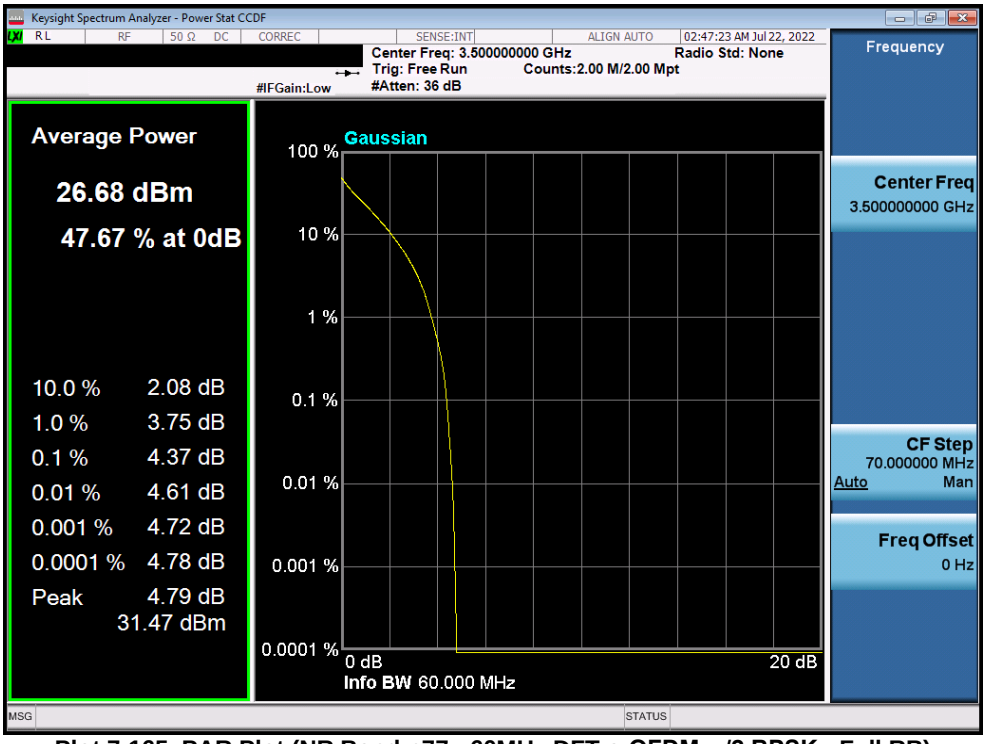
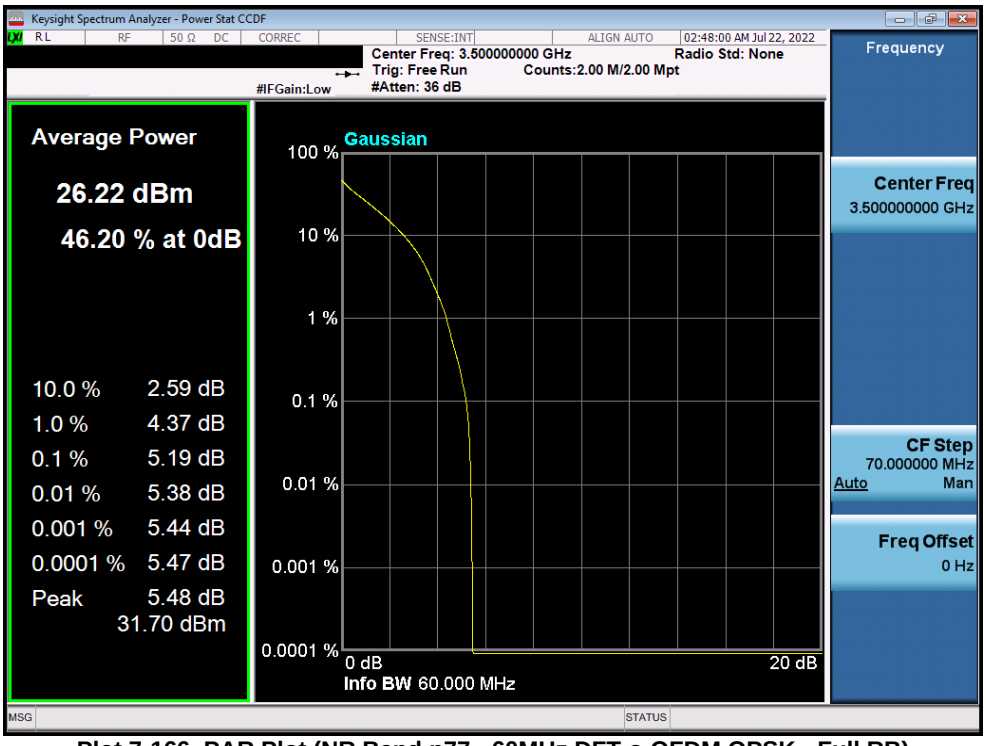
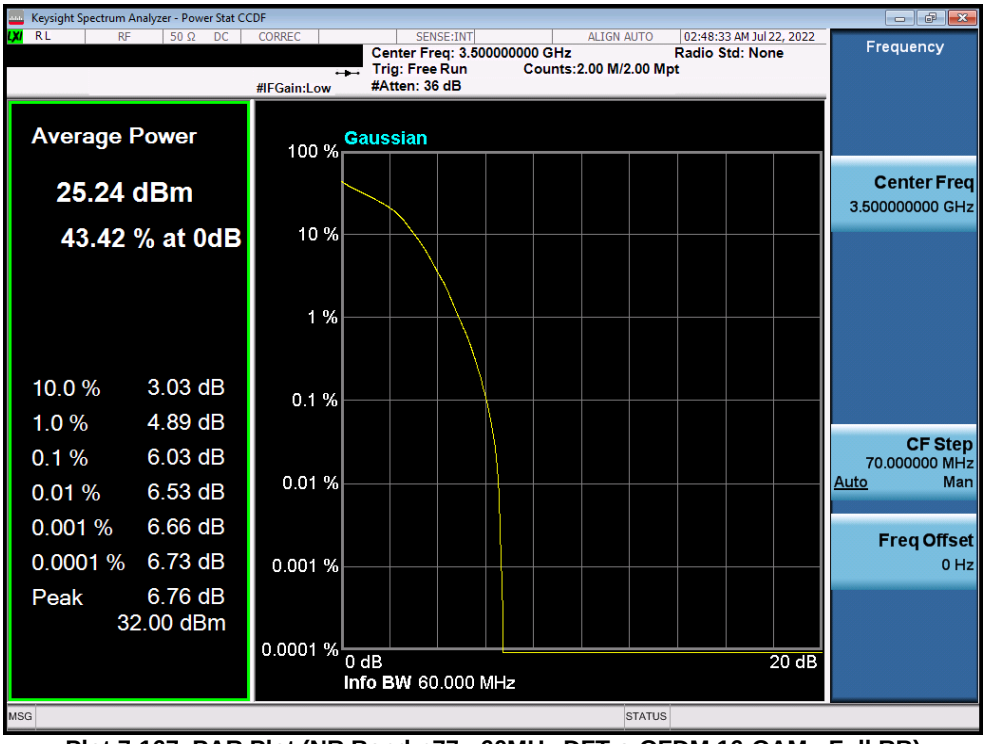


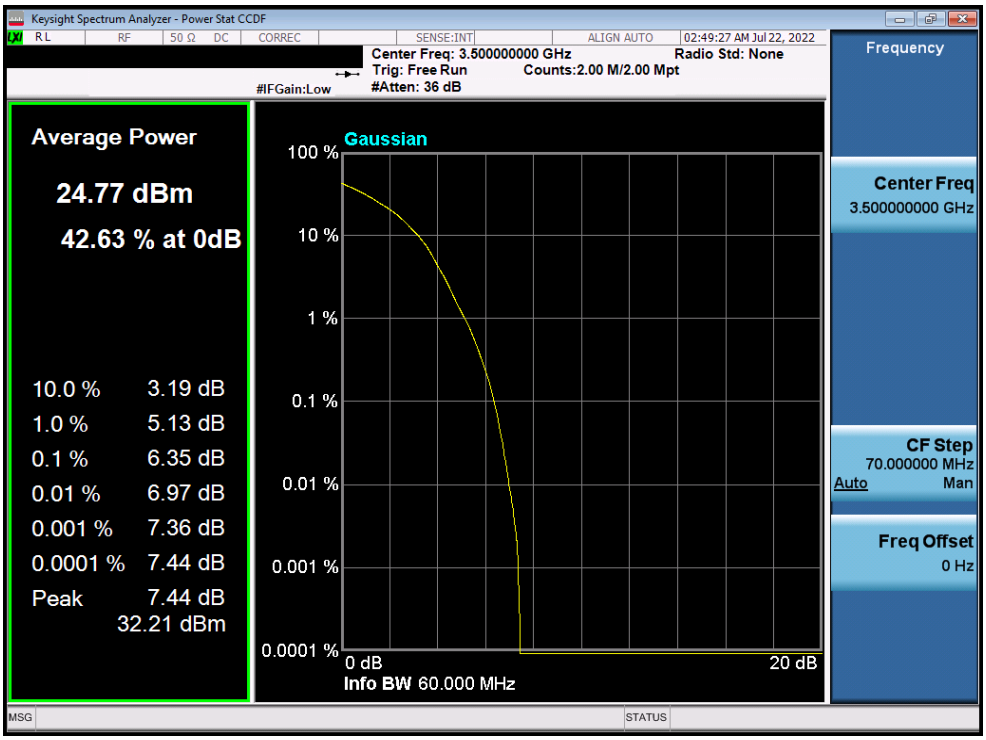
Plot 7-165. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM π/2 BPSK - Full RB)



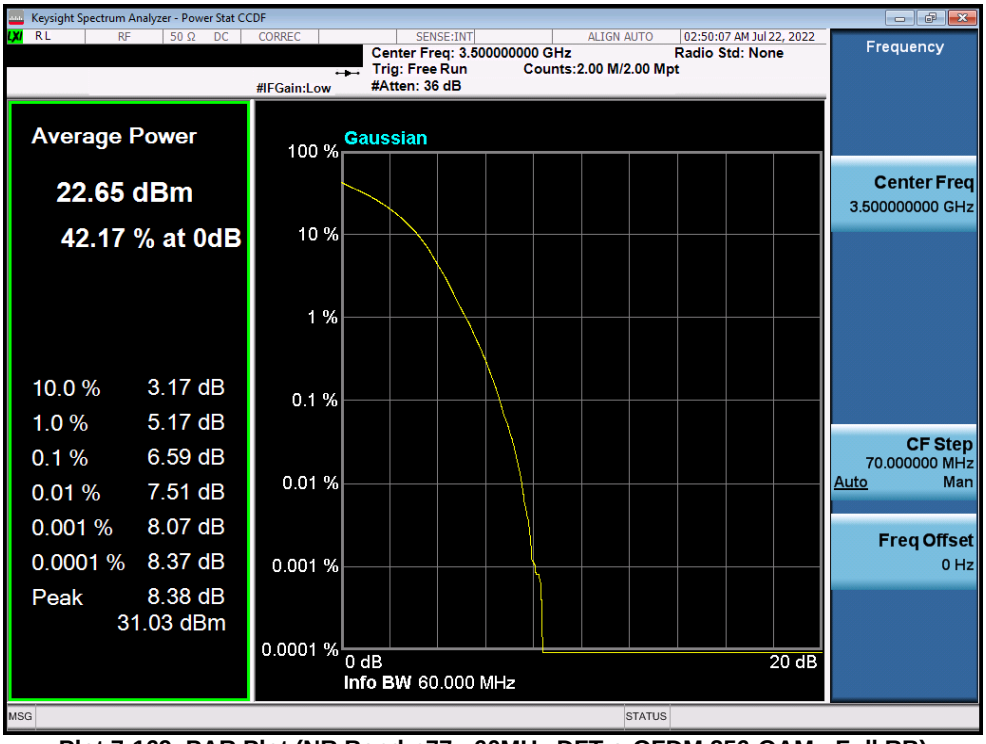
Plot 7-166. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM QPSK - Full RB)



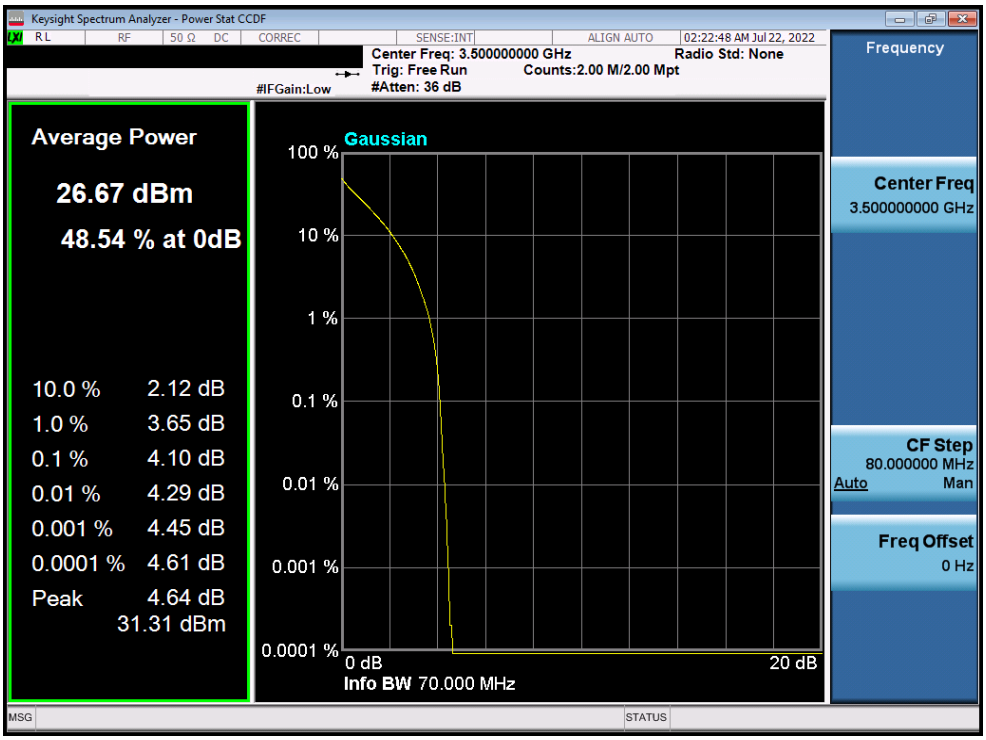
Plot 7-167. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 16-QAM - Full RB)



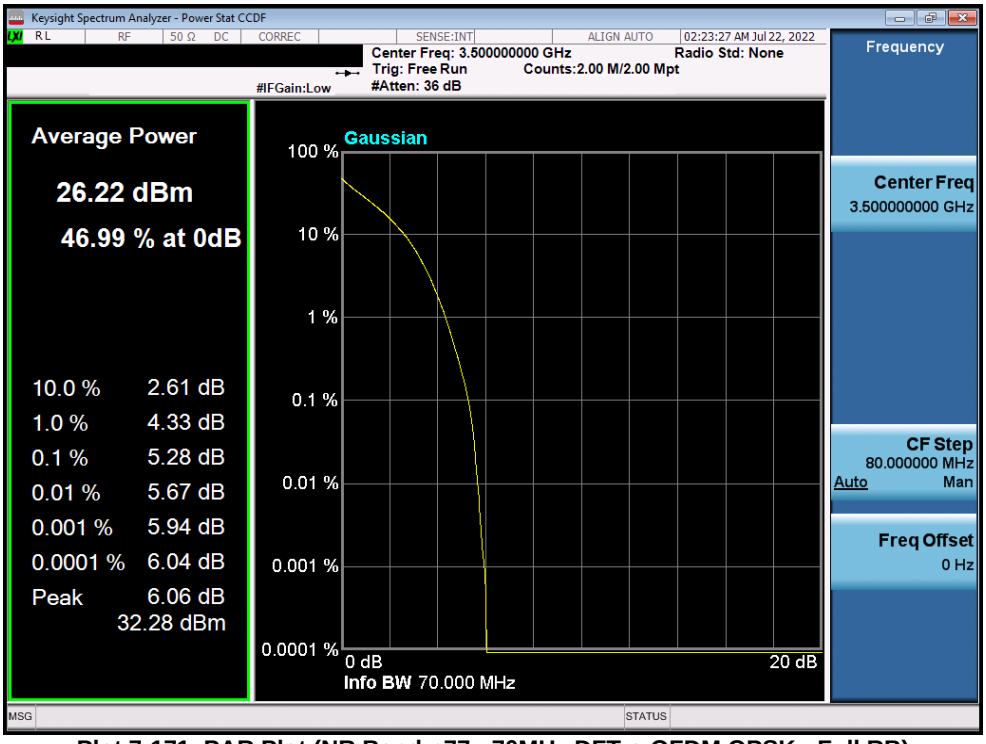
Plot 7-168. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 64-QAM - Full RB)



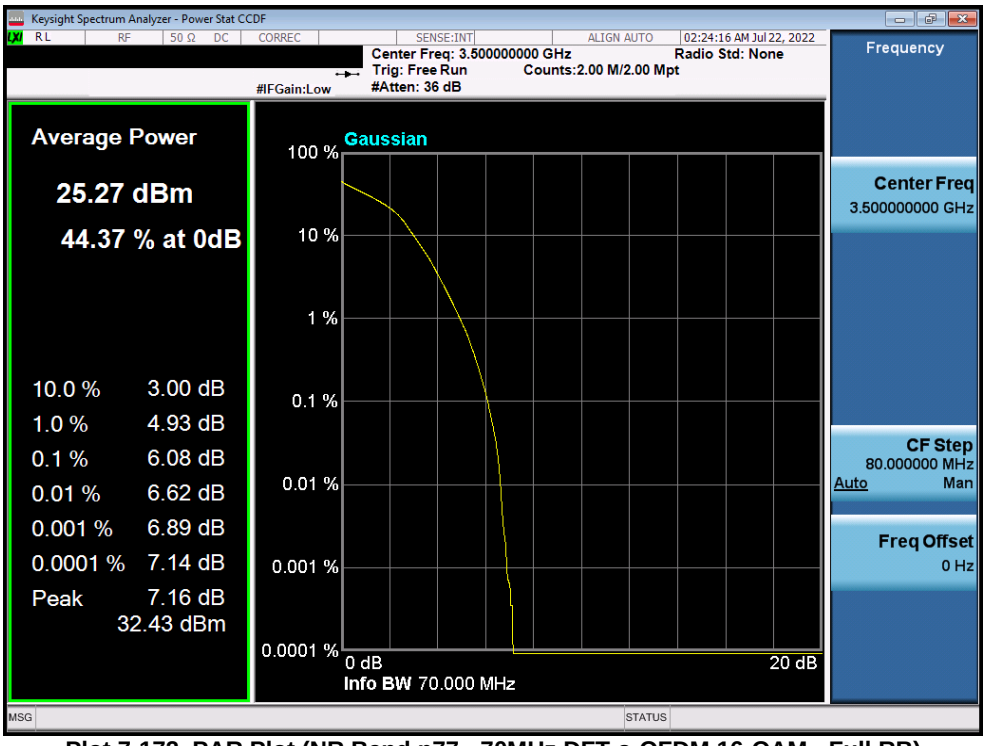
Plot 7-169. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 256-QAM - Full RB)



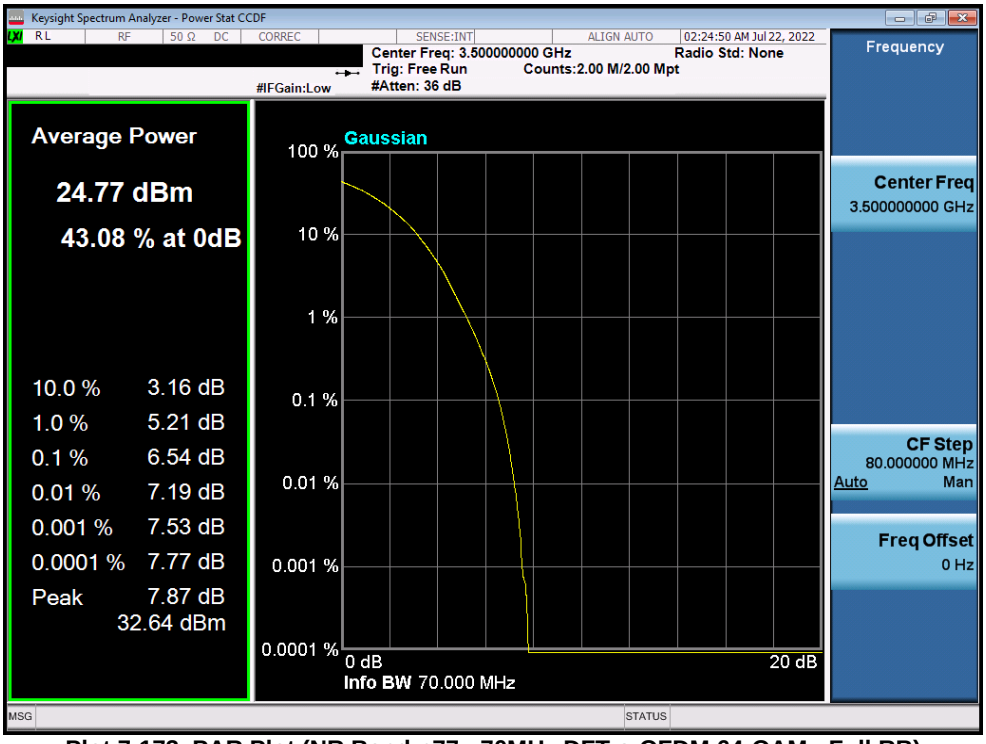
Plot 7-170. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM π/2 BPSK - Full RB)



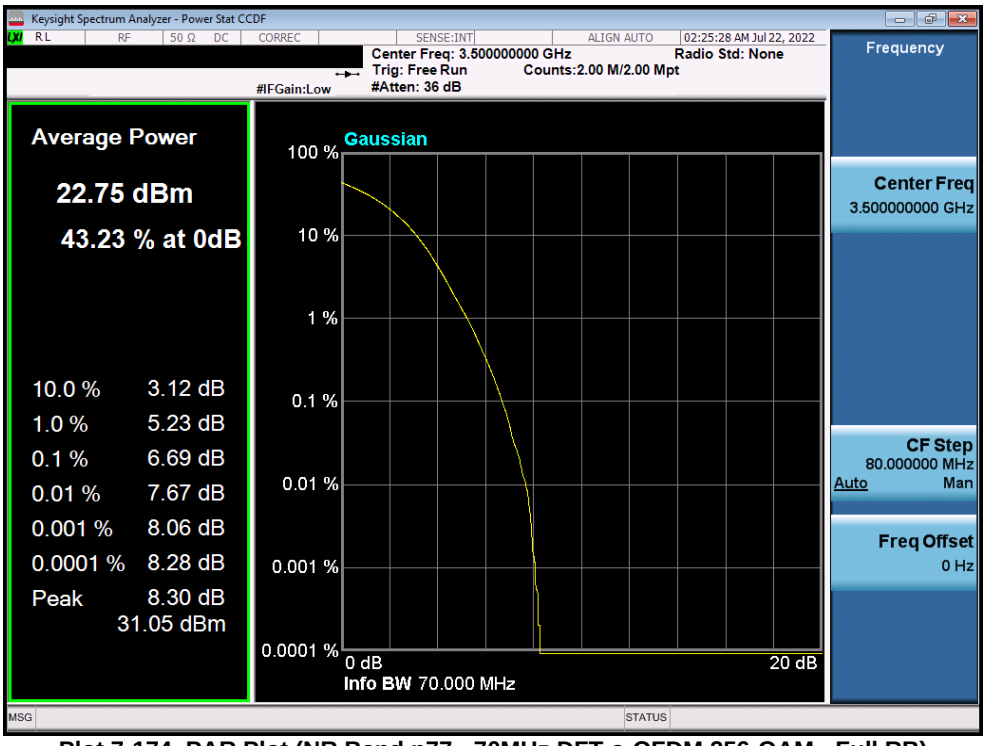
Plot 7-171. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)



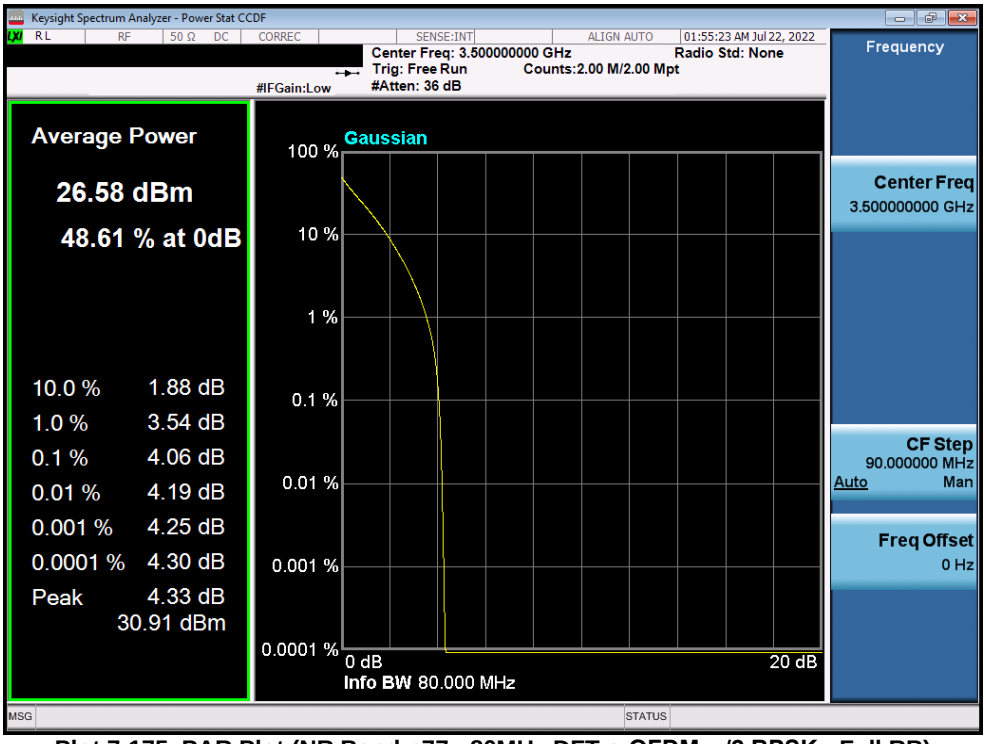
Plot 7-172. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)



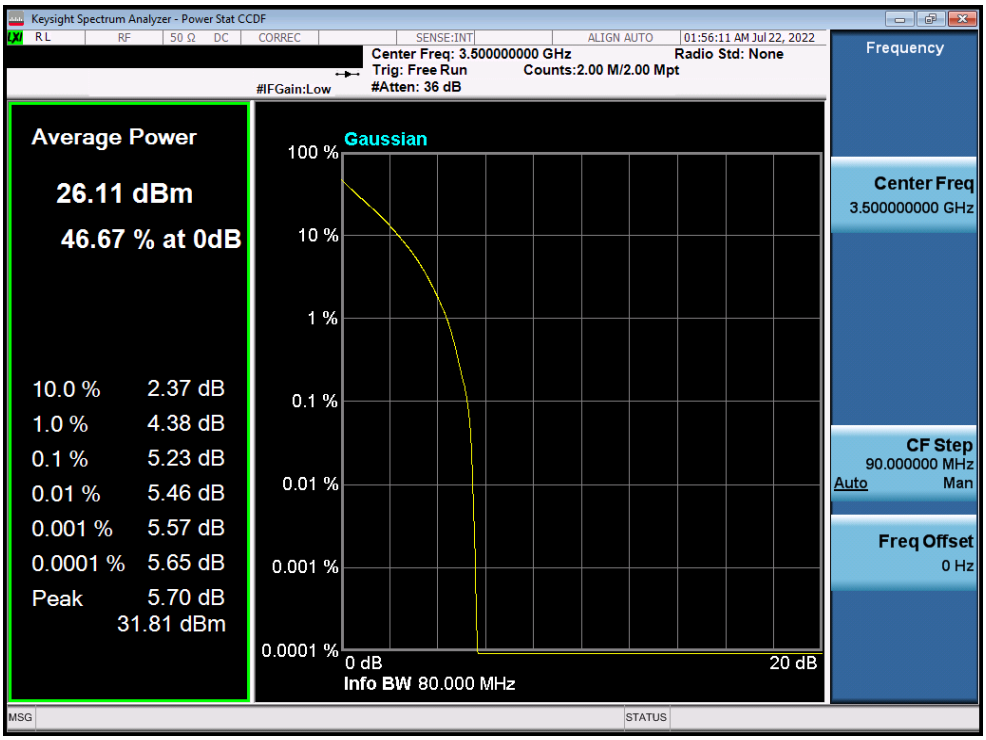
Plot 7-173. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 64-QAM - Full RB)



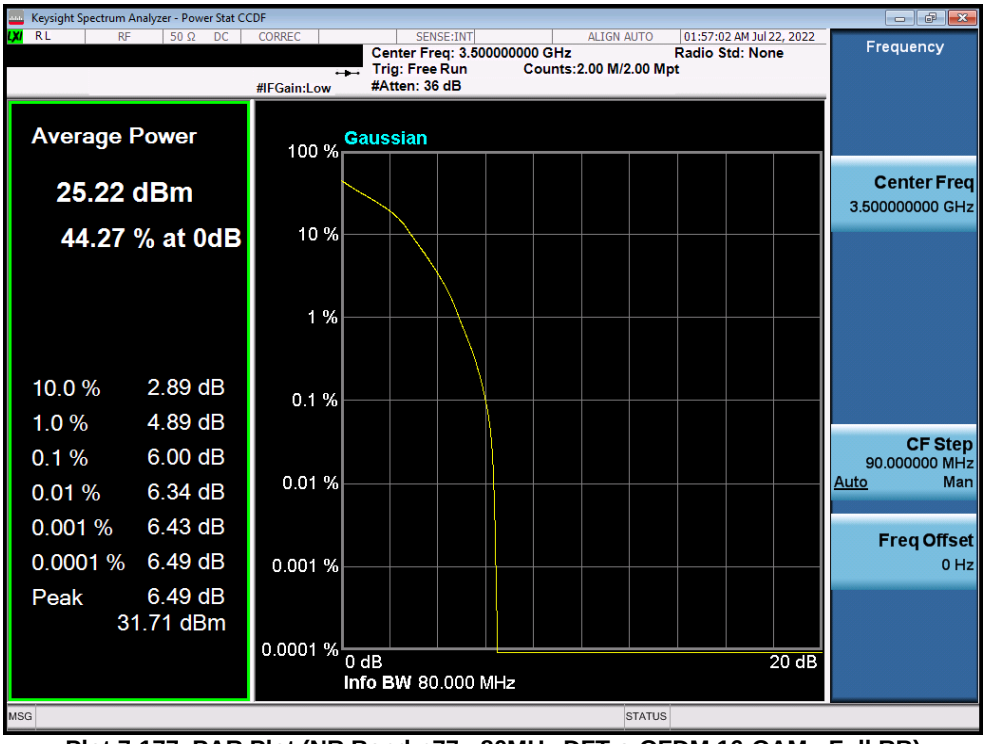
Plot 7-174. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)



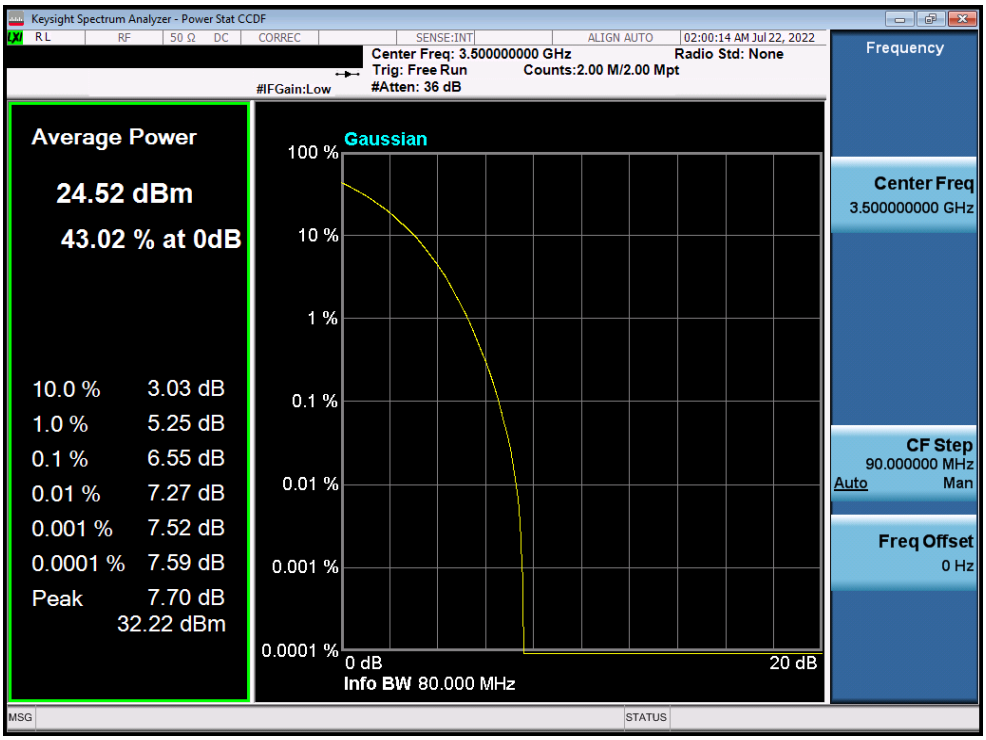
Plot 7-175. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM π/2 BPSK - Full RB)



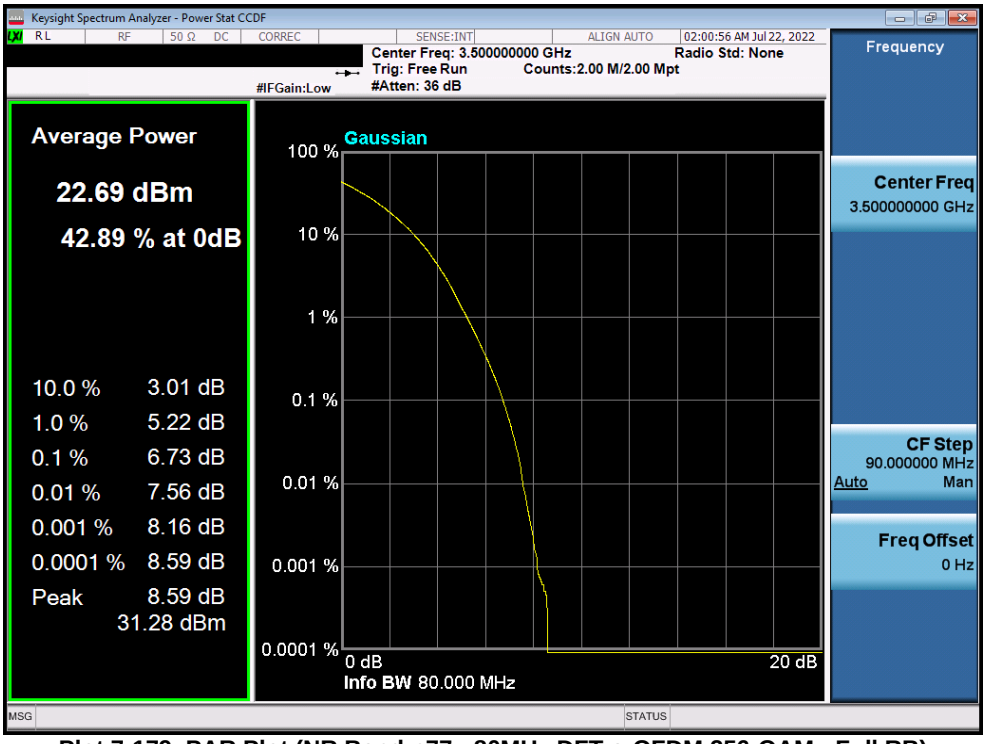
Plot 7-176. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM QPSK - Full RB)



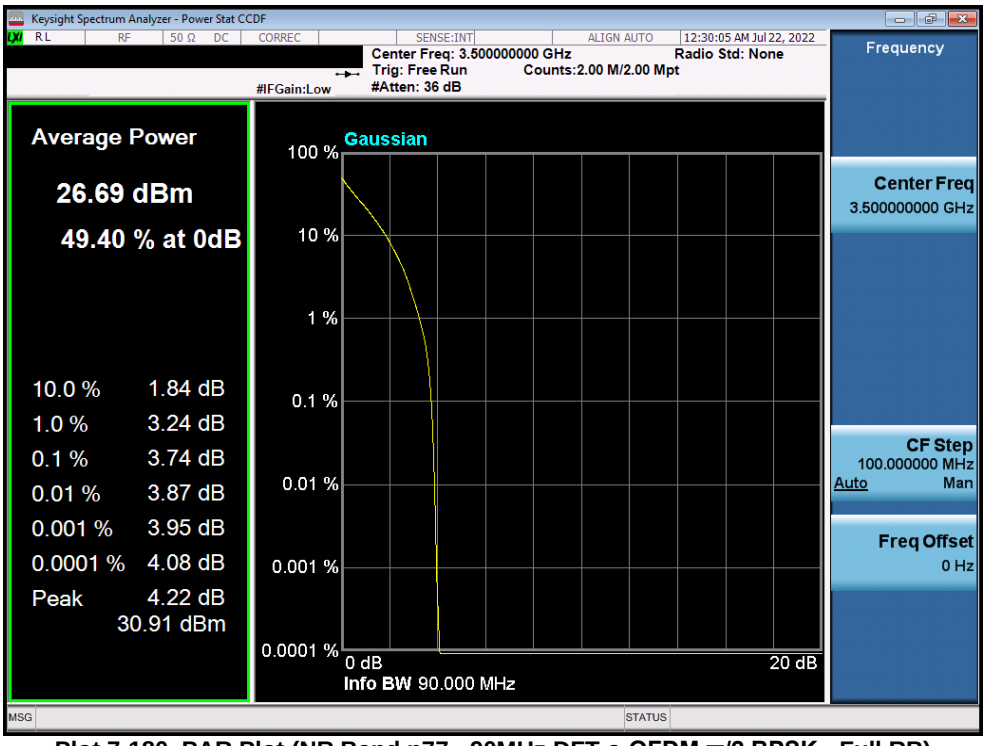
Plot 7-177. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 16-QAM - Full RB)



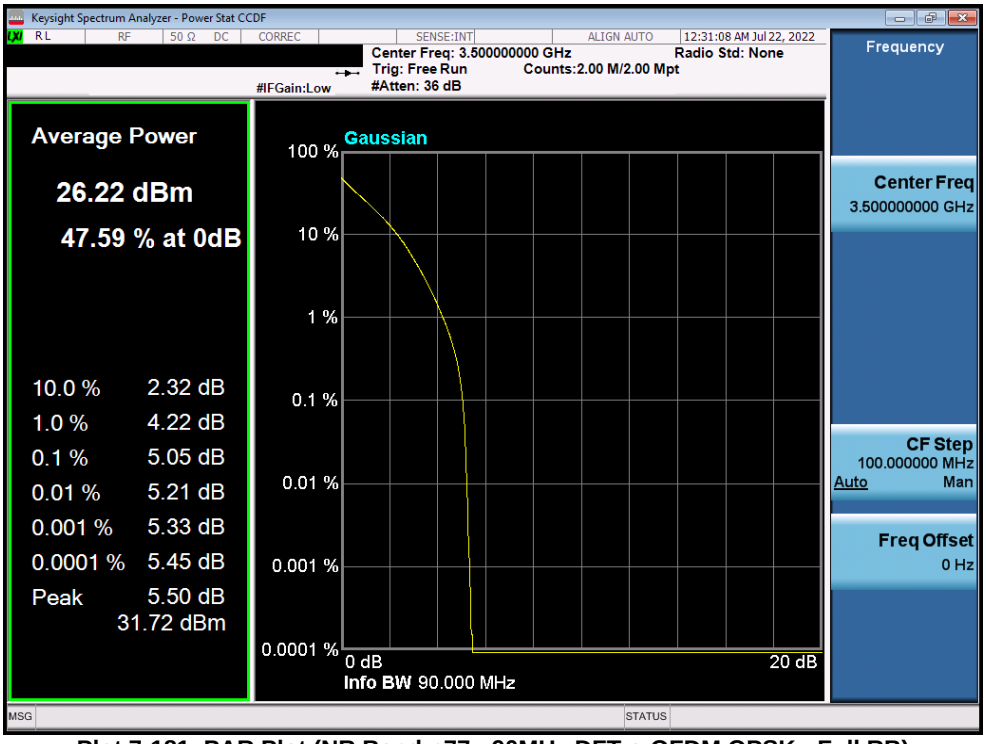
Plot 7-178. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 64-QAM - Full RB)



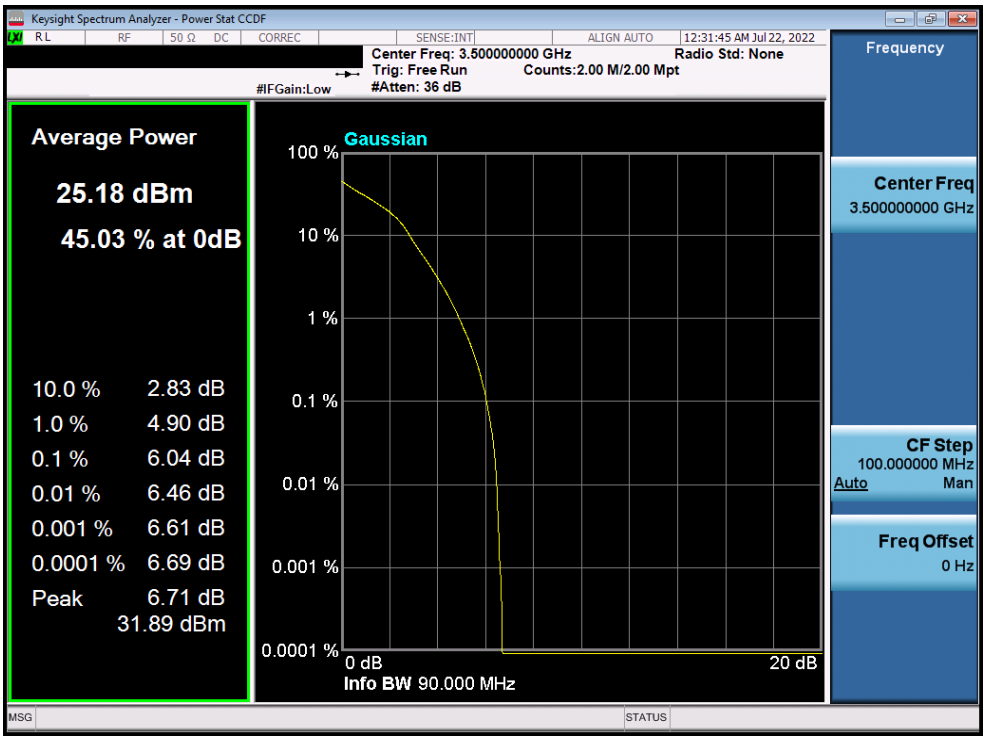
Plot 7-179. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 256-QAM - Full RB)



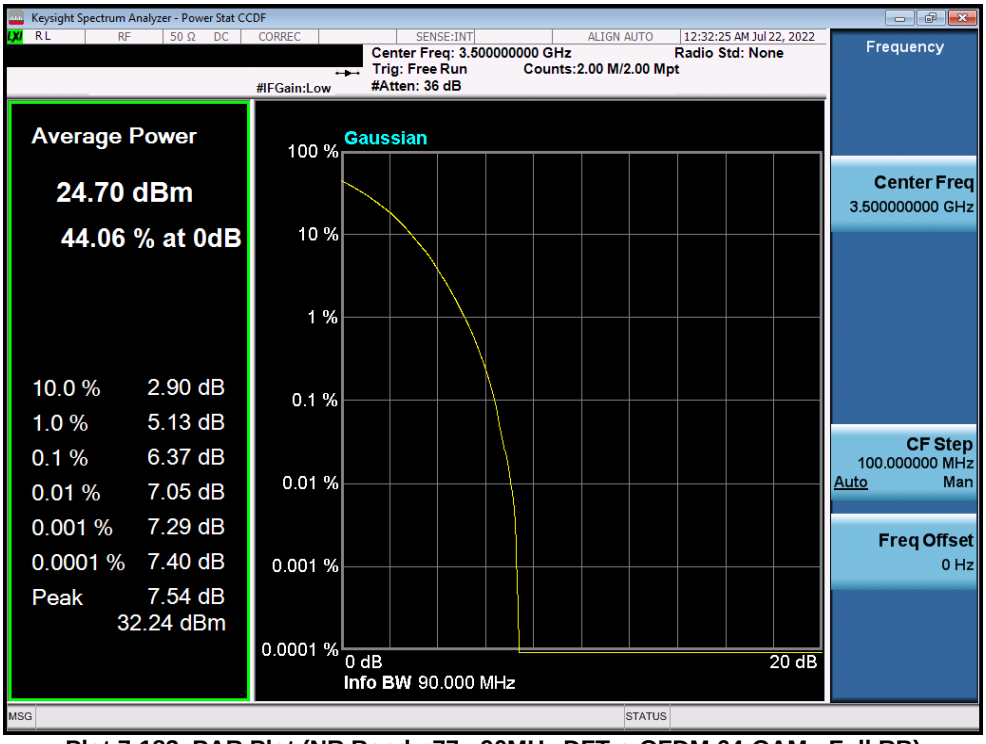
Plot 7-180. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM π/2 BPSK - Full RB)



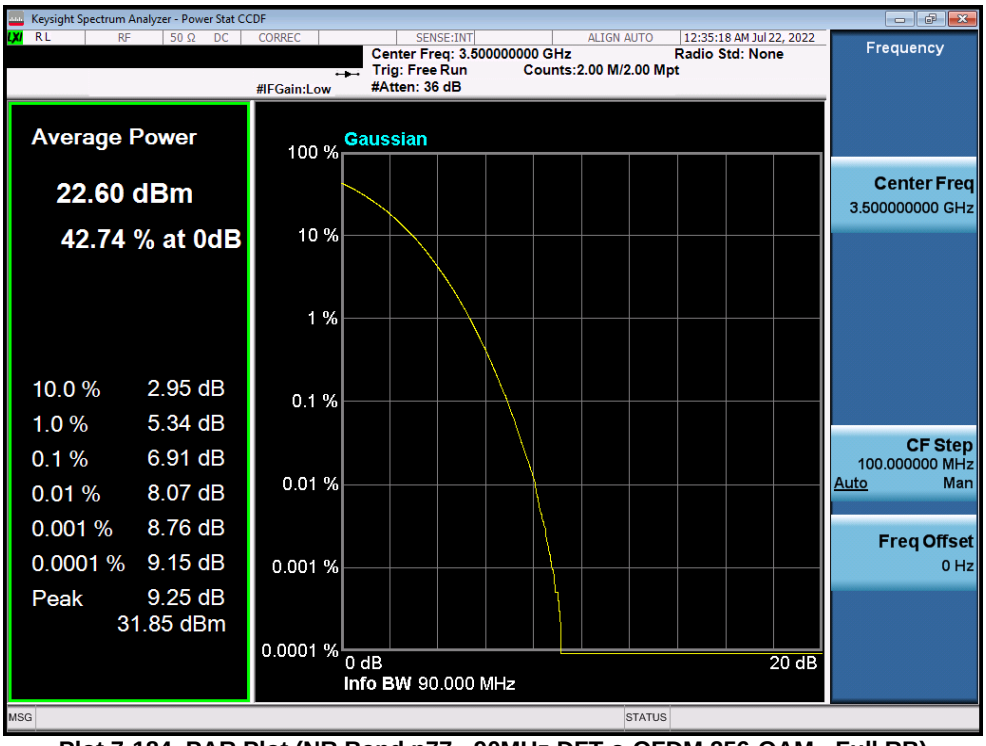
Plot 7-181. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM QPSK - Full RB)



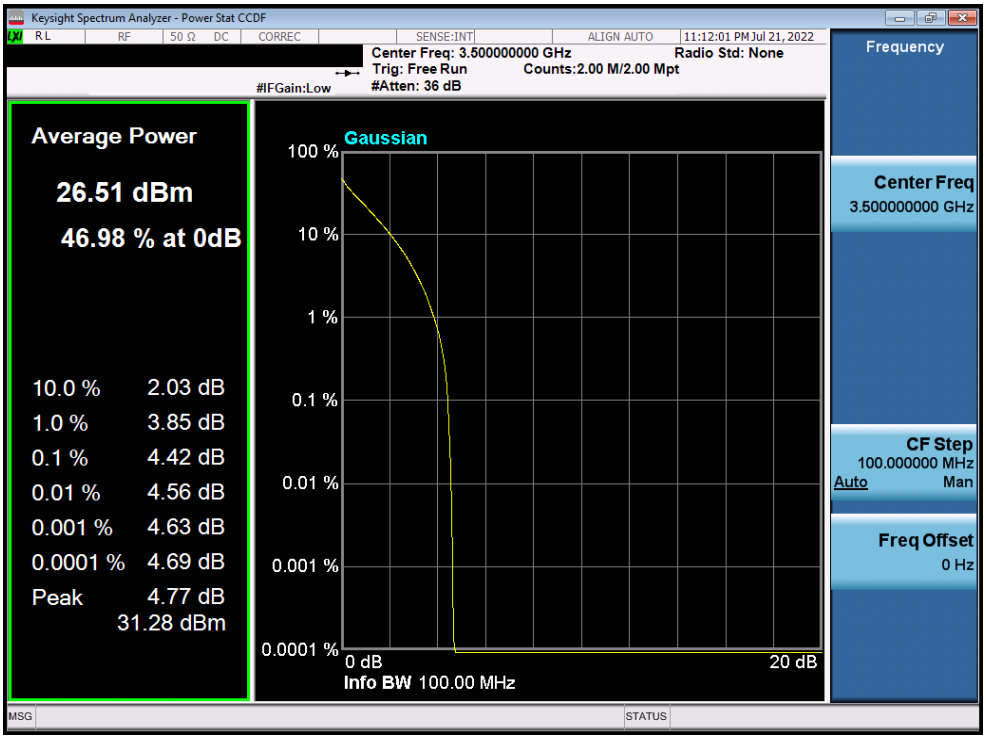
Plot 7-182. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 16-QAM - Full RB)



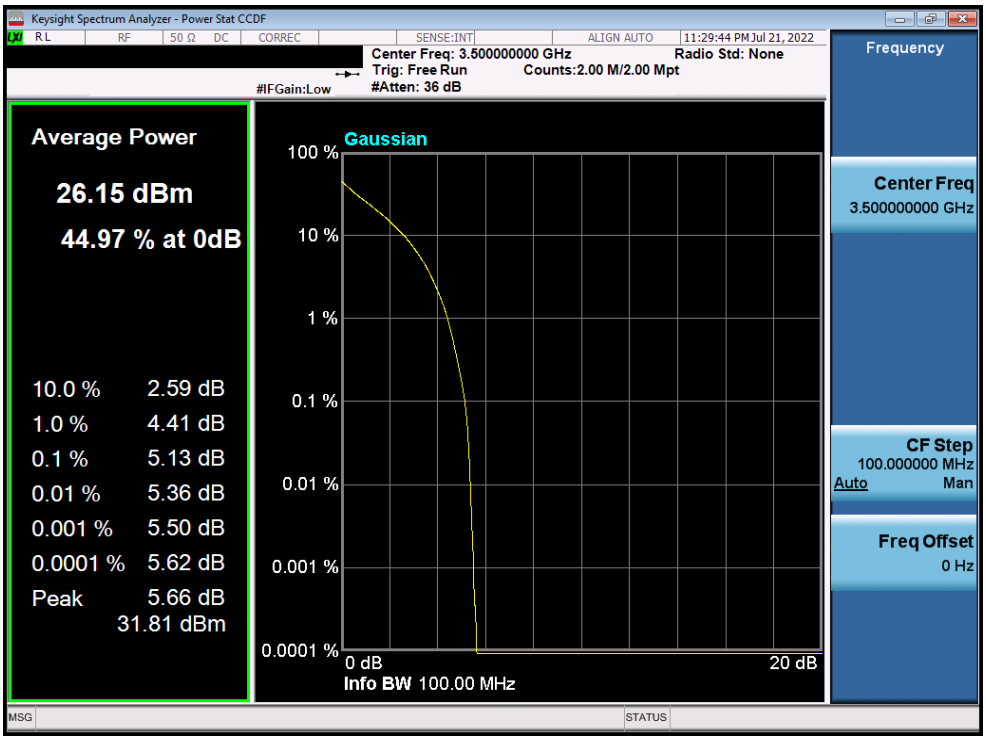
Plot 7-183. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 64-QAM - Full RB)



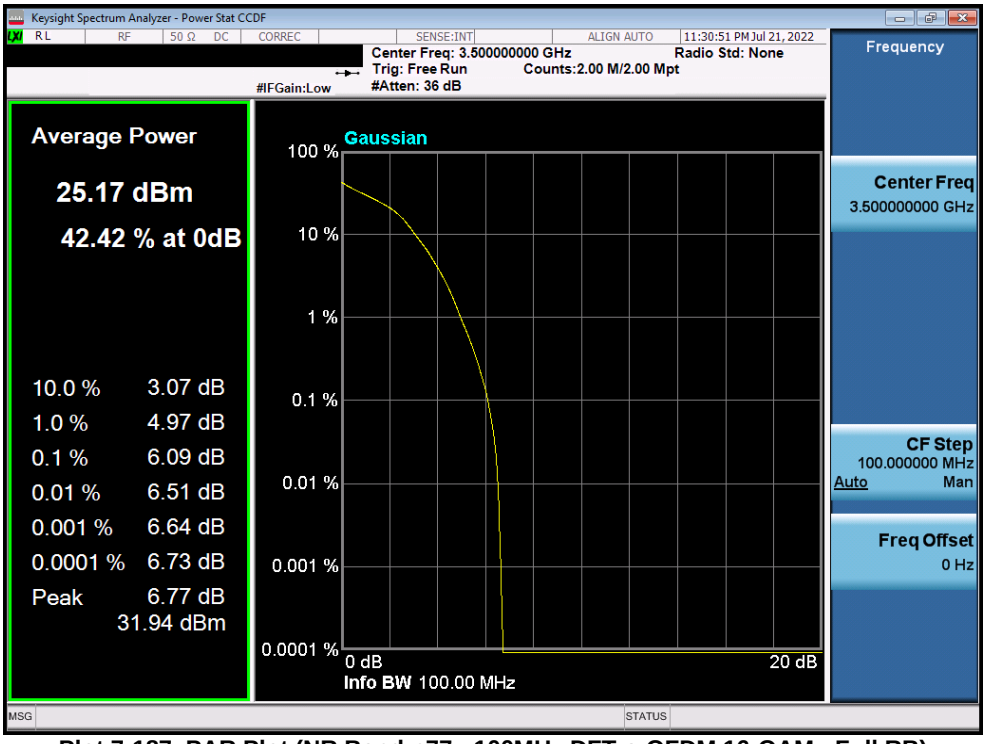
Plot 7-184. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)



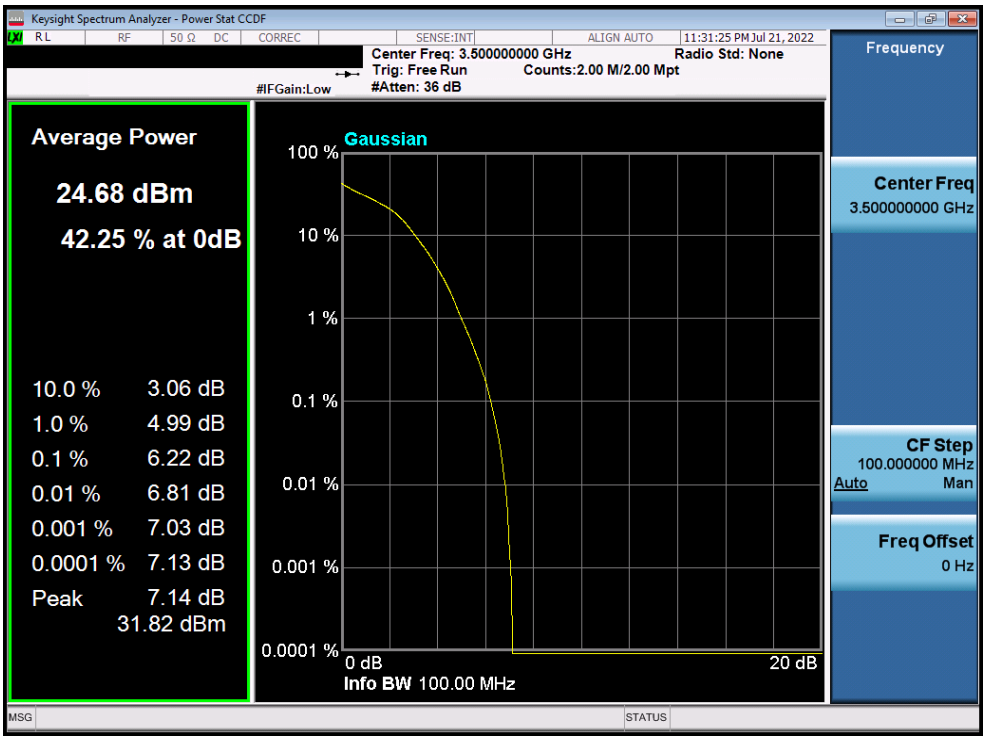
Plot 7-185. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM π/2 BPSK - Full RB)



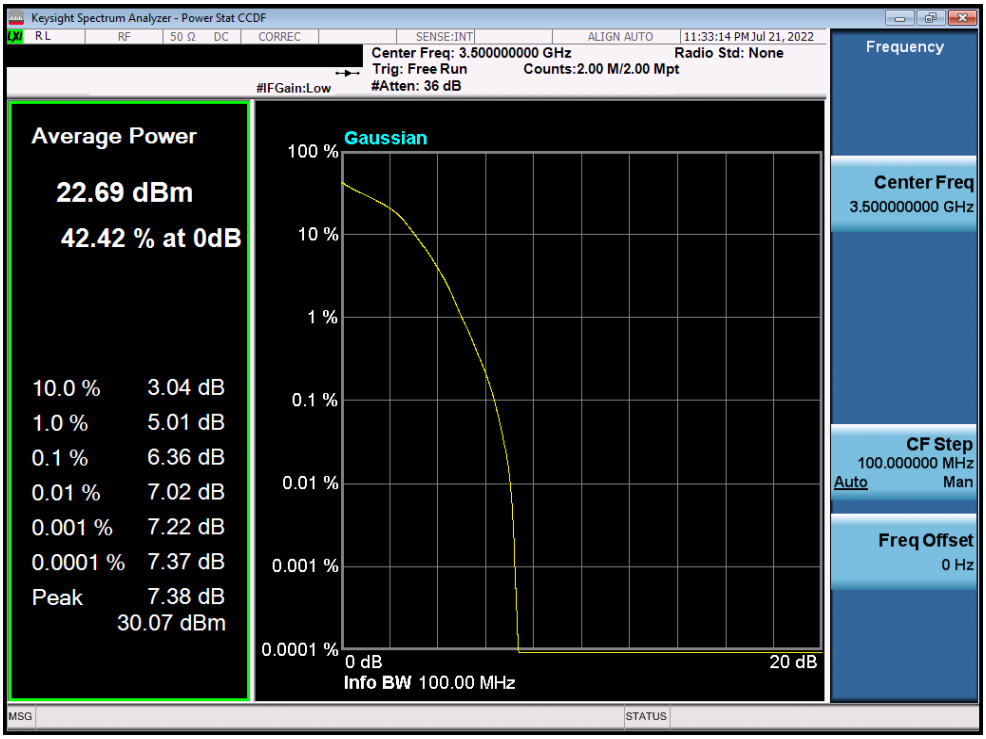
Plot 7-186. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-187. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 16-QAM - Full RB)

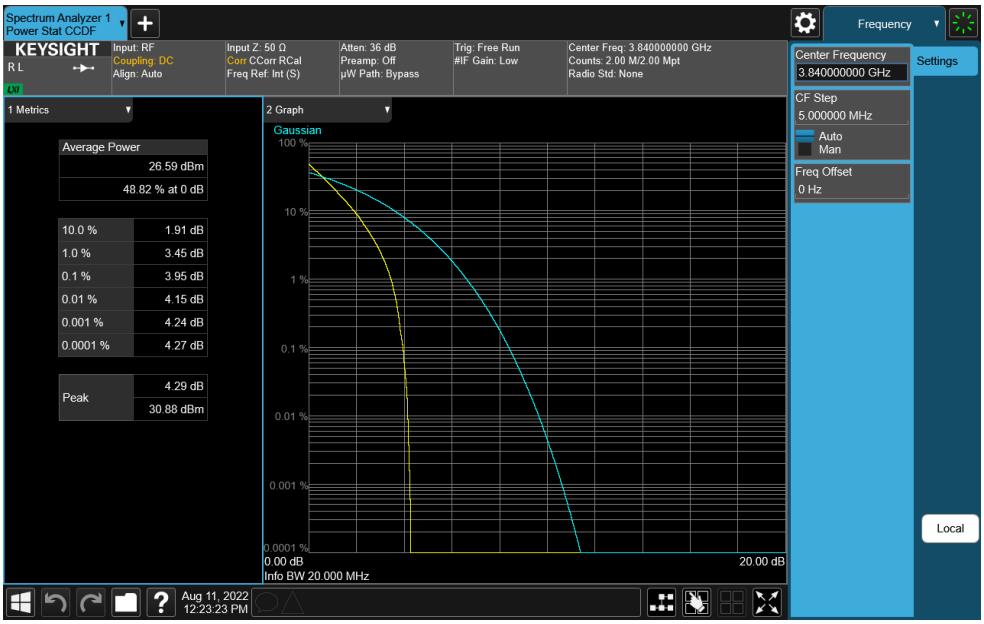


Plot 7-188. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 64-QAM - Full RB)

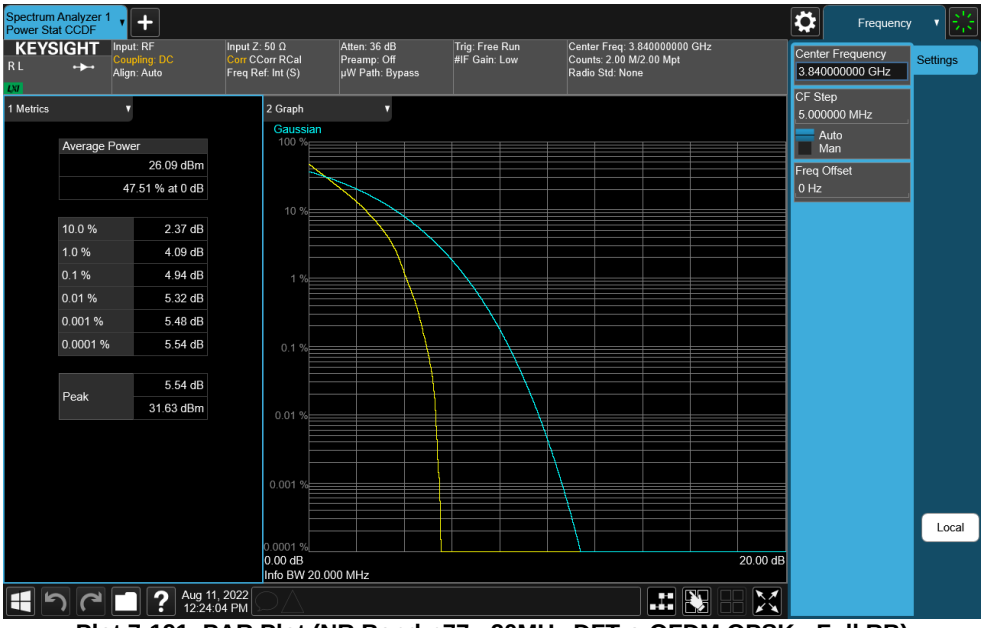


Plot 7-189. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 256-QAM - Full RB)

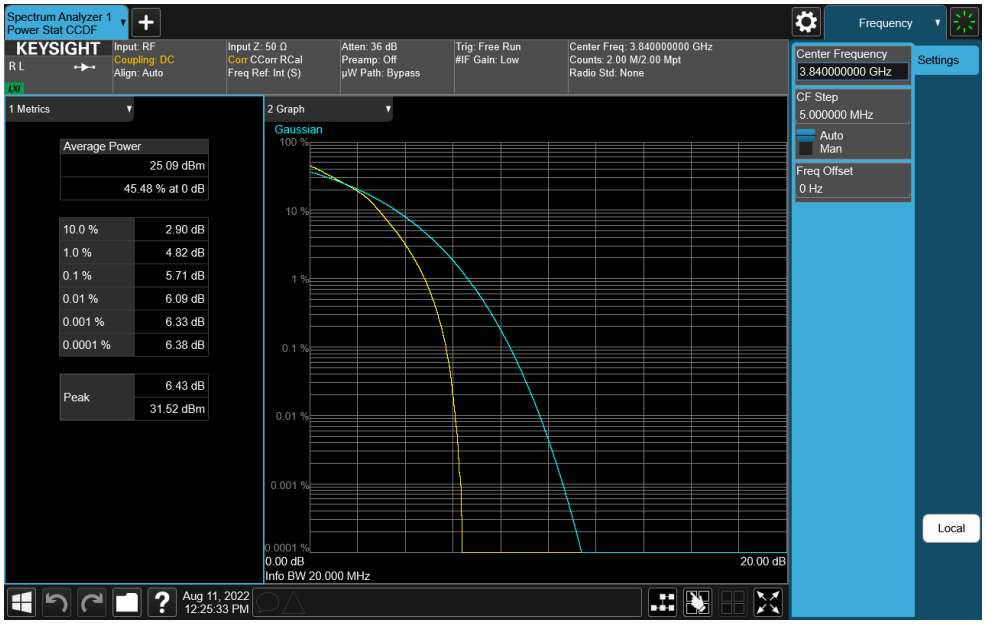
NR Band n77 C-Band



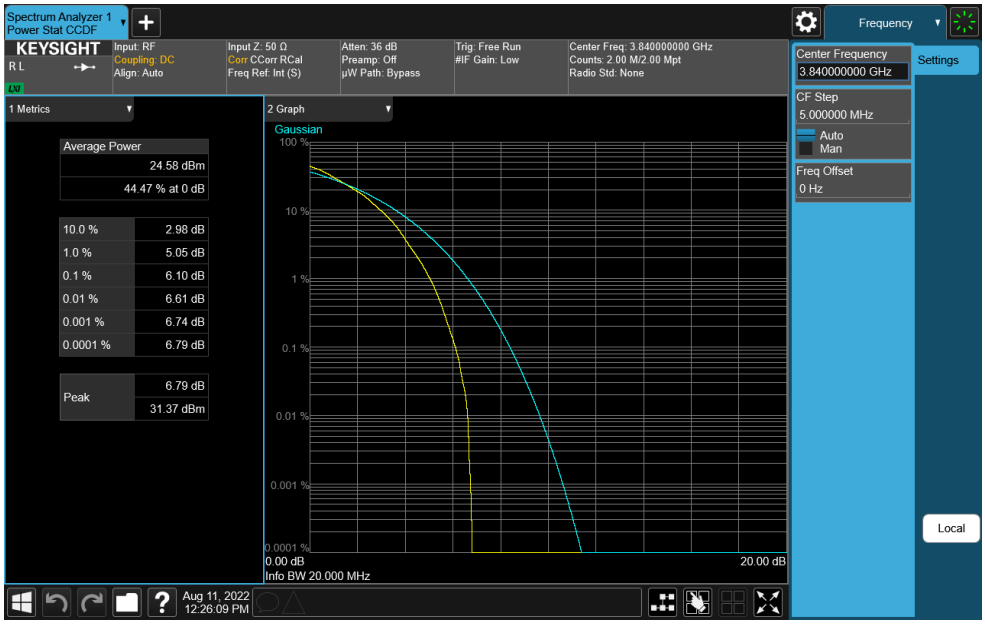
Plot 7-190. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM π/2 BPSK - Full RB)



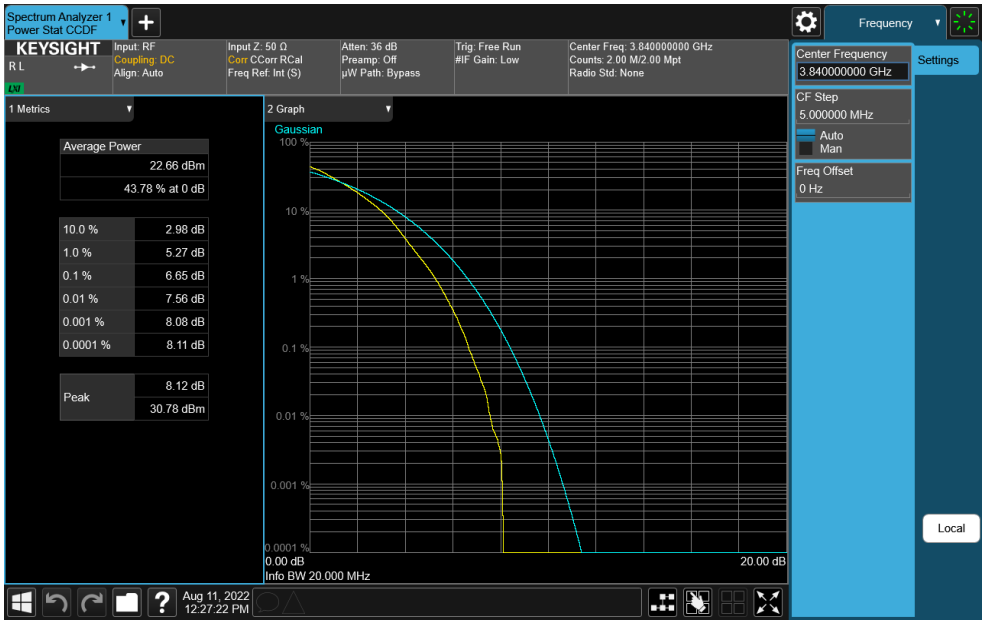
Plot 7-191. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM QPSK - Full RB)



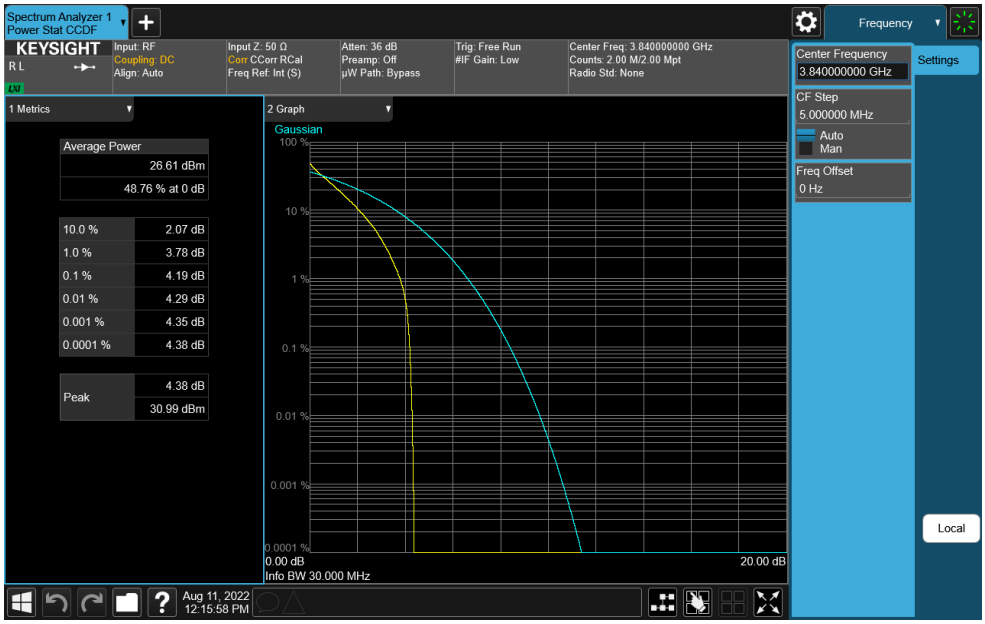
Plot 7-192. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 16-QAM - Full RB)



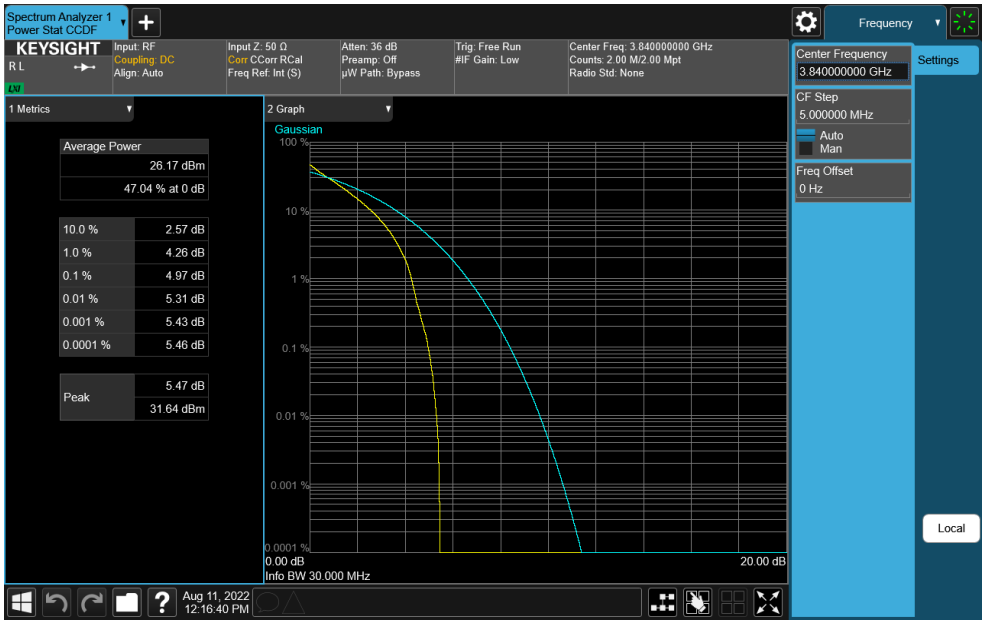
Plot 7-193. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 64-QAM - Full RB)



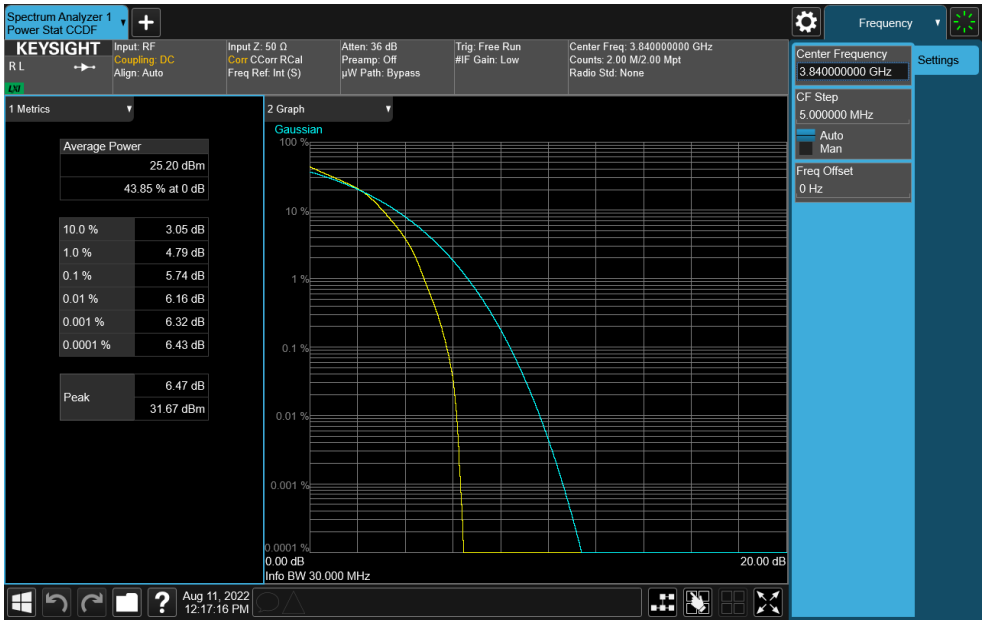
Plot 7-194. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 256-QAM - Full RB)



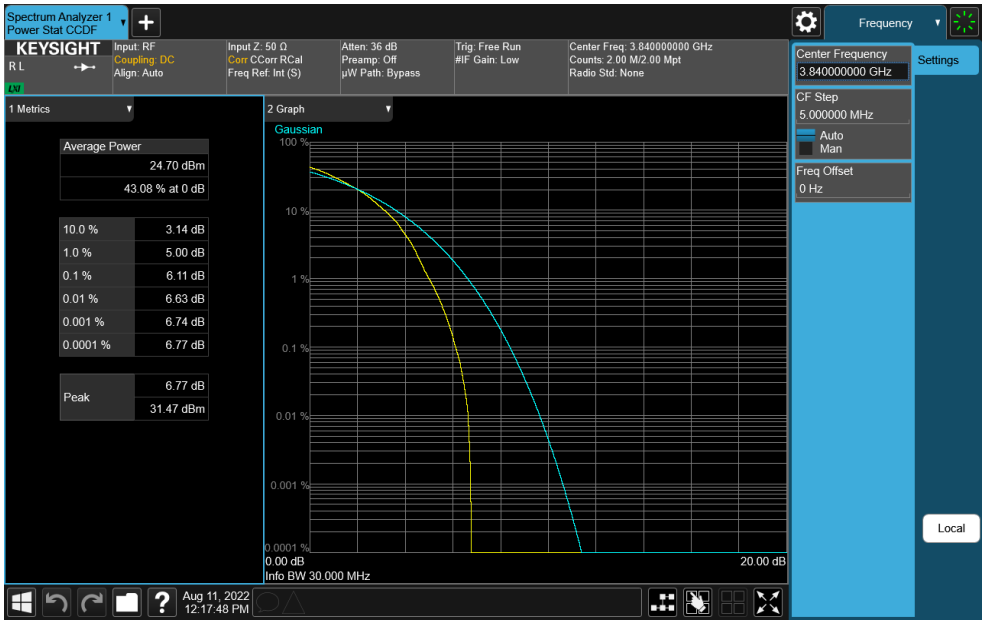
Plot 7-195. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM π/2 BPSK - Full RB)



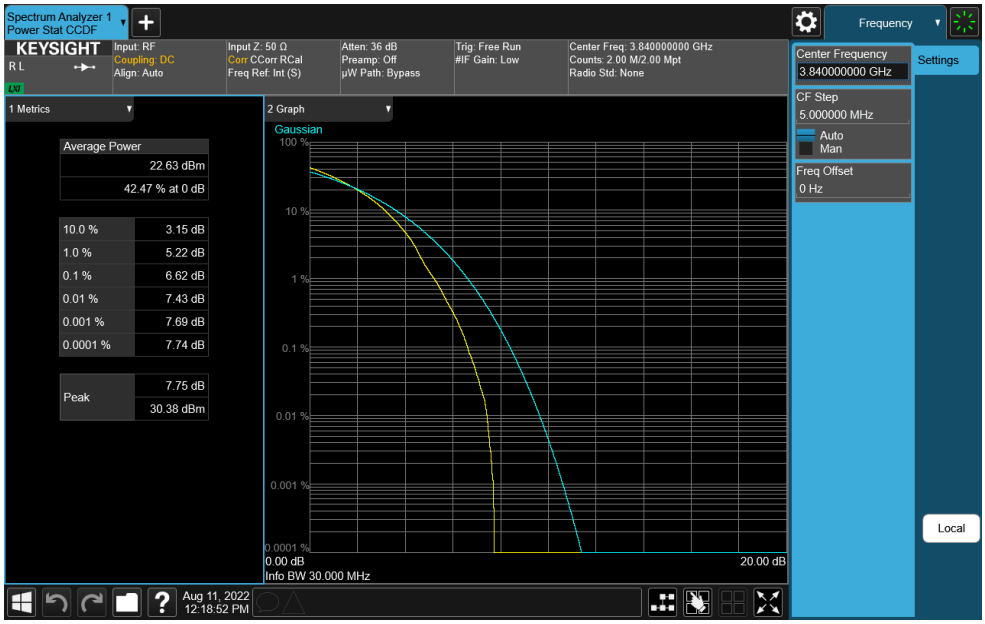
Plot 7-196. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM QPSK - Full RB)



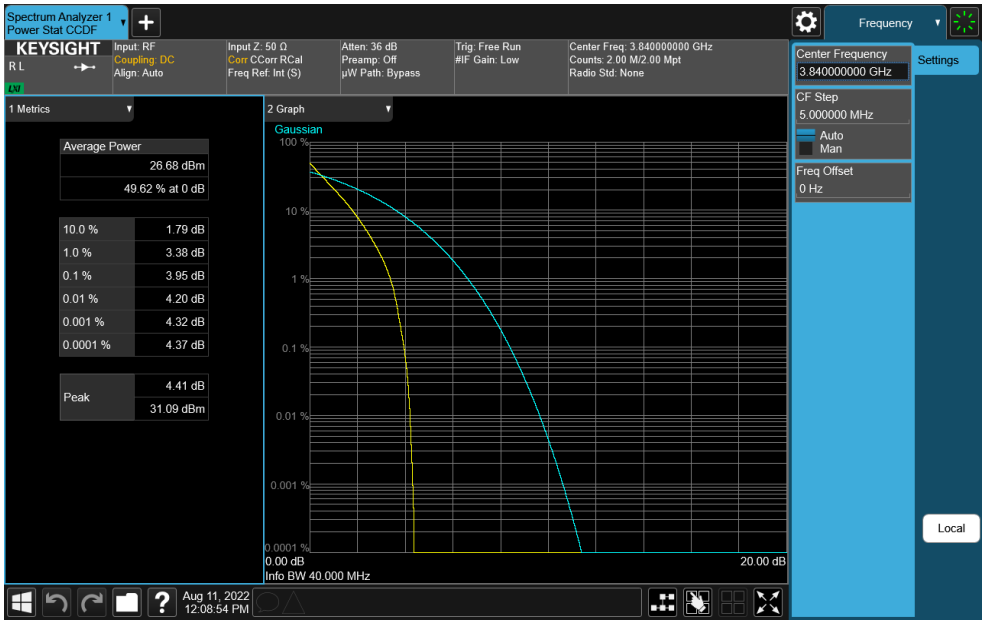
Plot 7-197. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 16-QAM - Full RB)



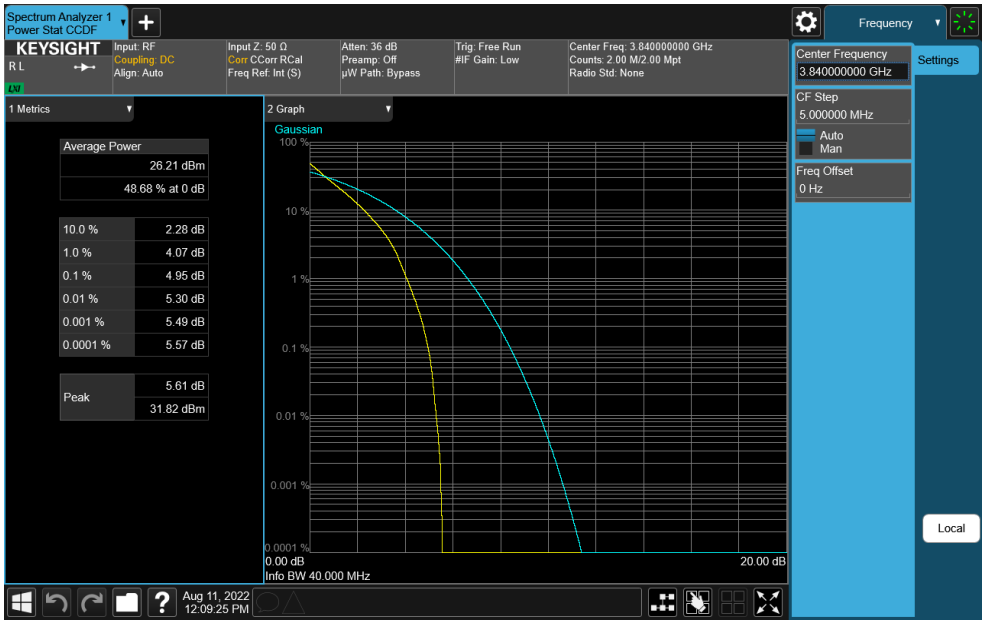
Plot 7-198. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 64-QAM - Full RB)



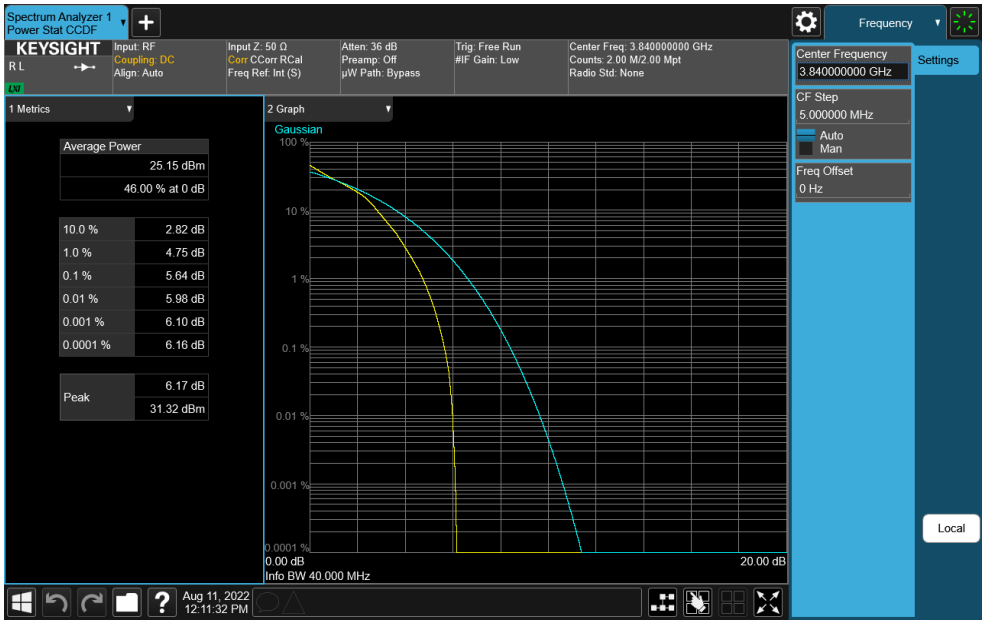
Plot 7-199. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 256-QAM - Full RB)



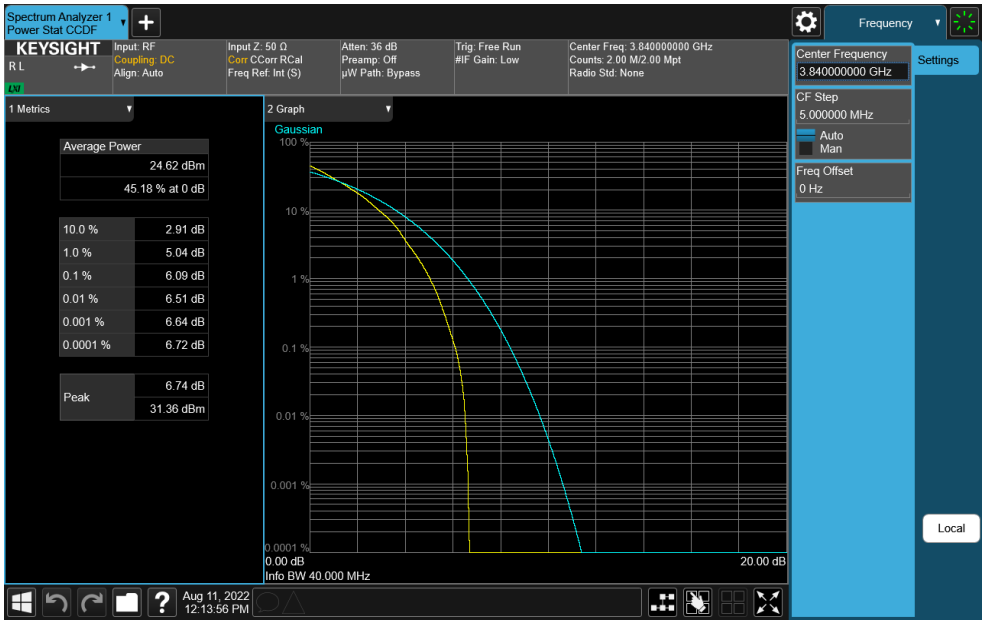
Plot 7-200. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM π/2 BPSK - Full RB)



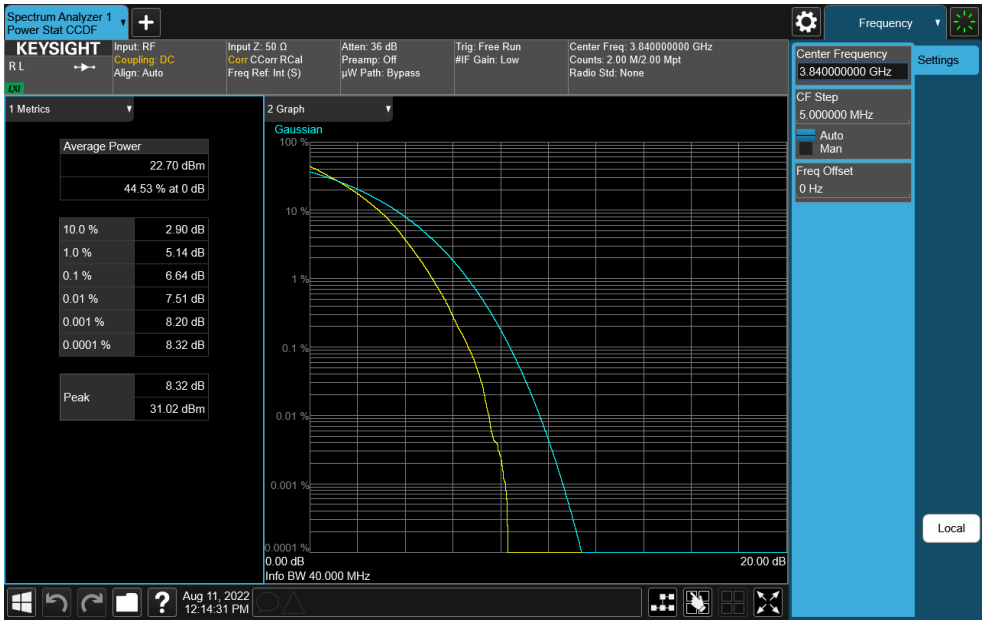
Plot 7-201. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM QPSK - Full RB)



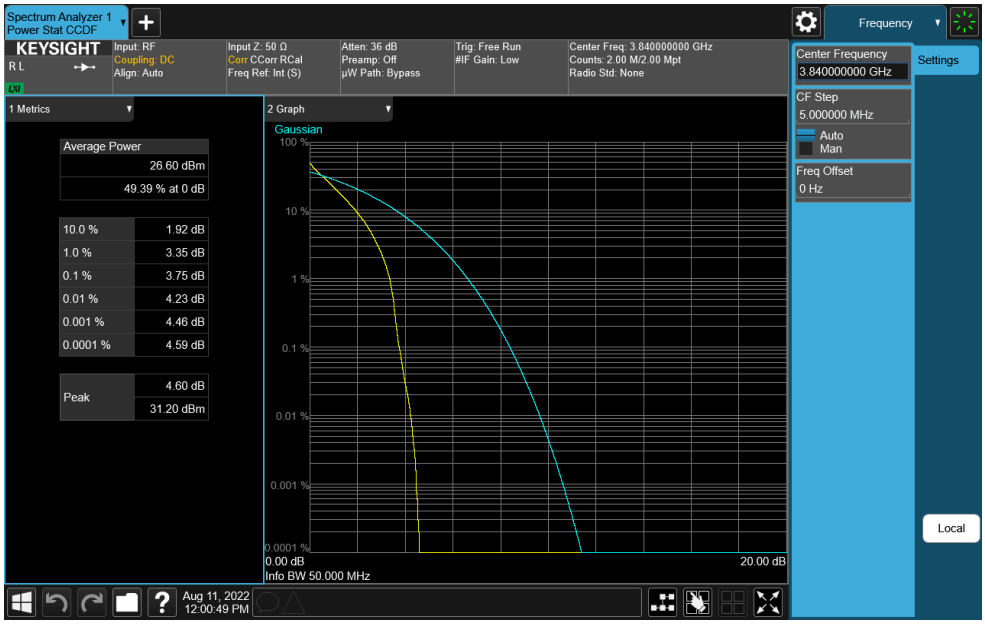
Plot 7-202. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 16-QAM - Full RB)



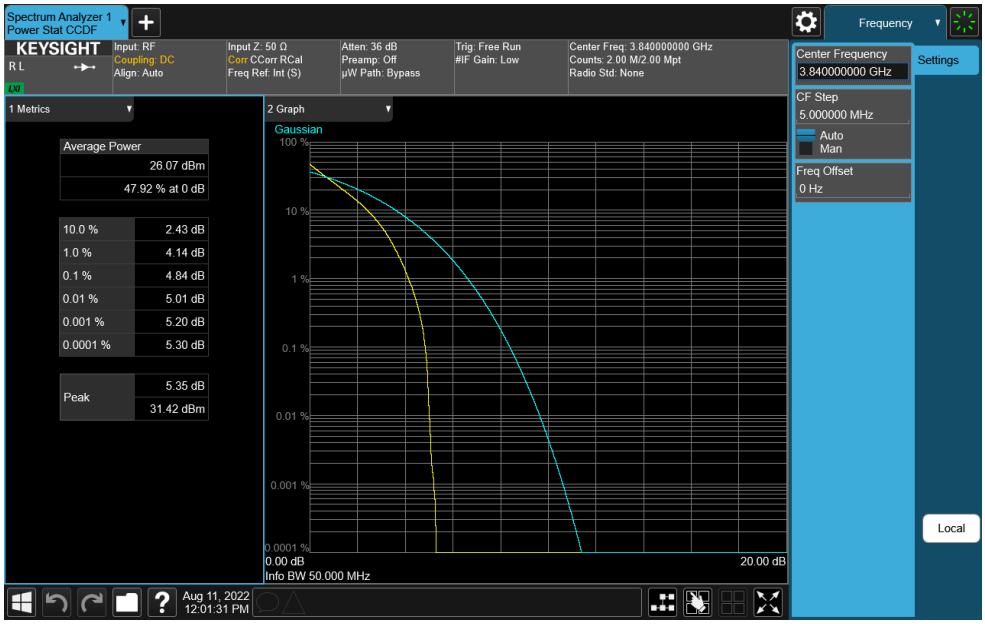
Plot 7-203. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 64-QAM - Full RB)



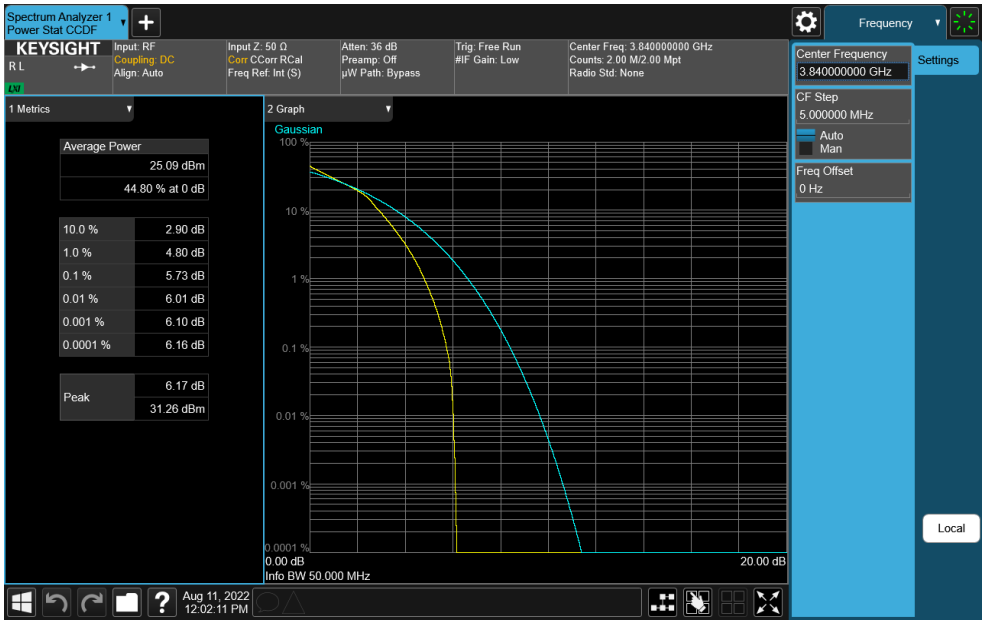
Plot 7-204. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 256-QAM - Full RB)



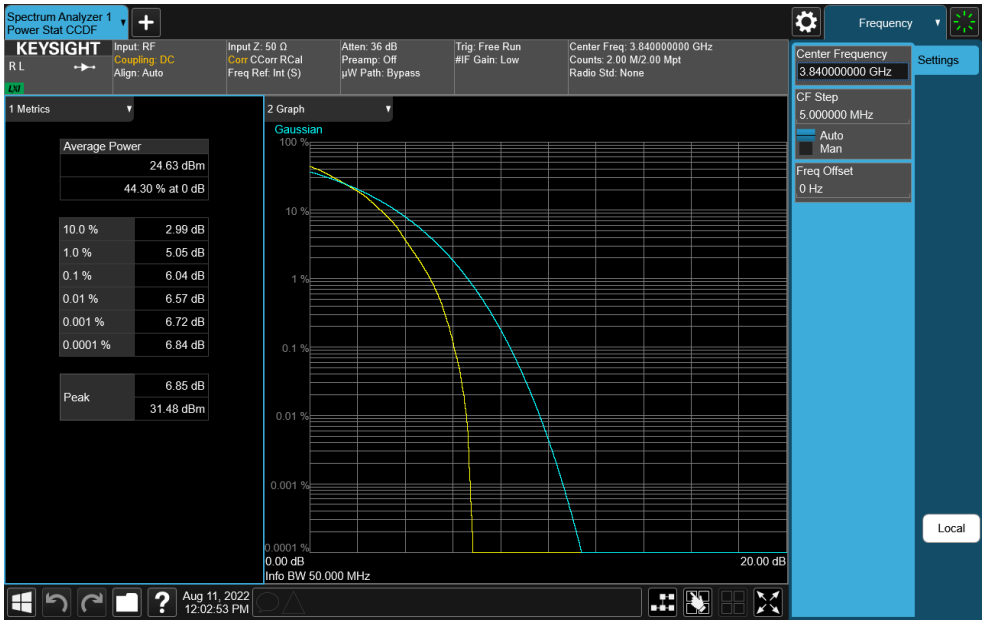
Plot 7-205. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM π/2 BPSK - Full RB)



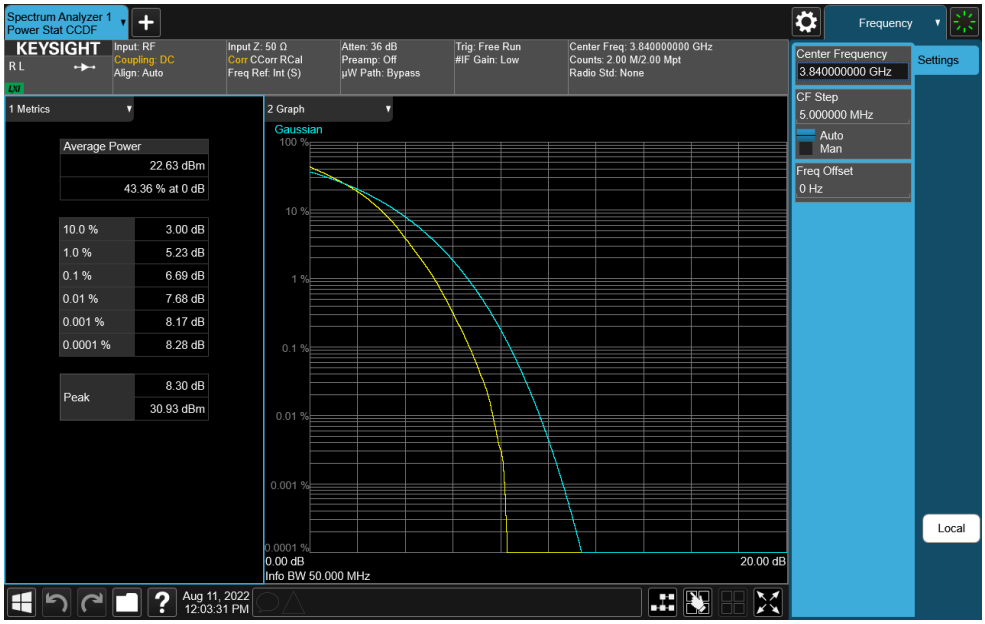
Plot 7-206. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM QPSK - Full RB)



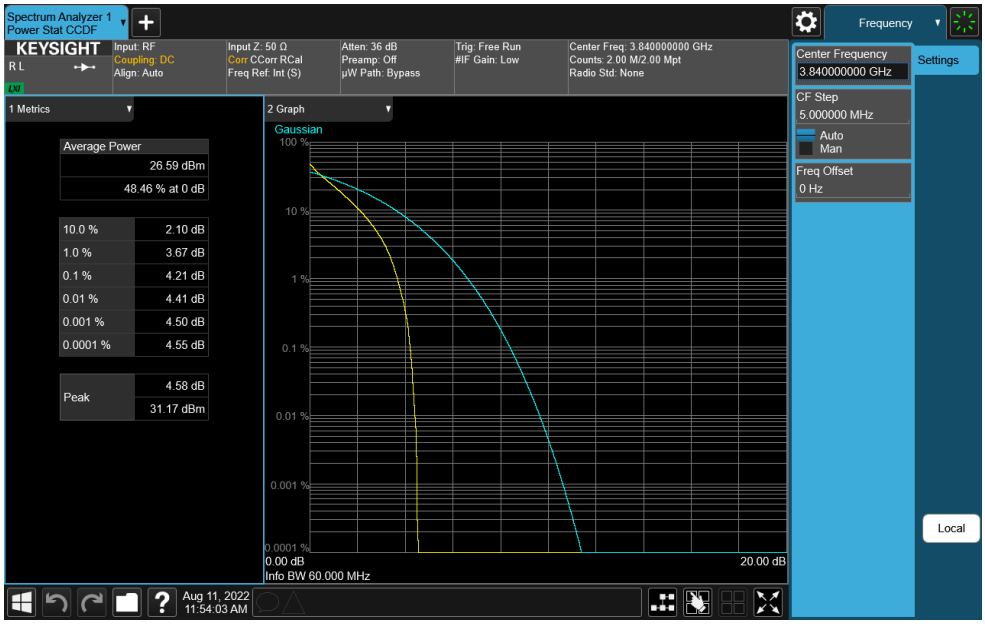
Plot 7-207. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 16-QAM - Full RB)



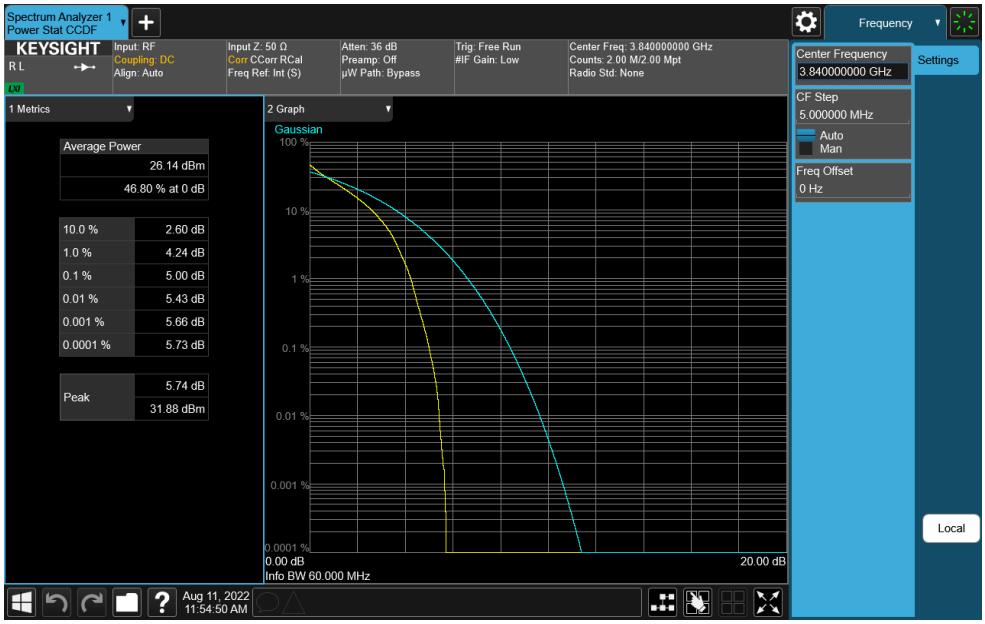
Plot 7-208. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 64-QAM - Full RB)



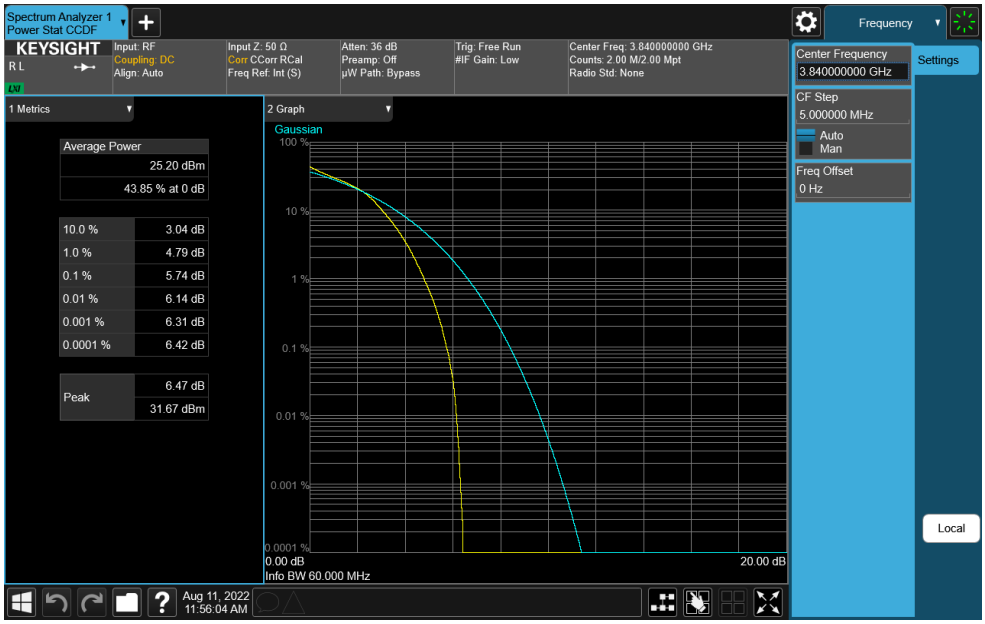
Plot 7-209. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 256-QAM - Full RB)



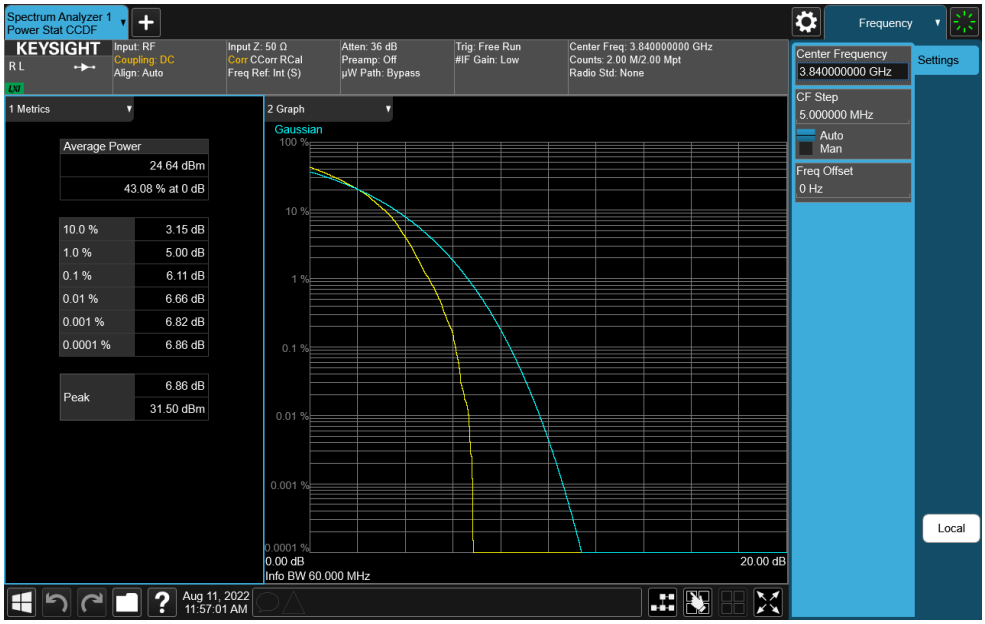
Plot 7-210. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM π/2 BPSK - Full RB)



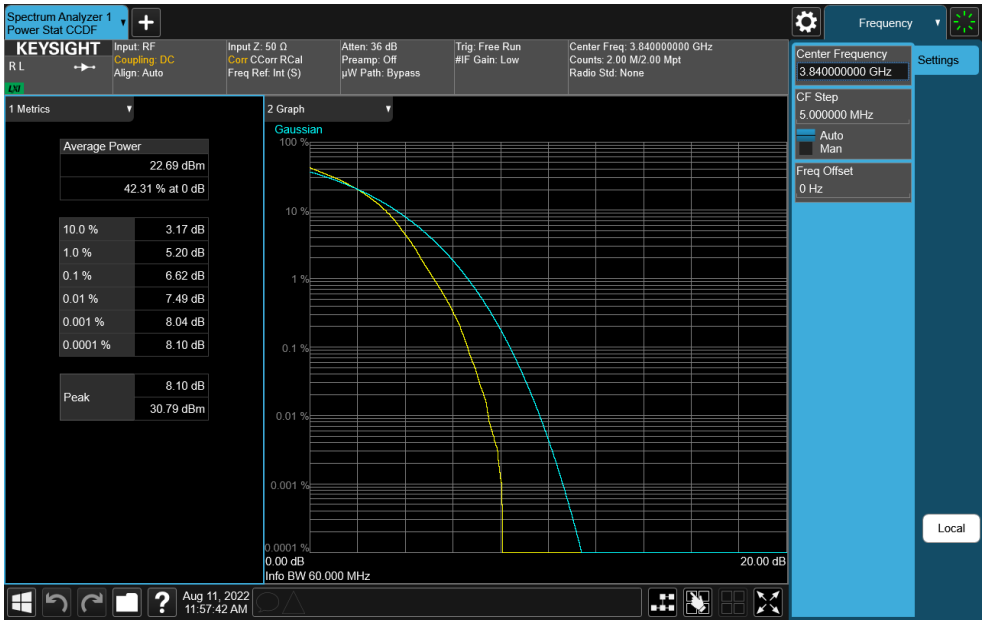
Plot 7-211. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM QPSK - Full RB)



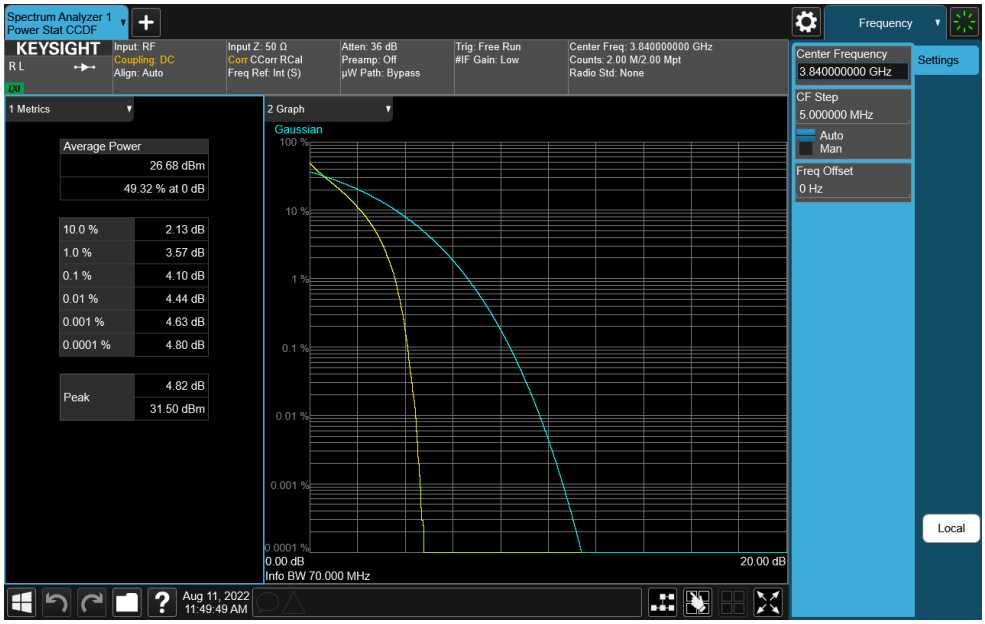
Plot 7-212. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 16-QAM - Full RB)



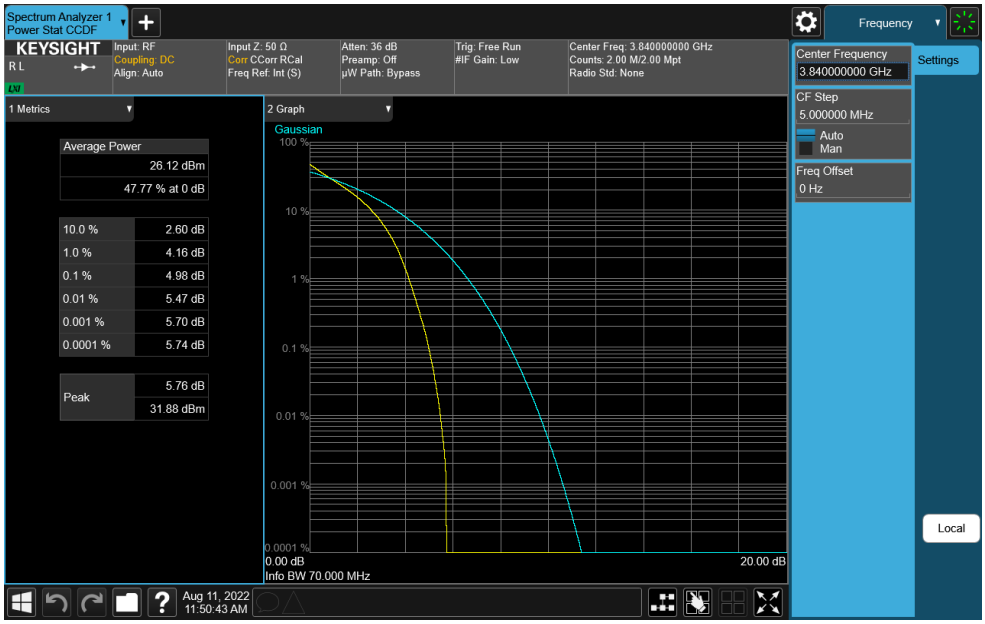
Plot 7-213. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 64-QAM - Full RB)



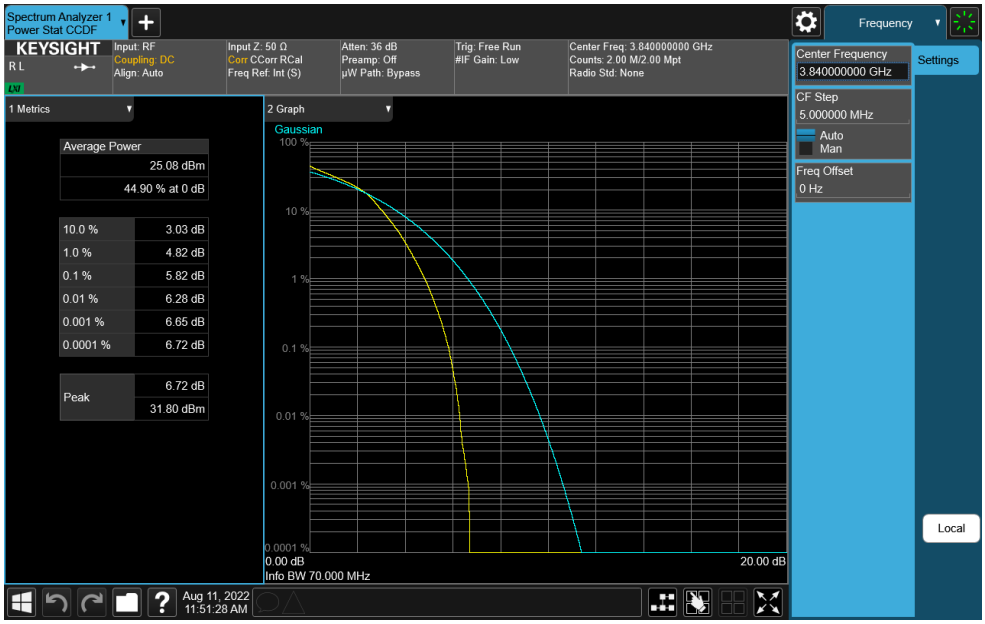
Plot 7-214. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 256-QAM - Full RB)



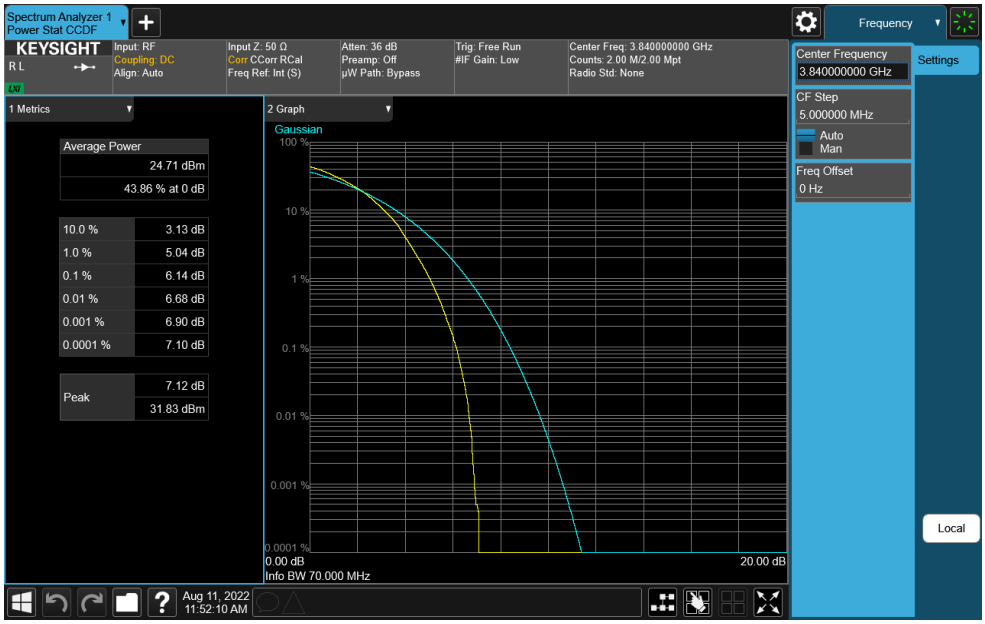
Plot 7-215. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM π/2 BPSK - Full RB)



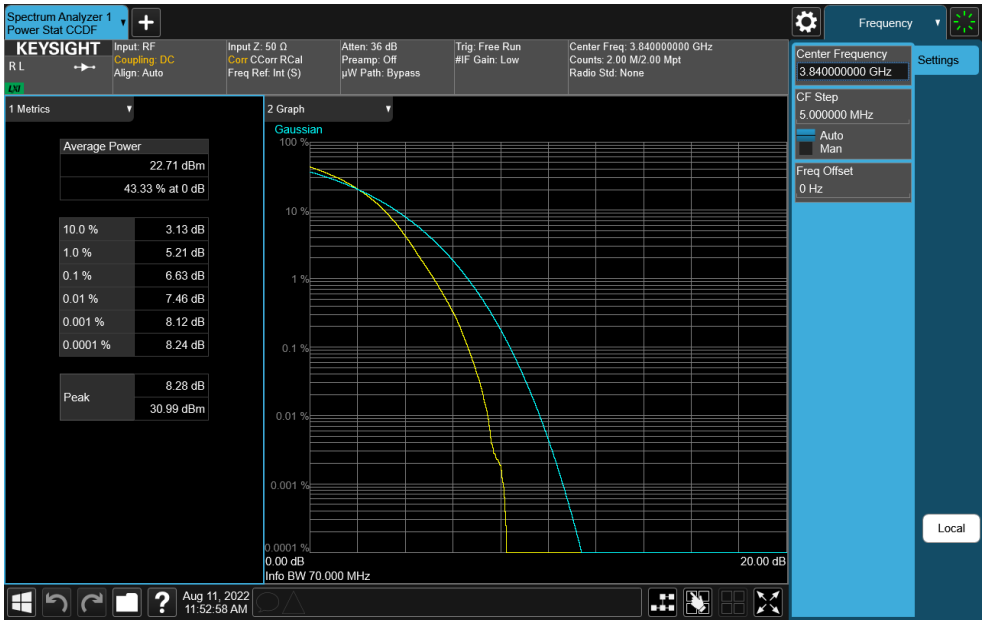
Plot 7-216. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)



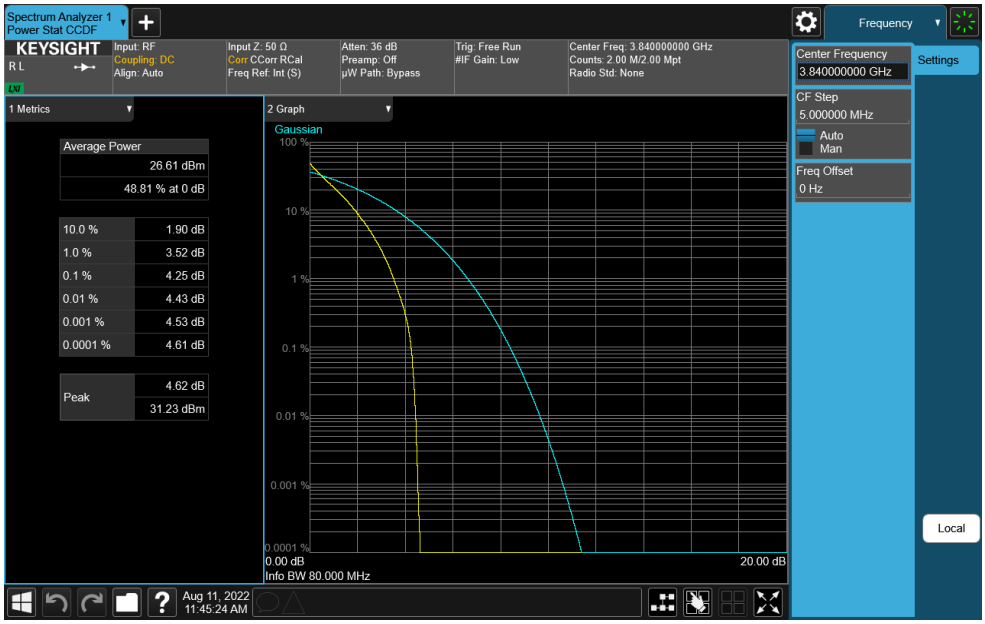
Plot 7-217. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)



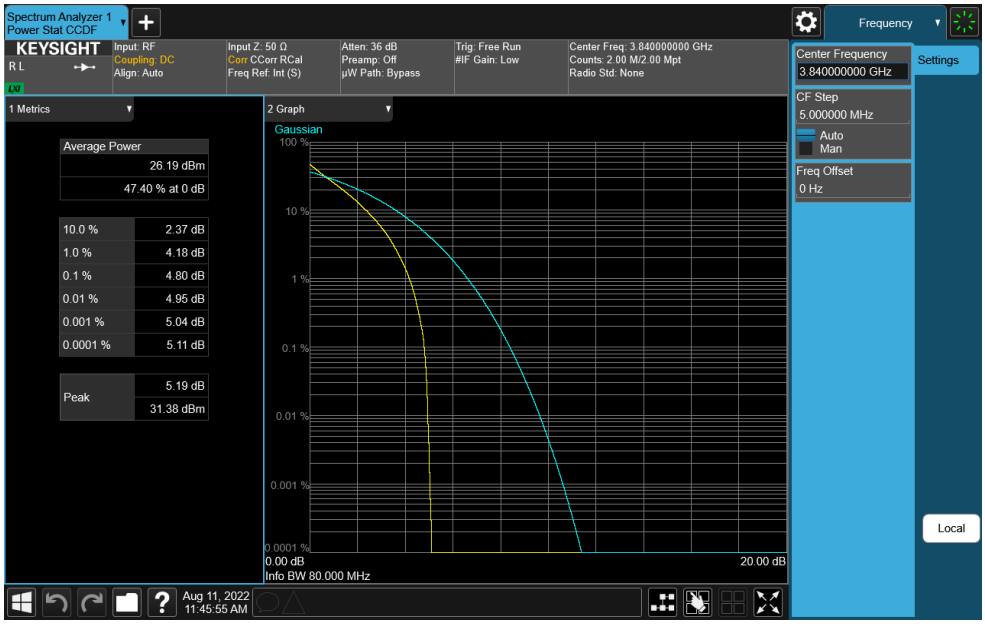
Plot 7-218. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 64-QAM - Full RB)



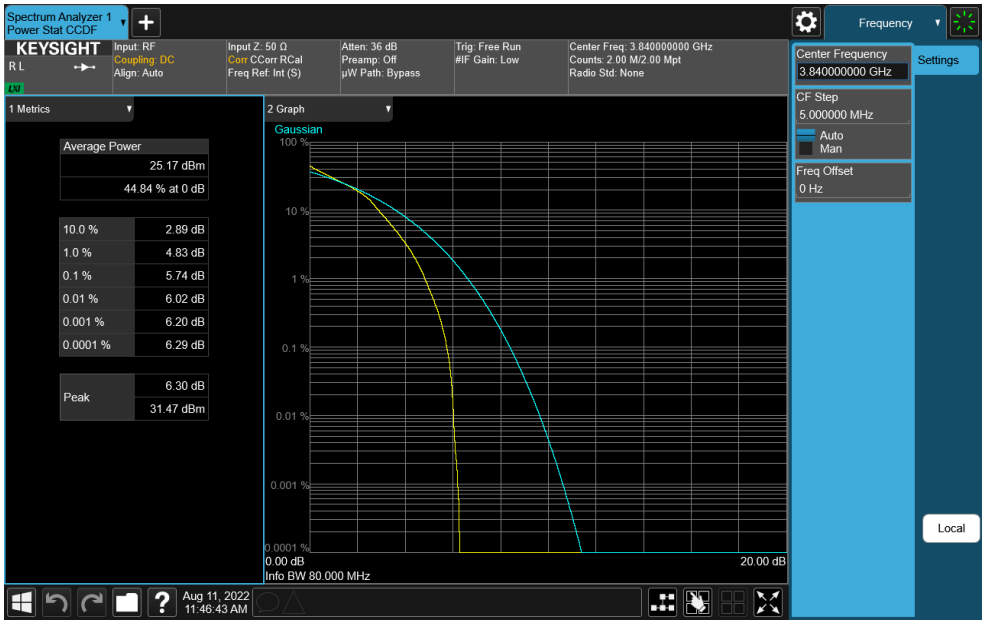
Plot 7-219. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)



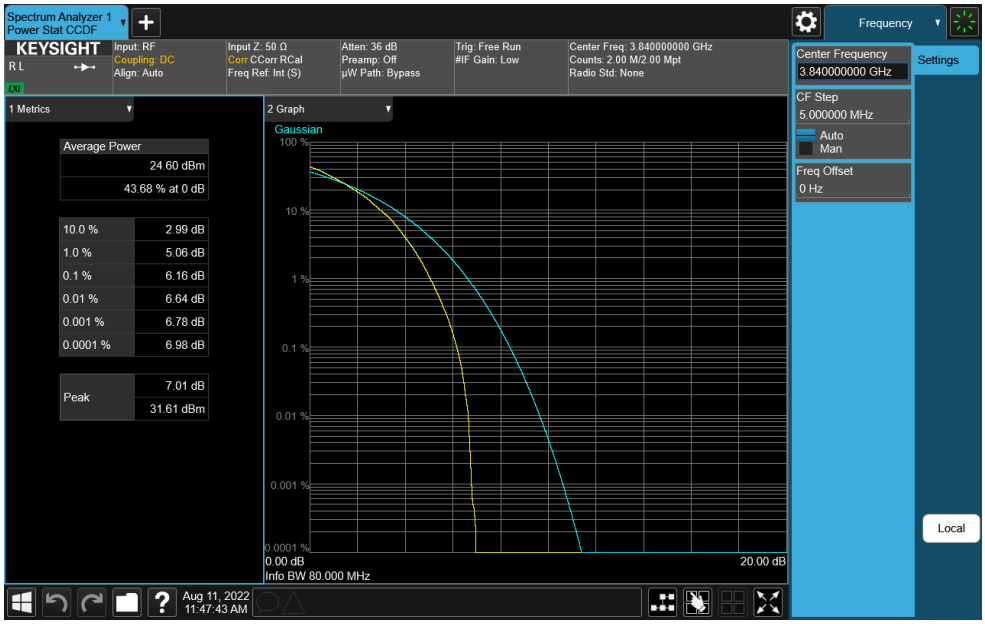
Plot 7-220. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM π/2 BPSK - Full RB)



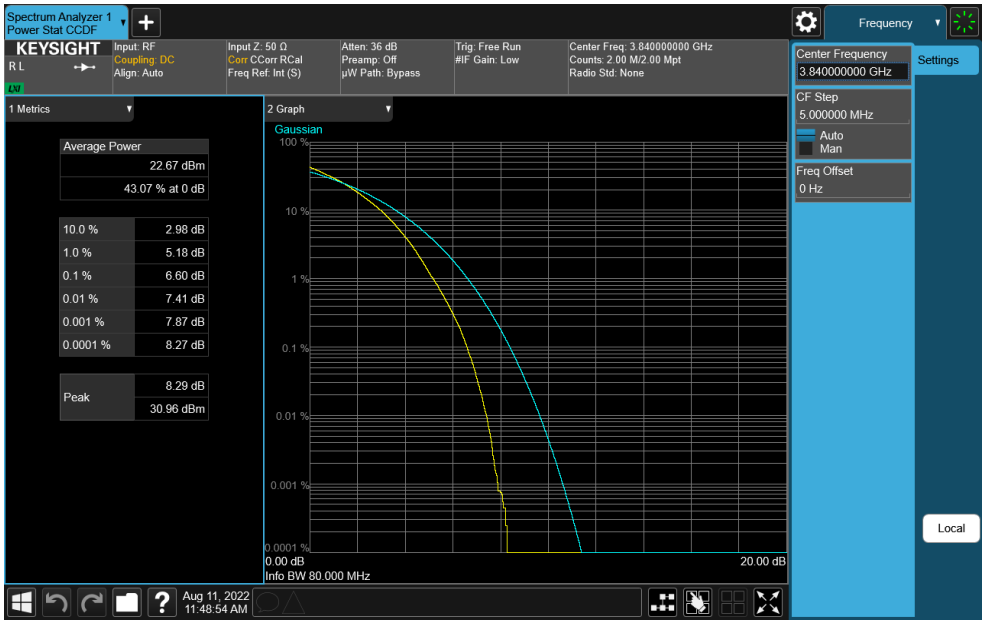
Plot 7-221. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM QPSK - Full RB)



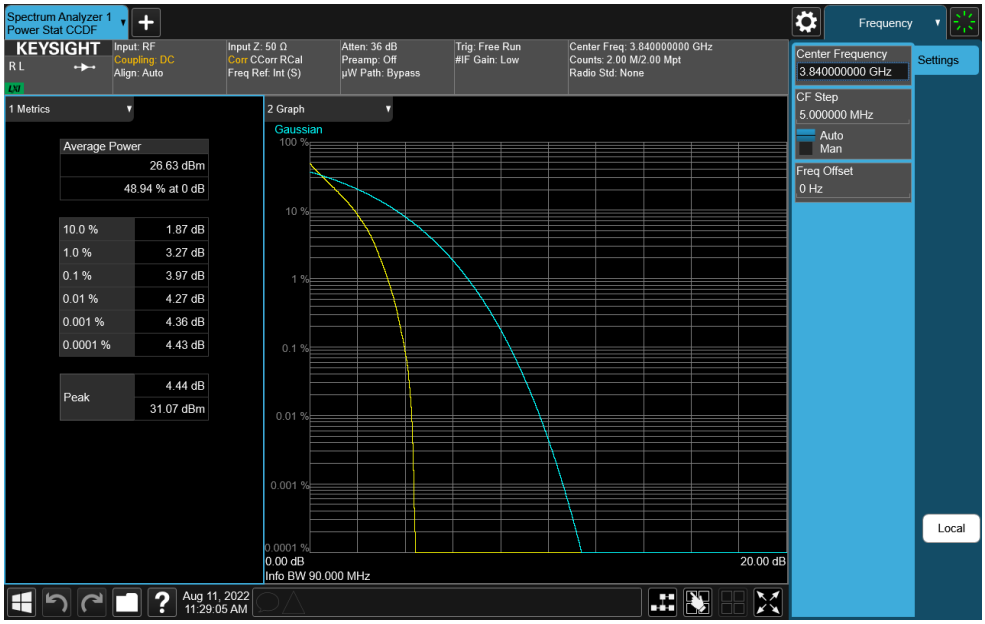
Plot 7-222. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 16-QAM - Full RB)



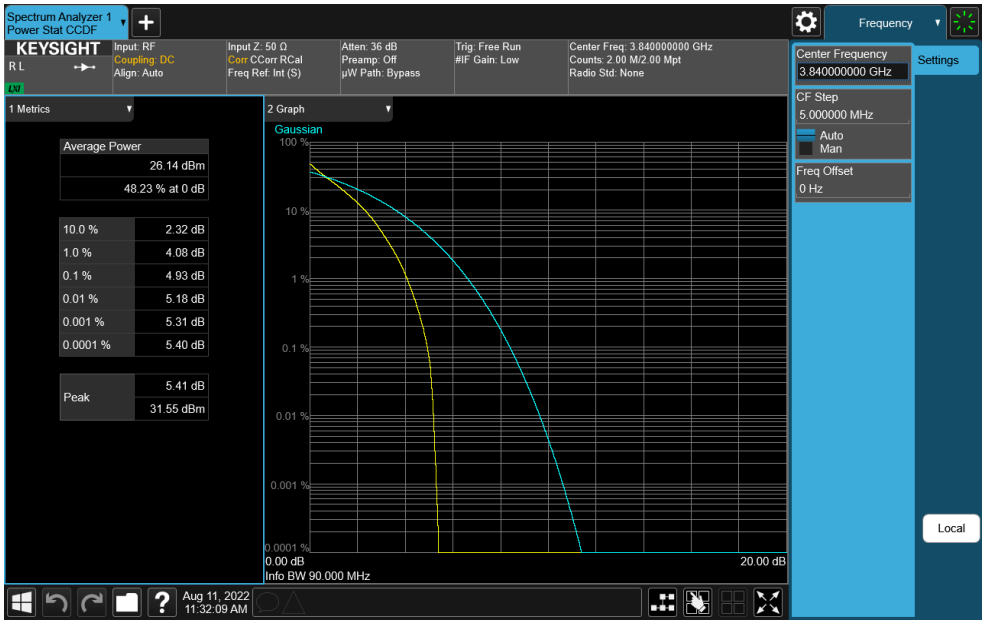
Plot 7-223. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 64-QAM - Full RB)



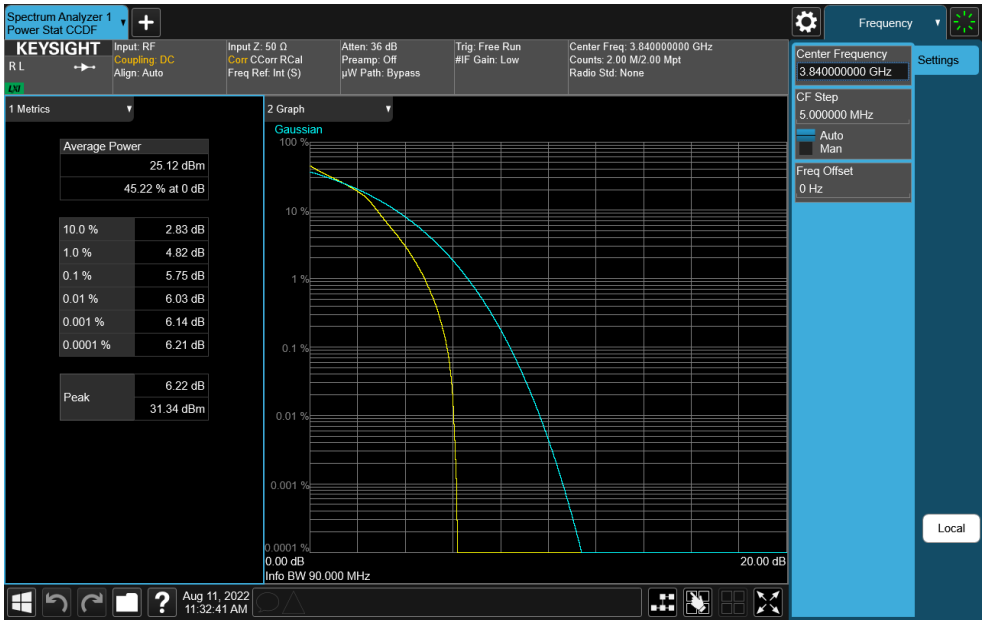
Plot 7-224. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 256-QAM - Full RB)



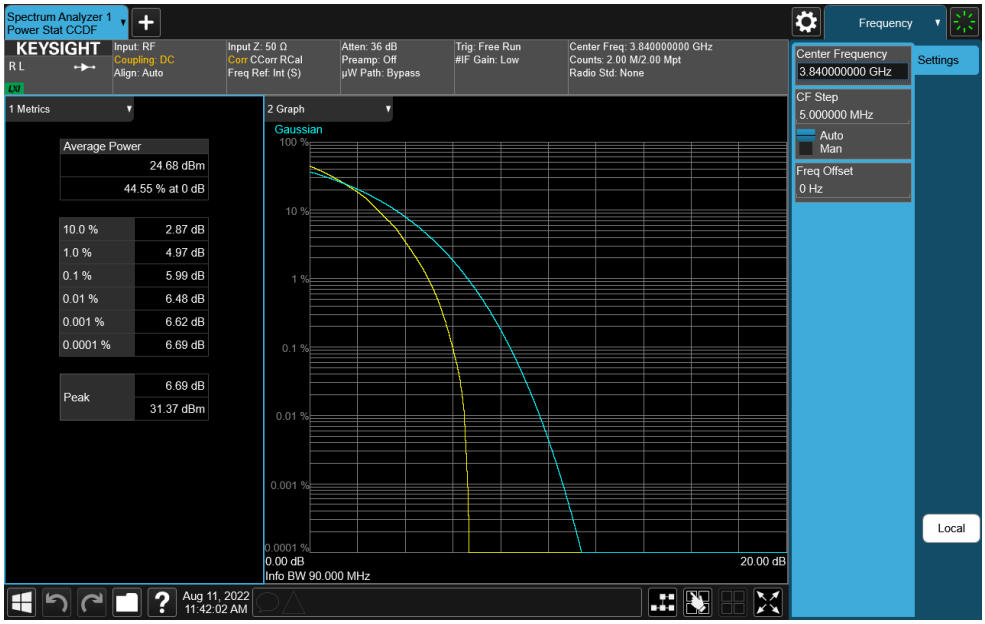
Plot 7-225. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM π/2 BPSK - Full RB)



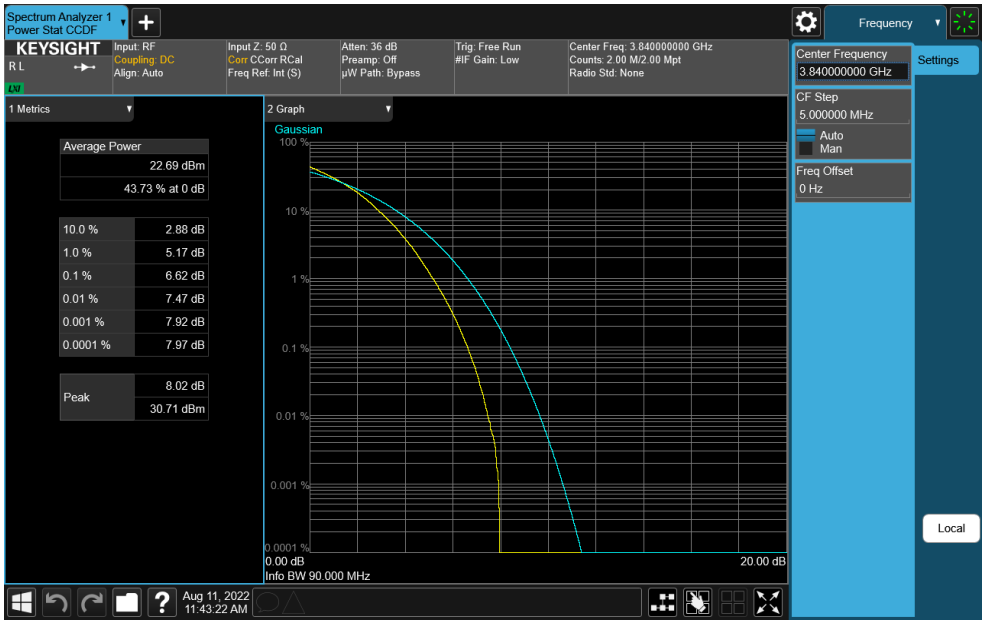
Plot 7-226. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM QPSK - Full RB)



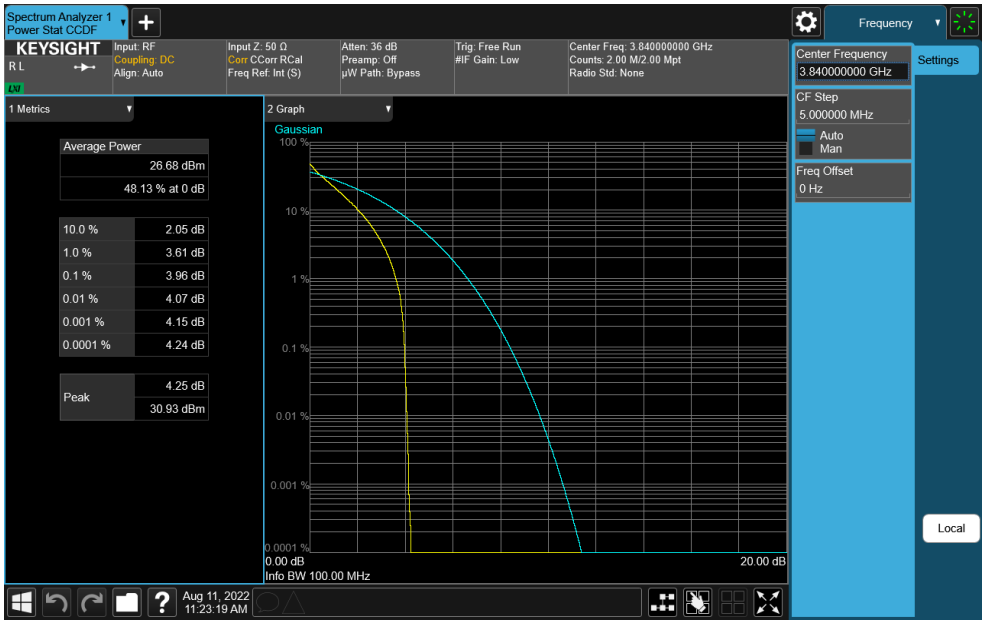
Plot 7-227. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 16-QAM - Full RB)



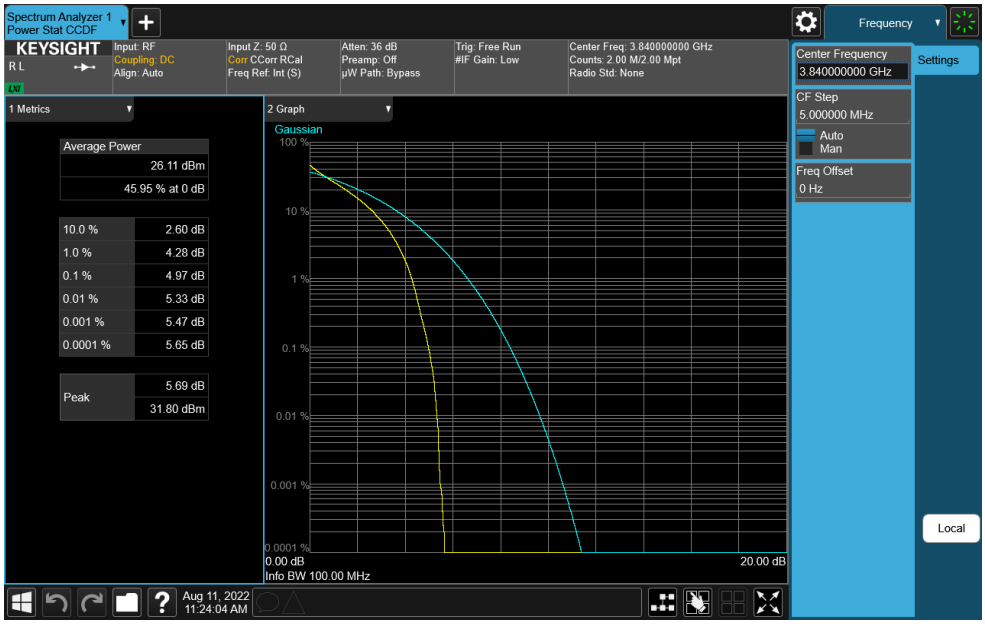
Plot 7-228. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 64-QAM - Full RB)



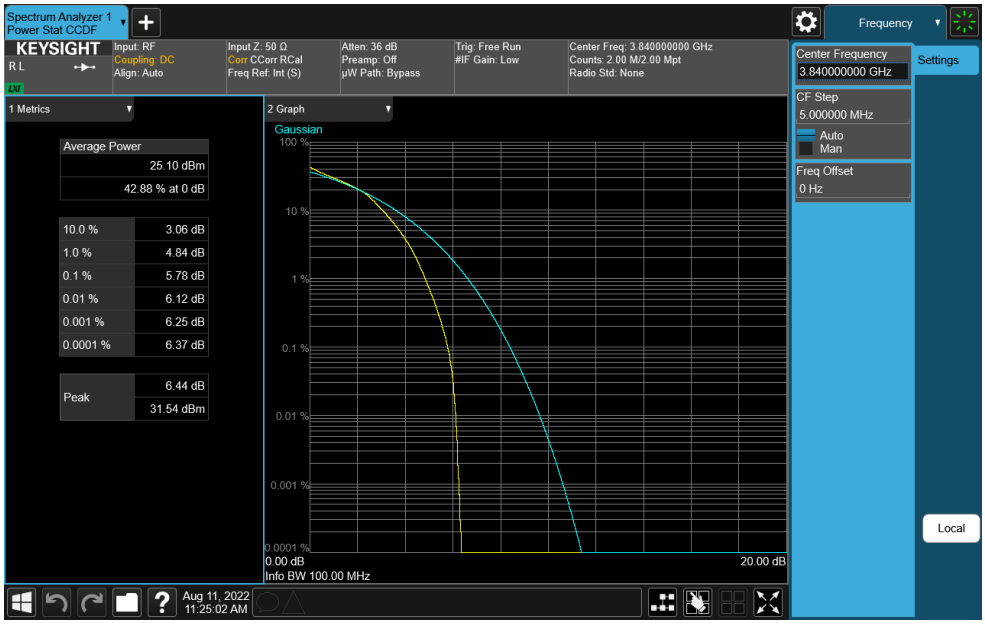
Plot 7-229. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)



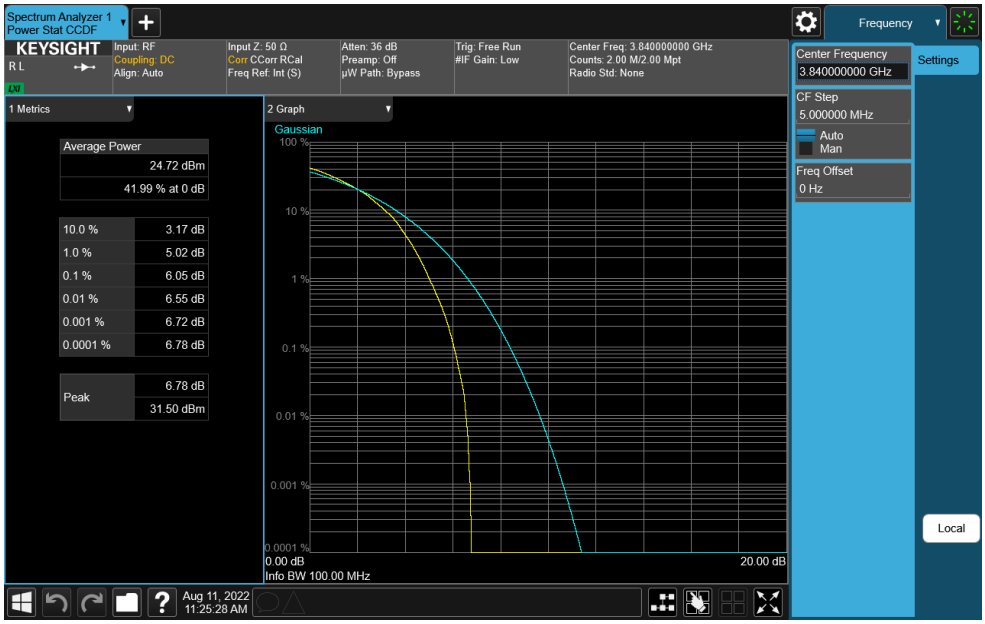
Plot 7-230. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM π/2 BPSK - Full RB)



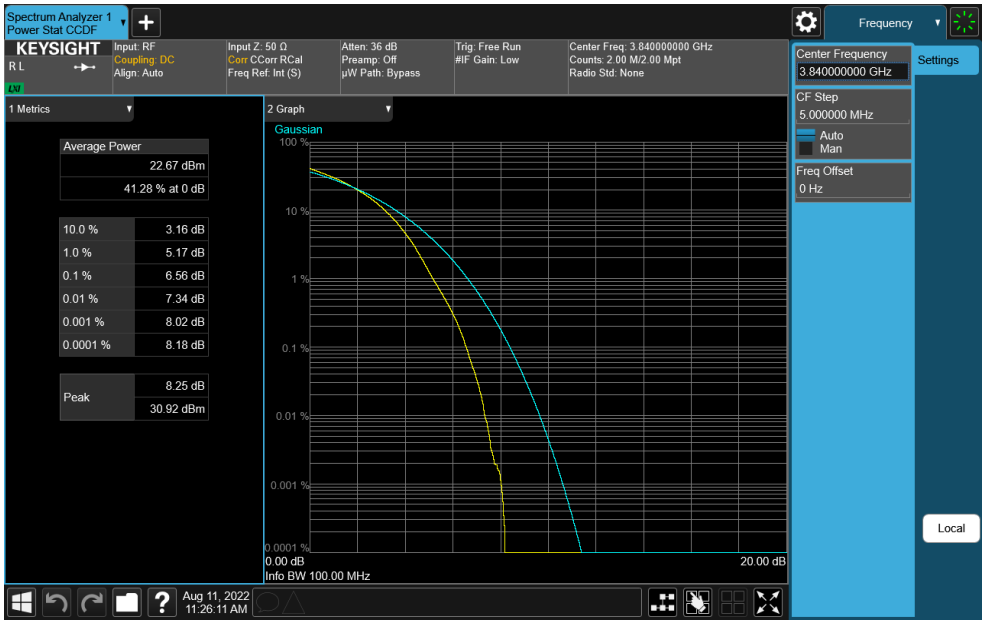
Plot 7-231. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-232. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-233. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 64-QAM - Full RB)



Plot 7-234. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 256-QAM - Full RB)

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:

EIRP = PMeas – LC + 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.

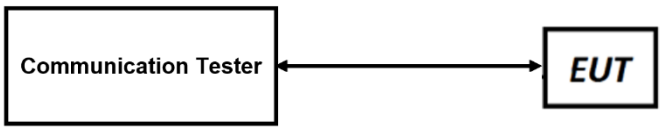


Figure 7-5. EIRP Measurement Setup

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.

7.6.1 Antenna 3B – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	π/2 BPSK	3460.02	2.20	1 / 37	26.44	28.64	0.732	33.01	-4.37
		3500.01	2.20	1 / 13	26.65	28.85	0.767	33.01	-4.16
		3540.00	2.20	1 / 13	26.80	**29.00**	0.794	33.01	-4.01
	QPSK	3460.02	2.20	1 / 13	26.67	28.87	0.770	33.01	-4.14
		3500.01	2.20	1 / 25	26.50	28.70	0.742	33.01	-4.31
		3540.00	2.20	1 / 25	26.43	28.63	0.729	33.01	-4.38
	16-QAM	3460.02	2.20	1 / 13	26.02	28.22	0.663	33.01	-4.79
	64-QAM	3500.01	2.20	1 / 13	25.03	27.23	0.528	33.01	-5.78
	256-QAM	3500.01	2.20	1 / 13	23.44	25.64	0.366	33.01	-7.37
30 MHz	π/2 BPSK	3465.00	2.20	1 / 58	26.80	29.00	0.794	33.01	-4.01
		3500.01	2.20	1 / 39	26.80	**29.00**	0.794	33.01	-4.01
		3534.99	2.20	1 / 39	26.61	28.81	0.760	33.01	-4.20
	QPSK	3465.00	2.20	1 / 58	26.34	28.54	0.714	33.01	-4.47
		3500.01	2.20	1 / 39	26.57	28.77	0.754	33.01	-4.24
		3534.99	2.20	1 / 19	26.50	28.70	0.741	33.01	-4.31
	16-QAM	3500.01	2.20	1 / 39	25.48	27.68	0.587	33.01	-5.33
	64-QAM	3465.00	2.20	1 / 19	24.72	26.92	0.492	33.01	-6.09
	256-QAM	3534.99	2.20	1 / 58	22.94	25.14	0.327	33.01	-7.87
40 MHz	π/2 BPSK	3470.01	2.20	1 / 79	26.62	28.82	0.762	33.01	-4.19
		3500.01	2.20	1 / 26	26.62	28.82	0.763	33.01	-4.19
		3529.98	2.20	1 / 79	26.39	28.59	0.723	33.01	-4.42
	QPSK	3470.01	2.20	1 / 26	26.74	**28.94**	0.784	33.01	-4.07
		3500.01	2.20	1 / 79	26.56	28.76	0.752	33.01	-4.25
		3529.98	2.20	1 / 26	26.47	28.67	0.736	33.01	-4.34
	16-QAM	3470.01	2.20	1 / 79	26.01	28.21	0.662	33.01	-4.80
	64-QAM	3500.01	2.20	1 / 79	25.06	27.26	0.531	33.01	-5.76
	256-QAM	3529.98	2.20	1 / 79	23.22	25.42	0.348	33.01	-7.59
50 MHz	π/2 BPSK	3475.02	2.20	1 / 99	26.67	**28.87**	0.771	33.01	-4.14
		3500.01	2.20	1 / 33	26.54	28.74	0.748	33.01	-4.27
		3525.00	2.20	1 / 66	26.44	28.64	0.731	33.01	-4.37
	QPSK	3475.02	2.20	1 / 33	26.39	28.59	0.722	33.01	-4.42
		3500.01	2.20	1 / 99	26.42	28.62	0.727	33.01	-4.39
		3525.00	2.20	1 / 99	26.35	28.55	0.716	33.01	-4.46
	16-QAM	3525.00	2.20	1 / 99	25.99	28.19	0.659	33.01	-4.82
	64-QAM	3475.02	2.20	1 / 66	24.75	26.95	0.496	33.01	-6.06
	256-QAM	3525.00	2.20	1 / 66	23.26	25.46	0.351	33.01	-7.55
60 MHz	π/2 BPSK	3480.00	2.20	1 / 81	26.38	28.58	0.721	33.01	-4.43
		3500.01	2.20	1 / 40	26.23	28.43	0.697	33.01	-4.58
		3519.99	2.20	1 / 81	26.23	28.43	0.697	33.01	-4.58
	QPSK	3480.00	2.20	1 / 121	26.57	**28.77**	0.753	33.01	-4.24
		3500.01	2.20	1 / 40	26.35	28.55	0.716	33.01	-4.46
		3519.99	2.20	1 / 40	26.51	28.71	0.743	33.01	-4.30
	16-QAM	3500.01	2.20	1 / 81	25.95	28.15	0.653	33.01	-4.86
	64-QAM	3519.99	2.20	1 / 40	24.82	27.02	0.503	33.01	-6.00
	256-QAM	3500.01	2.20	1 / 121	23.25	25.45	0.351	33.01	-7.56
70 MHz	π/2 BPSK	3485.01	2.20	1 / 141	26.62	28.82	0.763	33.01	-4.19
		3500.01	2.20	1 / 94	26.63	28.83	0.763	33.01	-4.18
		3514.98	2.20	1 / 94	26.44	28.64	0.731	33.01	-4.37
	QPSK	3485.01	2.20	1 / 141	26.46	28.66	0.735	33.01	-4.35
		3500.01	2.20	1 / 94	26.70	**28.90**	0.776	33.01	-4.11
		3514.98	2.20	1 / 47	26.63	28.83	0.763	33.01	-4.18
	16-QAM	3500.01	2.20	1 / 47	26.05	28.25	0.668	33.01	-4.76
	64-QAM	3485.01	2.20	1 / 47	25.25	27.45	0.556	33.01	-5.56
	256-QAM	3514.98	2.20	1 / 141	23.58	25.78	0.378	33.01	-7.23
80 MHz	π/2 BPSK	3490.02	2.20	1 / 54	26.53	28.73	0.746	33.01	-4.28
		3500.01	2.20	1 / 54	26.59	28.79	0.756	33.01	-4.22
		3510.00	2.20	1 / 108	26.70	**28.90**	0.777	33.01	-4.11
	QPSK	3490.02	2.20	1 / 54	26.58	28.78	0.755	33.01	-4.23
		3500.01	2.20	1 / 108	26.48	28.68	0.738	33.01	-4.33
		3510.00	2.20	1 / 108	26.39	28.59	0.723	33.01	-4.42
	16-QAM	3500.01	2.20	1 / 108	25.99	28.19	0.659	33.01	-4.82
	64-QAM	3510.00	2.20	1 / 54	25.12	27.32	0.539	33.01	-5.69
	256-QAM	3500.01	2.20	1 / 162	23.22	25.42	0.348	33.01	-7.59
90 MHz	π/2 BPSK	3495.00	2.20	1 / 61	26.51	28.71	0.743	33.01	-4.30
		3500.01	2.20	1 / 61	26.42	28.62	0.729	33.01	-4.39
		3504.99	2.20	1 / 183	26.52	28.72	0.744	33.01	-4.29
	QPSK	3495.00	2.20	1 / 122	26.56	**28.76**	0.751	33.01	-4.26
		3500.01	2.20	1 / 183	26.51	28.71	0.743	33.01	-4.30
		3504.99	2.20	1 / 61	26.44	28.64	0.731	33.01	-4.37
	16-QAM	3500.01	2.20	1 / 122	25.93	28.13	0.650	33.01	-4.88
	64-QAM	3500.01	2.20	1 / 183	24.83	27.03	0.504	33.01	-5.98
	256-QAM	3495.00	2.20	1 / 122	23.26	25.46	0.351	33.01	-7.55
100 MHz	π/2 BPSK	3500.01	2.20	1 / 68	26.84	**29.04**	0.802	33.01	-3.97
	QPSK	3500.01	2.20	1 / 136	26.47	28.67	0.736	33.01	-4.34
	16-QAM	3500.01	2.20	1 / 136	25.52	27.72	0.592	33.01	-5.29
	64-QAM	3500.01	2.20	1 / 68	24.31	26.51	0.448	33.01	-6.50
	256-QAM	3500.01	2.20	1 / 136	22.66	24.86	0.306	33.01	-8.15

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

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	π/2 BPSK	3460.02	2.20	1 / 37	25.53	27.73	0.592	33.01	-5.28
		3500.01	2.20	1 / 37	25.65	27.85	0.610	33.01	-5.16
		3540.00	2.20	1 / 25	25.70	**27.90**	0.617	33.01	-5.11
	QPSK	3460.02	2.20	1 / 37	25.39	27.59	0.574	33.01	-5.42
		3500.01	2.20	1 / 13	25.58	27.78	0.600	33.01	-5.23
		3540.00	2.20	1 / 13	25.38	27.58	0.573	33.01	-5.43
	16-QAM	3500.01	2.20	1 / 13	24.84	27.04	0.506	33.01	-5.97
	64-QAM	3460.02	2.20	1 / 37	23.14	25.34	0.342	33.01	-7.67
	256-QAM	3540.00	2.20	1 / 13	21.24	23.44	0.221	33.01	-9.57
30 MHz	π/2 BPSK	3465.00	2.20	1 / 39	25.35	27.55	0.568	33.01	-5.46
		3500.01	2.20	1 / 39	25.70	**27.90**	0.617	33.01	-5.11
		3534.99	2.20	1 / 19	25.32	27.52	0.565	33.01	-5.49
	QPSK	3465.00	2.20	1 / 19	25.05	27.25	0.530	33.01	-5.77
		3500.01	2.20	1 / 39	25.21	27.41	0.551	33.01	-5.60
		3534.99	2.20	1 / 19	25.14	27.34	0.543	33.01	-5.67
	16-QAM	3500.01	2.20	1 / 19	23.91	26.11	0.408	33.01	-6.90
	64-QAM	3500.01	2.20	1 / 58	23.03	25.23	0.333	33.01	-7.78
	256-QAM	3500.01	2.20	1 / 19	20.90	23.10	0.204	33.01	-9.91
40 MHz	π/2 BPSK	3470.01	2.20	1 / 79	25.38	27.58	0.572	33.01	-5.43
		3500.01	2.20	1 / 79	25.55	27.75	0.596	33.01	-5.26
		3529.98	2.20	1 / 79	25.55	27.75	0.596	33.01	-5.26
	QPSK	3470.01	2.20	1 / 79	25.70	**27.90**	0.617	33.01	-5.11
		3500.01	2.20	1 / 79	25.63	27.83	0.607	33.01	-5.18
		3529.98	2.20	1 / 79	25.65	27.85	0.610	33.01	-5.16
	16-QAM	3470.01	2.20	1 / 26	24.79	26.99	0.500	33.01	-6.02
	64-QAM	3500.01	2.20	1 / 26	23.29	25.49	0.354	33.01	-7.52
	256-QAM	3470.01	2.20	1 / 26	21.24	23.44	0.221	33.01	-9.57
50 MHz	π/2 BPSK	3475.02	2.20	1 / 66	25.57	27.77	0.598	33.01	-5.24
		3500.01	2.20	1 / 99	25.34	27.54	0.568	33.01	-5.47
		3525.00	2.20	1 / 99	25.70	**27.90**	0.617	33.01	-5.11
	QPSK	3475.02	2.20	1 / 99	25.49	27.69	0.587	33.01	-5.32
		3500.01	2.20	1 / 99	25.44	27.64	0.580	33.01	-5.37
		3525.00	2.20	1 / 33	25.54	27.74	0.594	33.01	-5.27
	16-QAM	3500.01	2.20	1 / 99	24.70	26.90	0.490	33.01	-6.11
	64-QAM	3525.00	2.20	1 / 66	23.14	25.34	0.342	33.01	-7.67
	256-QAM	3500.01	2.20	1 / 99	21.20	23.40	0.219	33.01	-9.61
60 MHz	π/2 BPSK	3480.00	2.20	1 / 81	25.35	27.55	0.568	33.01	-5.46
		3500.01	2.20	1 / 81	25.70	**27.90**	0.617	33.01	-5.11
		3519.99	2.20	1 / 40	25.34	27.54	0.568	33.01	-5.47
	QPSK	3480.00	2.20	1 / 40	25.38	27.58	0.572	33.01	-5.44
		3500.01	2.20	1 / 81	25.56	27.76	0.598	33.01	-5.25
		3519.99	2.20	1 / 40	25.47	27.67	0.585	33.01	-5.34
	16-QAM	3500.01	2.20	1 / 40	24.71	26.91	0.491	33.01	-6.10
	64-QAM	3500.01	2.20	1 / 121	23.02	25.22	0.333	33.01	-7.79
	256-QAM	3480.00	2.20	1 / 121	20.93	23.13	0.206	33.01	-9.88
70 MHz	π/2 BPSK	3485.01	2.20	1 / 141	25.44	27.64	0.581	33.01	-5.37
		3500.01	2.20	1 / 47	25.70	**27.90**	0.617	33.01	-5.11
		3514.98	2.20	1 / 47	25.62	27.82	0.606	33.01	-5.19
	QPSK	3485.01	2.20	1 / 47	25.46	27.66	0.583	33.01	-5.36
		3500.01	2.20	1 / 47	25.53	27.73	0.593	33.01	-5.28
		3514.98	2.20	1 / 94	25.56	27.76	0.597	33.01	-5.25
	16-QAM	3500.01	2.20	1 / 47	24.92	27.12	0.515	33.01	-5.89
	64-QAM	3514.98	2.20	1 / 94	23.31	25.51	0.356	33.01	-7.50
	256-QAM	3514.98	2.20	1 / 94	20.96	23.16	0.207	33.01	-9.85
80 MHz	π/2 BPSK	3490.02	2.20	1 / 54	25.12	27.32	0.540	33.01	-5.69
		3500.01	2.20	1 / 108	25.63	27.83	0.607	33.01	-5.18
		3510.00	2.20	1 / 54	25.49	27.69	0.587	33.01	-5.32
	QPSK	3490.02	2.20	1 / 108	25.70	**27.90**	0.617	33.01	-5.11
		3500.01	2.20	1 / 54	25.23	27.43	0.554	33.01	-5.58
		3510.00	2.20	1 / 54	25.26	27.46	0.557	33.01	-5.56
	16-QAM	3500.01	2.20	1 / 54	24.51	26.71	0.468	33.01	-6.30
	64-QAM	3500.01	2.20	1 / 54	23.05	25.25	0.335	33.01	-7.76
	256-QAM	3510.00	2.20	1 / 54	20.95	23.15	0.207	33.01	-9.86
90 MHz	π/2 BPSK	3495.00	2.20	1 / 122	25.70	**27.90**	0.617	33.01	-5.11
		3500.01	2.20	1 / 61	25.51	27.71	0.591	33.01	-5.30
		3504.99	2.20	1 / 61	25.44	27.64	0.581	33.01	-5.37
	QPSK	3495.00	2.20	1 / 183	25.44	27.64	0.581	33.01	-5.37
		3500.01	2.20	1 / 61	25.37	27.57	0.572	33.01	-5.44
		3504.99	2.20	1 / 122	25.36	27.56	0.570	33.01	-5.45
	16-QAM	3500.01	2.20	1 / 61	24.87	27.07	0.510	33.01	-5.94
	64-QAM	3500.01	2.20	1 / 61	23.31	25.51	0.356	33.01	-7.50
	256-QAM	3495.00	2.20	1 / 183	21.15	23.35	0.216	33.01	-9.66
100 MHz	π/2 BPSK	3500.01	2.20	1 / 136	25.70	**27.90**	0.617	33.01	-5.11
	QPSK	3500.01	2.20	1 / 136	25.21	27.41	0.551	33.01	-5.60
	16-QAM	3500.01	2.20	1 / 68	23.91	26.11	0.408	33.01	-6.90
	64-QAM	3500.01	2.20	1 / 204	23.03	25.23	0.333	33.01	-7.78
	256-QAM	3500.01	2.20	1 / 204	20.95	23.15	0.207	33.01	-9.86

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