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1 Conducted output power for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Low Limit (dBm)	high Limit (dBm)	Verdict
Band66	30	5	131997	1@0	QPSK	-5.88			
n77	30	10	620334	1@0	DFT_BPSK	21.54			
Sum	30					21.54	19	26	PASS
Band66	30	5	132322	8@0	QPSK	-9.62			
n77	30	10	650000	12@6	DFT_BPSK	21.37			
Sum	30					21.37	19	26	PASS
Band66	30	5	132322	8@0	QPSK	-9.53			
n77	30	10	650000	12@6	DFT_QPSK	21.39			
Sum	30					21.39	19	26	PASS
Band66	30	5	132647	1@17	QPSK	-12.20			
n77	30	10	679666	1@23	DFT_BPSK	21.08			
Sum	30					21.08	19	26	PASS
Band66	30	5	132647	8@17	QPSK	-11.99			
n77	30	10	679666	12@6	DFT_BPSK	21.01			
Sum	30					21.01	19	26	PASS
Band66	30	5	132647	1@17	QPSK	-12.20			
n77	30	10	679666	1@23	DFT_QPSK	20.91			
Sum	30					20.91	19	26	PASS
Band66	30	5	132647	8@17	QPSK	-11.93			
n77	30	10	679666	12@6	DFT_QPSK	21.09			
Sum	30					21.09	19	26	PASS
Band66	30	20	132072	1@0	QPSK	-5.40			
n77	30	100	623334	1@0	DFT_BPSK	21.52			
Sum	30					21.52	19	26	PASS
Band66	30	20	132322	18@0	QPSK	-8.77			
n77	30	100	650000	135@67	DFT_BPSK	21.44			
Sum	30					21.44	19	26	PASS
Band66	30	20	132322	18@0	QPSK	-8.75			
n77	30	100	650000	135@67	DFT_QPSK	21.45			
Sum	30					21.45	19	26	PASS
Band66	30	20	132572	1@72	QPSK	-11.55			
n77	30	100	676666	1@272	DFT_BPSK	20.87			
Sum	30					20.87	19	26	PASS
Band66	30	20	132572	18@72	QPSK	-11.58			
n77	30	100	676666	135@67	DFT_BPSK	21.20			
Sum	30					21.20	19	26	PASS
Band66	30	20	132572	1@72	QPSK	-11.55			
n77	30	100	676666	1@272	DFT_QPSK	20.78			

Sum	30					20.78	19	26	PASS
Band66	30	20	132572	18@72	QPSK	-11.59			
n77	30	100	676666	135@67	DFT_QPSK	21.21			
Sum	30					21.21	19	26	PASS

2 Frequency stability for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
n77	30	10	620334	12@6	DFT_BPSK	-7.57	-0.00229	-2.5	2.5	PASS
n77	30	10	620334	1@1	DFT_BPSK	-5.50	-0.00166	-2.5	2.5	PASS
n77	30	10	620334	1@22	DFT_BPSK	-6.49	-0.00196	-2.5	2.5	PASS
n77	30	10	620334	12@6	DFT_QPSK	-6.72	-0.00203	-2.5	2.5	PASS
n77	30	10	620334	1@1	DFT_QPSK	-7.17	-0.00217	-2.5	2.5	PASS
n77	30	10	620334	1@22	DFT_QPSK	-7.45	-0.00225	-2.5	2.5	PASS
n77	30	10	650000	12@6	DFT_BPSK	-4.28	-0.00114	-2.5	2.5	PASS
n77	30	10	650000	1@1	DFT_BPSK	-5.24	-0.00140	-2.5	2.5	PASS
n77	30	10	650000	1@22	DFT_BPSK	-4.77	-0.00127	-2.5	2.5	PASS
n77	30	10	650000	12@6	DFT_QPSK	-9.85	-0.00263	-2.5	2.5	PASS
n77	30	10	650000	1@1	DFT_QPSK	-11.90	-0.00317	-2.5	2.5	PASS
n77	30	10	650000	1@22	DFT_QPSK	-6.20	-0.00165	-2.5	2.5	PASS
n77	30	10	679666	12@6	DFT_BPSK	-5.49	-0.00131	-2.5	2.5	PASS
n77	30	10	679666	1@1	DFT_BPSK	-9.61	-0.00229	-2.5	2.5	PASS
n77	30	10	679666	1@22	DFT_BPSK	-7.03	-0.00168	-2.5	2.5	PASS
n77	30	10	679666	12@6	DFT_QPSK	-6.35	-0.00151	-2.5	2.5	PASS
n77	30	10	679666	1@1	DFT_QPSK	-9.38	-0.00224	-2.5	2.5	PASS
n77	30	10	679666	1@22	DFT_QPSK	-6.20	-0.00148	-2.5	2.5	PASS
n77	30	50	621668	64@32	DFT_BPSK	-1.29	-0.00039	-2.5	2.5	PASS
n77	30	50	621668	1@1	DFT_BPSK	-6.27	-0.00189	-2.5	2.5	PASS
n77	30	50	621668	1@131	DFT_BPSK	-7.98	-0.00240	-2.5	2.5	PASS
n77	30	50	621668	64@32	DFT_QPSK	-6.31	-0.00190	-2.5	2.5	PASS
n77	30	50	621668	1@1	DFT_QPSK	-8.90	-0.00268	-2.5	2.5	PASS
n77	30	50	621668	1@131	DFT_QPSK	-8.44	-0.00254	-2.5	2.5	PASS
n77	30	50	650000	64@32	DFT_BPSK	-4.79	-0.00128	-2.5	2.5	PASS
n77	30	50	650000	1@1	DFT_BPSK	-5.86	-0.00156	-2.5	2.5	PASS
n77	30	50	650000	1@131	DFT_BPSK	-6.73	-0.00179	-2.5	2.5	PASS
n77	30	50	650000	64@32	DFT_QPSK	-7.48	-0.00199	-2.5	2.5	PASS
n77	30	50	650000	1@1	DFT_QPSK	-4.26	-0.00114	-2.5	2.5	PASS
n77	30	50	650000	1@131	DFT_QPSK	-3.14	-0.00084	-2.5	2.5	PASS
n77	30	50	678332	64@32	DFT_BPSK	-6.46	-0.00155	-2.5	2.5	PASS
n77	30	50	678332	1@1	DFT_BPSK	-6.82	-0.00163	-2.5	2.5	PASS
n77	30	50	678332	1@131	DFT_BPSK	-8.19	-0.00196	-2.5	2.5	PASS
n77	30	50	678332	64@32	DFT_QPSK	-10.46	-0.00251	-2.5	2.5	PASS
n77	30	50	678332	1@1	DFT_QPSK	-6.31	-0.00151	-2.5	2.5	PASS
n77	30	50	678332	1@131	DFT_QPSK	-12.80	-0.00307	-2.5	2.5	PASS
n77	30	100	623334	135@67	DFT_BPSK	-8.29	-0.00247	-2.5	2.5	PASS
n77	30	100	623334	1@1	DFT_BPSK	-5.83	-0.00174	-2.5	2.5	PASS
n77	30	100	623334	1@271	DFT_BPSK	-4.80	-0.00143	-2.5	2.5	PASS

n77	30	100	623334	135@67	DFT_QPSK	-5.85	-0.00175	-2.5	2.5	PASS
n77	30	100	623334	1@1	DFT_QPSK	-5.06	-0.00151	-2.5	2.5	PASS
n77	30	100	623334	1@271	DFT_QPSK	-5.95	-0.00178	-2.5	2.5	PASS
n77	30	100	650000	135@67	DFT_BPSK	-12.97	-0.00346	-2.5	2.5	PASS
n77	30	100	650000	1@1	DFT_BPSK	-4.21	-0.00112	-2.5	2.5	PASS
n77	30	100	650000	1@271	DFT_BPSK	-7.47	-0.00199	-2.5	2.5	PASS
n77	30	100	650000	135@67	DFT_QPSK	-4.99	-0.00133	-2.5	2.5	PASS
n77	30	100	650000	1@1	DFT_QPSK	-9.55	-0.00255	-2.5	2.5	PASS
n77	30	100	650000	1@271	DFT_QPSK	-4.96	-0.00132	-2.5	2.5	PASS
n77	30	100	676666	135@67	DFT_BPSK	-9.09	-0.00219	-2.5	2.5	PASS
n77	30	100	676666	1@1	DFT_BPSK	-10.08	-0.00243	-2.5	2.5	PASS
n77	30	100	676666	1@271	DFT_BPSK	-10.38	-0.00250	-2.5	2.5	PASS
n77	30	100	676666	135@67	DFT_QPSK	-9.12	-0.00220	-2.5	2.5	PASS
n77	30	100	676666	1@1	DFT_QPSK	-10.50	-0.00253	-2.5	2.5	PASS
n77	30	100	676666	1@271	DFT_QPSK	-7.79	-0.00188	-2.5	2.5	PASS

3 Peak-to-Average Ratio for EN-DC

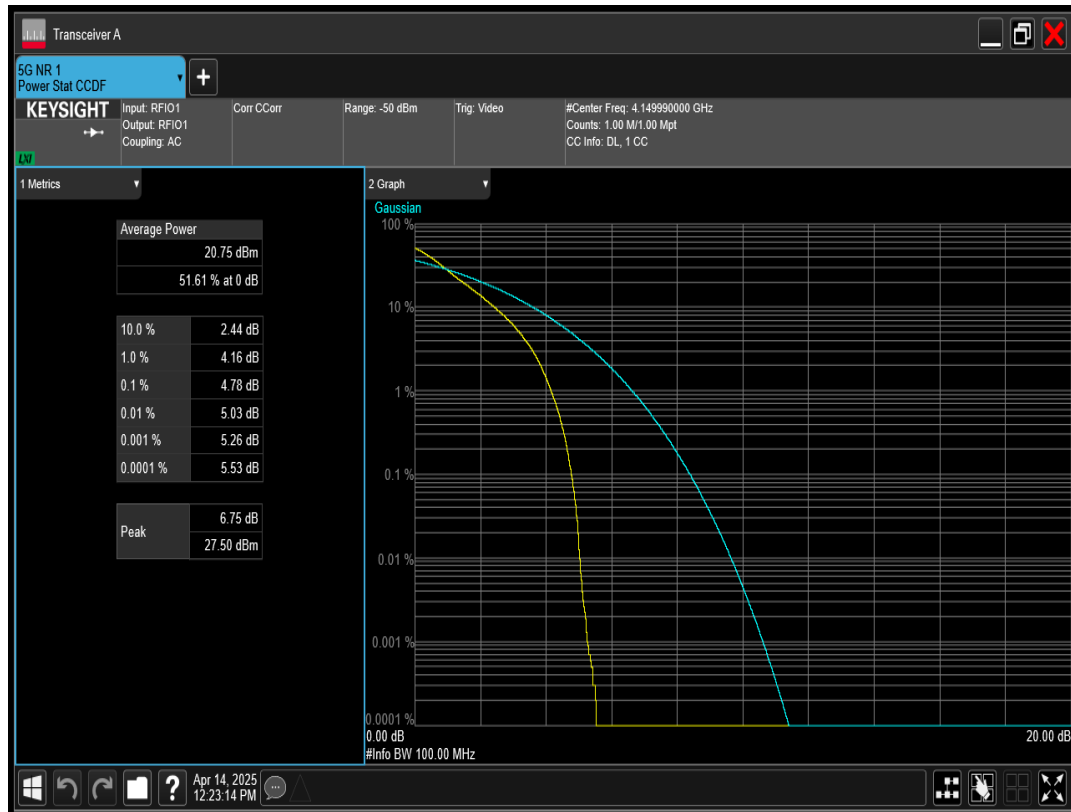
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77	30	10	620334	24@0	DFT_BPSK	4.20	13	PASS
n77	30	10	620334	24@0	DFT_QPSK	5.44	13	PASS
n77	30	10	620334	24@0	DFT_QAM16	6.13	13	PASS
n77	30	10	620334	24@0	DFT_QAM64	6.39	13	PASS
n77	30	10	620334	24@0	DFT_QAM256	6.74	13	PASS
n77	30	10	650000	24@0	DFT_BPSK	4.41	13	PASS
n77	30	10	650000	24@0	DFT_QPSK	5.35	13	PASS
n77	30	10	650000	24@0	DFT_QAM16	6.24	13	PASS
n77	30	10	650000	24@0	DFT_QAM64	6.50	13	PASS
n77	30	10	650000	24@0	DFT_QAM256	6.68	13	PASS
n77	30	10	679666	24@0	DFT_BPSK	4.66	13	PASS
n77	30	10	679666	24@0	DFT_QPSK	5.54	13	PASS
n77	30	10	679666	24@0	DFT_QAM16	6.34	13	PASS
n77	30	10	679666	24@0	DFT_QAM64	6.53	13	PASS
n77	30	10	679666	24@0	DFT_QAM256	6.66	13	PASS
n77	30	15	620500	36@0	DFT_BPSK	4.22	13	PASS
n77	30	15	620500	36@0	DFT_QPSK	5.52	13	PASS
n77	30	15	620500	36@0	DFT_QAM16	6.55	13	PASS
n77	30	15	620500	36@0	DFT_QAM64	6.25	13	PASS
n77	30	15	620500	36@0	DFT_QAM256	6.88	13	PASS
n77	30	15	650000	36@0	DFT_BPSK	4.17	13	PASS
n77	30	15	650000	36@0	DFT_QPSK	5.45	13	PASS
n77	30	15	650000	36@0	DFT_QAM16	6.00	13	PASS
n77	30	15	650000	36@0	DFT_QAM64	6.24	13	PASS
n77	30	15	650000	36@0	DFT_QAM256	6.66	13	PASS
n77	30	15	679500	36@0	DFT_BPSK	4.42	13	PASS
n77	30	15	679500	36@0	DFT_QPSK	5.63	13	PASS
n77	30	15	679500	36@0	DFT_QAM16	6.18	13	PASS
n77	30	15	679500	36@0	DFT_QAM64	6.66	13	PASS
n77	30	15	679500	36@0	DFT_QAM256	6.87	13	PASS
n77	30	20	620668	50@0	DFT_BPSK	4.32	13	PASS
n77	30	20	620668	50@0	DFT_QPSK	5.75	13	PASS
n77	30	20	620668	50@0	DFT_QAM16	6.35	13	PASS
n77	30	20	620668	50@0	DFT_QAM64	6.46	13	PASS
n77	30	20	620668	50@0	DFT_QAM256	7.01	13	PASS
n77	30	20	650000	50@0	DFT_BPSK	4.17	13	PASS
n77	30	20	650000	50@0	DFT_QPSK	5.50	13	PASS
n77	30	20	650000	50@0	DFT_QAM16	5.93	13	PASS
n77	30	20	650000	50@0	DFT_QAM64	6.39	13	PASS

n77	30	20	650000	50@0	DFT_QAM256	6.65	13	PASS
n77	30	20	679332	50@0	DFT_BPSK	4.78	13	PASS
n77	30	20	679332	50@0	DFT_QPSK	5.41	13	PASS
n77	30	20	679332	50@0	DFT_QAM16	6.09	13	PASS
n77	30	20	679332	50@0	DFT_QAM64	6.50	13	PASS
n77	30	20	679332	50@0	DFT_QAM256	6.99	13	PASS
n77	30	40	621334	100@0	DFT_BPSK	4.23	13	PASS
n77	30	40	621334	100@0	DFT_QPSK	5.40	13	PASS
n77	30	40	621334	100@0	DFT_QAM16	6.18	13	PASS
n77	30	40	621334	100@0	DFT_QAM64	6.42	13	PASS
n77	30	40	621334	100@0	DFT_QAM256	6.96	13	PASS
n77	30	40	650000	100@0	DFT_BPSK	5.58	13	PASS
n77	30	40	650000	100@0	DFT_QPSK	5.46	13	PASS
n77	30	40	650000	100@0	DFT_QAM16	6.34	13	PASS
n77	30	40	650000	100@0	DFT_QAM64	6.45	13	PASS
n77	30	40	650000	100@0	DFT_QAM256	6.74	13	PASS
n77	30	40	678666	100@0	DFT_BPSK	5.10	13	PASS
n77	30	40	678666	100@0	DFT_QPSK	5.77	13	PASS
n77	30	40	678666	100@0	DFT_QAM16	6.64	13	PASS
n77	30	40	678666	100@0	DFT_QAM64	6.49	13	PASS
n77	30	40	678666	100@0	DFT_QAM256	6.83	13	PASS
n77	30	50	621668	128@0	DFT_BPSK	4.32	13	PASS
n77	30	50	621668	128@0	DFT_QPSK	5.77	13	PASS
n77	30	50	621668	128@0	DFT_QAM16	6.12	13	PASS
n77	30	50	621668	128@0	DFT_QAM64	6.54	13	PASS
n77	30	50	621668	128@0	DFT_QAM256	6.83	13	PASS
n77	30	50	650000	128@0	DFT_BPSK	4.26	13	PASS
n77	30	50	650000	128@0	DFT_QPSK	5.37	13	PASS
n77	30	50	650000	128@0	DFT_QAM16	6.03	13	PASS
n77	30	50	650000	128@0	DFT_QAM64	6.53	13	PASS
n77	30	50	650000	128@0	DFT_QAM256	6.55	13	PASS
n77	30	50	678332	128@0	DFT_BPSK	4.55	13	PASS
n77	30	50	678332	128@0	DFT_QPSK	6.03	13	PASS
n77	30	50	678332	128@0	DFT_QAM16	6.15	13	PASS
n77	30	50	678332	128@0	DFT_QAM64	6.46	13	PASS
n77	30	50	678332	128@0	DFT_QAM256	6.77	13	PASS
n77	30	60	622000	162@0	DFT_BPSK	4.38	13	PASS
n77	30	60	622000	162@0	DFT_QPSK	5.76	13	PASS
n77	30	60	622000	162@0	DFT_QAM16	6.16	13	PASS
n77	30	60	622000	162@0	DFT_QAM64	6.66	13	PASS
n77	30	60	622000	162@0	DFT_QAM256	6.81	13	PASS
n77	30	60	650000	162@0	DFT_BPSK	4.43	13	PASS
n77	30	60	650000	162@0	DFT_QPSK	5.30	13	PASS
n77	30	60	650000	162@0	DFT_QAM16	6.40	13	PASS

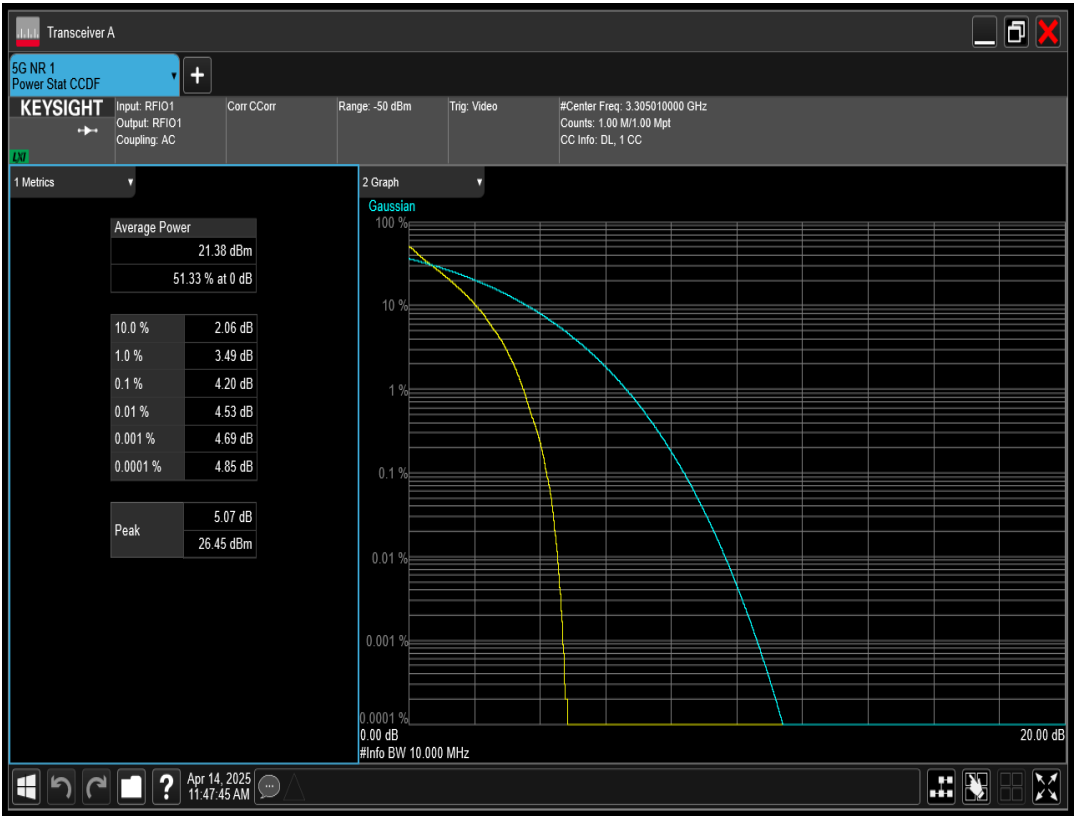
n77	30	60	650000	162@0	DFT_QAM64	6.24	13	PASS
n77	30	60	650000	162@0	DFT_QAM256	6.50	13	PASS
n77	30	60	678000	162@0	DFT_BPSK	4.34	13	PASS
n77	30	60	678000	162@0	DFT_QPSK	5.56	13	PASS
n77	30	60	678000	162@0	DFT_QAM16	6.58	13	PASS
n77	30	60	678000	162@0	DFT_QAM64	6.43	13	PASS
n77	30	60	678000	162@0	DFT_QAM256	6.77	13	PASS
n77	30	80	622668	216@0	DFT_BPSK	4.95	13	PASS
n77	30	80	622668	216@0	DFT_QPSK	5.76	13	PASS
n77	30	80	622668	216@0	DFT_QAM16	6.48	13	PASS
n77	30	80	622668	216@0	DFT_QAM64	6.57	13	PASS
n77	30	80	622668	216@0	DFT_QAM256	6.75	13	PASS
n77	30	80	650000	216@0	DFT_BPSK	4.24	13	PASS
n77	30	80	650000	216@0	DFT_QPSK	5.33	13	PASS
n77	30	80	650000	216@0	DFT_QAM16	6.39	13	PASS
n77	30	80	650000	216@0	DFT_QAM64	6.59	13	PASS
n77	30	80	650000	216@0	DFT_QAM256	6.88	13	PASS
n77	30	80	677332	216@0	DFT_BPSK	4.26	13	PASS
n77	30	80	677332	216@0	DFT_QPSK	5.83	13	PASS
n77	30	80	677332	216@0	DFT_QAM16	6.10	13	PASS
n77	30	80	677332	216@0	DFT_QAM64	6.78	13	PASS
n77	30	80	677332	216@0	DFT_QAM256	6.64	13	PASS
n77	30	90	623000	240@0	DFT_BPSK	4.30	13	PASS
n77	30	90	623000	240@0	DFT_QPSK	5.75	13	PASS
n77	30	90	623000	240@0	DFT_QAM16	6.19	13	PASS
n77	30	90	623000	240@0	DFT_QAM64	6.33	13	PASS
n77	30	90	623000	240@0	DFT_QAM256	6.75	13	PASS
n77	30	90	650000	240@0	DFT_BPSK	4.25	13	PASS
n77	30	90	650000	240@0	DFT_QPSK	5.76	13	PASS
n77	30	90	650000	240@0	DFT_QAM16	6.93	13	PASS
n77	30	90	650000	240@0	DFT_QAM64	6.58	13	PASS
n77	30	90	650000	240@0	DFT_QAM256	6.64	13	PASS
n77	30	90	677000	240@0	DFT_BPSK	4.30	13	PASS
n77	30	90	677000	240@0	DFT_QPSK	5.46	13	PASS
n77	30	90	677000	240@0	DFT_QAM16	6.04	13	PASS
n77	30	90	677000	240@0	DFT_QAM64	6.69	13	PASS
n77	30	90	677000	240@0	DFT_QAM256	6.65	13	PASS
n77	30	100	623334	270@0	DFT_BPSK	4.76	13	PASS
n77	30	100	623334	270@0	DFT_QPSK	5.75	13	PASS
n77	30	100	623334	270@0	DFT_QAM16	6.26	13	PASS
n77	30	100	623334	270@0	DFT_QAM64	6.62	13	PASS
n77	30	100	623334	270@0	DFT_QAM256	7.23	13	PASS
n77	30	100	650000	270@0	DFT_BPSK	4.11	13	PASS
n77	30	100	650000	270@0	DFT_QPSK	5.76	13	PASS

n77	30	100	650000	270@0	DFT_QAM16	6.86	13	PASS
n77	30	100	650000	270@0	DFT_QAM64	6.84	13	PASS
n77	30	100	650000	270@0	DFT_QAM256	6.75	13	PASS
n77	30	100	676666	270@0	DFT_BPSK	4.78	13	PASS
n77	30	100	676666	270@0	DFT_QPSK	5.52	13	PASS
n77	30	100	676666	270@0	DFT_QAM16	6.29	13	PASS
n77	30	100	676666	270@0	DFT_QAM64	6.60	13	PASS
n77	30	100	676666	270@0	DFT_QAM256	6.92	13	PASS

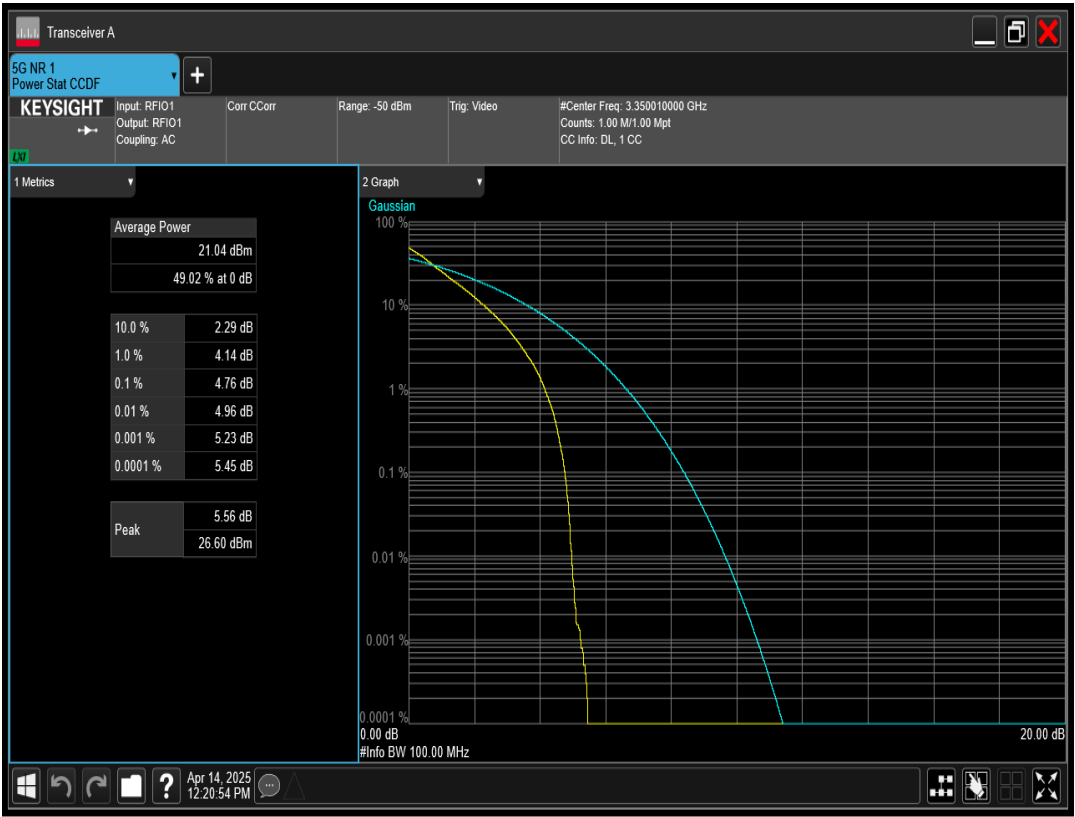
n77 SCS=30kHz DFT_BPSK BW=100MHz Channel=676666 RB=270@0



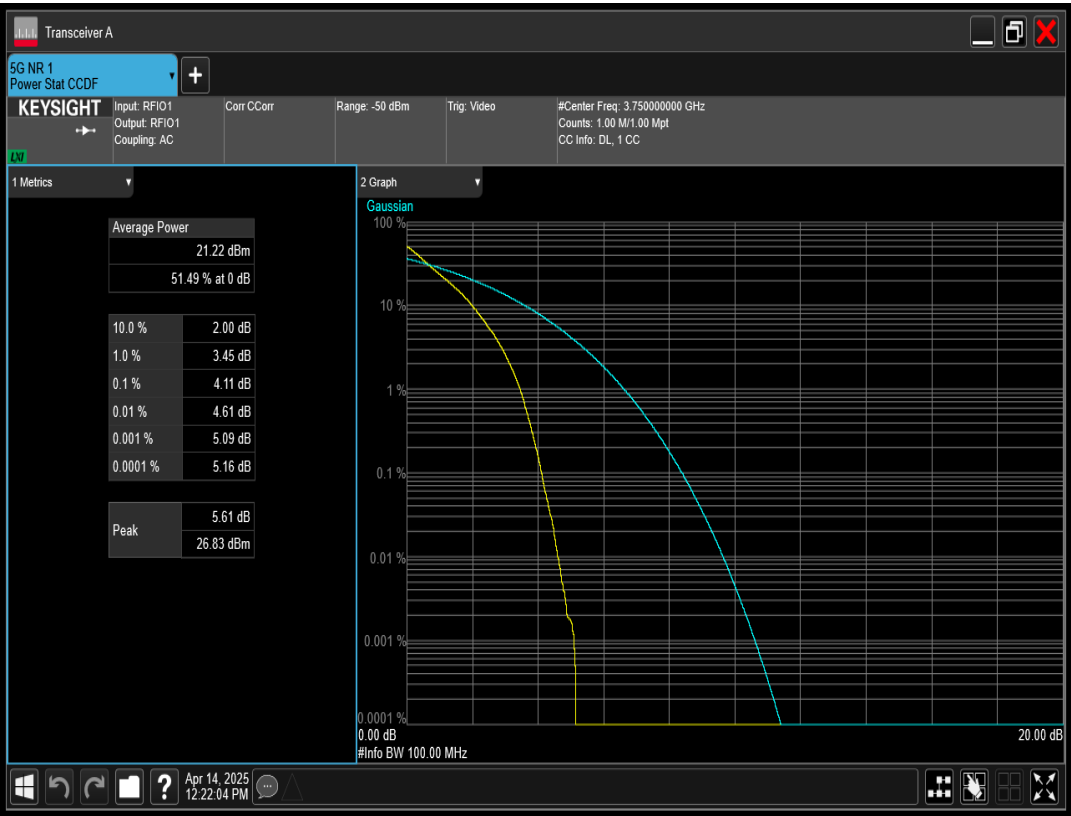
n77 SCS=30kHz DFT_BPSK BW=10MHz Channel=620334 RB=24@0



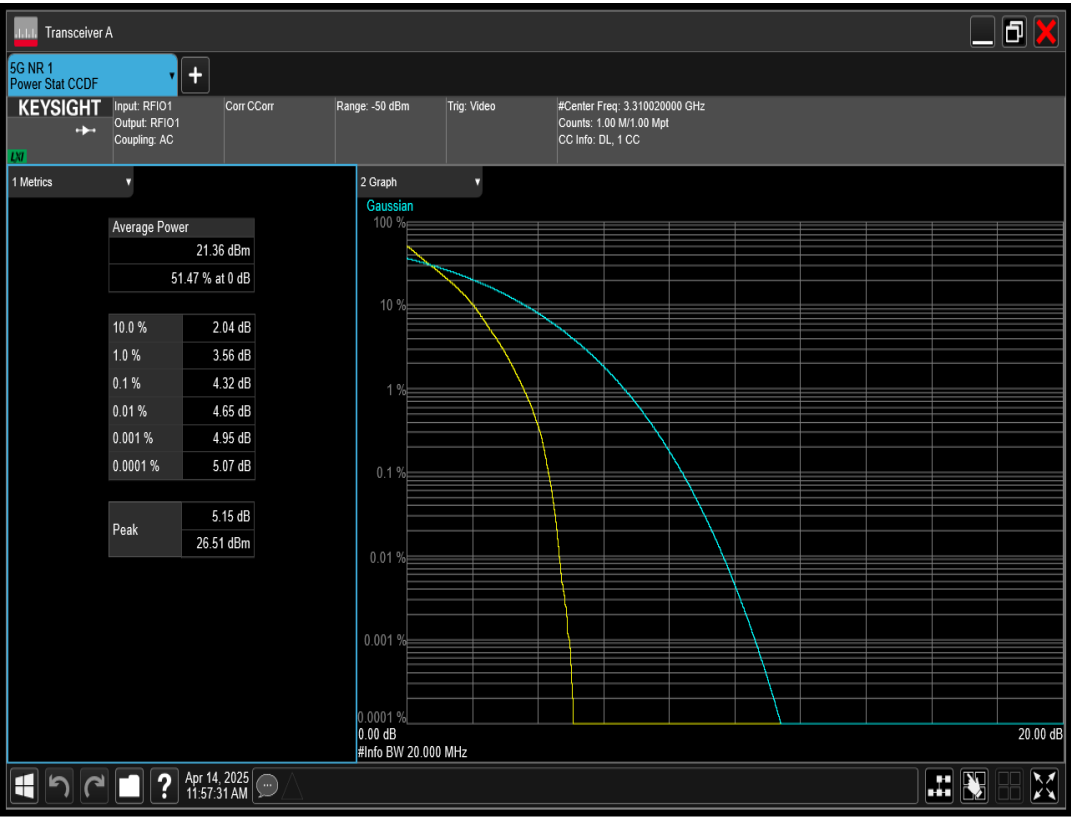
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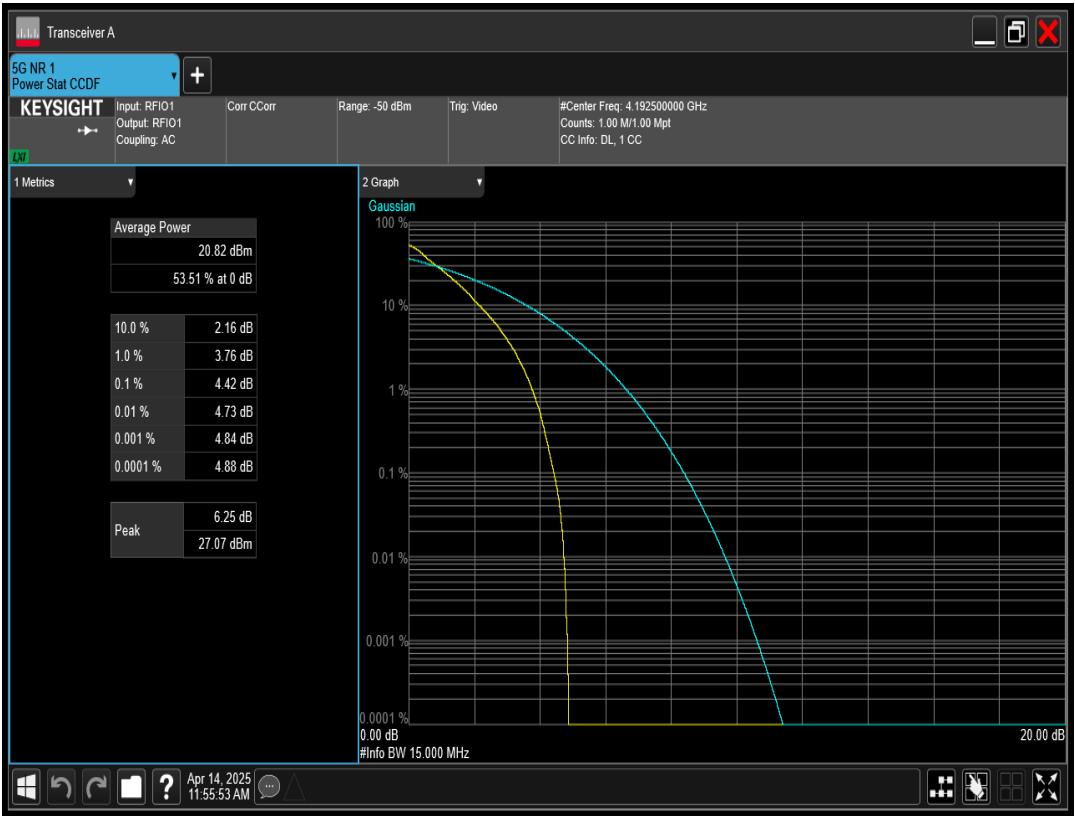
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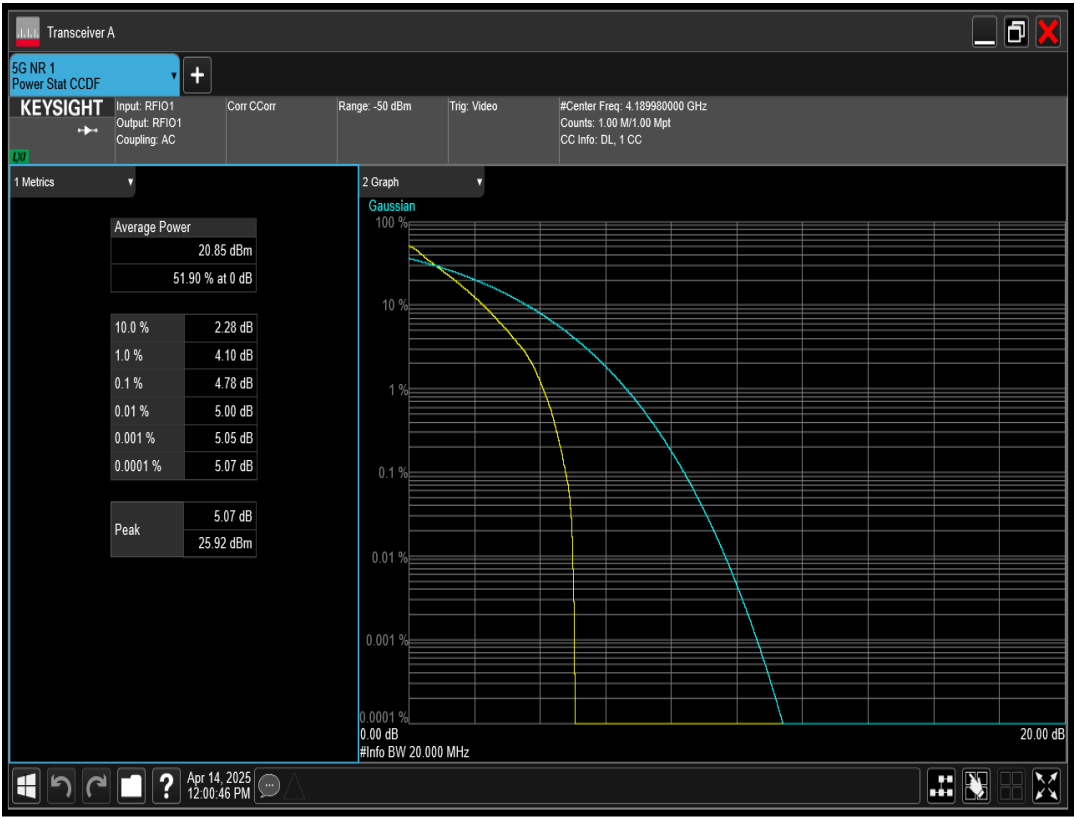
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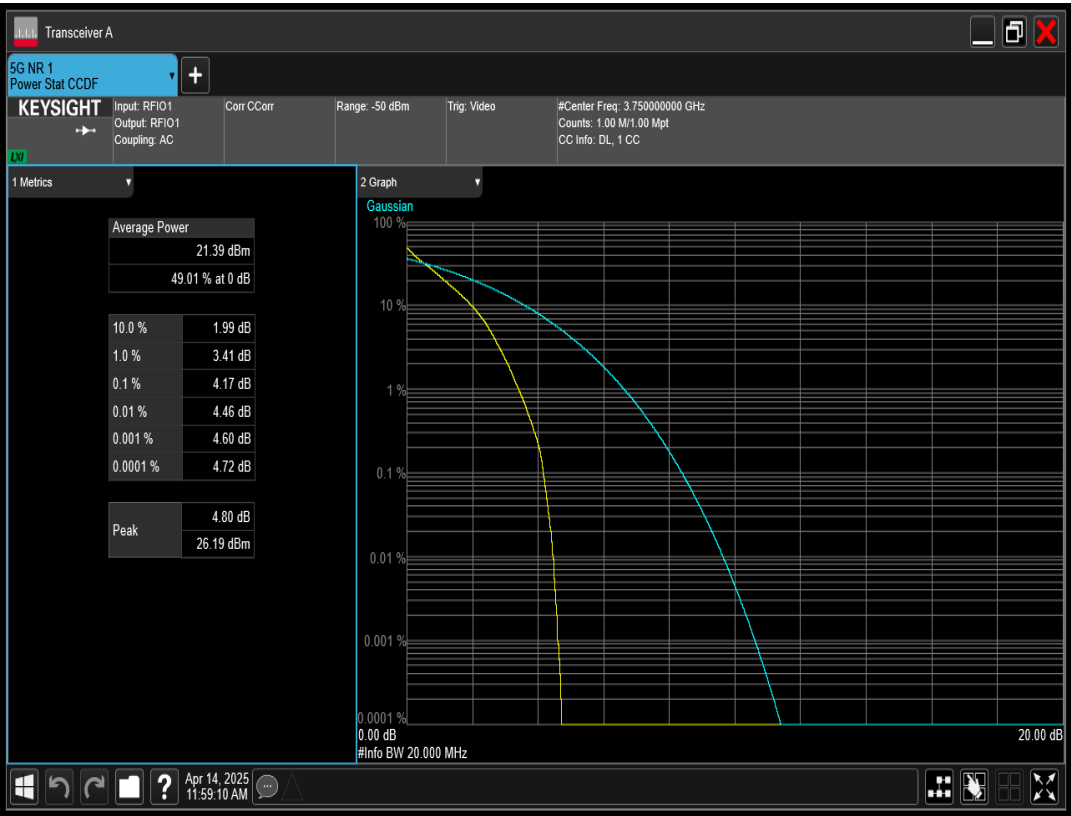
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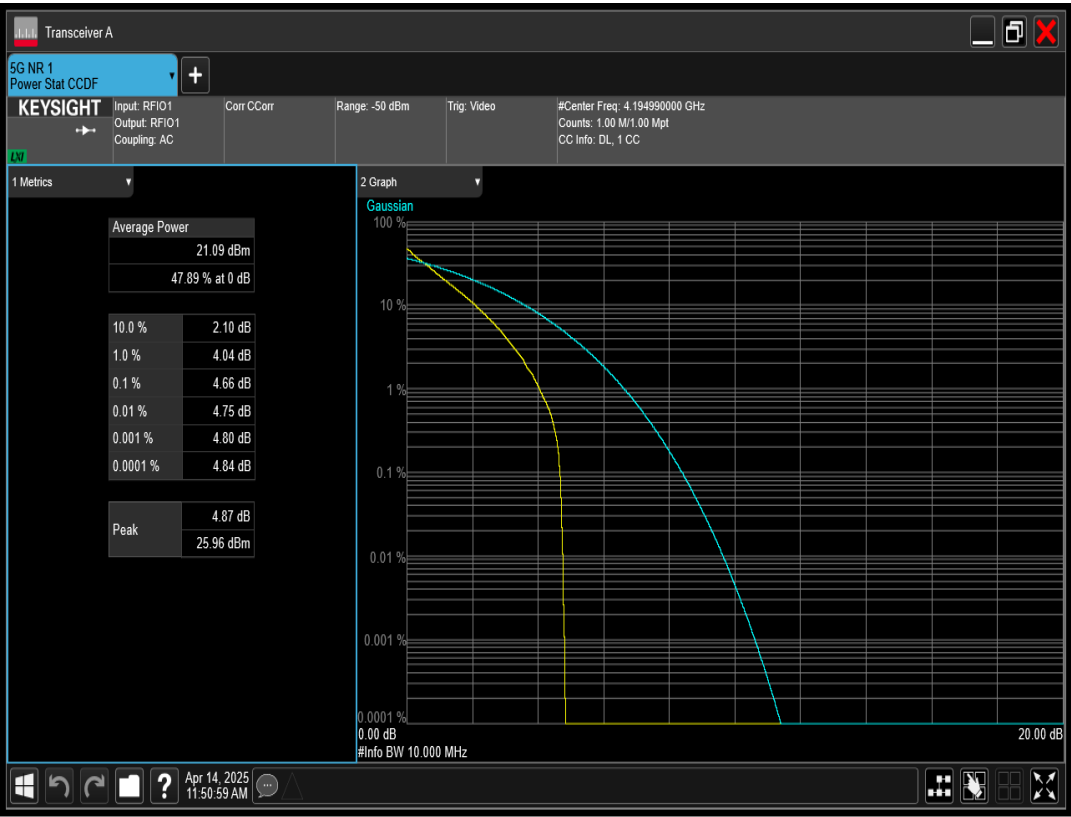
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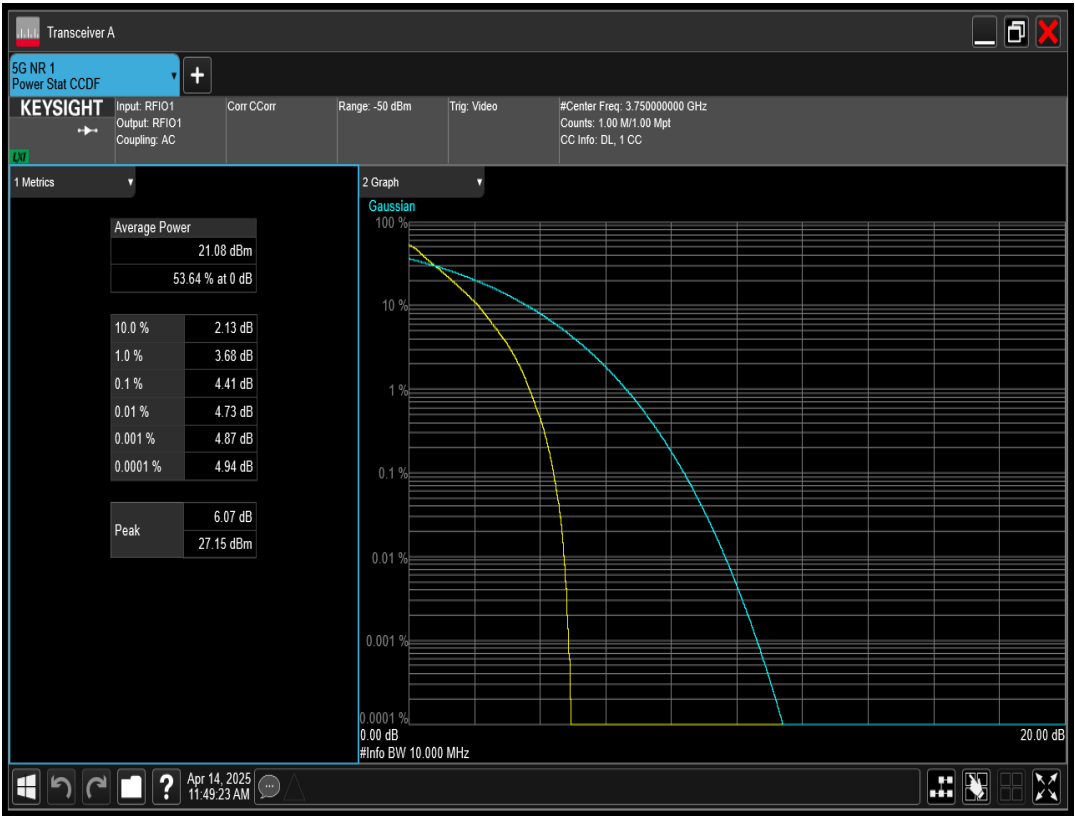
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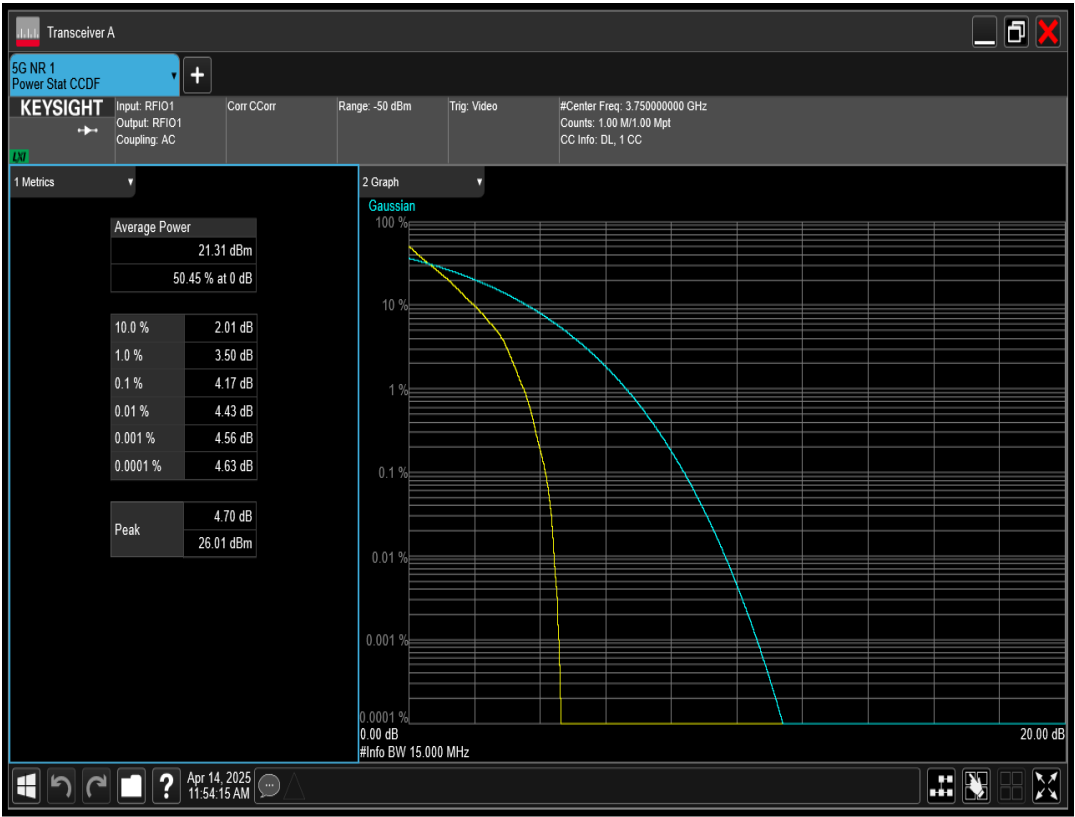
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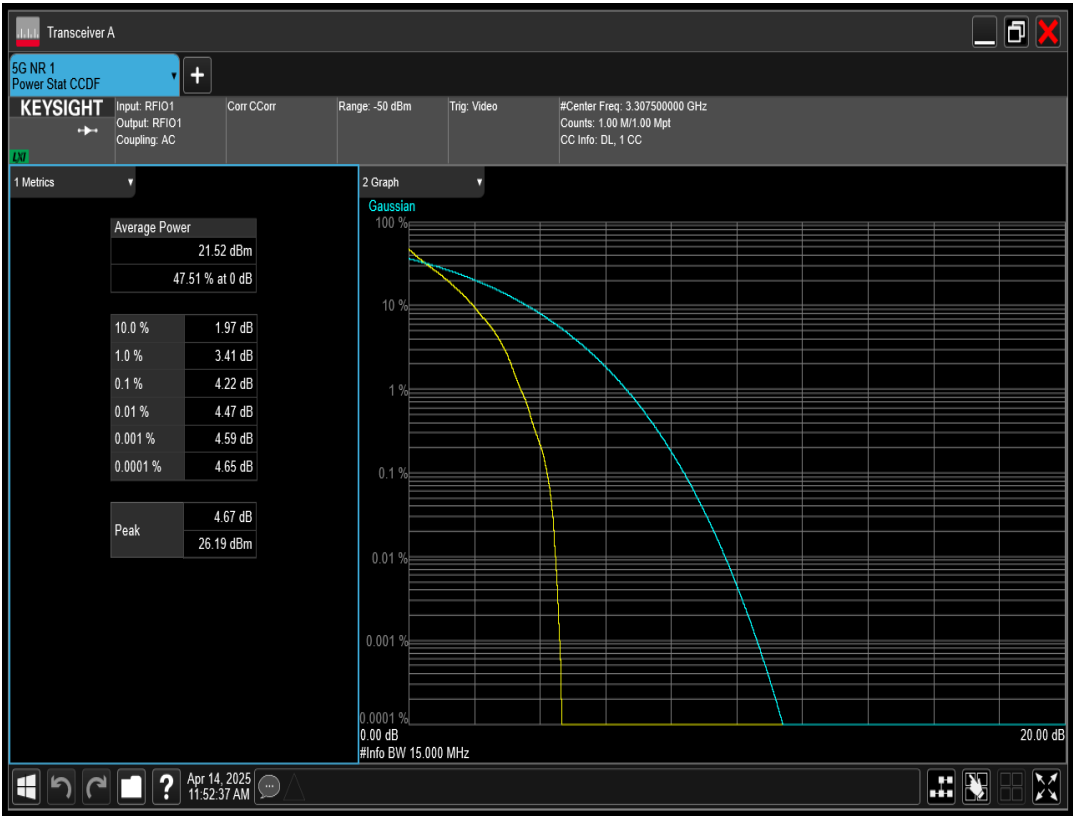
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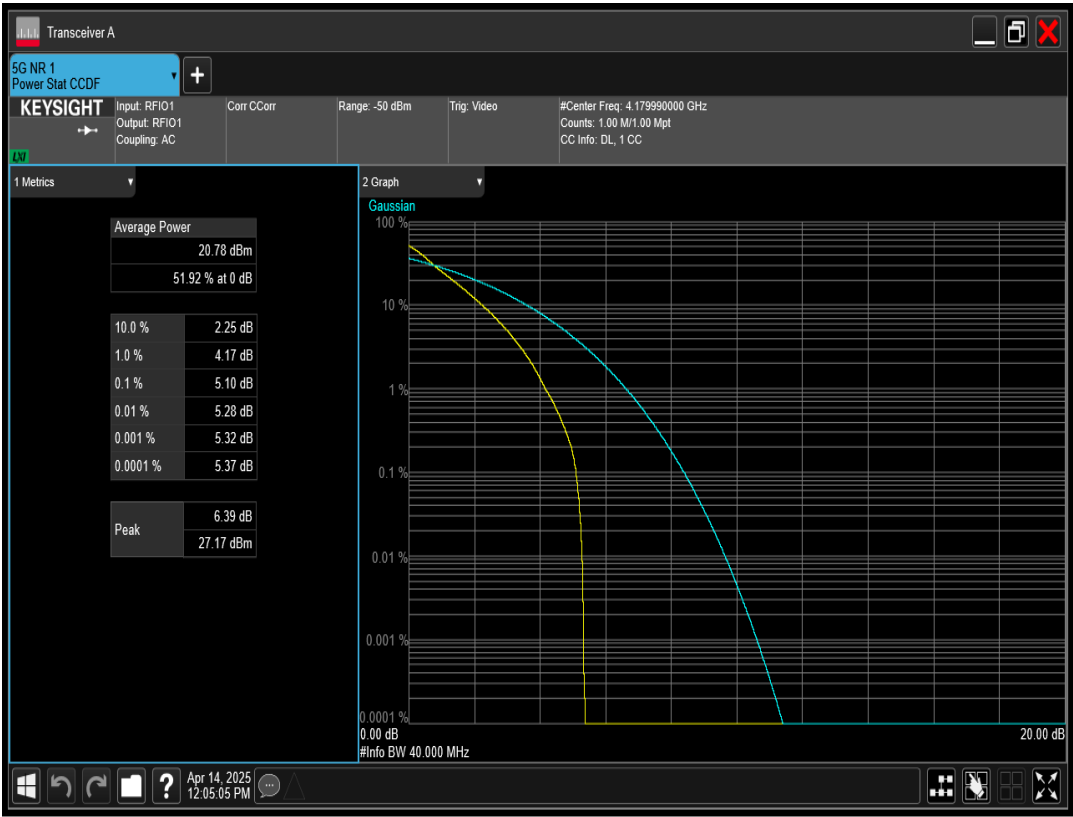
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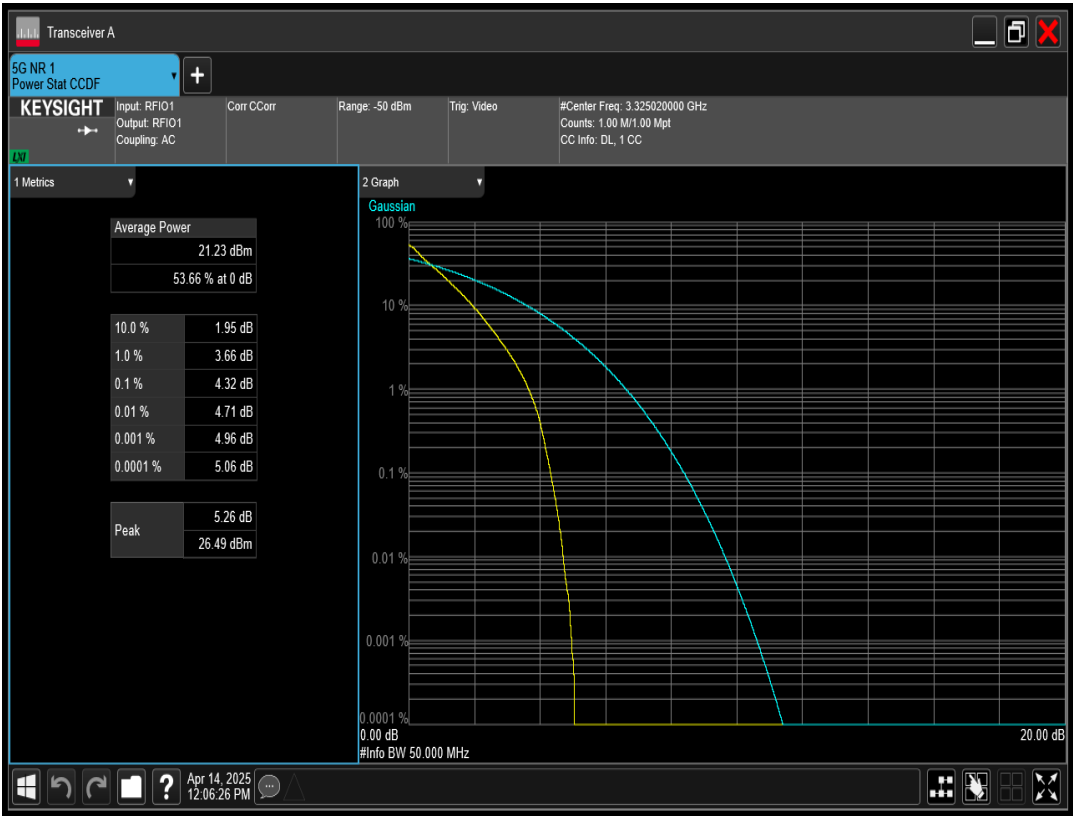
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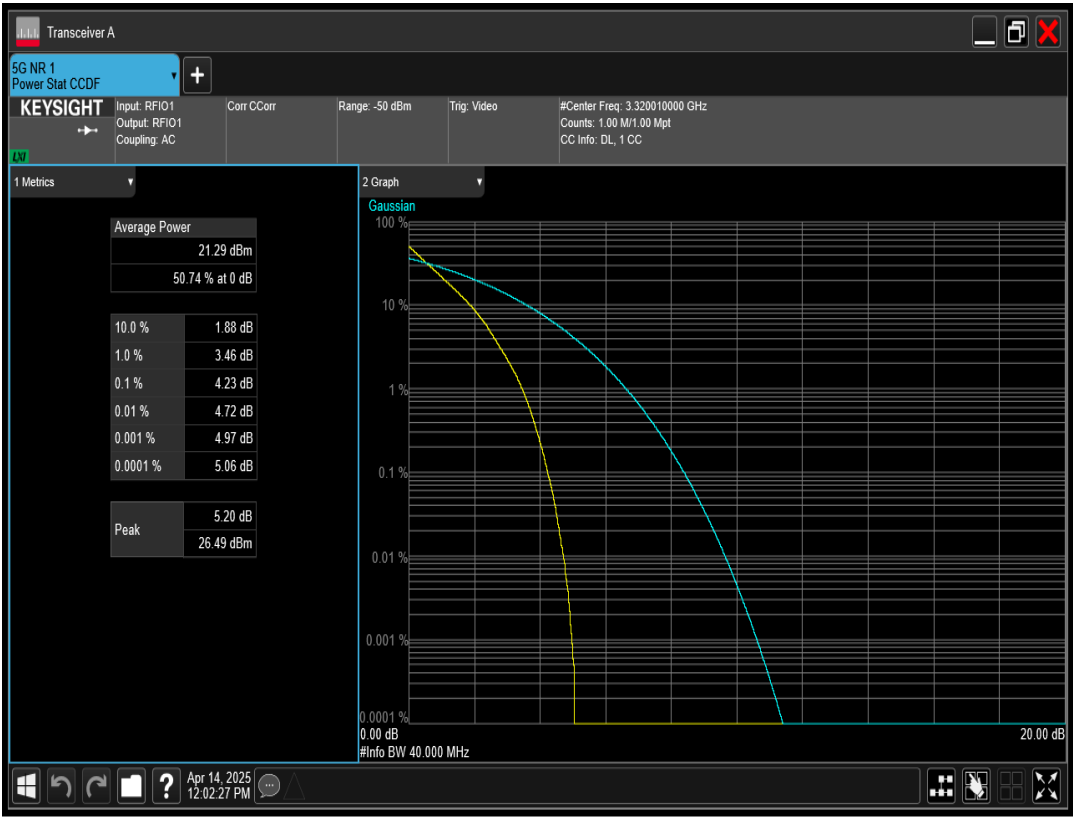
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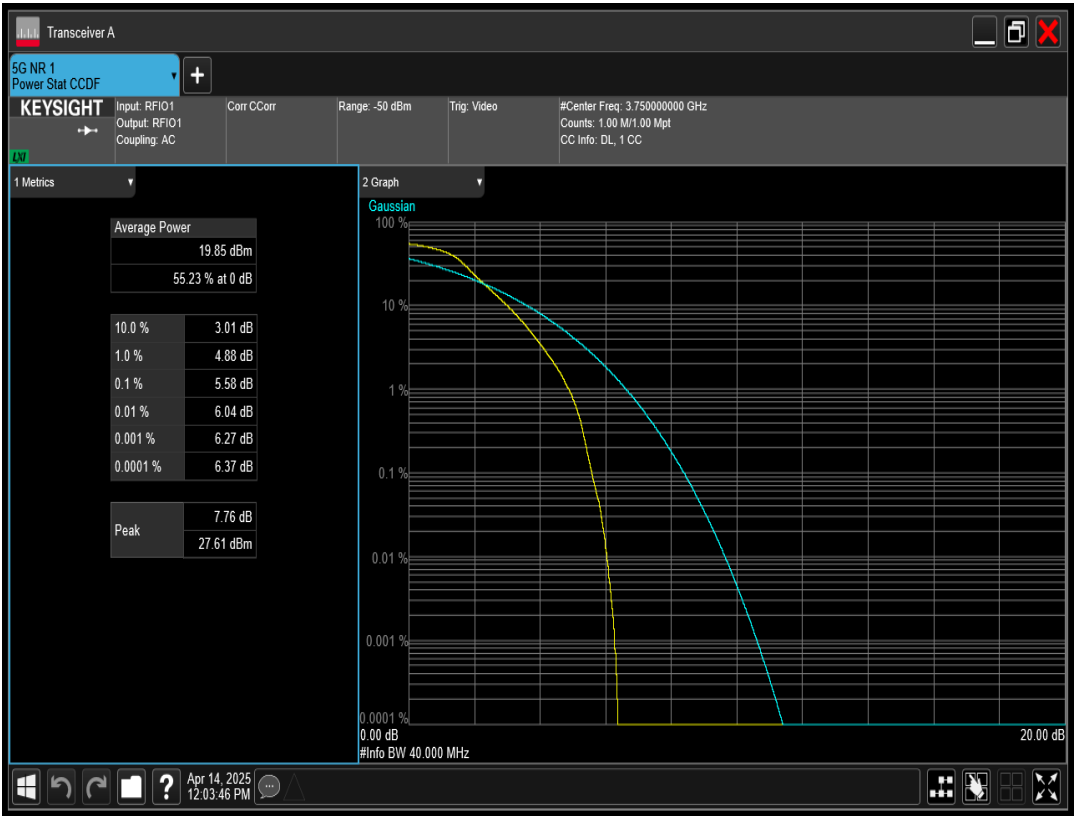
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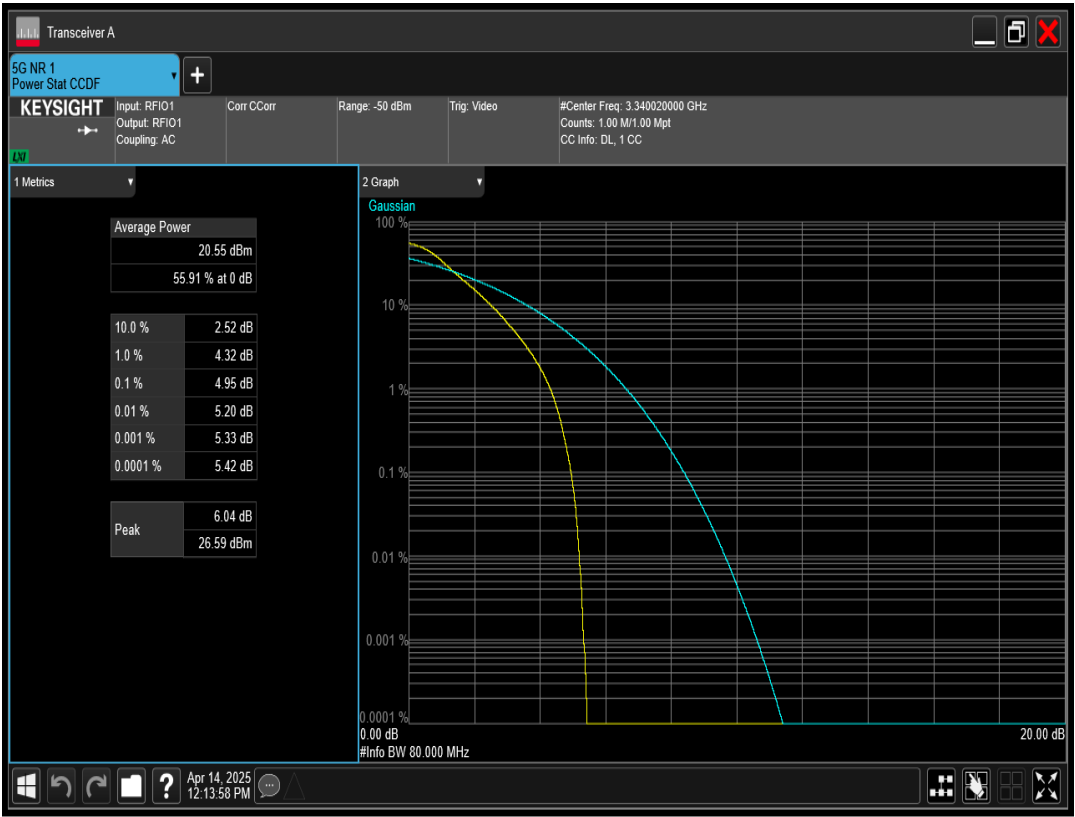
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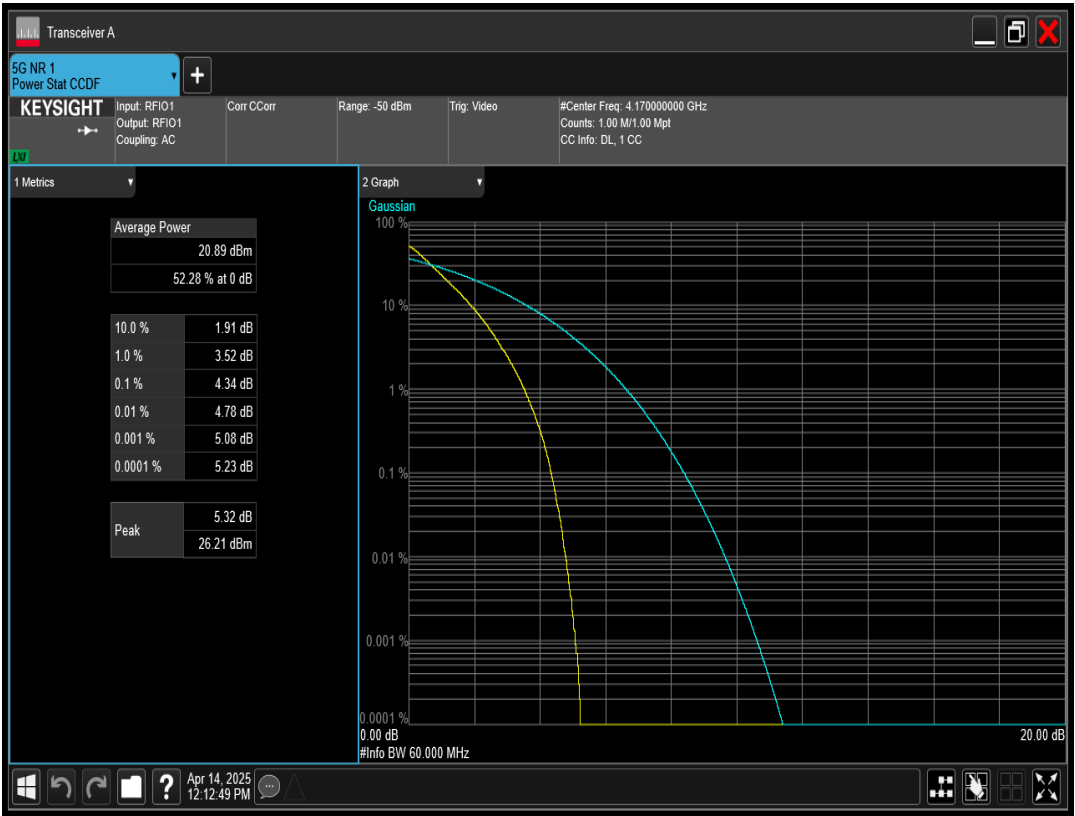
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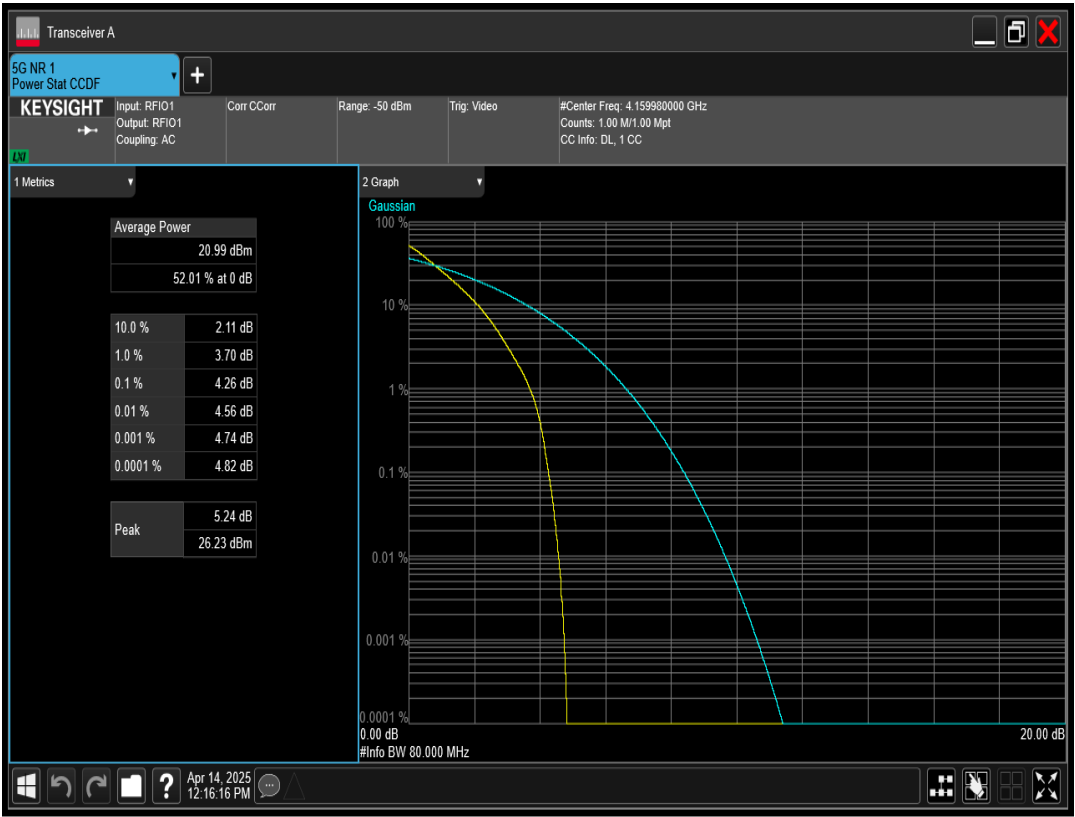
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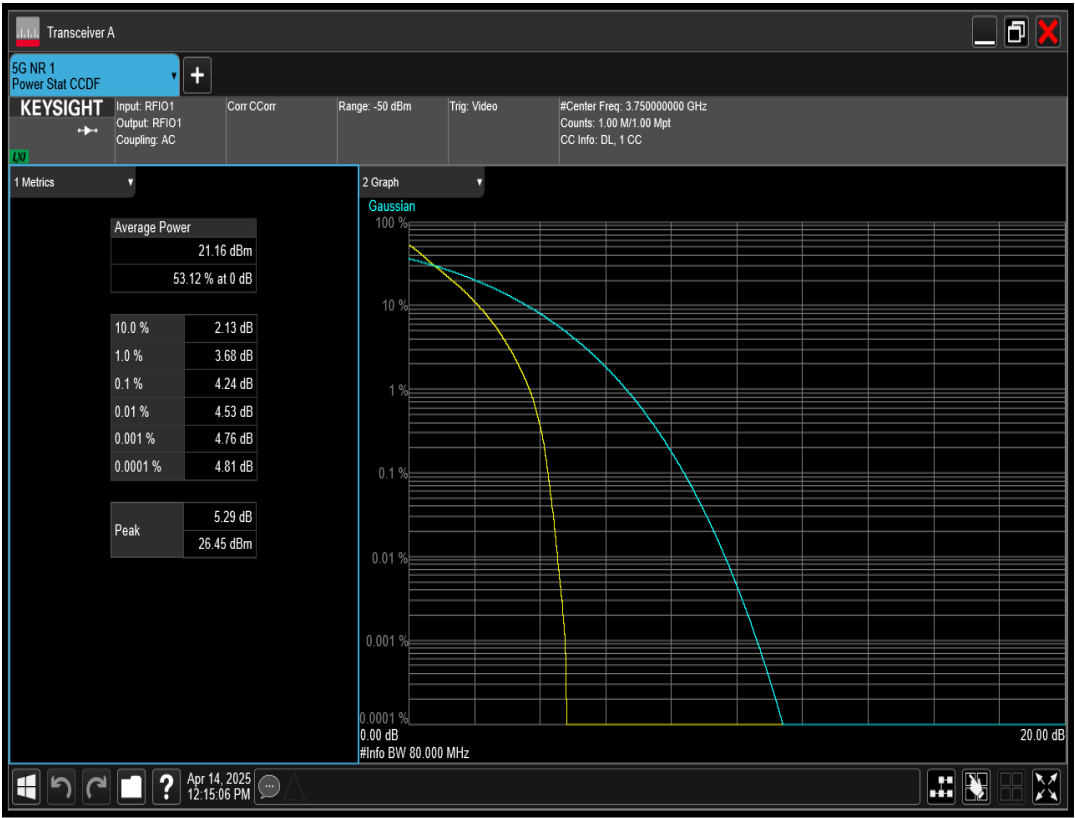
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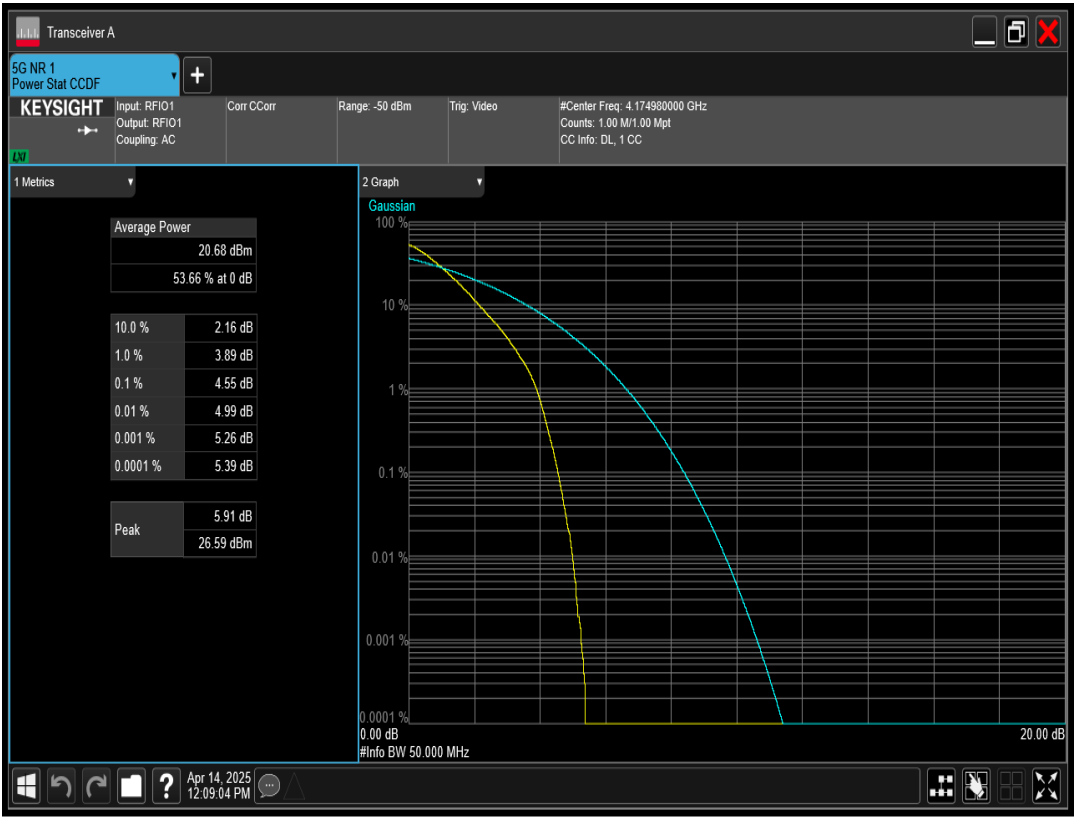
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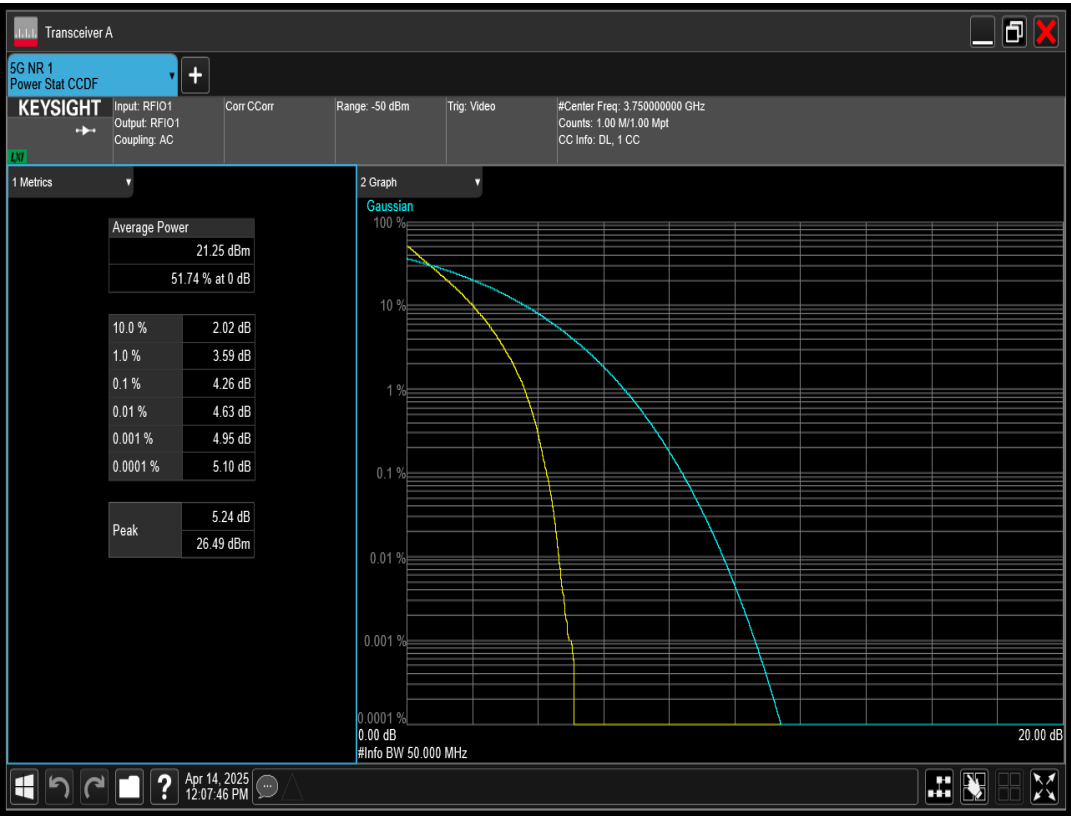
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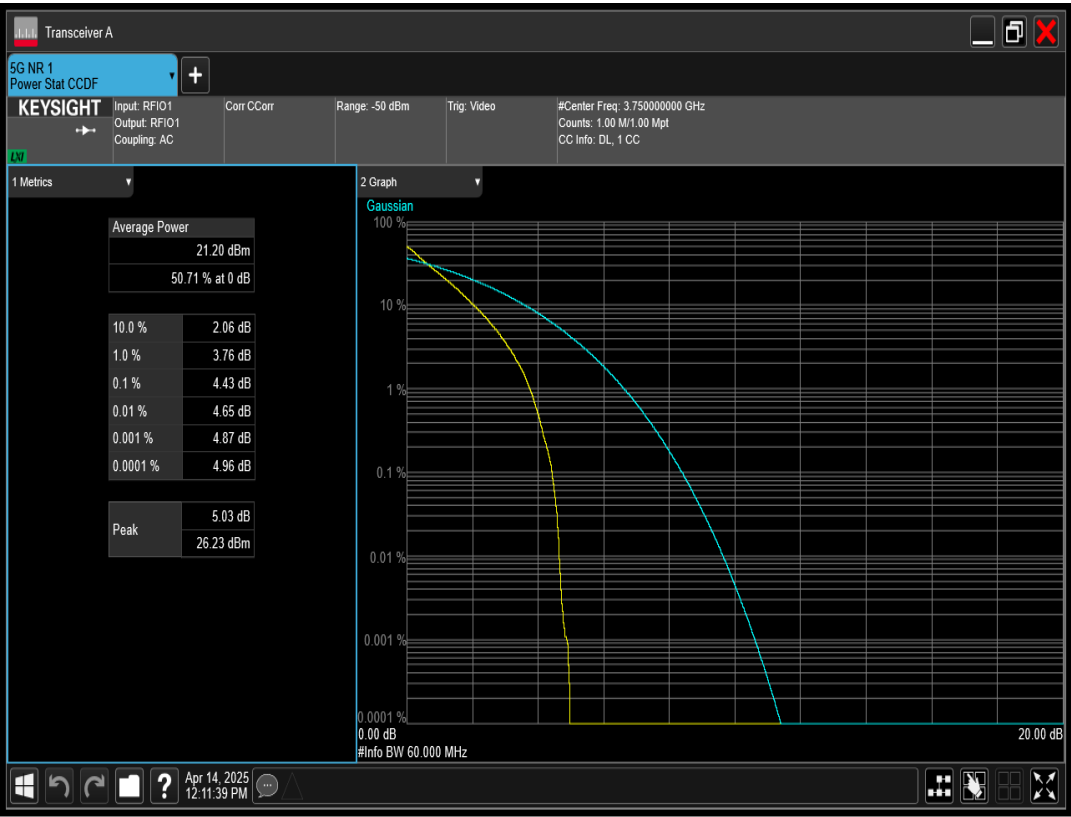
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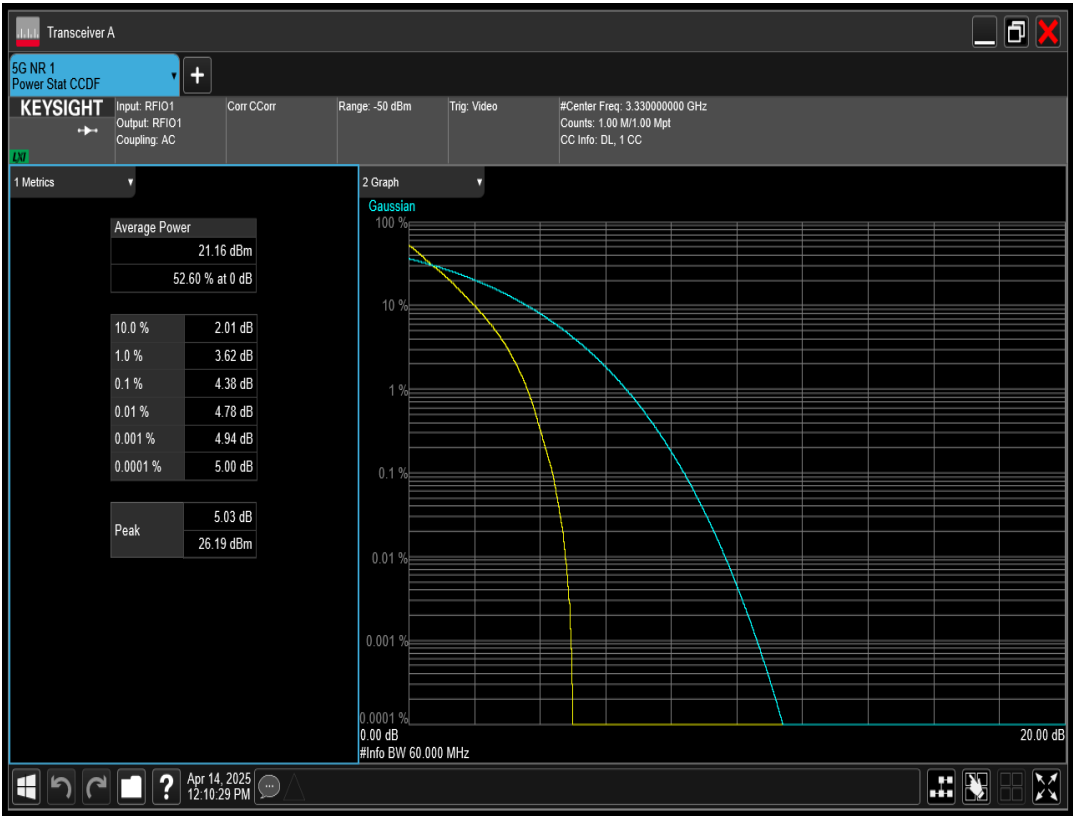
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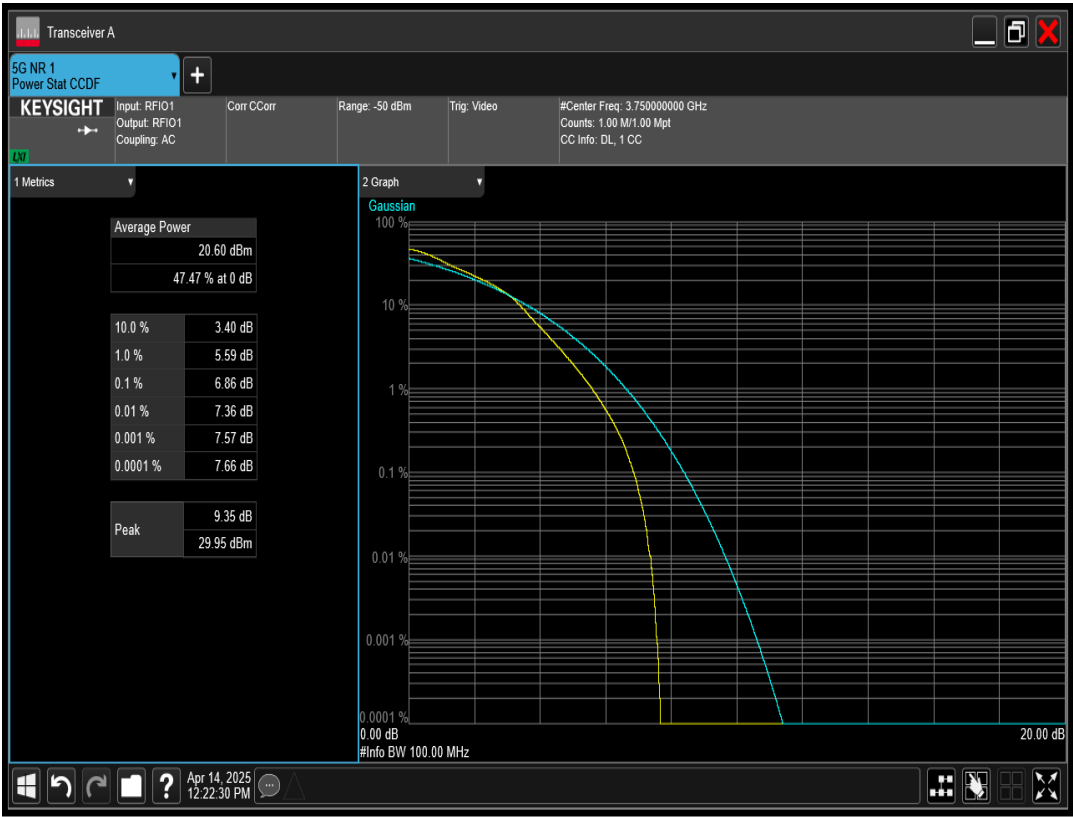
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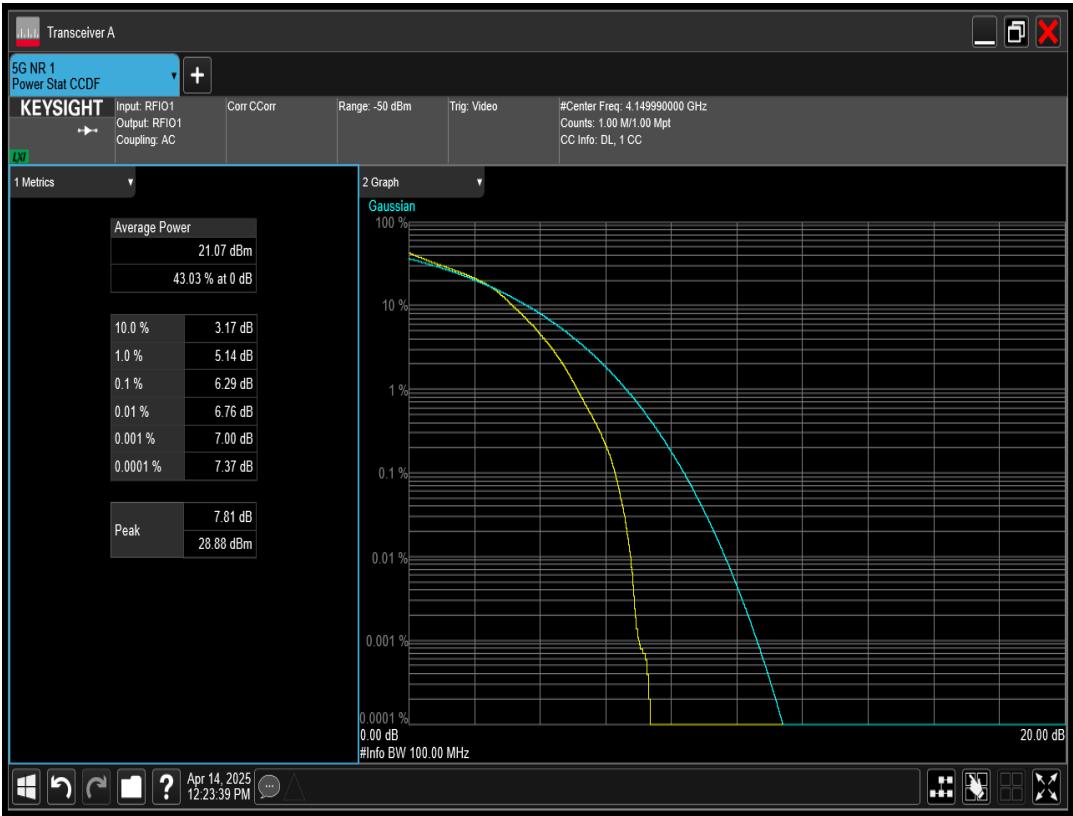
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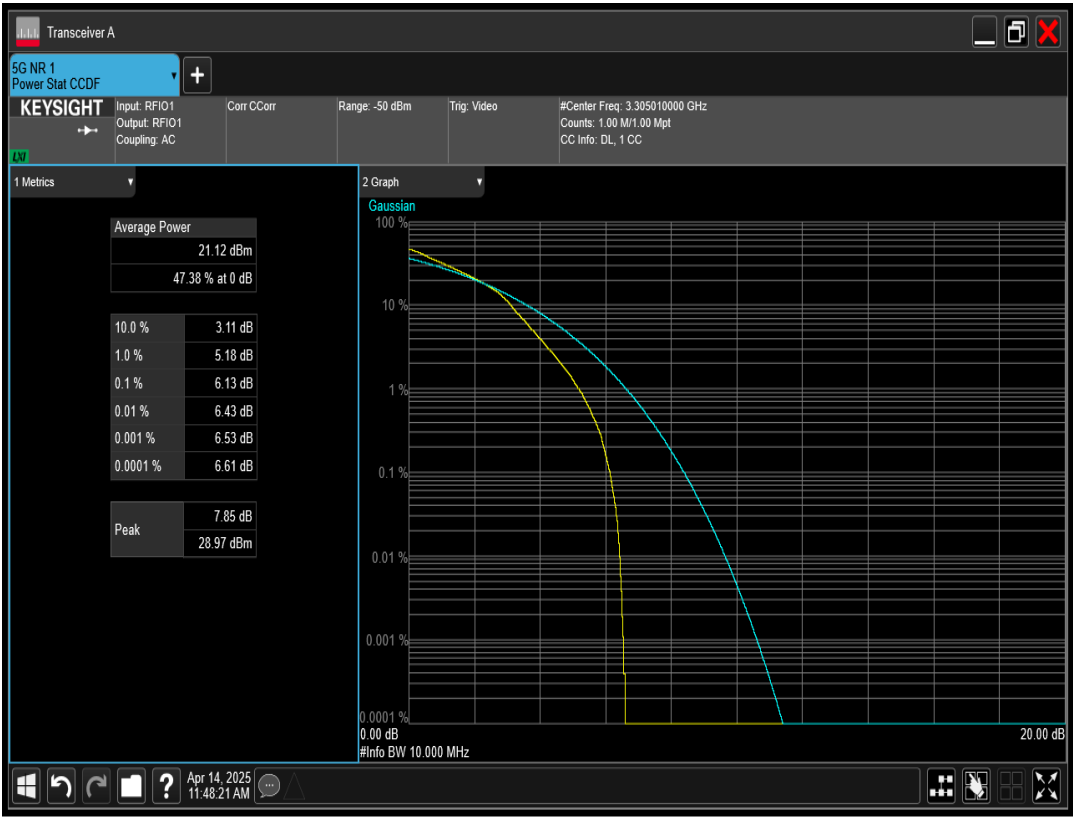
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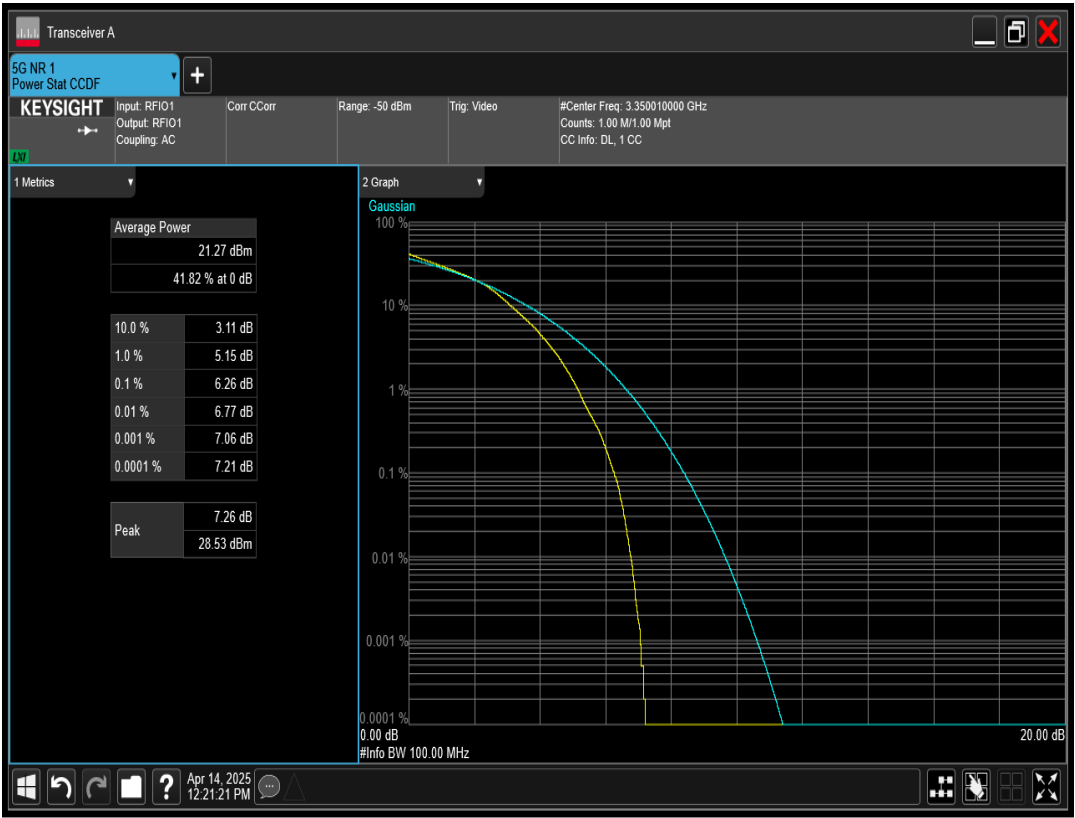
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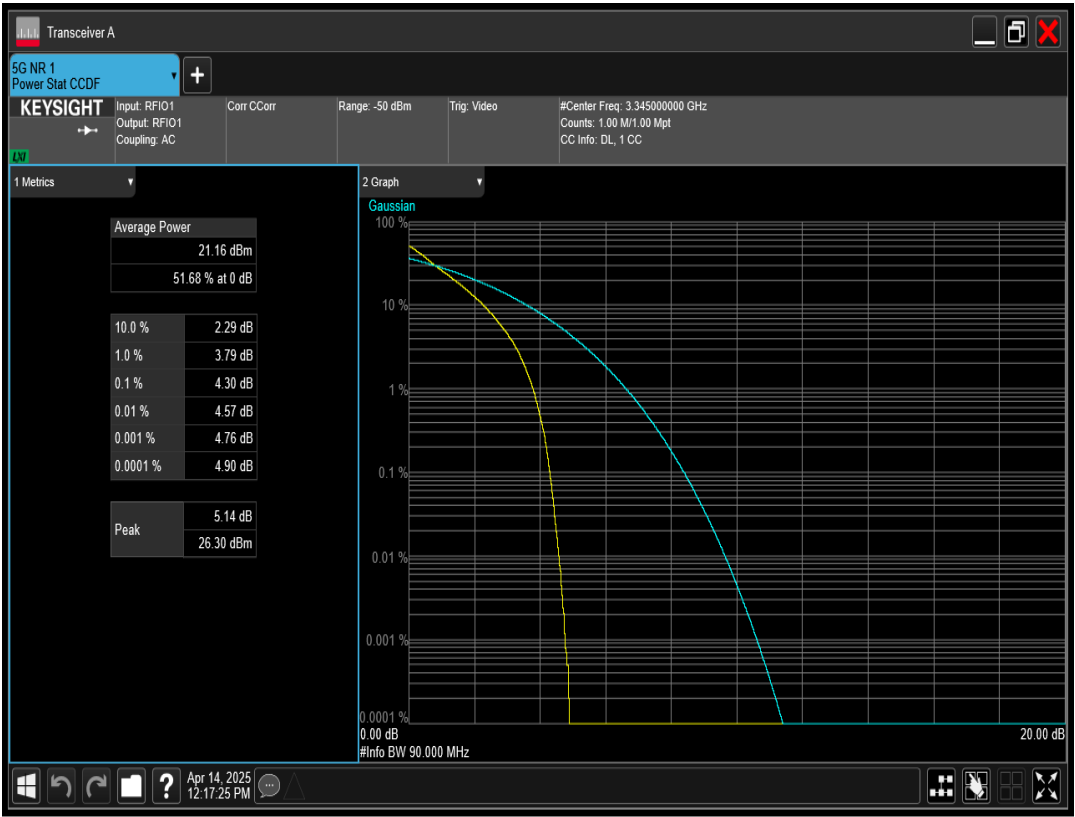
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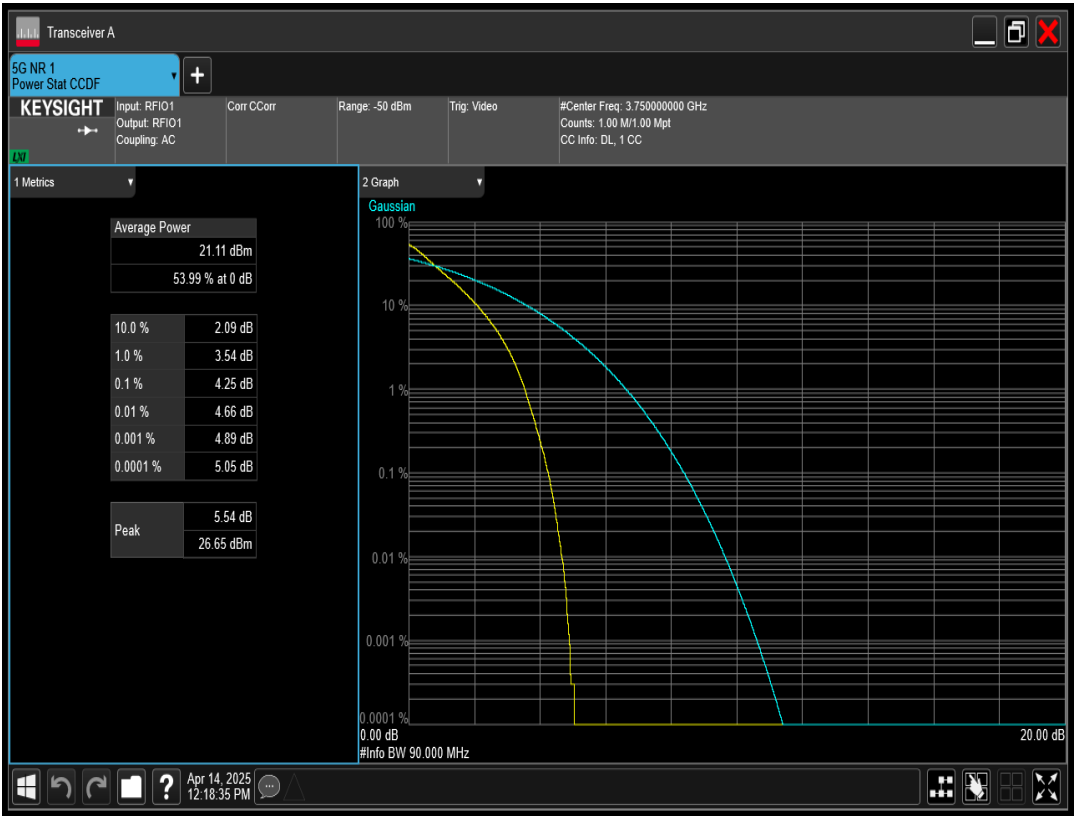
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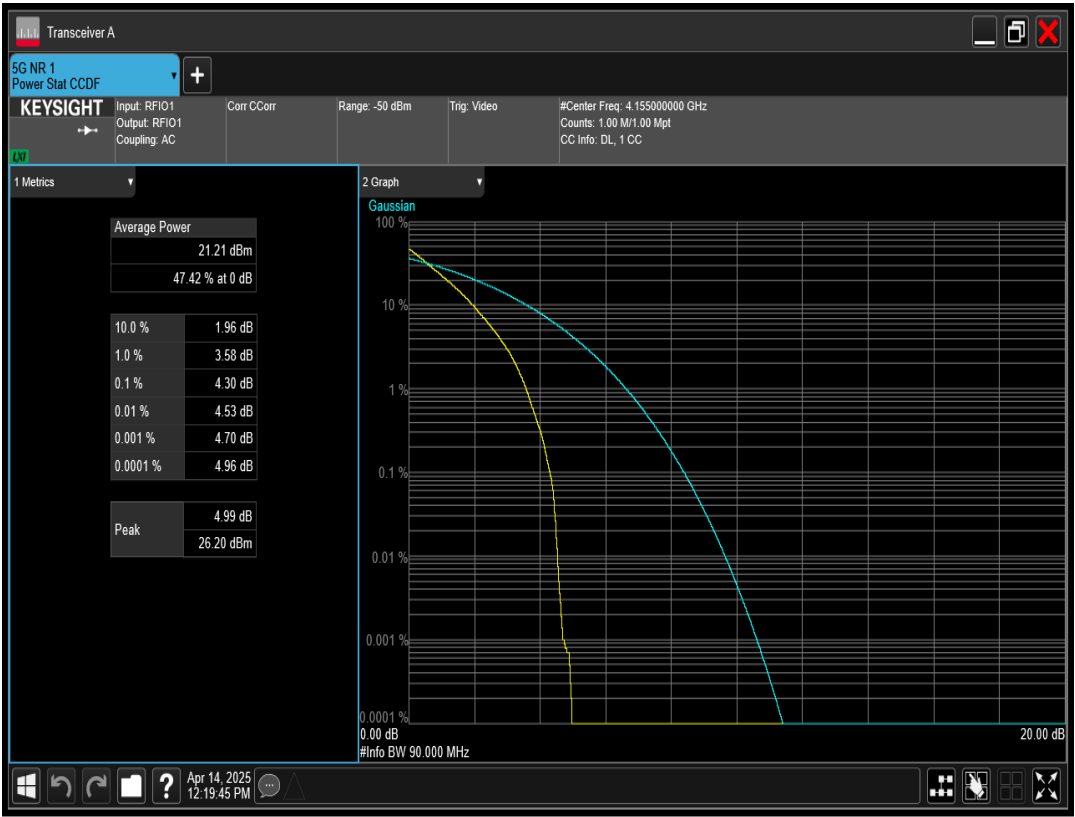
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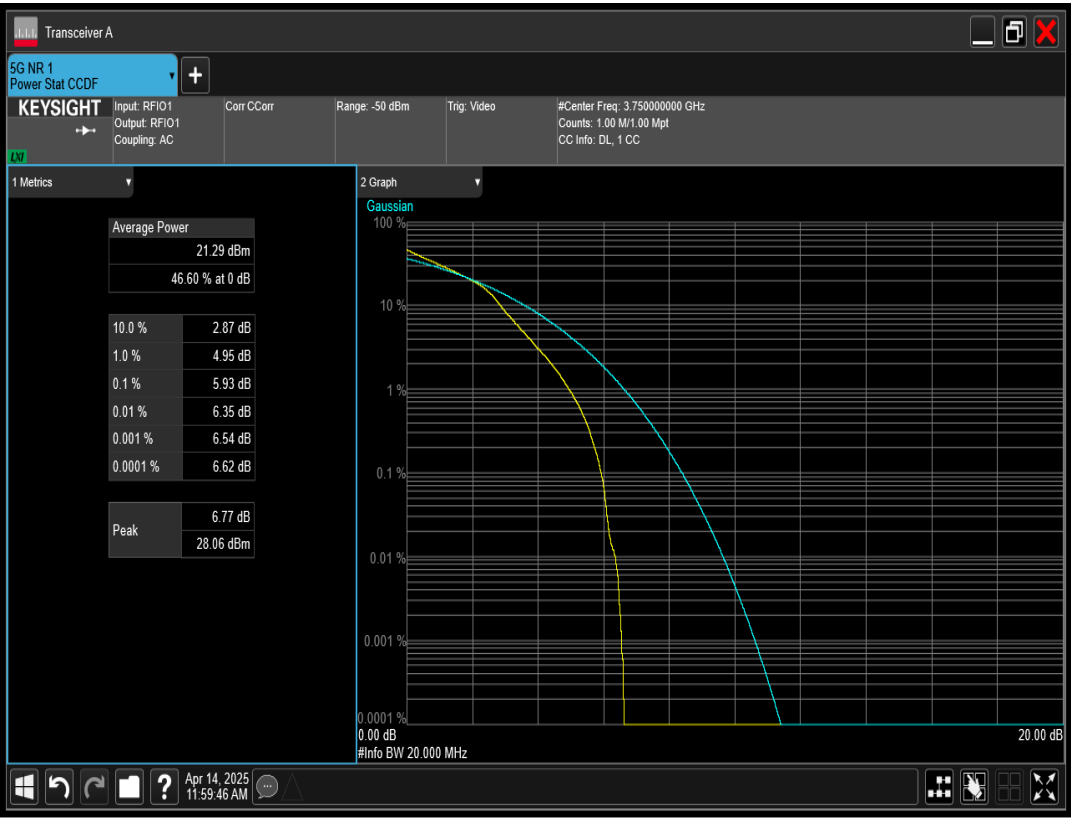
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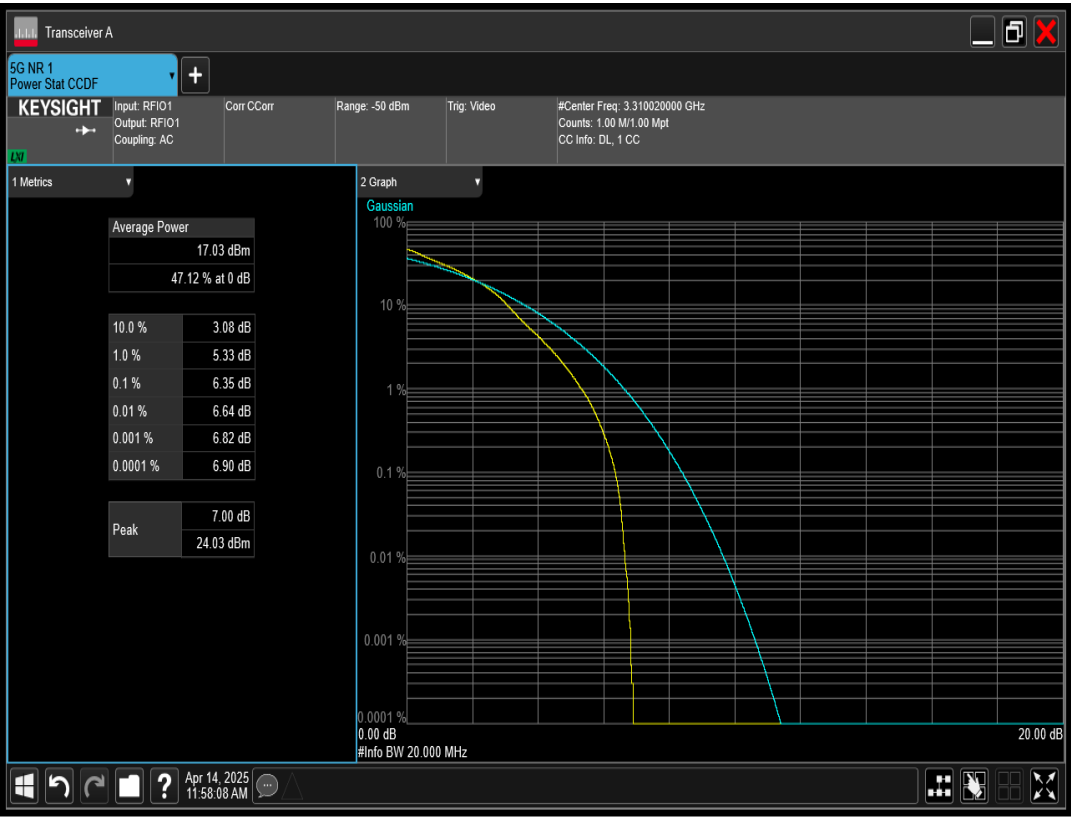
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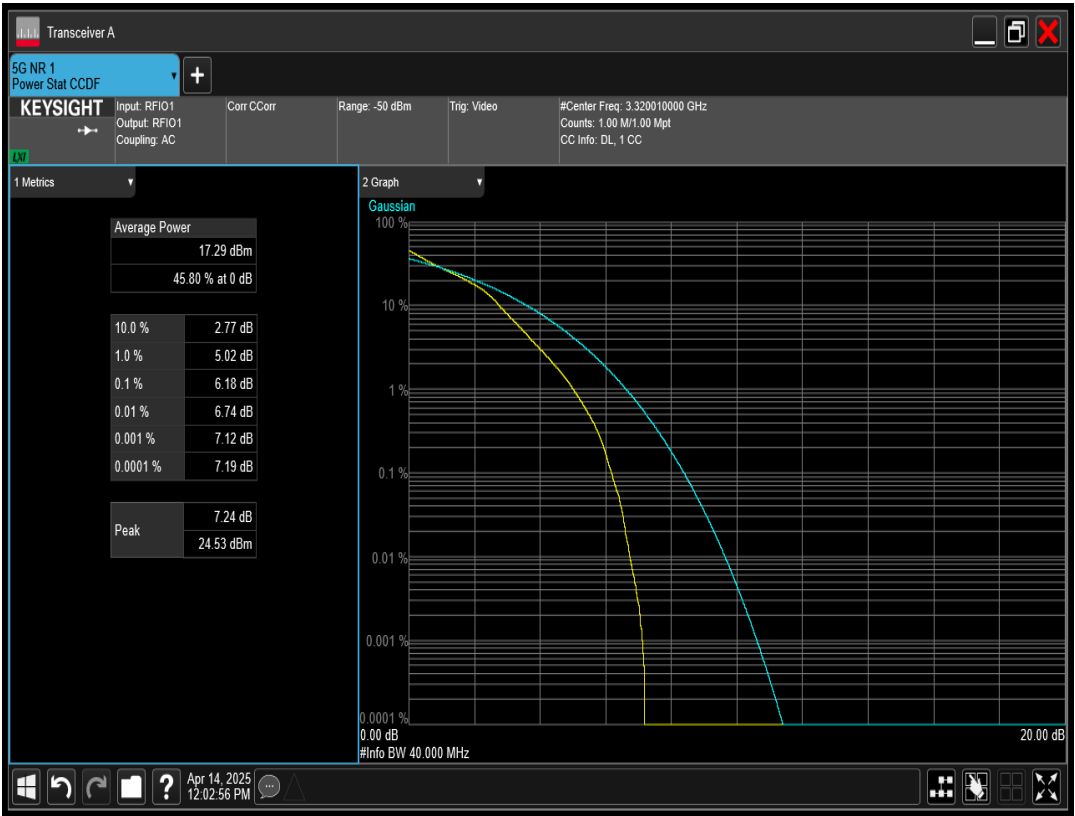
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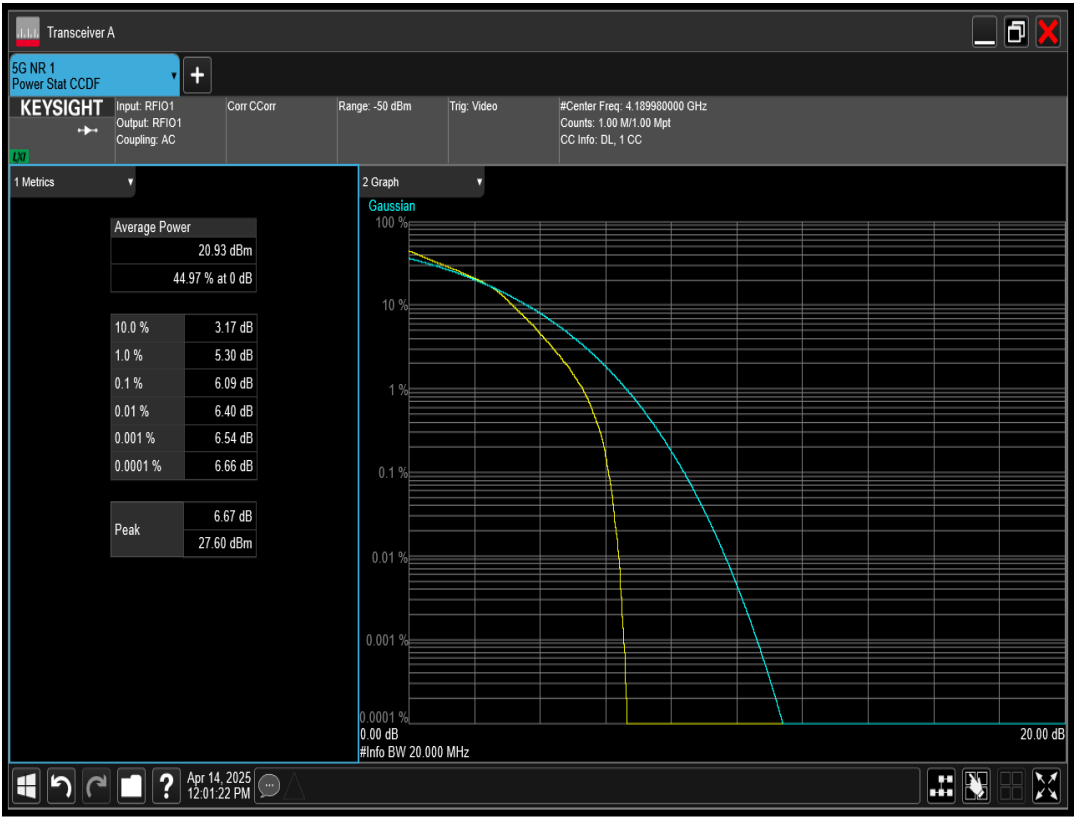
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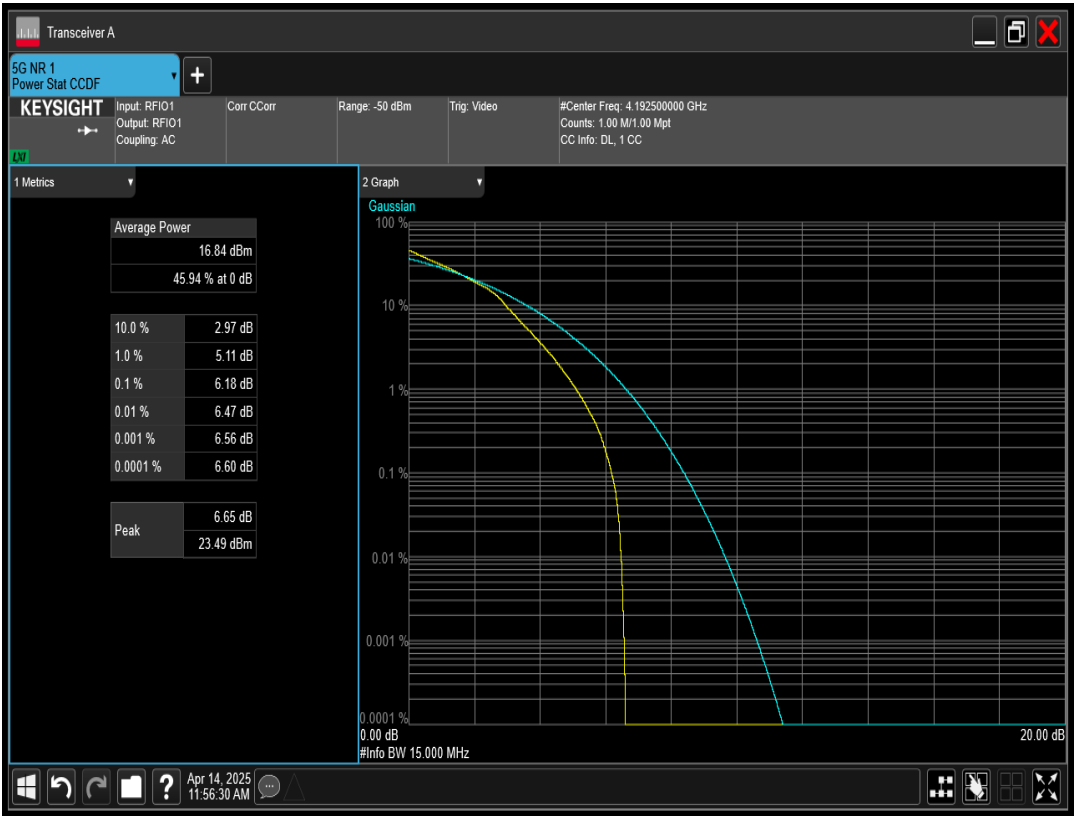
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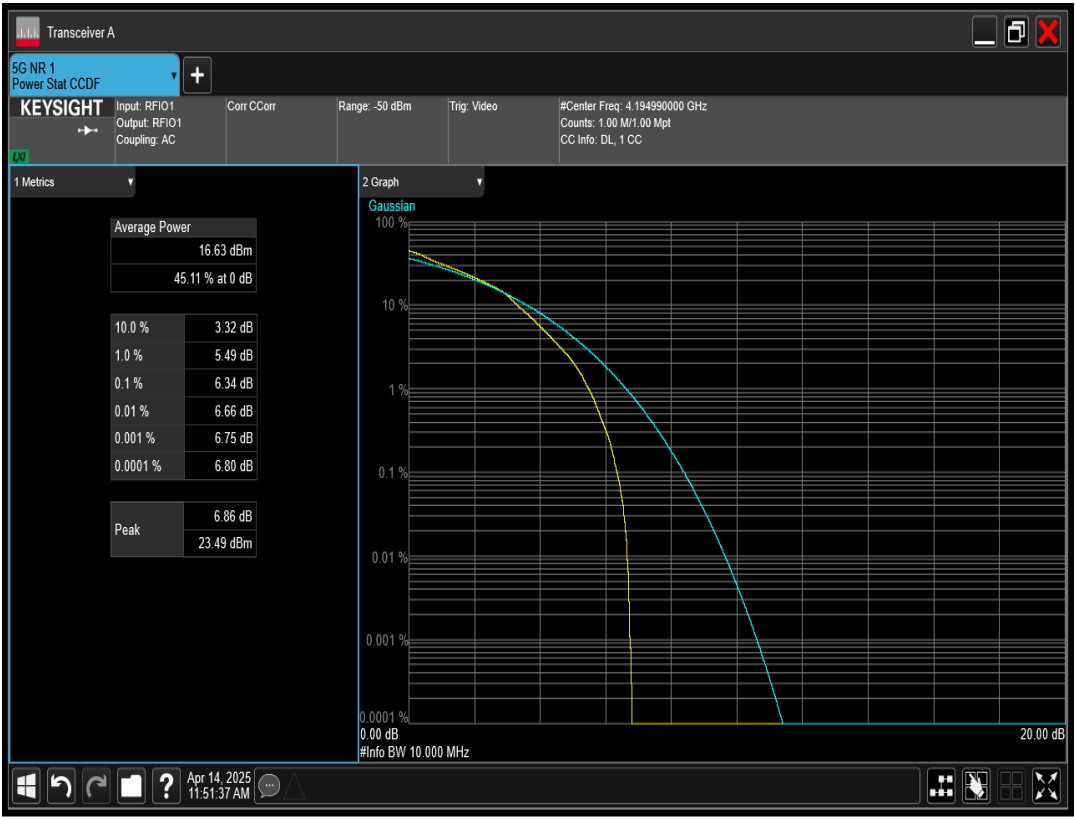
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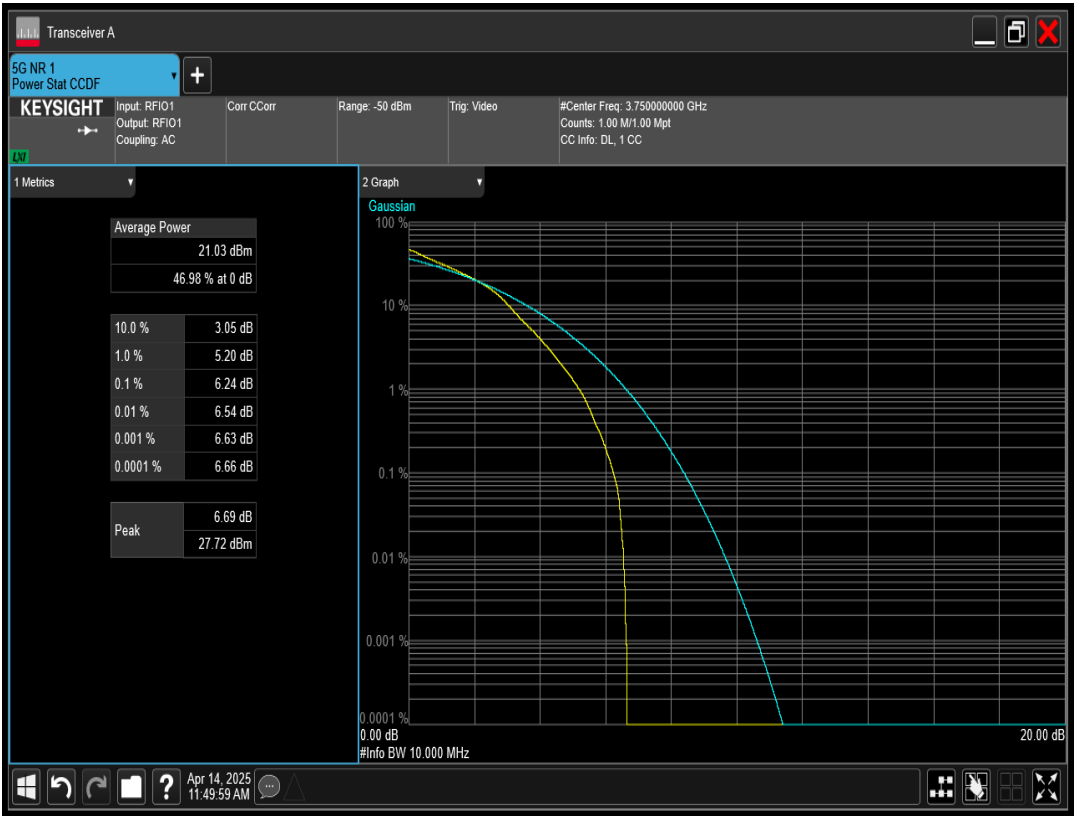
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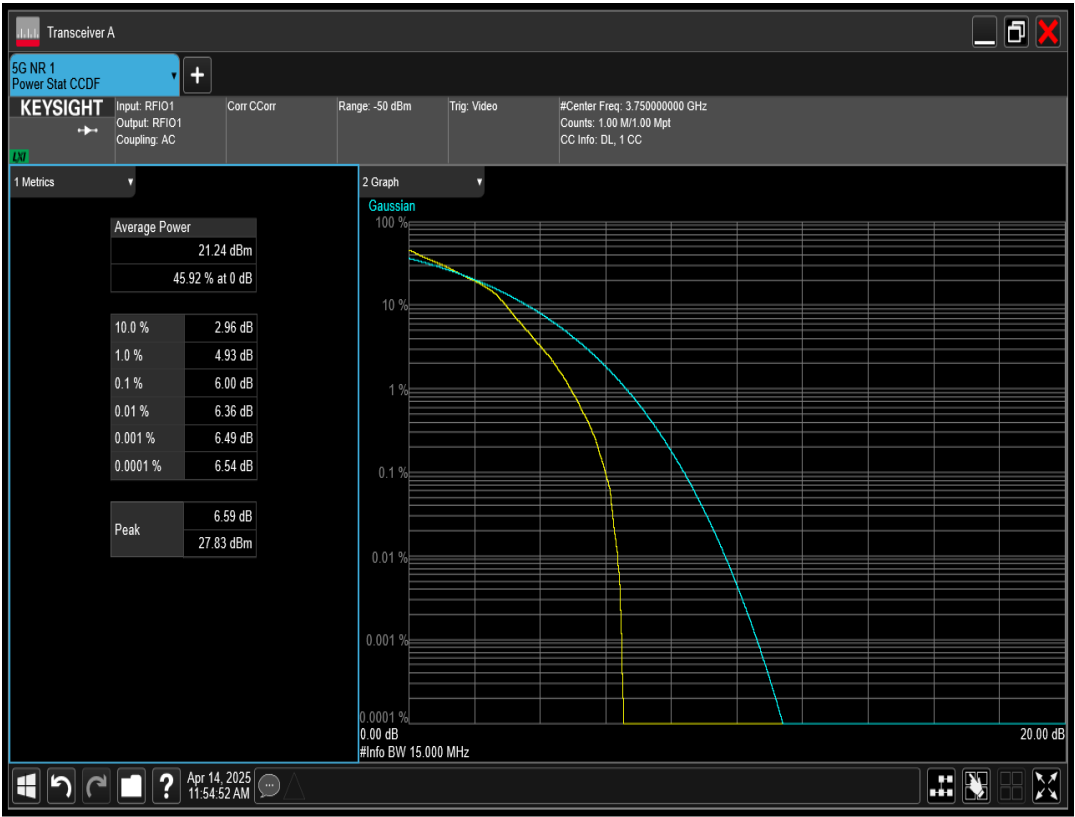
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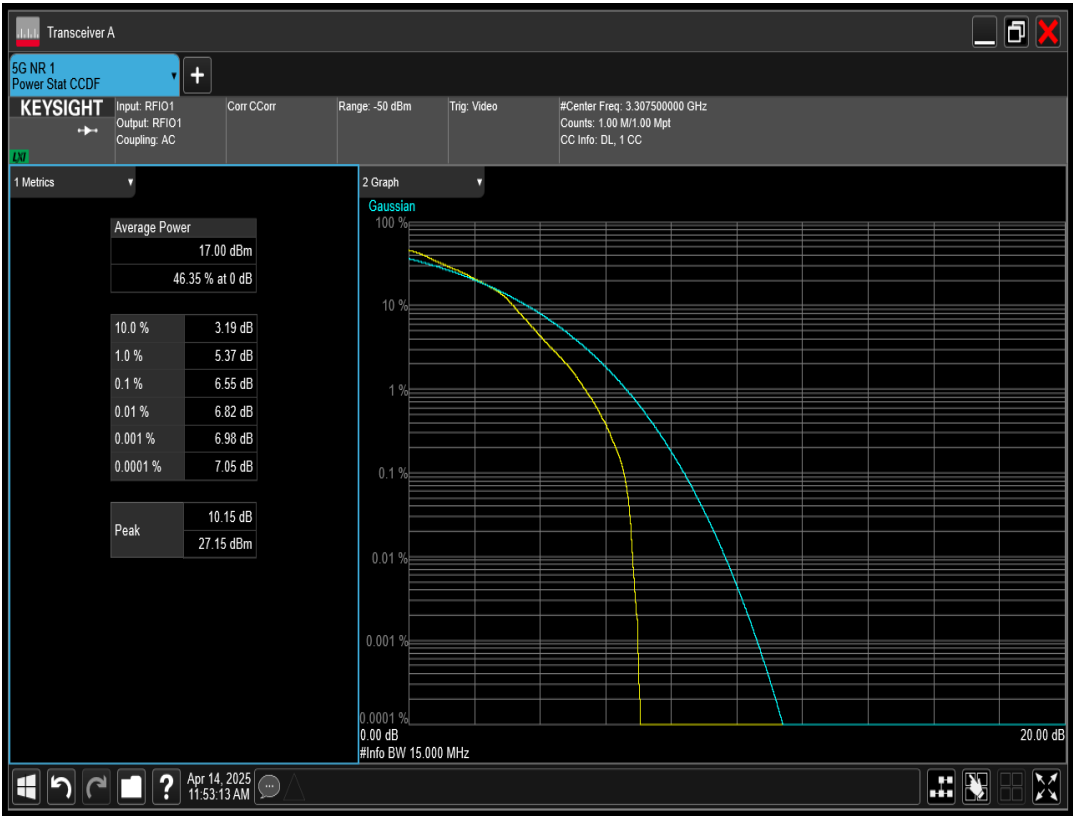
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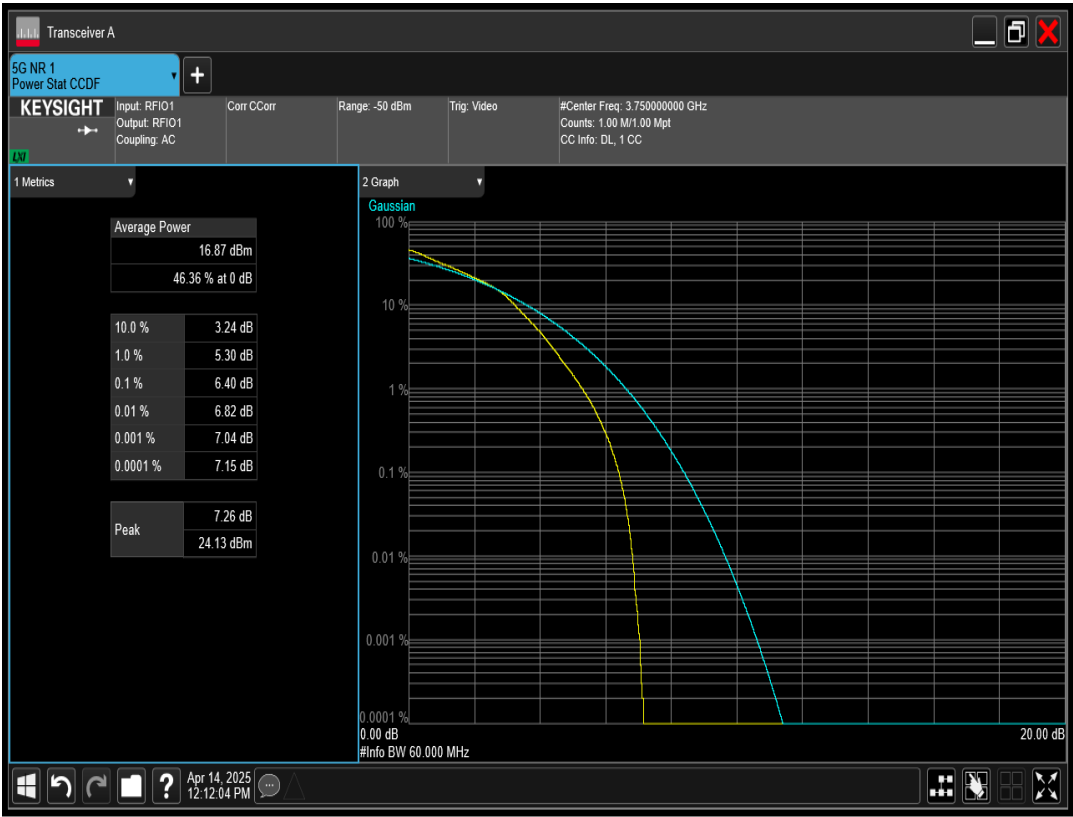
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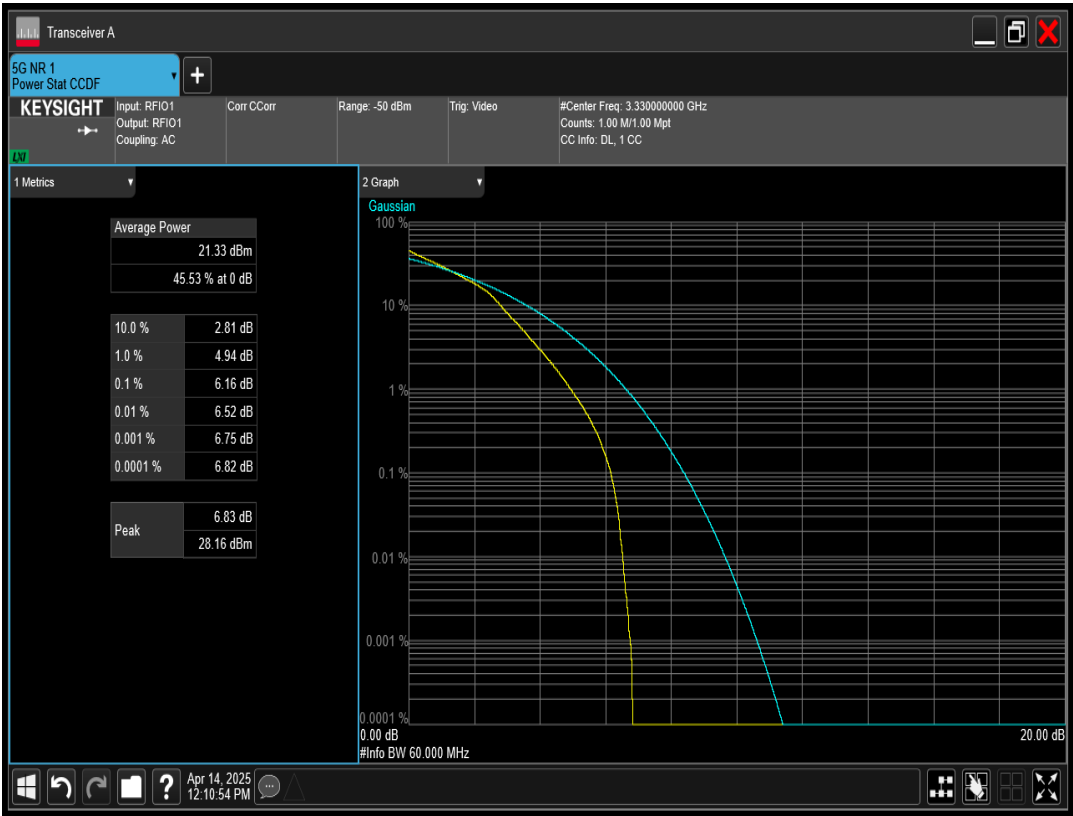
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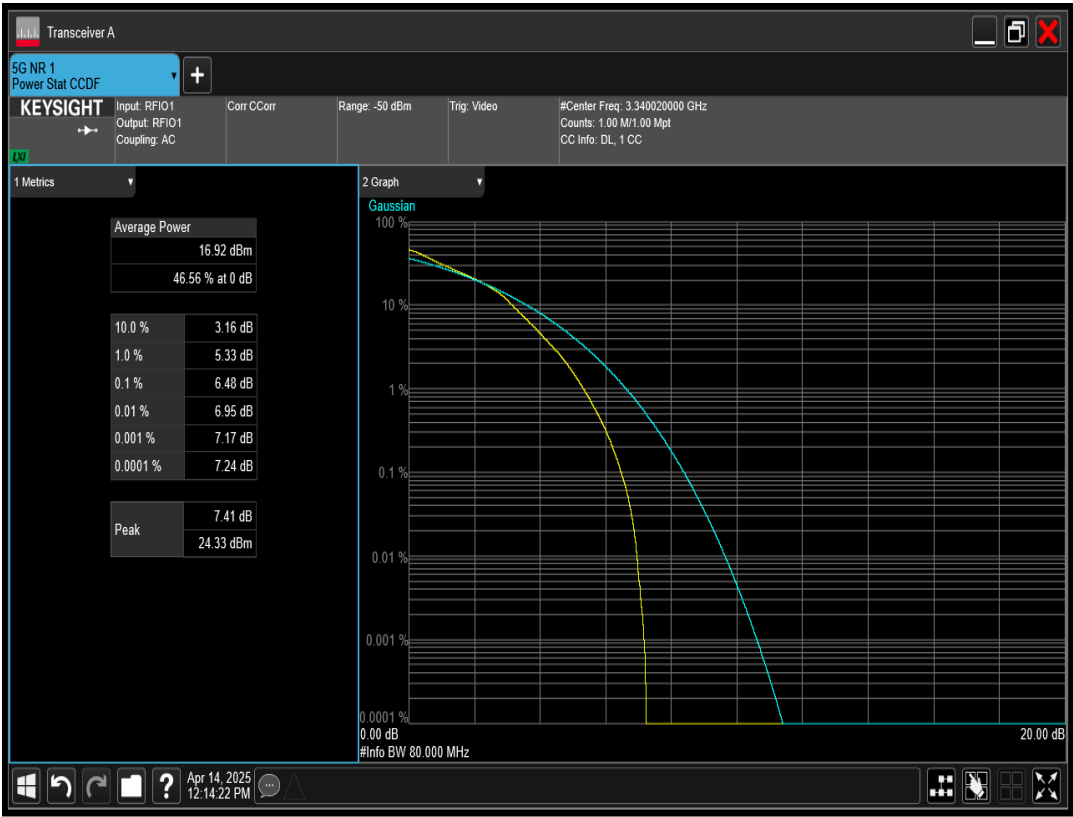
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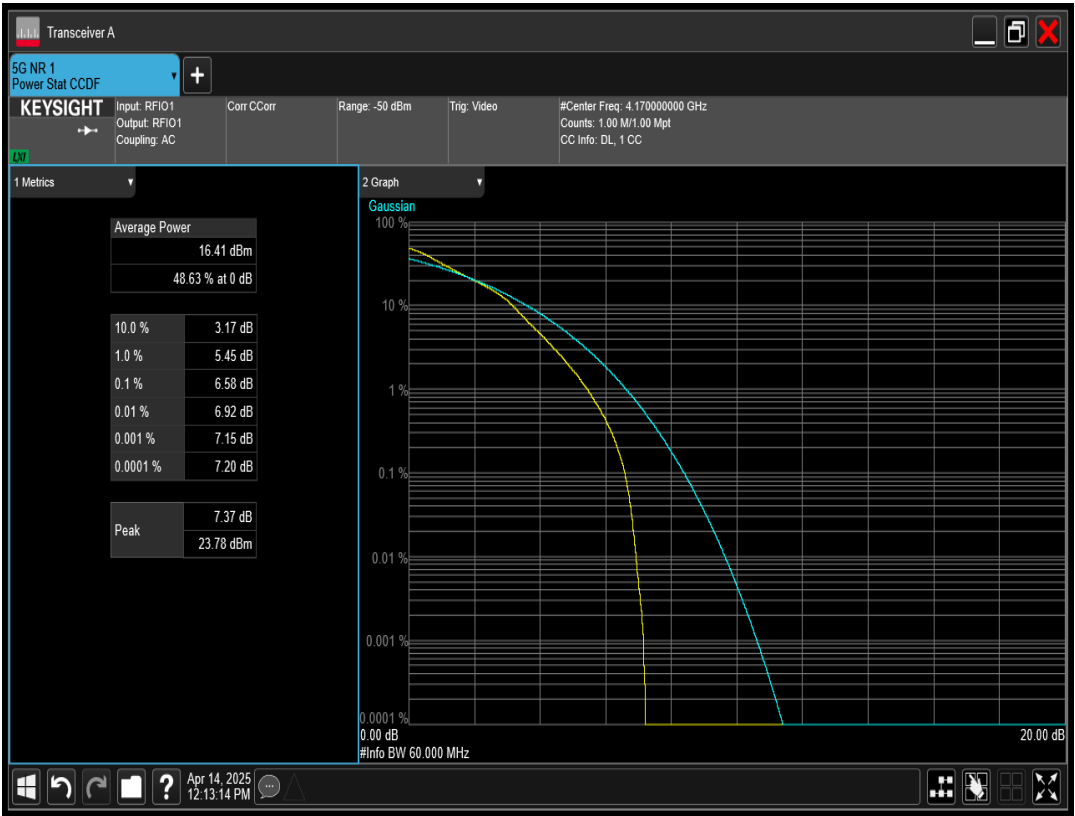
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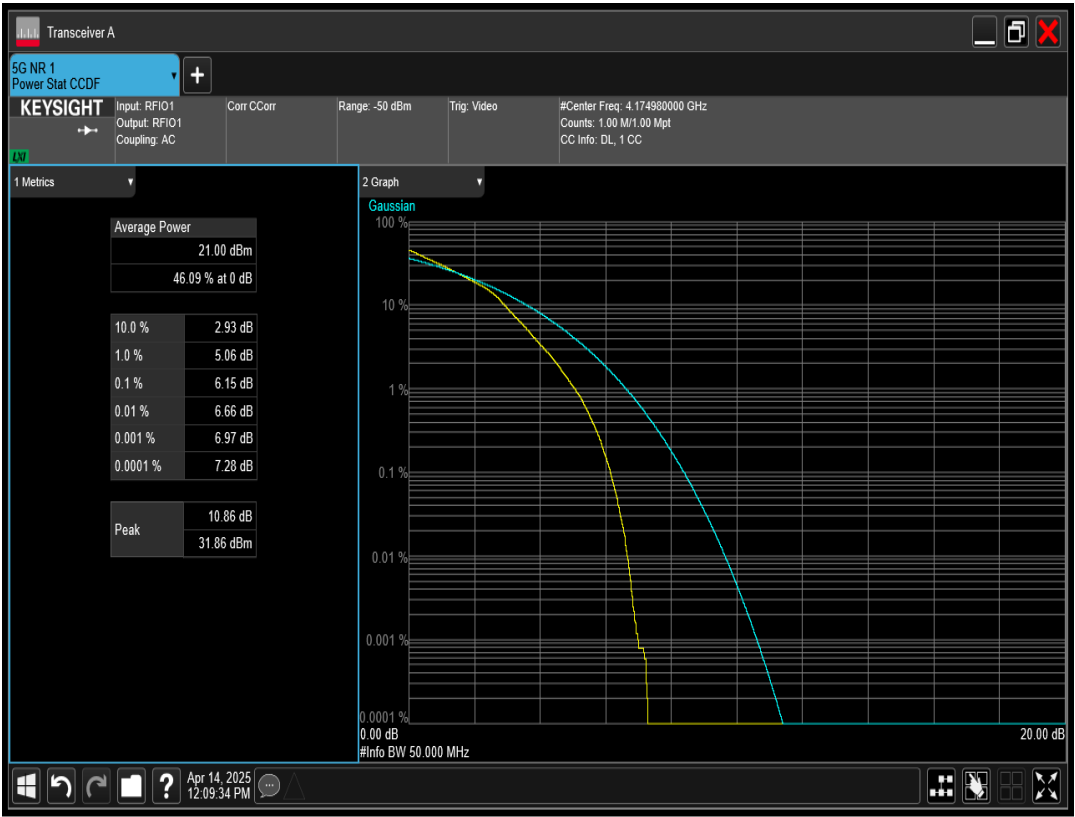
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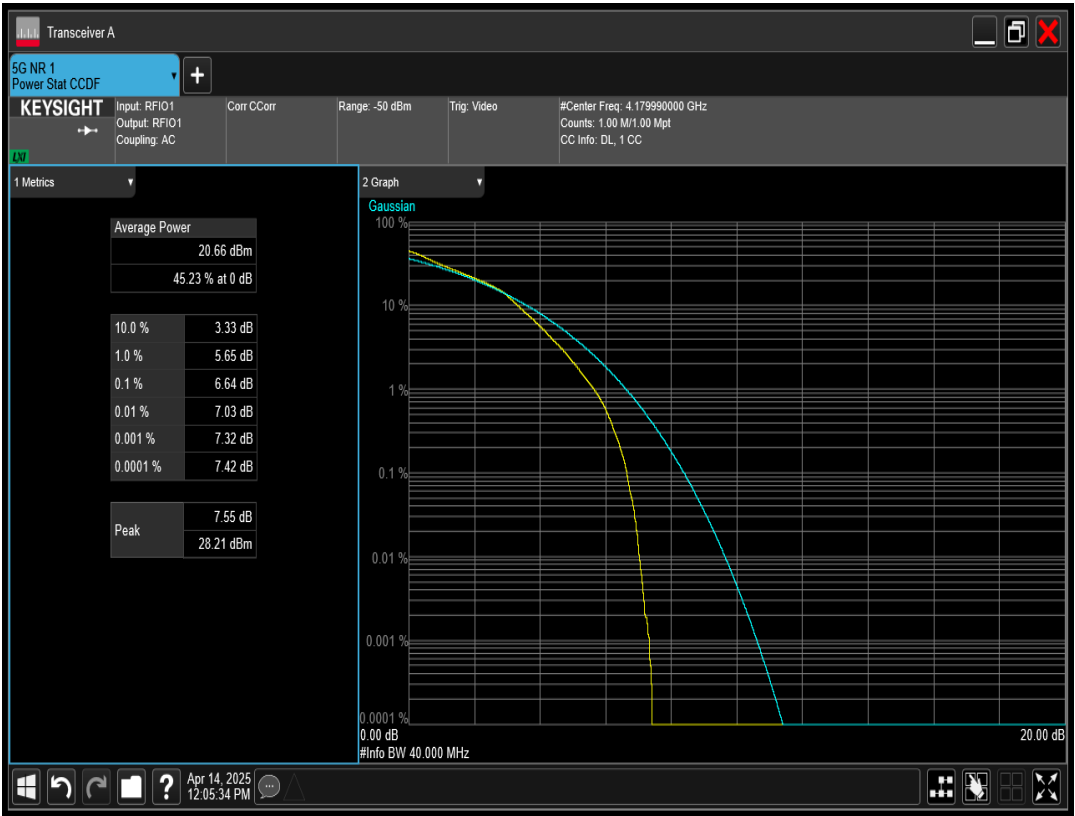
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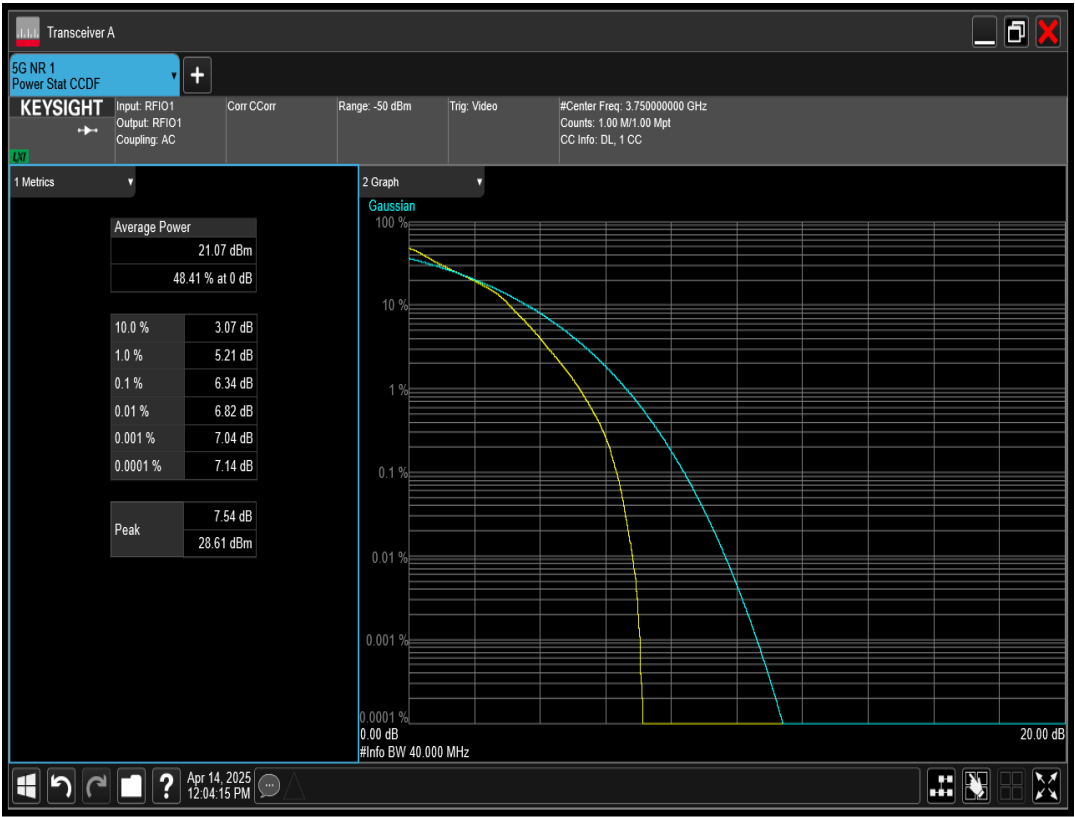
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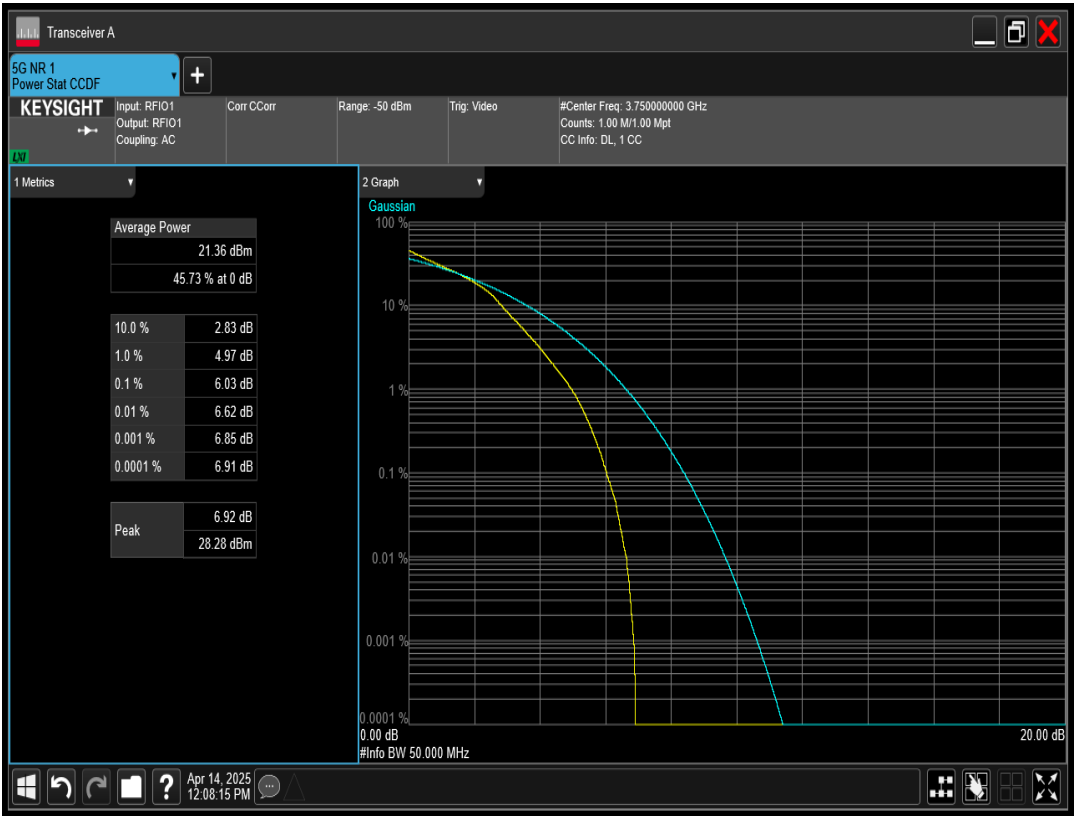
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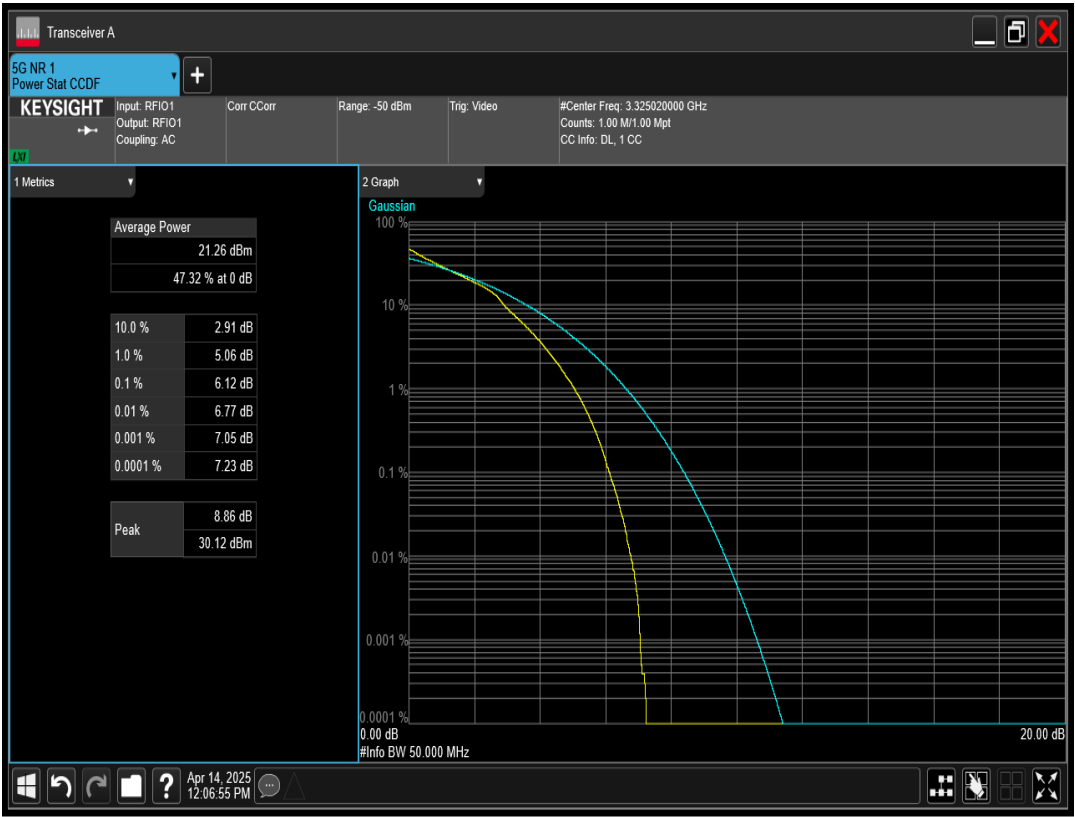
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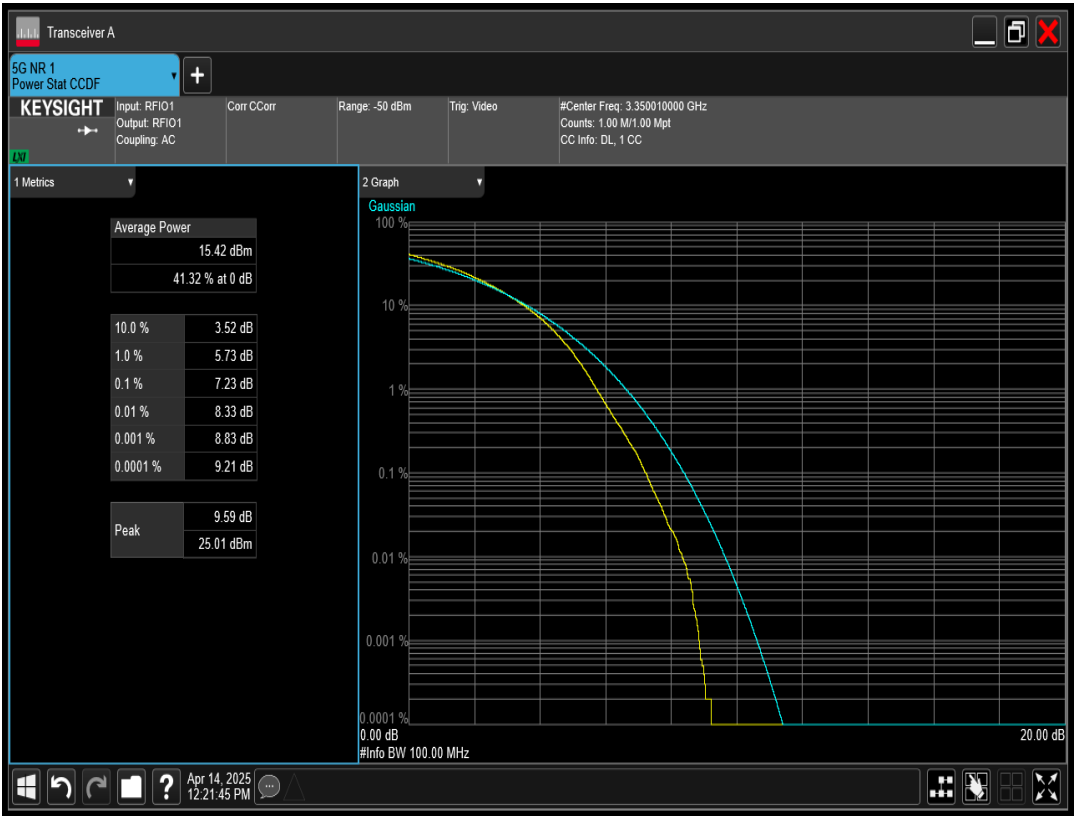
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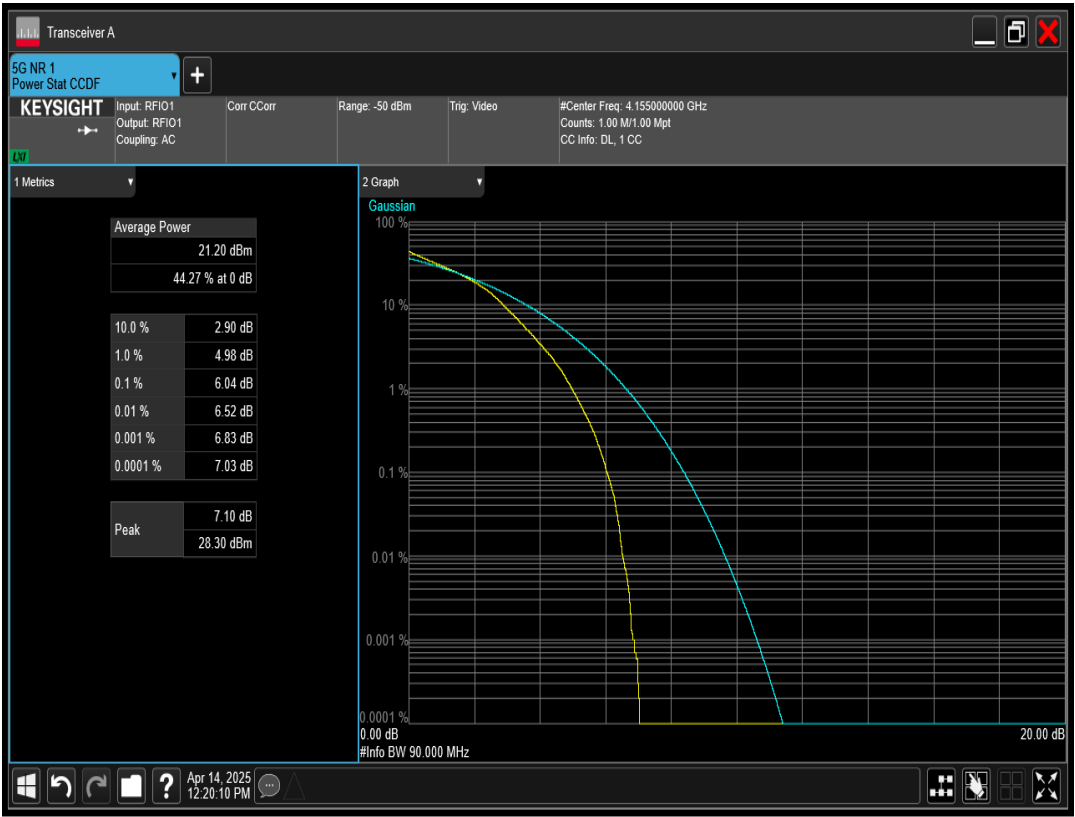
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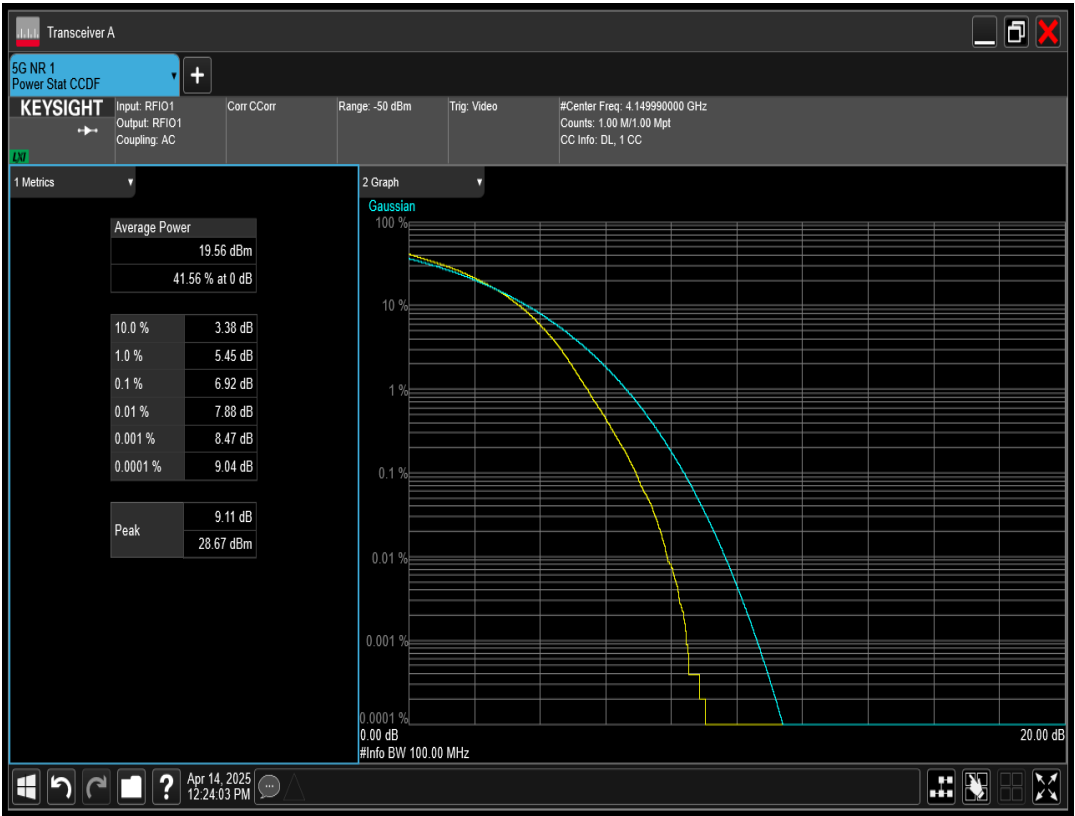
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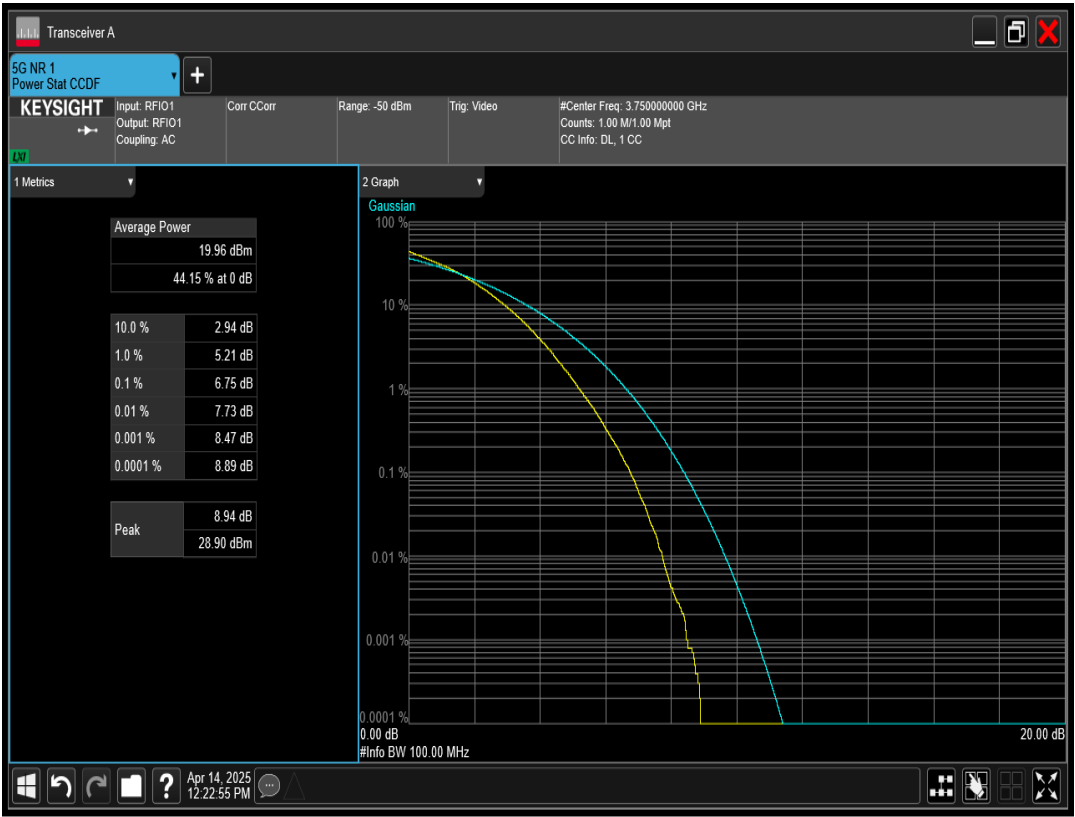
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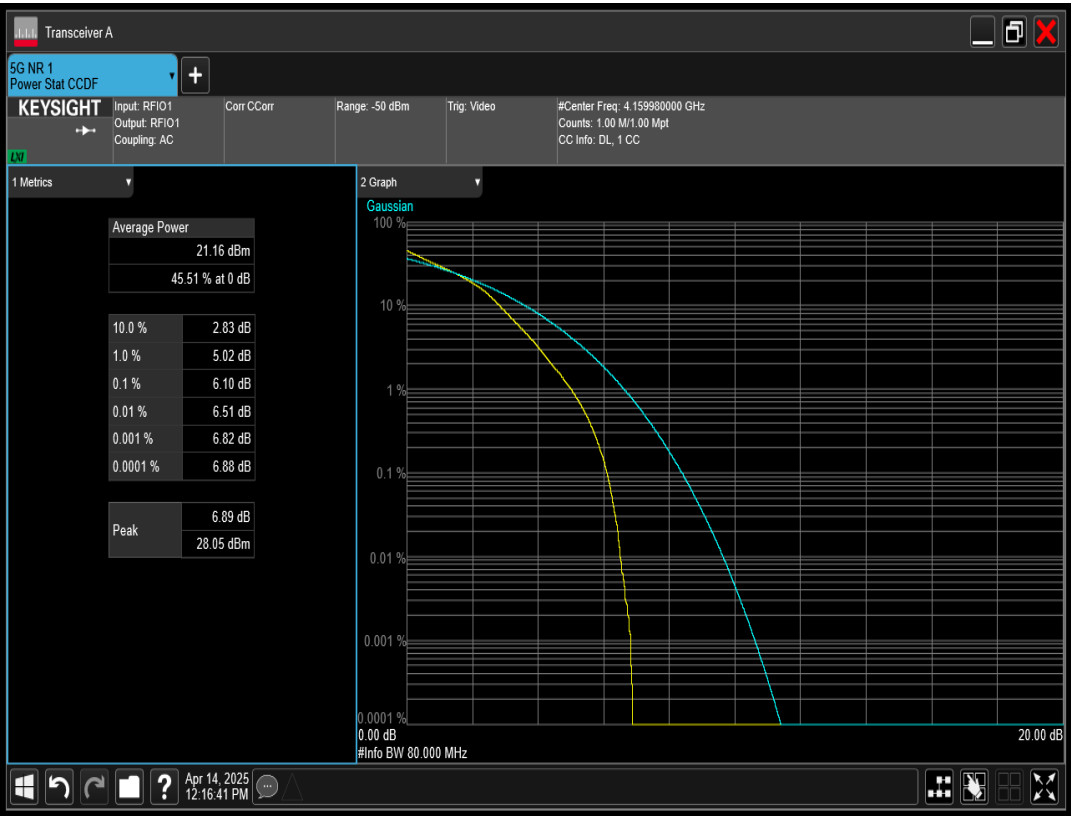
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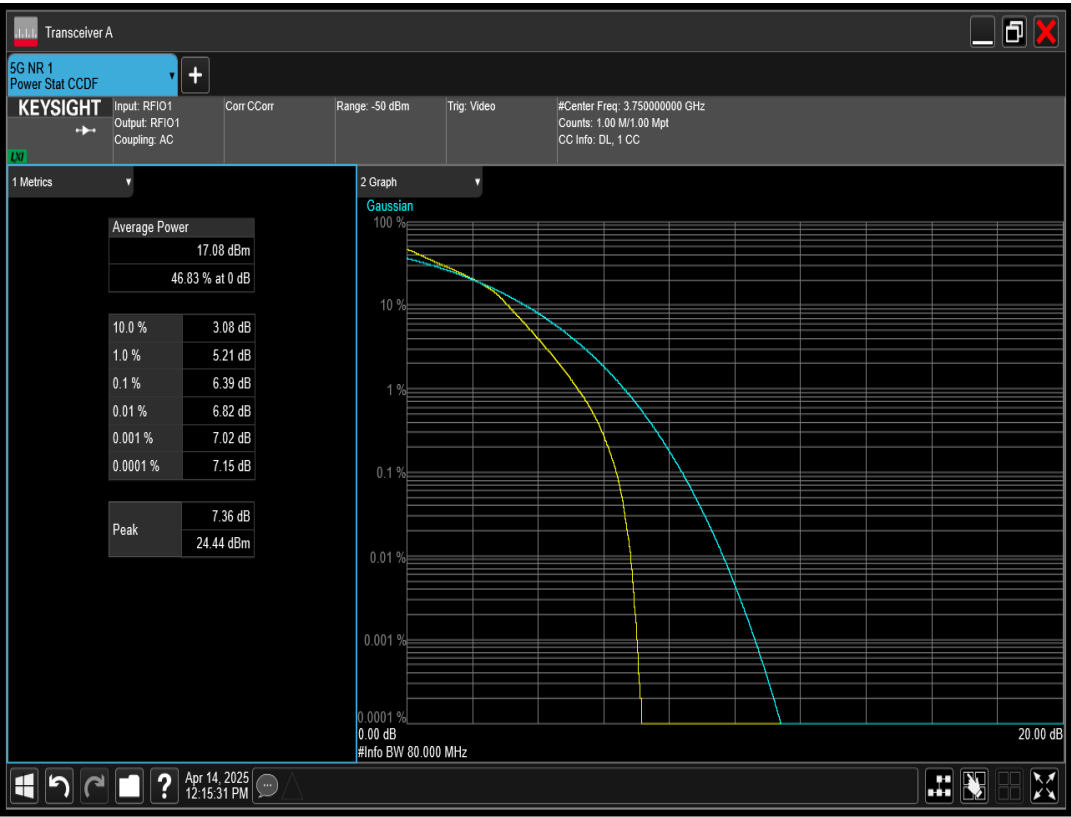
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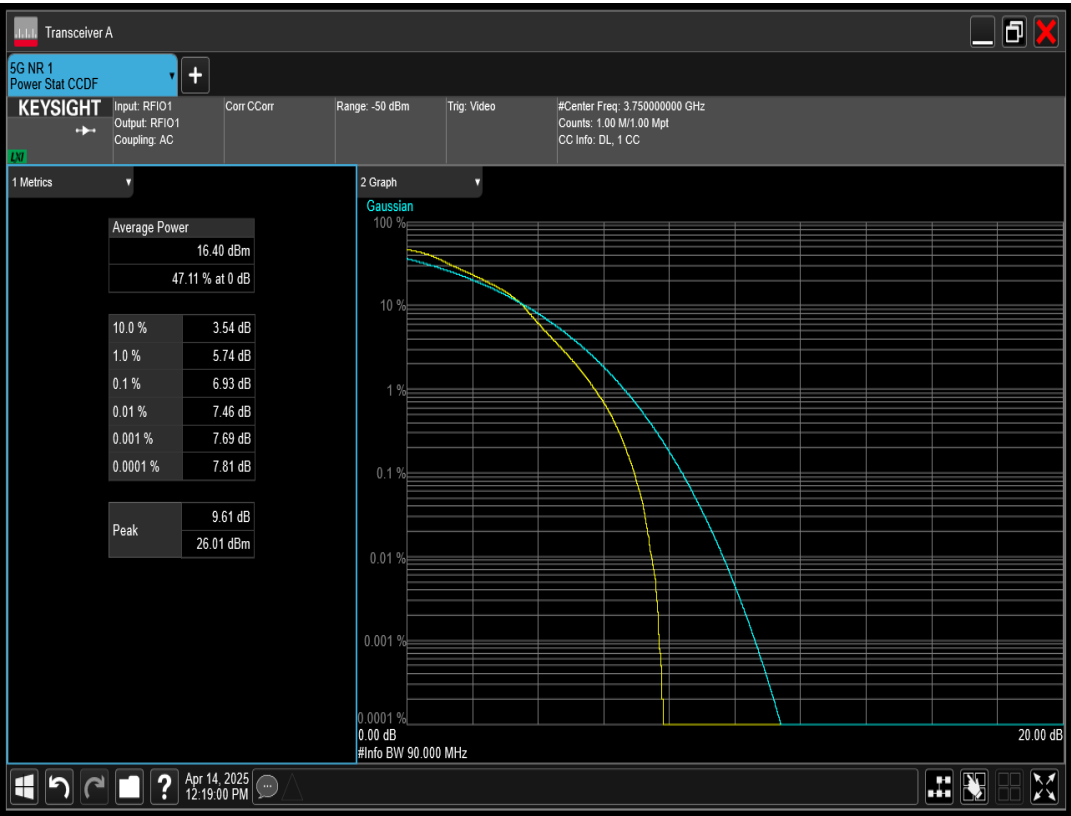
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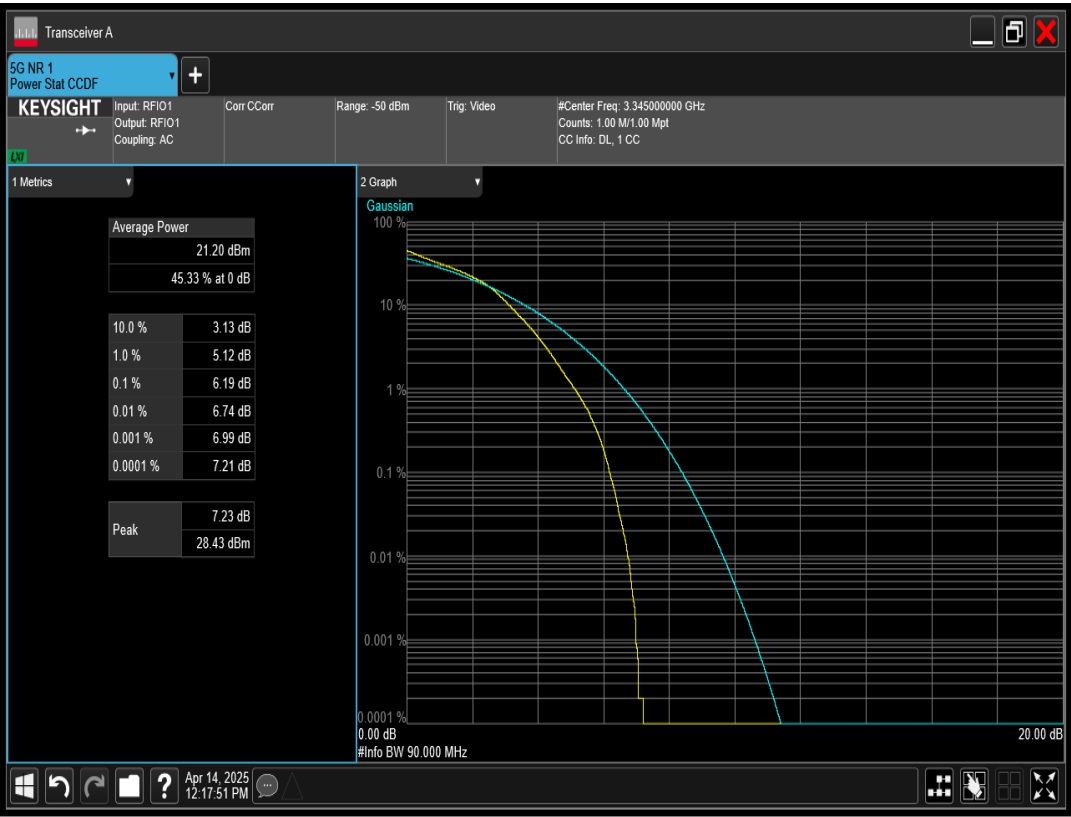
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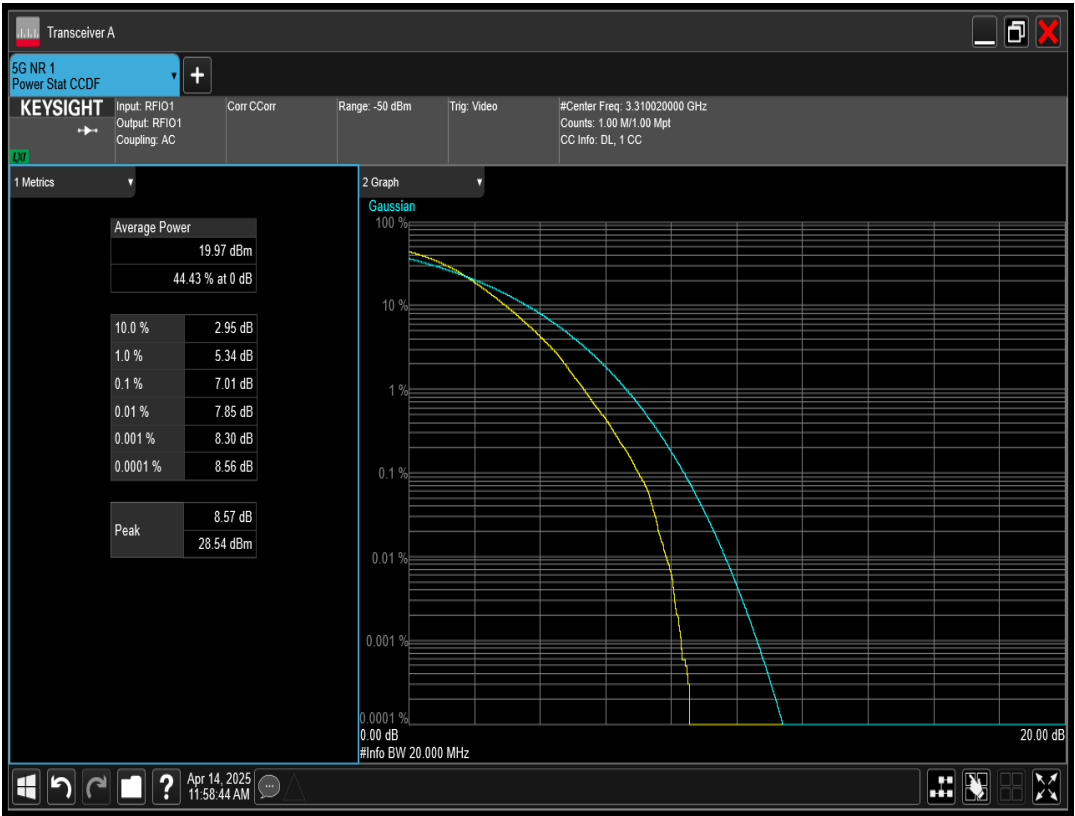
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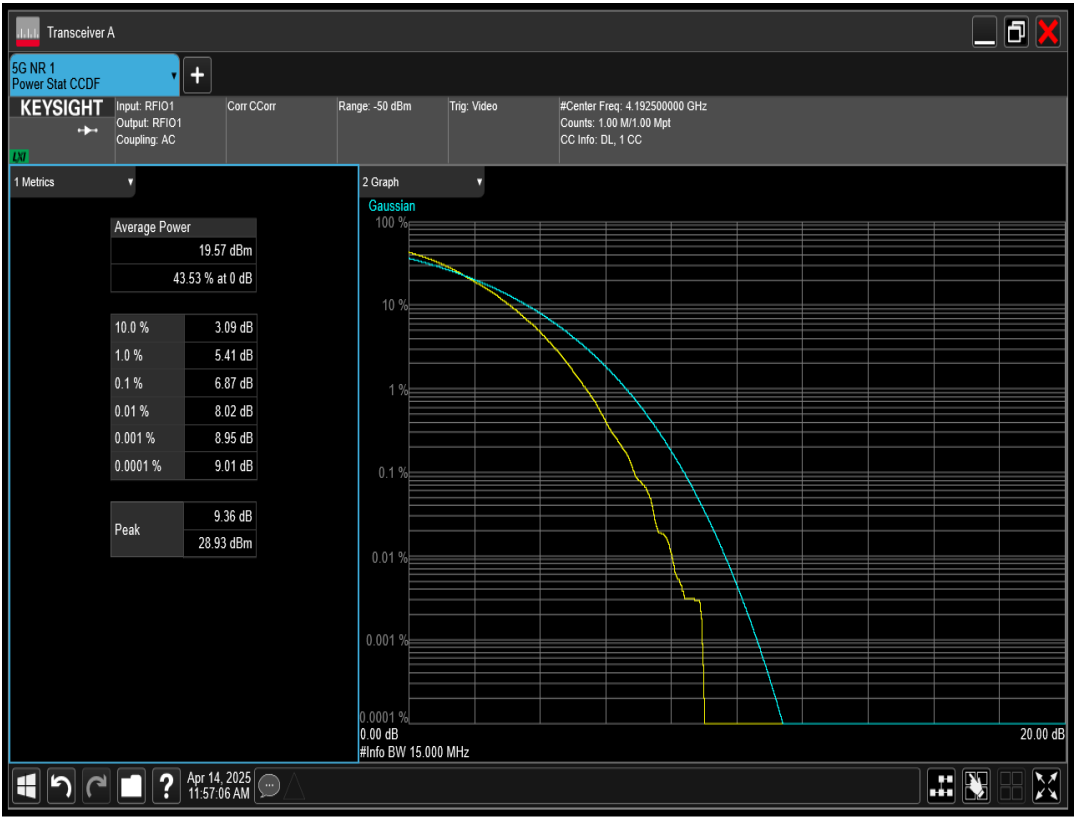
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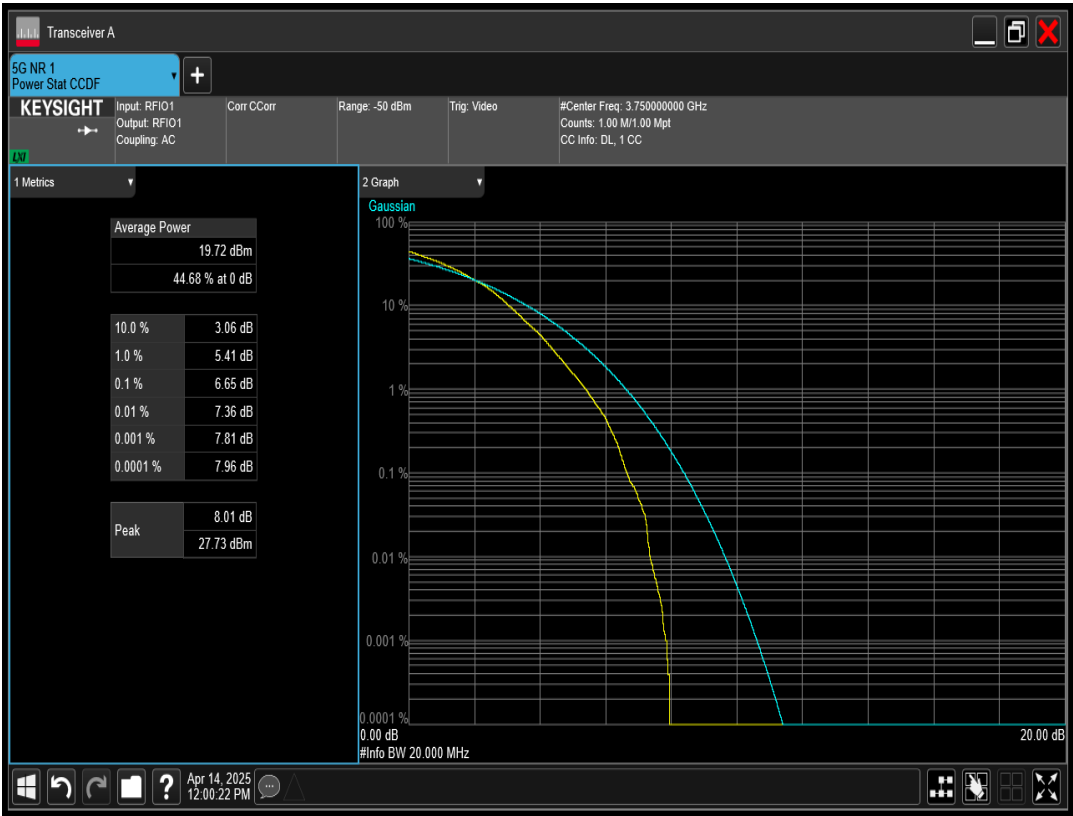
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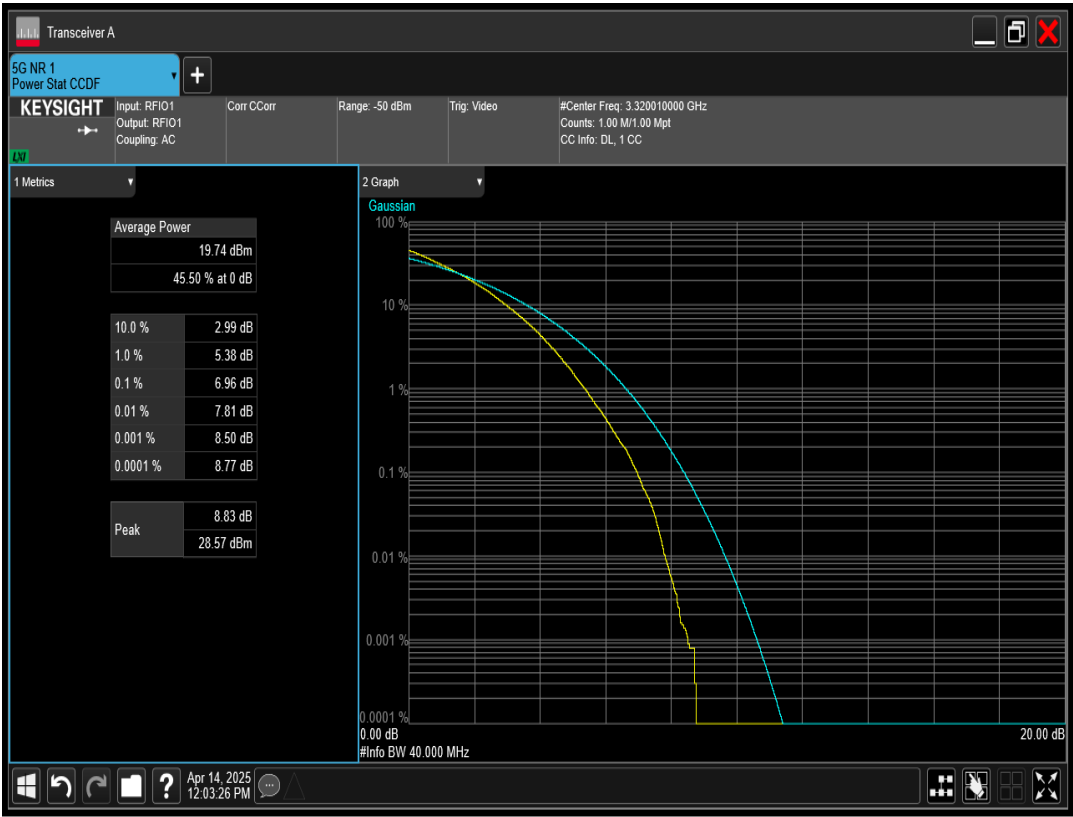
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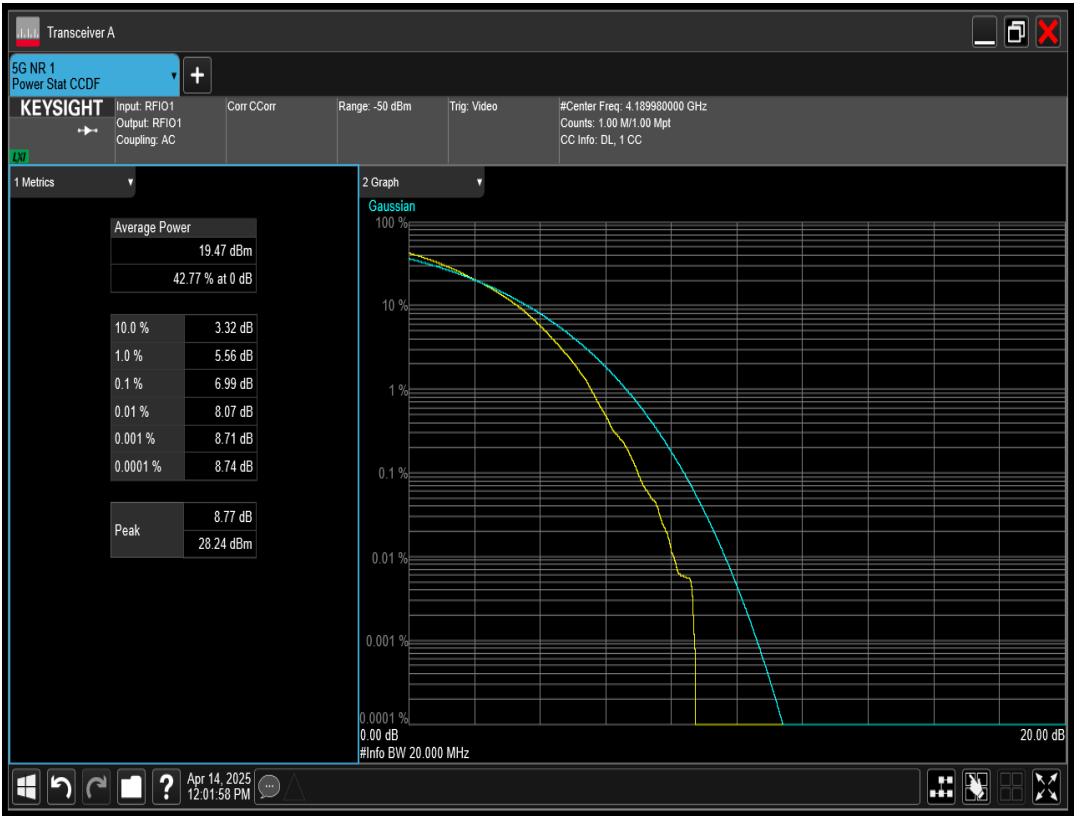
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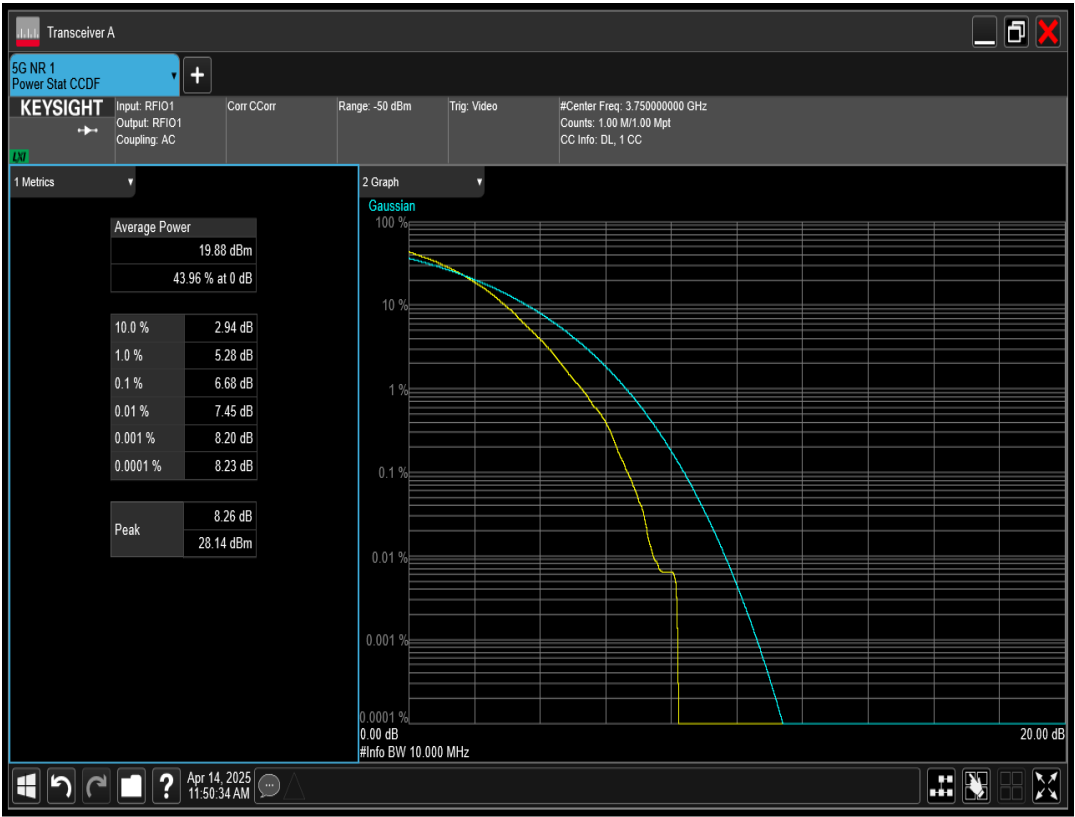
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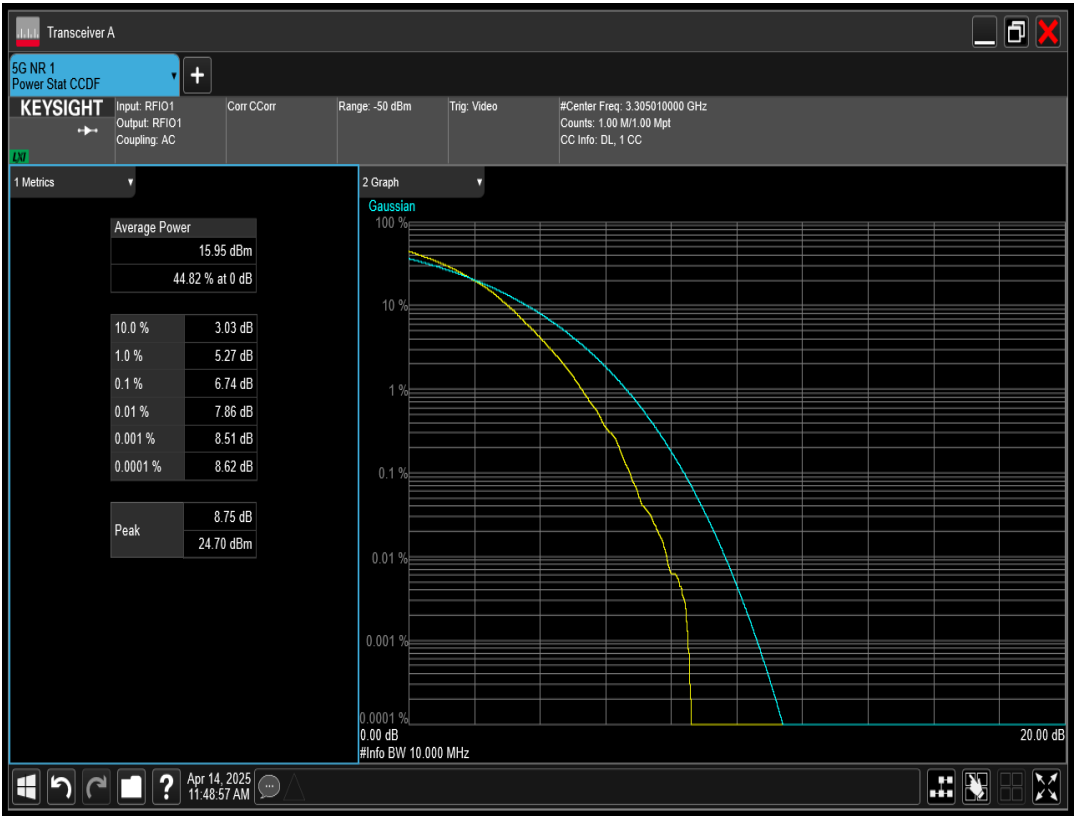
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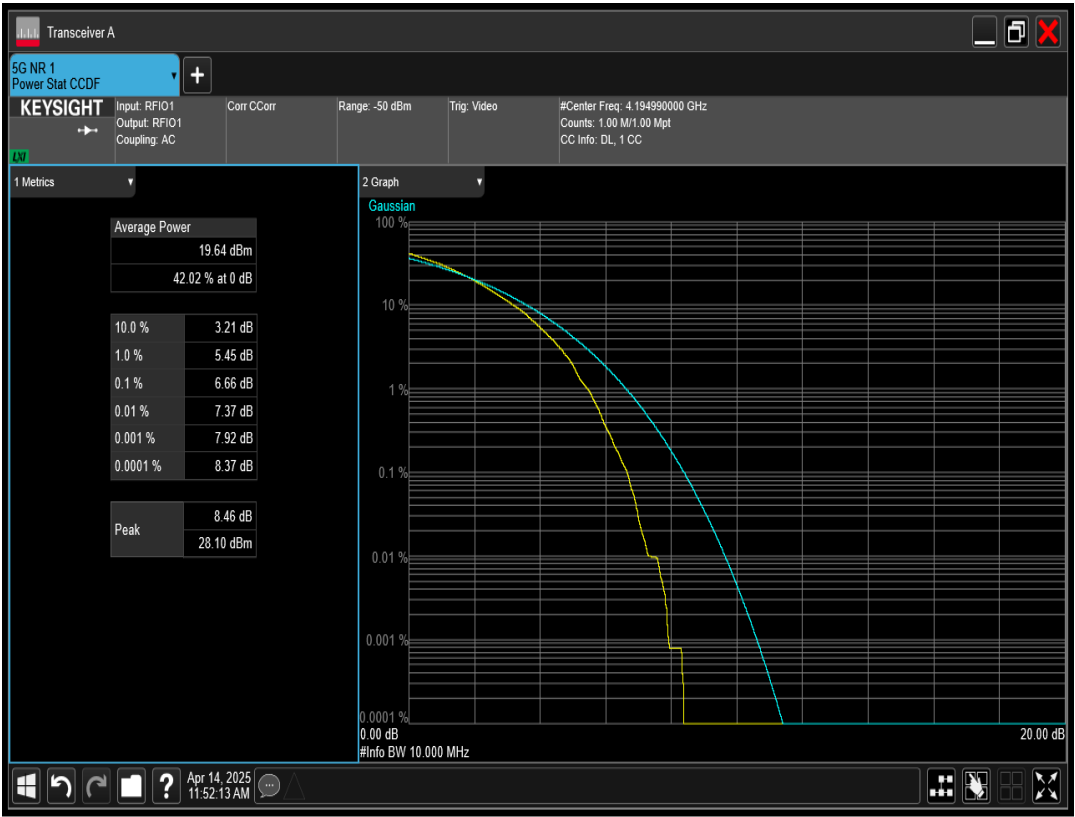
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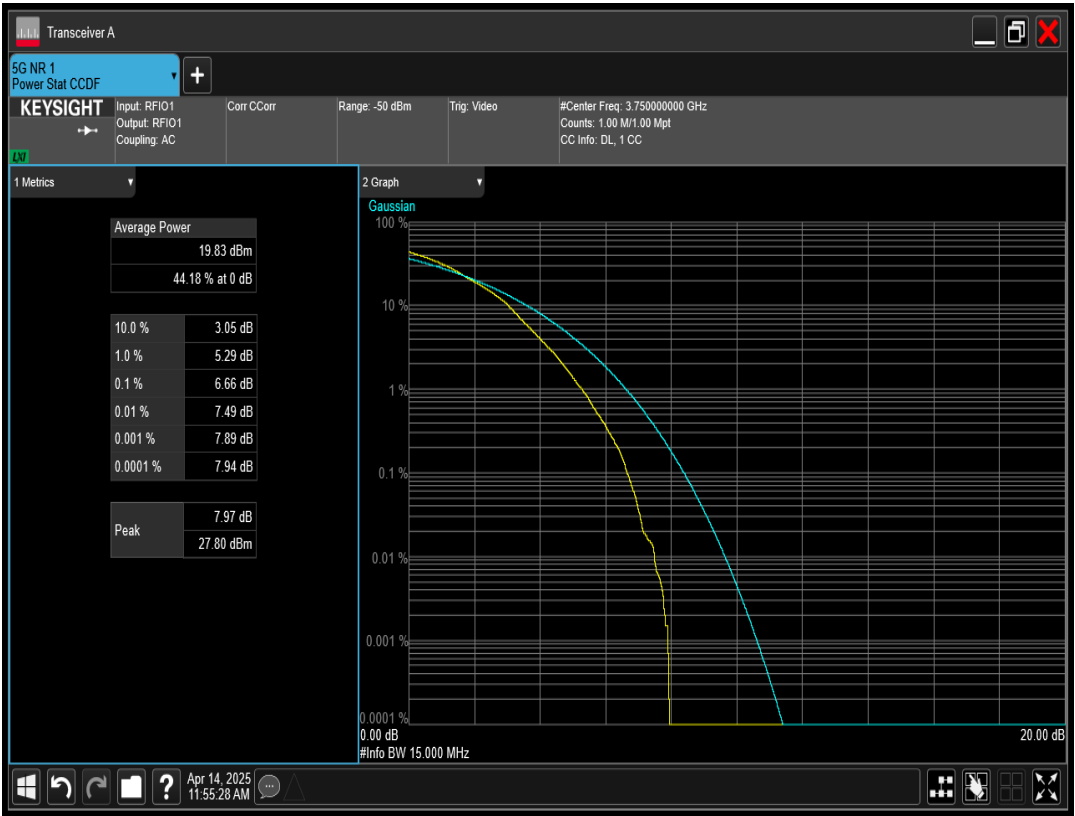
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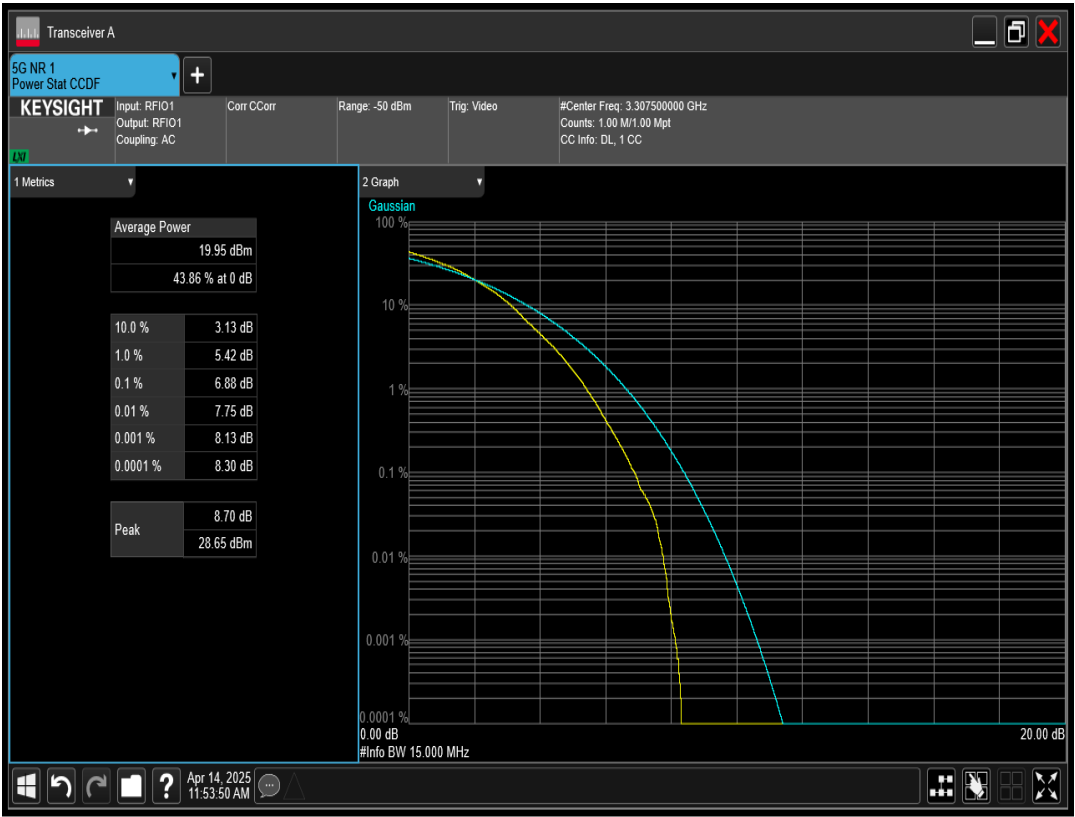
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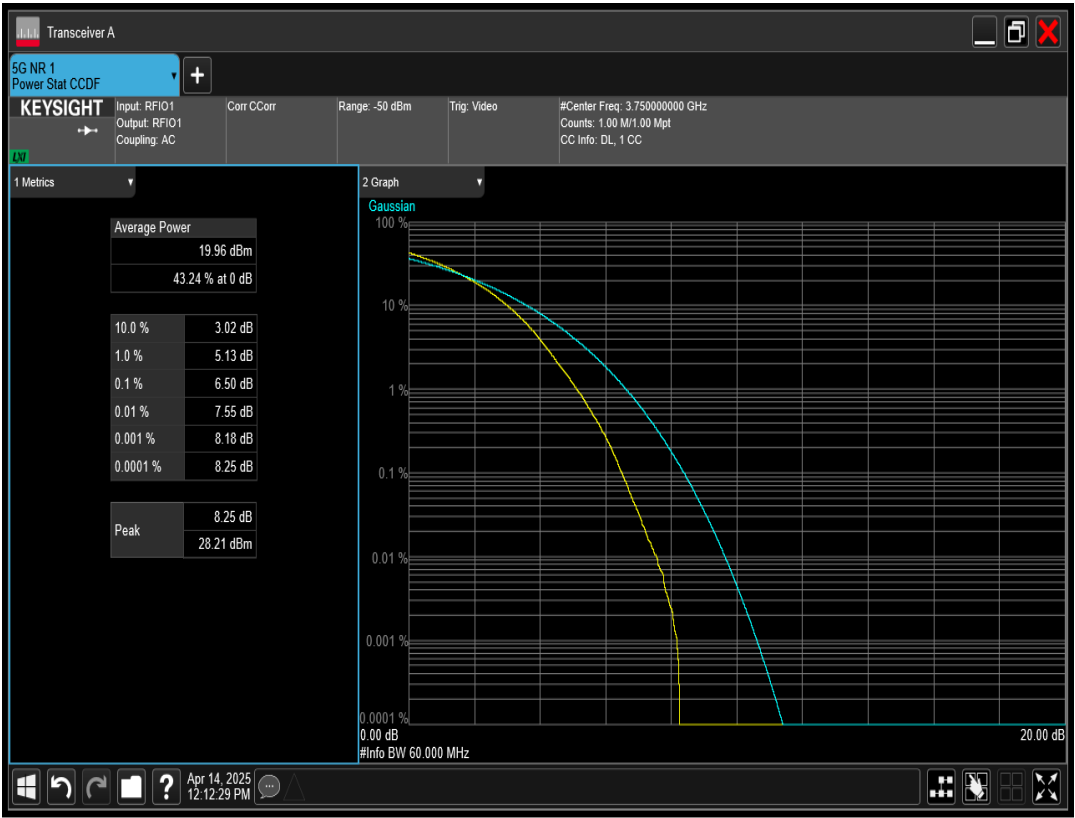
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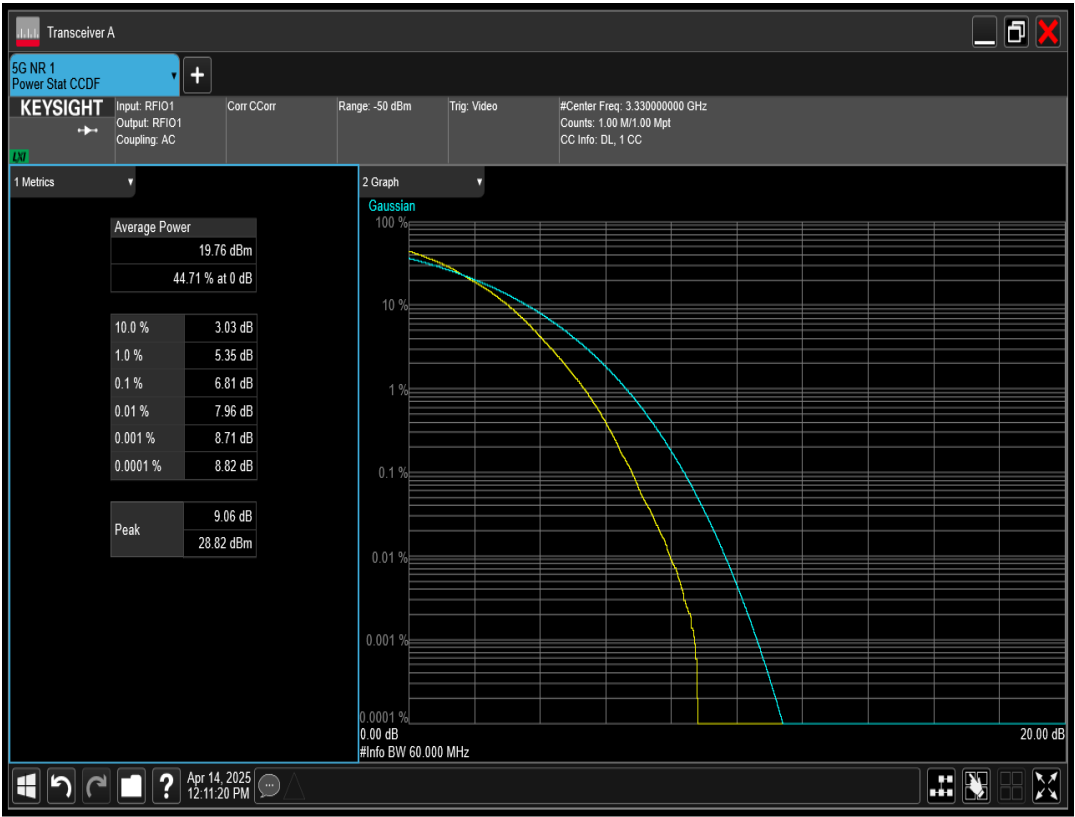
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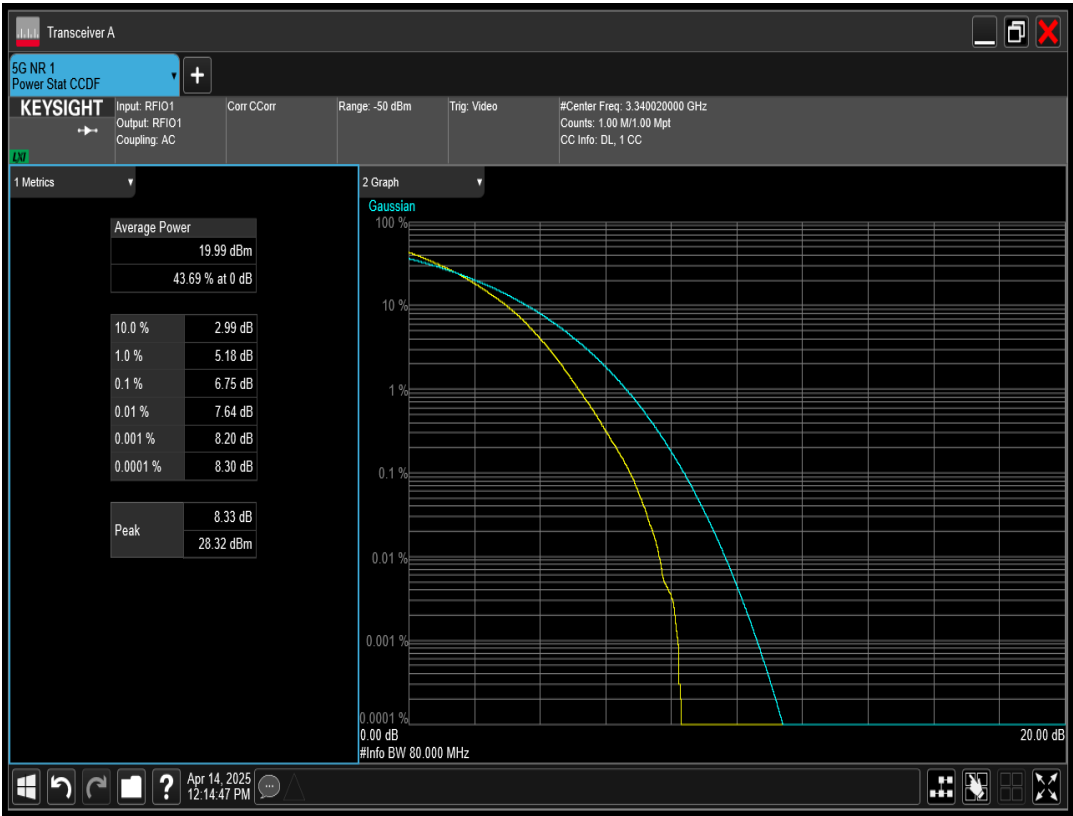
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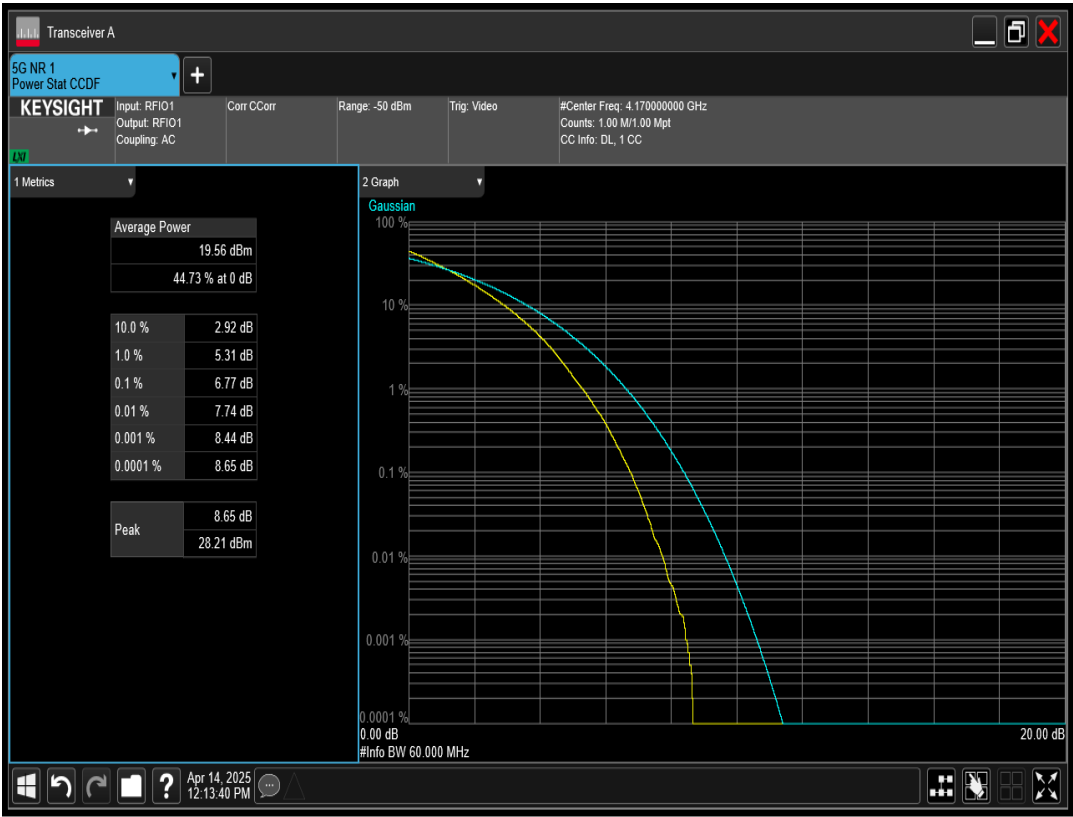
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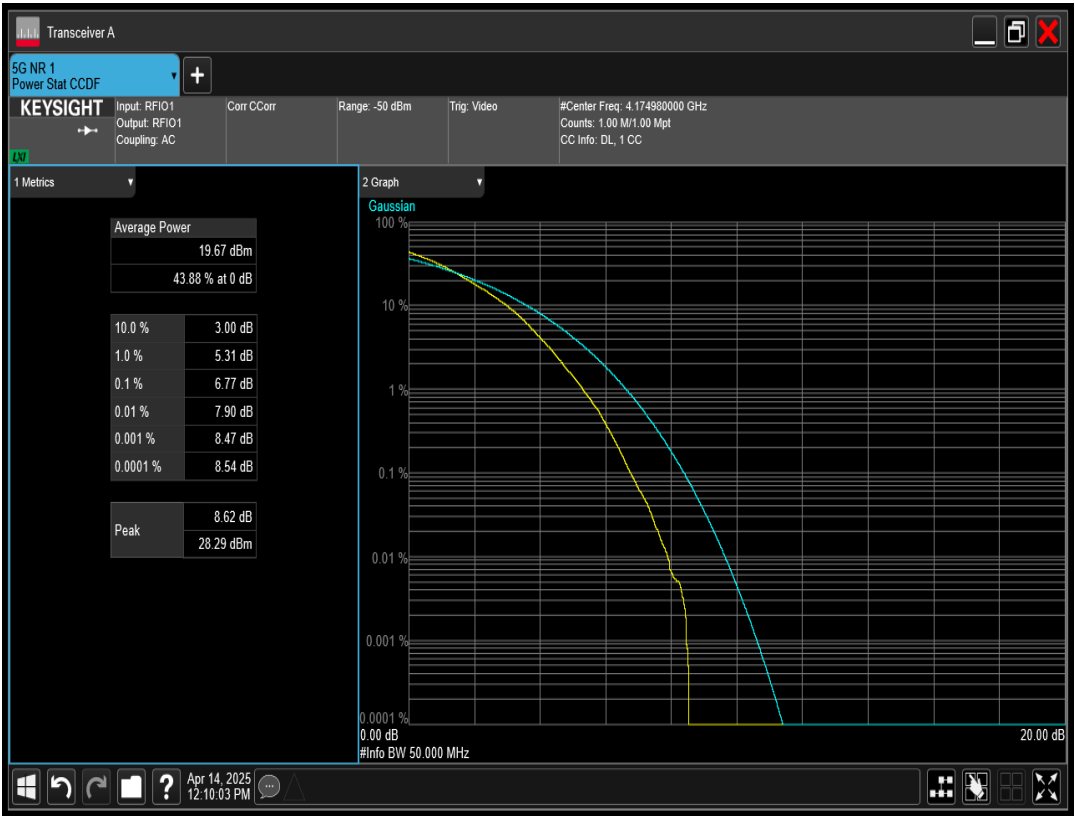
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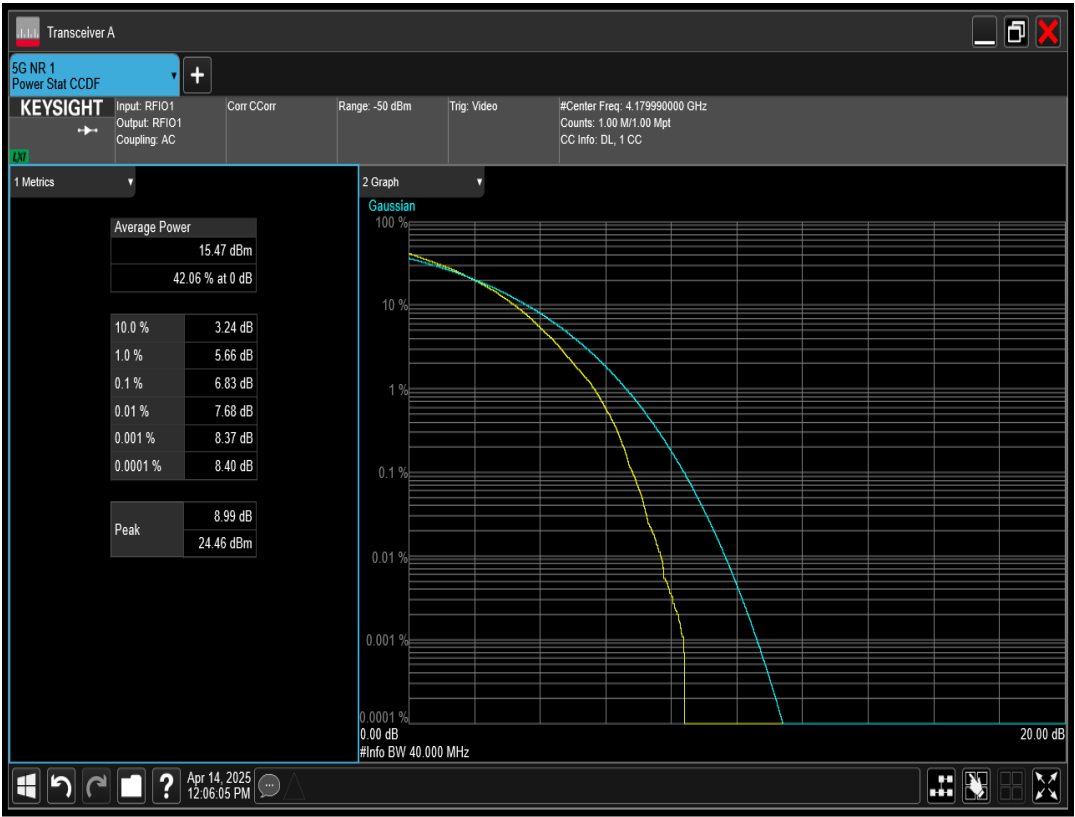
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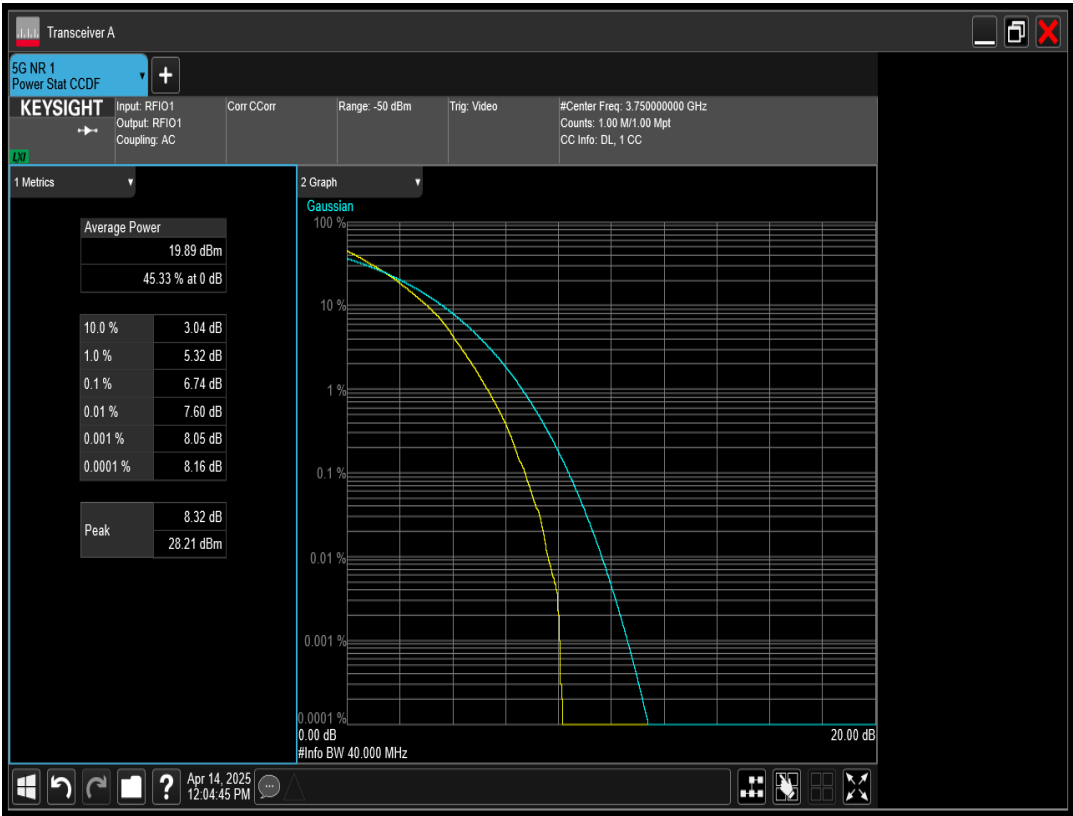
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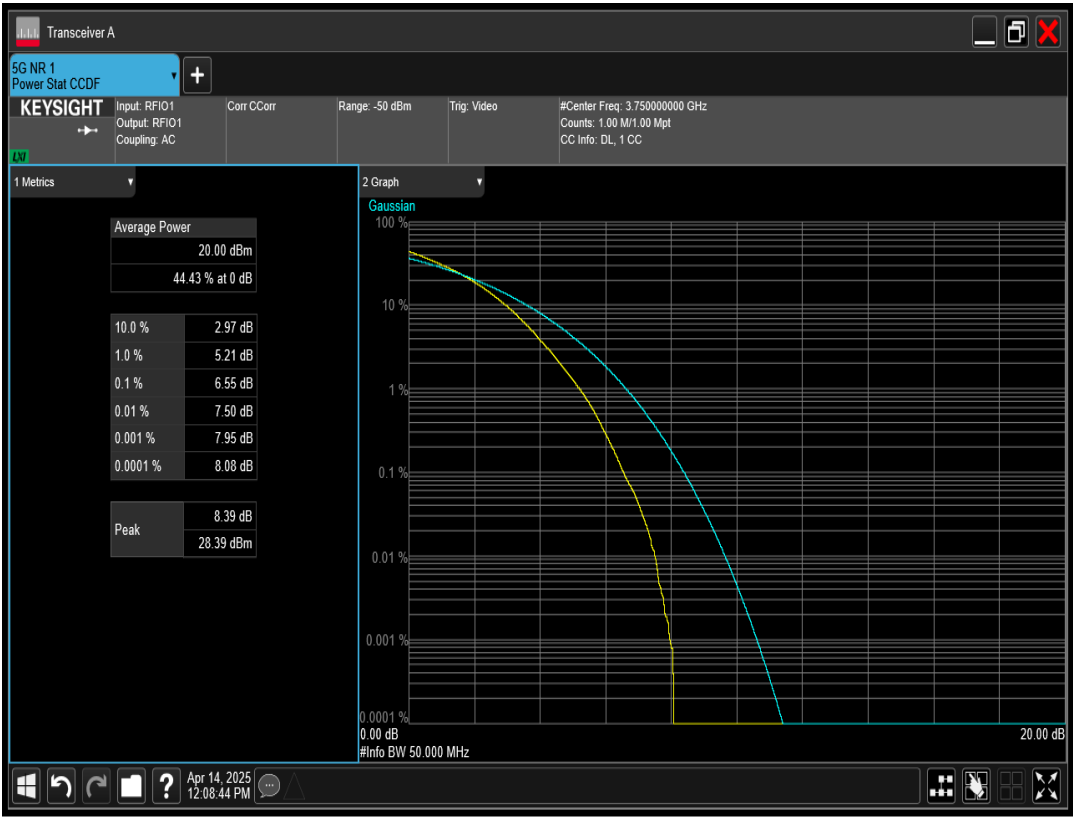
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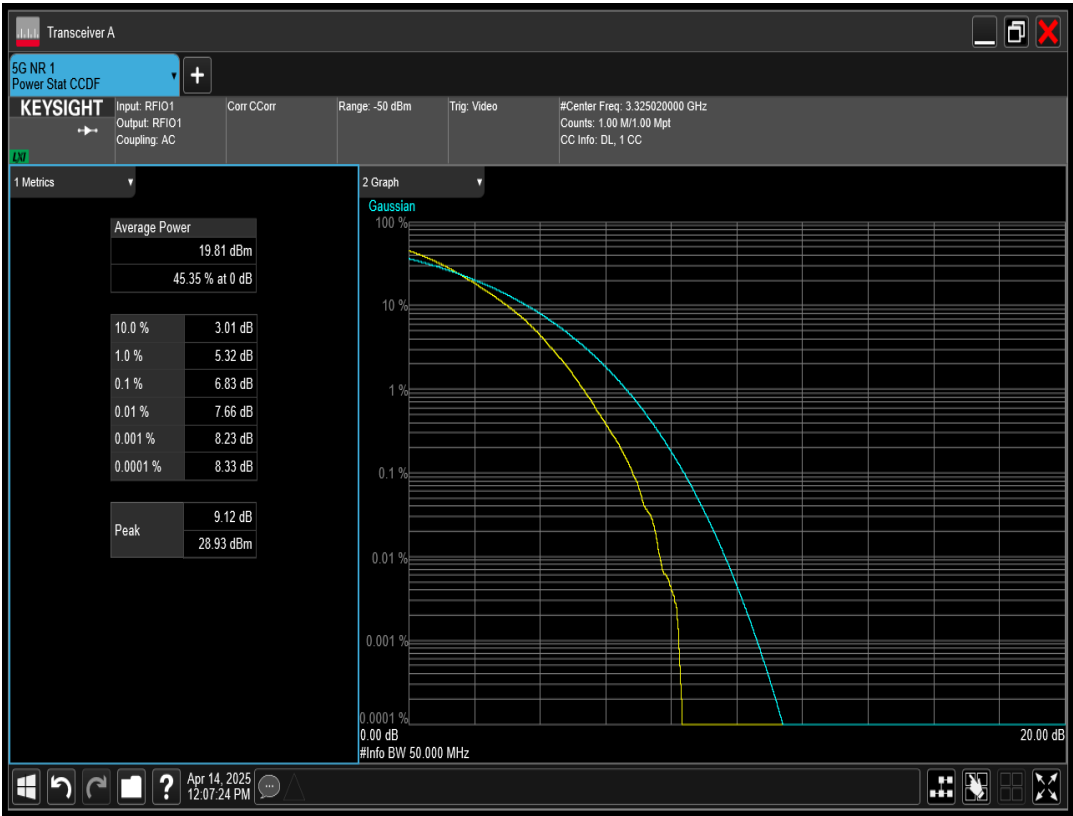
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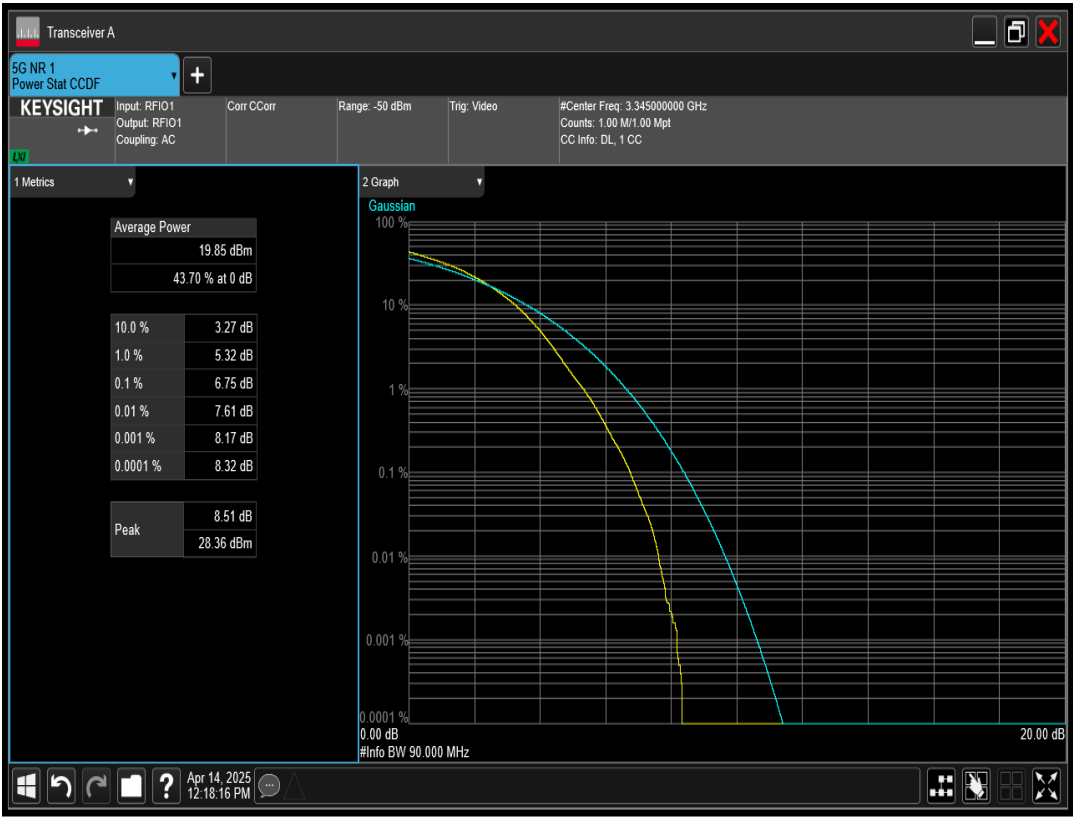
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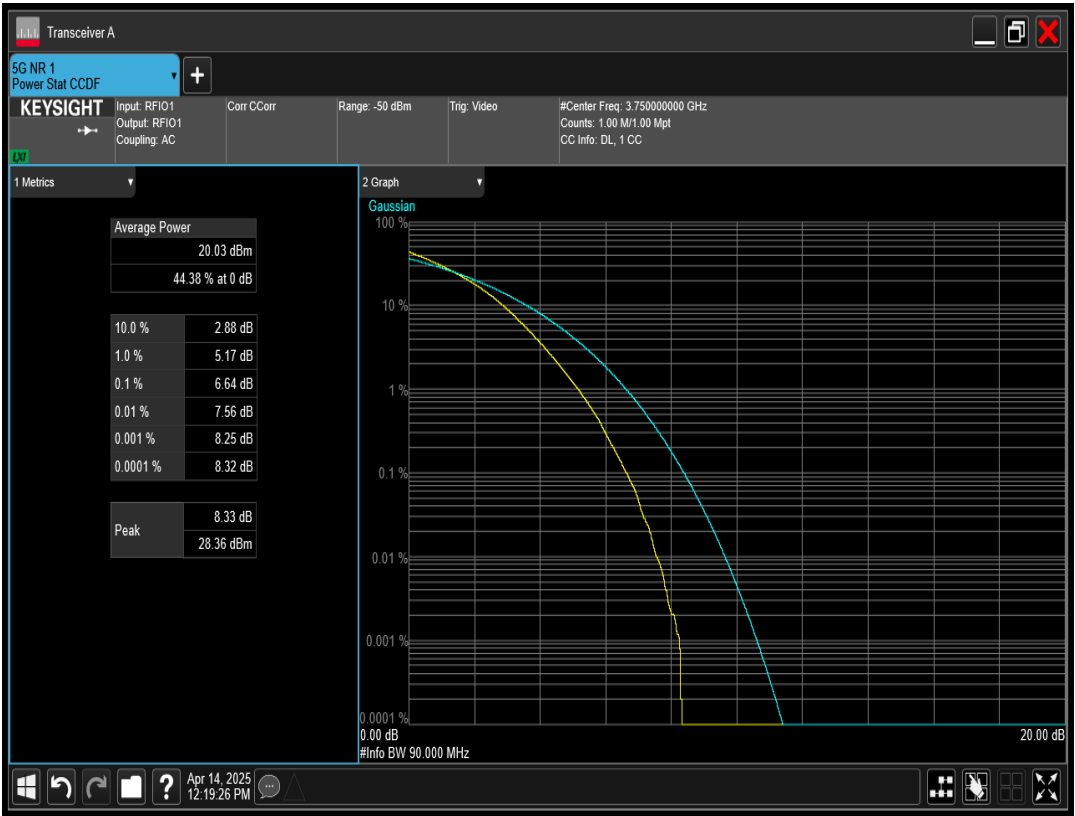
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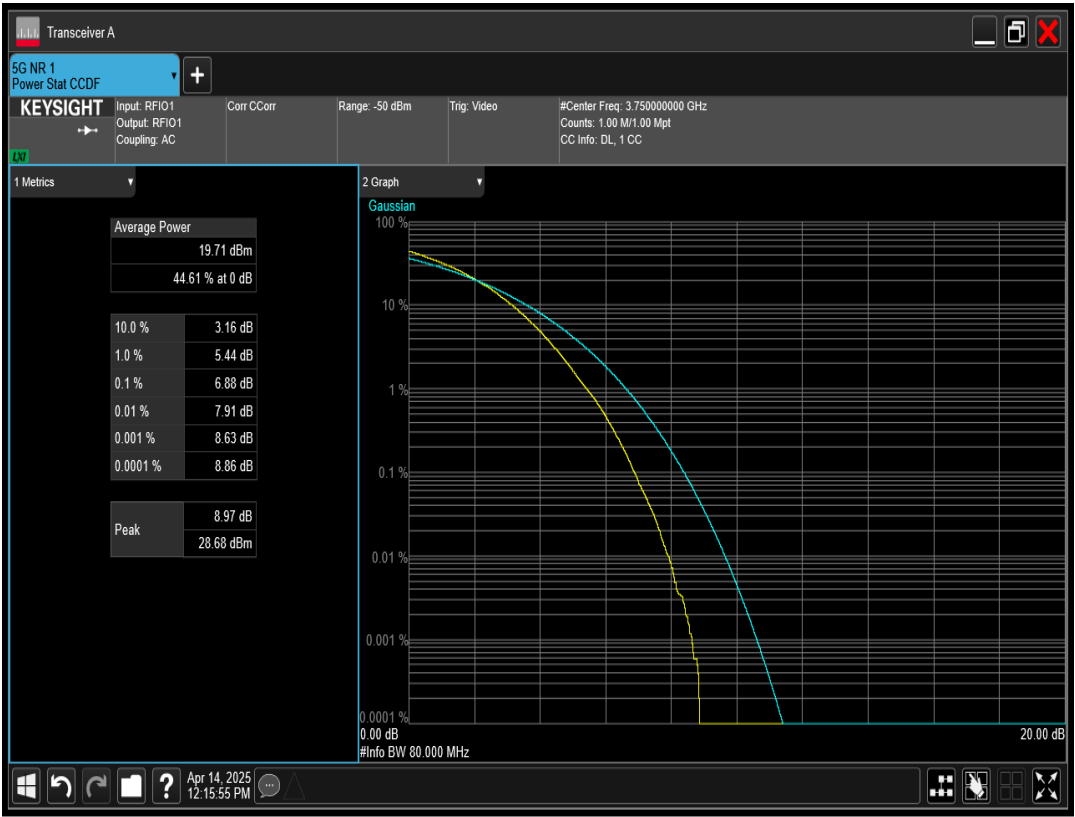
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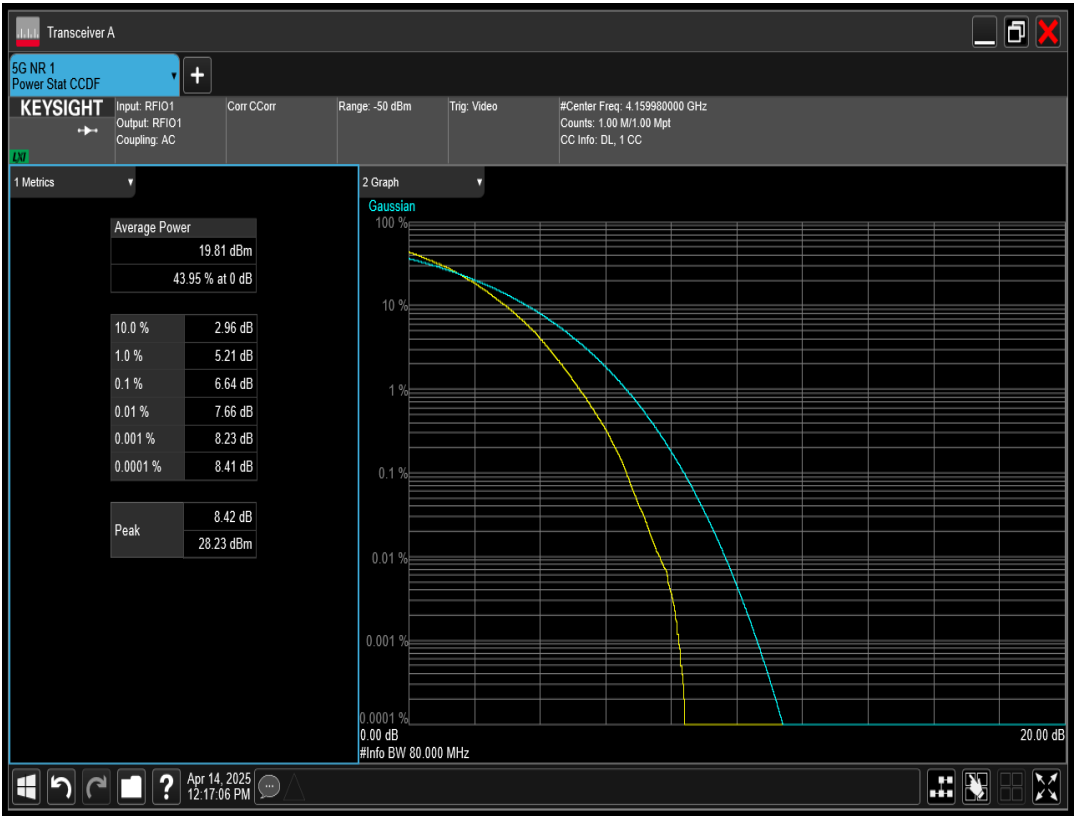
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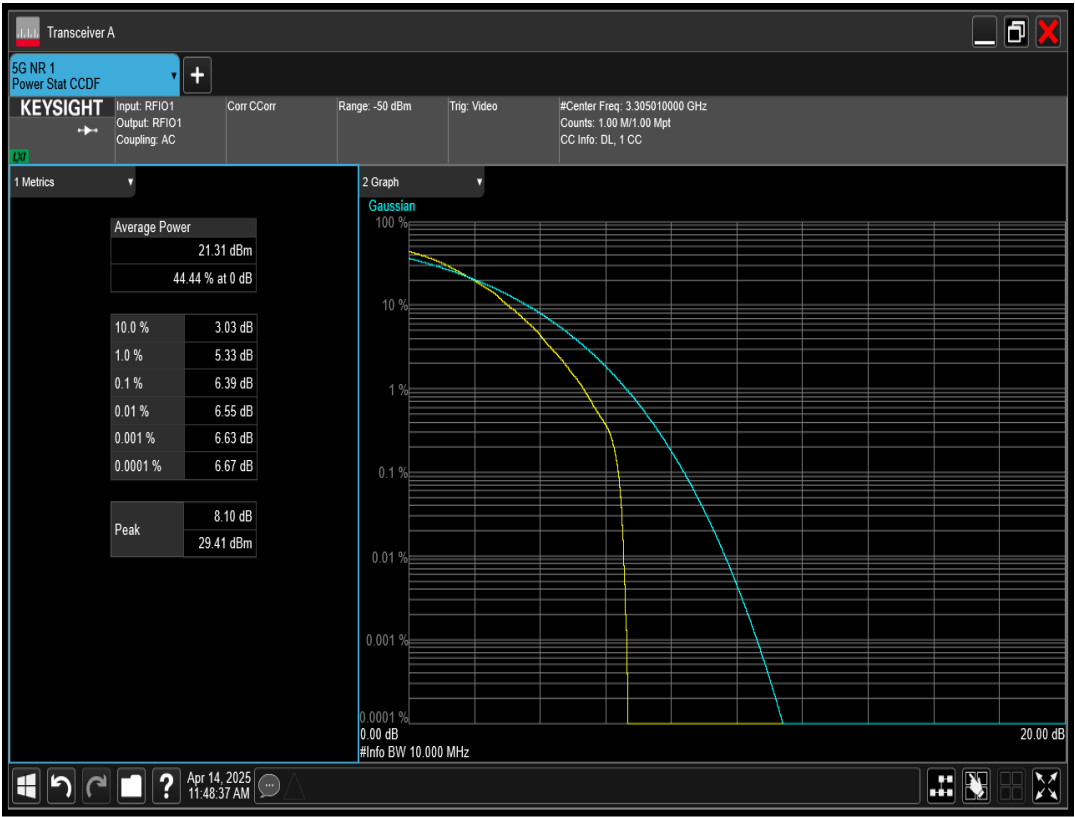
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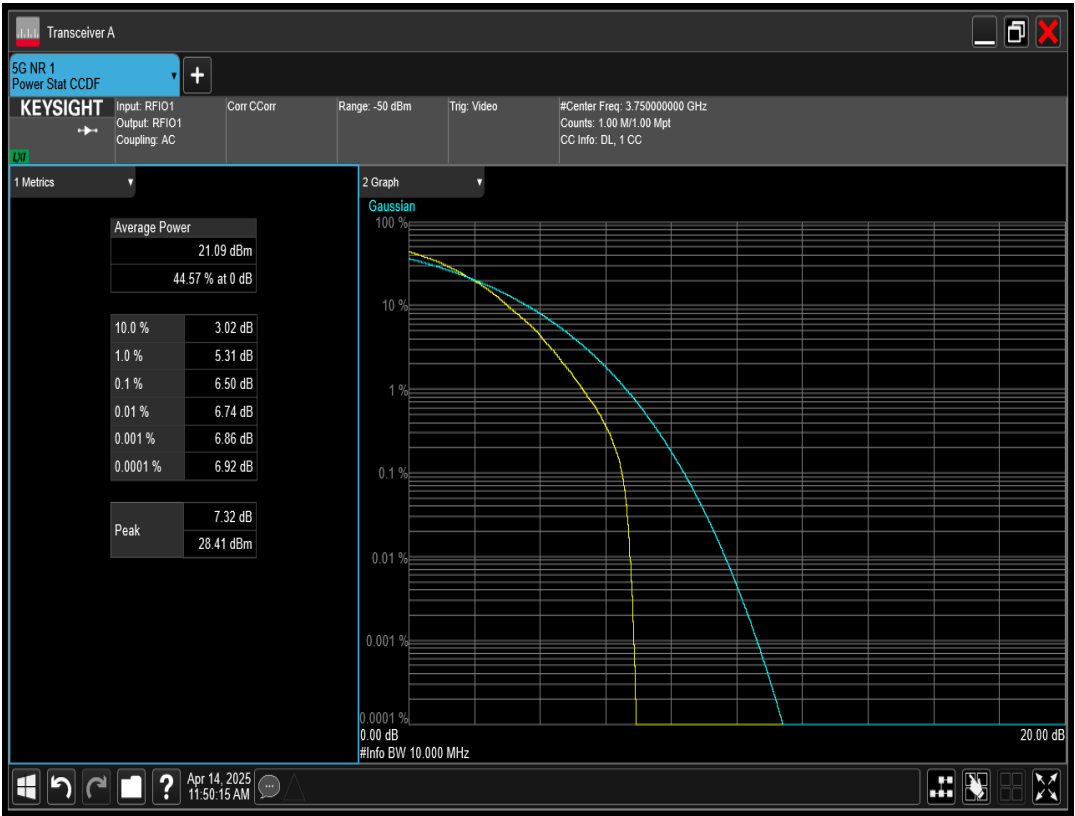
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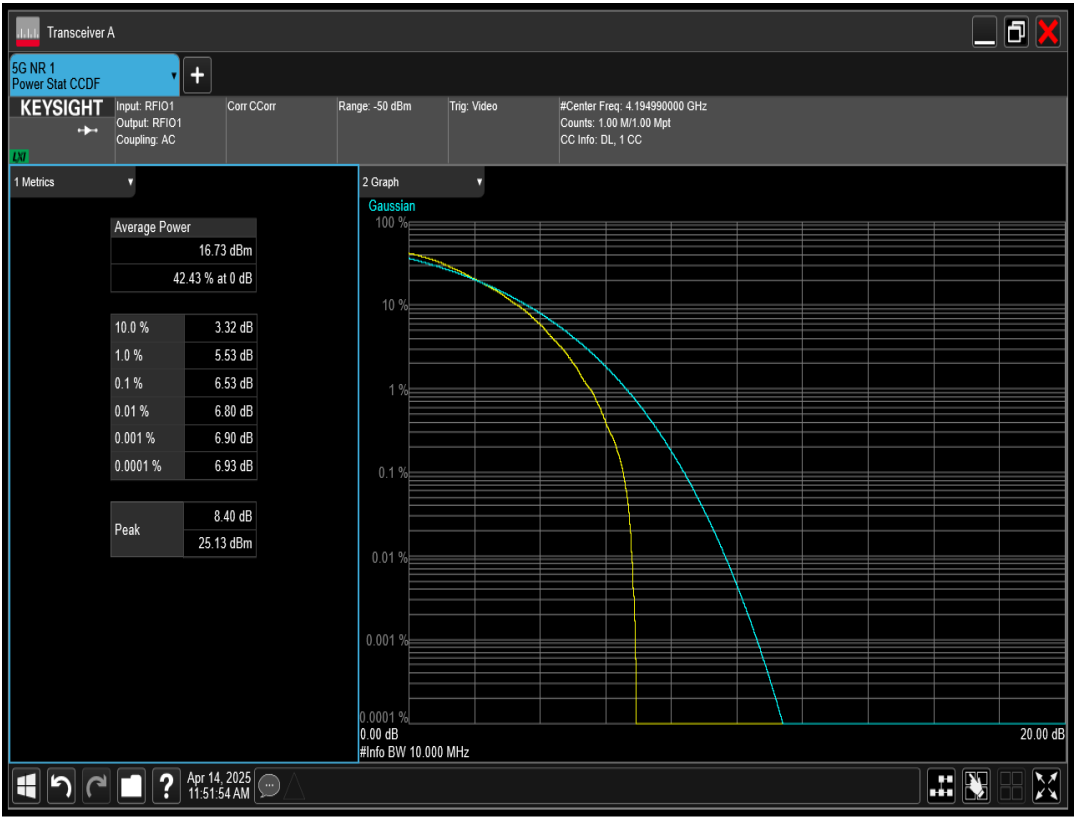
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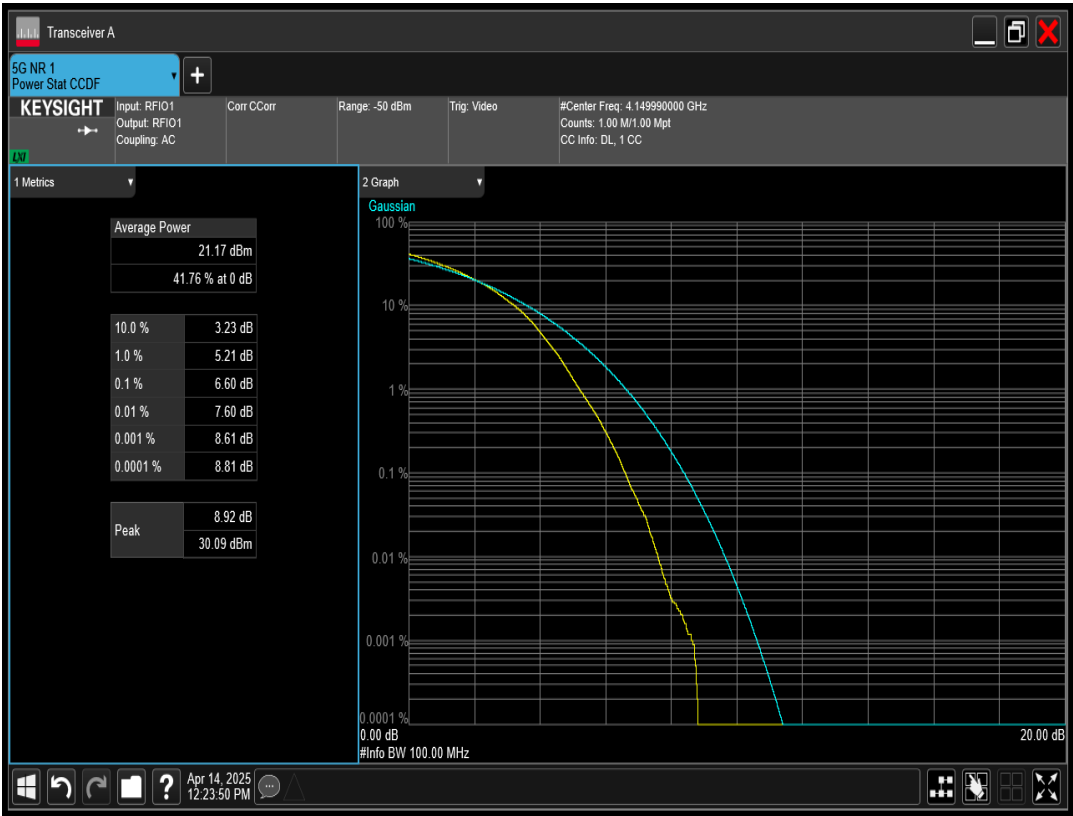
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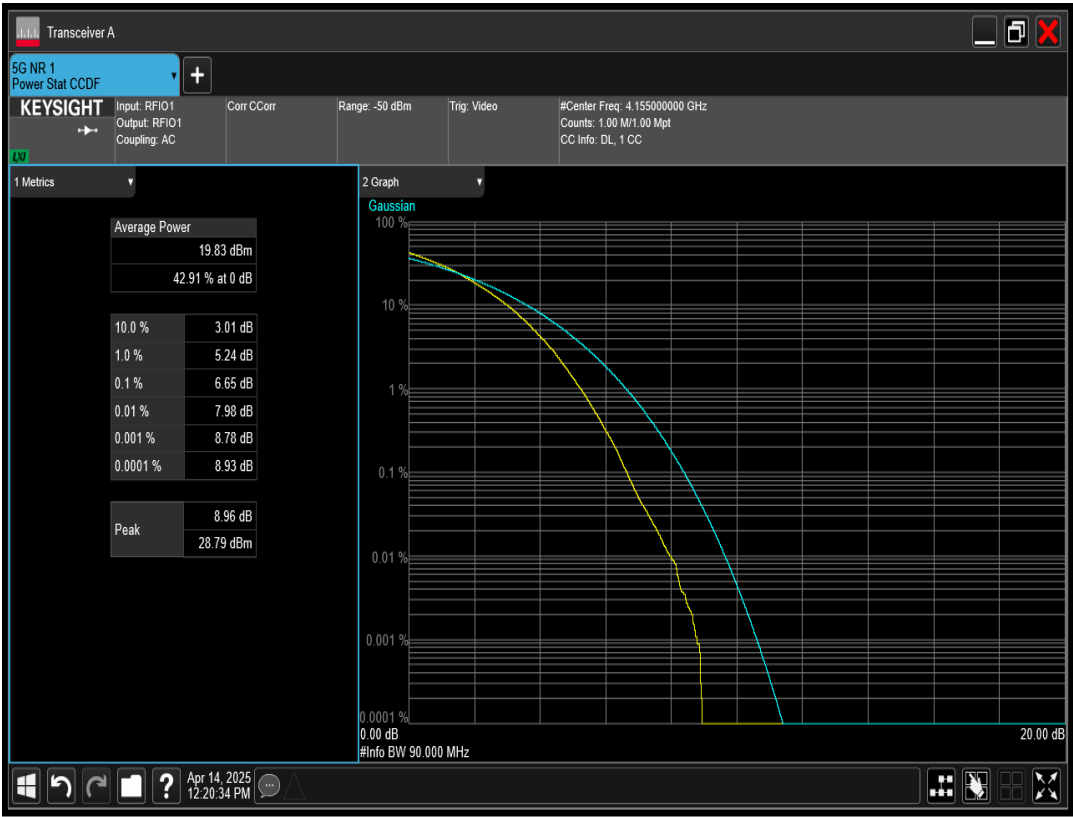
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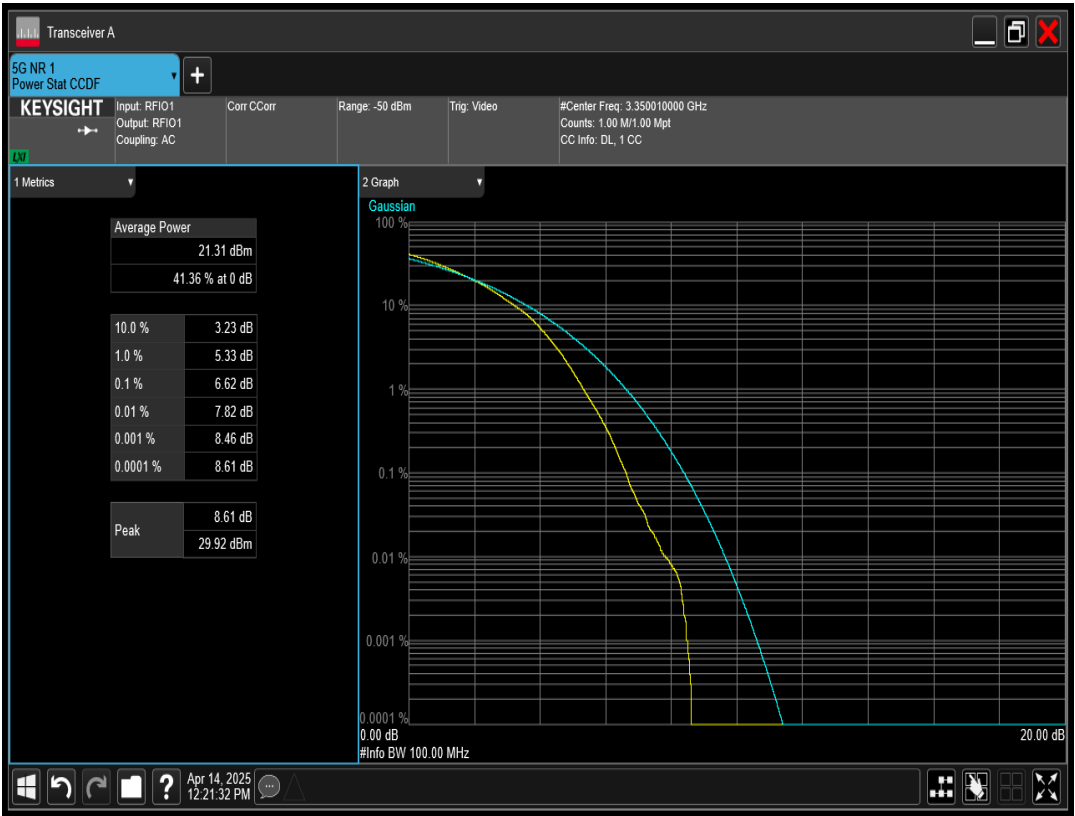
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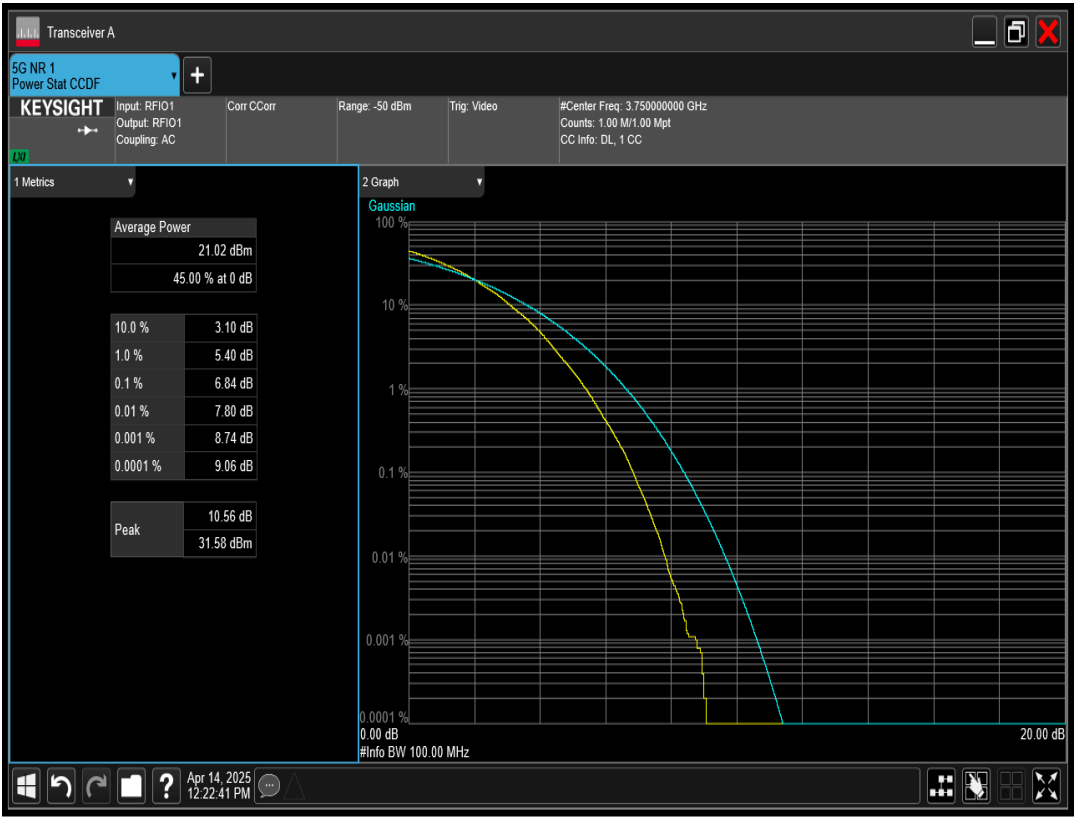
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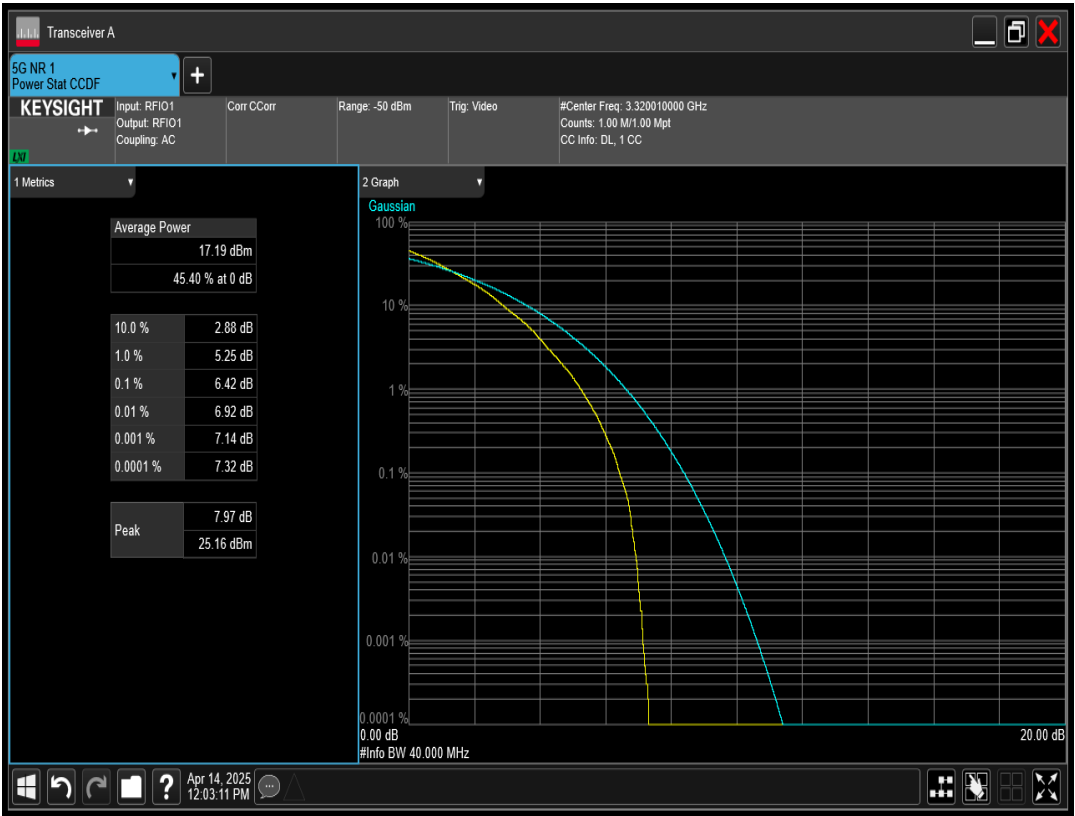
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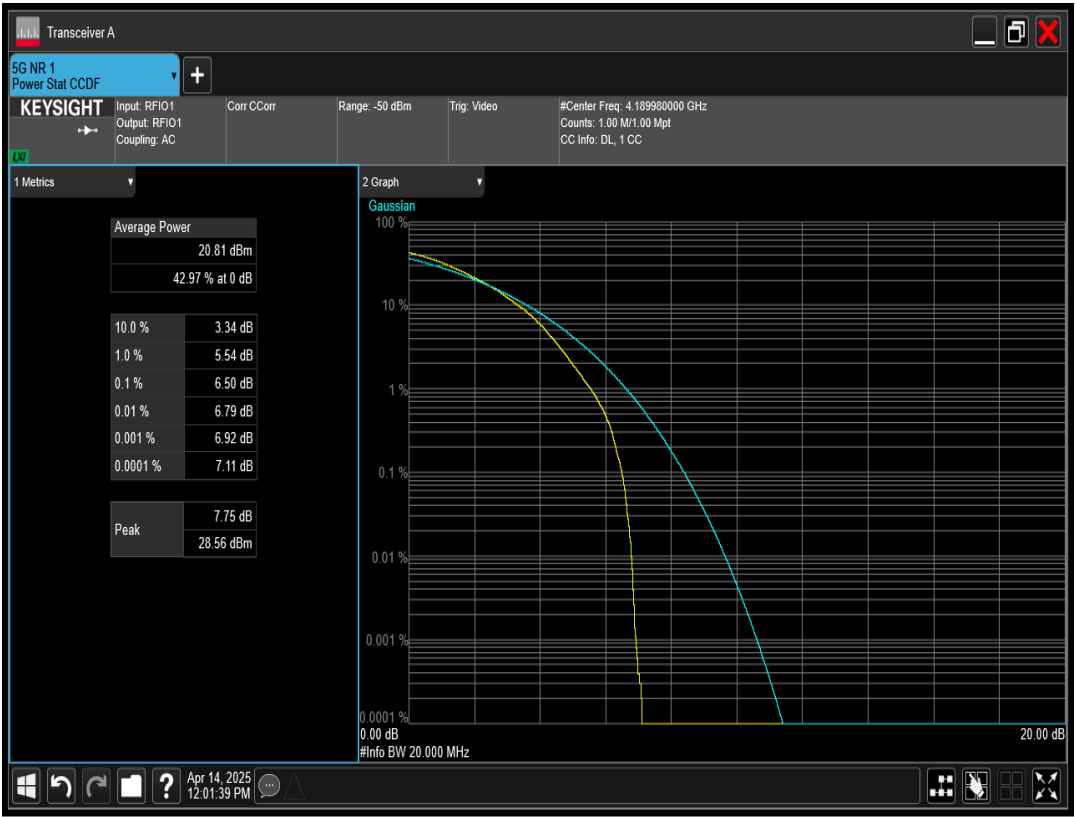
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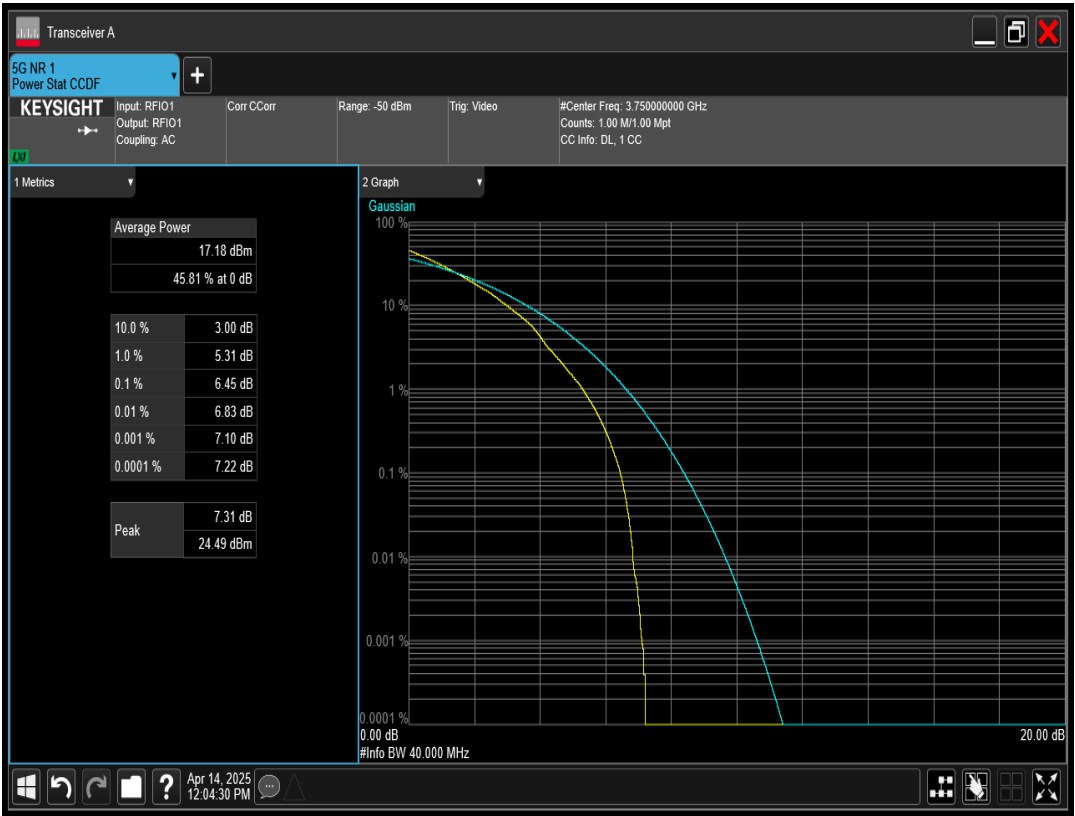
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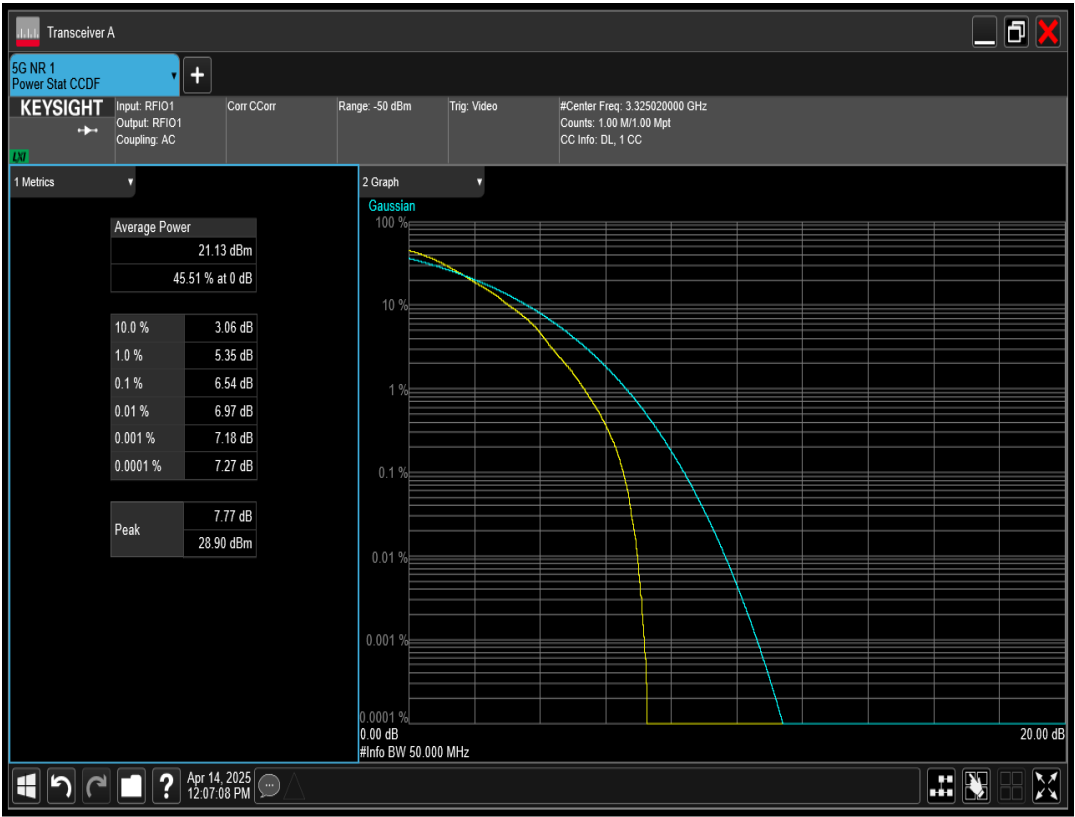
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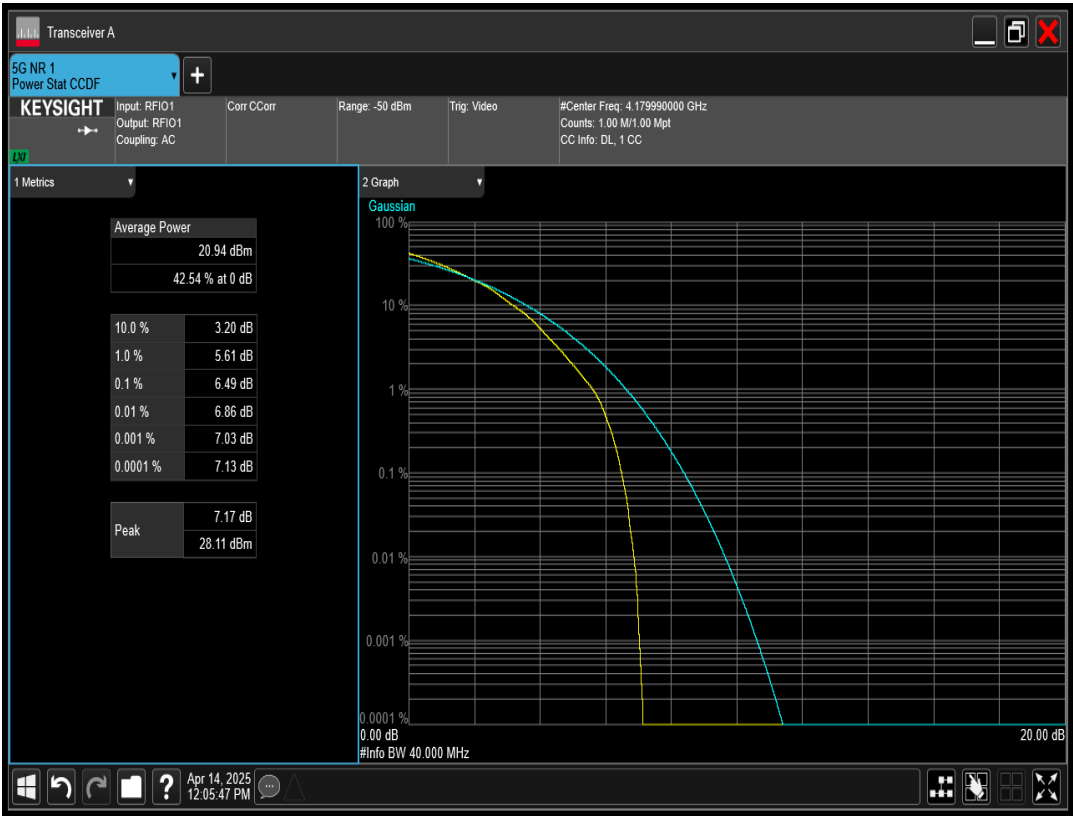
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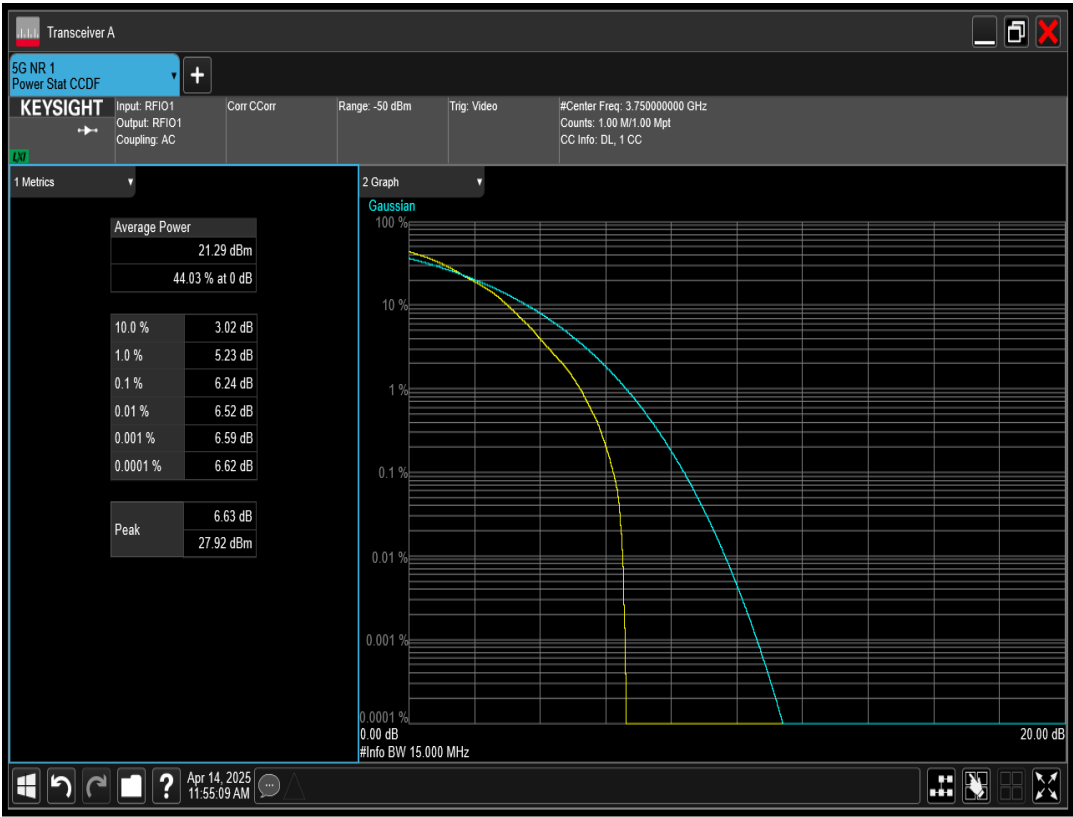
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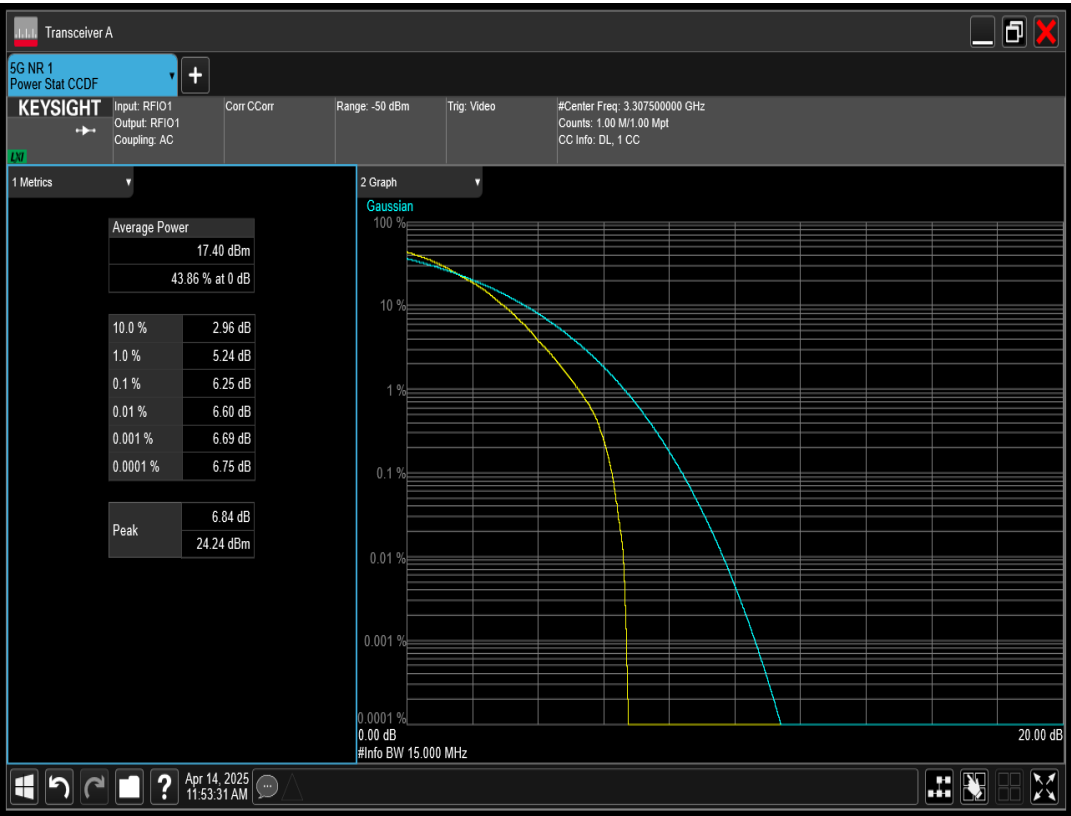
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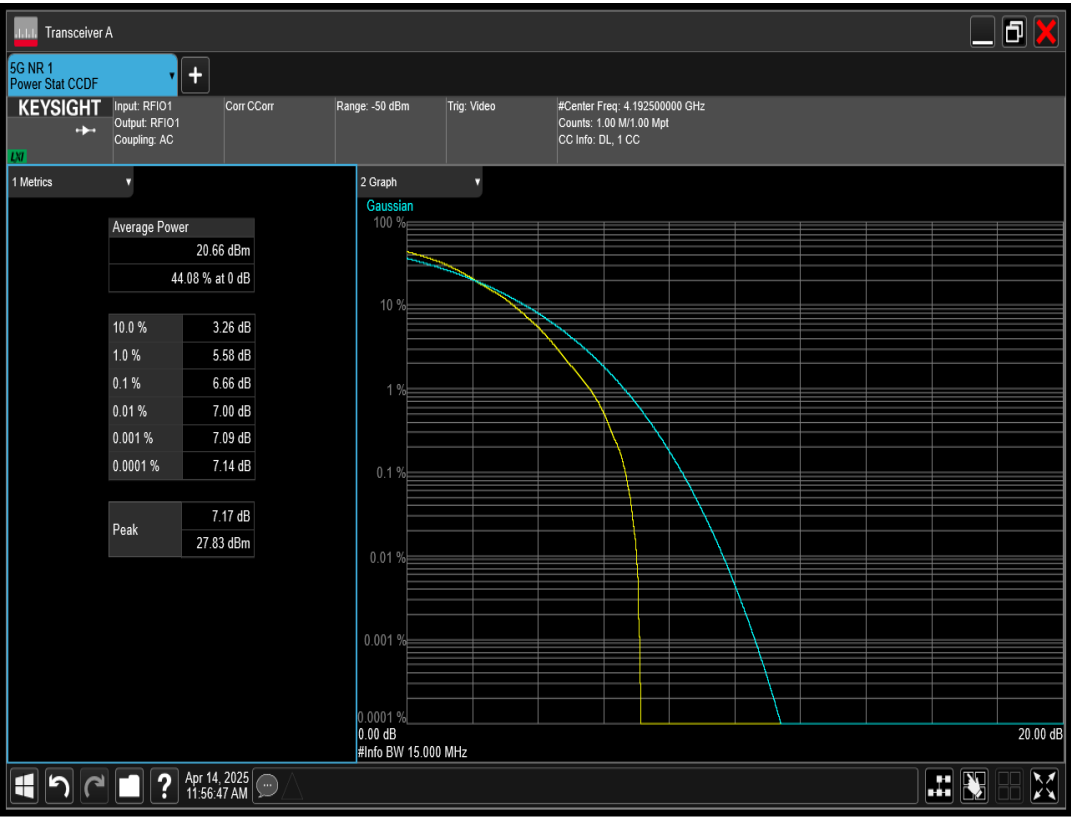
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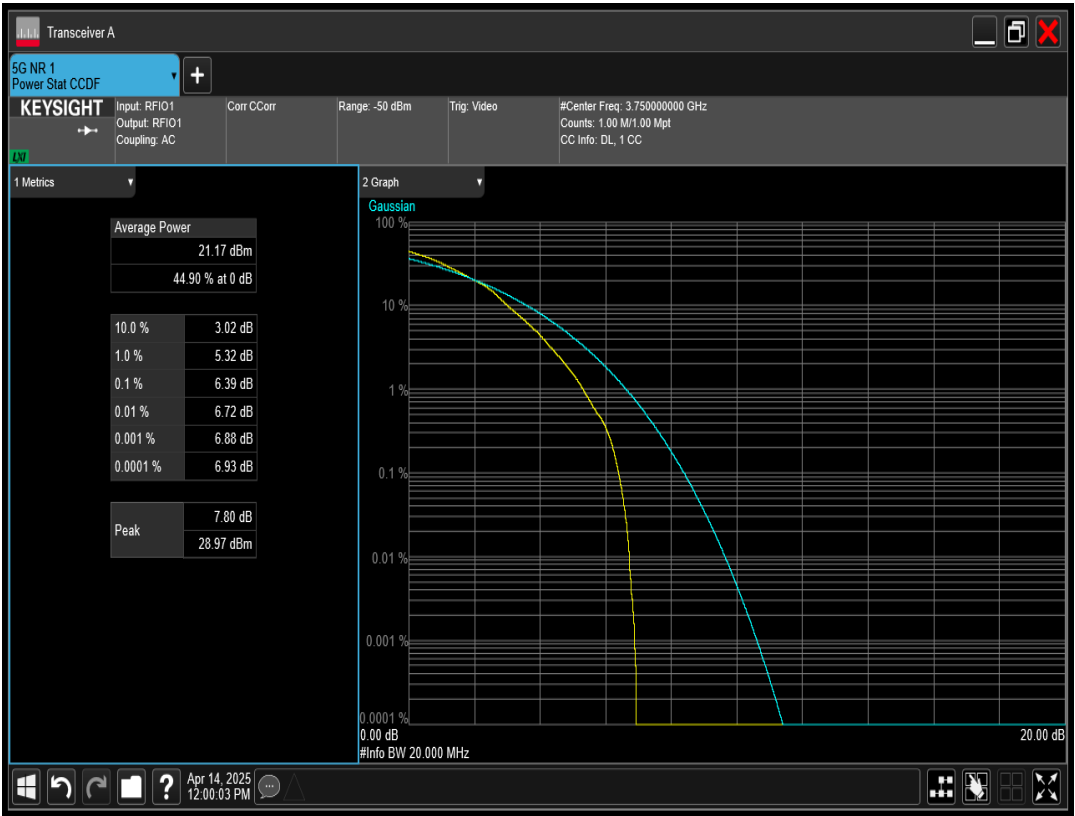
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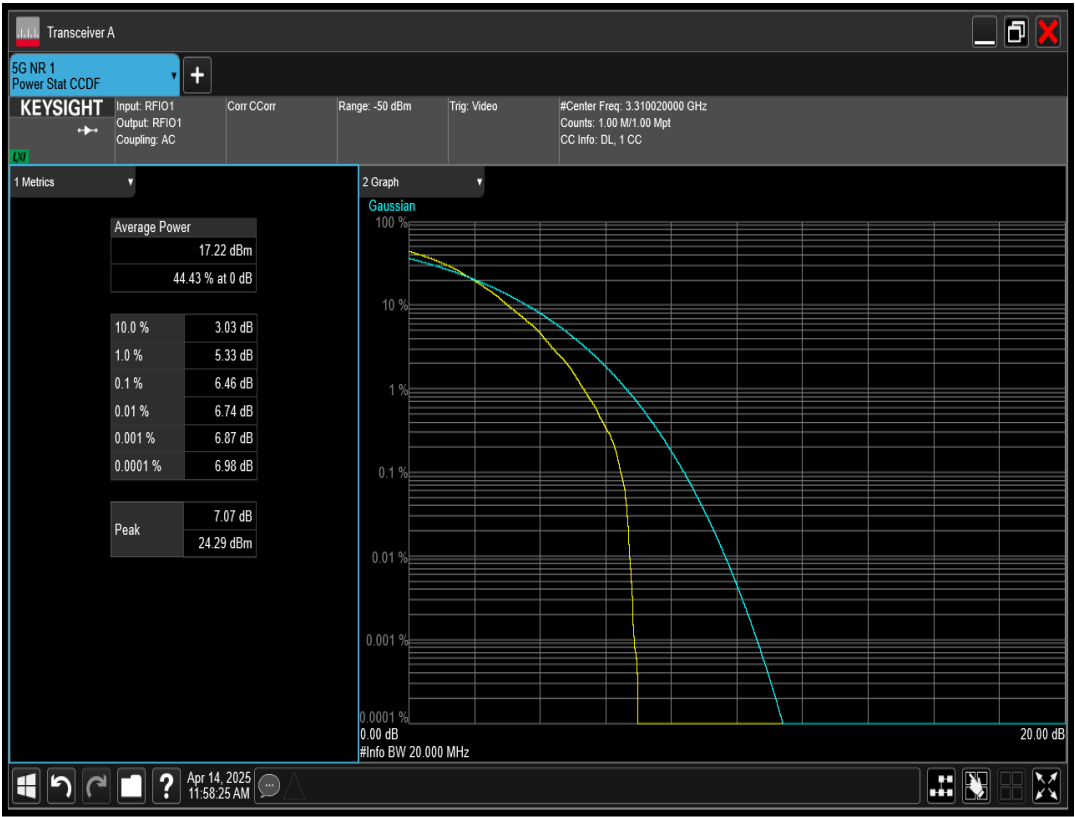
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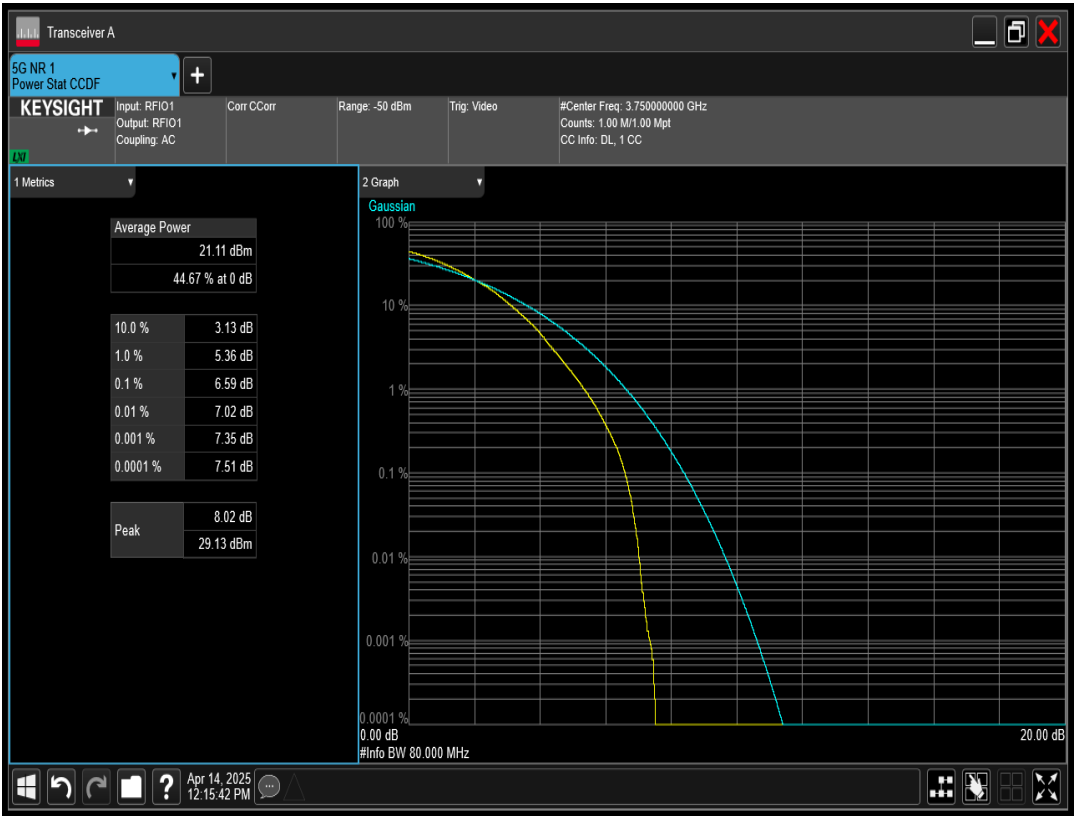
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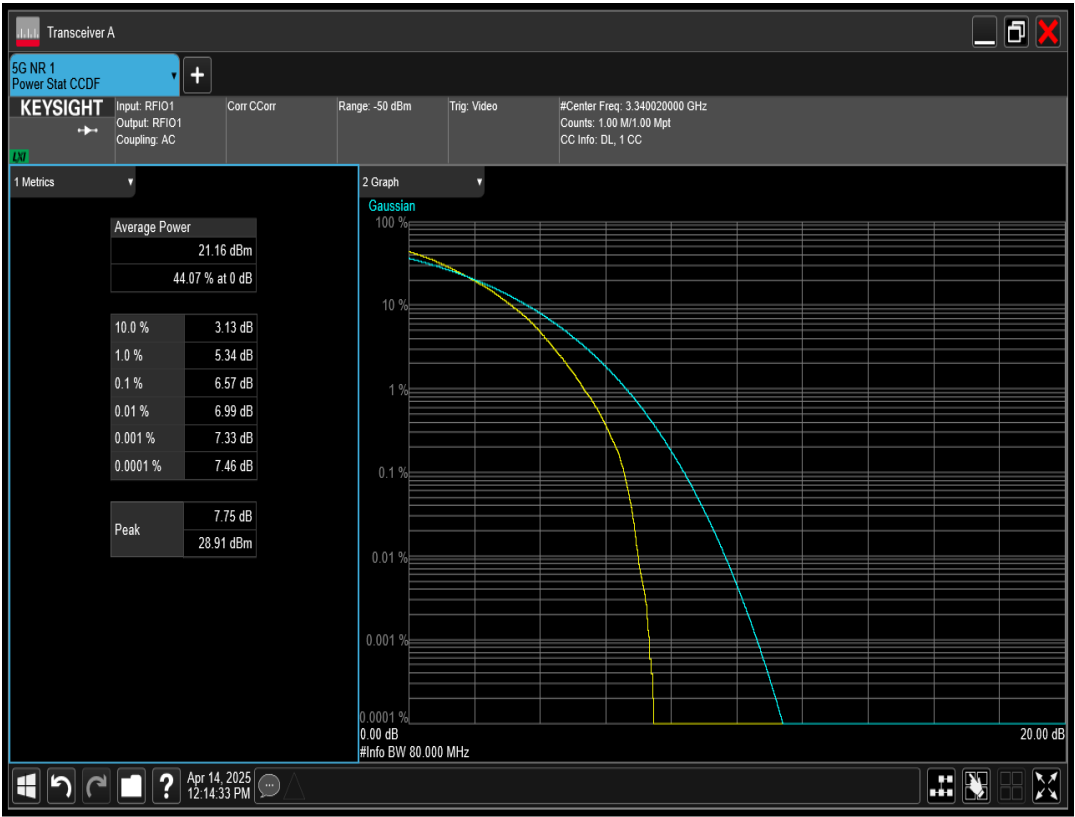
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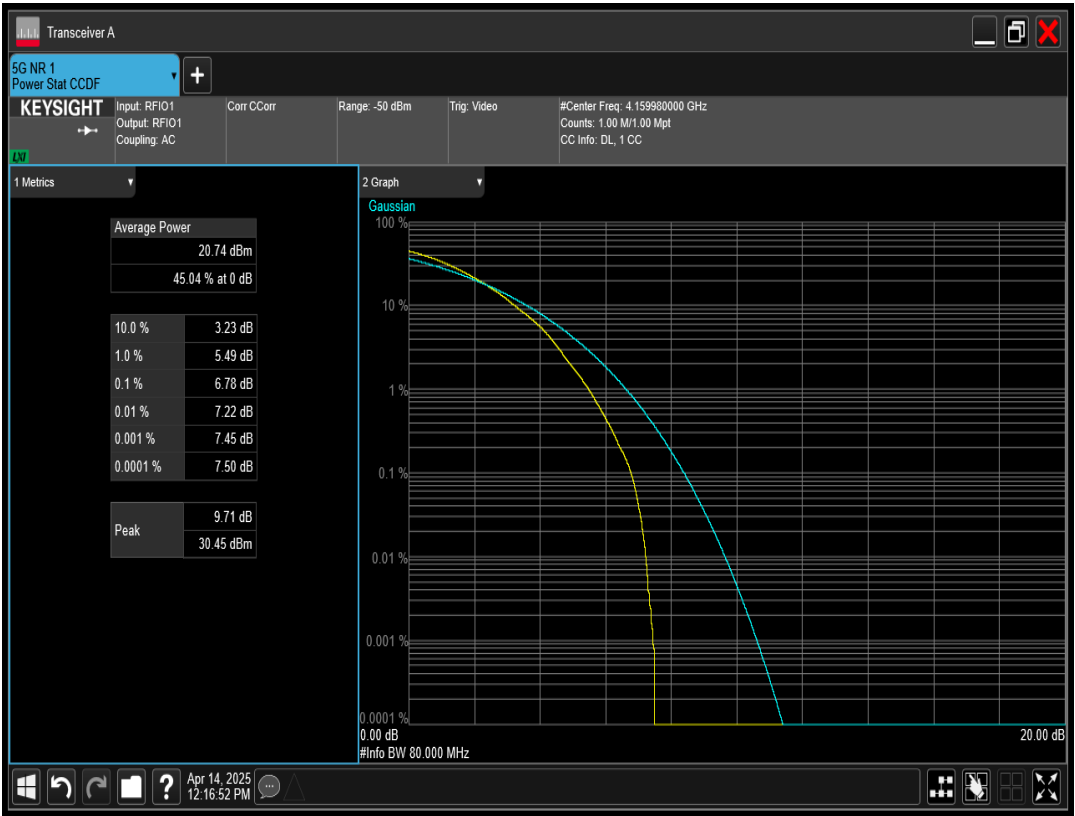
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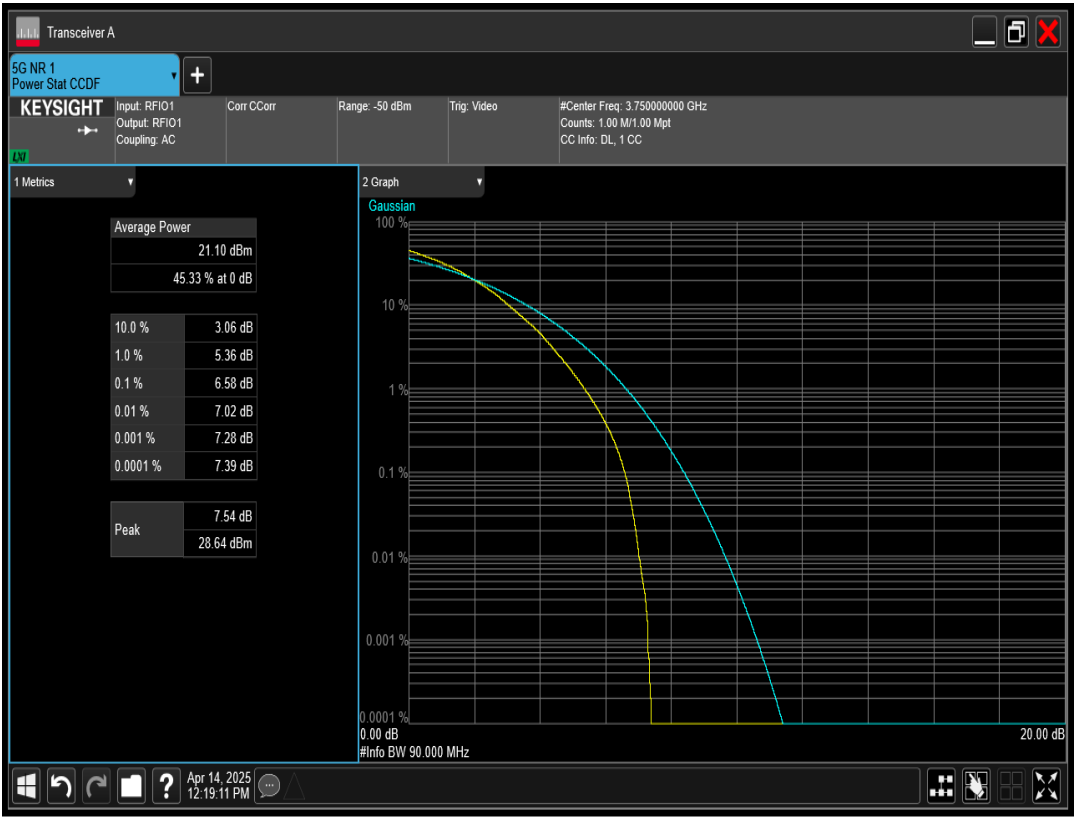
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n77 SCS=30kHz DFT_QAM64 BW=80MHz Channel=677332 RB=216@0



n77 SCS=30kHz DFT_QAM64 BW=90MHz Channel=650000 RB=240@0



n77 SCS=30kHz DFT_QAM64 BW=90MHz Channel=623000 RB=240@0