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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
Band5	15	5	20425	1@0	QPSK	19.95			
n66	15	5	342500	1@0	DFT_BPSK	21.55			
Sum	15					23.83	19	26	PASS
Band5	15	5	20525	8@0	QPSK	19.78			
n66	15	5	349000	12@6	DFT_BPSK	21.37			
Sum	15					23.65	19	26	PASS
Band5	15	5	20525	8@0	QPSK	19.74			
n66	15	5	349000	12@6	DFT_QPSK	21.32			
Sum	15					23.61	19	26	PASS
Band5	15	5	20625	1@17	QPSK	19.71			
n66	15	5	355500	1@24	DFT_BPSK	21.28			
Sum	15					23.57	19	26	PASS
Band5	15	5	20625	8@17	QPSK	19.82			
n66	15	5	355500	12@6	DFT_BPSK	21.20			
Sum	15					23.57	19	26	PASS
Band5	15	5	20625	1@17	QPSK	19.68			
n66	15	5	355500	1@24	DFT_QPSK	21.23			
Sum	15					23.53	19	26	PASS
Band5	15	5	20625	8@17	QPSK	19.83			
n66	15	5	355500	12@6	DFT_QPSK	21.18			
Sum	15					23.56	19	26	PASS
Band5	15	10	20450	1@0	QPSK	19.78			
n66	15	40	346000	1@0	DFT_BPSK	21.34			
Sum	15					23.63	19	26	PASS
Band5	15	10	20525	12@0	QPSK	19.79			
n66	15	40	349000	108@54	DFT_BPSK	21.34			
Sum	15					23.64	19	26	PASS
Band5	15	10	20525	12@0	QPSK	19.69			
n66	15	40	349000	108@54	DFT_QPSK	21.35			
Sum	15					23.60	19	26	PASS
Band5	15	10	20600	1@38	QPSK	20.27			
n66	15	40	352000	1@215	DFT_BPSK	21.23			
Sum	15					23.78	19	26	PASS
Band5	15	10	20600	12@38	QPSK	19.86			
n66	15	40	352000	108@54	DFT_BPSK	21.35			
Sum	15					23.67	19	26	PASS
Band5	15	10	20600	1@38	QPSK	20.28			
n66	15	40	352000	1@215	DFT_QPSK	21.21			

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Sum	15					23.78	19	26	PASS
Band5	15	10	20600	12@38	QPSK	19.90			
n66	15	40	352000	108@54	DFT_QPSK	21.38			
Sum	15					23.71	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
n66	15	5	342500	12@6	DFT_BPSK	-0.16	-0.00009	-2.5	2.5	PASS
n66	15	5	342500	1@1	DFT_BPSK	0.49	0.00029	-2.5	2.5	PASS
n66	15	5	342500	1@23	DFT_BPSK	-0.91	-0.00053	-2.5	2.5	PASS
n66	15	5	342500	12@6	DFT_QPSK	0.02	0.00001	-2.5	2.5	PASS
n66	15	5	342500	1@1	DFT_QPSK	1.03	0.00060	-2.5	2.5	PASS
n66	15	5	342500	1@23	DFT_QPSK	0.55	0.00032	-2.5	2.5	PASS
n66	15	5	349000	12@6	DFT_BPSK	-1.75	-0.00100	-2.5	2.5	PASS
n66	15	5	349000	1@1	DFT_BPSK	-2.19	-0.00126	-2.5	2.5	PASS
n66	15	5	349000	1@23	DFT_BPSK	-2.51	-0.00144	-2.5	2.5	PASS
n66	15	5	349000	12@6	DFT_QPSK	0.65	0.00037	-2.5	2.5	PASS
n66	15	5	349000	1@1	DFT_QPSK	1.09	0.00062	-2.5	2.5	PASS
n66	15	5	349000	1@23	DFT_QPSK	-0.29	-0.00017	-2.5	2.5	PASS
n66	15	5	355500	12@6	DFT_BPSK	-1.03	-0.00058	-2.5	2.5	PASS
n66	15	5	355500	1@1	DFT_BPSK	-2.43	-0.00137	-2.5	2.5	PASS
n66	15	5	355500	1@23	DFT_BPSK	-0.30	-0.00017	-2.5	2.5	PASS
n66	15	5	355500	12@6	DFT_QPSK	-1.34	-0.00075	-2.5	2.5	PASS
n66	15	5	355500	1@1	DFT_QPSK	-2.32	-0.00131	-2.5	2.5	PASS
n66	15	5	355500	1@23	DFT_QPSK	-1.03	-0.00058	-2.5	2.5	PASS
n66	15	20	344000	50@25	DFT_BPSK	-3.00	-0.00174	-2.5	2.5	PASS
n66	15	20	344000	1@1	DFT_BPSK	-3.57	-0.00208	-2.5	2.5	PASS
n66	15	20	344000	1@104	DFT_BPSK	-3.17	-0.00184	-2.5	2.5	PASS
n66	15	20	344000	50@25	DFT_QPSK	1.01	0.00059	-2.5	2.5	PASS
n66	15	20	344000	1@1	DFT_QPSK	0.34	0.00020	-2.5	2.5	PASS
n66	15	20	344000	1@104	DFT_QPSK	0.87	0.00051	-2.5	2.5	PASS
n66	15	20	349000	50@25	DFT_BPSK	-3.11	-0.00178	-2.5	2.5	PASS
n66	15	20	349000	1@1	DFT_BPSK	-4.60	-0.00264	-2.5	2.5	PASS
n66	15	20	349000	1@104	DFT_BPSK	-4.27	-0.00245	-2.5	2.5	PASS
n66	15	20	349000	50@25	DFT_QPSK	1.62	0.00093	-2.5	2.5	PASS
n66	15	20	349000	1@1	DFT_QPSK	0.53	0.00030	-2.5	2.5	PASS
n66	15	20	349000	1@104	DFT_QPSK	0.19	0.00011	-2.5	2.5	PASS
n66	15	20	354000	50@25	DFT_BPSK	-5.72	-0.00323	-2.5	2.5	PASS
n66	15	20	354000	1@1	DFT_BPSK	-6.98	-0.00394	-2.5	2.5	PASS
n66	15	20	354000	1@104	DFT_BPSK	-6.00	-0.00339	-2.5	2.5	PASS
n66	15	20	354000	50@25	DFT_QPSK	-1.82	-0.00103	-2.5	2.5	PASS
n66	15	20	354000	1@1	DFT_QPSK	-2.79	-0.00158	-2.5	2.5	PASS
n66	15	20	354000	1@104	DFT_QPSK	-3.72	-0.00210	-2.5	2.5	PASS
n66	15	40	346000	108@54	DFT_BPSK	-1.29	-0.00075	-2.5	2.5	PASS
n66	15	40	346000	1@1	DFT_BPSK	-0.27	-0.00016	-2.5	2.5	PASS
n66	15	40	346000	1@214	DFT_BPSK	0.13	0.00008	-2.5	2.5	PASS

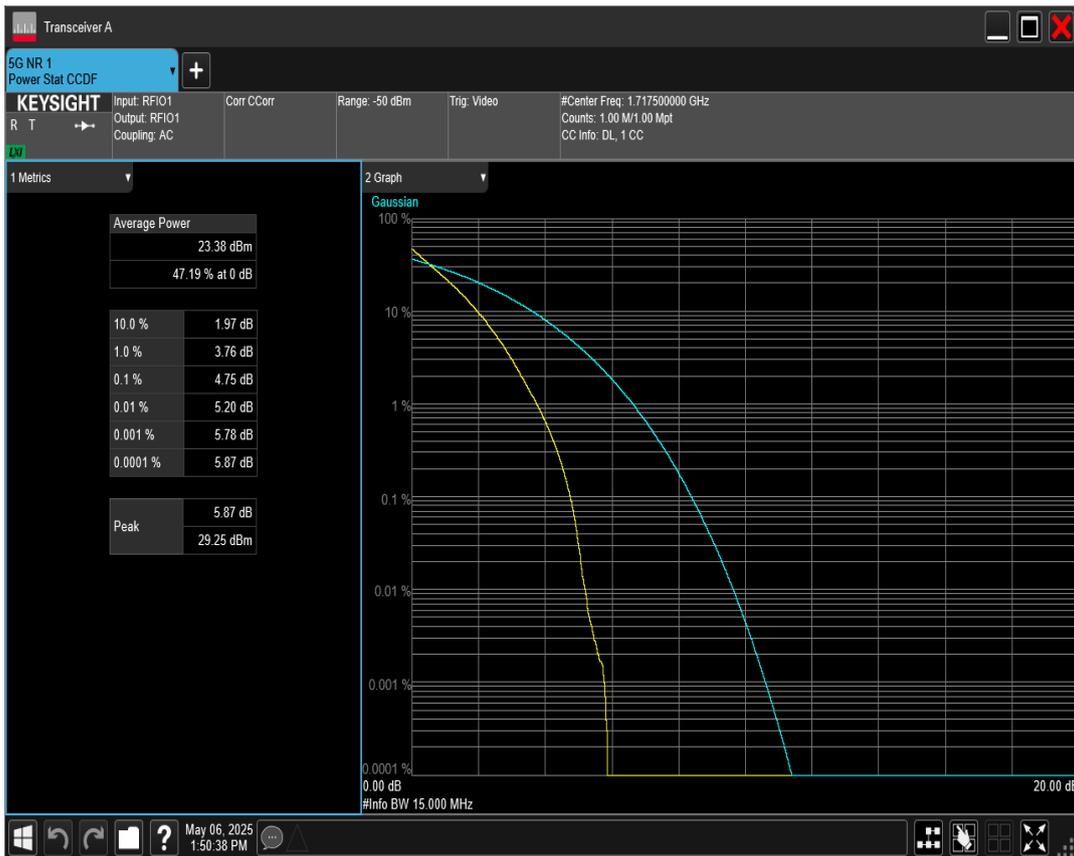
n66	15	40	346000	108@54	DFT_QPSK	-2.64	-0.00153	-2.5	2.5	PASS
n66	15	40	346000	1@1	DFT_QPSK	-0.86	-0.00050	-2.5	2.5	PASS
n66	15	40	346000	1@214	DFT_QPSK	-1.33	-0.00077	-2.5	2.5	PASS
n66	15	40	349000	108@54	DFT_BPSK	0.25	0.00014	-2.5	2.5	PASS
n66	15	40	349000	1@1	DFT_BPSK	0.61	0.00035	-2.5	2.5	PASS
n66	15	40	349000	1@214	DFT_BPSK	0.74	0.00042	-2.5	2.5	PASS
n66	15	40	349000	108@54	DFT_QPSK	-1.00	-0.00057	-2.5	2.5	PASS
n66	15	40	349000	1@1	DFT_QPSK	-0.27	-0.00015	-2.5	2.5	PASS
n66	15	40	349000	1@214	DFT_QPSK	-0.93	-0.00053	-2.5	2.5	PASS
n66	15	40	352000	108@54	DFT_BPSK	0.34	0.00019	-2.5	2.5	PASS
n66	15	40	352000	1@1	DFT_BPSK	1.06	0.00060	-2.5	2.5	PASS
n66	15	40	352000	1@214	DFT_BPSK	-1.04	-0.00059	-2.5	2.5	PASS
n66	15	40	352000	108@54	DFT_QPSK	0.64	0.00036	-2.5	2.5	PASS
n66	15	40	352000	1@1	DFT_QPSK	-1.53	-0.00087	-2.5	2.5	PASS
n66	15	40	352000	1@214	DFT_QPSK	-0.92	-0.00052	-2.5	2.5	PASS

### 3 Peak-to-Average Ratio for EN-DC

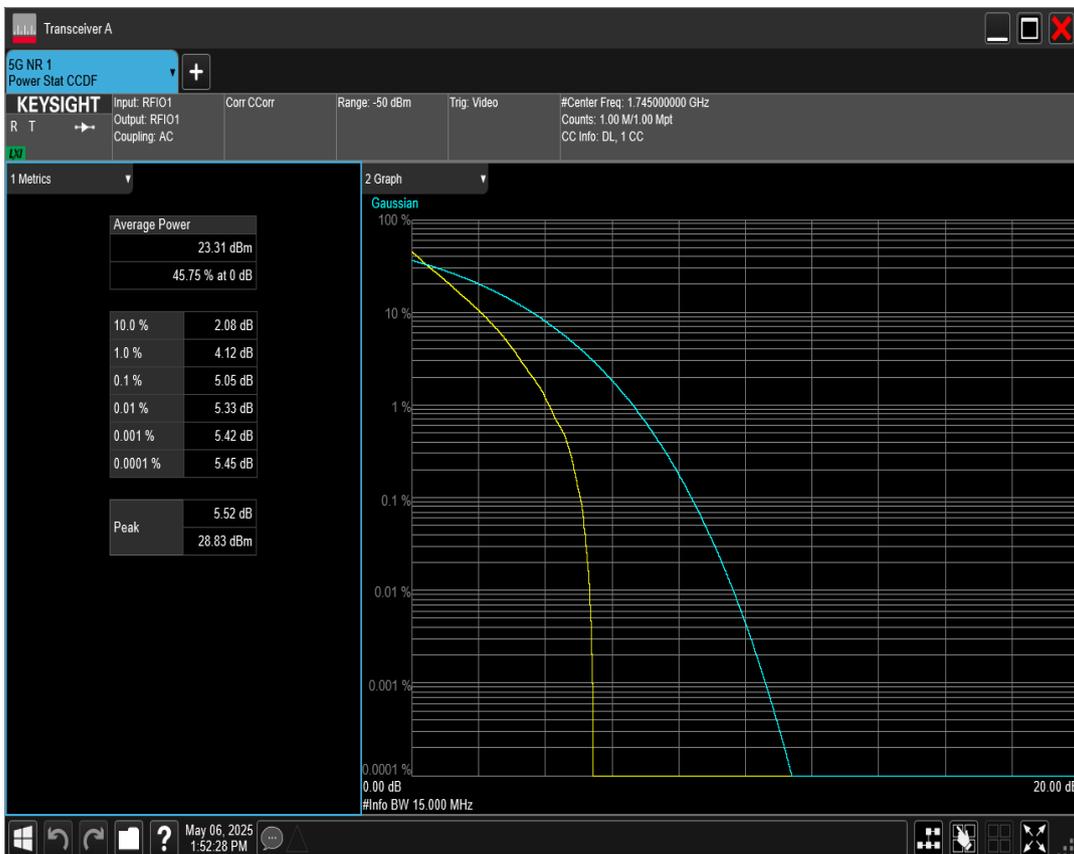
<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
n66	15	5	342500	25@0	DFT_BPSK	5.75	13	PASS
n66	15	5	342500	25@0	DFT_QPSK	6.14	13	PASS
n66	15	5	342500	25@0	DFT_QAM16	6.77	13	PASS
n66	15	5	342500	25@0	DFT_QAM64	6.95	13	PASS
n66	15	5	342500	25@0	DFT_QAM256	7.16	13	PASS
n66	15	5	349000	25@0	DFT_BPSK	4.85	13	PASS
n66	15	5	349000	25@0	DFT_QPSK	5.55	13	PASS
n66	15	5	349000	25@0	DFT_QAM16	6.38	13	PASS
n66	15	5	349000	25@0	DFT_QAM64	6.77	13	PASS
n66	15	5	349000	25@0	DFT_QAM256	7.18	13	PASS
n66	15	5	355500	25@0	DFT_BPSK	4.43	13	PASS
n66	15	5	355500	25@0	DFT_QPSK	5.63	13	PASS
n66	15	5	355500	25@0	DFT_QAM16	6.21	13	PASS
n66	15	5	355500	25@0	DFT_QAM64	6.67	13	PASS
n66	15	5	355500	25@0	DFT_QAM256	7.32	13	PASS
n66	15	10	343000	50@0	DFT_BPSK	5.48	13	PASS
n66	15	10	343000	50@0	DFT_QPSK	5.83	13	PASS
n66	15	10	343000	50@0	DFT_QAM16	6.48	13	PASS
n66	15	10	343000	50@0	DFT_QAM64	6.76	13	PASS
n66	15	10	343000	50@0	DFT_QAM256	7.12	13	PASS
n66	15	10	349000	50@0	DFT_BPSK	4.97	13	PASS
n66	15	10	349000	50@0	DFT_QPSK	5.70	13	PASS
n66	15	10	349000	50@0	DFT_QAM16	6.43	13	PASS
n66	15	10	349000	50@0	DFT_QAM64	6.62	13	PASS
n66	15	10	349000	50@0	DFT_QAM256	7.09	13	PASS
n66	15	10	355000	50@0	DFT_BPSK	4.50	13	PASS
n66	15	10	355000	50@0	DFT_QPSK	5.58	13	PASS
n66	15	10	355000	50@0	DFT_QAM16	6.37	13	PASS
n66	15	10	355000	50@0	DFT_QAM64	6.58	13	PASS
n66	15	10	355000	50@0	DFT_QAM256	6.85	13	PASS
n66	15	15	343500	75@0	DFT_BPSK	4.75	13	PASS
n66	15	15	343500	75@0	DFT_QPSK	5.88	13	PASS
n66	15	15	343500	75@0	DFT_QAM16	6.79	13	PASS
n66	15	15	343500	75@0	DFT_QAM64	6.88	13	PASS
n66	15	15	343500	75@0	DFT_QAM256	7.05	13	PASS
n66	15	15	349000	75@0	DFT_BPSK	5.05	13	PASS
n66	15	15	349000	75@0	DFT_QPSK	5.71	13	PASS
n66	15	15	349000	75@0	DFT_QAM16	6.52	13	PASS
n66	15	15	349000	75@0	DFT_QAM64	6.81	13	PASS

n66	15	15	349000	75@0	DFT_QAM256	6.95	13	PASS
n66	15	15	354500	75@0	DFT_BPSK	4.52	13	PASS
n66	15	15	354500	75@0	DFT_QPSK	5.69	13	PASS
n66	15	15	354500	75@0	DFT_QAM16	6.53	13	PASS
n66	15	15	354500	75@0	DFT_QAM64	6.85	13	PASS
n66	15	15	354500	75@0	DFT_QAM256	7.03	13	PASS
n66	15	20	344000	100@0	DFT_BPSK	5.66	13	PASS
n66	15	20	344000	100@0	DFT_QPSK	6.17	13	PASS
n66	15	20	344000	100@0	DFT_QAM16	6.60	13	PASS
n66	15	20	344000	100@0	DFT_QAM64	6.83	13	PASS
n66	15	20	344000	100@0	DFT_QAM256	7.01	13	PASS
n66	15	20	349000	100@0	DFT_BPSK	4.63	13	PASS
n66	15	20	349000	100@0	DFT_QPSK	5.74	13	PASS
n66	15	20	349000	100@0	DFT_QAM16	6.58	13	PASS
n66	15	20	349000	100@0	DFT_QAM64	6.75	13	PASS
n66	15	20	349000	100@0	DFT_QAM256	7.05	13	PASS
n66	15	20	354000	100@0	DFT_BPSK	5.12	13	PASS
n66	15	20	354000	100@0	DFT_QPSK	5.71	13	PASS
n66	15	20	354000	100@0	DFT_QAM16	6.50	13	PASS
n66	15	20	354000	100@0	DFT_QAM64	6.75	13	PASS
n66	15	20	354000	100@0	DFT_QAM256	6.77	13	PASS
n66	15	40	346000	216@0	DFT_BPSK	4.78	13	PASS
n66	15	40	346000	216@0	DFT_QPSK	5.82	13	PASS
n66	15	40	346000	216@0	DFT_QAM16	6.58	13	PASS
n66	15	40	346000	216@0	DFT_QAM64	6.78	13	PASS
n66	15	40	346000	216@0	DFT_QAM256	7.13	13	PASS
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n66	15	40	349000	216@0	DFT_QAM16	6.54	13	PASS
n66	15	40	349000	216@0	DFT_QAM64	6.69	13	PASS
n66	15	40	349000	216@0	DFT_QAM256	6.98	13	PASS
n66	15	40	352000	216@0	DFT_BPSK	4.60	13	PASS
n66	15	40	352000	216@0	DFT_QPSK	5.76	13	PASS
n66	15	40	352000	216@0	DFT_QAM16	6.55	13	PASS
n66	15	40	352000	216@0	DFT_QAM64	6.83	13	PASS
n66	15	40	352000	216@0	DFT_QAM256	7.01	13	PASS

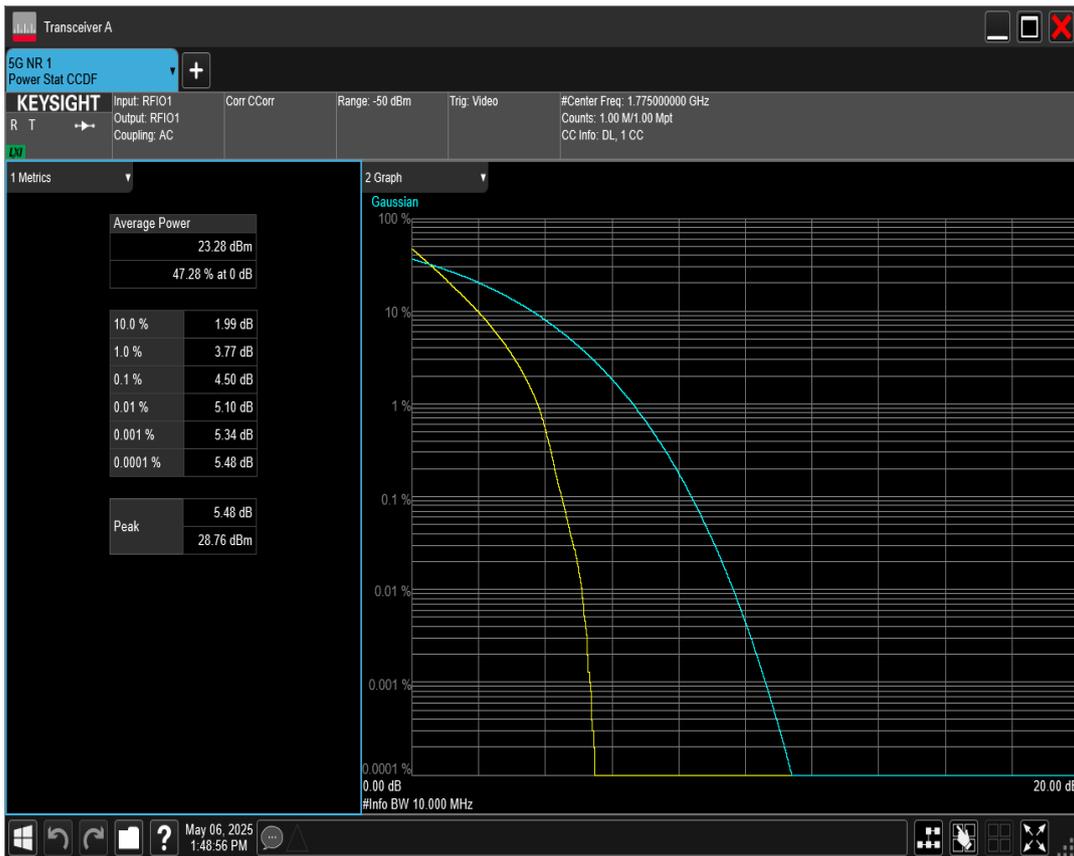
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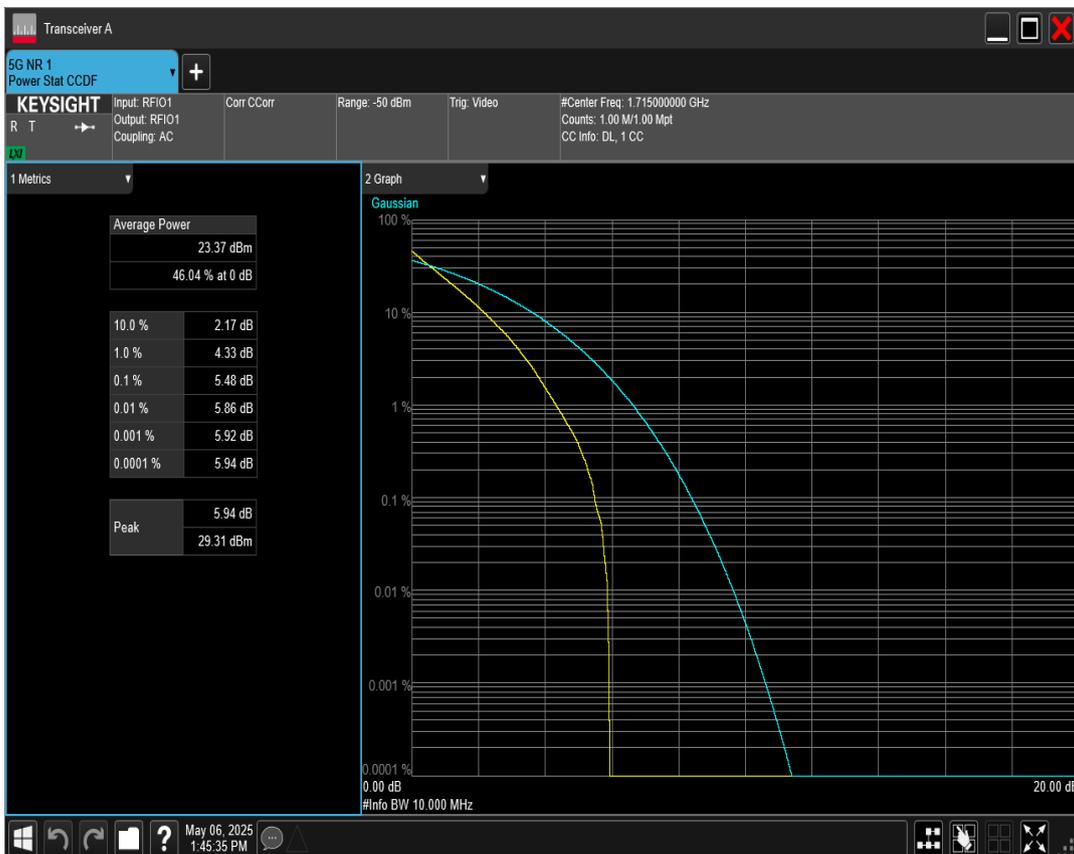
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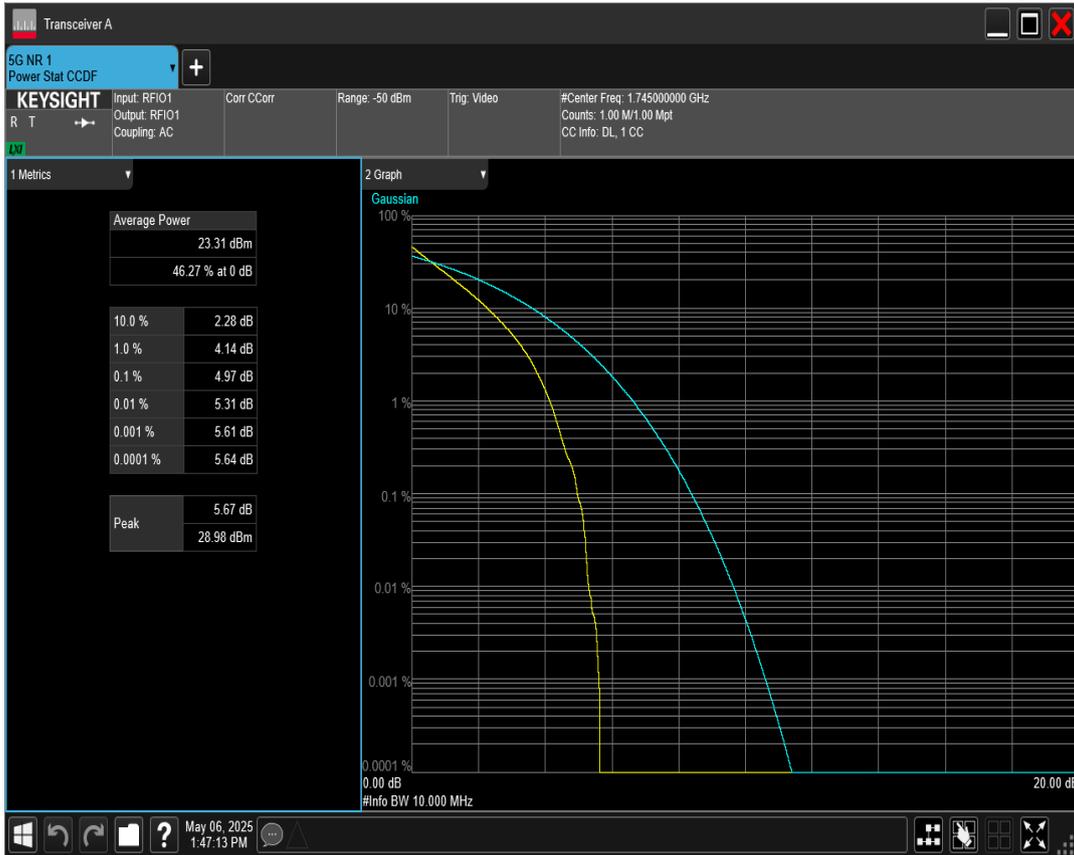
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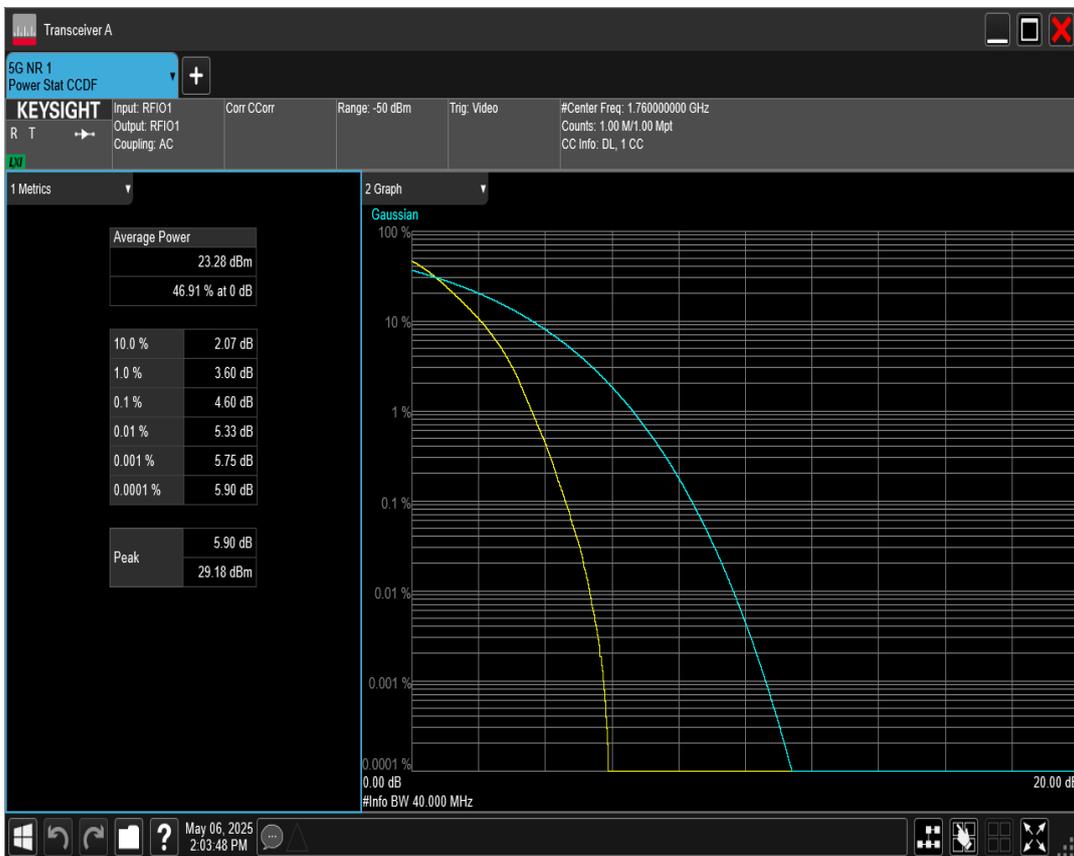
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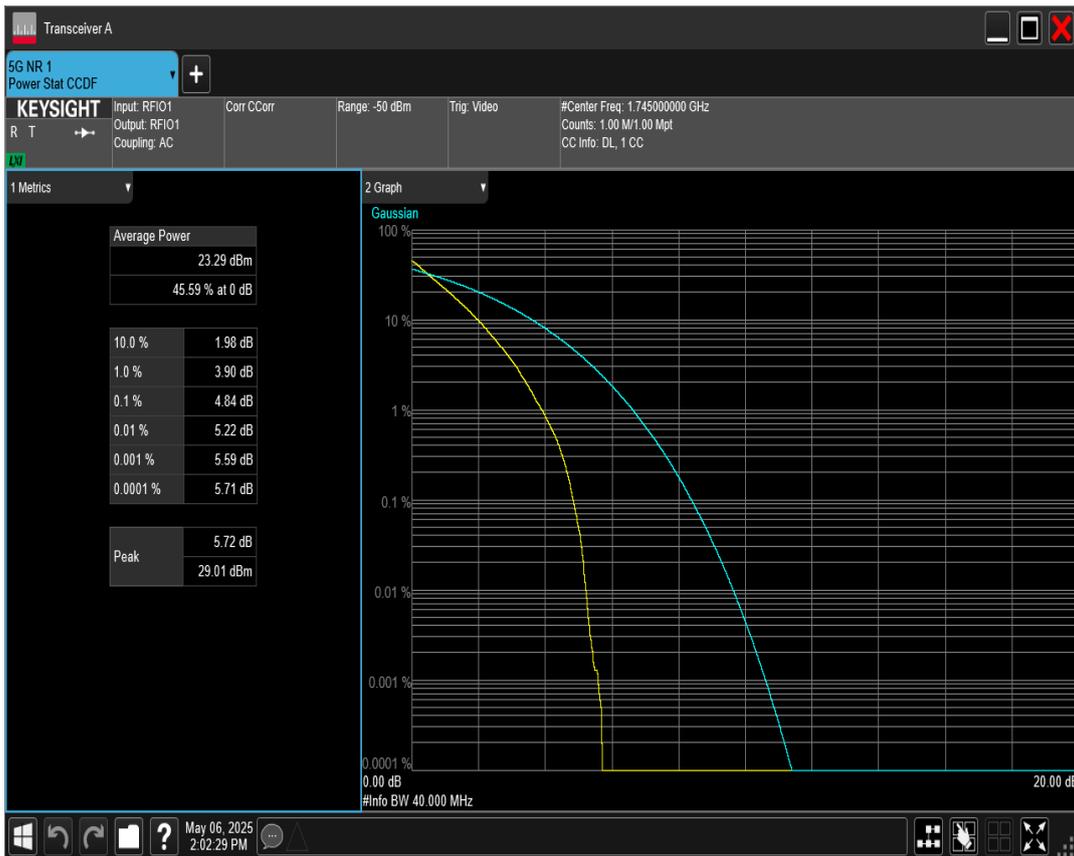
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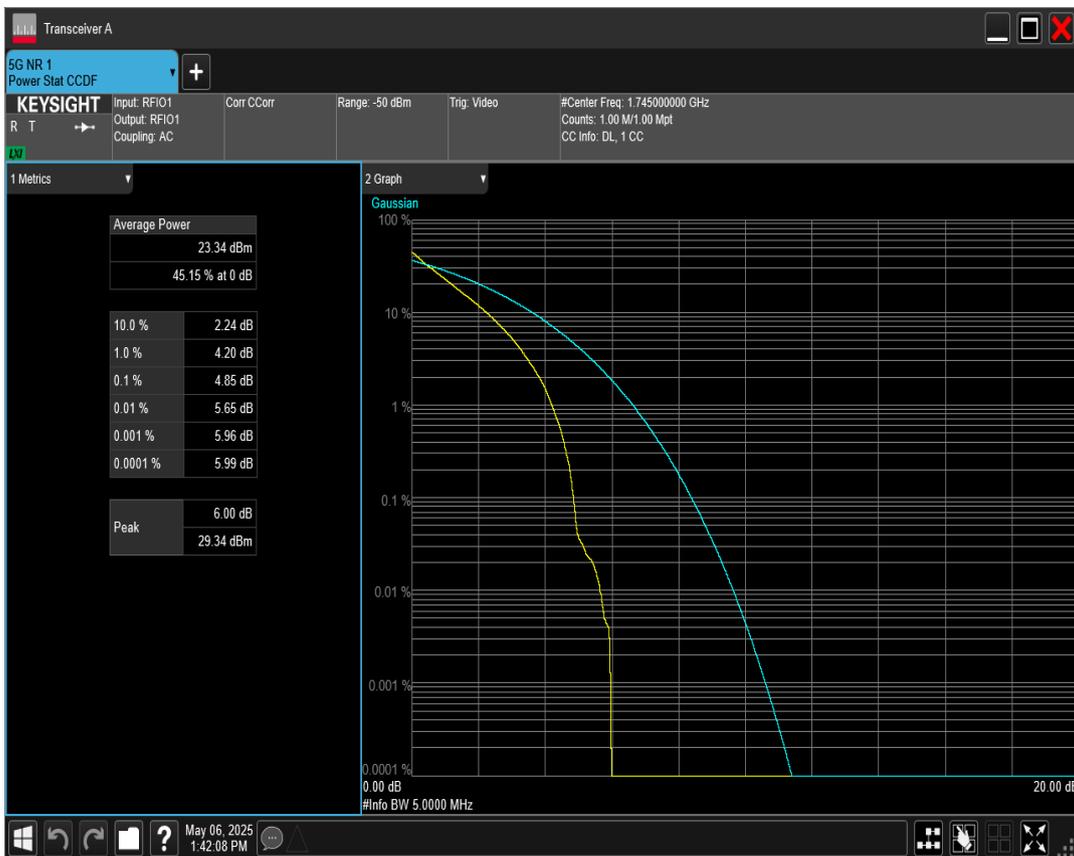
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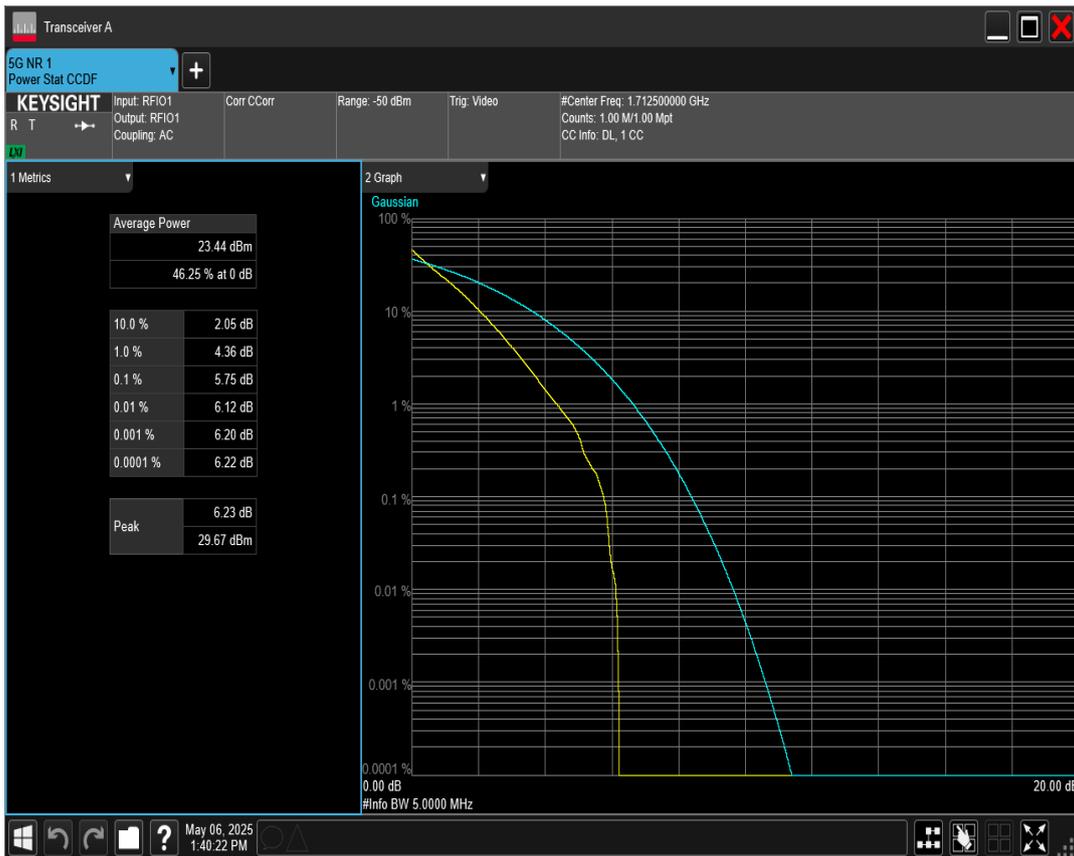
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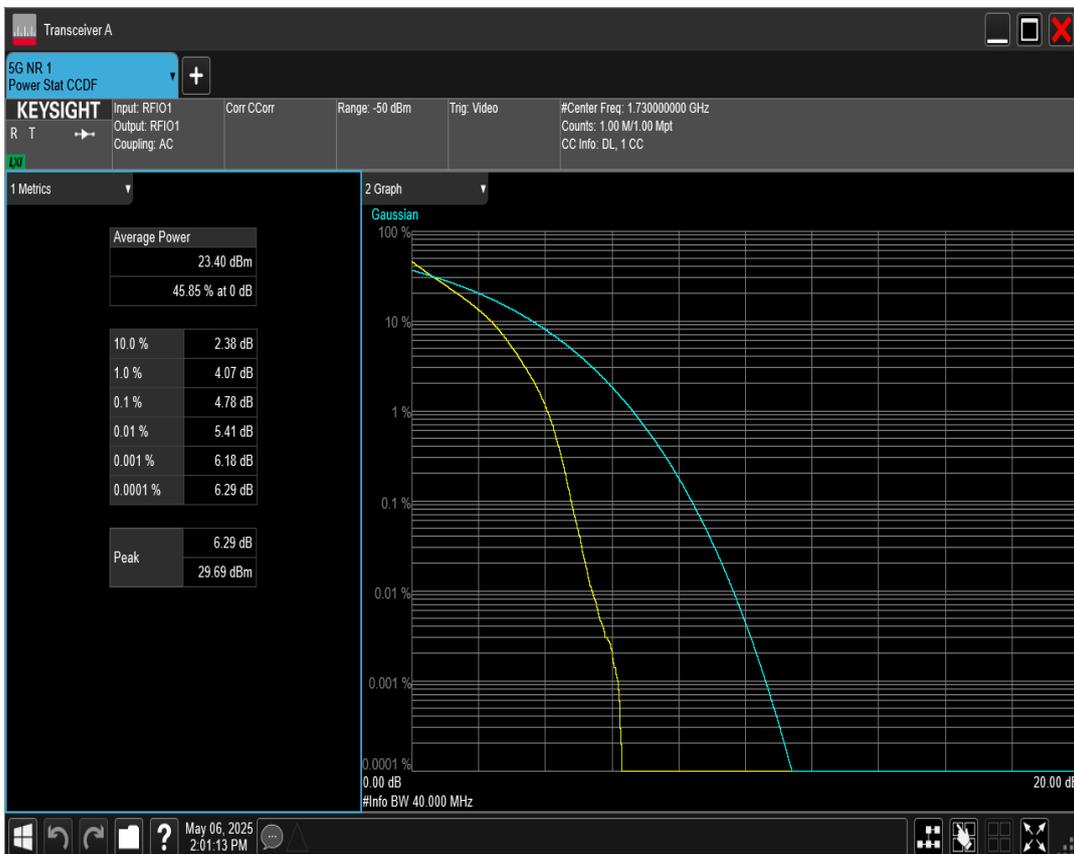
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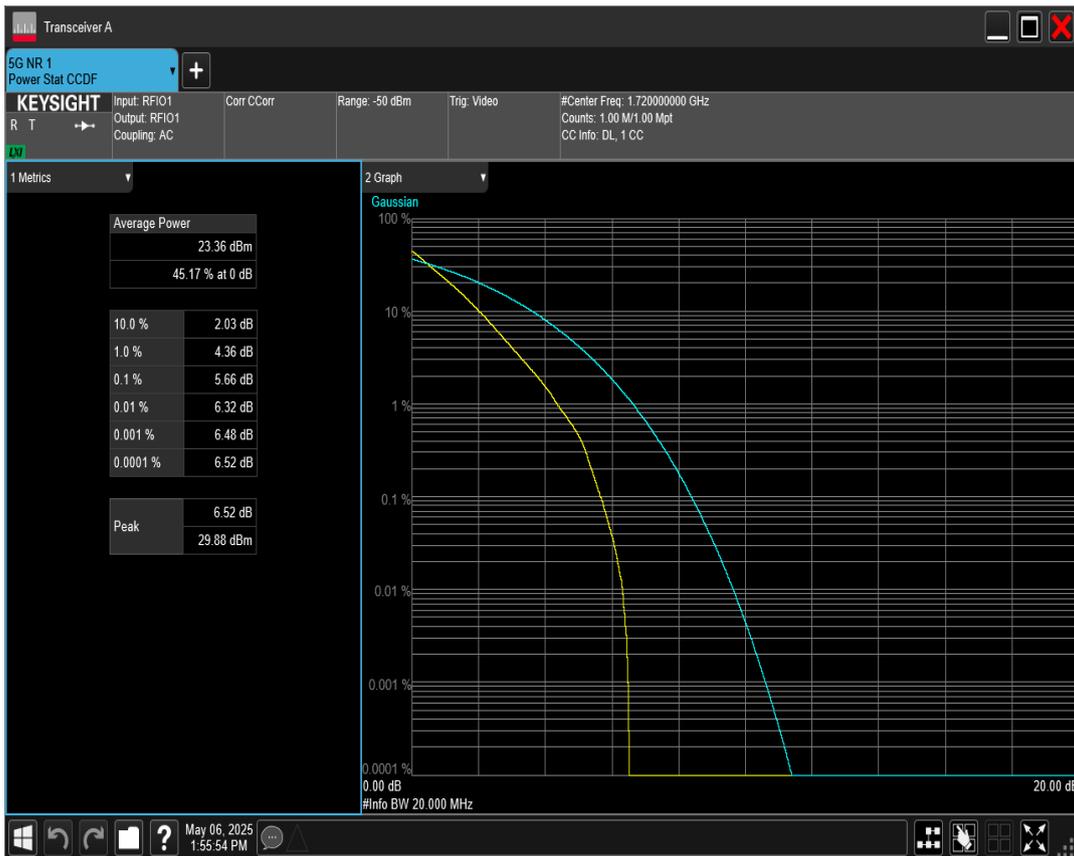
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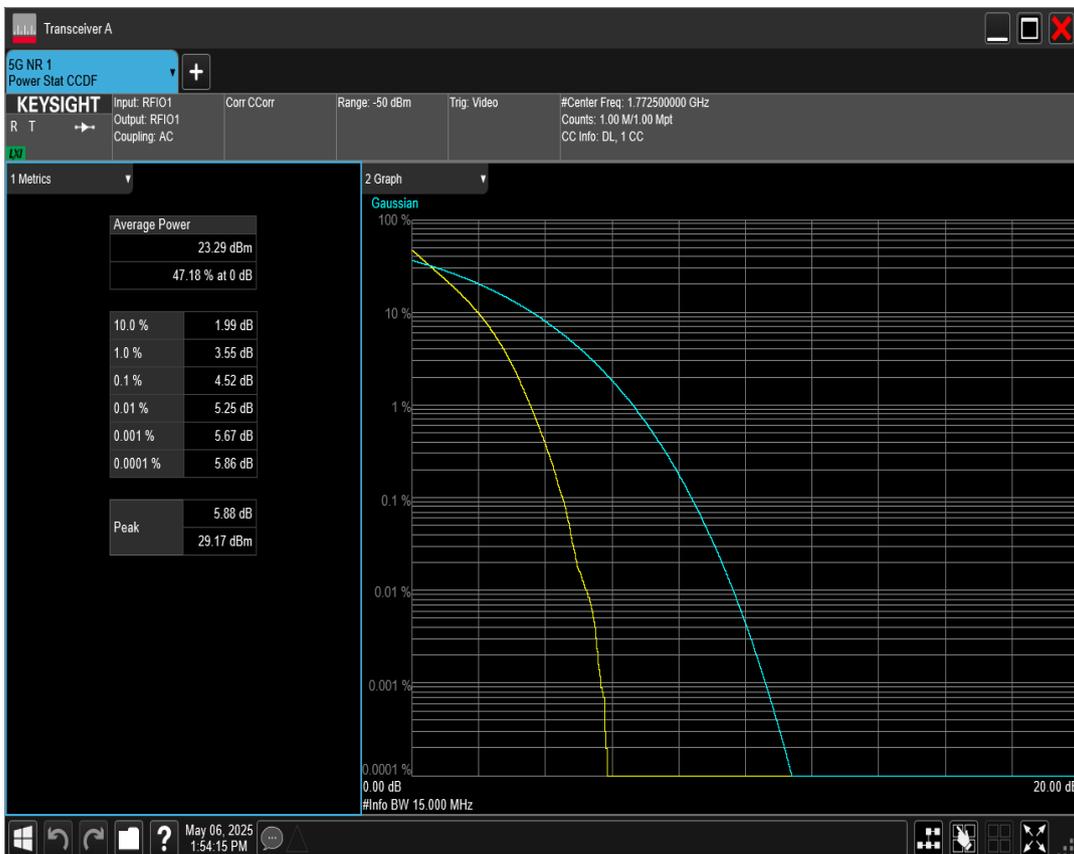
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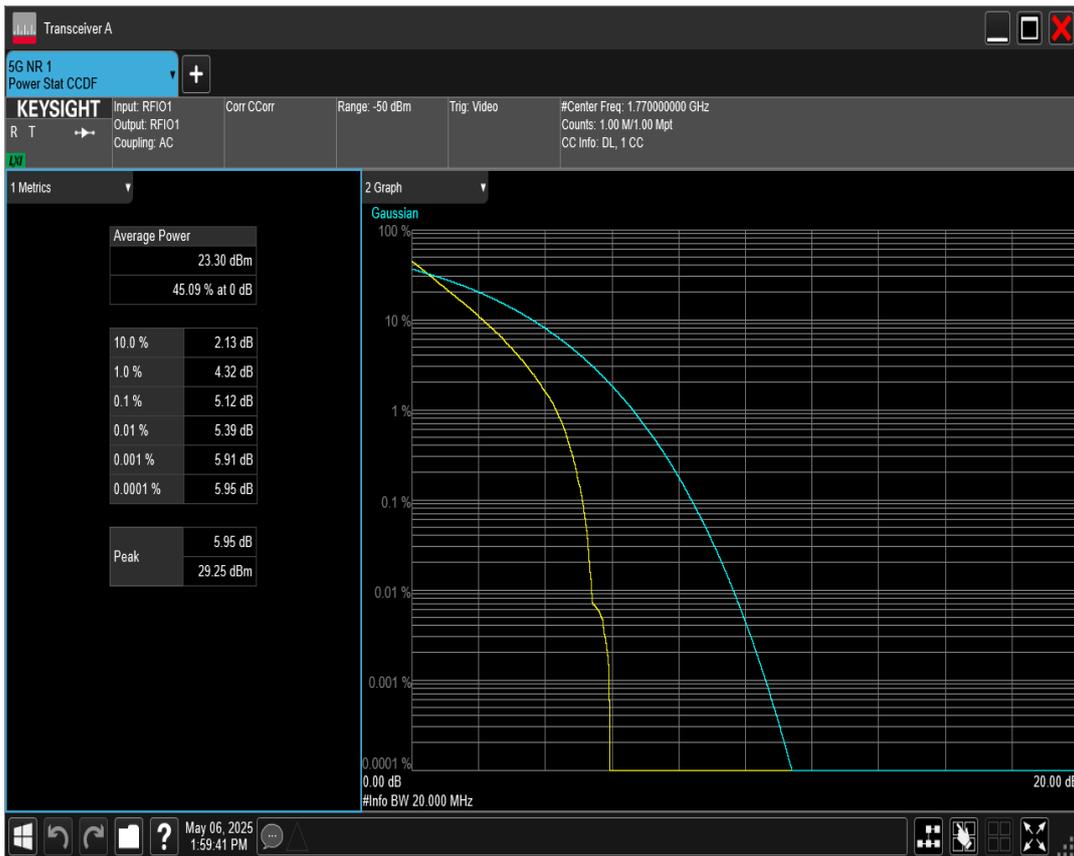
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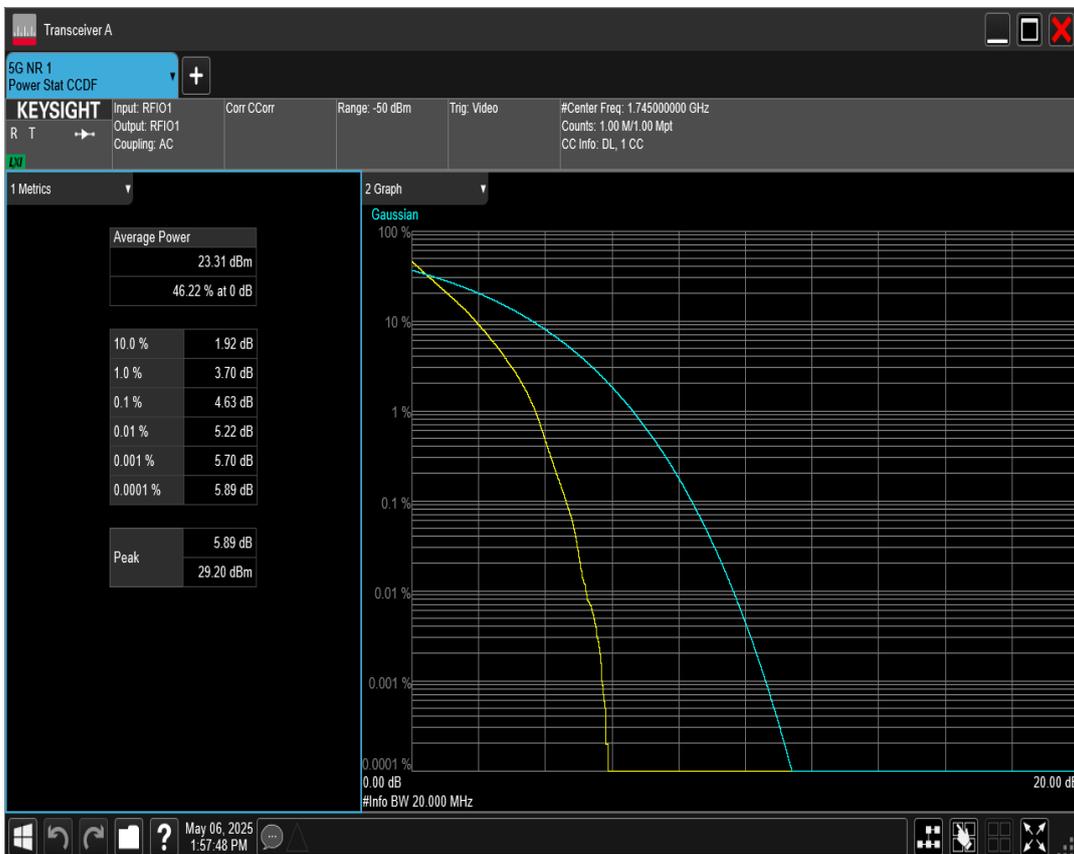
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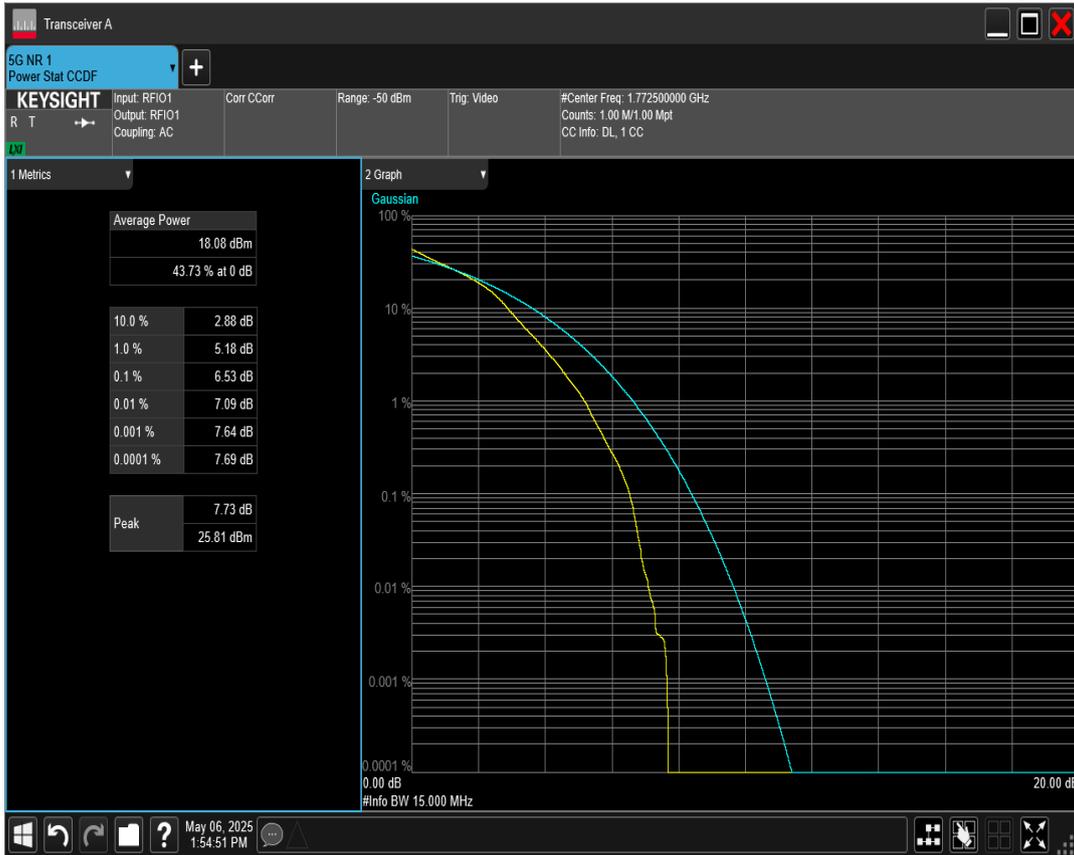
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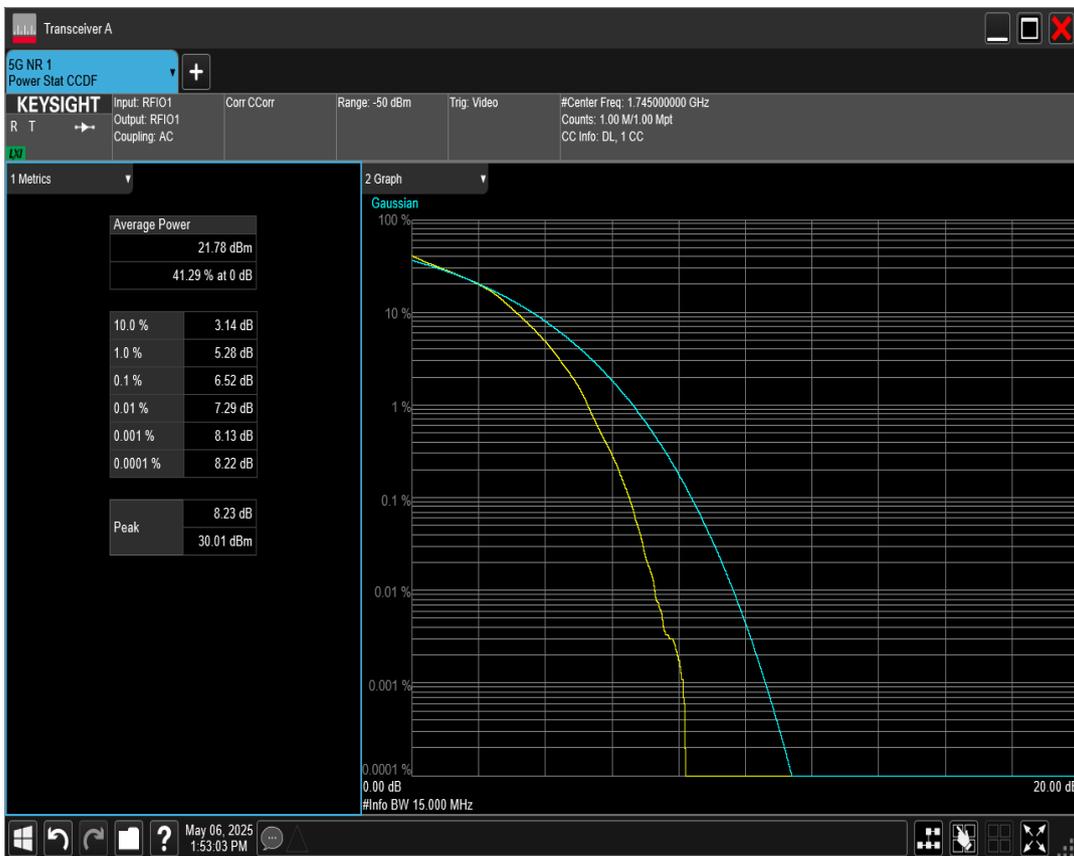
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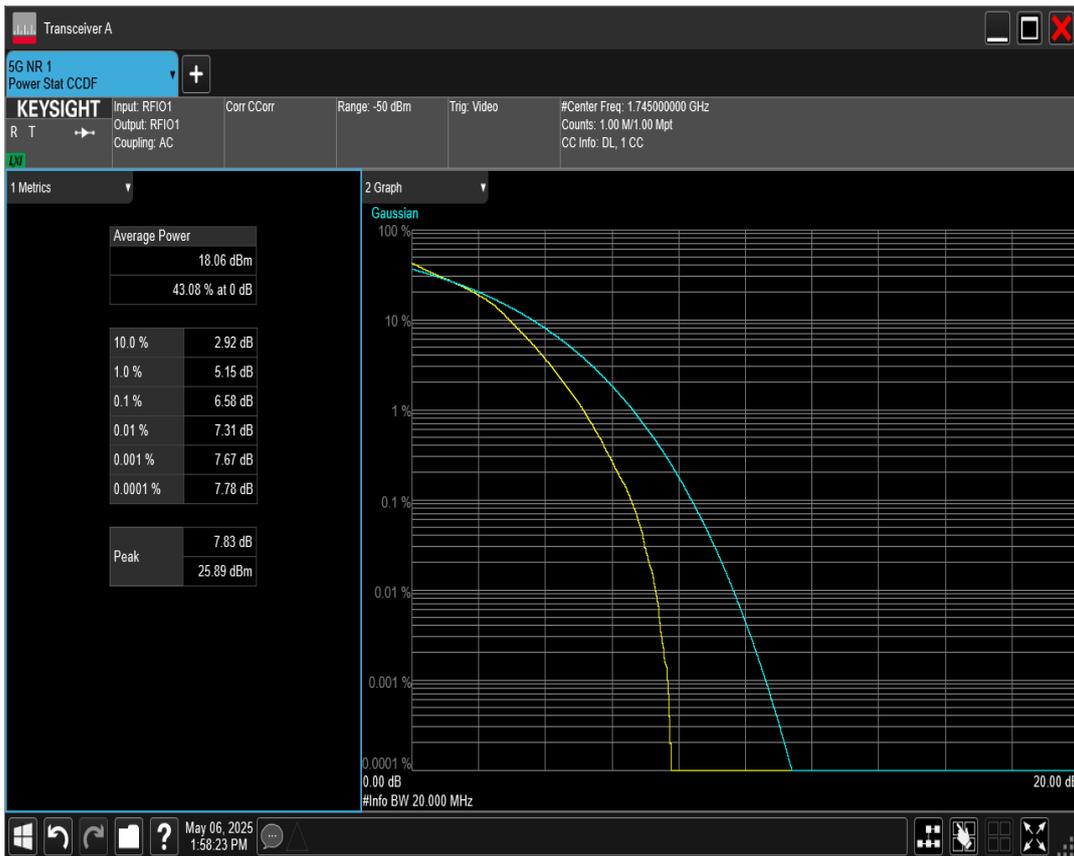
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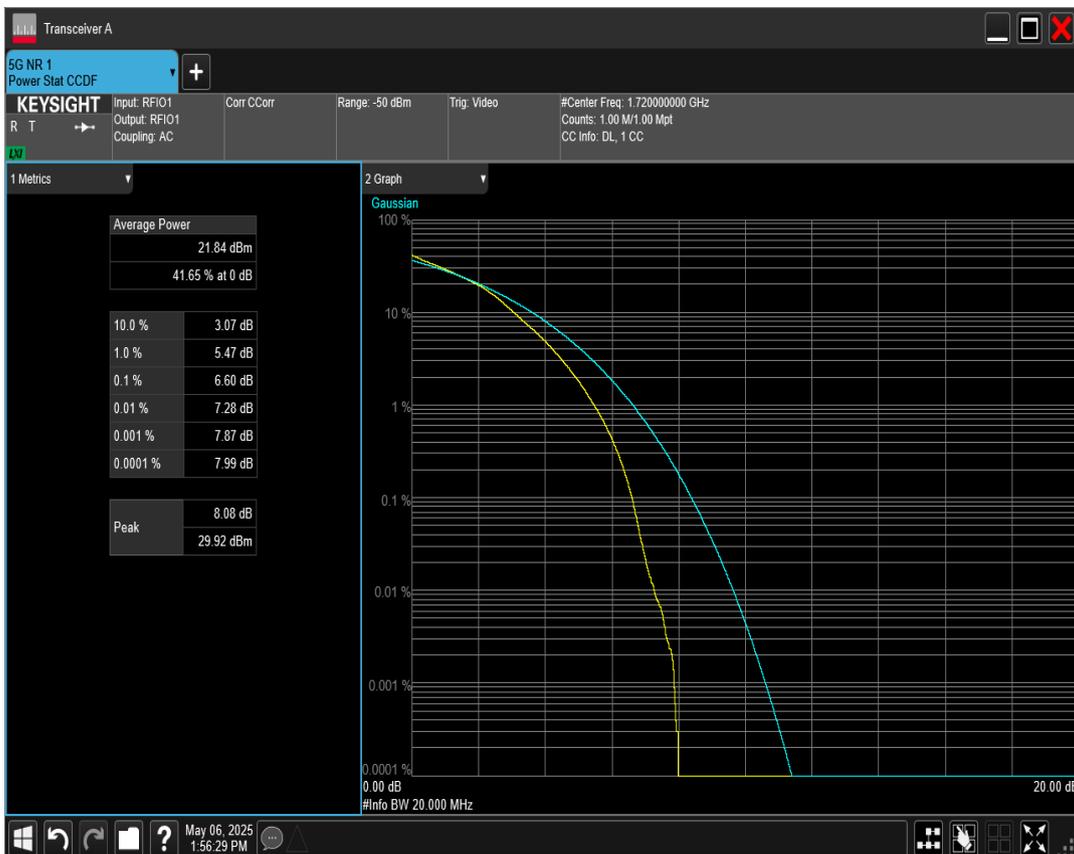
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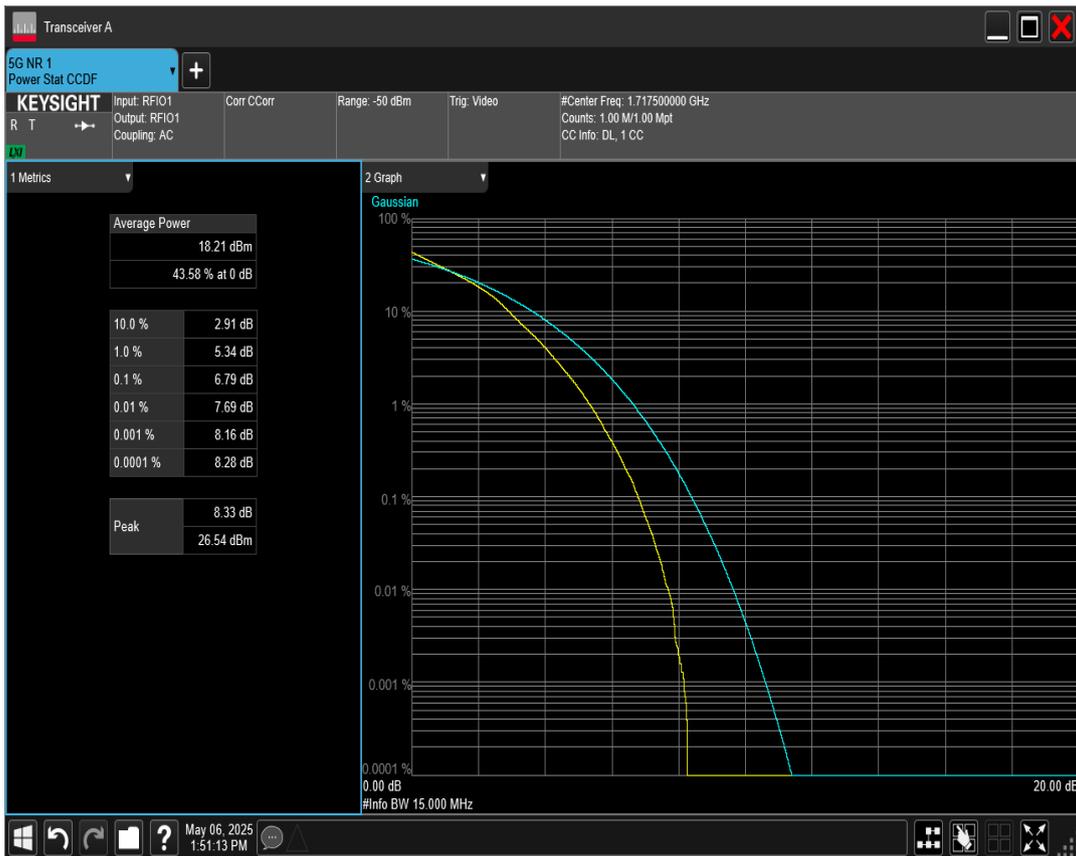
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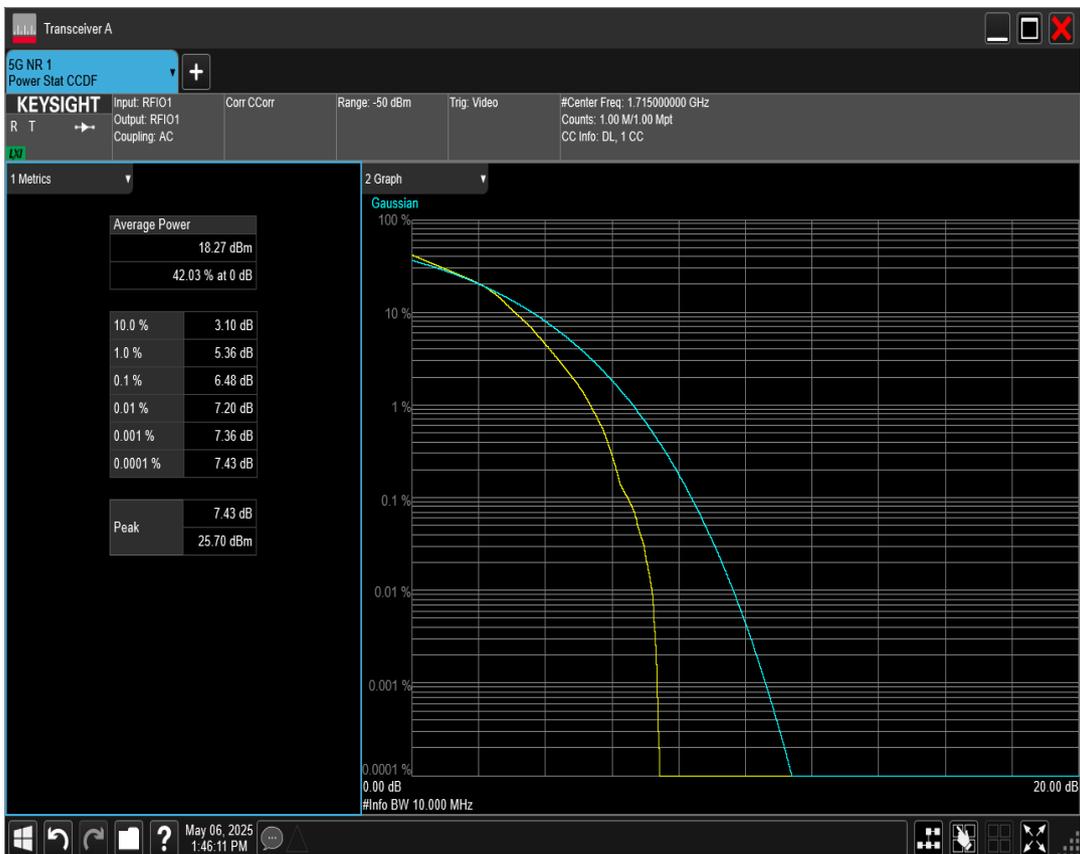
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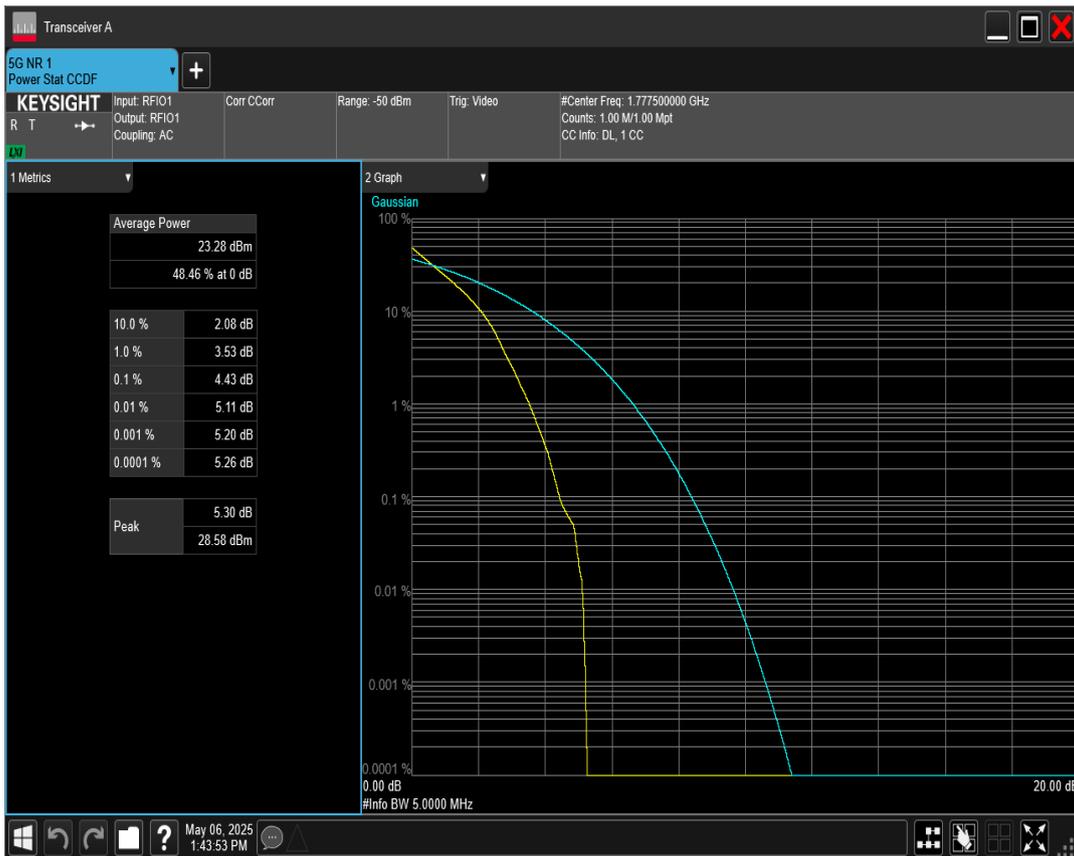
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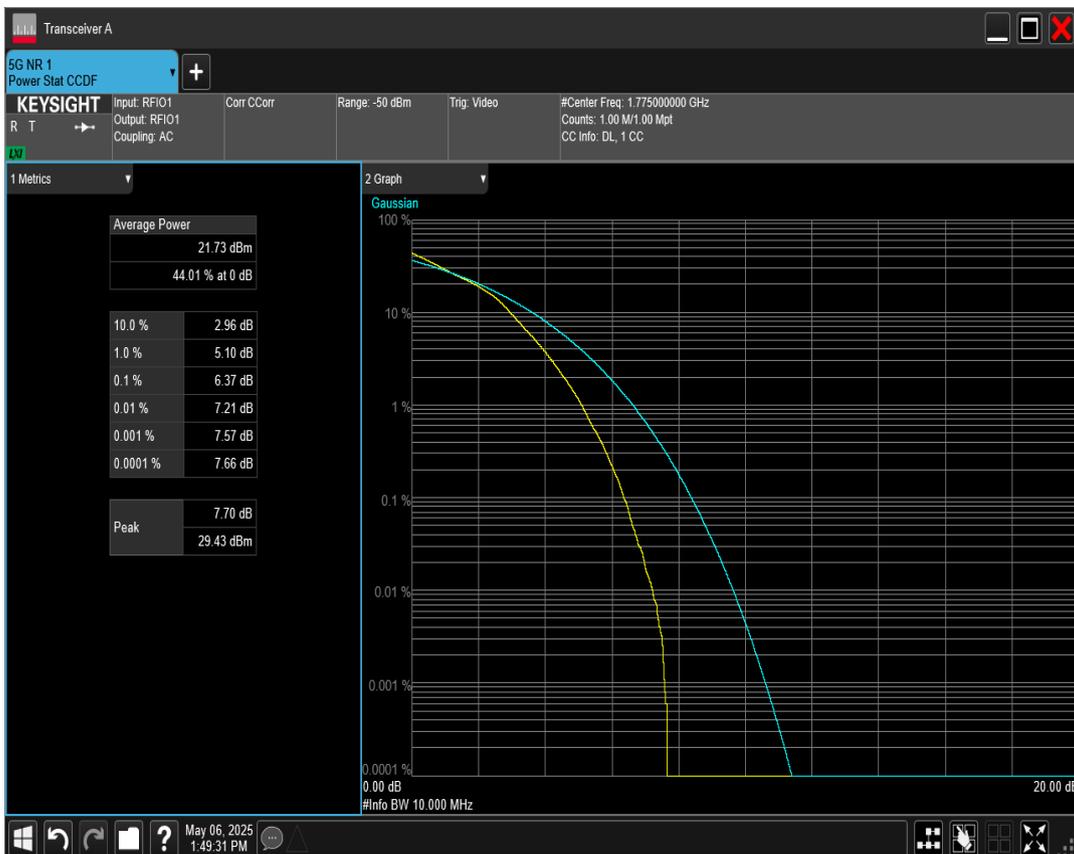
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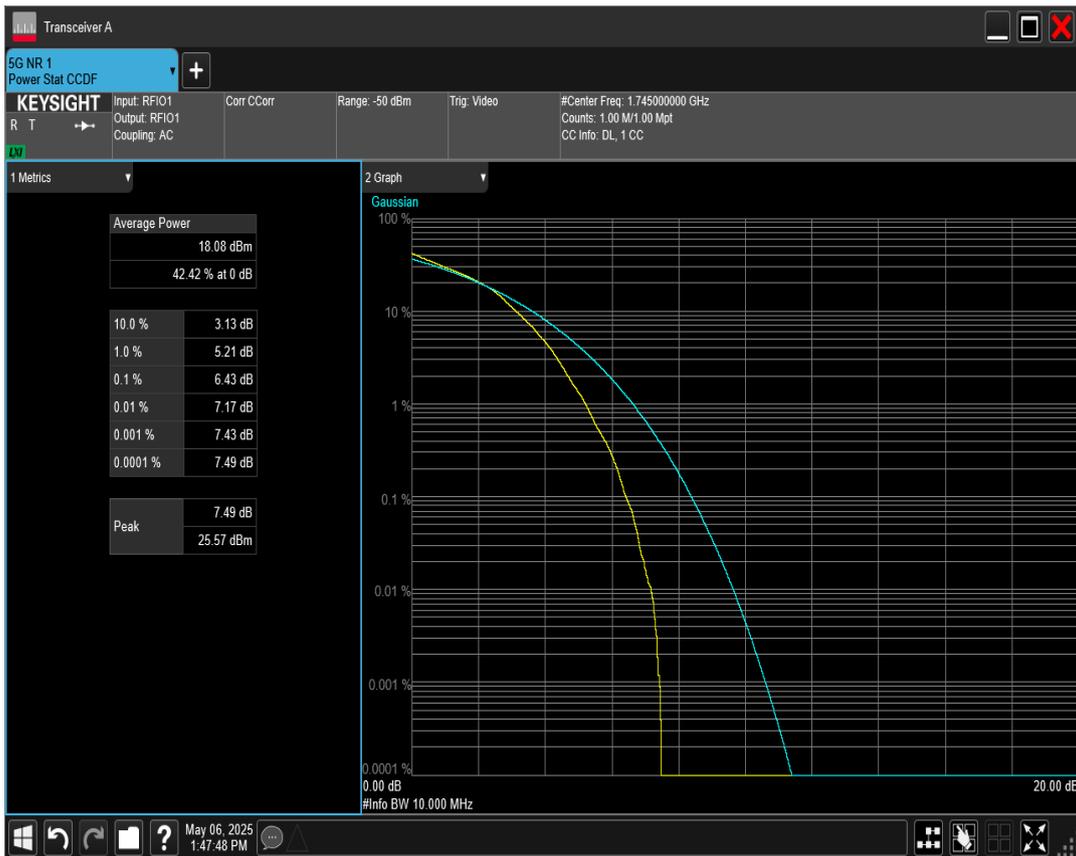
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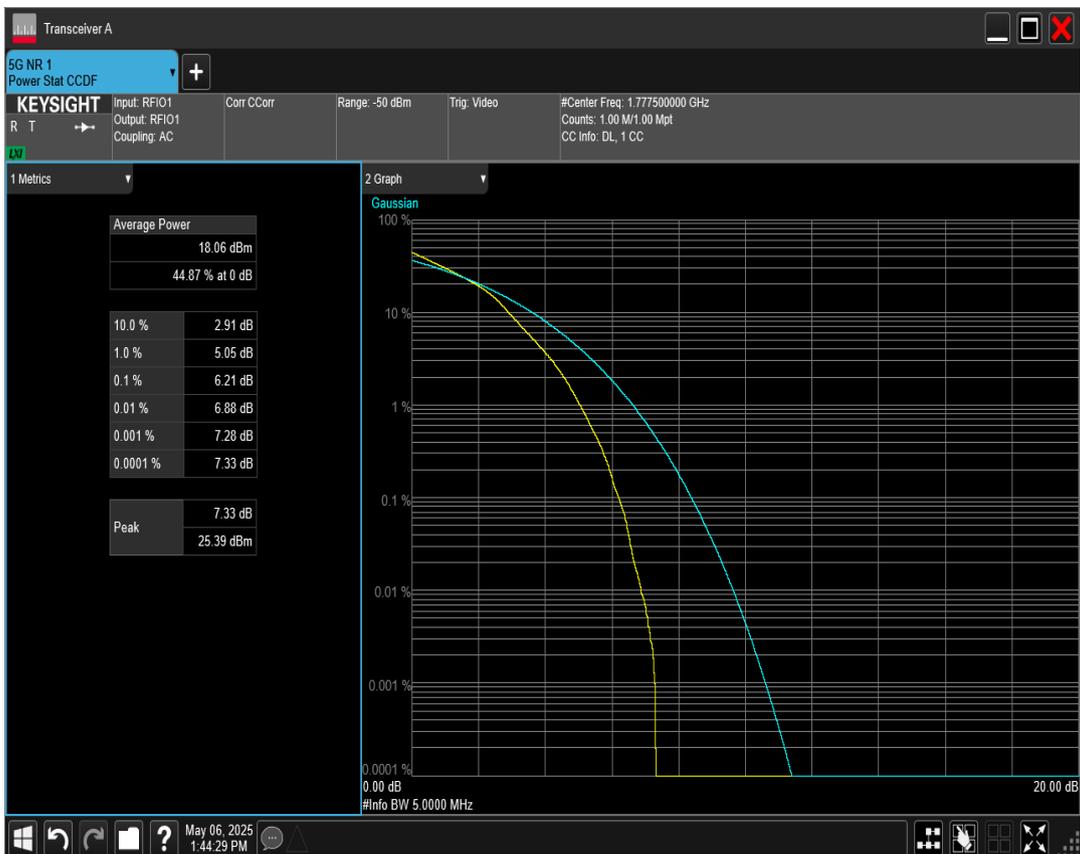
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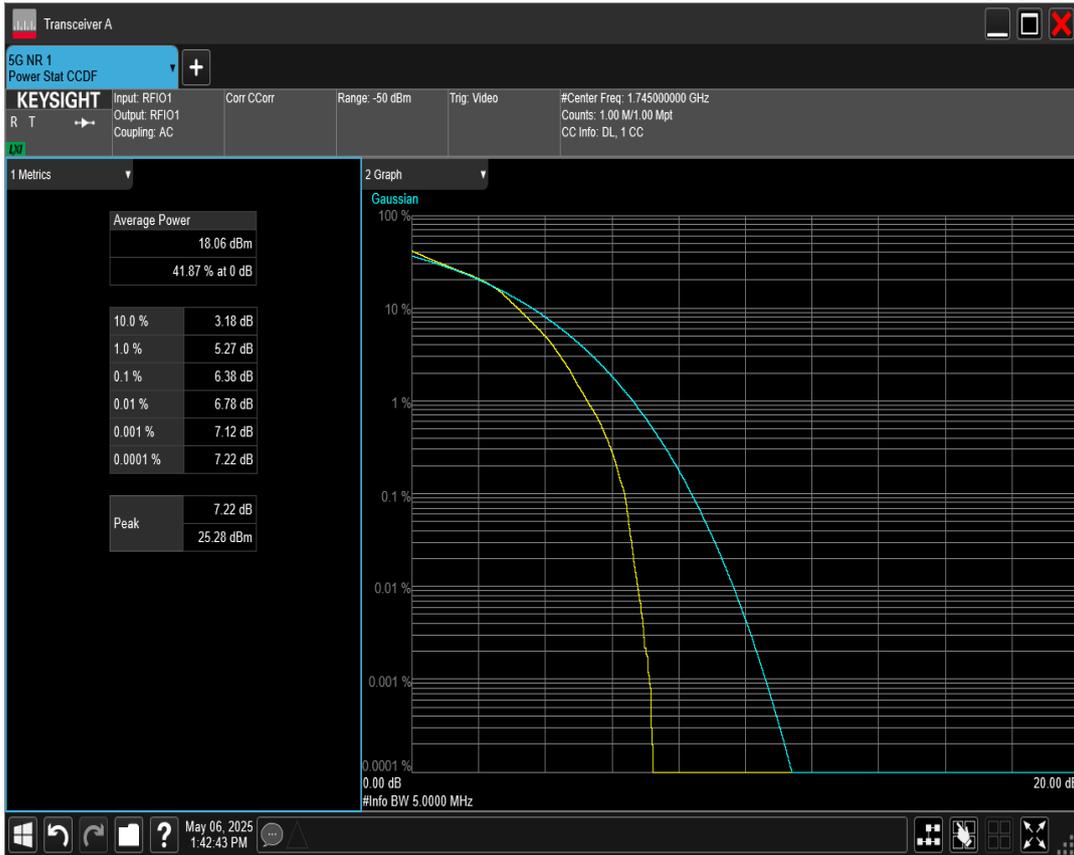
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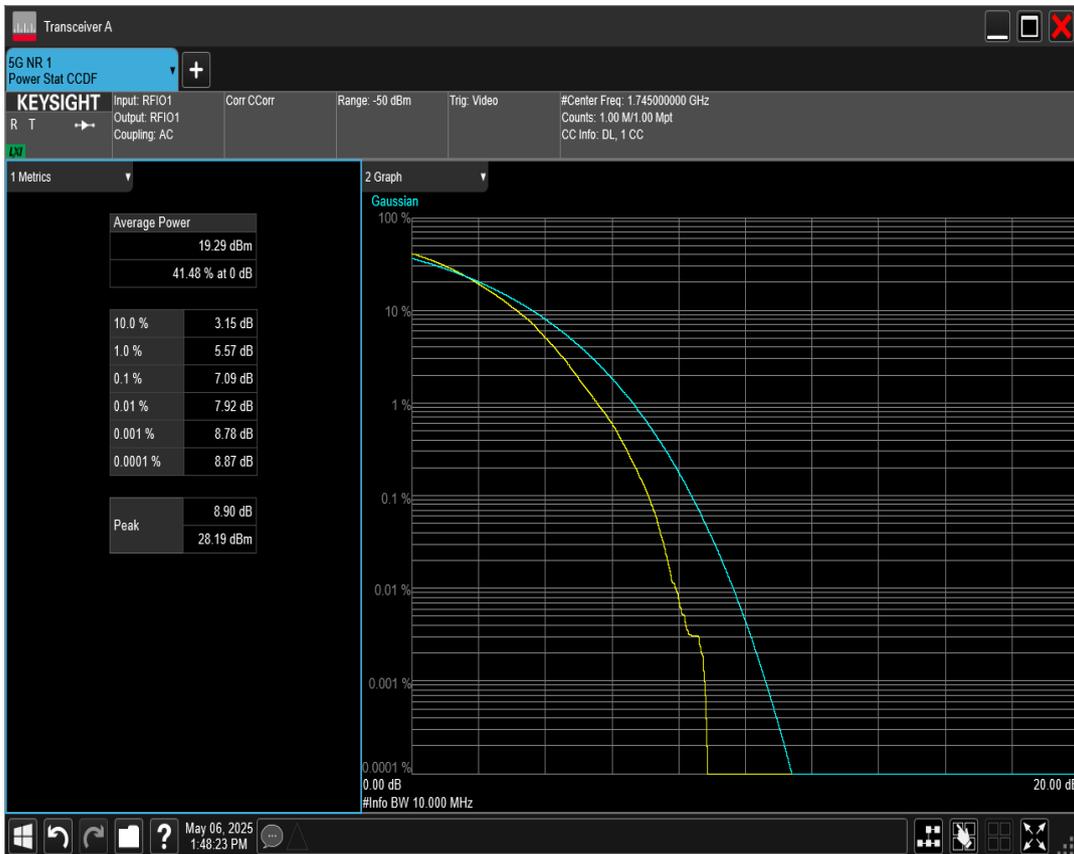
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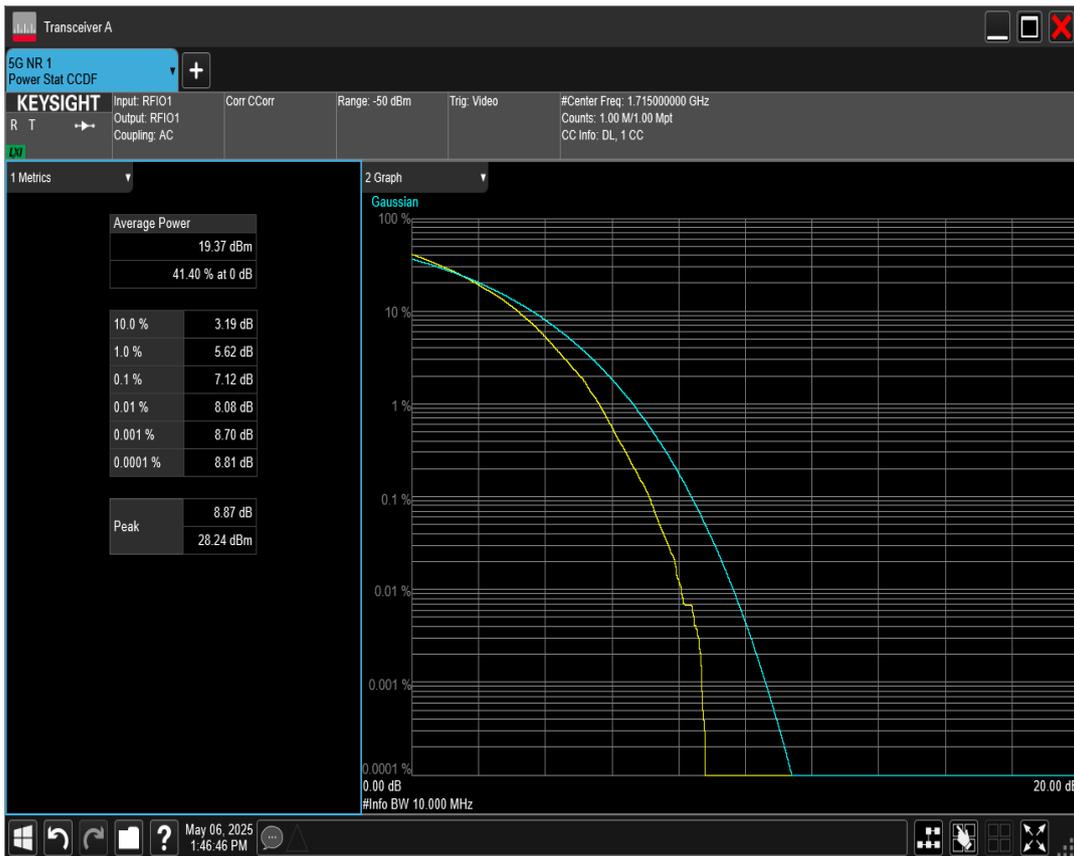
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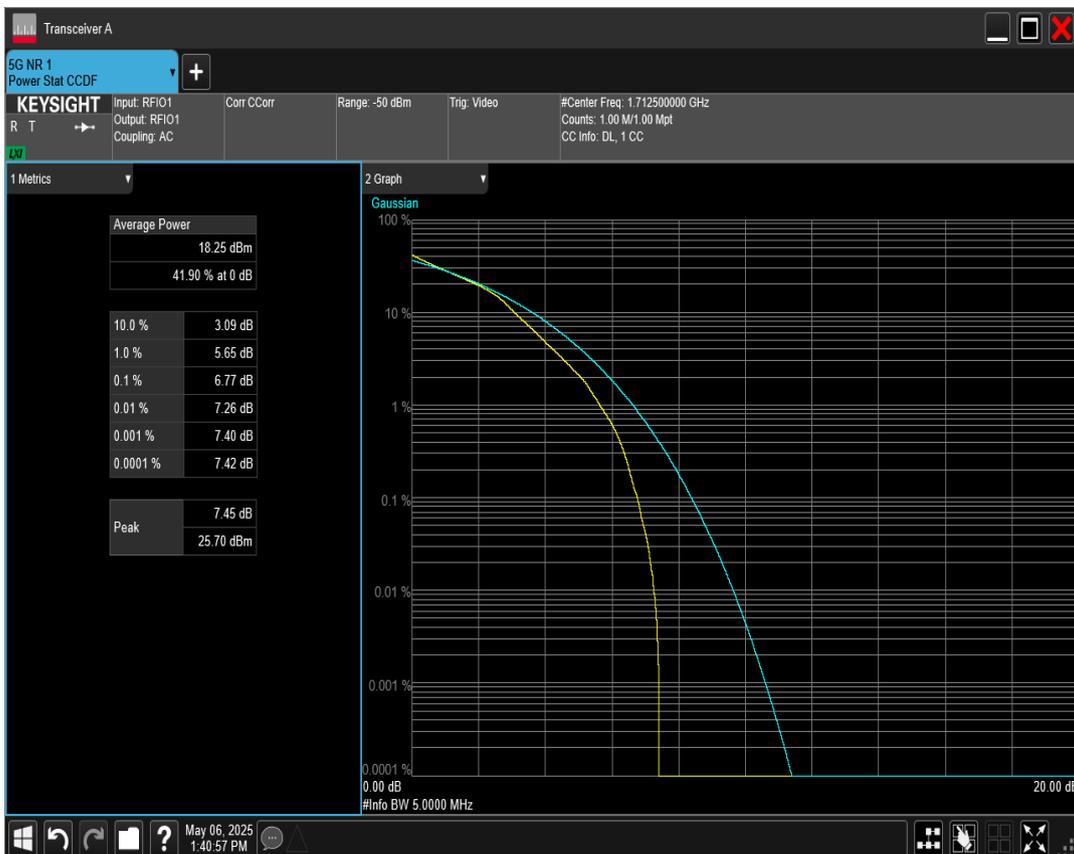
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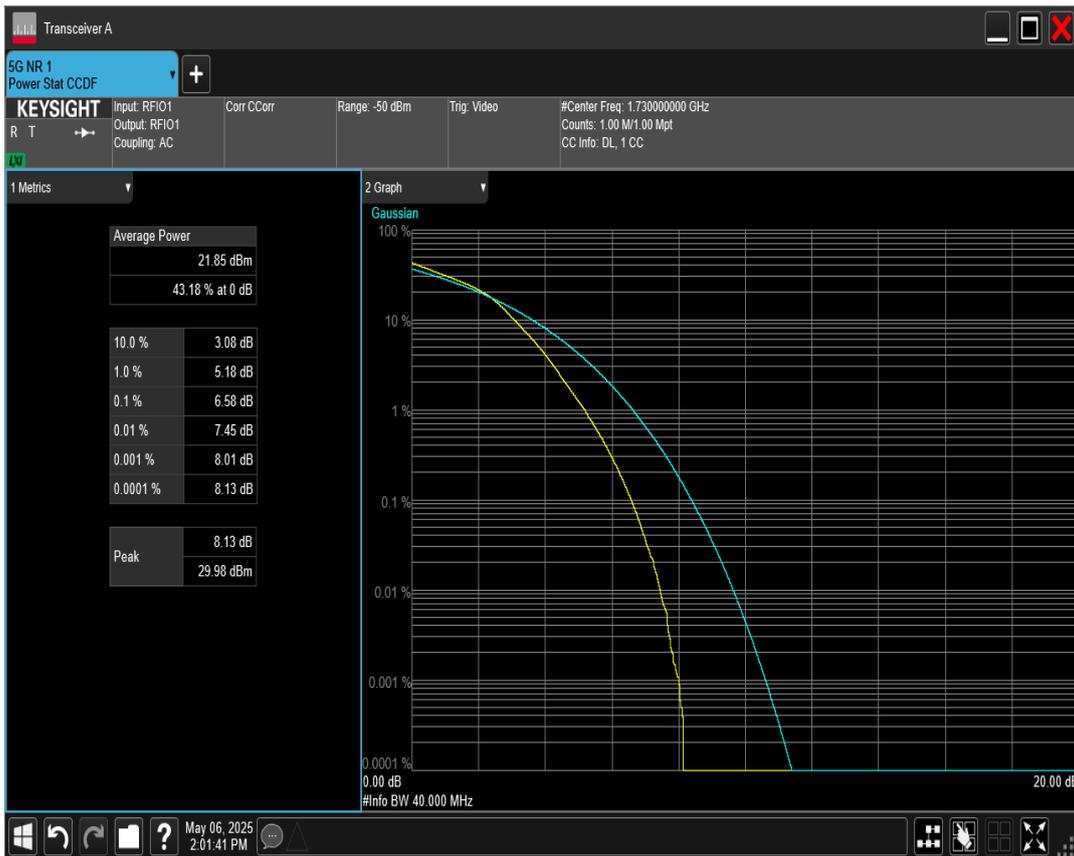
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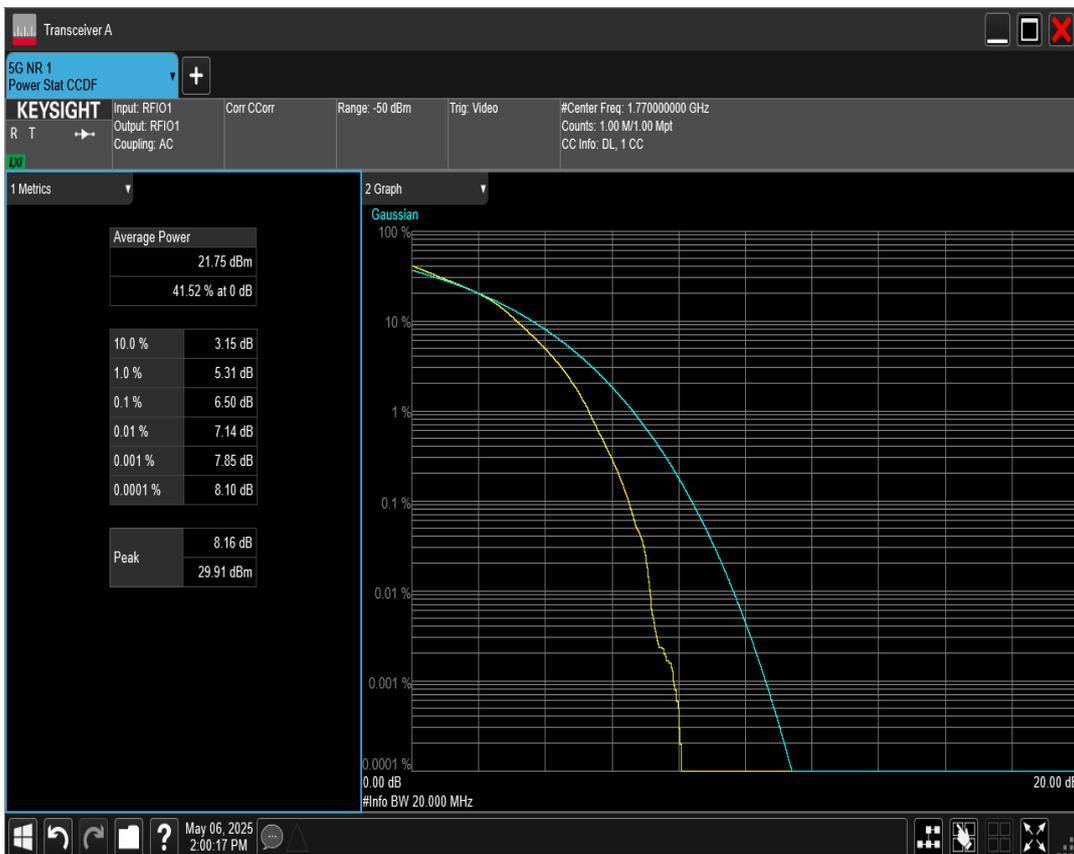
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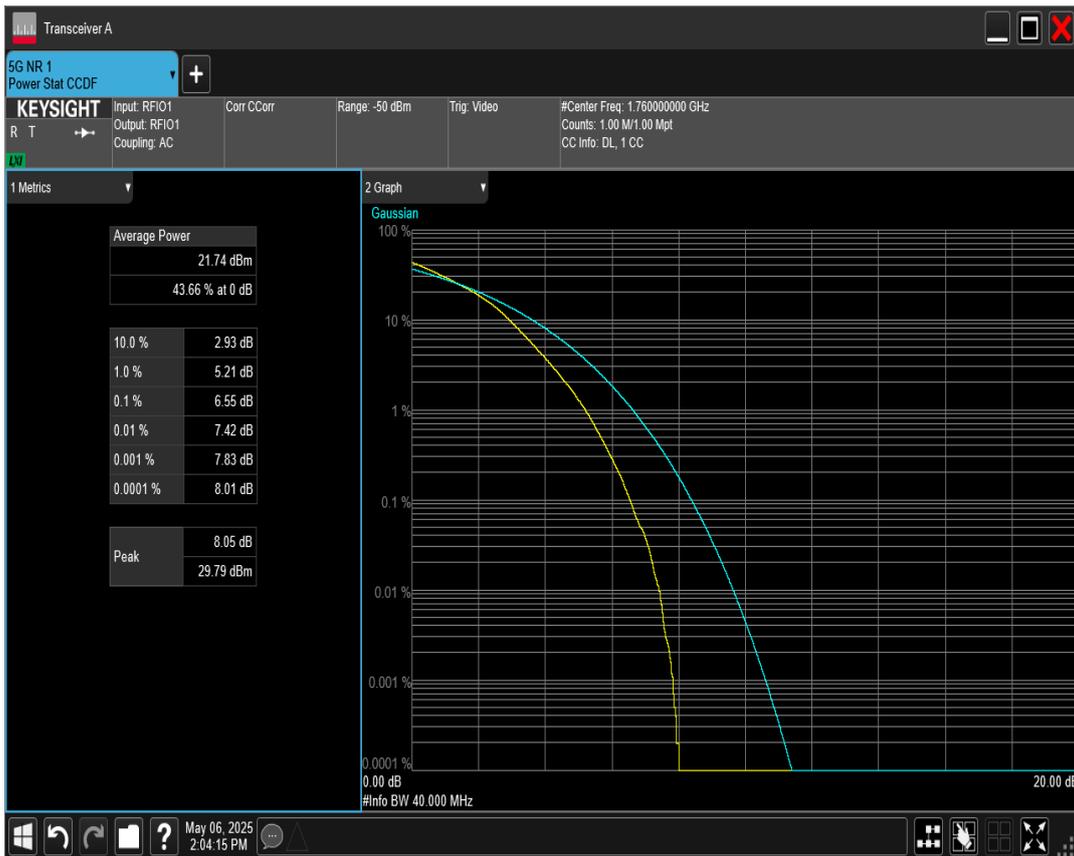
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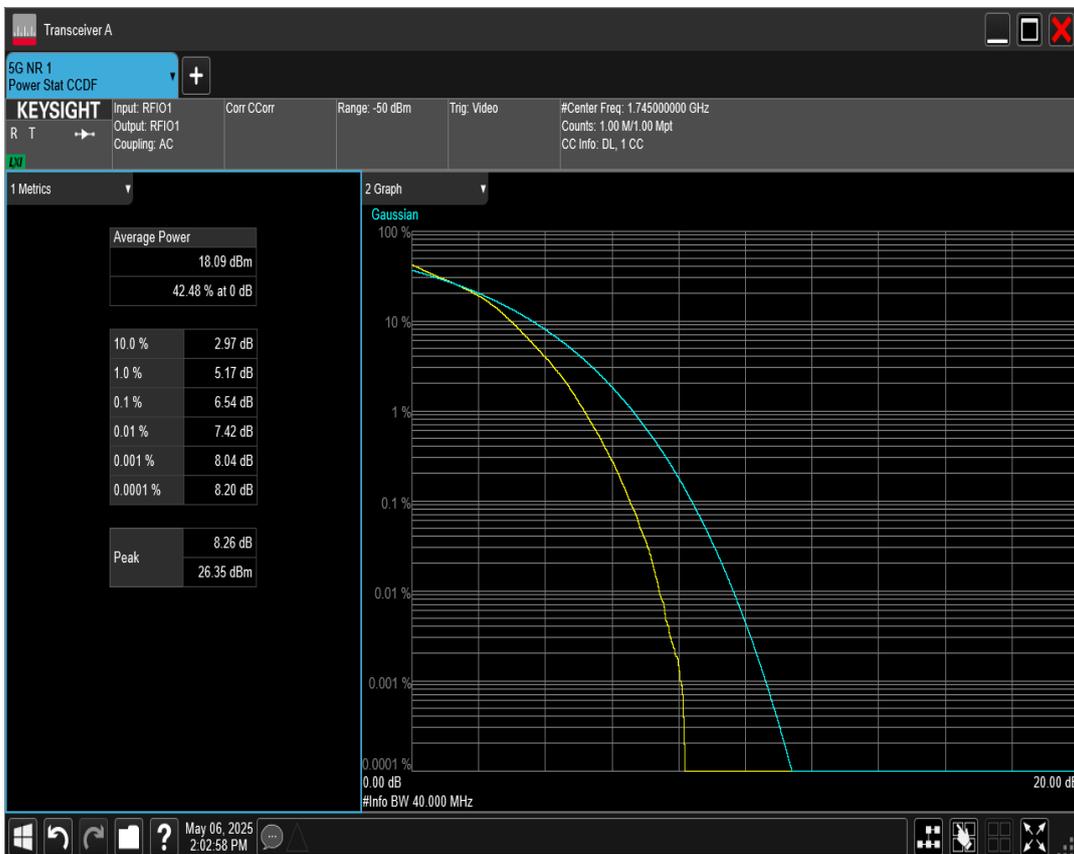
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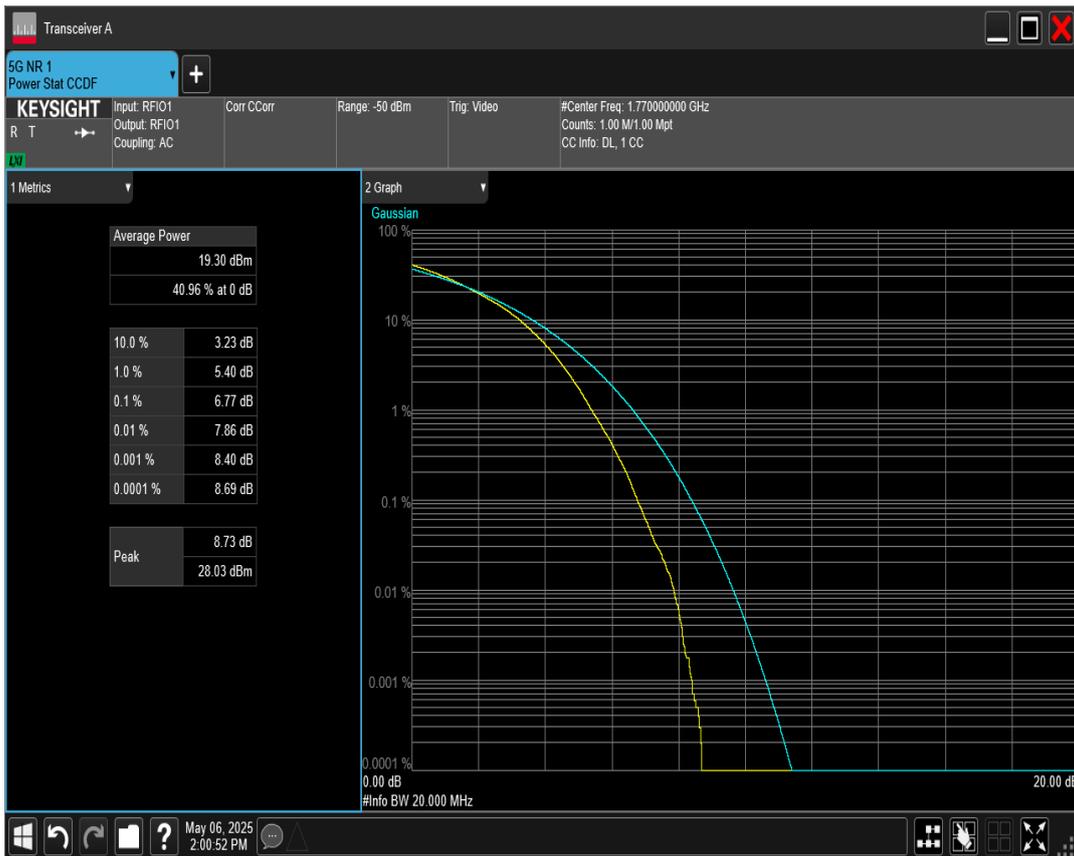
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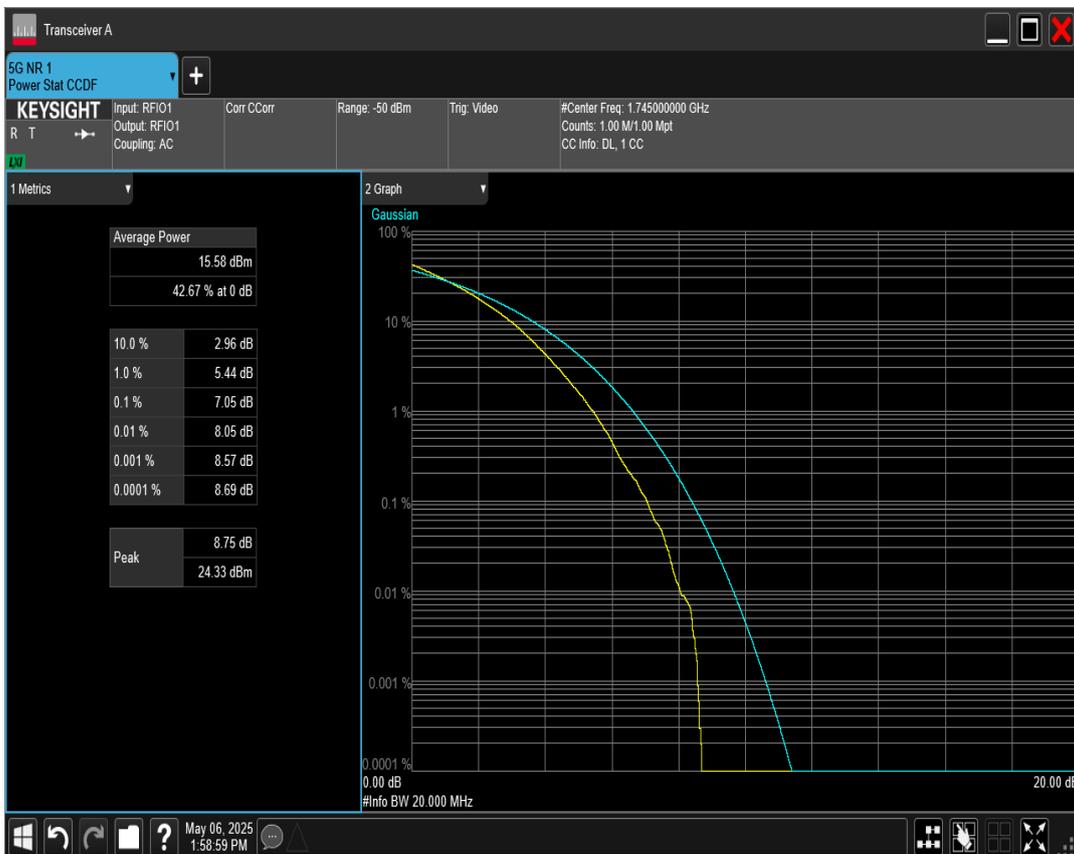
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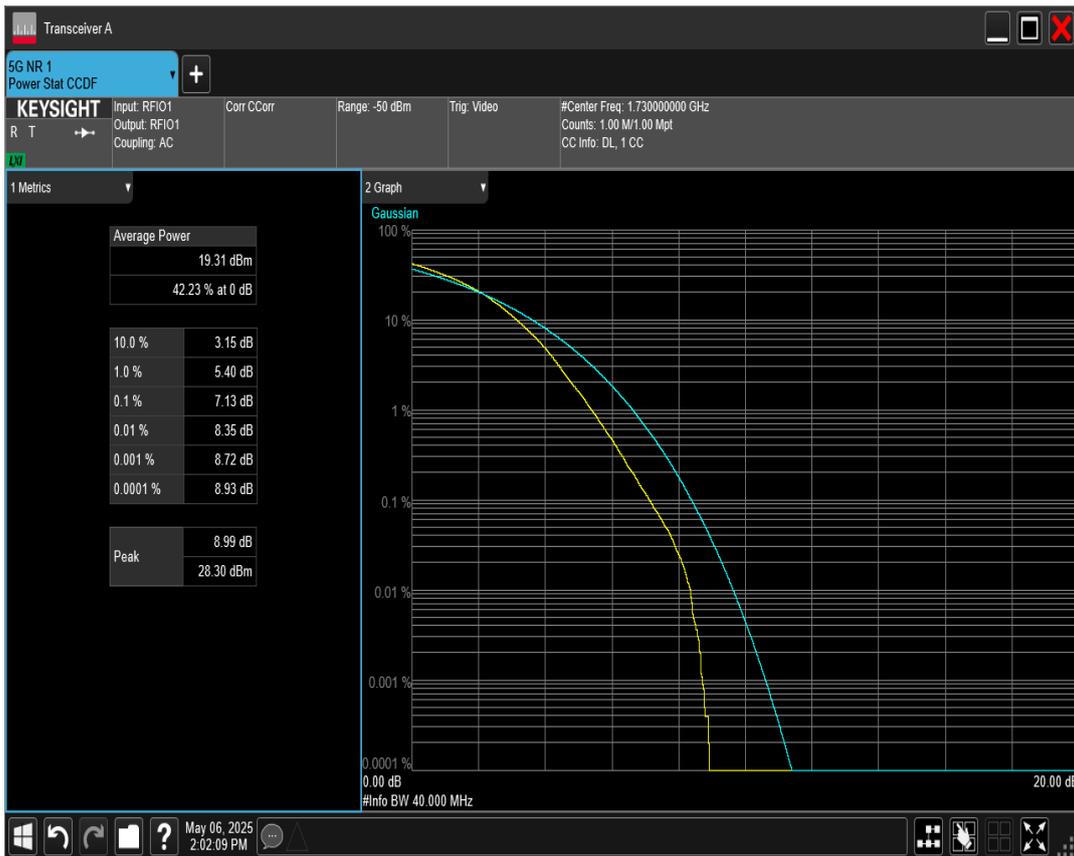
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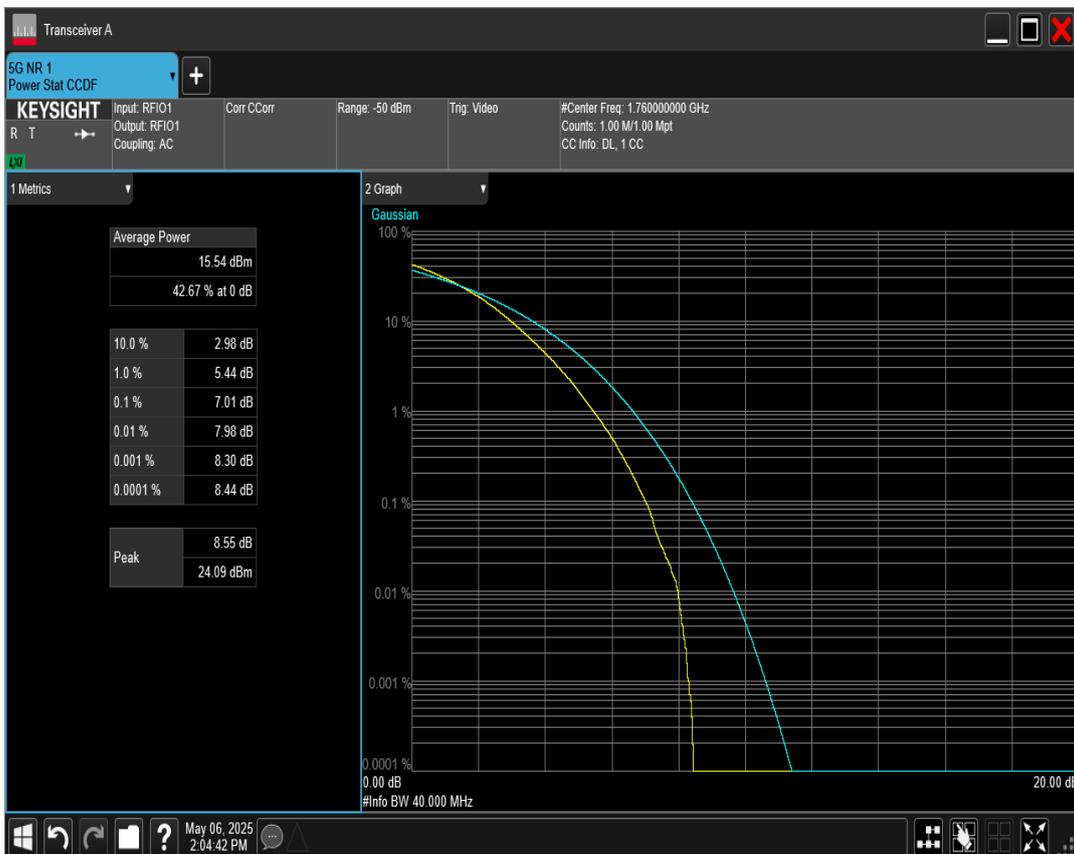
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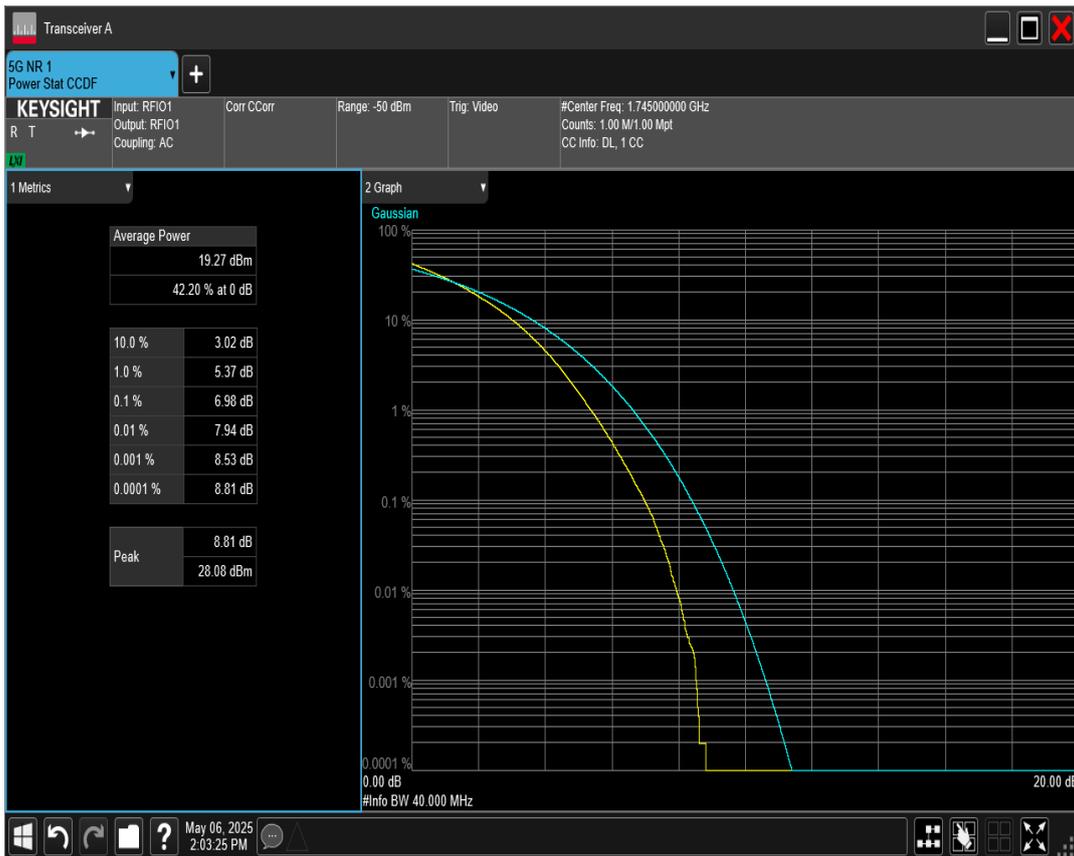
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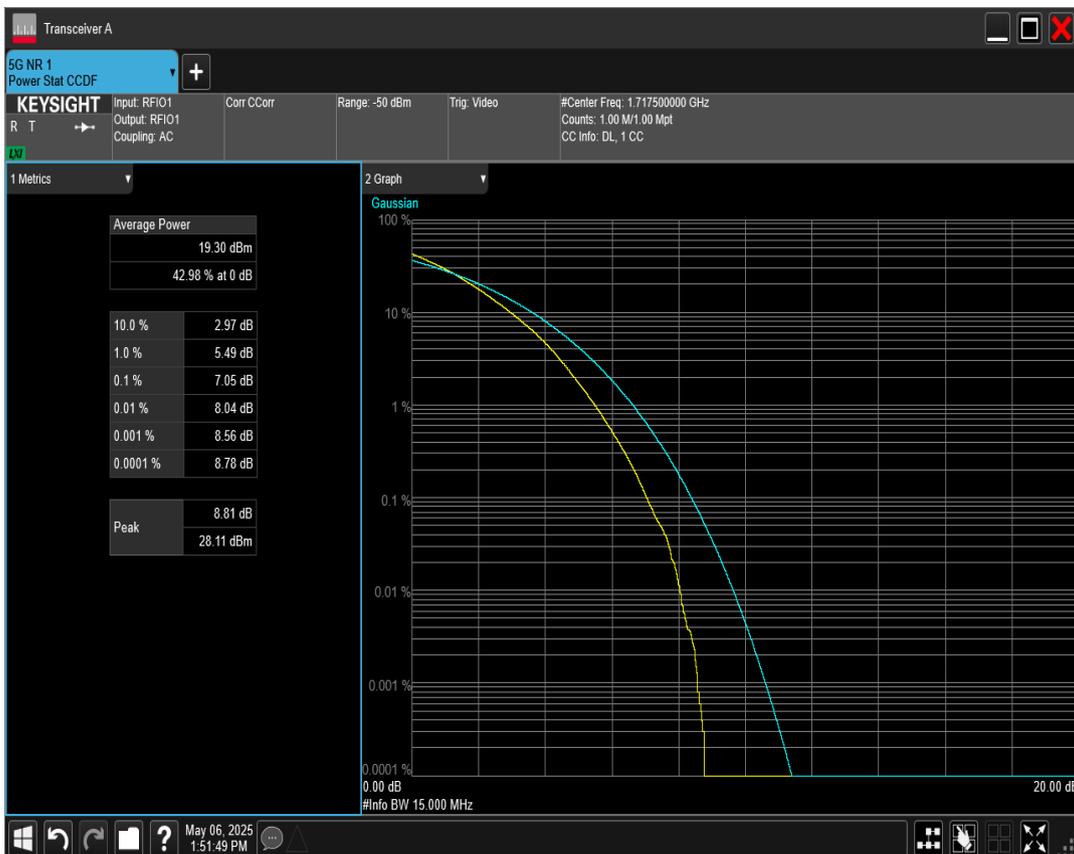
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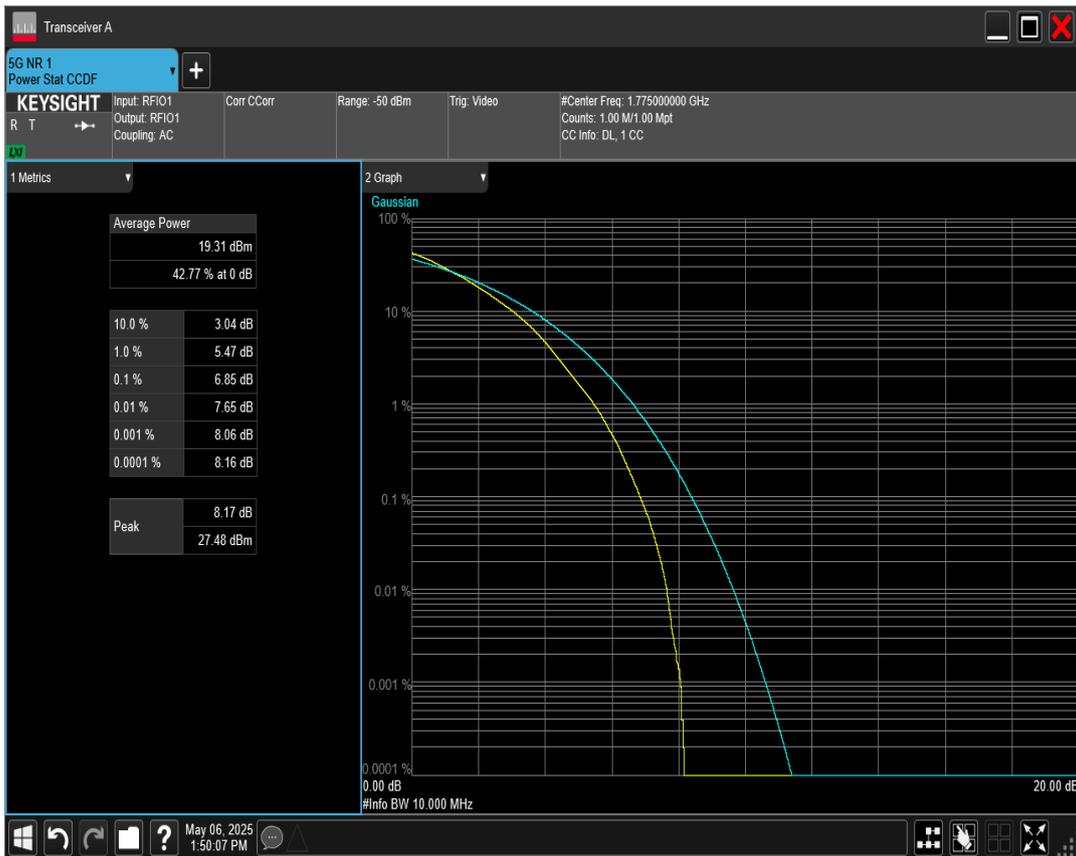
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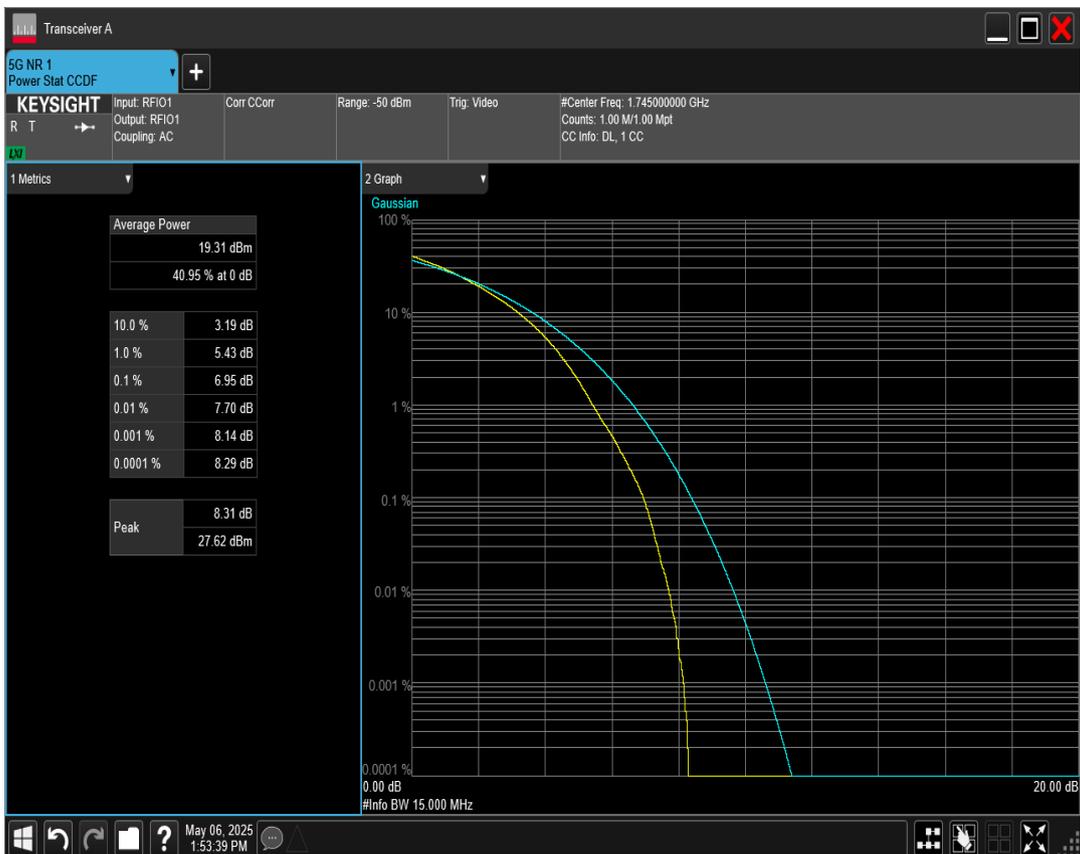
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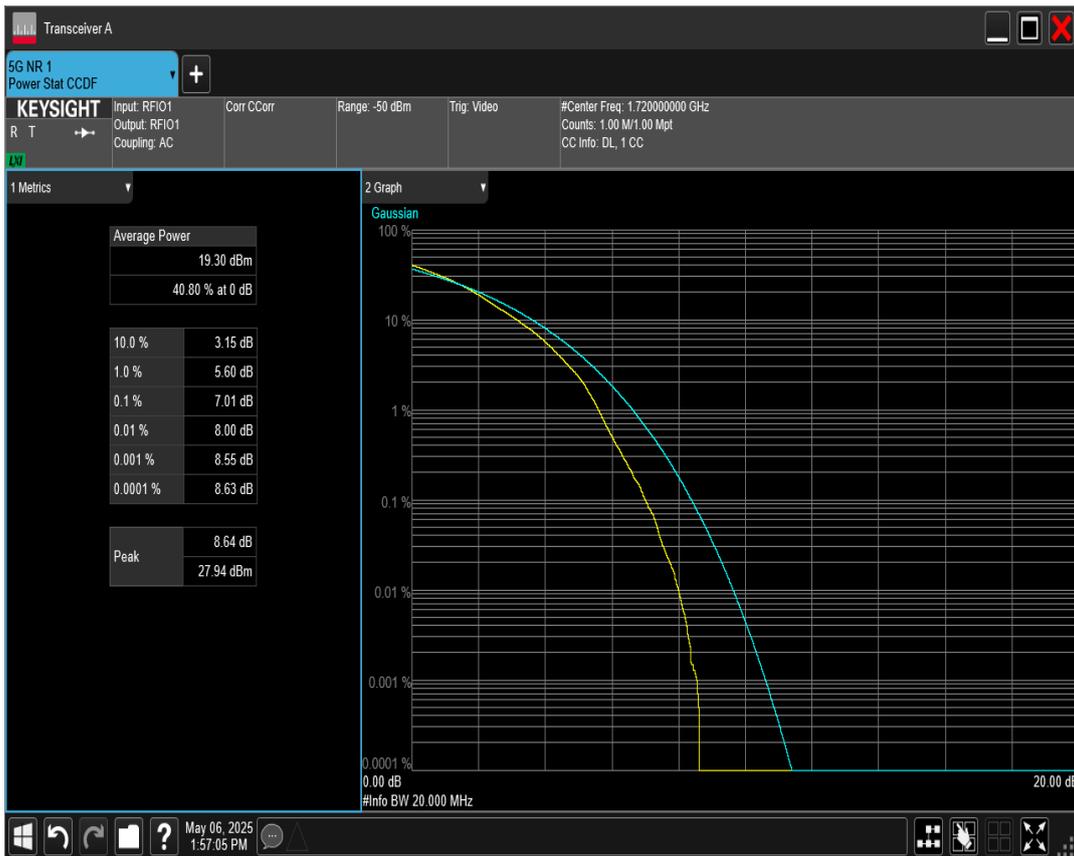
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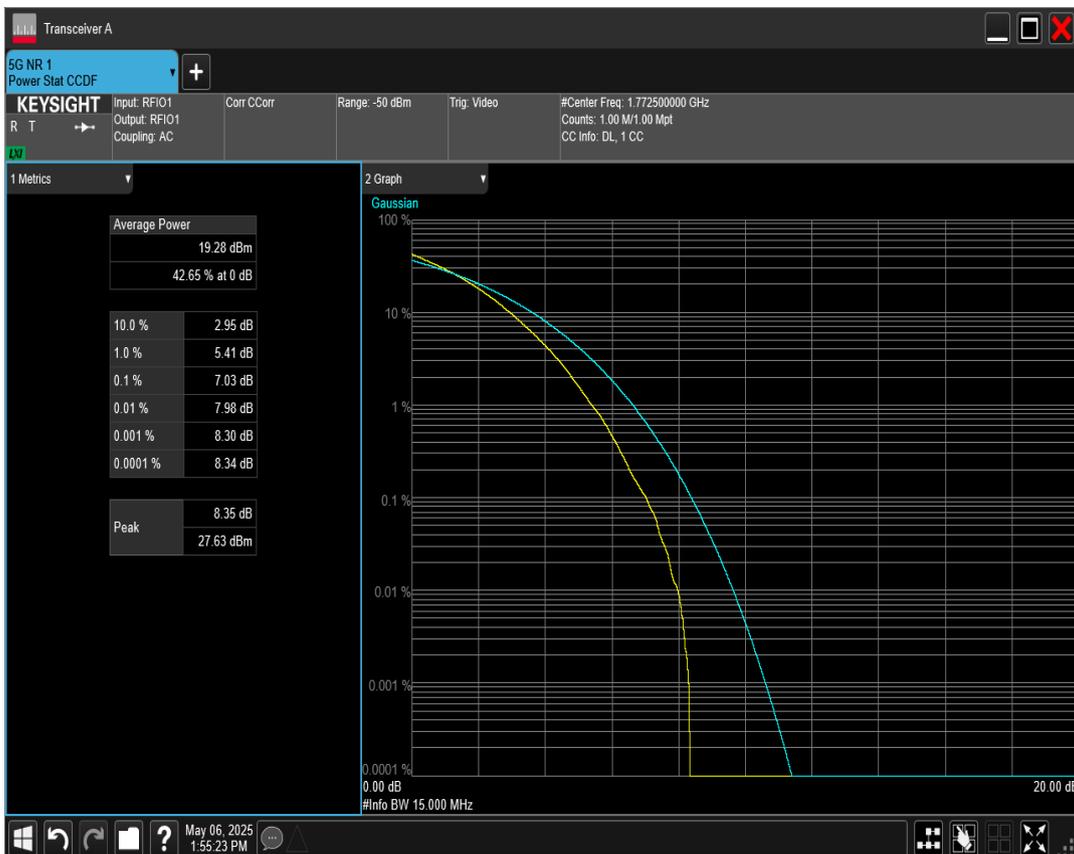
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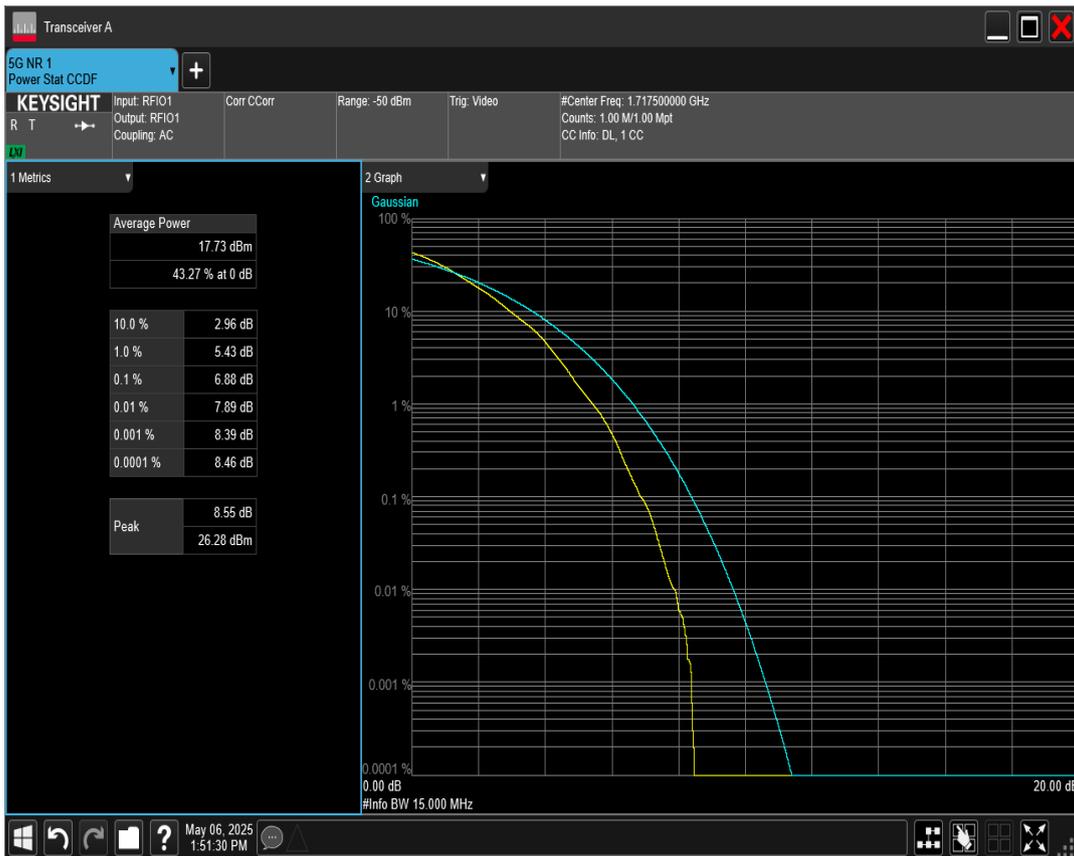
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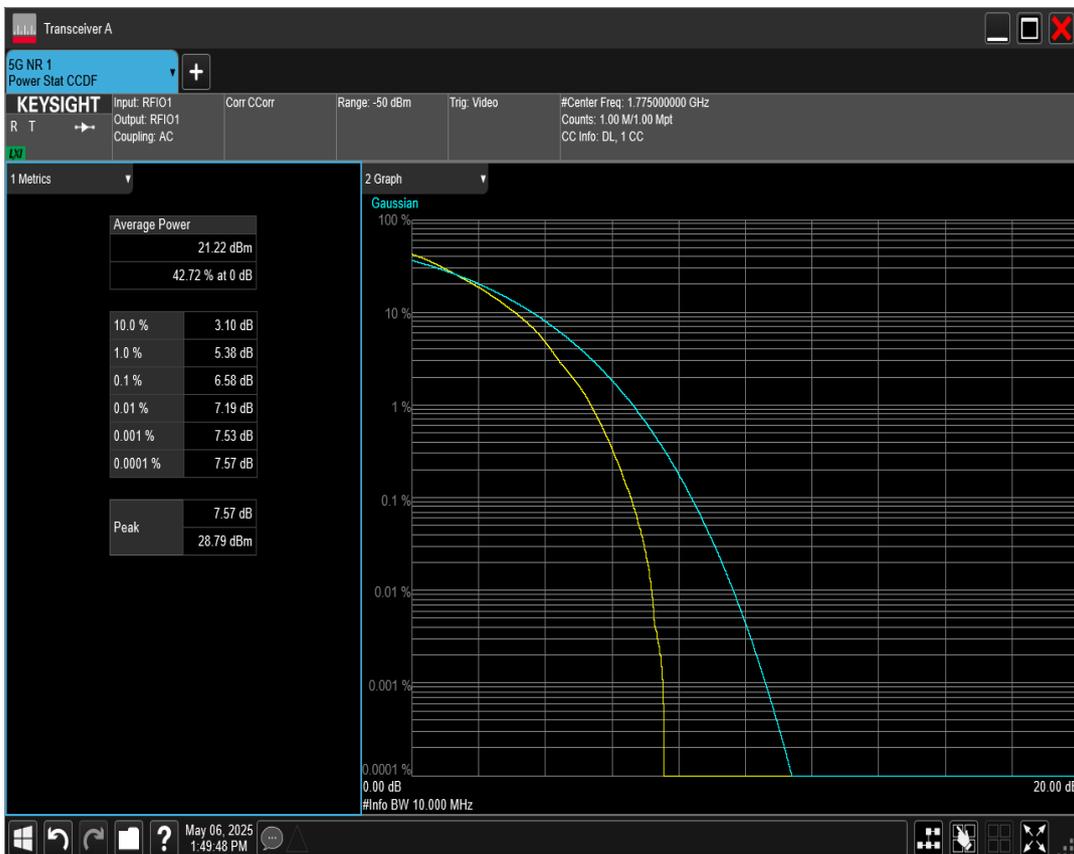
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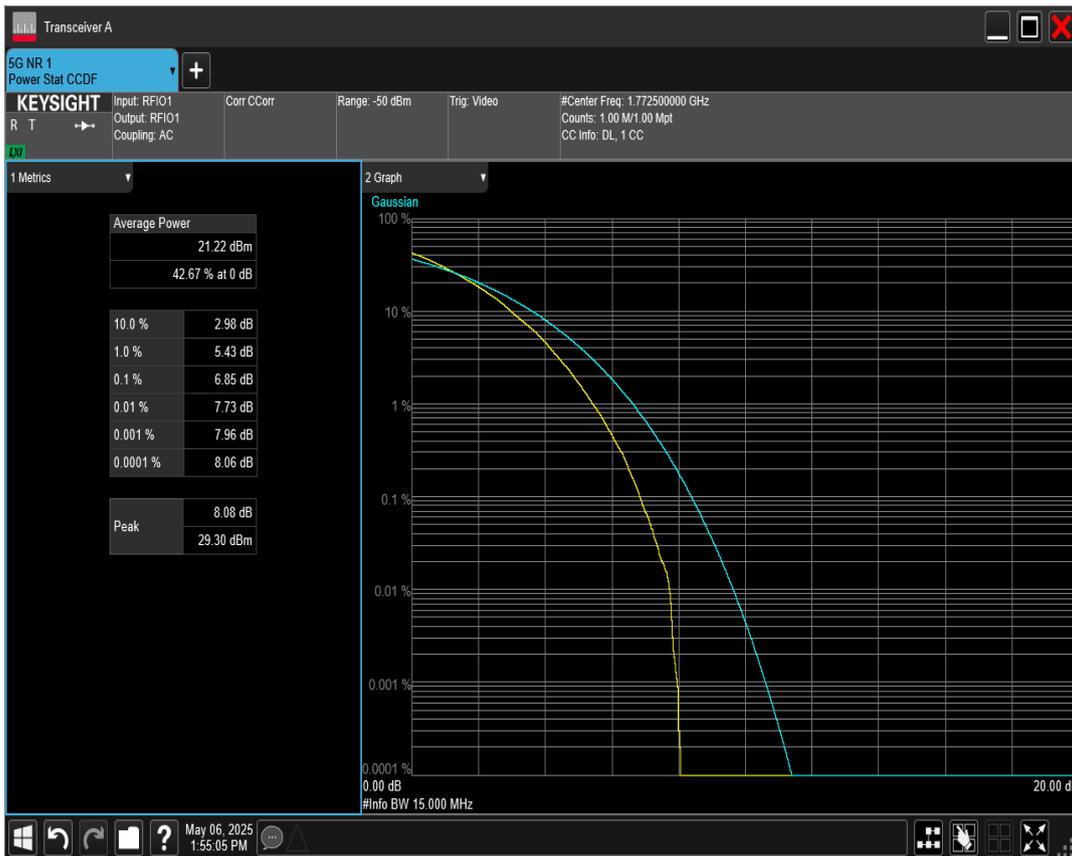
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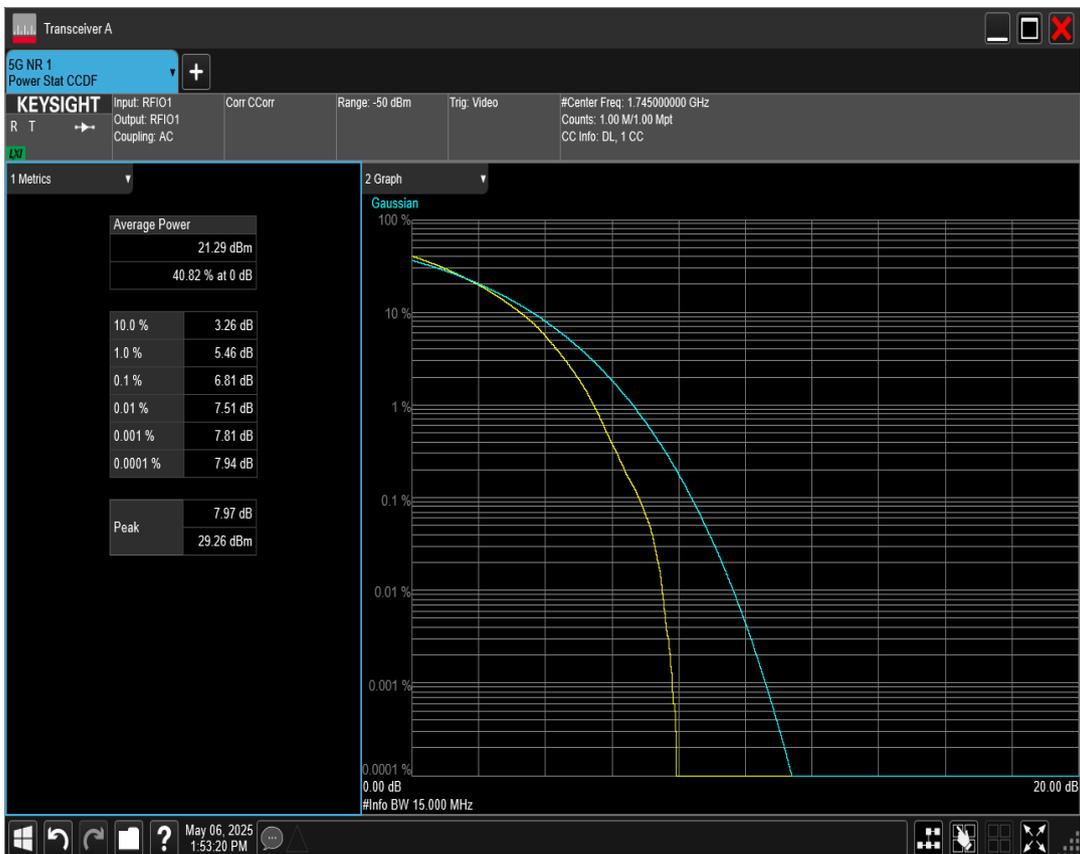
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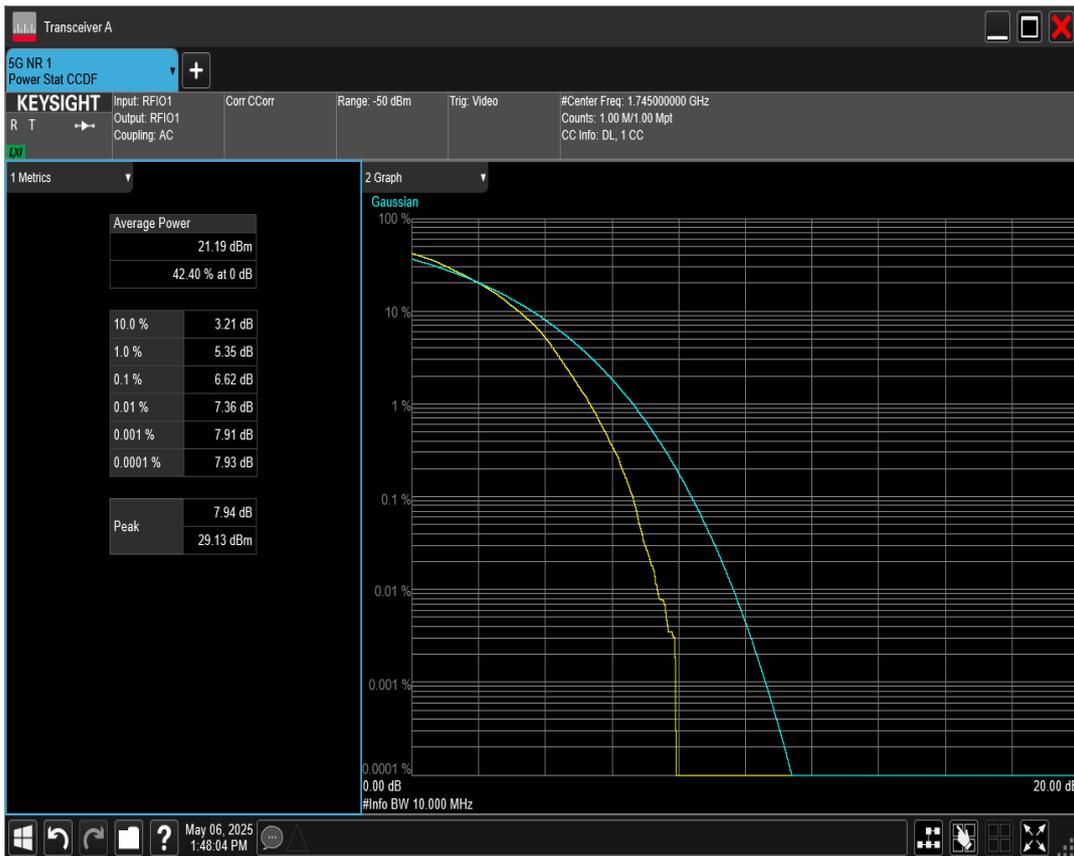
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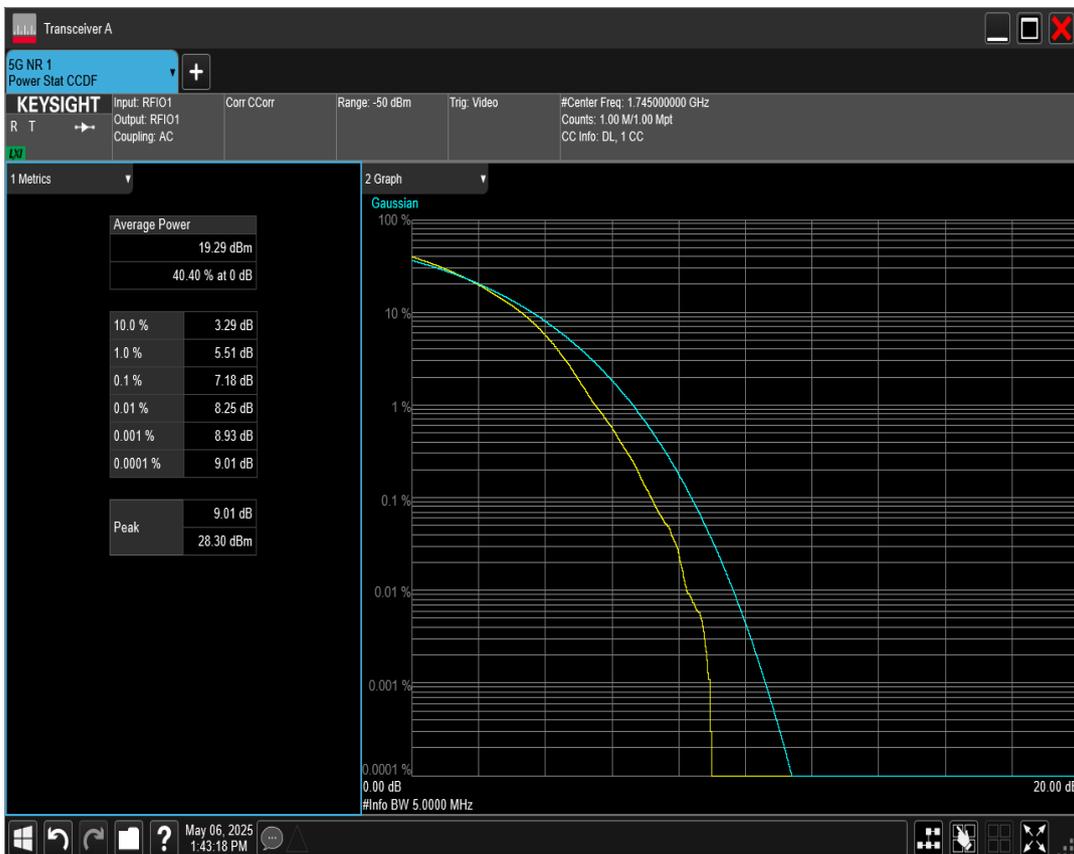
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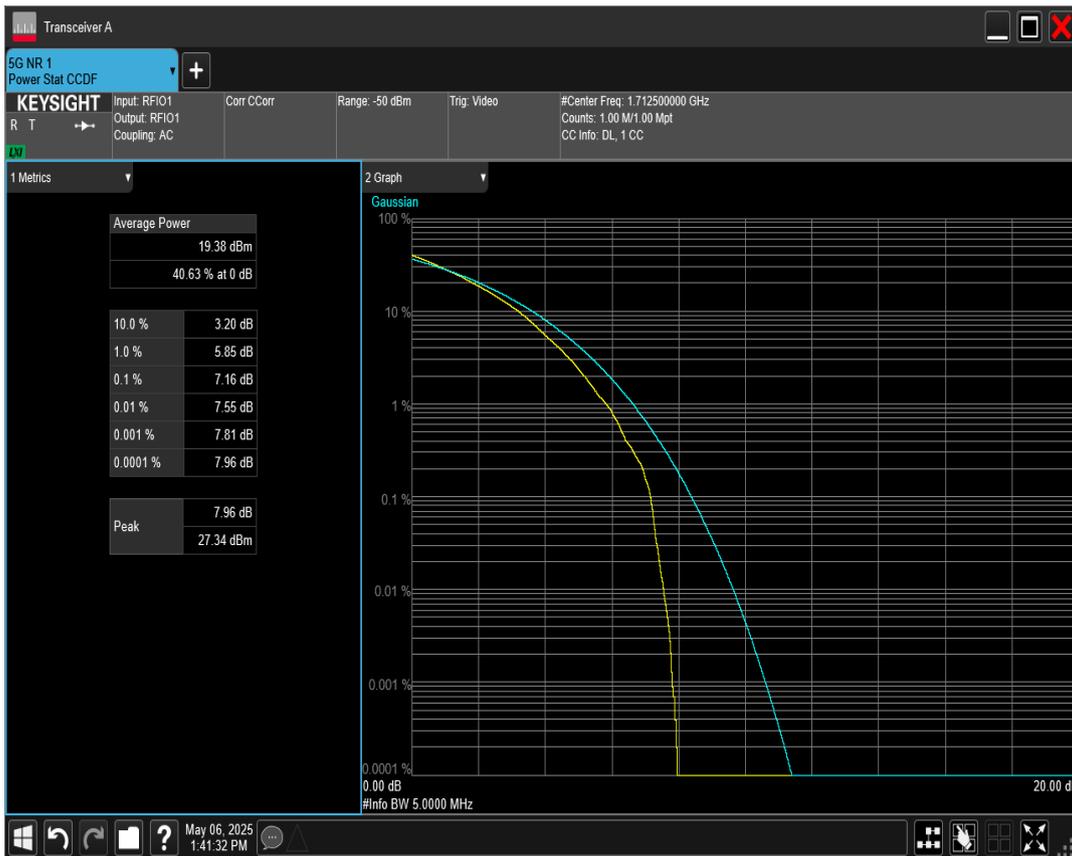
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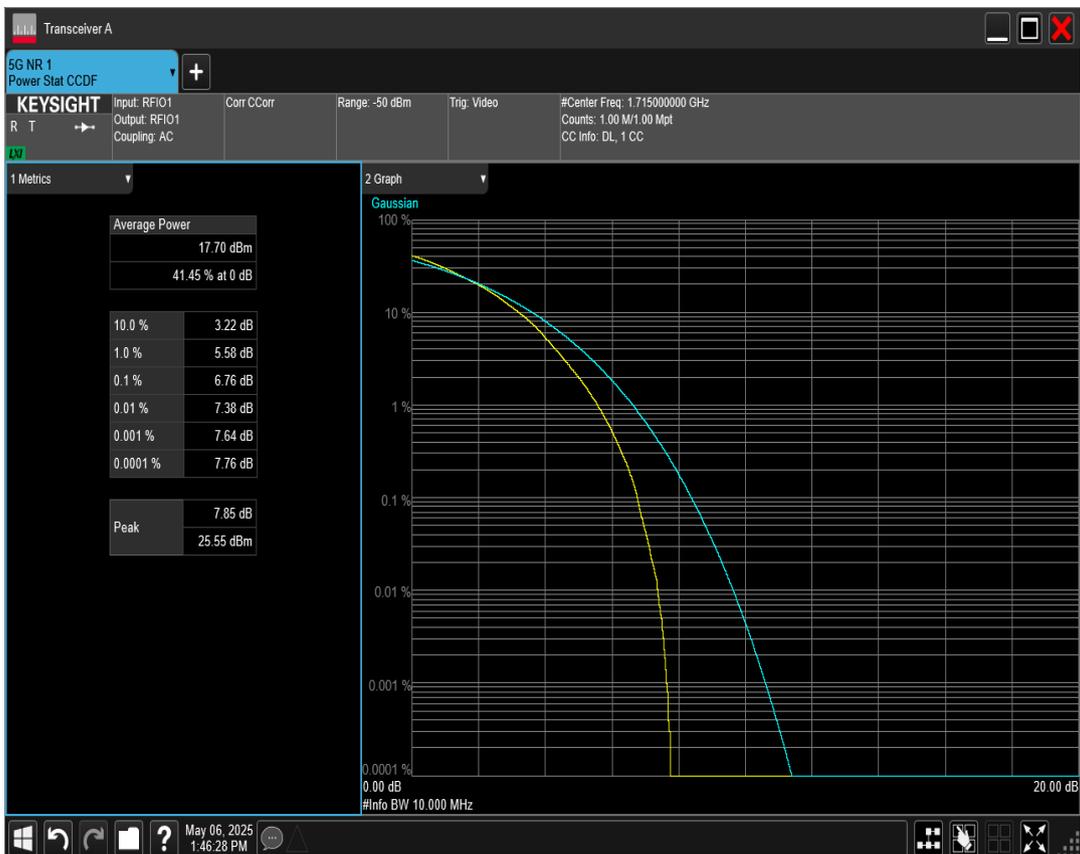
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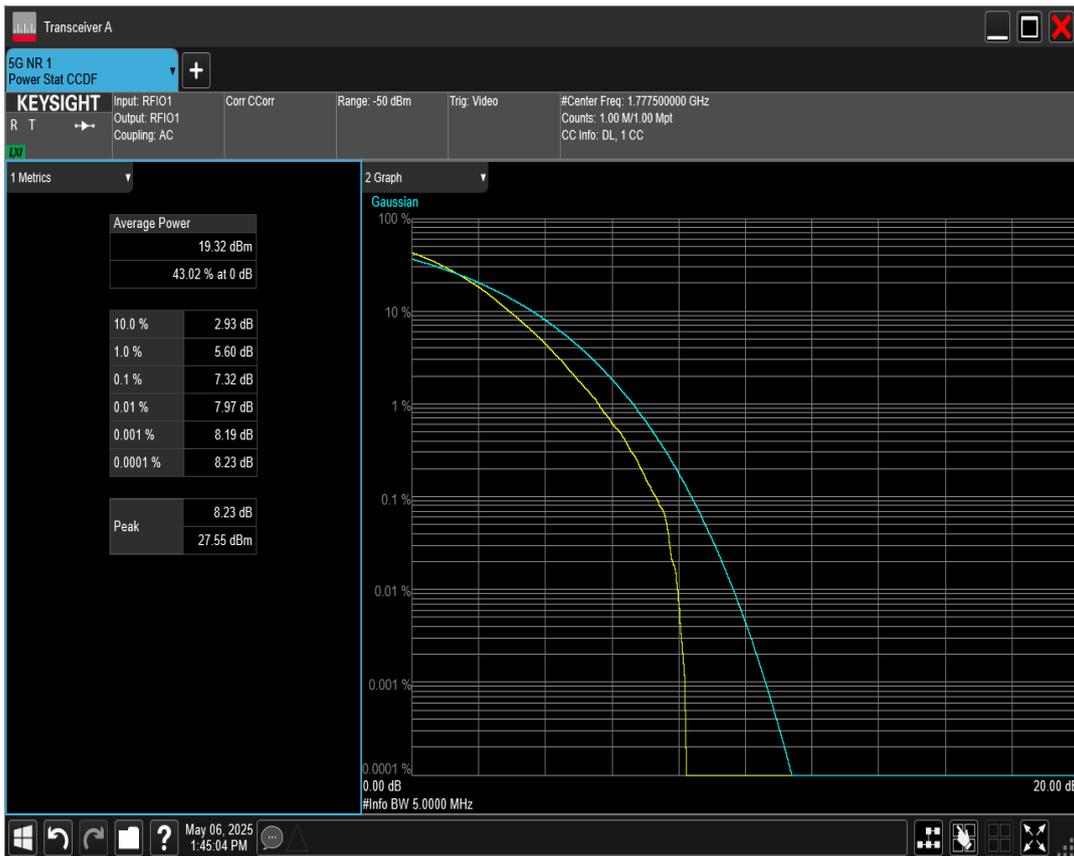
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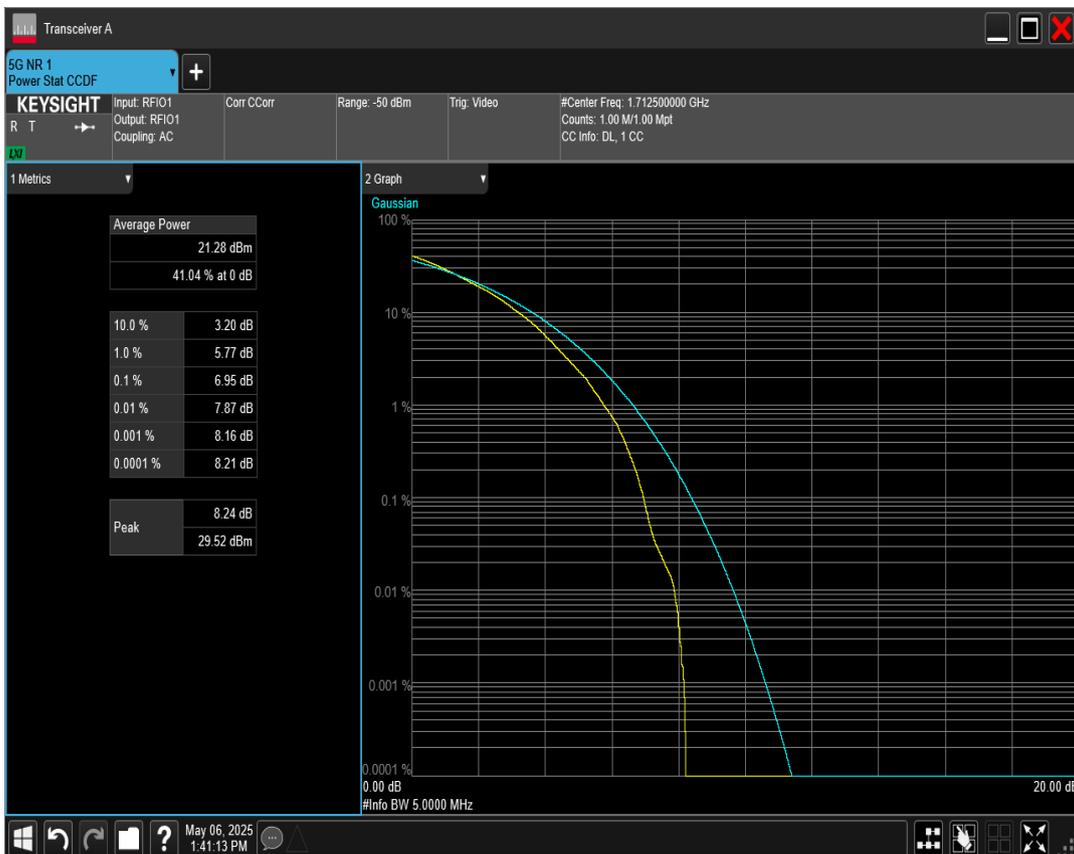
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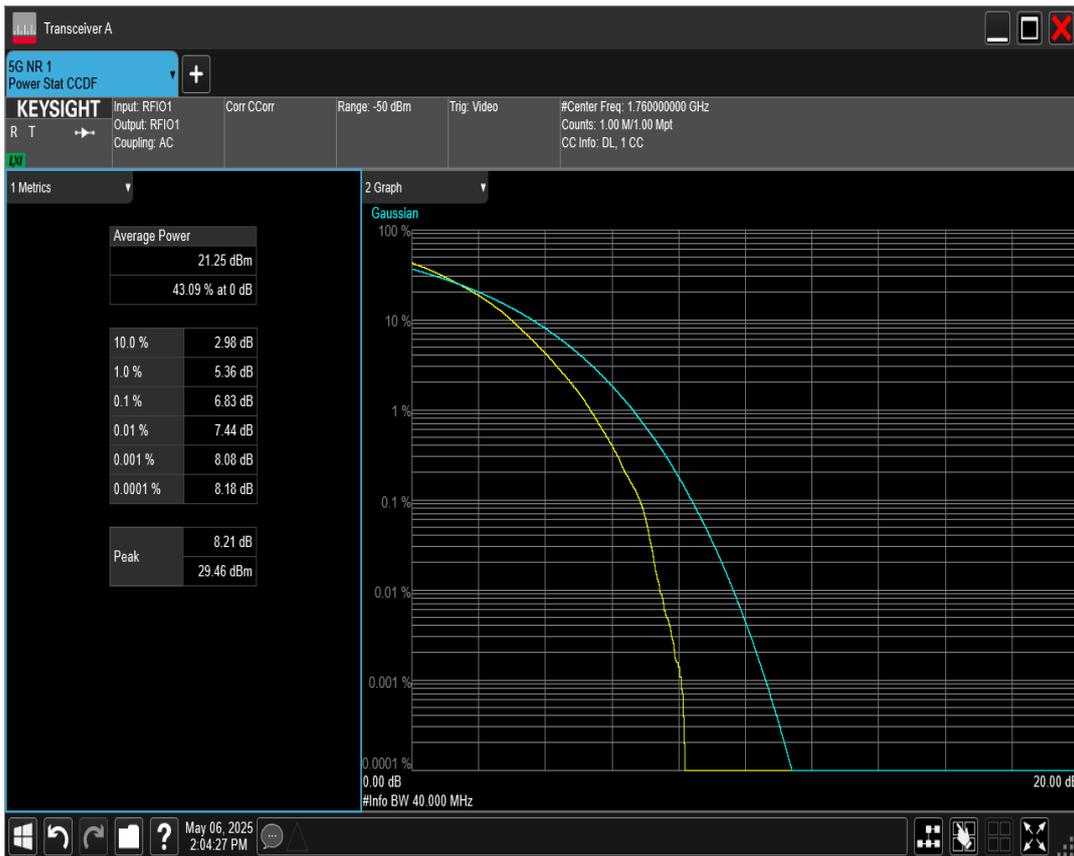
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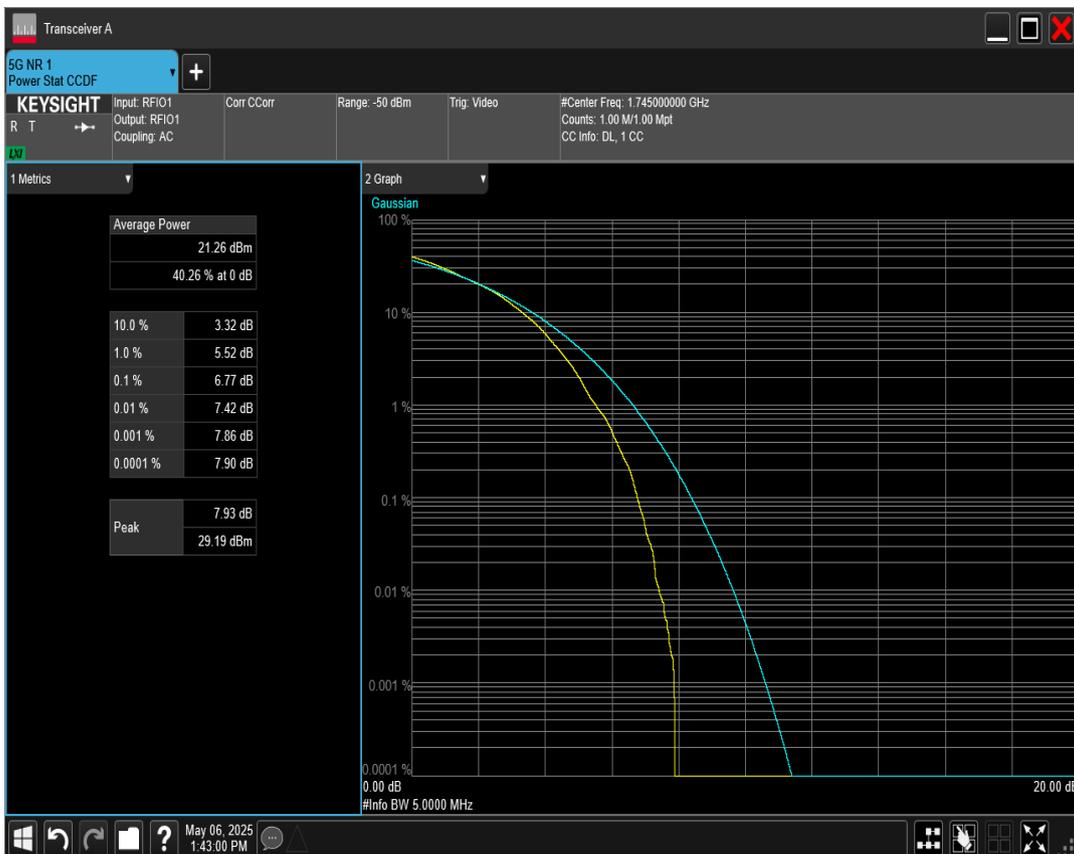
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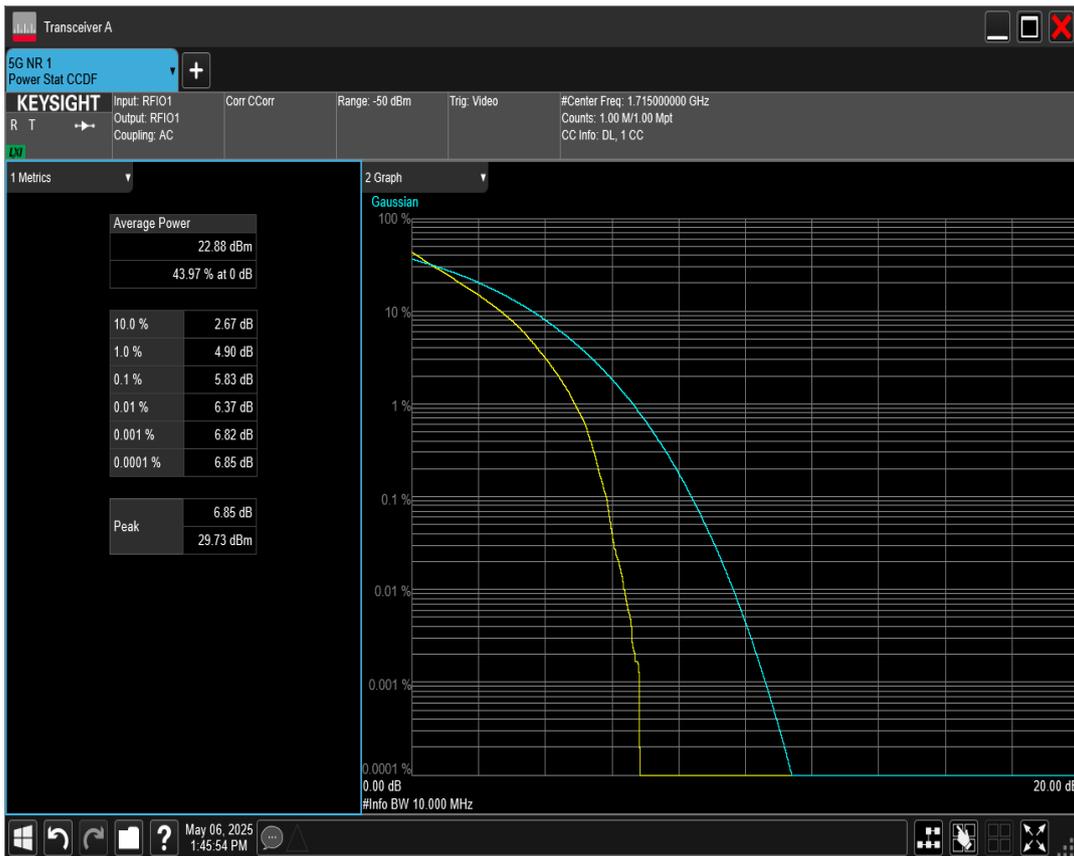
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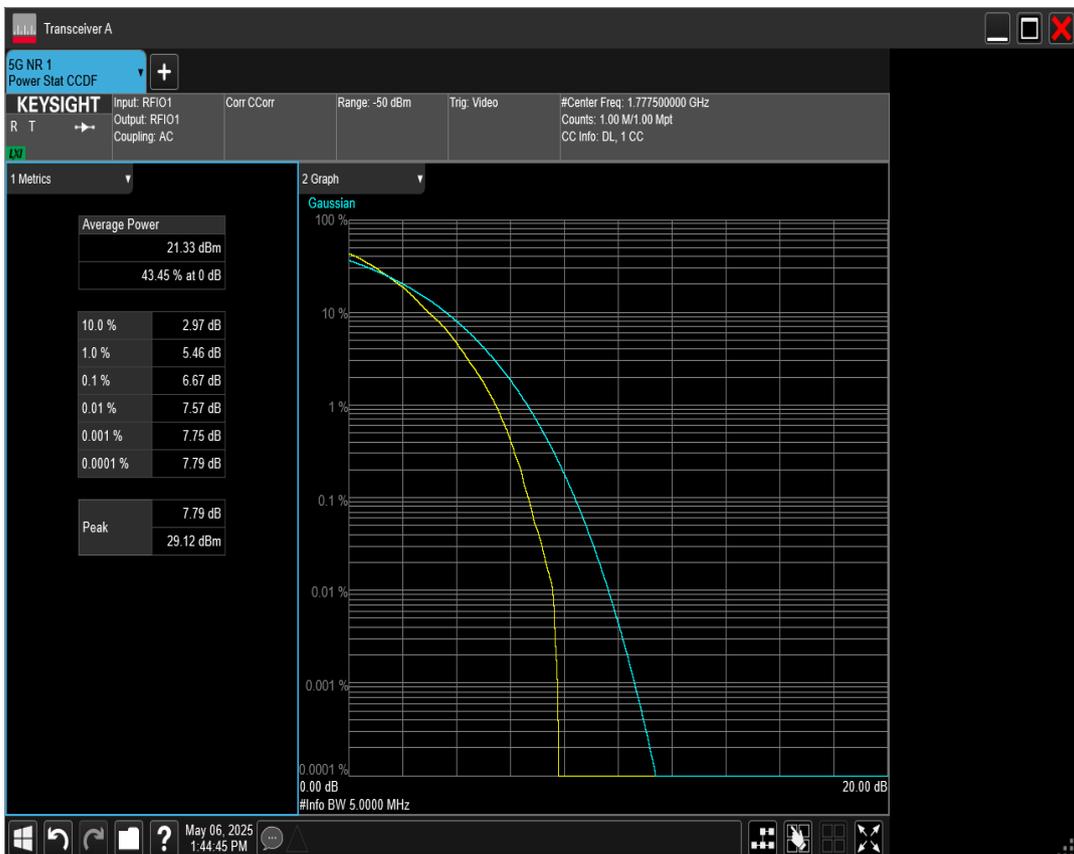
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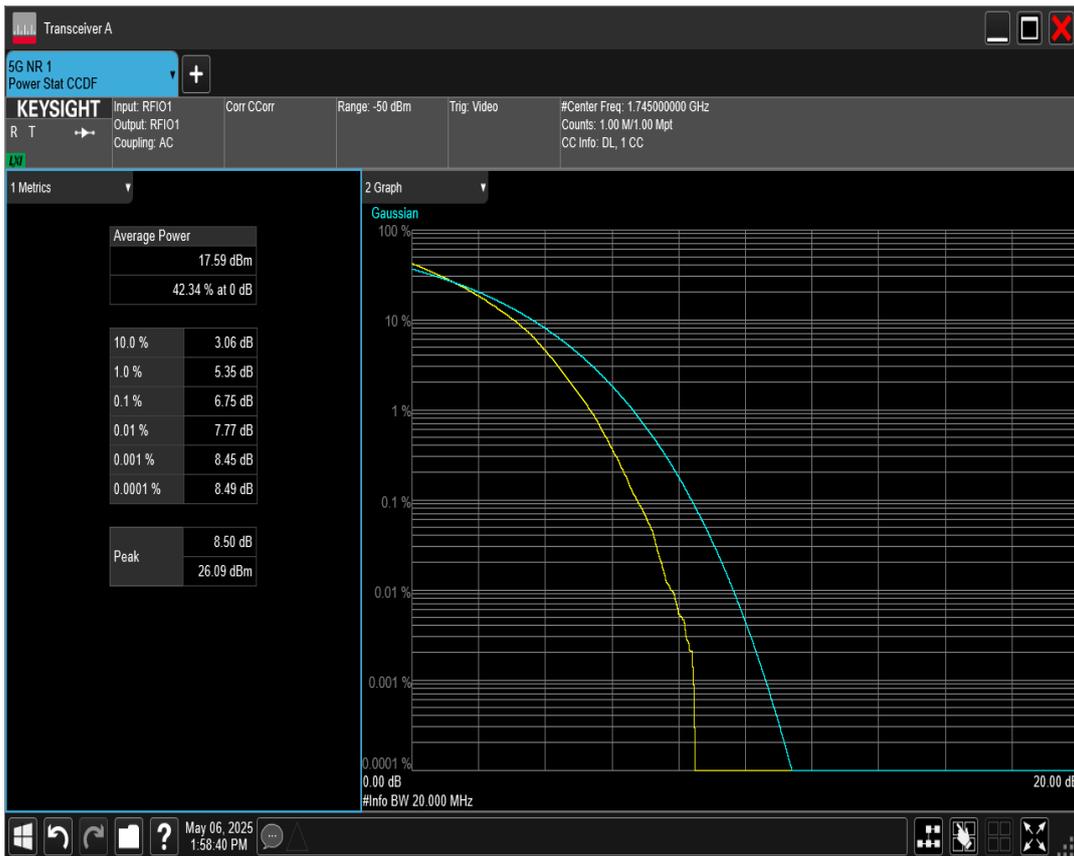
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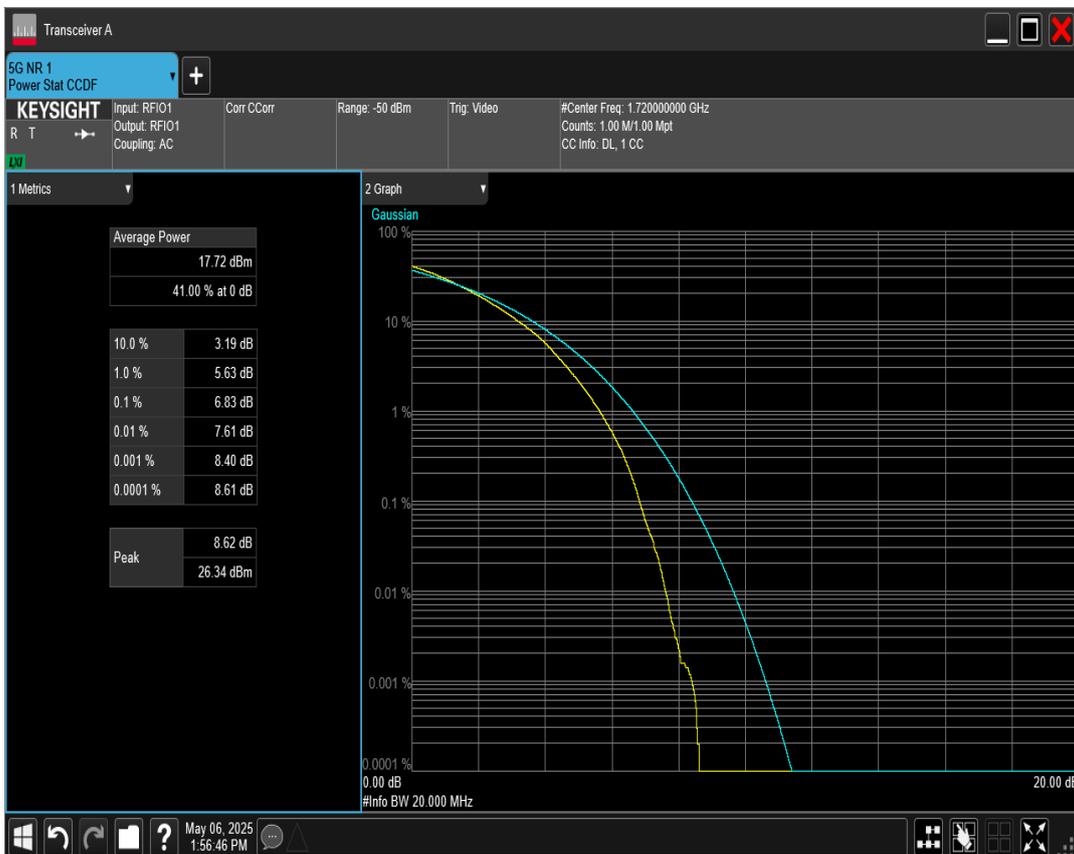
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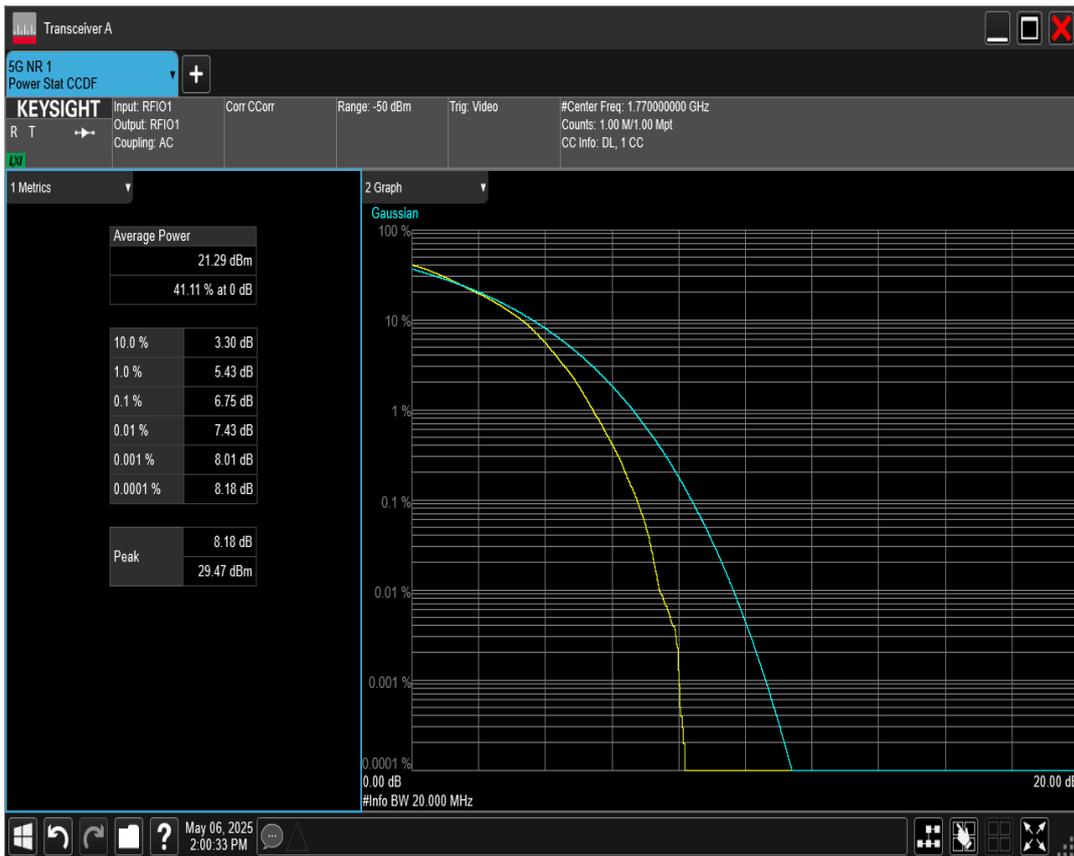
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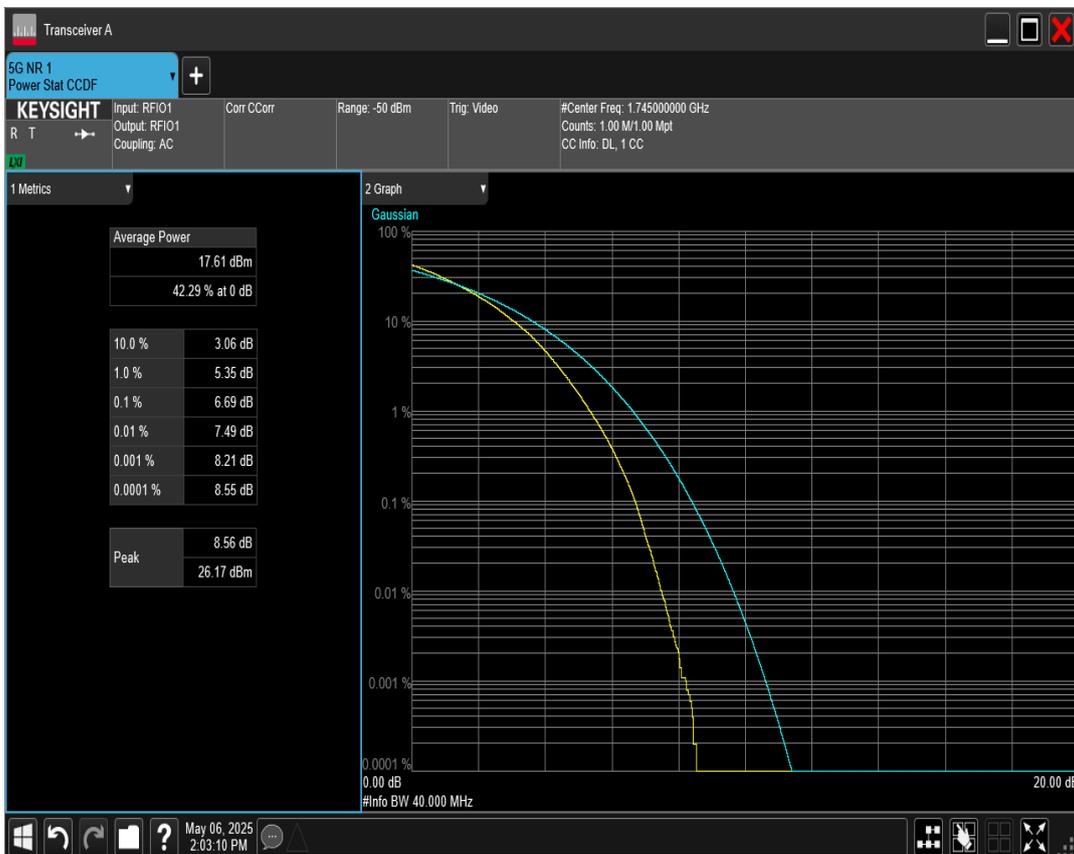
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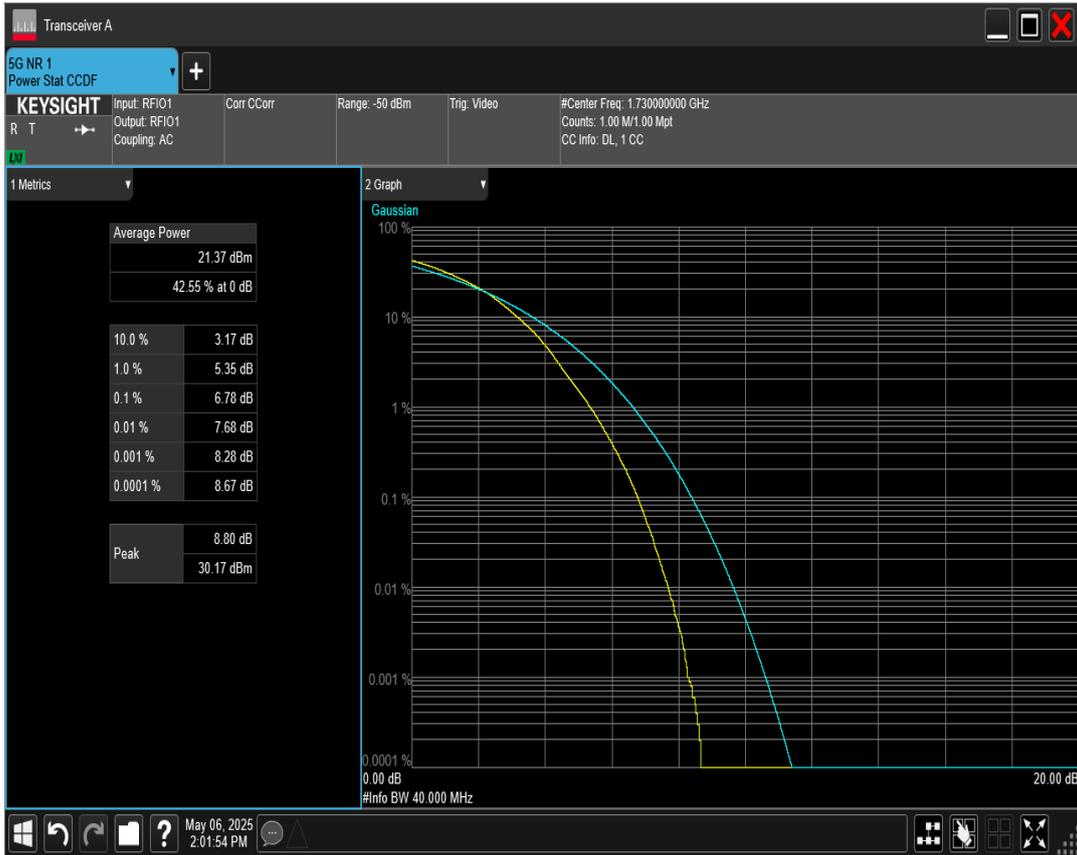
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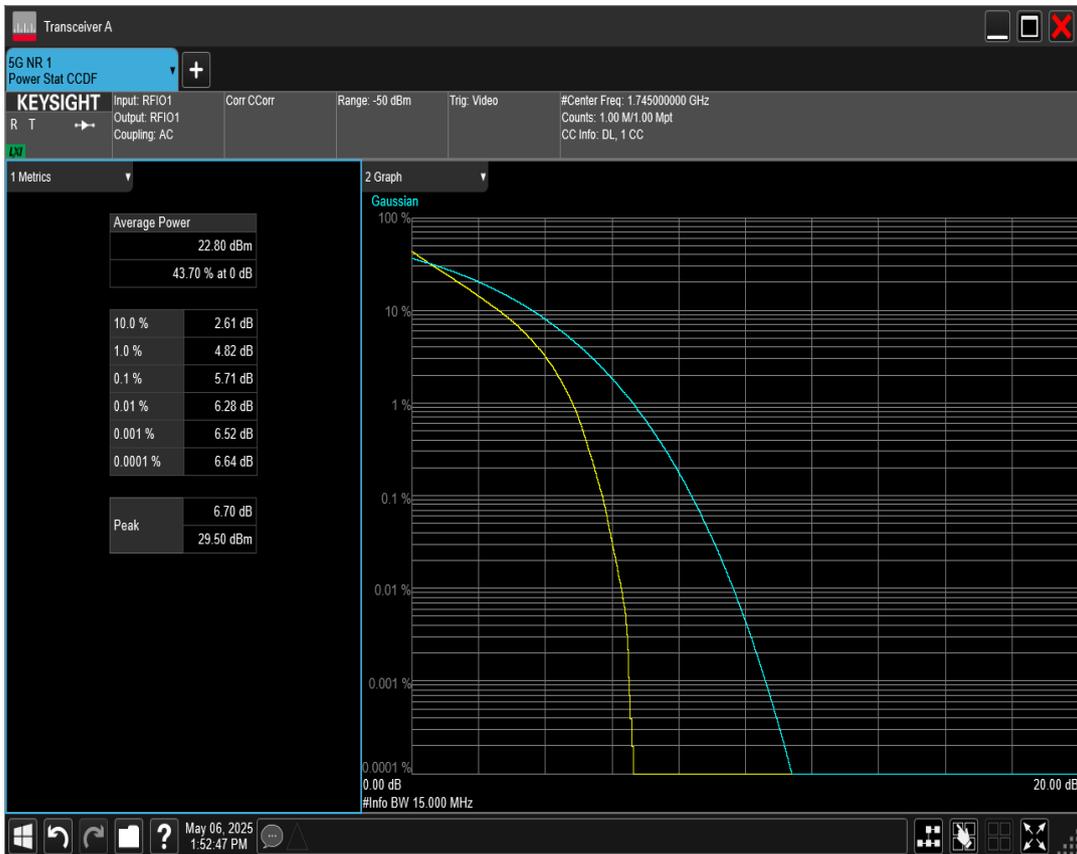
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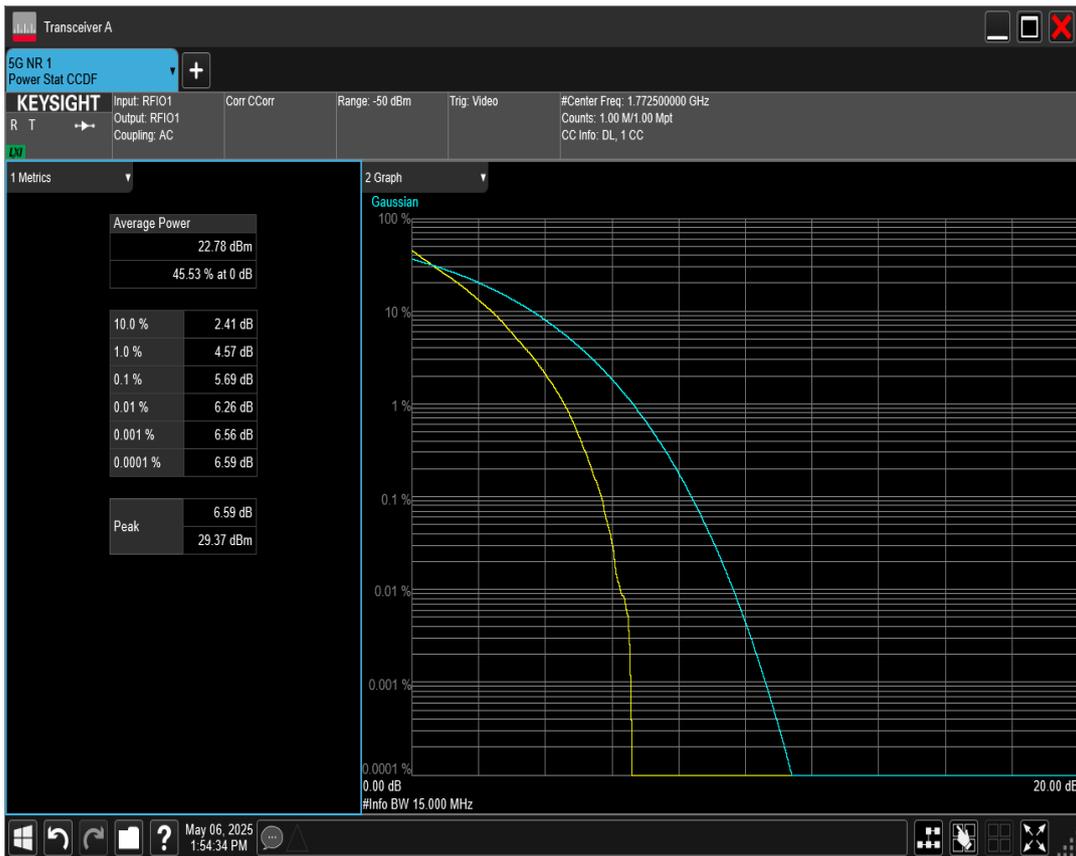
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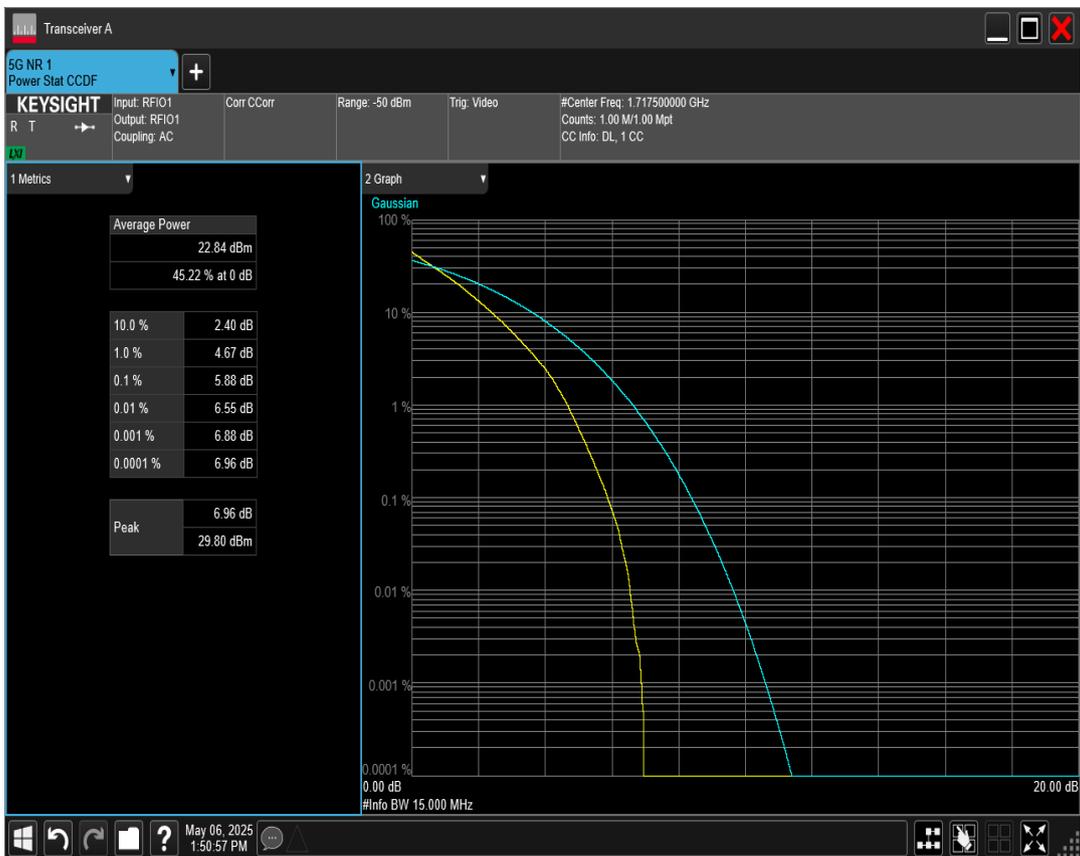
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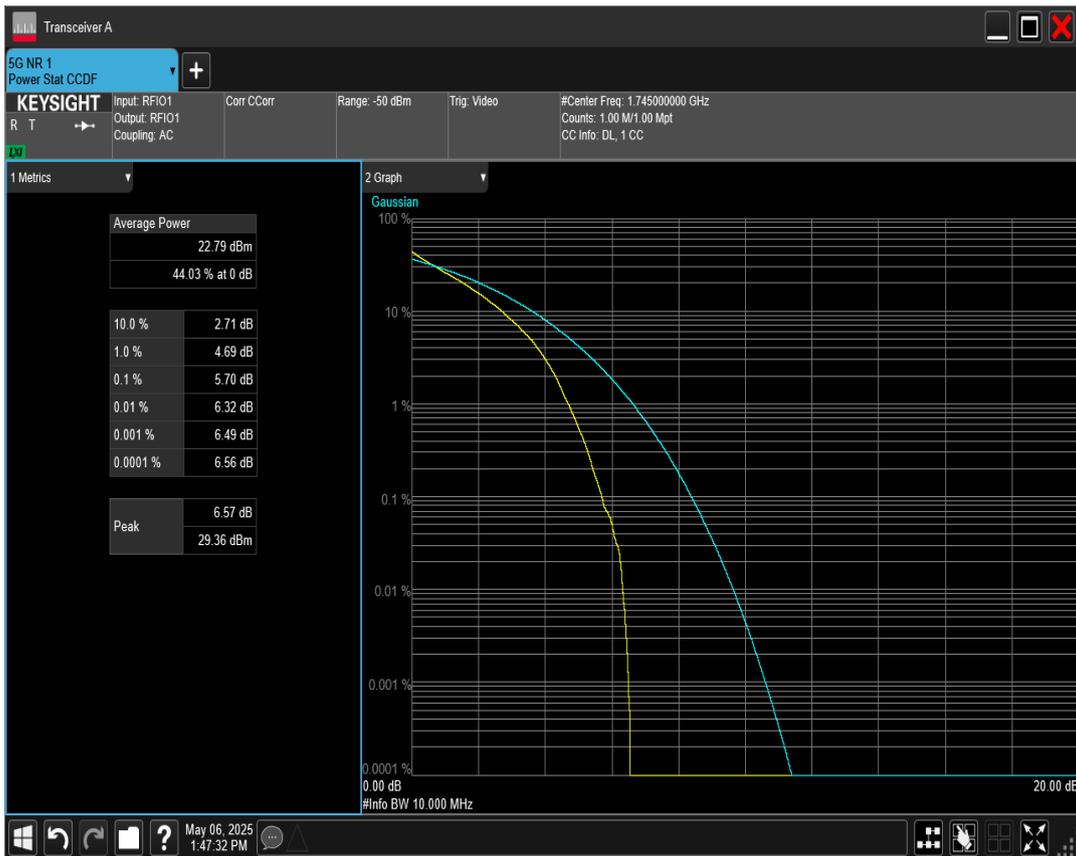
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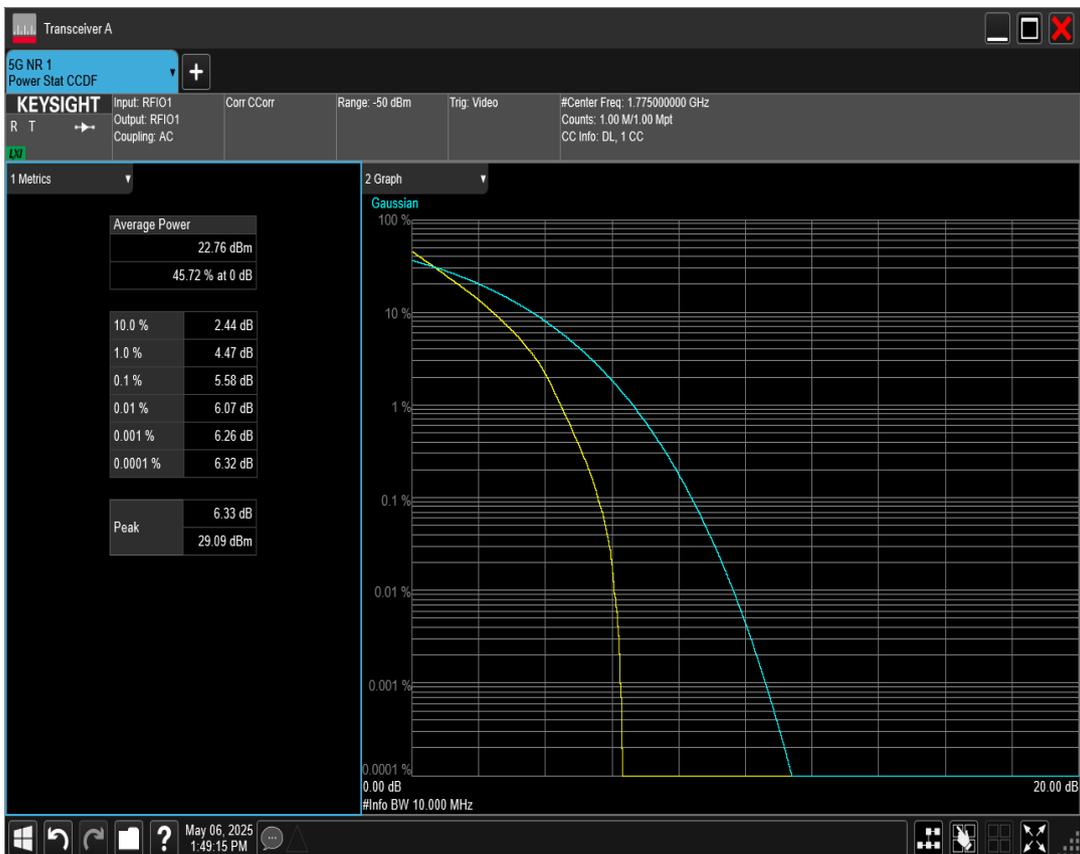
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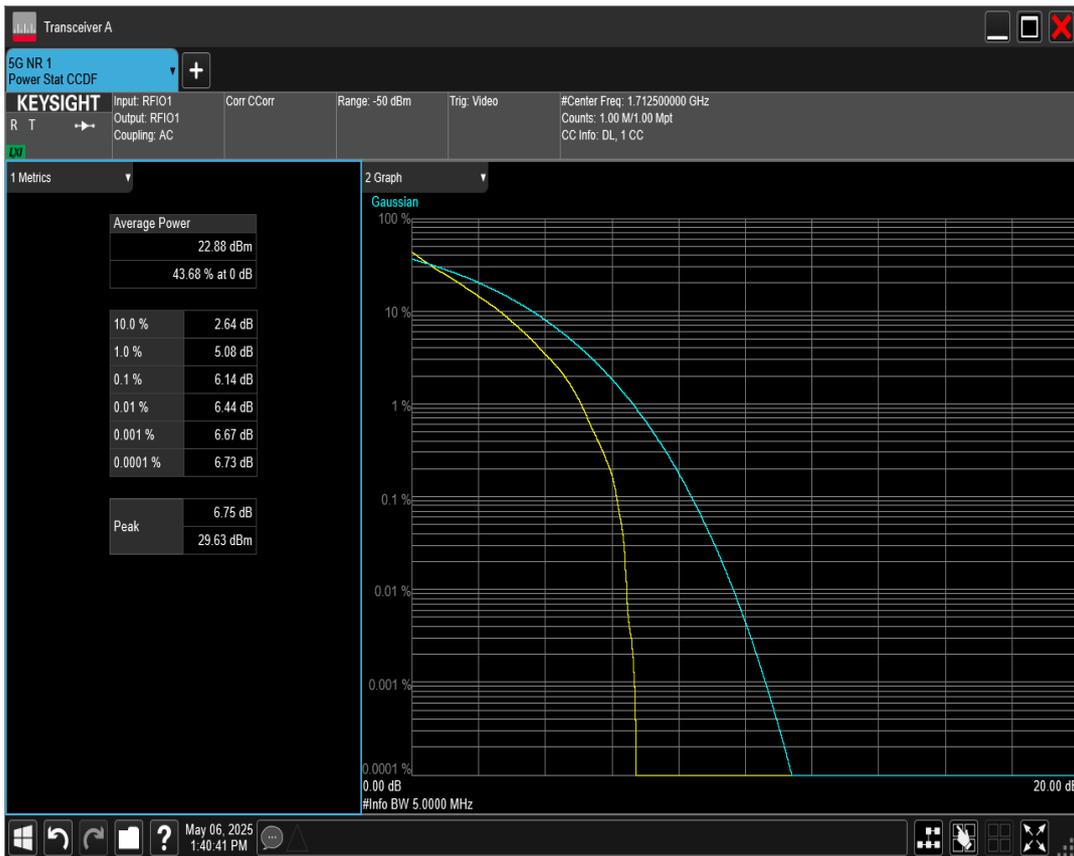
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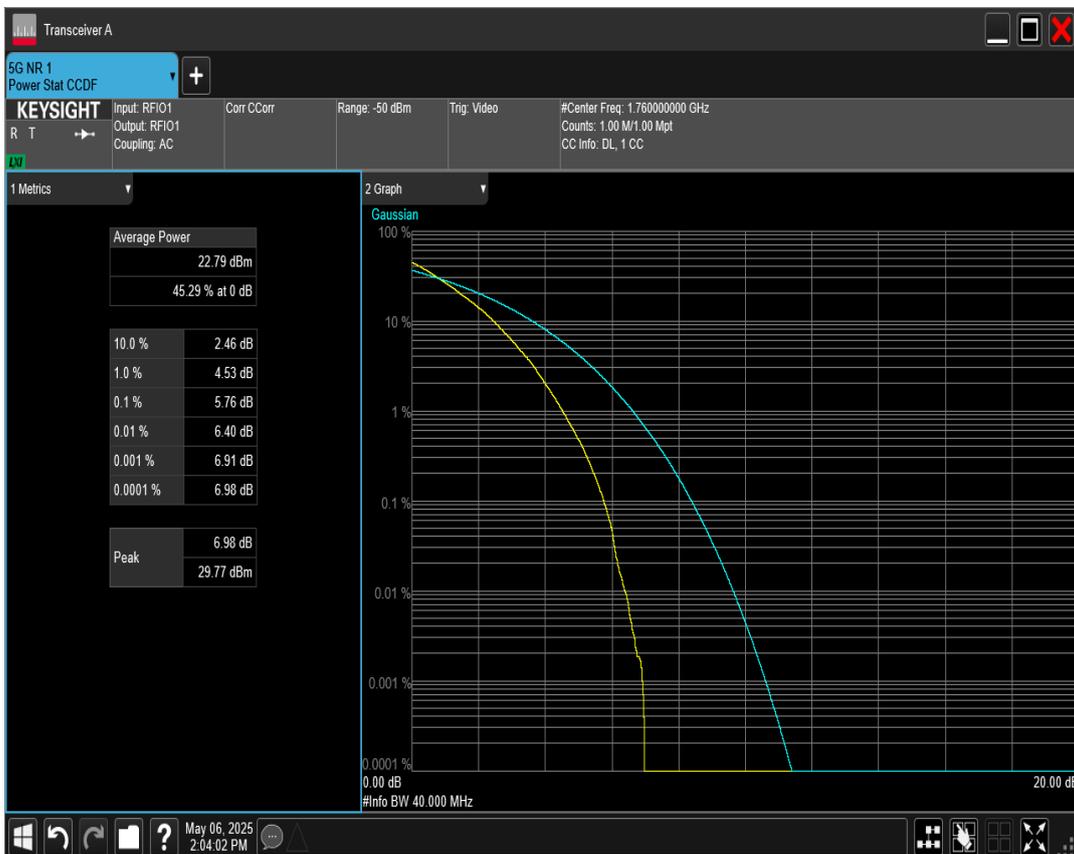
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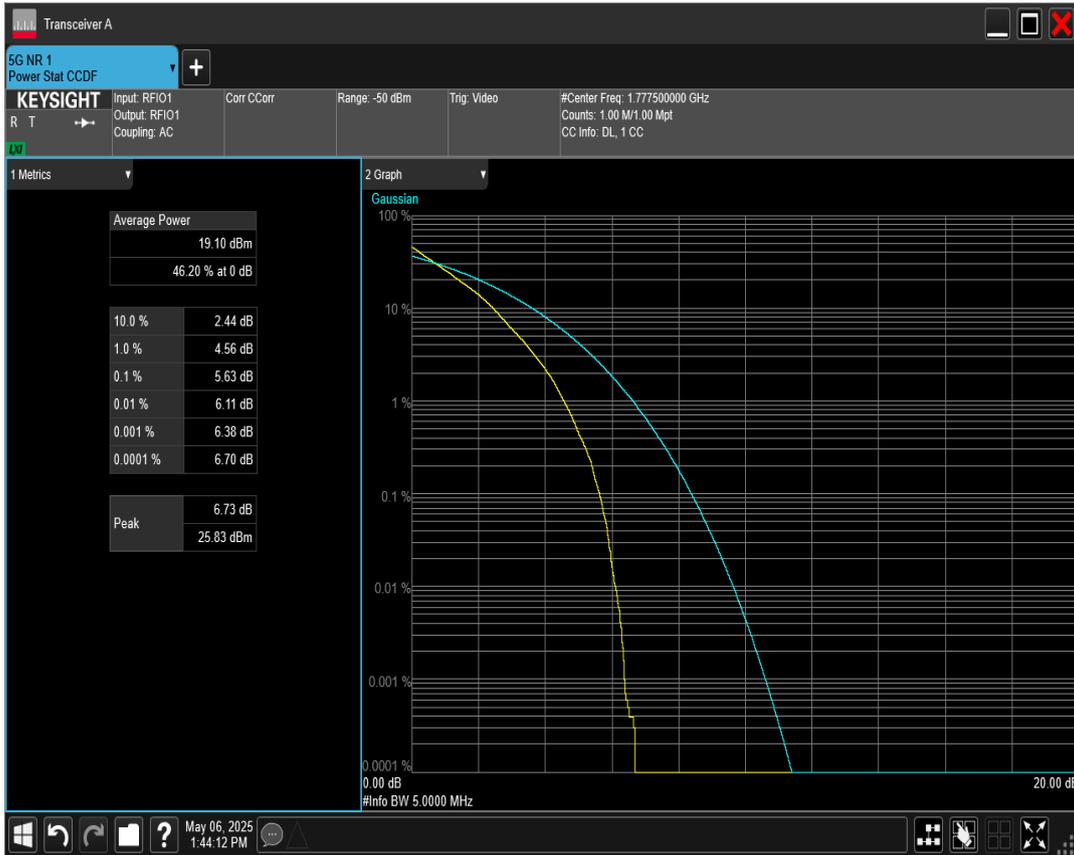
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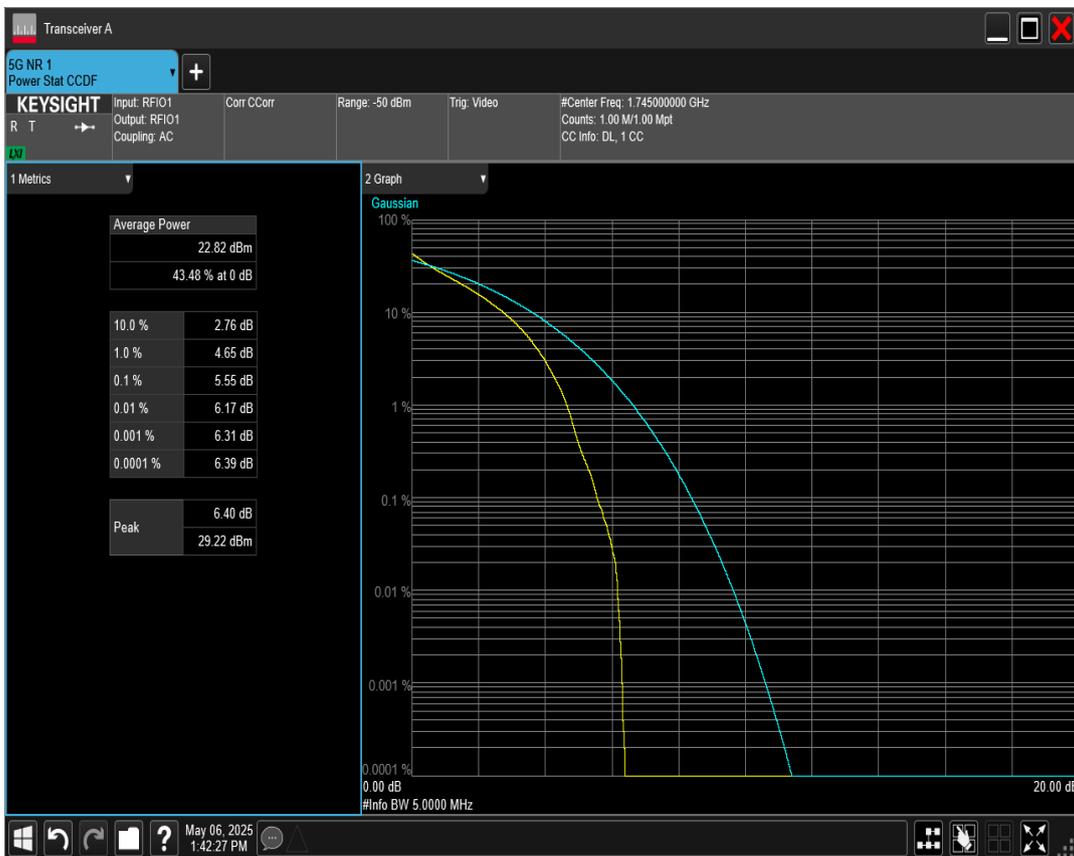
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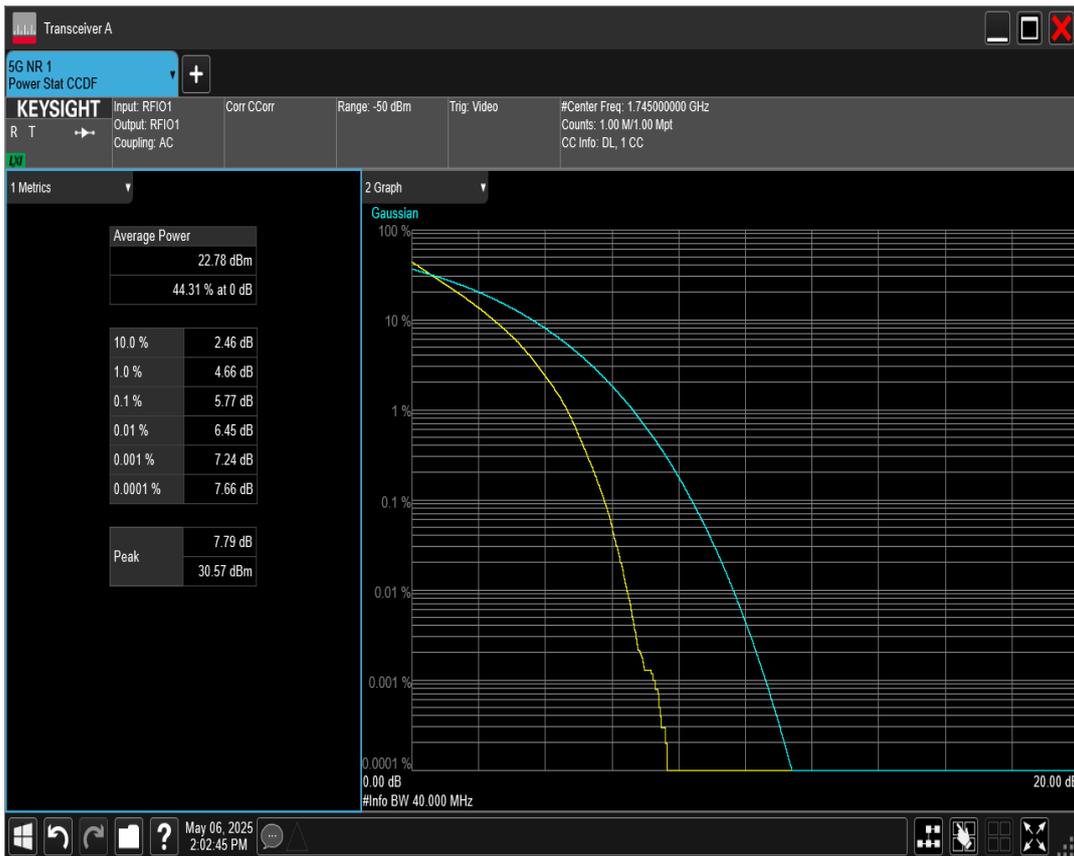
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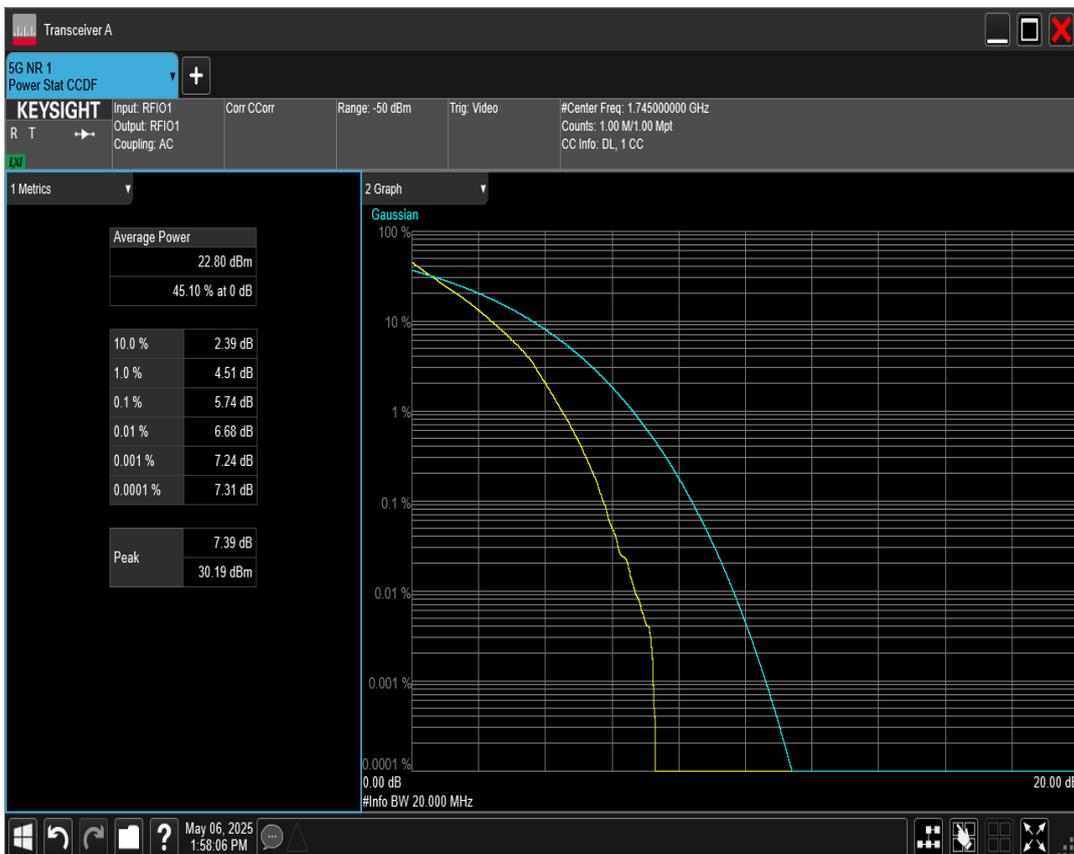
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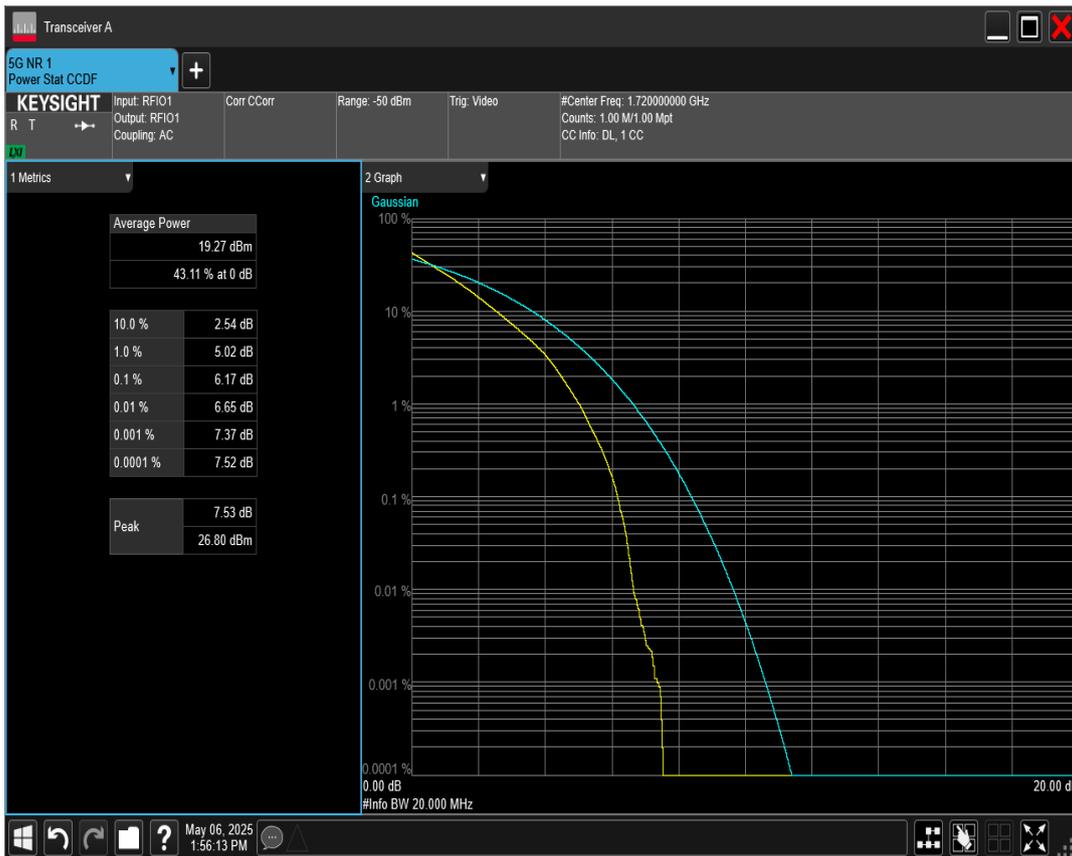
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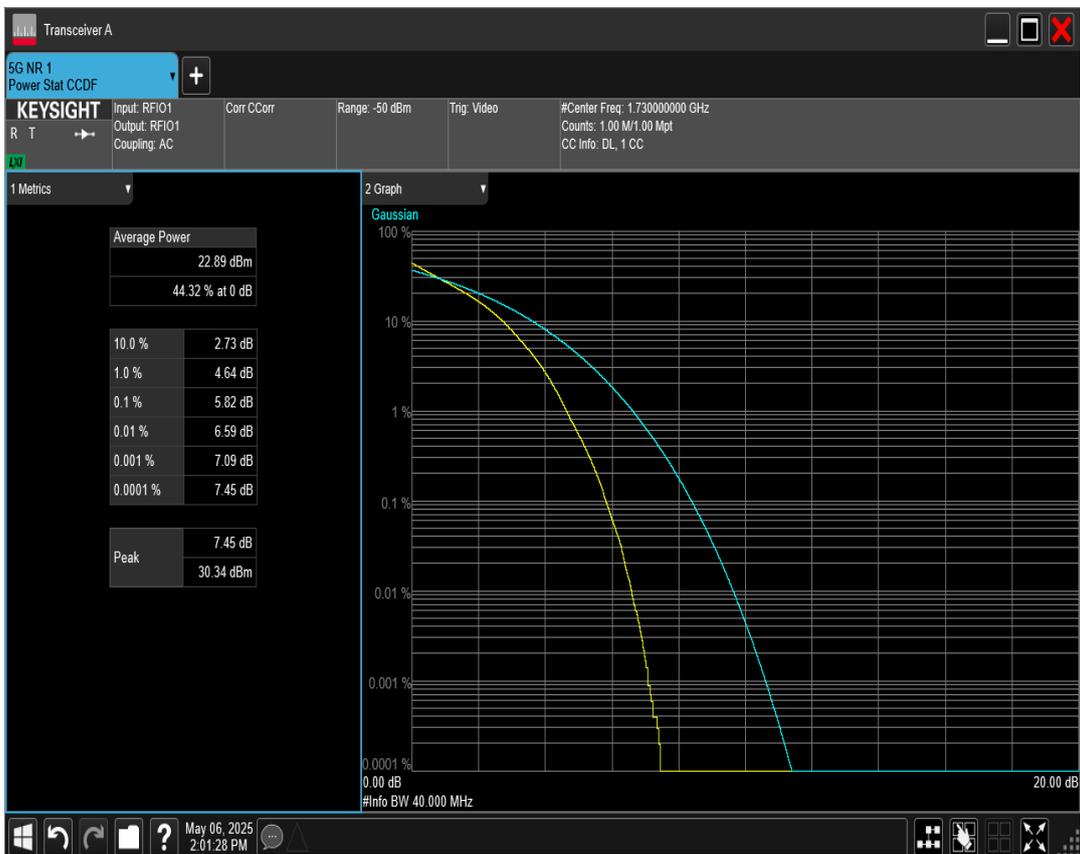
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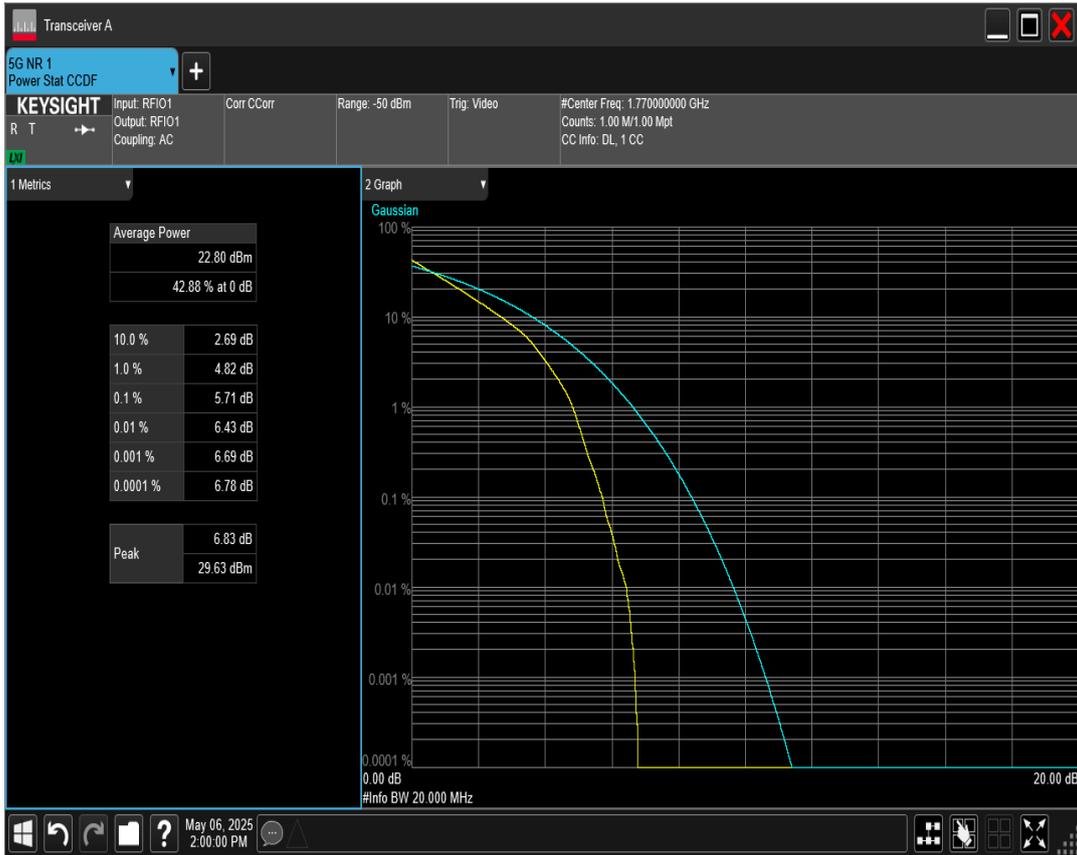
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*n66 SCS=15kHz DFT\_QPSK BW=40MHz Channel=346000 RB=216@0*



*n66 SCS=15kHz DFT\_QPSK BW=20MHz Channel=354000 RB=100@0*



## 4 Occupied bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n66	15	5	349000	25@0	DFT_BPSK	4.450	4.660	PASS
n66	15	5	349000	25@0	DFT_QPSK	4.460	4.650	PASS
n66	15	5	349000	25@0	DFT_QAM16	4.450	4.650	PASS
n66	15	5	349000	25@0	DFT_QAM64	4.450	4.610	PASS
n66	15	5	349000	25@0	DFT_QAM256	4.460	4.680	PASS
n66	15	10	349000	50@0	DFT_BPSK	9.150	9.110	PASS
n66	15	10	349000	50@0	DFT_QPSK	9.190	9.140	PASS
n66	15	10	349000	50@0	DFT_QAM16	9.210	9.110	PASS
n66	15	10	349000	50@0	DFT_QAM64	9.230	9.120	PASS
n66	15	10	349000	50@0	DFT_QAM256	9.150	9.120	PASS
n66	15	15	349000	75@0	DFT_BPSK	13.930	13.620	PASS
n66	15	15	349000	75@0	DFT_QPSK	13.980	13.660	PASS
n66	15	15	349000	75@0	DFT_QAM16	13.940	13.610	PASS
n66	15	15	349000	75@0	DFT_QAM64	13.970	13.620	PASS
n66	15	15	349000	75@0	DFT_QAM256	13.870	13.640	PASS
n66	15	20	349000	100@0	DFT_BPSK	18.780	18.130	PASS
n66	15	20	349000	100@0	DFT_QPSK	18.680	18.130	PASS
n66	15	20	349000	100@0	DFT_QAM16	18.670	18.140	PASS
n66	15	20	349000	100@0	DFT_QAM64	18.680	18.140	PASS
n66	15	20	349000	100@0	DFT_QAM256	18.600	18.160	PASS
n66	15	40	349000	216@0	DFT_BPSK	38.510	39.090	PASS
n66	15	40	349000	216@0	DFT_QPSK	38.470	39.040	PASS
n66	15	40	349000	216@0	DFT_QAM16	38.480	38.990	PASS
n66	15	40	349000	216@0	DFT_QAM64	38.420	38.980	PASS
n66	15	40	349000	216@0	DFT_QAM256	38.520	39.080	PASS

**n66 SCS=15kHz DFT\_BPSK BW=5MHz Channel=349000 RB=25@0**



**n66 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=349000 RB=50@0**



**n66 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=349000 RB=75@0**



**n66 SCS=15kHz DFT\_BPSK BW=40MHz Channel=349000 RB=216@0**



**n66 SCS=15kHz DFT\_BPSK BW=10MHz Channel=349000 RB=50@0**



**n66 SCS=15kHz DFT\_BPSK BW=15MHz Channel=349000 RB=75@0**



**n66 SCS=15kHz DFT\_BPSK BW=20MHz Channel=349000 RB=100@0**



**n66 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=349000 RB=216@0**



**n66 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=349000 RB=100@0**



**n66 SCS=15kHz DFT\_QAM256 BW=5MHz Channel=349000 RB=25@0**



**n66 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=349000 RB=75@0**



**n66 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=349000 RB=50@0**



**n66 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=349000 RB=216@0**