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**1 Transmitter Radiated Power for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Antenna Gain (dBi)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	Limt (dBm)	Verdict
n5	30	10	165800	1@1	DFT_BPSK	23.00	-5.33	-7.48	15.52	38.45	Pass
n5	30	10	165800	24@0	DFT_QPSK	22.00	-5.33	-7.48	14.52	38.45	Pass
n5	30	10	165800	12@6	DFT_QPSK	23.02	-5.33	-7.48	15.54	38.45	Pass
n5	30	10	165800	1@1	DFT_QPSK	23.5	-5.33	-7.48	16.02	38.45	Pass
n5	30	10	165800	1@22	DFT_QPSK	23.4	-5.33	-7.48	15.92	38.45	Pass
n5	30	10	165800	1@1	DFT_QAM16	21.84	-5.33	-7.48	14.36	38.45	Pass
n5	30	10	165800	1@1	DFT_QAM64	19.31	-5.33	-7.48	11.83	38.45	Pass
n5	30	10	165800	1@1	DFT_QAM256	18.56	-5.33	-7.48	11.08	38.45	Pass
n5	30	10	165800	1@1	CP_QPSK	20.66	-5.33	-7.48	13.18	38.45	Pass
n5	30	10	167300	1@1	DFT_BPSK	23.13	-5.33	-7.48	15.65	38.45	Pass
n5	30	10	167300	24@0	DFT_QPSK	21.91	-5.33	-7.48	14.43	38.45	Pass
n5	30	10	167300	12@6	DFT_QPSK	22.98	-5.33	-7.48	15.50	38.45	Pass
n5	30	10	167300	1@1	DFT_QPSK	23.14	-5.33	-7.48	15.66	38.45	Pass
n5	30	10	167300	1@22	DFT_QPSK	23.04	-5.33	-7.48	15.56	38.45	Pass
n5	30	10	167300	1@1	DFT_QAM16	21.87	-5.33	-7.48	14.39	38.45	Pass
n5	30	10	167300	1@1	DFT_QAM64	19.51	-5.33	-7.48	12.03	38.45	Pass
n5	30	10	167300	1@1	DFT_QAM256	18.5	-5.33	-7.48	11.02	38.45	Pass
n5	30	10	167300	1@1	CP_QPSK	21.12	-5.33	-7.48	13.64	38.45	Pass
n5	30	10	168800	1@1	DFT_BPSK	22.96	-5.33	-7.48	15.48	38.45	Pass
n5	30	10	168800	24@0	DFT_QPSK	21.72	-5.33	-7.48	14.24	38.45	Pass
n5	30	10	168800	12@6	DFT_QPSK	22.93	-5.33	-7.48	15.45	38.45	Pass
n5	30	10	168800	1@1	DFT_QPSK	22.86	-5.33	-7.48	15.38	38.45	Pass
n5	30	10	168800	1@22	DFT_QPSK	21.64	-5.33	-7.48	14.16	38.45	Pass
n5	30	10	168800	1@1	DFT_QAM16	21.69	-5.33	-7.48	14.21	38.45	Pass
n5	30	10	168800	1@1	DFT_QAM64	20.6	-5.33	-7.48	13.12	38.45	Pass
n5	30	10	168800	1@1	DFT_QAM256	17.47	-5.33	-7.48	9.99	38.45	Pass
n5	30	10	168800	1@1	CP_QPSK	21.4	-5.33	-7.48	13.92	38.45	Pass
n5	30	15	166300	1@1	DFT_BPSK	21.93	-5.33	-7.48	14.45	38.45	Pass
n5	30	15	166300	36@0	DFT_QPSK	21.97	-5.33	-7.48	14.49	38.45	Pass
n5	30	15	166300	18@9	DFT_QPSK	23.02	-5.33	-7.48	15.54	38.45	Pass
n5	30	15	166300	1@1	DFT_QPSK	21.7	-5.33	-7.48	14.22	38.45	Pass
n5	30	15	166300	1@36	DFT_QPSK	22.6	-5.33	-7.48	15.12	38.45	Pass
n5	30	15	166300	1@1	DFT_QAM16	22.06	-5.33	-7.48	14.58	38.45	Pass
n5	30	15	166300	1@1	DFT_QAM64	19.34	-5.33	-7.48	11.86	38.45	Pass
n5	30	15	166300	1@1	DFT_QAM256	19.1	-5.33	-7.48	11.62	38.45	Pass
n5	30	15	166300	1@1	CP_QPSK	21.68	-5.33	-7.48	14.20	38.45	Pass
n5	30	15	167300	1@1	DFT_BPSK	22.94	-5.33	-7.48	15.46	38.45	Pass
n5	30	15	167300	36@0	DFT_QPSK	22	-5.33	-7.48	14.52	38.45	Pass
n5	30	15	167300	18@9	DFT_QPSK	22.92	-5.33	-7.48	15.44	38.45	Pass

n5	30	15	167300	1@1	DFT_QPSK	23.44	-5.33	-7.48	15.96	38.45	Pass
n5	30	15	167300	1@36	DFT_QPSK	23.48	-5.33	-7.48	16.00	38.45	Pass
n5	30	15	167300	1@1	DFT_QAM16	21.11	-5.33	-7.48	13.63	38.45	Pass
n5	30	15	167300	1@1	DFT_QAM64	20.96	-5.33	-7.48	13.48	38.45	Pass
n5	30	15	167300	1@1	DFT_QAM256	18.5	-5.33	-7.48	11.02	38.45	Pass
n5	30	15	167300	1@1	CP_QPSK	20.32	-5.33	-7.48	12.84	38.45	Pass
n5	30	15	168300	1@1	DFT_BPSK	23.09	-5.33	-7.48	15.61	38.45	Pass
n5	30	15	168300	36@0	DFT_QPSK	21.84	-5.33	-7.48	14.36	38.45	Pass
n5	30	15	168300	18@9	DFT_QPSK	21.74	-5.33	-7.48	14.26	38.45	Pass
n5	30	15	168300	1@1	DFT_QPSK	22.86	-5.33	-7.48	15.38	38.45	Pass
n5	30	15	168300	1@36	DFT_QPSK	22.51	-5.33	-7.48	15.03	38.45	Pass
n5	30	15	168300	1@1	DFT_QAM16	21.87	-5.33	-7.48	14.39	38.45	Pass
n5	30	15	168300	1@1	DFT_QAM64	21.3	-5.33	-7.48	13.82	38.45	Pass
n5	30	15	168300	1@1	DFT_QAM256	19.08	-5.33	-7.48	11.60	38.45	Pass
n5	30	15	168300	1@1	CP_QPSK	20.68	-5.33	-7.48	13.20	38.45	Pass
n5	30	20	166800	1@1	DFT_BPSK	21.95	-5.33	-7.48	14.47	38.45	Pass
n5	30	20	166800	50@0	DFT_QPSK	22.03	-5.33	-7.48	14.55	38.45	Pass
n5	30	20	166800	25@12	DFT_QPSK	23.02	-5.33	-7.48	15.54	38.45	Pass
n5	30	20	166800	1@1	DFT_QPSK	21.94	-5.33	-7.48	14.46	38.45	Pass
n5	30	20	166800	1@49	DFT_QPSK	22.9	-5.33	-7.48	15.42	38.45	Pass
n5	30	20	166800	1@1	DFT_QAM16	22.41	-5.33	-7.48	14.93	38.45	Pass
n5	30	20	166800	1@1	DFT_QAM64	19.31	-5.33	-7.48	11.83	38.45	Pass
n5	30	20	166800	1@1	DFT_QAM256	19.17	-5.33	-7.48	11.69	38.45	Pass
n5	30	20	166800	1@1	CP_QPSK	21.81	-5.33	-7.48	14.33	38.45	Pass
n5	30	20	167300	1@1	DFT_BPSK	22.16	-5.33	-7.48	14.68	38.45	Pass
n5	30	20	167300	50@0	DFT_QPSK	20.84	-5.33	-7.48	13.36	38.45	Pass
n5	30	20	167300	25@12	DFT_QPSK	22.97	-5.33	-7.48	15.49	38.45	Pass
n5	30	20	167300	1@1	DFT_QPSK	21.96	-5.33	-7.48	14.48	38.45	Pass
n5	30	20	167300	1@49	DFT_QPSK	22.87	-5.33	-7.48	15.39	38.45	Pass
n5	30	20	167300	1@1	DFT_QAM16	21.97	-5.33	-7.48	14.49	38.45	Pass
n5	30	20	167300	1@1	DFT_QAM64	20.91	-5.33	-7.48	13.43	38.45	Pass
n5	30	20	167300	1@1	DFT_QAM256	18.94	-5.33	-7.48	11.46	38.45	Pass
n5	30	20	167300	1@1	CP_QPSK	21.44	-5.33	-7.48	13.96	38.45	Pass
n5	30	20	167800	1@1	DFT_BPSK	23.1	-5.33	-7.48	15.62	38.45	Pass
n5	30	20	167800	50@0	DFT_QPSK	20.82	-5.33	-7.48	13.34	38.45	Pass
n5	30	20	167800	25@12	DFT_QPSK	22.96	-5.33	-7.48	15.48	38.45	Pass
n5	30	20	167800	1@1	DFT_QPSK	22.89	-5.33	-7.48	15.41	38.45	Pass
n5	30	20	167800	1@49	DFT_QPSK	22.62	-5.33	-7.48	15.14	38.45	Pass
n5	30	20	167800	1@1	DFT_QAM16	22.01	-5.33	-7.48	14.53	38.45	Pass
n5	30	20	167800	1@1	DFT_QAM64	21	-5.33	-7.48	13.52	38.45	Pass
n5	30	20	167800	1@1	DFT_QAM256	18.82	-5.33	-7.48	11.34	38.45	Pass
n5	30	20	167800	1@1	CP_QPSK	21.46	-5.33	-7.48	13.98	38.45	Pass

**2 Frequency stability for NR FR1(Voltage:3.45V, Temperature:-10° C Worst data)**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
n5	30	10	165800	12@6	DFT_BPSK	-7.46	-0.00900	-2.5	2.5	PASS
n5	30	10	165800	1@1	DFT_BPSK	-6.76	-0.00815	-2.5	2.5	PASS
n5	30	10	165800	1@22	DFT_BPSK	-5.97	-0.00720	-2.5	2.5	PASS
n5	30	10	165800	12@6	DFT_QPSK	-7.83	-0.00945	-2.5	2.5	PASS
n5	30	10	165800	1@1	DFT_QPSK	-8.90	-0.01074	-2.5	2.5	PASS
n5	30	10	165800	1@22	DFT_QPSK	-8.42	-0.01016	-2.5	2.5	PASS
n5	30	10	167300	12@6	DFT_BPSK	-13.07	-0.01562	-2.5	2.5	PASS
n5	30	10	167300	1@1	DFT_BPSK	-10.77	-0.01288	-2.5	2.5	PASS
n5	30	10	167300	1@22	DFT_BPSK	-11.46	-0.01370	-2.5	2.5	PASS
n5	30	10	167300	12@6	DFT_QPSK	-12.99	-0.01553	-2.5	2.5	PASS
n5	30	10	167300	1@1	DFT_QPSK	-16.40	-0.01961	-2.5	2.5	PASS
n5	30	10	167300	1@22	DFT_QPSK	-17.88	-0.02137	-2.5	2.5	PASS
n5	30	10	168800	12@6	DFT_BPSK	-8.69	-0.01030	-2.5	2.5	PASS
n5	30	10	168800	1@1	DFT_BPSK	-6.87	-0.00814	-2.5	2.5	PASS
n5	30	10	168800	1@22	DFT_BPSK	-10.26	-0.01216	-2.5	2.5	PASS
n5	30	10	168800	12@6	DFT_QPSK	-9.63	-0.01141	-2.5	2.5	PASS
n5	30	10	168800	1@1	DFT_QPSK	-9.40	-0.01114	-2.5	2.5	PASS
n5	30	10	168800	1@22	DFT_QPSK	-8.37	-0.00992	-2.5	2.5	PASS
n5	30	15	166300	18@9	DFT_BPSK	-5.38	-0.00647	-2.5	2.5	PASS
n5	30	15	166300	1@1	DFT_BPSK	-7.56	-0.00909	-2.5	2.5	PASS
n5	30	15	166300	1@36	DFT_BPSK	-6.72	-0.00808	-2.5	2.5	PASS
n5	30	15	166300	18@9	DFT_QPSK	-2.76	-0.00332	-2.5	2.5	PASS
n5	30	15	166300	1@1	DFT_QPSK	-5.27	-0.00634	-2.5	2.5	PASS
n5	30	15	166300	1@36	DFT_QPSK	-4.91	-0.00590	-2.5	2.5	PASS
n5	30	15	167300	18@9	DFT_BPSK	-12.14	-0.01451	-2.5	2.5	PASS
n5	30	15	167300	1@1	DFT_BPSK	-12.51	-0.01496	-2.5	2.5	PASS
n5	30	15	167300	1@36	DFT_BPSK	-13.15	-0.01572	-2.5	2.5	PASS
n5	30	15	167300	18@9	DFT_QPSK	-9.99	-0.01194	-2.5	2.5	PASS
n5	30	15	167300	1@1	DFT_QPSK	-10.81	-0.01292	-2.5	2.5	PASS
n5	30	15	167300	1@36	DFT_QPSK	-9.38	-0.01121	-2.5	2.5	PASS
n5	30	15	168300	18@9	DFT_BPSK	-3.59	-0.00427	-2.5	2.5	PASS
n5	30	15	168300	1@1	DFT_BPSK	-4.19	-0.00498	-2.5	2.5	PASS
n5	30	15	168300	1@36	DFT_BPSK	-4.43	-0.00526	-2.5	2.5	PASS
n5	30	15	168300	18@9	DFT_QPSK	-2.80	-0.00333	-2.5	2.5	PASS
n5	30	15	168300	1@1	DFT_QPSK	-7.68	-0.00913	-2.5	2.5	PASS
n5	30	15	168300	1@36	DFT_QPSK	-4.83	-0.00574	-2.5	2.5	PASS
n5	30	20	166800	25@12	DFT_BPSK	-2.78	-0.00333	-2.5	2.5	PASS
n5	30	20	166800	1@1	DFT_BPSK	-4.38	-0.00525	-2.5	2.5	PASS
n5	30	20	166800	1@49	DFT_BPSK	-4.89	-0.00586	-2.5	2.5	PASS
n5	30	20	166800	25@12	DFT_QPSK	-3.92	-0.00470	-2.5	2.5	PASS

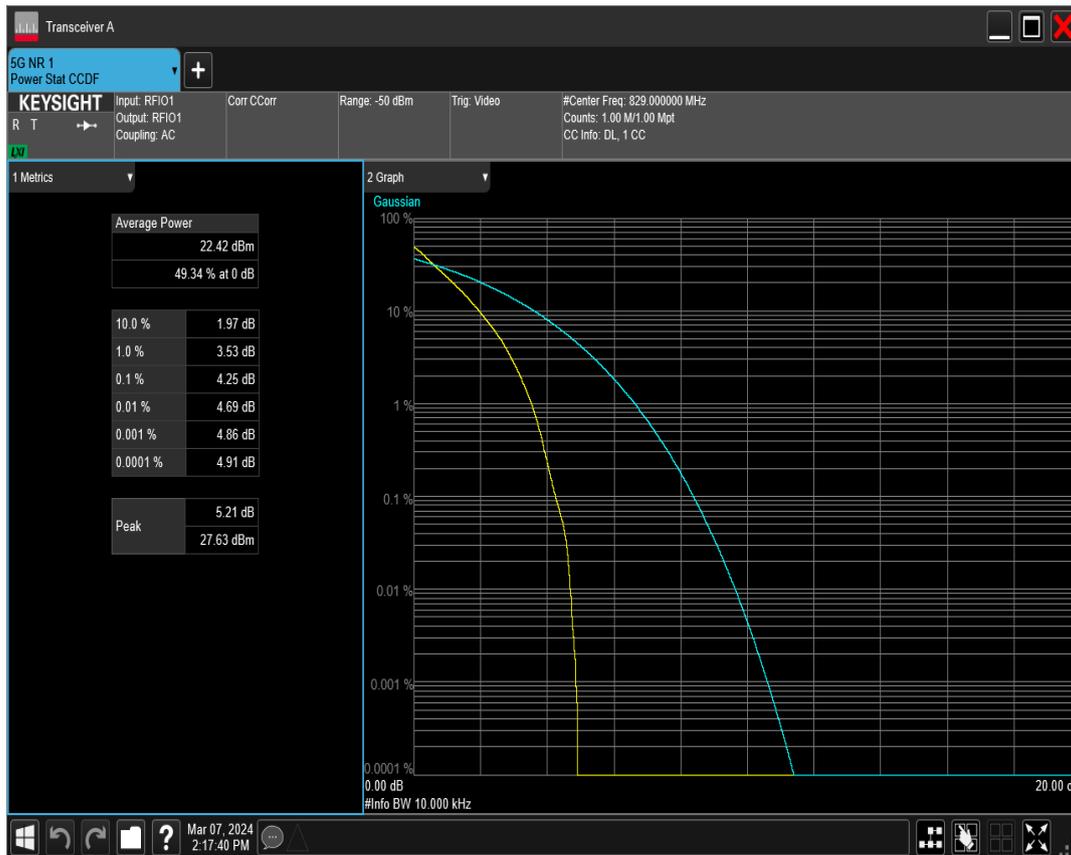
n5	30	20	166800	1@1	DFT_QPSK	-2.55	-0.00306	-2.5	2.5	PASS
n5	30	20	166800	1@49	DFT_QPSK	-2.44	-0.00293	-2.5	2.5	PASS
n5	30	20	167300	25@12	DFT_BPSK	-6.37	-0.00762	-2.5	2.5	PASS
n5	30	20	167300	1@1	DFT_BPSK	-10.11	-0.01209	-2.5	2.5	PASS
n5	30	20	167300	1@49	DFT_BPSK	-9.25	-0.01106	-2.5	2.5	PASS
n5	30	20	167300	25@12	DFT_QPSK	-7.13	-0.00852	-2.5	2.5	PASS
n5	30	20	167300	1@1	DFT_QPSK	-9.78	-0.01169	-2.5	2.5	PASS
n5	30	20	167300	1@49	DFT_QPSK	-10.97	-0.01311	-2.5	2.5	PASS
n5	30	20	167800	25@12	DFT_BPSK	-7.06	-0.00841	-2.5	2.5	PASS
n5	30	20	167800	1@1	DFT_BPSK	-5.56	-0.00663	-2.5	2.5	PASS
n5	30	20	167800	1@49	DFT_BPSK	-4.46	-0.00532	-2.5	2.5	PASS
n5	30	20	167800	25@12	DFT_QPSK	-10.10	-0.01204	-2.5	2.5	PASS
n5	30	20	167800	1@1	DFT_QPSK	-8.24	-0.00982	-2.5	2.5	PASS
n5	30	20	167800	1@49	DFT_QPSK	-7.28	-0.00868	-2.5	2.5	PASS

### 3 Peak-to-Average Ratio for NR FR1

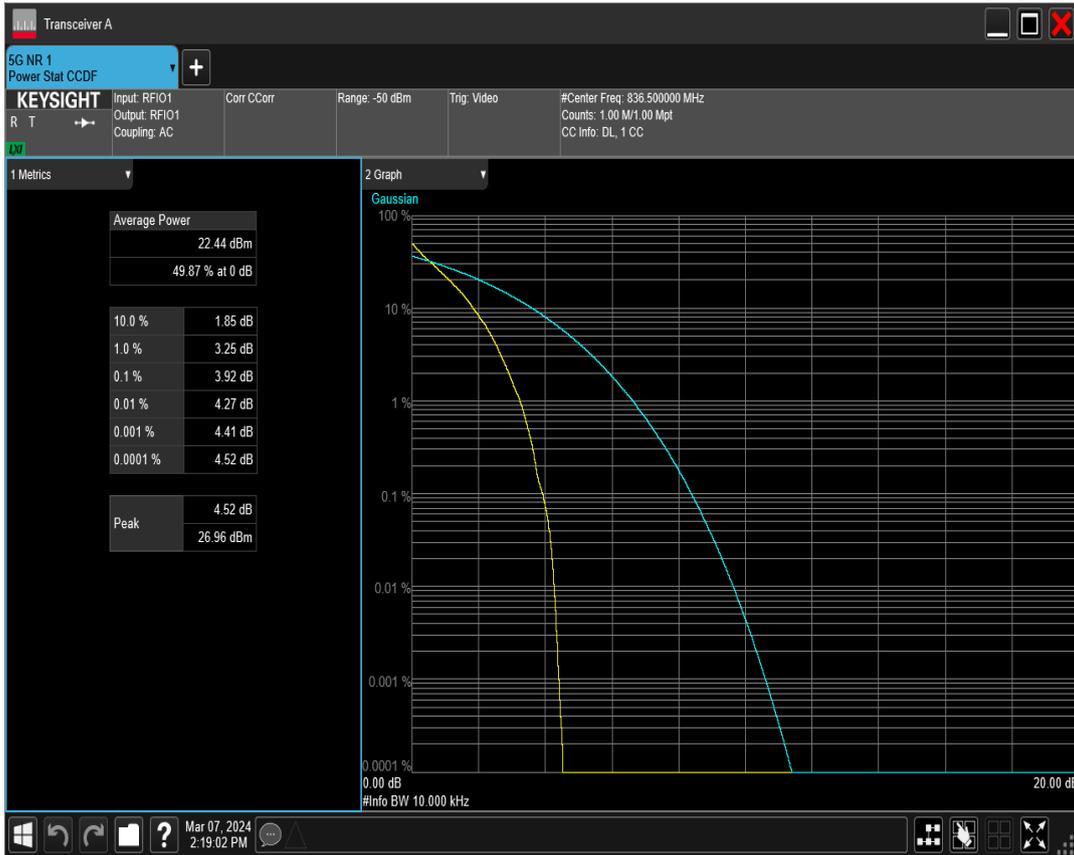
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n5	30	10	165800	24@0	DFT_BPSK	4.25	13	PASS
n5	30	10	165800	24@0	DFT_QPSK	5.44	13	PASS
n5	30	10	165800	24@0	DFT_QAM16	6.30	13	PASS
n5	30	10	165800	24@0	DFT_QAM64	6.49	13	PASS
n5	30	10	165800	24@0	DFT_QAM256	6.75	13	PASS
n5	30	10	167300	24@0	DFT_BPSK	3.92	13	PASS
n5	30	10	167300	24@0	DFT_QPSK	4.88	13	PASS
n5	30	10	167300	24@0	DFT_QAM16	5.48	13	PASS
n5	30	10	167300	24@0	DFT_QAM64	5.88	13	PASS
n5	30	10	167300	24@0	DFT_QAM256	6.49	13	PASS
n5	30	10	168800	24@0	DFT_BPSK	3.96	13	PASS
n5	30	10	168800	24@0	DFT_QPSK	4.92	13	PASS
n5	30	10	168800	24@0	DFT_QAM16	5.90	13	PASS
n5	30	10	168800	24@0	DFT_QAM64	6.15	13	PASS
n5	30	10	168800	24@0	DFT_QAM256	6.80	13	PASS
n5	30	15	166300	36@0	DFT_BPSK	4.17	13	PASS
n5	30	15	166300	36@0	DFT_QPSK	5.26	13	PASS
n5	30	15	166300	36@0	DFT_QAM16	6.13	13	PASS
n5	30	15	166300	36@0	DFT_QAM64	6.32	13	PASS
n5	30	15	166300	36@0	DFT_QAM256	6.60	13	PASS
n5	30	15	167300	36@0	DFT_BPSK	4.11	13	PASS
n5	30	15	167300	36@0	DFT_QPSK	5.13	13	PASS
n5	30	15	167300	36@0	DFT_QAM16	5.76	13	PASS
n5	30	15	167300	36@0	DFT_QAM64	6.02	13	PASS
n5	30	15	167300	36@0	DFT_QAM256	6.72	13	PASS
n5	30	15	168300	36@0	DFT_BPSK	4.06	13	PASS
n5	30	15	168300	36@0	DFT_QPSK	5.17	13	PASS

n5	30	15	168300	36@0	DFT_QAM16	5.84	13	PASS
n5	30	15	168300	36@0	DFT_QAM64	6.00	13	PASS
n5	30	15	168300	36@0	DFT_QAM256	6.42	13	PASS
n5	30	20	166800	50@0	DFT_BPSK	4.26	13	PASS
n5	30	20	166800	50@0	DFT_QPSK	5.46	13	PASS
n5	30	20	166800	50@0	DFT_QAM16	5.99	13	PASS
n5	30	20	166800	50@0	DFT_QAM64	6.28	13	PASS
n5	30	20	166800	50@0	DFT_QAM256	6.79	13	PASS
n5	30	20	167300	50@0	DFT_BPSK	4.46	13	PASS
n5	30	20	167300	50@0	DFT_QPSK	5.29	13	PASS
n5	30	20	167300	50@0	DFT_QAM16	6.05	13	PASS
n5	30	20	167300	50@0	DFT_QAM64	6.28	13	PASS
n5	30	20	167300	50@0	DFT_QAM256	6.73	13	PASS
n5	30	20	167800	50@0	DFT_BPSK	4.19	13	PASS
n5	30	20	167800	50@0	DFT_QPSK	5.30	13	PASS
n5	30	20	167800	50@0	DFT_QAM16	5.89	13	PASS
n5	30	20	167800	50@0	DFT_QAM64	6.32	13	PASS
n5	30	20	167800	50@0	DFT_QAM256	6.62	13	PASS

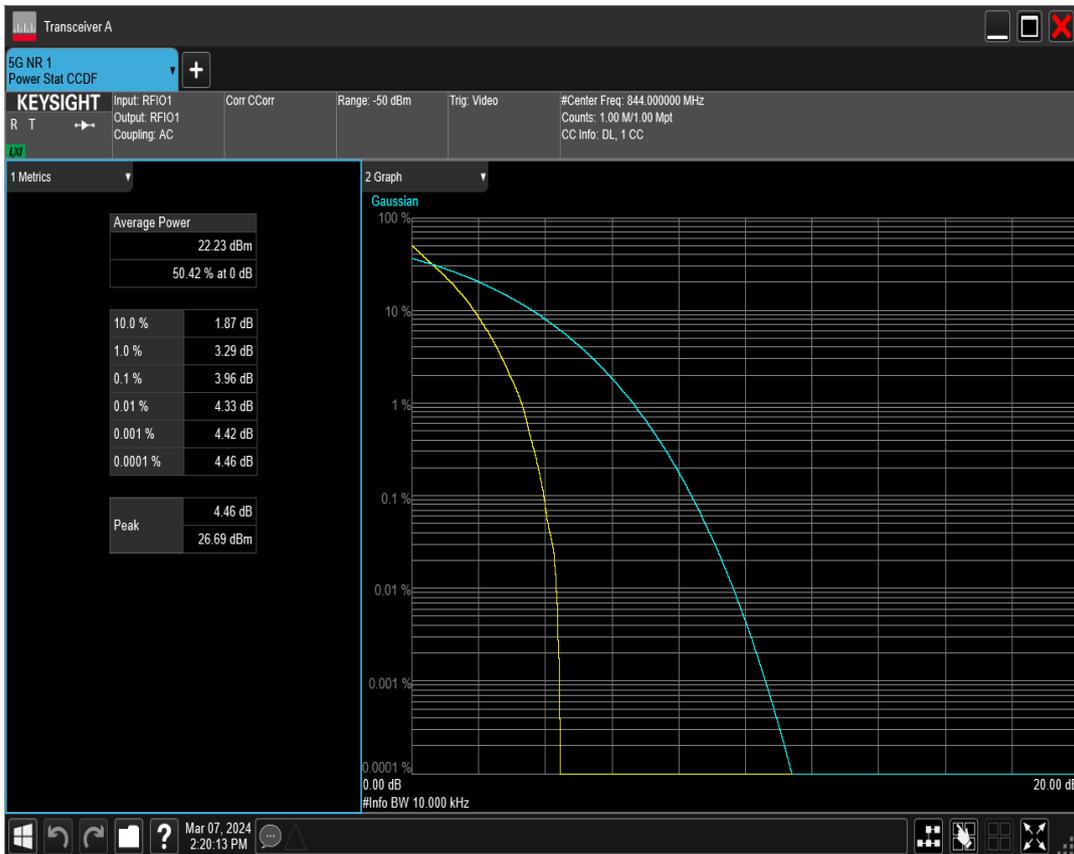
n5 SCS=30kHz DFT\_BPSK BW=10MHz Channel=165800 RB=24@0



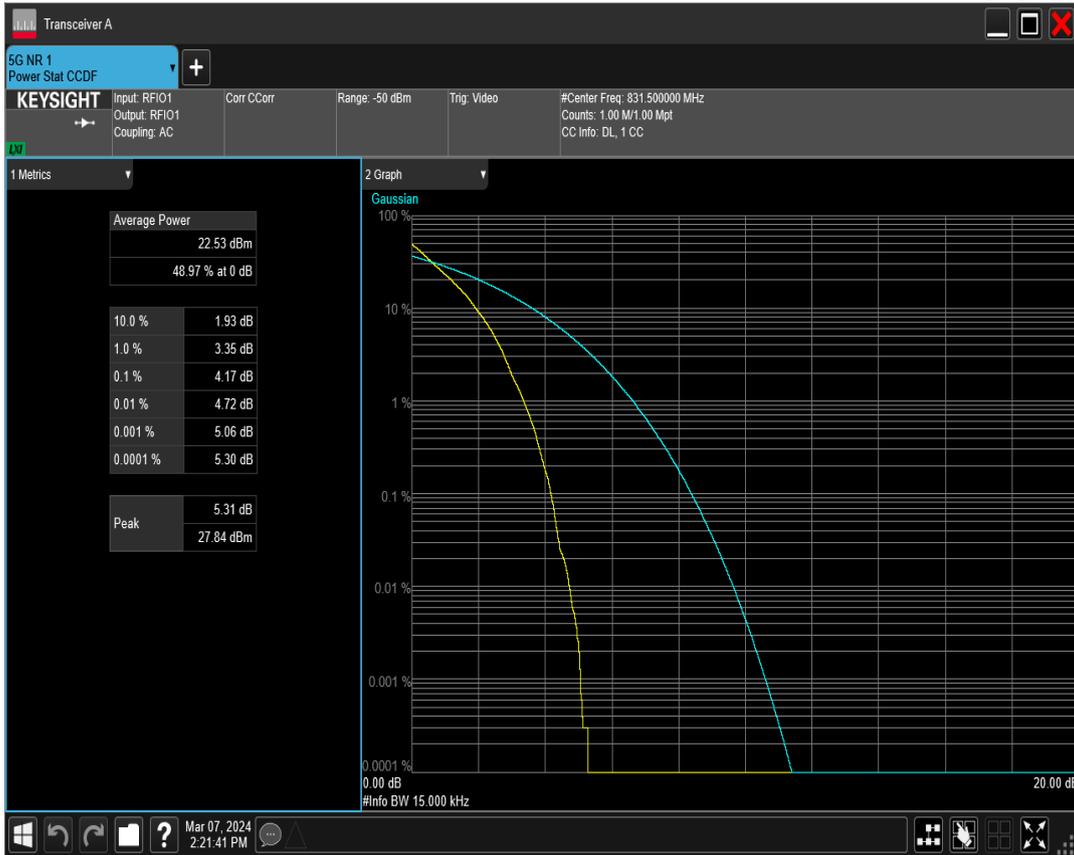
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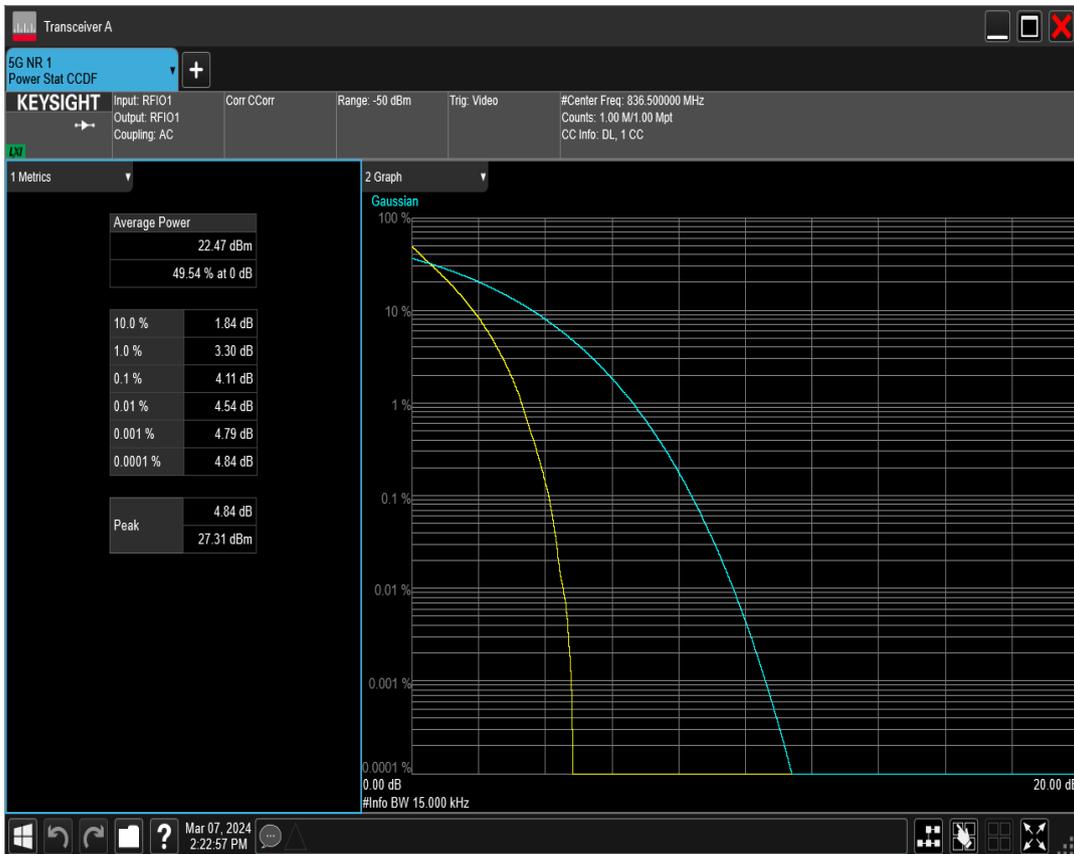
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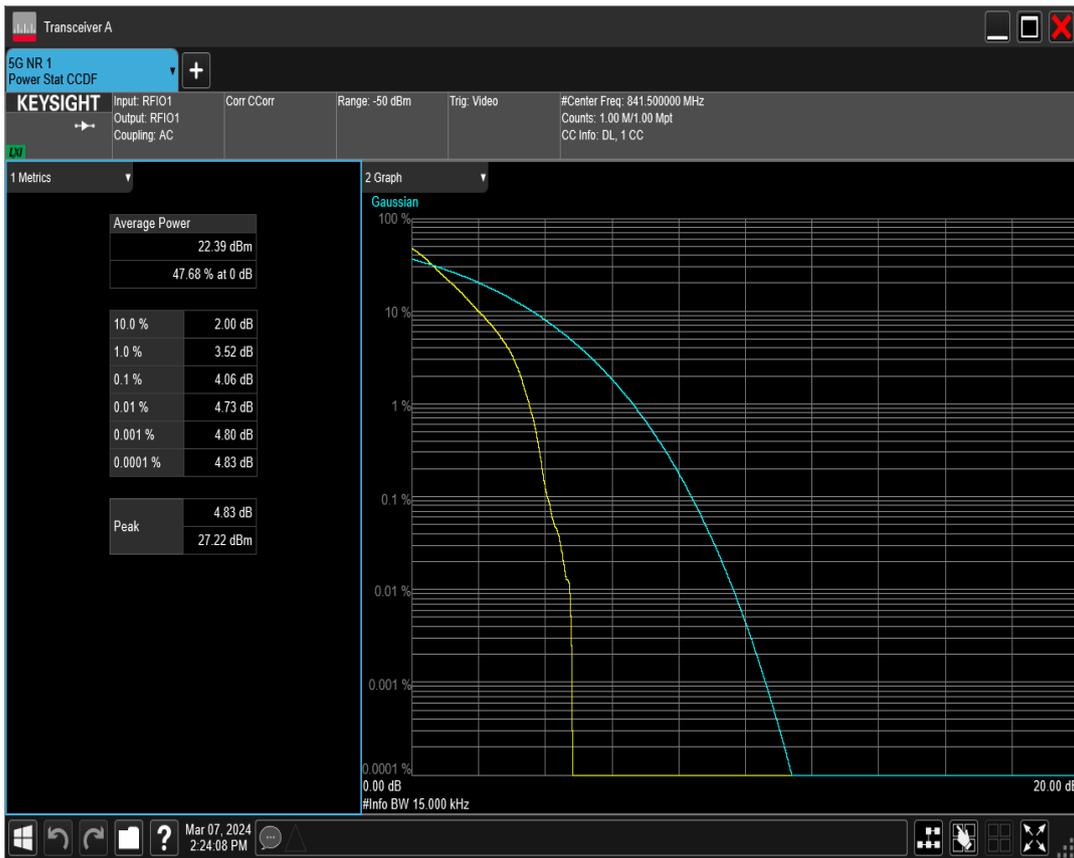
n5 SCS=30kHz DFT\_BPSK BW=15MHz Channel=166300 RB=36@0



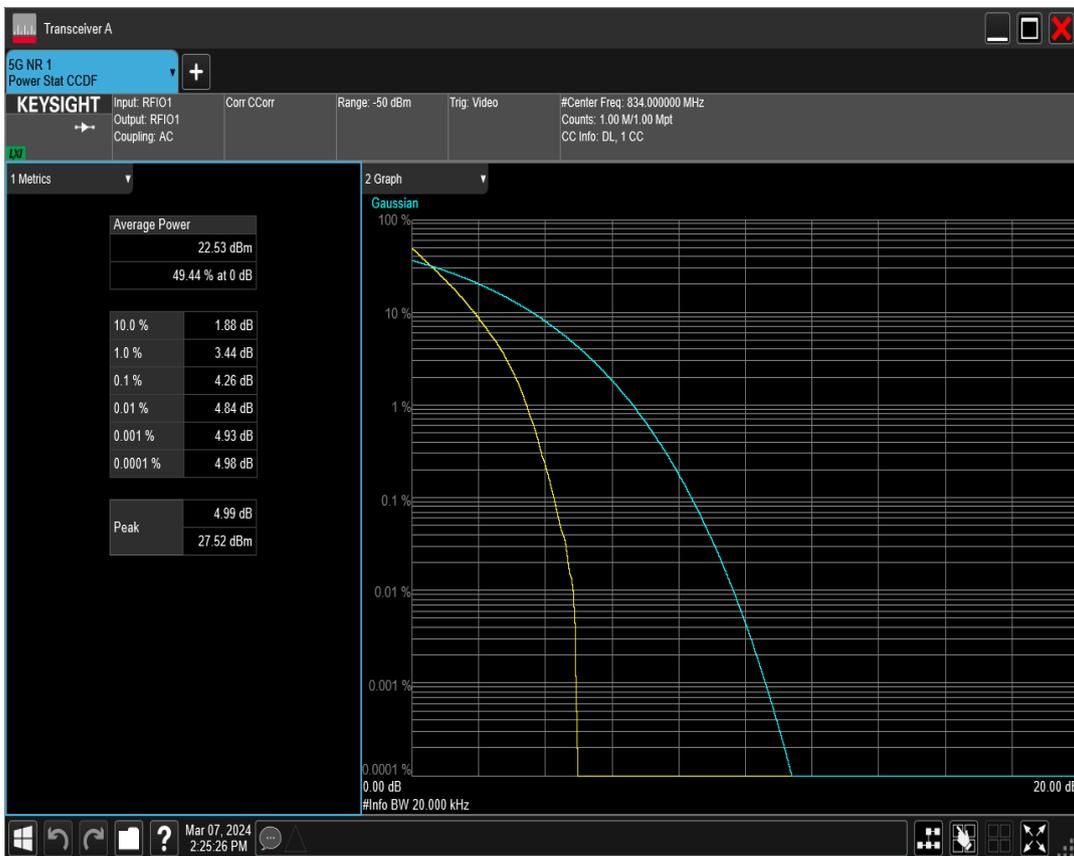
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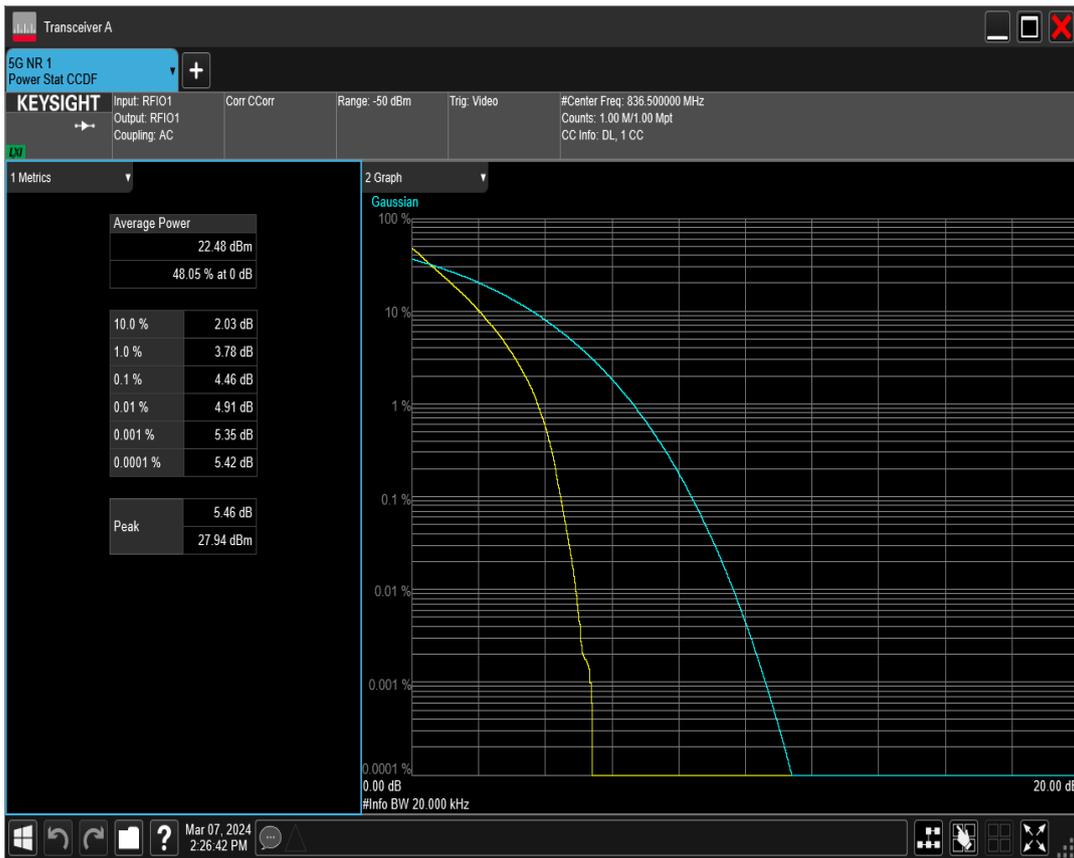
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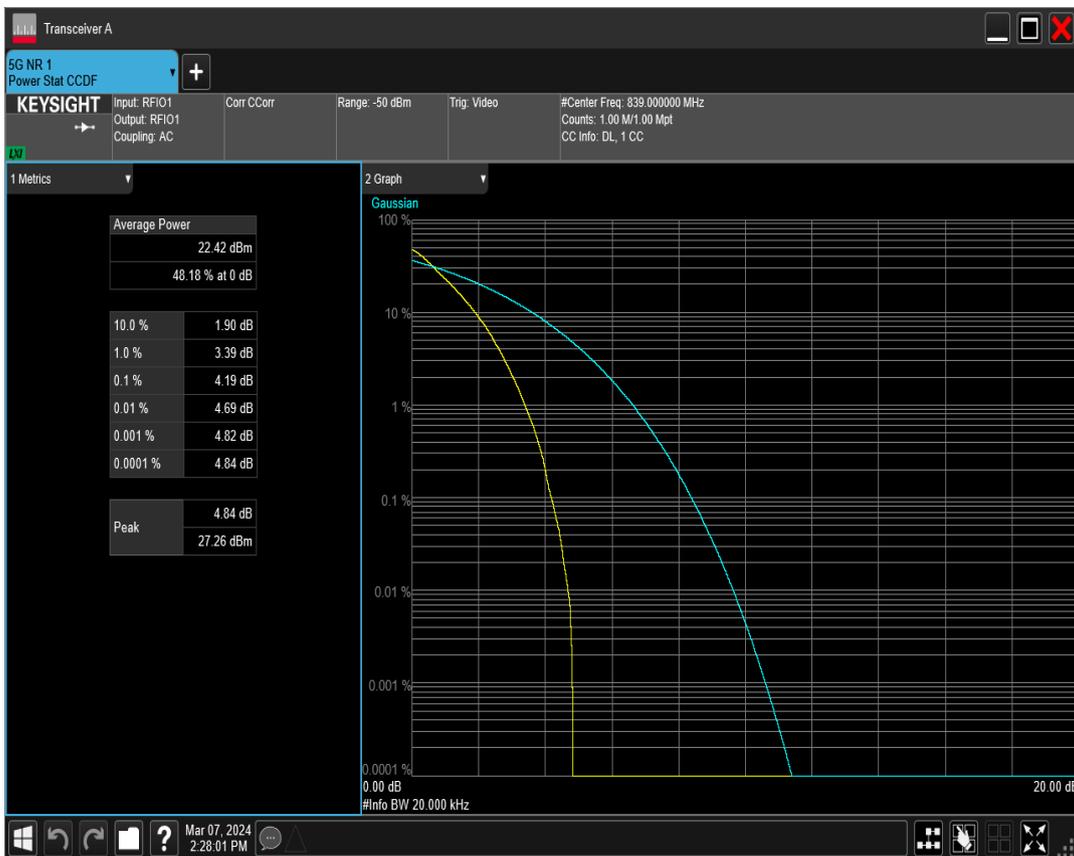
n5 SCS=30kHz DFT\_BPSK BW=20MHz Channel=166800 RB=50@0



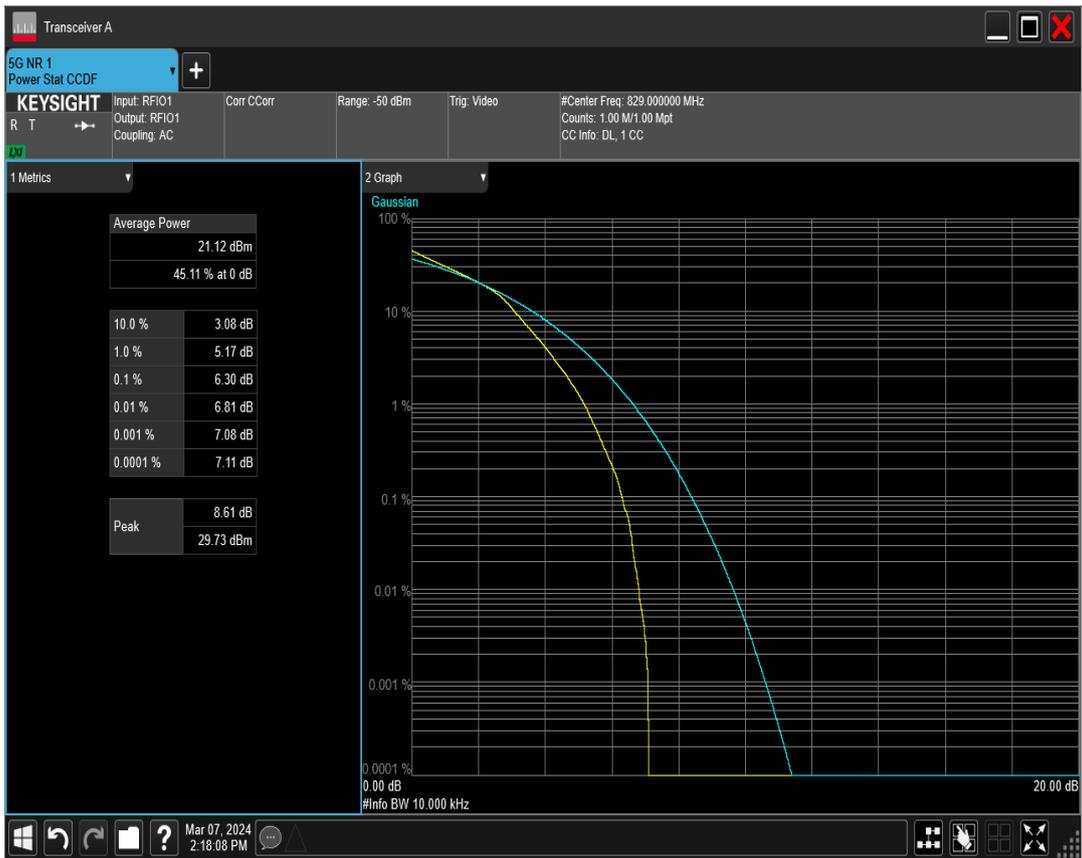
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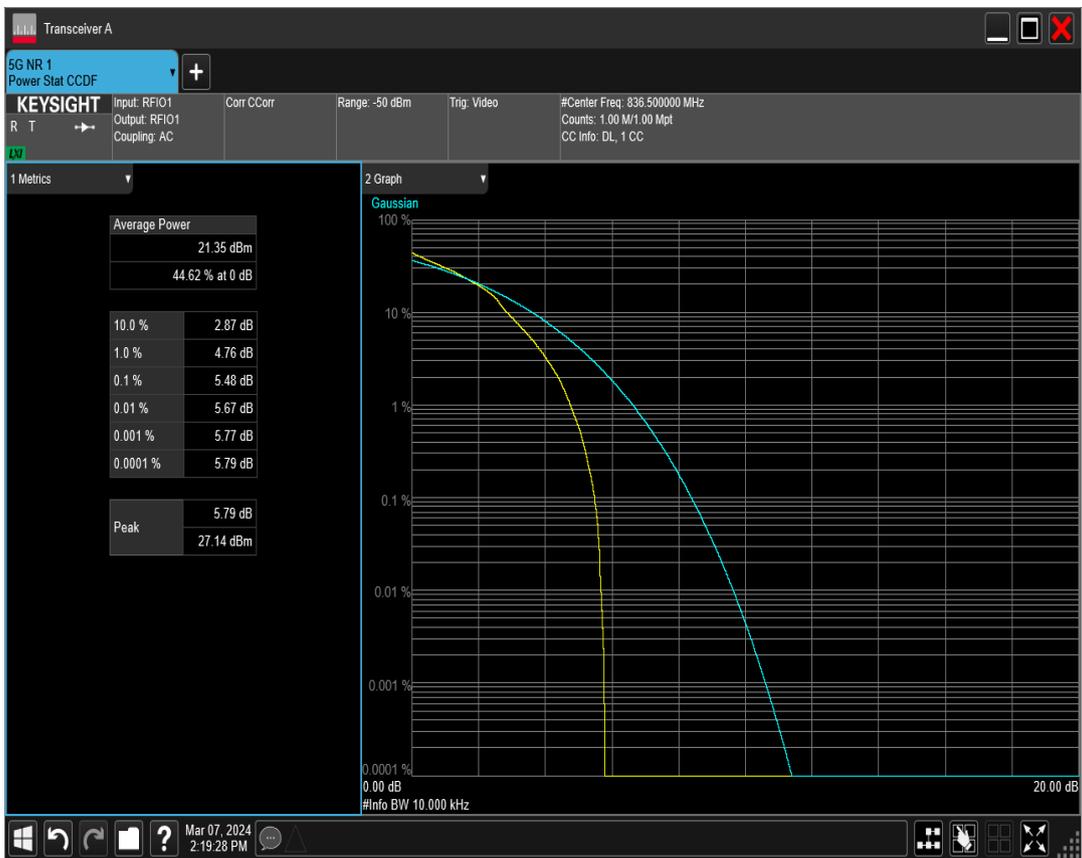
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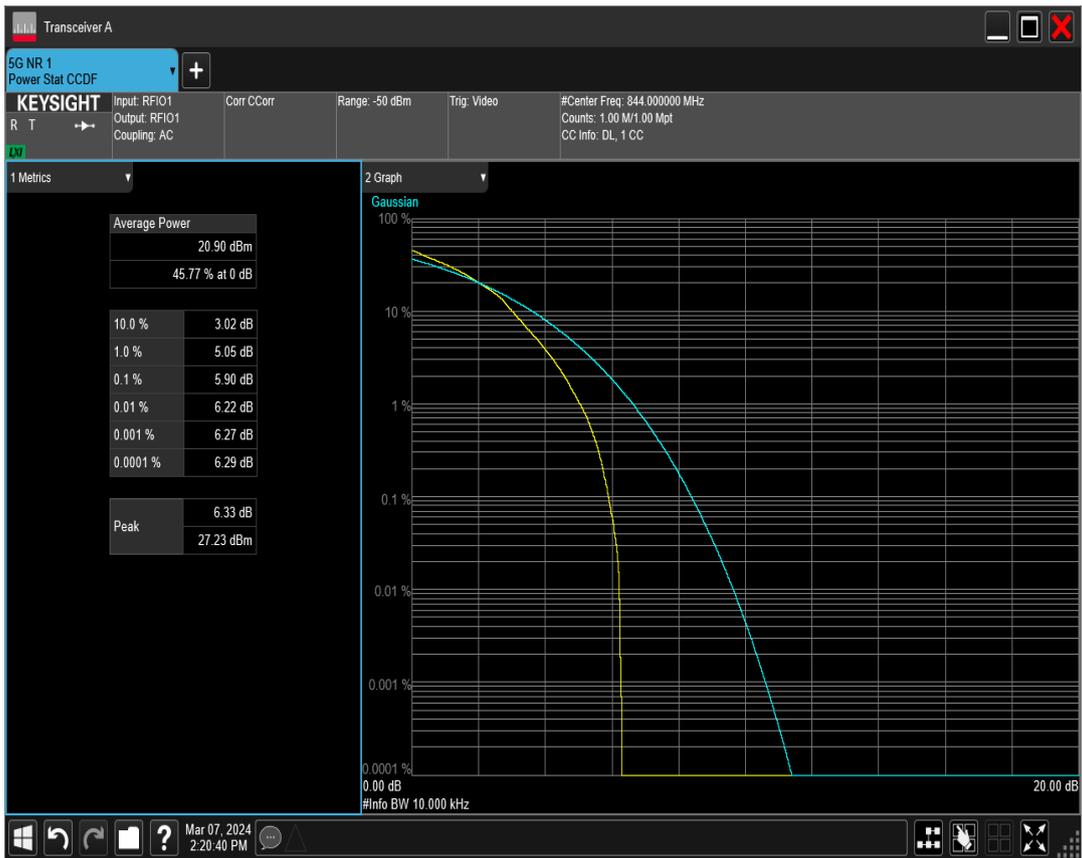
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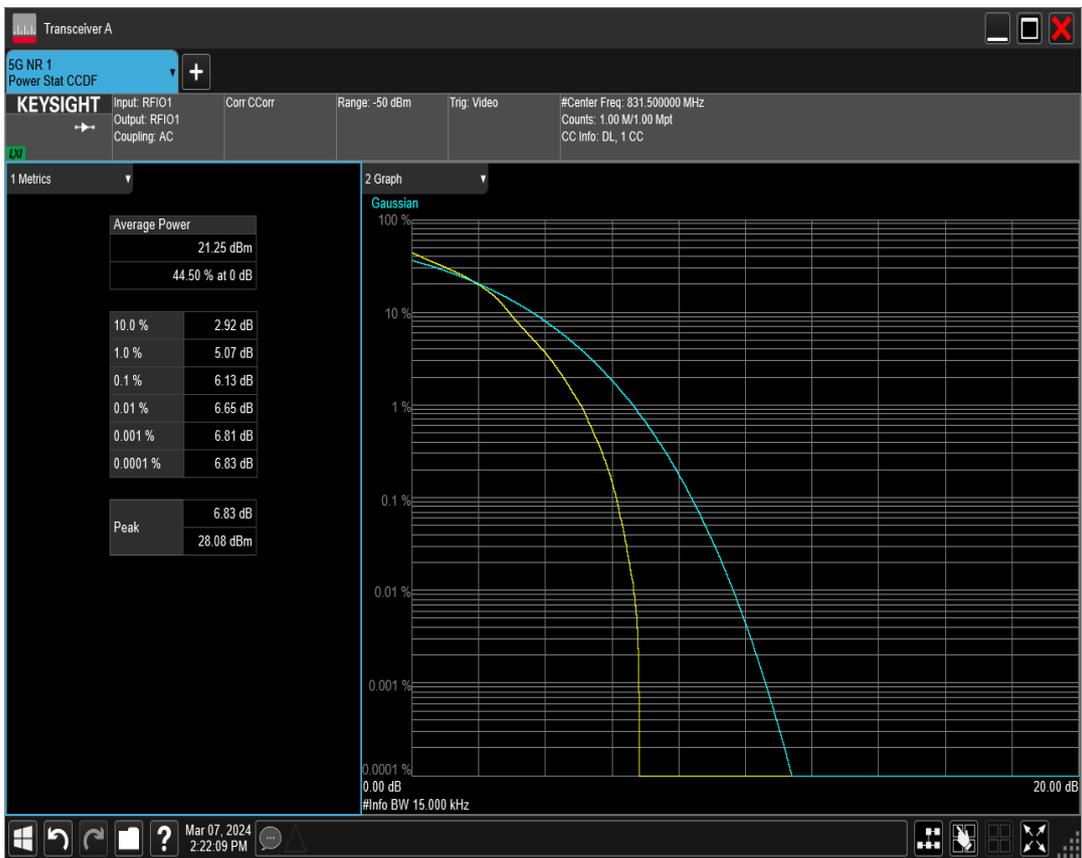
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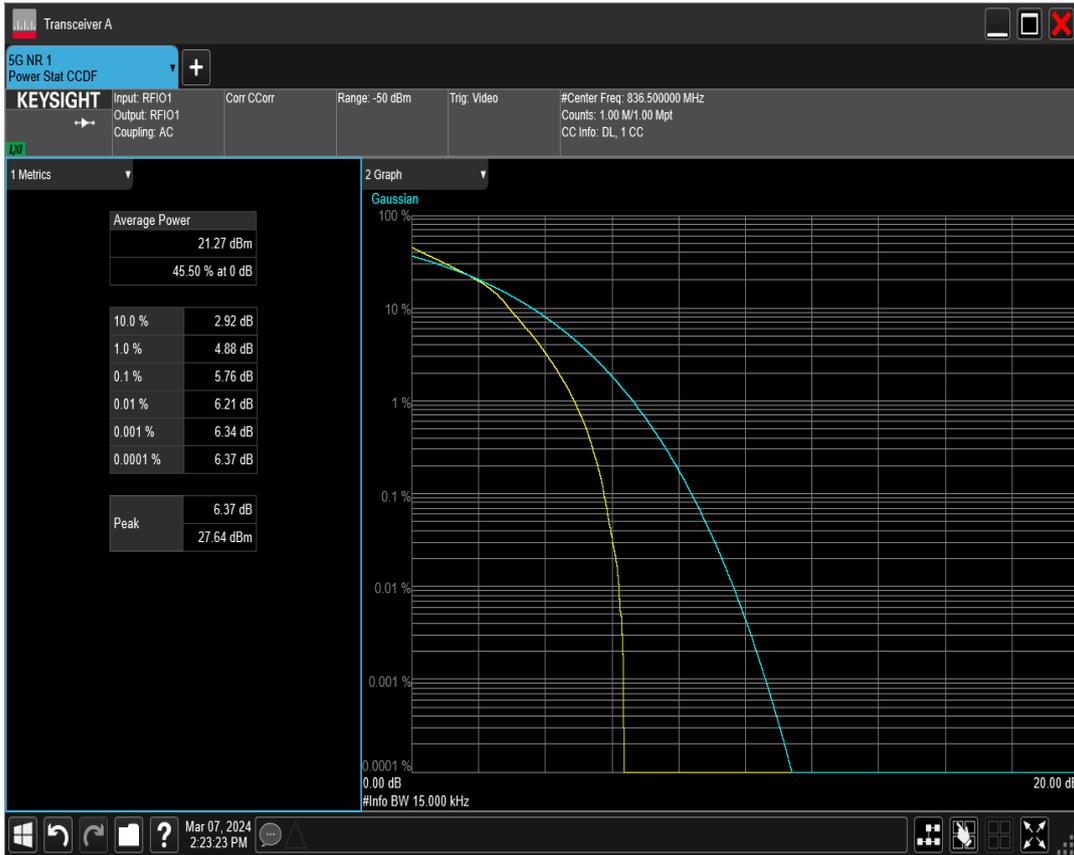
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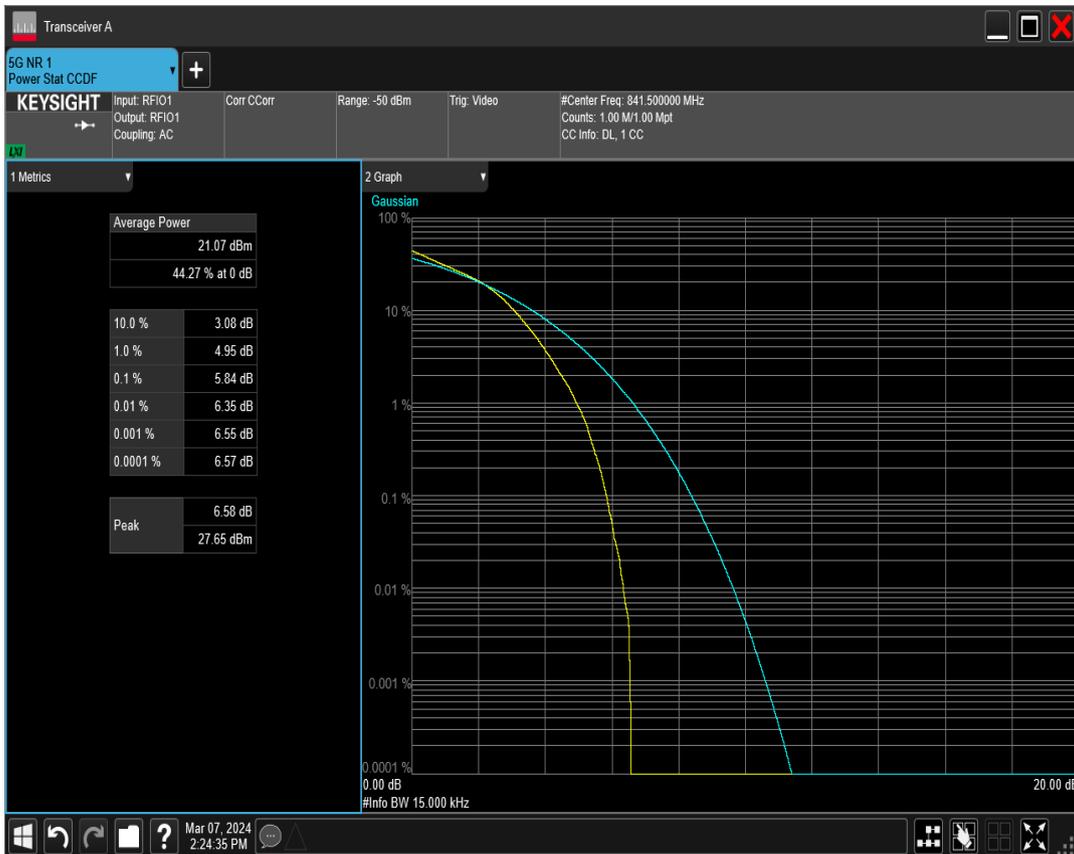
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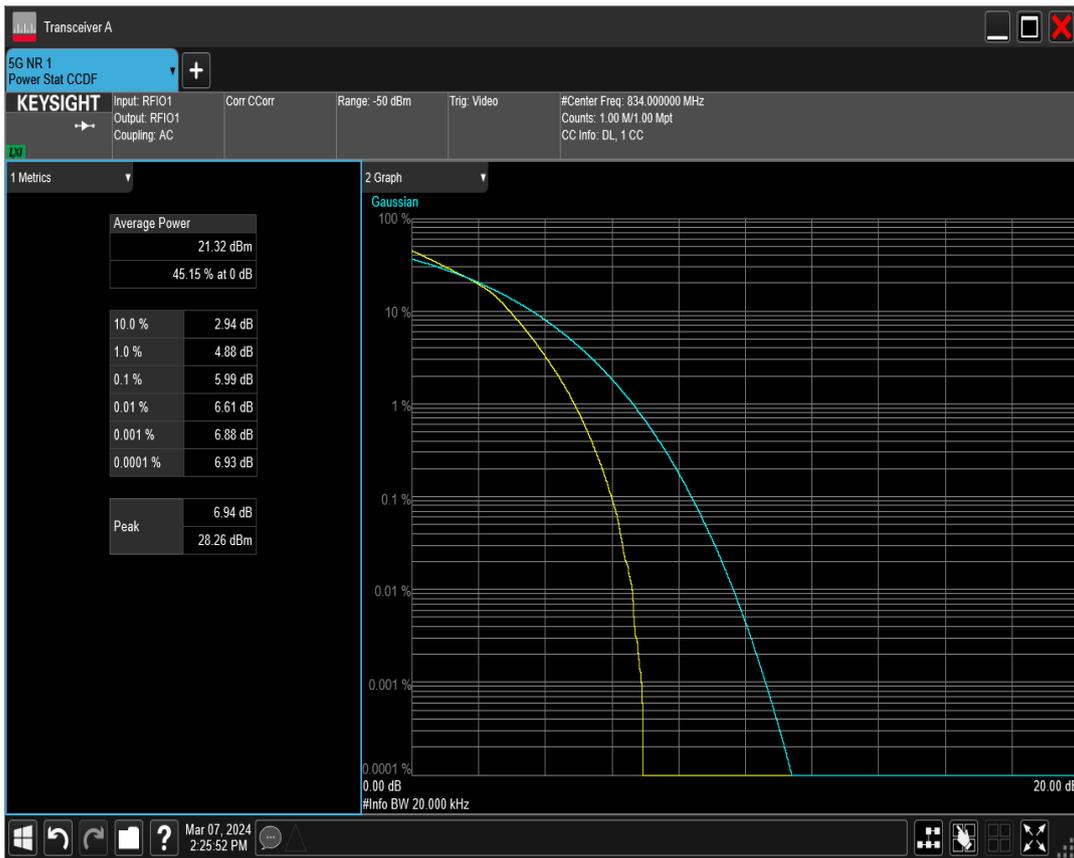
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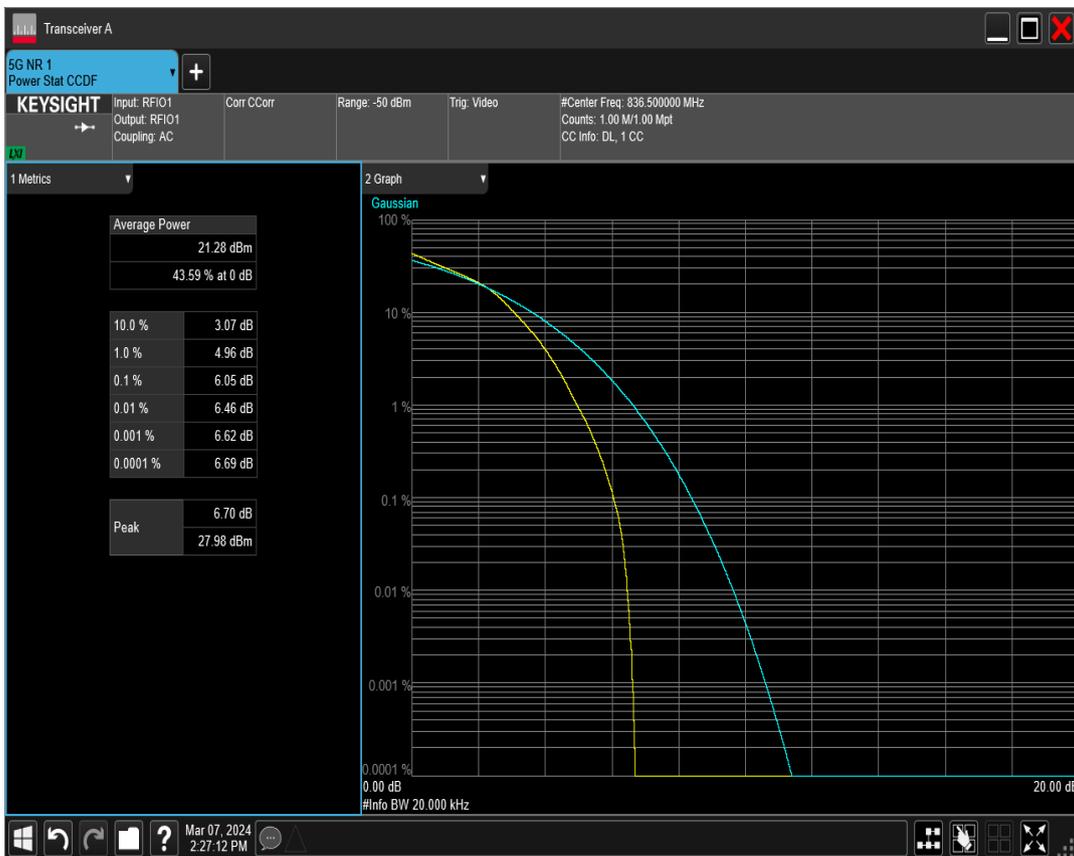
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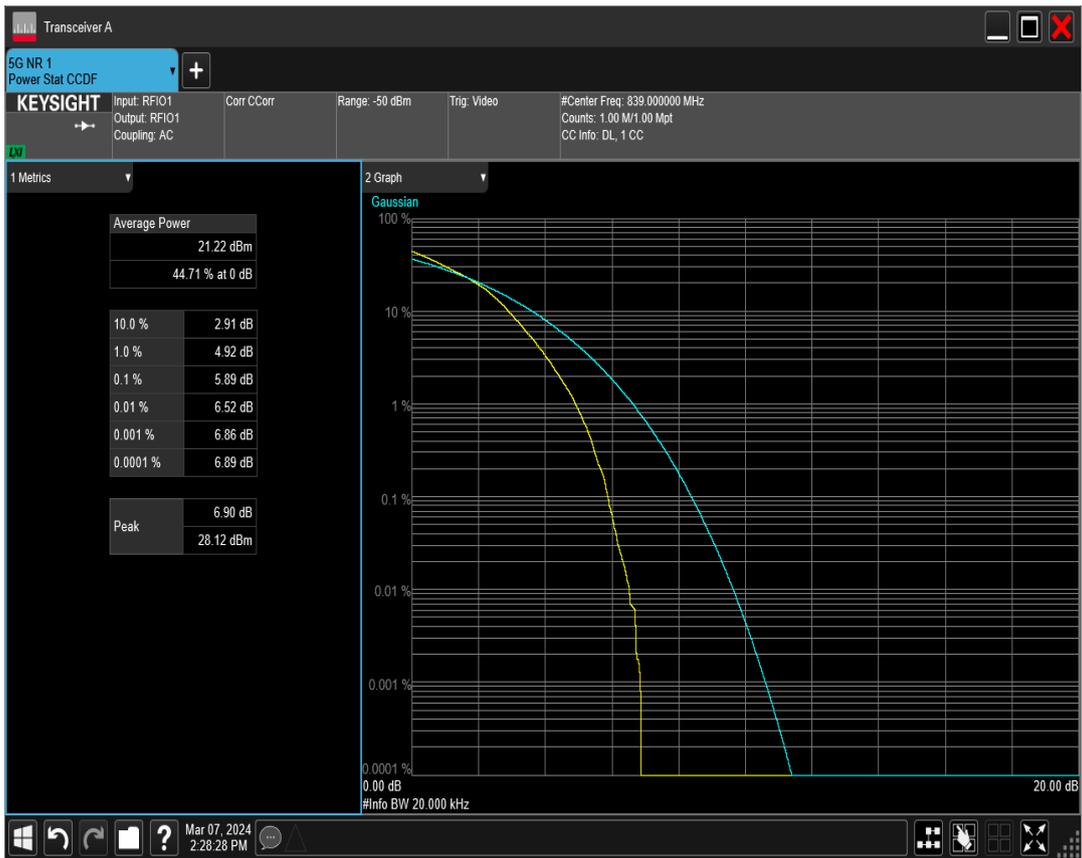
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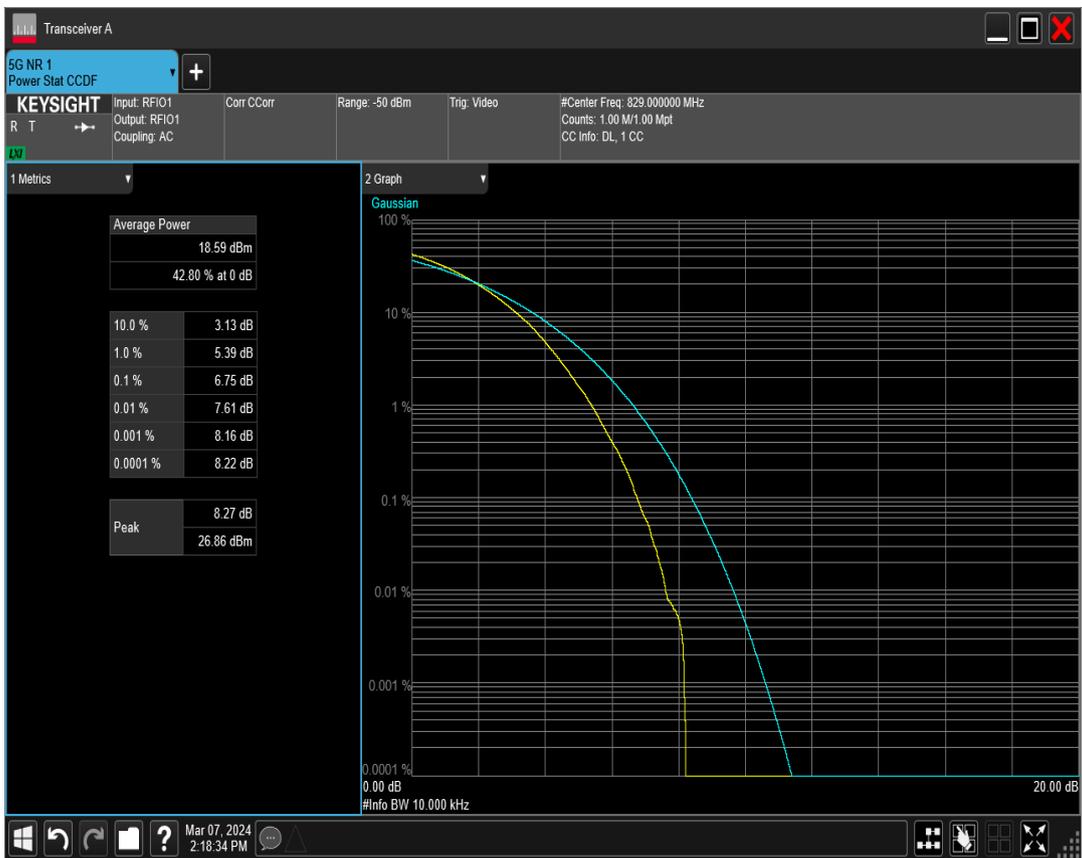
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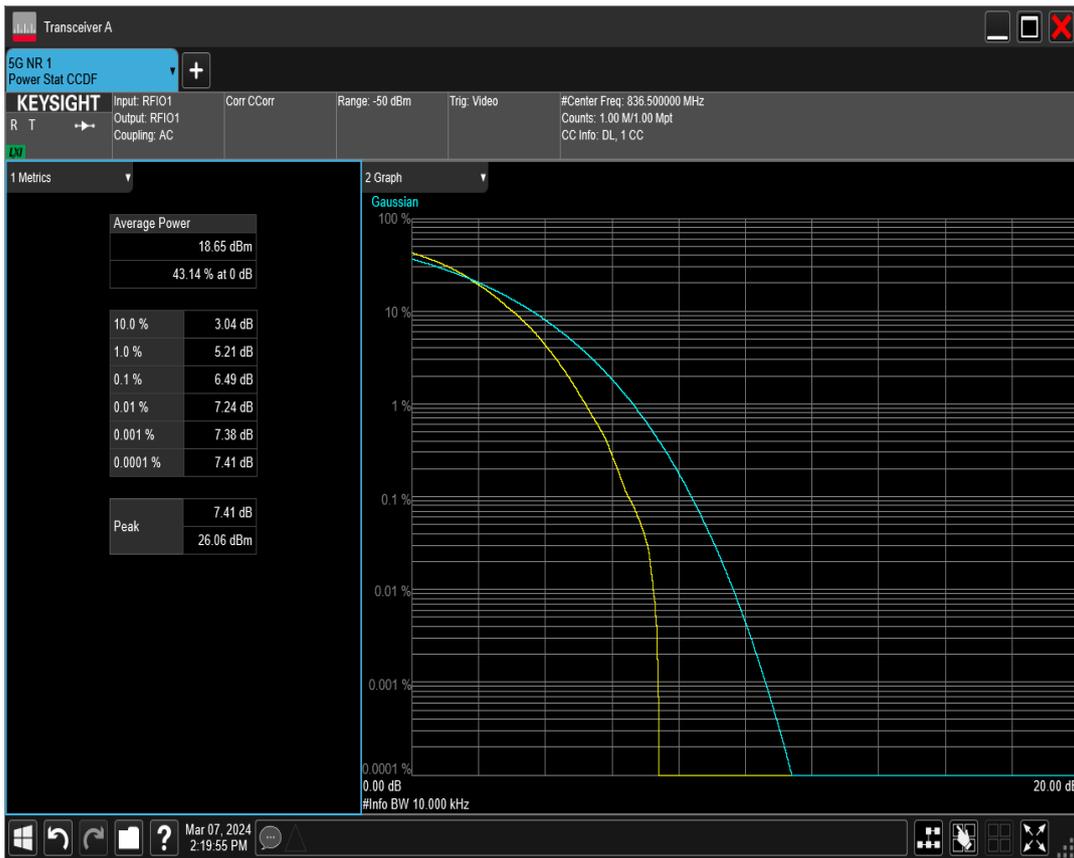
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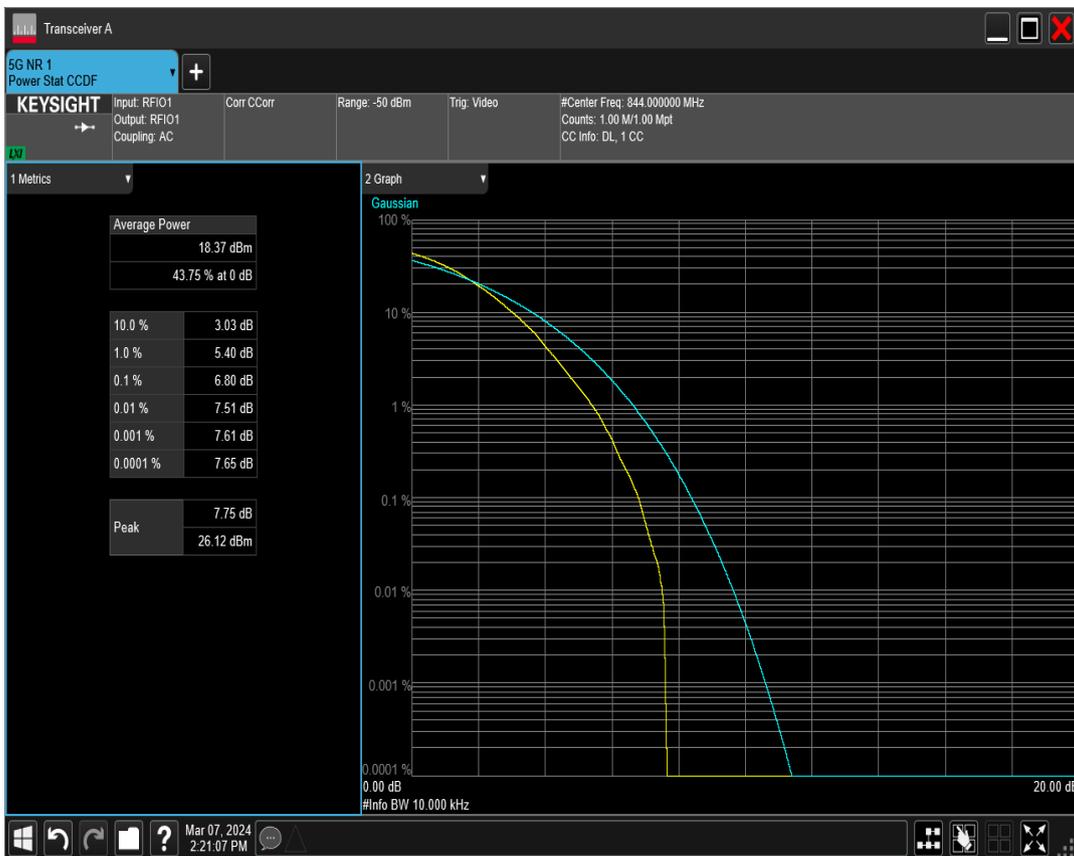
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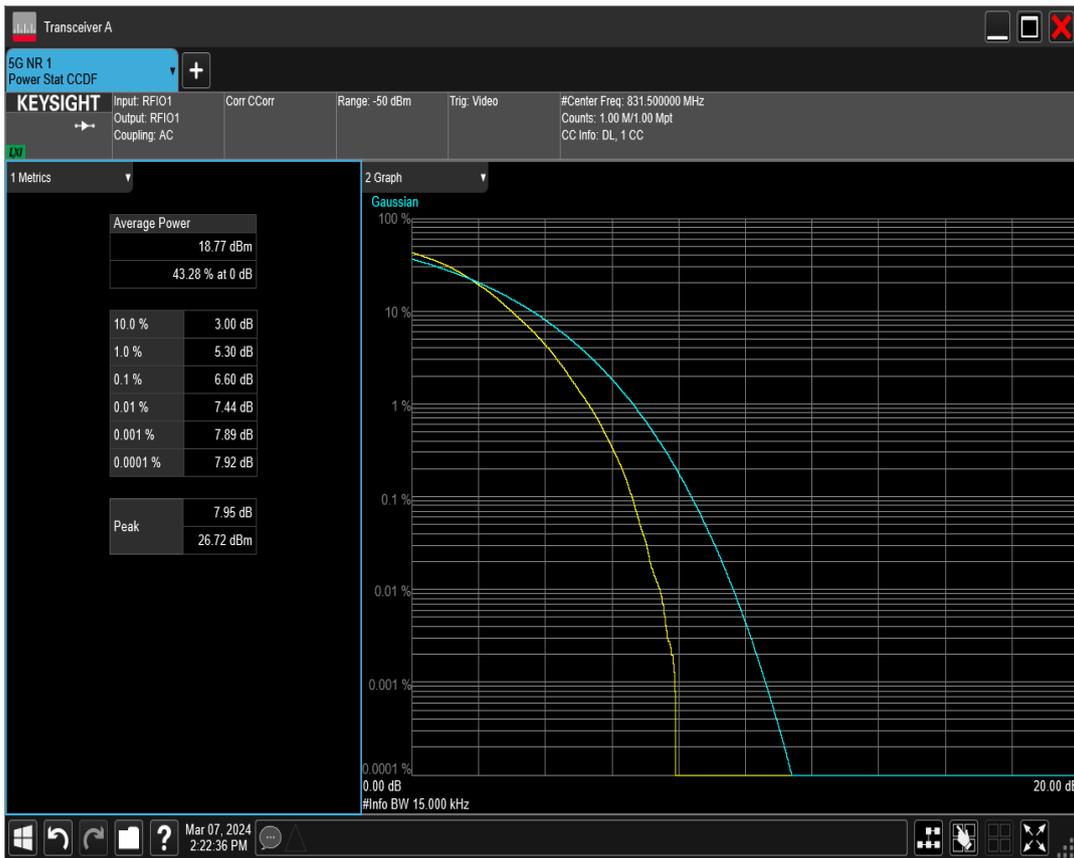
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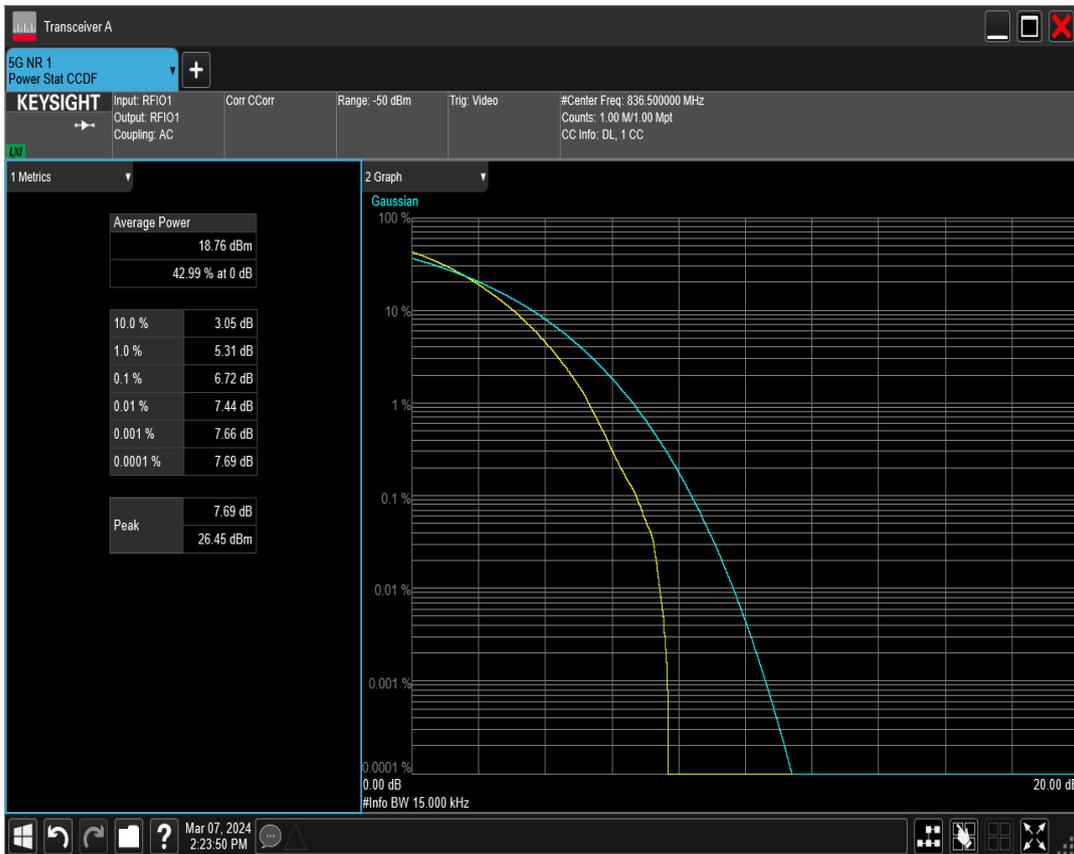
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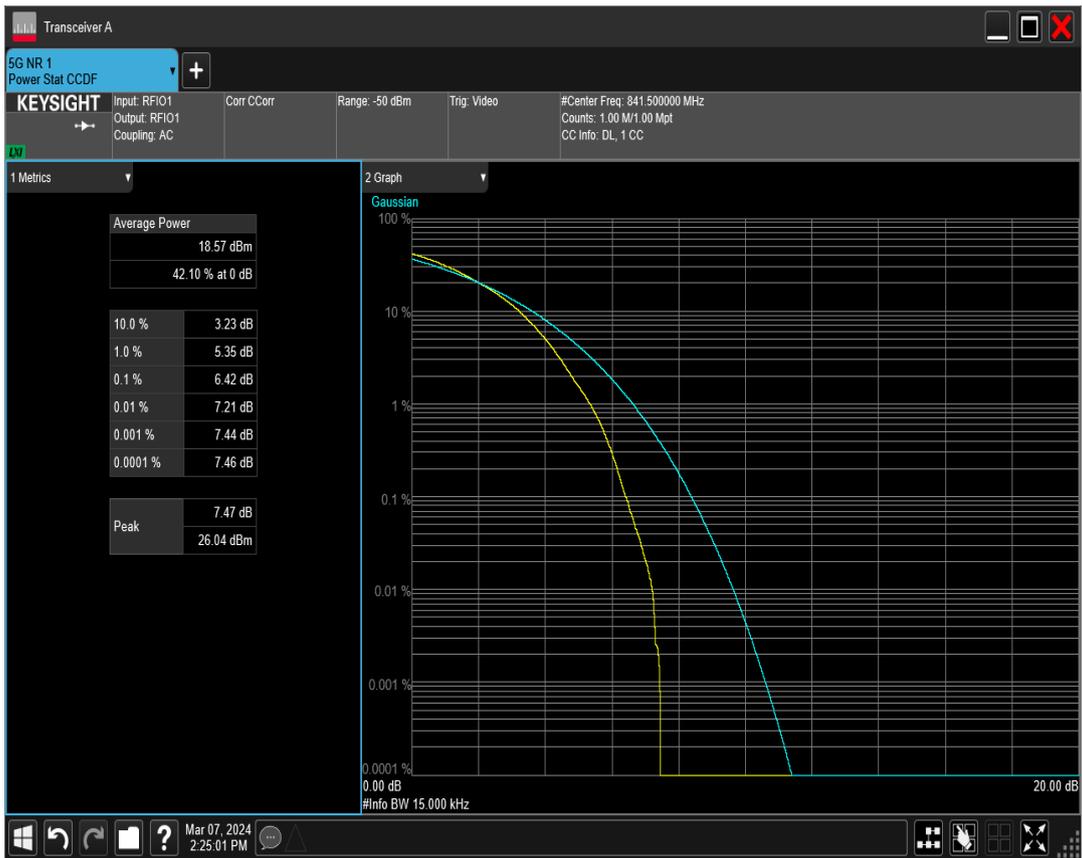
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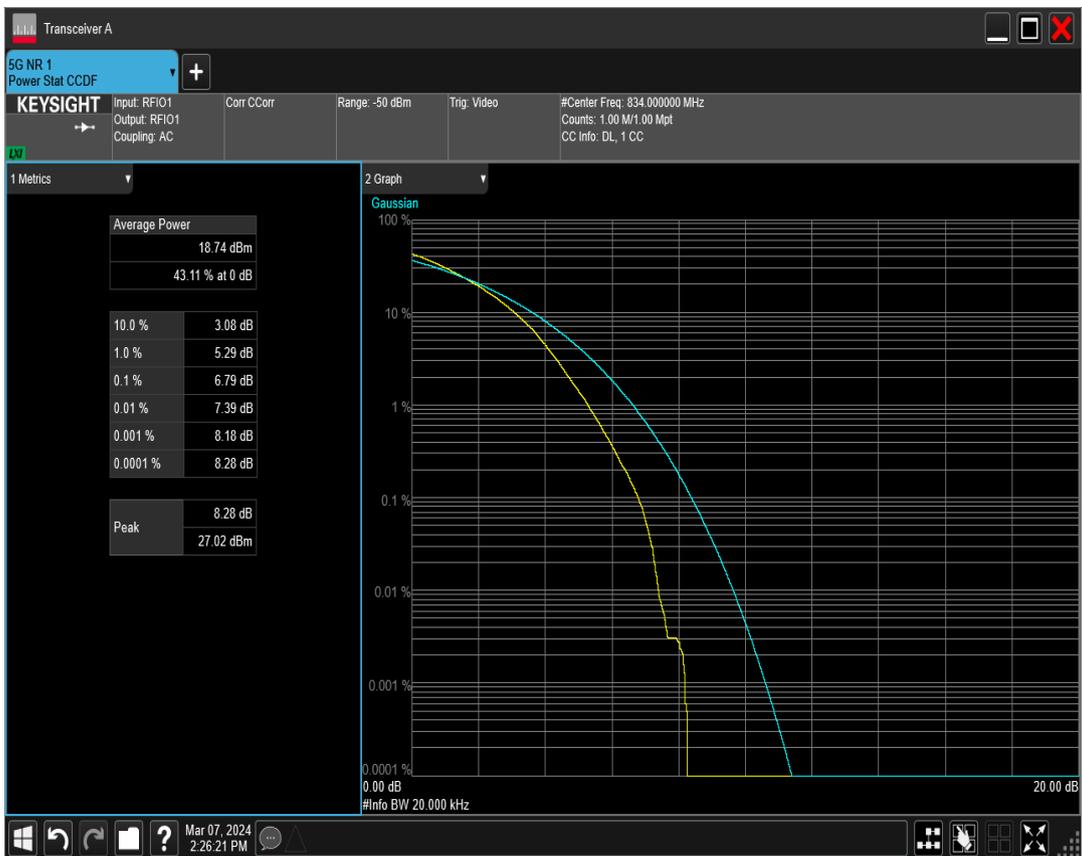
n5 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=167300 RB=36@0



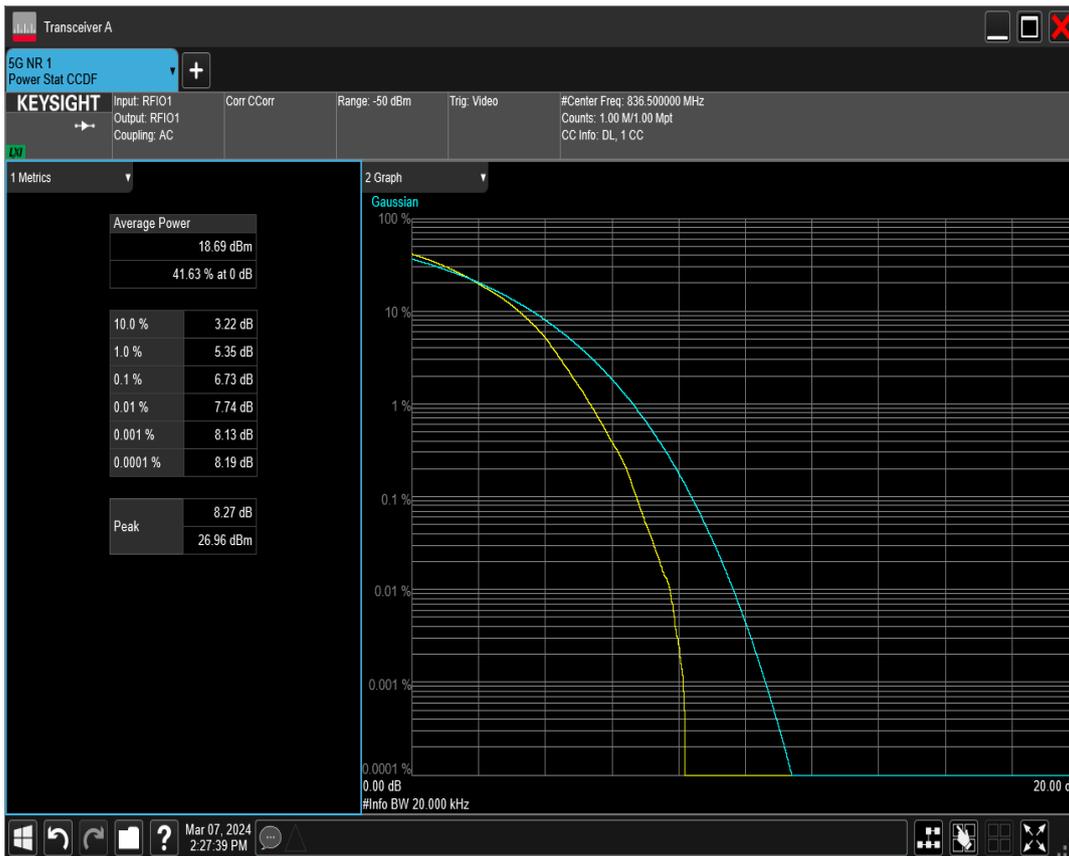
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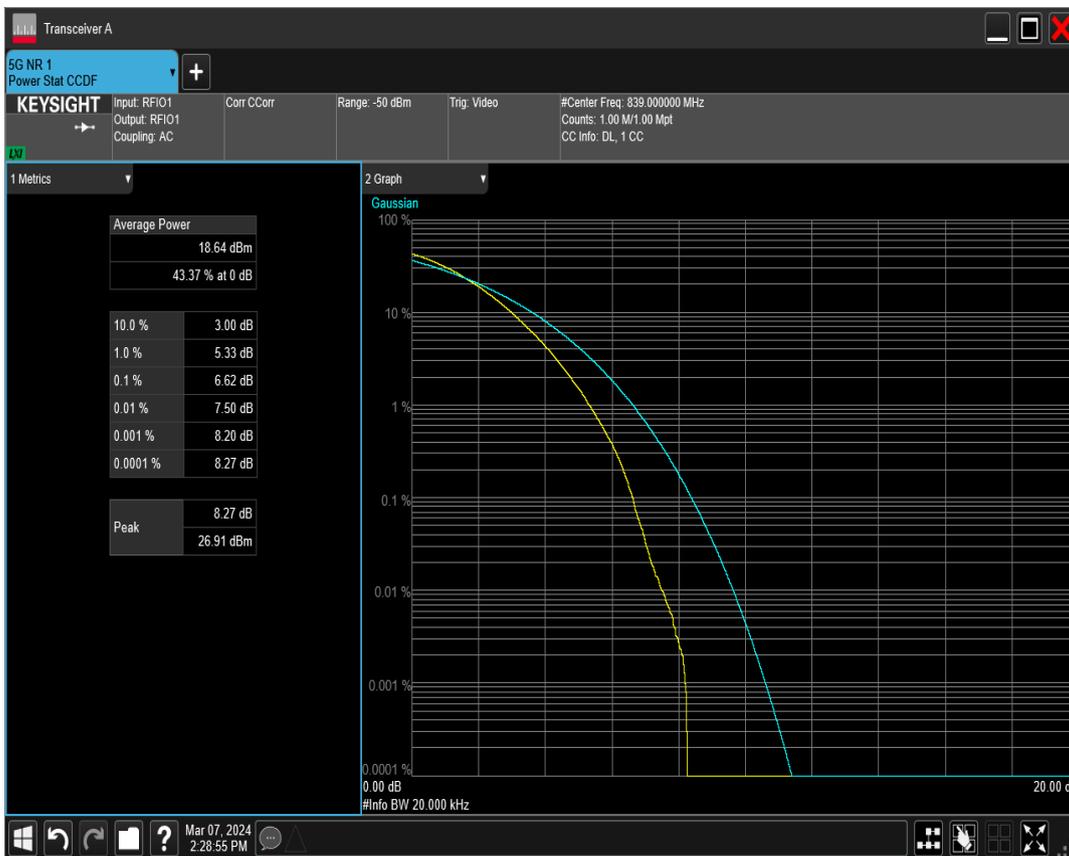
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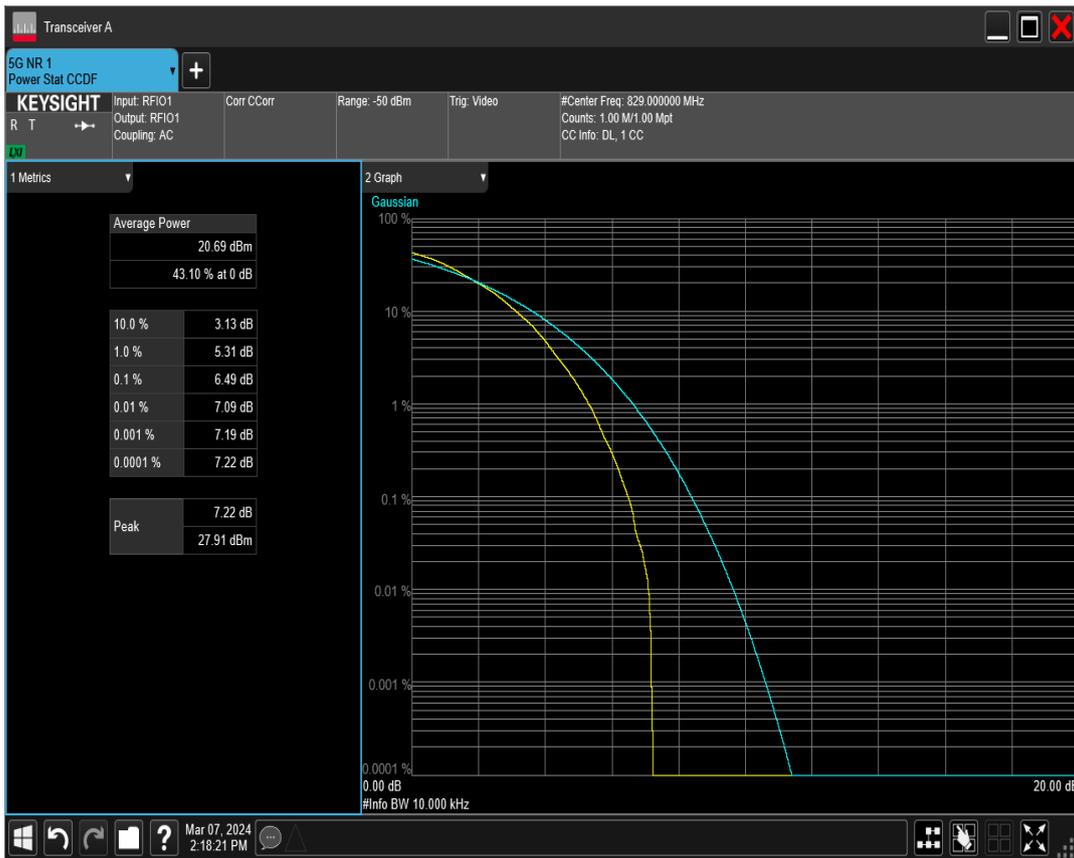
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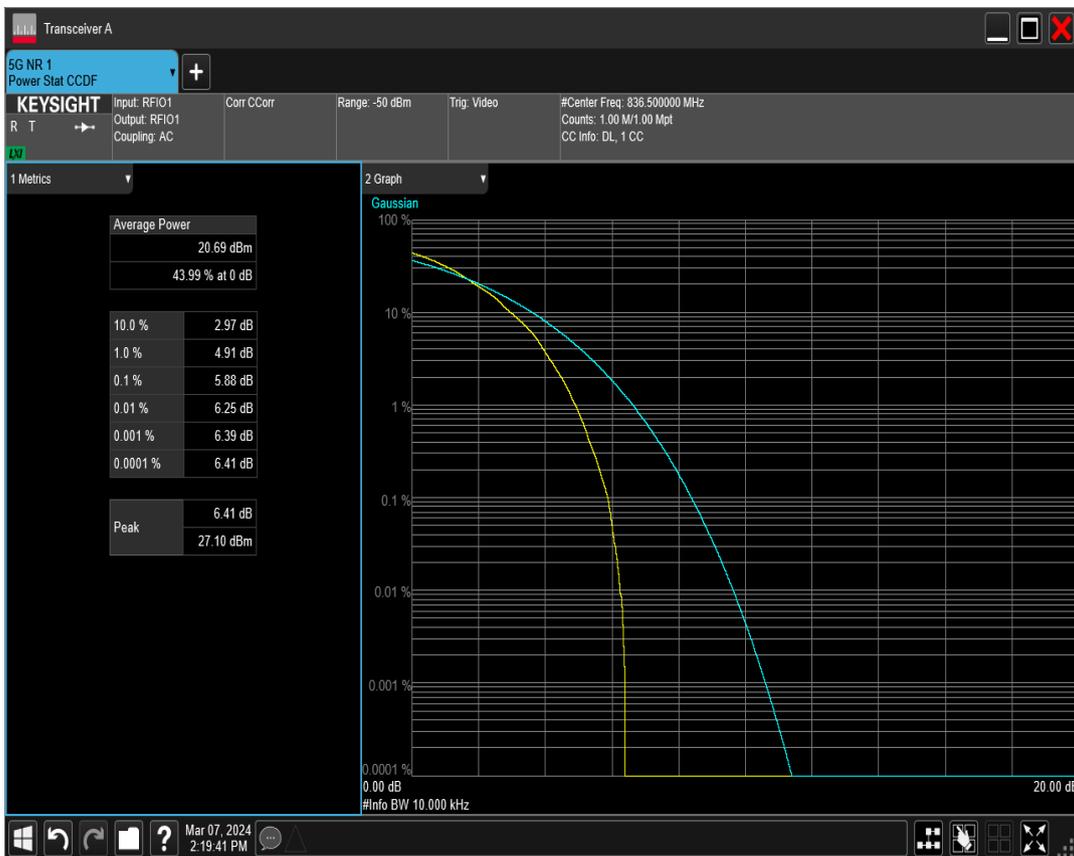
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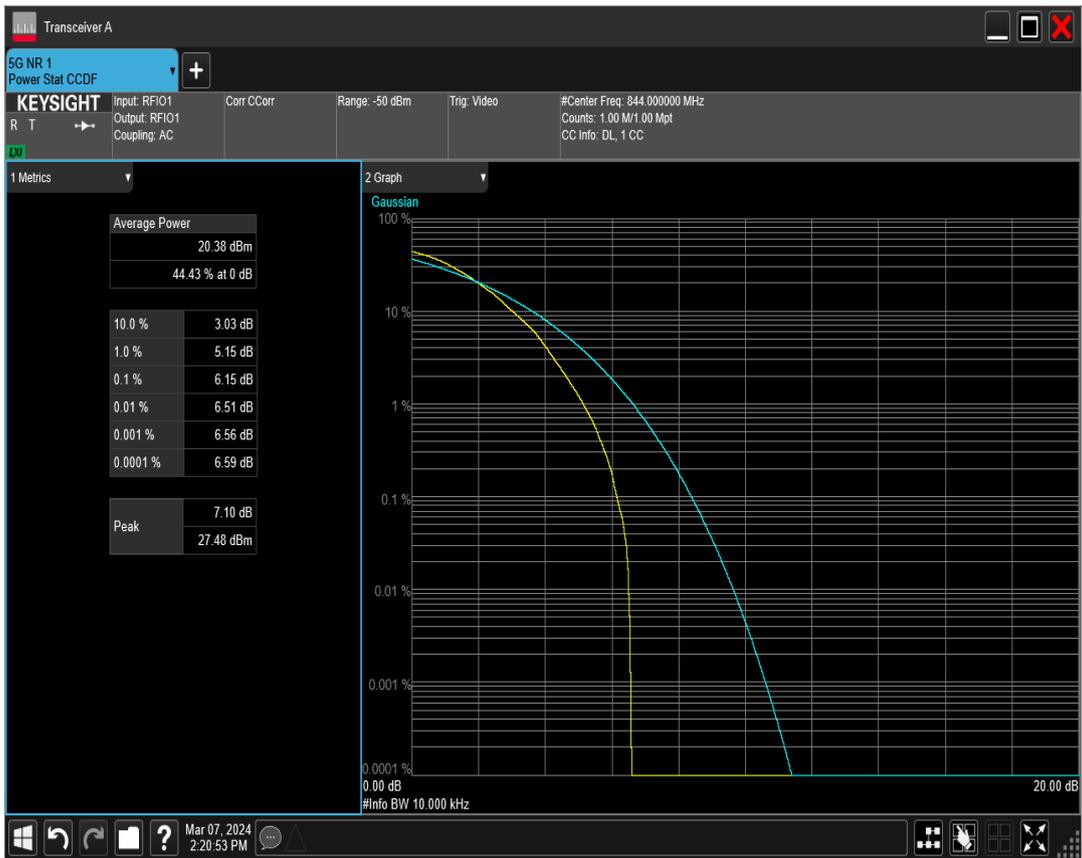
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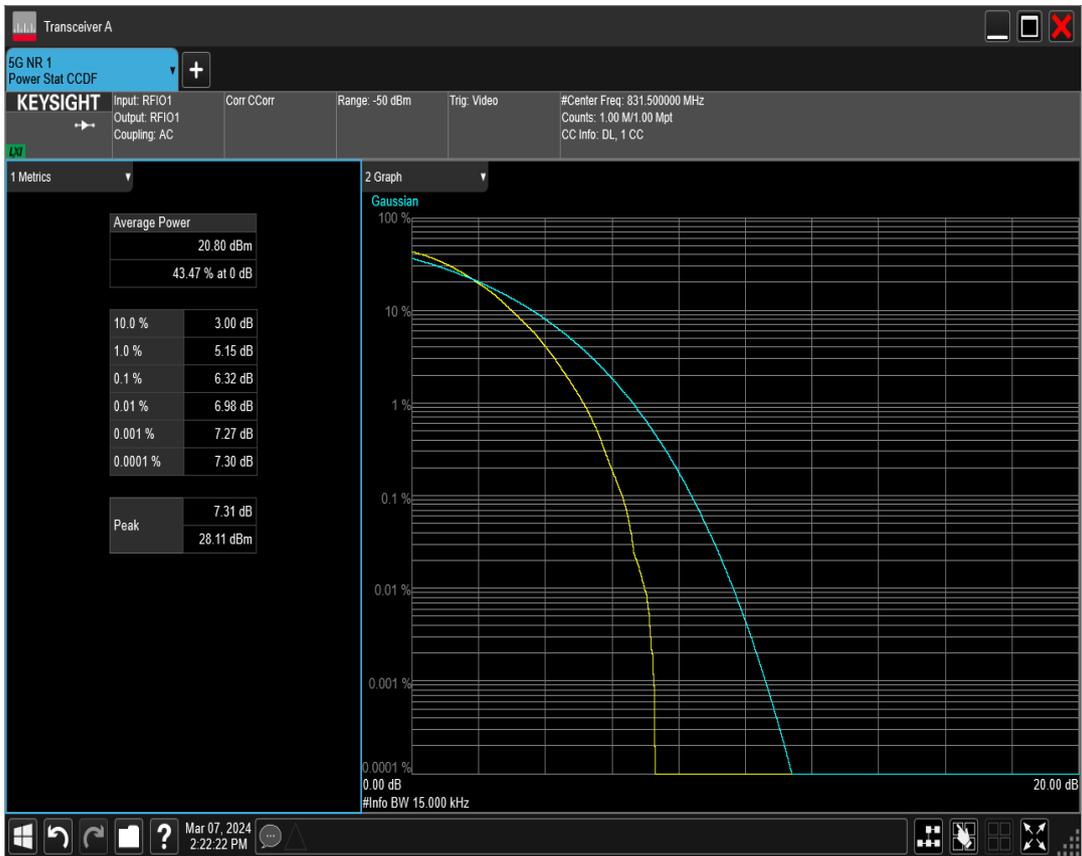
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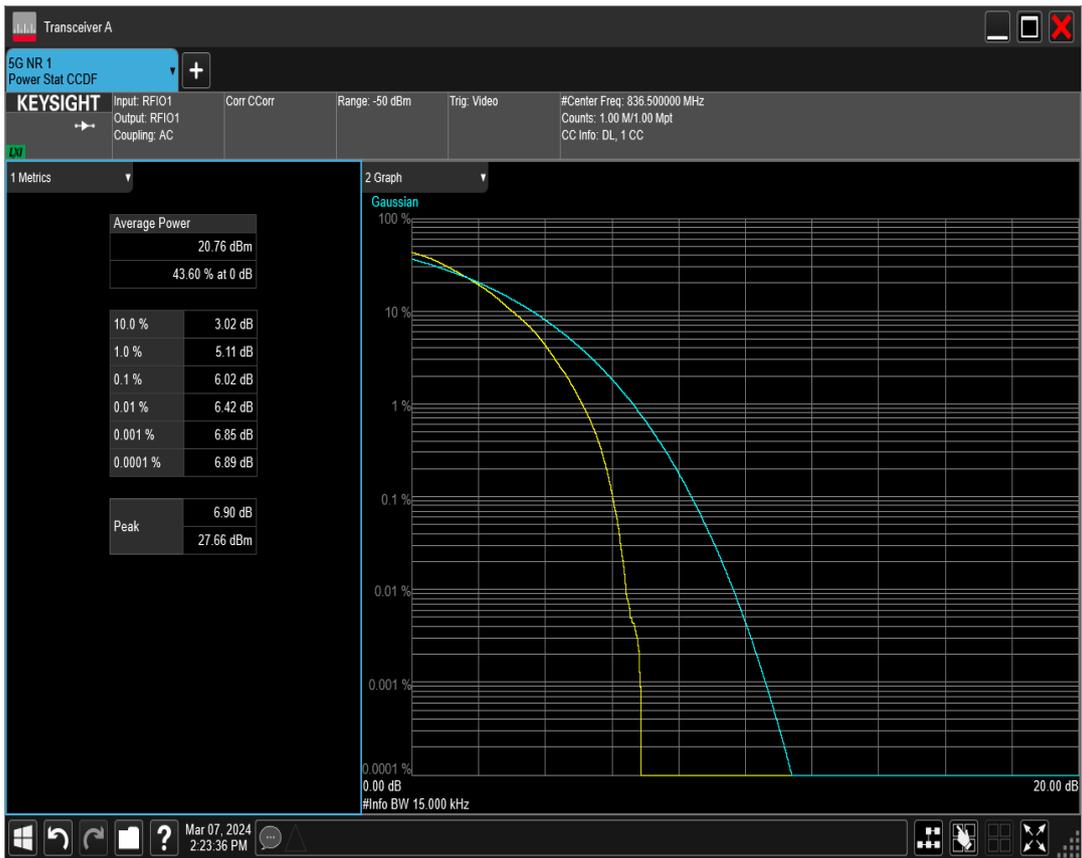
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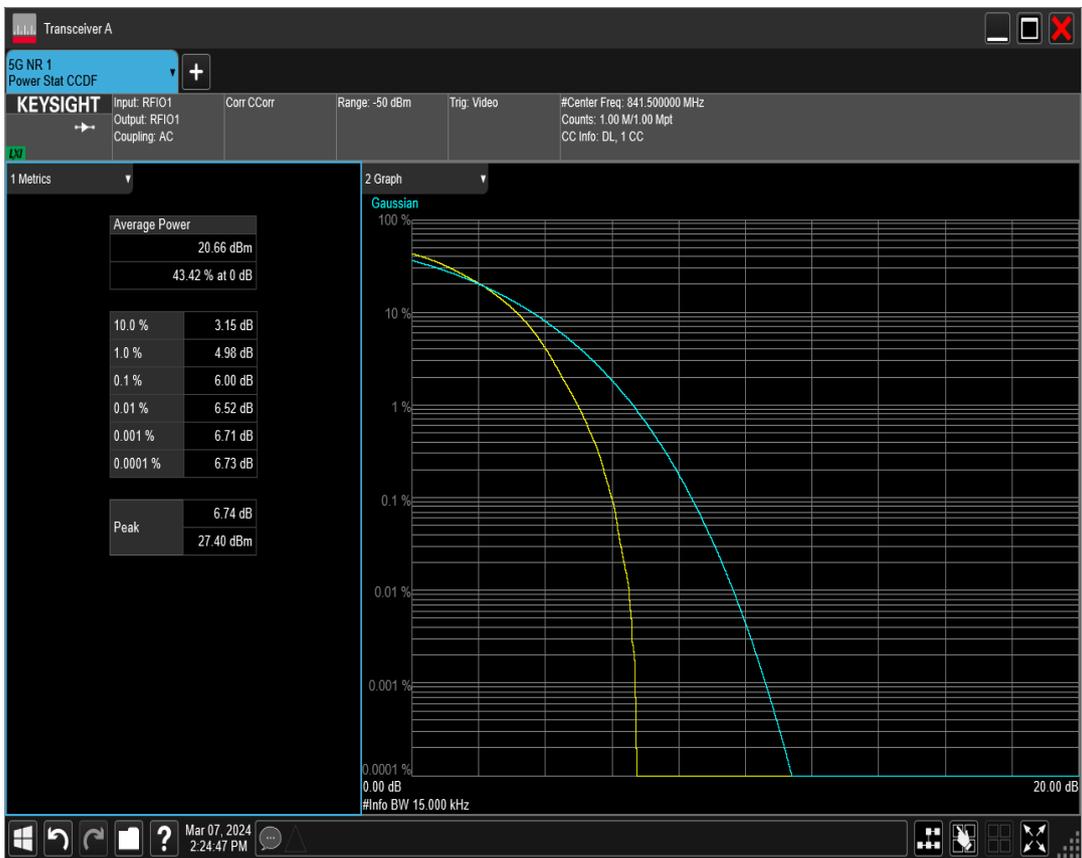
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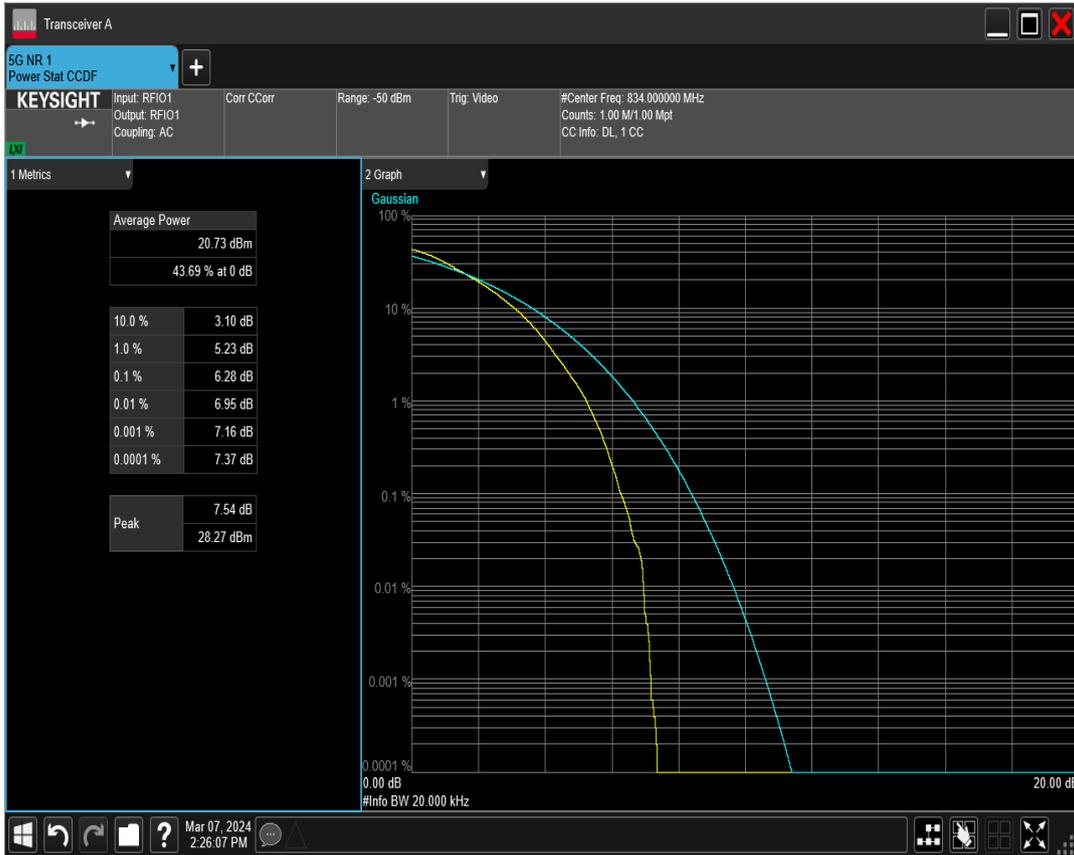
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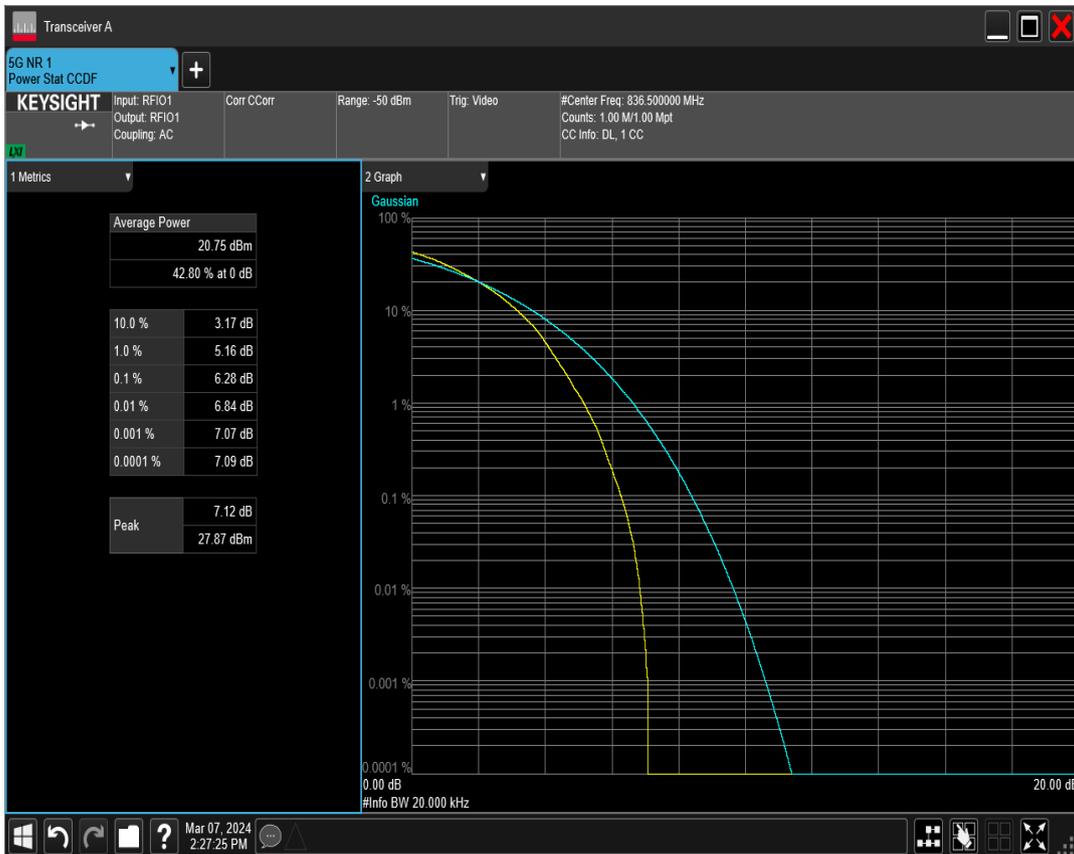
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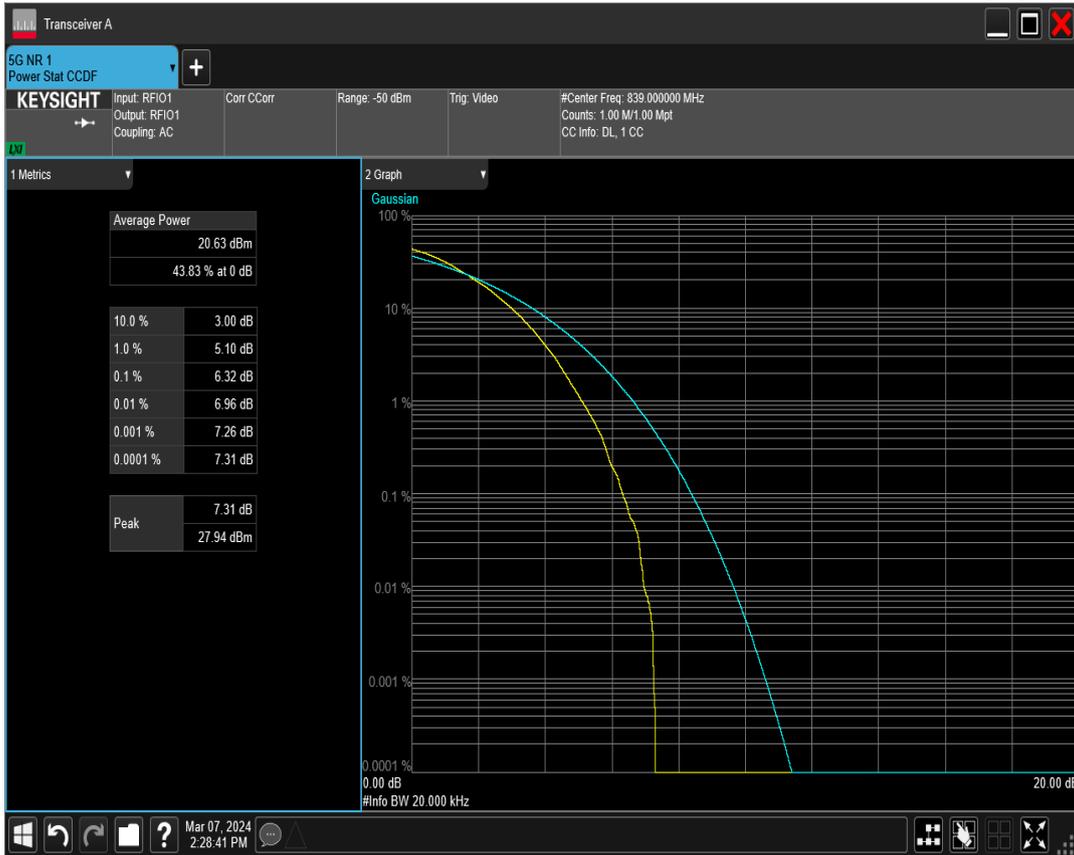
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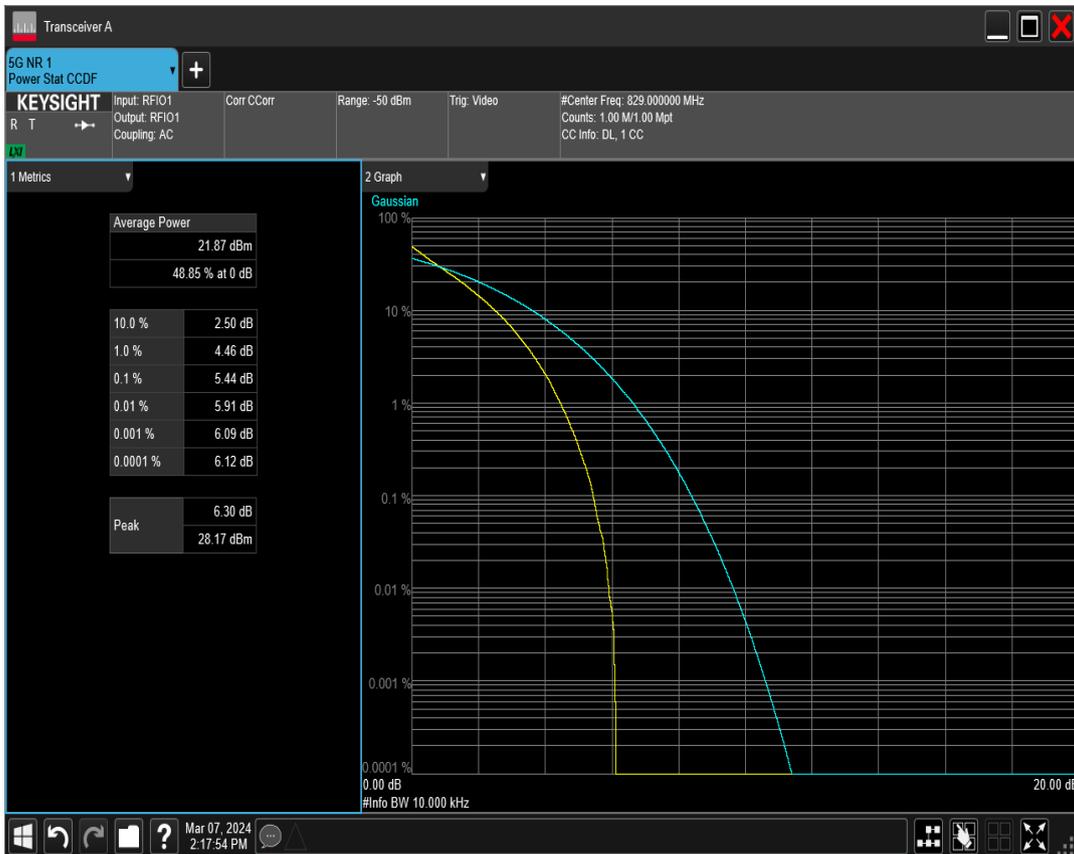
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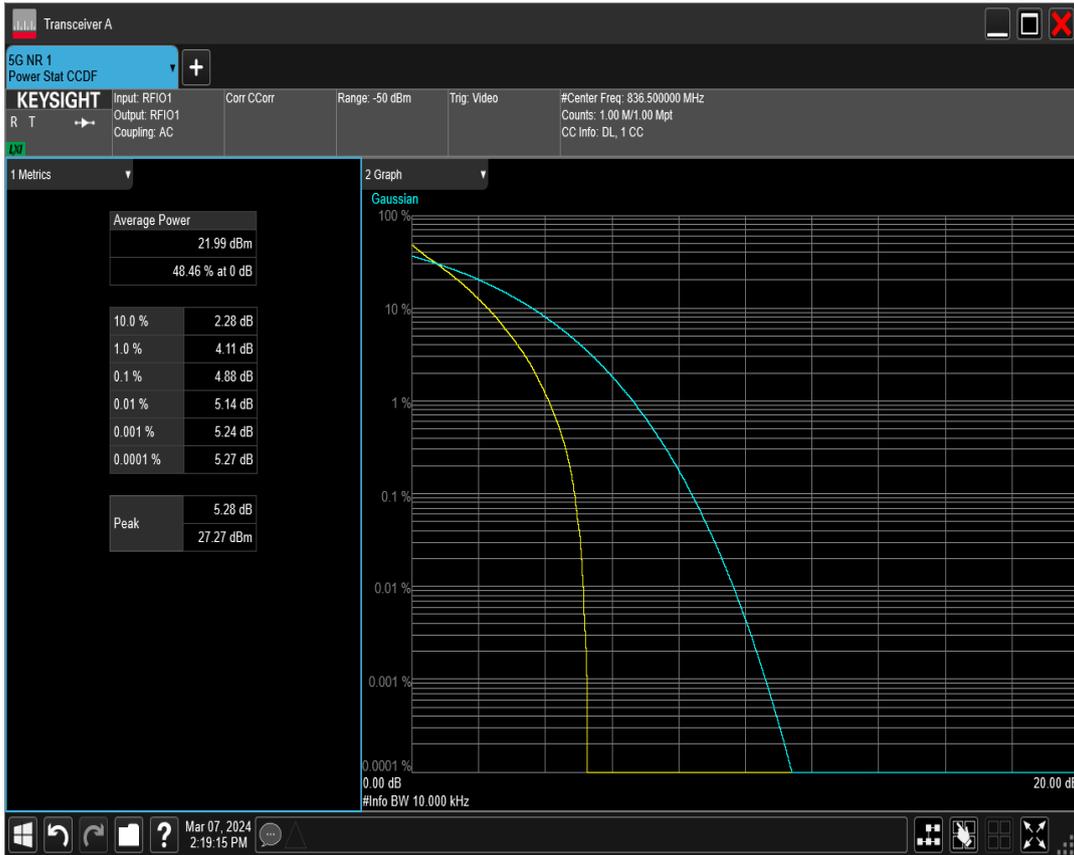
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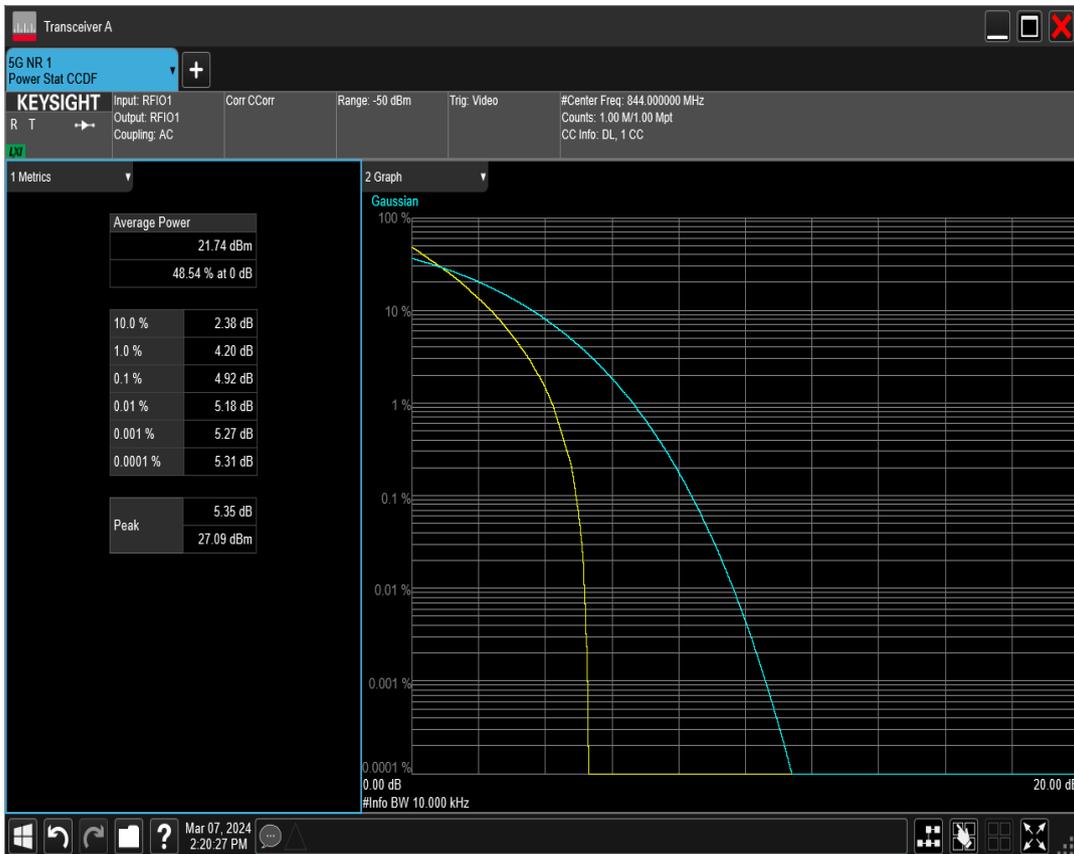
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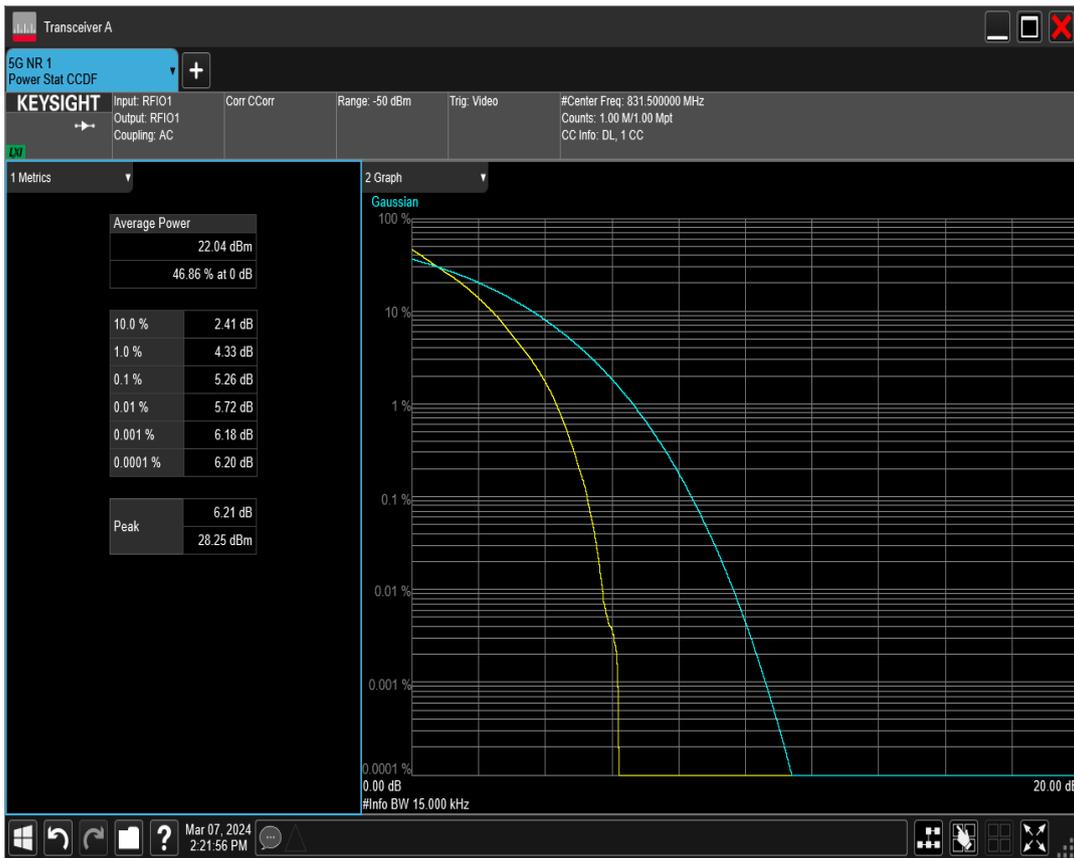
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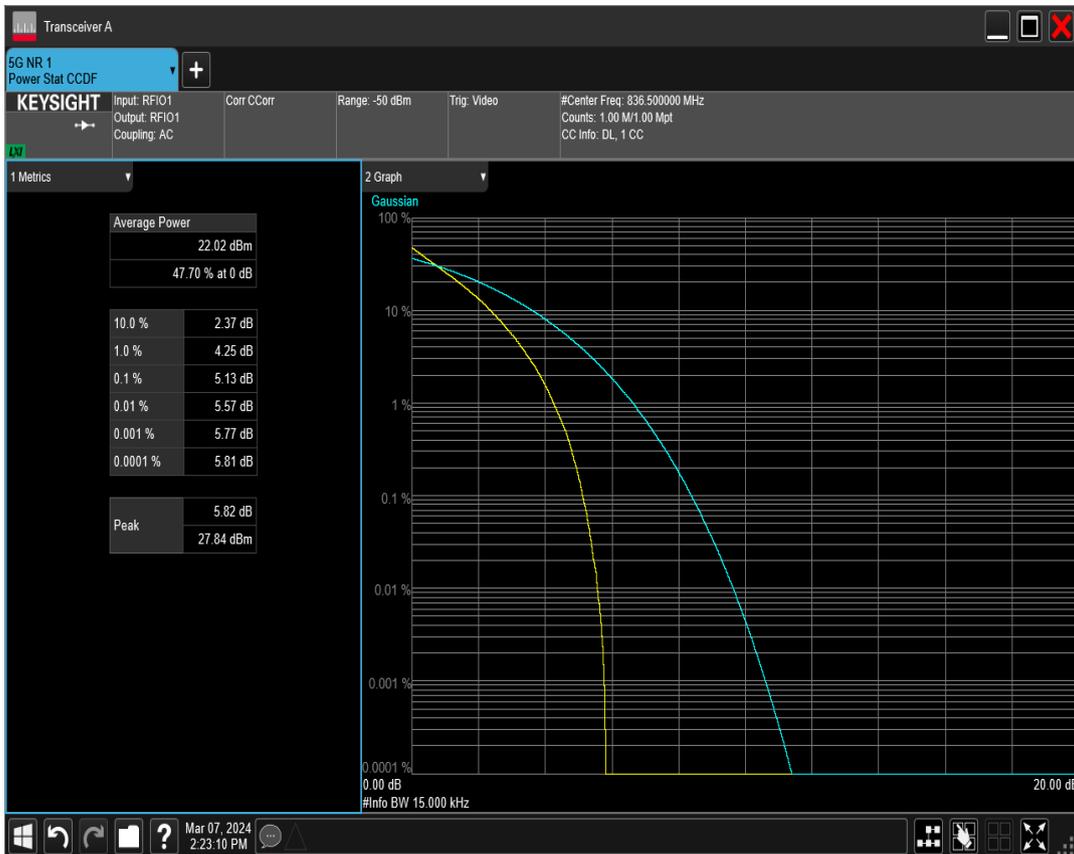
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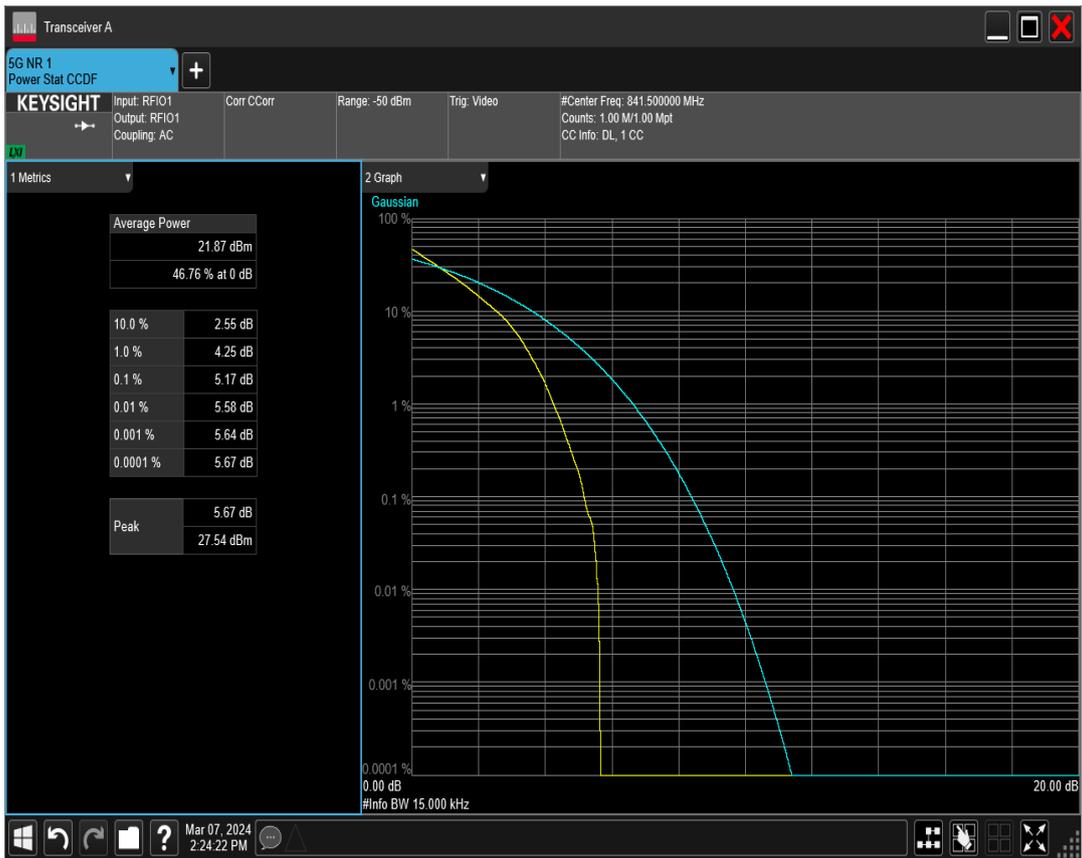
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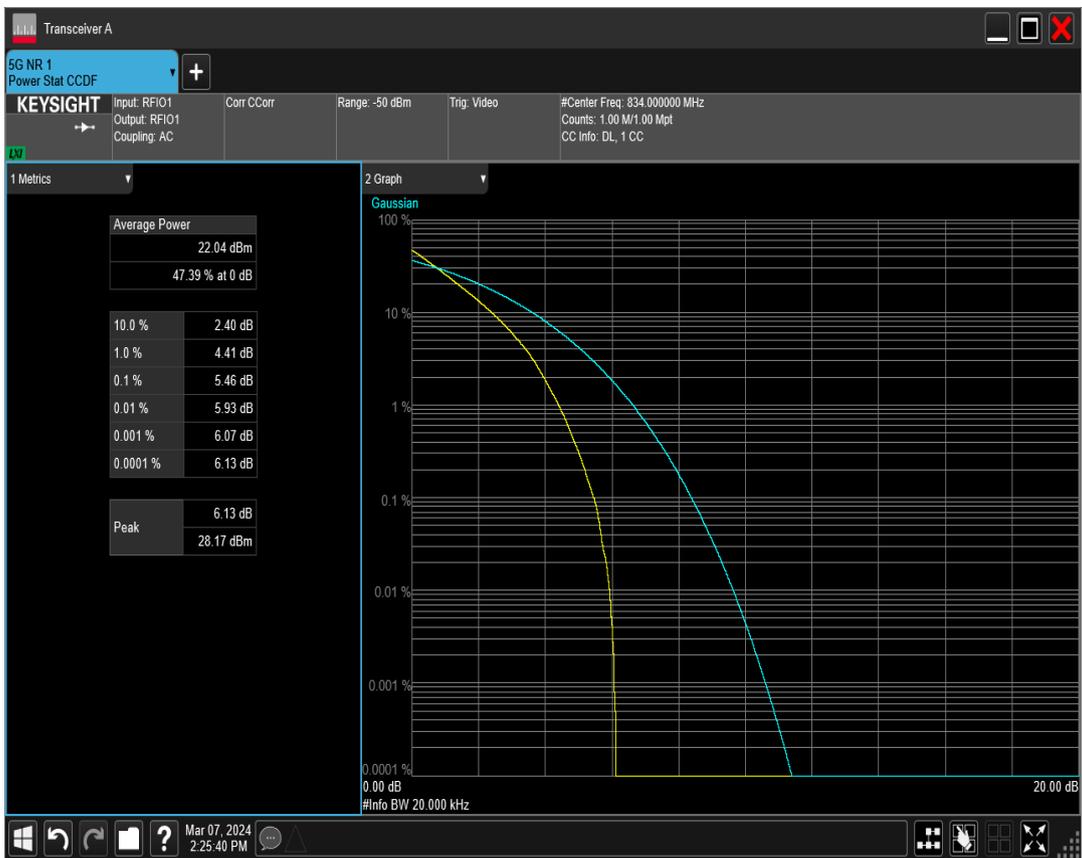
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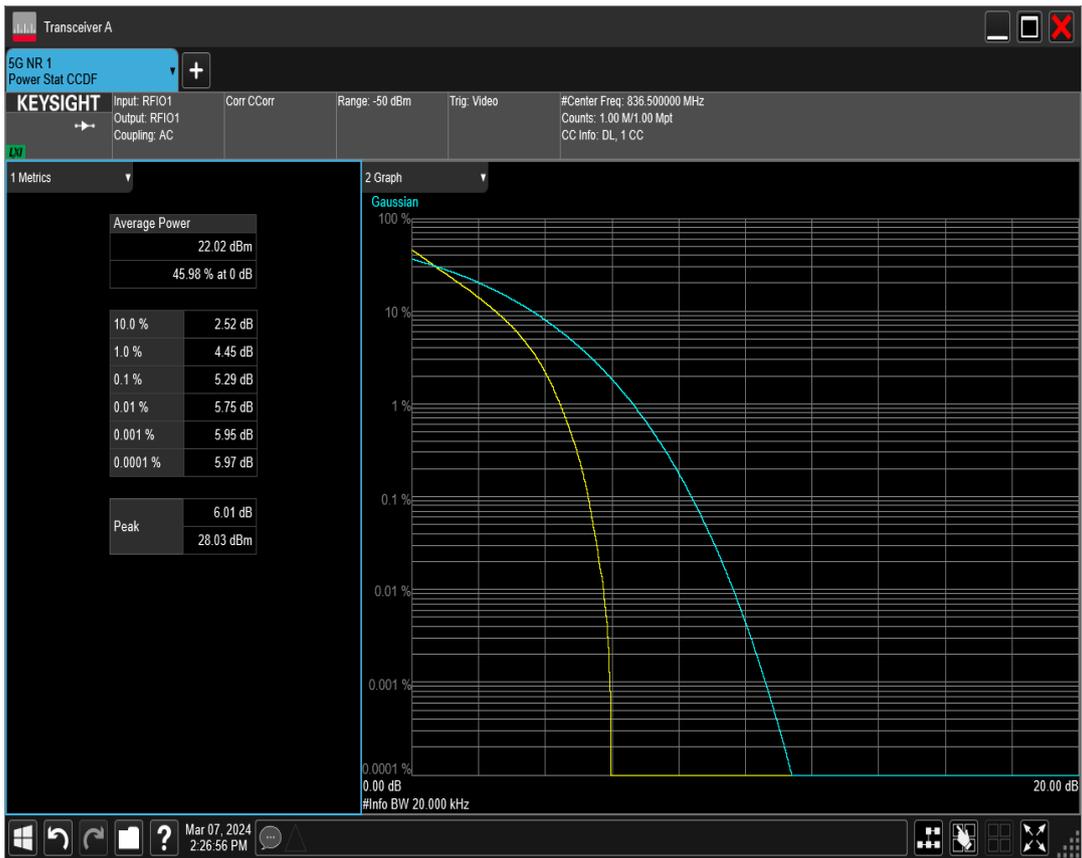
n5 SCS=30kHz DFT\_QPSK BW=15MHz Channel=168300 RB=36@0



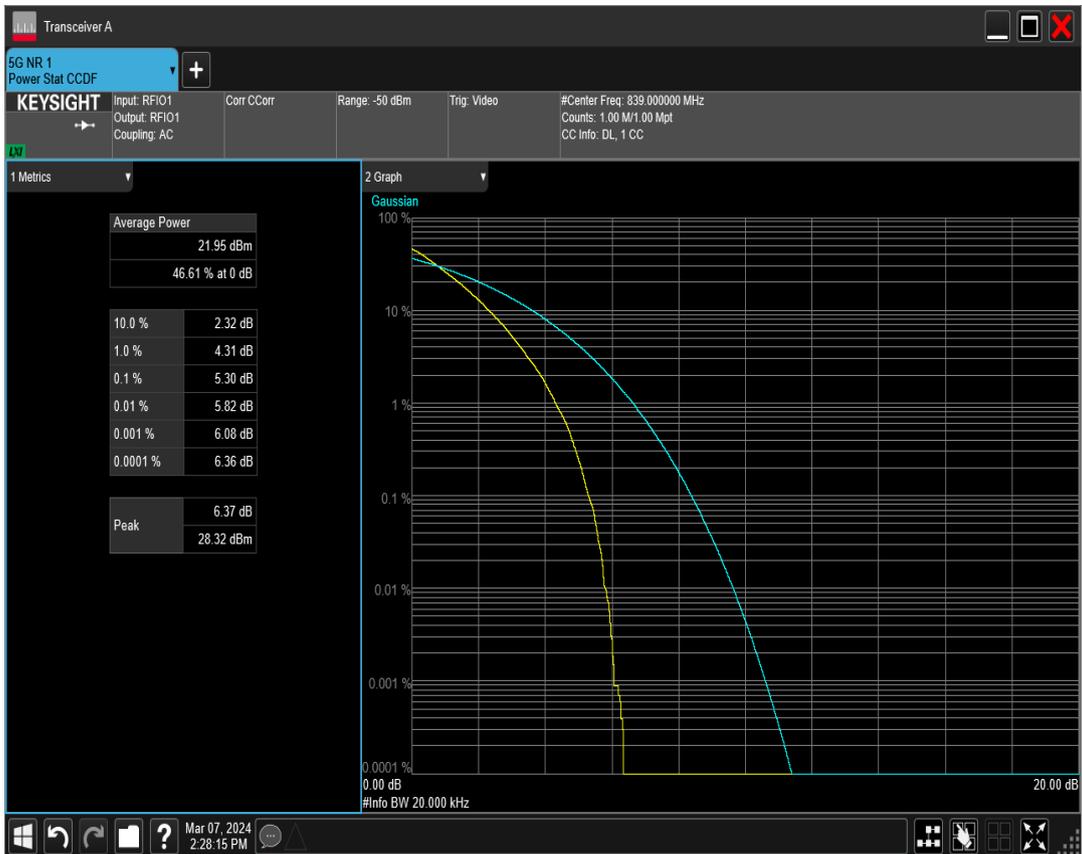
n5 SCS=30kHz DFT\_QPSK BW=20MHz Channel=166800 RB=50@0



n5 SCS=30kHz DFT\_QPSK BW=20MHz Channel=167300 RB=50@0



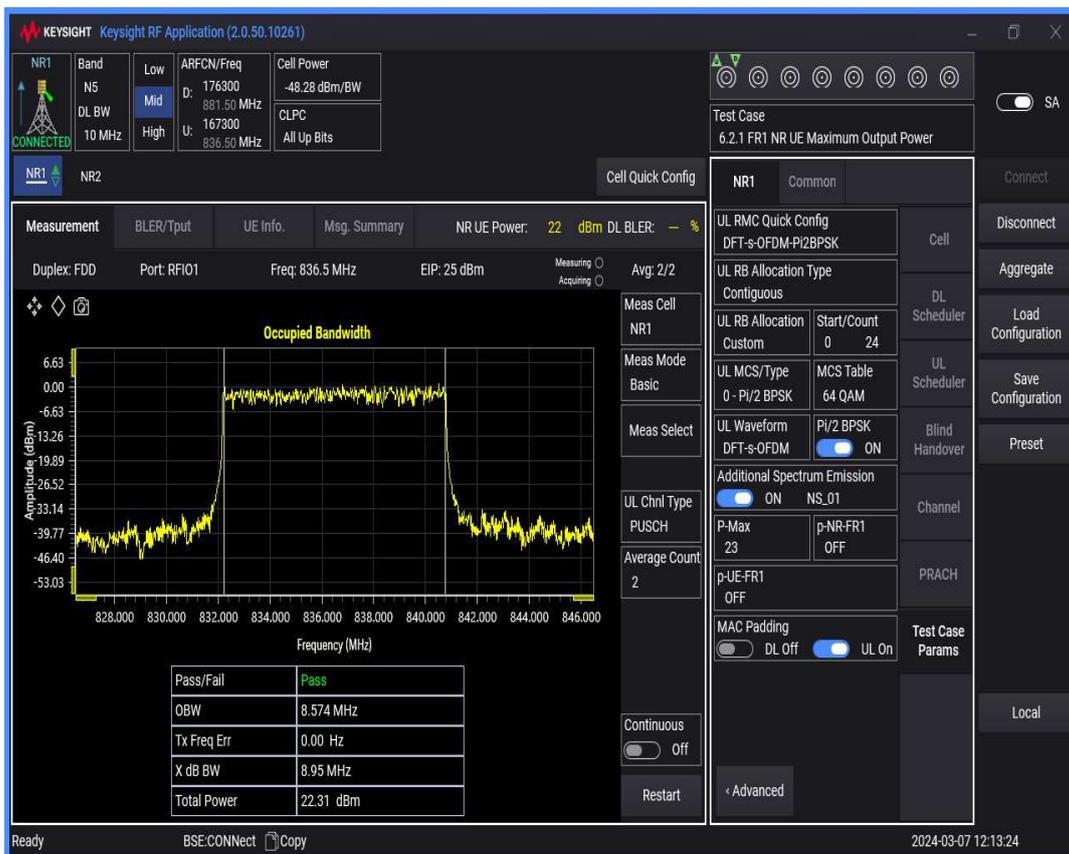
n5 SCS=30kHz DFT\_QPSK BW=20MHz Channel=167800 RB=50@0



### 4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n5	30	10	167300	24@0	DFT_BPSK	8.570	8.950	PASS
n5	30	10	167300	24@0	DFT_QPSK	8.550	9.000	PASS
n5	30	10	167300	24@0	DFT_QAM16	8.560	8.940	PASS
n5	30	10	167300	24@0	DFT_QAM64	8.560	8.840	PASS
n5	30	10	167300	24@0	DFT_QAM256	8.550	8.840	PASS
n5	30	15	167300	36@0	DFT_BPSK	13.450	13.300	PASS
n5	30	15	167300	36@0	DFT_QPSK	13.500	13.310	PASS
n5	30	15	167300	36@0	DFT_QAM16	13.510	13.250	PASS
n5	30	15	167300	36@0	DFT_QAM64	13.420	13.150	PASS
n5	30	15	167300	36@0	DFT_QAM256	13.440	13.230	PASS
n5	30	20	167300	50@0	DFT_BPSK	18.010	18.320	PASS
n5	30	20	167300	50@0	DFT_QPSK	18.010	18.300	PASS
n5	30	20	167300	50@0	DFT_QAM16	18.010	18.260	PASS
n5	30	20	167300	50@0	DFT_QAM64	17.990	18.300	PASS
n5	30	20	167300	50@0	DFT_QAM256	18.030	18.380	PASS

n5 SCS=30kHz DFT\_BPSK BW=10MHz Channel=167300 RB=24@0



n5 SCS=30kHz DFT\_BPSK BW=15MHz Channel=167300 RB=36@0



n5 SCS=30kHz DFT\_BPSK BW=20MHz Channel=167300 RB=50@0



n5 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=167300 RB=24@0



n5 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=167300 RB=36@0



n5 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=167300 RB=50@0



n5 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=167300 RB=24@0



n5 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=167300 RB=36@0



n5 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=167300 RB=50@0



n5 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=167300 RB=24@0



n5 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=167300 RB=36@0



n5 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=167300 RB=50@0



n5 SCS=30kHz DFT\_QPSK BW=10MHz Channel=167300 RB=24@0



n5 SCS=30kHz DFT\_QPSK BW=15MHz Channel=167300 RB=36@0



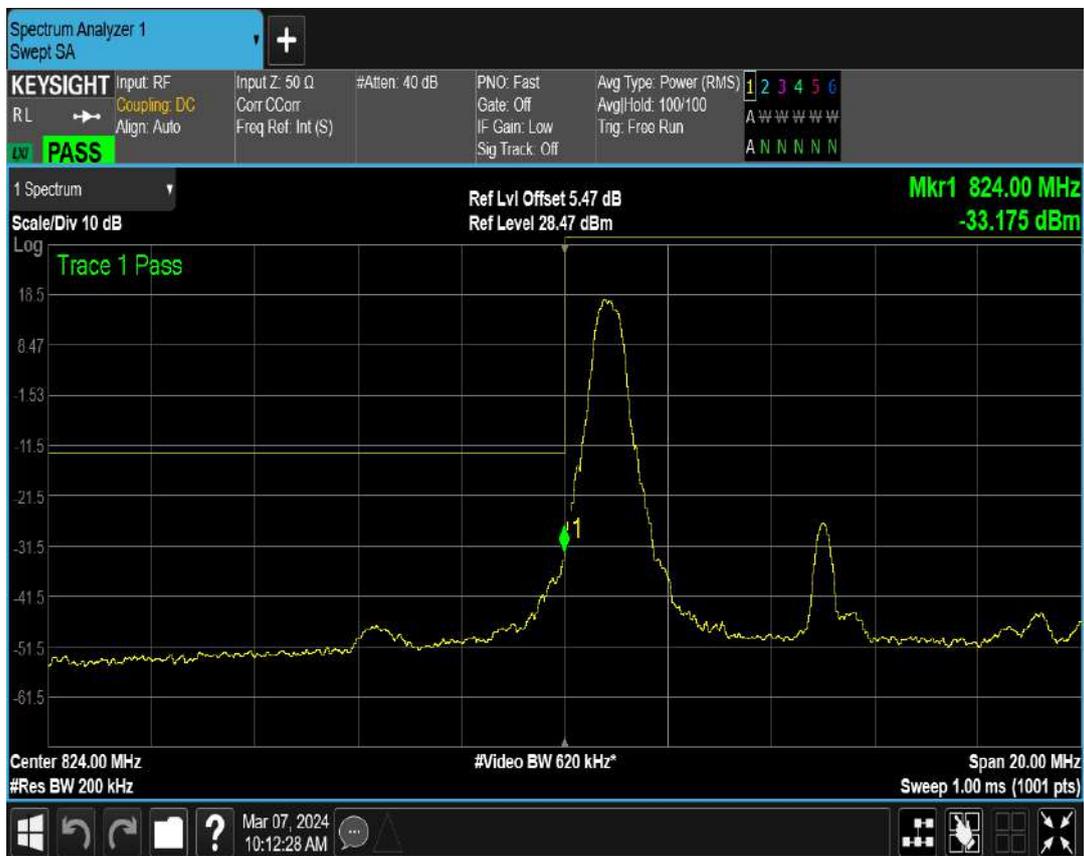
n5 SCS=30kHz DFT\_QPSK BW=20MHz Channel=167300 RB=50@0



### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	30	10	165800	24@0	CP_QPSK	823.38	-33.17	-13	PASS
n5	30	10	165800	1@0	CP_QPSK	824.00	-33.17	-13	PASS
n5	30	10	165800	1@23	CP_QPSK	817.70	-43.82	-13	PASS
n5	30	10	168800	24@0	CP_QPSK	849.20	-31.69	-13	PASS
n5	30	10	168800	1@0	CP_QPSK	855.24	-44.52	-13	PASS
n5	30	10	168800	1@23	CP_QPSK	849.20	-33.94	-13	PASS
n5	30	15	166300	38@0	CP_QPSK	823.49	-32.06	-13	PASS
n5	30	15	166300	1@0	CP_QPSK	824.00	-25.68	-13	PASS
n5	30	15	166300	1@37	CP_QPSK	822.77	-48.74	-13	PASS
n5	30	15	168300	38@0	CP_QPSK	850.98	-31.29	-13	PASS
n5	30	15	168300	1@0	CP_QPSK	850.08	-48.93	-13	PASS
n5	30	15	168300	1@37	CP_QPSK	849.00	-23.24	-13	PASS
n5	30	20	166800	51@0	CP_QPSK	823.84	-30.00	-13	PASS
n5	30	20	166800	1@0	CP_QPSK	824.00	-37.22	-13	PASS
n5	30	20	166800	1@50	CP_QPSK	818.28	-50.59	-13	PASS
n5	30	20	167800	51@0	CP_QPSK	849.08	-30.21	-13	PASS
n5	30	20	167800	1@0	CP_QPSK	854.68	-49.52	-13	PASS
n5	30	20	167800	1@50	CP_QPSK	849.00	-35.31	-13	PASS

n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=165800 RB=1@0



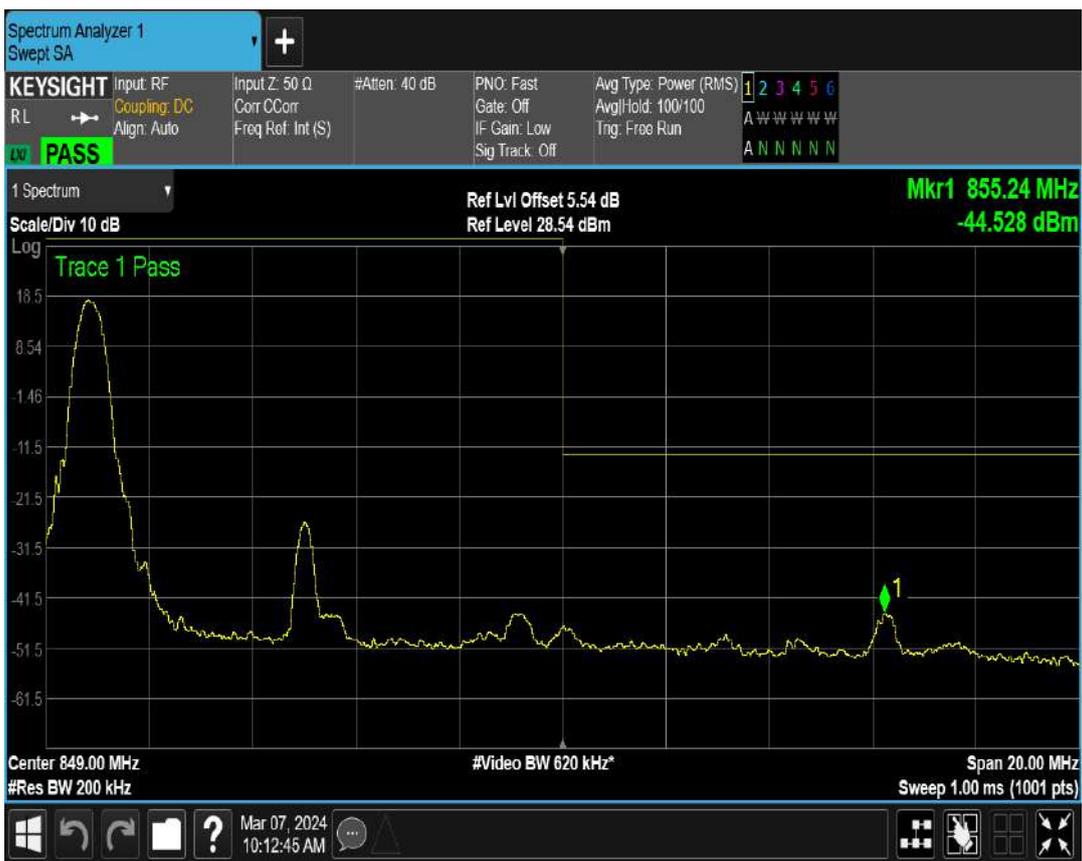
n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=165800 RB=1 @23



n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=165800 RB=24 @0



n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=168800 RB=1@0



n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=168800 RB=1@23



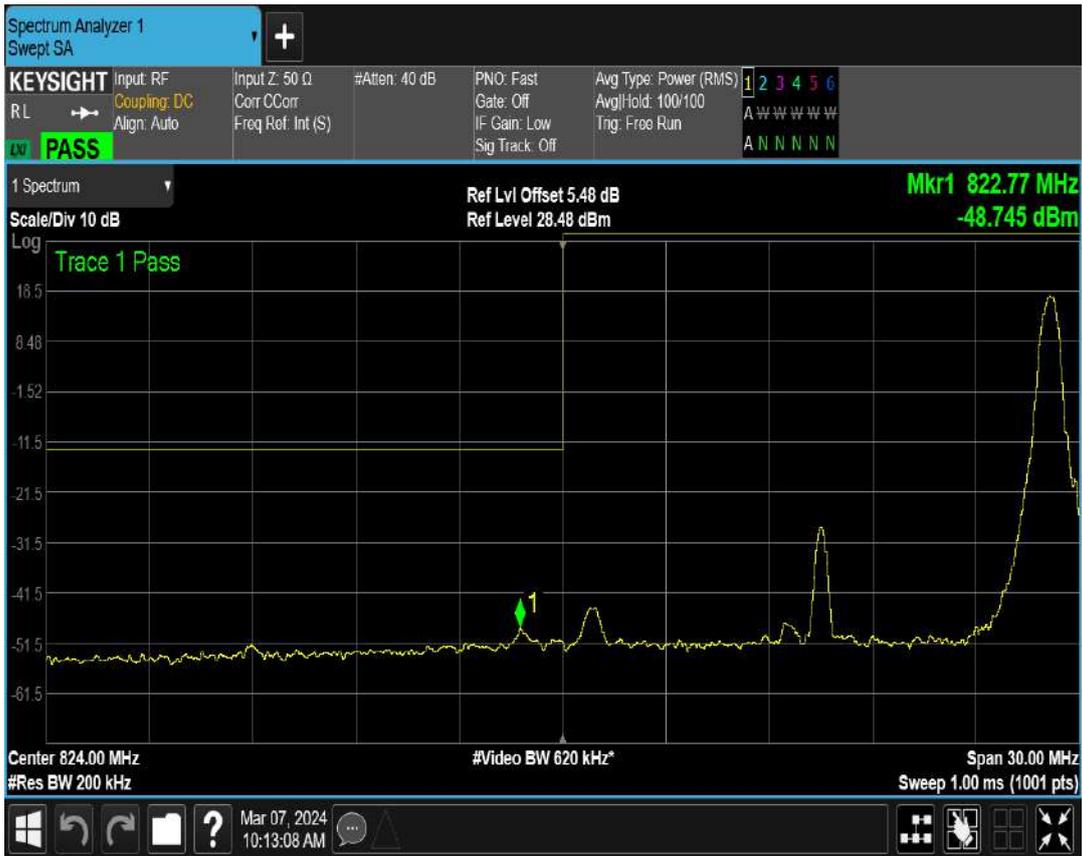
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n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=166300 RB=1@0



n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=166300 RB=1@37



n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=166300 RB=38@0



n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=168300 RB=1@0



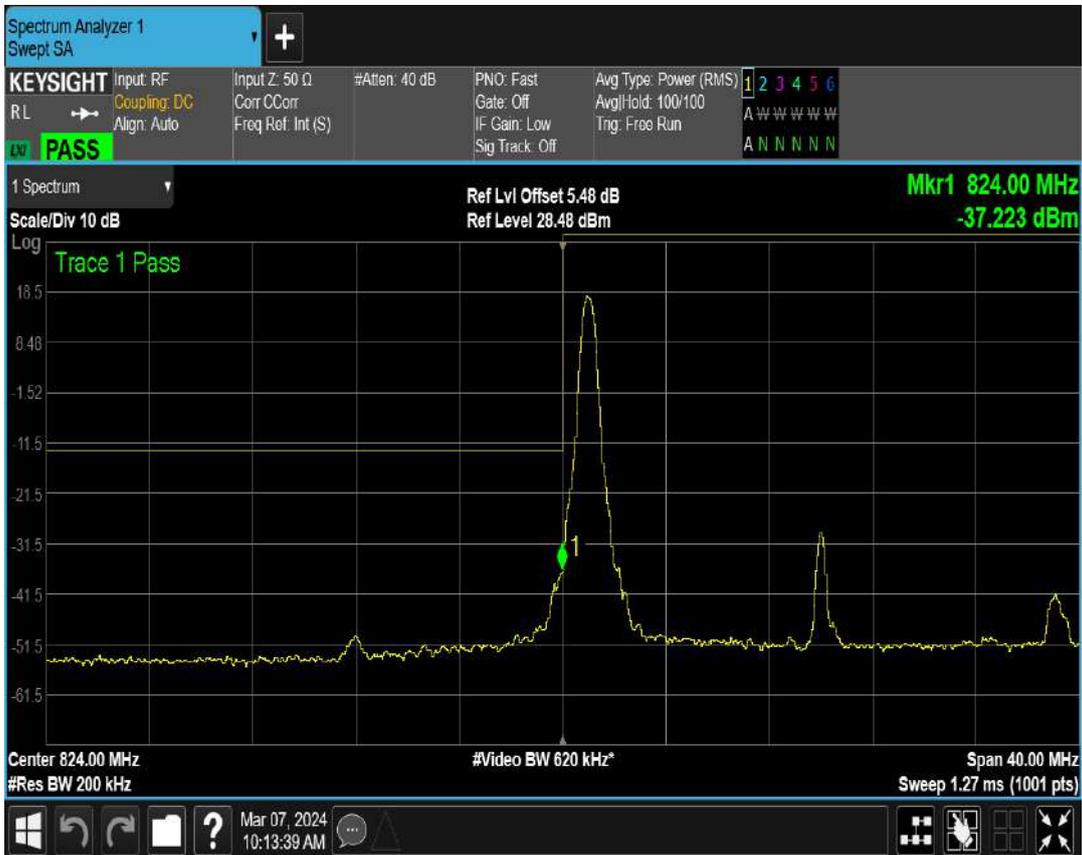
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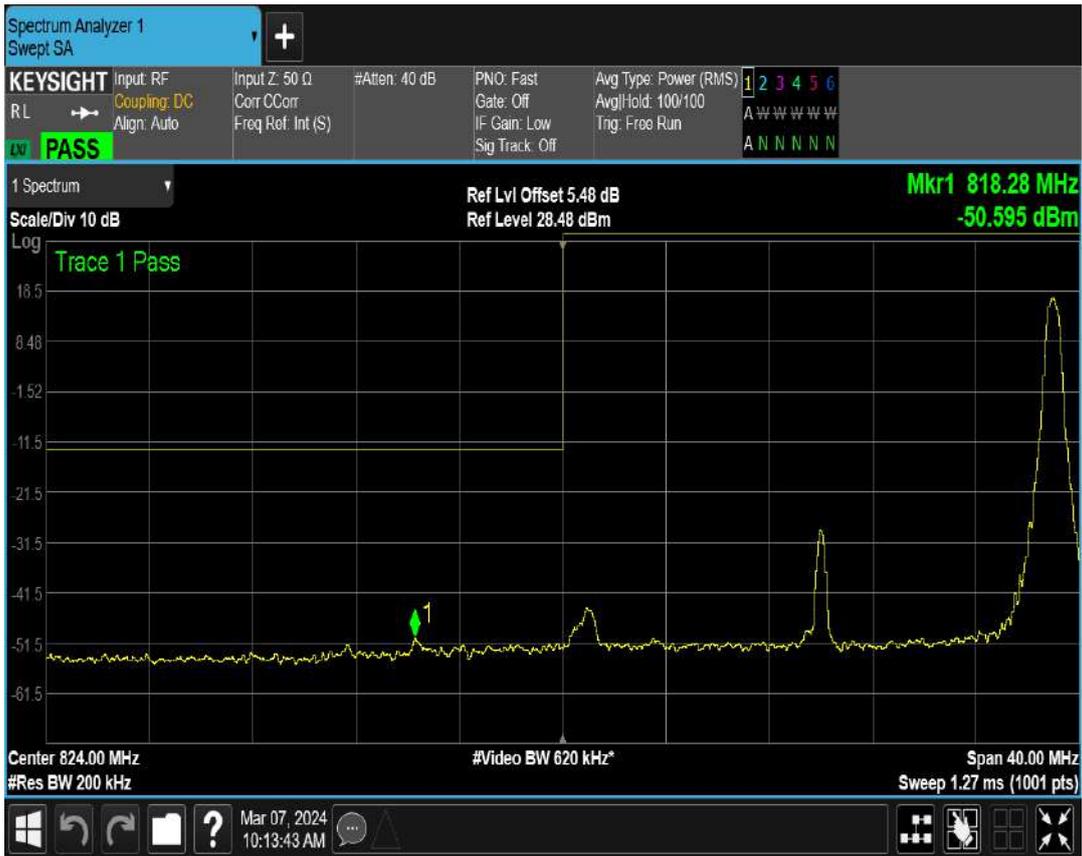
n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=168300 RB=38@0



n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=166800 RB=1@0



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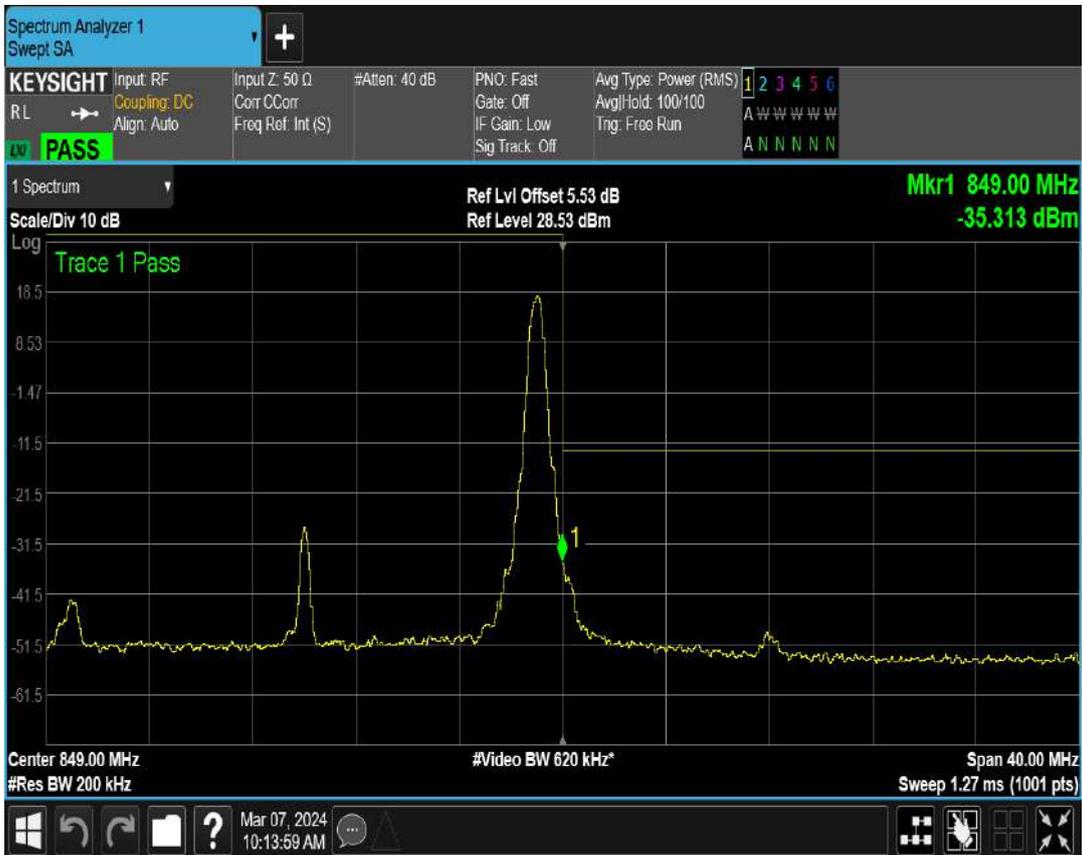
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n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=167800 RB=1@0



n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=167800 RB=1@50



n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=167800 RB=51 @0



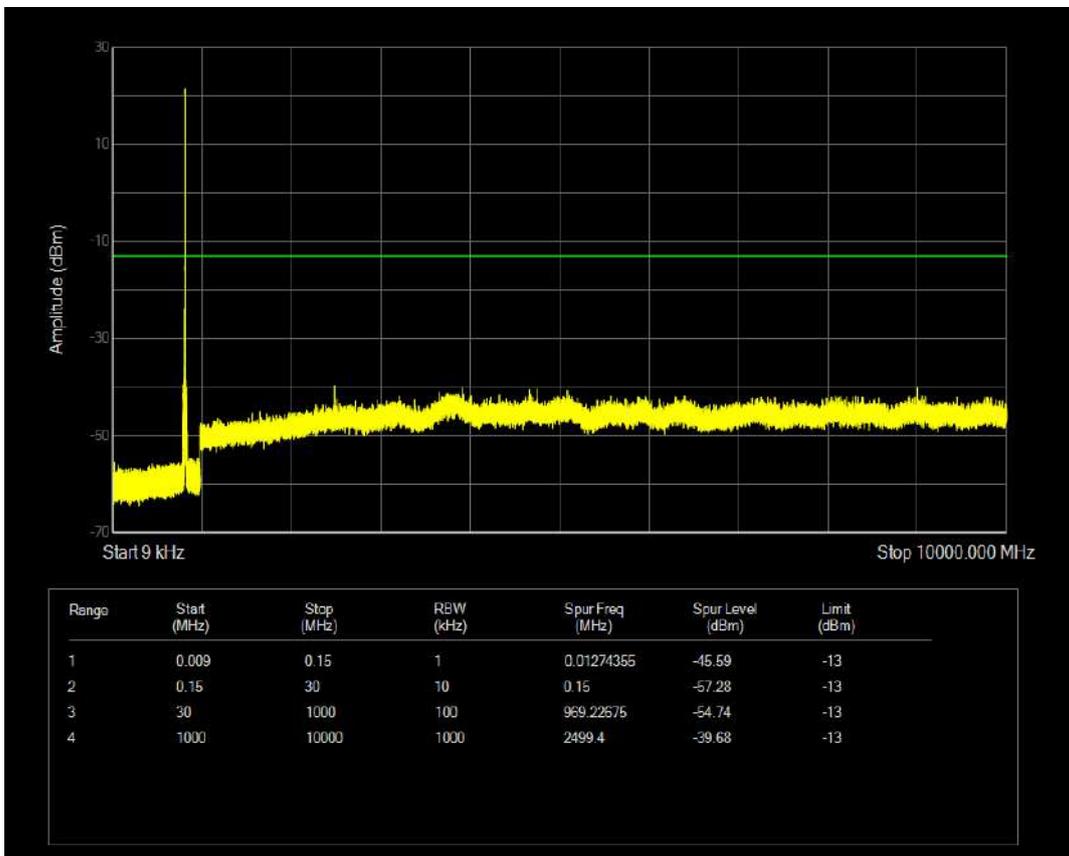
**6 Out-of-band emissions for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	30	10	165800	24@0	CP_QPSK	3882.48	-39.65	-13	PASS
n5	30	10	165800	1@0	CP_QPSK	2474.43	-39.19	-13	PASS
n5	30	10	165800	1@23	CP_QPSK	2499.40	-39.68	-13	PASS
n5	30	10	168800	24@0	CP_QPSK	3701.80	-40.24	-13	PASS
n5	30	10	168800	1@0	CP_QPSK	3885.63	-39.94	-13	PASS
n5	30	10	168800	1@23	CP_QPSK	2544.40	-36.81	-13	PASS
n5	30	15	166300	38@0	CP_QPSK	3761.65	-40.62	-13	PASS
n5	30	15	166300	1@0	CP_QPSK	5133.25	-39.99	-13	PASS
n5	30	15	166300	1@37	CP_QPSK	3894.40	-39.14	-13	PASS
n5	30	15	168300	38@0	CP_QPSK	3758.73	-40.09	-13	PASS
n5	30	15	168300	1@0	CP_QPSK	3925.45	-40.08	-13	PASS
n5	30	15	168300	1@37	CP_QPSK	2544.63	-37.91	-13	PASS
n5	30	20	166800	51@0	CP_QPSK	3818.13	-39.37	-13	PASS
n5	30	20	166800	1@0	CP_QPSK	2474.88	-38.23	-13	PASS
n5	30	20	166800	1@50	CP_QPSK	2529.55	-37.00	-13	PASS
n5	30	20	167800	51@0	CP_QPSK	3849.18	-39.43	-13	PASS
n5	30	20	167800	1@0	CP_QPSK	2490.40	-39.10	-13	PASS
n5	30	20	167800	1@50	CP_QPSK	3827.35	-39.00	-13	PASS

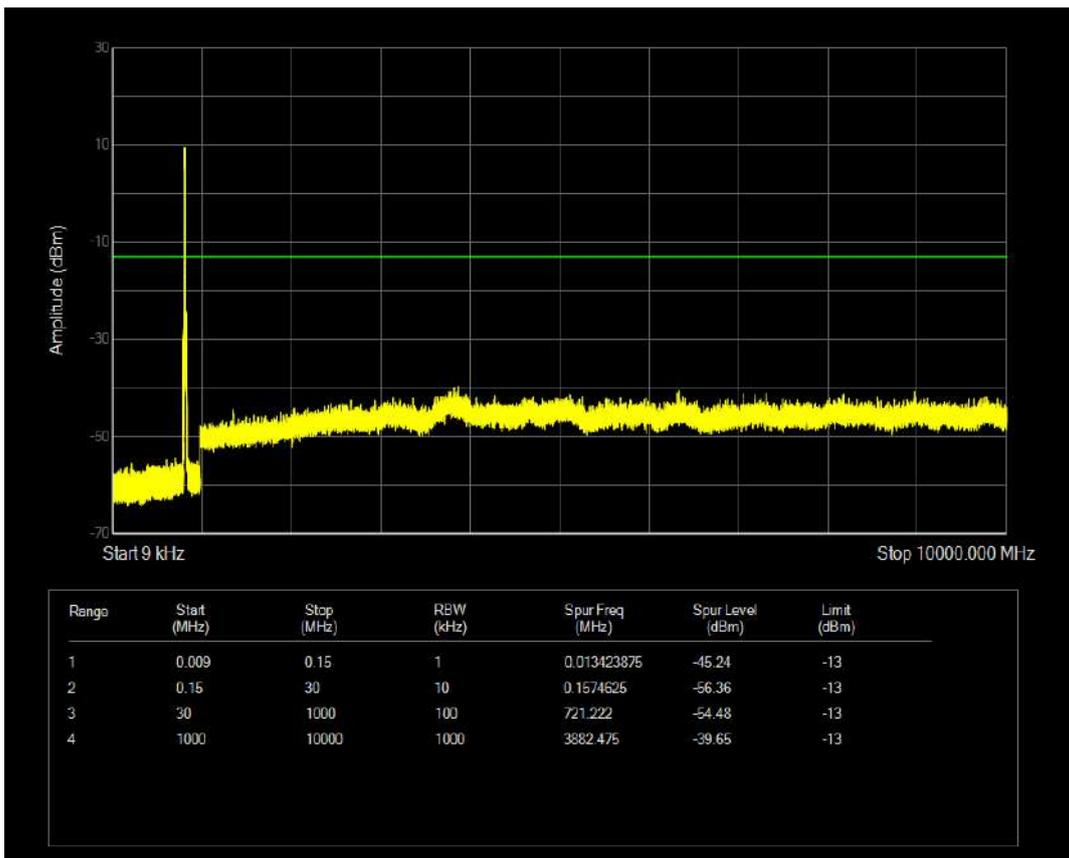
n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=165800 RB=1@0



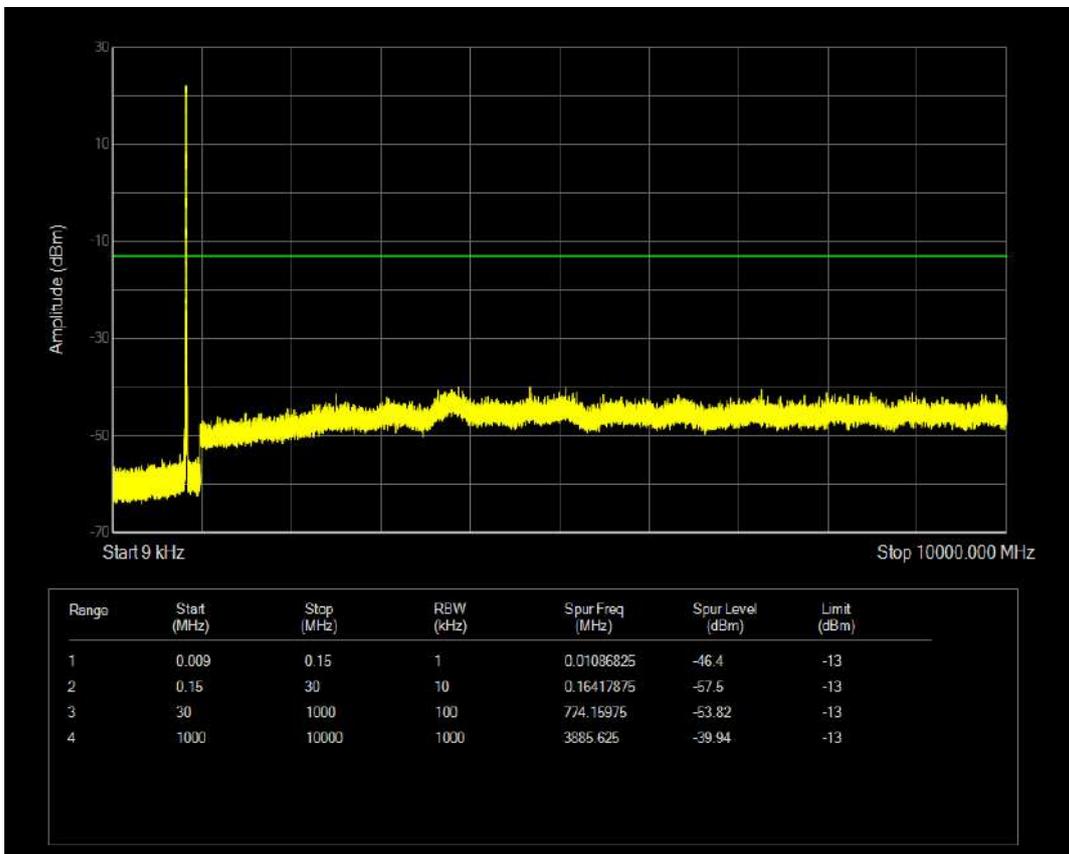
n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=165800 RB=1@23



n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=165800 RB=24@0



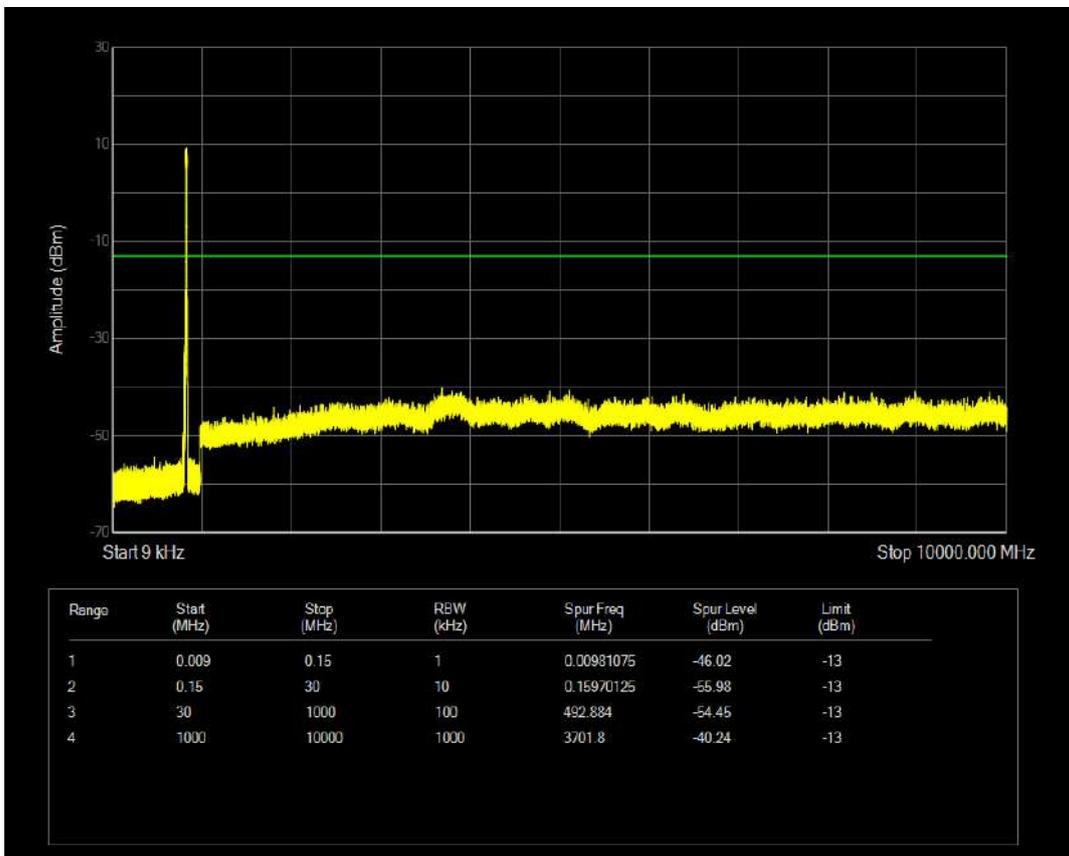
n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=168800 RB=1@0



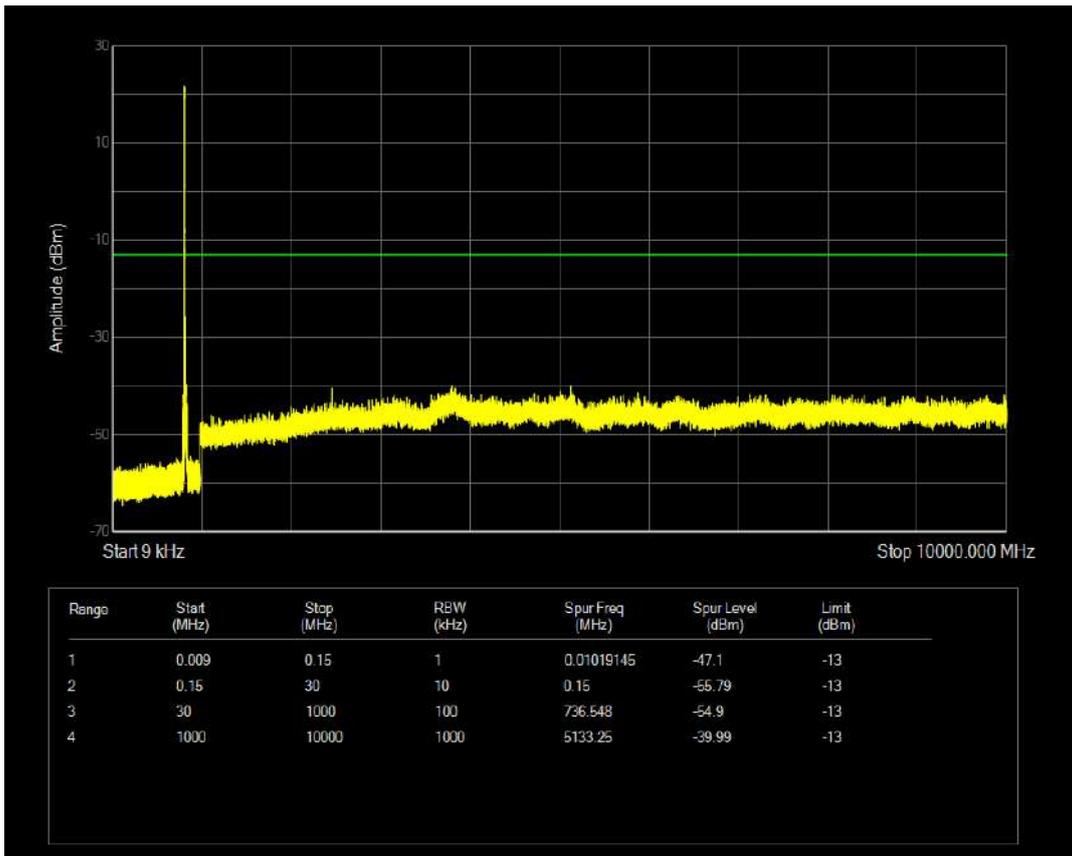
n5 SCS=30kHz CP\_QPSK BW=10MHz Channel=168800 RB=1@23



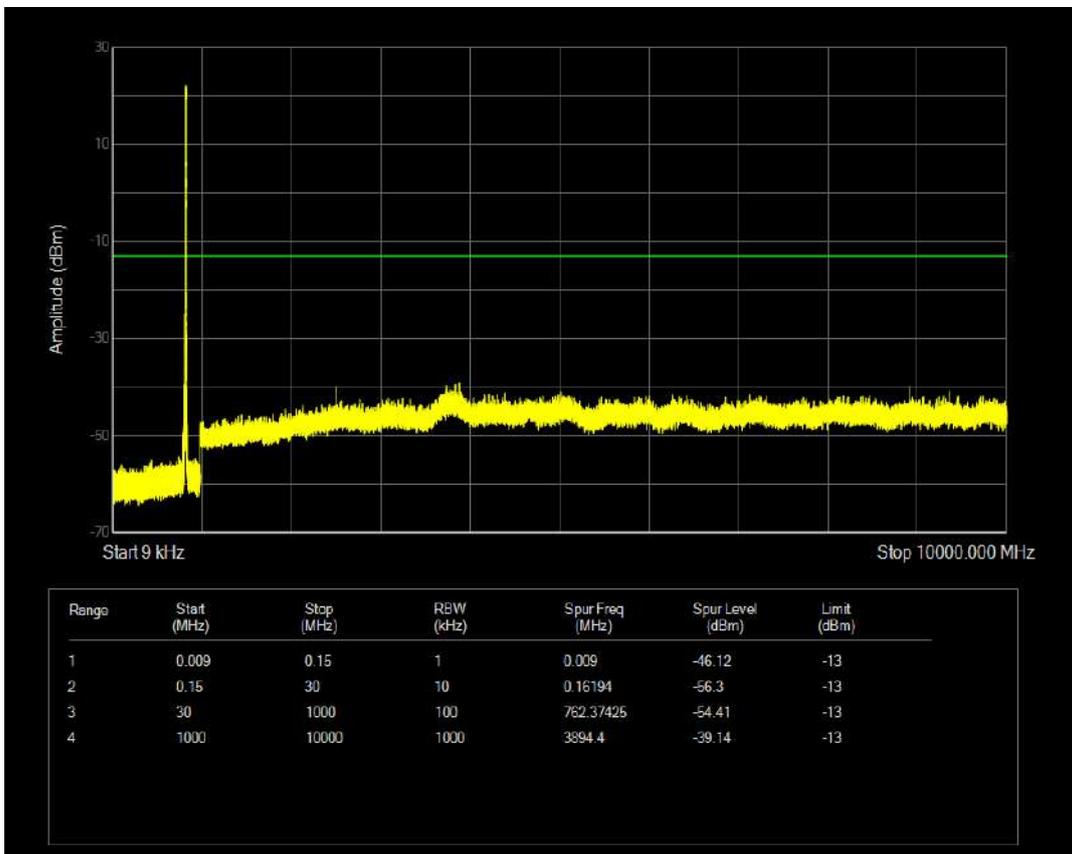
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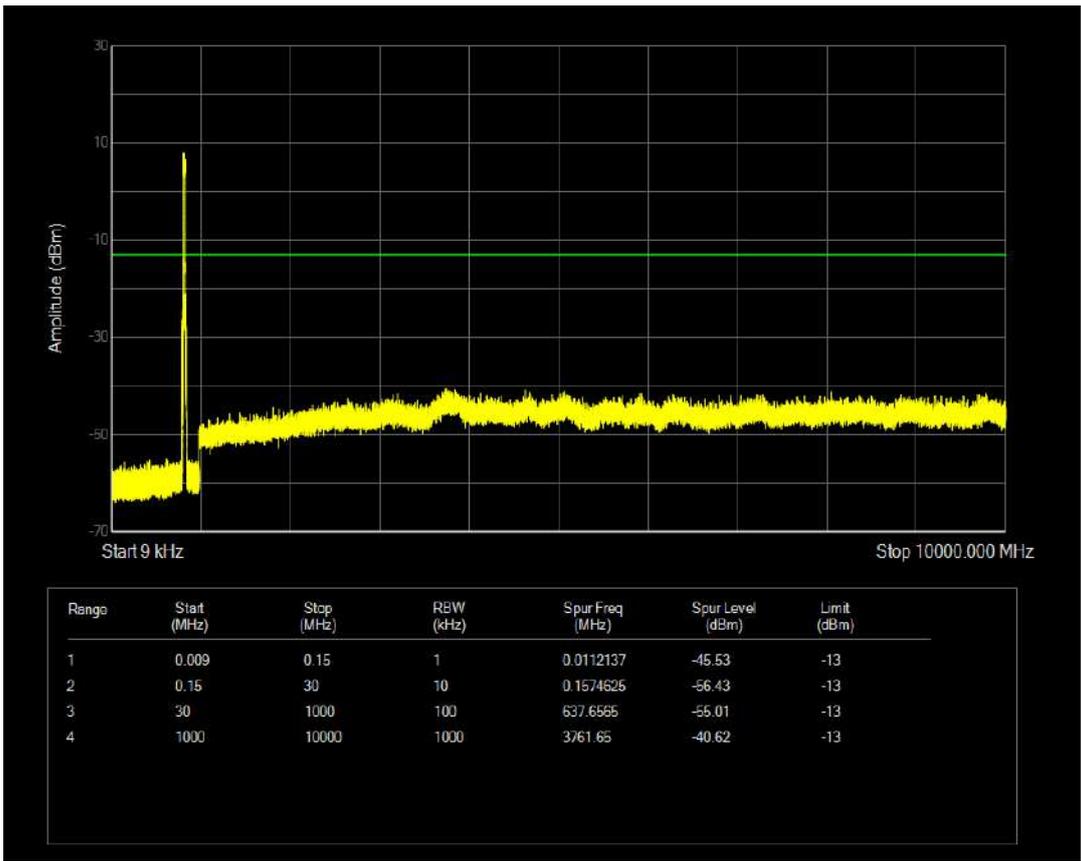
n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=166300 RB=1@0



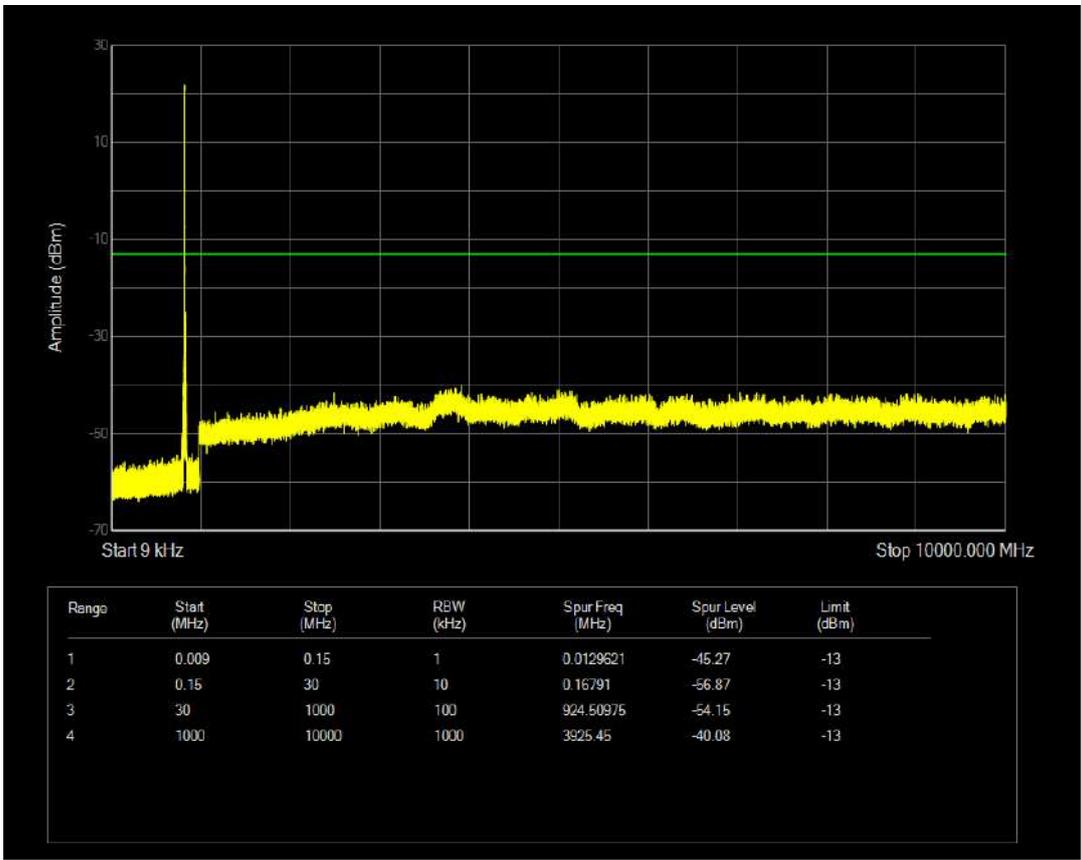
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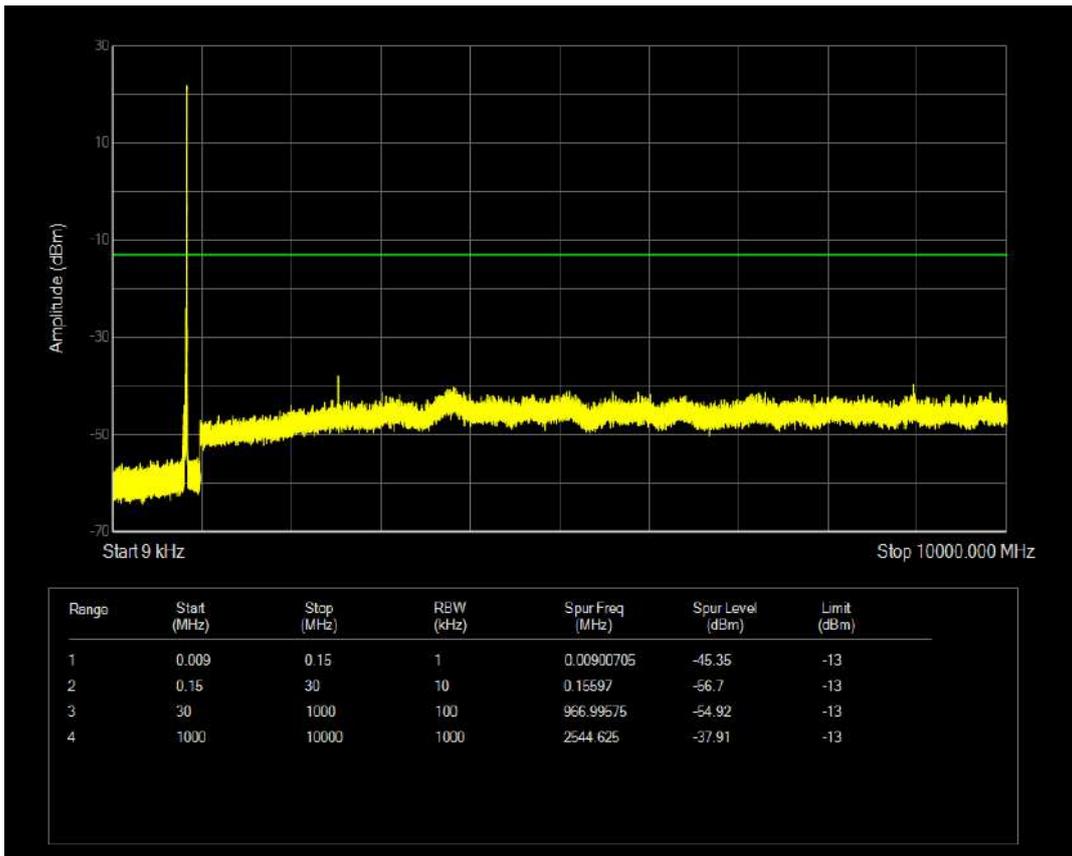
n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=166300 RB=38@0



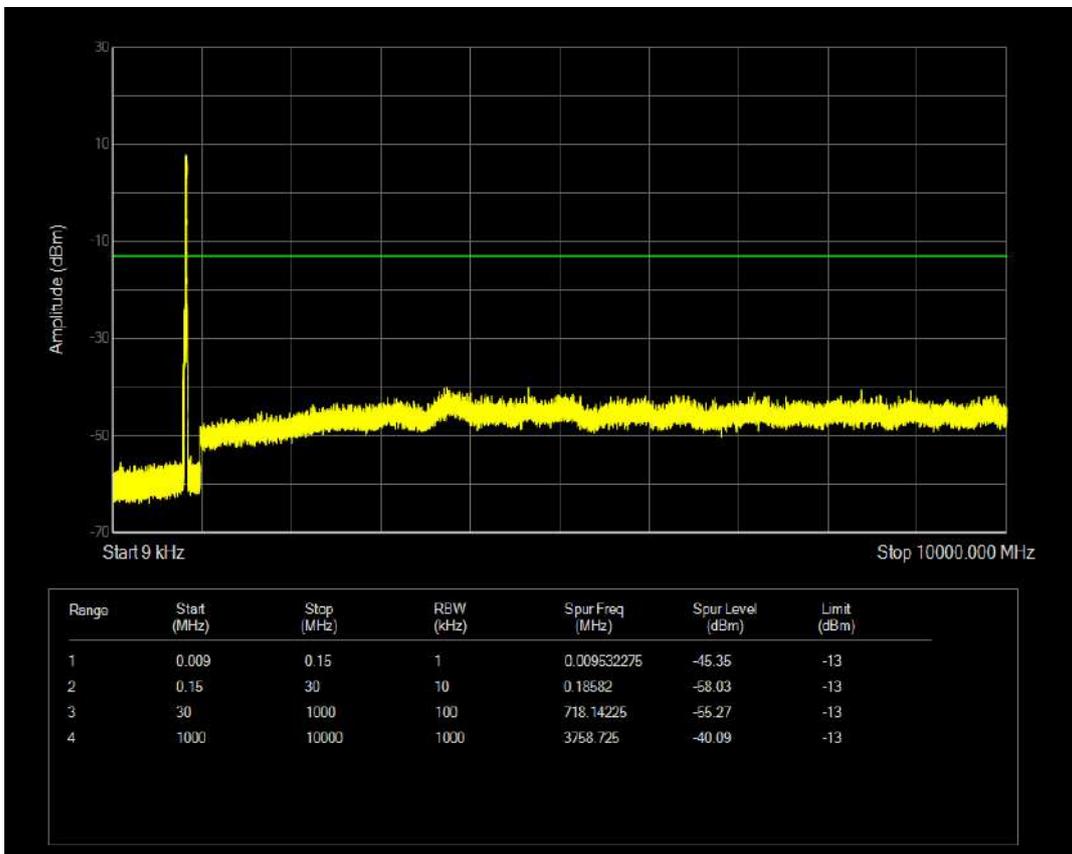
n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=168300 RB=1@0



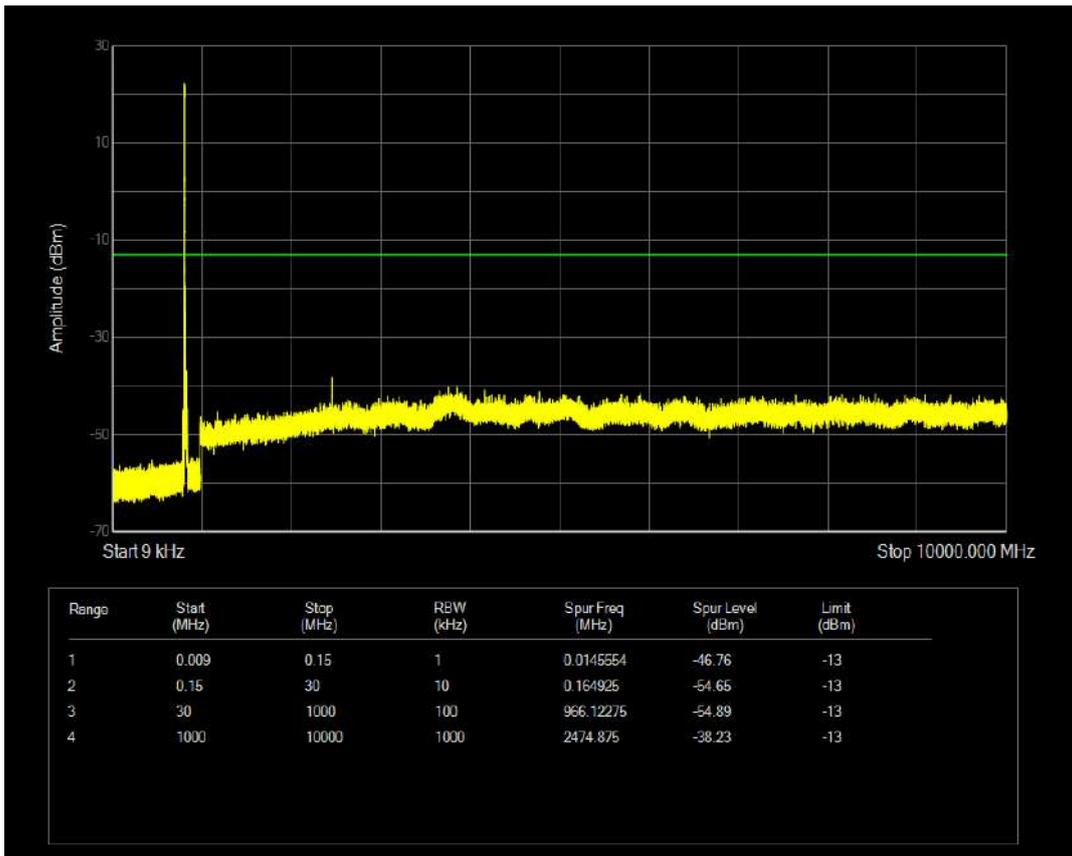
n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=168300 RB=1@37



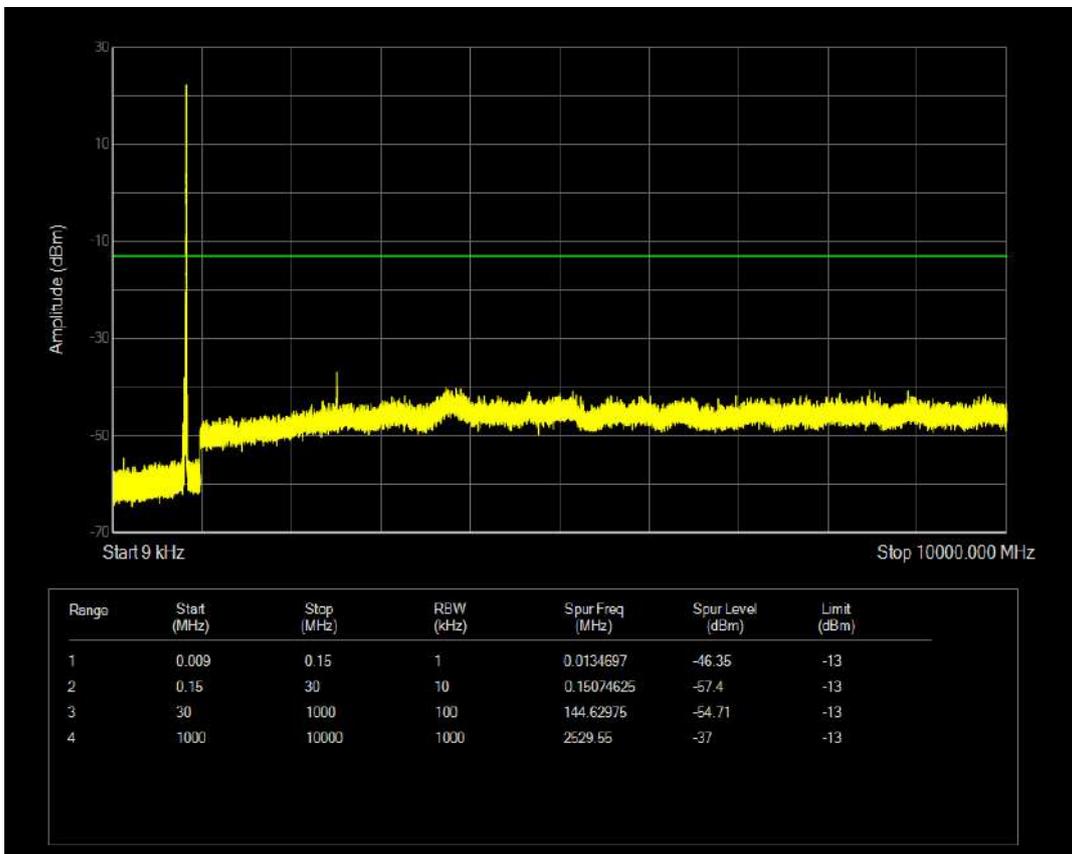
n5 SCS=30kHz CP\_QPSK BW=15MHz Channel=168300 RB=38@0



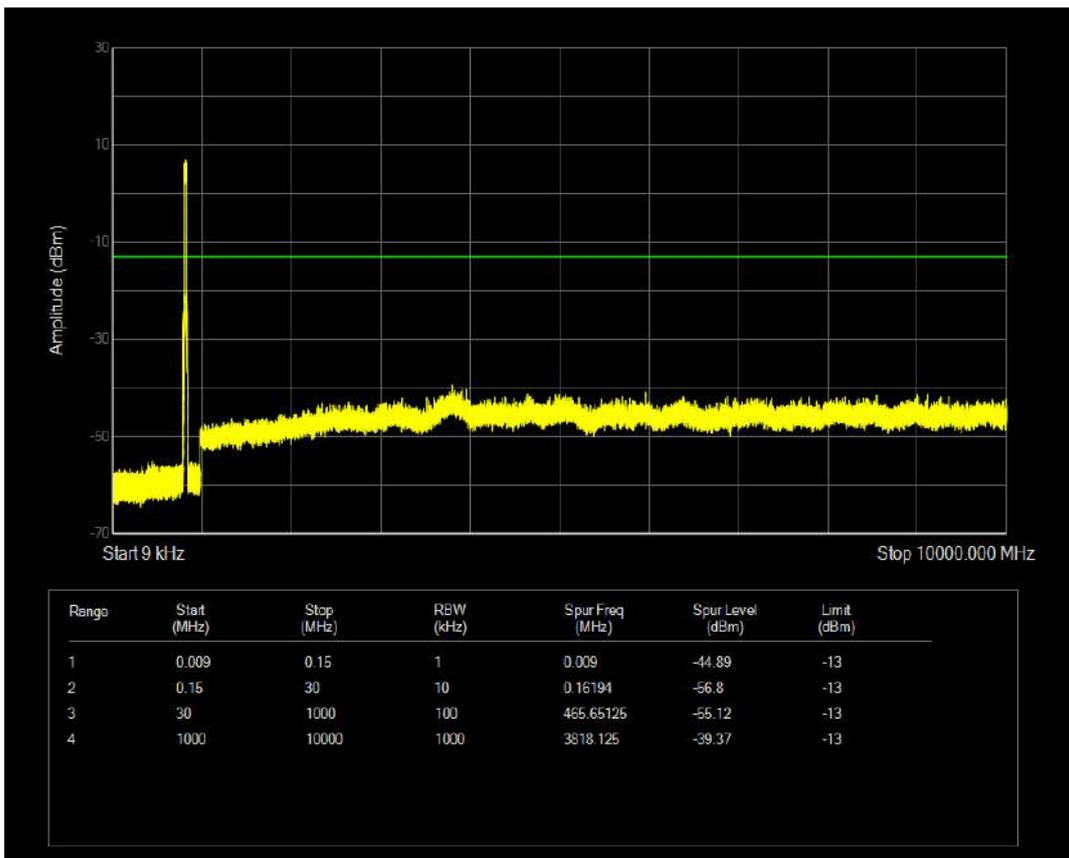
n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=166800 RB=1@0



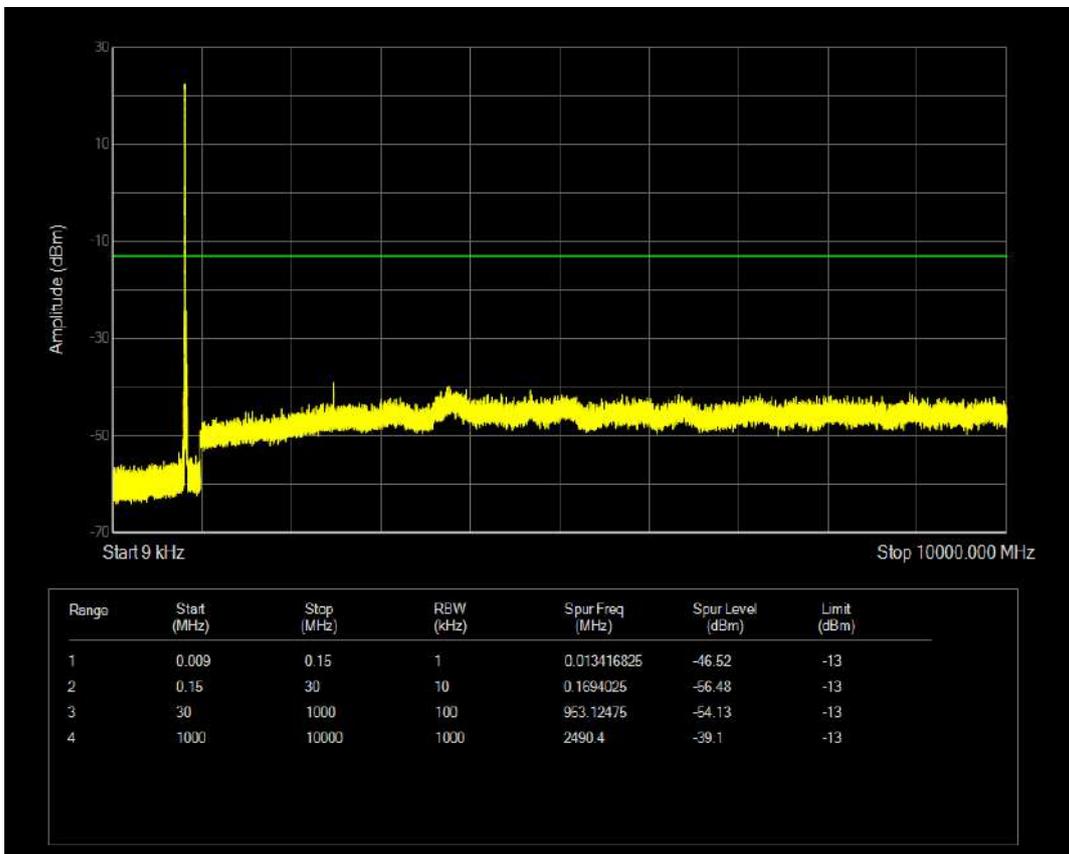
n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=166800 RB=1@50



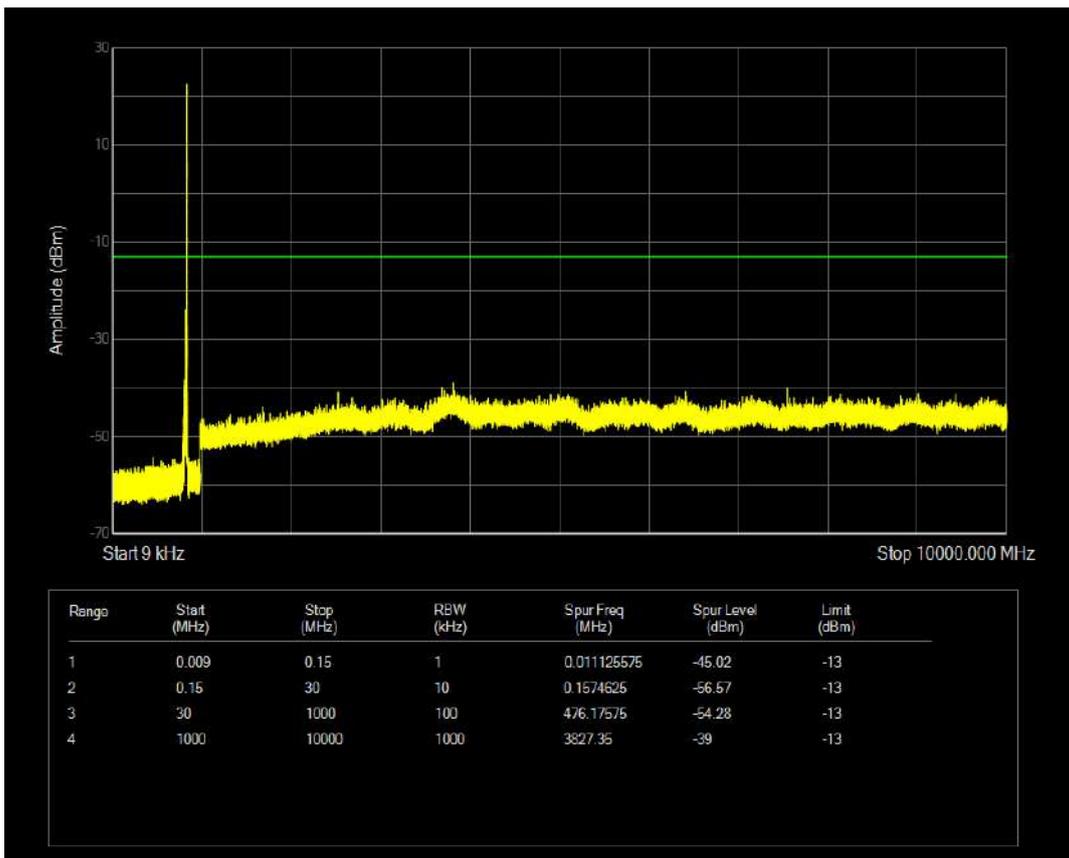
n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=166800 RB=51@0



n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=167800 RB=1@0



n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=167800 RB=1@50



n5 SCS=30kHz CP\_QPSK BW=20MHz Channel=167800 RB=51@0

