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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

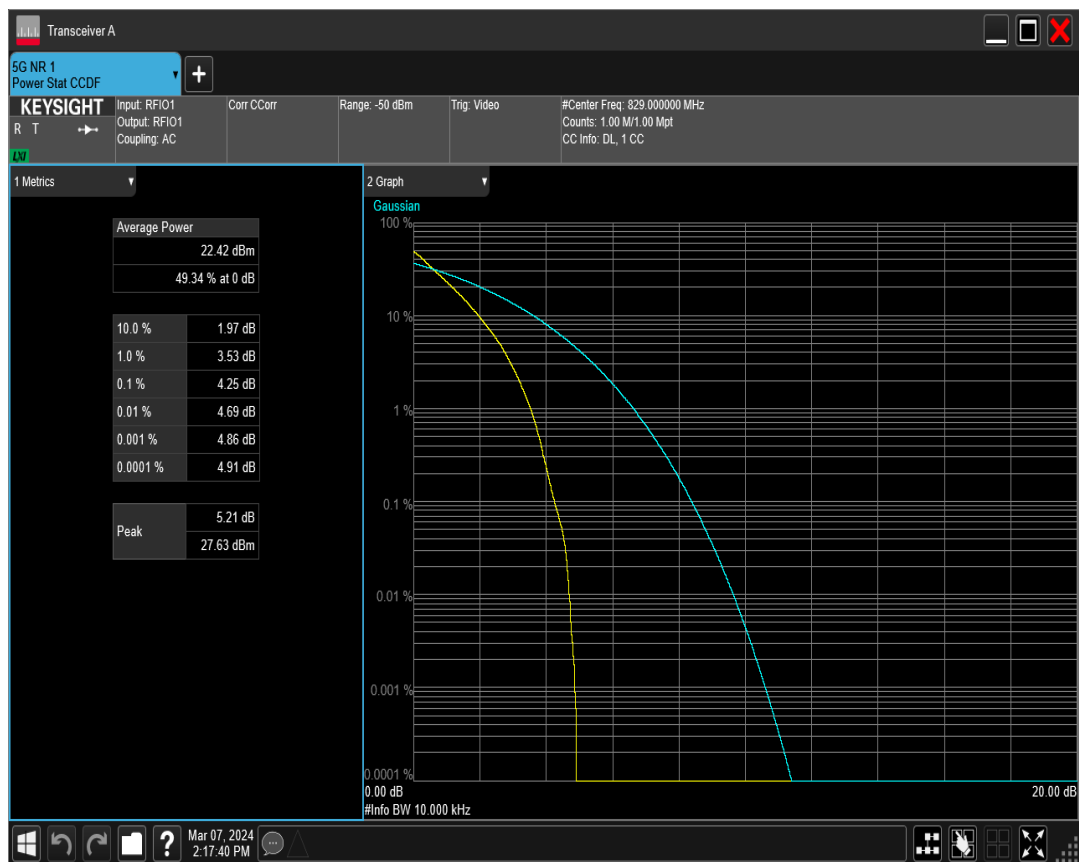
n5	30	20	166800	1@1	DFT_QPSK	-2.55	-0.00306	-2.5	2.5	PASS
n5	30	20	166800	1@49	DFT_QPSK	-2.44	-0.00293	-2.5	2.5	PASS
n5	30	20	167300	25@12	DFT_BPSK	-6.37	-0.00762	-2.5	2.5	PASS
n5	30	20	167300	1@1	DFT_BPSK	-10.11	-0.01209	-2.5	2.5	PASS
n5	30	20	167300	1@49	DFT_BPSK	-9.25	-0.01106	-2.5	2.5	PASS
n5	30	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

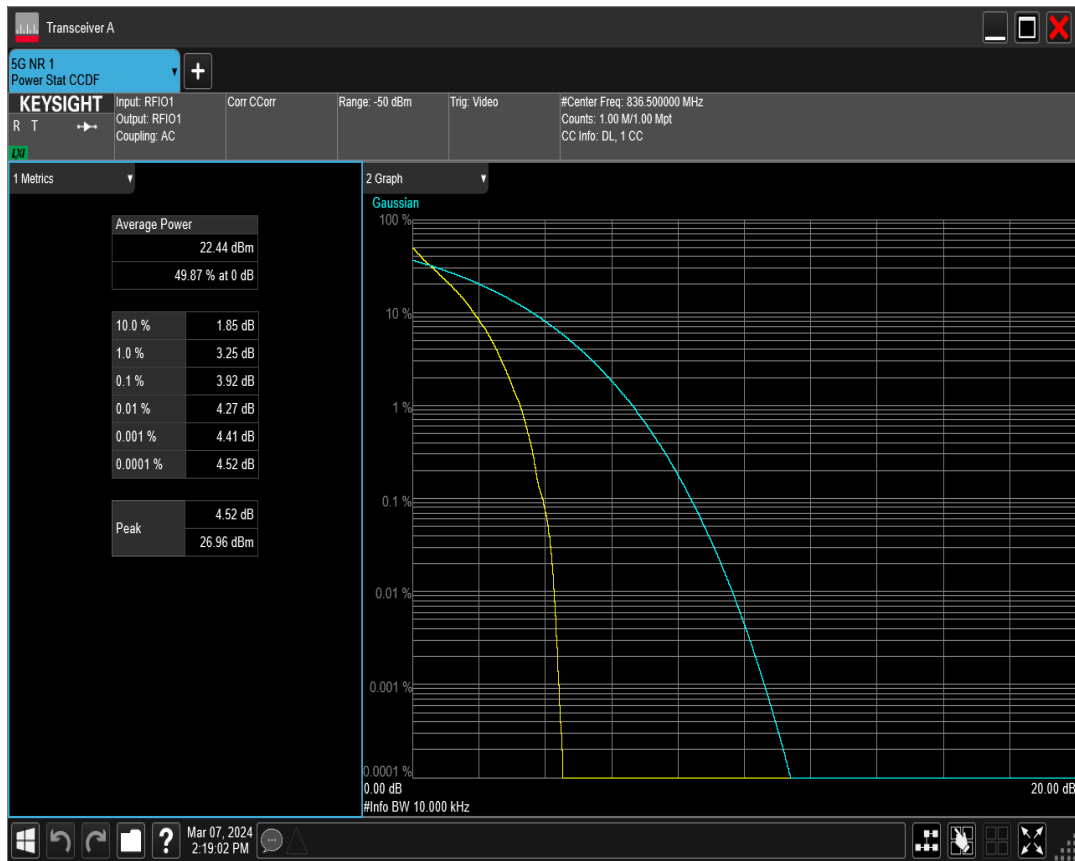
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n5	30	10	165800	24@0	DFT_BPSK	4.25	13	PASS
n5	30	10	165800	24@0	DFT_QPSK	5.44	13	PASS
n5	30	10	165800	24@0	DFT_QAM16	6.30	13	PASS
n5	30	10	165800	24@0	DFT_QAM64	6.49	13	PASS
n5	30	10	165800	24@0	DFT_QAM256	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

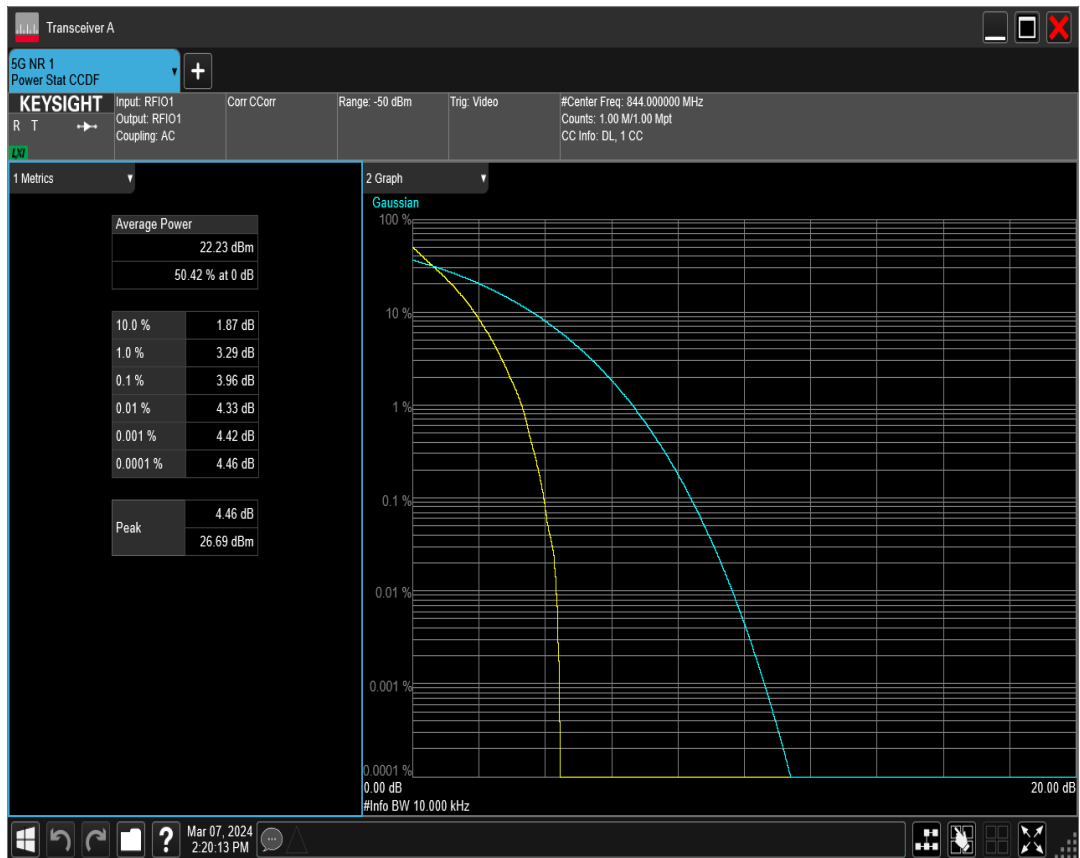
n5 SCS=30kHz DFT_BPSK BW=10MHz Channel=165800 RB=24@0



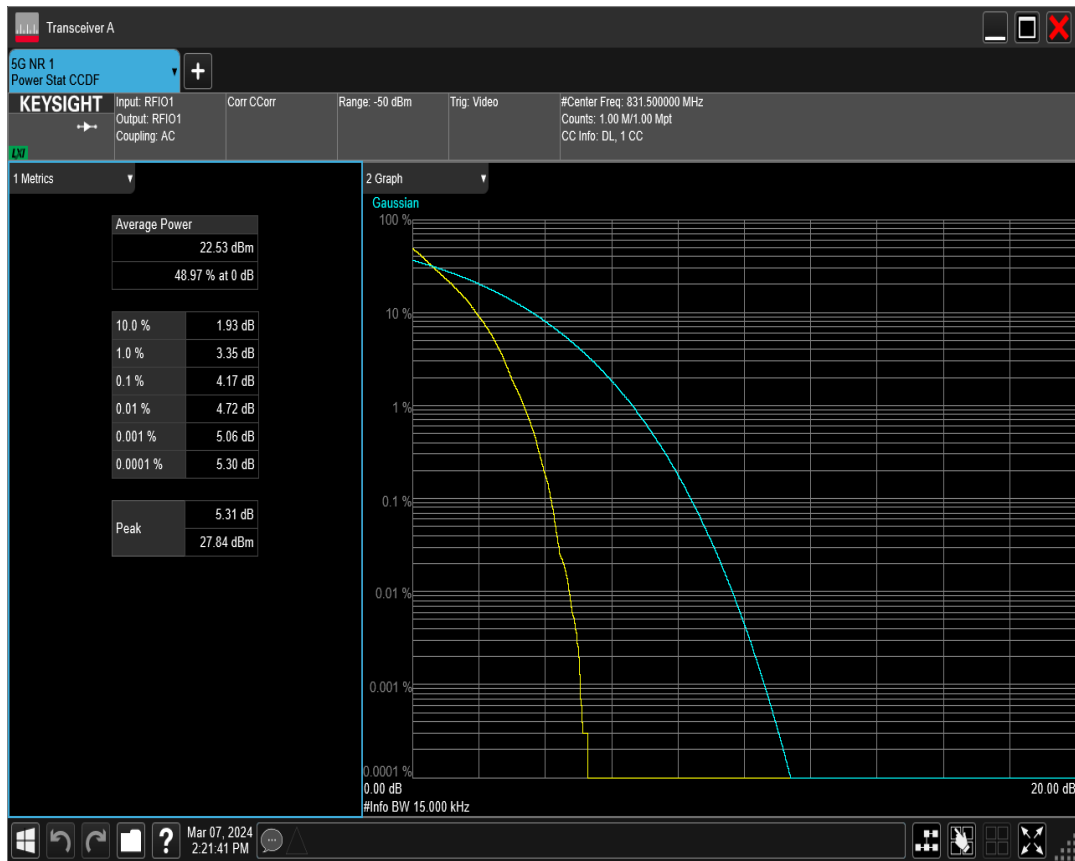
n5 SCS=30kHz DFT_BPSK BW=10MHz Channel=167300 RB=24@0



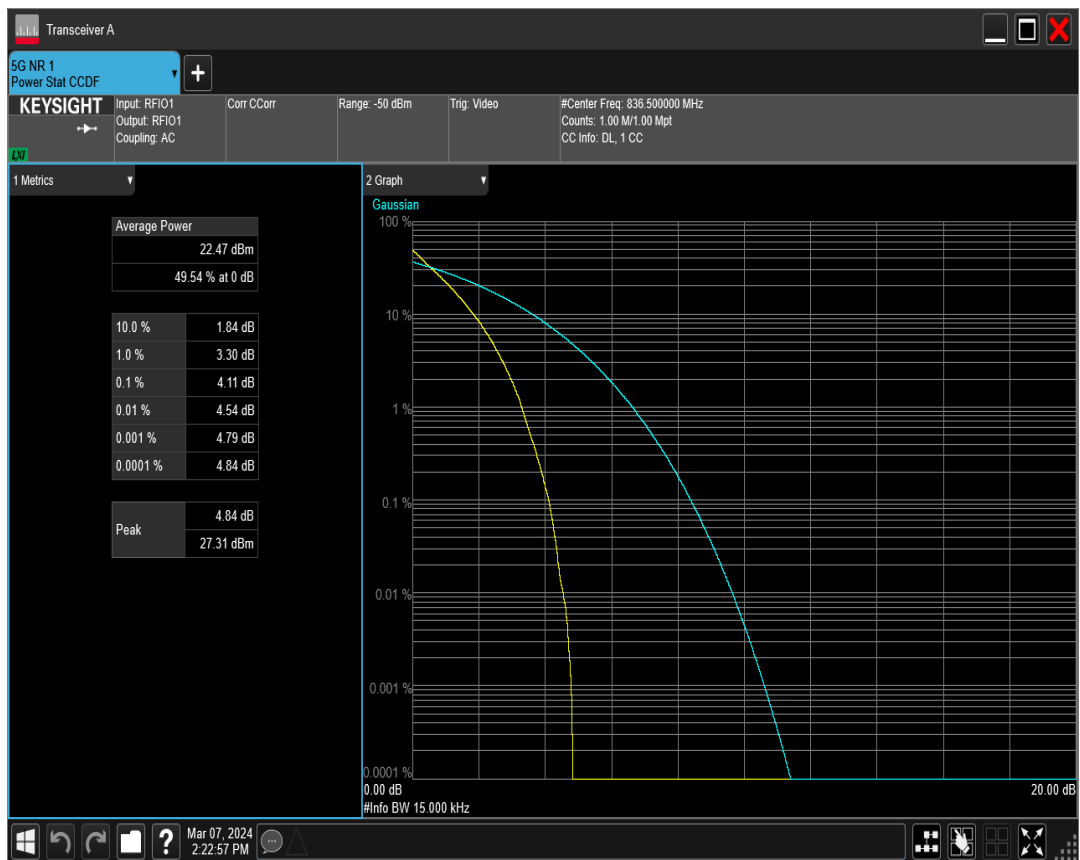
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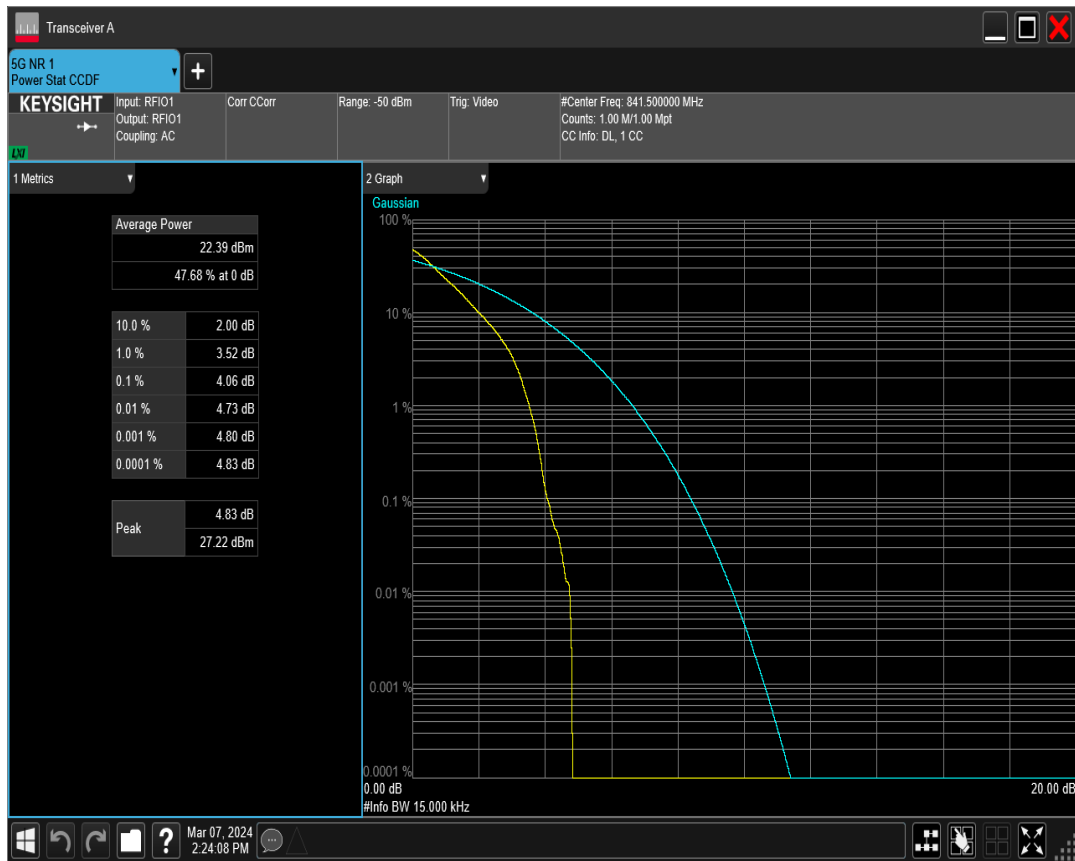
n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=166300 RB=36@0



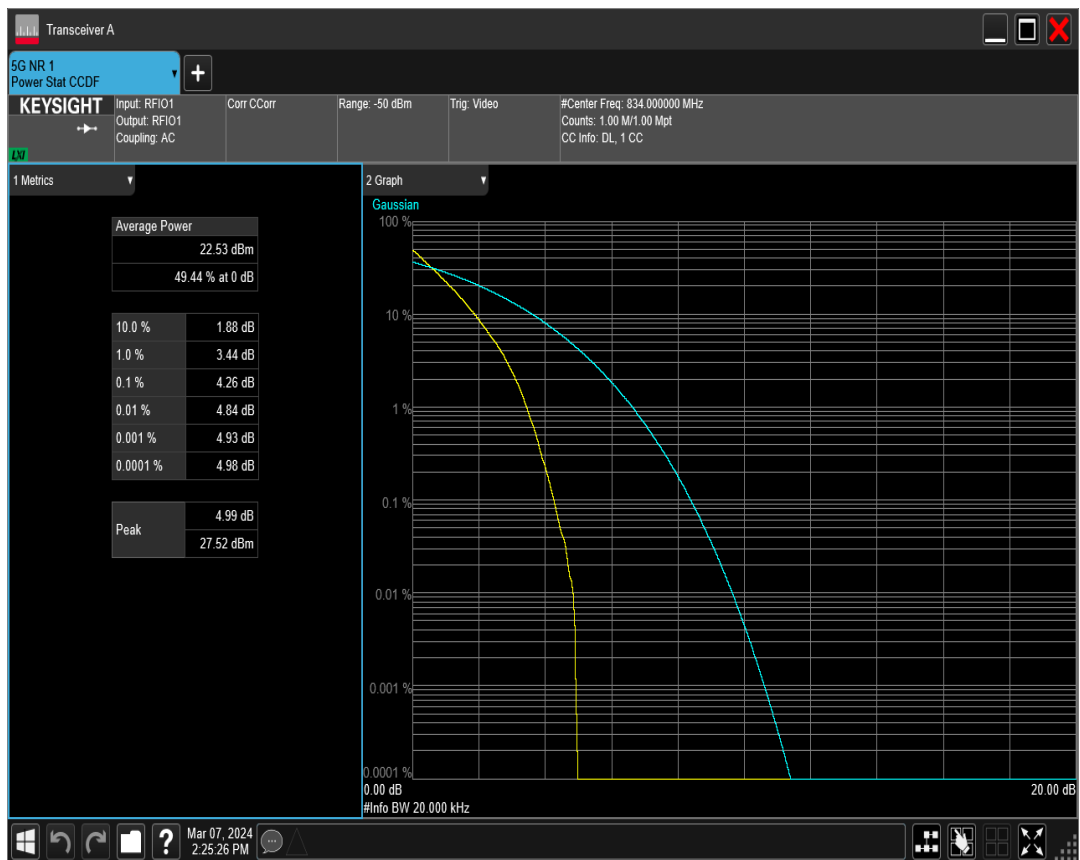
n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=167300 RB=36@0



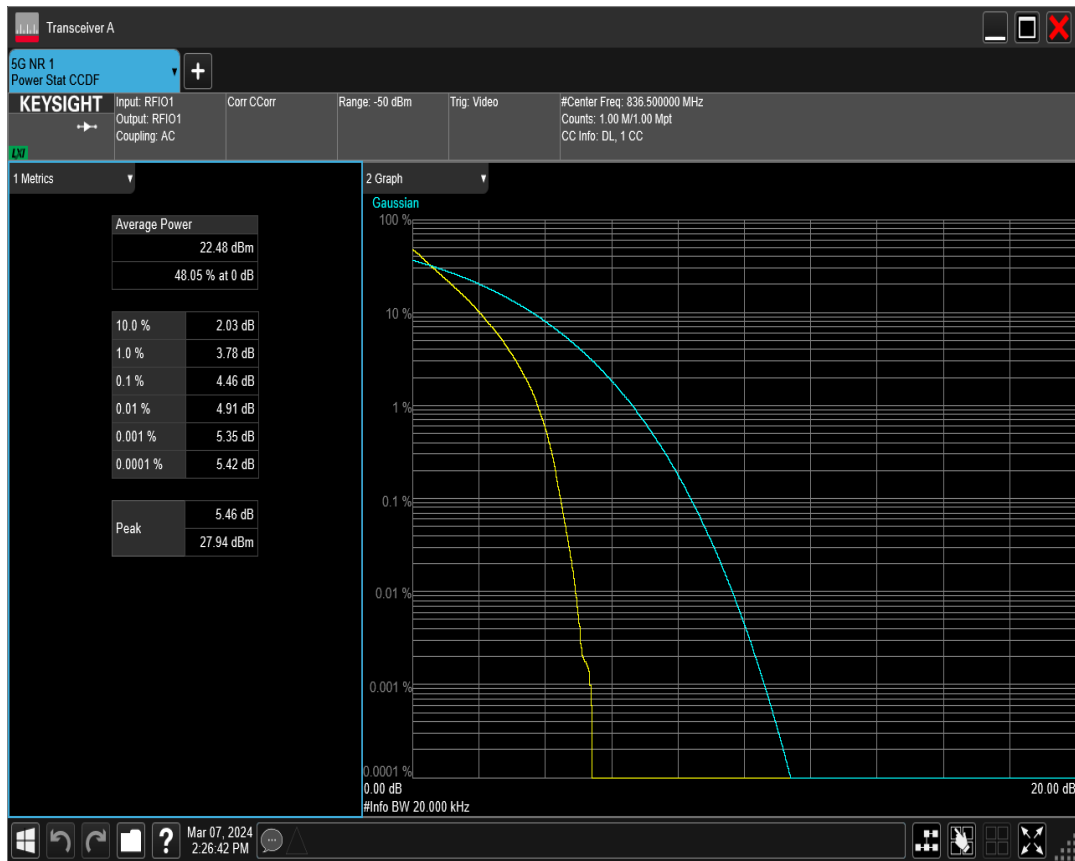
n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=168300 RB=36@0



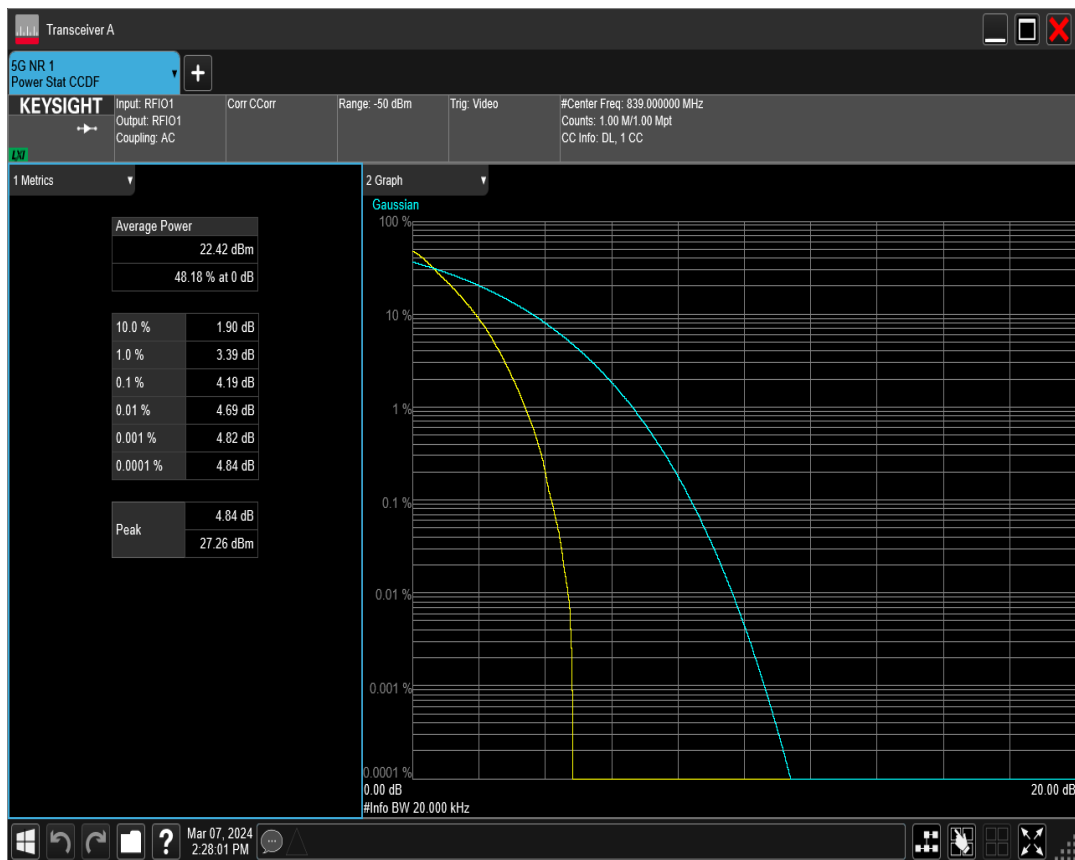
n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=166800 RB=50@0



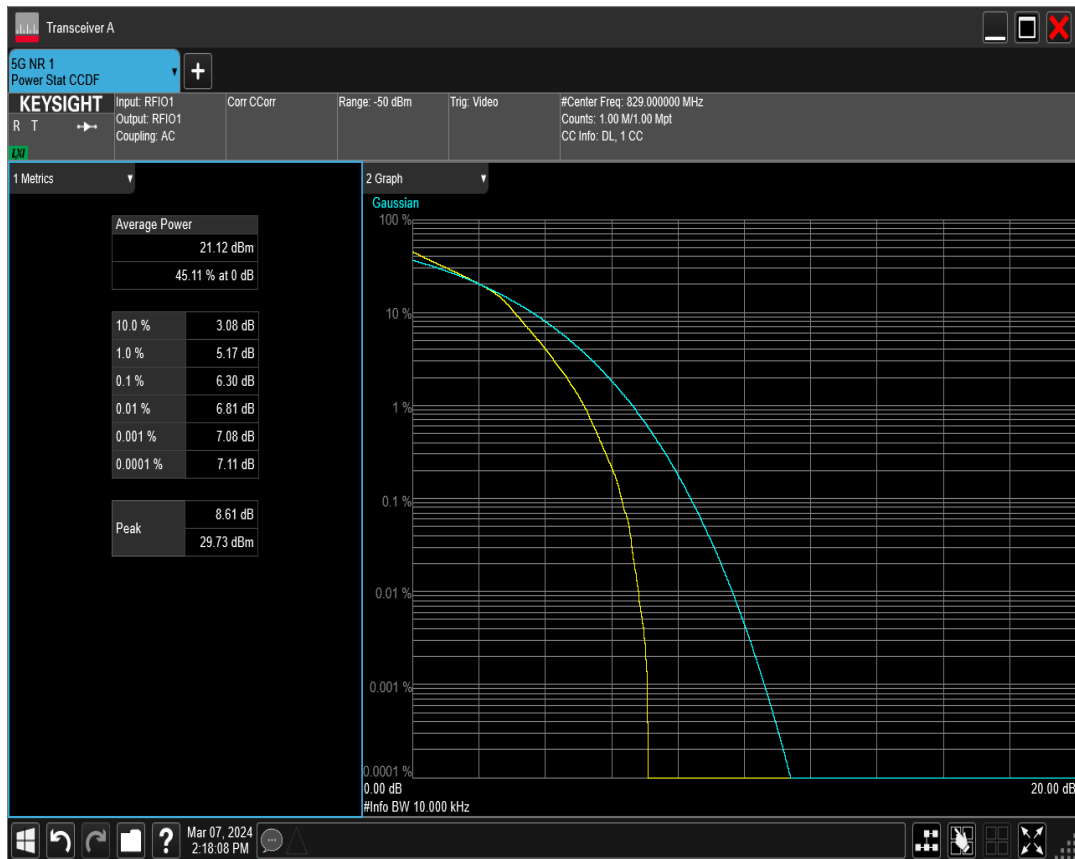
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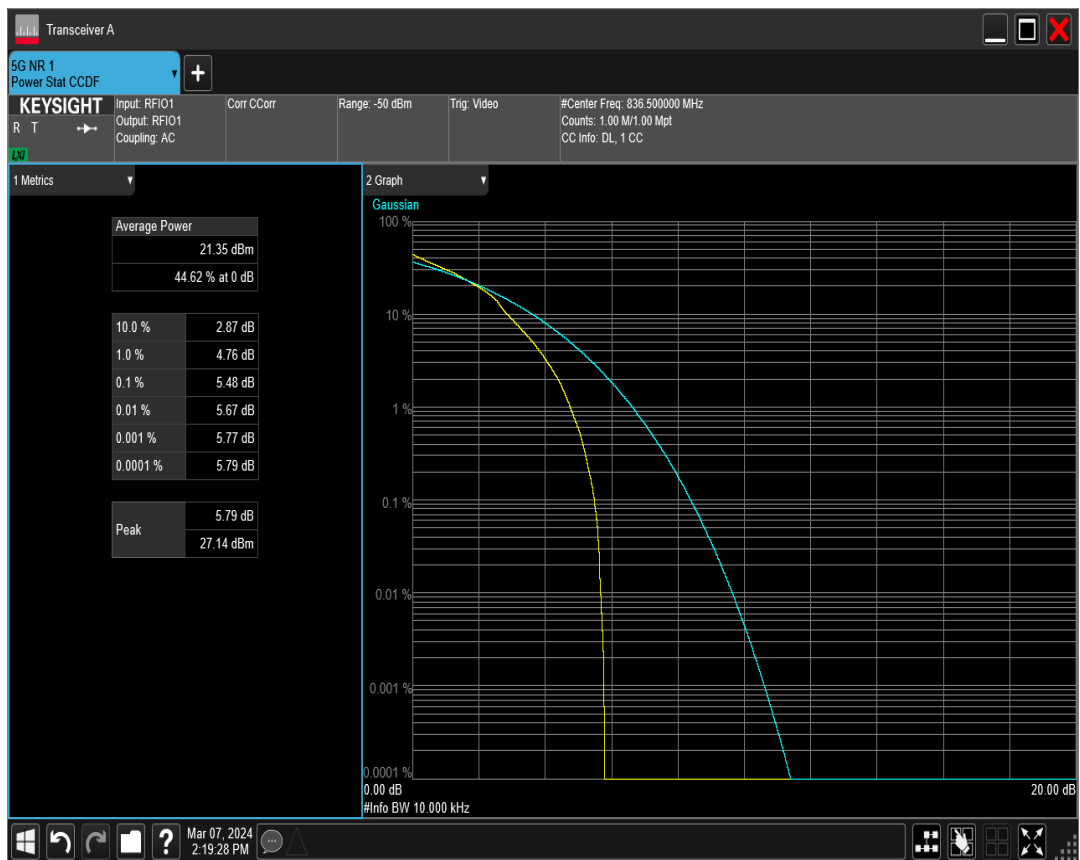
n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=167800 RB=50@0



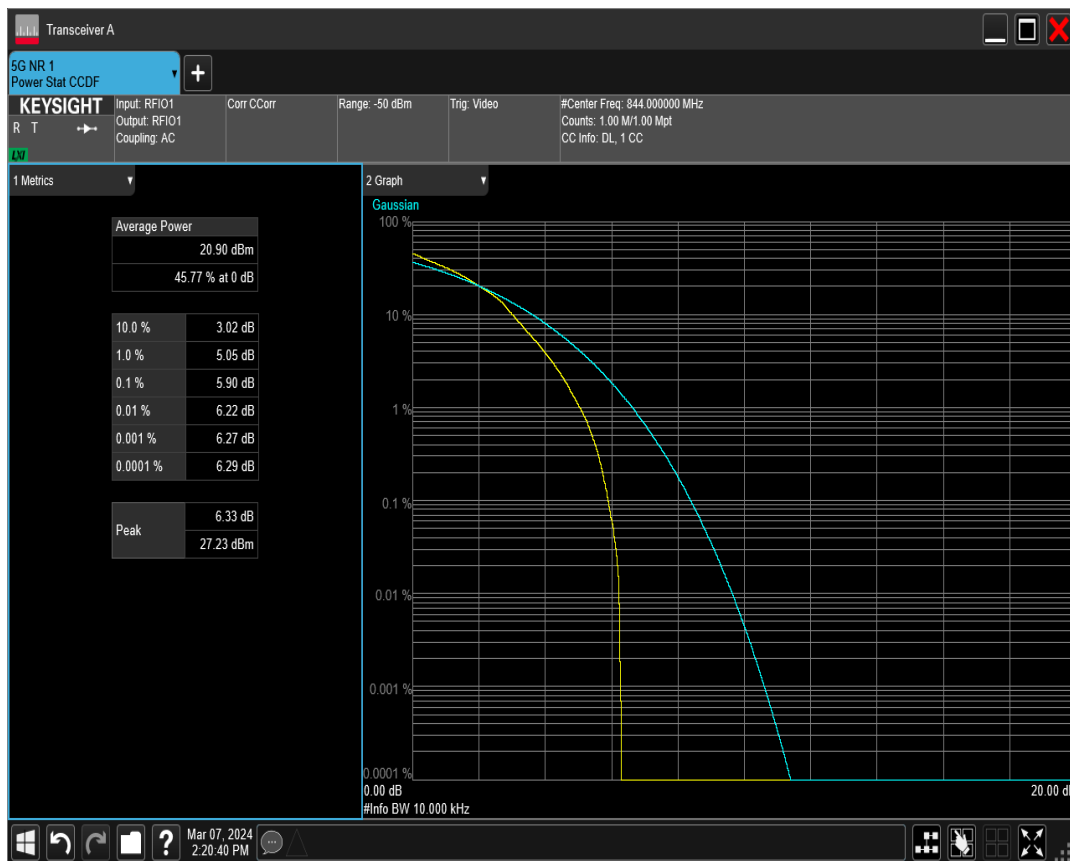
n5 SCS=30kHz DFT_QAM16 BW=10MHz Channel=165800 RB=24@0



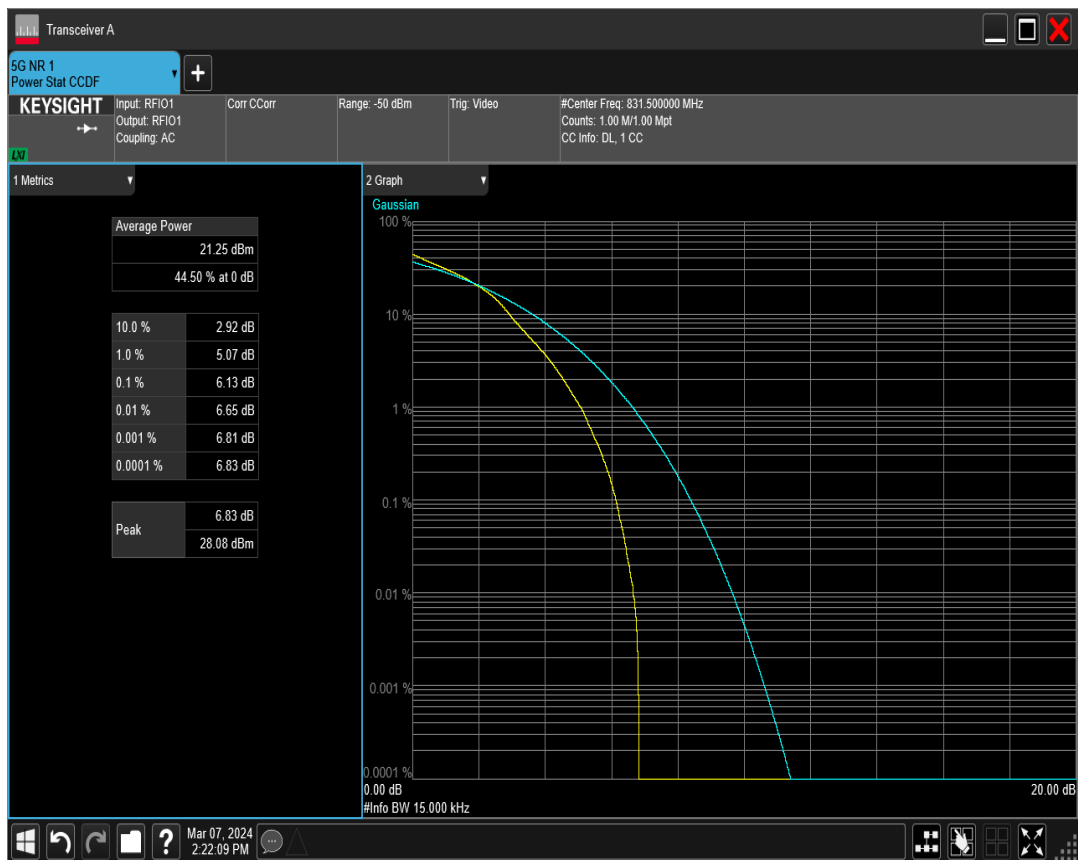
n5 SCS=30kHz DFT_QAM16 BW=10MHz Channel=167300 RB=24@0



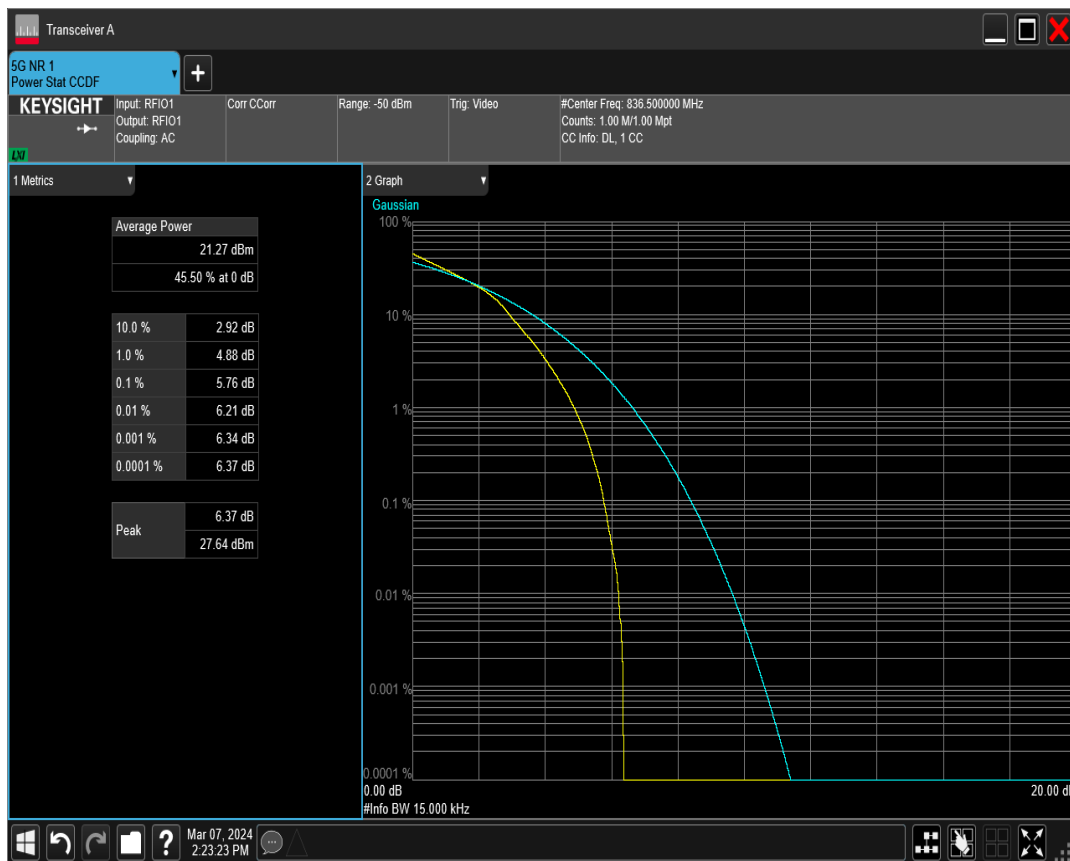
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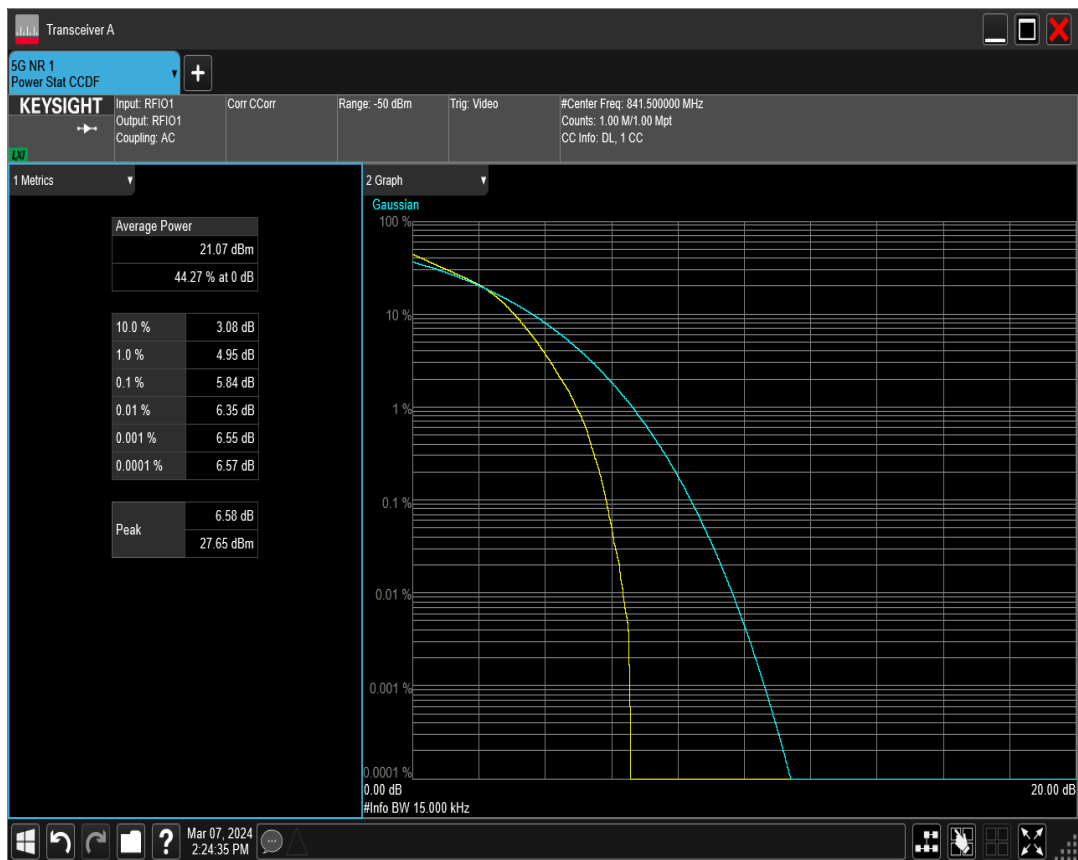
n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=166300 RB=36@0



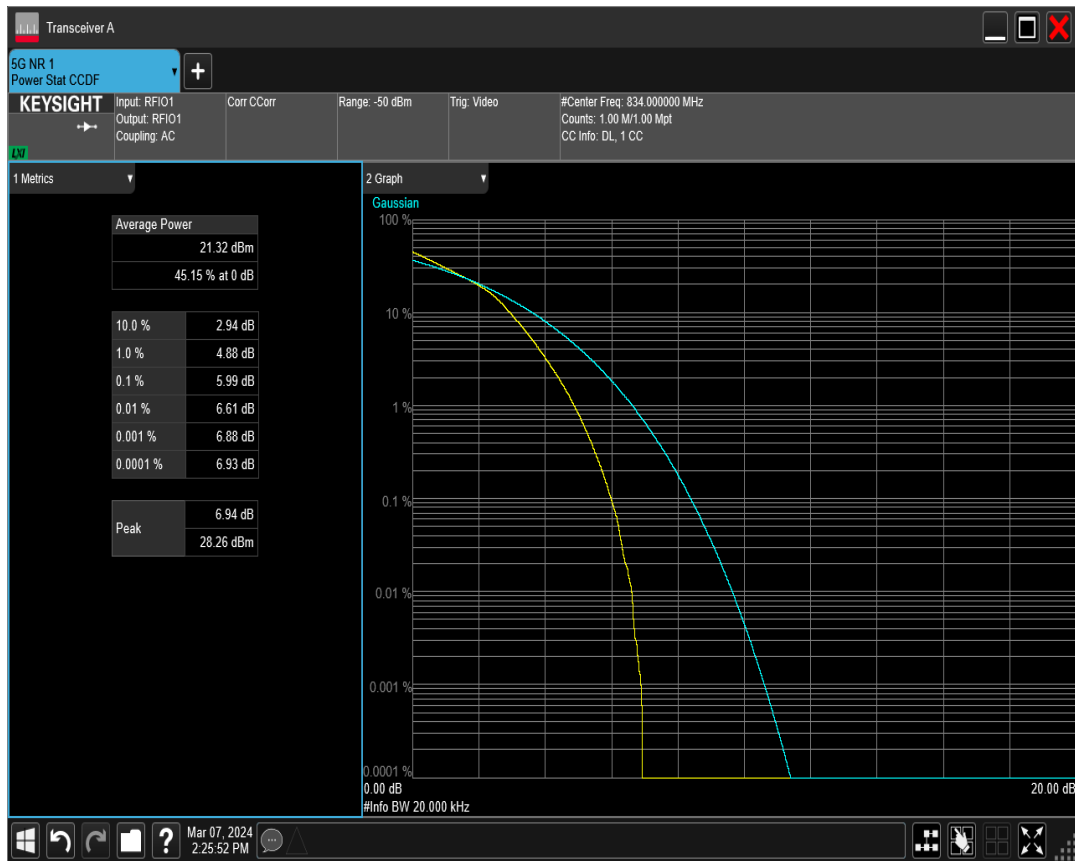
n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=167300 RB=36@0



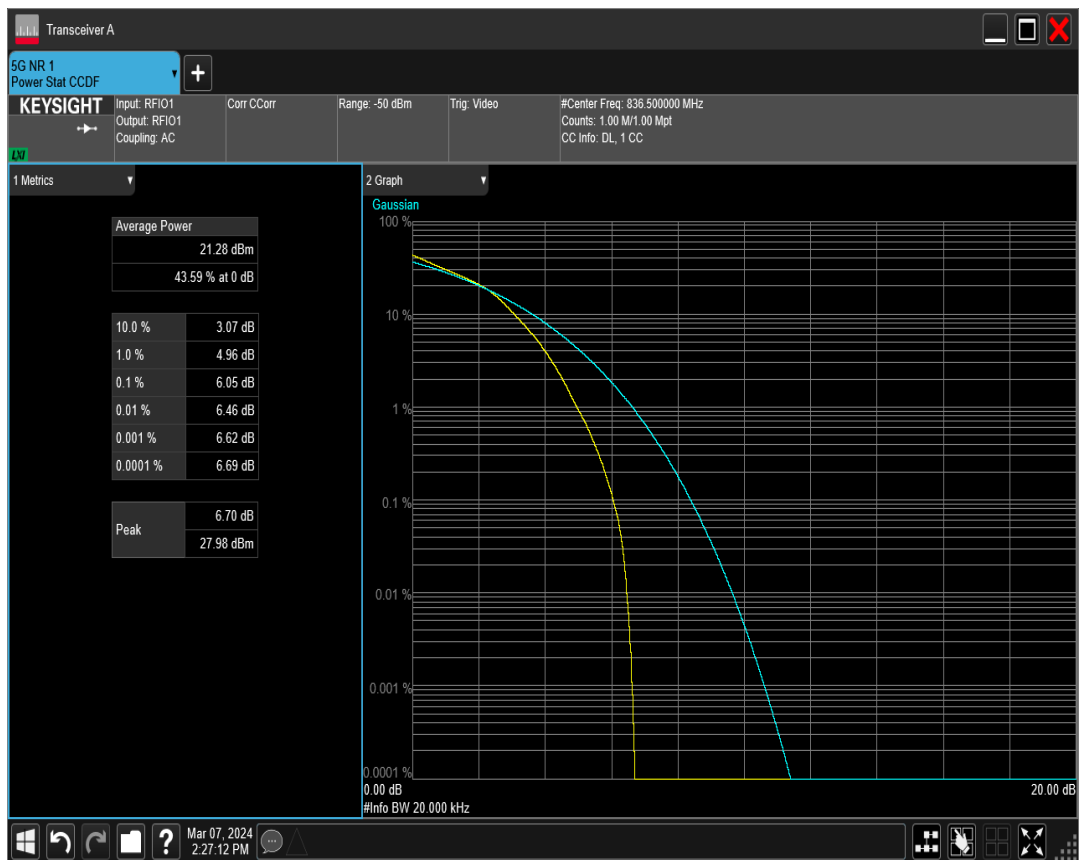
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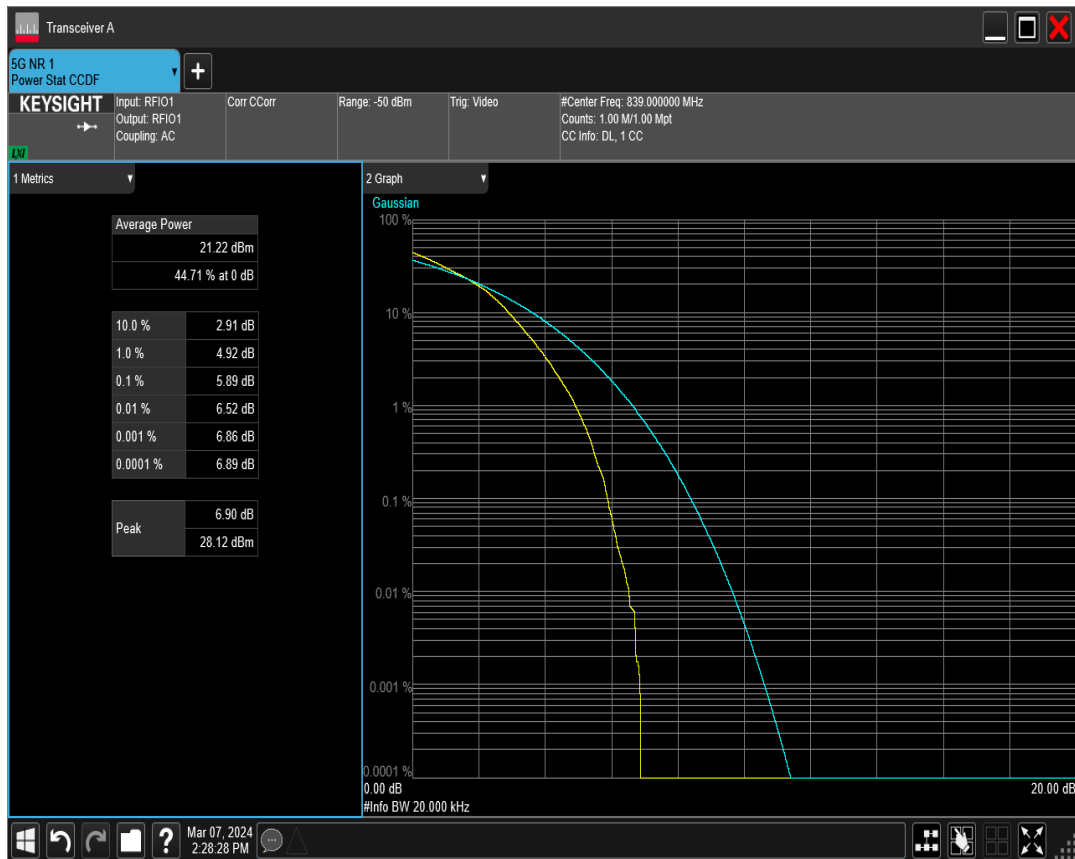
n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=166800 RB=50@0



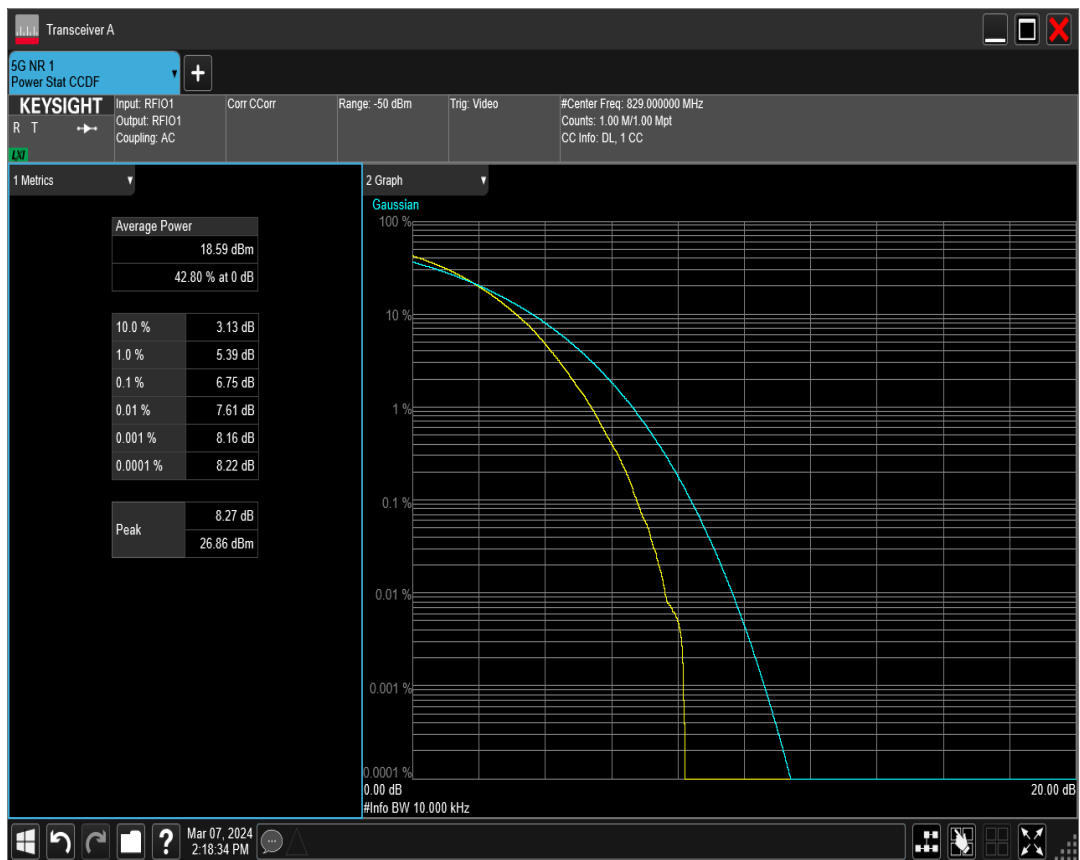
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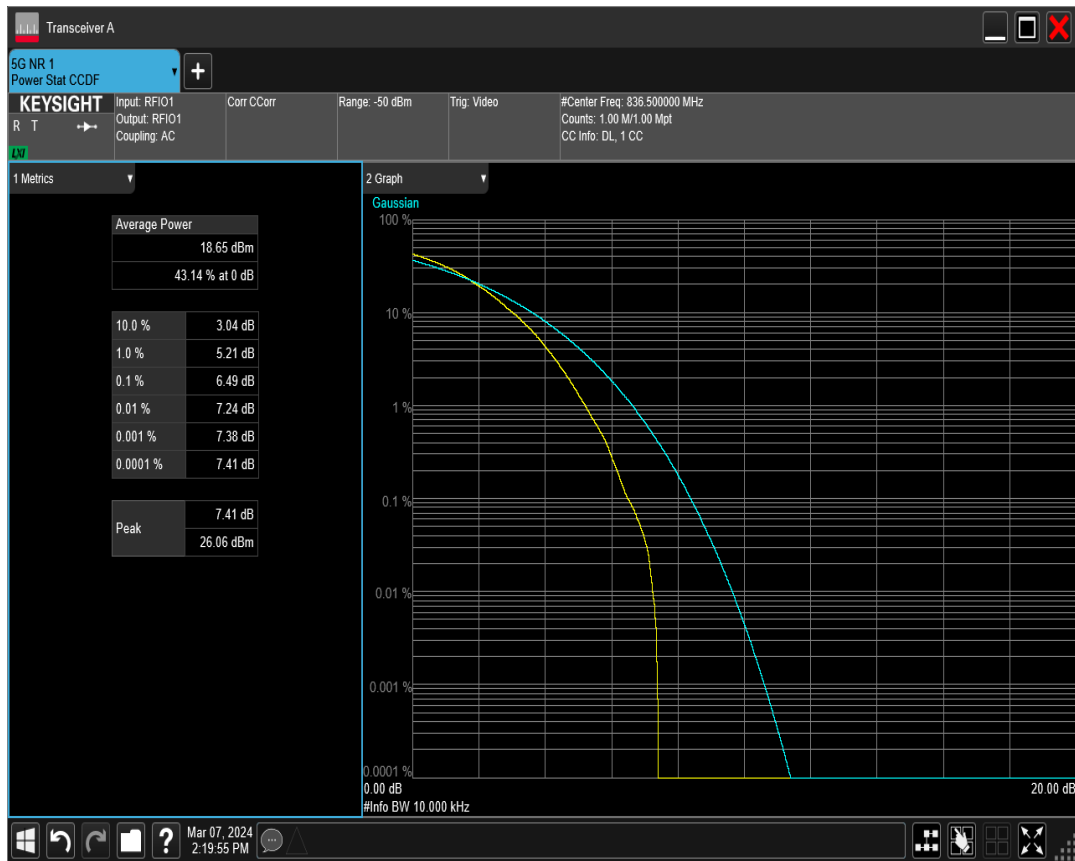
n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=167800 RB=50@0



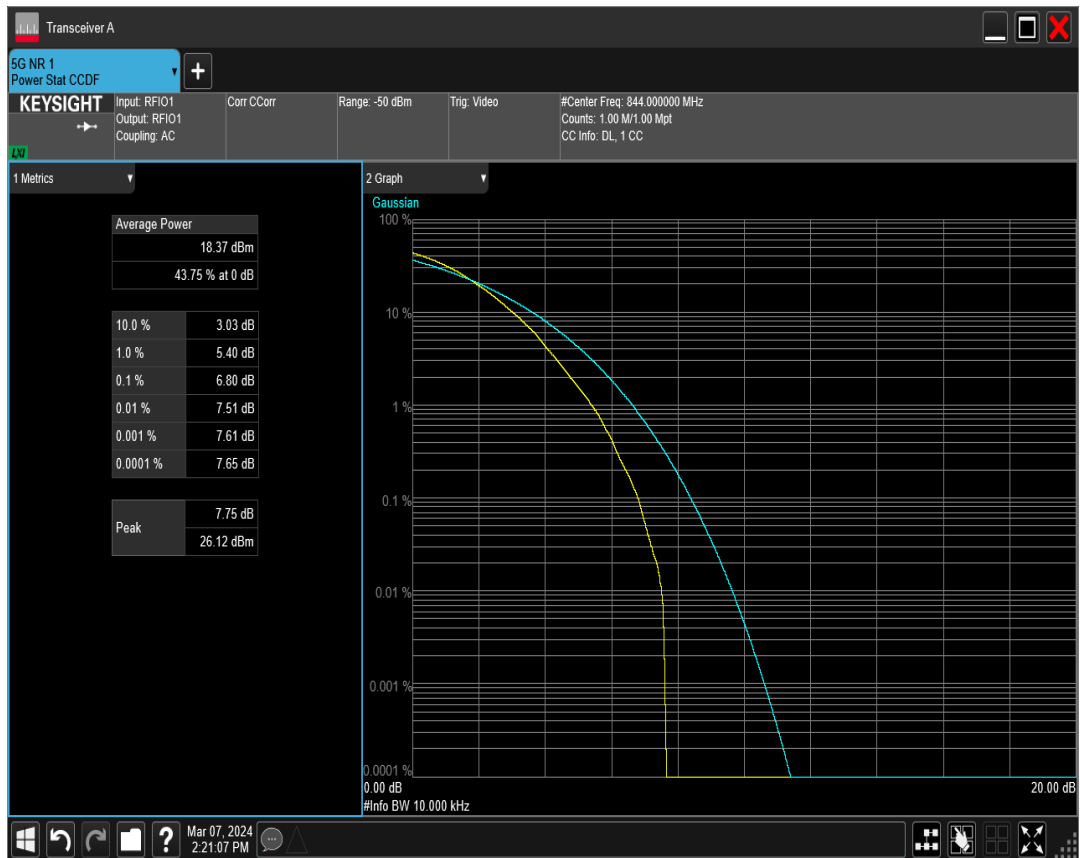
n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=165800 RB=24@0



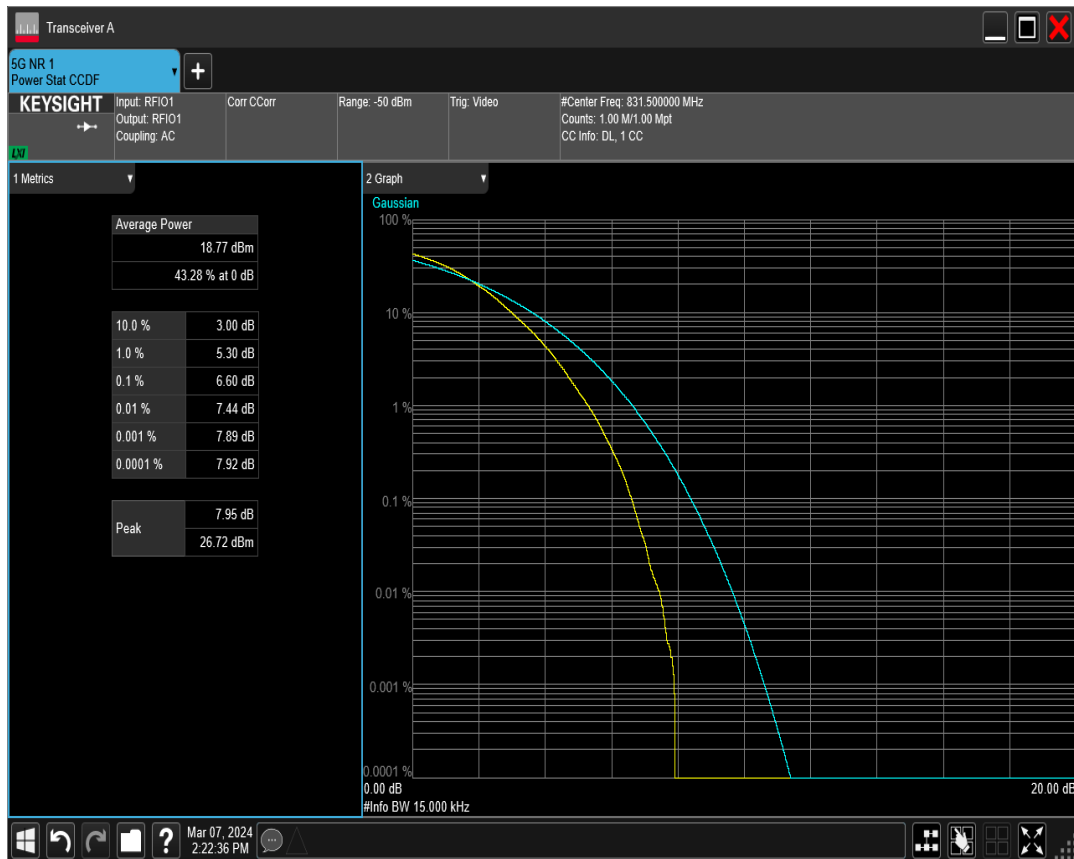
n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=167300 RB=24@0



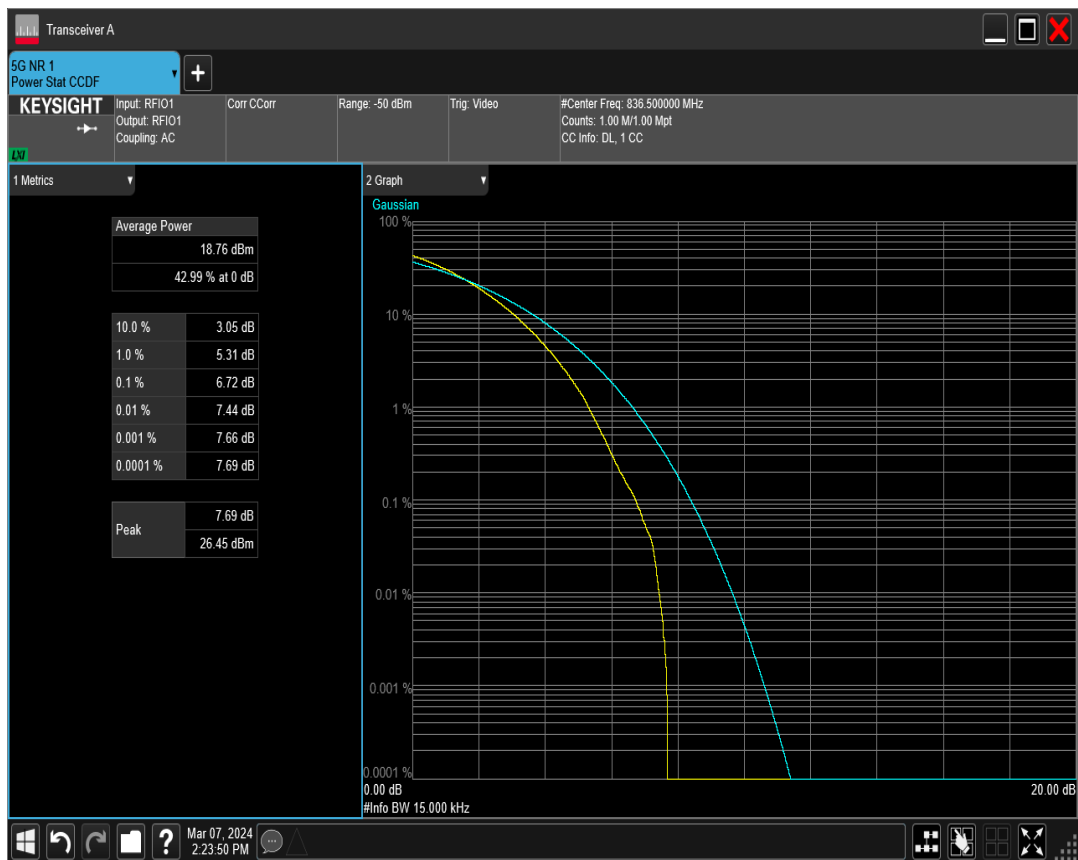
n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=168800 RB=24@0



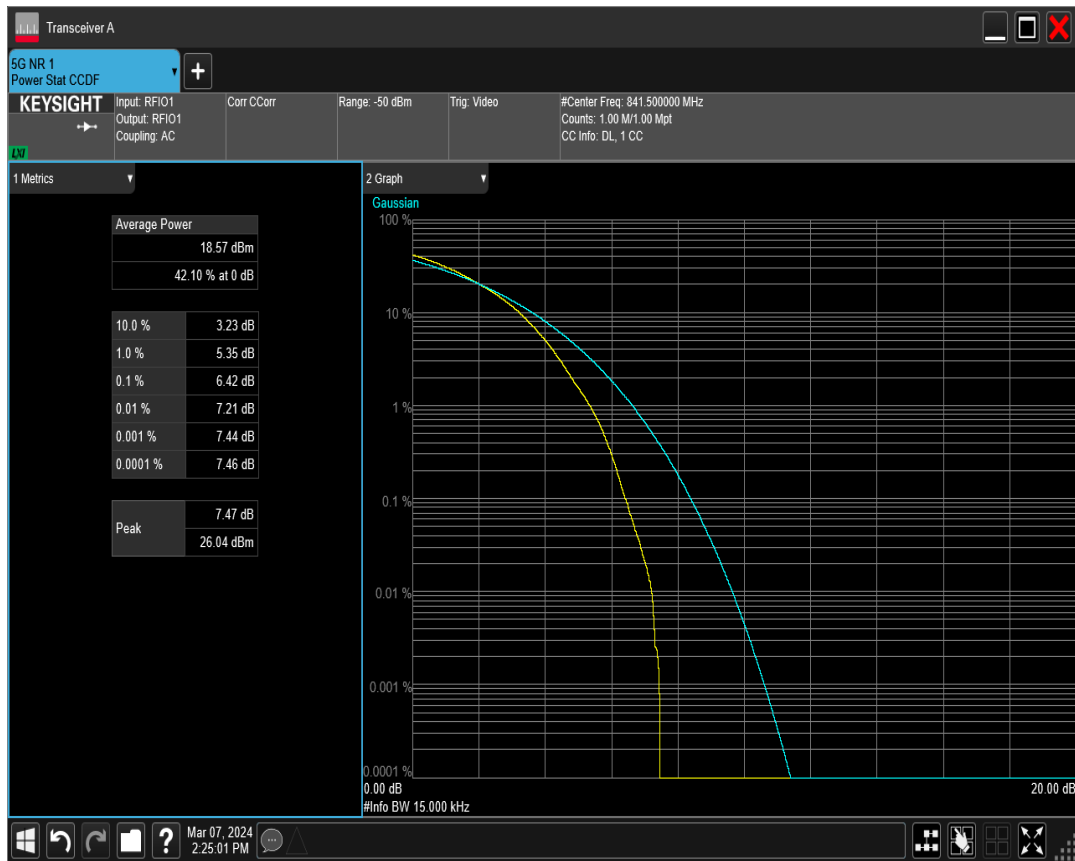
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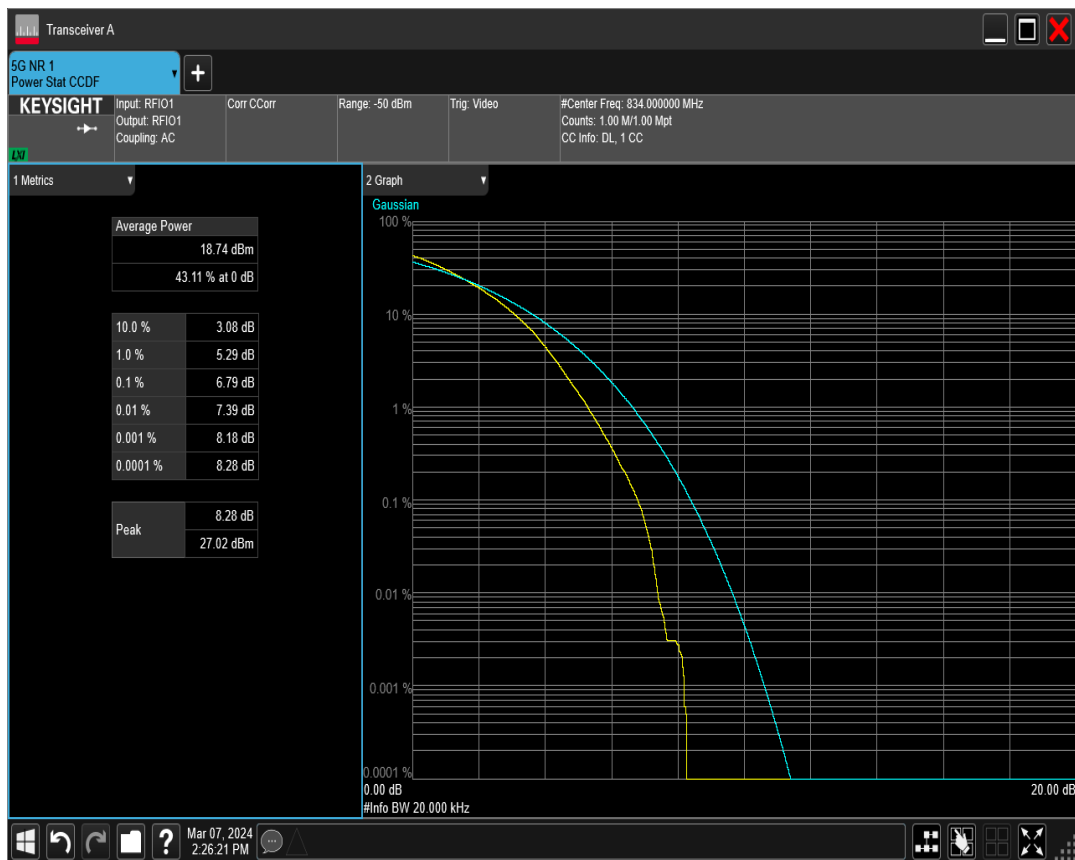
n5 SCS=30kHz DFT_QAM256 BW=15MHz Channel=167300 RB=36@0



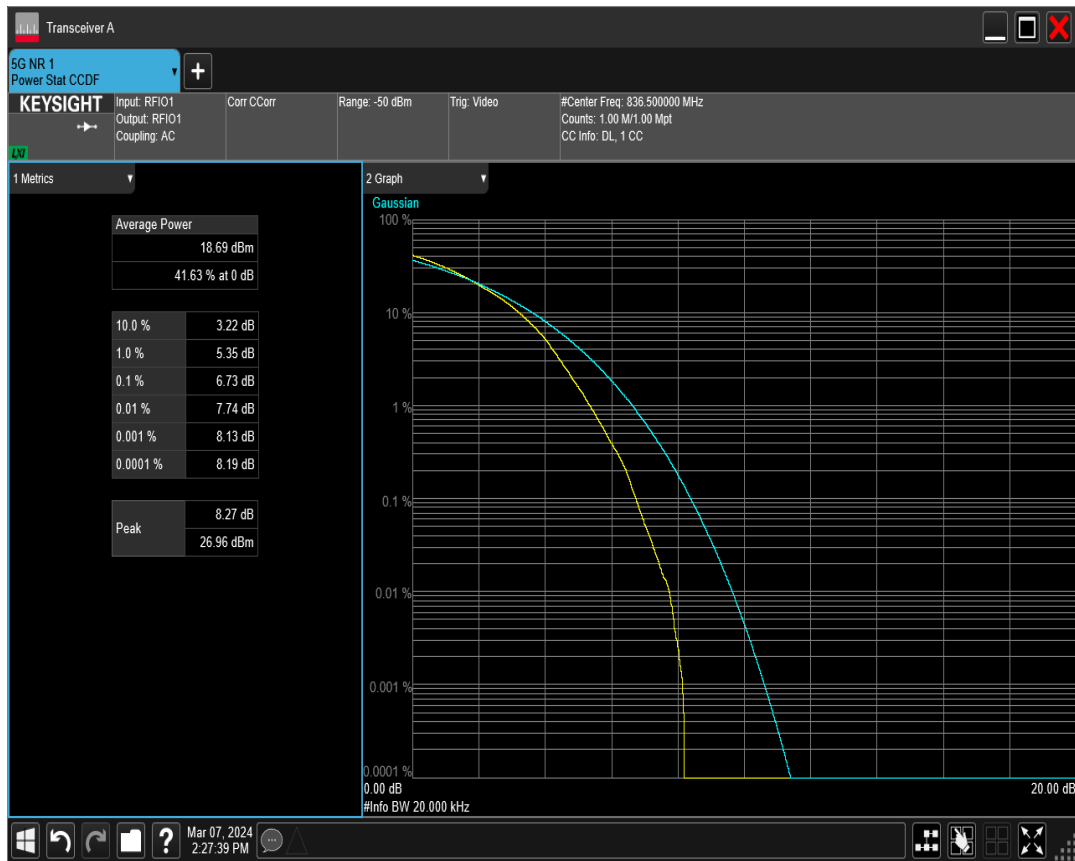
n5 SCS=30kHz DFT_QAM256 BW=15MHz Channel=168300 RB=36@0



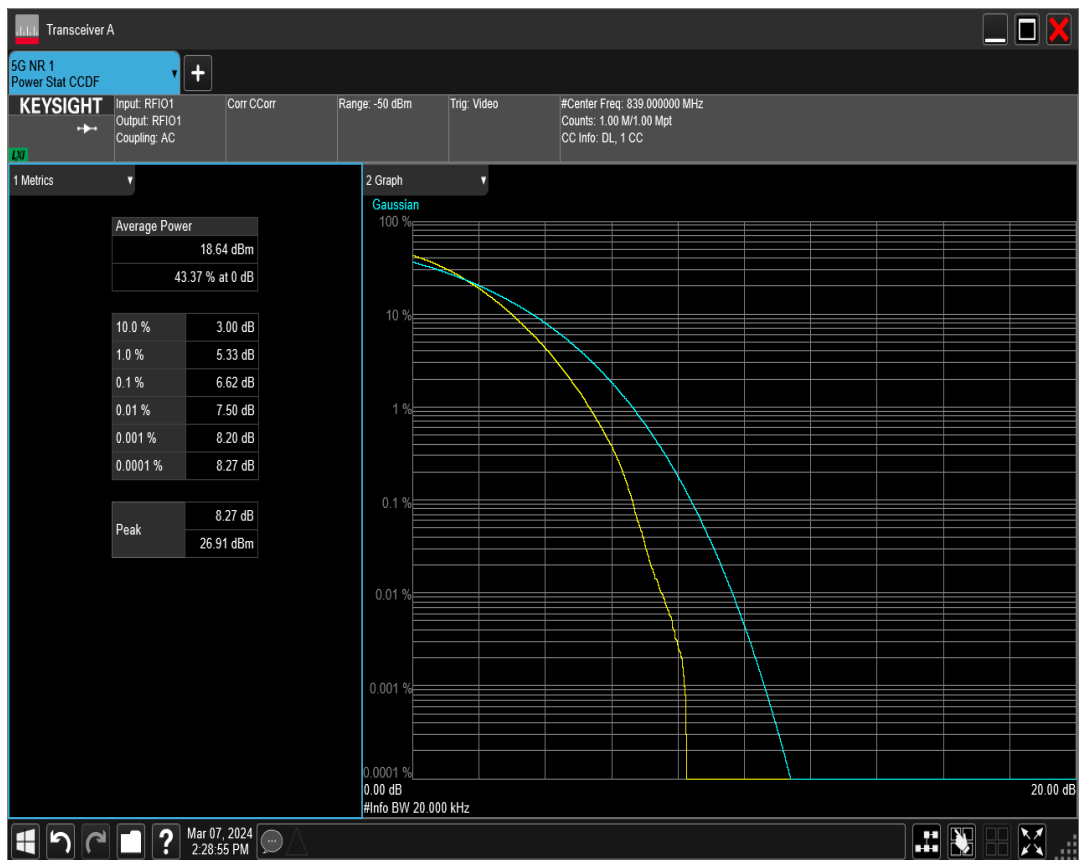
n5 SCS=30kHz DFT_QAM256 BW=20MHz Channel=166800 RB=50@0



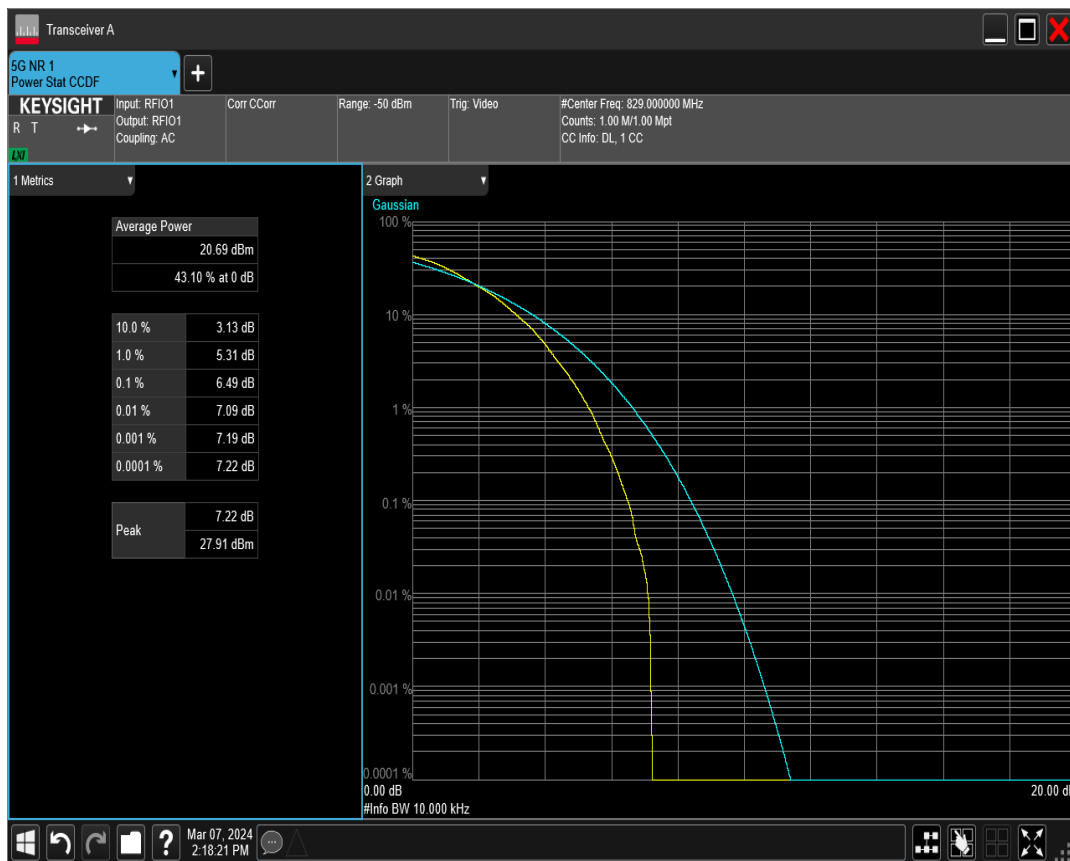
n5 SCS=30kHz DFT_QAM256 BW=20MHz Channel=167300 RB=50@0



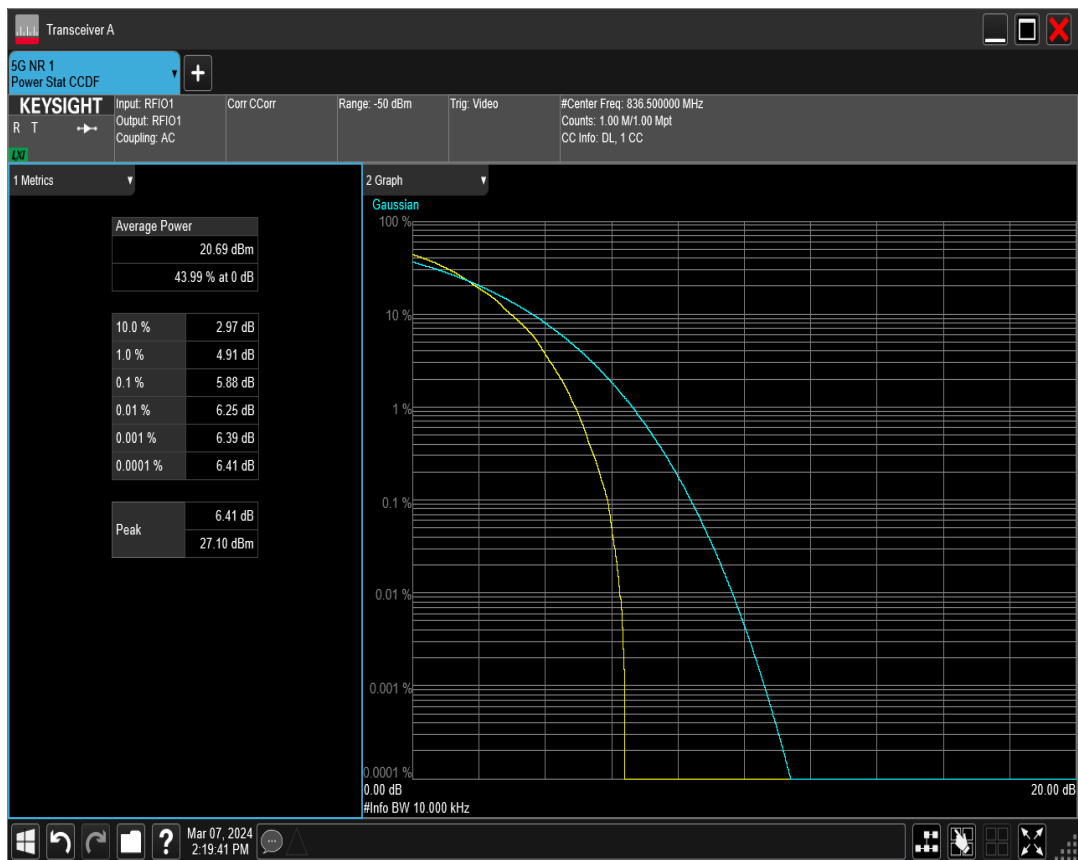
n5 SCS=30kHz DFT_QAM256 BW=20MHz Channel=167800 RB=50@0



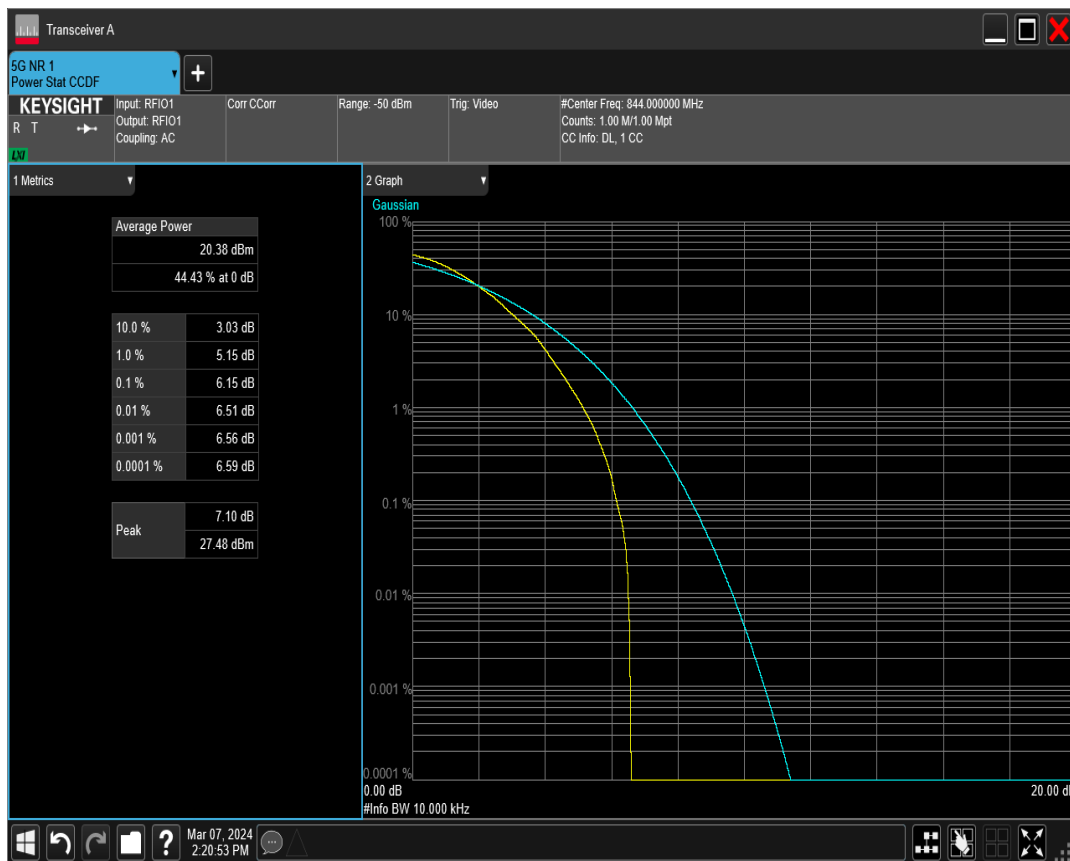
n5 SCS=30kHz DFT_QAM64 BW=10MHz Channel=165800 RB=24@0



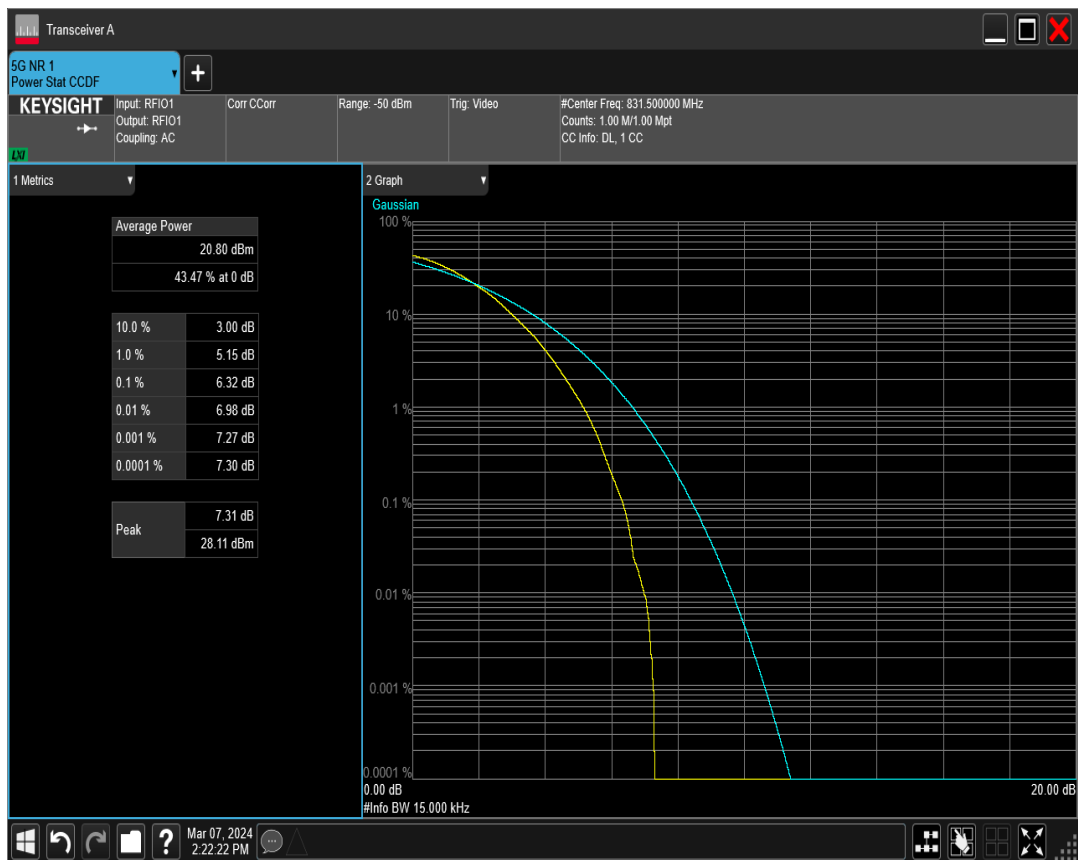
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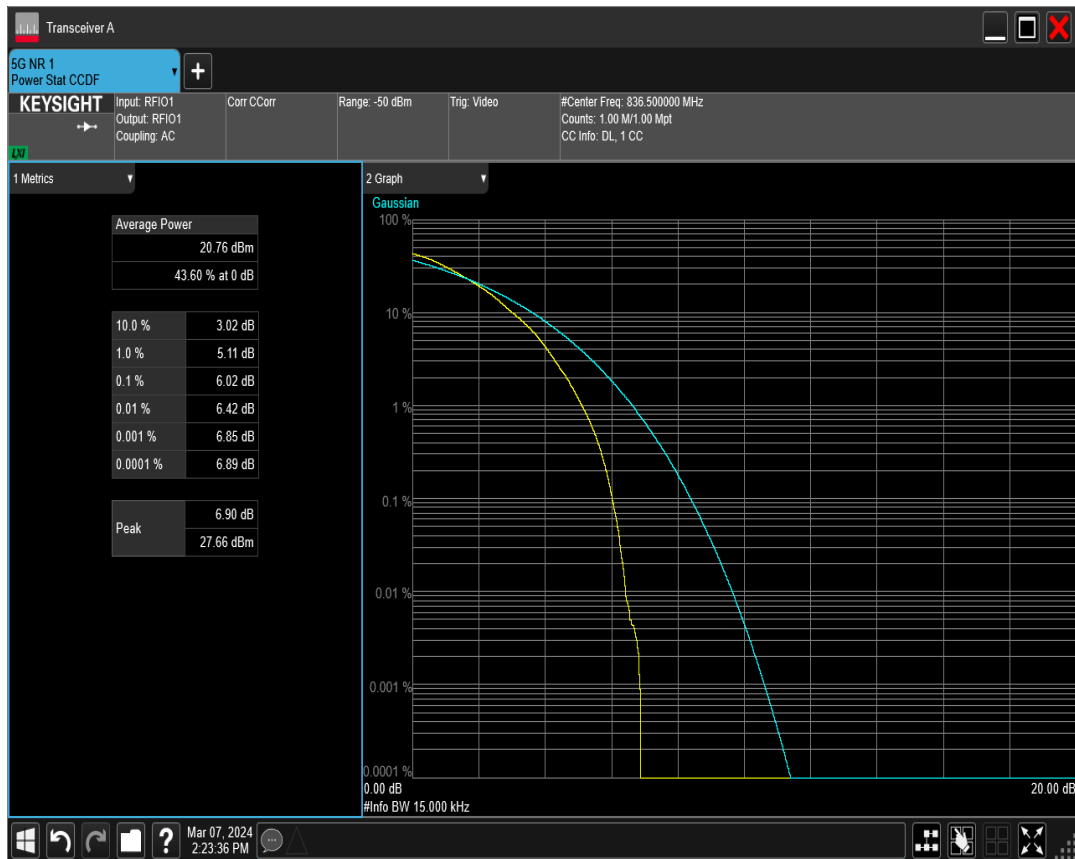
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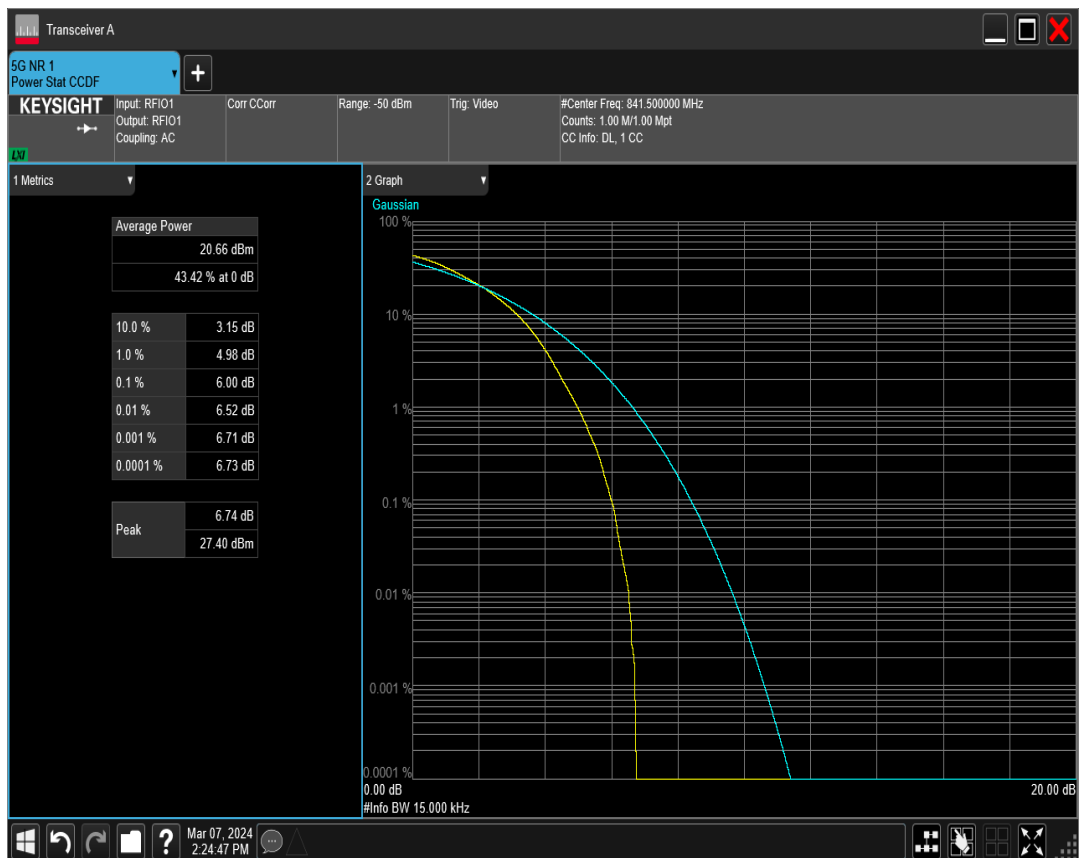
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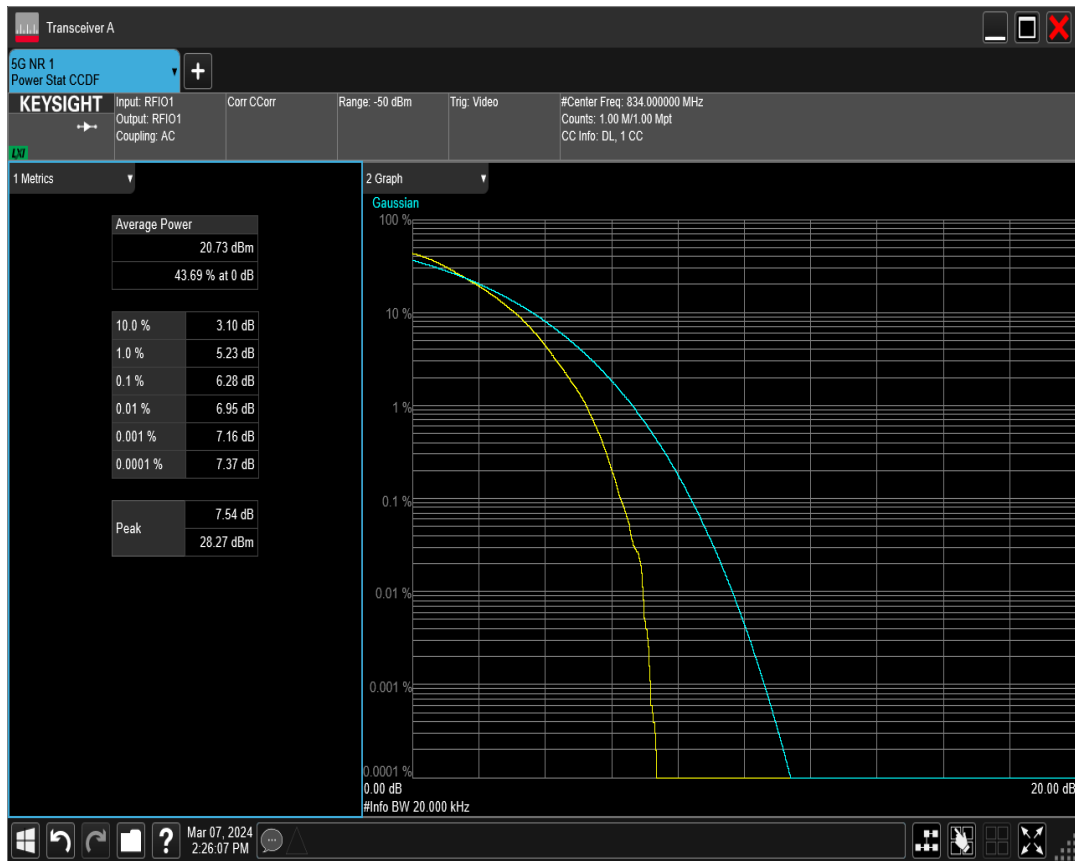
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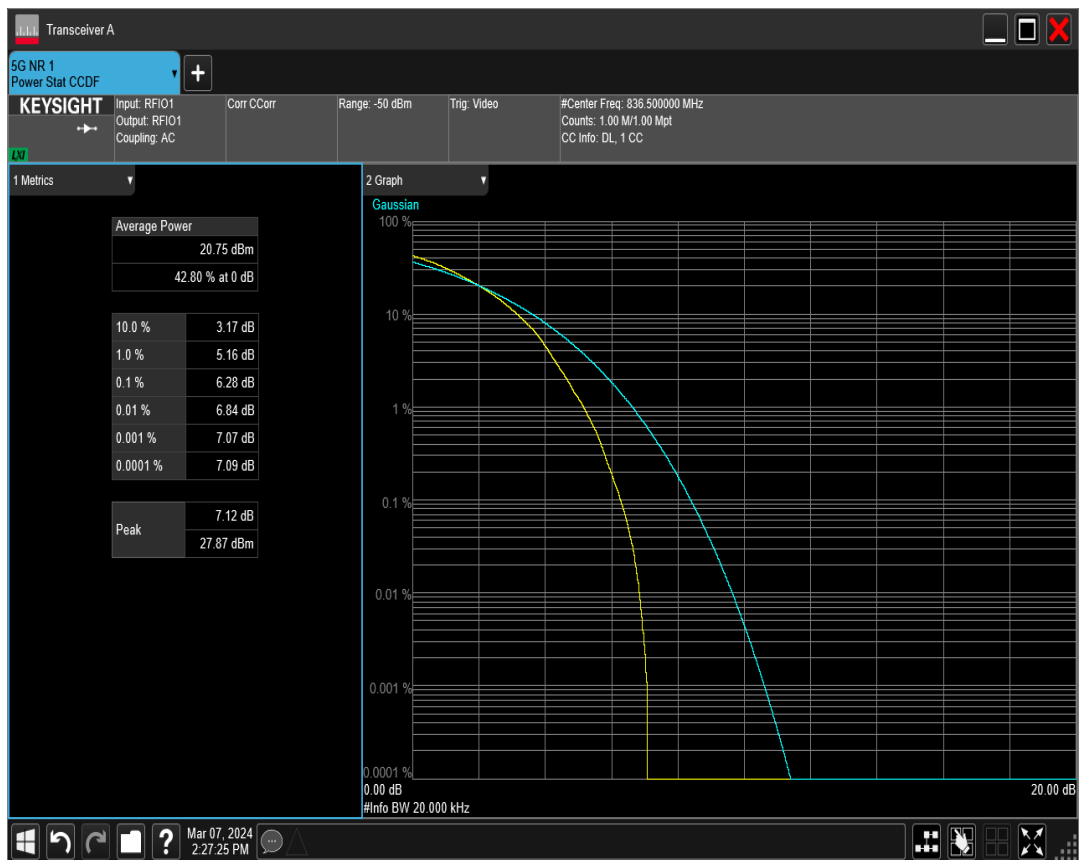
n5 SCS=30kHz DFT_QAM64 BW=15MHz Channel=168300 RB=36@0



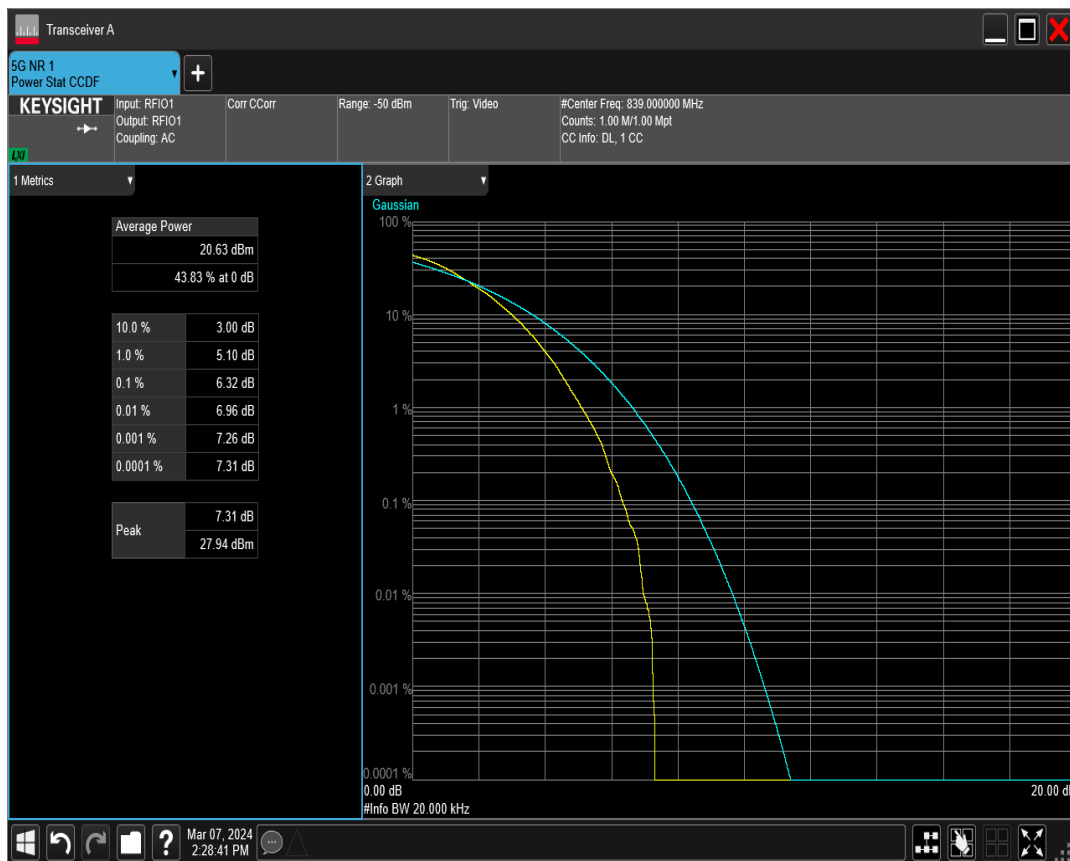
n5 SCS=30kHz DFT_QAM64 BW=20MHz Channel=166800 RB=50@0



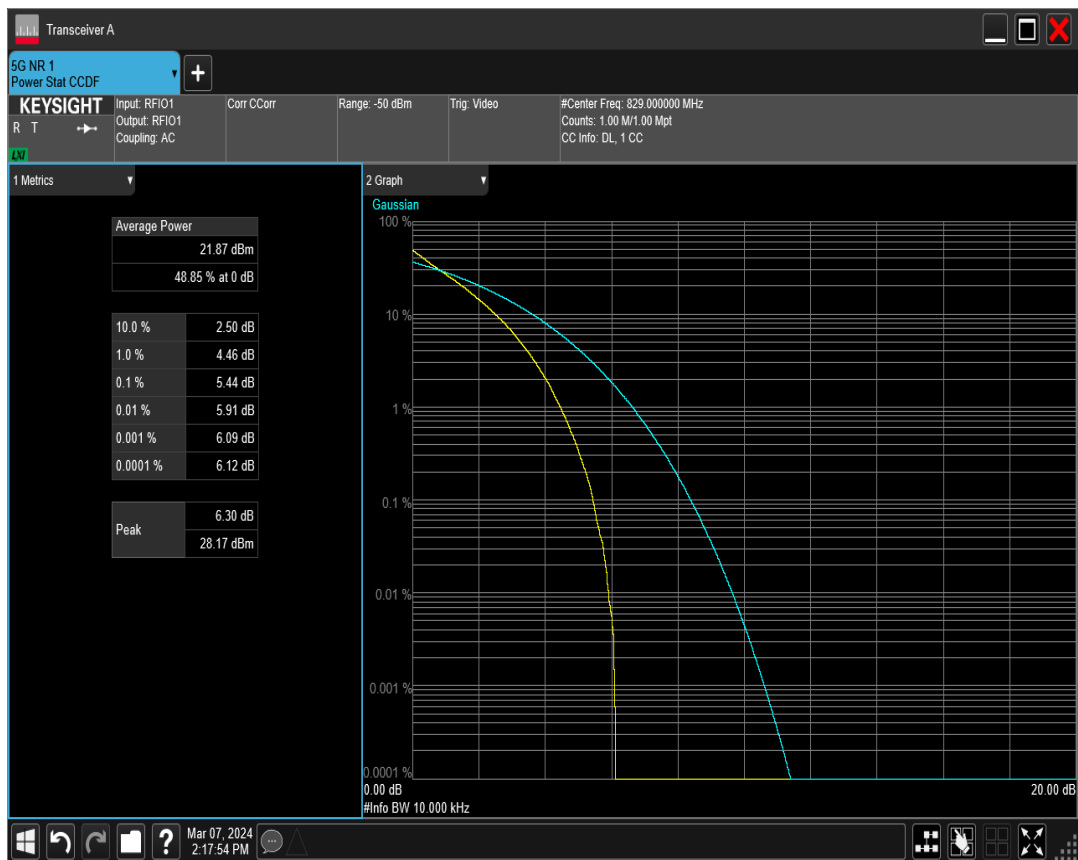
n5 SCS=30kHz DFT_QAM64 BW=20MHz Channel=167300 RB=50@0



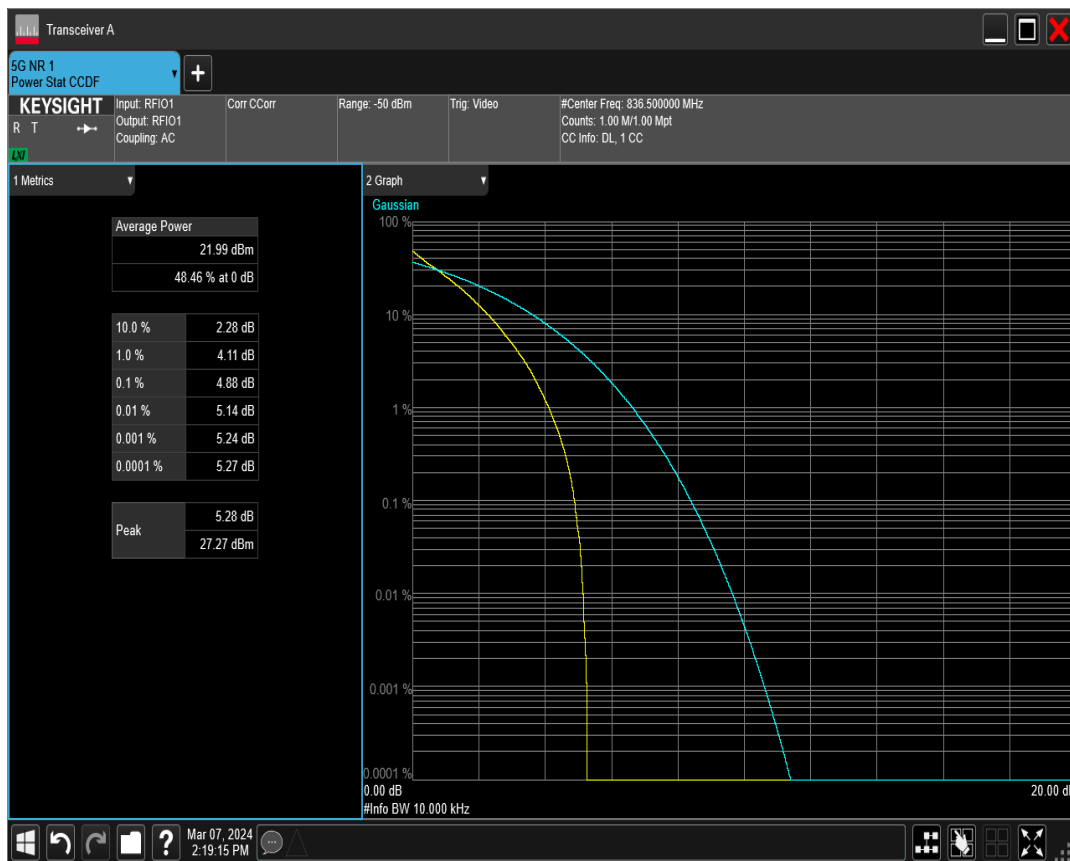
n5 SCS=30kHz DFT_QAM64 BW=20MHz Channel=167800 RB=50@0



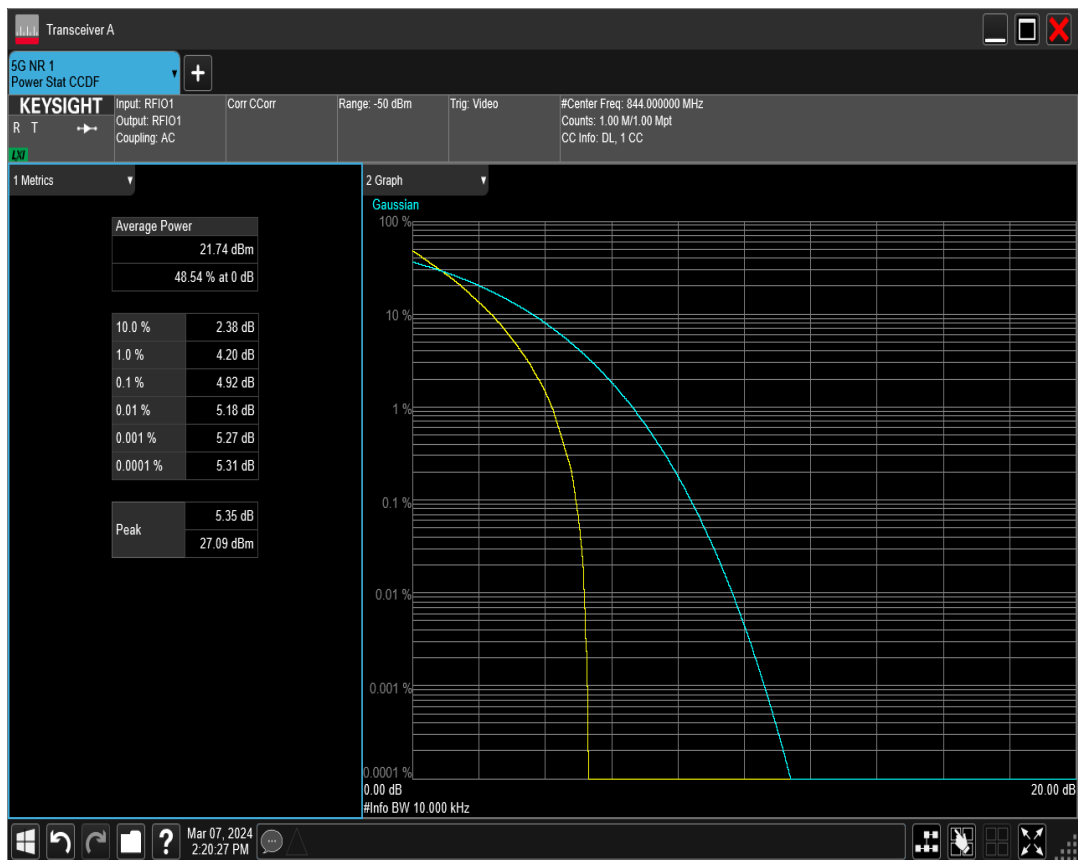
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=24@0



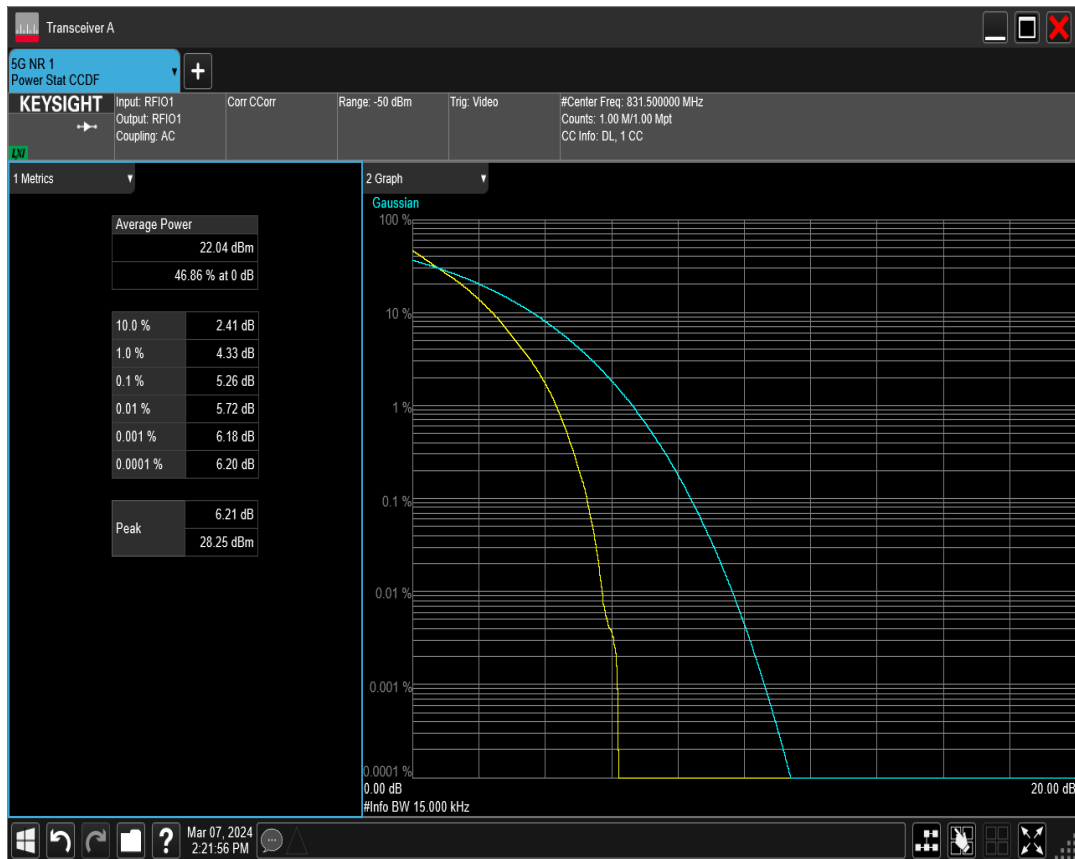
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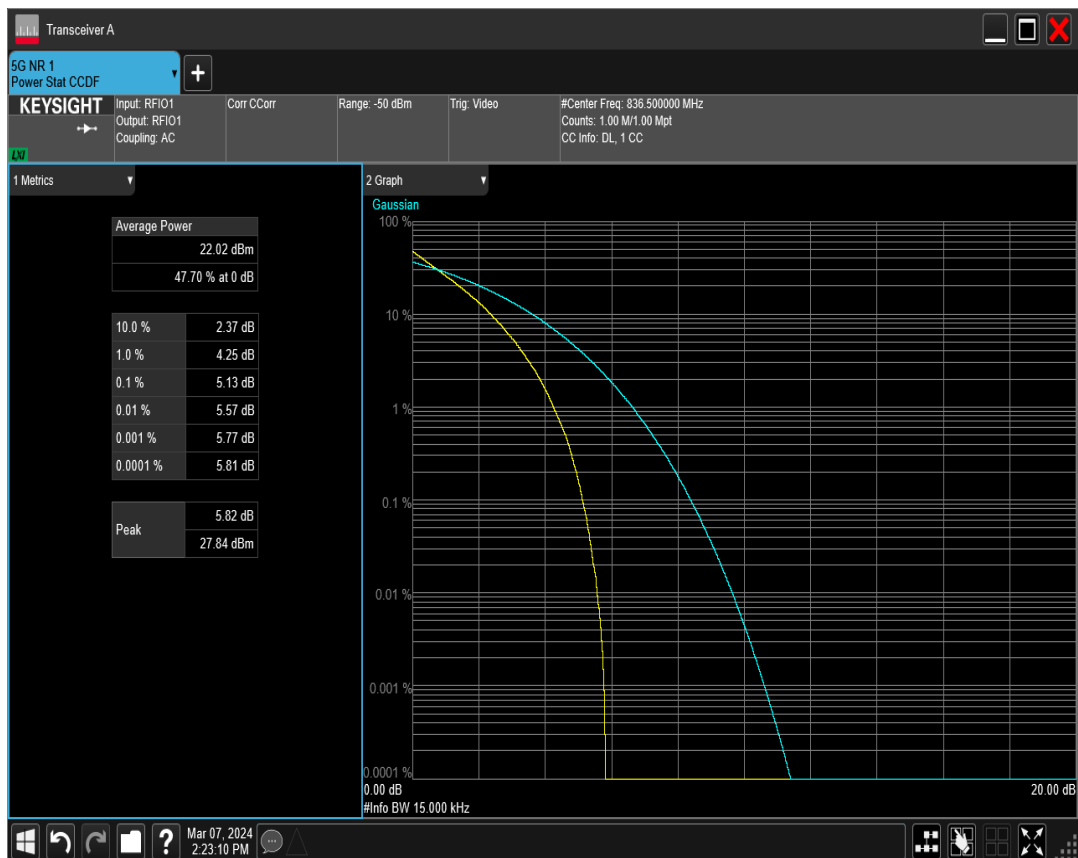
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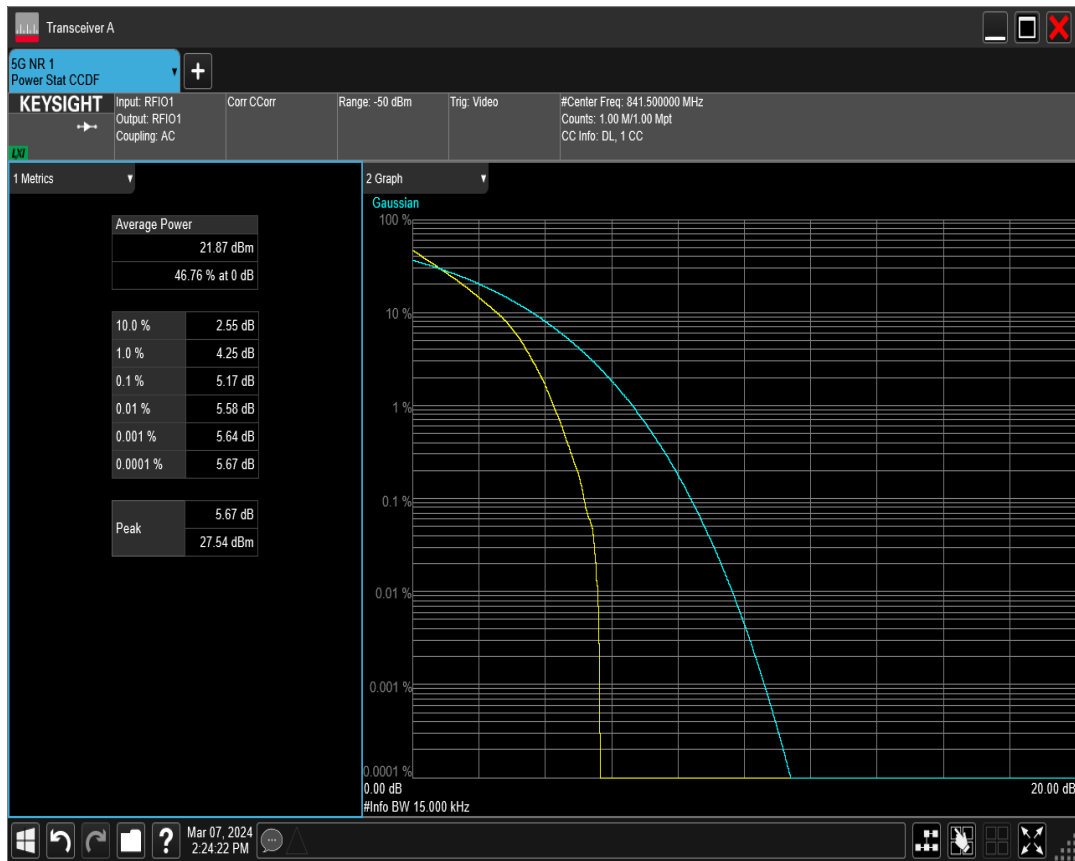
n5 SCS=30kHz DFT_QPSK BW=15MHz Channel=166300 RB=36@0



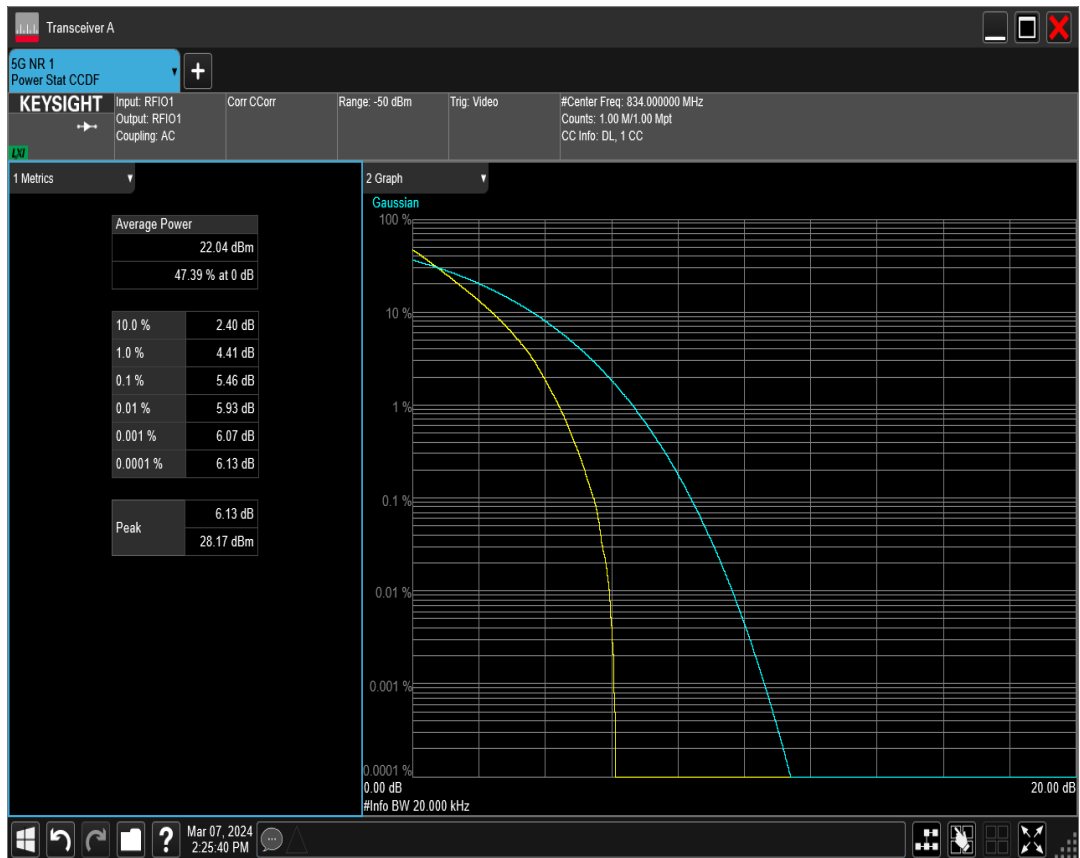
n5 SCS=30kHz DFT_QPSK BW=15MHz Channel=167300 RB=36@0



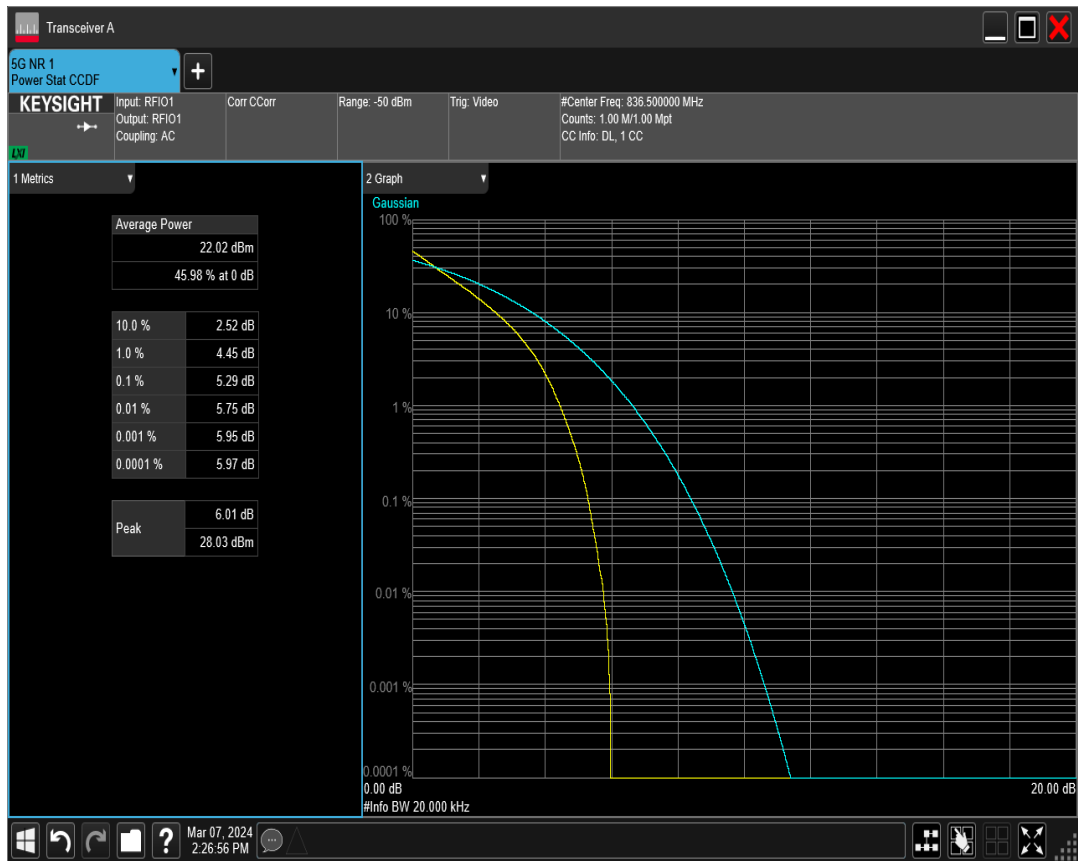
n5 SCS=30kHz DFT_QPSK BW=15MHz Channel=168300 RB=36@0



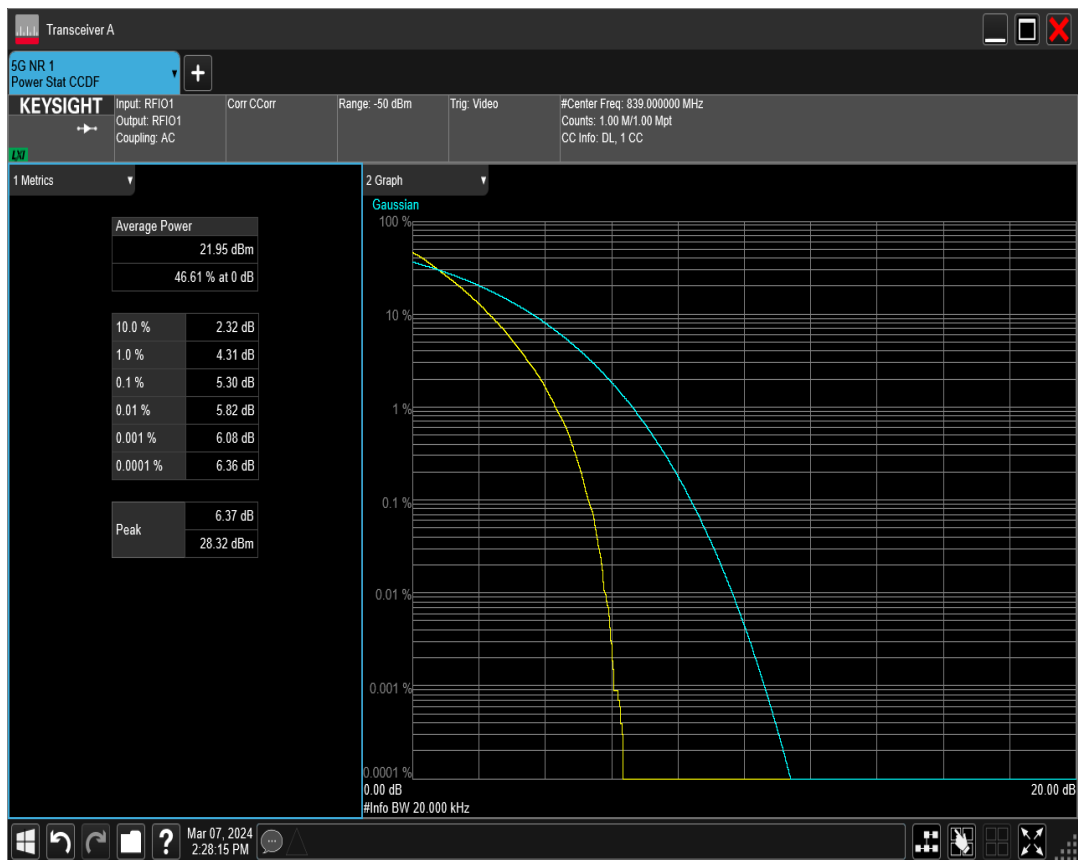
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=50@0



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



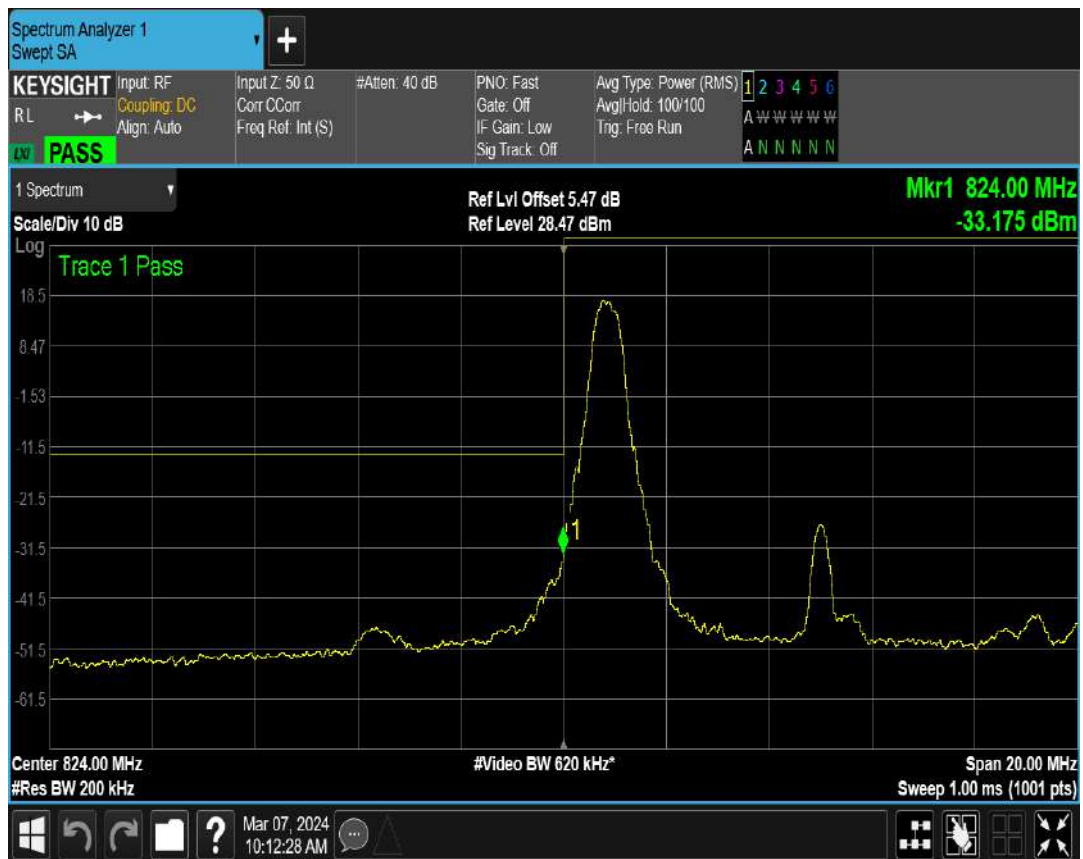
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=50@0



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



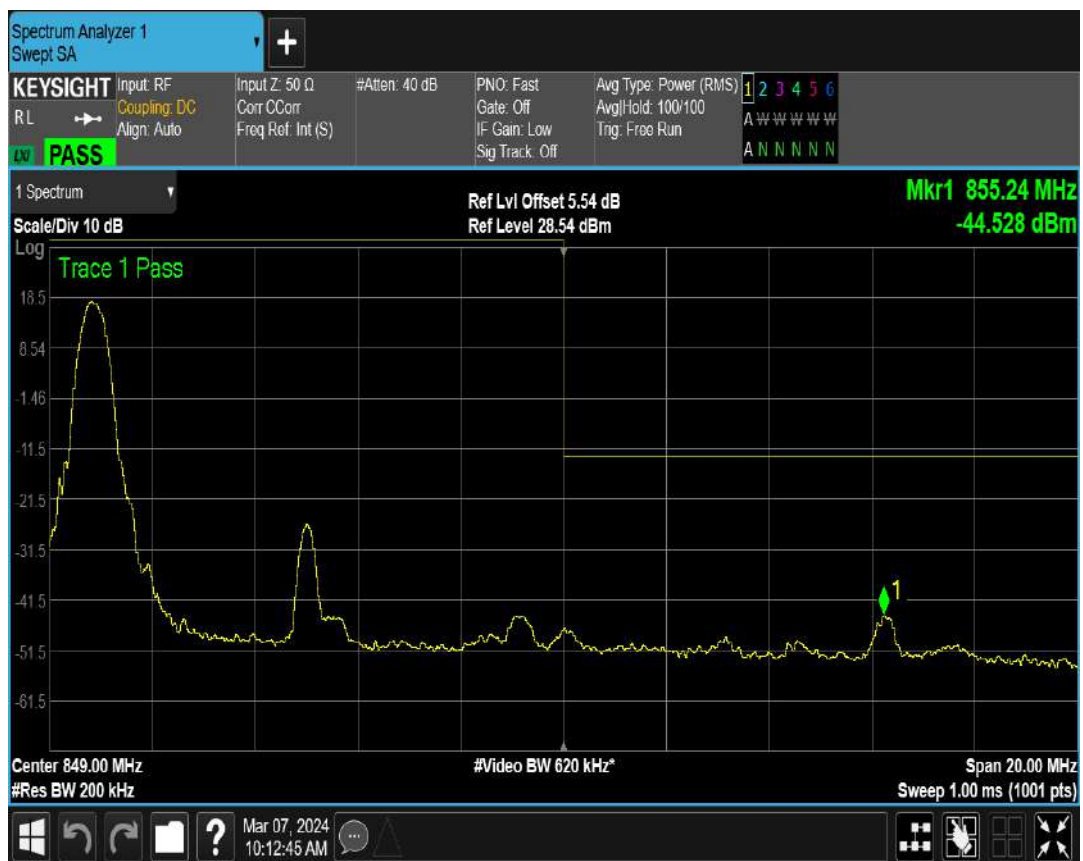
n5 SCS=30kHz CP_QPSK BW=10MHz Channel=165800 RB=1@23



n5 SCS=30kHz CP_QPSK BW=10MHz Channel=165800 RB=24@0



n5 SCS=30kHz CP_QPSK BW=10MHz Channel=168800 RB=1@0



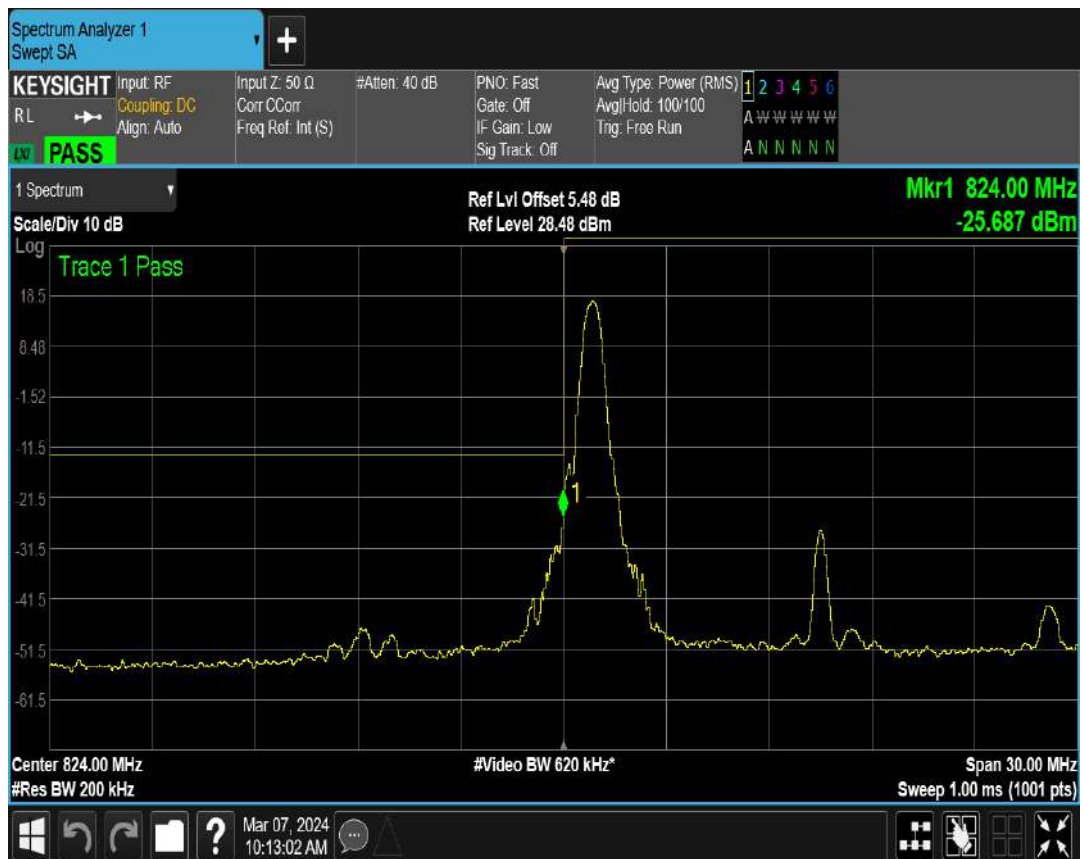
n5 SCS=30kHz CP_QPSK BW=10MHz Channel=168800 RB=1@23



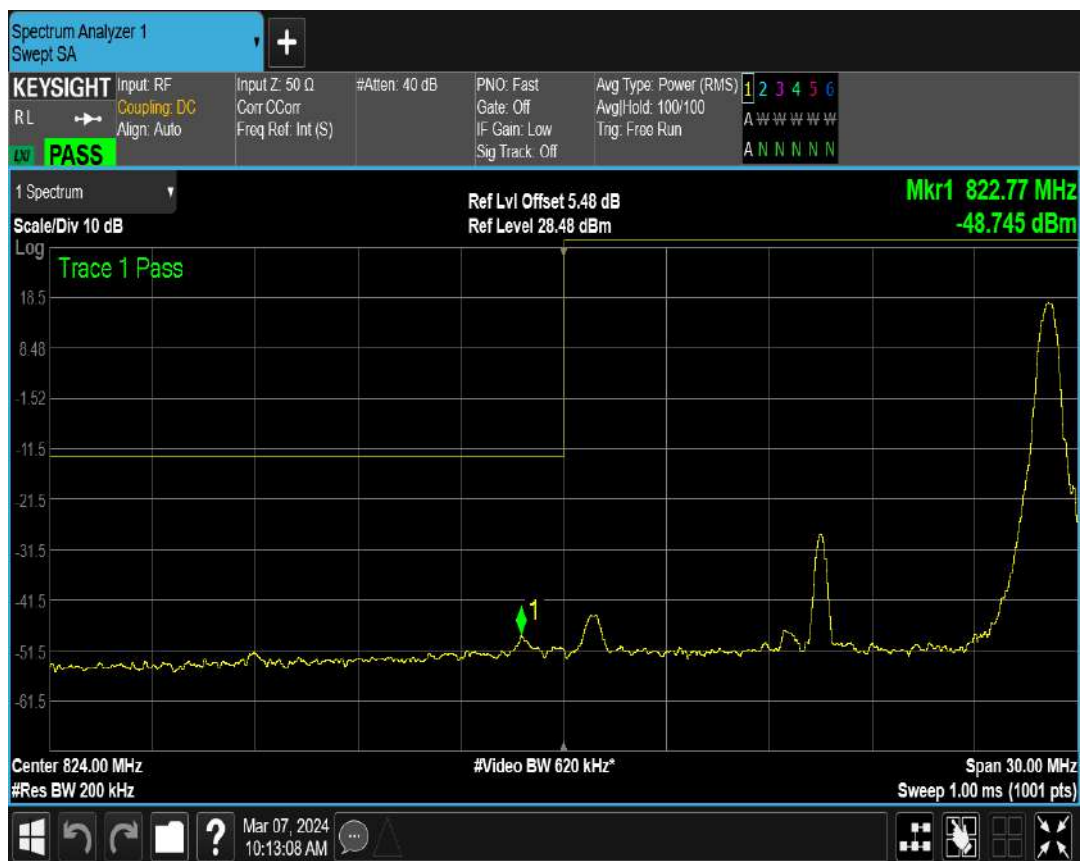
n5 SCS=30kHz CP_QPSK BW=10MHz Channel=168800 RB=24@0



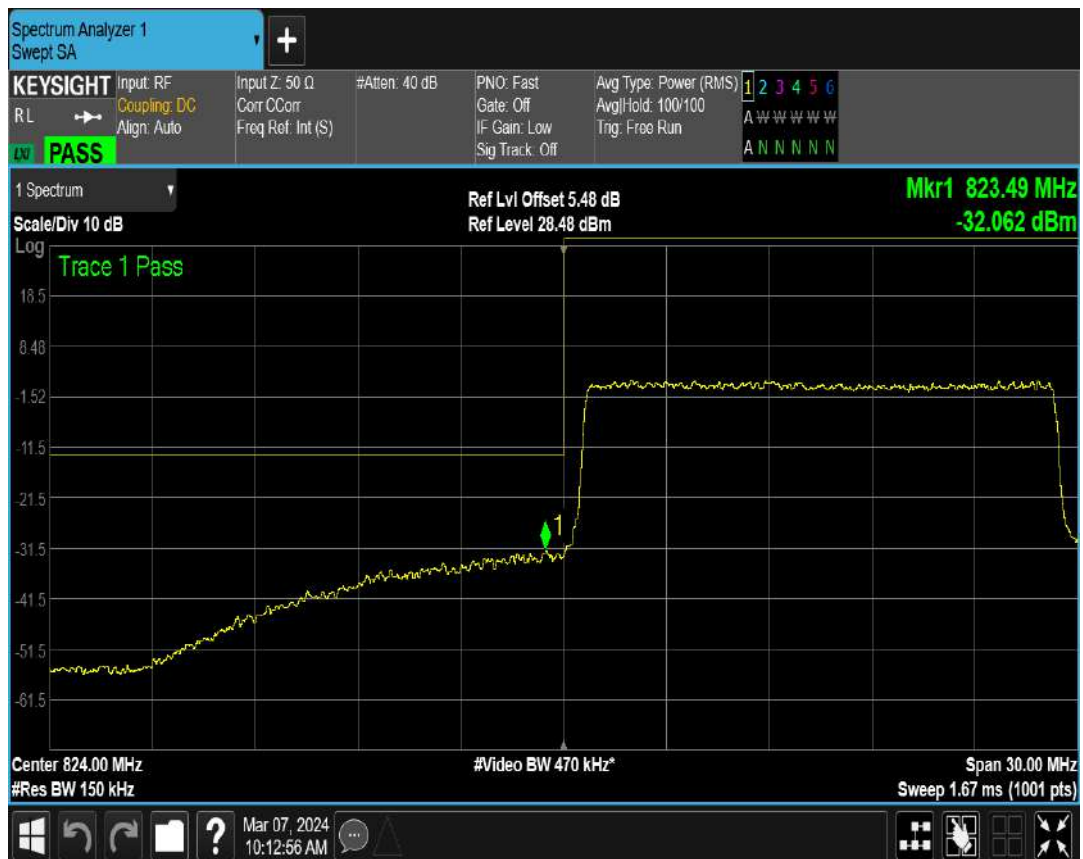
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=166300 RB=1@0



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



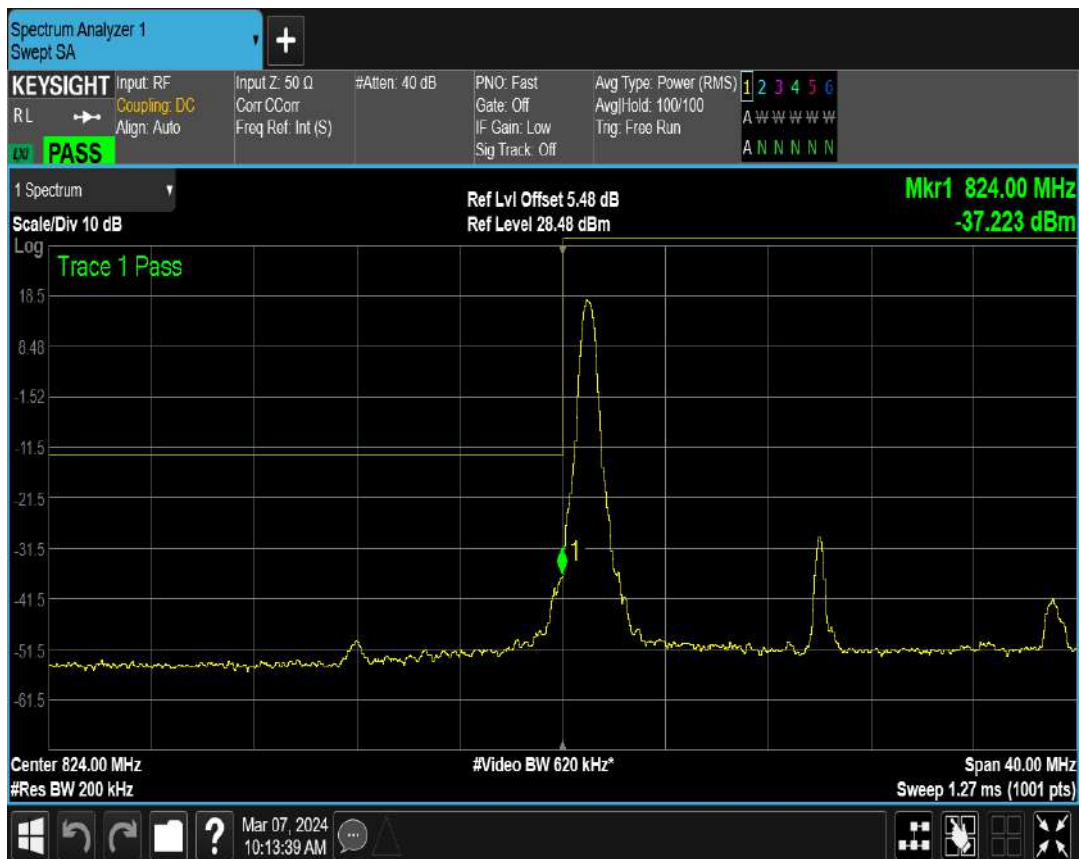
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=168300 RB=1@37



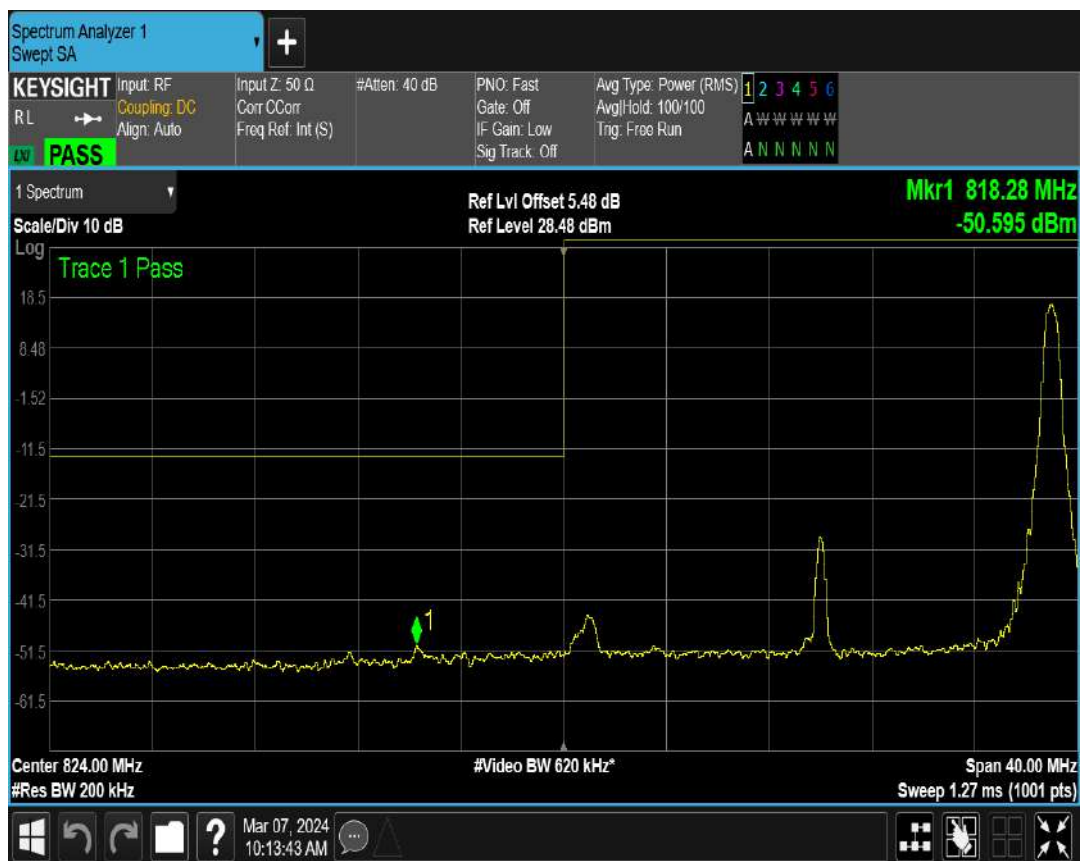
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=168300 RB=38@0



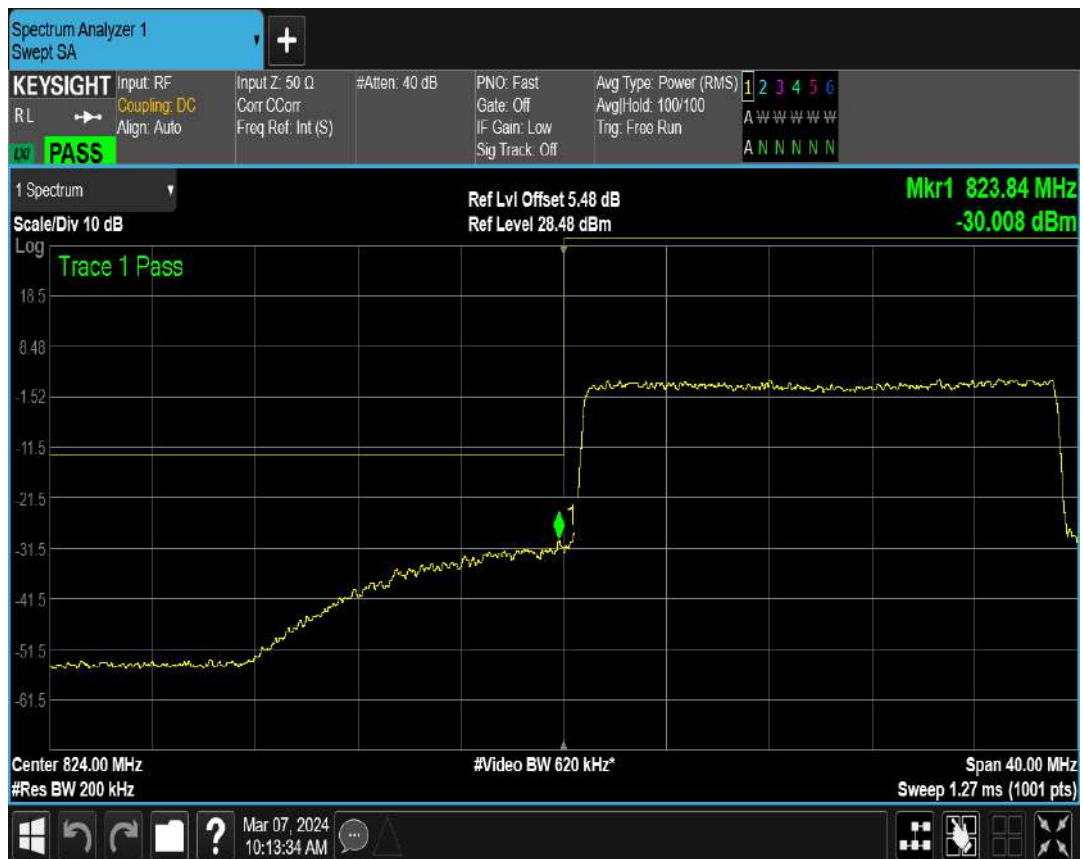
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=166800 RB=1@0



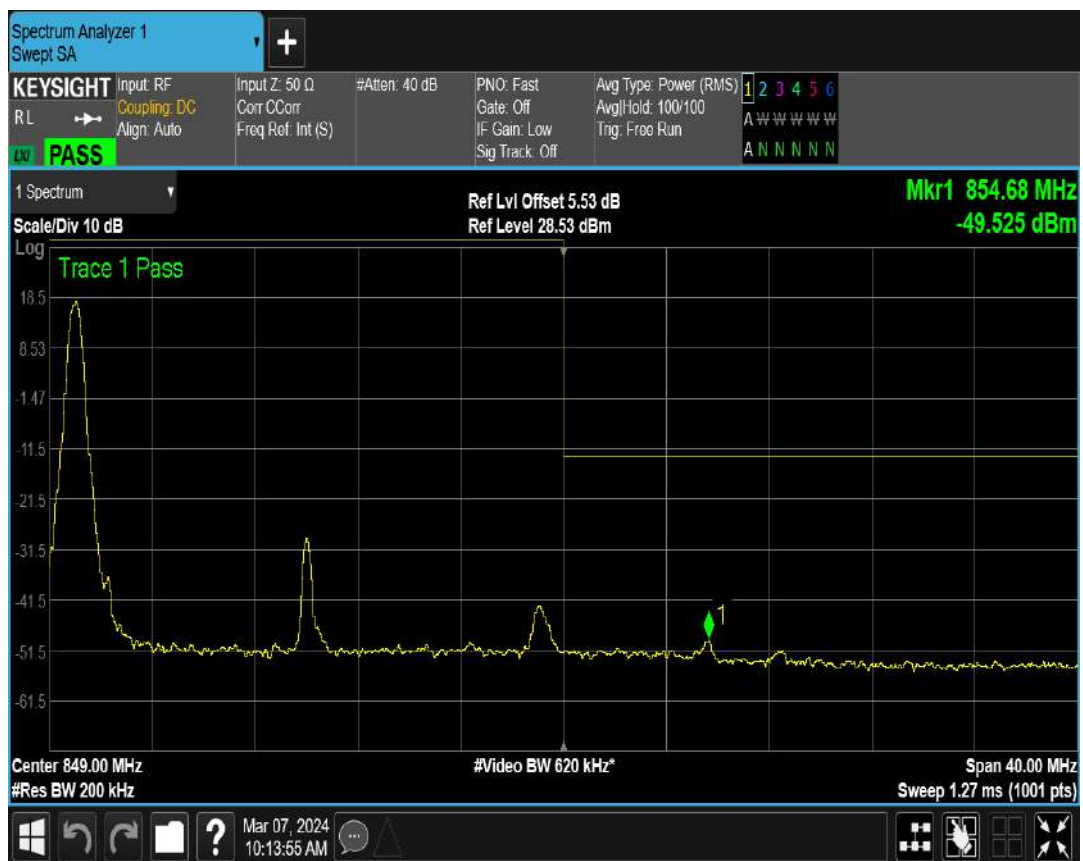
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=166800 RB=1@50



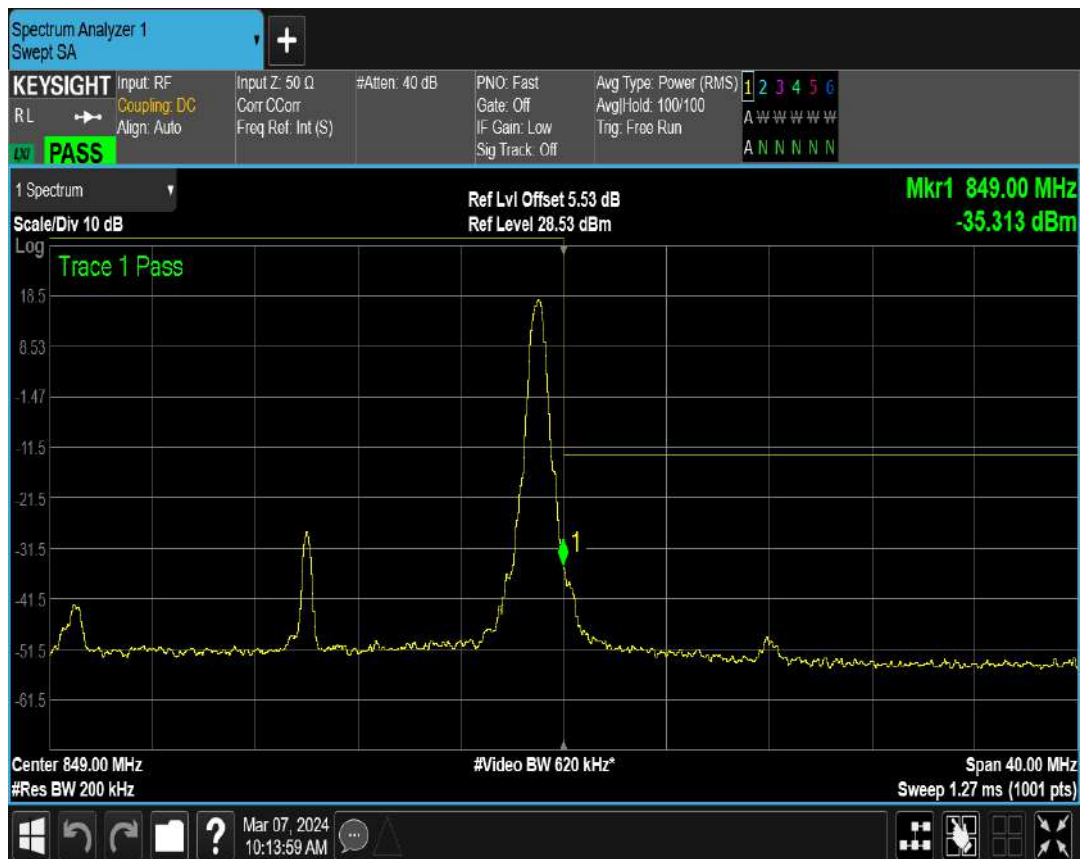
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=166800 RB=51@0



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



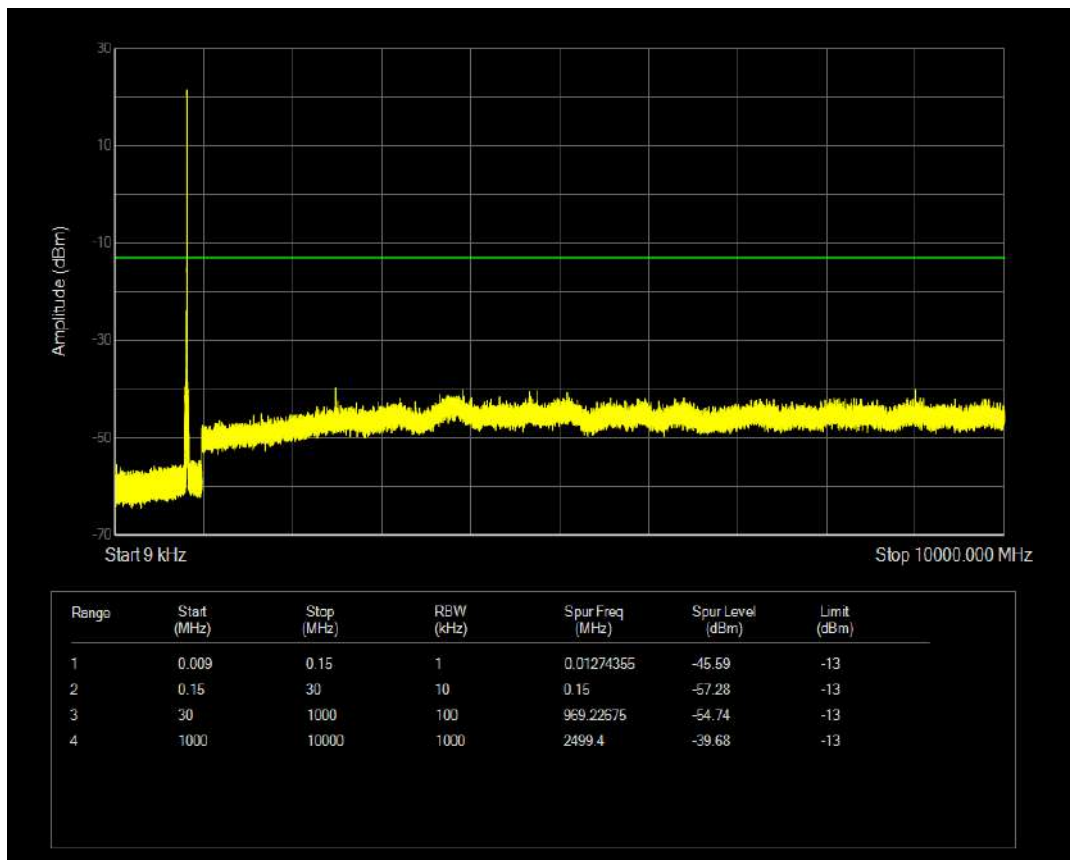
6 Out-of-band emissions for NR FR1

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

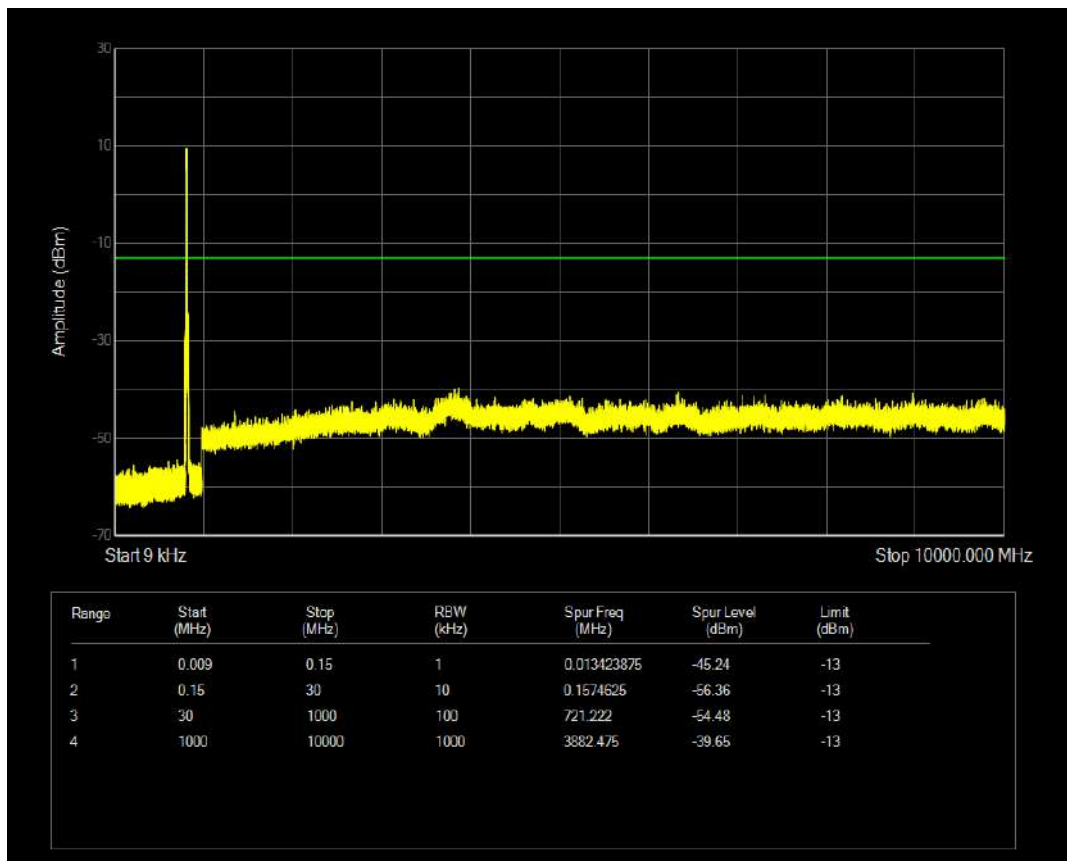
n5 SCS=30kHz CP_QPSK BW=10MHz Channel=165800 RB=1@0



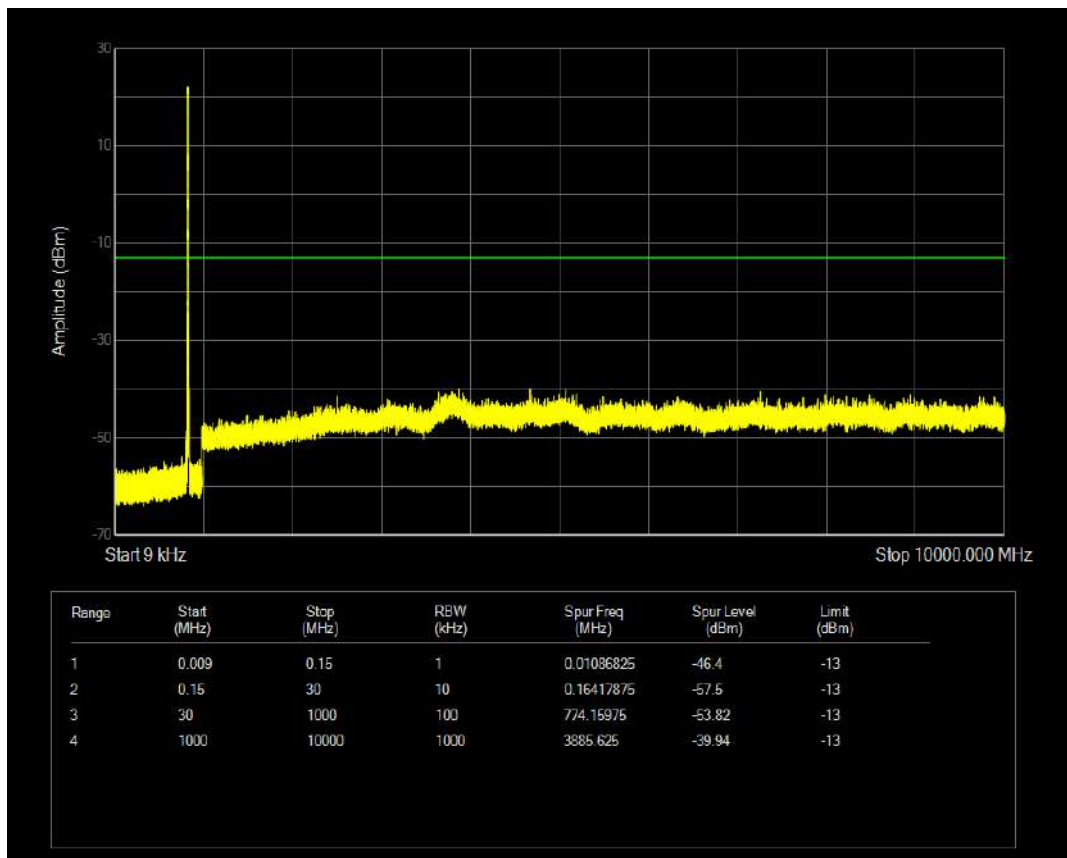
n5 SCS=30kHz CP_QPSK BW=10MHz Channel=165800 RB=1@23



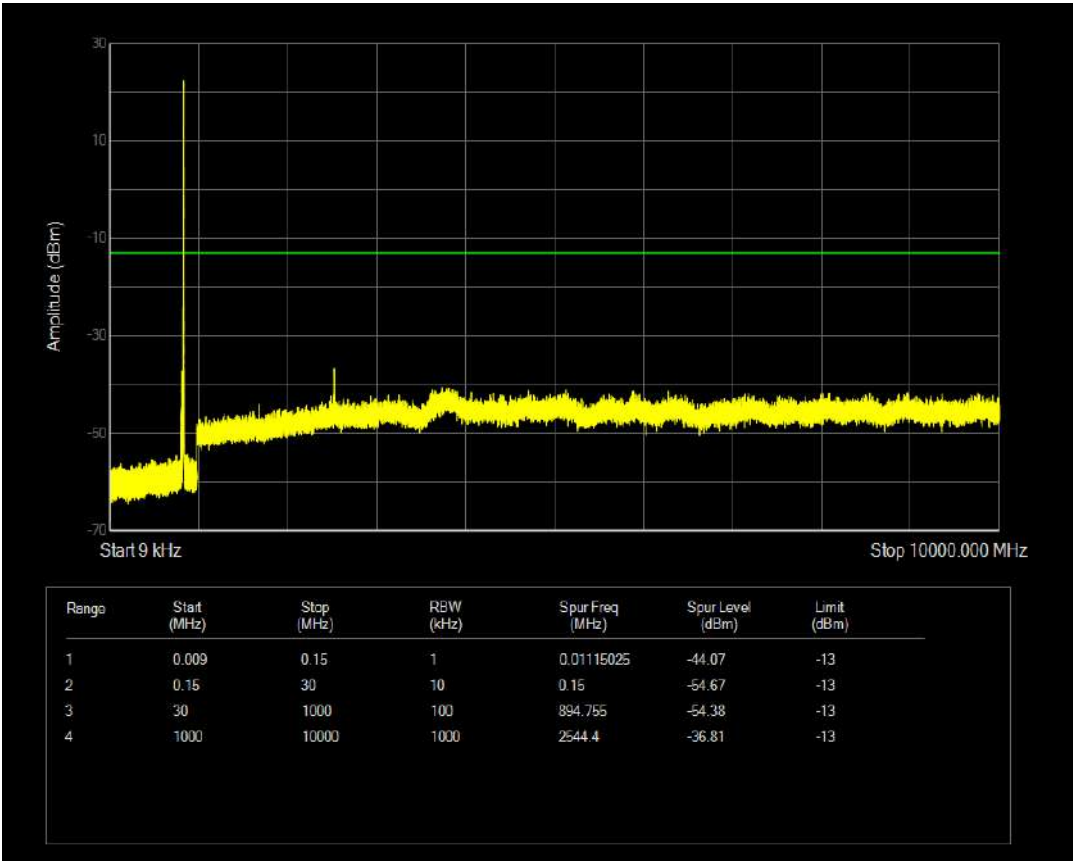
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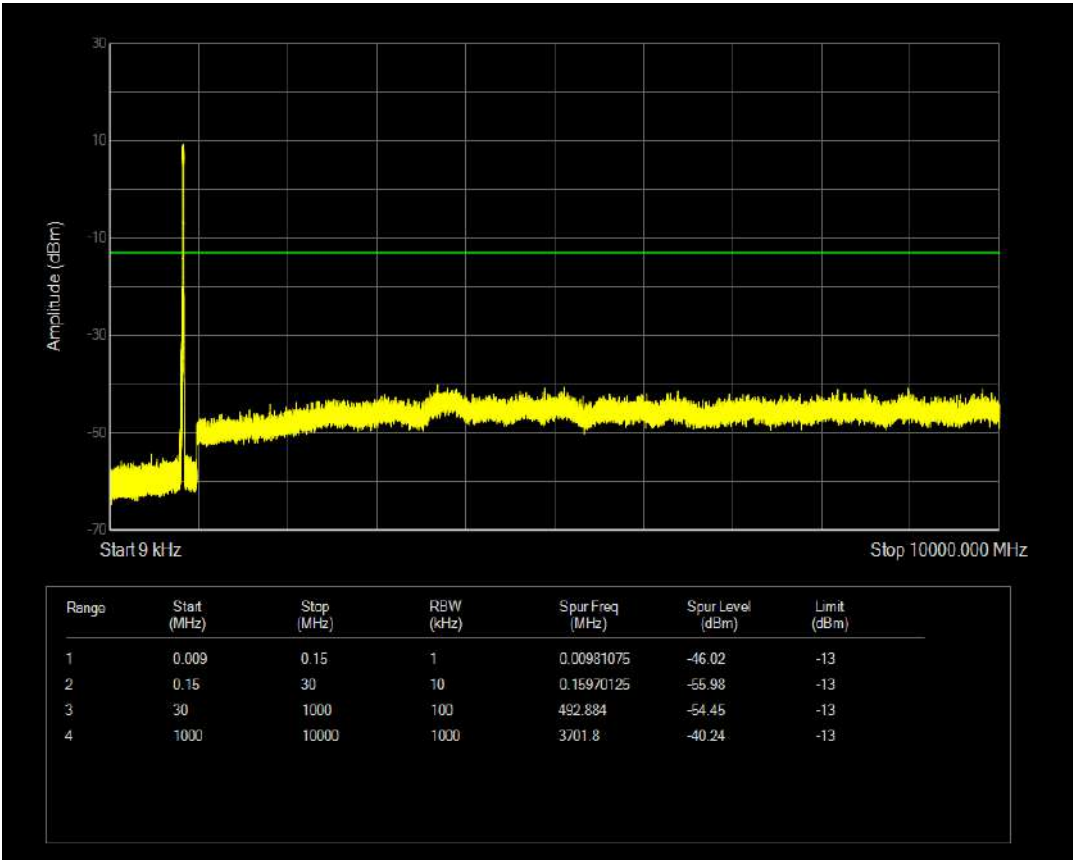
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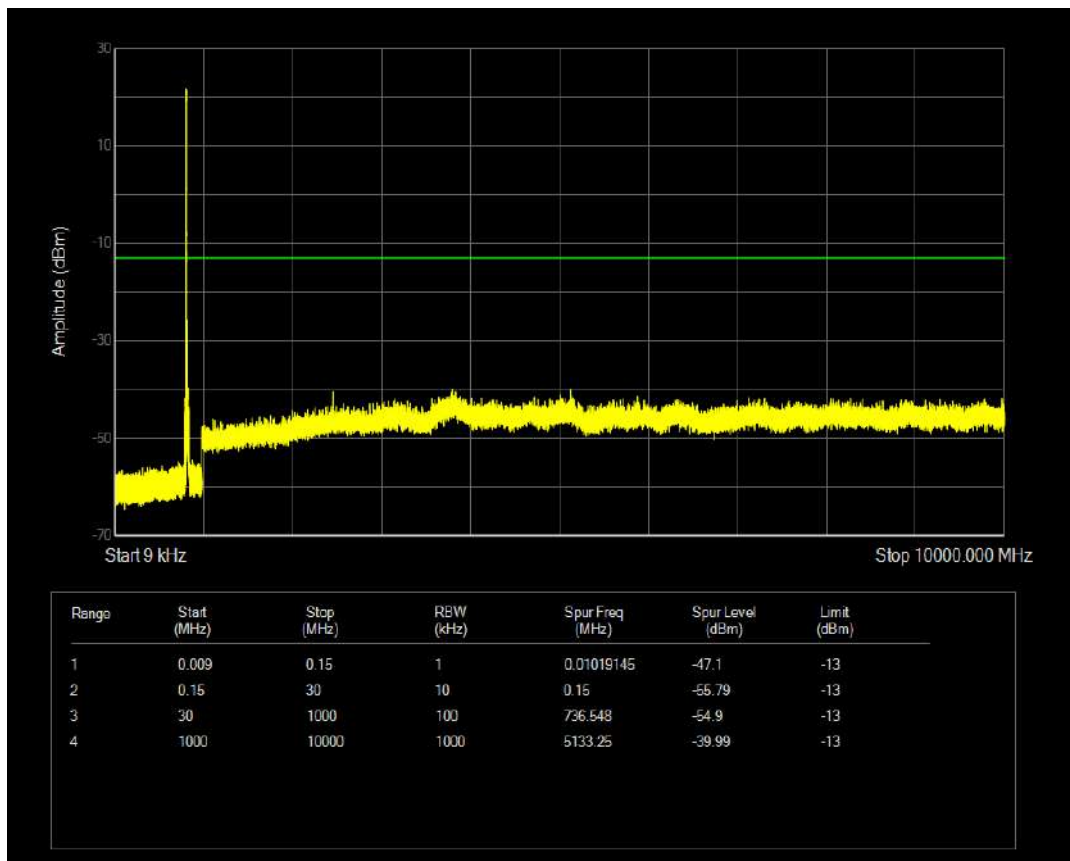
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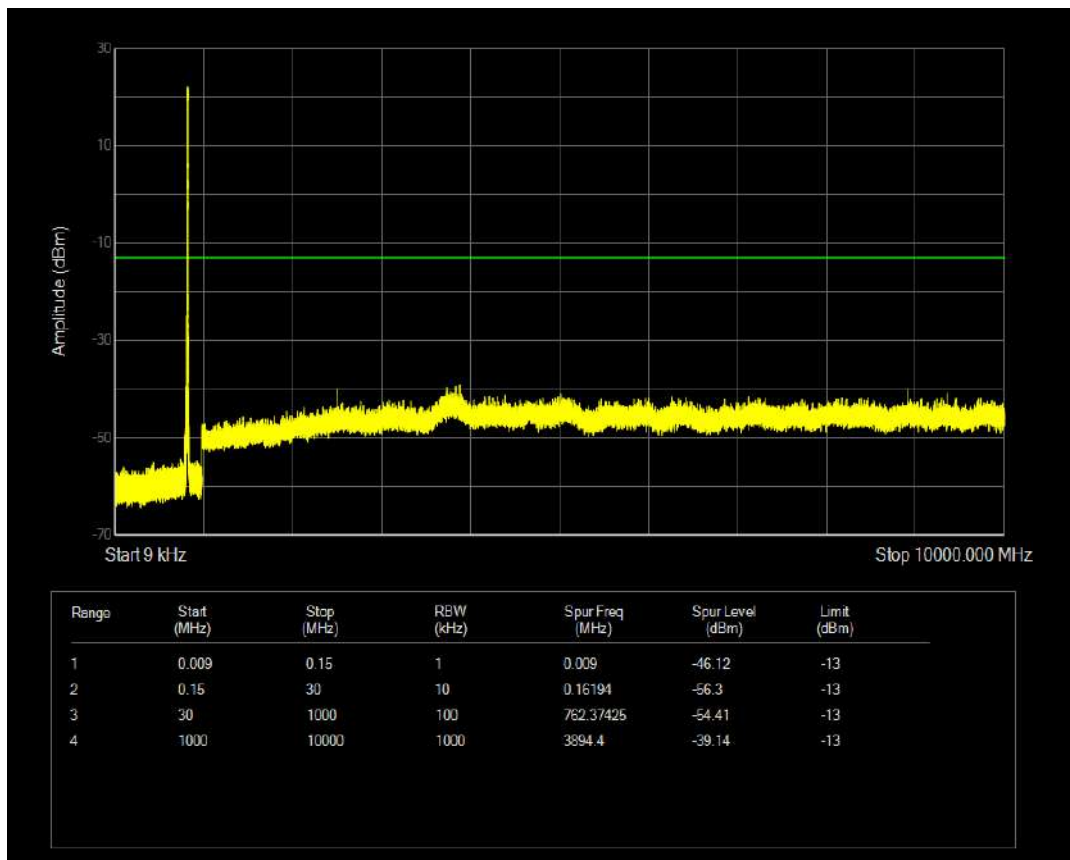
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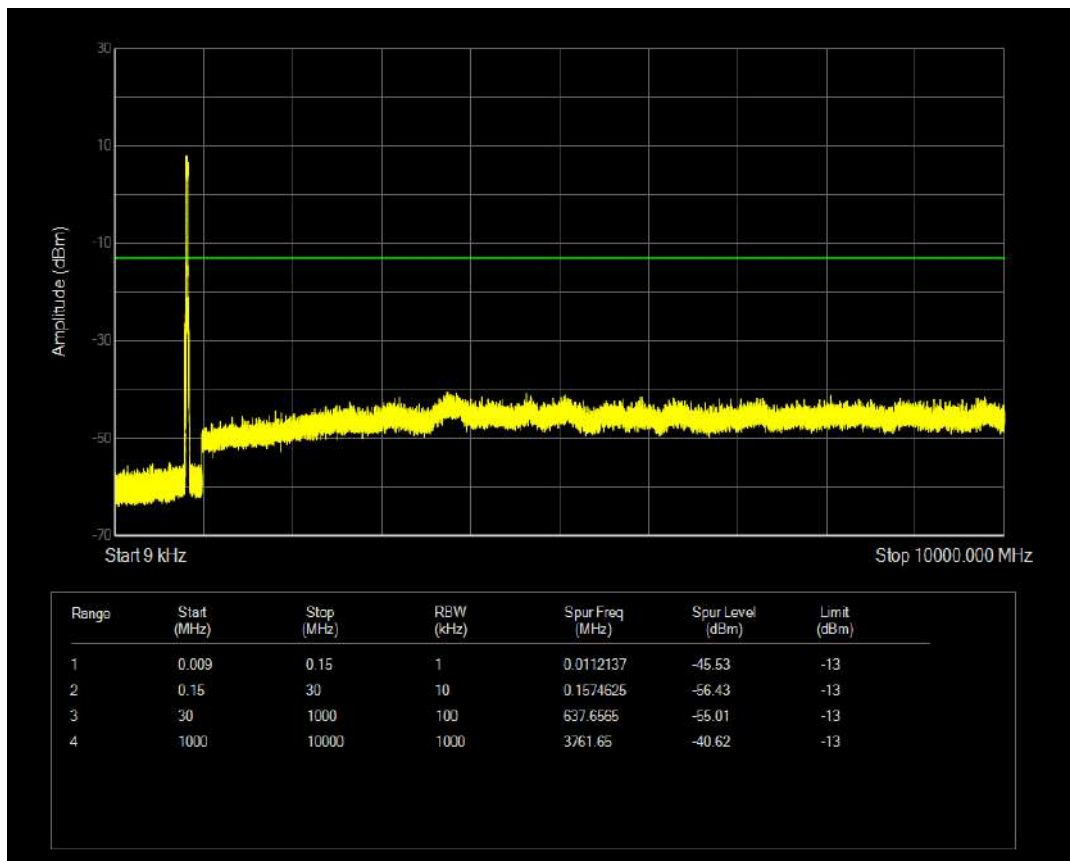
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=166300 RB=1@0



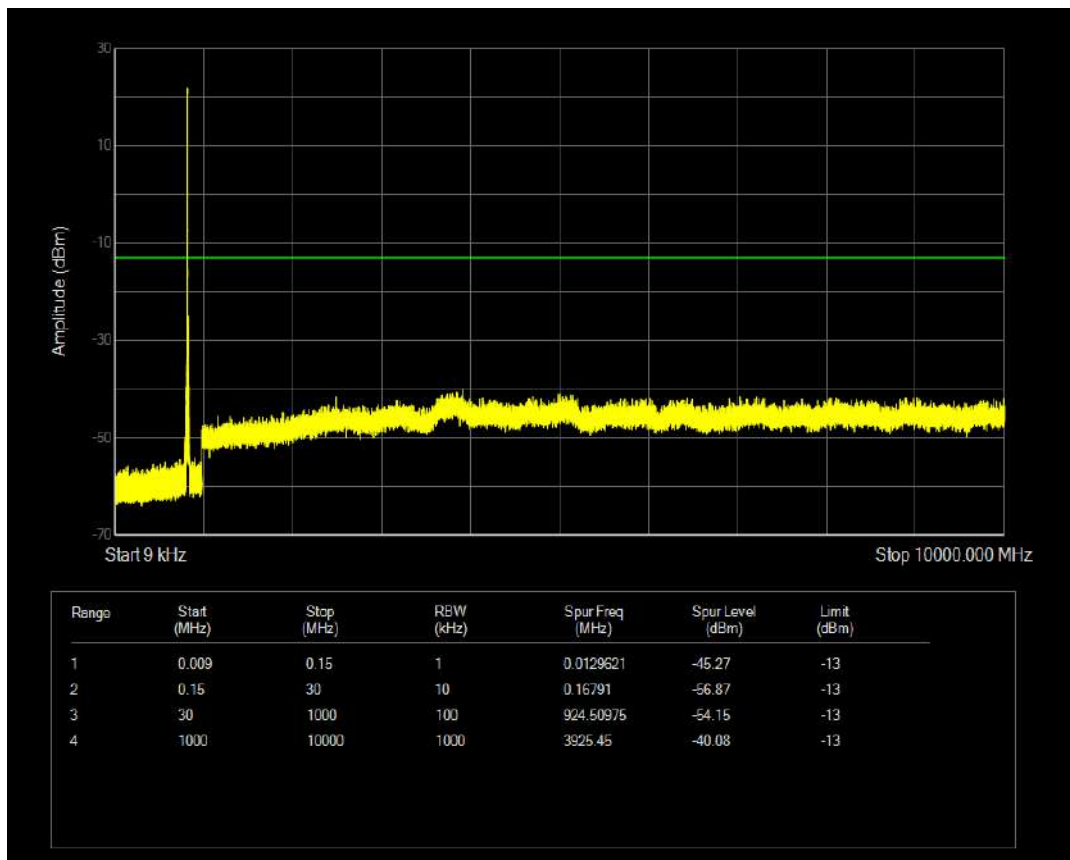
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=166300 RB=1@37



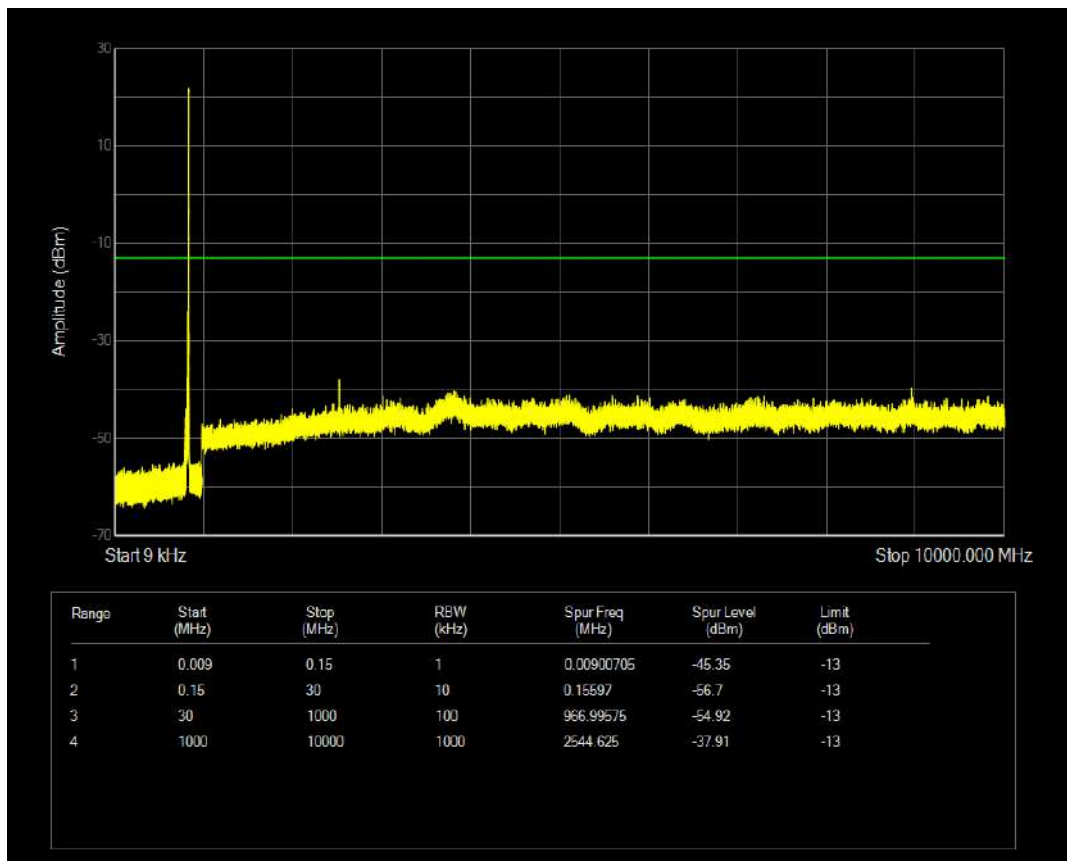
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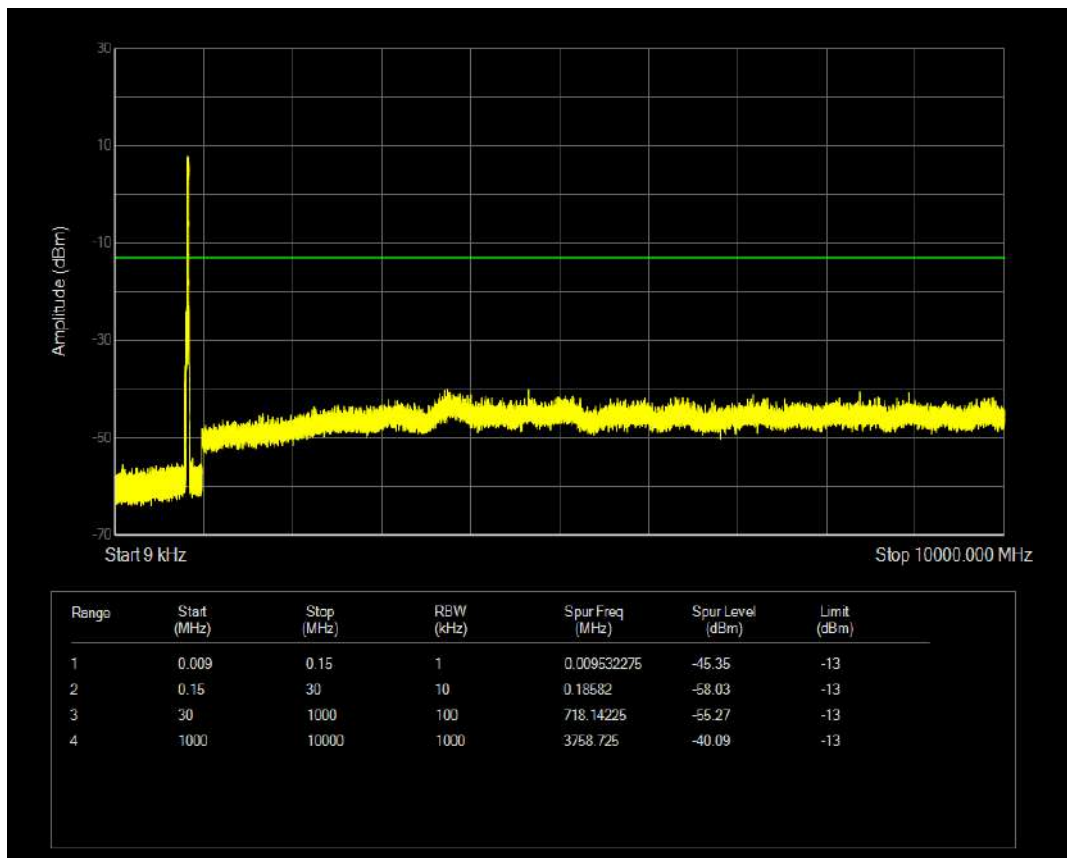
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=168300 RB=1@0



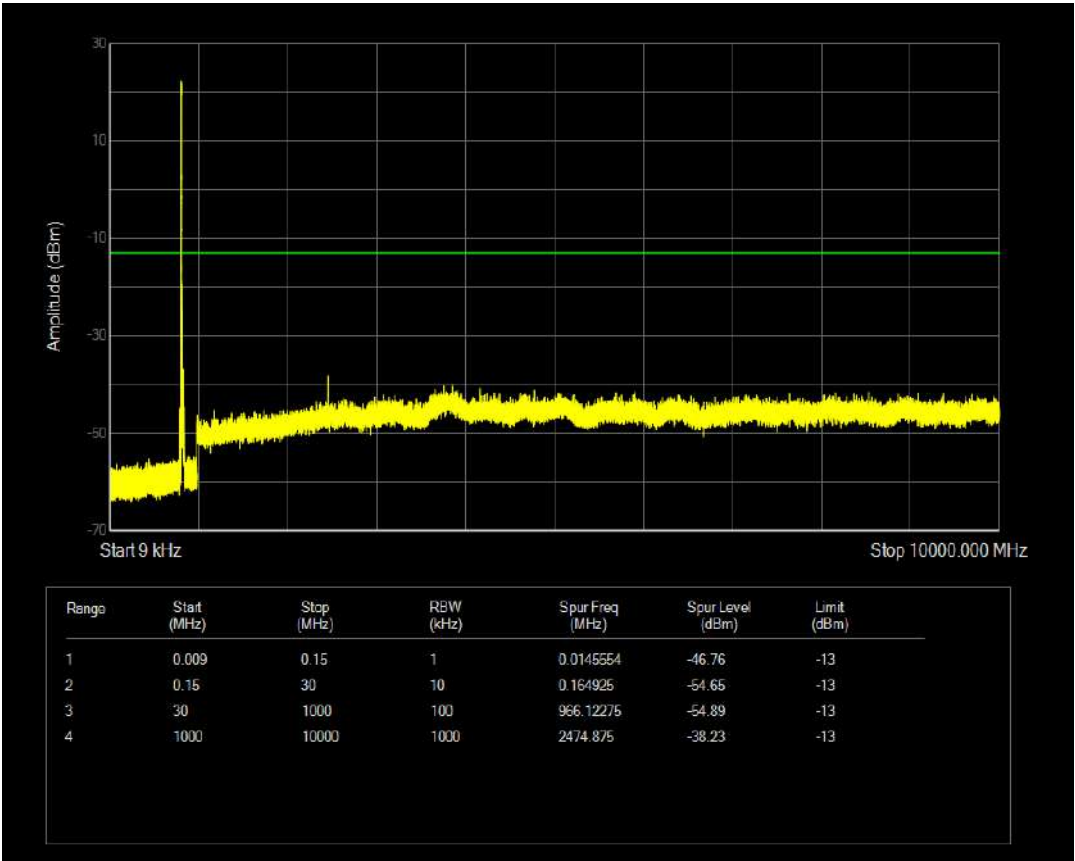
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=168300 RB=1@37



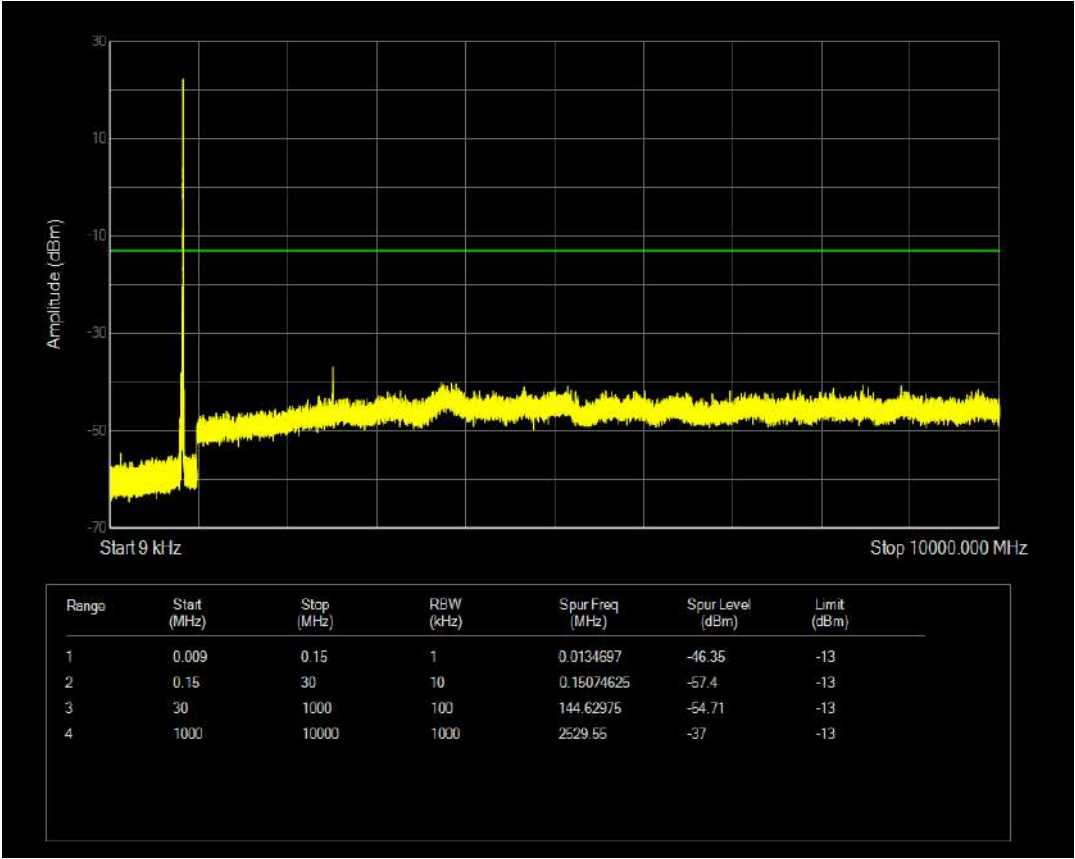
n5 SCS=30kHz CP_QPSK BW=15MHz Channel=168300 RB=38@0



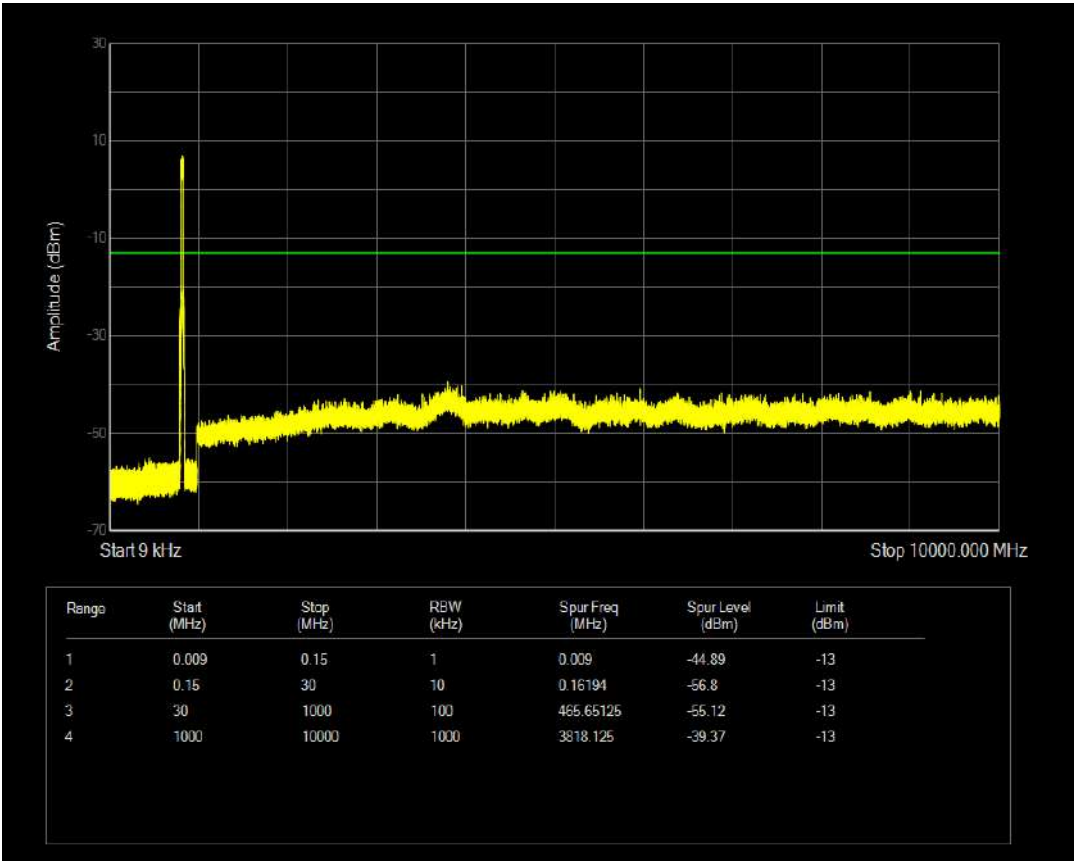
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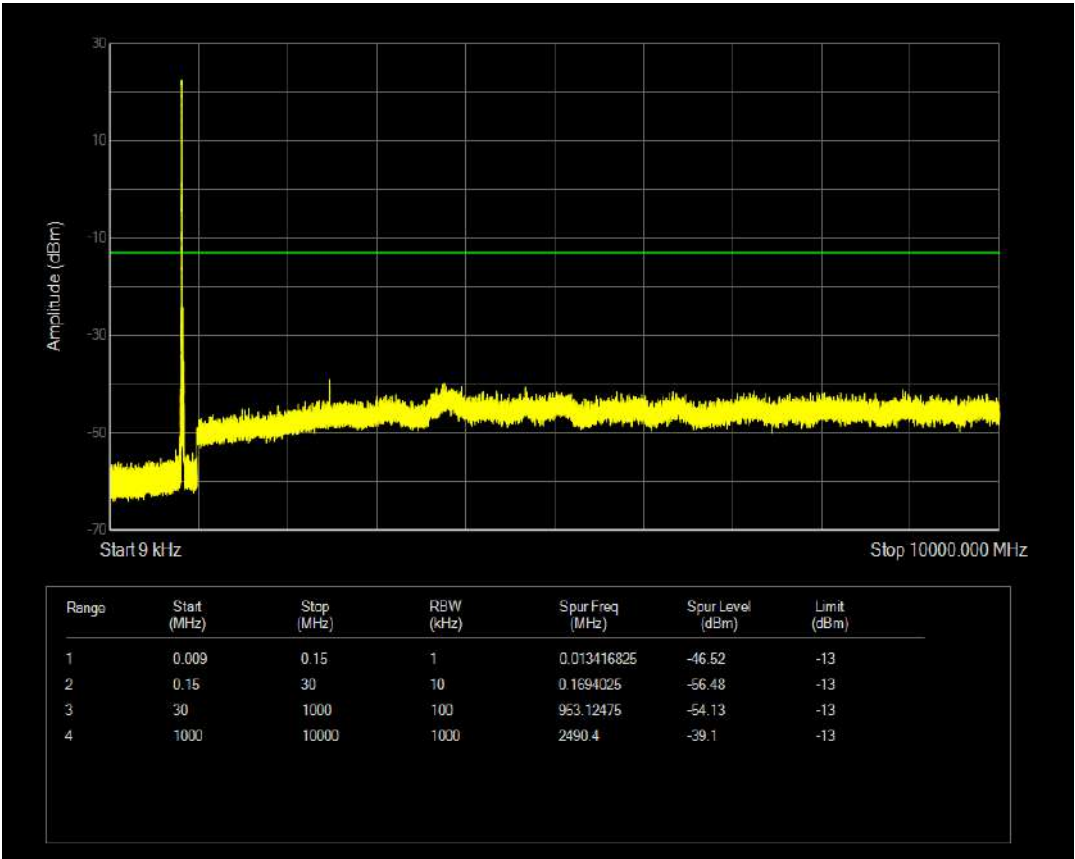
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=166800 RB=1@50



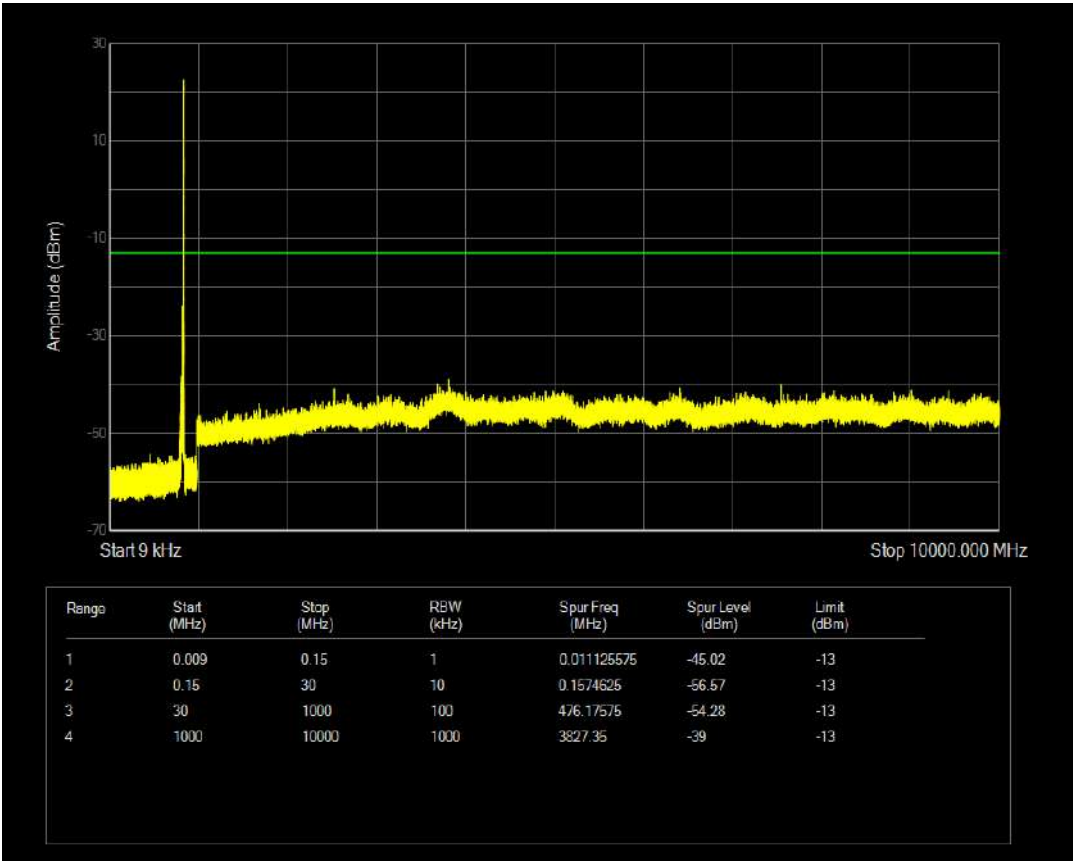
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=166800 RB=51@0



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

