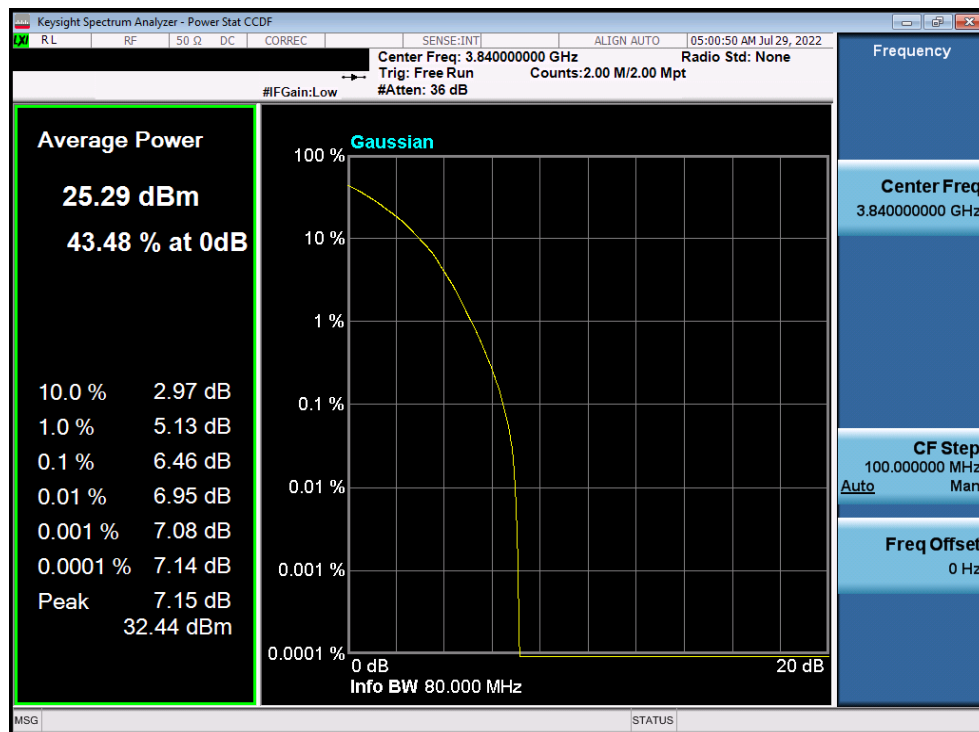
Plot 7-269. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-270. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 16-QAM - Full RB)

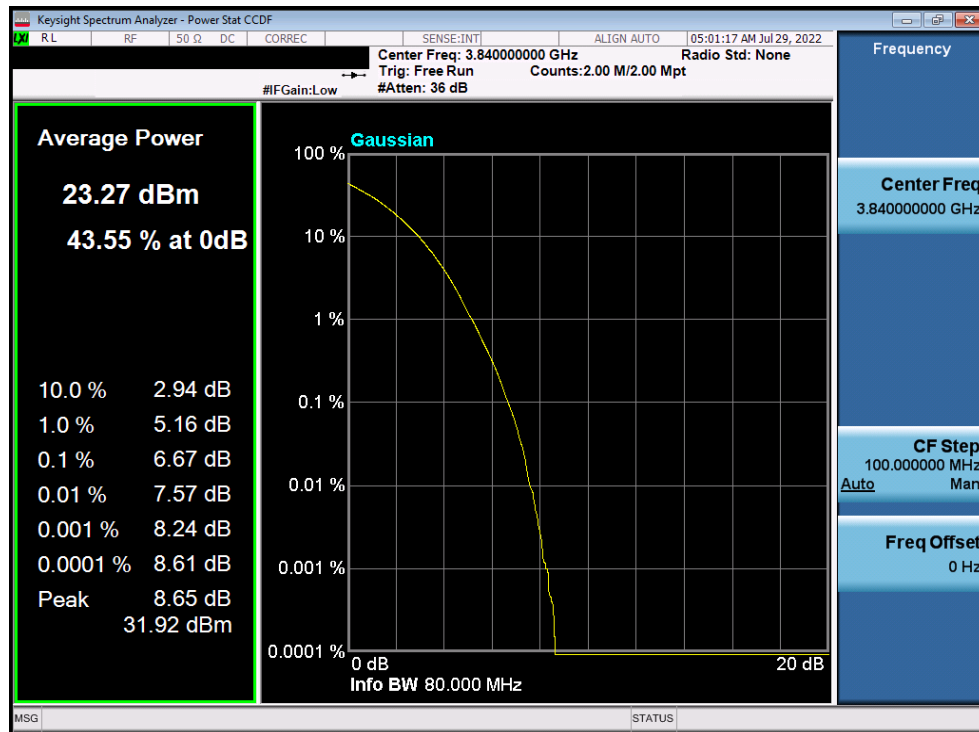


Plot 7-271. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 64-QAM - Full RB)

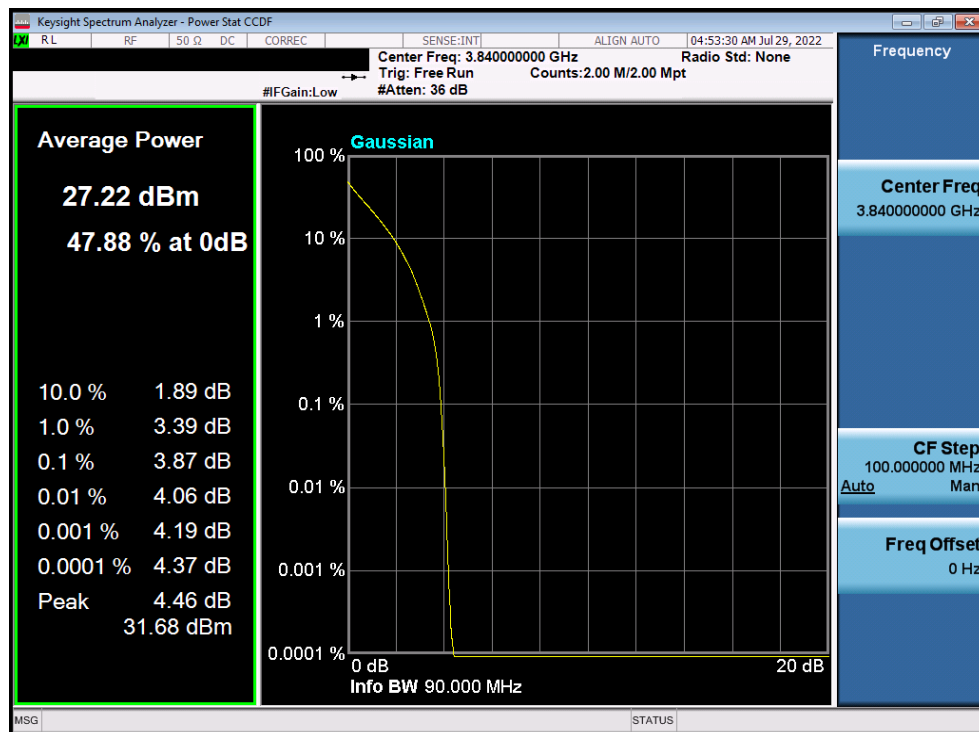
FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 160 of 203

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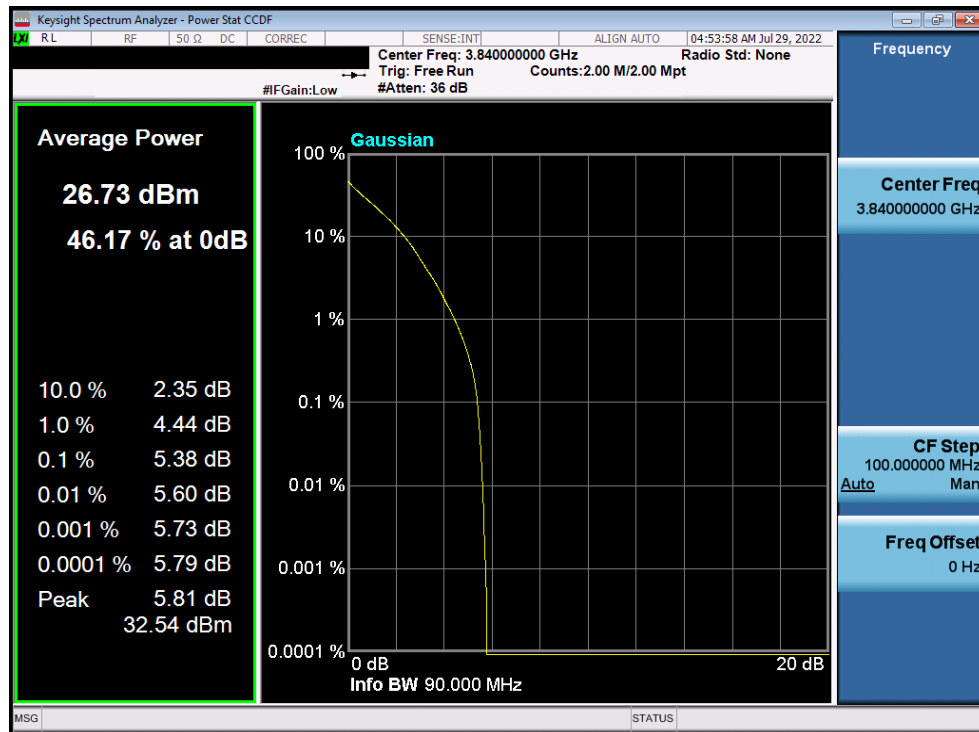
Plot 7-272. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 256-QAM - Full RB)



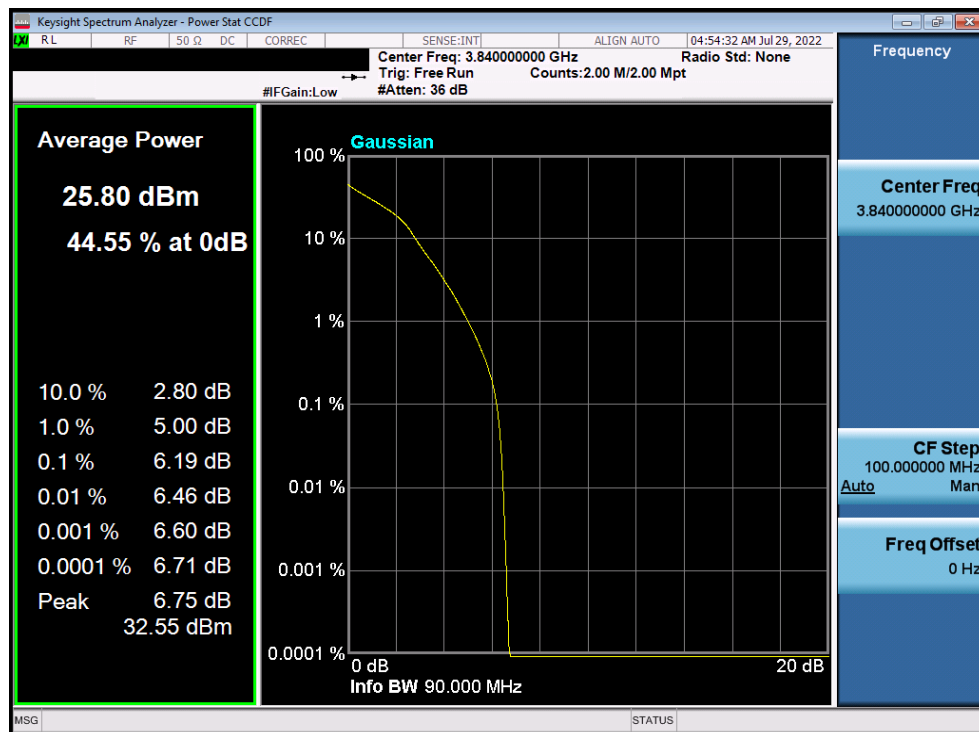
Plot 7-273. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2435	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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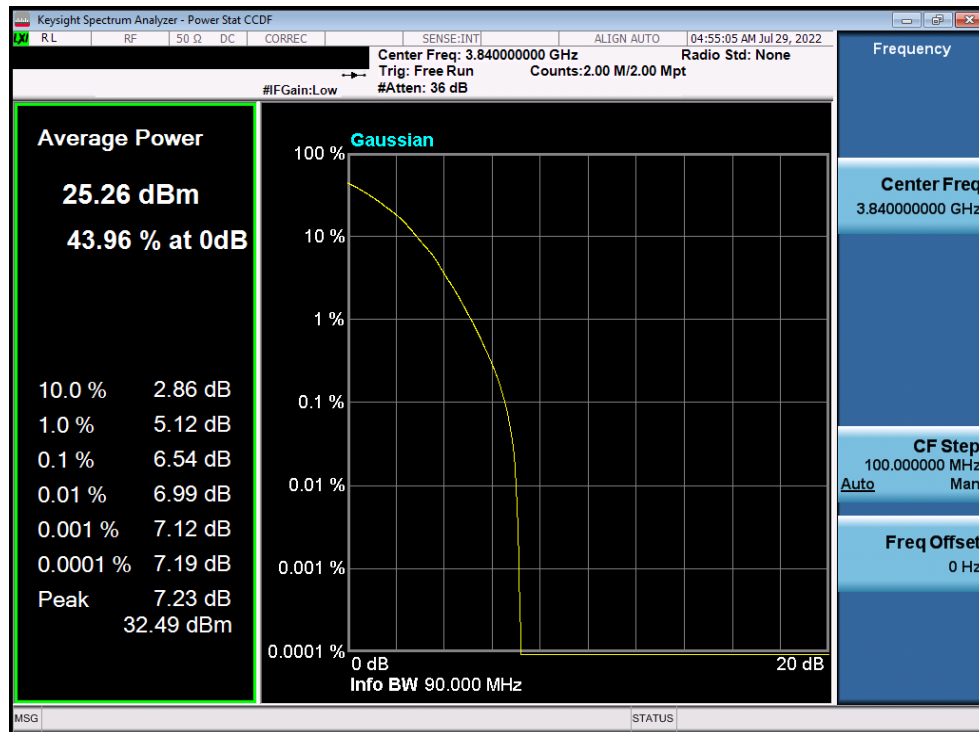
Plot 7-274. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM QPSK - Full RB)



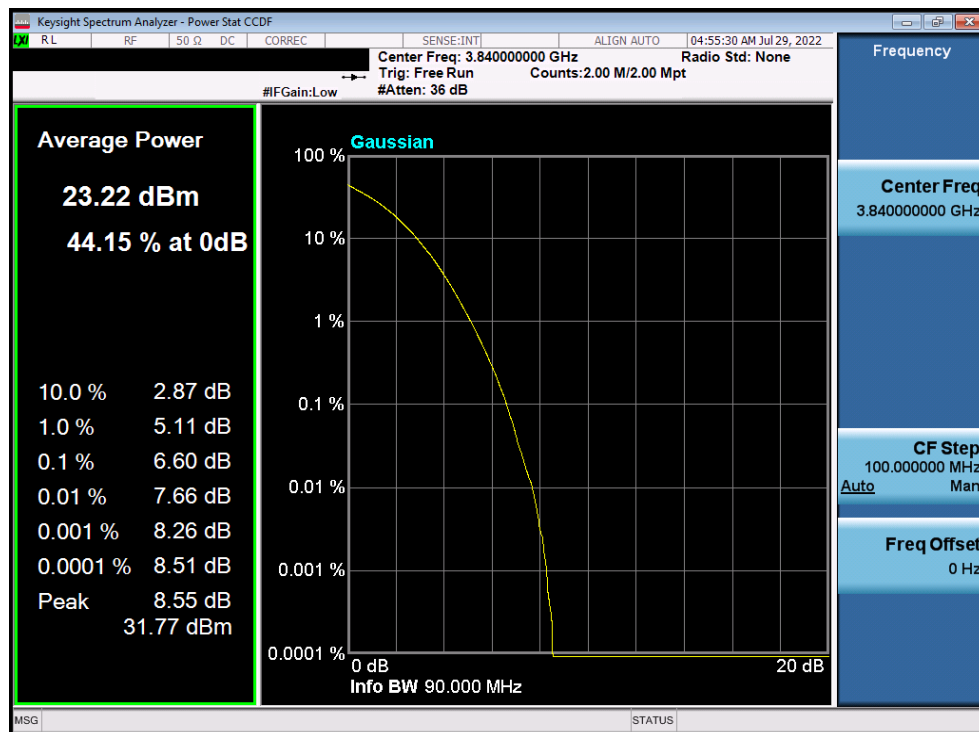
Plot 7-275. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2435	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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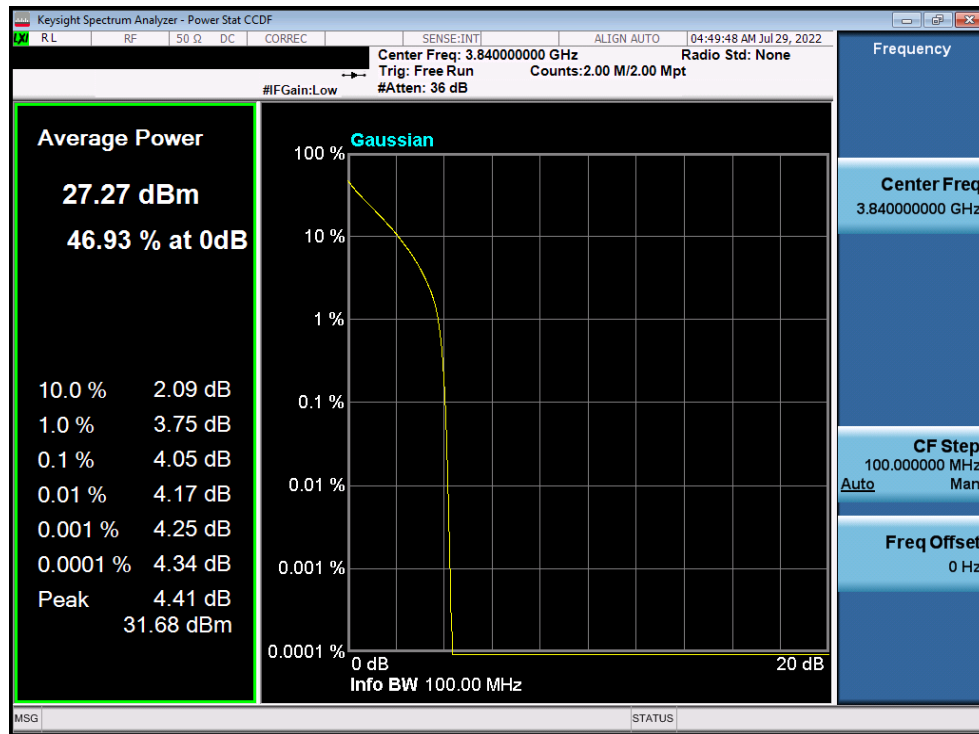
Plot 7-276. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 64-QAM - Full RB)



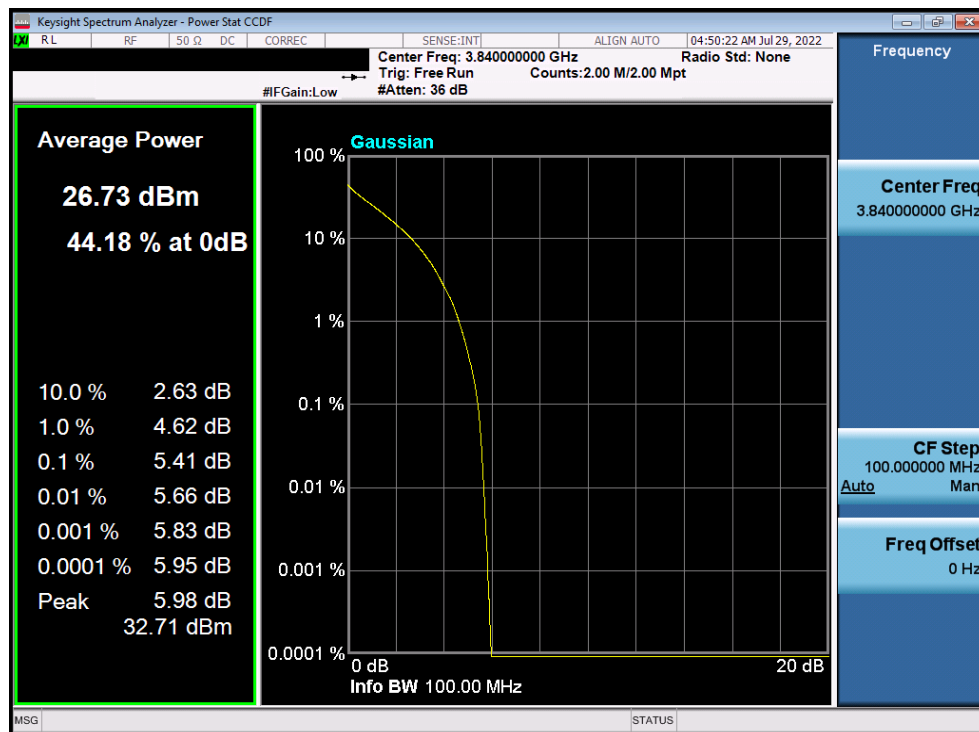
Plot 7-277. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2435	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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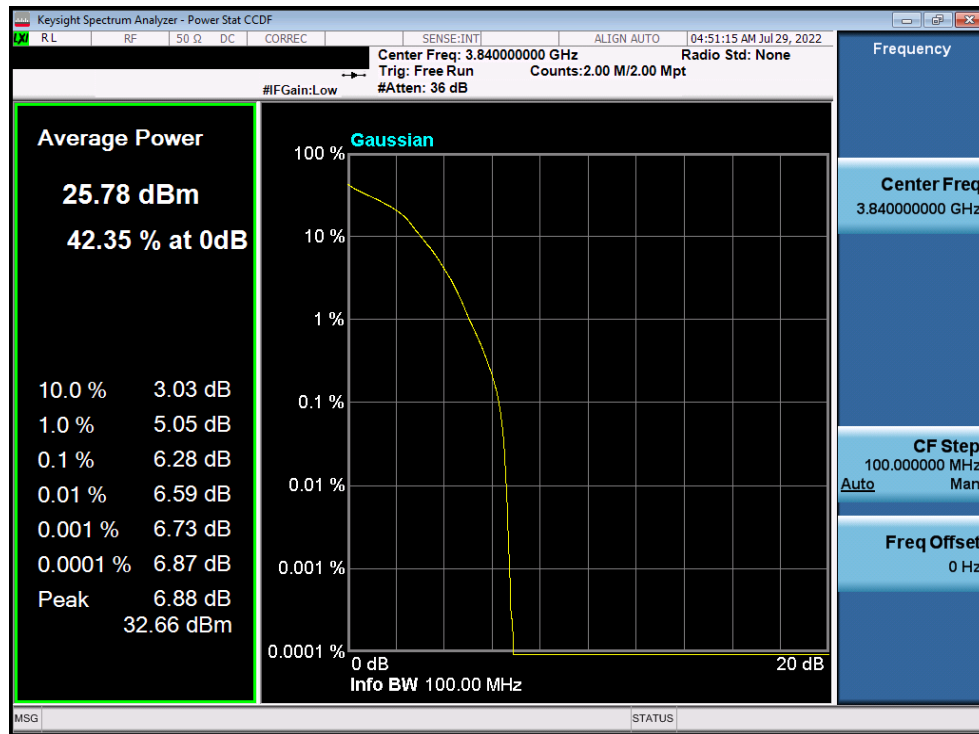
Plot 7-278. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



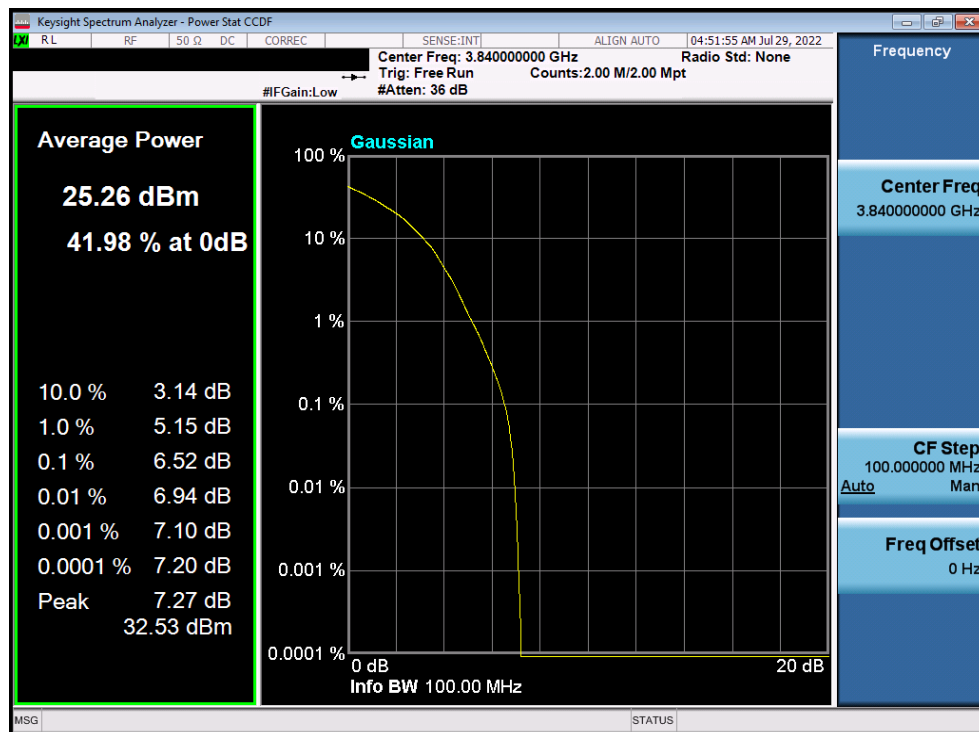
Plot 7-279. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2435	 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)

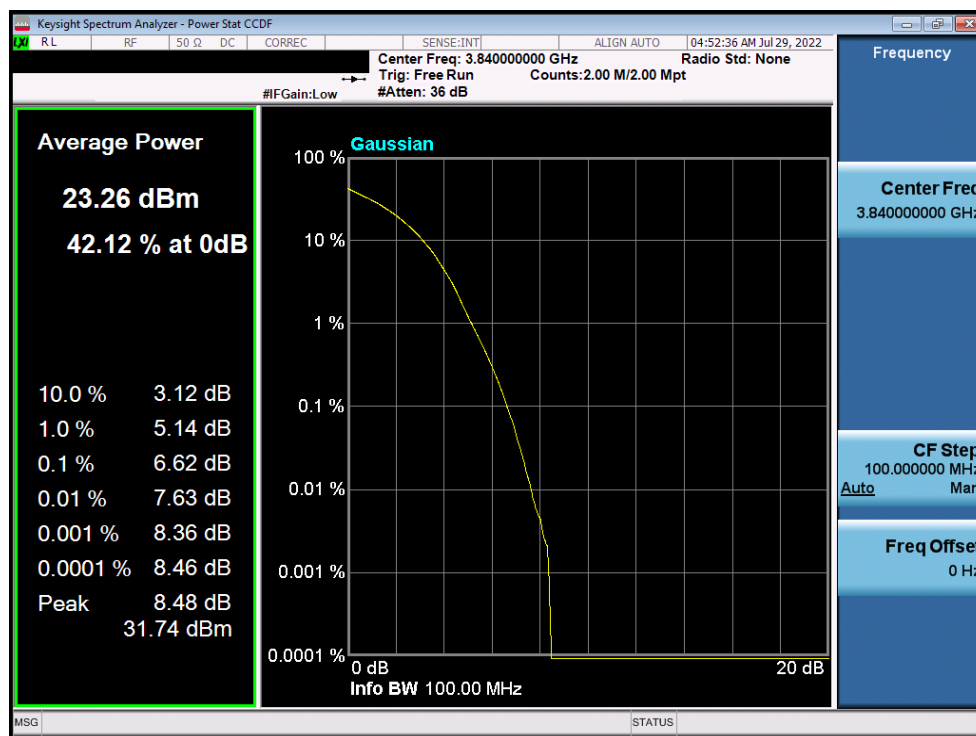


Plot 7-281. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2435	 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: BCGA2435	 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.

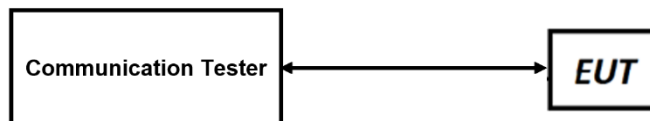


Figure 7-5. EIRP Measurement Setup

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	-0.10	1 / 6	27.39	27.29	0.536	33.01	-5.72
		3500.01	-0.10	1 / 17	27.38	27.28	0.535	33.01	-5.73
		3544.98	-0.10	1 / 17	27.44	27.34	0.542	33.01	-5.67
	QPSK	3455.01	-0.10	1 / 6	27.45	27.35	0.543	33.01	-5.66
		3500.01	-0.10	1 / 17	27.50	27.40	0.550	33.01	-5.61
		3544.98	-0.10	1 / 17	27.32	27.22	0.527	33.01	-5.79
	16-QAM	3455.01	-0.10	1 / 12	26.40	26.30	0.427	33.01	-6.71
	64-QAM	3544.98	-0.10	1 / 6	25.48	25.38	0.345	33.01	-7.63
	256-QAM	3500.01	-0.10	1 / 6	22.47	22.37	0.173	33.01	-10.64
	256-QAM	3500.01	-0.10	1 / 19	27.37	27.27	0.533	33.01	-5.74
15 MHz	π/2 BPSK	3457.50	-0.10	1 / 28	27.37	27.27	0.533	33.01	-5.74
		3500.01	-0.10	1 / 19	27.50	27.40	0.550	33.01	-5.61
		3542.49	-0.10	1 / 9	27.21	27.11	0.514	33.01	-5.90
	QPSK	3457.50	-0.10	1 / 28	27.17	27.07	0.509	33.01	-5.94
		3500.01	-0.10	1 / 19	27.44	27.34	0.542	33.01	-5.67
		3542.49	-0.10	1 / 9	27.46	27.36	0.545	33.01	-5.65
	16-QAM	3457.50	-0.10	1 / 19	26.43	26.33	0.430	33.01	-6.68
	64-QAM	3500.01	-0.10	1 / 28	25.50	25.40	0.347	33.01	-7.61
	256-QAM	3542.49	-0.10	1 / 19	22.50	22.40	0.174	33.01	-10.61
	256-QAM	3460.02	-0.10	1 / 13	27.50	27.40	0.550	33.01	-5.61
20 MHz	π/2 BPSK	3500.01	-0.10	1 / 37	27.48	27.38	0.547	33.01	-5.63
		3540.00	-0.10	1 / 37	27.50	27.40	0.550	33.01	-5.61
		3540.00	-0.10	1 / 37	27.50	27.40	0.550	33.01	-5.61
	QPSK	3460.02	-0.10	1 / 37	27.50	27.40	0.550	33.01	-5.61
		3500.01	-0.10	1 / 25	27.44	27.34	0.542	33.01	-5.67
		3540.00	-0.10	1 / 25	27.42	27.32	0.540	33.01	-5.69
	16-QAM	3500.01	-0.10	1 / 37	26.52	26.42	0.439	33.01	-6.59
	64-QAM	3540.00	-0.10	1 / 13	25.49	25.39	0.346	33.01	-7.62
	256-QAM	3460.02	-0.10	1 / 13	22.38	22.28	0.169	33.01	-10.73
	256-QAM	3465.00	-0.10	1 / 39	27.42	27.32	0.540	33.01	-5.69
30 MHz	π/2 BPSK	3500.01	-0.10	1 / 39	27.20	27.10	0.513	33.01	-5.91
		3534.99	-0.10	1 / 39	27.50	27.40	0.550	33.01	-5.61
		3534.99	-0.10	1 / 19	27.40	27.30	0.537	33.01	-5.71
	QPSK	3500.01	-0.10	1 / 58	27.50	27.40	0.550	33.01	-5.61
		3534.99	-0.10	1 / 58	27.40	27.30	0.537	33.01	-5.71
		3534.99	-0.10	1 / 58	26.43	26.33	0.430	33.01	-6.68
	16-QAM	3534.99	-0.10	1 / 58	25.53	25.43	0.349	33.01	-7.58
	64-QAM	3534.99	-0.10	1 / 58	25.53	25.43	0.349	33.01	-7.58
	256-QAM	3465.00	-0.10	1 / 19	22.50	22.40	0.174	33.01	-10.61
	256-QAM	3470.01	-0.10	1 / 53	27.33	27.23	0.528	33.01	-5.78
40 MHz	π/2 BPSK	3500.01	-0.10	1 / 79	27.47	27.37	0.546	33.01	-5.64
		3529.98	-0.10	1 / 53	27.50	27.40	0.550	33.01	-5.61
		3529.98	-0.10	1 / 79	27.49	27.39	0.548	33.01	-5.62
	QPSK	3500.01	-0.10	1 / 26	27.29	27.19	0.524	33.01	-5.82
		3529.98	-0.10	1 / 53	27.46	27.36	0.545	33.01	-5.65
		3529.98	-0.10	1 / 26	26.43	26.33	0.430	33.01	-6.68
	16-QAM	3470.01	-0.10	1 / 53	25.47	25.37	0.344	33.01	-7.64
	64-QAM	3500.01	-0.10	1 / 53	25.47	25.37	0.344	33.01	-7.64
	256-QAM	3500.01	-0.10	1 / 79	22.31	22.21	0.166	33.01	-10.80
	256-QAM	3475.02	-0.10	1 / 66	27.50	27.40	0.550	33.01	-5.61
50 MHz	π/2 BPSK	3500.01	-0.10	1 / 66	27.24	27.14	0.518	33.01	-5.87
		3525.00	-0.10	1 / 33	27.27	27.17	0.521	33.01	-5.84
		3525.00	-0.10	1 / 33	27.49	27.39	0.548	33.01	-5.62
	QPSK	3500.01	-0.10	1 / 33	27.47	27.37	0.546	33.01	-5.64
		3525.00	-0.10	1 / 33	27.18	27.08	0.511	33.01	-5.93
		3525.00	-0.10	1 / 99	26.45	26.35	0.432	33.01	-6.66
	16-QAM	3500.01	-0.10	1 / 99	25.43	25.33	0.341	33.01	-7.68
	64-QAM	3500.01	-0.10	1 / 99	25.43	25.33	0.341	33.01	-7.68
	256-QAM	3500.01	-0.10	1 / 33	22.51	22.41	0.174	33.01	-10.60
	256-QAM	3480.00	-0.10	1 / 121	27.50	27.40	0.550	33.01	-5.61
60 MHz	π/2 BPSK	3500.01	-0.10	1 / 40	27.36	27.26	0.532	33.01	-5.75
		3519.99	-0.10	1 / 40	27.41	27.31	0.538	33.01	-5.70
		3519.99	-0.10	1 / 121	27.47	27.37	0.546	33.01	-5.64
	QPSK	3500.01	-0.10	1 / 121	27.16	27.06	0.508	33.01	-5.95
		3519.99	-0.10	1 / 40	27.33	27.23	0.528	33.01	-5.78
		3519.99	-0.10	1 / 61	26.38	26.28	0.425	33.01	-6.73
	16-QAM	3480.00	-0.10	1 / 61	25.51	25.41	0.348	33.01	-7.60
	64-QAM	3500.01	-0.10	1 / 121	25.51	25.41	0.348	33.01	-7.60
	256-QAM	3519.99	-0.10	1 / 40	22.48	22.38	0.173	33.01	-10.63
	256-QAM	3485.01	-0.10	1 / 141	27.32	27.22	0.527	33.01	-5.79
70 MHz	π/2 BPSK	3500.01	-0.10	1 / 47	27.38	27.28	0.535	33.01	-5.73
		3514.98	-0.10	1 / 47	27.40	27.30	0.537	33.01	-5.71
		3514.98	-0.10	1 / 47	27.50	27.40	0.550	33.01	-5.61
	QPSK	3500.01	-0.10	1 / 141	27.39	27.29	0.536	33.01	-5.72
		3514.98	-0.10	1 / 141	27.48	27.38	0.547	33.01	-5.63
		3514.98	-0.10	1 / 47	26.48	26.38	0.435	33.01	-6.63
	16-QAM	3485.01	-0.10	1 / 47	25.40	25.30	0.339	33.01	-7.71
	64-QAM	3514.98	-0.10	1 / 47	25.40	25.30	0.339	33.01	-7.71
	256-QAM	3485.01	-0.10	1 / 94	22.45	22.35	0.172	33.01	-10.66
	256-QAM	3490.02	-0.10	1 / 162	27.21	27.11	0.514	33.01	-5.90
80 MHz	π/2 BPSK	3500.01	-0.10	1 / 162	27.50	27.40	0.550	33.01	-5.61
		3510.00	-0.10	1 / 108	27.40	27.30	0.537	33.01	-5.71
		3510.00	-0.10	1 / 162	27.43	27.33	0.541	33.01	-5.68
	QPSK	3500.01	-0.10	1 / 162	27.47	27.37	0.546	33.01	-5.64
		3510.00	-0.10	1 / 162	27.41	27.31	0.538	33.01	-5.70
		3510.00	-0.10	1 / 54	26.53	26.43	0.440	33.01	-6.58
	16-QAM	3490.02	-0.10	1 / 54	25.49	25.39	0.346	33.01	-7.62
	64-QAM	3500.01	-0.10	1 / 54	22.46	22.36	0.172	33.01	-10.65
	256-QAM	3500.01	-0.10	1 / 122	27.49	27.39	0.548	33.01	-5.62
	256-QAM	3495.00	-0.10	1 / 61	27.17	27.07	0.509	33.01	-5.94
90 MHz	π/2 BPSK	3504.99	-0.10	1 / 61	27.38	27.28	0.535	33.01	-5.73
		3504.99	-0.10	1 / 183	27.27	27.17	0.521	33.01	-5.84
		3500.01	-0.10	1 / 122	27.23	27.13	0.516	33.01	-5.88
	QPSK	3504.99	-0.10	1 / 61	27.50	27.40	0.550	33.01	-5.61
		3500.01	-0.10	1 / 61	26.45	26.35	0.432	33.01	-6.66
		3504.99	-0.10	1 / 183	25.50	25.40	0.347	33.01	-7.61
	16-QAM	3504.99	-0.10	1 / 183	25.50	25.40	0.347	33.01	-7.61
	64-QAM	3500.01	-0.10	1 / 183	22.48	22.38	0.173	33.01	-10.63
	256-QAM	3500.01	-0.10	1 / 68	27.49	27.39	0.548	33.01	-5.62
	256-QAM	3500.01	-0.10	1 / 204	27.37	27.27	0.533	33.01	-5.74
100 MHz	π/2 BPSK	3500.01	-0.10	1 / 136	27.50	27.40	0.550	33.01	-5.61
		3500.01	-0.10	1 / 136	27.44	27.34	0.542	33.01	-5.67
		3500.01	-0.10	1 / 204	27.38	27.28	0.535	33.01	-5.73
	QPSK	3500.01	-0.10	1 / 204	27.27	27.17	0.521	33.01	-5.84
		3500.01	-0.10	1 / 68	26.48	26.38	0.435	33.01	-6.63
		3500.01	-0.10	1 / 204	25.46	25.36	0.344	33.01	-7.65
	16-QAM	3500.01	-0.10	1 / 204	25.46	25.36	0.344	33.01	-7.65
	64-QAM	3500.01	-0.10	1 / 204	22.44	22.34	0.171	33.01	-10.67
	256-QAM	3500.01	-0.10	1 / 204	22.44	22.34	0.171	33.01	-10.67
	256-QAM	3500.01	-0.10	1 / 204	22.44	22.34	0.171	33.01	-10.67

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

FCC ID: BCGA2435		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device		Page 168 of 203

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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	m/2 BPSK	3455.01	-0.10	1 / 17	25.70	25.60	0.363	33.01	-7.41	
		3500.01	-0.10	1 / 6	25.59	25.49	0.354	33.01	-7.52	
		3544.98	-0.10	1 / 12	25.65	25.55	0.359	33.01	-7.46	
		3455.01	-0.10	1 / 12	25.59	25.49	0.354	33.01	-7.52	
		3500.01	-0.10	1 / 12	25.51	25.41	0.348	33.01	-7.60	
	QPSK	3544.98	-0.10	1 / 12	25.46	25.36	0.344	33.01	-7.65	
		16-QAM	3500.01	-0.10	1 / 6	24.70	24.60	0.288	33.01	-8.41
		64-QAM	3455.01	-0.10	1 / 12	23.69	23.59	0.229	33.01	-9.42
		256-QAM	3544.98	-0.10	1 / 17	20.61	20.51	0.112	33.01	-12.50
		3457.50	-0.10	1 / 28	25.63	25.53	0.357	33.01	-7.48	
15 MHz	m/2 BPSK	3500.01	-0.10	1 / 28	25.53	25.43	0.349	33.01	-7.58	
		3542.49	-0.10	1 / 9	25.70	25.60	0.363	33.01	-7.41	
		3457.50	-0.10	1 / 9	25.49	25.39	0.346	33.01	-7.62	
		3500.01	-0.10	1 / 28	25.50	25.40	0.347	33.01	-7.61	
		3542.49	-0.10	1 / 9	25.39	25.29	0.338	33.01	-7.72	
	QPSK	16-QAM	3542.49	-0.10	1 / 9	24.69	24.59	0.288	33.01	-8.42
		64-QAM	3542.49	-0.10	1 / 9	23.55	23.45	0.221	33.01	-9.56
		256-QAM	3457.50	-0.10	1 / 19	20.68	20.58	0.114	33.01	-12.43
		3460.02	-0.10	1 / 37	25.70	25.60	0.363	33.01	-7.41	
		3500.01	-0.10	1 / 13	25.69	25.59	0.362	33.01	-7.42	
20 MHz	m/2 BPSK	3540.00	-0.10	1 / 13	25.66	25.56	0.360	33.01	-7.45	
		3460.02	-0.10	1 / 25	25.64	25.54	0.358	33.01	-7.47	
		3500.01	-0.10	1 / 25	25.37	25.27	0.337	33.01	-7.74	
		3540.00	-0.10	1 / 25	25.37	25.27	0.337	33.01	-7.74	
		16-QAM	3500.01	-0.10	1 / 25	24.63	24.53	0.284	33.01	-8.48
	QPSK	64-QAM	3540.00	-0.10	1 / 37	23.60	23.50	0.224	33.01	-9.51
		256-QAM	3500.01	-0.10	1 / 13	20.59	20.49	0.112	33.01	-12.52
		3465.00	-0.10	1 / 58	25.53	25.43	0.349	33.01	-7.58	
		3500.01	-0.10	1 / 39	25.70	25.60	0.363	33.01	-7.41	
		3534.99	-0.10	1 / 19	25.70	25.60	0.363	33.01	-7.41	
30 MHz	m/2 BPSK	3465.00	-0.10	1 / 39	25.58	25.48	0.353	33.01	-7.53	
		3500.01	-0.10	1 / 19	25.58	25.48	0.353	33.01	-7.53	
		3534.99	-0.10	1 / 19	25.58	25.48	0.353	33.01	-7.53	
		16-QAM	3534.99	-0.10	1 / 58	24.70	24.60	0.288	33.01	-8.41
		64-QAM	3465.00	-0.10	1 / 39	23.48	23.38	0.218	33.01	-9.63
	QPSK	256-QAM	3500.01	-0.10	1 / 39	20.66	20.56	0.114	33.01	-12.45
		3470.01	-0.10	1 / 26	25.68	25.58	0.361	33.01	-7.43	
		3500.01	-0.10	1 / 79	25.34	25.24	0.334	33.01	-7.77	
		3529.98	-0.10	1 / 26	25.41	25.31	0.340	33.01	-7.70	
		3470.01	-0.10	1 / 79	25.67	25.57	0.361	33.01	-7.44	
40 MHz	m/2 BPSK	3500.01	-0.10	1 / 79	25.70	25.60	0.363	33.01	-7.41	
		3529.98	-0.10	1 / 26	25.67	25.57	0.361	33.01	-7.44	
		16-QAM	3470.01	-0.10	1 / 79	24.61	24.51	0.282	33.01	-8.50
		64-QAM	3529.98	-0.10	1 / 26	23.67	23.57	0.228	33.01	-9.44
		256-QAM	3470.01	-0.10	1 / 79	20.68	20.58	0.114	33.01	-12.43
	QPSK	3475.02	-0.10	1 / 66	25.64	25.54	0.358	33.01	-7.47	
		3500.01	-0.10	1 / 33	25.66	25.56	0.360	33.01	-7.45	
		3525.00	-0.10	1 / 66	25.57	25.47	0.352	33.01	-7.54	
		3475.02	-0.10	1 / 66	25.70	25.60	0.363	33.01	-7.41	
		3500.01	-0.10	1 / 99	25.66	25.56	0.360	33.01	-7.45	
50 MHz	m/2 BPSK	3525.00	-0.10	1 / 33	25.59	25.49	0.354	33.01	-7.52	
		16-QAM	3475.02	-0.10	1 / 66	24.63	24.53	0.284	33.01	-8.48
		64-QAM	3475.02	-0.10	1 / 33	23.69	23.59	0.229	33.01	-9.42
		256-QAM	3525.00	-0.10	1 / 99	20.57	20.47	0.111	33.01	-12.54
		3480.00	-0.10	1 / 40	25.69	25.59	0.362	33.01	-7.42	
	QPSK	3500.01	-0.10	1 / 81	25.64	25.54	0.358	33.01	-7.47	
		3519.99	-0.10	1 / 81	25.70	25.60	0.363	33.01	-7.41	
		3480.00	-0.10	1 / 121	25.57	25.47	0.352	33.01	-7.54	
		3500.01	-0.10	1 / 40	25.45	25.35	0.343	33.01	-7.66	
		3519.99	-0.10	1 / 81	25.62	25.52	0.356	33.01	-7.49	
60 MHz	m/2 BPSK	3519.99	-0.10	1 / 121	24.77	24.67	0.293	33.01	-8.34	
		64-QAM	3519.99	-0.10	1 / 121	23.79	23.69	0.234	33.01	-9.32
		256-QAM	3480.00	-0.10	1 / 121	20.76	20.66	0.116	33.01	-12.35
		3485.01	-0.10	1 / 141	25.70	25.60	0.363	33.01	-7.41	
		3500.01	-0.10	1 / 141	25.66	25.56	0.360	33.01	-7.45	
	QPSK	3514.98	-0.10	1 / 94	25.55	25.45	0.351	33.01	-7.56	
		3485.01	-0.10	1 / 94	25.54	25.44	0.350	33.01	-7.57	
		3500.01	-0.10	1 / 94	25.44	25.34	0.342	33.01	-7.67	
		3514.98	-0.10	1 / 141	25.52	25.42	0.348	33.01	-7.59	
		16-QAM	3485.01	-0.10	1 / 141	24.66	24.56	0.286	33.01	-8.45
70 MHz	m/2 BPSK	64-QAM	3514.98	-0.10	1 / 141	23.68	23.58	0.228	33.01	-9.43
		256-QAM	3514.98	-0.10	1 / 94	20.71	20.61	0.116	33.01	-12.40
		3490.02	-0.10	1 / 162	25.56	25.46	0.352	33.01	-7.55	
		3500.01	-0.10	1 / 162	25.63	25.53	0.357	33.01	-7.48	
		3510.00	-0.10	1 / 162	25.70	25.60	0.363	33.01	-7.41	
	QPSK	3490.02	-0.10	1 / 54	25.47	25.37	0.344	33.01	-7.64	
		3500.01	-0.10	1 / 162	25.46	25.36	0.344	33.01	-7.65	
		3510.00	-0.10	1 / 54	25.47	25.37	0.344	33.01	-7.64	
		16-QAM	3510.00	-0.10	1 / 162	24.57	24.47	0.280	33.01	-8.54
		64-QAM	3490.02	-0.10	1 / 108	23.68	23.58	0.228	33.01	-9.43
80 MHz	m/2 BPSK	256-QAM	3500.01	-0.10	1 / 108	20.69	20.59	0.115	33.01	-12.42
		3495.00	-0.10	1 / 183	25.66	25.56	0.360	33.01	-7.45	
		3500.01	-0.10	1 / 122	25.62	25.52	0.356	33.01	-7.49	
		3504.99	-0.10	1 / 61	25.56	25.46	0.352	33.01	-7.55	
		3495.00	-0.10	1 / 122	25.63	25.53	0.357	33.01	-7.48	
	QPSK	3500.01	-0.10	1 / 122	25.55	25.45	0.351	33.01	-7.56	
		3504.99	-0.10	1 / 61	25.70	25.60	0.363	33.01	-7.41	
		16-QAM	3500.01	-0.10	1 / 122	24.59	24.49	0.281	33.01	-8.52
		64-QAM	3504.99	-0.10	1 / 183	23.67	23.57	0.228	33.01	-9.44
		256-QAM	3504.99	-0.10	1 / 122	20.74	20.64	0.116	33.01	-12.37
90 MHz	m/2 BPSK	3500.01	-0.10	1 / 68	25.64	25.54	0.358	33.01	-7.47	
		3500.01	-0.10	1 / 204	25.65	25.55	0.359	33.01	-7.46	
		3500.01	-0.10	1 / 204	25.70	25.60	0.363	33.01	-7.41	
		3500.01	-0.10	1 / 204	25.41	25.31	0.340	33.01	-7.70	
		3500.01	-0.10	1 / 204	25.55	25.45	0.351	33.01	-7.56	
	QPSK	3500.01	-0.10	1 / 204	25.63	25.53	0.357	33.01	-7.48	
		16-QAM	3500.01	-0.10	1 / 204	24.68	24.58	0.287	33.01	-8.43
		64-QAM	3500.01	-0.10	1 / 204	23.58	23.48	0.223	33.01	-9.53
		256-QAM	3500.01	-0.10	1 / 136	20.68	20.58	0.114	33.01	-12.43
		3500.01	-0.10	1 / 136	20.68	20.58	0.114	33.01	-12.43	

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

FCC ID: BCGA2435		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device		Page 169 of 203

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	m/2 BPSK	3705.00	-0.10	1 / 37	27.37	27.27	0.533	33.01	-5.74
		3840.00	-0.10	1 / 25	27.50	27.40	0.550	33.01	-5.61
		3975.00	-0.10	1 / 13	27.18	27.08	0.511	33.01	-5.93
	QPSK	3705.00	-0.10	1 / 13	27.33	27.23	0.528	33.01	-5.78
		3840.00	-0.10	1 / 13	27.50	27.40	0.550	33.01	-5.61
		3975.00	-0.10	1 / 13	27.28	27.18	0.522	33.01	-5.83
	16-QAM	3975.00	-0.10	1 / 25	26.49	26.39	0.436	33.01	-6.62
	64-QAM	3705.00	-0.10	1 / 13	25.51	25.41	0.348	33.01	-7.60
	256-QAM	3975.00	-0.10	1 / 13	22.51	22.41	0.174	33.01	-10.60
	256-QAM	3975.00	-0.10	1 / 13	22.51	22.41	0.174	33.01	-10.60
15 MHz	m/2 BPSK	3707.51	-0.10	1 / 37	27.48	27.38	0.547	33.01	-5.63
		3840.00	-0.10	1 / 25	27.50	27.40	0.550	33.01	-5.61
		3972.50	-0.10	1 / 37	27.22	27.12	0.515	33.01	-5.89
	QPSK	3707.51	-0.10	1 / 25	27.36	27.26	0.532	33.01	-5.75
		3840.00	-0.10	1 / 13	27.47	27.37	0.546	33.01	-5.64
		3972.50	-0.10	1 / 25	27.44	27.34	0.542	33.01	-5.67
	16-QAM	3707.51	-0.10	1 / 25	26.37	26.27	0.424	33.01	-6.74
	64-QAM	3707.51	-0.10	1 / 13	25.37	25.27	0.337	33.01	-7.74
	256-QAM	3840.00	-0.10	1 / 25	22.49	22.39	0.173	33.01	-10.62
	256-QAM	3840.00	-0.10	1 / 25	22.49	22.39	0.173	33.01	-10.62
20 MHz	m/2 BPSK	3710.01	-0.10	1 / 25	27.36	27.26	0.532	33.01	-5.75
		3840.00	-0.10	1 / 13	27.28	27.18	0.522	33.01	-5.83
		3969.99	-0.10	1 / 37	27.29	27.19	0.524	33.01	-5.82
	QPSK	3710.01	-0.10	1 / 37	27.49	27.39	0.548	33.01	-5.62
		3840.00	-0.10	1 / 13	27.49	27.39	0.548	33.01	-5.62
		3969.99	-0.10	1 / 25	27.50	27.40	0.550	33.01	-5.61
	16-QAM	3840.00	-0.10	1 / 25	26.50	26.40	0.437	33.01	-6.61
	64-QAM	3969.99	-0.10	1 / 13	25.48	25.38	0.345	33.01	-7.63
	256-QAM	3710.01	-0.10	1 / 25	22.42	22.32	0.171	33.01	-10.69
	256-QAM	3710.01	-0.10	1 / 25	22.42	22.32	0.171	33.01	-10.69
30 MHz	m/2 BPSK	3715.02	-0.10	1 / 58	27.50	27.40	0.550	33.01	-5.61
		3840.00	-0.10	1 / 58	27.40	27.30	0.537	33.01	-5.71
		3964.98	-0.10	1 / 58	27.46	27.36	0.545	33.01	-5.65
	QPSK	3715.02	-0.10	1 / 39	27.45	27.35	0.543	33.01	-5.66
		3840.00	-0.10	1 / 58	27.46	27.36	0.545	33.01	-5.65
		3964.98	-0.10	1 / 58	27.36	27.26	0.532	33.01	-5.75
	16-QAM	3840.00	-0.10	1 / 39	26.54	26.44	0.441	33.01	-6.57
	64-QAM	3840.00	-0.10	1 / 19	25.52	25.42	0.348	33.01	-7.59
	256-QAM	3715.02	-0.10	1 / 58	22.51	22.41	0.174	33.01	-10.60
	256-QAM	3715.02	-0.10	1 / 58	22.51	22.41	0.174	33.01	-10.60
40 MHz	m/2 BPSK	3720.00	-0.10	1 / 79	27.43	27.33	0.541	33.01	-5.68
		3840.00	-0.10	1 / 79	27.38	27.28	0.535	33.01	-5.73
		3960.00	-0.10	1 / 79	27.50	27.40	0.550	33.01	-5.61
	QPSK	3720.00	-0.10	1 / 53	27.33	27.23	0.528	33.01	-5.78
		3840.00	-0.10	1 / 26	27.48	27.38	0.547	33.01	-5.63
		3960.00	-0.10	1 / 79	27.35	27.25	0.531	33.01	-5.76
	16-QAM	3840.00	-0.10	1 / 53	26.48	26.38	0.435	33.01	-6.63
	64-QAM	3720.00	-0.10	1 / 79	25.42	25.32	0.340	33.01	-7.69
	256-QAM	3960.00	-0.10	1 / 26	22.48	22.38	0.173	33.01	-10.63
	256-QAM	3960.00	-0.10	1 / 26	22.48	22.38	0.173	33.01	-10.63
50 MHz	m/2 BPSK	3725.01	-0.10	1 / 99	27.42	27.32	0.540	33.01	-5.69
		3840.00	-0.10	1 / 66	27.17	27.07	0.509	33.01	-5.94
		3954.99	-0.10	1 / 66	27.50	27.40	0.550	33.01	-5.61
	QPSK	3725.01	-0.10	1 / 99	27.34	27.24	0.530	33.01	-5.77
		3840.00	-0.10	1 / 33	27.47	27.37	0.546	33.01	-5.64
		3954.99	-0.10	1 / 33	27.35	27.25	0.531	33.01	-5.76
	16-QAM	3840.00	-0.10	1 / 66	26.45	26.35	0.432	33.01	-6.66
	64-QAM	3840.00	-0.10	1 / 33	25.49	25.39	0.346	33.01	-7.62
	256-QAM	3725.01	-0.10	1 / 66	22.49	22.39	0.173	33.01	-10.62
	256-QAM	3725.01	-0.10	1 / 66	22.49	22.39	0.173	33.01	-10.62
60 MHz	m/2 BPSK	3730.02	-0.10	1 / 121	27.50	27.40	0.550	33.01	-5.61
		3840.00	-0.10	1 / 121	27.41	27.31	0.538	33.01	-5.70
		3949.98	-0.10	1 / 40	27.43	27.33	0.541	33.01	-5.68
	QPSK	3730.02	-0.10	1 / 121	27.42	27.32	0.540	33.01	-5.69
		3840.00	-0.10	1 / 81	27.33	27.23	0.528	33.01	-5.78
		3949.98	-0.10	1 / 121	27.23	27.13	0.516	33.01	-5.88
	16-QAM	3949.98	-0.10	1 / 121	26.48	26.38	0.435	33.01	-6.63
	64-QAM	3730.02	-0.10	1 / 81	25.40	25.30	0.339	33.01	-7.71
	256-QAM	3840.00	-0.10	1 / 121	22.47	22.37	0.173	33.01	-10.64
	256-QAM	3840.00	-0.10	1 / 121	22.47	22.37	0.173	33.01	-10.64
70 MHz	m/2 BPSK	3735.00	-0.10	1 / 94	27.46	27.36	0.545	33.01	-5.65
		3840.00	-0.10	1 / 141	27.50	27.40	0.550	33.01	-5.61
		3945.00	-0.10	1 / 47	27.45	27.35	0.543	33.01	-5.66
	QPSK	3735.00	-0.10	1 / 47	27.44	27.34	0.542	33.01	-5.67
		3840.00	-0.10	1 / 141	27.48	27.38	0.547	33.01	-5.63
		3945.00	-0.10	1 / 47	27.43	27.33	0.541	33.01	-5.68
	16-QAM	3840.00	-0.10	1 / 94	26.54	26.44	0.441	33.01	-6.57
	64-QAM	3840.00	-0.10	1 / 47	25.55	25.45	0.351	33.01	-7.56
	256-QAM	3735.00	-0.10	1 / 141	22.48	22.38	0.173	33.01	-10.63
	256-QAM	3735.00	-0.10	1 / 141	22.48	22.38	0.173	33.01	-10.63
80 MHz	m/2 BPSK	3740.01	-0.10	1 / 108	27.50	27.40	0.550	33.01	-5.61
		3840.00	-0.10	1 / 162	27.10	27.00	0.501	33.01	-6.01
		3939.99	-0.10	1 / 162	27.37	27.27	0.533	33.01	-5.74
	QPSK	3740.01	-0.10	1 / 54	27.27	27.17	0.521	33.01	-5.84
		3840.00	-0.10	1 / 162	27.35	27.25	0.531	33.01	-5.76
		3939.99	-0.10	1 / 162	27.30	27.20	0.525	33.01	-5.81
	16-QAM	3840.00	-0.10	1 / 54	26.49	26.39	0.436	33.01	-6.62
	64-QAM	3740.01	-0.10	1 / 54	25.43	25.33	0.341	33.01	-7.68
	256-QAM	3740.01	-0.10	1 / 108	22.49	22.39	0.173	33.01	-10.62
	256-QAM	3740.01	-0.10	1 / 108	22.49	22.39	0.173	33.01	-10.62
90 MHz	m/2 BPSK	3745.02	-0.10	1 / 61	27.19	27.09	0.512	33.01	-5.92
		3840.00	-0.10	1 / 183	27.43	27.33	0.541	33.01	-5.68
		3934.98	-0.10	1 / 61	27.47	27.37	0.546	33.01	-5.64
	QPSK	3745.02	-0.10	1 / 183	27.35	27.25	0.531	33.01	-5.76
		3840.00	-0.10	1 / 183	27.37	27.27	0.533	33.01	-5.74
		3934.98	-0.10	1 / 122	27.50	27.40	0.550	33.01	-5.61
	16-QAM	3934.98	-0.10	1 / 122	26.50	26.40	0.437	33.01	-6.61
	64-QAM	3934.98	-0.10	1 / 122	25.50	25.40	0.347	33.01	-7.61
	256-QAM	3840.00	-0.10	1 / 61	22.39	22.29	0.169	33.01	-10.72
	256-QAM	3840.00	-0.10	1 / 61	22.39	22.29	0.169	33.01	-10.72
100 MHz	m/2 BPSK	3750.00	-0.10	1 / 204	27.38	27.28	0.535	33.01	-5.73
		3840.00	-0.10	1 / 204	27.50	27.40	0.550	33.01	-5.61
		3930.00	-0.10	1 / 136	27.42	27.32	0.540	33.01	-5.69
	QPSK	3750.00	-0.10	1 / 68	27.23	27.13	0.516	33.01	-5.88
		3840.00	-0.10	1 / 136	27.21	27.11	0.514	33.01	-5.90
		3930.00	-0.10	1 / 68	27.36	27.26	0.532	33.01	-5.75
	16-QAM	3840.00	-0.10	1 / 204	26.41	26.31	0.428	33.01	-6.70
	64-QAM	3930.00	-0.10	1 / 68	25.42	25.32	0.340	33.01	-7.69
	256-QAM	3840.00	-0.10	1 / 204	22.42	22.32	0.171	33.01	-10.69
	256-QAM	3840.00	-0.10	1 / 204	22.42	22.32	0.171	33.01	-10.69

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

FCC ID: BCGA2435		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 170 of 203

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	-0.10	1 / 13	25.70	25.60	0.363	33.01	-7.41
		3840.00	-0.10	1 / 25	25.70	25.60	0.363	33.01	-7.41
		3975.00	-0.10	1 / 25	25.50	25.40	0.347	33.01	-7.61
	QPSK	3705.00	-0.10	1 / 13	25.66	25.56	0.360	33.01	-7.45
		3840.00	-0.10	1 / 13	25.39	25.29	0.338	33.01	-7.72
		3975.00	-0.10	1 / 37	25.68	25.58	0.361	33.01	-7.43
	16-QAM	3840.00	-0.10	1 / 25	24.53	24.43	0.277	33.01	-8.58
	64-QAM	3705.00	-0.10	1 / 37	23.63	23.53	0.225	33.01	-9.48
256-QAM	3840.00	-0.10	1 / 13	20.68	20.58	0.114	33.01	-12.43	
15 MHz	π/2 BPSK	3707.51	-0.10	1 / 25	25.69	25.59	0.362	33.01	-7.42
		3840.00	-0.10	1 / 37	25.67	25.57	0.361	33.01	-7.44
		3972.50	-0.10	1 / 13	25.64	25.54	0.358	33.01	-7.47
	QPSK	3707.51	-0.10	1 / 13	25.70	25.60	0.363	33.01	-7.41
		3840.00	-0.10	1 / 25	25.70	25.60	0.363	33.01	-7.41
		3972.50	-0.10	1 / 25	25.50	25.40	0.347	33.01	-7.61
	16-QAM	3840.00	-0.10	1 / 25	24.59	24.49	0.281	33.01	-8.52
	64-QAM	3840.00	-0.10	1 / 25	23.67	23.57	0.228	33.01	-9.44
256-QAM	3840.00	-0.10	1 / 13	20.70	20.60	0.115	33.01	-12.41	
20 MHz	π/2 BPSK	3710.01	-0.10	1 / 25	25.44	25.34	0.342	33.01	-7.67
		3840.00	-0.10	1 / 37	25.44	25.34	0.342	33.01	-7.67
		3969.99	-0.10	1 / 25	25.70	25.60	0.363	33.01	-7.41
	QPSK	3710.01	-0.10	1 / 37	25.57	25.47	0.352	33.01	-7.54
		3840.00	-0.10	1 / 13	25.56	25.46	0.352	33.01	-7.55
		3969.99	-0.10	1 / 25	25.58	25.48	0.353	33.01	-7.53
	16-QAM	3710.01	-0.10	1 / 13	24.62	24.52	0.283	33.01	-8.49
	64-QAM	3710.01	-0.10	1 / 13	23.64	23.54	0.226	33.01	-9.47
256-QAM	3969.99	-0.10	1 / 37	20.70	20.60	0.115	33.01	-12.41	
30 MHz	π/2 BPSK	3715.02	-0.10	1 / 58	25.28	25.18	0.330	33.01	-7.83
		3840.00	-0.10	1 / 39	25.66	25.56	0.360	33.01	-7.45
		3964.98	-0.10	1 / 58	25.43	25.33	0.341	33.01	-7.68
	QPSK	3715.02	-0.10	1 / 58	25.70	25.60	0.363	33.01	-7.41
		3840.00	-0.10	1 / 58	25.52	25.42	0.348	33.01	-7.59
		3964.98	-0.10	1 / 39	25.68	25.58	0.361	33.01	-7.43
	16-QAM	3840.00	-0.10	1 / 39	24.72	24.62	0.290	33.01	-8.39
	64-QAM	3715.02	-0.10	1 / 19	23.73	23.63	0.231	33.01	-9.38
256-QAM	3964.98	-0.10	1 / 58	20.64	20.54	0.113	33.01	-12.47	
40 MHz	π/2 BPSK	3720.00	-0.10	1 / 26	25.58	25.48	0.353	33.01	-7.53
		3840.00	-0.10	1 / 53	25.69	25.59	0.362	33.01	-7.42
		3960.00	-0.10	1 / 26	25.70	25.60	0.363	33.01	-7.41
	QPSK	3720.00	-0.10	1 / 26	25.56	25.46	0.352	33.01	-7.55
		3840.00	-0.10	1 / 26	25.67	25.57	0.361	33.01	-7.44
		3960.00	-0.10	1 / 79	25.56	25.46	0.352	33.01	-7.55
	16-QAM	3960.00	-0.10	1 / 53	24.59	24.49	0.281	33.01	-8.52
	64-QAM	3840.00	-0.10	1 / 53	23.71	23.61	0.230	33.01	-9.40
256-QAM	3720.00	-0.10	1 / 79	20.74	20.64	0.116	33.01	-12.37	
50 MHz	π/2 BPSK	3725.01	-0.10	1 / 66	25.64	25.54	0.358	33.01	-7.47
		3840.00	-0.10	1 / 99	25.61	25.51	0.356	33.01	-7.50
		3954.99	-0.10	1 / 99	25.70	25.60	0.363	33.01	-7.41
	QPSK	3725.01	-0.10	1 / 33	25.34	25.24	0.334	33.01	-7.77
		3840.00	-0.10	1 / 66	25.58	25.48	0.353	33.01	-7.53
		3954.99	-0.10	1 / 99	25.66	25.56	0.360	33.01	-7.45
	16-QAM	3954.99	-0.10	1 / 99	24.64	24.54	0.284	33.01	-8.47
	64-QAM	3954.99	-0.10	1 / 33	23.66	23.56	0.227	33.01	-9.45
256-QAM	3725.01	-0.10	1 / 99	20.64	20.54	0.113	33.01	-12.47	
60 MHz	π/2 BPSK	3730.02	-0.10	1 / 121	25.70	25.60	0.363	33.01	-7.41
		3840.00	-0.10	1 / 81	25.50	25.40	0.347	33.01	-7.61
		3949.98	-0.10	1 / 121	25.68	25.58	0.361	33.01	-7.43
	QPSK	3730.02	-0.10	1 / 40	25.48	25.38	0.345	33.01	-7.63
		3840.00	-0.10	1 / 121	25.56	25.46	0.352	33.01	-7.55
		3949.98	-0.10	1 / 121	25.68	25.58	0.361	33.01	-7.43
	16-QAM	3949.98	-0.10	1 / 81	24.72	24.62	0.290	33.01	-8.39
	64-QAM	3840.00	-0.10	1 / 121	23.71	23.61	0.230	33.01	-9.40
256-QAM	3949.98	-0.10	1 / 81	20.70	20.60	0.115	33.01	-12.41	
70 MHz	π/2 BPSK	3735.00	-0.10	1 / 47	25.52	25.42	0.348	33.01	-7.59
		3840.00	-0.10	1 / 94	25.61	25.51	0.356	33.01	-7.50
		3945.00	-0.10	1 / 94	25.70	25.60	0.363	33.01	-7.41
	QPSK	3735.00	-0.10	1 / 141	25.66	25.56	0.360	33.01	-7.45
		3840.00	-0.10	1 / 47	25.61	25.51	0.356	33.01	-7.50
		3945.00	-0.10	1 / 47	25.54	25.44	0.350	33.01	-7.57
	16-QAM	3735.00	-0.10	1 / 141	24.71	24.61	0.289	33.01	-8.40
	64-QAM	3735.00	-0.10	1 / 47	23.69	23.59	0.229	33.01	-9.42
256-QAM	3735.00	-0.10	1 / 94	20.68	20.58	0.114	33.01	-12.43	
256-QAM	3945.00	-0.10	1 / 141	20.68	20.58	0.114	33.01	-12.43	
80 MHz	π/2 BPSK	3740.01	-0.10	1 / 108	25.70	25.60	0.363	33.01	-7.41
		3840.00	-0.10	1 / 162	25.65	25.55	0.359	33.01	-7.46
		3939.99	-0.10	1 / 54	25.63	25.53	0.357	33.01	-7.48
	QPSK	3740.01	-0.10	1 / 108	25.70	25.60	0.363	33.01	-7.41
		3840.00	-0.10	1 / 108	25.64	25.54	0.358	33.01	-7.47
		3939.99	-0.10	1 / 162	25.62	25.52	0.356	33.01	-7.49
	16-QAM	3840.00	-0.10	1 / 54	24.70	24.60	0.288	33.01	-8.41
	64-QAM	3939.99	-0.10	1 / 108	23.74	23.64	0.231	33.01	-9.37
256-QAM	3740.01	-0.10	1 / 108	20.70	20.60	0.115	33.01	-12.41	
90 MHz	π/2 BPSK	3745.02	-0.10	1 / 61	25.41	25.31	0.340	33.01	-7.70
		3840.00	-0.10	1 / 122	25.53	25.43	0.349	33.01	-7.58
		3934.98	-0.10	1 / 122	25.50	25.40	0.347	33.01	-7.61
	QPSK	3745.02	-0.10	1 / 183	25.51	25.41	0.348	33.01	-7.60
		3840.00	-0.10	1 / 183	25.52	25.42	0.348	33.01	-7.59
		3934.98	-0.10	1 / 122	25.70	25.60	0.363	33.01	-7.41
	16-QAM	3934.98	-0.10	1 / 61	24.65	24.55	0.285	33.01	-8.46
	64-QAM	3934.98	-0.10	1 / 183	23.68	23.58	0.228	33.01	-9.43
256-QAM	3934.98	-0.10	1 / 122	20.64	20.54	0.113	33.01	-12.47	
100 MHz	π/2 BPSK	3750.00	-0.10	1 / 204	25.52	25.42	0.348	33.01	-7.59
		3840.00	-0.10	1 / 68	25.65	25.55	0.359	33.01	-7.46
		3930.00	-0.10	1 / 136	25.65	25.55	0.359	33.01	-7.46
	QPSK	3750.00	-0.10	1 / 68	25.59	25.49	0.354	33.01	-7.52
		3840.00	-0.10	1 / 68	25.39	25.29	0.338	33.01	-7.72
		3930.00	-0.10	1 / 68	25.70	25.60	0.363	33.01	-7.41
	16-QAM	3750.00	-0.10	1 / 136	24.67	24.57	0.286	33.01	-8.44
	64-QAM	3930.00	-0.10	1 / 68	23.57	23.47	0.222	33.01	-9.54
256-QAM	3930.00	-0.10	1 / 68	20.70	20.60	0.115	33.01	-12.41	

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	-0.60	1 / 6	23.46	22.86	0.193	33.01	-10.15	
		3500.01	-0.60	1 / 17	23.41	22.81	0.191	33.01	-10.20	
		3544.98	-0.60	1 / 12	23.39	22.79	0.190	33.01	-10.22	
		3455.01	-0.60	1 / 17	23.38	22.78	0.190	33.01	-10.23	
		3500.01	-0.60	1 / 12	23.50	22.90	0.195	33.01	-10.11	
	QPSK	3544.98	-0.60	1 / 17	23.19	22.59	0.182	33.01	-10.42	
		16-QAM	3500.01	-0.60	1 / 12	22.49	21.89	0.155	33.01	-11.12
		64-QAM	3544.98	-0.60	1 / 17	21.43	20.83	0.121	33.01	-12.18
		256-QAM	3544.98	-0.60	1 / 17	18.50	17.90	0.062	33.01	-15.11
		3457.50	-0.60	1 / 28	23.41	22.81	0.191	33.01	-10.20	
15 MHz	π/2 BPSK	3500.01	-0.60	1 / 19	23.36	22.76	0.189	33.01	-10.25	
		3542.49	-0.60	1 / 28	23.49	22.89	0.195	33.01	-10.12	
		3457.50	-0.60	1 / 9	23.42	22.82	0.191	33.01	-10.19	
		3500.01	-0.60	1 / 19	23.30	22.70	0.186	33.01	-10.31	
		3542.49	-0.60	1 / 28	23.50	22.90	0.195	33.01	-10.11	
	QPSK	16-QAM	3542.49	-0.60	1 / 9	22.47	21.87	0.154	33.01	-11.14
		64-QAM	3500.01	-0.60	1 / 28	21.42	20.82	0.121	33.01	-12.19
		256-QAM	3542.49	-0.60	1 / 28	18.45	17.85	0.061	33.01	-15.16
		3460.02	-0.60	1 / 37	23.25	22.65	0.184	33.01	-10.36	
		3500.01	-0.60	1 / 37	23.20	22.60	0.182	33.01	-10.41	
20 MHz	π/2 BPSK	3540.00	-0.60	1 / 13	23.48	22.88	0.194	33.01	-10.13	
		3460.02	-0.60	1 / 37	23.45	22.85	0.193	33.01	-10.16	
		3500.01	-0.60	1 / 37	23.50	22.90	0.195	33.01	-10.11	
		3540.00	-0.60	1 / 25	23.46	22.86	0.193	33.01	-10.15	
		16-QAM	3500.01	-0.60	1 / 25	22.60	22.00	0.158	33.01	-11.01
	QPSK	64-QAM	3460.02	-0.60	1 / 13	21.57	20.97	0.125	33.01	-12.04
		256-QAM	3540.00	-0.60	1 / 13	18.60	18.00	0.063	33.01	-15.01
		3465.00	-0.60	1 / 19	23.20	22.60	0.182	33.01	-10.41	
		3534.99	-0.60	1 / 39	23.27	22.67	0.185	33.01	-10.34	
		3465.00	-0.60	1 / 39	23.45	22.85	0.193	33.01	-10.16	
30 MHz	π/2 BPSK	3500.01	-0.60	1 / 19	23.50	22.90	0.195	33.01	-10.11	
		3534.99	-0.60	1 / 19	23.44	22.84	0.192	33.01	-10.17	
		16-QAM	3500.01	-0.60	1 / 39	22.50	21.90	0.155	33.01	-11.11
		64-QAM	3534.99	-0.60	1 / 19	21.47	20.87	0.122	33.01	-12.14
		256-QAM	3500.01	-0.60	1 / 39	18.46	17.86	0.061	33.01	-15.15
	QPSK	3470.01	-0.60	1 / 53	23.50	22.90	0.195	33.01	-10.11	
		3500.01	-0.60	1 / 53	23.22	22.62	0.183	33.01	-10.39	
		3529.98	-0.60	1 / 53	23.42	22.82	0.191	33.01	-10.19	
		3470.01	-0.60	1 / 26	23.40	22.80	0.191	33.01	-10.21	
		3500.01	-0.60	1 / 79	23.45	22.85	0.193	33.01	-10.15	
40 MHz	π/2 BPSK	3529.98	-0.60	1 / 79	23.42	22.82	0.191	33.01	-10.19	
		3500.01	-0.60	1 / 79	22.50	21.90	0.155	33.01	-11.11	
		16-QAM	3500.01	-0.60	1 / 79	21.41	20.81	0.121	33.01	-12.20
		64-QAM	3529.98	-0.60	1 / 53	18.50	17.90	0.062	33.01	-15.11
		256-QAM	3475.02	-0.60	1 / 66	23.31	22.71	0.187	33.01	-10.30
	QPSK	3500.01	-0.60	1 / 66	23.50	22.90	0.195	33.01	-10.11	
		3525.00	-0.60	1 / 66	23.40	22.80	0.191	33.01	-10.21	
		3475.02	-0.60	1 / 66	23.21	22.61	0.182	33.01	-10.40	
		3500.01	-0.60	1 / 66	23.49	22.89	0.195	33.01	-10.12	
		3525.00	-0.60	1 / 99	23.12	22.52	0.179	33.01	-10.49	
50 MHz	π/2 BPSK	3475.02	-0.60	1 / 99	22.44	21.84	0.153	33.01	-11.17	
		64-QAM	3500.01	-0.60	1 / 66	21.46	20.86	0.122	33.01	-12.15
		256-QAM	3475.02	-0.60	1 / 99	18.44	17.84	0.061	33.01	-15.17
		3480.00	-0.60	1 / 81	23.40	22.80	0.191	33.01	-10.21	
		3500.01	-0.60	1 / 81	23.50	22.90	0.195	33.01	-10.11	
	QPSK	3519.99	-0.60	1 / 40	23.26	22.66	0.185	33.01	-10.35	
		3480.00	-0.60	1 / 40	23.25	22.65	0.184	33.01	-10.36	
		3500.01	-0.60	1 / 121	23.34	22.74	0.188	33.01	-10.27	
		16-QAM	3519.99	-0.60	1 / 81	23.45	22.85	0.193	33.01	-10.16
		3519.99	-0.60	1 / 40	22.30	21.70	0.148	33.01	-11.31	
60 MHz	π/2 BPSK	3480.00	-0.60	1 / 81	21.39	20.79	0.120	33.01	-12.22	
		256-QAM	3480.00	-0.60	1 / 121	18.48	17.88	0.061	33.01	-15.13
		3485.01	-0.60	1 / 47	23.48	22.88	0.194	33.01	-10.13	
		3500.01	-0.60	1 / 94	23.37	22.77	0.189	33.01	-10.24	
		3514.98	-0.60	1 / 141	23.20	22.60	0.182	33.01	-10.41	
	QPSK	3485.01	-0.60	1 / 94	23.50	22.90	0.195	33.01	-10.11	
		3500.01	-0.60	1 / 141	23.28	22.68	0.185	33.01	-10.33	
		16-QAM	3514.98	-0.60	1 / 47	23.29	22.69	0.186	33.01	-10.32
		64-QAM	3514.98	-0.60	1 / 47	22.50	21.90	0.155	33.01	-11.11
		256-QAM	3500.01	-0.60	1 / 94	21.50	20.90	0.123	33.01	-12.11
70 MHz	π/2 BPSK	3514.98	-0.60	1 / 94	18.51	17.91	0.062	33.01	-15.10	
		3490.02	-0.60	1 / 162	23.35	22.75	0.188	33.01	-10.26	
		3500.01	-0.60	1 / 108	23.18	22.58	0.181	33.01	-10.43	
		3510.00	-0.60	1 / 54	23.45	22.85	0.193	33.01	-10.16	
		3490.02	-0.60	1 / 162	23.47	22.87	0.194	33.01	-10.14	
	QPSK	3500.01	-0.60	1 / 54	23.50	22.90	0.195	33.01	-10.11	
		16-QAM	3510.00	-0.60	1 / 108	23.30	22.70	0.186	33.01	-10.31
		64-QAM	3500.01	-0.60	1 / 162	22.35	21.75	0.150	33.01	-11.26
		256-QAM	3510.00	-0.60	1 / 108	21.50	20.90	0.123	33.01	-12.11
		3510.00	-0.60	1 / 108	18.51	17.91	0.062	33.01	-15.10	
80 MHz	π/2 BPSK	3495.00	-0.60	1 / 61	23.50	22.90	0.195	33.01	-10.11	
		3500.01	-0.60	1 / 183	23.18	22.58	0.181	33.01	-10.43	
		3504.99	-0.60	1 / 183	23.41	22.81	0.191	33.01	-10.20	
		3495.00	-0.60	1 / 122	23.46	22.86	0.193	33.01	-10.15	
		3500.01	-0.60	1 / 61	23.50	22.90	0.195	33.01	-10.11	
	QPSK	3504.99	-0.60	1 / 61	23.24	22.64	0.184	33.01	-10.37	
		16-QAM	3504.99	-0.60	1 / 183	22.48	21.88	0.154	33.01	-11.13
		64-QAM	3504.99	-0.60	1 / 122	21.39	20.79	0.120	33.01	-12.22
		256-QAM	3495.00	-0.60	1 / 183	18.50	17.90	0.062	33.01	-15.11
		3500.01	-0.60	1 / 204	23.32	22.72	0.187	33.01	-10.29	
100 MHz	π/2 BPSK	3500.01	-0.60	1 / 68	23.07	22.47	0.177	33.01	-10.54	
		3500.01	-0.60	1 / 136	23.31	22.71	0.187	33.01	-10.30	
		3500.01	-0.60	1 / 136	23.50	22.90	0.195	33.01	-10.11	
		3500.01	-0.60	1 / 136	23.20	22.60	0.182	33.01	-10.41	
		16-QAM	3500.01	-0.60	1 / 204	23.42	22.82	0.191	33.01	-10.19
	QPSK	64-QAM	3500.01	-0.60	1 / 136	22.49	21.89	0.155	33.01	-11.12
		256-QAM	3500.01	-0.60	1 / 68	21.50	20.90	0.123	33.01	-12.11
		3500.01	-0.60	1 / 204	18.37	17.77	0.060	33.01	-15.24	

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

FCC ID: BCGA2435		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 172 of 203

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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	3455.01	-0.60	1 / 17	23.38	22.78	0.190	33.01	-10.23
		3500.01	-0.60	1 / 12	23.36	22.76	0.189	33.01	-10.25
		3544.98	-0.60	1 / 17	23.50	22.90	0.195	33.01	-10.11
	QPSK	3455.01	-0.60	1 / 17	23.26	22.66	0.185	33.01	-10.35
		3500.01	-0.60	1 / 6	23.49	22.89	0.195	33.01	-10.12
		3544.98	-0.60	1 / 6	23.50	22.90	0.195	33.01	-10.11
	16-QAM	3455.01	-0.60	1 / 12	22.51	21.91	0.155	33.01	-11.10
	64-QAM	3544.98	-0.60	1 / 17	21.49	20.89	0.123	33.01	-12.12
	256-QAM	3455.01	-0.60	1 / 17	18.47	17.87	0.061	33.01	-15.14
15 MHz	π/2 BPSK	3457.50	-0.60	1 / 9	23.30	22.70	0.186	33.01	-10.31
		3500.01	-0.60	1 / 9	23.42	22.82	0.191	33.01	-10.19
		3542.49	-0.60	1 / 9	23.47	22.87	0.194	33.01	-10.14
	QPSK	3457.50	-0.60	1 / 9	23.38	22.78	0.190	33.01	-10.23
		3500.01	-0.60	1 / 28	23.50	22.90	0.195	33.01	-10.11
		3542.49	-0.60	1 / 19	23.32	22.72	0.187	33.01	-10.29
	16-QAM	3500.01	-0.60	1 / 28	22.49	21.89	0.155	33.01	-11.12
	64-QAM	3500.01	-0.60	1 / 19	21.43	20.83	0.121	33.01	-12.18
	256-QAM	3500.01	-0.60	1 / 9	18.52	17.92	0.062	33.01	-15.09
20 MHz	π/2 BPSK	3460.02	-0.60	1 / 13	23.36	22.76	0.189	33.01	-10.25
		3500.01	-0.60	1 / 25	23.29	22.69	0.186	33.01	-10.32
		3540.00	-0.60	1 / 25	23.50	22.90	0.195	33.01	-10.11
	QPSK	3460.02	-0.60	1 / 25	23.49	22.89	0.195	33.01	-10.12
		3500.01	-0.60	1 / 37	23.29	22.69	0.186	33.01	-10.32
		3540.00	-0.60	1 / 37	23.36	22.76	0.189	33.01	-10.25
	16-QAM	3540.00	-0.60	1 / 37	22.47	21.87	0.154	33.01	-11.14
	64-QAM	3500.01	-0.60	1 / 13	21.45	20.85	0.122	33.01	-12.16
	256-QAM	3500.01	-0.60	1 / 13	18.47	17.87	0.061	33.01	-15.14
30 MHz	π/2 BPSK	3465.00	-0.60	1 / 58	23.24	22.64	0.184	33.01	-10.37
		3500.01	-0.60	1 / 39	23.28	22.68	0.185	33.01	-10.33
		3534.99	-0.60	1 / 39	23.27	22.67	0.185	33.01	-10.34
	QPSK	3465.00	-0.60	1 / 19	23.50	22.90	0.195	33.01	-10.11
		3500.01	-0.60	1 / 58	23.35	22.75	0.188	33.01	-10.26
		3534.99	-0.60	1 / 19	23.39	22.79	0.190	33.01	-10.22
	16-QAM	3465.00	-0.60	1 / 19	22.49	21.89	0.155	33.01	-11.12
	64-QAM	3465.00	-0.60	1 / 58	21.49	20.89	0.123	33.01	-12.12
	256-QAM	3534.99	-0.60	1 / 39	18.49	17.89	0.062	33.01	-15.12
40 MHz	π/2 BPSK	3470.01	-0.60	1 / 79	23.44	22.84	0.192	33.01	-10.17
		3500.01	-0.60	1 / 79	23.27	22.67	0.185	33.01	-10.34
		3529.98	-0.60	1 / 26	23.38	22.78	0.190	33.01	-10.23
	QPSK	3470.01	-0.60	1 / 53	23.29	22.69	0.186	33.01	-10.32
		3500.01	-0.60	1 / 79	23.50	22.90	0.195	33.01	-10.11
		3529.98	-0.60	1 / 79	23.50	22.90	0.195	33.01	-10.11
	16-QAM	3500.01	-0.60	1 / 53	22.47	21.87	0.154	33.01	-11.14
	64-QAM	3470.01	-0.60	1 / 79	21.51	20.91	0.123	33.01	-12.10
	256-QAM	3529.98	-0.60	1 / 53	18.38	17.78	0.060	33.01	-15.23
50 MHz	π/2 BPSK	3475.02	-0.60	1 / 99	23.50	22.90	0.195	33.01	-10.11
		3500.01	-0.60	1 / 99	23.41	22.81	0.191	33.01	-10.20
		3525.00	-0.60	1 / 66	23.31	22.71	0.187	33.01	-10.30
	QPSK	3475.02	-0.60	1 / 66	23.13	22.53	0.179	33.01	-10.48
		3500.01	-0.60	1 / 66	23.42	22.82	0.191	33.01	-10.19
		3525.00	-0.60	1 / 99	23.23	22.63	0.183	33.01	-10.38
	16-QAM	3475.02	-0.60	1 / 99	22.51	21.91	0.155	33.01	-11.10
	64-QAM	3525.00	-0.60	1 / 99	21.38	20.78	0.120	33.01	-12.23
	256-QAM	3500.01	-0.60	1 / 33	18.52	17.92	0.062	33.01	-15.09
60 MHz	π/2 BPSK	3480.00	-0.60	1 / 81	23.44	22.84	0.192	33.01	-10.17
		3500.01	-0.60	1 / 121	23.27	22.67	0.185	33.01	-10.34
		3519.99	-0.60	1 / 40	23.50	22.90	0.195	33.01	-10.11
	QPSK	3480.00	-0.60	1 / 40	23.47	22.87	0.194	33.01	-10.14
		3500.01	-0.60	1 / 121	23.46	22.86	0.193	33.01	-10.15
		3519.99	-0.60	1 / 40	23.47	22.87	0.194	33.01	-10.14
	16-QAM	3500.01	-0.60	1 / 81	22.44	21.84	0.153	33.01	-11.17
	64-QAM	3500.01	-0.60	1 / 81	21.51	20.91	0.123	33.01	-12.10
	256-QAM	3500.01	-0.60	1 / 81	18.50	17.90	0.062	33.01	-15.11
70 MHz	π/2 BPSK	3485.01	-0.60	1 / 141	23.50	22.90	0.195	33.01	-10.11
		3500.01	-0.60	1 / 141	23.39	22.79	0.190	33.01	-10.22
		3514.98	-0.60	1 / 47	23.13	22.53	0.179	33.01	-10.48
	QPSK	3485.01	-0.60	1 / 141	23.30	22.70	0.186	33.01	-10.31
		3500.01	-0.60	1 / 94	23.43	22.83	0.192	33.01	-10.18
		3514.98	-0.60	1 / 141	23.16	22.56	0.180	33.01	-10.45
	16-QAM	3500.01	-0.60	1 / 94	22.48	21.88	0.154	33.01	-11.13
	64-QAM	3485.01	-0.60	1 / 94	21.49	20.89	0.123	33.01	-12.12
	256-QAM	3500.01	-0.60	1 / 141	18.50	17.90	0.062	33.01	-15.11
80 MHz	π/2 BPSK	3490.02	-0.60	1 / 54	23.43	22.83	0.192	33.01	-10.18
		3500.01	-0.60	1 / 108	23.23	22.63	0.183	33.01	-10.38
		3510.00	-0.60	1 / 108	23.50	22.90	0.195	33.01	-10.11
	QPSK	3490.02	-0.60	1 / 54	23.18	22.58	0.181	33.01	-10.43
		3500.01	-0.60	1 / 108	23.29	22.69	0.186	33.01	-10.32
		3510.00	-0.60	1 / 54	23.25	22.65	0.184	33.01	-10.36
	16-QAM	3500.01	-0.60	1 / 108	22.48	21.88	0.154	33.01	-11.13
	64-QAM	3510.00	-0.60	1 / 162	21.51	20.91	0.123	33.01	-12.10
	256-QAM	3510.00	-0.60	1 / 108	18.43	17.83	0.061	33.01	-15.18
90 MHz	π/2 BPSK	3495.00	-0.60	1 / 61	23.25	22.65	0.184	33.01	-10.36
		3500.01	-0.60	1 / 122	23.32	22.72	0.187	33.01	-10.29
		3504.99	-0.60	1 / 183	23.12	22.52	0.179	33.01	-10.49
	QPSK	3495.00	-0.60	1 / 122	23.47	22.87	0.194	33.01	-10.14
		3500.01	-0.60	1 / 122	23.50	22.90	0.195	33.01	-10.11
		3504.99	-0.60	1 / 183	23.49	22.89	0.195	33.01	-10.12
	16-QAM	3504.99	-0.60	1 / 122	22.49	21.89	0.155	33.01	-11.12
	64-QAM	3504.99	-0.60	1 / 183	21.52	20.92	0.124	33.01	-12.09
	256-QAM	3495.00	-0.60	1 / 122	18.55	17.95	0.062	33.01	-15.06
100 MHz	π/2 BPSK	3500.01	-0.60	1 / 68	23.44	22.84	0.192	33.01	-10.17
		3500.01	-0.60	1 / 136	23.50	22.90	0.195	33.01	-10.11
		3500.01	-0.60	1 / 68	23.44	22.84	0.192	33.01	-10.17
	QPSK	3500.01	-0.60	1 / 204	23.30	22.70	0.186	33.01	-10.31
		3500.01	-0.60	1 / 68	23.39	22.79	0.190	33.01	-10.22
		3500.01	-0.60	1 / 68	23.25	22.65	0.184	33.01	-10.36
	16-QAM	3500.01	-0.60	1 / 68	22.49	21.89	0.155	33.01	-11.12
	64-QAM	3500.01	-0.60	1 / 68	21.49	20.89	0.123	33.01	-12.12
	256-QAM	3500.01	-0.60	1 / 204	18.47	17.87	0.061	33.01	-15.14

Table 7-7. Antenna 1 EIRP Data (NR Band n77 (PC3) – DoD Band)

FCC ID: BCGA2435		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2205090025-05.BCG	Test Dates: 6/7/2022 - 9/1/2022	EUT Type: Tablet Device	Page 173 of 203

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