TABLE OF CONTENTS

1 Conducted output power for NR FR1 2
2 Frequency stability for NR FR1 4
3 Peak-to-Average Ratio for NR FR1 6
4 Occupied bandwidth for NR FR1 38
5 Band edge for NR FR1 49
6 Out-of-band emissions for NR FR1 59

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Conducted output power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	1@1	DFT_BPSK	23.35	-5.2	-7.35	16	38.45	PASS
n5	15	5	165300	25@0	DFT_QPSK	22.63	-5.2	-7.35	15.28	38.45	PASS
n5	15	5	165300	12@6	DFT_QPSK	23.63	-5.2	-7.35	16.28	38.45	PASS
n5	15	5	165300	1@1	DFT_QPSK	23.4	-5.2	-7.35	16.05	38.45	PASS
n5	15	5	165300	1@23	DFT_QPSK	23.5	-5.2	-7.35	16.15	38.45	PASS
n5	15	5	165300	1@1	DFT_QAM16	22.36	-5.2	-7.35	15.01	38.45	PASS
n5	15	5	165300	1@1	DFT_QAM64	20.93	-5.2	-7.35	13.58	38.45	PASS
n5	15	5	165300	1@1	DFT_QAM256	18.84	-5.2	-7.35	11.49	38.45	PASS
n5	15	5	165300	1@1	CP_QPSK	22.49	-5.2	-7.35	15.14	38.45	PASS
n5	15	5	167300	1@1	DFT_BPSK	23.63	-5.2	-7.35	16.28	38.45	PASS
n5	15	5	167300	25@0	DFT_QPSK	22.76	-5.2	-7.35	15.41	38.45	PASS
n5	15	5	167300	12@6	DFT_QPSK	23.83	-5.2	-7.35	16.48	38.45	PASS
n5	15	5	167300	1@1	DFT_QPSK	24.09	-5.2	-7.35	16.74	38.45	PASS
n5	15	5	167300	1@23	DFT_QPSK	24.04	-5.2	-7.35	16.69	38.45	PASS
n5	15	5	167300	1@1	DFT_QAM16	22.57	-5.2	-7.35	15.22	38.45	PASS
n5	15	5	167300	1@1	DFT_QAM64	21.06	-5.2	-7.35	13.71	38.45	PASS
n5	15	5	167300	1@1	DFT_QAM256	19.29	-5.2	-7.35	11.94	38.45	PASS
n5	15	5	167300	1@1	CP_QPSK	22.42	-5.2	-7.35	15.07	38.45	PASS
n5	15	5	169300	1@1	DFT_BPSK	23.6	-5.2	-7.35	16.25	38.45	PASS
n5	15	5	169300	25@0	DFT_QPSK	22.54	-5.2	-7.35	15.19	38.45	PASS
n5	15	5	169300	12@6	DFT_QPSK	23.5	-5.2	-7.35	16.15	38.45	PASS
n5	15	5	169300	1@1	DFT_QPSK	23.76	-5.2	-7.35	16.41	38.45	PASS
n5	15	5	169300	1@23	DFT_QPSK	23.48	-5.2	-7.35	16.13	38.45	PASS
n5	15	5	169300	1@1	DFT_QAM16	22.77	-5.2	-7.35	15.42	38.45	PASS
n5	15	5	169300	1@1	DFT_QAM64	21.15	-5.2	-7.35	13.8	38.45	PASS
n5	15	5	169300	1@1	DFT_QAM256	19.12	-5.2	-7.35	11.77	38.45	PASS
n5	15	5	169300	1@1	CP_QPSK	22.14	-5.2	-7.35	14.79	38.45	PASS
n5	15	15	166300	1@1	DFT_BPSK	23.46	-5.2	-7.35	16.11	38.45	PASS
n5	15	15	166300	75@0	DFT_QPSK	22.75	-5.2	-7.35	15.4	38.45	PASS
n5	15	15	166300	36@18	DFT_QPSK	23.76	-5.2	-7.35	16.41	38.45	PASS
n5	15	15	166300	1@1	DFT_QPSK	23.6	-5.2	-7.35	16.25	38.45	PASS
n5	15	15	166300	1@77	DFT_QPSK	23.75	-5.2	-7.35	16.4	38.45	PASS
n5	15	15	166300	1@1	DFT_QAM16	23.21	-5.2	-7.35	15.86	38.45	PASS
n5	15	15	166300	1@1	DFT_QAM64	21.22	-5.2	-7.35	13.87	38.45	PASS
n5	15	15	166300	1@1	DFT_QAM256	19.29	-5.2	-7.35	11.94	38.45	PASS
n5	15	15	166300	1@1	CP_QPSK	21.91	-5.2	-7.35	14.56	38.45	PASS
n5	15	15	167300	1@1	DFT_BPSK	23.88	-5.2	-7.35	16.53	38.45	PASS

n5	15	15	167300	75@0	DFT_QPSK	22.8	-5.2	-7.35	15.45	38.45	PASS
n5	15	15	167300	36@18	DFT_QPSK	23.81	-5.2	-7.35	16.46	38.45	PASS
n5	15	15	167300	1@1	DFT_QPSK	23.61	-5.2	-7.35	16.26	38.45	PASS
n5	15	15	167300	1@77	DFT_QPSK	23.58	-5.2	-7.35	16.23	38.45	PASS
n5	15	15	167300	1@1	DFT_QAM16	22.88	-5.2	-7.35	15.53	38.45	PASS
n5	15	15	167300	1@1	DFT_QAM64	21.26	-5.2	-7.35	13.91	38.45	PASS
n5	15	15	167300	1@1	DFT_QAM256	19.1	-5.2	-7.35	11.75	38.45	PASS
n5	15	15	167300	1@1	CP_QPSK	22.22	-5.2	-7.35	14.87	38.45	PASS
n5	15	15	168300	1@1	DFT_BPSK	23.81	-5.2	-7.35	16.46	38.45	PASS
n5	15	15	168300	75@0	DFT_QPSK	22.72	-5.2	-7.35	15.37	38.45	PASS
n5	15	15	168300	36@18	DFT_QPSK	23.8	-5.2	-7.35	16.45	38.45	PASS
n5	15	15	168300	1@1	DFT_QPSK	23.71	-5.2	-7.35	16.36	38.45	PASS
n5	15	15	168300	1@77	DFT_QPSK	23.21	-5.2	-7.35	15.86	38.45	PASS
n5	15	15	168300	1@1	DFT_QAM16	22.86	-5.2	-7.35	15.51	38.45	PASS
n5	15	15	168300	1@1	DFT_QAM64	21.61	-5.2	-7.35	14.26	38.45	PASS
n5	15	15	168300	1@1	DFT_QAM256	19.51	-5.2	-7.35	12.16	38.45	PASS
n5	15	15	168300	1@1	CP_QPSK	22.32	-5.2	-7.35	14.97	38.45	PASS
n5	15	20	166800	1@1	DFT_BPSK	23.41	-5.2	-7.35	16.06	38.45	PASS
n5	15	20	166800	100@0	DFT_QPSK	22.71	-5.2	-7.35	15.36	38.45	PASS
n5	15	20	166800	50@25	DFT_QPSK	23.8	-5.2	-7.35	16.45	38.45	PASS
n5	15	20	166800	1@1	DFT_QPSK	23.54	-5.2	-7.35	16.19	38.45	PASS
n5	15	20	166800	1@104	DFT_QPSK	23.63	-5.2	-7.35	16.28	38.45	PASS
n5	15	20	166800	1@1	DFT_QAM16	22.63	-5.2	-7.35	15.28	38.45	PASS
n5	15	20	166800	1@1	DFT_QAM64	21.36	-5.2	-7.35	14.01	38.45	PASS
n5	15	20	166800	1@1	DFT_QAM256	18.87	-5.2	-7.35	11.52	38.45	PASS
n5	15	20	166800	1@1	CP_QPSK	22.05	-5.2	-7.35	14.7	38.45	PASS
n5	15	20	167300	1@1	DFT_BPSK	23.46	-5.2	-7.35	16.11	38.45	PASS
n5	15	20	167300	100@0	DFT_QPSK	22.72	-5.2	-7.35	15.37	38.45	PASS
n5	15	20	167300	50@25	DFT_QPSK	23.78	-5.2	-7.35	16.43	38.45	PASS
n5	15	20	167300	1@1	DFT_QPSK	23.53	-5.2	-7.35	16.18	38.45	PASS
n5	15	20	167300	1@104	DFT_QPSK	23.42	-5.2	-7.35	16.07	38.45	PASS
n5	15	20	167300	1@1	DFT_QAM16	22.7	-5.2	-7.35	15.35	38.45	PASS
n5	15	20	167300	1@1	DFT_QAM64	21.23	-5.2	-7.35	13.88	38.45	PASS
n5	15	20	167300	1@1	DFT_QAM256	19.12	-5.2	-7.35	11.77	38.45	PASS
n5	15	20	167300	1@1	CP_QPSK	22.3	-5.2	-7.35	14.95	38.45	PASS
n5	15	20	167800	1@1	DFT_BPSK	23.6	-5.2	-7.35	16.25	38.45	PASS
n5	15	20	167800	100@0	DFT_QPSK	22.73	-5.2	-7.35	15.38	38.45	PASS
n5	15	20	167800	50@25	DFT_QPSK	23.74	-5.2	-7.35	16.39	38.45	PASS
n5	15	20	167800	1@1	DFT_QPSK	23.7	-5.2	-7.35	16.35	38.45	PASS
n5	15	20	167800	1@104	DFT_QPSK	23.38	-5.2	-7.35	16.03	38.45	PASS
n5	15	20	167800	1@1	DFT_QAM16	22.43	-5.2	-7.35	15.08	38.45	PASS
n5	15	20	167800	1@1	DFT_QAM64	21.03	-5.2	-7.35	13.68	38.45	PASS
n5	15	20	167800	1@1	DFT_QAM256	19.11	-5.2	-7.35	11.76	38.45	PASS
n5	15	20	167800	1@1	CP_QPSK	22.68	-5.2	-7.35	15.33	38.45	PASS

2 Frequency stability for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
n5	15	5	165300	12@6	DFT_BPSK	1.03	0.00125	-2.5	2.5	PASS
n5	15	5	165300	1@1	DFT_BPSK	-0.66	-0.00080	-2.5	2.5	PASS
n5	15	5	165300	1@23	DFT_BPSK	-1.29	-0.00156	-2.5	2.5	PASS
n5	15	5	165300	12@6	DFT_QPSK	-3.11	-0.00376	-2.5	2.5	PASS
n5	15	5	165300	1@1	DFT_QPSK	-2.03	-0.00246	-2.5	2.5	PASS
n5	15	5	165300	1@23	DFT_QPSK	-1.53	-0.00185	-2.5	2.5	PASS
n5	15	5	167300	12@6	DFT_BPSK	-2.05	-0.00245	-2.5	2.5	PASS
n5	15	5	167300	1@1	DFT_BPSK	-2.98	-0.00356	-2.5	2.5	PASS
n5	15	5	167300	1@23	DFT_BPSK	-4.11	-0.00491	-2.5	2.5	PASS
n5	15	5	167300	12@6	DFT_QPSK	-1.44	-0.00172	-2.5	2.5	PASS
n5	15	5	167300	1@1	DFT_QPSK	-2.63	-0.00314	-2.5	2.5	PASS
n5	15	5	167300	1@23	DFT_QPSK	-1.76	-0.00210	-2.5	2.5	PASS
n5	15	5	169300	12@6	DFT_BPSK	-4.59	-0.00542	-2.5	2.5	PASS
n5	15	5	169300	1@1	DFT_BPSK	-3.41	-0.00403	-2.5	2.5	PASS
n5	15	5	169300	1@23	DFT_BPSK	-3.63	-0.00429	-2.5	2.5	PASS
n5	15	5	169300	12@6	DFT_QPSK	-3.35	-0.00396	-2.5	2.5	PASS
n5	15	5	169300	1@1	DFT_QPSK	-4.78	-0.00565	-2.5	2.5	PASS
n5	15	5	169300	1@23	DFT_QPSK	-4.52	-0.00534	-2.5	2.5	PASS
n5	15	15	166300	36@18	DFT_BPSK	-1.00	-0.00120	-2.5	2.5	PASS
n5	15	15	166300	1@1	DFT_BPSK	-3.13	-0.00376	-2.5	2.5	PASS
n5	15	15	166300	1@77	DFT_BPSK	-1.59	-0.00191	-2.5	2.5	PASS
n5	15	15	166300	36@18	DFT_QPSK	-3.60	-0.00433	-2.5	2.5	PASS
n5	15	15	166300	1@1	DFT_QPSK	-1.68	-0.00202	-2.5	2.5	PASS
n5	15	15	166300	1@77	DFT_QPSK	-2.49	-0.00299	-2.5	2.5	PASS
n5	15	15	167300	36@18	DFT_BPSK	-2.62	-0.00313	-2.5	2.5	PASS
n5	15	15	167300	1@1	DFT_BPSK	-1.81	-0.00216	-2.5	2.5	PASS
n5	15	15	167300	1@77	DFT_BPSK	-1.59	-0.00190	-2.5	2.5	PASS
n5	15	15	167300	36@18	DFT_QPSK	-3.51	-0.00420	-2.5	2.5	PASS
n5	15	15	167300	1@1	DFT_QPSK	-3.41	-0.00408	-2.5	2.5	PASS
n5	15	15	167300	1@77	DFT_QPSK	-4.50	-0.00538	-2.5	2.5	PASS
n5	15	15	168300	36@18	DFT_BPSK	-0.85	-0.00101	-2.5	2.5	PASS
n5	15	15	168300	1@1	DFT_BPSK	-0.76	-0.00090	-2.5	2.5	PASS
n5	15	15	168300	1@77	DFT_BPSK	-0.71	-0.00084	-2.5	2.5	PASS
n5	15	15	168300	36@18	DFT_QPSK	0.36	0.00043	-2.5	2.5	PASS
n5	15	15	168300	1@1	DFT_QPSK	0.10	0.00012	-2.5	2.5	PASS
n5	15	15	168300	1@77	DFT_QPSK	-2.03	-0.00241	-2.5	2.5	PASS
n5	15	20	166800	50@25	DFT_BPSK	-1.77	-0.00212	-2.5	2.5	PASS
n5	15	20	166800	1@1	DFT_BPSK	-2.50	-0.00300	-2.5	2.5	PASS

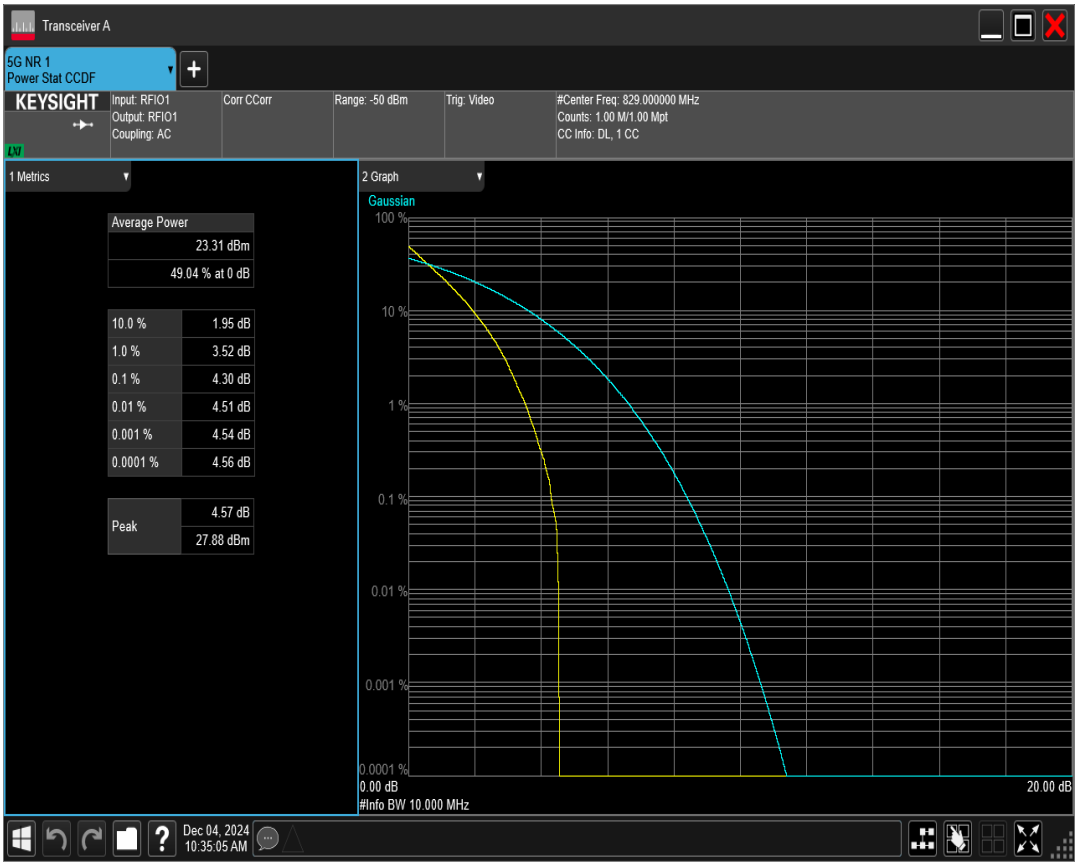
n5	15	20	166800	1@104	DFT_BPSK	-1.67	-0.00200	-2.5	2.5	PASS
n5	15	20	166800	50@25	DFT_QPSK	-2.14	-0.00257	-2.5	2.5	PASS
n5	15	20	166800	1@1	DFT_QPSK	-3.15	-0.00378	-2.5	2.5	PASS
n5	15	20	166800	1@104	DFT_QPSK	-3.27	-0.00392	-2.5	2.5	PASS
n5	15	20	167300	50@25	DFT_BPSK	-4.16	-0.00497	-2.5	2.5	PASS
n5	15	20	167300	1@1	DFT_BPSK	-2.21	-0.00264	-2.5	2.5	PASS
n5	15	20	167300	1@104	DFT_BPSK	-3.07	-0.00367	-2.5	2.5	PASS
n5	15	20	167300	50@25	DFT_QPSK	-2.68	-0.00320	-2.5	2.5	PASS
n5	15	20	167300	1@1	DFT_QPSK	-1.98	-0.00237	-2.5	2.5	PASS
n5	15	20	167300	1@104	DFT_QPSK	-3.52	-0.00421	-2.5	2.5	PASS
n5	15	20	167800	50@25	DFT_BPSK	-2.31	-0.00275	-2.5	2.5	PASS
n5	15	20	167800	1@1	DFT_BPSK	-3.16	-0.00377	-2.5	2.5	PASS
n5	15	20	167800	1@104	DFT_BPSK	-2.05	-0.00244	-2.5	2.5	PASS
n5	15	20	167800	50@25	DFT_QPSK	-1.78	-0.00212	-2.5	2.5	PASS
n5	15	20	167800	1@1	DFT_QPSK	-2.64	-0.00315	-2.5	2.5	PASS
n5	15	20	167800	1@104	DFT_QPSK	-3.66	-0.00436	-2.5	2.5	PASS

3 Peak-to-Average Ratio for NR FR1

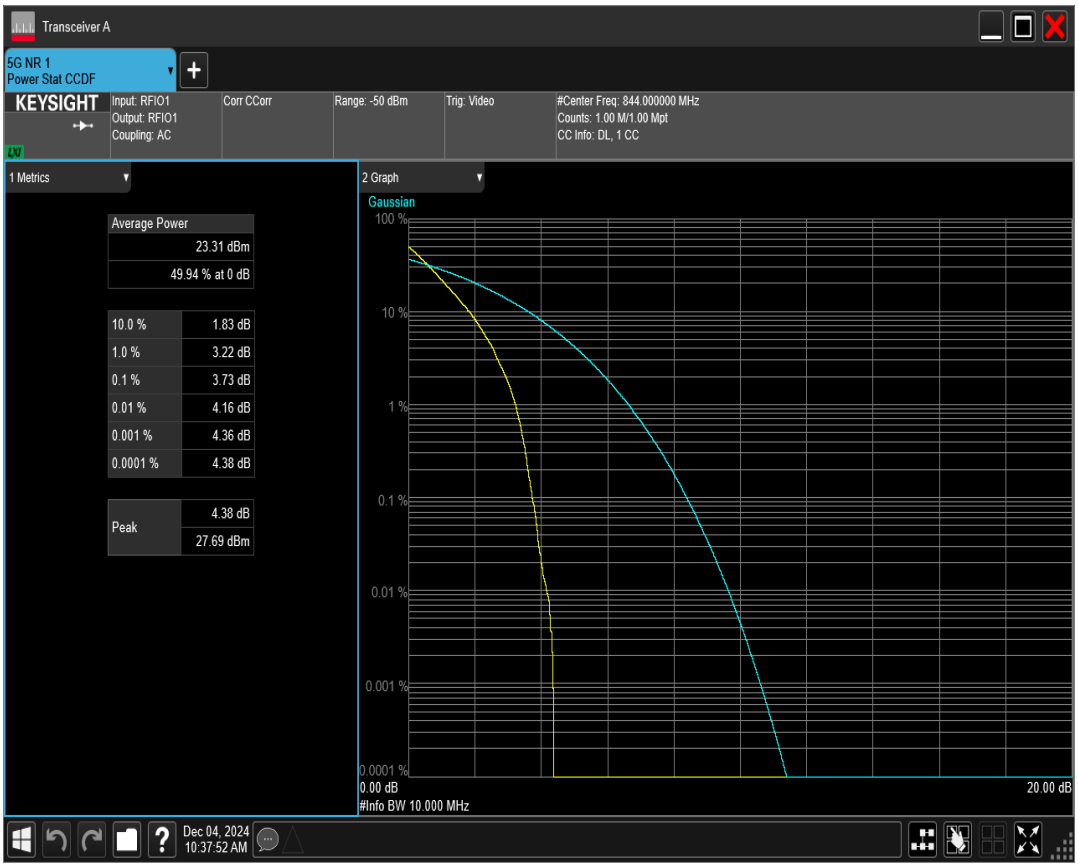
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n5	15	5	165300	25@0	DFT_BPSK	4.46	13	PASS
n5	15	5	165300	25@0	DFT_QPSK	4.78	13	PASS
n5	15	5	165300	25@0	DFT_QAM16	5.55	13	PASS
n5	15	5	165300	25@0	DFT_QAM64	5.90	13	PASS
n5	15	5	165300	25@0	DFT_QAM256	6.63	13	PASS
n5	15	5	167300	25@0	DFT_BPSK	4.33	13	PASS
n5	15	5	167300	25@0	DFT_QPSK	4.89	13	PASS
n5	15	5	167300	25@0	DFT_QAM16	5.59	13	PASS
n5	15	5	167300	25@0	DFT_QAM64	6.06	13	PASS
n5	15	5	167300	25@0	DFT_QAM256	6.57	13	PASS
n5	15	5	169300	25@0	DFT_BPSK	3.46	13	PASS
n5	15	5	169300	25@0	DFT_QPSK	4.44	13	PASS
n5	15	5	169300	25@0	DFT_QAM16	5.07	13	PASS
n5	15	5	169300	25@0	DFT_QAM64	5.64	13	PASS
n5	15	5	169300	25@0	DFT_QAM256	6.18	13	PASS
n5	15	10	165800	50@0	DFT_BPSK	4.30	13	PASS
n5	15	10	165800	50@0	DFT_QPSK	4.78	13	PASS
n5	15	10	165800	50@0	DFT_QAM16	5.53	13	PASS
n5	15	10	165800	50@0	DFT_QAM64	5.84	13	PASS
n5	15	10	165800	50@0	DFT_QAM256	6.49	13	PASS
n5	15	10	167300	50@0	DFT_BPSK	4.22	13	PASS
n5	15	10	167300	50@0	DFT_QPSK	4.89	13	PASS
n5	15	10	167300	50@0	DFT_QAM16	5.70	13	PASS
n5	15	10	167300	50@0	DFT_QAM64	5.98	13	PASS
n5	15	10	167300	50@0	DFT_QAM256	6.69	13	PASS
n5	15	10	168800	50@0	DFT_BPSK	3.73	13	PASS
n5	15	10	168800	50@0	DFT_QPSK	4.60	13	PASS
n5	15	10	168800	50@0	DFT_QAM16	5.50	13	PASS
n5	15	10	168800	50@0	DFT_QAM64	5.74	13	PASS
n5	15	10	168800	50@0	DFT_QAM256	6.34	13	PASS
n5	15	15	166300	75@0	DFT_BPSK	4.01	13	PASS
n5	15	15	166300	75@0	DFT_QPSK	4.91	13	PASS
n5	15	15	166300	75@0	DFT_QAM16	5.82	13	PASS
n5	15	15	166300	75@0	DFT_QAM64	6.03	13	PASS
n5	15	15	166300	75@0	DFT_QAM256	6.70	13	PASS
n5	15	15	167300	75@0	DFT_BPSK	4.36	13	PASS
n5	15	15	167300	75@0	DFT_QPSK	4.90	13	PASS
n5	15	15	167300	75@0	DFT_QAM16	5.73	13	PASS
n5	15	15	167300	75@0	DFT_QAM64	6.07	13	PASS
n5	15	15	167300	75@0	DFT_QAM256	6.56	13	PASS

n5	15	15	168300	75@0	DFT_BPSK	3.88	13	PASS
n5	15	15	168300	75@0	DFT_QPSK	4.82	13	PASS
n5	15	15	168300	75@0	DFT_QAM16	5.77	13	PASS
n5	15	15	168300	75@0	DFT_QAM64	6.03	13	PASS
n5	15	15	168300	75@0	DFT_QAM256	6.46	13	PASS
n5	15	20	166800	100@0	DFT_BPSK	4.78	13	PASS
n5	15	20	166800	100@0	DFT_QPSK	5.42	13	PASS
n5	15	20	166800	100@0	DFT_QAM16	5.90	13	PASS
n5	15	20	166800	100@0	DFT_QAM64	6.17	13	PASS
n5	15	20	166800	100@0	DFT_QAM256	6.64	13	PASS
n5	15	20	167300	100@0	DFT_BPSK	4.08	13	PASS
n5	15	20	167300	100@0	DFT_QPSK	5.03	13	PASS
n5	15	20	167300	100@0	DFT_QAM16	5.84	13	PASS
n5	15	20	167300	100@0	DFT_QAM64	6.05	13	PASS
n5	15	20	167300	100@0	DFT_QAM256	6.54	13	PASS
n5	15	20	167800	100@0	DFT_BPSK	4.46	13	PASS
n5	15	20	167800	100@0	DFT_QPSK	5.00	13	PASS
n5	15	20	167800	100@0	DFT_QAM16	5.81	13	PASS
n5	15	20	167800	100@0	DFT_QAM64	6.10	13	PASS
n5	15	20	167800	100@0	DFT_QAM256	6.51	13	PASS

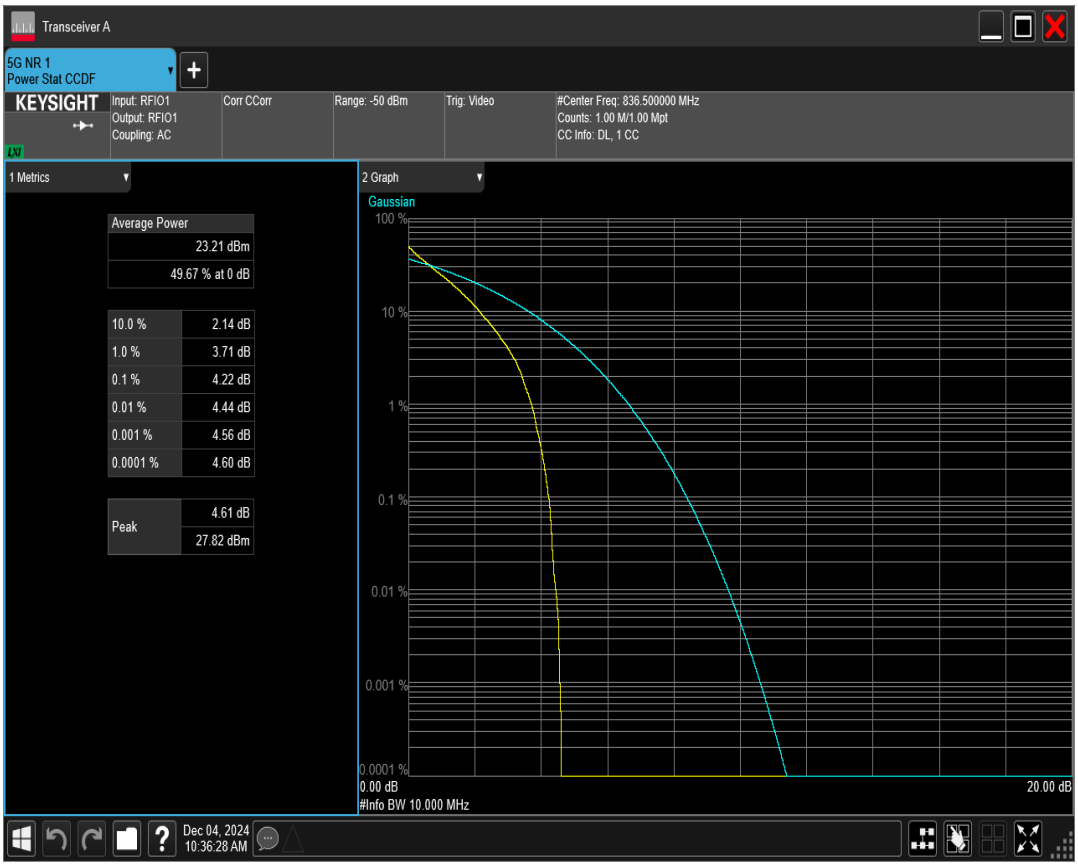
n5 SCS=15kHz DFT_BPSK BW=10MHz Channel=165800 RB=50@0



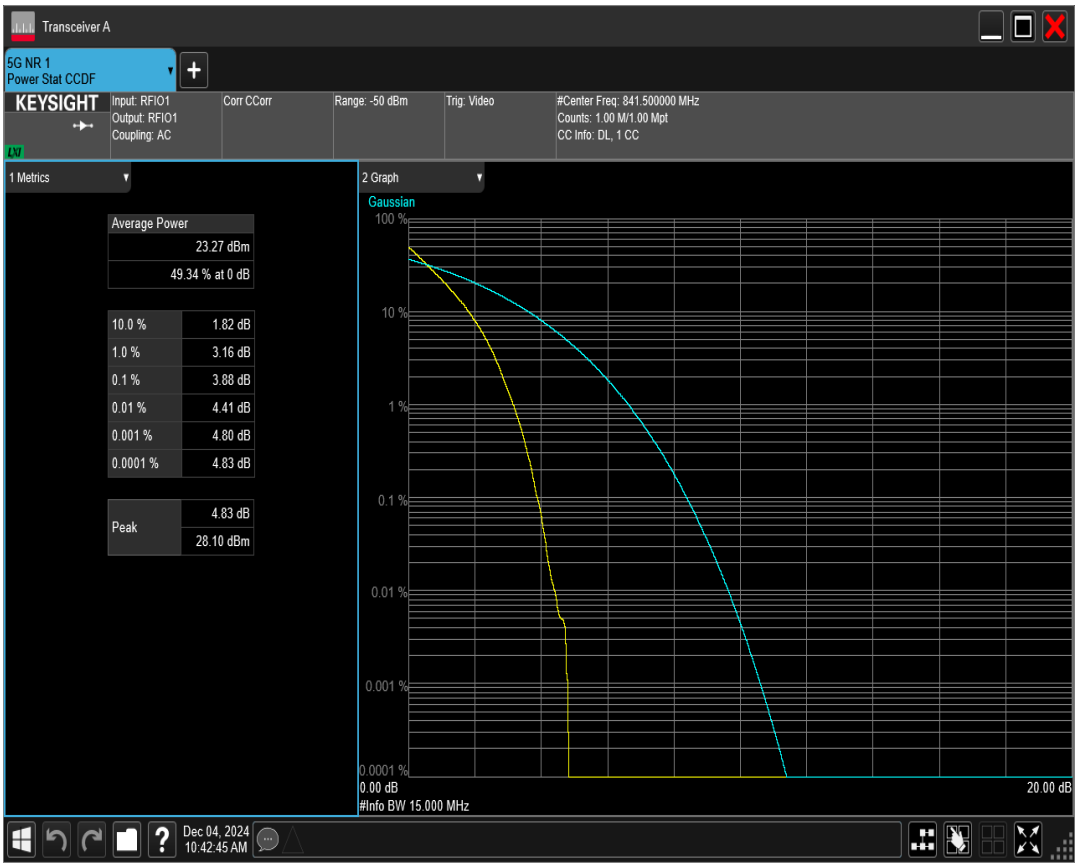
n5 SCS=15kHz DFT_BPSK BW=10MHz Channel=168800 RB=50@0



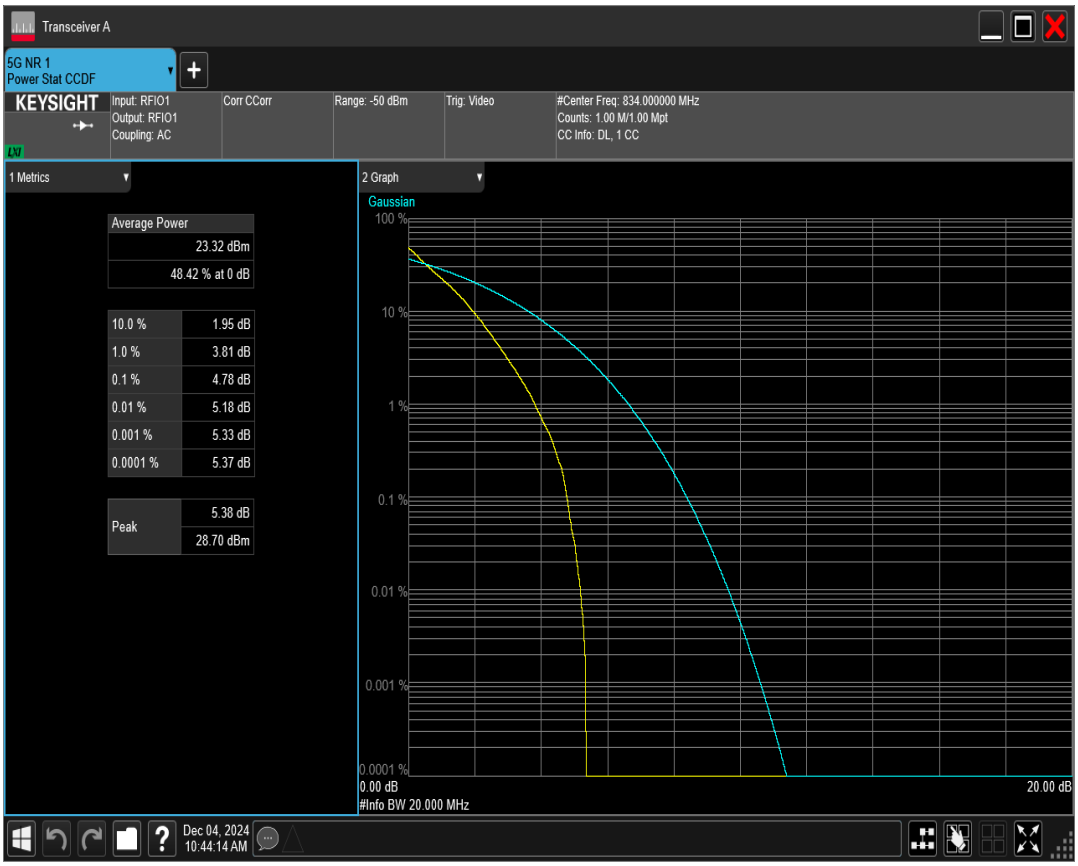
n5 SCS=15kHz DFT_BPSK BW=10MHz Channel=167300 RB=50@0



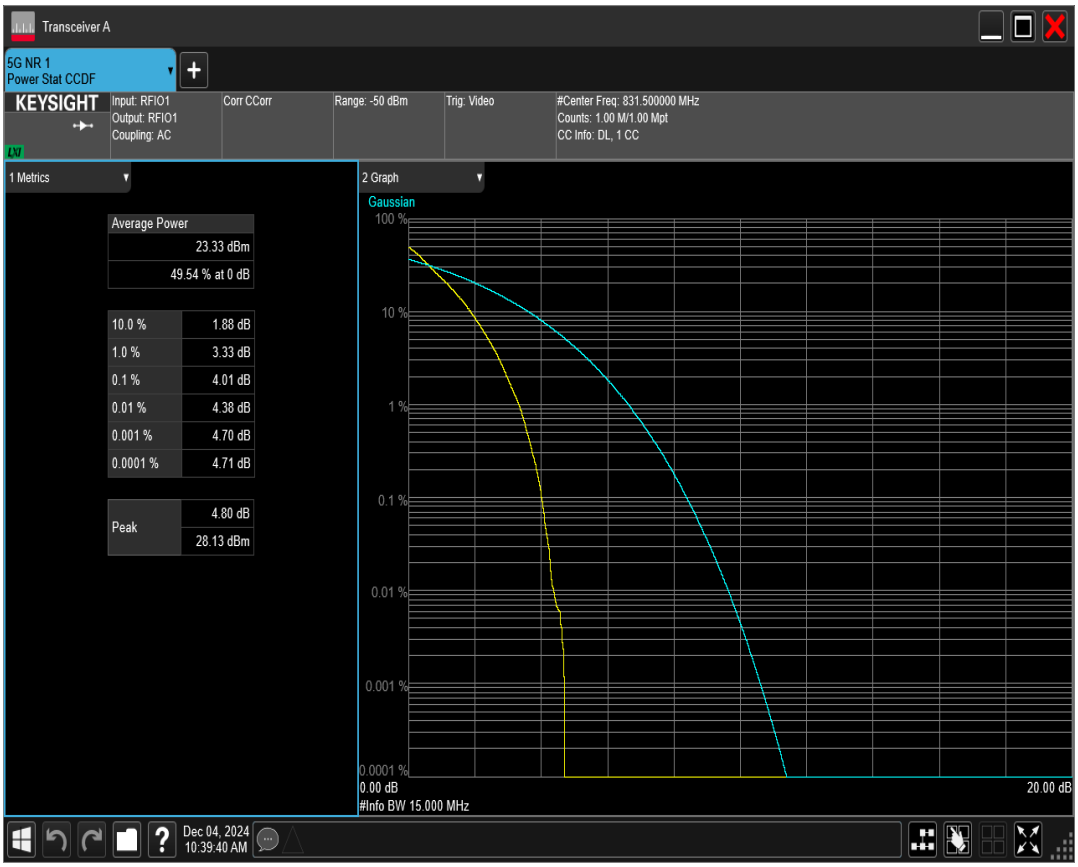
n5 SCS=15kHz DFT_BPSK BW=15MHz Channel=168300 RB=75@0



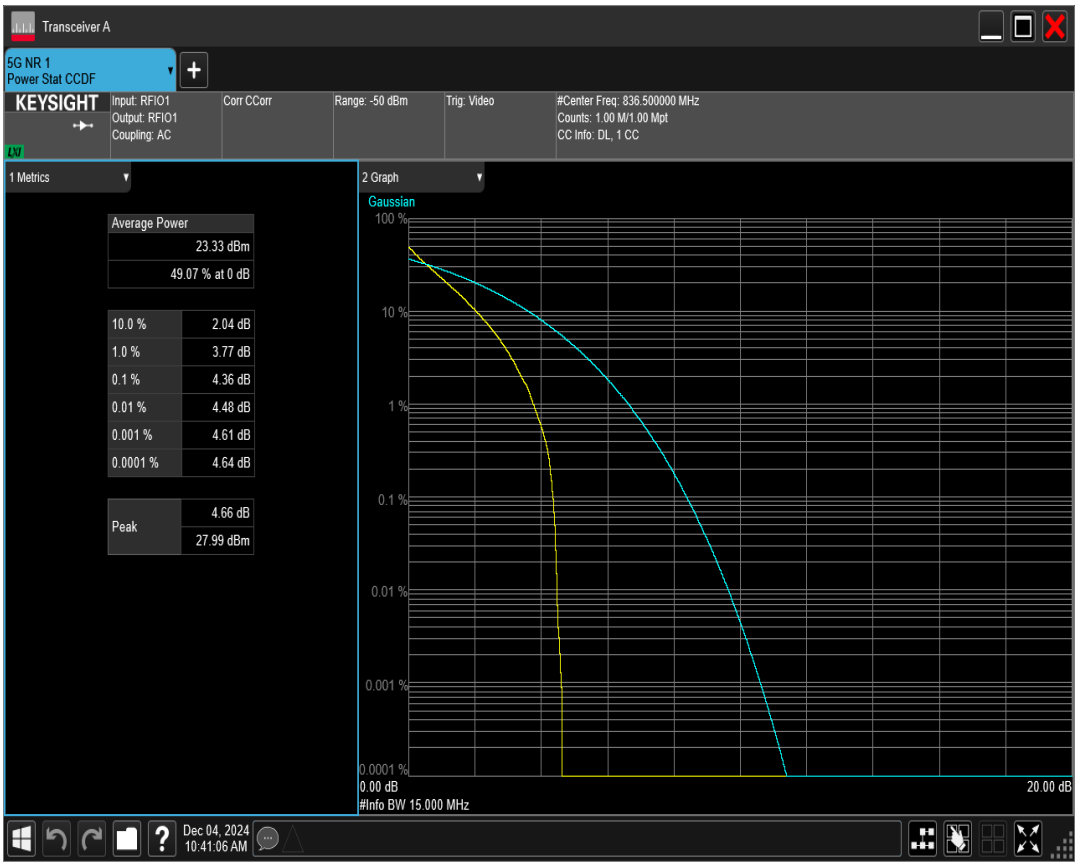
n5 SCS=15kHz DFT_BPSK BW=20MHz Channel=166800 RB=100@0



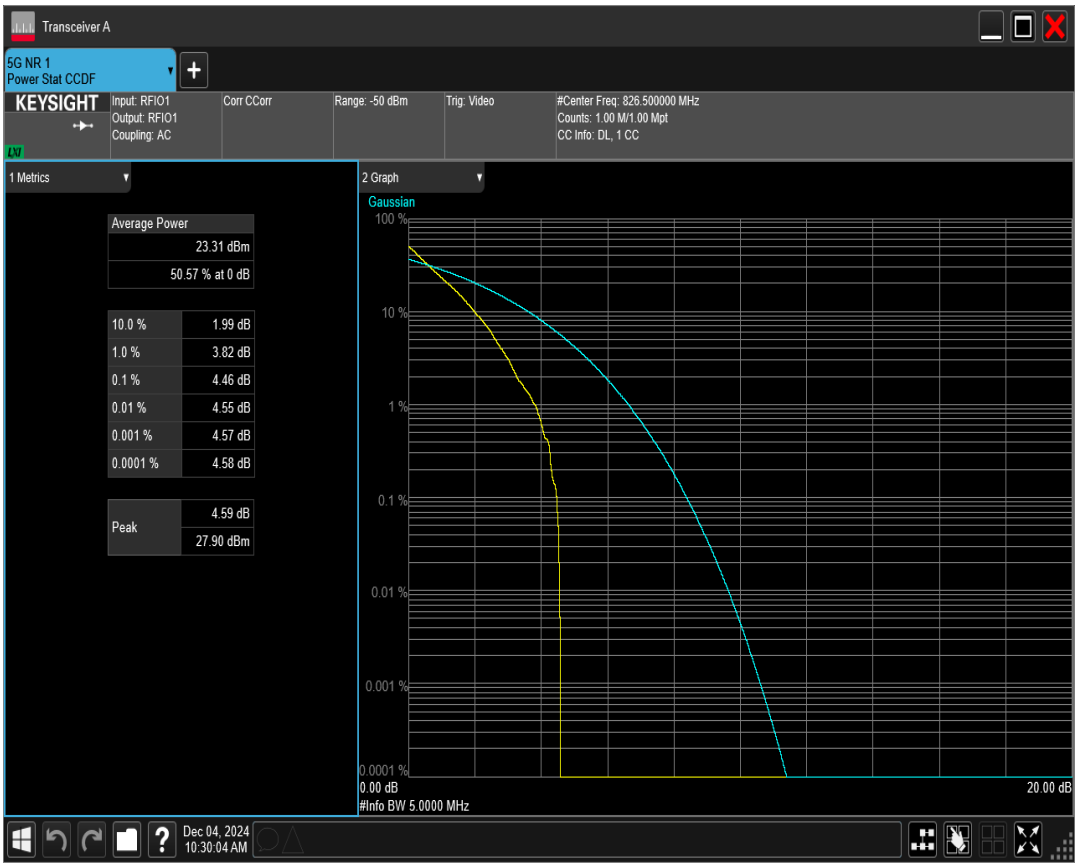
n5 SCS=15kHz DFT_BPSK BW=15MHz Channel=166300 RB=75@0



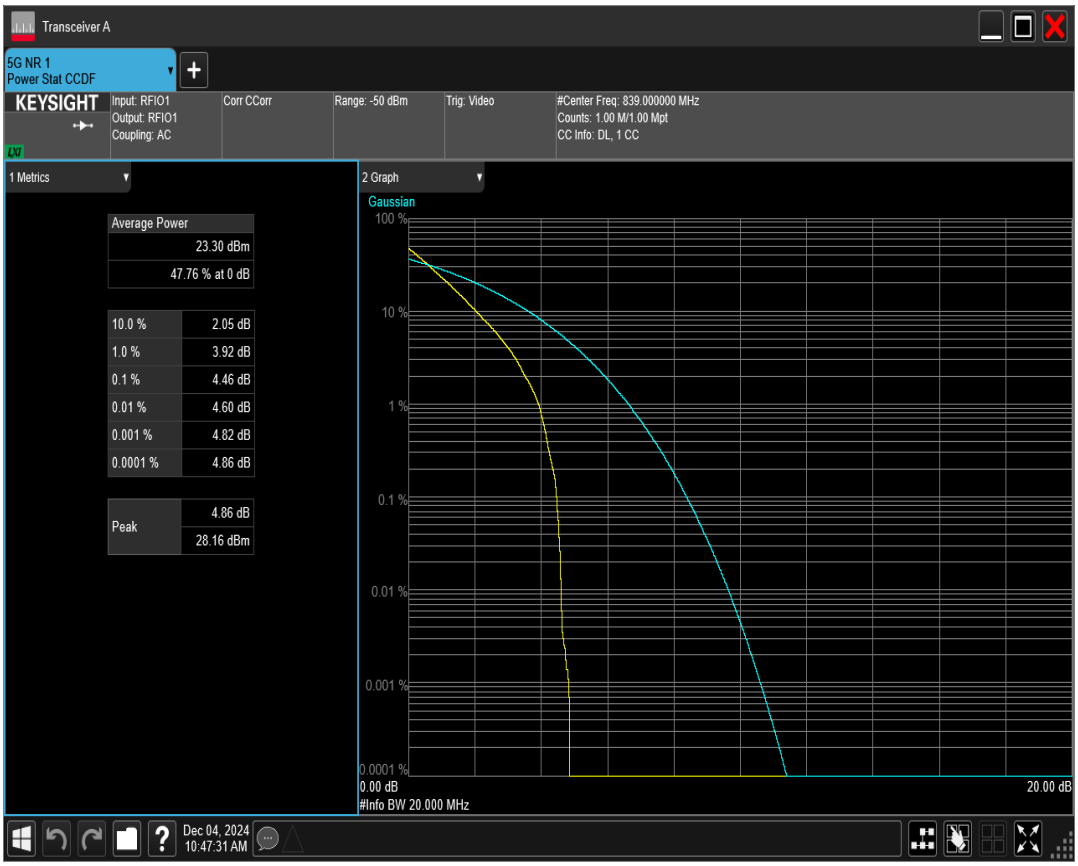
n5 SCS=15kHz DFT_BPSK BW=15MHz Channel=167300 RB=75@0



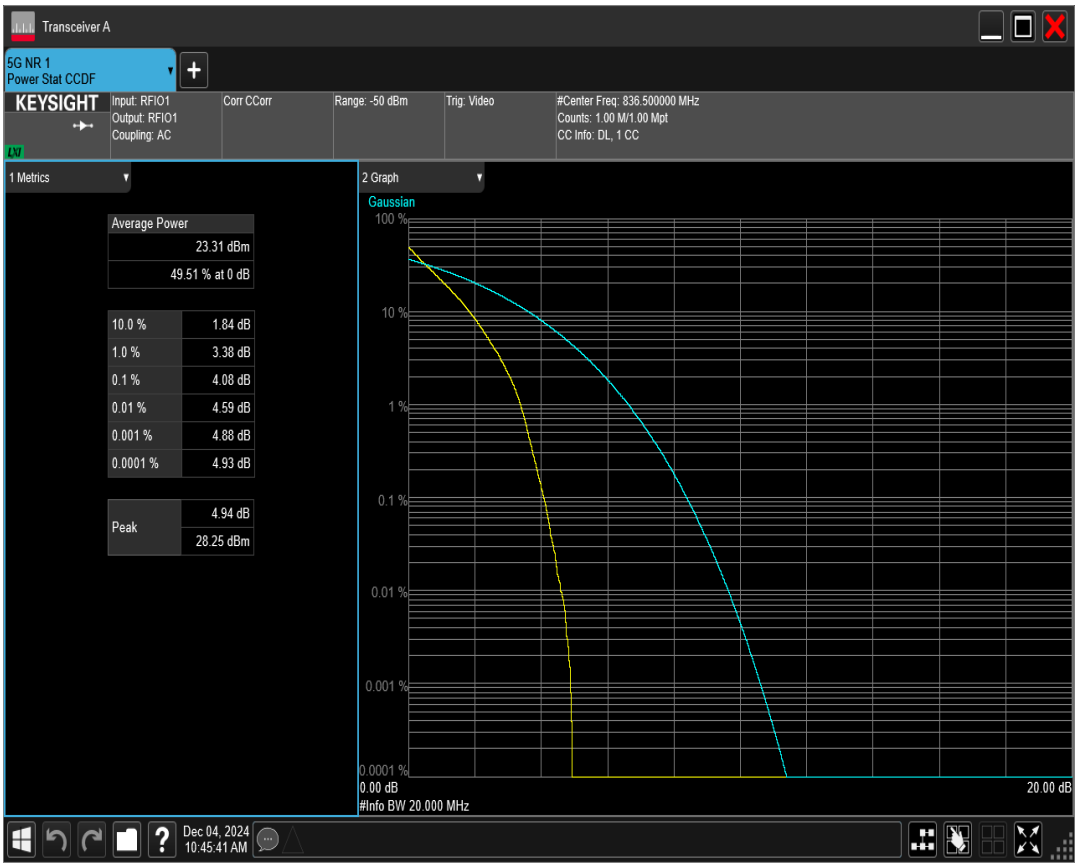
n5 SCS=15kHz DFT_BPSK BW=5MHz Channel=165300 RB=25@0



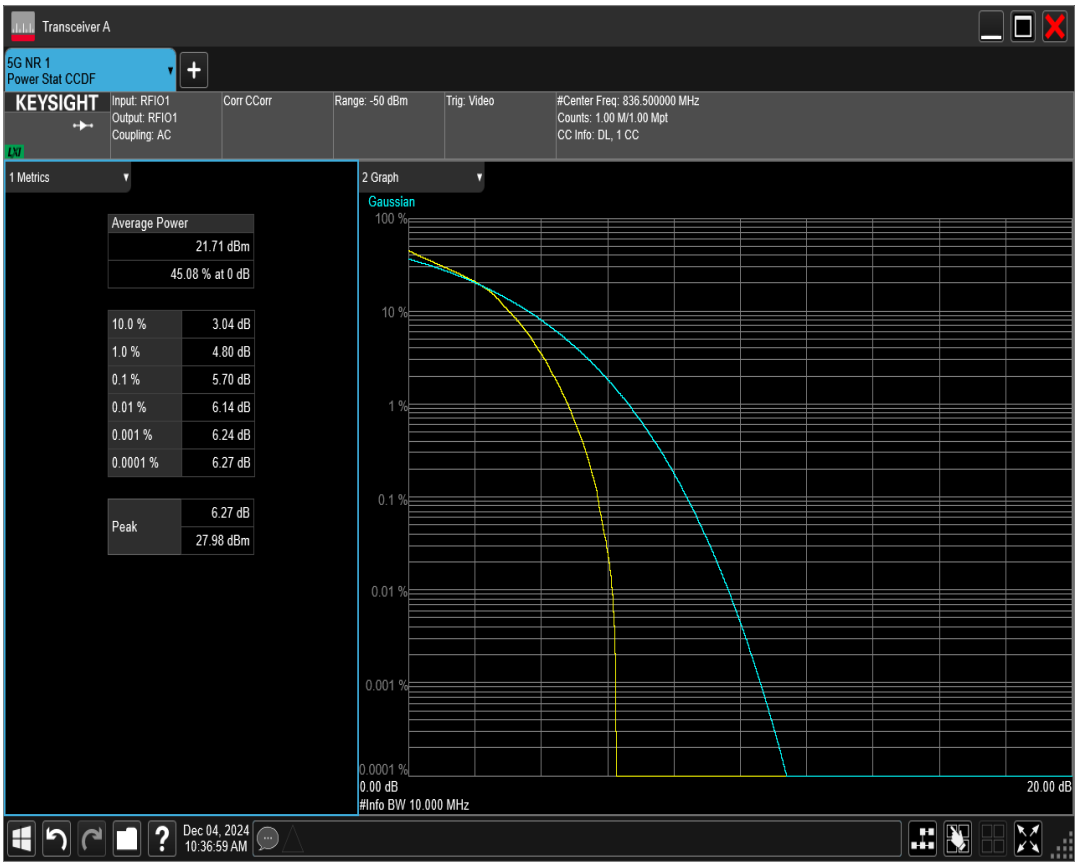
n5 SCS=15kHz DFT_BPSK BW=20MHz Channel=167800 RB=100@0



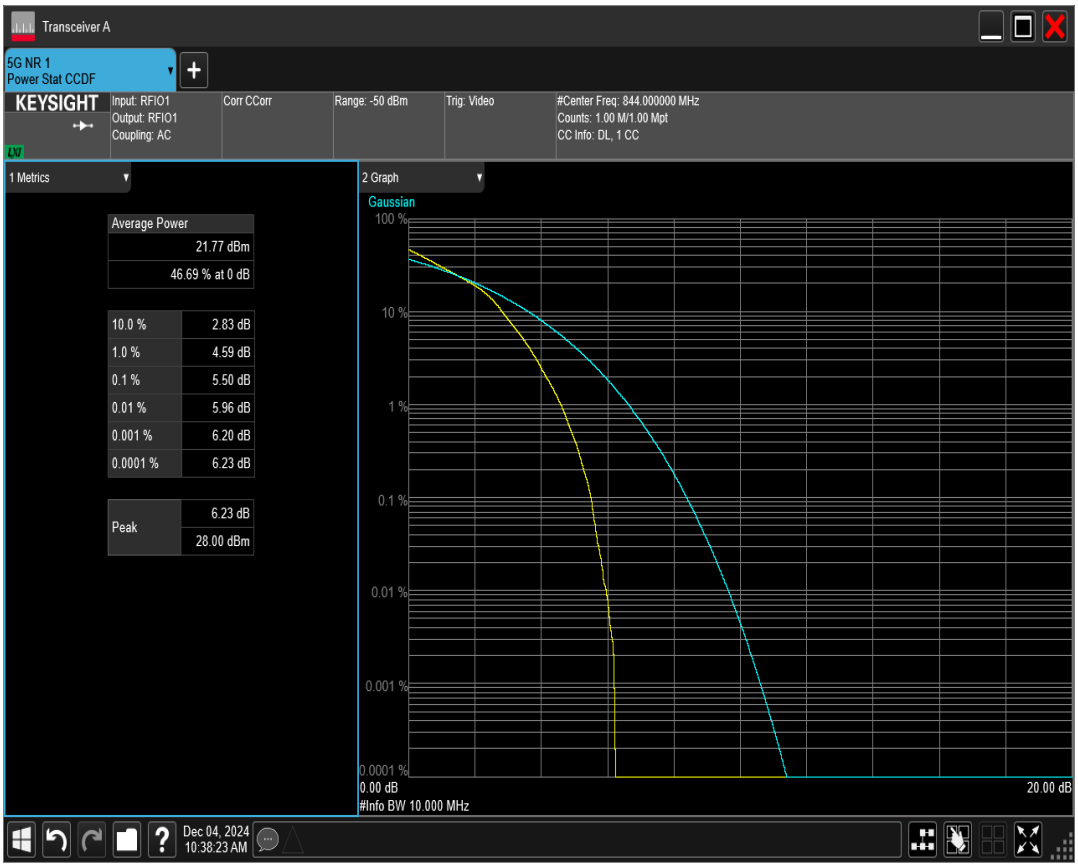
n5 SCS=15kHz DFT_BPSK BW=20MHz Channel=167300 RB=100@0



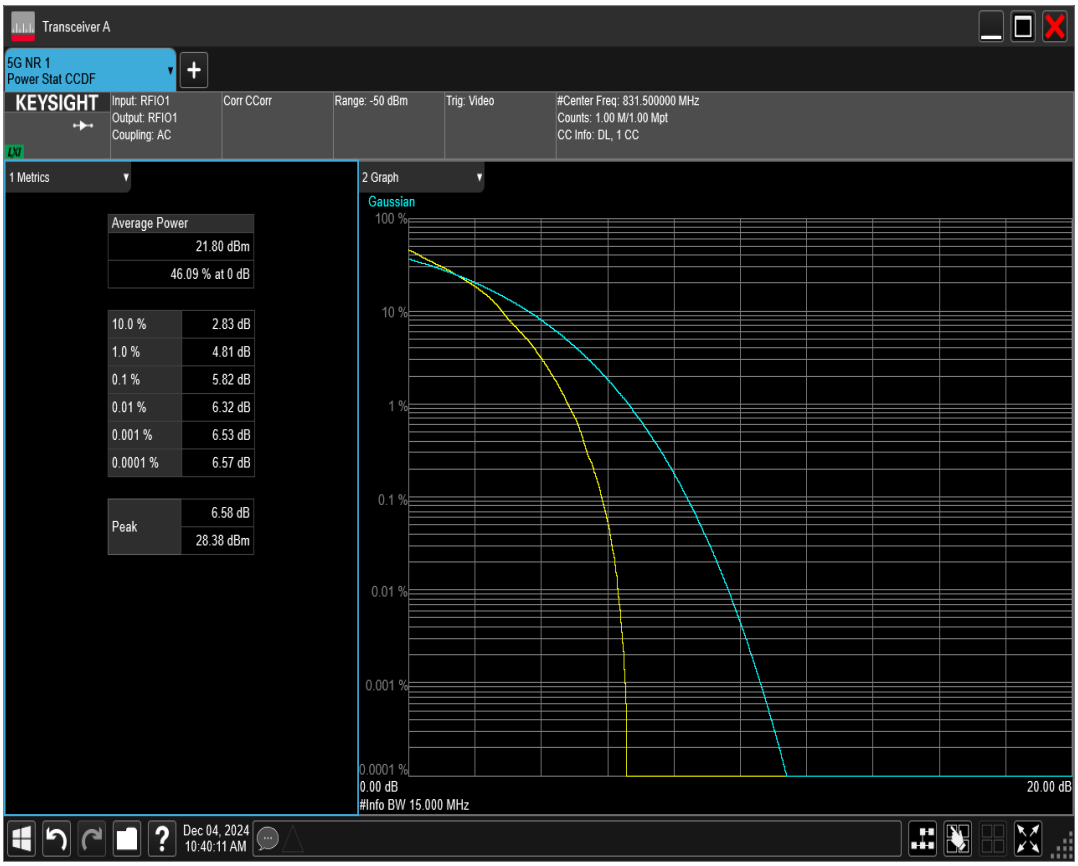
n5 SCS=15kHz DFT_QAM16 BW=10MHz Channel=167300 RB=50@0



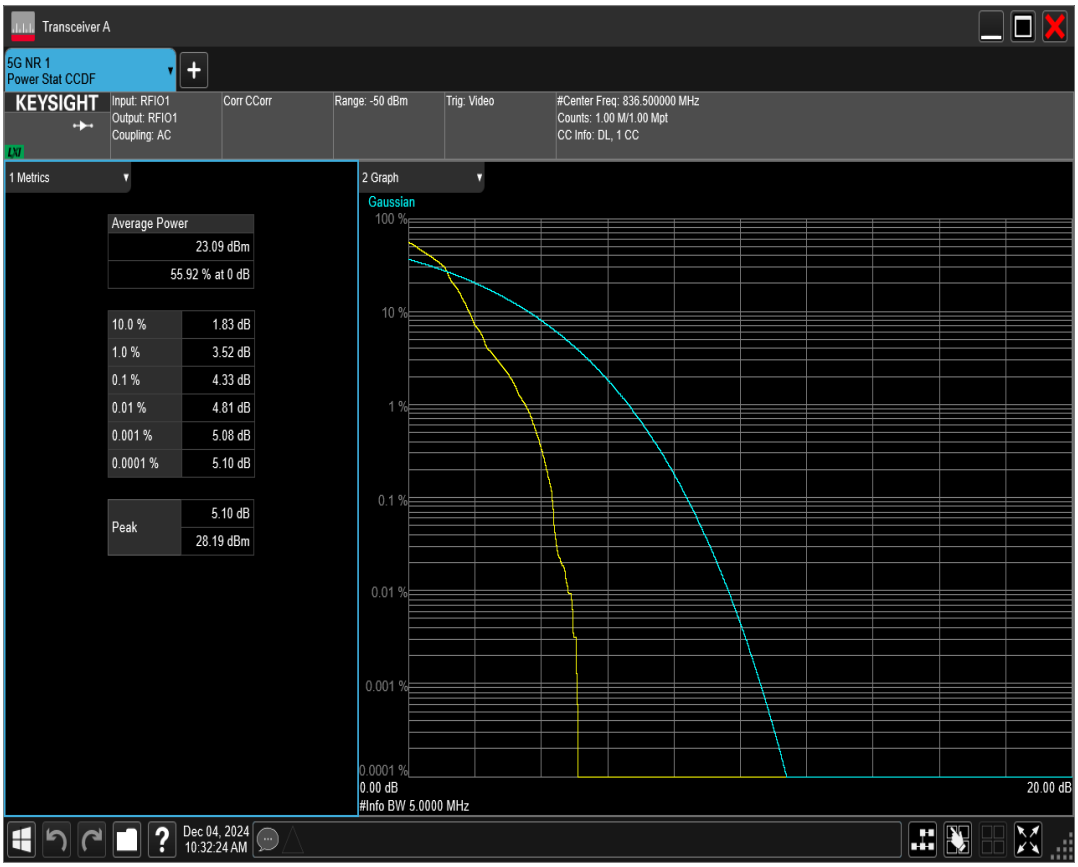
n5 SCS=15kHz DFT_QAM16 BW=10MHz Channel=168800 RB=50@0



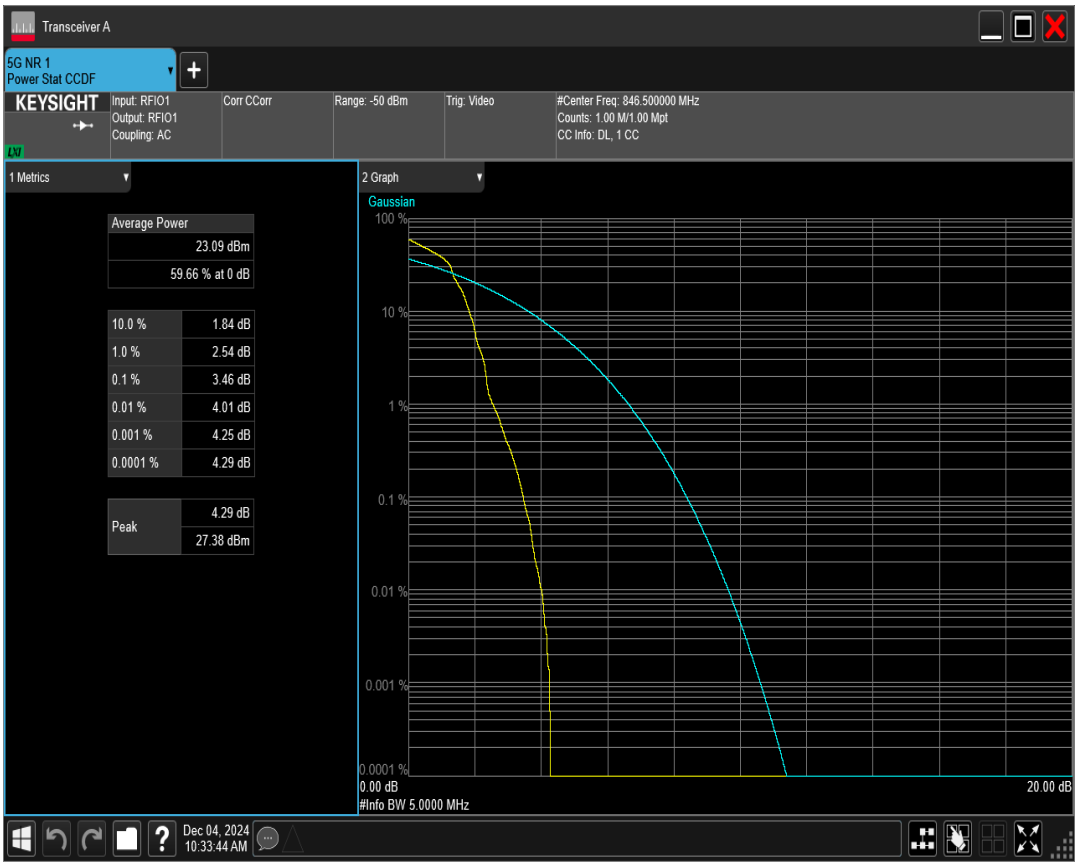
n5 SCS=15kHz DFT_QAM16 BW=15MHz Channel=166300 RB=75@0



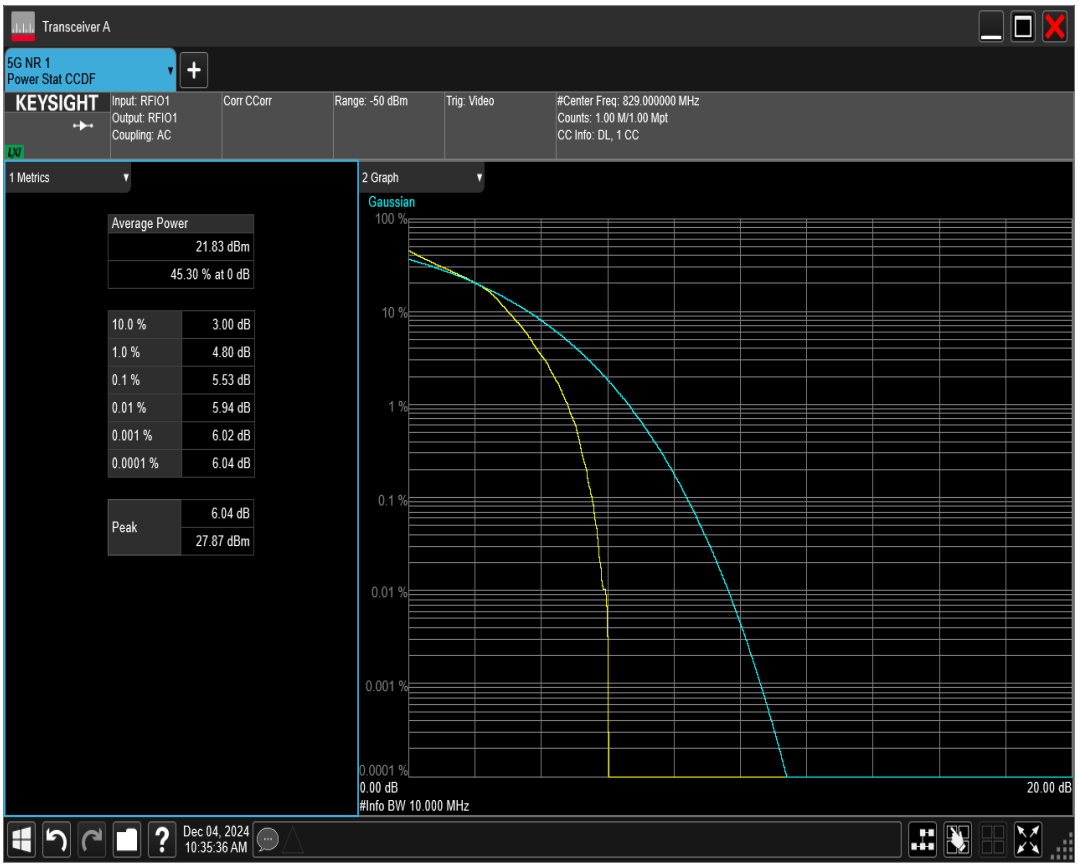
n5 SCS=15kHz DFT_BPSK BW=5MHz Channel=167300 RB=25@0



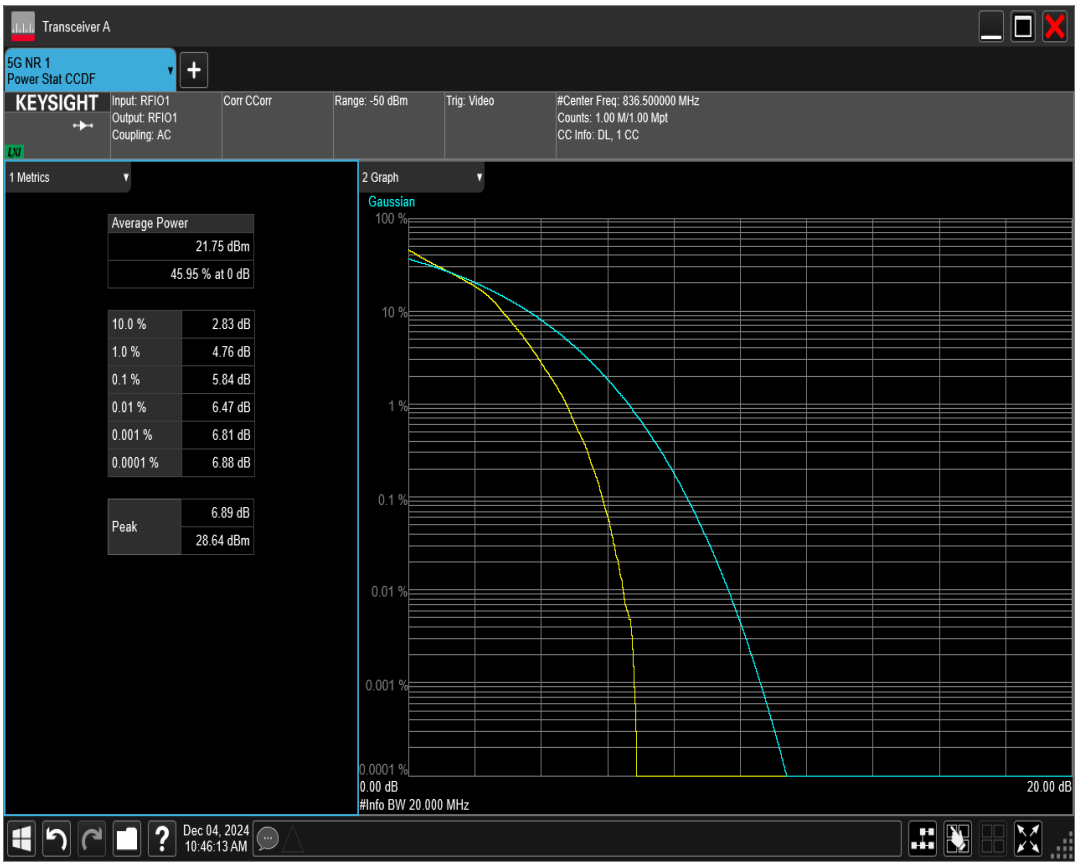
n5 SCS=15kHz DFT_BPSK BW=5MHz Channel=169300 RB=25@0



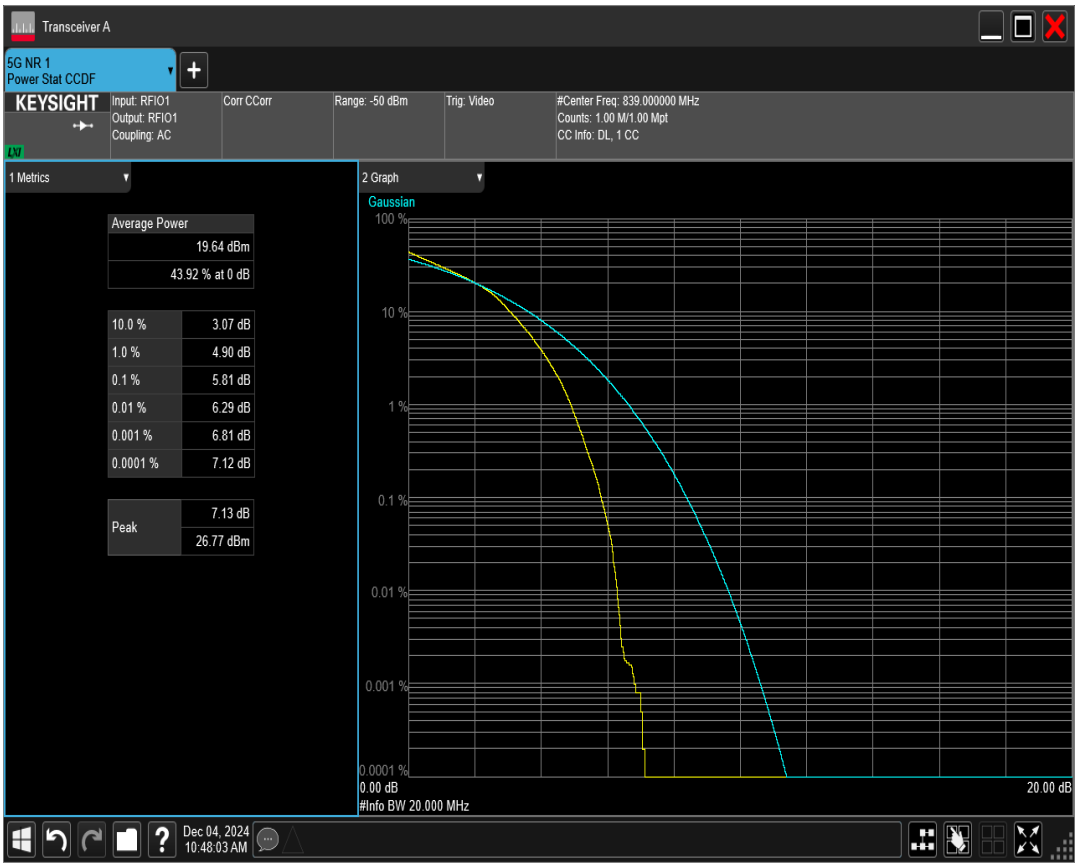
n5 SCS=15kHz DFT_QAM16 BW=10MHz Channel=165800 RB=50@0



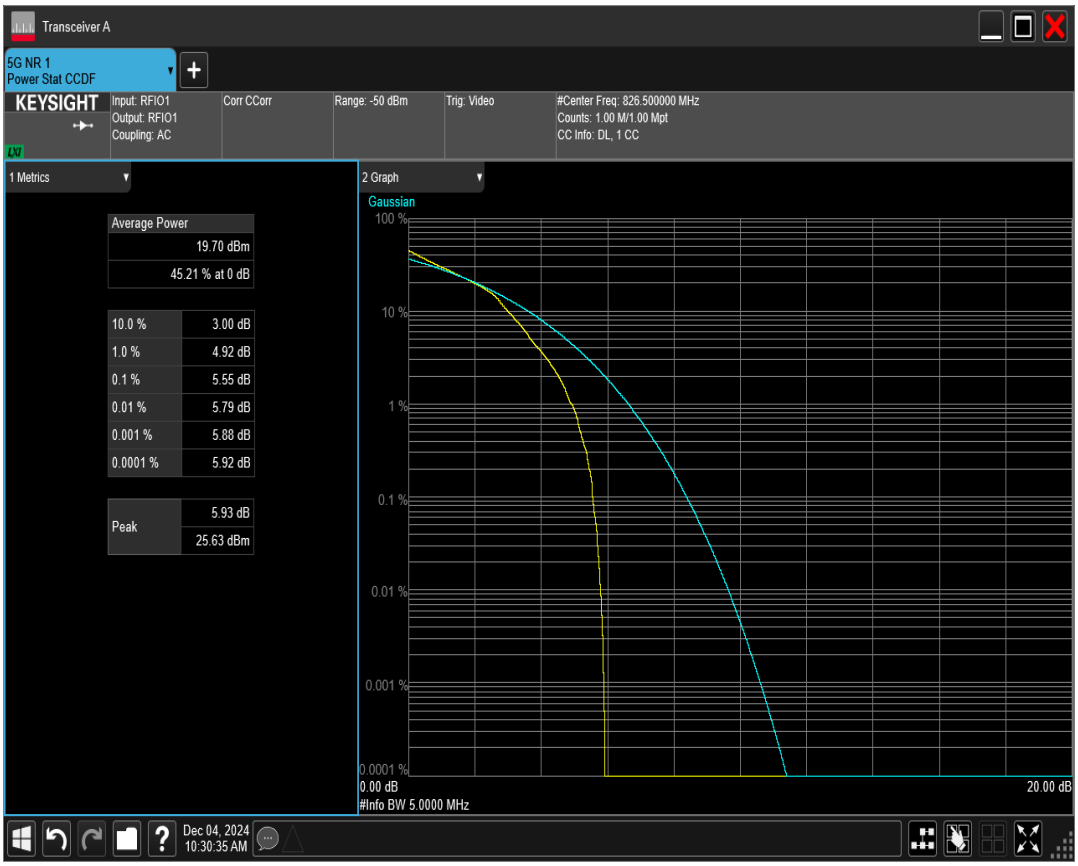
n5 SCS=15kHz DFT_QAM16 BW=20MHz Channel=167300 RB=100@0



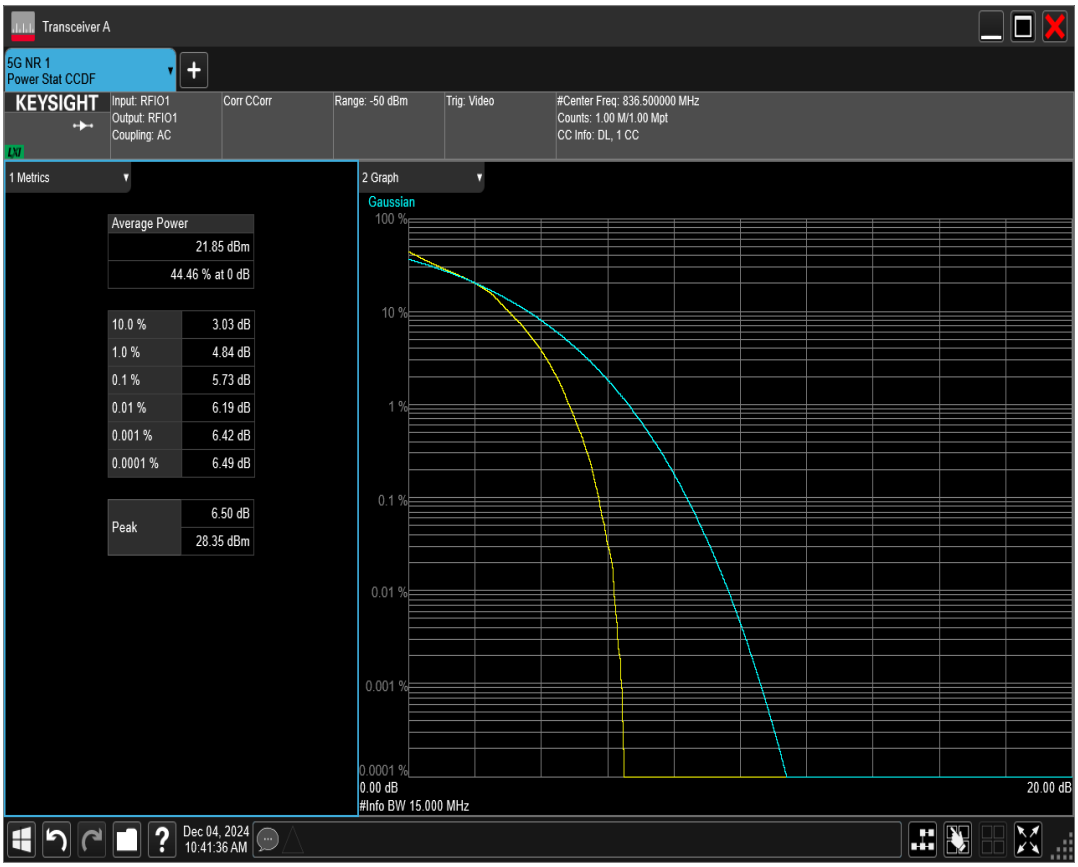
n5 SCS=15kHz DFT_QAM16 BW=20MHz Channel=167800 RB=100@0



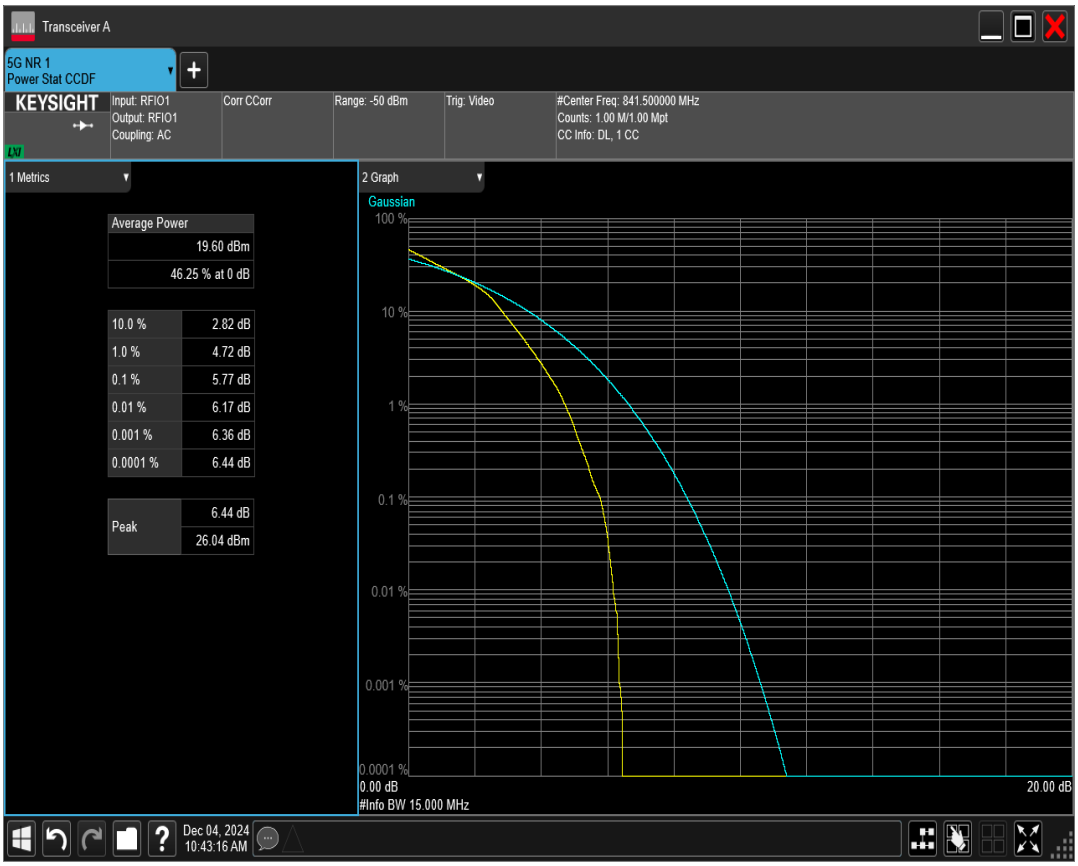
n5 SCS=15kHz DFT_QAM16 BW=5MHz Channel=165300 RB=25@0



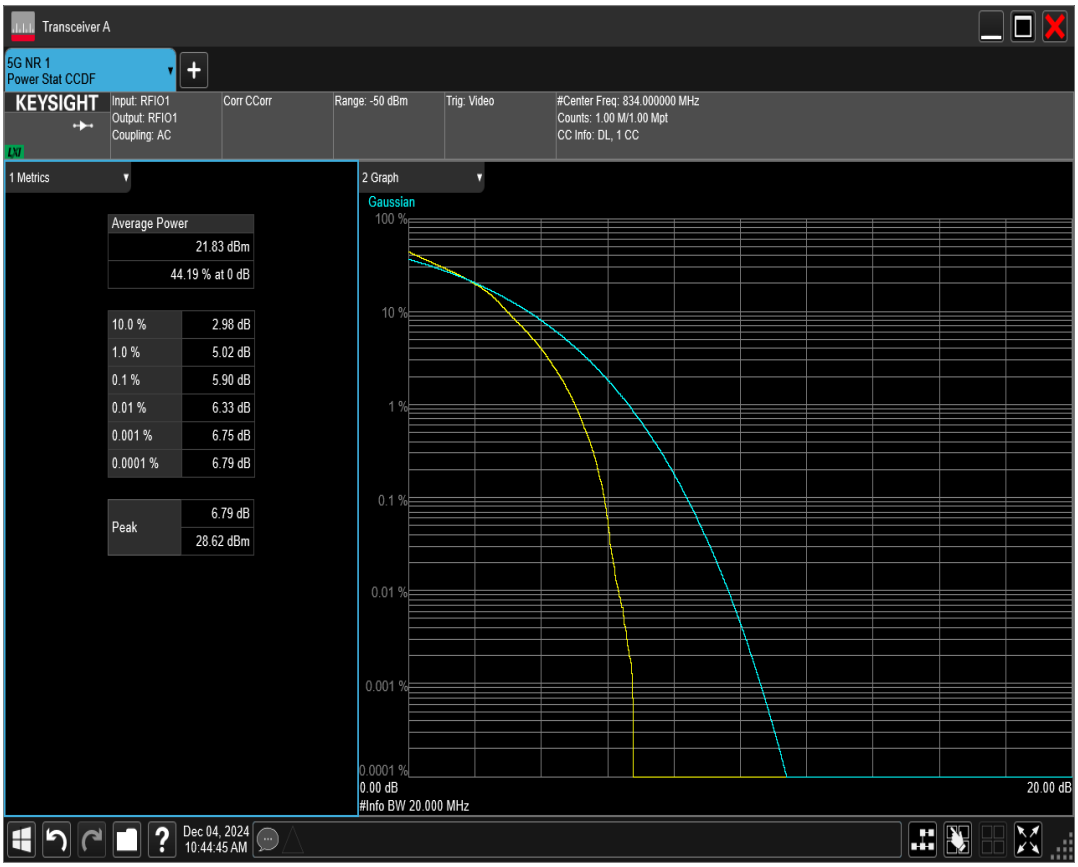
n5 SCS=15kHz DFT_QAM16 BW=15MHz Channel=167300 RB=75@0



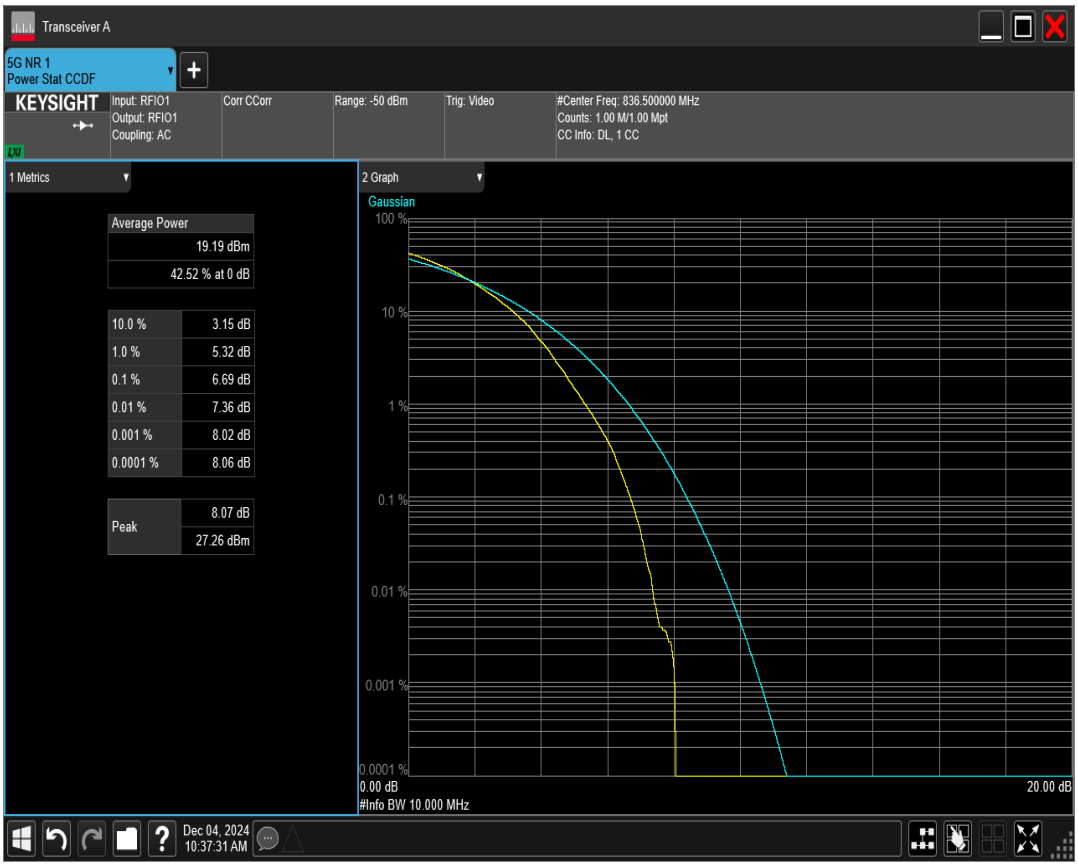
n5 SCS=15kHz DFT_QAM16 BW=15MHz Channel=168300 RB=75@0



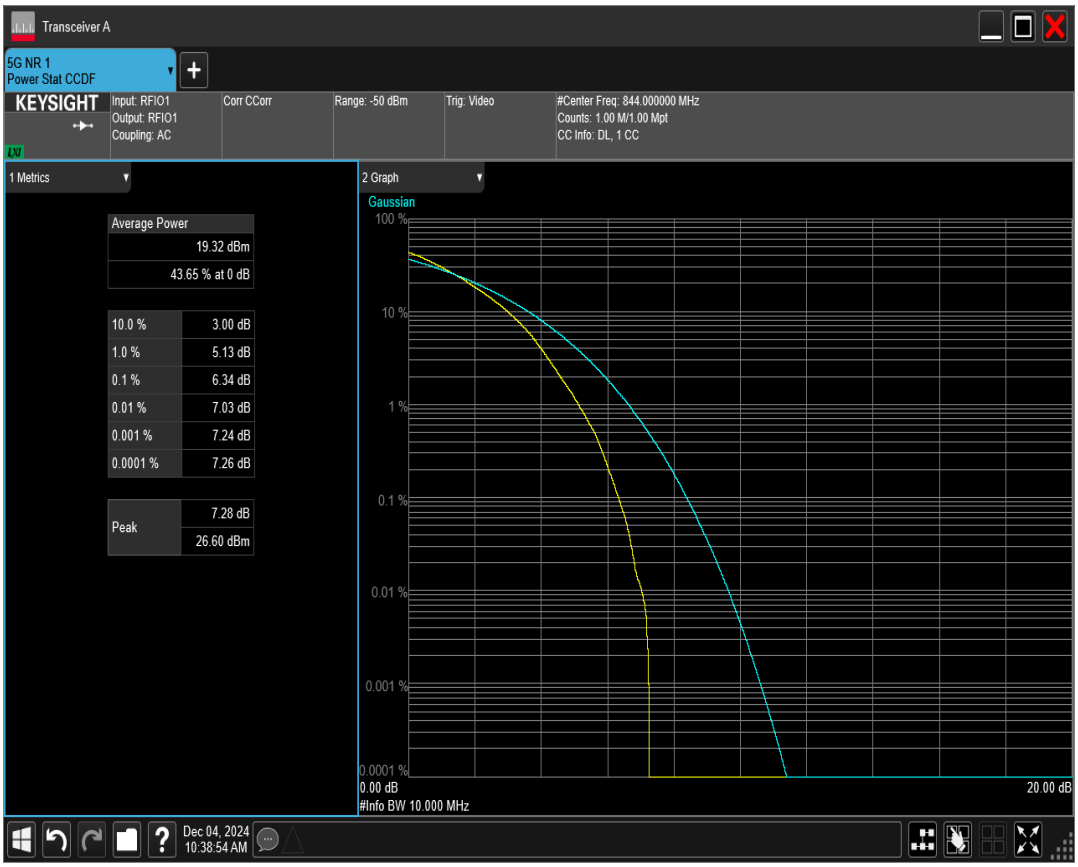
n5 SCS=15kHz DFT_QAM16 BW=20MHz Channel=166800 RB=100@0



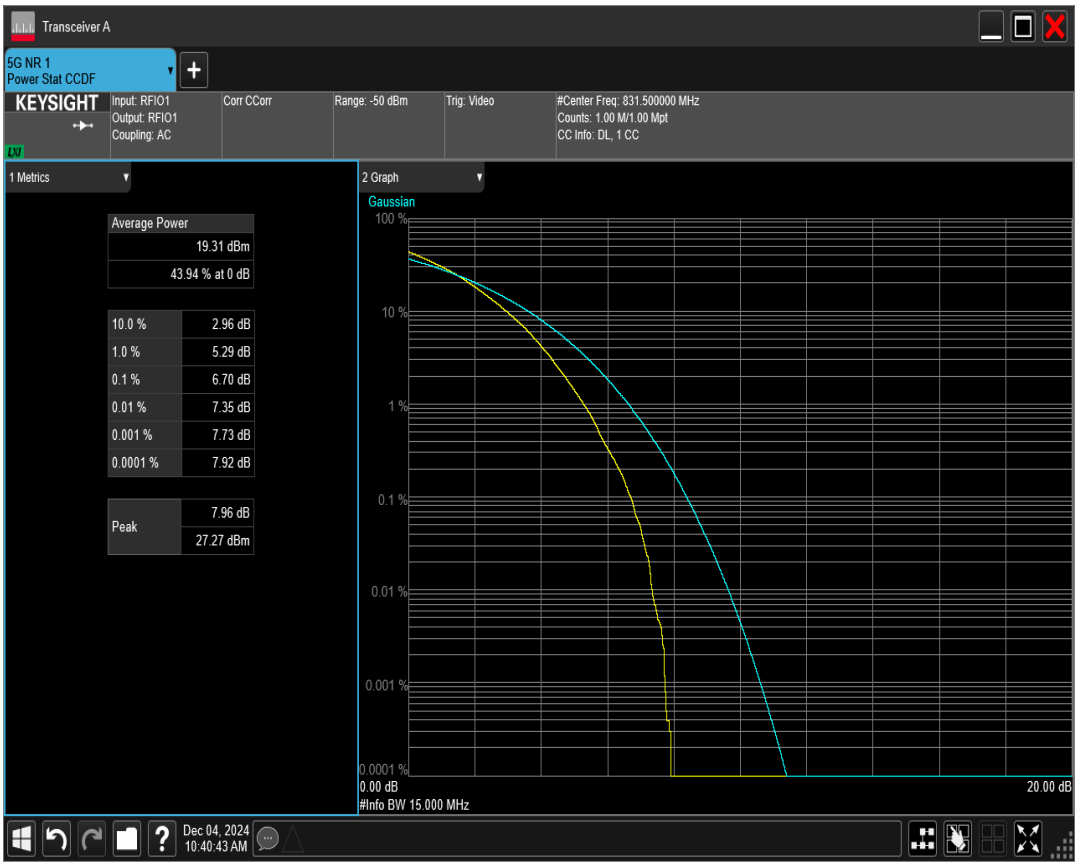
n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=167300 RB=50@0



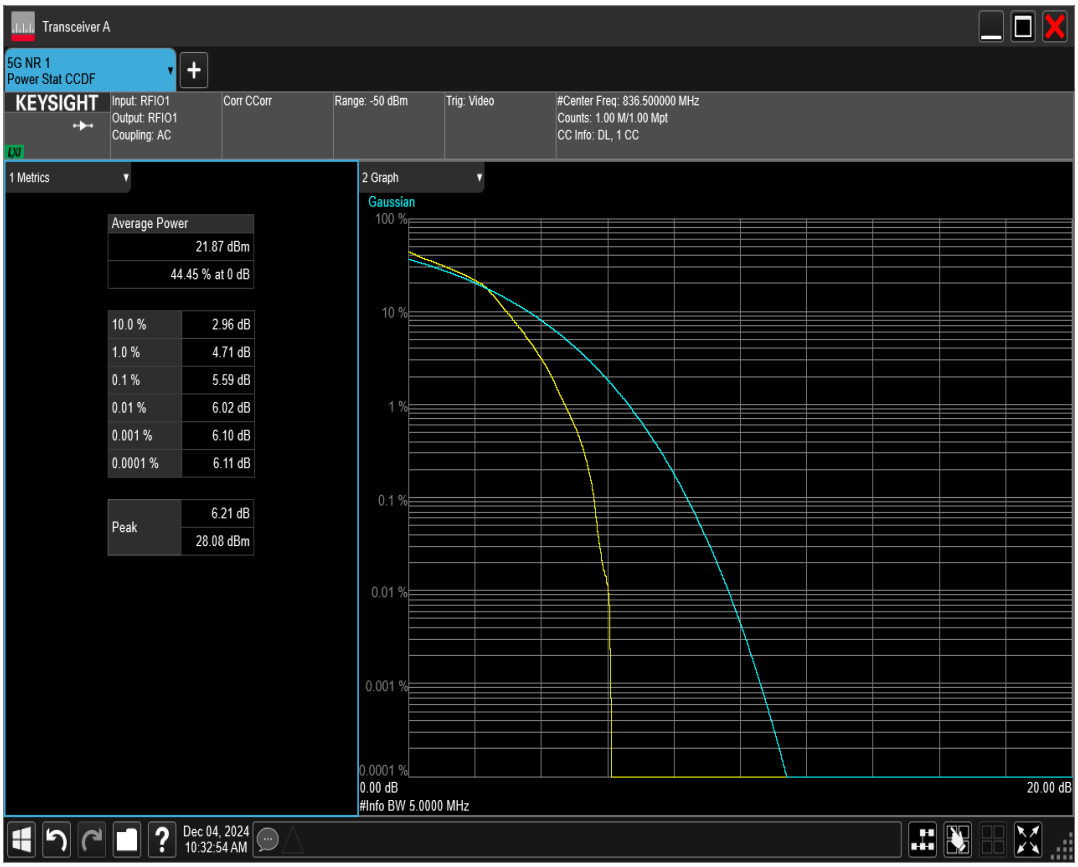
n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=168800 RB=50@0



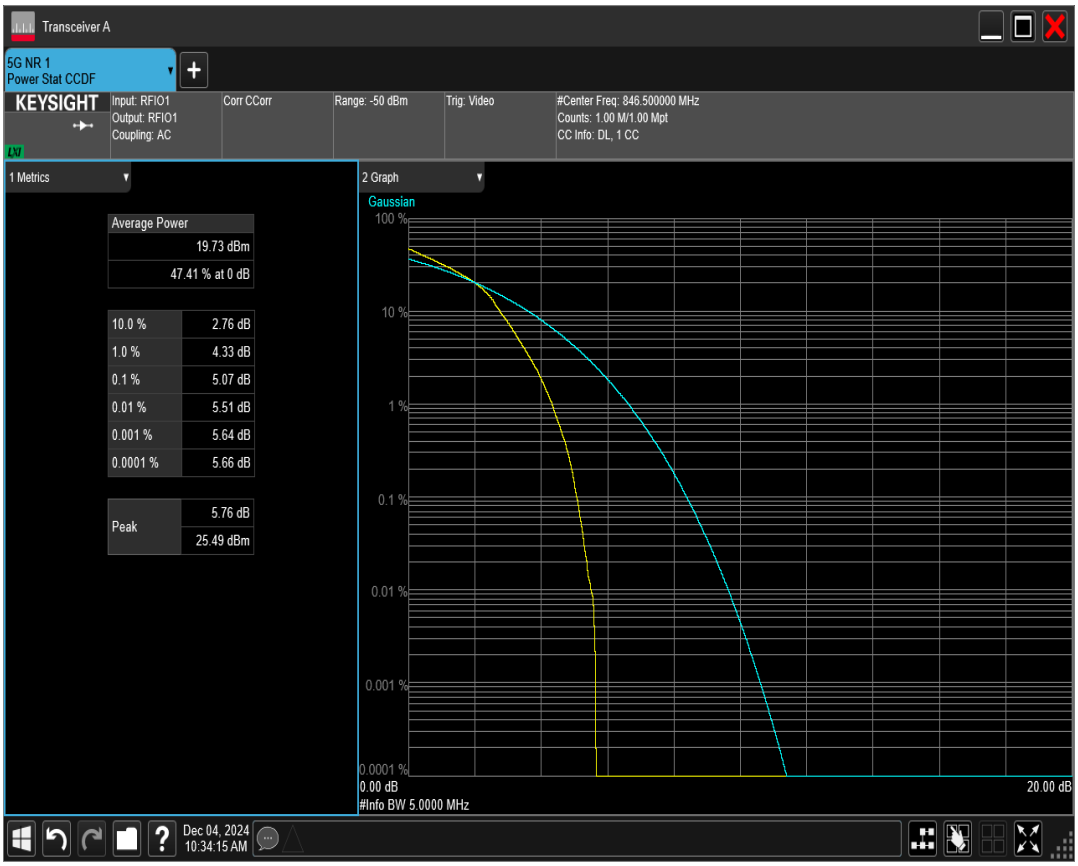
n5 SCS=15kHz DFT_QAM256 BW=15MHz Channel=166300 RB=75@0



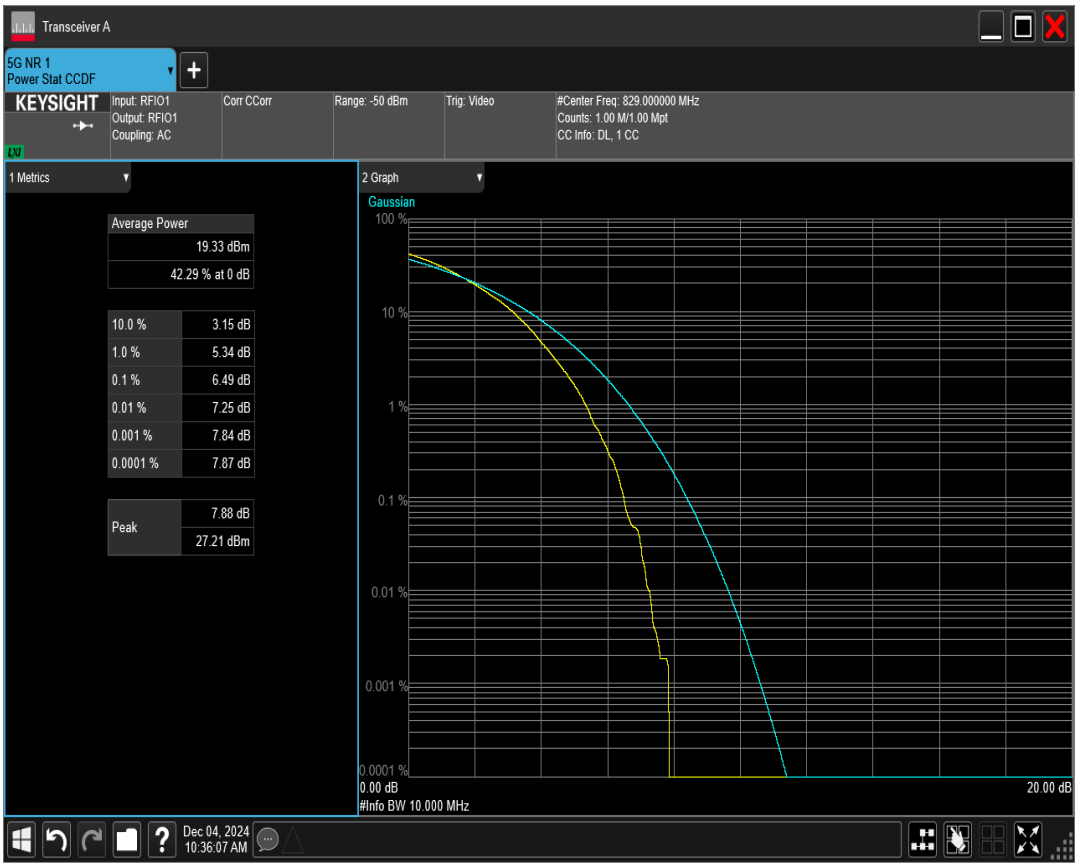
n5 SCS=15kHz DFT_QAM16 BW=5MHz Channel=167300 RB=25@0



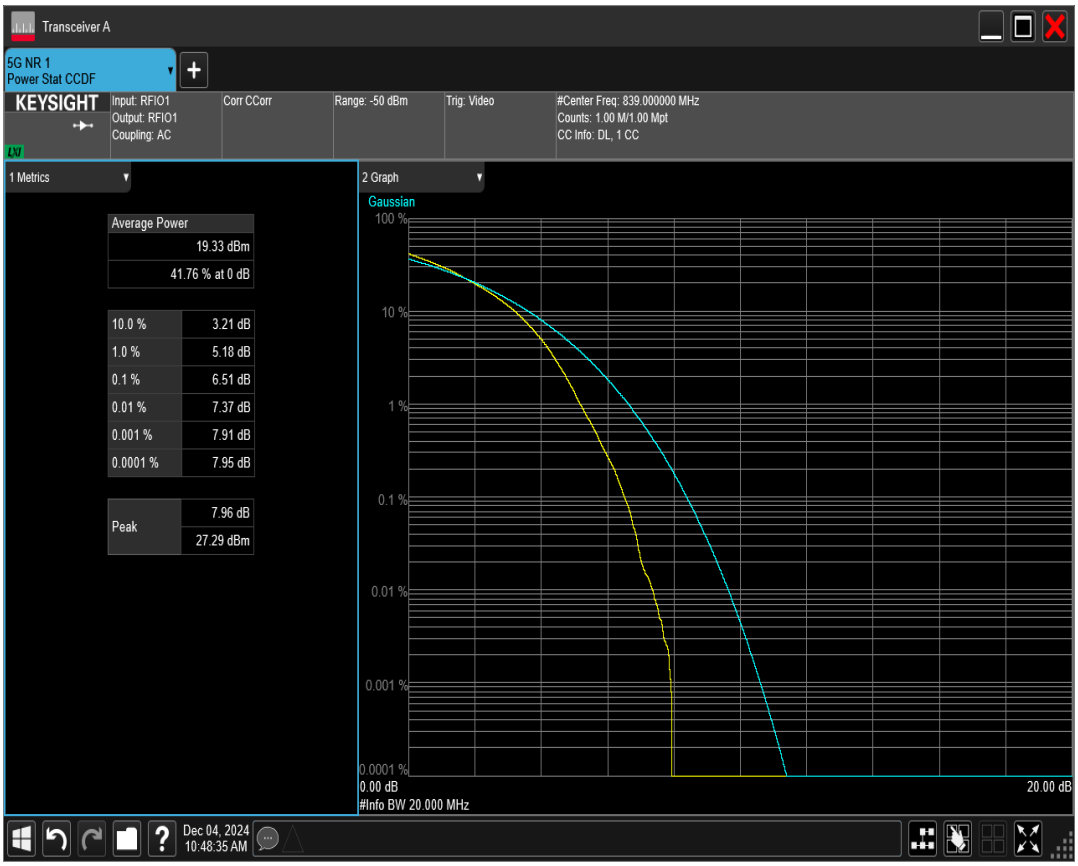
n5 SCS=15kHz DFT_QAM16 BW=5MHz Channel=169300 RB=25@0



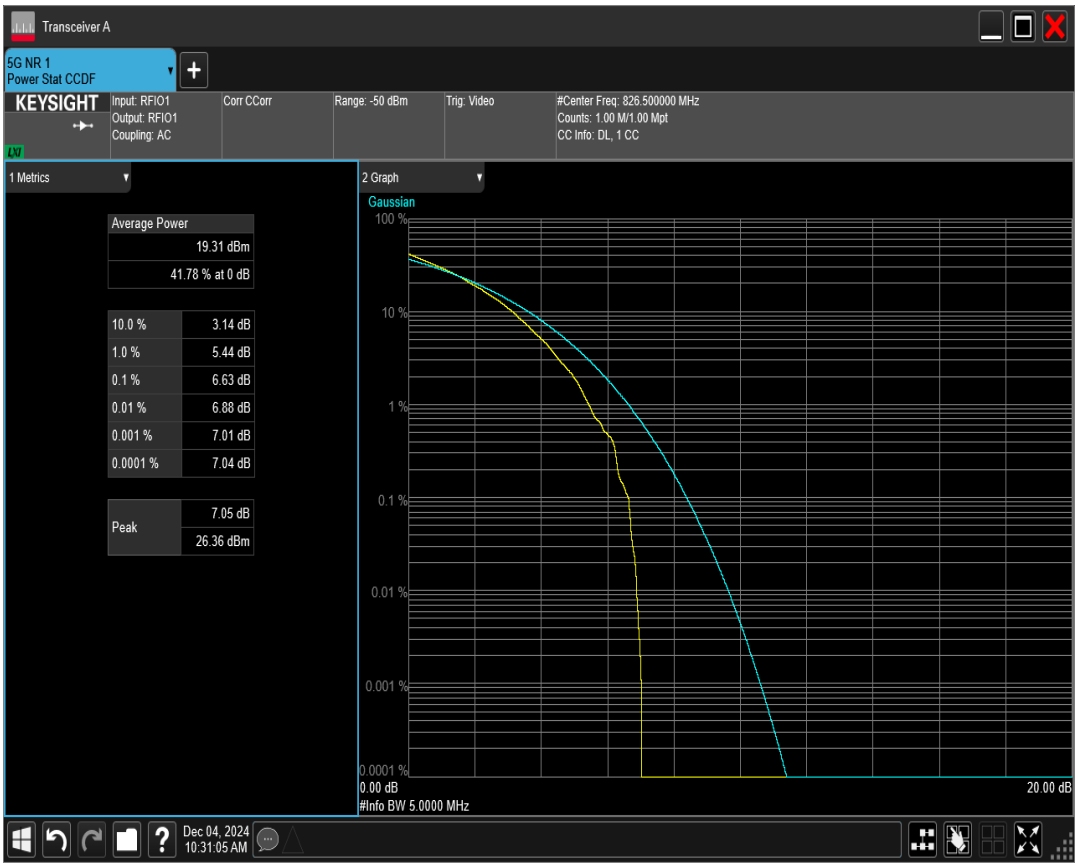
n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=165800 RB=50@0



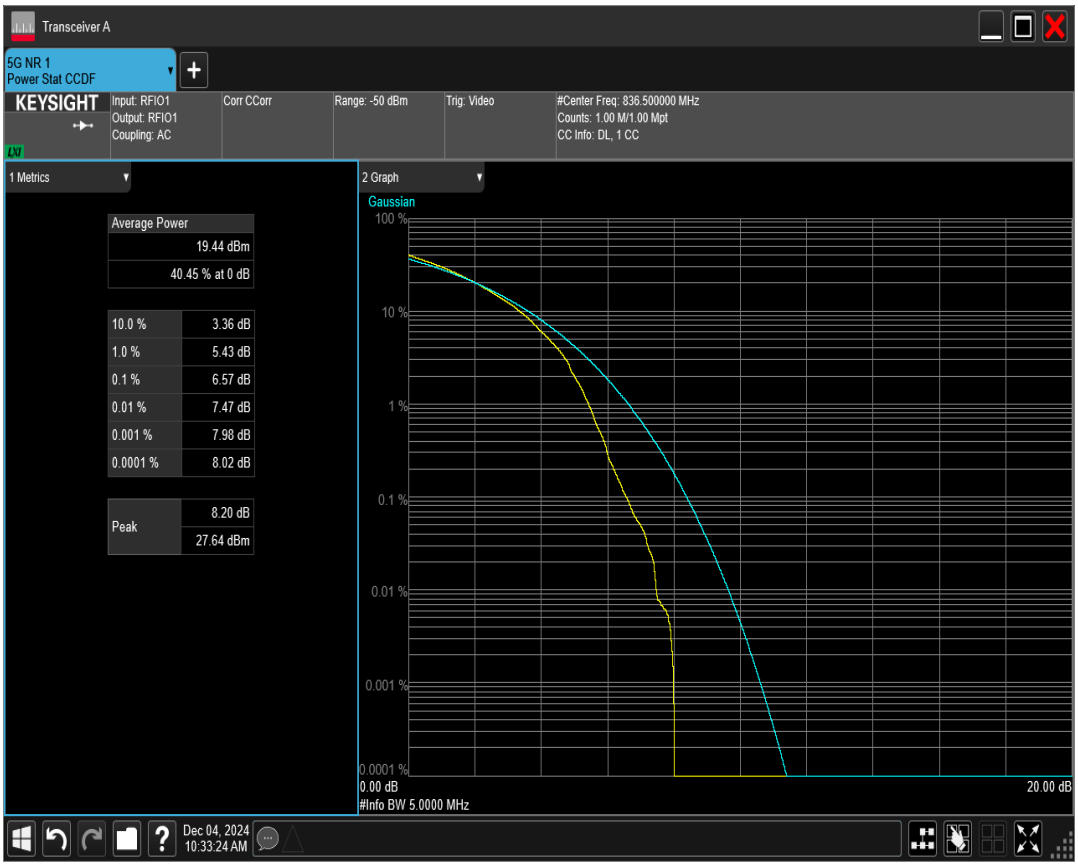
n5 SCS=15kHz DFT_QAM256 BW=20MHz Channel=167800 RB=100@0



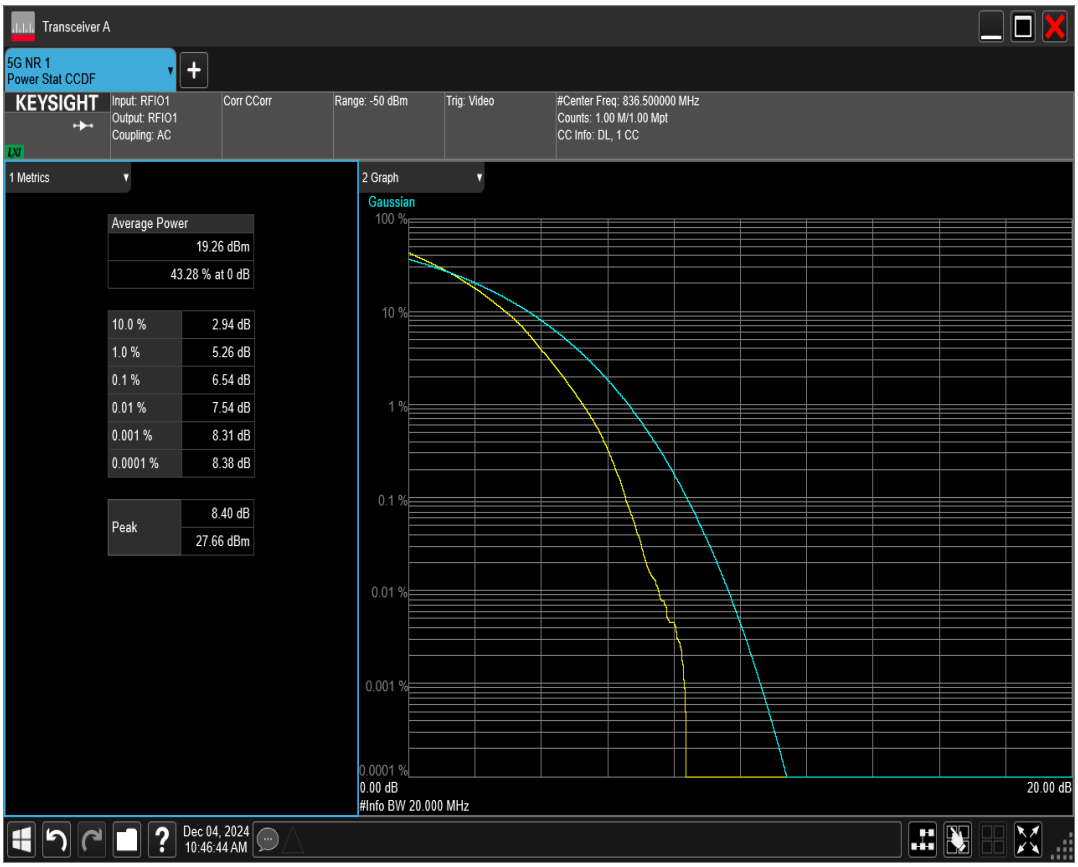
n5 SCS=15kHz DFT_QAM256 BW=5MHz Channel=165300 RB=25@0



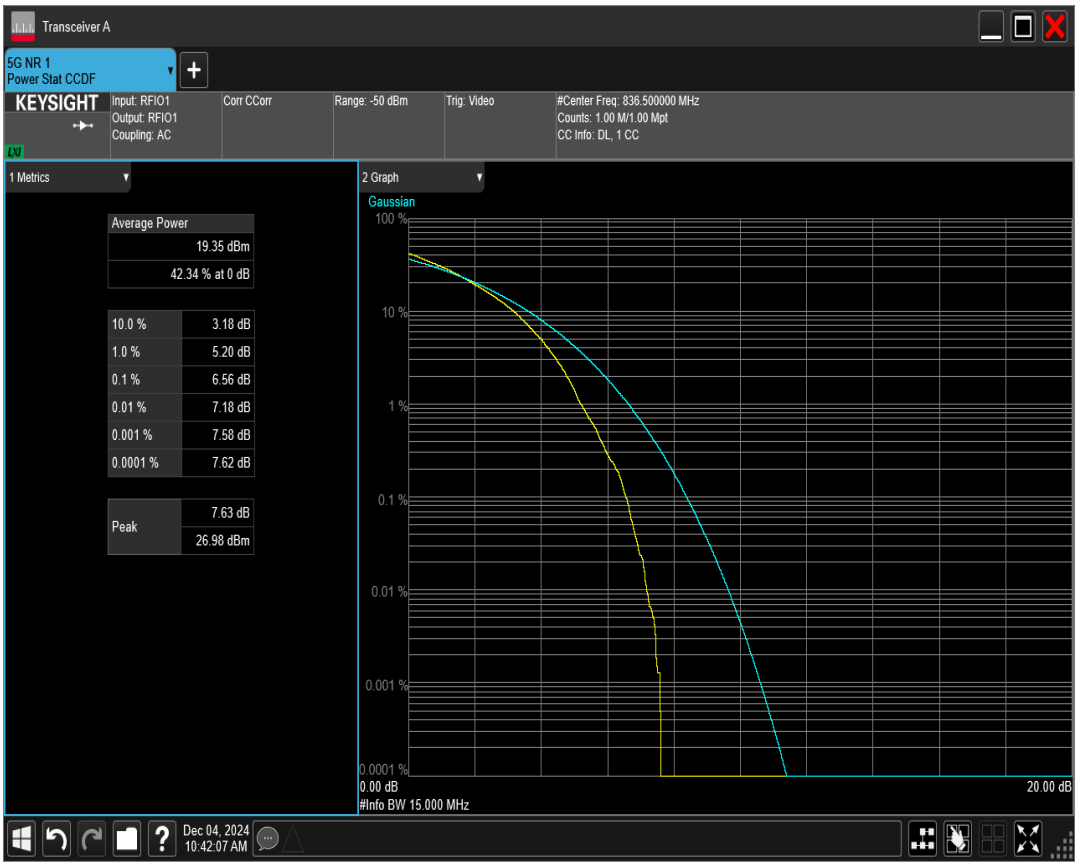
n5 SCS=15kHz DFT_QAM256 BW=5MHz Channel=167300 RB=25@0



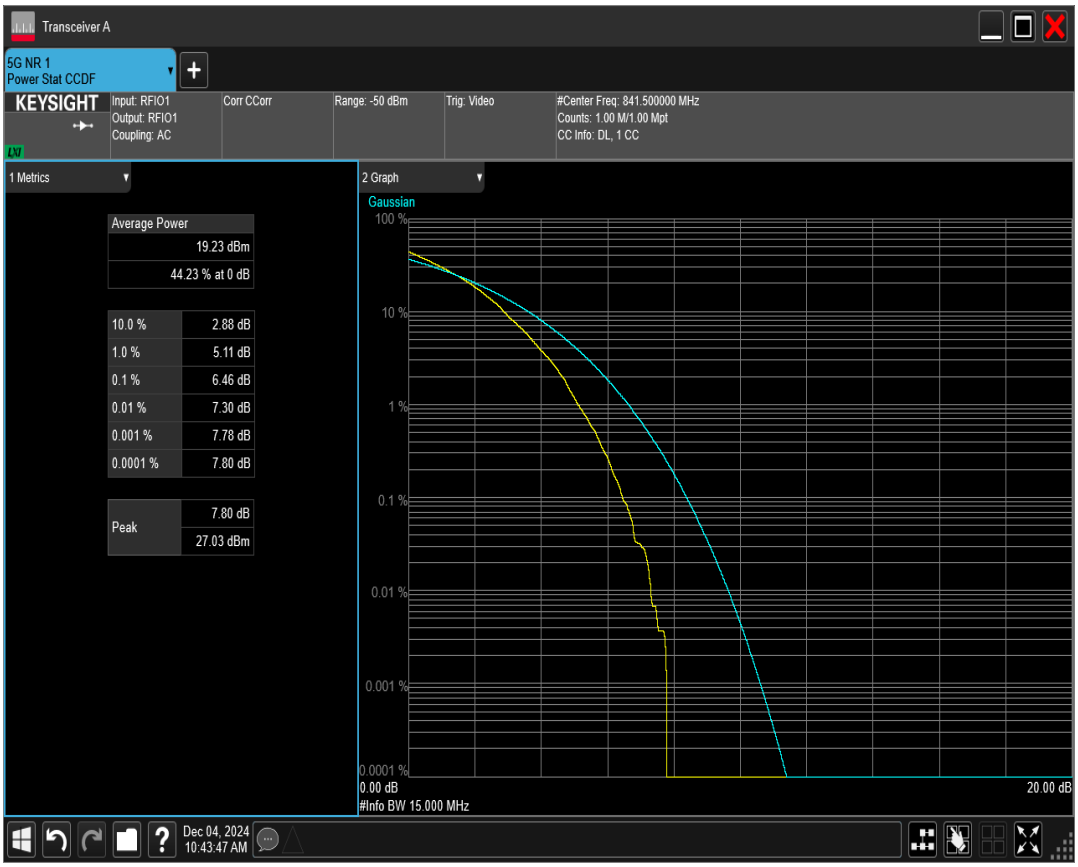
n5 SCS=15kHz DFT_QAM256 BW=20MHz Channel=167300 RB=100@0



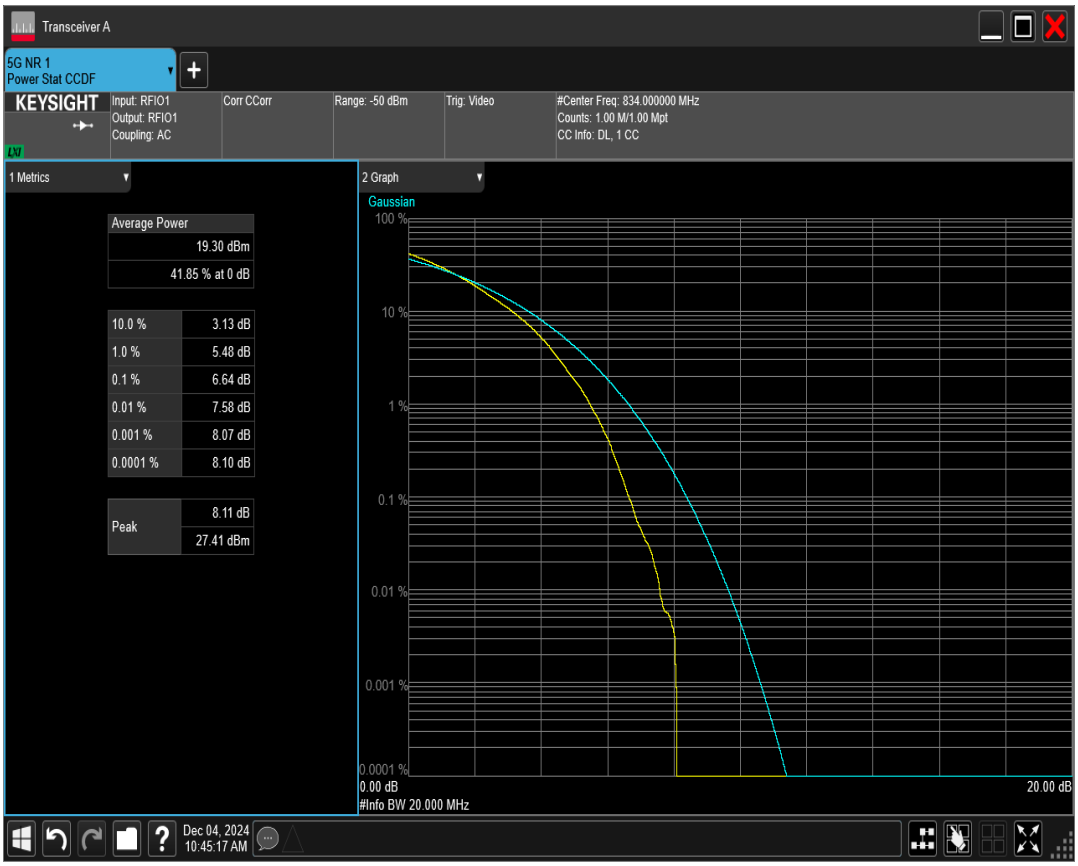
n5 SCS=15kHz DFT_QAM256 BW=15MHz Channel=167300 RB=75@0



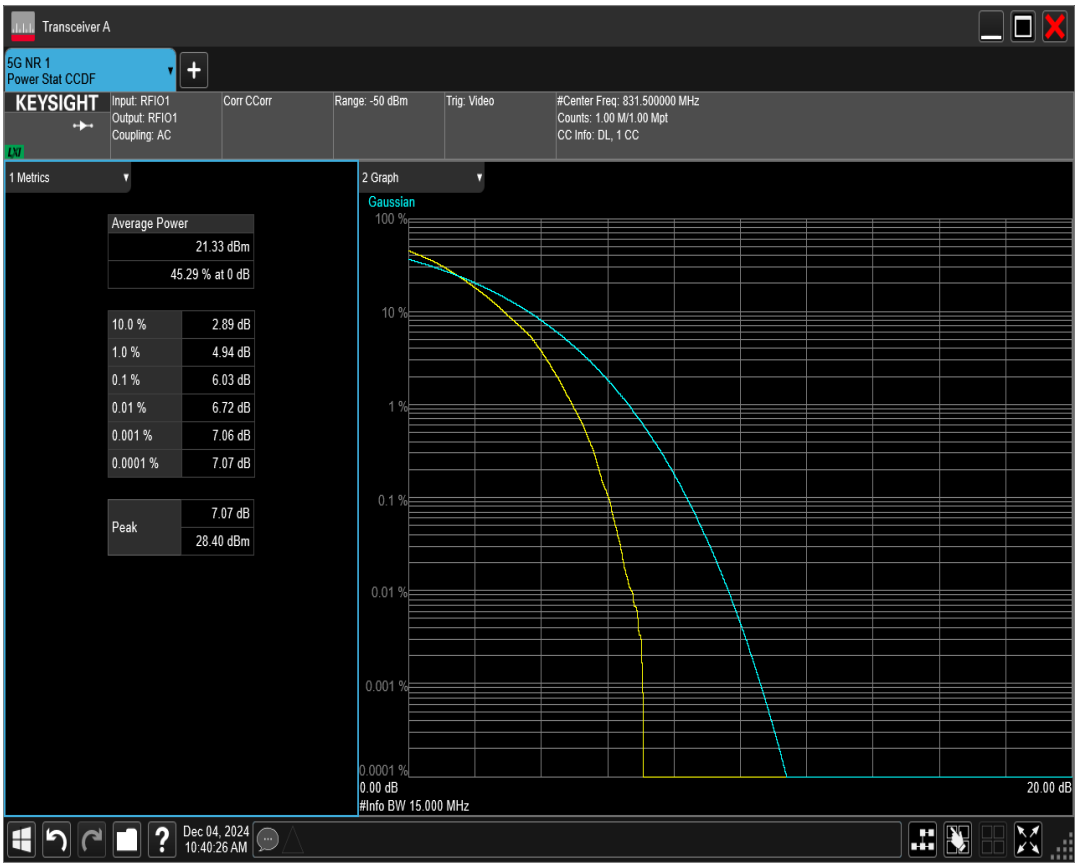
n5 SCS=15kHz DFT_QAM256 BW=15MHz Channel=168300 RB=75@0



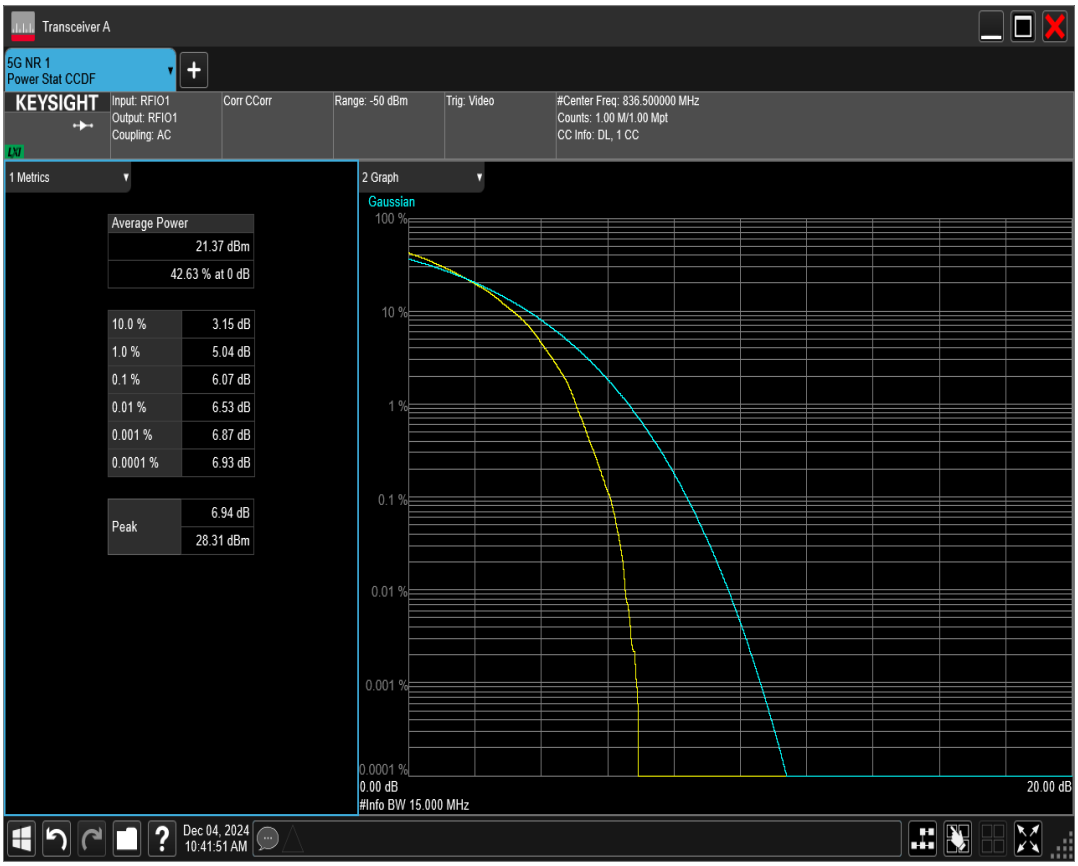
n5 SCS=15kHz DFT_QAM256 BW=20MHz Channel=166800 RB=100@0



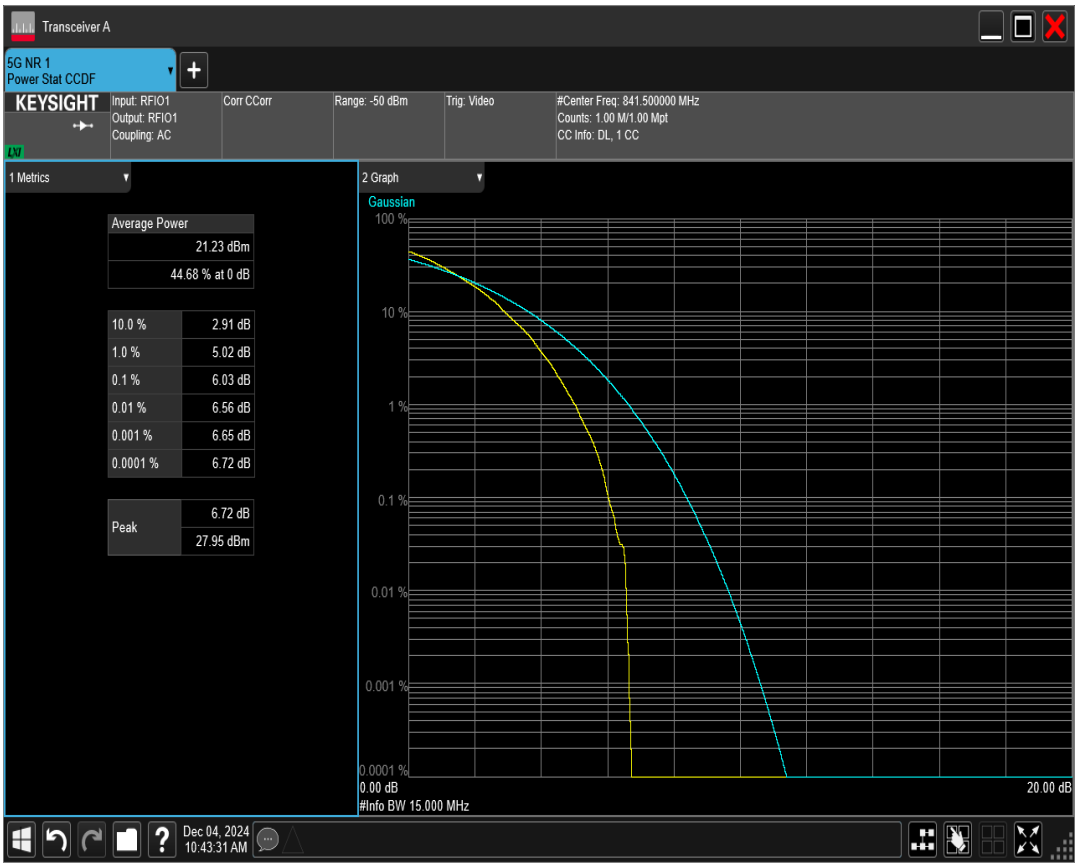
n5 SCS=15kHz DFT_QAM64 BW=15MHz Channel=166300 RB=75@0



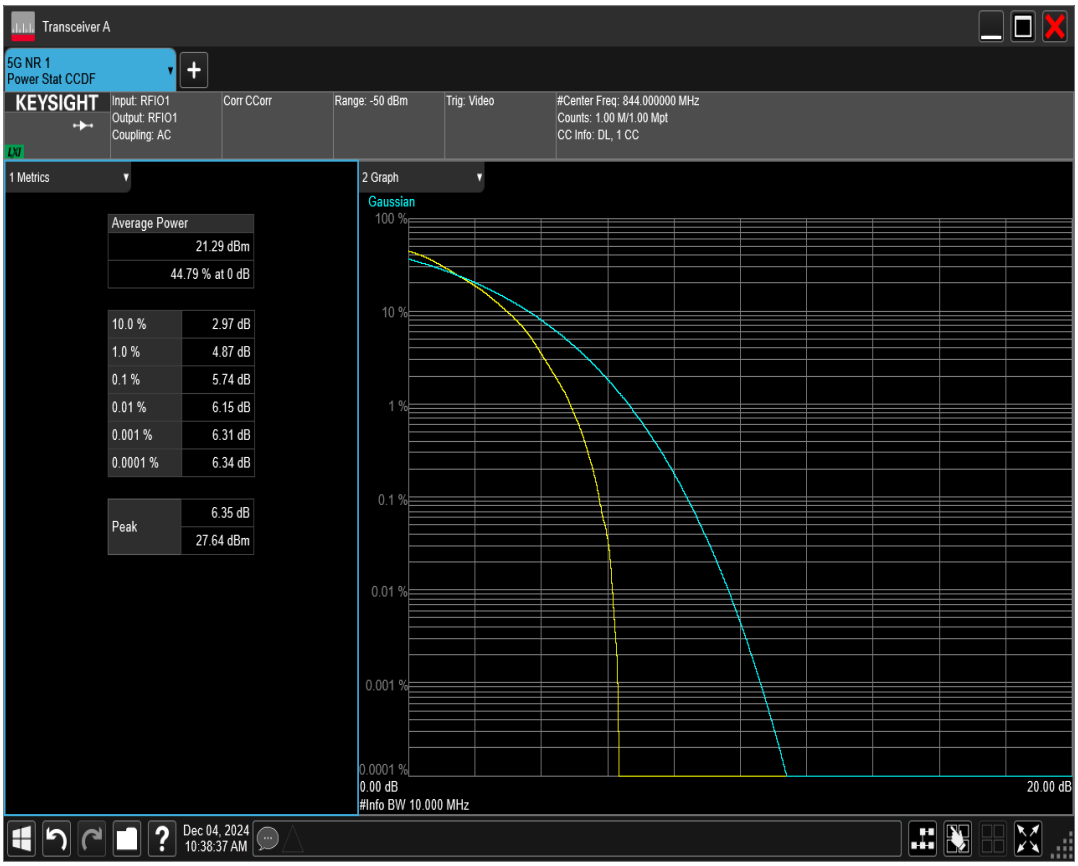
n5 SCS=15kHz DFT_QAM64 BW=15MHz Channel=167300 RB=75@0



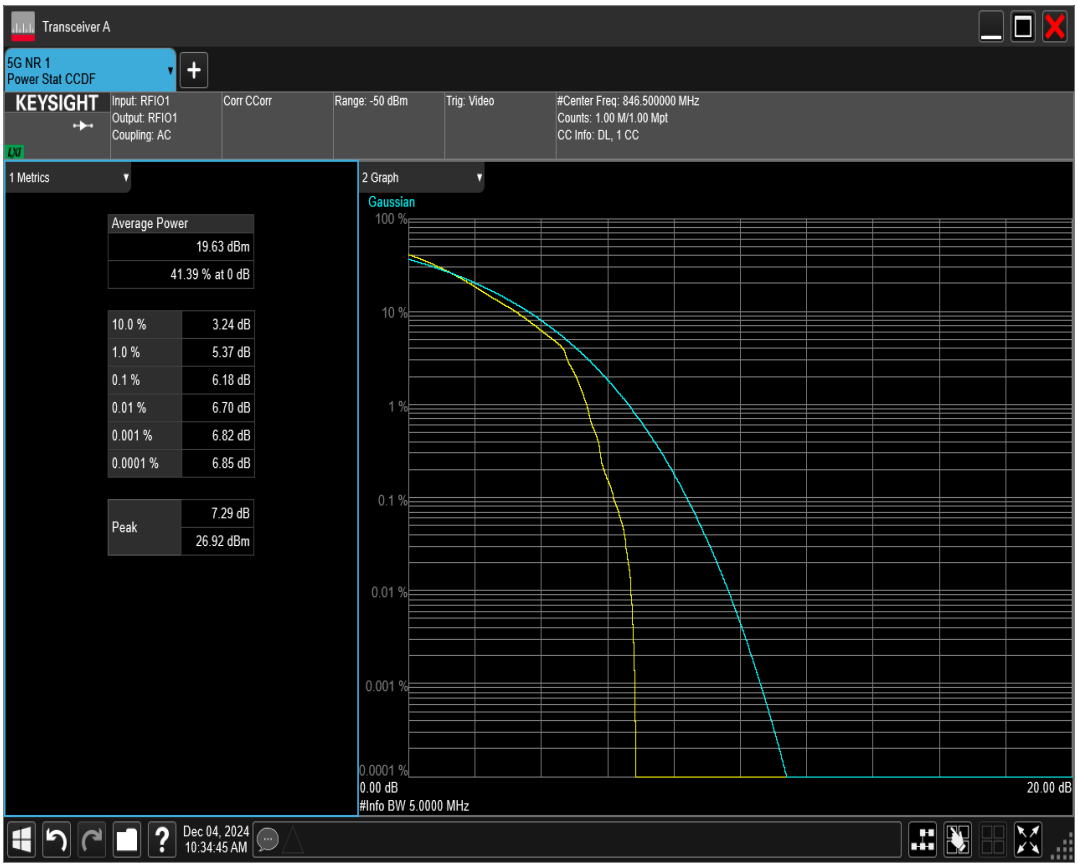
n5 SCS=15kHz DFT_QAM64 BW=15MHz Channel=168300 RB=75@0



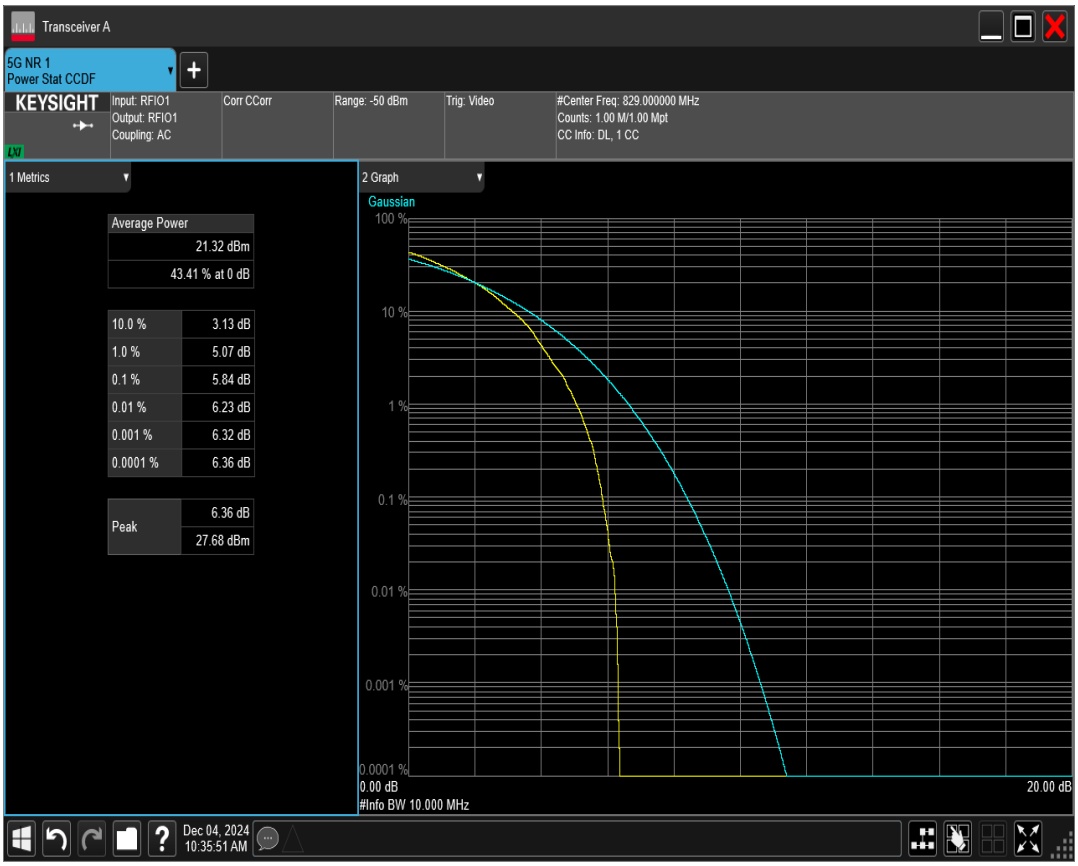
n5 SCS=15kHz DFT_QAM64 BW=10MHz Channel=168800 RB=50@0



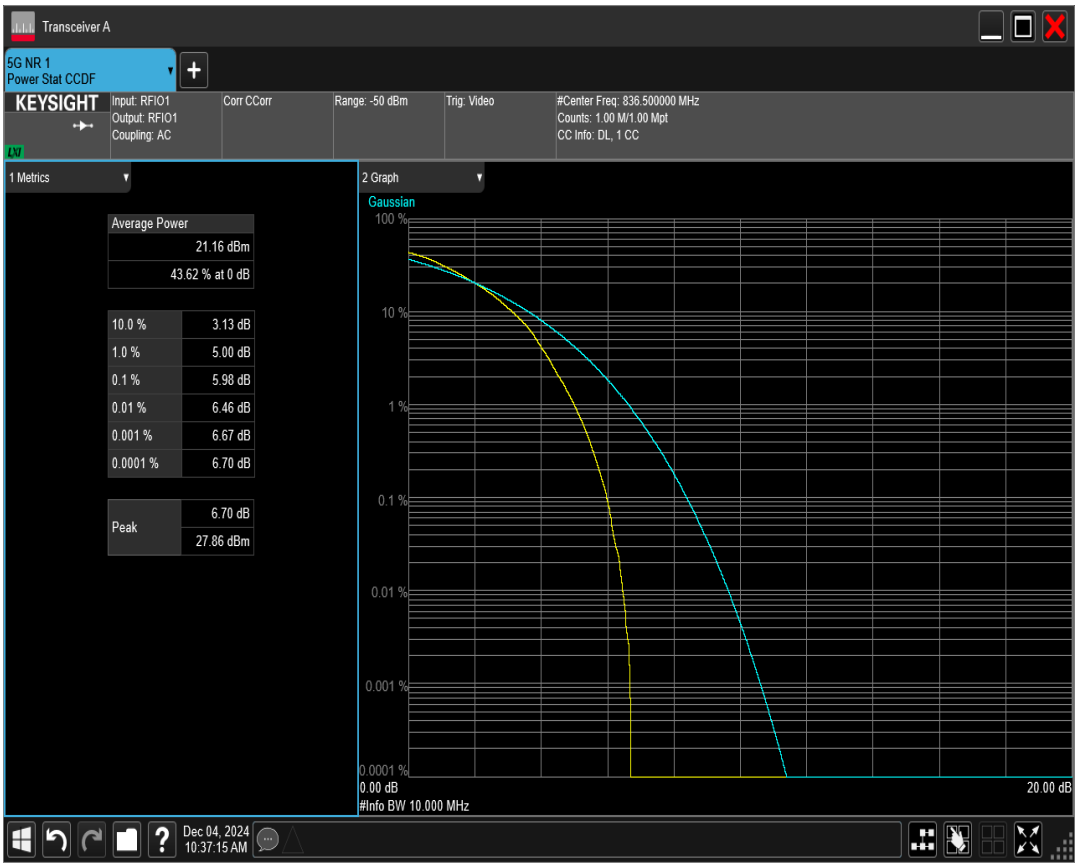
n5 SCS=15kHz DFT_QAM256 BW=5MHz Channel=169300 RB=25@0



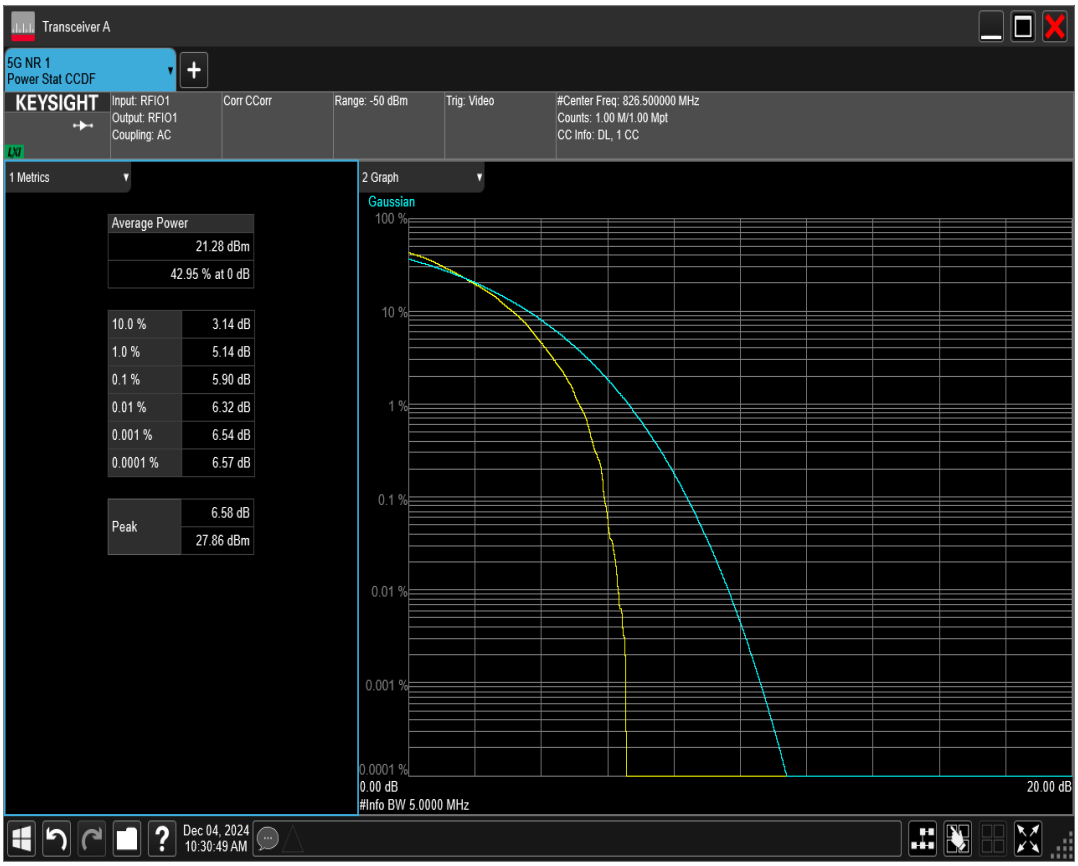
n5 SCS=15kHz DFT_QAM64 BW=10MHz Channel=165800 RB=50@0



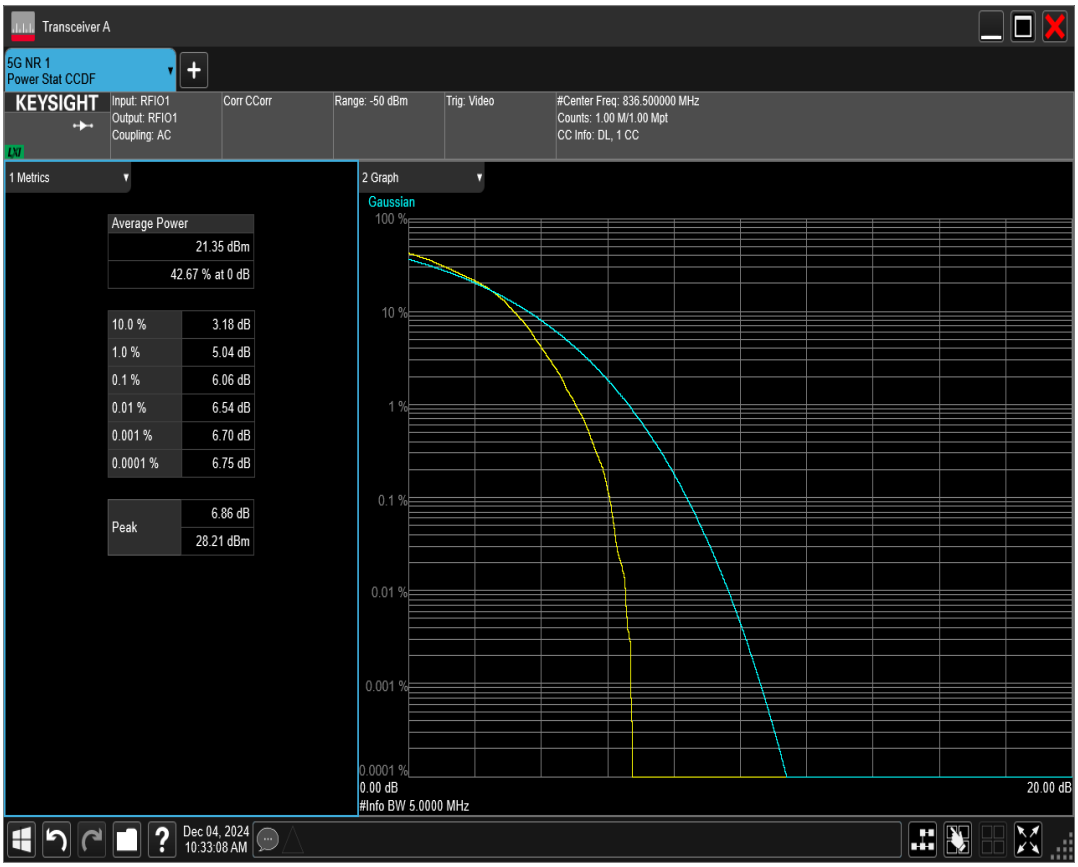
n5 SCS=15kHz DFT_QAM64 BW=10MHz Channel=167300 RB=50@0



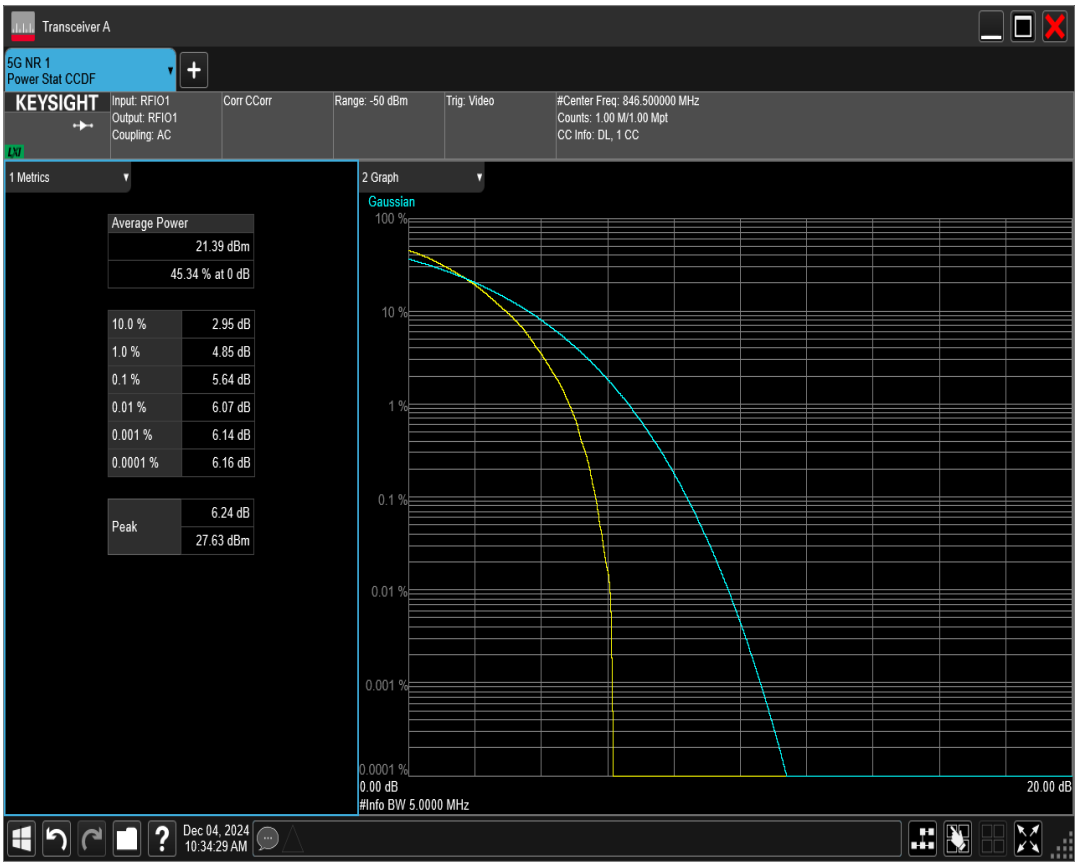
n5 SCS=15kHz DFT_QAM64 BW=5MHz Channel=165300 RB=25@0



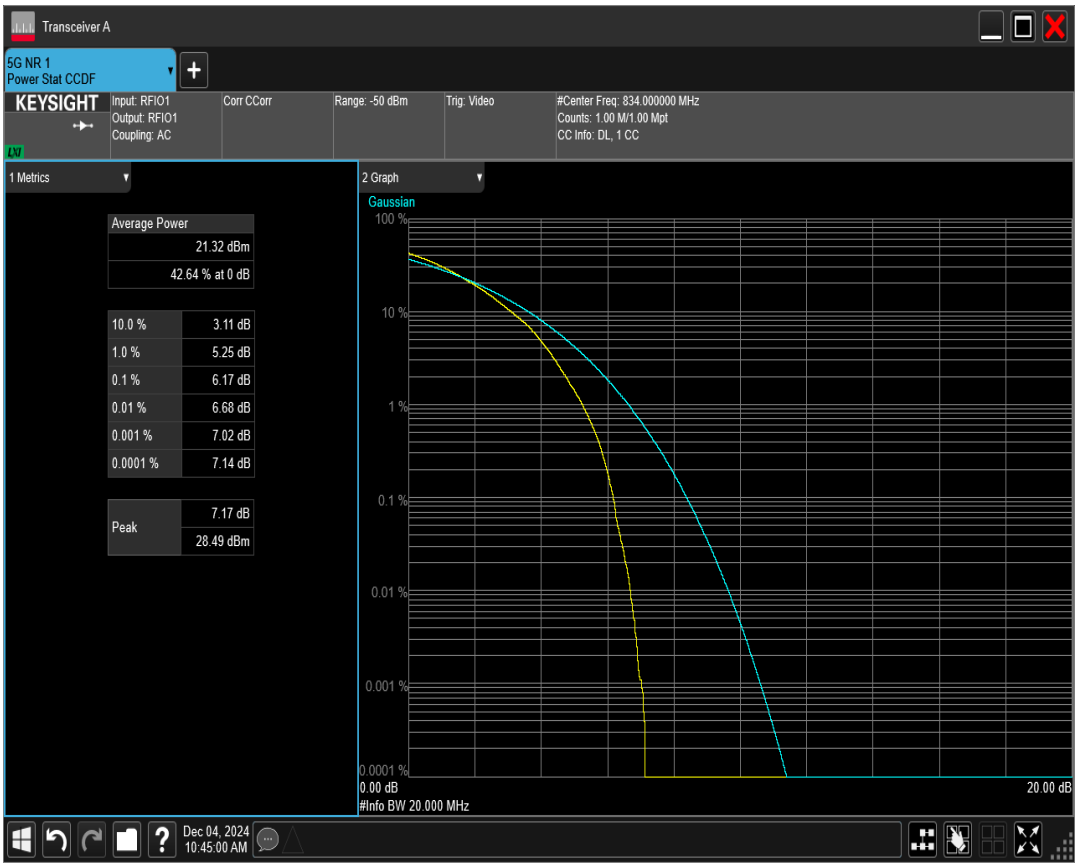
n5 SCS=15kHz DFT_QAM64 BW=5MHz Channel=167300 RB=25@0



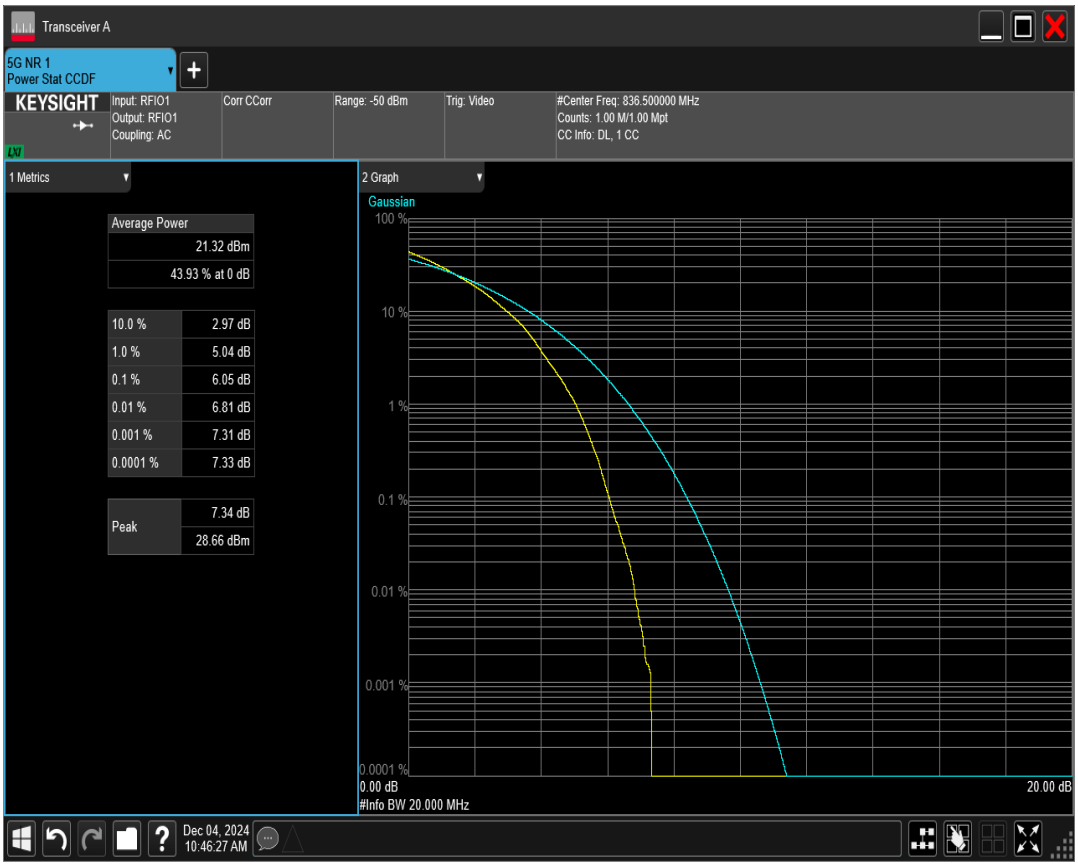
n5 SCS=15kHz DFT_QAM64 BW=5MHz Channel=169300 RB=25@0



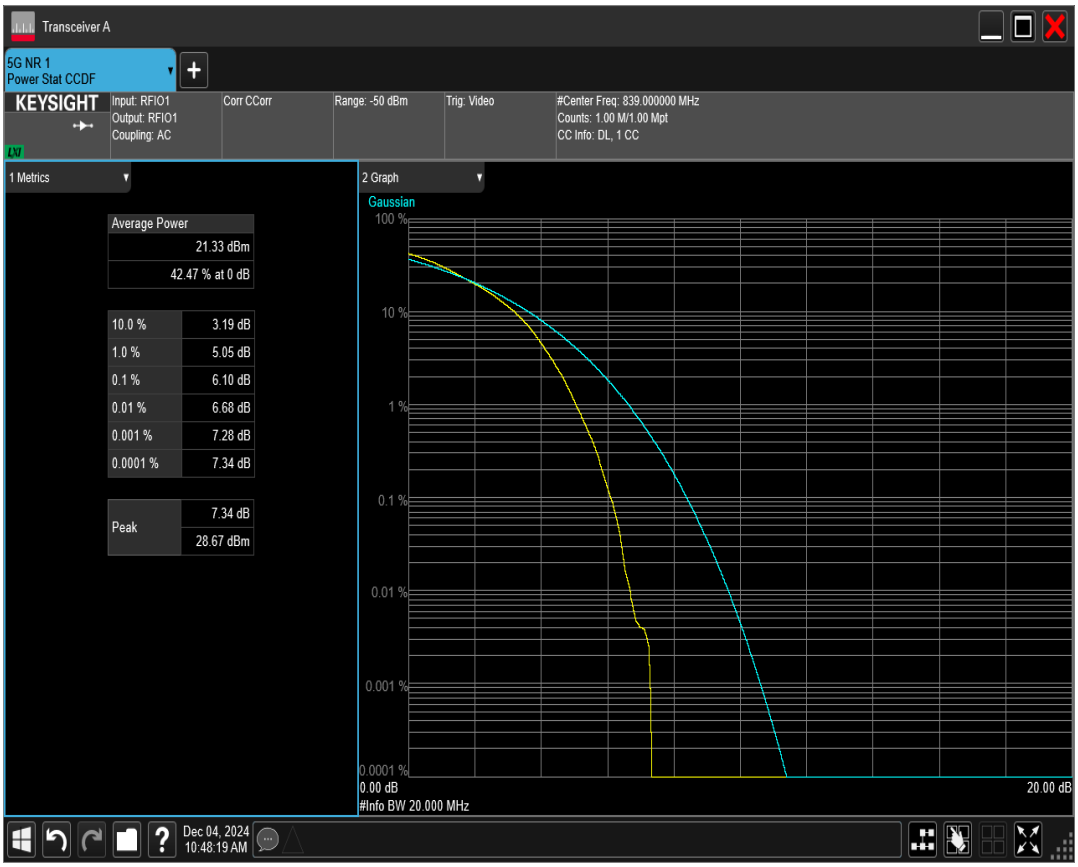
n5 SCS=15kHz DFT_QAM64 BW=20MHz Channel=166800 RB=100@0



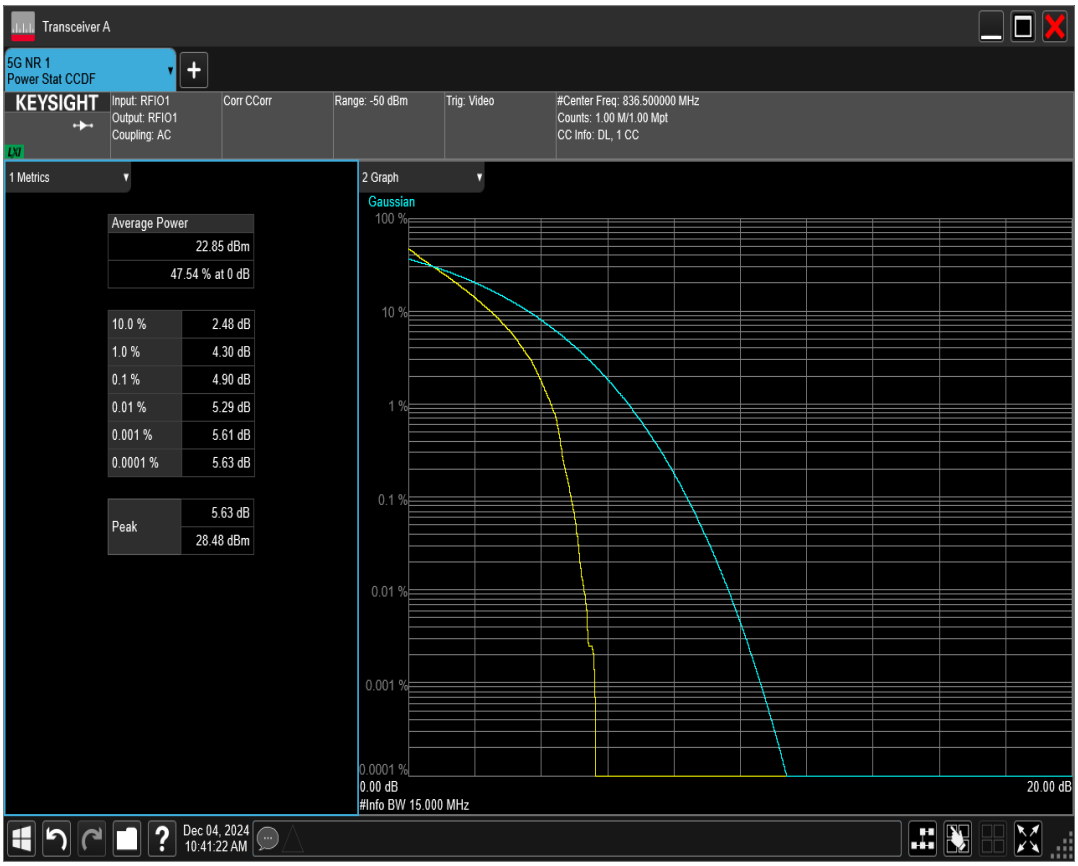
n5 SCS=15kHz DFT_QAM64 BW=20MHz Channel=167300 RB=100@0



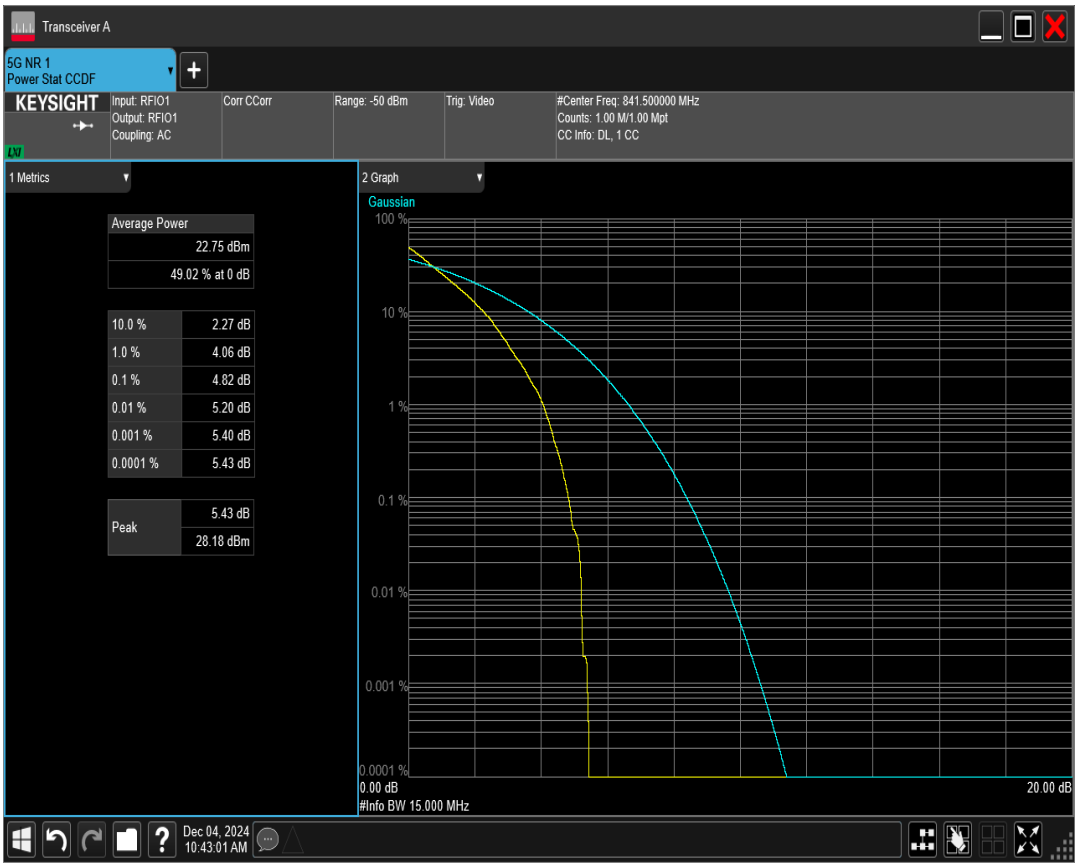
n5 SCS=15kHz DFT_QAM64 BW=20MHz Channel=167800 RB=100@0



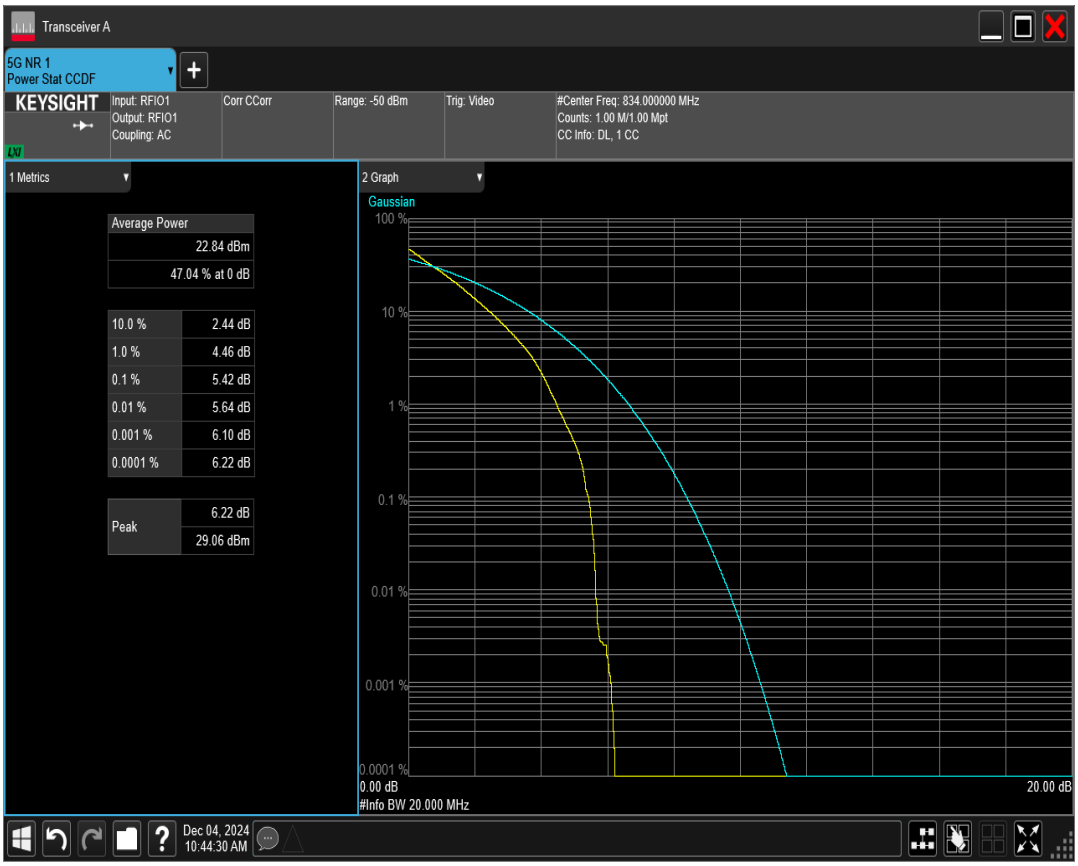
n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=167300 RB=75@0



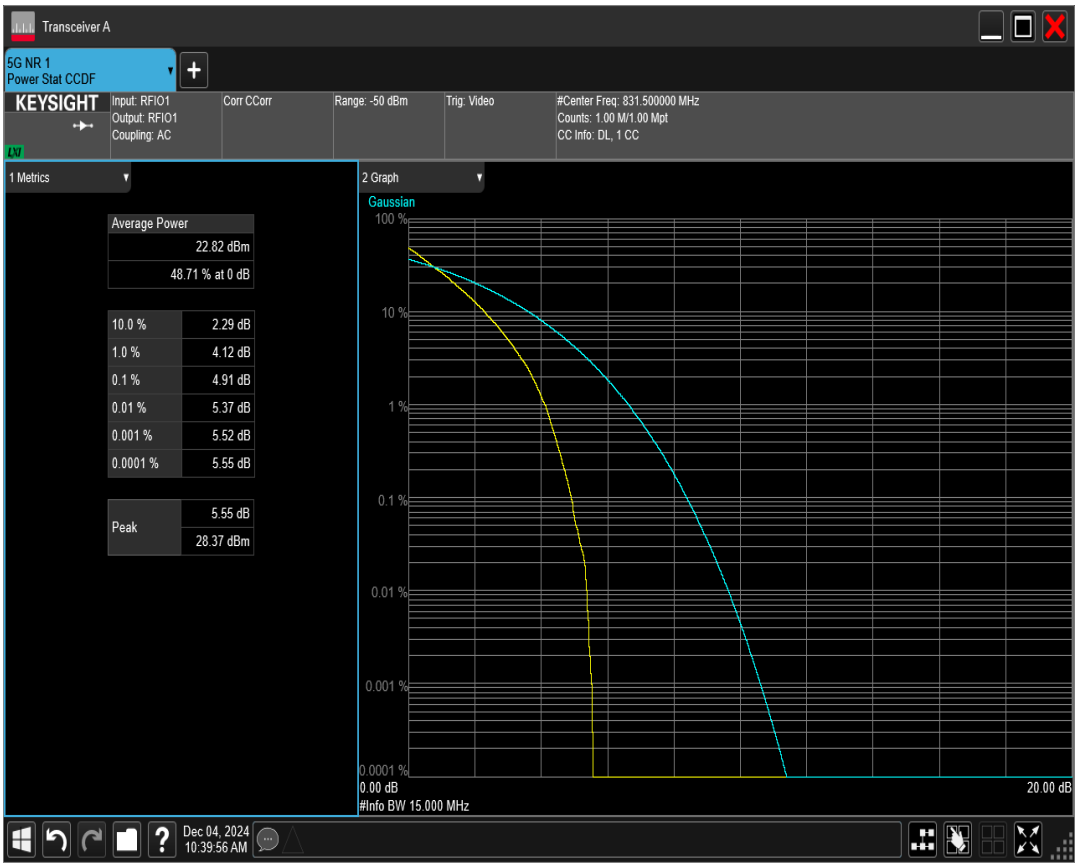
n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=168300 RB=75@0



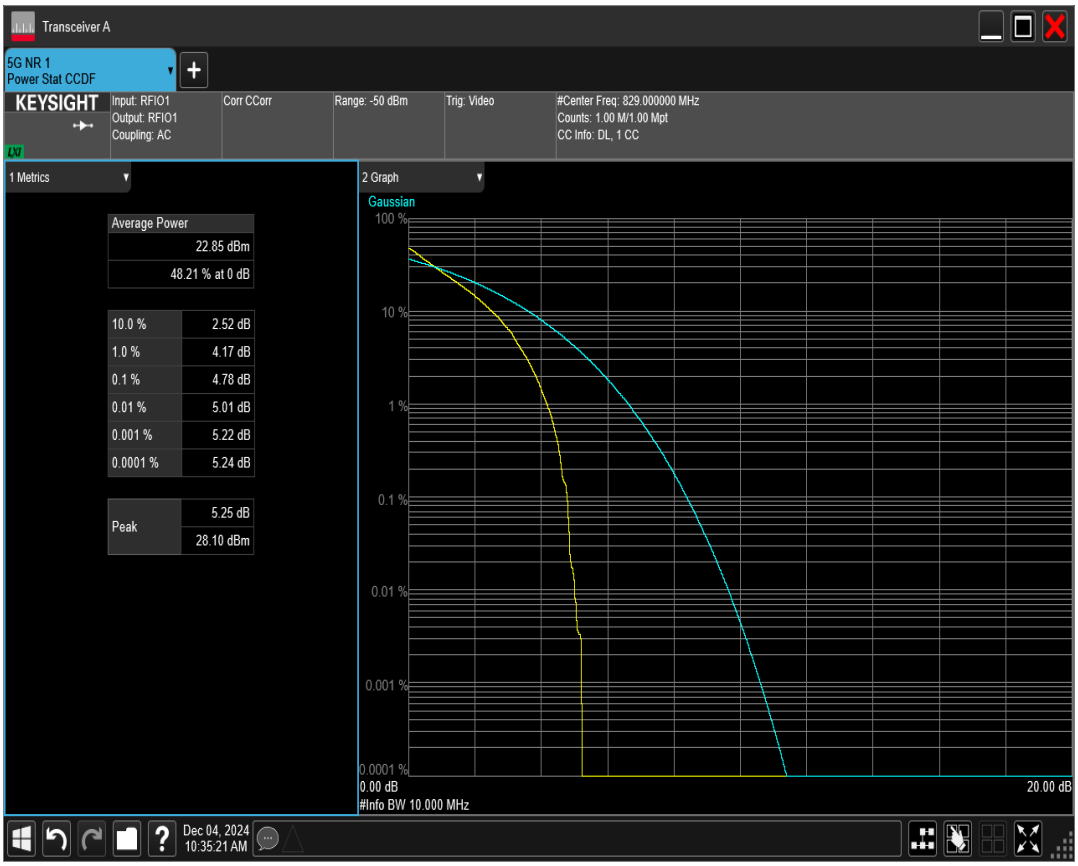
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=100@0



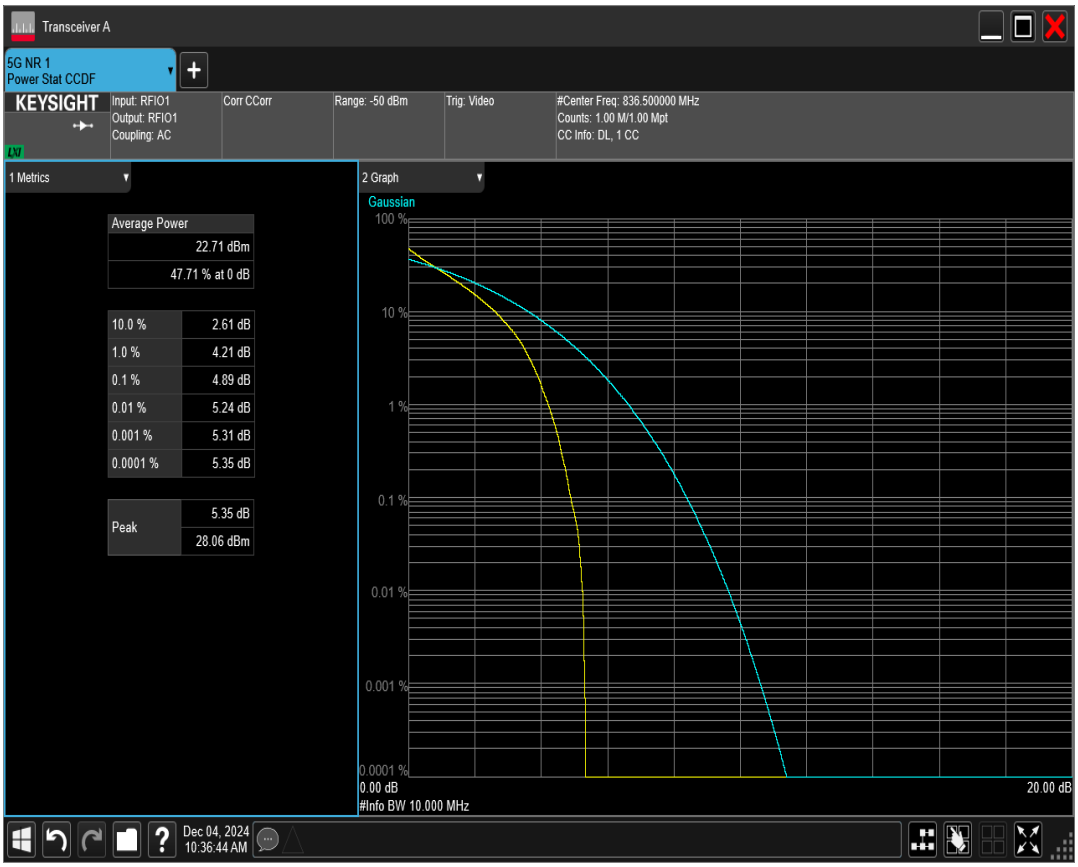
n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=166300 RB=75@0



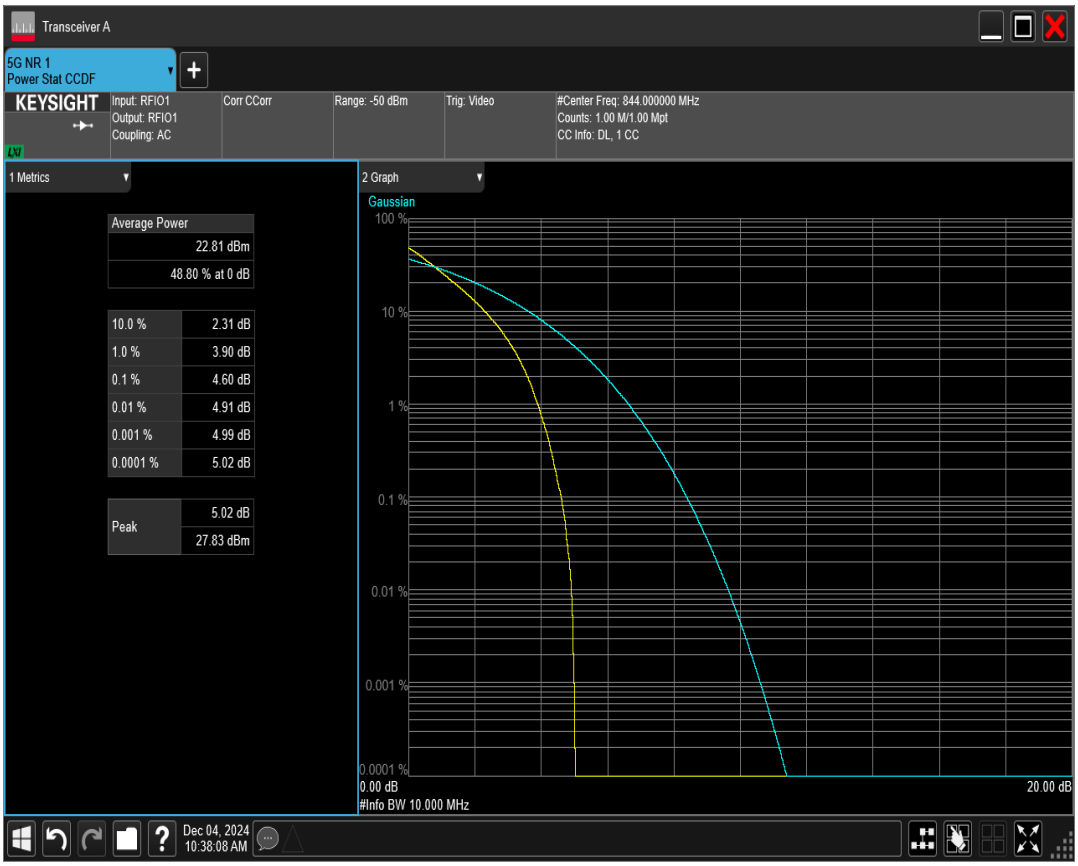
n5 SCS=15kHz DFT_QPSK BW=10MHz Channel=165800 RB=50@0



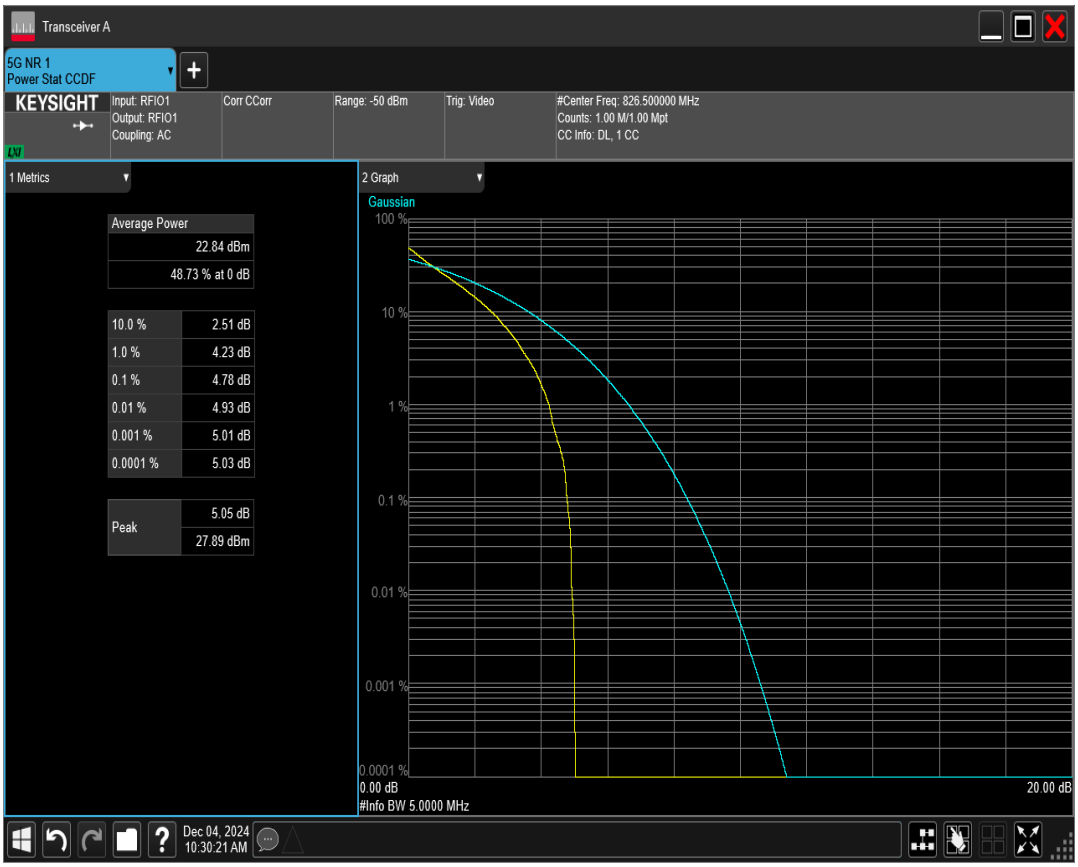
n5 SCS=15kHz DFT_QPSK BW=10MHz Channel=167300 RB=50@0



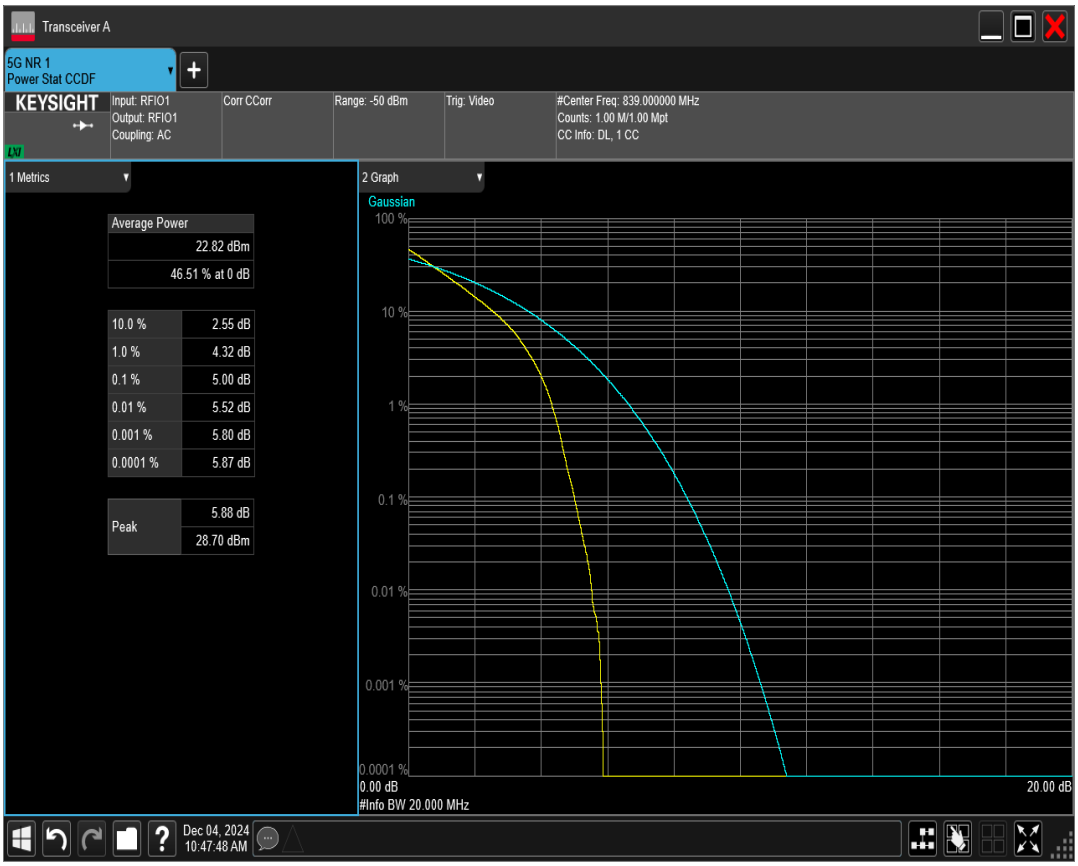
n5 SCS=15kHz DFT_QPSK BW=10MHz Channel=168800 RB=50@0



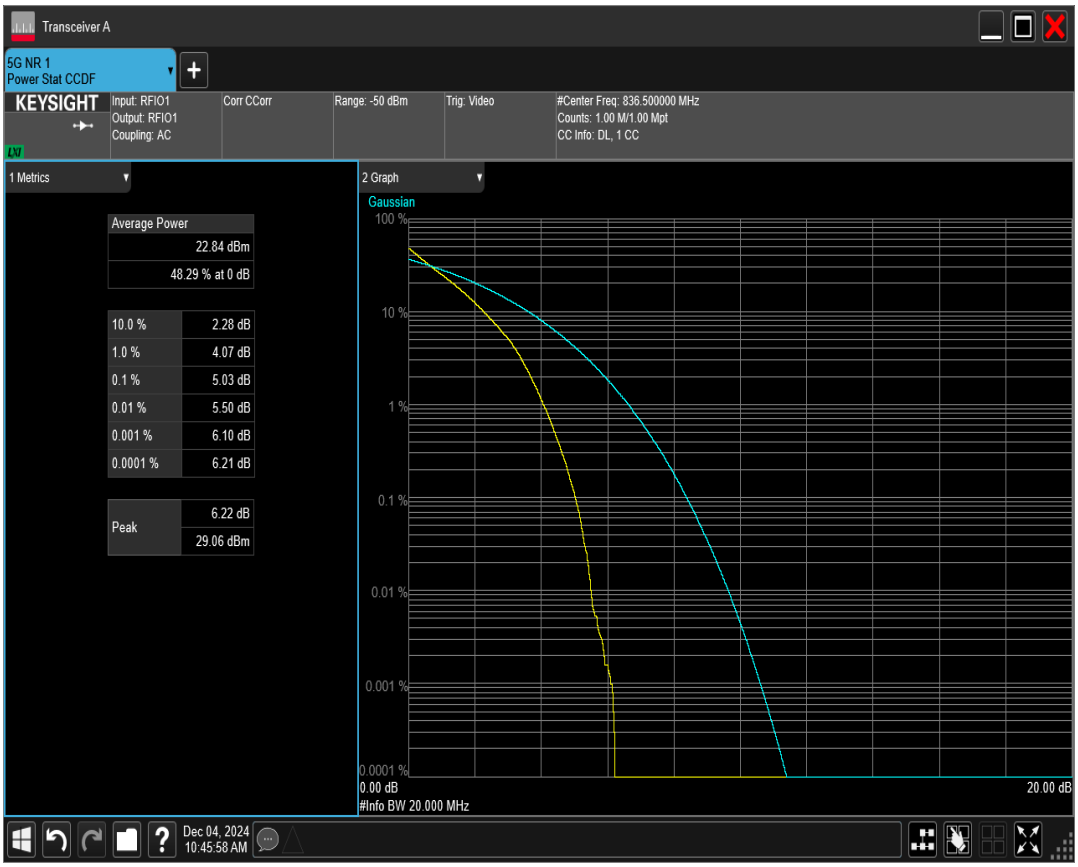
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=165300 RB=25@0



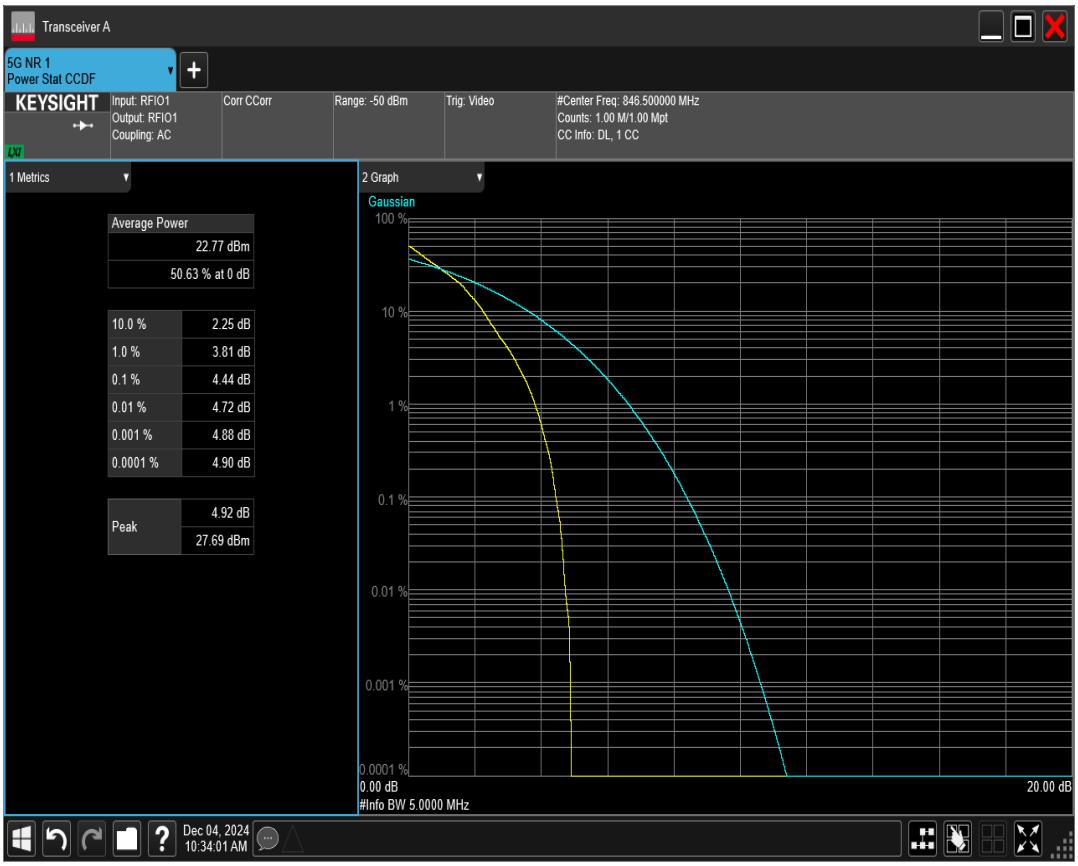
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=100@0



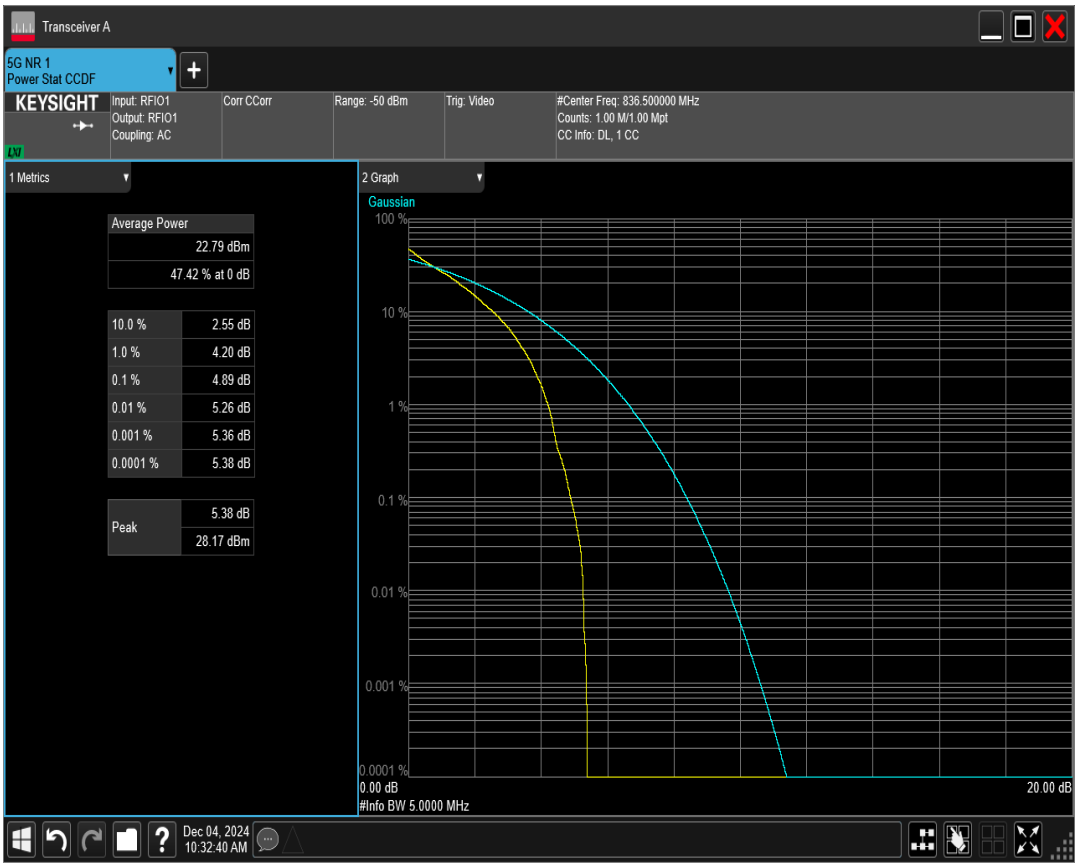
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167300 RB=100@0



n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=25@0



n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=25@0


Transceiver A
5G NR 1
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -50 dBm
Trig: Video
#Center Freq: 836.500000 MHz
Counts: 1.00 M/1.00 Mpt
CC Info: DL, 1 CC
1 Metrics
Average Power
22.79 dBm
47.42 % at 0 dB
10.0 % 2.55 dB
1.0 % 4.20 dB
0.1 % 4.89 dB
0.01 % 5.26 dB
0.001 % 5.36 dB
0.0001 % 5.38 dB
Peak 5.38 dB
28.17 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
#Info BW 5.0000 MHz
Dec 04, 2024
10:32:40 AM

4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n5	15	5	167300	25@0	DFT_BPSK	4.460	4.660	PASS
n5	15	5	167300	25@0	DFT_QPSK	4.470	4.640	PASS
n5	15	5	167300	25@0	DFT_QAM16	4.450	4.610	PASS
n5	15	5	167300	25@0	DFT_QAM64	4.470	4.690	PASS
n5	15	5	167300	25@0	DFT_QAM256	4.460	4.650	PASS
n5	15	10	167300	50@0	DFT_BPSK	9.220	9.100	PASS
n5	15	10	167300	50@0	DFT_QPSK	9.200	9.130	PASS
n5	15	10	167300	50@0	DFT_QAM16	9.210	9.120	PASS
n5	15	10	167300	50@0	DFT_QAM64	9.190	9.100	PASS
n5	15	10	167300	50@0	DFT_QAM256	9.190	9.160	PASS
n5	15	15	167300	75@0	DFT_BPSK	14.050	13.630	PASS
n5	15	15	167300	75@0	DFT_QPSK	13.970	13.630	PASS
n5	15	15	167300	75@0	DFT_QAM16	14.020	13.670	PASS
n5	15	15	167300	75@0	DFT_QAM64	13.990	13.640	PASS
n5	15	15	167300	75@0	DFT_QAM256	13.910	13.610	PASS
n5	15	20	167300	100@0	DFT_BPSK	18.750	18.190	PASS
n5	15	20	167300	100@0	DFT_QPSK	18.750	18.110	PASS
n5	15	20	167300	100@0	DFT_QAM16	18.680	18.130	PASS
n5	15	20	167300	100@0	DFT_QAM64	18.730	18.180	PASS
n5	15	20	167300	100@0	DFT_QAM256	18.710	18.120	PASS

n5 SCS=15kHz DFT_BPSK BW=15MHz Channel=167300 RB=75@0

n5 SCS=15kHz DFT_BPSK BW=10MHz Channel=167300 RB=50@0

n5 SCS=15kHz DFT_QAM16 BW=10MHz Channel=167300 RB=50@0

n5 SCS=15kHz DFT_BPSK BW=5MHz Channel=167300 RB=25@0

n5 SCS=15kHz DFT_BPSK BW=20MHz Channel=167300 RB=100@0

n5 SCS=15kHz DFT_QAM16 BW=20MHz Channel=167300 RB=100@0

n5 SCS=15kHz DFT_QAM16 BW=15MHz Channel=167300 RB=75@0

n5 SCS=15kHz DFT_QAM256 BW=20MHz Channel=167300 RB=100@0

n5 SCS=15kHz DFT_QAM256 BW=5MHz Channel=167300 RB=25@0

n5 SCS=15kHz DFT_QAM256 BW=15MHz Channel=167300 RB=75@0

n5 SCS=15kHz DFT_QAM16 BW=5MHz Channel=167300 RB=25@0

n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=167300 RB=50@0

n5 SCS=15kHz DFT_QAM64 BW=10MHz Channel=167300 RB=50@0

n5 SCS=15kHz DFT_QAM64 BW=5MHz Channel=167300 RB=25@0

n5 SCS=15kHz DFT_QPSK BW=10MHz Channel=167300 RB=50@0

n5 SCS=15kHz DFT_QAM64 BW=15MHz Channel=167300 RB=75@0

n5 SCS=15kHz DFT_QAM64 BW=20MHz Channel=167300 RB=100@0

n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=25@0

n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167300 RB=100@0