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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	18.97			
n66	15	5	342500	1@0	DFT_BPSK	20.89			
Sum	15					23.04	19	26	PASS
Band5	15	5	20525	8@0	QPSK	19.30			
n66	15	5	349000	12@6	DFT_BPSK	21.04			
Sum	15					23.26	19	26	PASS
Band5	15	5	20525	8@0	QPSK	19.29			
n66	15	5	349000	12@6	DFT_QPSK	21.04			
Sum	15					23.26	19	26	PASS
Band5	15	5	20625	1@17	QPSK	19.23			
n66	15	5	355500	1@24	DFT_BPSK	21.02			
Sum	15					23.22	19	26	PASS
Band5	15	5	20625	8@17	QPSK	19.24			
n66	15	5	355500	12@6	DFT_BPSK	21.07			
Sum	15					23.26	19	26	PASS
Band5	15	5	20625	1@17	QPSK	19.24			
n66	15	5	355500	1@24	DFT_QPSK	21.08			
Sum	15					23.26	19	26	PASS
Band5	15	5	20625	8@17	QPSK	19.20			
n66	15	5	355500	12@6	DFT_QPSK	21.08			
Sum	15					23.25	19	26	PASS
Band5	15	10	20450	1@0	QPSK	19.56			
n66	15	40	346000	1@0	DFT_BPSK	20.91			
Sum	15					23.29	19	26	PASS
Band5	15	10	20525	12@0	QPSK	19.36			
n66	15	40	349000	108@54	DFT_BPSK	21.11			
Sum	15					23.33	19	26	PASS
Band5	15	10	20525	12@0	QPSK	19.38			
n66	15	40	349000	108@54	DFT_QPSK	21.07			
Sum	15					23.31	19	26	PASS
Band5	15	10	20600	1@38	QPSK	19.19			
n66	15	40	352000	1@215	DFT_BPSK	20.92			
Sum	15					23.15	19	26	PASS
Band5	15	10	20600	12@38	QPSK	19.21			
n66	15	40	352000	108@54	DFT_BPSK	21.07			
Sum	15					23.24	19	26	PASS
Band5	15	10	20600	1@38	QPSK	19.18			
n66	15	40	352000	1@215	DFT_QPSK	20.95			

Sum	15					23.16	19	26	PASS
Band5	15	10	20600	12@38	QPSK	19.22			
n66	15	40	352000	108@54	DFT_QPSK	21.00			
Sum	15					23.21	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
n66	15	5	342500	12@6	DFT_BPSK	-4.85	-0.00283	-2.5	2.5	PASS
n66	15	5	342500	1@1	DFT_BPSK	-2.86	-0.00167	-2.5	2.5	PASS
n66	15	5	342500	1@23	DFT_BPSK	-5.51	-0.00322	-2.5	2.5	PASS
n66	15	5	342500	12@6	DFT_QPSK	-5.15	-0.00301	-2.5	2.5	PASS
n66	15	5	342500	1@1	DFT_QPSK	-3.88	-0.00227	-2.5	2.5	PASS
n66	15	5	342500	1@23	DFT_QPSK	-5.83	-0.00340	-2.5	2.5	PASS
n66	15	5	349000	12@6	DFT_BPSK	-2.33	-0.00134	-2.5	2.5	PASS
n66	15	5	349000	1@1	DFT_BPSK	-3.75	-0.00215	-2.5	2.5	PASS
n66	15	5	349000	1@23	DFT_BPSK	-2.27	-0.00130	-2.5	2.5	PASS
n66	15	5	349000	12@6	DFT_QPSK	-0.52	-0.00030	-2.5	2.5	PASS
n66	15	5	349000	1@1	DFT_QPSK	-2.58	-0.00148	-2.5	2.5	PASS
n66	15	5	349000	1@23	DFT_QPSK	-3.96	-0.00227	-2.5	2.5	PASS
n66	15	5	355500	12@6	DFT_BPSK	-2.77	-0.00156	-2.5	2.5	PASS
n66	15	5	355500	1@1	DFT_BPSK	-2.95	-0.00166	-2.5	2.5	PASS
n66	15	5	355500	1@23	DFT_BPSK	-4.63	-0.00260	-2.5	2.5	PASS
n66	15	5	355500	12@6	DFT_QPSK	-5.52	-0.00311	-2.5	2.5	PASS
n66	15	5	355500	1@1	DFT_QPSK	-3.65	-0.00205	-2.5	2.5	PASS
n66	15	5	355500	1@23	DFT_QPSK	-3.65	-0.00205	-2.5	2.5	PASS
n66	15	20	344000	50@25	DFT_BPSK	-8.49	-0.00494	-2.5	2.5	PASS
n66	15	20	344000	1@1	DFT_BPSK	-6.83	-0.00397	-2.5	2.5	PASS
n66	15	20	344000	1@104	DFT_BPSK	-8.94	-0.00520	-2.5	2.5	PASS
n66	15	20	344000	50@25	DFT_QPSK	-7.85	-0.00456	-2.5	2.5	PASS
n66	15	20	344000	1@1	DFT_QPSK	-8.60	-0.00500	-2.5	2.5	PASS
n66	15	20	344000	1@104	DFT_QPSK	-5.97	-0.00347	-2.5	2.5	PASS
n66	15	20	349000	50@25	DFT_BPSK	-2.38	-0.00136	-2.5	2.5	PASS
n66	15	20	349000	1@1	DFT_BPSK	-3.10	-0.00178	-2.5	2.5	PASS
n66	15	20	349000	1@104	DFT_BPSK	-2.81	-0.00161	-2.5	2.5	PASS
n66	15	20	349000	50@25	DFT_QPSK	-1.60	-0.00092	-2.5	2.5	PASS
n66	15	20	349000	1@1	DFT_QPSK	-3.81	-0.00218	-2.5	2.5	PASS
n66	15	20	349000	1@104	DFT_QPSK	-2.74	-0.00157	-2.5	2.5	PASS
n66	15	20	354000	50@25	DFT_BPSK	-2.17	-0.00123	-2.5	2.5	PASS
n66	15	20	354000	1@1	DFT_BPSK	-4.17	-0.00236	-2.5	2.5	PASS
n66	15	20	354000	1@104	DFT_BPSK	-2.76	-0.00156	-2.5	2.5	PASS
n66	15	20	354000	50@25	DFT_QPSK	-2.99	-0.00169	-2.5	2.5	PASS
n66	15	20	354000	1@1	DFT_QPSK	-5.12	-0.00289	-2.5	2.5	PASS
n66	15	20	354000	1@104	DFT_QPSK	-5.41	-0.00306	-2.5	2.5	PASS
n66	15	40	346000	108@54	DFT_BPSK	-0.66	-0.00038	-2.5	2.5	PASS
n66	15	40	346000	1@1	DFT_BPSK	0.48	0.00028	-2.5	2.5	PASS
n66	15	40	346000	1@214	DFT_BPSK	-0.15	-0.00009	-2.5	2.5	PASS

n66	15	40	346000	108@54	DFT_QPSK	0.09	0.00005	-2.5	2.5	PASS
n66	15	40	346000	1@1	DFT_QPSK	0.00	0.00000	-2.5	2.5	PASS
n66	15	40	346000	1@214	DFT_QPSK	-0.30	-0.00017	-2.5	2.5	PASS
n66	15	40	349000	108@54	DFT_BPSK	-1.36	-0.00078	-2.5	2.5	PASS
n66	15	40	349000	1@1	DFT_BPSK	-2.80	-0.00160	-2.5	2.5	PASS
n66	15	40	349000	1@214	DFT_BPSK	-2.26	-0.00130	-2.5	2.5	PASS
n66	15	40	349000	108@54	DFT_QPSK	-2.41	-0.00138	-2.5	2.5	PASS
n66	15	40	349000	1@1	DFT_QPSK	-1.42	-0.00081	-2.5	2.5	PASS
n66	15	40	349000	1@214	DFT_QPSK	-0.59	-0.00034	-2.5	2.5	PASS
n66	15	40	352000	108@54	DFT_BPSK	-1.93	-0.00110	-2.5	2.5	PASS
n66	15	40	352000	1@1	DFT_BPSK	-2.51	-0.00143	-2.5	2.5	PASS
n66	15	40	352000	1@214	DFT_BPSK	-3.10	-0.00176	-2.5	2.5	PASS
n66	15	40	352000	108@54	DFT_QPSK	-1.96	-0.00111	-2.5	2.5	PASS
n66	15	40	352000	1@1	DFT_QPSK	-3.08	-0.00175	-2.5	2.5	PASS
n66	15	40	352000	1@214	DFT_QPSK	-1.59	-0.00090	-2.5	2.5	PASS

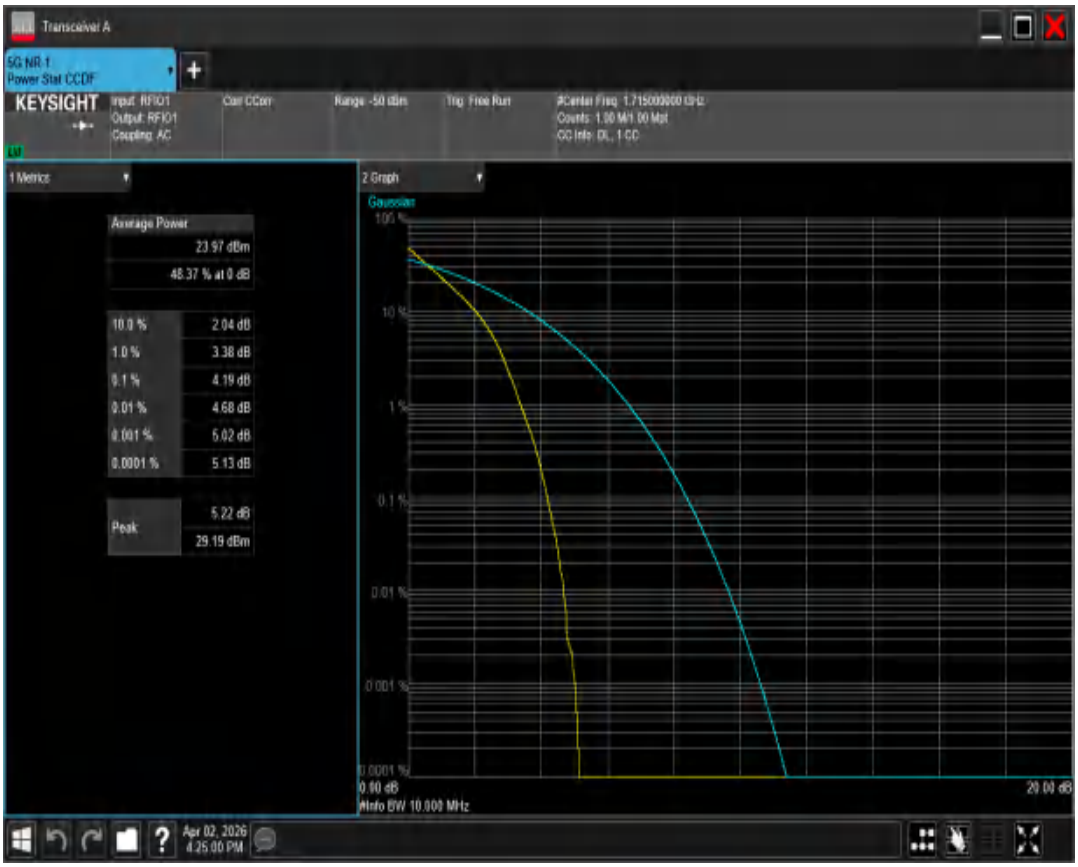
Note: (Voltage: 3.92V, Temperature: 25°C) only reflect the worst mode.

3 Peak-to-Average Ratio for EN-DC

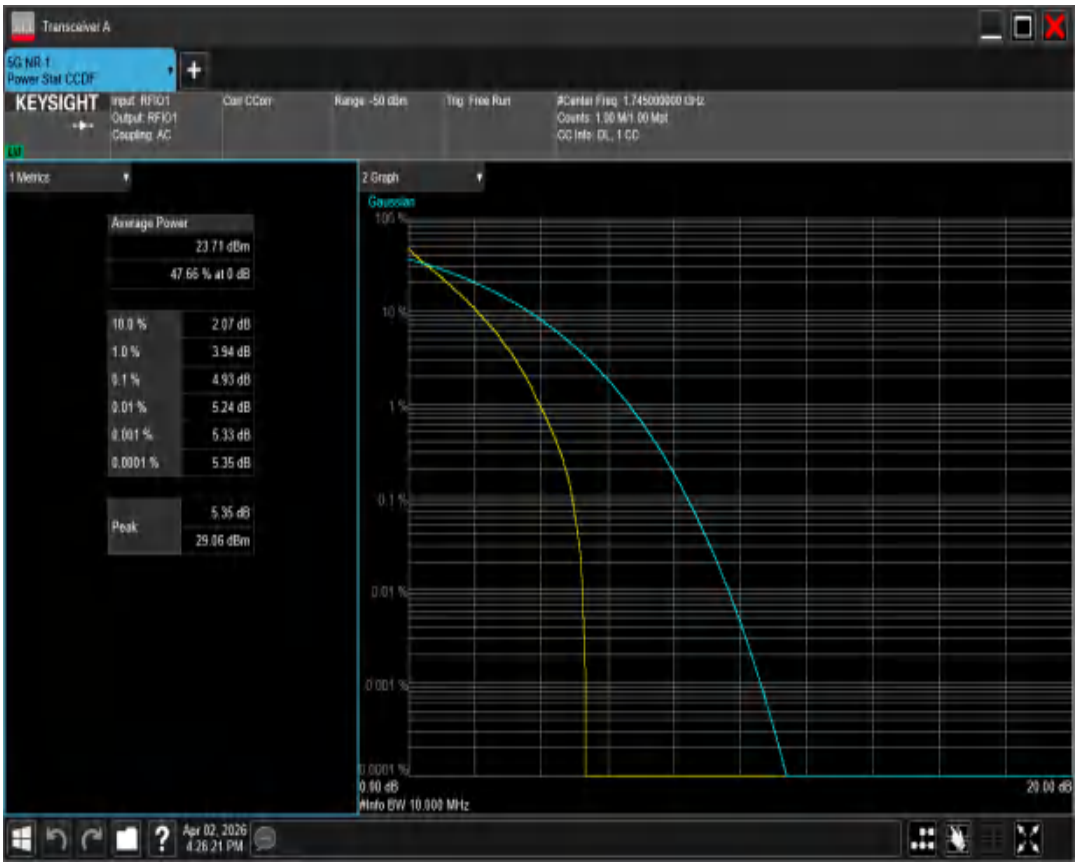
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n66	15	5	342500	25@0	DFT_BPSK	4.13	13	PASS
n66	15	5	342500	25@0	DFT_QPSK	5.10	13	PASS
n66	15	5	342500	25@0	DFT_QAM16	5.94	13	PASS
n66	15	5	342500	25@0	DFT_QAM64	6.37	13	PASS
n66	15	5	342500	25@0	DFT_QAM256	7.01	13	PASS
n66	15	5	349000	25@0	DFT_BPSK	5.17	13	PASS
n66	15	5	349000	25@0	DFT_QPSK	5.60	13	PASS
n66	15	5	349000	25@0	DFT_QAM16	6.30	13	PASS
n66	15	5	349000	25@0	DFT_QAM64	6.57	13	PASS
n66	15	5	349000	25@0	DFT_QAM256	6.96	13	PASS
n66	15	5	355500	25@0	DFT_BPSK	4.45	13	PASS
n66	15	5	355500	25@0	DFT_QPSK	5.16	13	PASS
n66	15	5	355500	25@0	DFT_QAM16	6.02	13	PASS
n66	15	5	355500	25@0	DFT_QAM64	6.47	13	PASS
n66	15	5	355500	25@0	DFT_QAM256	7.02	13	PASS
n66	15	10	343000	50@0	DFT_BPSK	4.19	13	PASS
n66	15	10	343000	50@0	DFT_QPSK	5.23	13	PASS
n66	15	10	343000	50@0	DFT_QAM16	5.95	13	PASS
n66	15	10	343000	50@0	DFT_QAM64	6.35	13	PASS
n66	15	10	343000	50@0	DFT_QAM256	6.81	13	PASS
n66	15	10	349000	50@0	DFT_BPSK	4.93	13	PASS
n66	15	10	349000	50@0	DFT_QPSK	5.35	13	PASS
n66	15	10	349000	50@0	DFT_QAM16	6.12	13	PASS
n66	15	10	349000	50@0	DFT_QAM64	6.42	13	PASS
n66	15	10	349000	50@0	DFT_QAM256	6.84	13	PASS
n66	15	10	355000	50@0	DFT_BPSK	4.56	13	PASS
n66	15	10	355000	50@0	DFT_QPSK	5.25	13	PASS
n66	15	10	355000	50@0	DFT_QAM16	6.07	13	PASS
n66	15	10	355000	50@0	DFT_QAM64	6.27	13	PASS
n66	15	10	355000	50@0	DFT_QAM256	6.87	13	PASS
n66	15	15	343500	75@0	DFT_BPSK	4.55	13	PASS
n66	15	15	343500	75@0	DFT_QPSK	5.20	13	PASS
n66	15	15	343500	75@0	DFT_QAM16	6.14	13	PASS
n66	15	15	343500	75@0	DFT_QAM64	6.34	13	PASS
n66	15	15	343500	75@0	DFT_QAM256	6.73	13	PASS
n66	15	15	349000	75@0	DFT_BPSK	4.45	13	PASS
n66	15	15	349000	75@0	DFT_QPSK	5.44	13	PASS
n66	15	15	349000	75@0	DFT_QAM16	6.37	13	PASS
n66	15	15	349000	75@0	DFT_QAM64	6.50	13	PASS

n66	15	15	349000	75@0	DFT_QAM256	6.86	13	PASS
n66	15	15	354500	75@0	DFT_BPSK	4.72	13	PASS
n66	15	15	354500	75@0	DFT_QPSK	5.27	13	PASS
n66	15	15	354500	75@0	DFT_QAM16	6.09	13	PASS
n66	15	15	354500	75@0	DFT_QAM64	6.43	13	PASS
n66	15	15	354500	75@0	DFT_QAM256	6.76	13	PASS
n66	15	20	344000	100@0	DFT_BPSK	4.28	13	PASS
n66	15	20	344000	100@0	DFT_QPSK	5.43	13	PASS
n66	15	20	344000	100@0	DFT_QAM16	6.20	13	PASS
n66	15	20	344000	100@0	DFT_QAM64	6.50	13	PASS
n66	15	20	344000	100@0	DFT_QAM256	6.76	13	PASS
n66	15	20	349000	100@0	DFT_BPSK	5.60	13	PASS
n66	15	20	349000	100@0	DFT_QPSK	5.68	13	PASS
n66	15	20	349000	100@0	DFT_QAM16	6.31	13	PASS
n66	15	20	349000	100@0	DFT_QAM64	6.55	13	PASS
n66	15	20	349000	100@0	DFT_QAM256	6.85	13	PASS
n66	15	20	354000	100@0	DFT_BPSK	7.60	13	PASS
n66	15	20	354000	100@0	DFT_QPSK	7.83	13	PASS
n66	15	20	354000	100@0	DFT_QAM16	8.27	13	PASS
n66	15	20	354000	100@0	DFT_QAM64	8.21	13	PASS
n66	15	20	354000	100@0	DFT_QAM256	8.41	13	PASS
n66	15	40	346000	216@0	DFT_BPSK	4.30	13	PASS
n66	15	40	346000	216@0	DFT_QPSK	5.40	13	PASS
n66	15	40	346000	216@0	DFT_QAM16	6.17	13	PASS
n66	15	40	346000	216@0	DFT_QAM64	6.42	13	PASS
n66	15	40	346000	216@0	DFT_QAM256	6.72	13	PASS
n66	15	40	349000	216@0	DFT_BPSK	4.43	13	PASS
n66	15	40	349000	216@0	DFT_QPSK	5.36	13	PASS
n66	15	40	349000	216@0	DFT_QAM16	6.24	13	PASS
n66	15	40	349000	216@0	DFT_QAM64	6.41	13	PASS
n66	15	40	349000	216@0	DFT_QAM256	6.84	13	PASS
n66	15	40	352000	216@0	DFT_BPSK	4.57	13	PASS
n66	15	40	352000	216@0	DFT_QPSK	5.42	13	PASS
n66	15	40	352000	216@0	DFT_QAM16	6.20	13	PASS
n66	15	40	352000	216@0	DFT_QAM64	6.33	13	PASS
n66	15	40	352000	216@0	DFT_QAM256	6.81	13	PASS

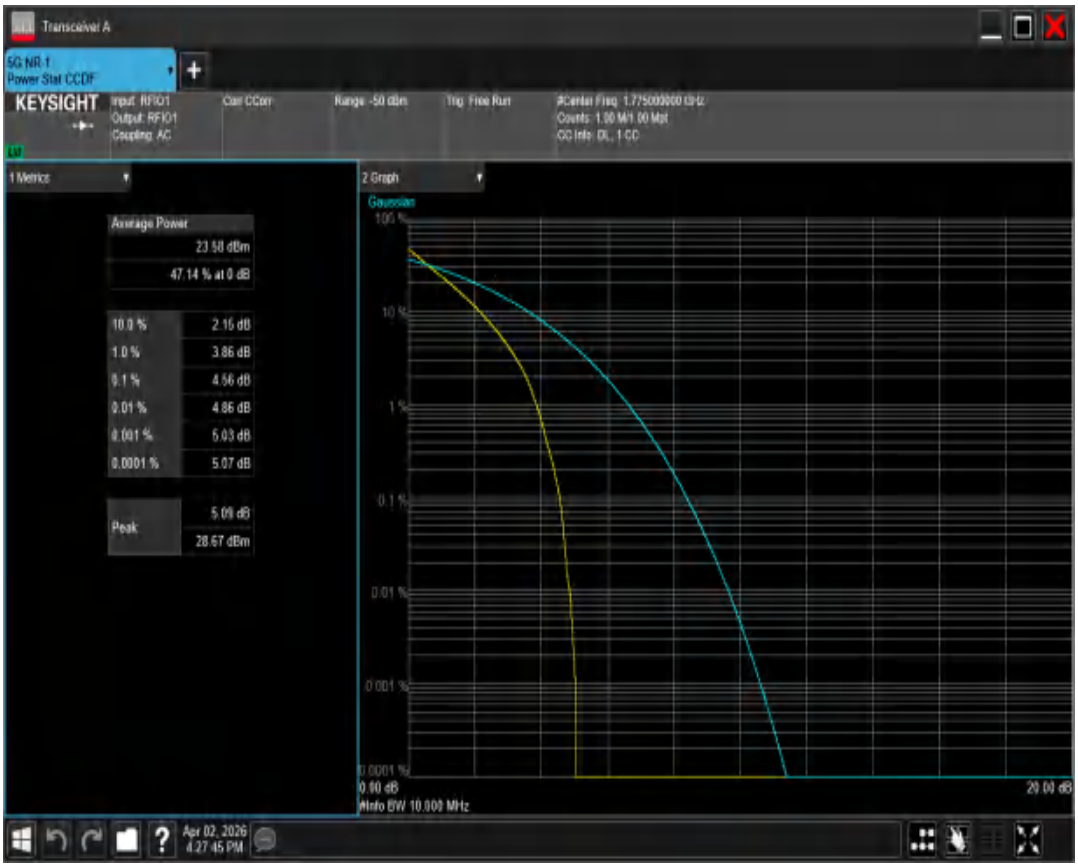
n66 SCS=15kHz DFT_BPSK BW=10MHz Channel=343000 RB=50@0



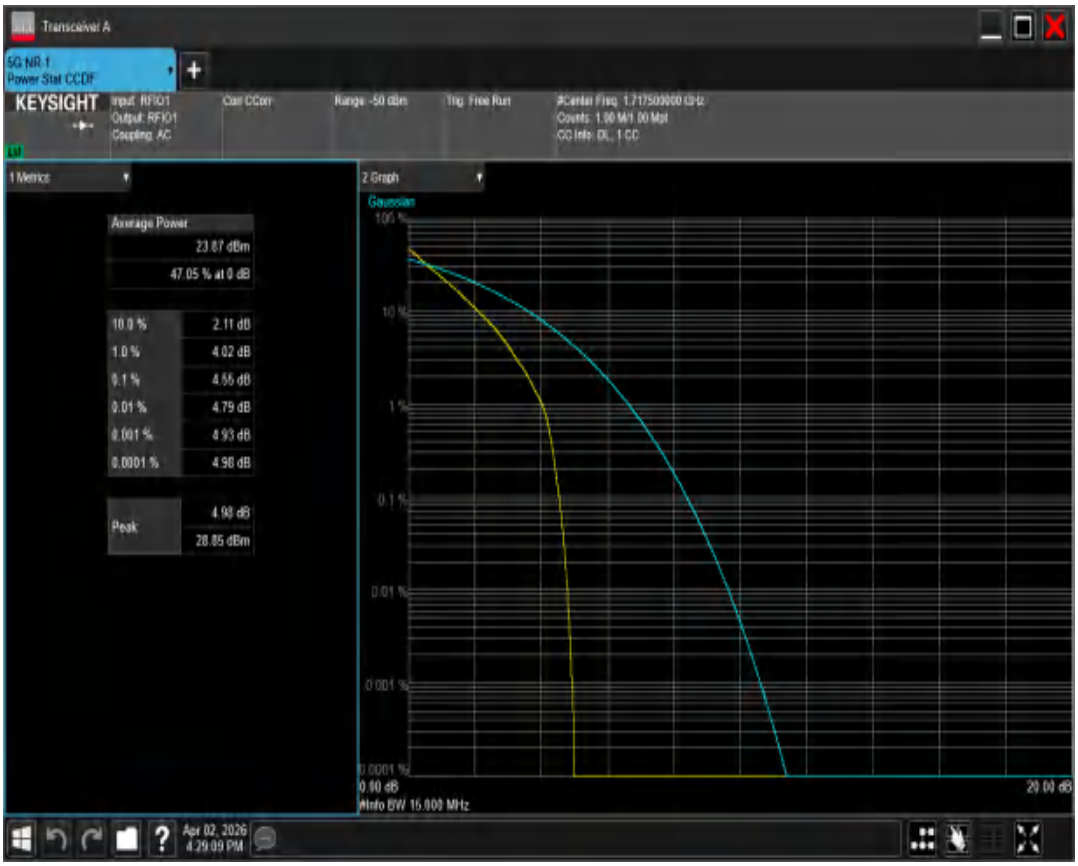
n66 SCS=15kHz DFT_BPSK BW=10MHz Channel=349000 RB=50@0



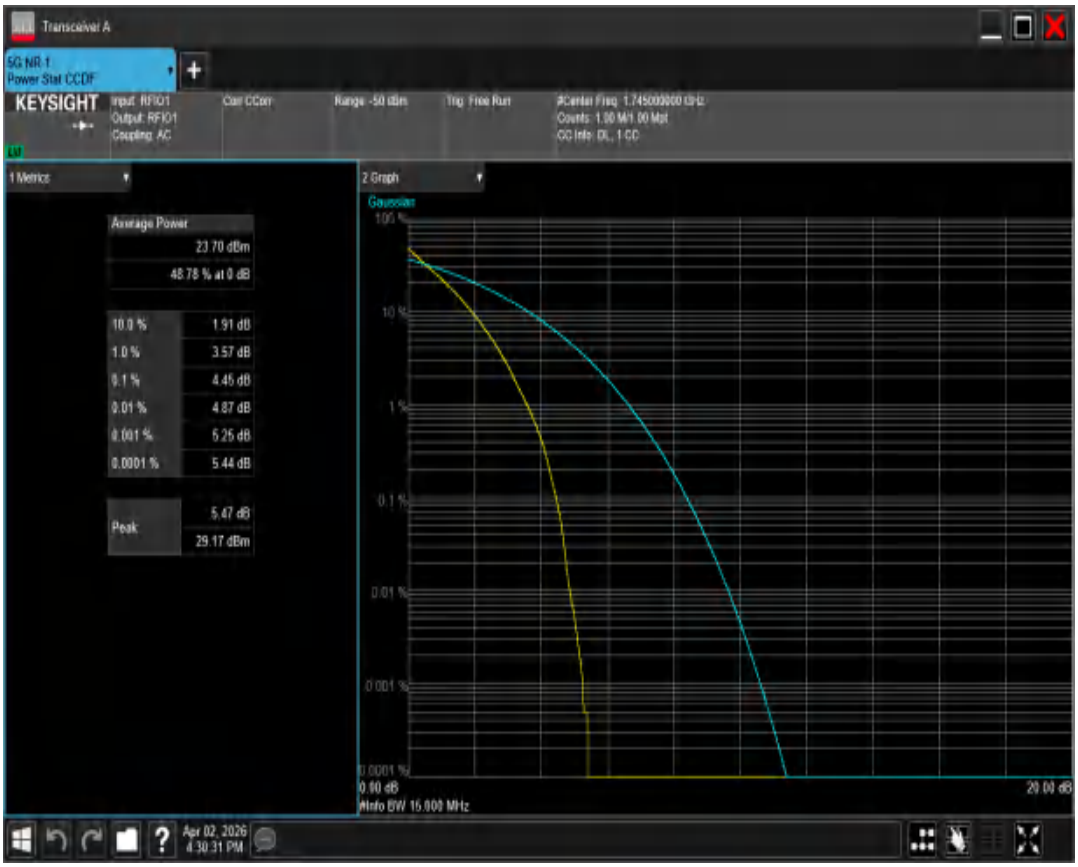
n66 SCS=15kHz DFT_BPSK BW=10MHz Channel=355000 RB=50@0



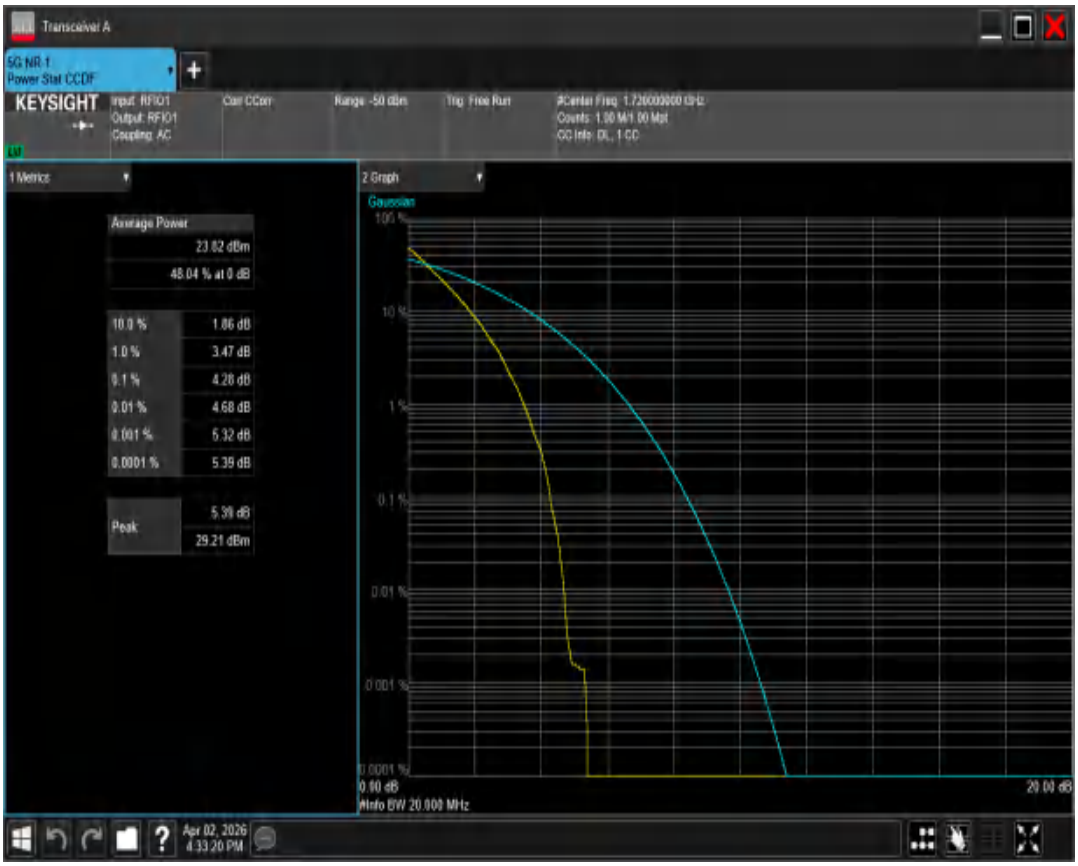
n66 SCS=15kHz DFT_BPSK BW=15MHz Channel=343500 RB=75@0



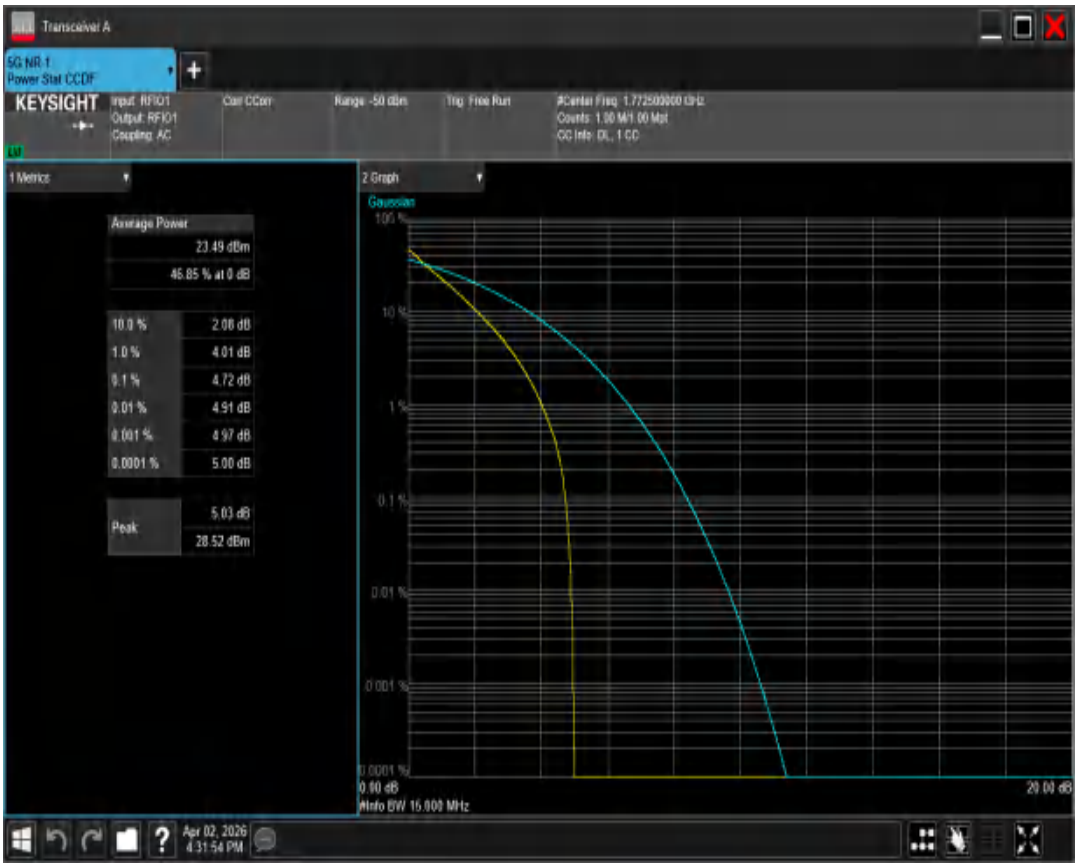
n66 SCS=15kHz DFT_BPSK BW=15MHz Channel=349000 RB=75@0



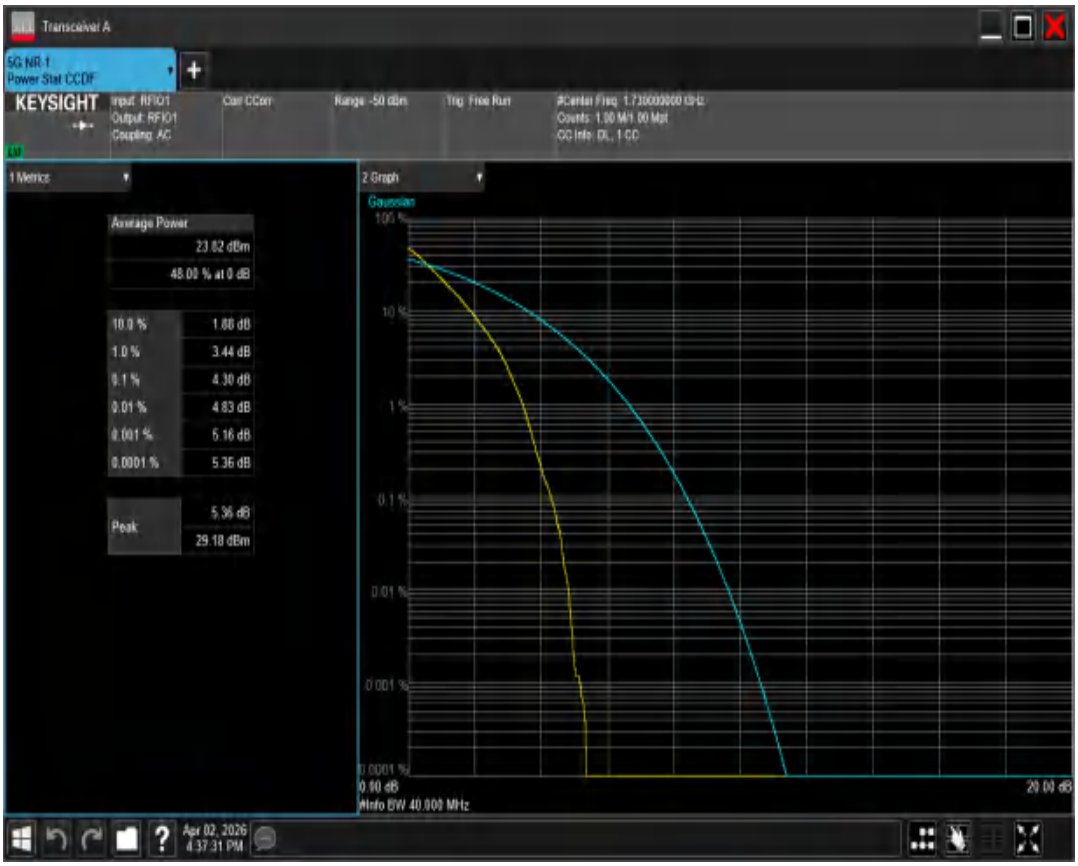
n66 SCS=15kHz DFT_BPSK BW=20MHz Channel=344000 RB=100@0



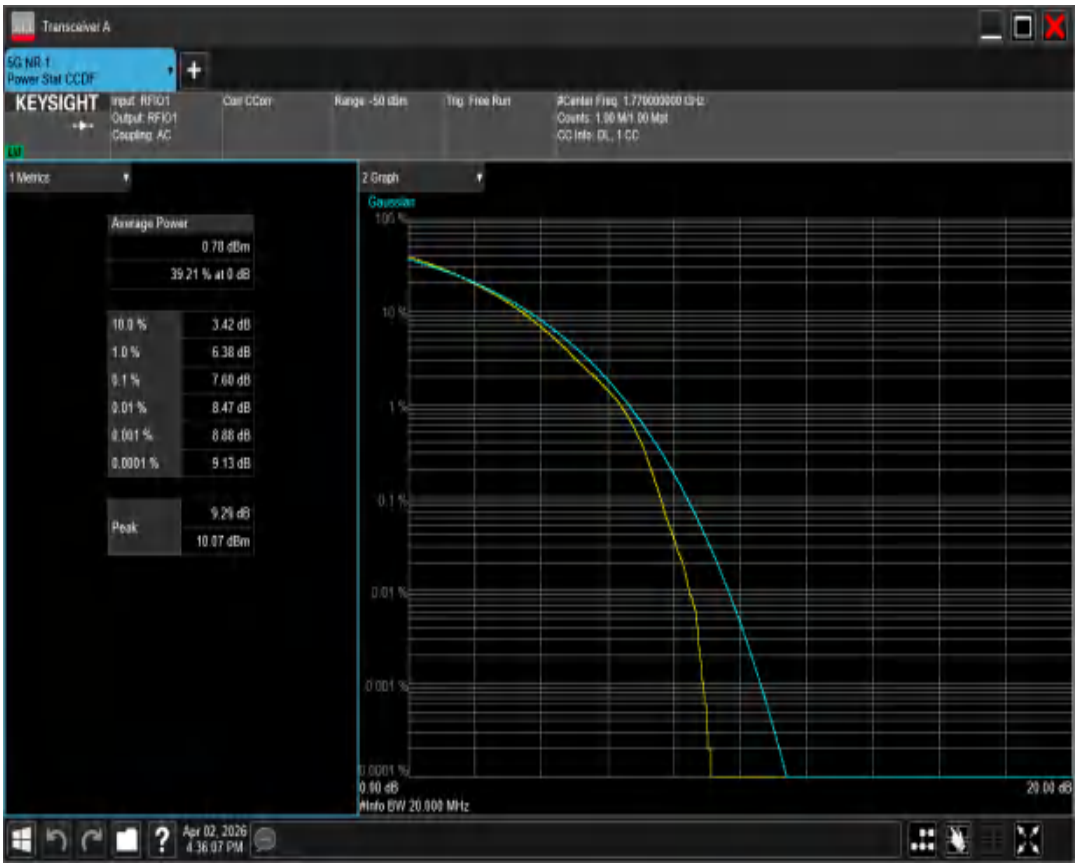
n66 SCS=15kHz DFT_BPSK BW=15MHz Channel=354500 RB=75@0



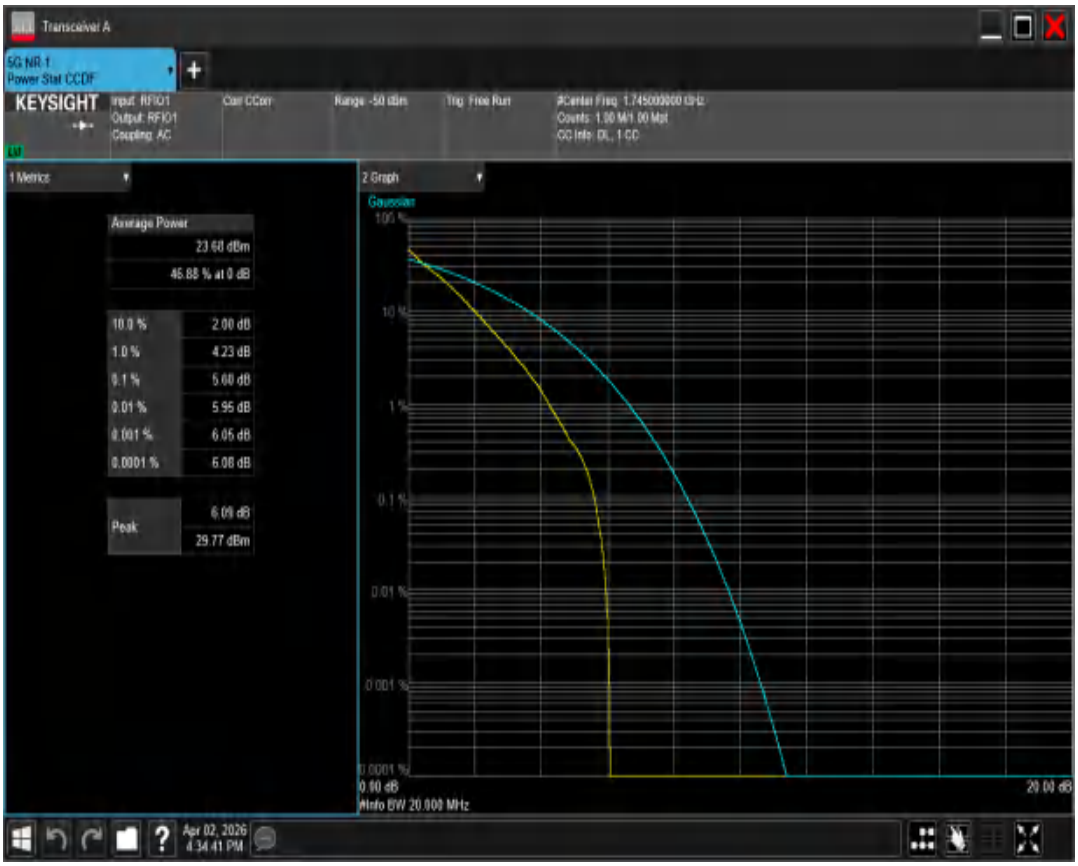
n66 SCS=15kHz DFT_BPSK BW=40MHz Channel=346000 RB=216@0



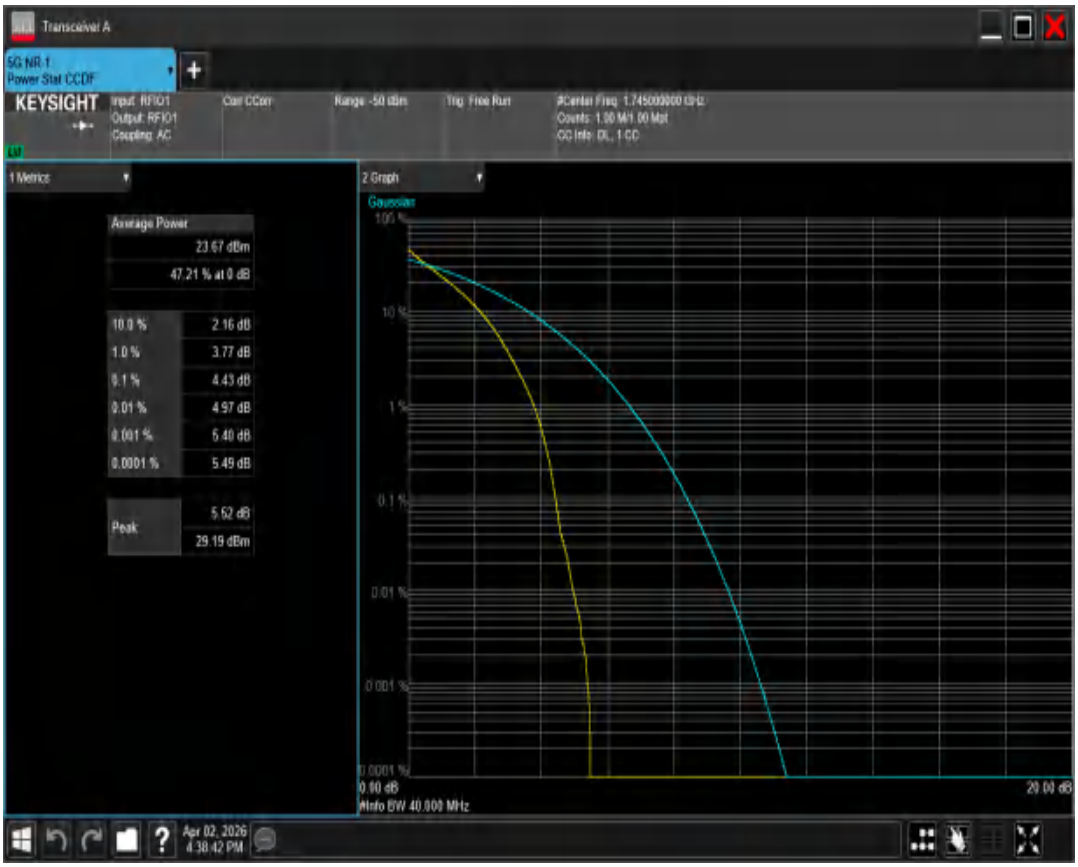
n66 SCS=15kHz DFT_BPSK BW=20MHz Channel=354000 RB=100@0



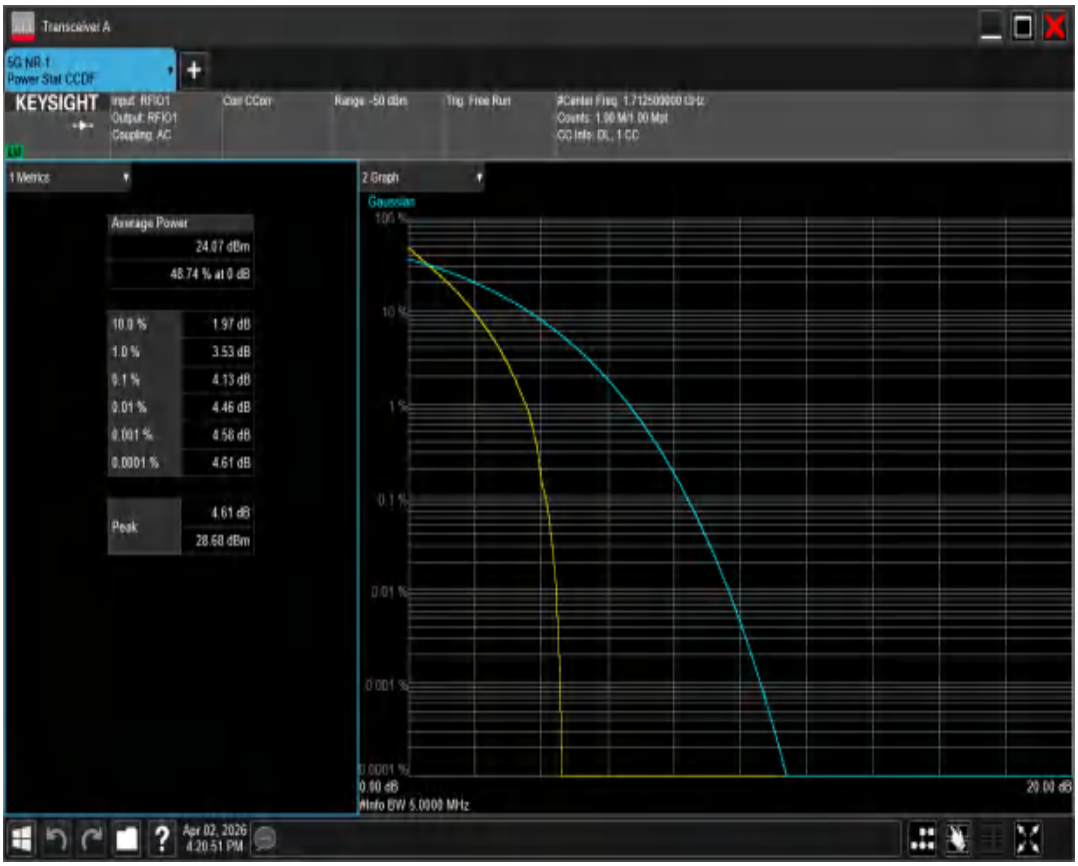
n66 SCS=15kHz DFT_BPSK BW=20MHz Channel=349000 RB=100@0



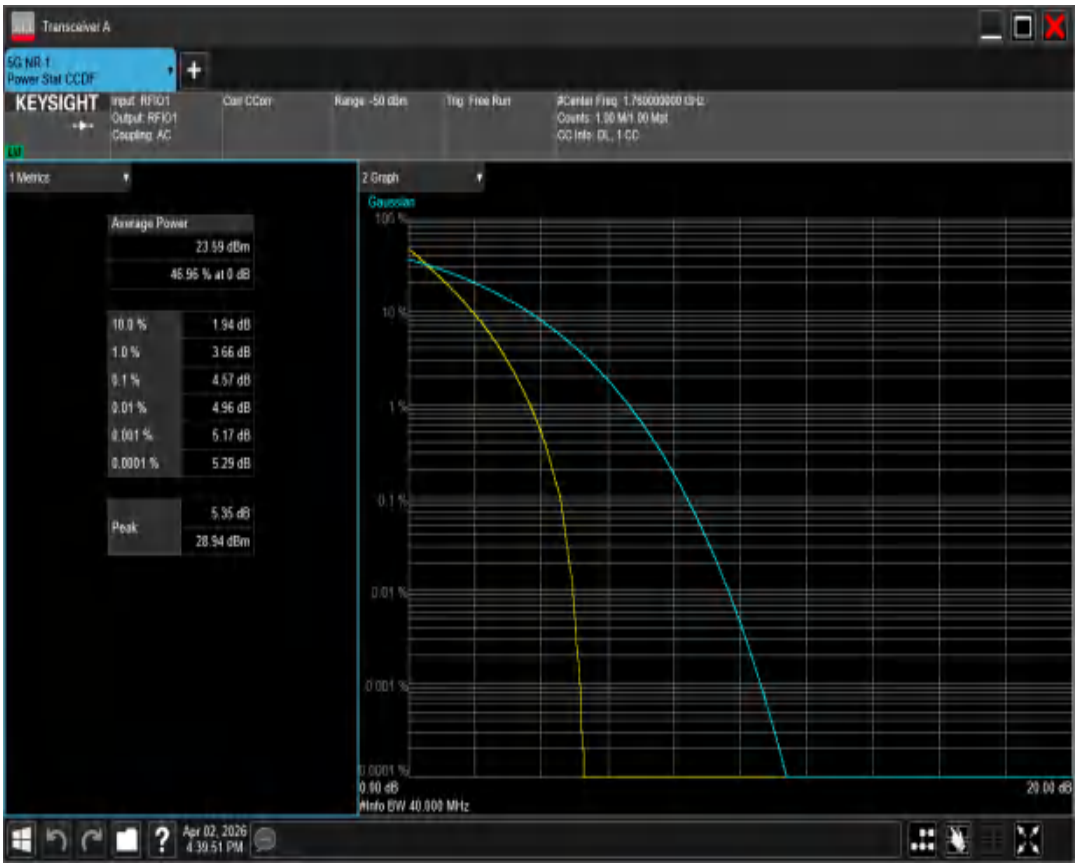
n66 SCS=15kHz DFT_BPSK BW=40MHz Channel=349000 RB=216@0



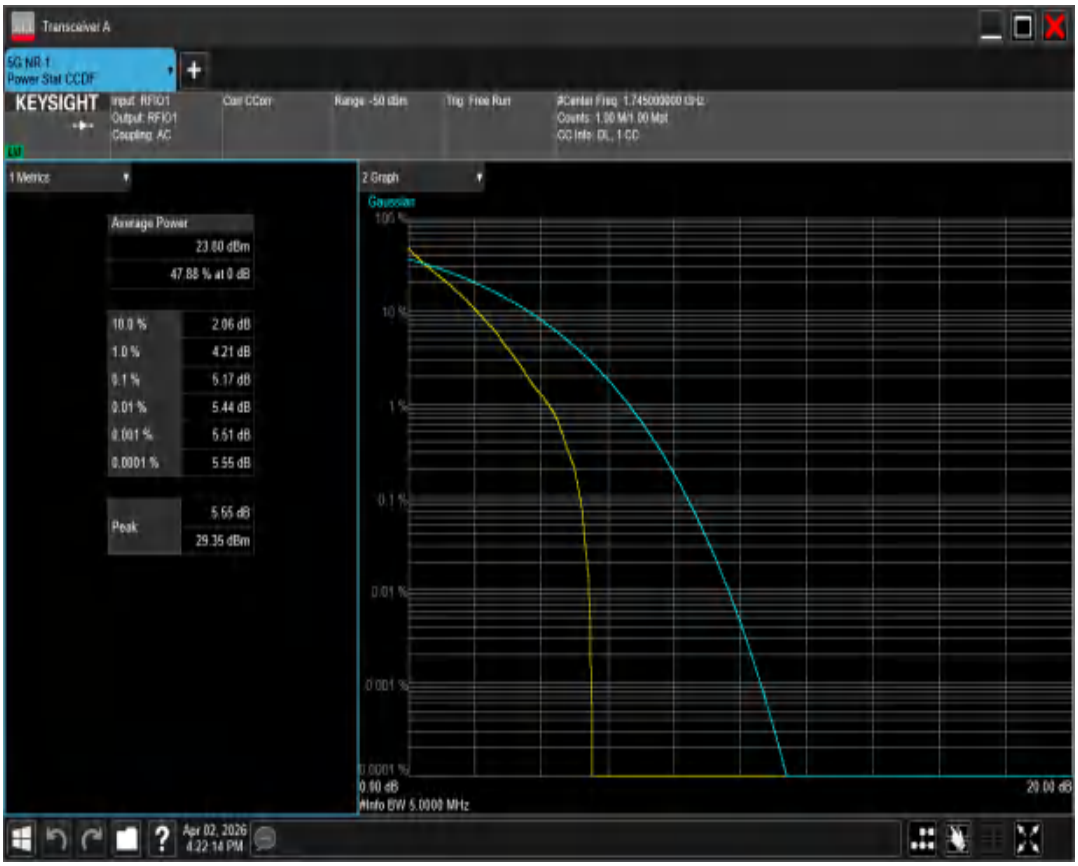
n66 SCS=15kHz DFT_BPSK BW=5MHz Channel=342500 RB=25@0



n66 SCS=15kHz DFT_BPSK BW=40MHz Channel=352000 RB=216@0



n66 SCS=15kHz DFT_BPSK BW=5MHz Channel=349000 RB=25@0



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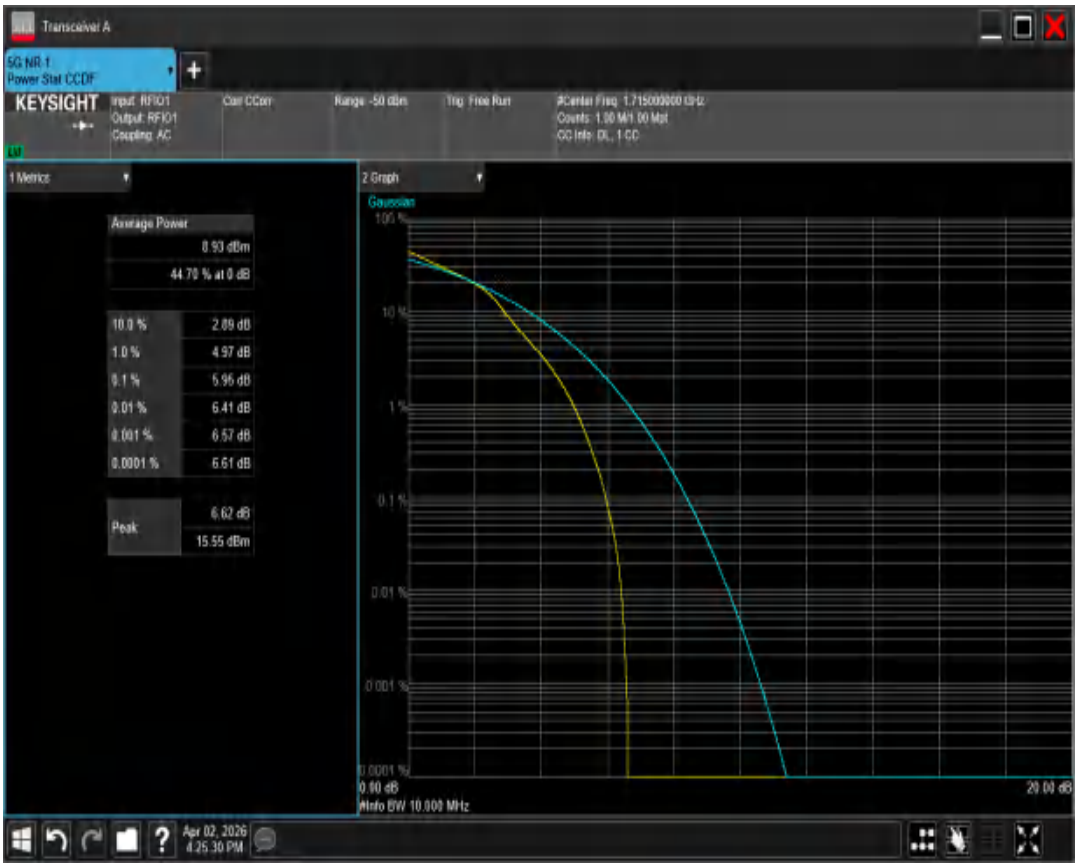

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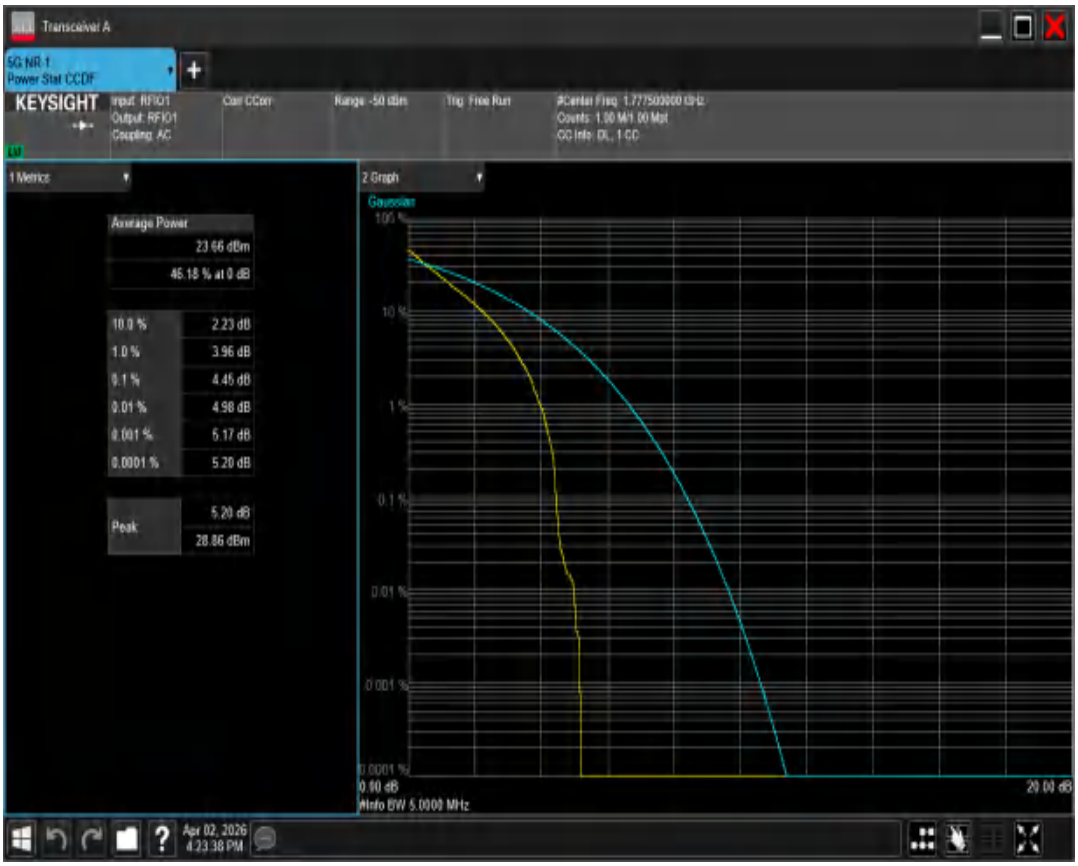

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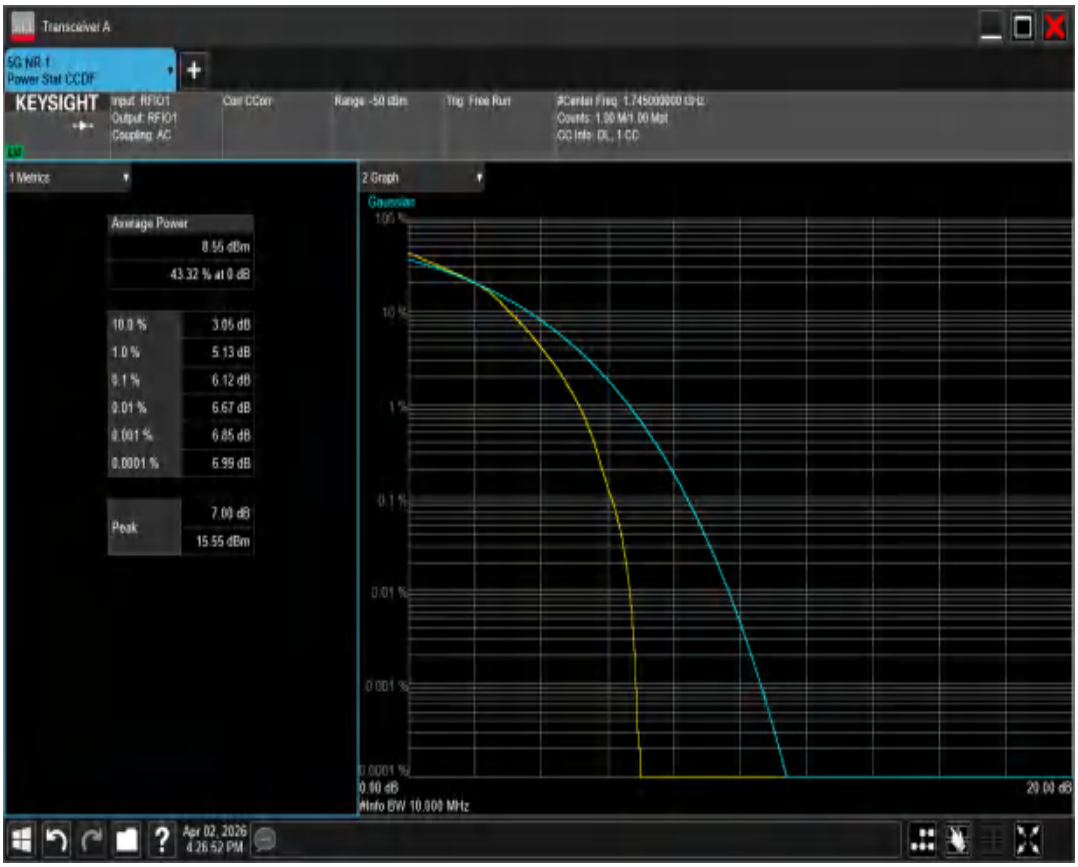

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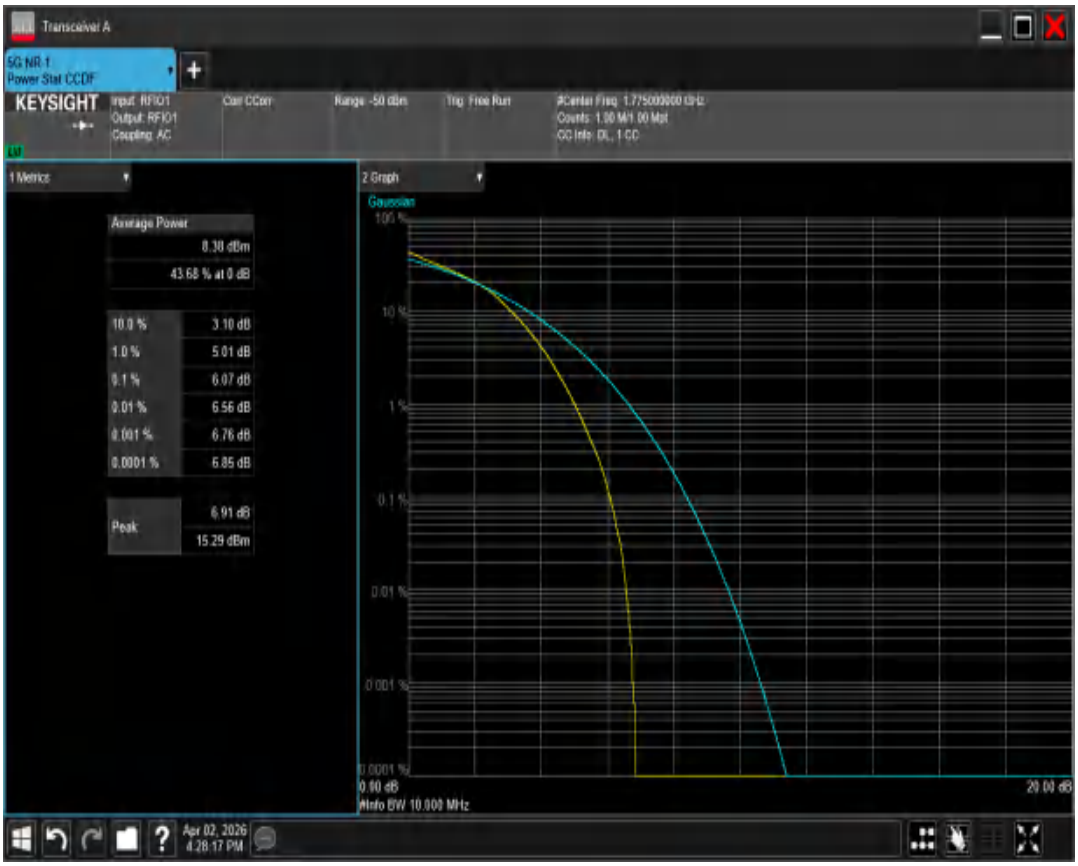

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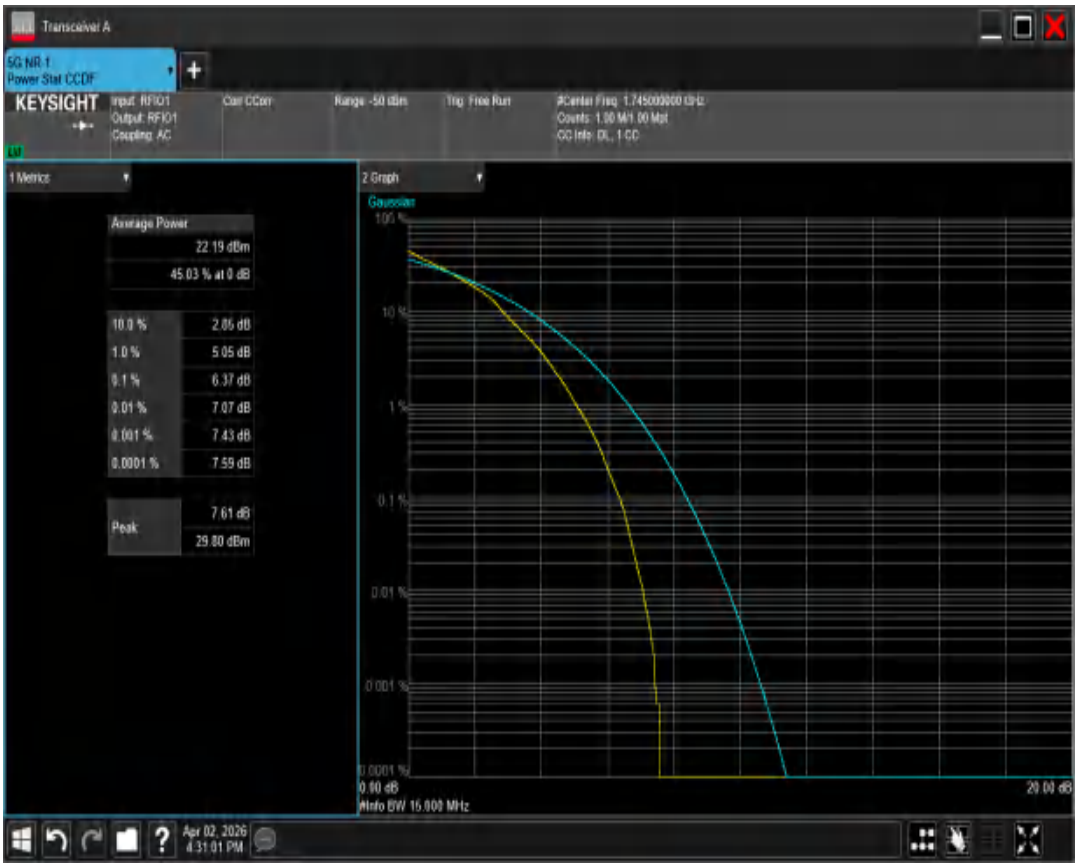

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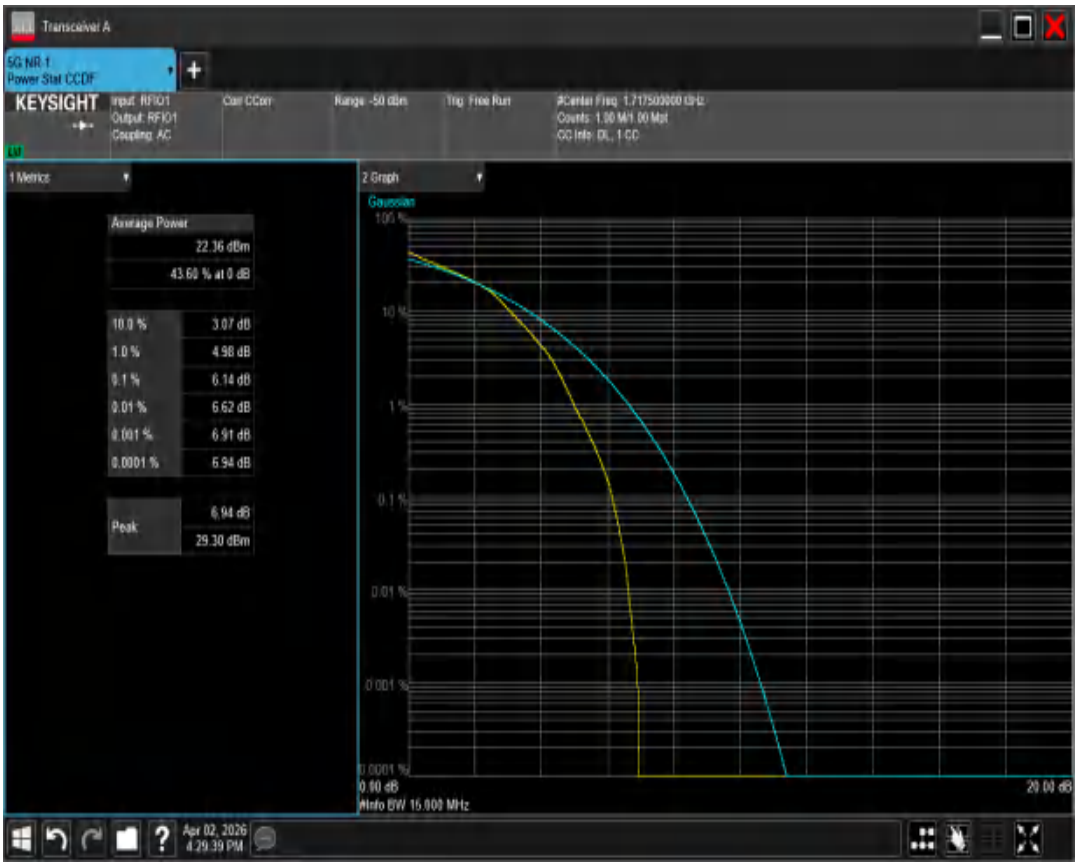

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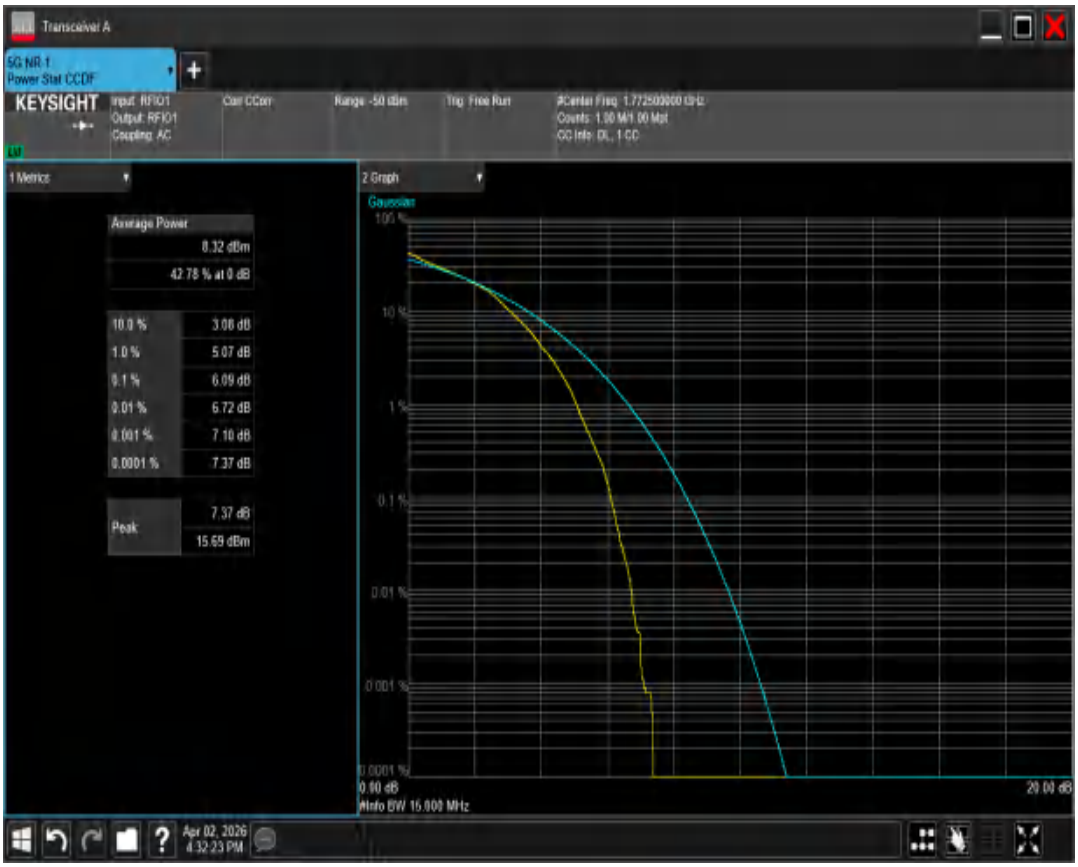

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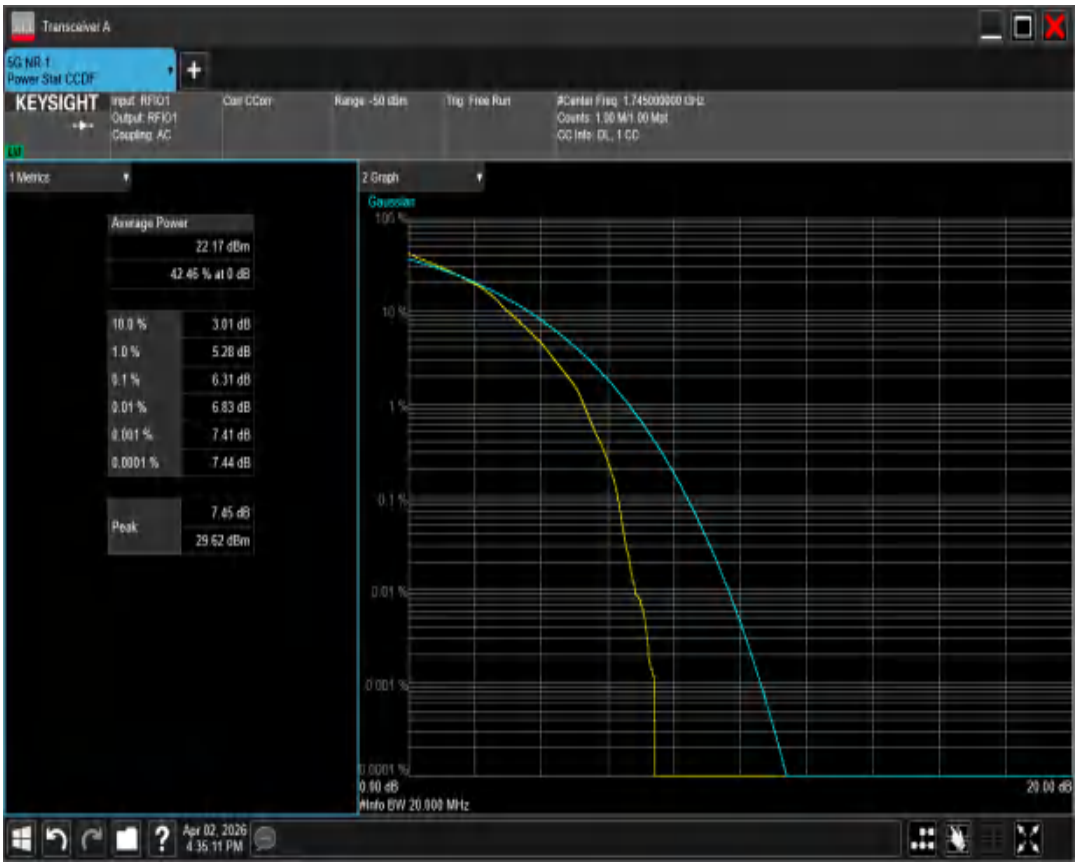

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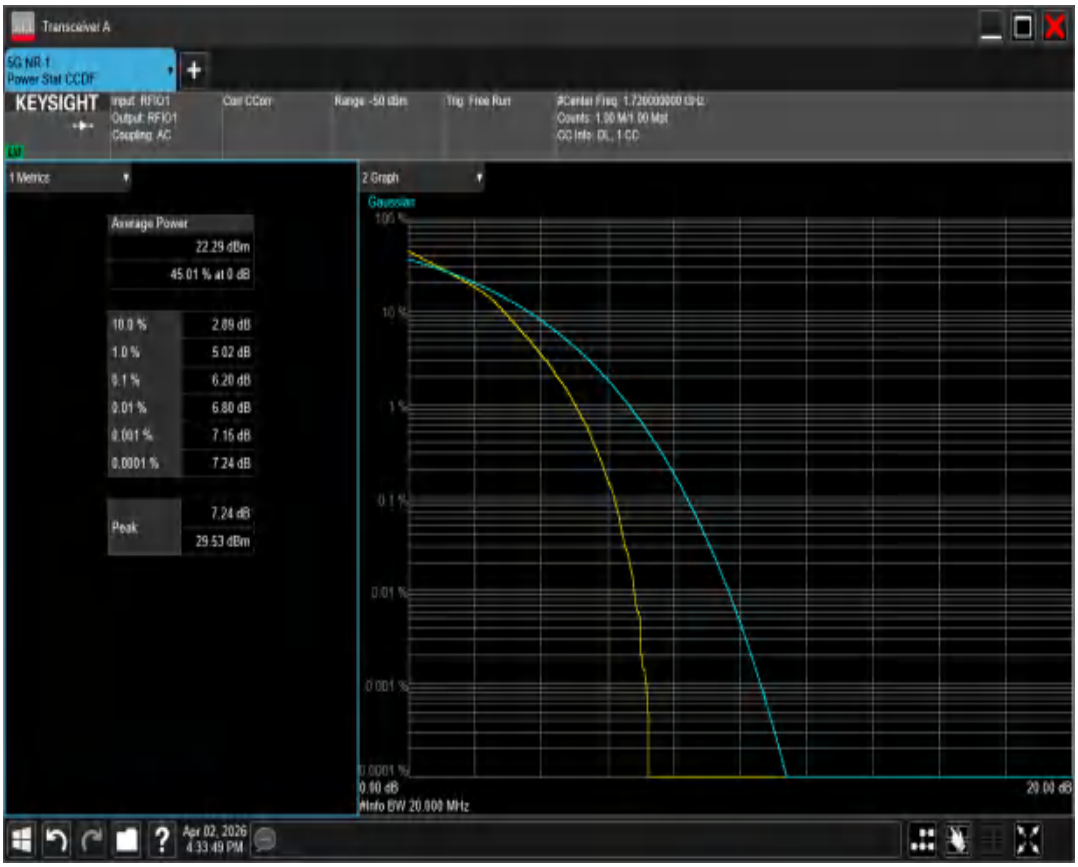
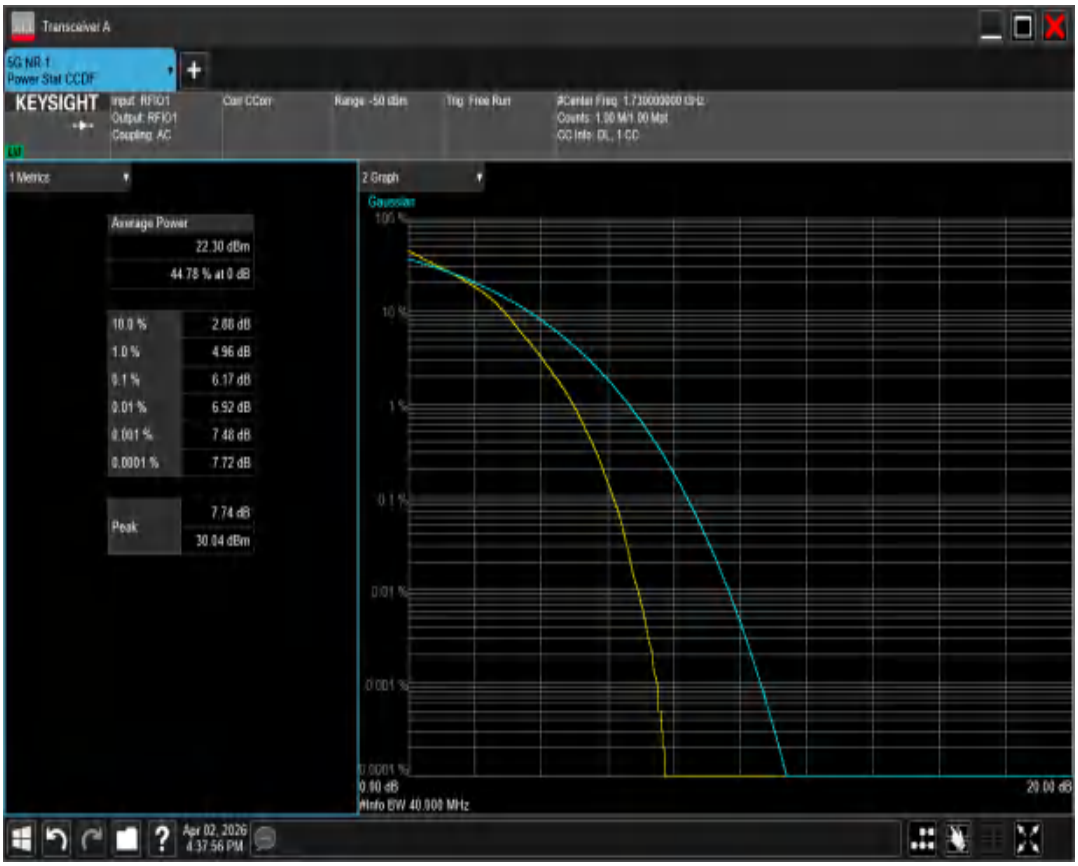


n66 SCS=15kHz DFT_QAM16 BW=40MHz Channel=346000 RB=216@0



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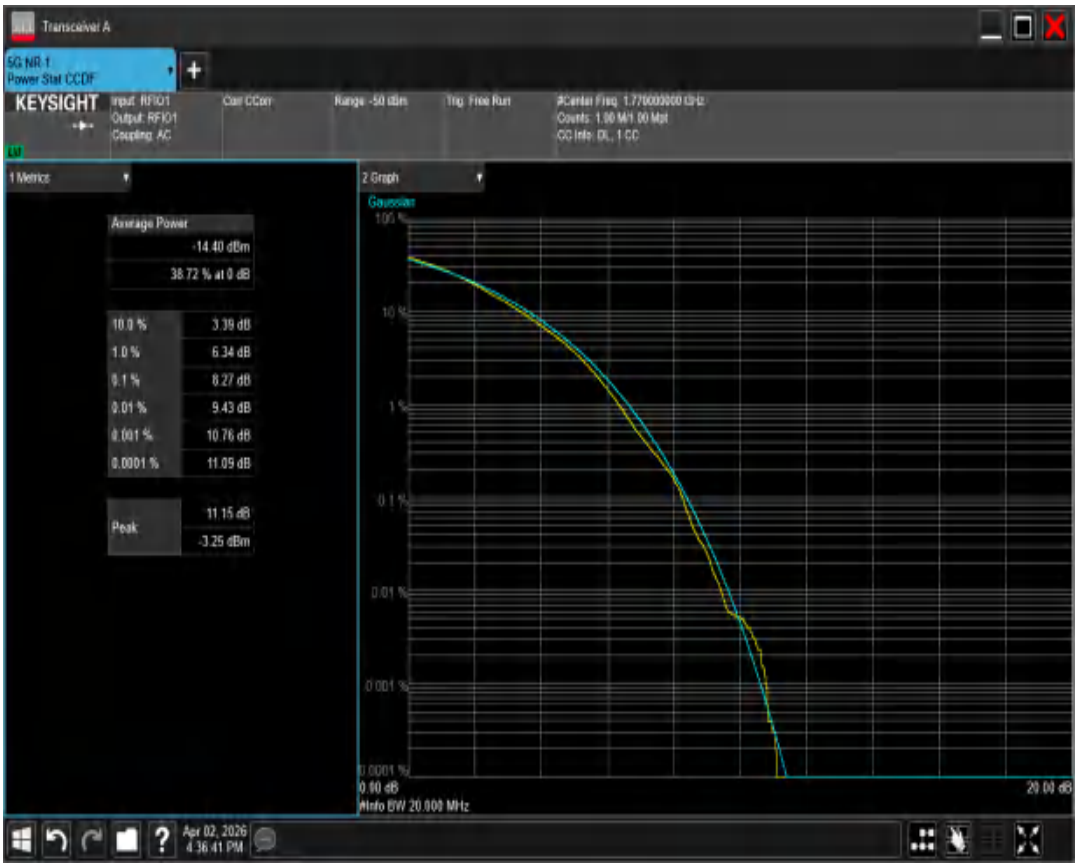

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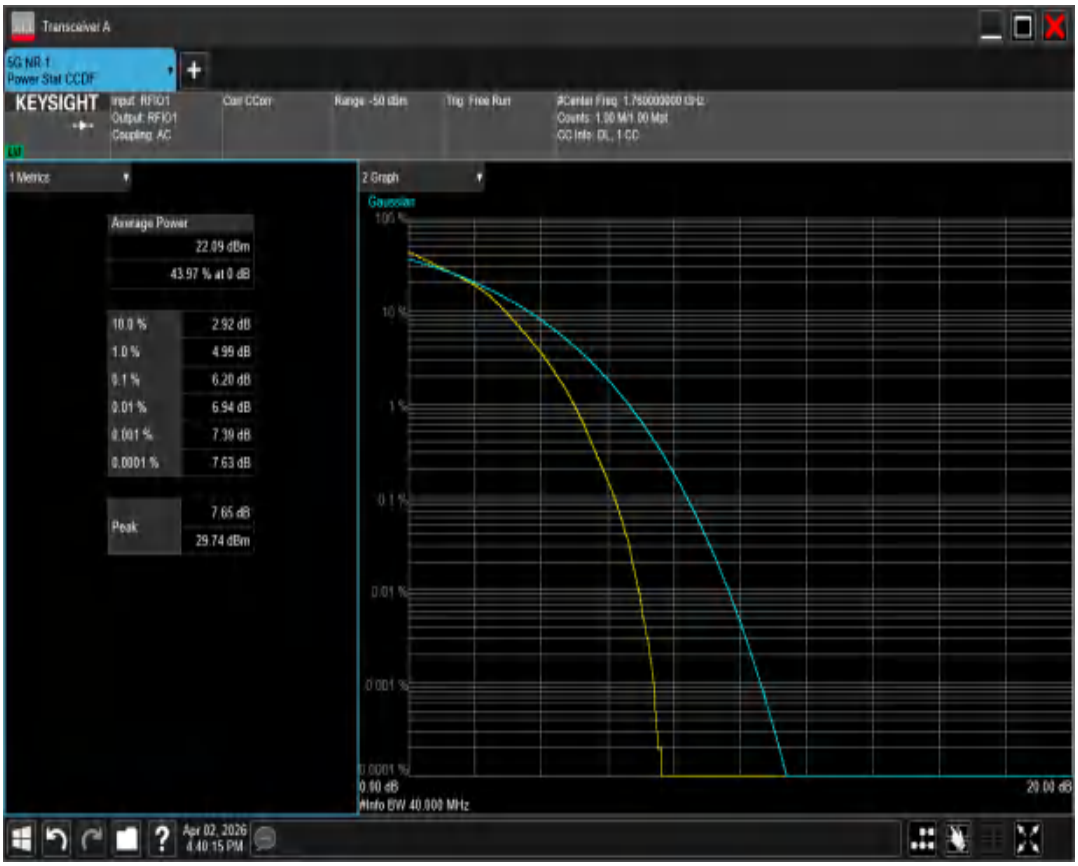
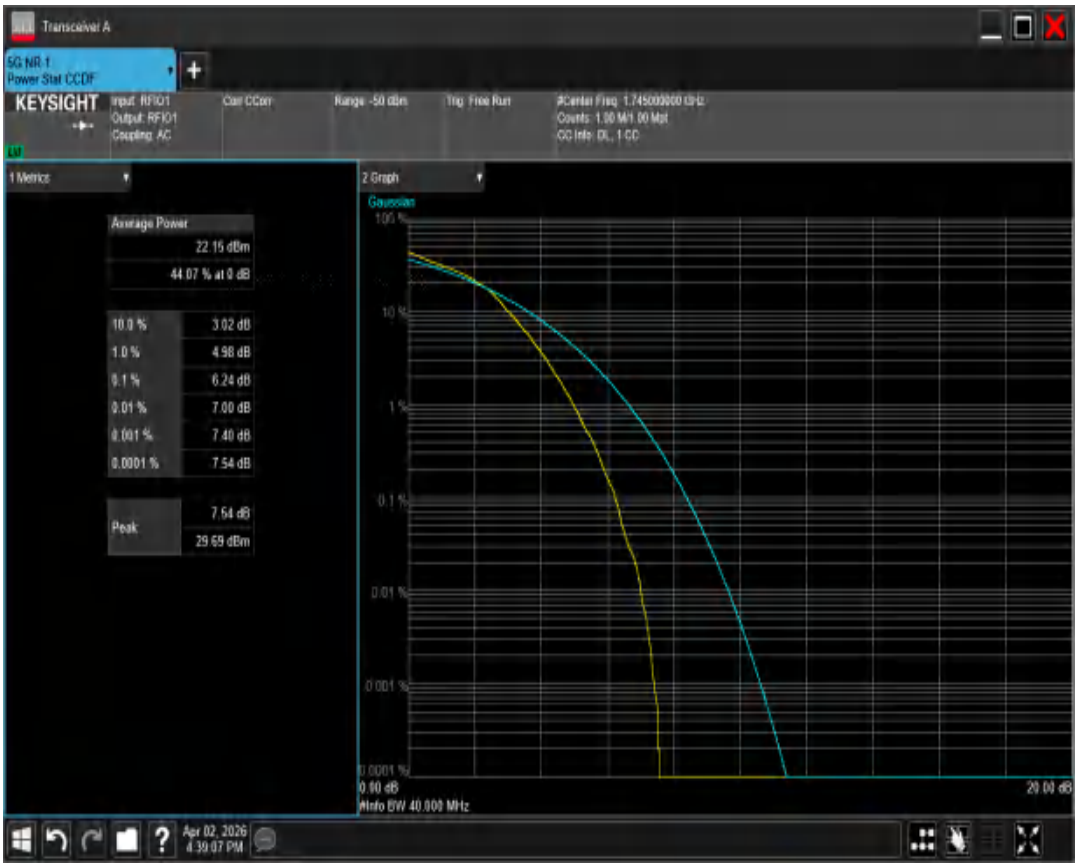
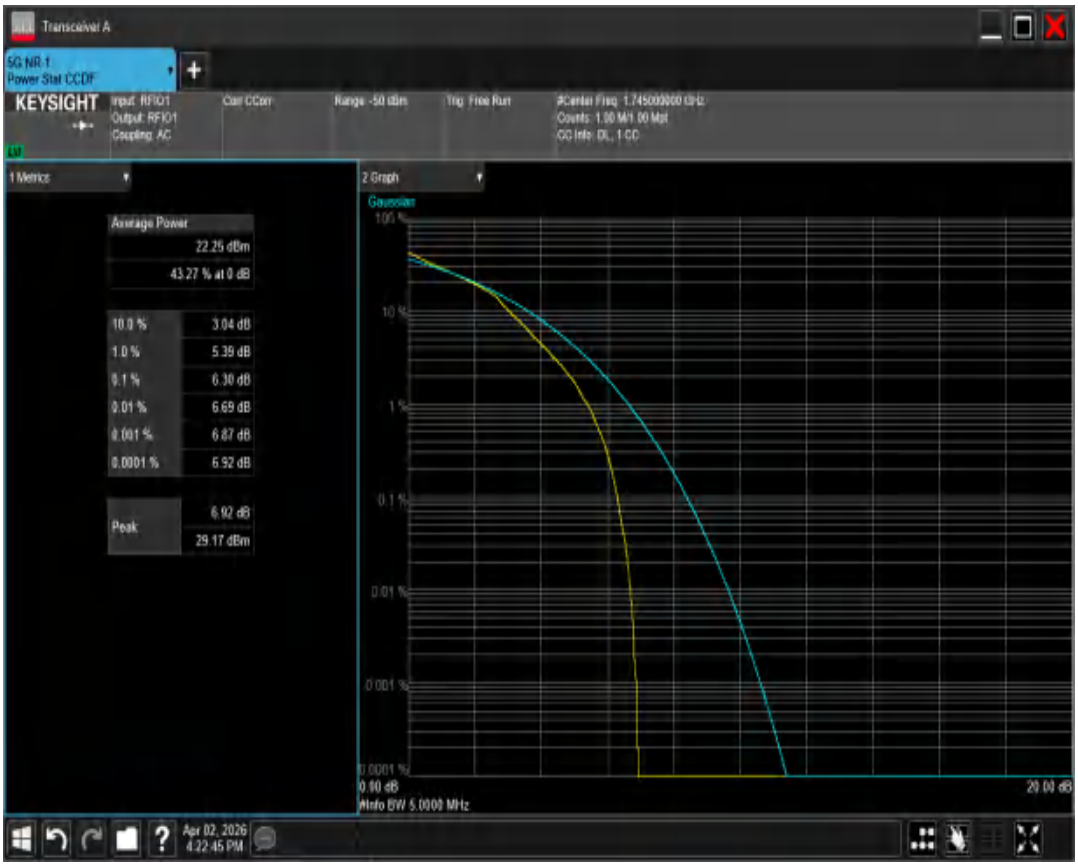


n66 SCS=15kHz DFT_QAM16 BW=40MHz Channel=349000 RB=216@0



n66 SCS=15kHz DFT_QAM16 BW=5MHz Channel=349000 RB=25@0



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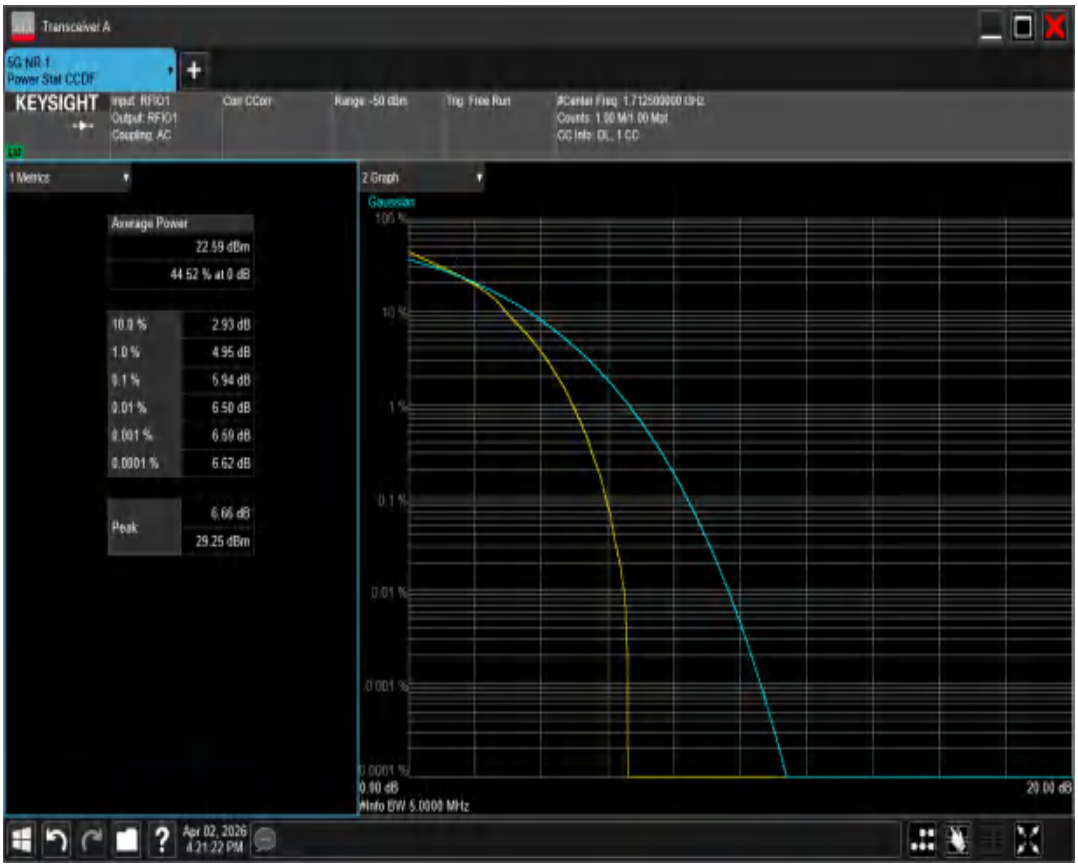

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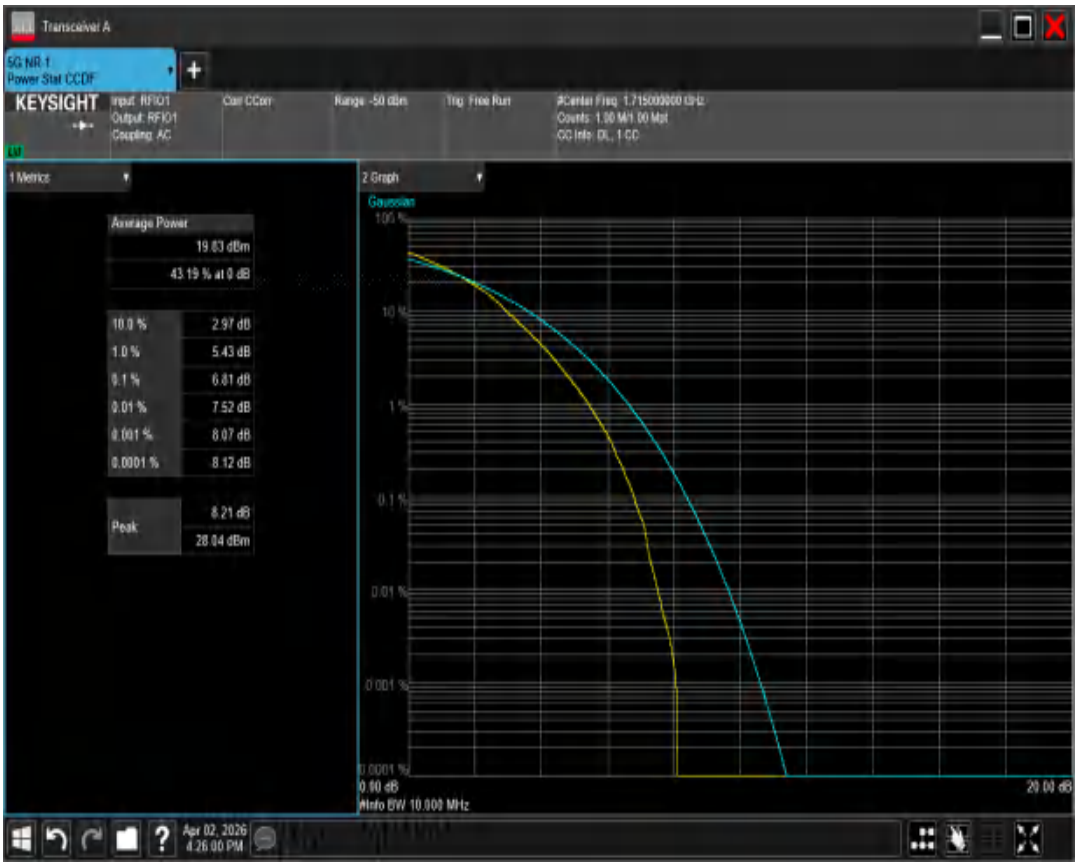
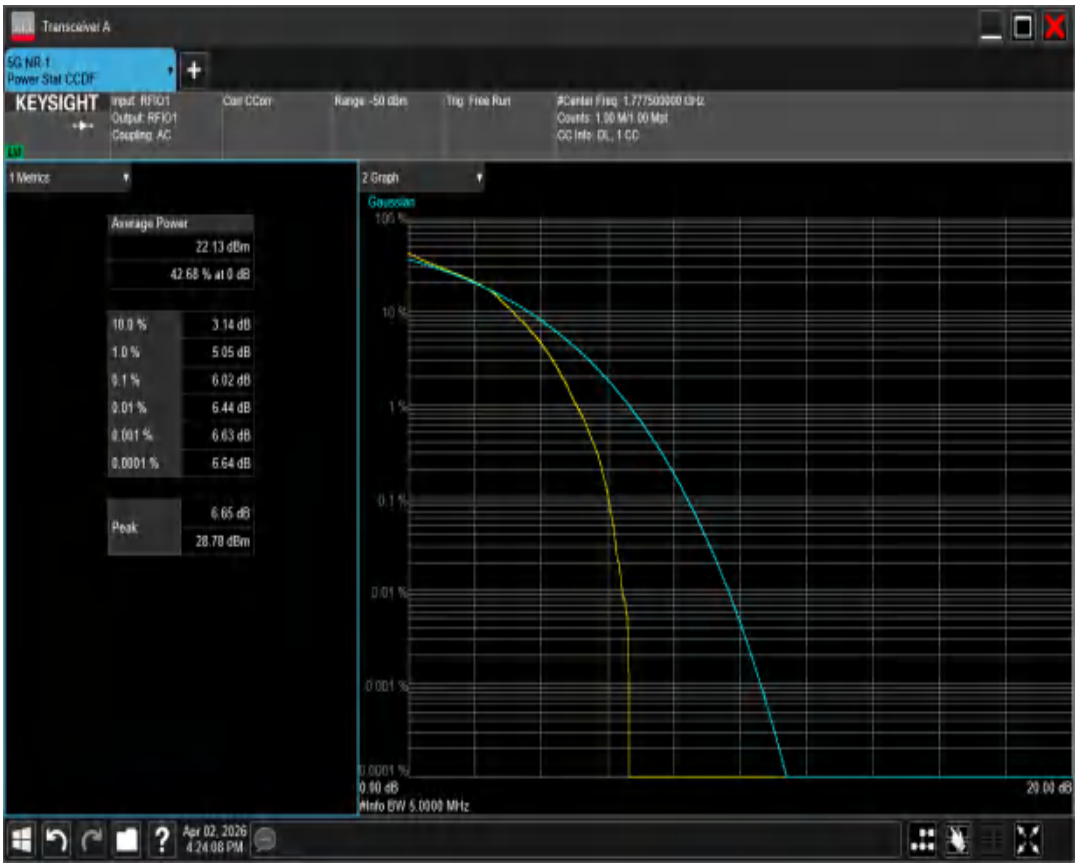


n66 SCS=15kHz DFT_QAM16 BW=5MHz Channel=355500 RB=25@0



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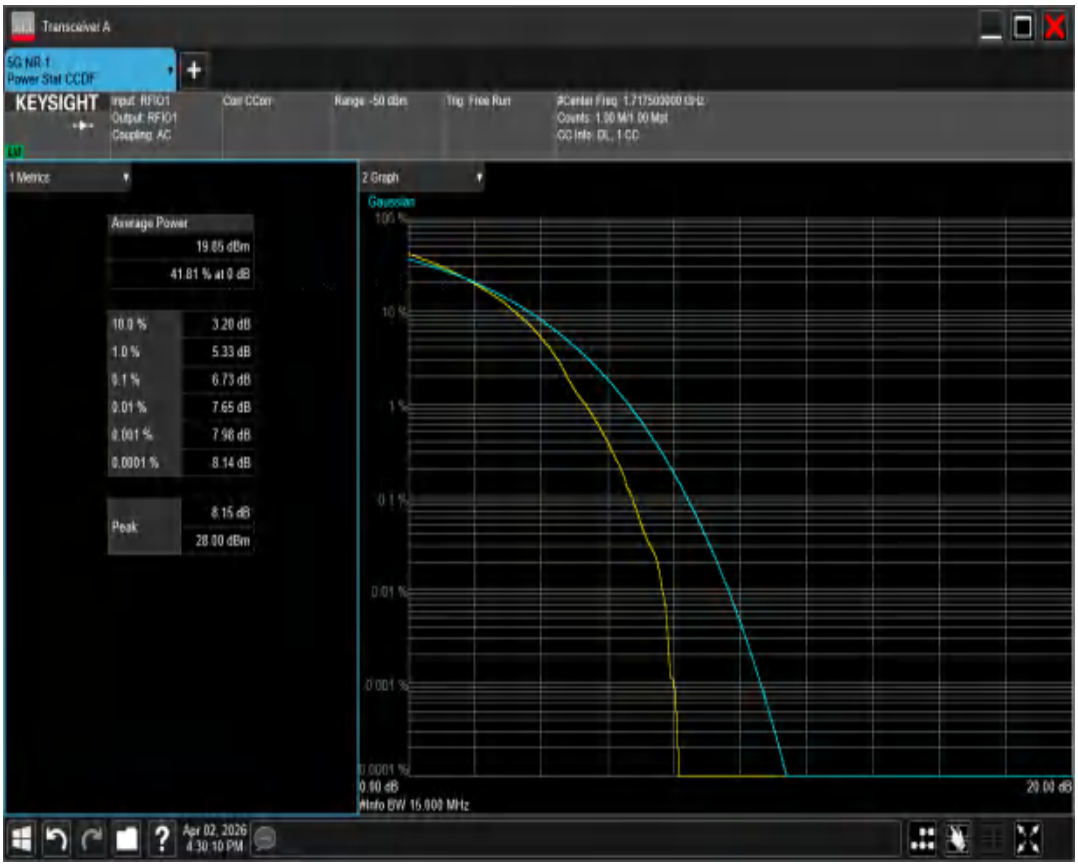

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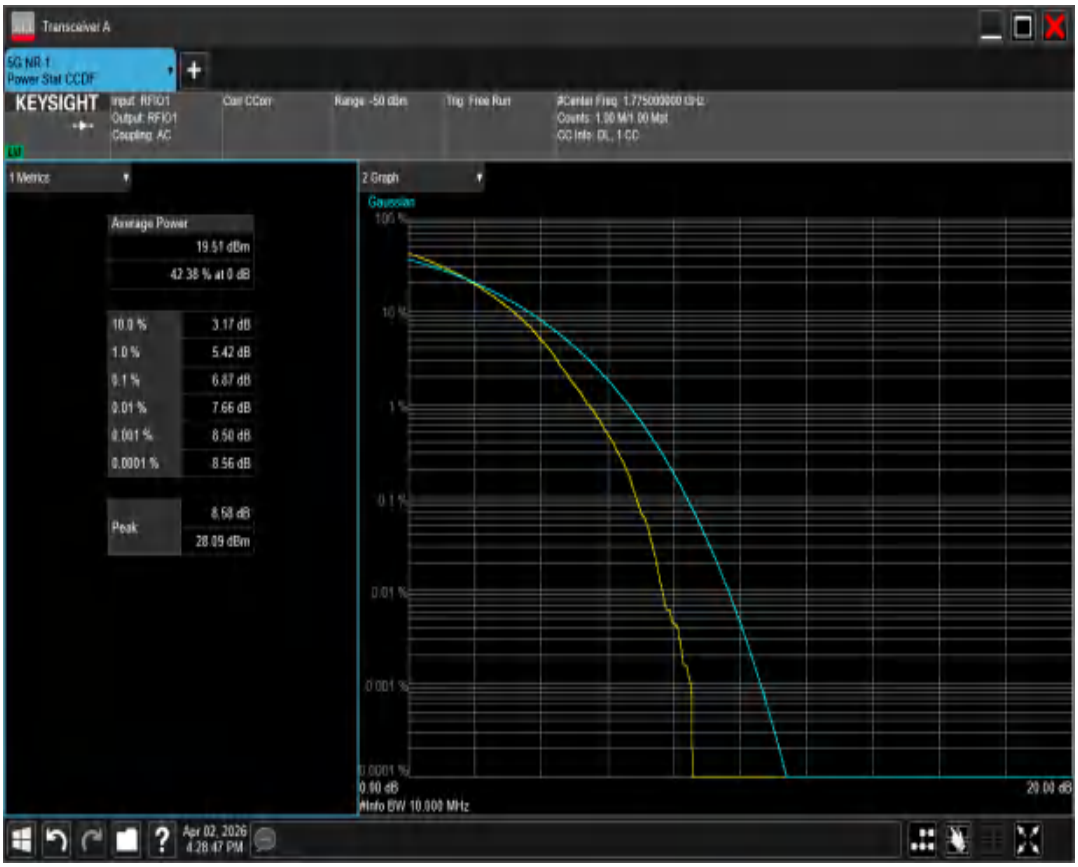

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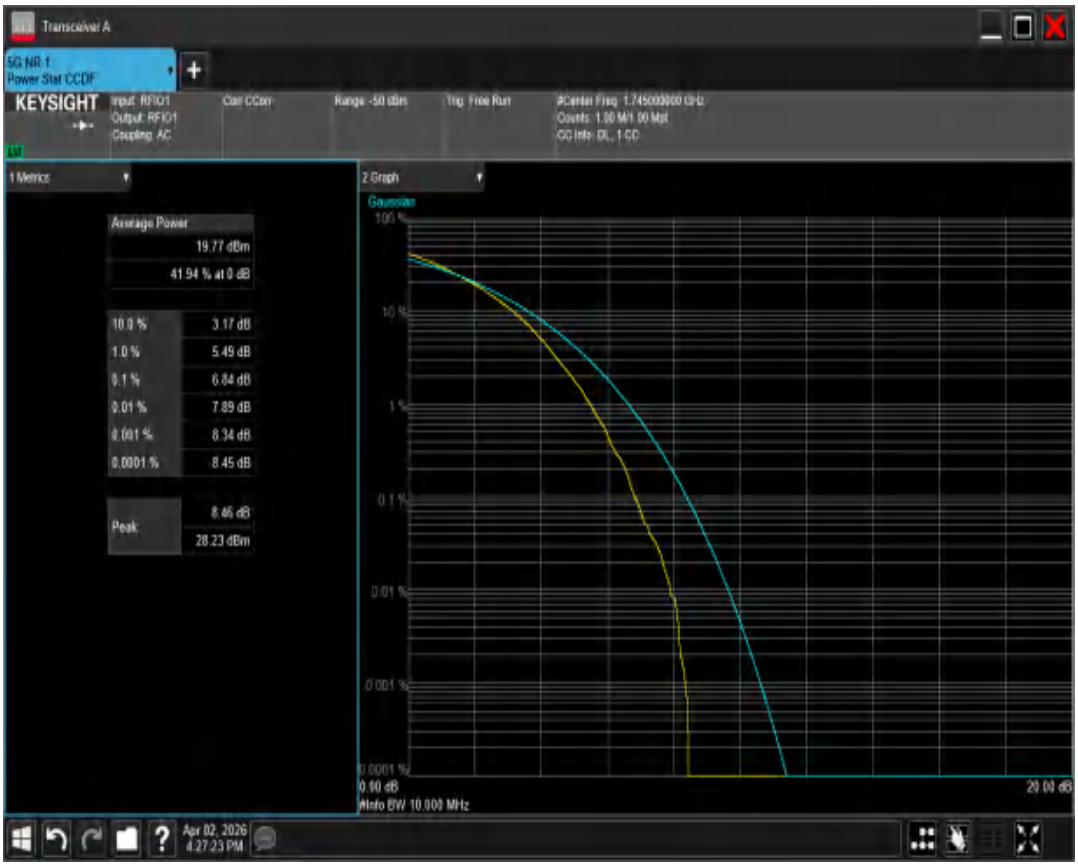

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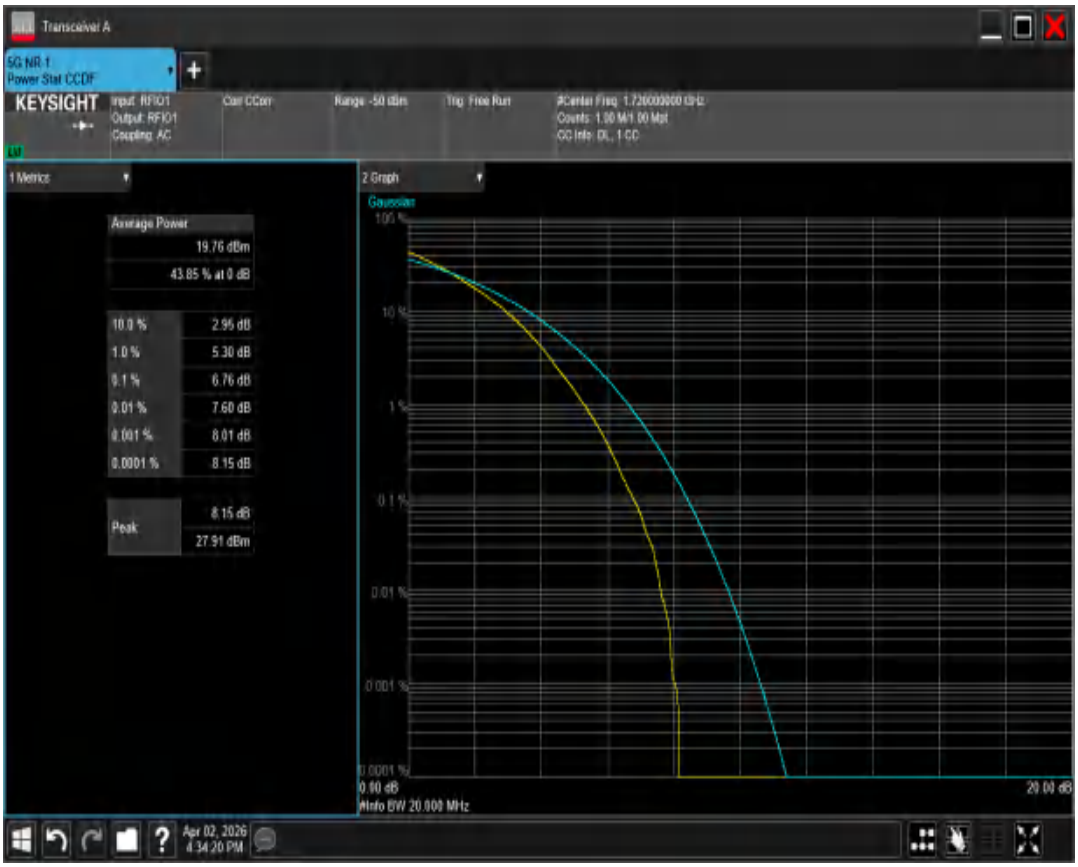

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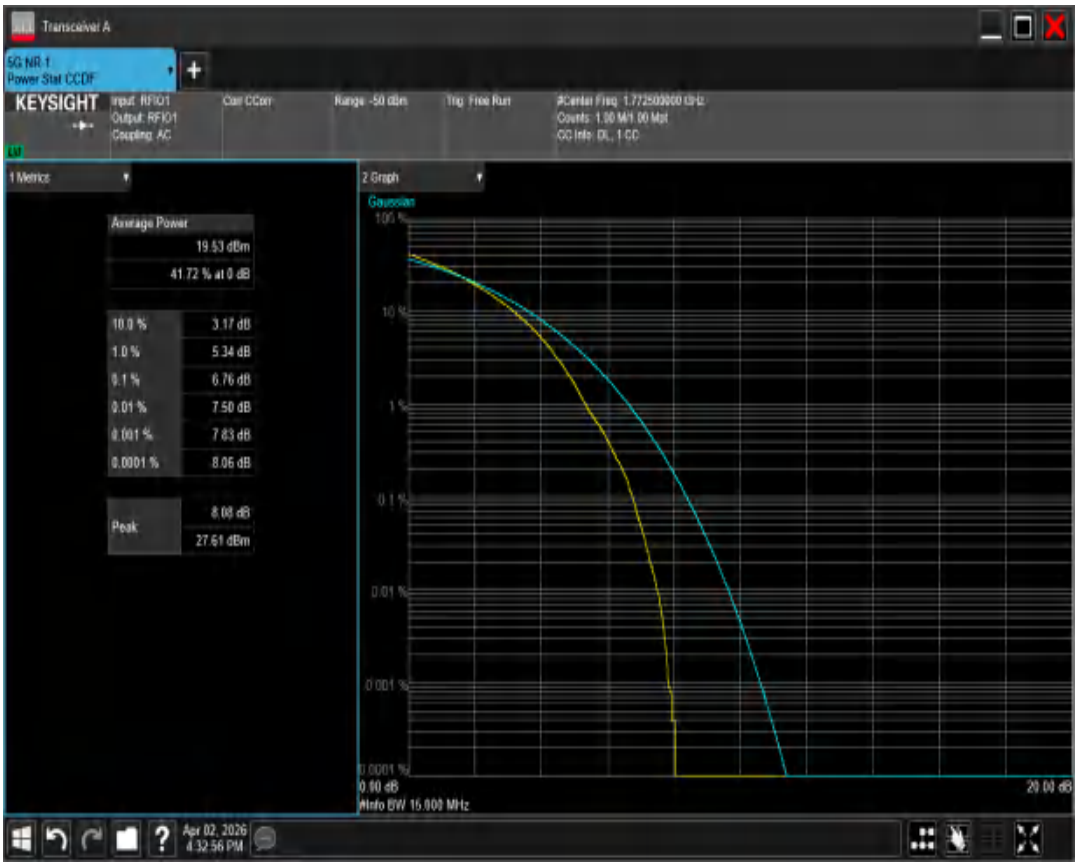

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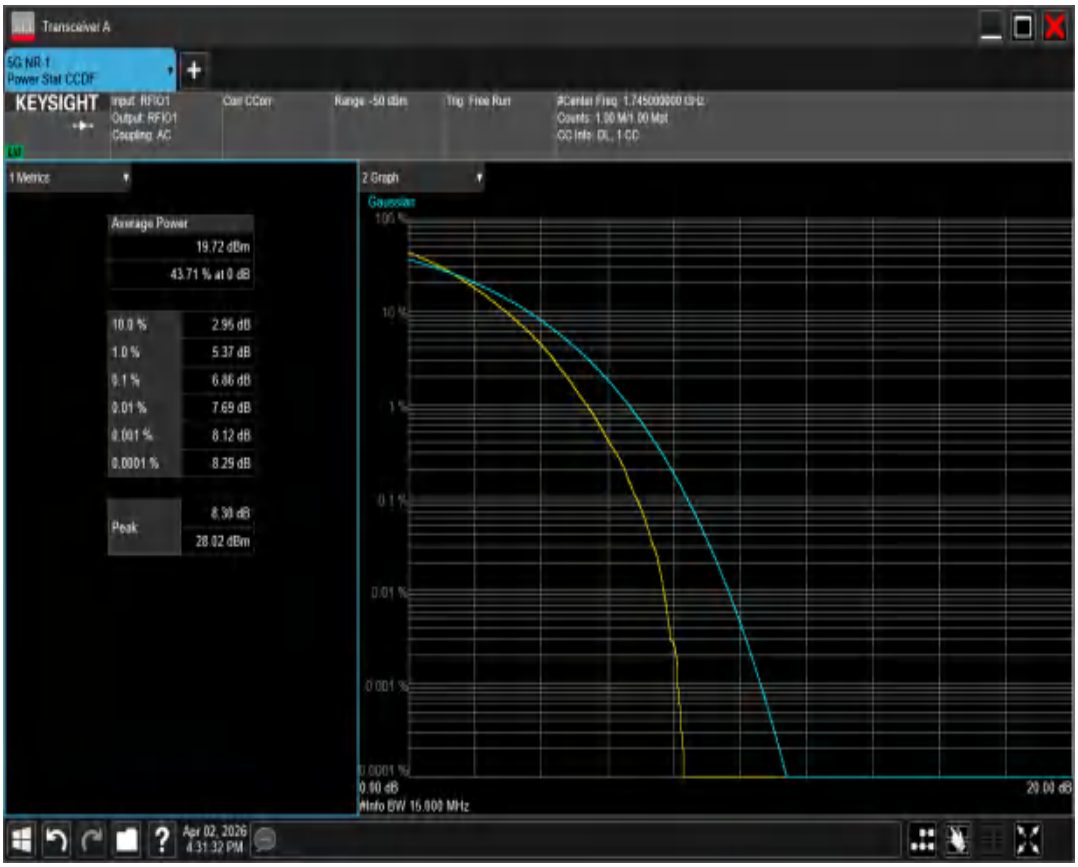

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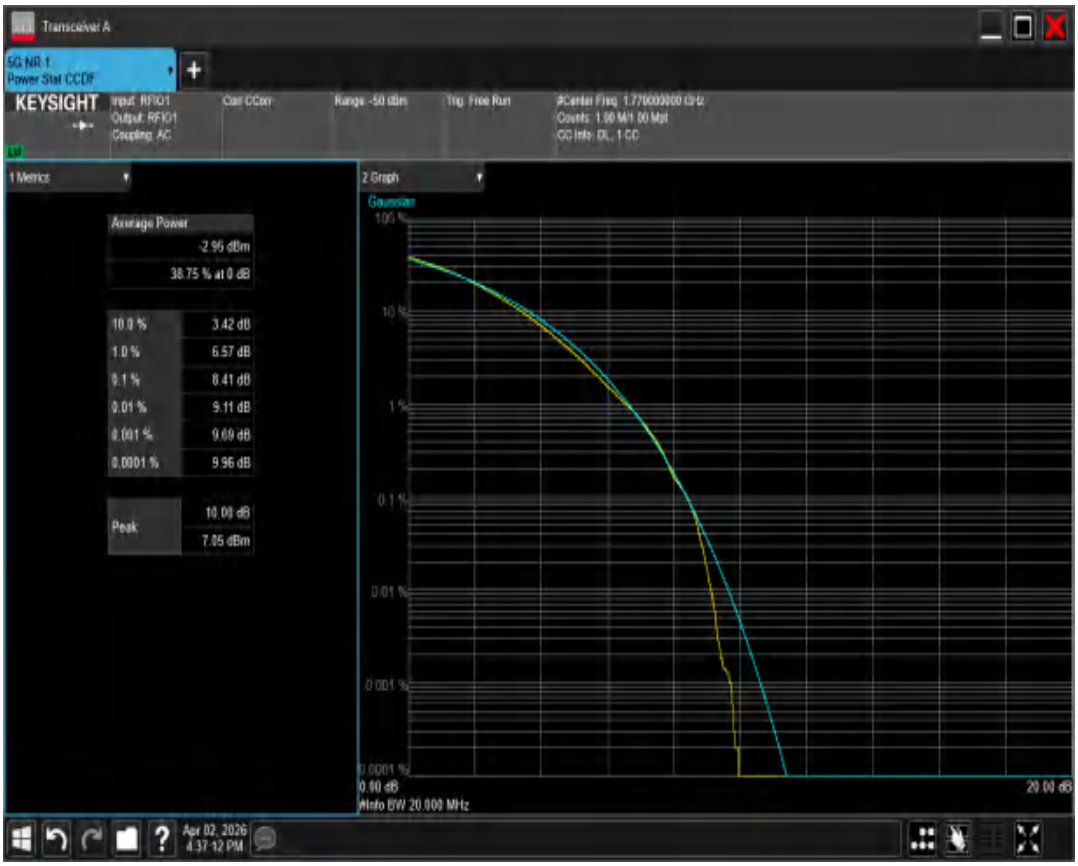

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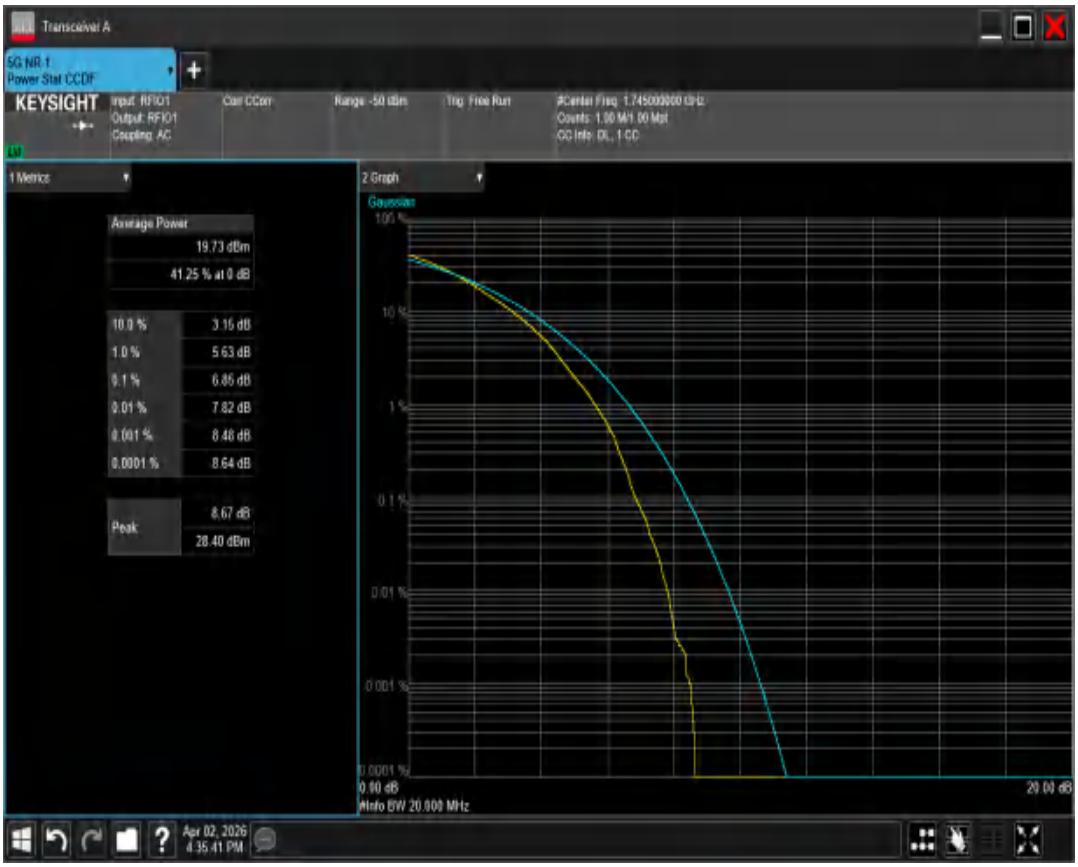

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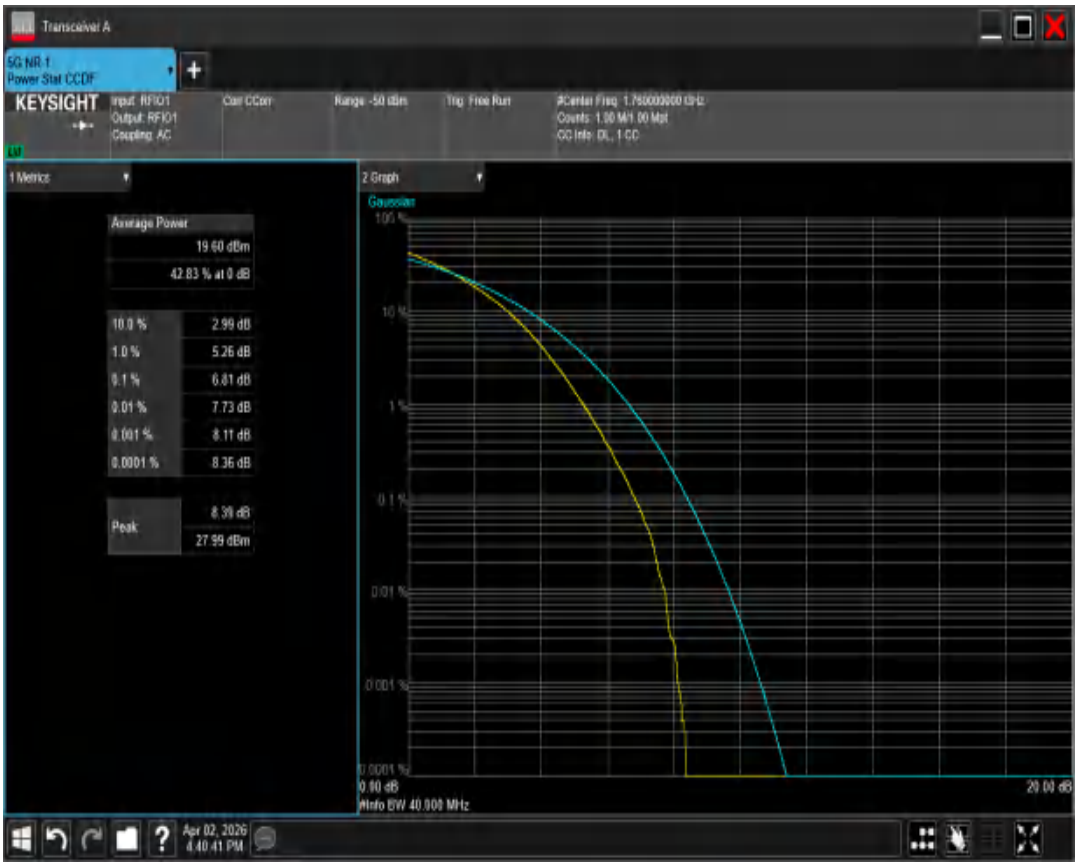

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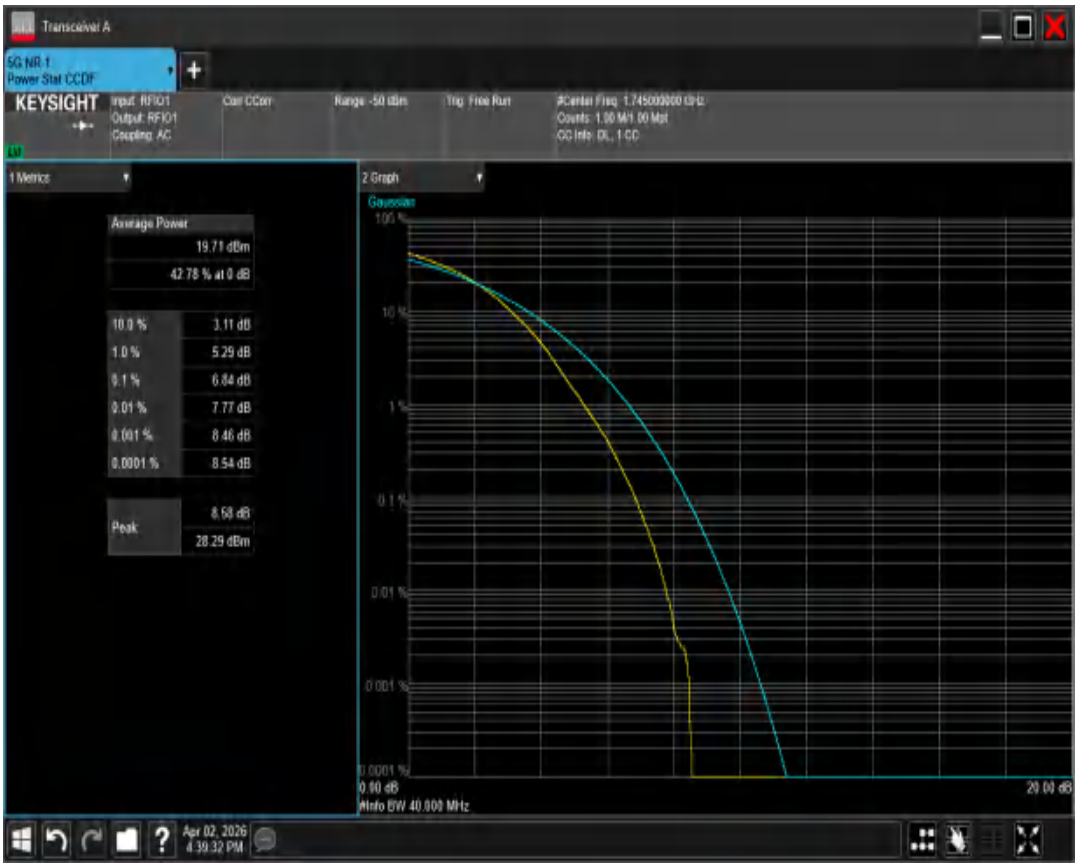

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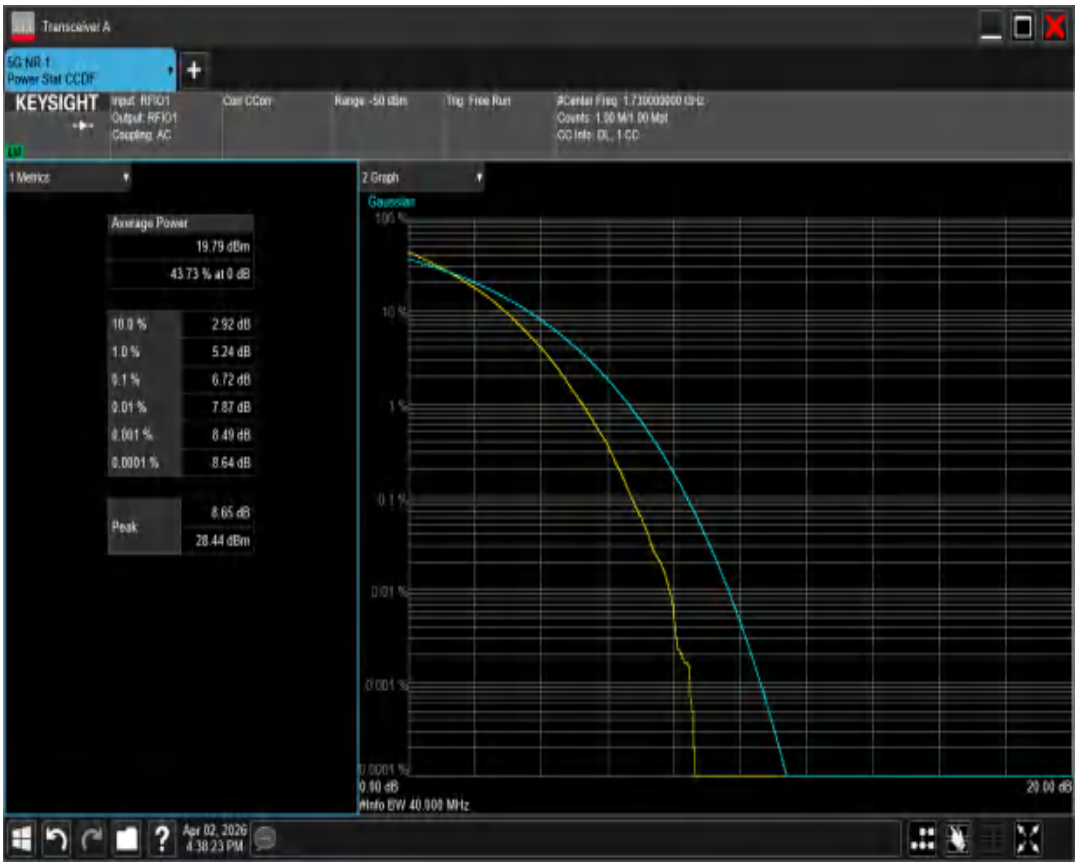

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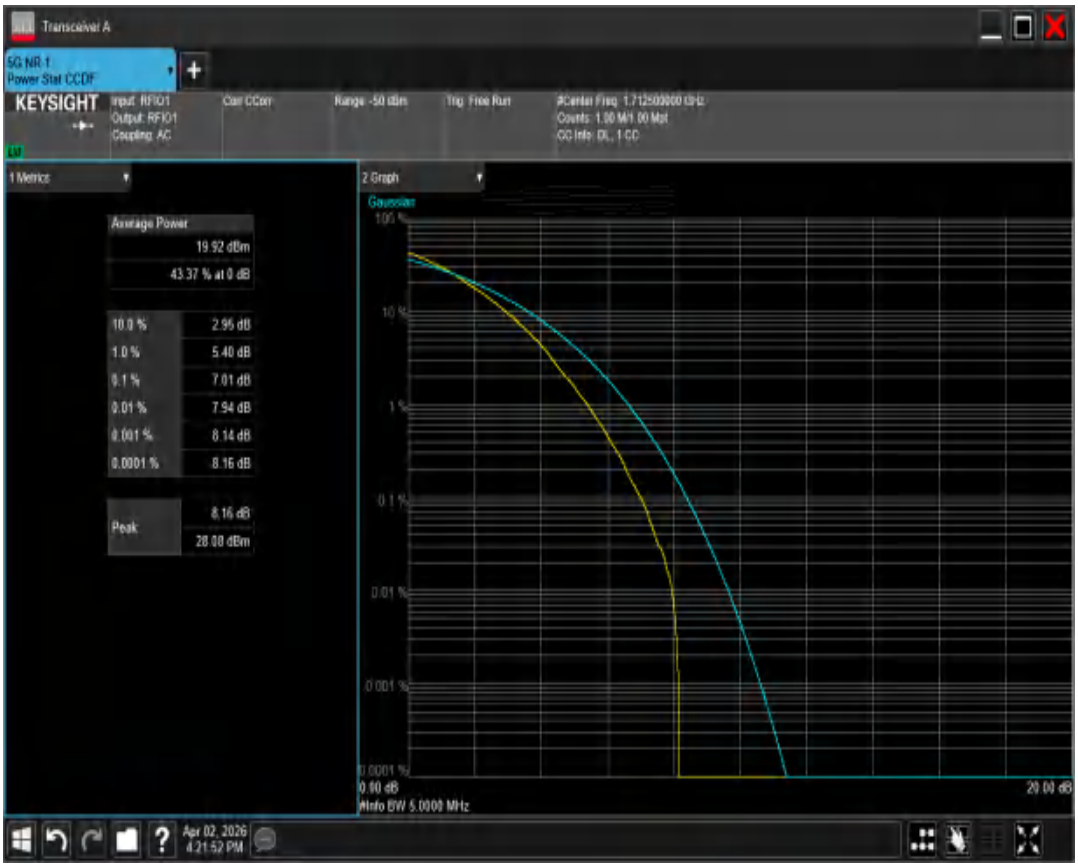

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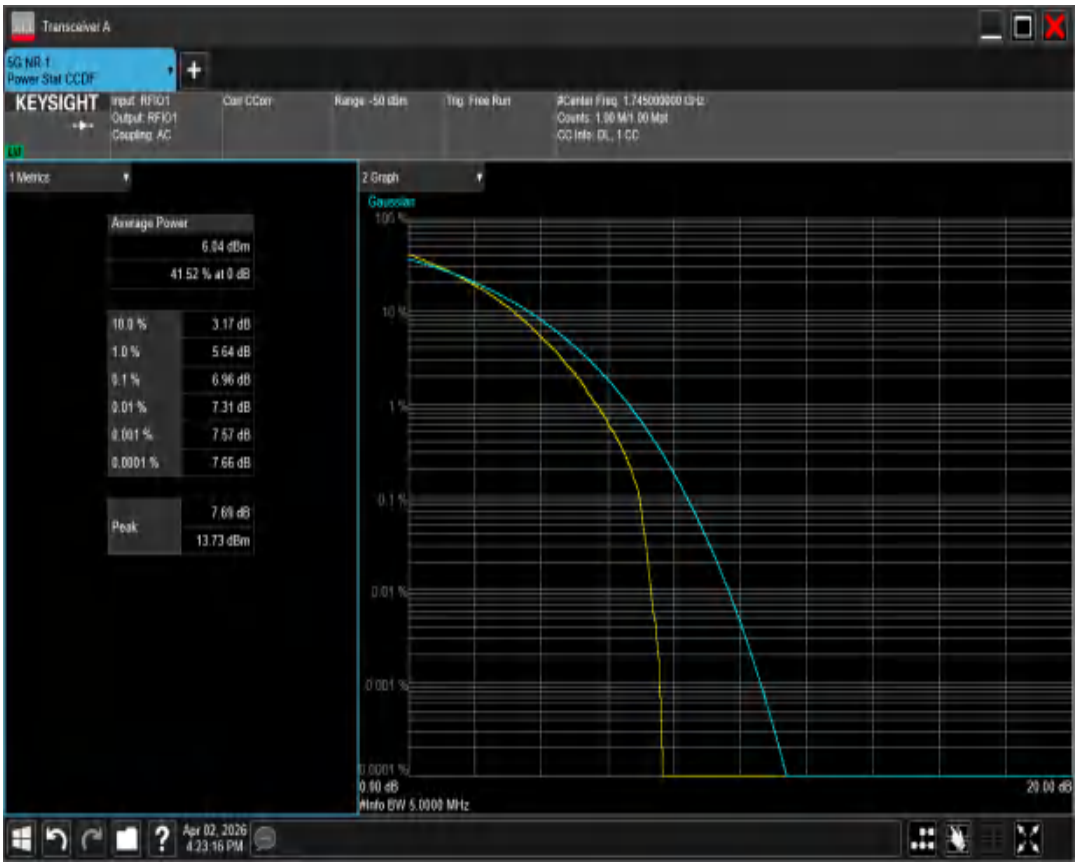

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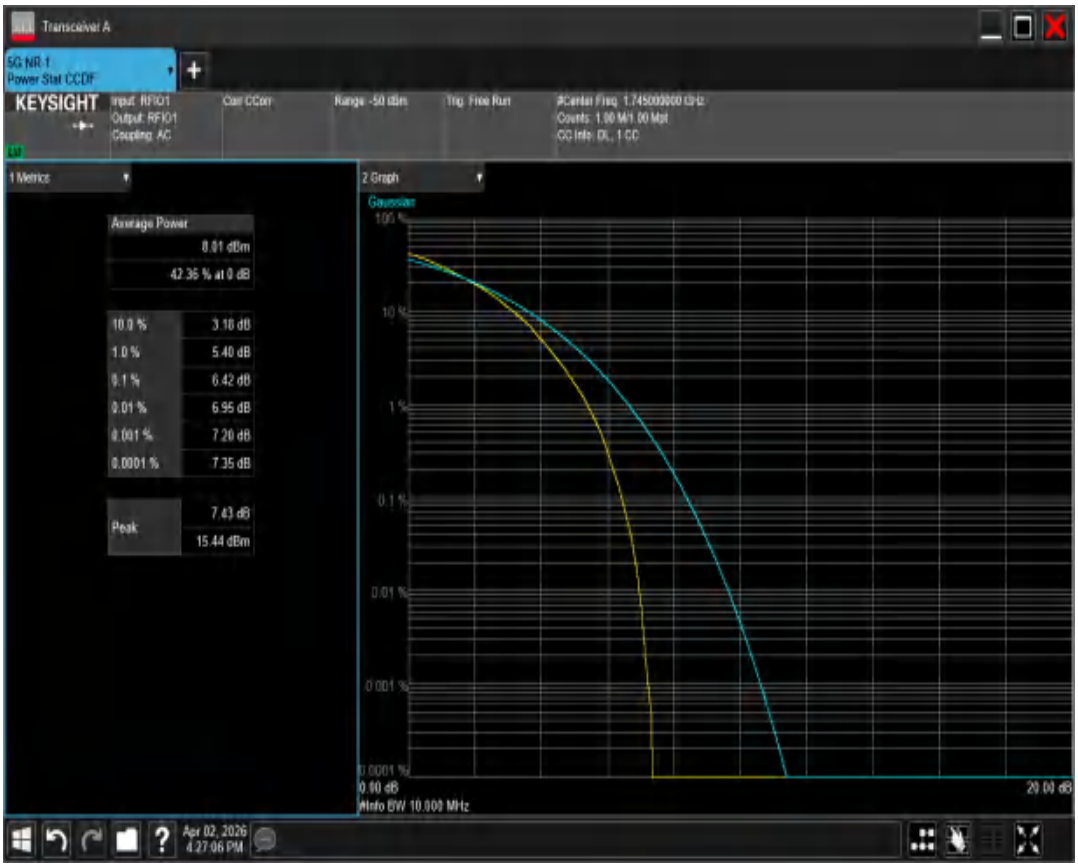

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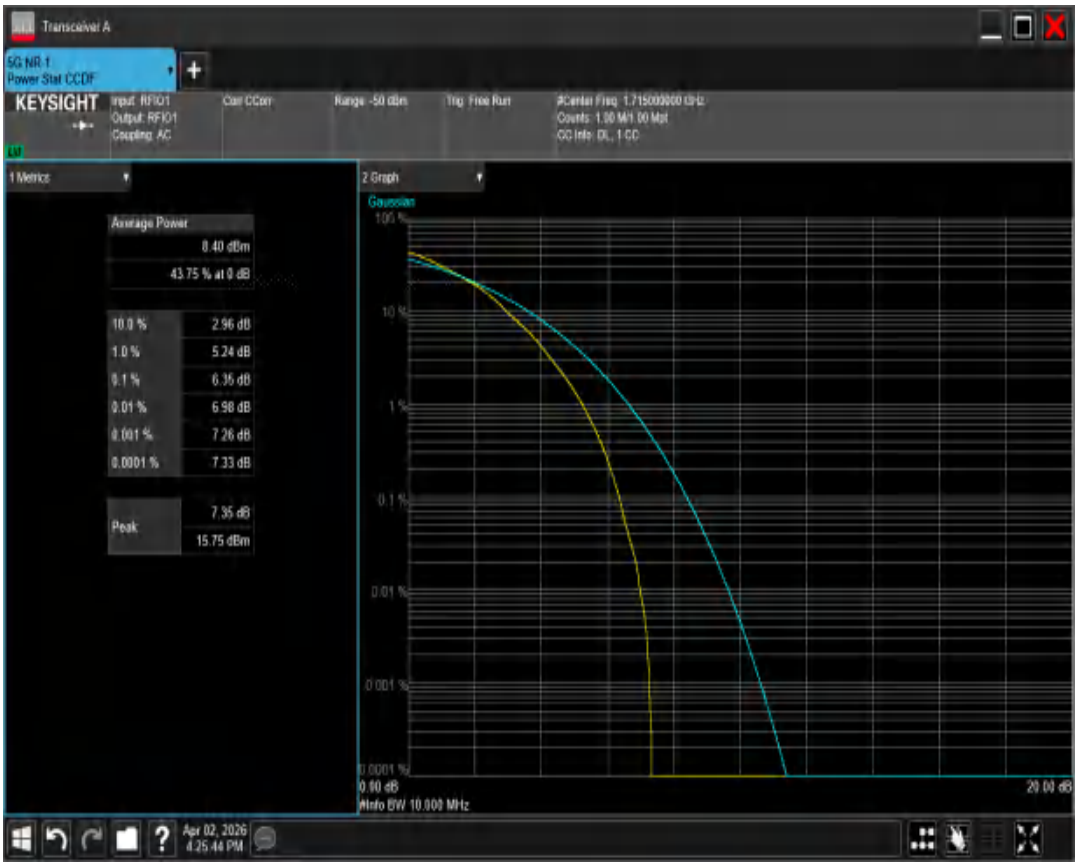

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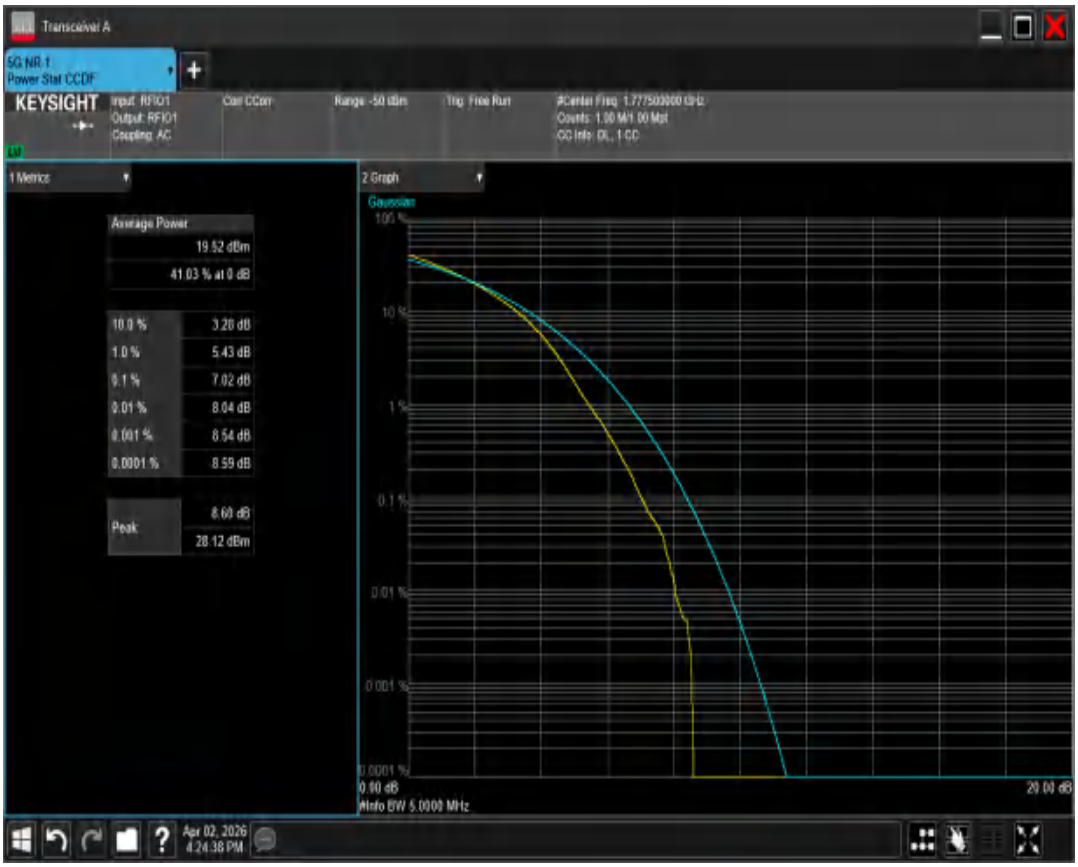

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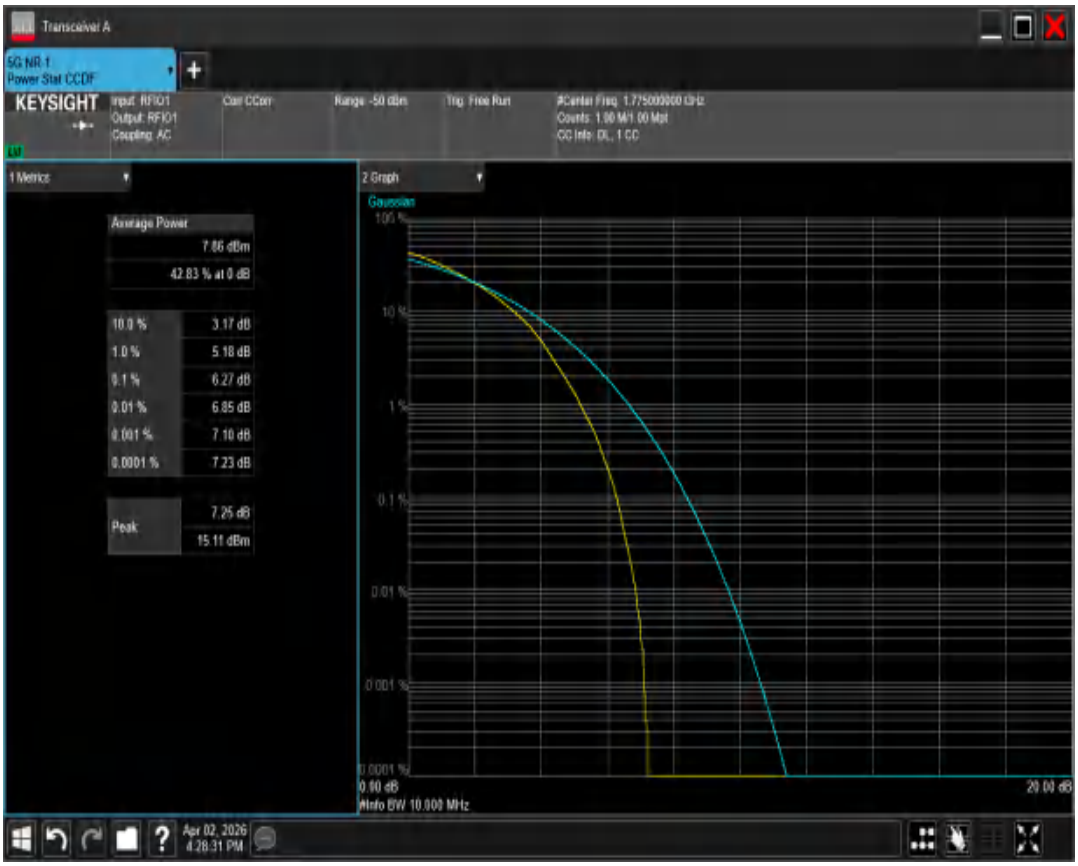

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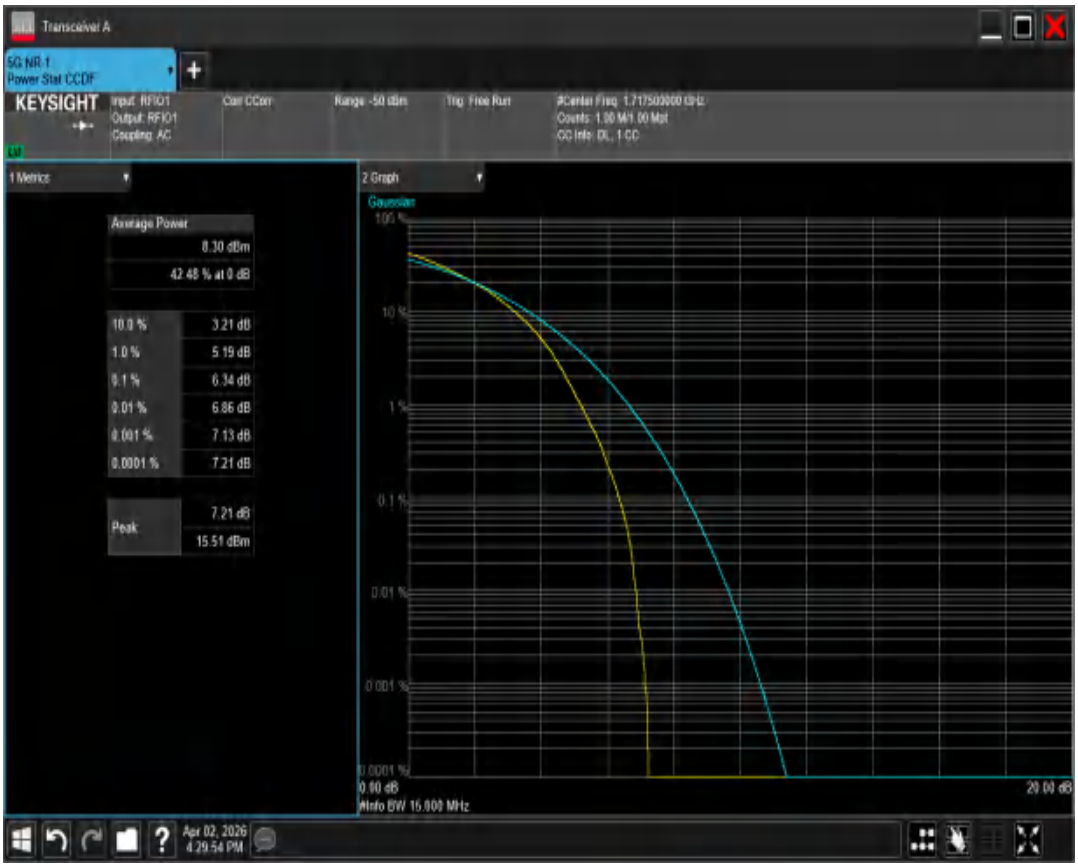

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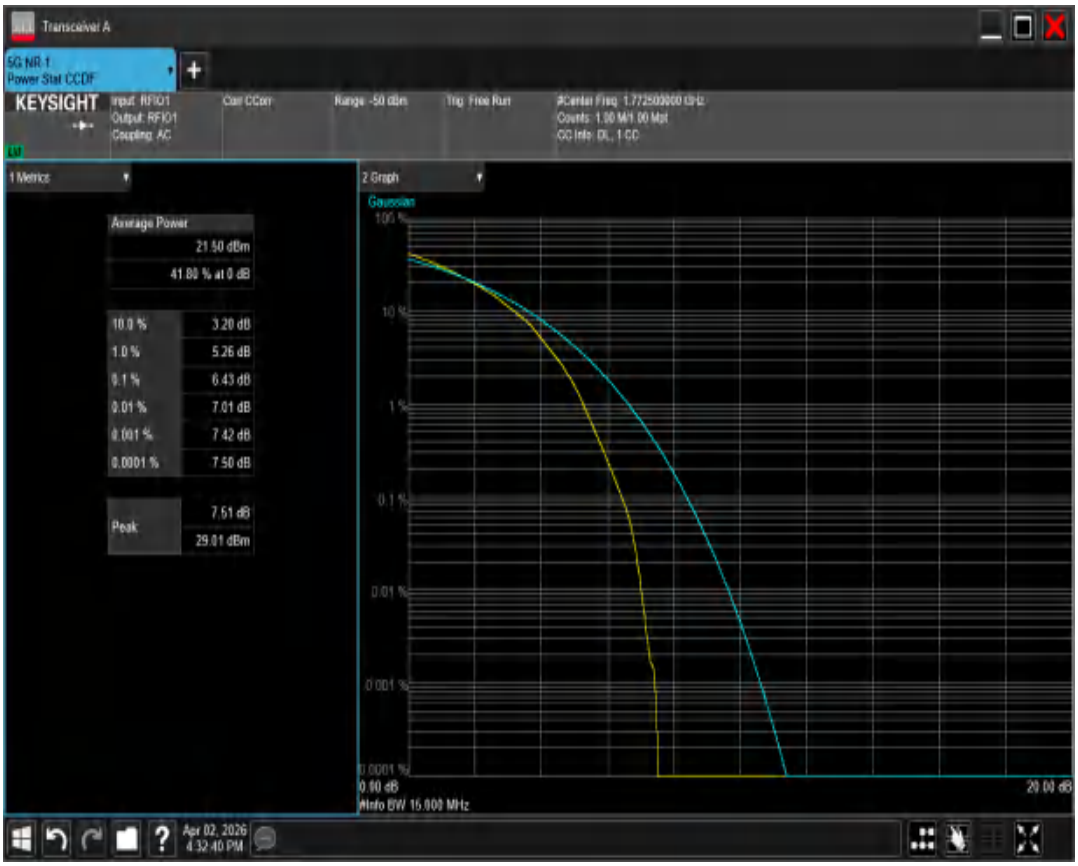
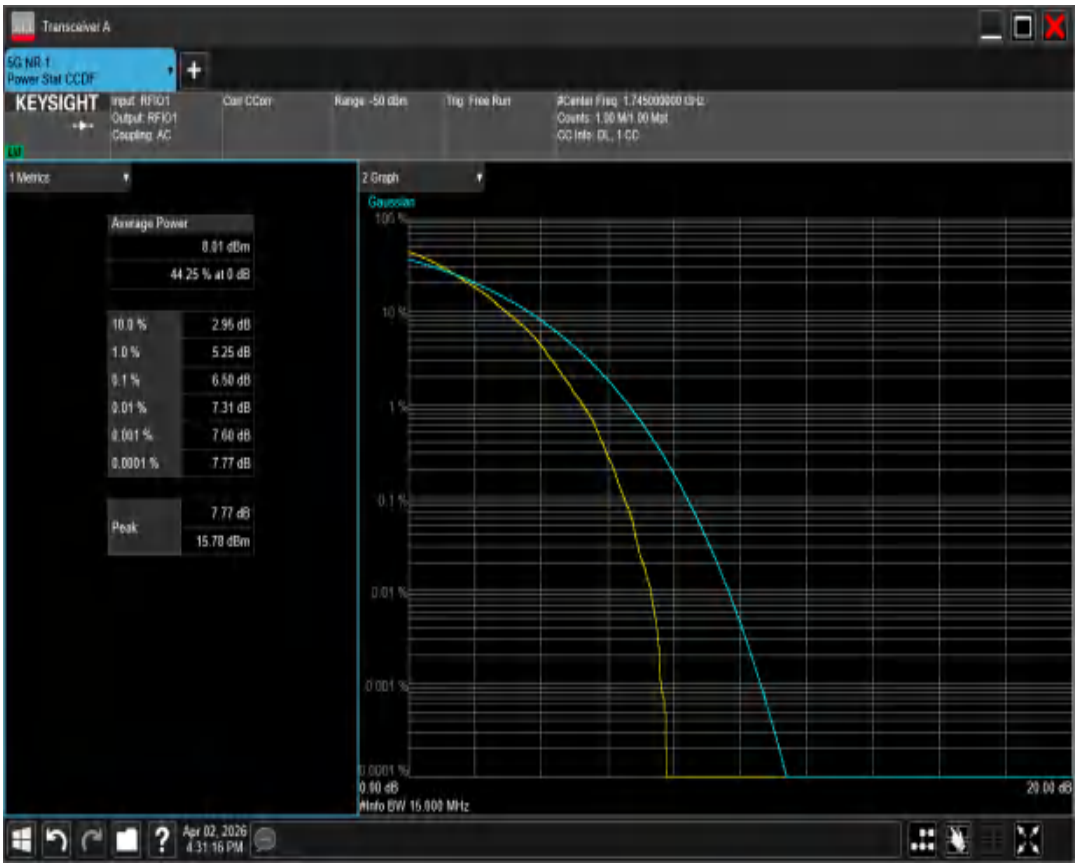


n66 SCS=15kHz DFT_QAM64 BW=15MHz Channel=349000 RB=75@0



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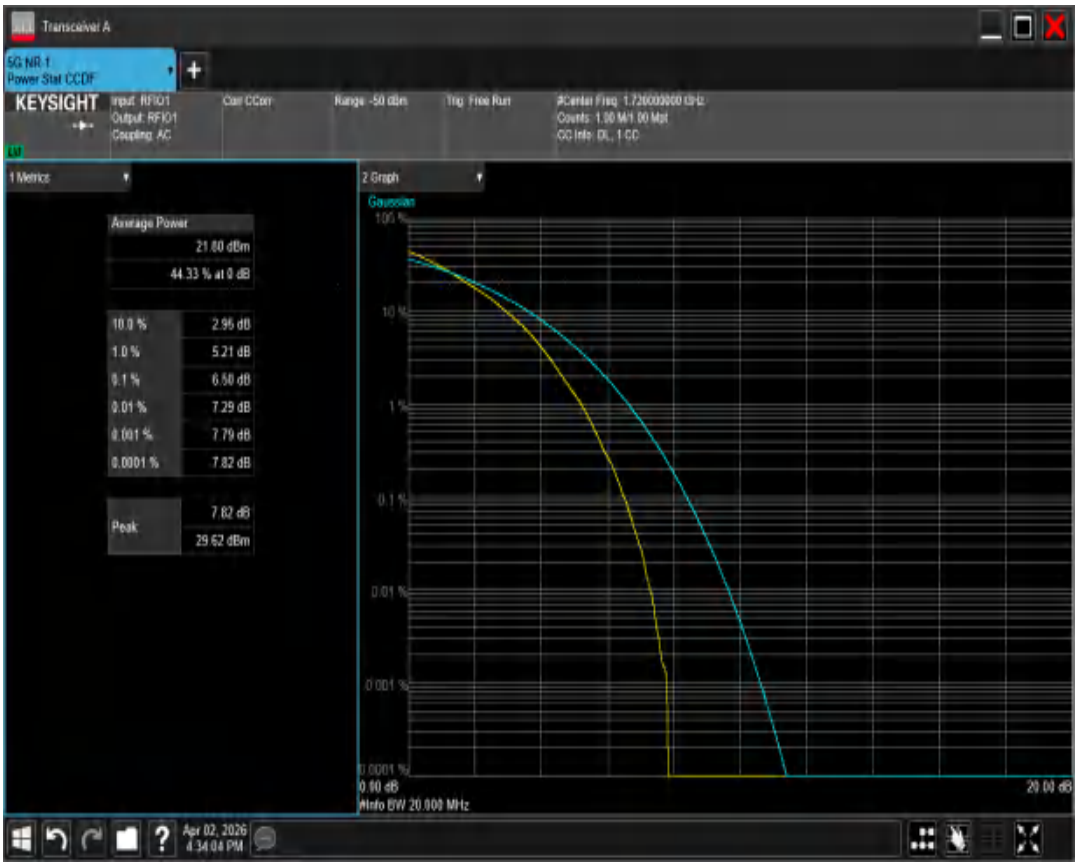

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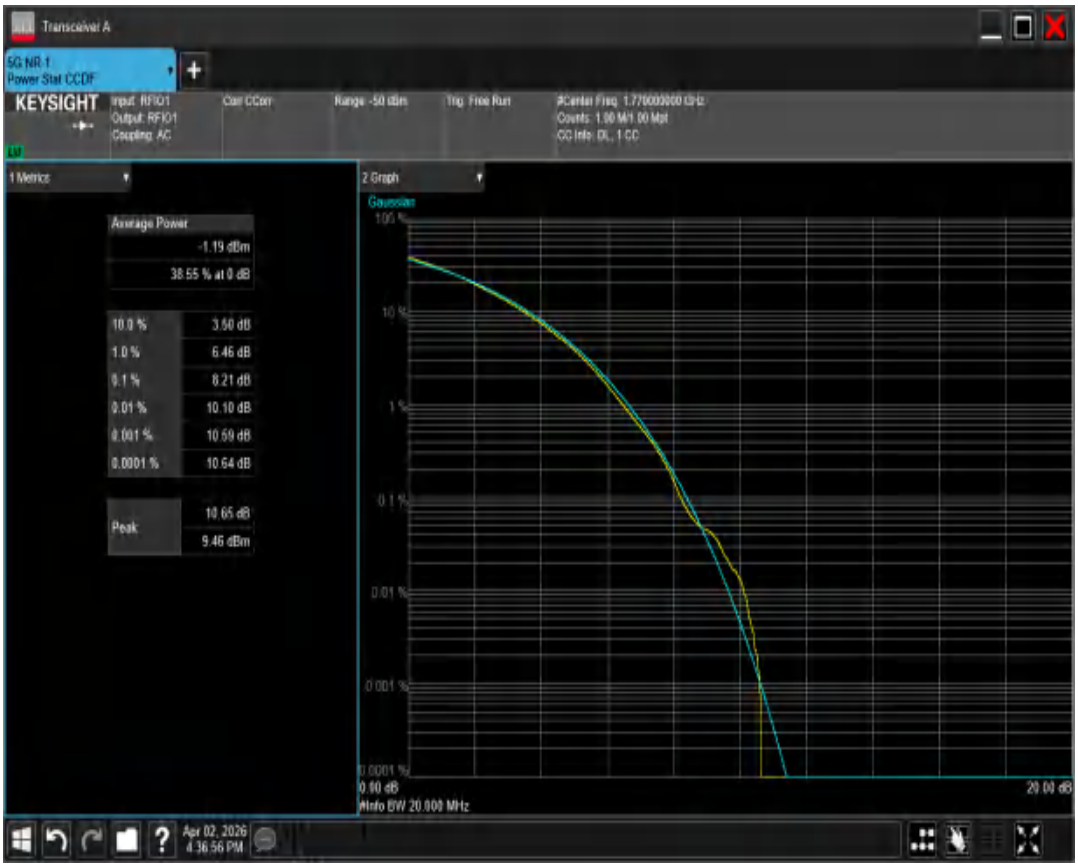

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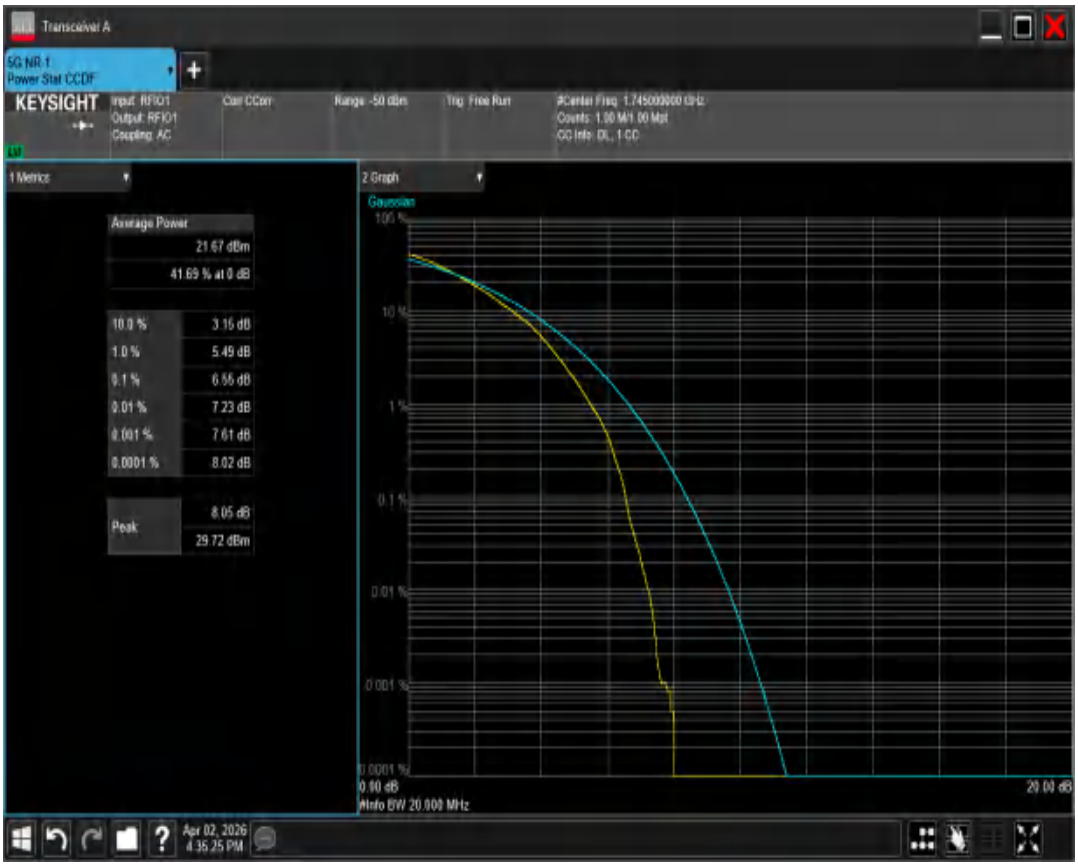

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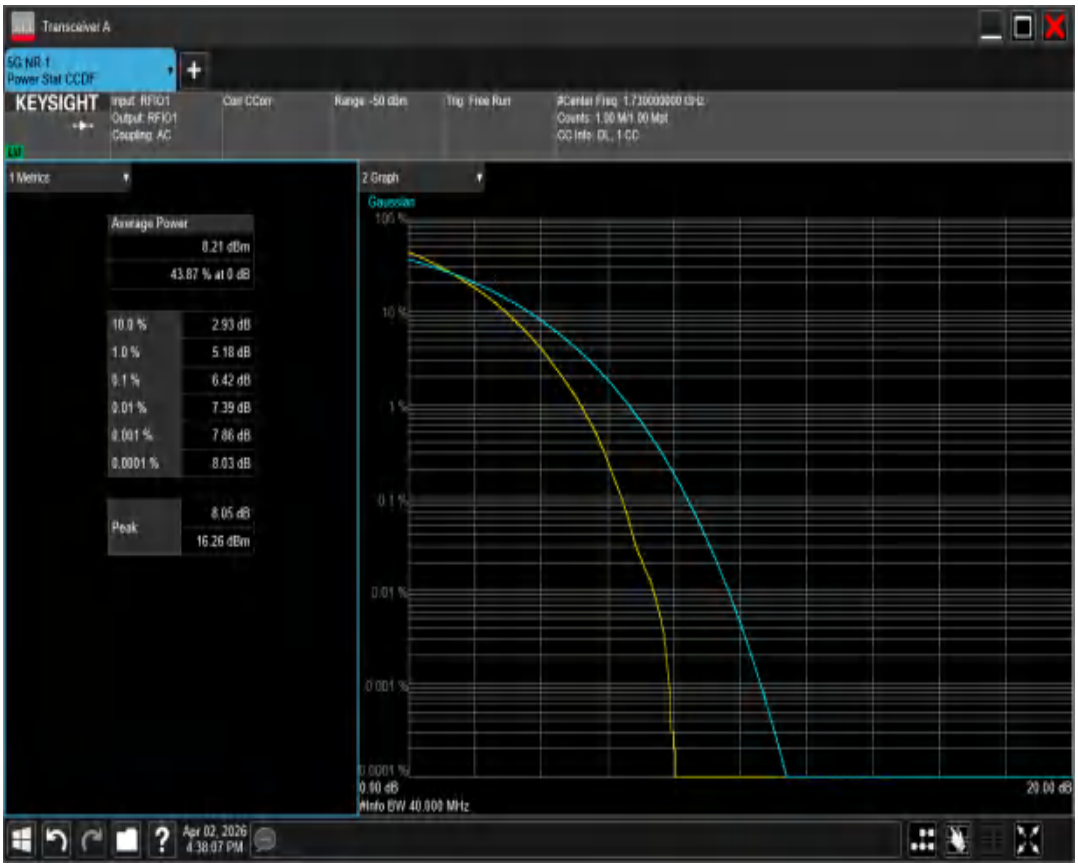

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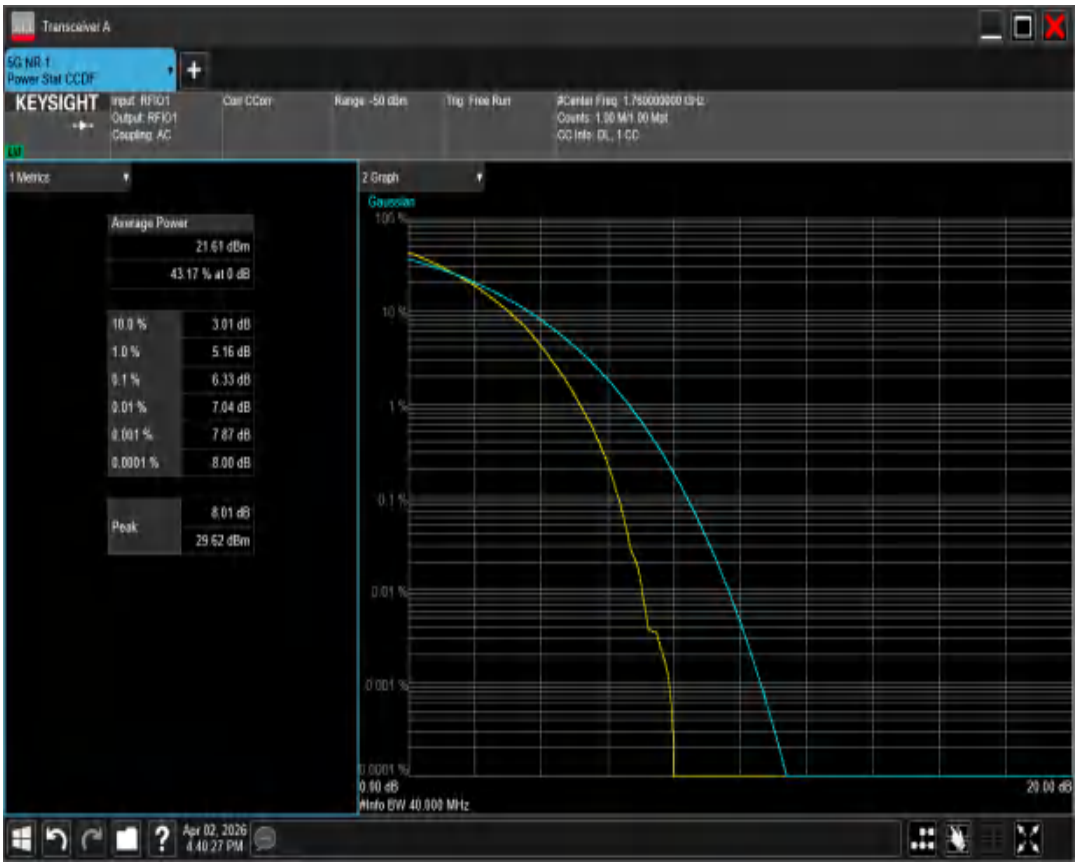

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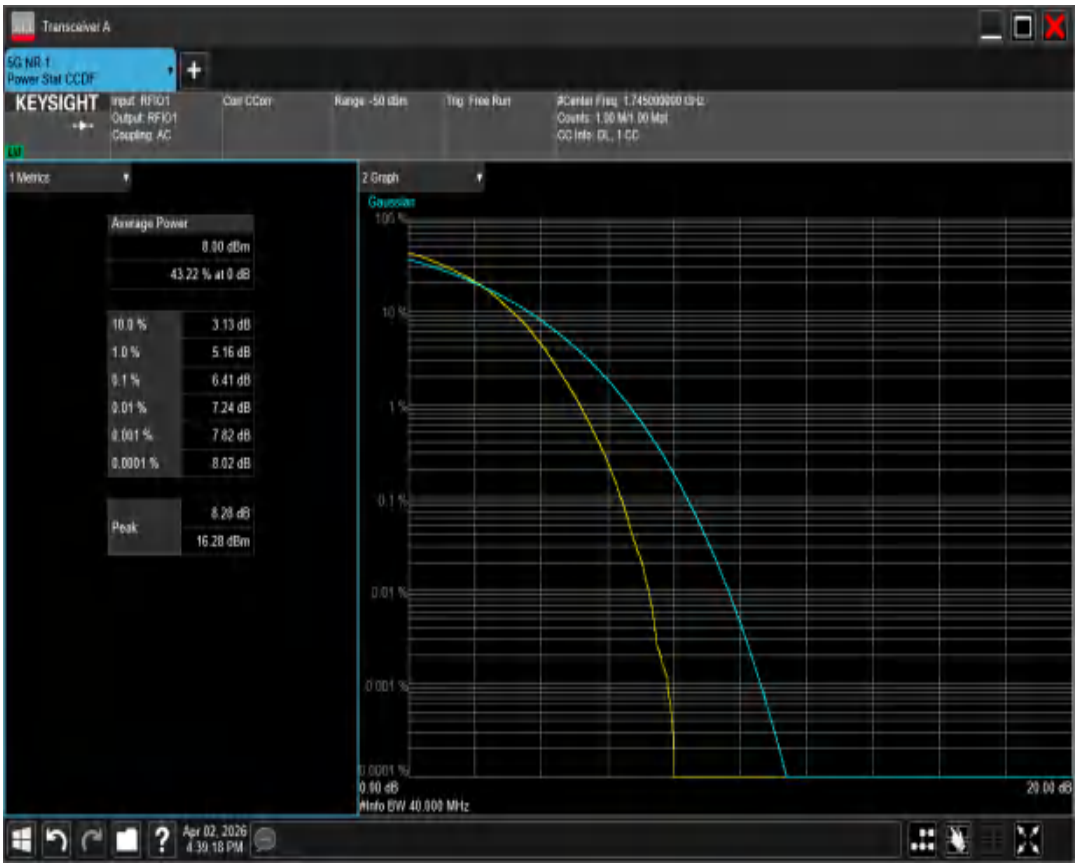

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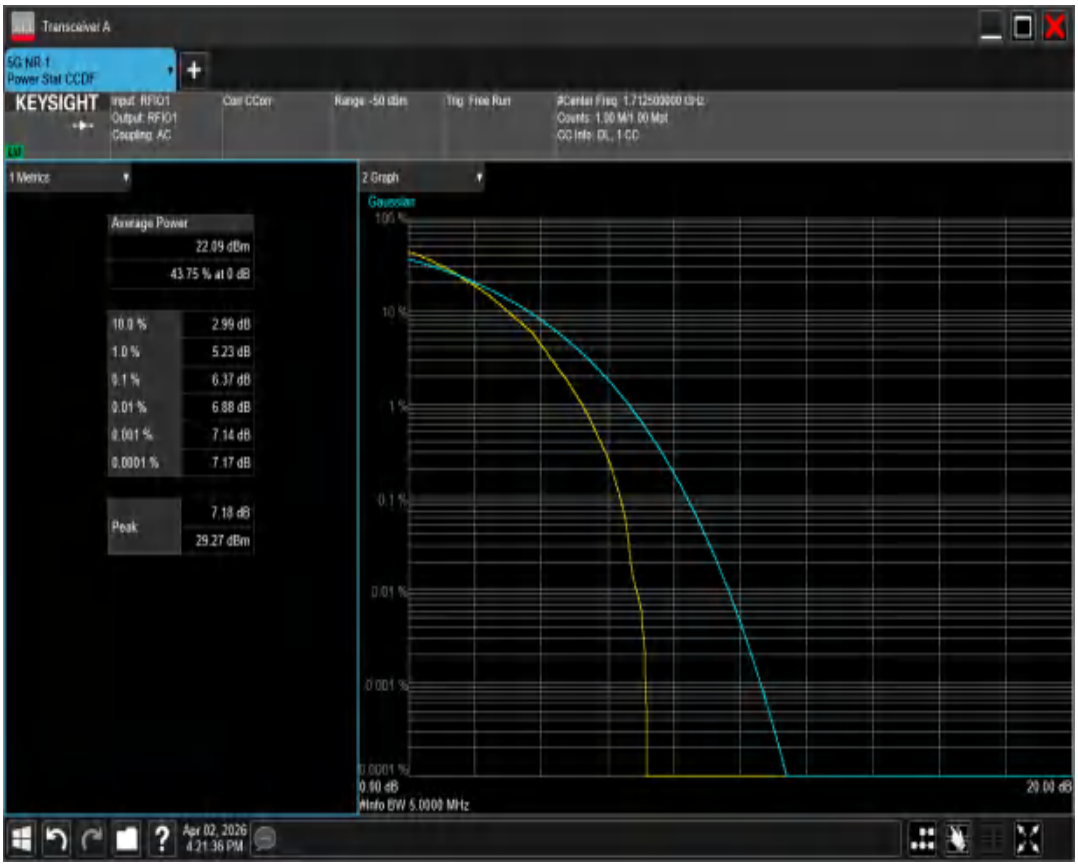

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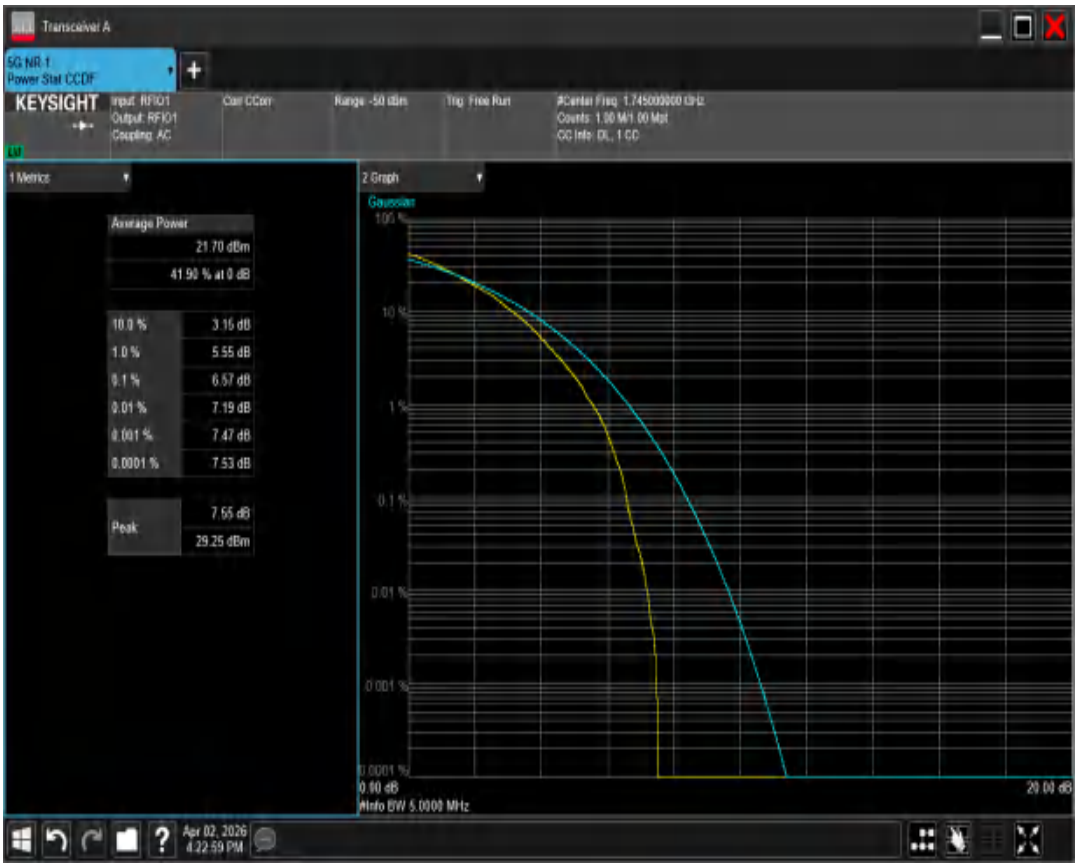

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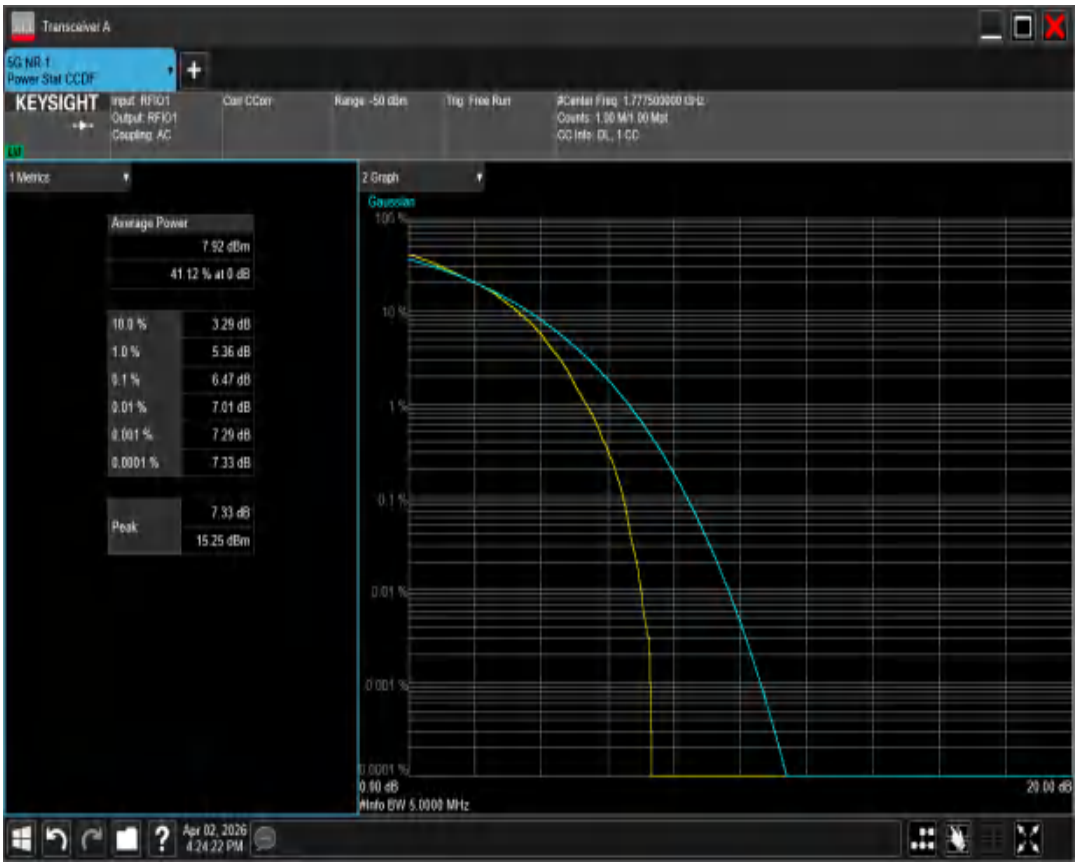
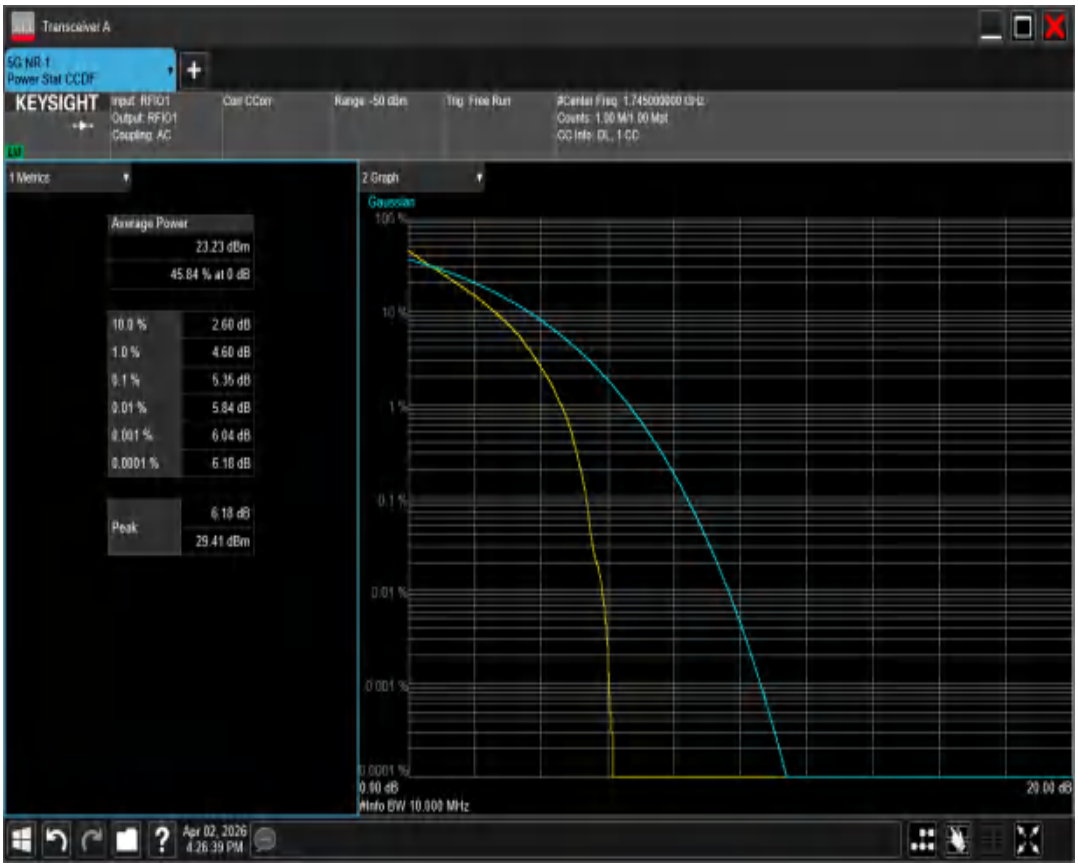
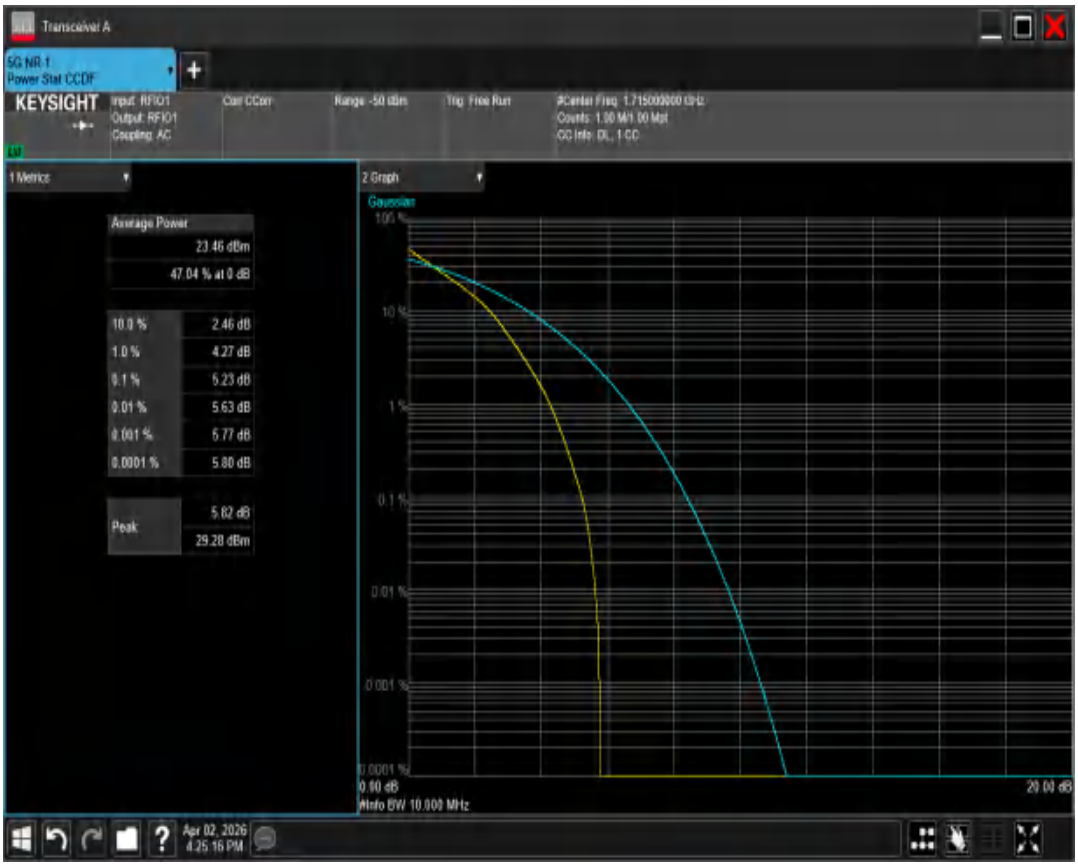


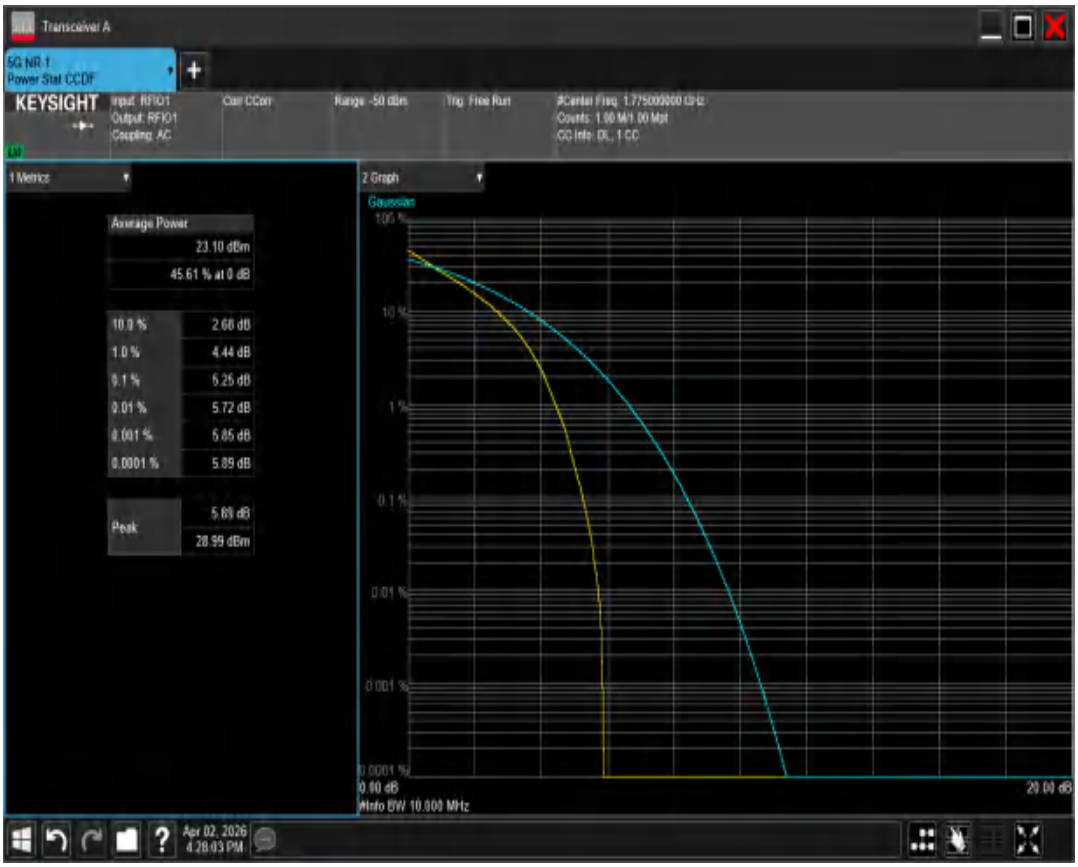
n66 SCS=15kHz DFT_QPSK BW=10MHz Channel=349000 RB=50@0



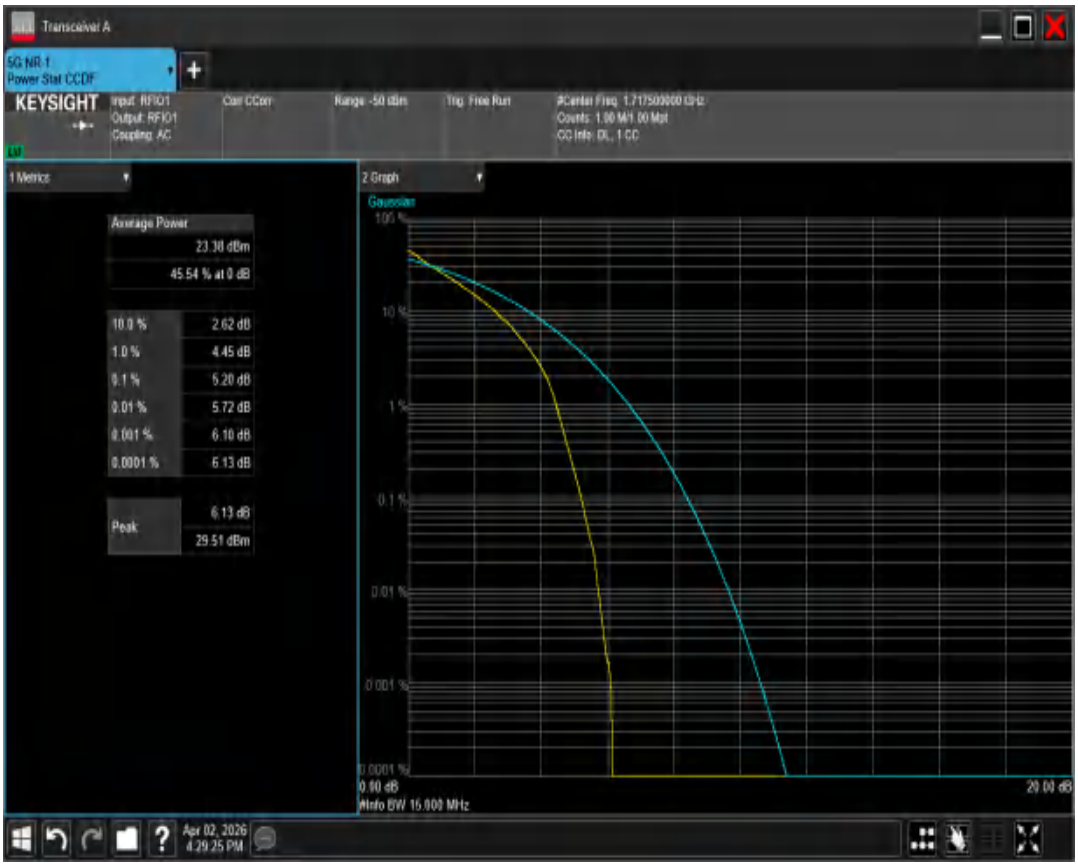
n66 SCS=15kHz DFT_QPSK BW=10MHz Channel=343000 RB=50@0



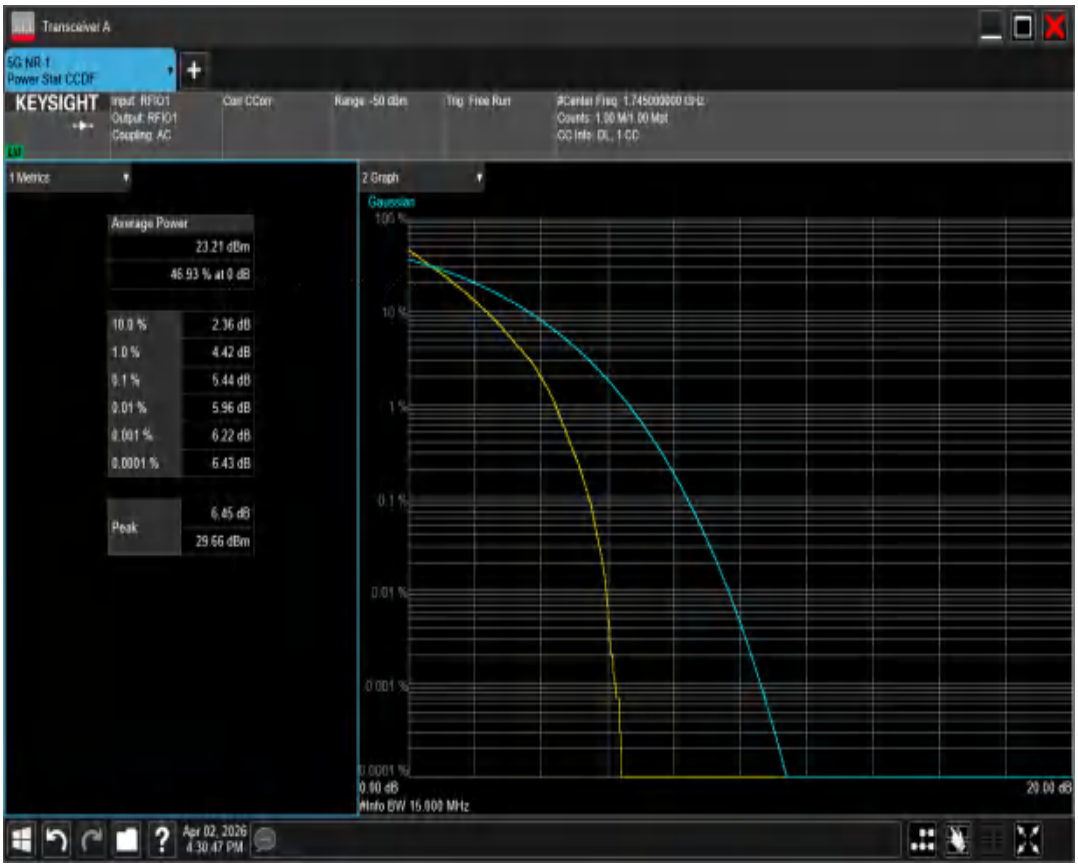
n66 SCS=15kHz DFT_QPSK BW=10MHz Channel=355000 RB=50@0



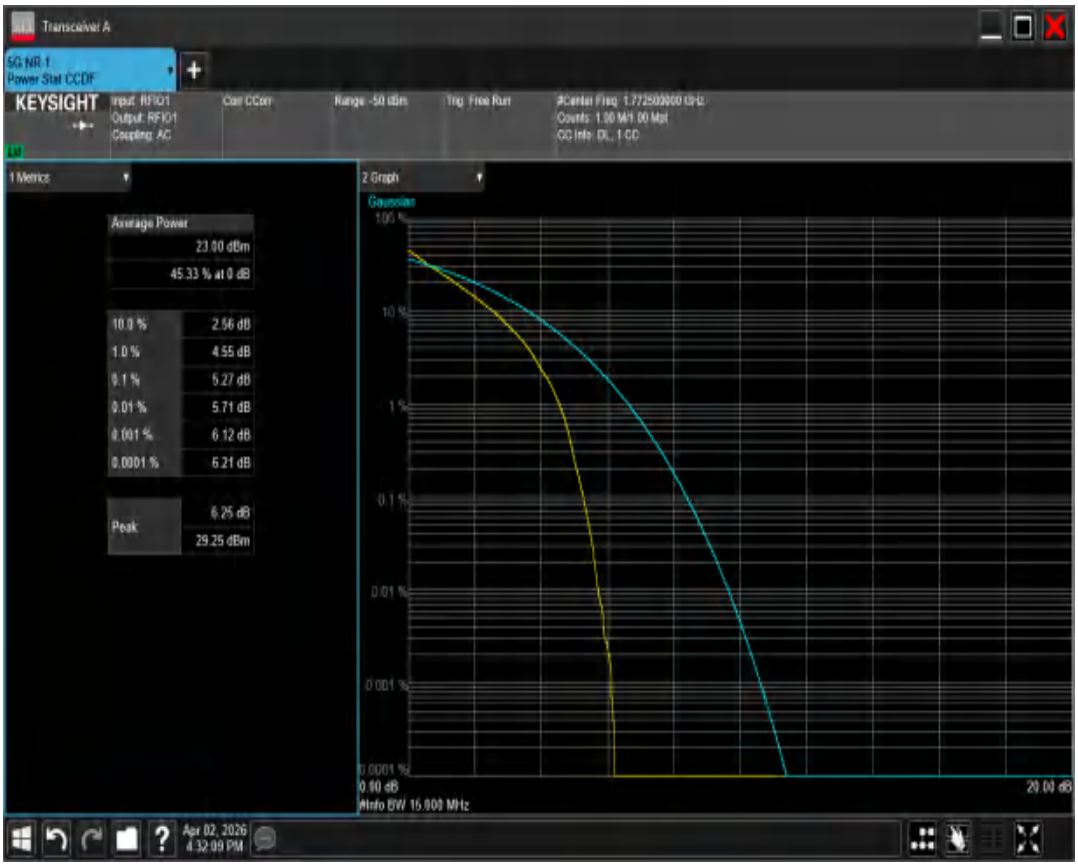
n66 SCS=15kHz DFT_QPSK BW=15MHz Channel=343500 RB=75@0



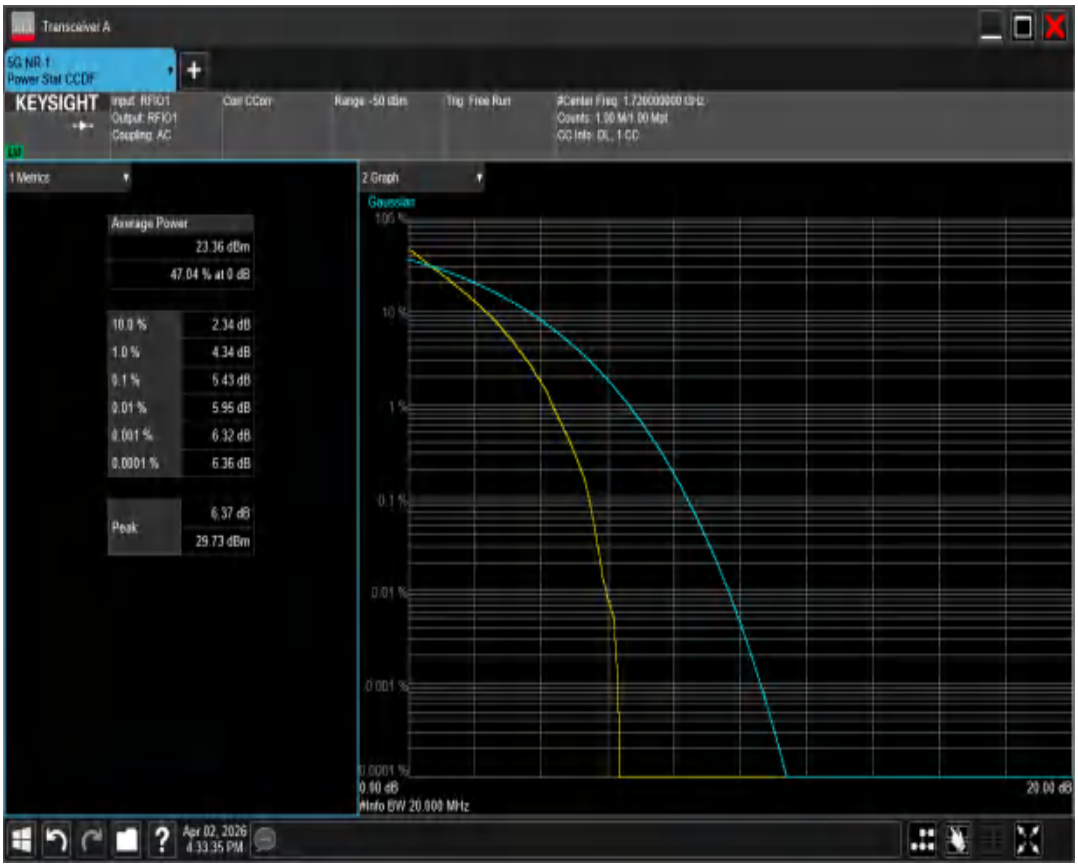
n66 SCS=15kHz DFT_QPSK BW=15MHz Channel=349000 RB=75@0



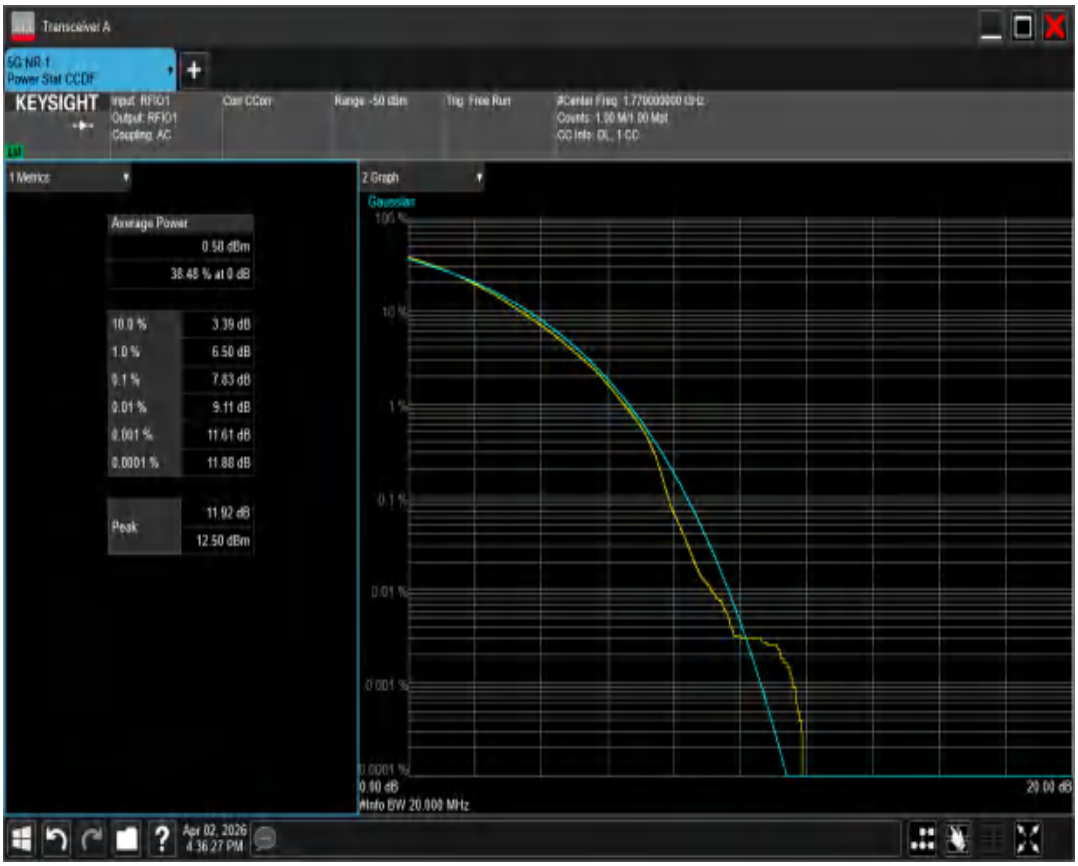
n66 SCS=15kHz DFT_QPSK BW=15MHz Channel=354500 RB=75@0



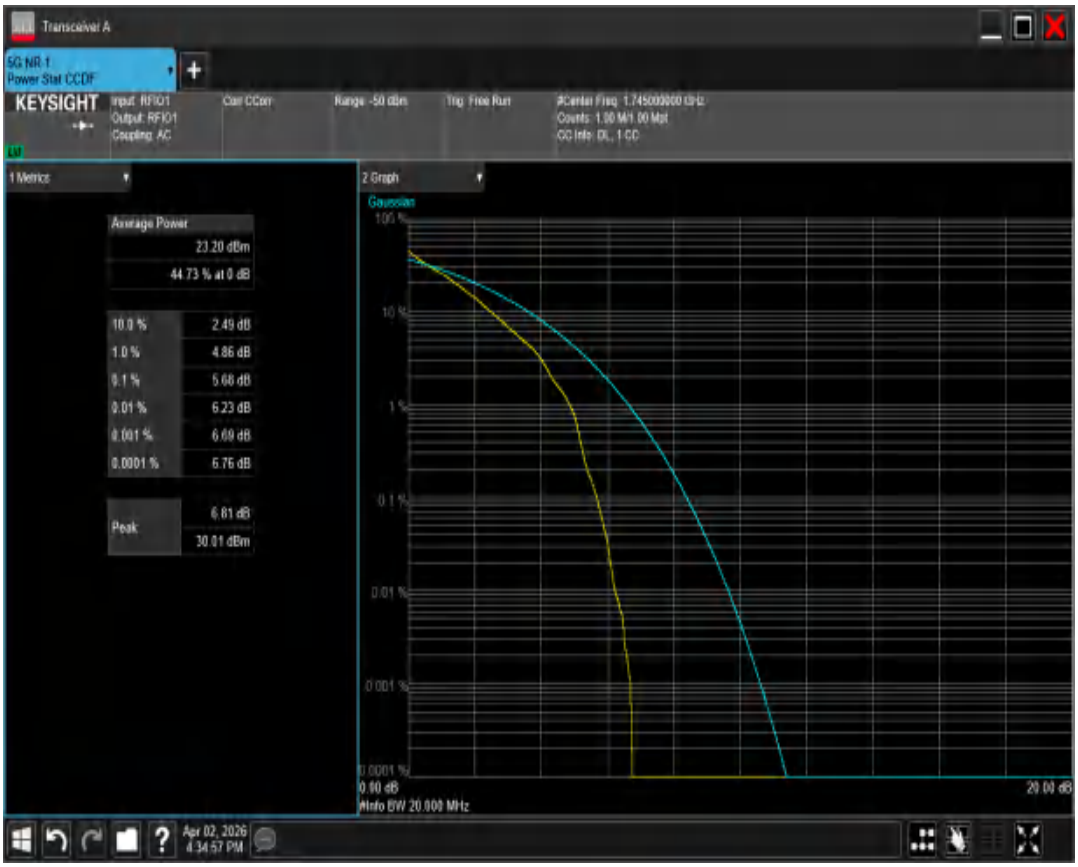
n66 SCS=15kHz DFT_QPSK BW=20MHz Channel=344000 RB=100@0



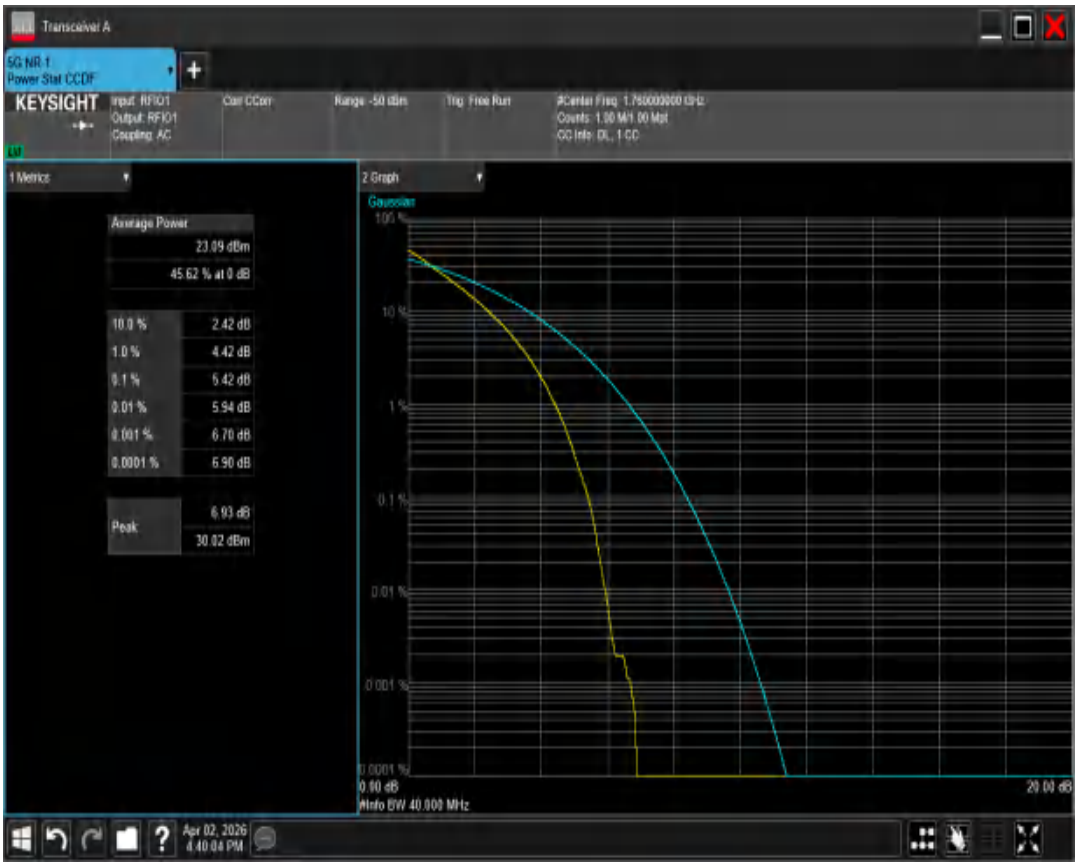
n66 SCS=15kHz DFT_QPSK BW=20MHz Channel=354000 RB=100@0



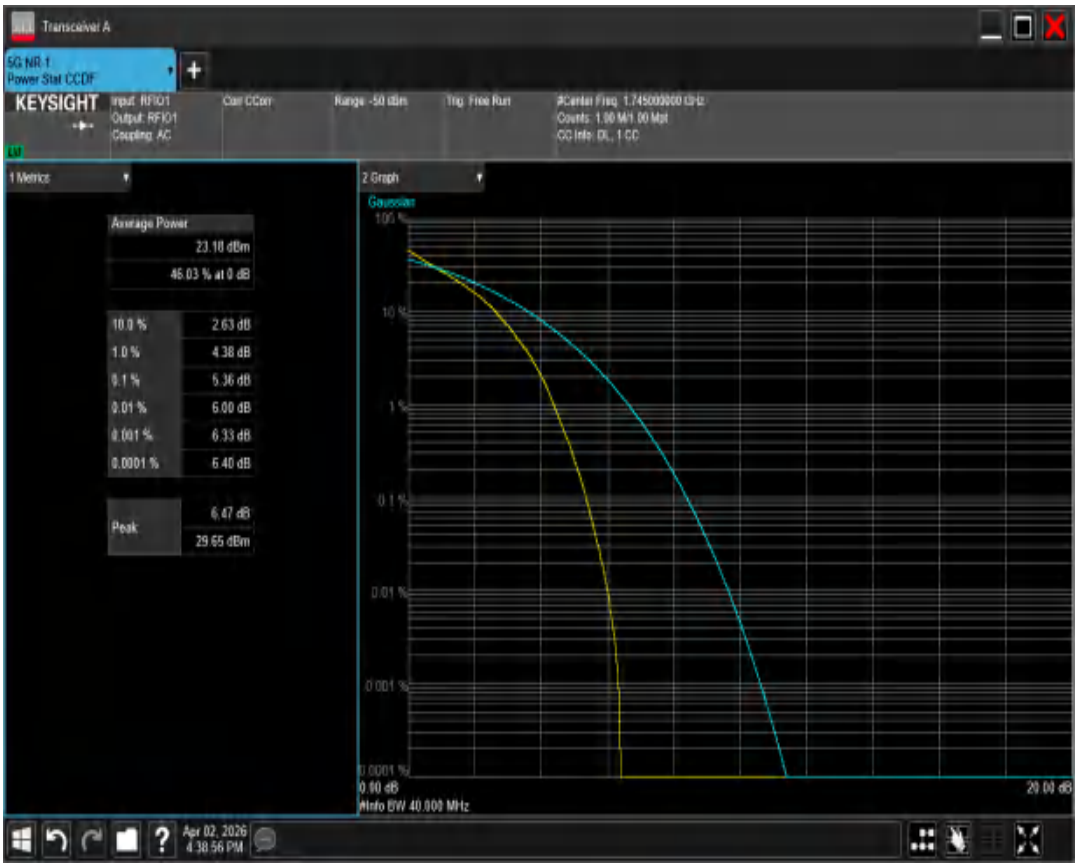
n66 SCS=15kHz DFT_QPSK BW=20MHz Channel=349000 RB=100@0



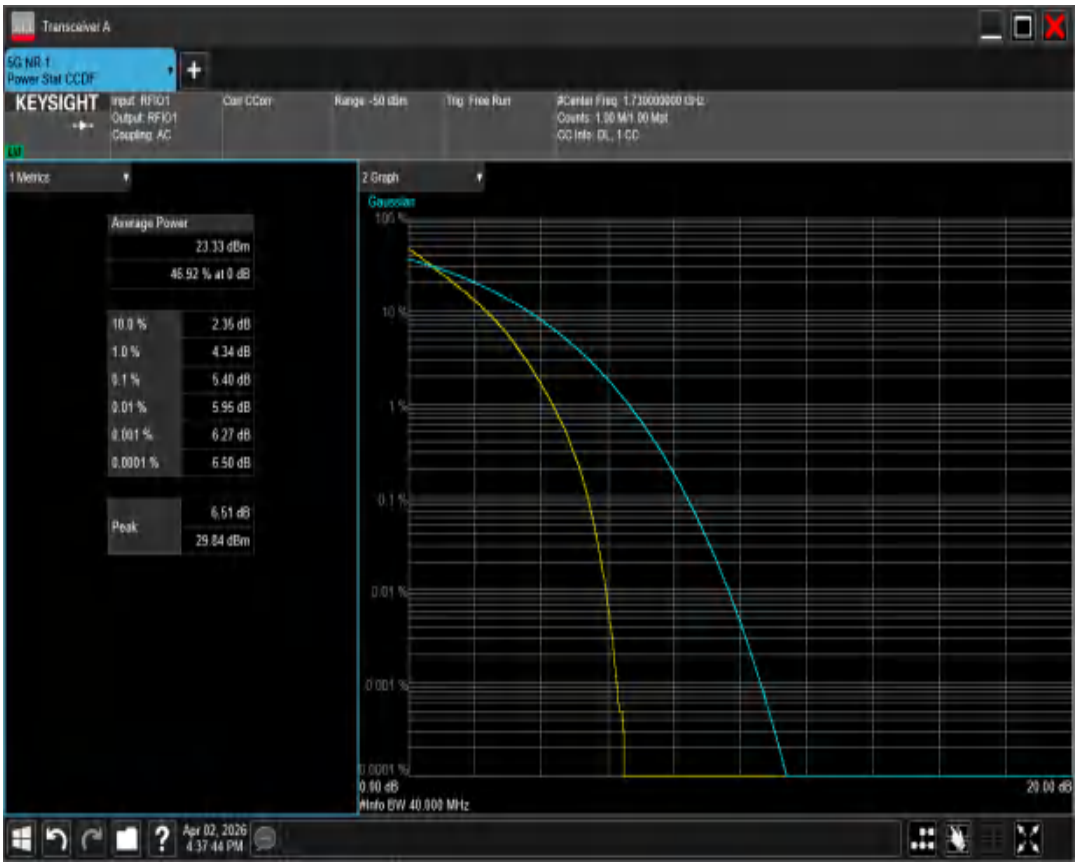
n66 SCS=15kHz DFT_QPSK BW=40MHz Channel=352000 RB=216@0



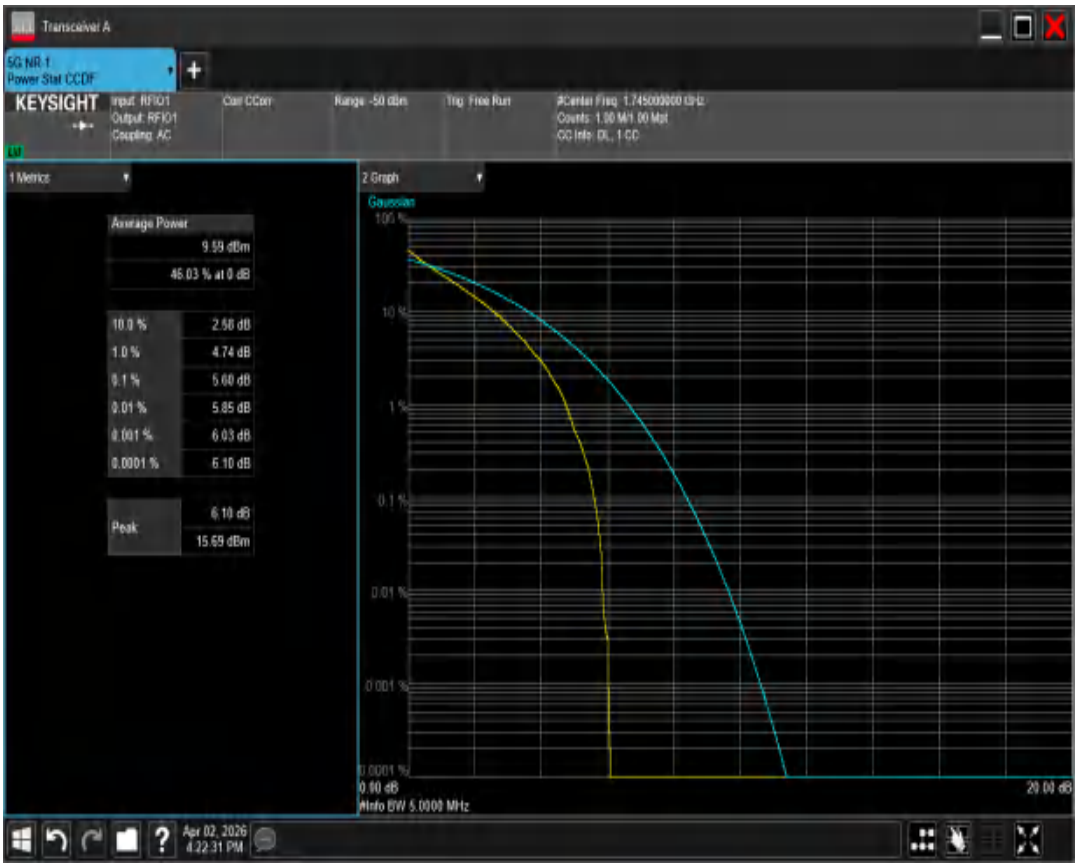
n66 SCS=15kHz DFT_QPSK BW=40MHz Channel=349000 RB=216@0



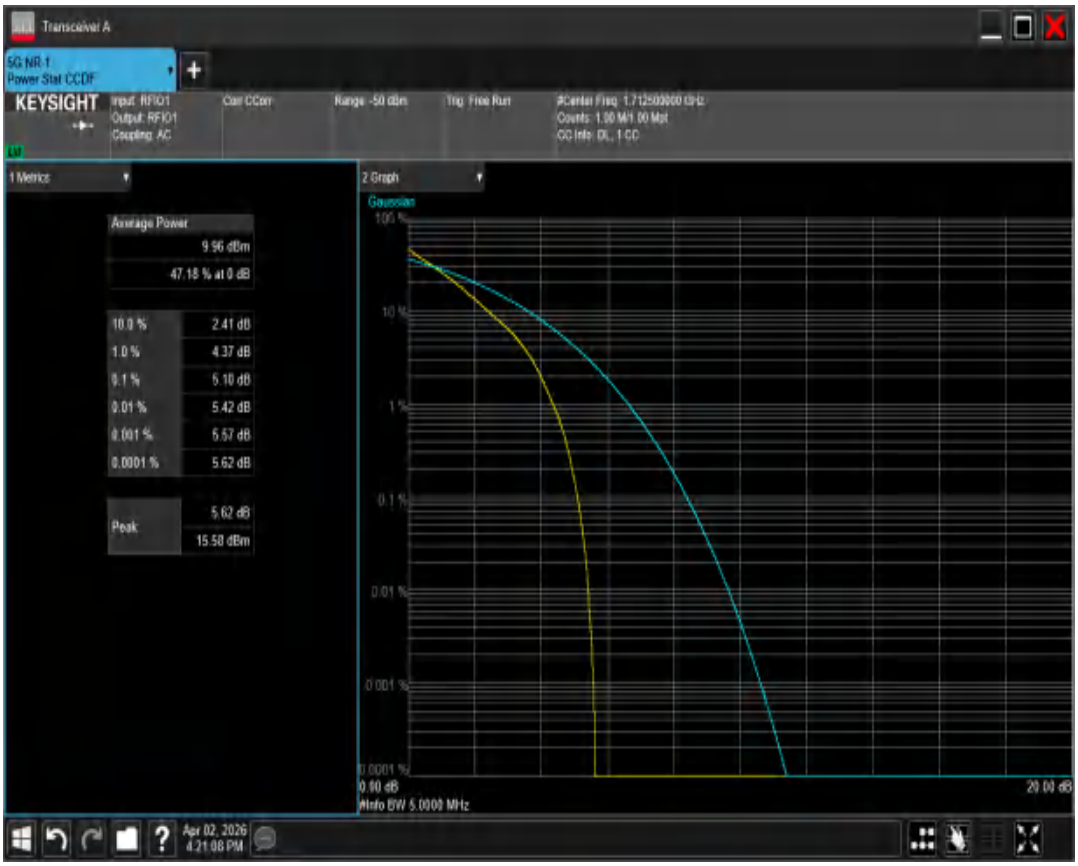
n66 SCS=15kHz DFT_QPSK BW=40MHz Channel=346000 RB=216@0



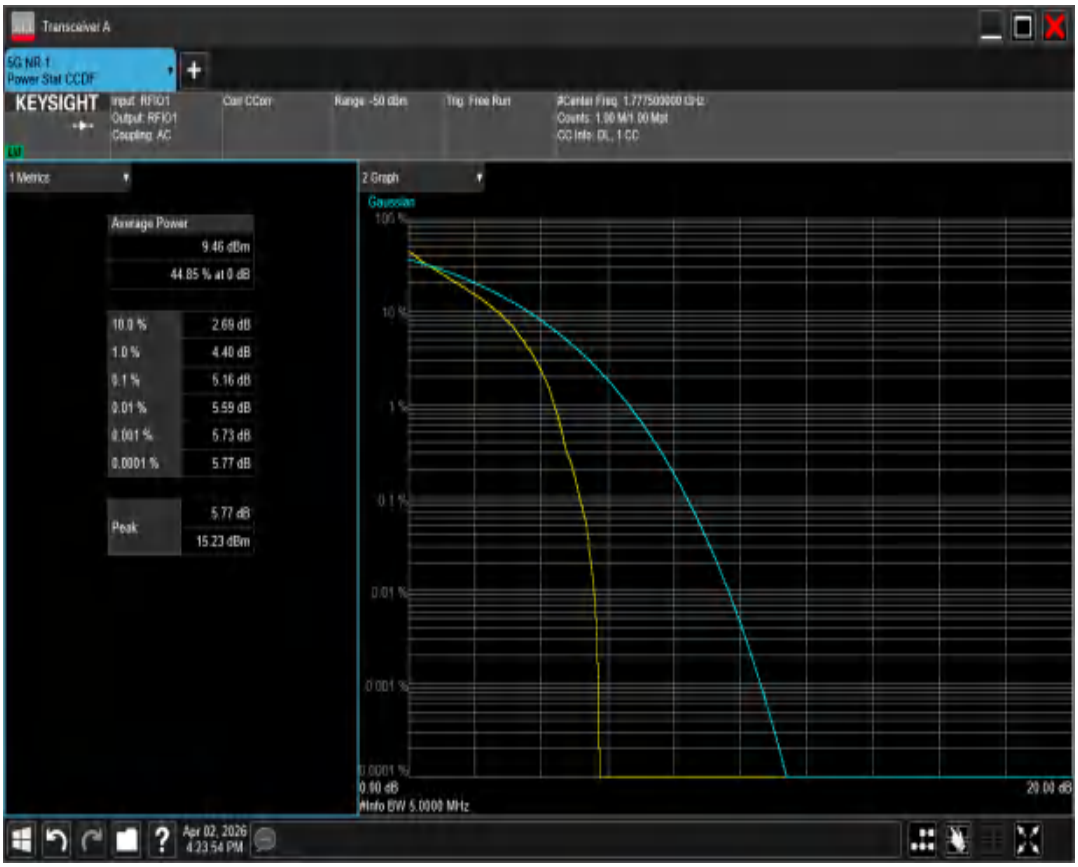
n66 SCS=15kHz DFT_QPSK BW=5MHz Channel=349000 RB=25@0



n66 SCS=15kHz DFT_QPSK BW=5MHz Channel=342500 RB=25@0



n66 SCS=15kHz DFT_QPSK BW=5MHz Channel=355500 RB=25@0


Transceiver A
5G NR 1
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -50 dBm
Trig: Free Run
#Center Freq: 1.777500000 GHz
Counts: 1.00 M/1.00 Mpt
CC Info: DL, 1 CC
1 Metrics
Average Power
9.46 dBm
44.85 % at 0 dB
10.0 % 2.69 dB
1.0 % 4.40 dB
0.1 % 5.16 dB
0.01 % 5.59 dB
0.001 % 5.73 dB
0.0001 % 5.77 dB
Peak 5.77 dB
15.23 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
Apr 02, 2026
4:23:54 PM

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	4.460	4.630	PASS
n66	15	5	349000	25@0	DFT_QPSK	4.470	4.620	PASS
n66	15	5	349000	25@0	DFT_QAM16	4.440	4.580	PASS
n66	15	5	349000	25@0	DFT_QAM64	4.460	4.650	PASS
n66	15	5	349000	25@0	DFT_QAM256	4.460	4.630	PASS
n66	15	10	349000	50@0	DFT_BPSK	9.190	9.110	PASS
n66	15	10	349000	50@0	DFT_QPSK	9.220	9.160	PASS
n66	15	10	349000	50@0	DFT_QAM16	9.210	9.160	PASS
n66	15	10	349000	50@0	DFT_QAM64	9.180	9.110	PASS
n66	15	10	349000	50@0	DFT_QAM256	9.140	9.130	PASS
n66	15	15	349000	75@0	DFT_BPSK	13.990	13.680	PASS
n66	15	15	349000	75@0	DFT_QPSK	13.980	13.660	PASS
n66	15	15	349000	75@0	DFT_QAM16	13.930	13.600	PASS
n66	15	15	349000	75@0	DFT_QAM64	13.940	13.660	PASS
n66	15	15	349000	75@0	DFT_QAM256	13.970	13.620	PASS
n66	15	20	349000	100@0	DFT_BPSK	18.750	18.140	PASS
n66	15	20	349000	100@0	DFT_QPSK	18.780	18.160	PASS
n66	15	20	349000	100@0	DFT_QAM16	18.760	18.160	PASS
n66	15	20	349000	100@0	DFT_QAM64	18.760	18.140	PASS
n66	15	20	349000	100@0	DFT_QAM256	18.650	18.120	PASS
n66	15	40	349000	216@0	DFT_BPSK	38.460	39.060	PASS
n66	15	40	349000	216@0	DFT_QPSK	38.480	39.040	PASS
n66	15	40	349000	216@0	DFT_QAM16	38.510	38.990	PASS
n66	15	40	349000	216@0	DFT_QAM64	38.510	39.160	PASS
n66	15	40	349000	216@0	DFT_QAM256	38.480	39.040	PASS

n66 SCS=15kHz DFT_BPSK BW=10MHz Channel=349000 RB=50@0

n66 SCS=15kHz DFT_BPSK BW=40MHz Channel=349000 RB=216@0

n66 SCS=15kHz DFT_BPSK BW=20MHz Channel=349000 RB=100@0

n66 SCS=15kHz DFT_BPSK BW=15MHz Channel=349000 RB=75@0

n66 SCS=15kHz DFT_QAM16 BW=15MHz Channel=349000 RB=75@0

n66 SCS=15kHz DFT_QAM16 BW=20MHz Channel=349000 RB=100@0

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_QAM256 BW=10MHz Channel=349000 RB=50@0

n66 SCS=15kHz DFT_QAM16 BW=5MHz Channel=349000 RB=25@0

n66 SCS=15kHz DFT_QAM16 BW=40MHz Channel=349000 RB=216@0

n66 SCS=15kHz DFT_QAM256 BW=40MHz Channel=349000 RB=216@0

n66 SCS=15kHz DFT_QAM256 BW=5MHz Channel=349000 RB=25@0

n66 SCS=15kHz DFT_QAM256 BW=15MHz Channel=349000 RB=75@0

n66 SCS=15kHz DFT_QAM256 BW=20MHz Channel=349000 RB=100@0

n66 SCS=15kHz DFT_QAM64 BW=20MHz Channel=349000 RB=100@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_QPSK BW=10MHz Channel=349000 RB=50@0

n66 SCS=15kHz DFT_QPSK BW=15MHz Channel=349000 RB=75@0

n66 SCS=15kHz DFT_QAM64 BW=40MHz Channel=349000 RB=216@0

n66 SCS=15kHz DFT_QAM64 BW=5MHz Channel=349000 RB=25@0

n66 SCS=15kHz DFT_QPSK BW=5MHz Channel=349000 RB=25@0

n66 SCS=15kHz DFT_QPSK BW=40MHz Channel=349000 RB=216@0

n66 SCS=15kHz DFT_QPSK BW=20MHz Channel=349000 RB=100@0

KEYSIGHT
Measurement
Duplex FDD
Port REIOT
Freq 1745.00 MHz
Avg 2/2
Meas Cell
NR1
Meas Mode
Meas Select
Meas Channel
PUSCH
Average Count
2
Continuous
Off
Restart
Frequency (GHz)
Amplitude (dBm)
Test Case
6.2B 1.3 FR1 ENDC UE Maximum Output Power
UL RMC Quick Config
OFT-s-OFDM-QPSK
UL RB Allocation Type
Contiguous
UL RB Allocation
Custom
Start/Count
0
100
UL MCS/Type
2 - QPSK
MCS Table
64 QAM
UL Waveform
OFT-s-OFDM
Pi/2 BPSK
OFF
Additional Spectrum Emission
ON
NS_01
P-Max
OFF
p-NR-FR1
20
MAC Padding
DL OFF
uL ON
Test Case Params
Advanced
Disconnect
Aggregate
Quick Config
Load Configuration
Save Configuration
Preset
Local
Scenario
Ready
Copy

5 Band edge for EN-DC

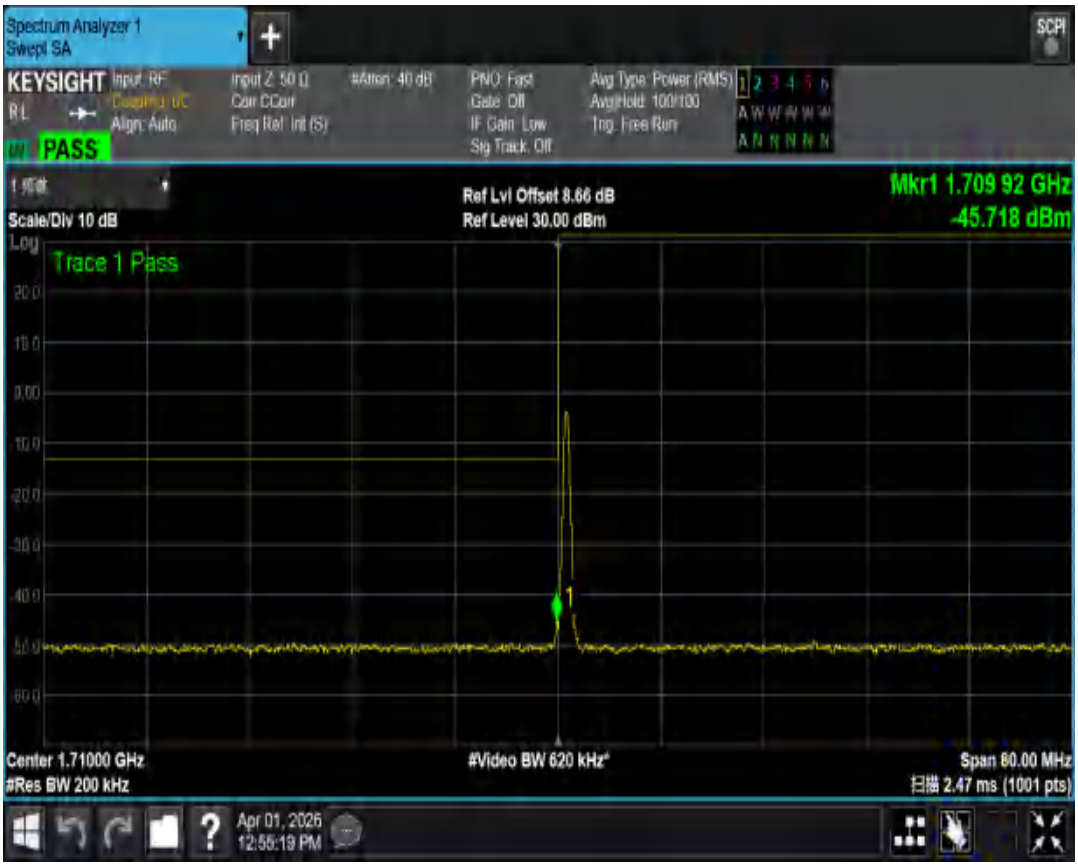
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	5	342500	25@0	CP_QPSK	1710.00	-52.59	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	1710.00	-27.75	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	1705.21	-49.77	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	1780.00	-54.28	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	1784.93	-49.65	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	1780.00	-32.19	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	1704.44	-48.78	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	1710.00	-44.65	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	1701.24	-49.50	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	1784.00	-49.28	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	1794.04	-49.81	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	1780.00	-47.84	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	1710.00	-45.79	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	1709.92	-45.71	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	1674.56	-49.72	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	1780.00	-45.60	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	1792.00	-49.76	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	1780.00	-43.92	-13	PASS

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@105

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=106@0

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@215

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@105

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=106@0

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0

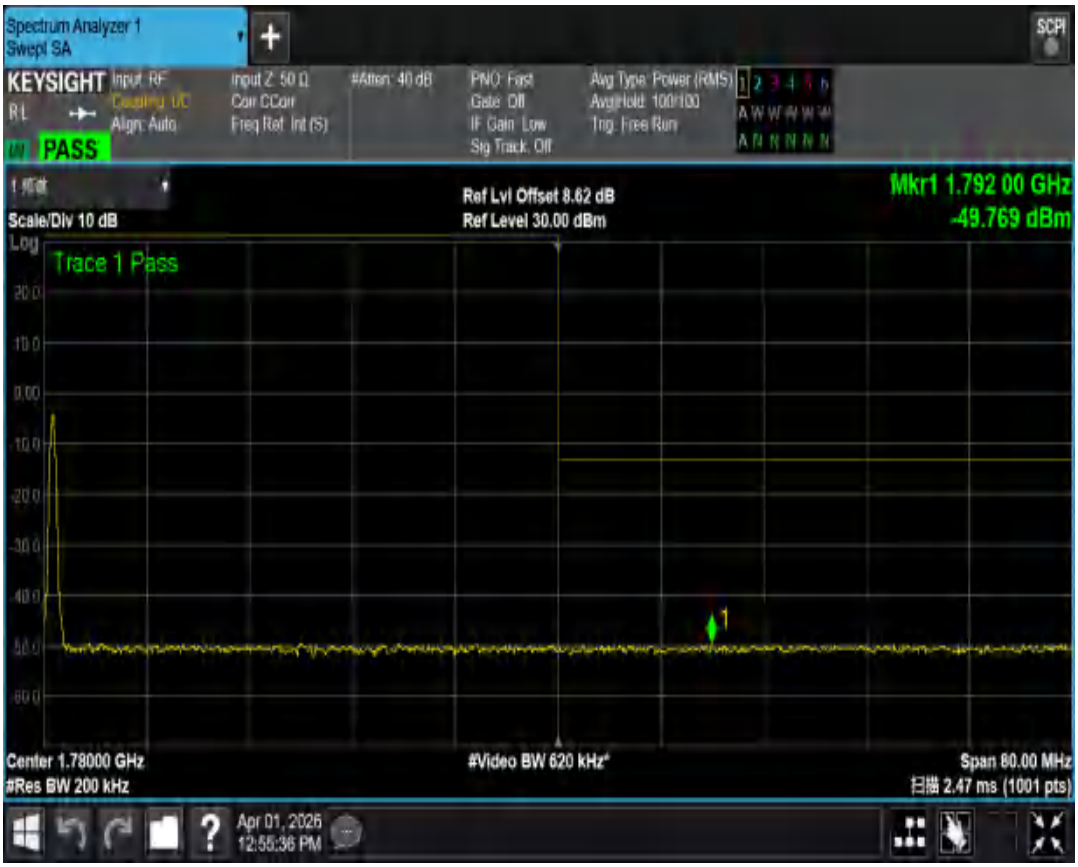
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=216@0

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@0

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@215

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=216@0

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@24

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@0

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=25@0

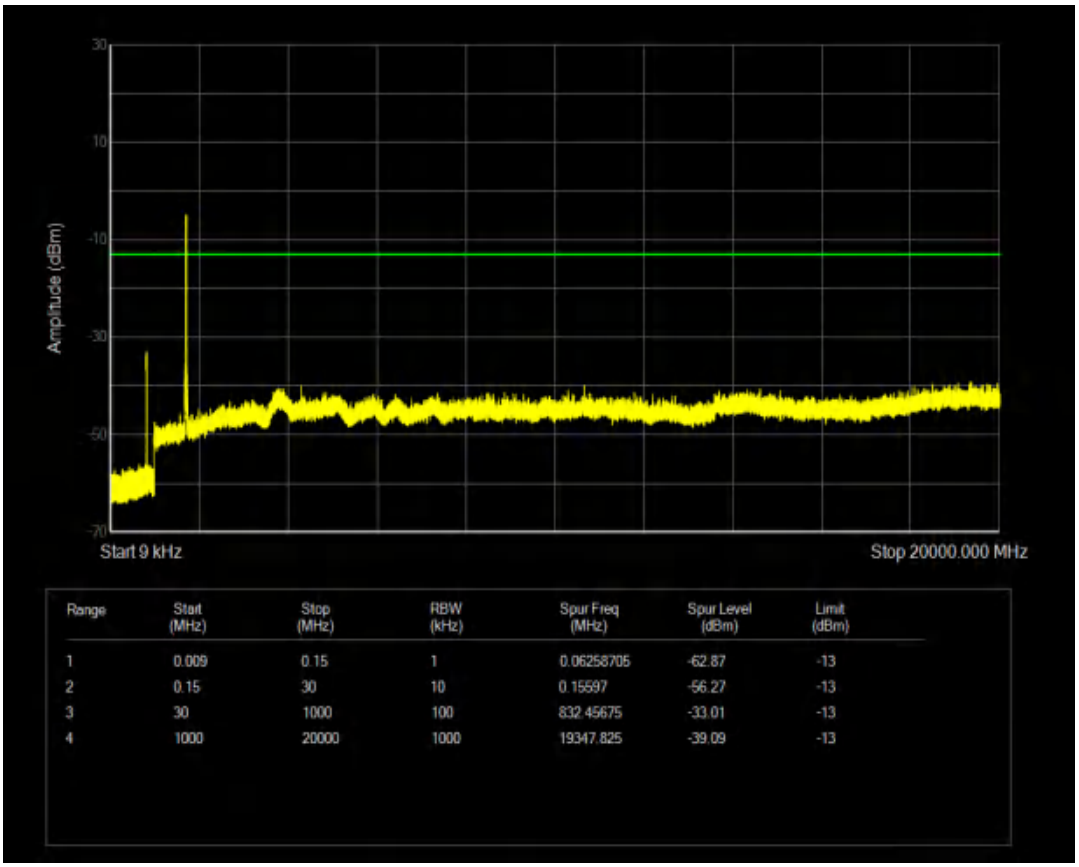
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=25@0

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@24

6 Out-of-band emissions for EN-DC

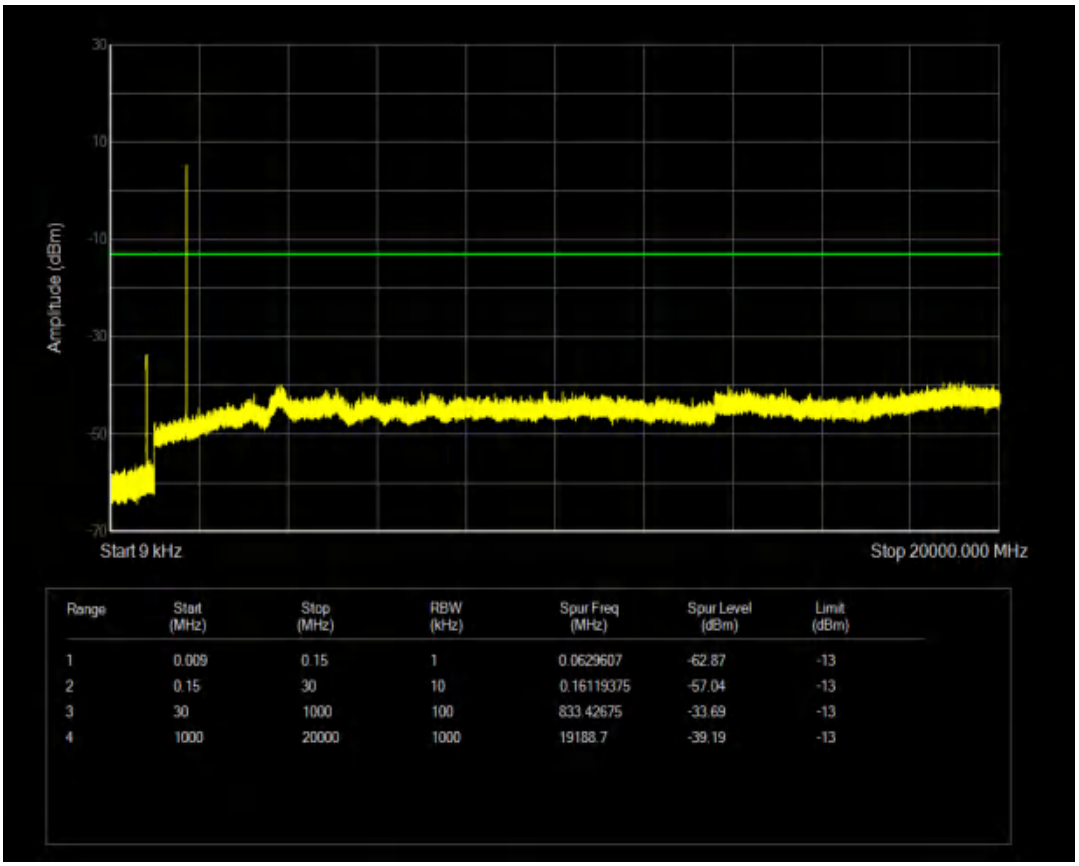
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	5	342500	25@0	CP_QPSK	832.19	-32.96	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	833.96	-33.75	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	832.17	-32.88	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	832.70	-32.35	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	833.67	-34.09	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	832.92	-33.27	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	832.46	-33.01	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	833.40	-33.75	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	833.43	-33.69	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	833.26	-32.52	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	832.97	-33.06	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	833.35	-33.42	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	833.26	-32.22	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	833.89	-34.01	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	832.58	-32.73	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	832.12	-33.46	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	832.24	-33.15	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	832.55	-33.50	-13	PASS

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=106@0



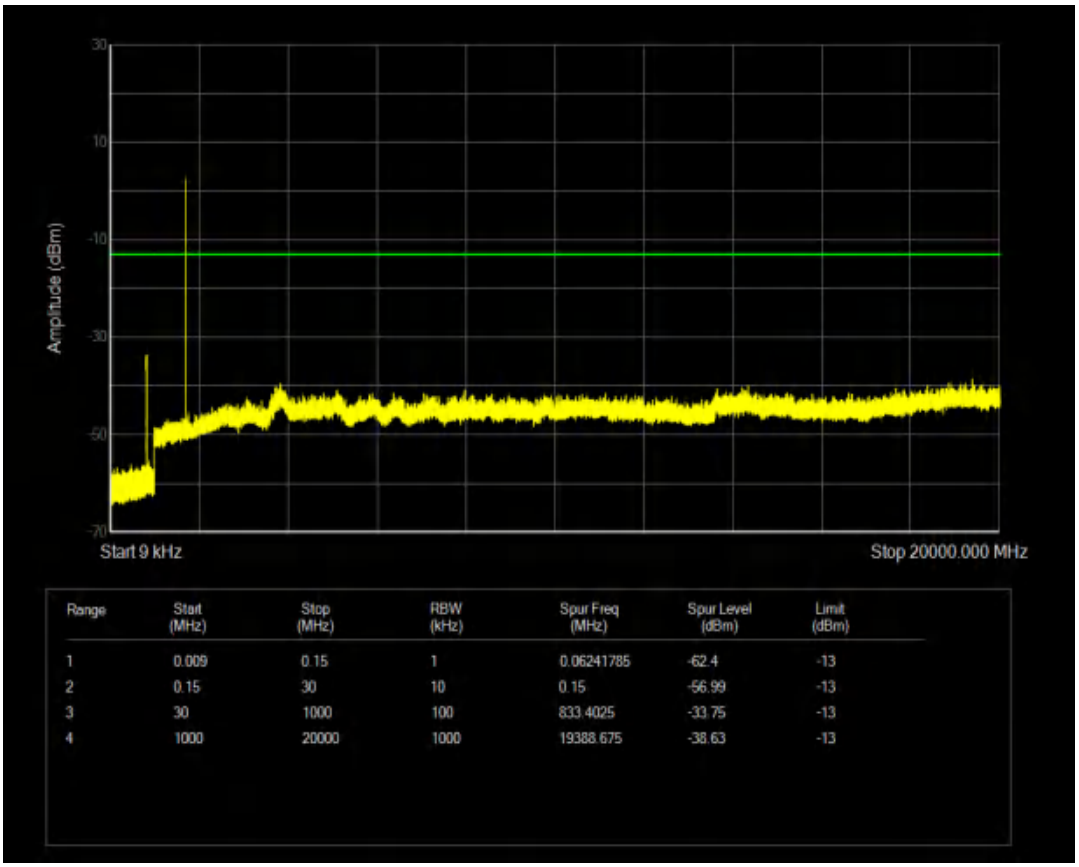
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06258705	-62.87	-13
2	0.15	30	10	0.15597	-56.27	-13
3	30	1000	100	832.45675	-33.01	-13
4	1000	20000	1000	19347.825	-39.09	-13

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@105



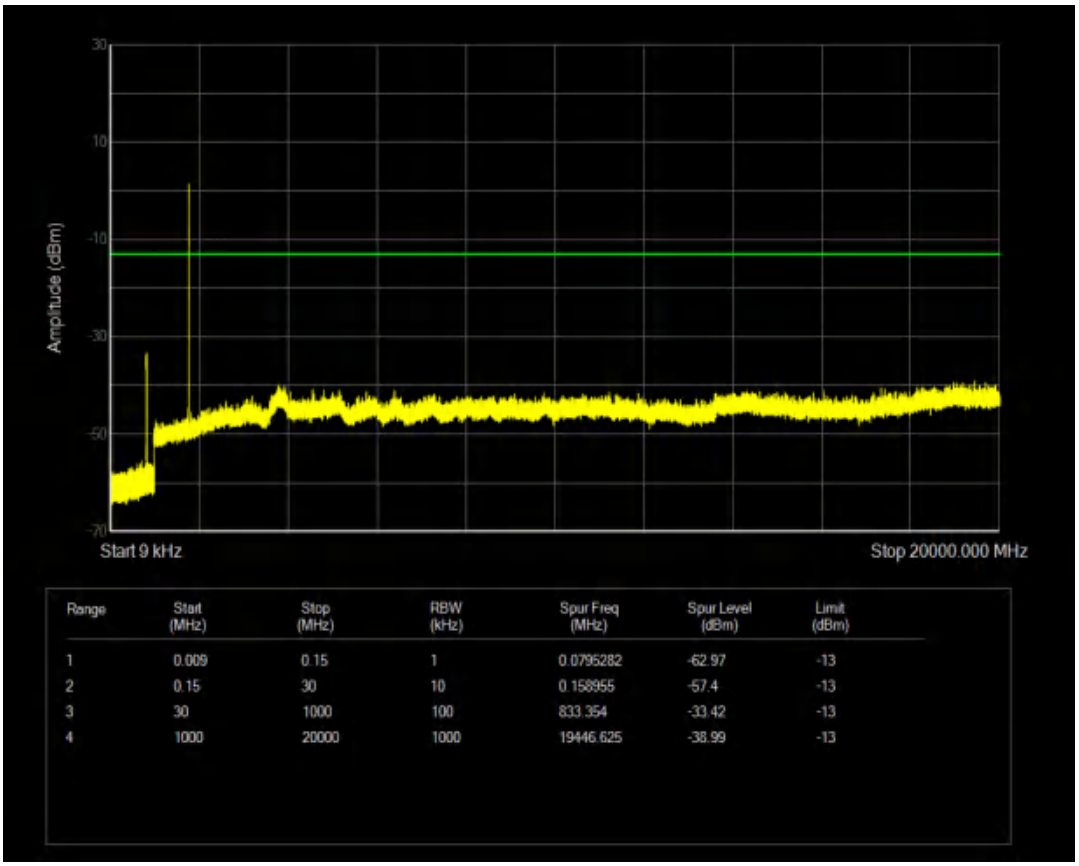
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0629607	-62.87	-13
2	0.15	30	10	0.16119375	-57.04	-13
3	30	1000	100	833.42675	-33.69	-13
4	1000	20000	1000	19188.7	-39.19	-13

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



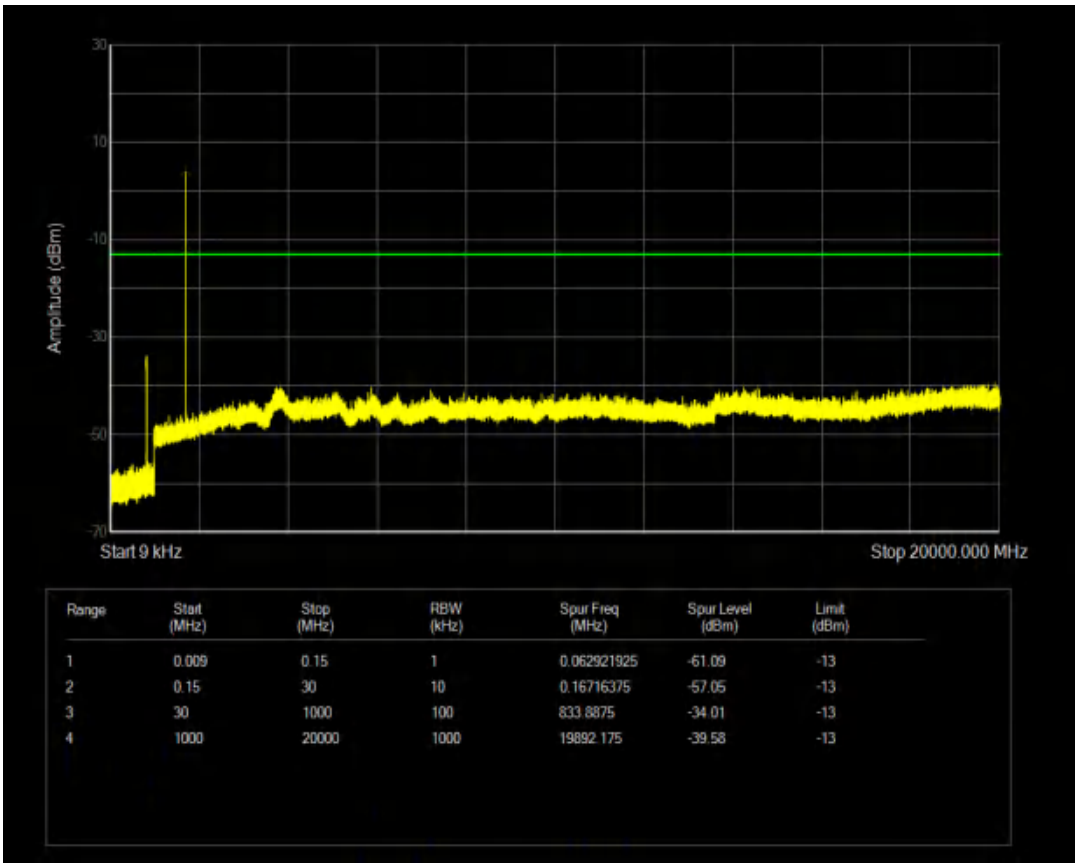
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06241785	-62.4	-13
2	0.15	30	10	0.15	-56.99	-13
3	30	1000	100	833.4025	-33.75	-13
4	1000	20000	1000	19388.675	-38.63	-13

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@105



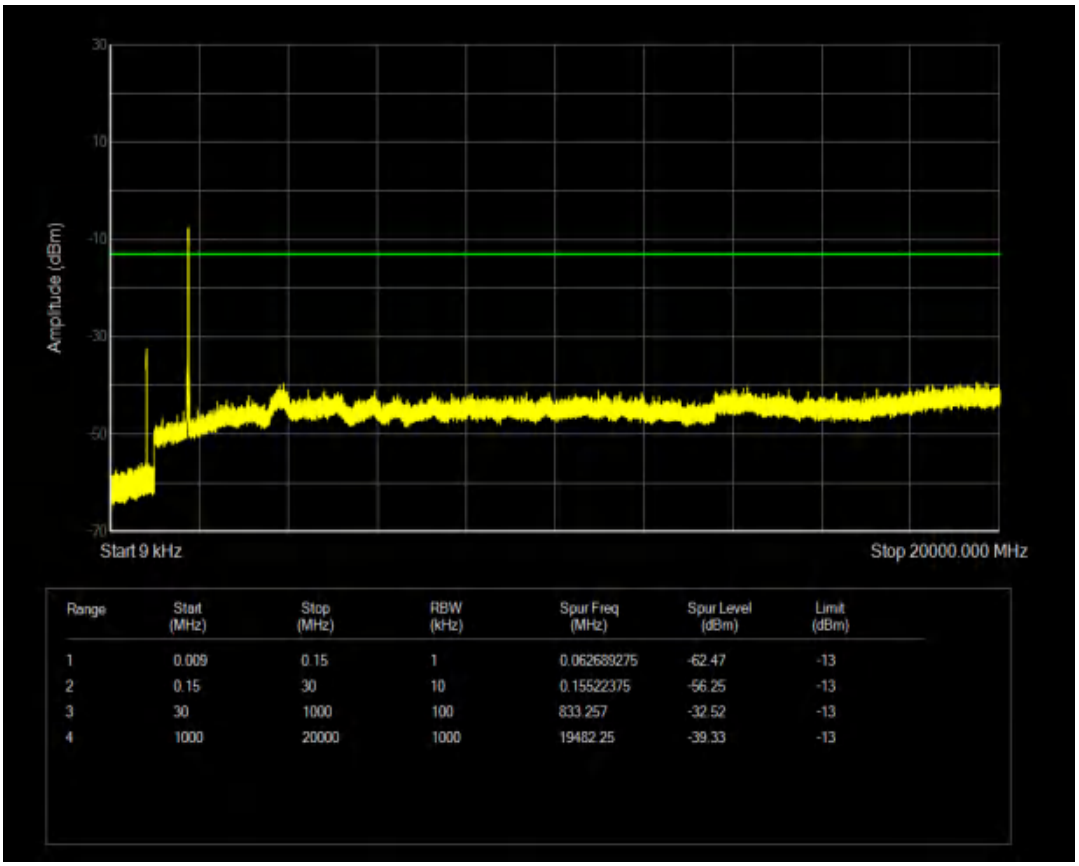
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0795282	-62.97	-13
2	0.15	30	10	0.158955	-57.4	-13
3	30	1000	100	833.354	-33.42	-13
4	1000	20000	1000	19446.625	-38.99	-13

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



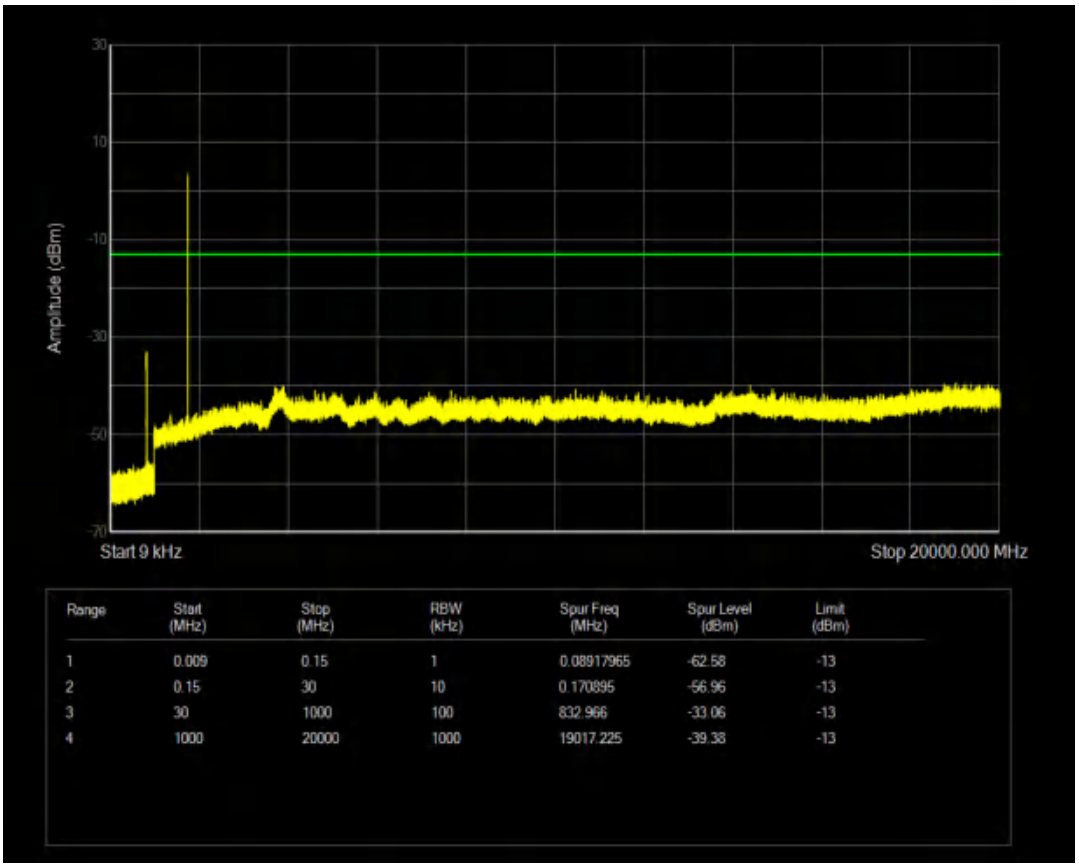
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062921925	-61.09	-13
2	0.15	30	10	0.16716375	-57.05	-13
3	30	1000	100	833.8875	-34.01	-13
4	1000	20000	1000	19892.175	-39.58	-13

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=106@0

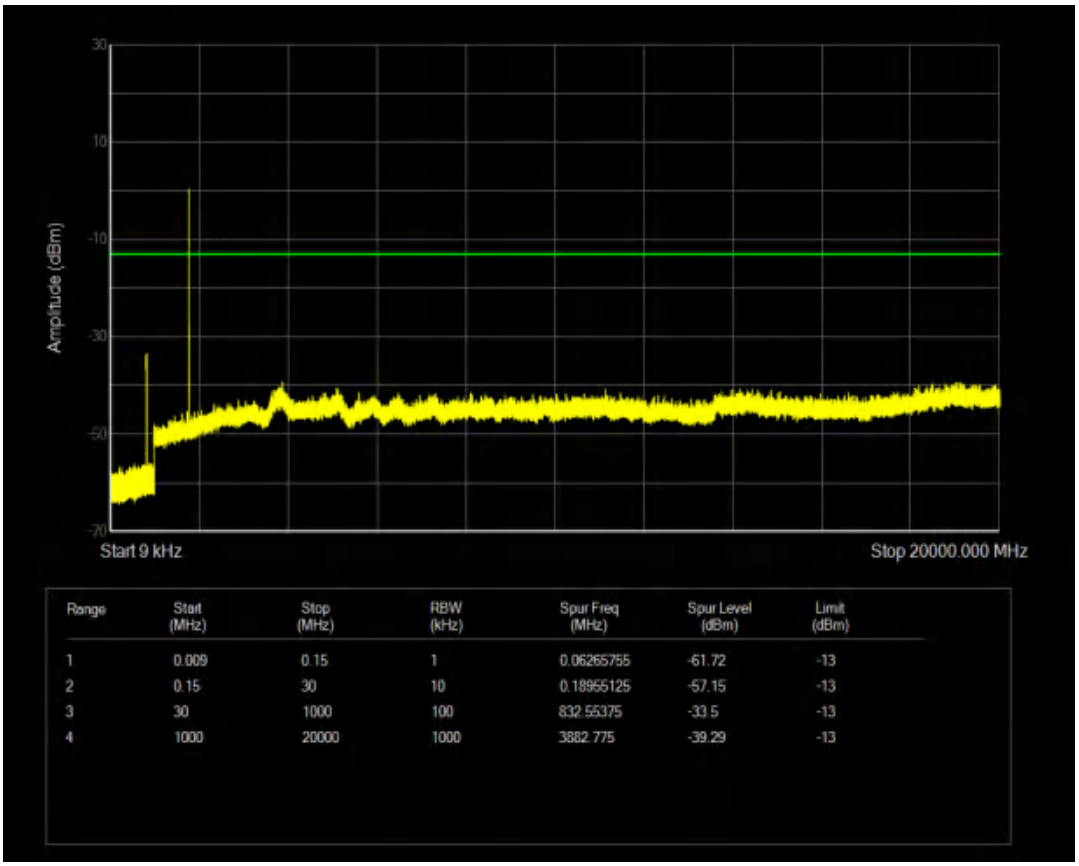


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062689275	-62.47	-13
2	0.15	30	10	0.15522375	-56.25	-13
3	30	1000	100	833.257	-32.52	-13
4	1000	20000	1000	19482.25	-39.33	-13

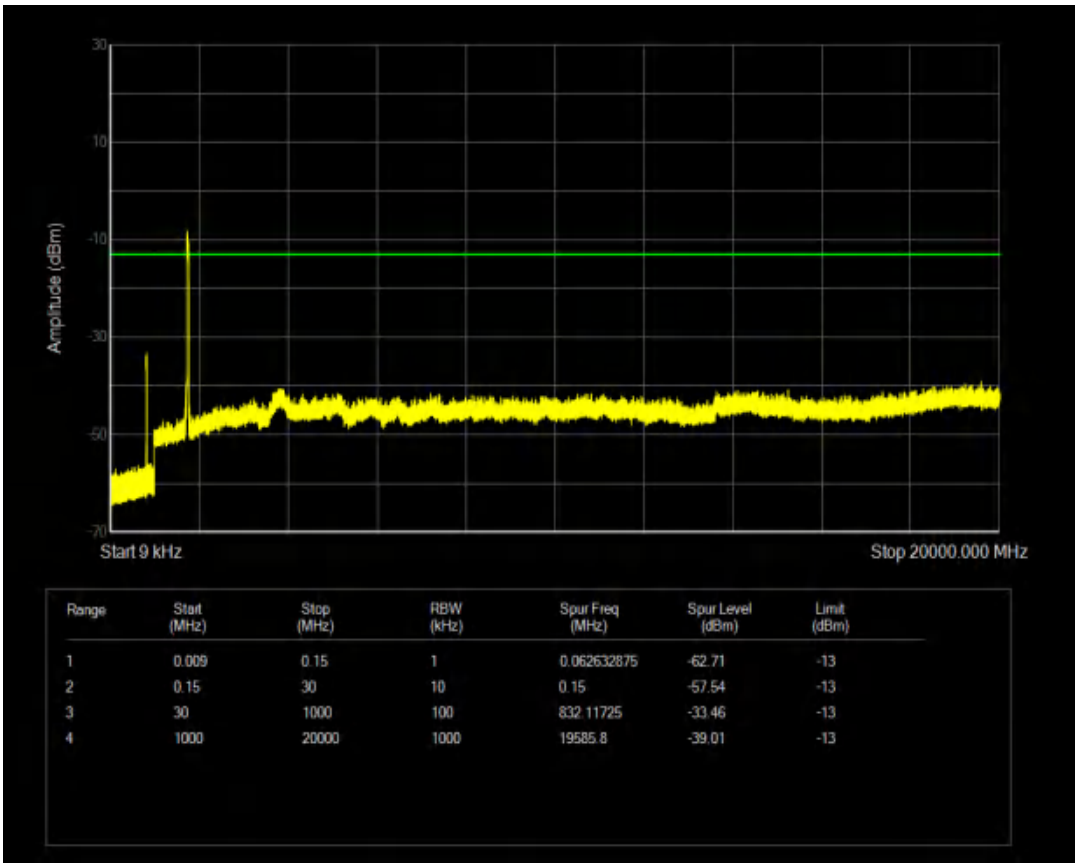
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



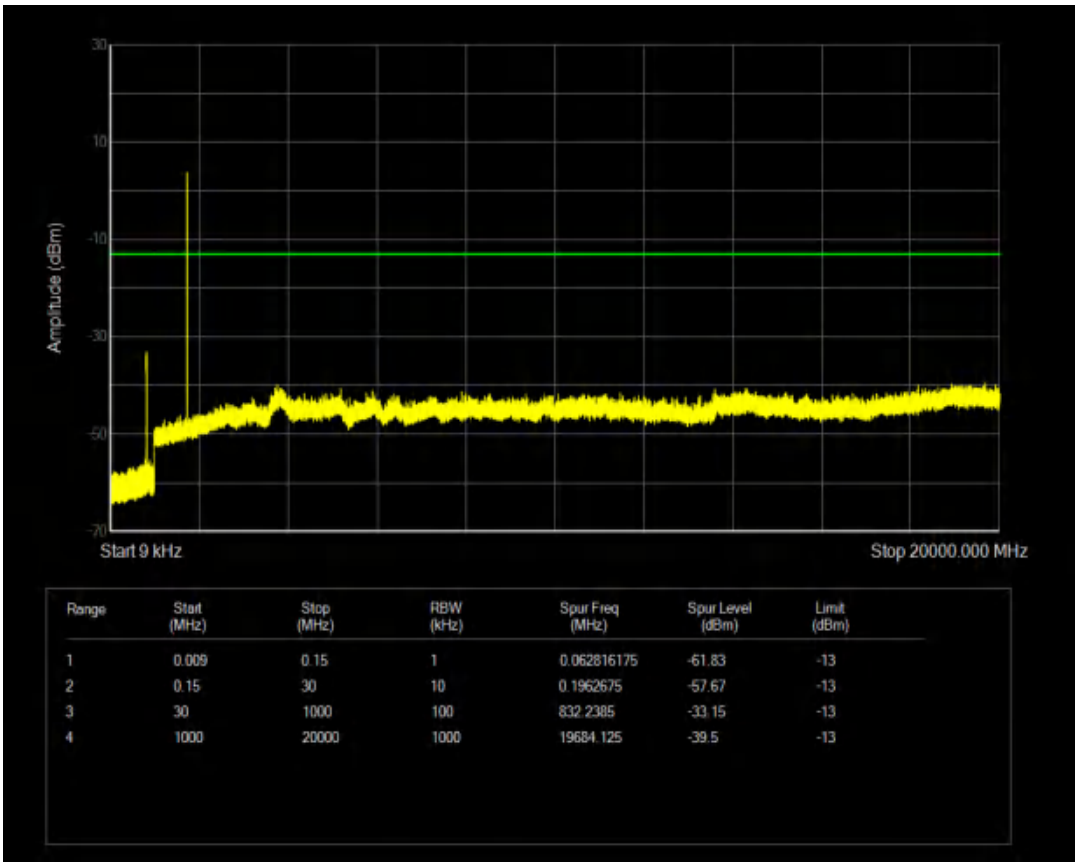
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@215



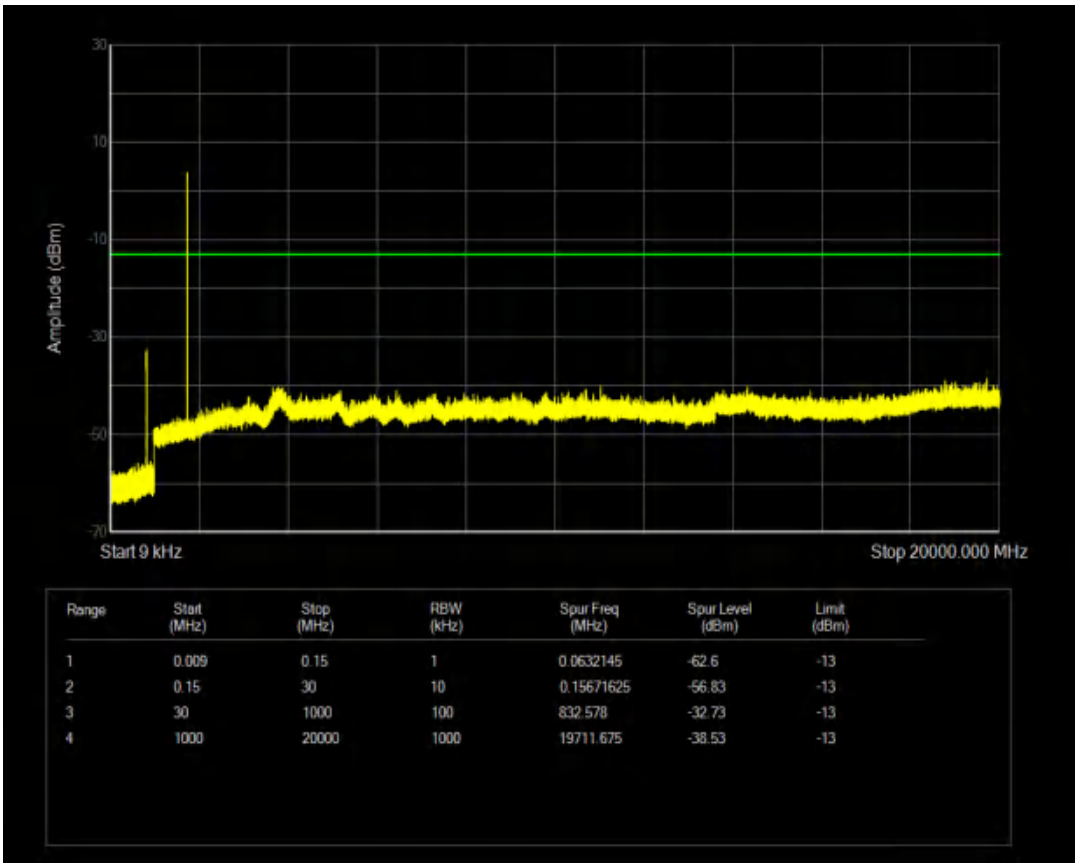
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=216@0



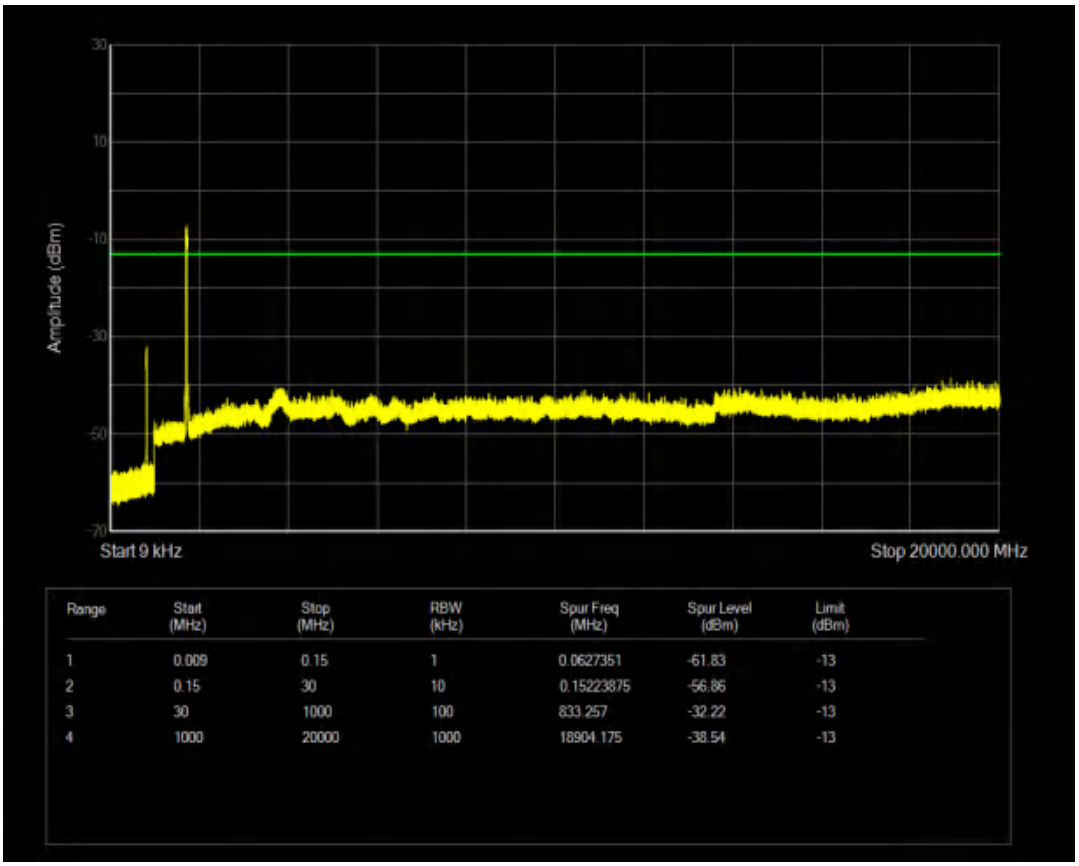
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



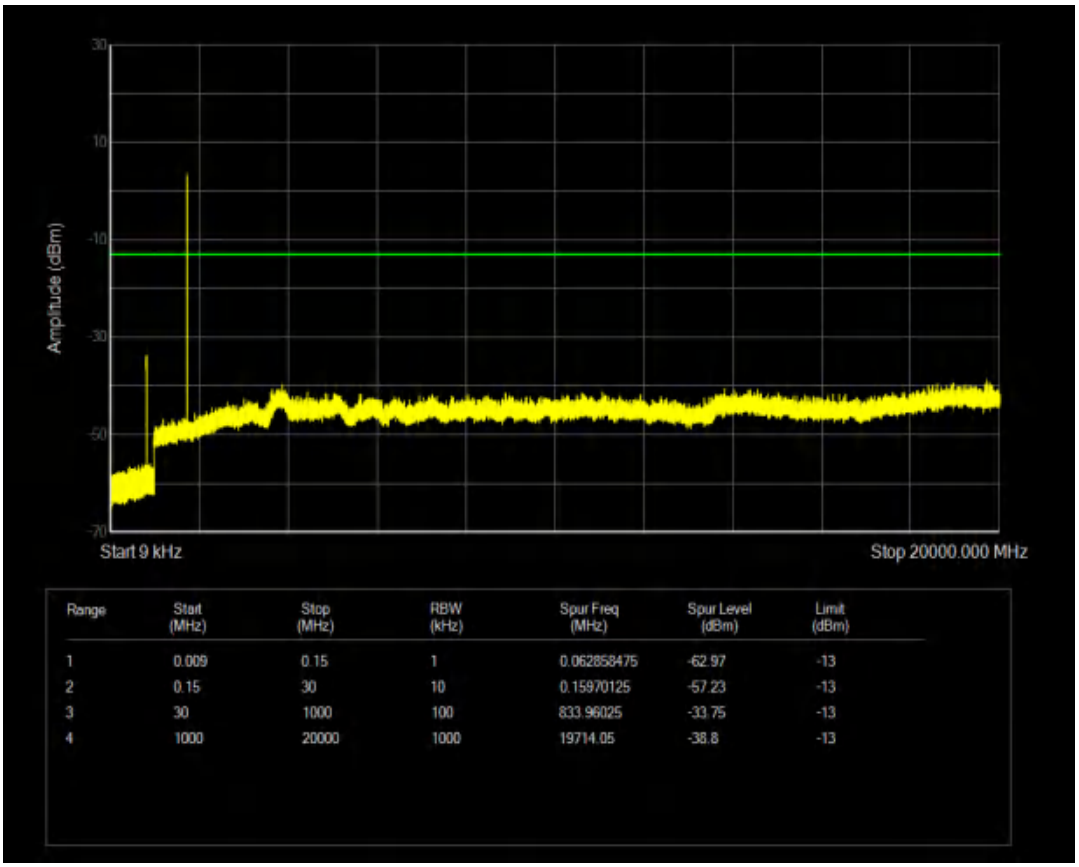
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@215



n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=216@0

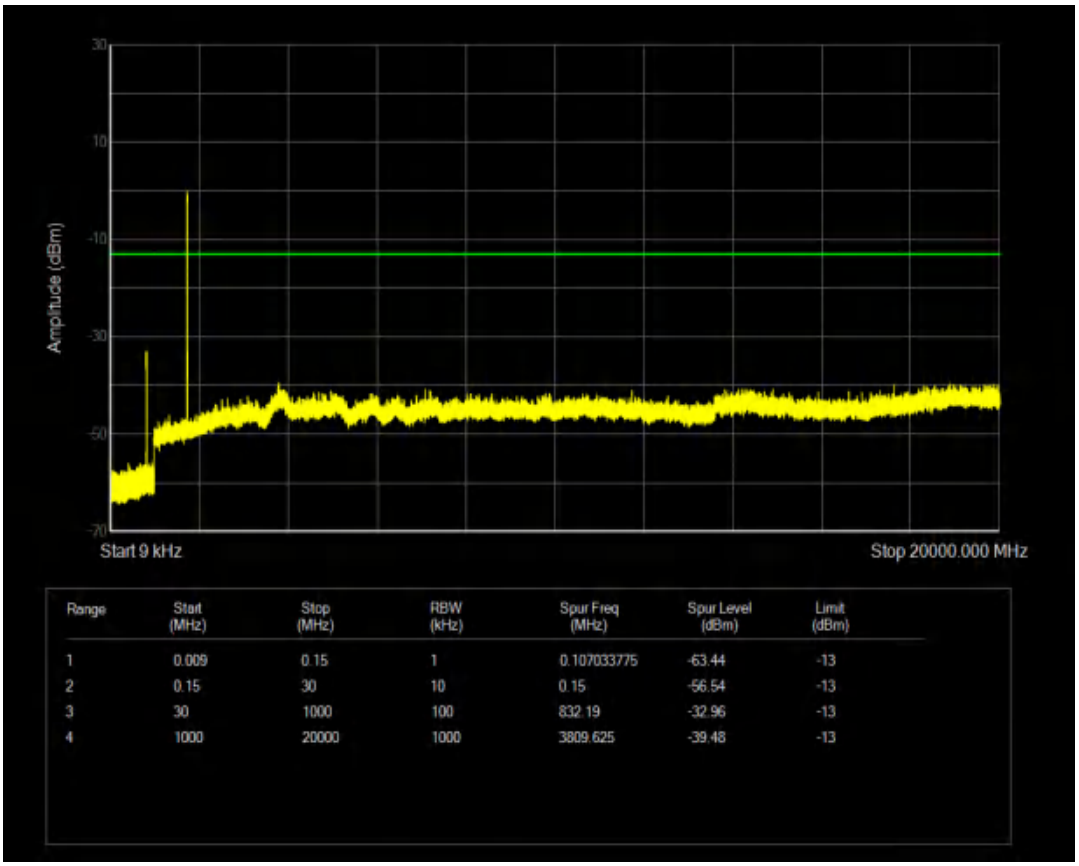


n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@0



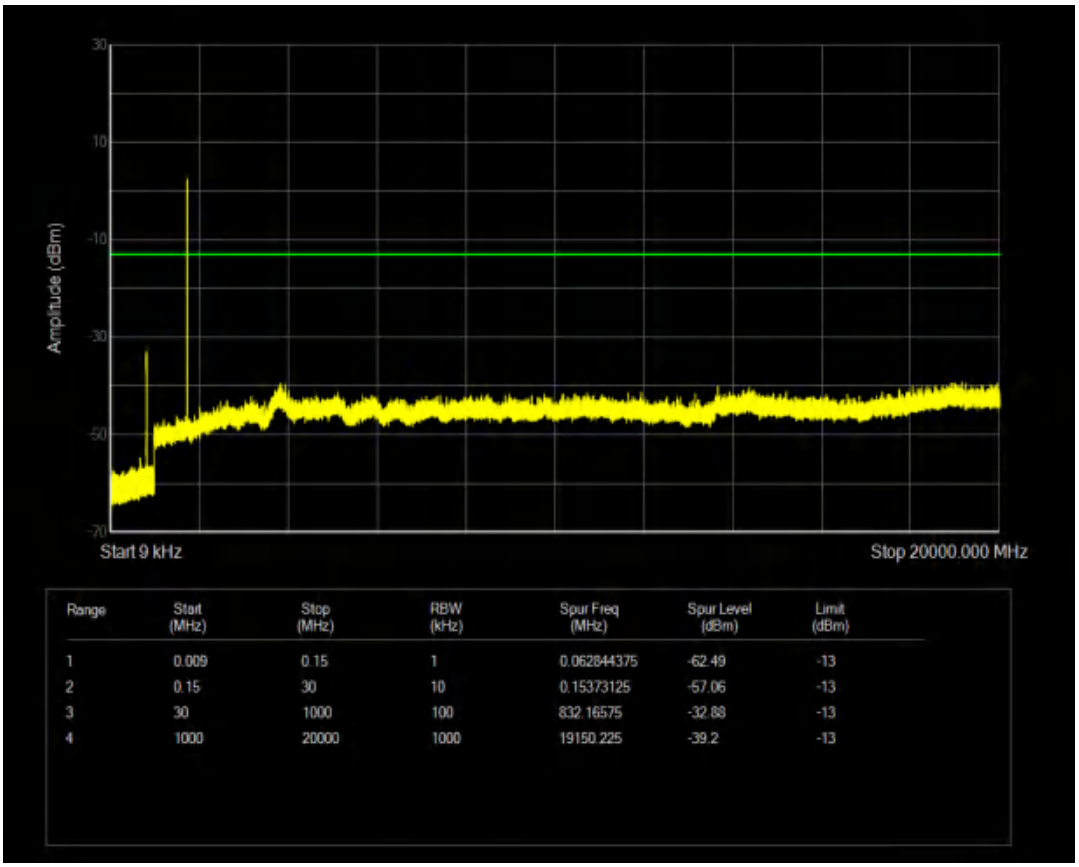
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062858475	-62.97	-13
2	0.15	30	10	0.15970125	-57.23	-13
3	30	1000	100	833.96025	-33.75	-13
4	1000	20000	1000	19714.05	-38.8	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=25@0



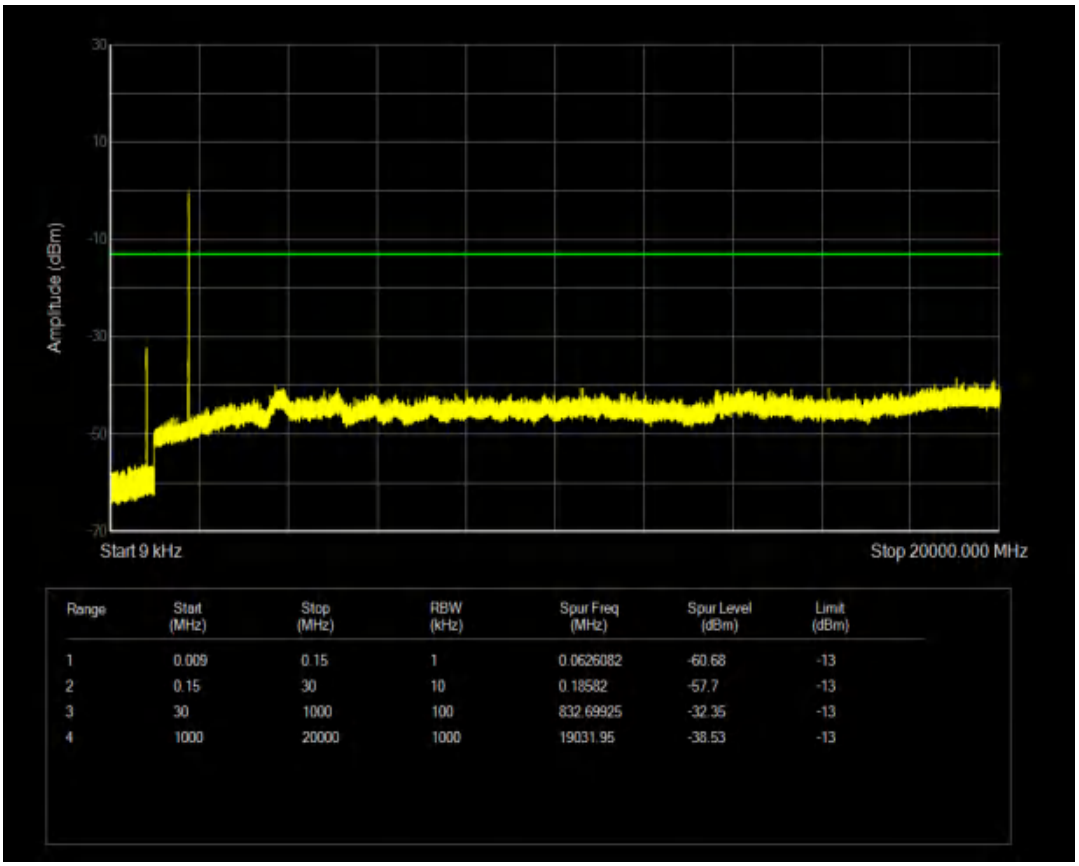
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.107033775	-63.44	-13
2	0.15	30	10	0.15	-56.54	-13
3	30	1000	100	832.19	-32.96	-13
4	1000	20000	1000	3809.625	-39.48	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@24



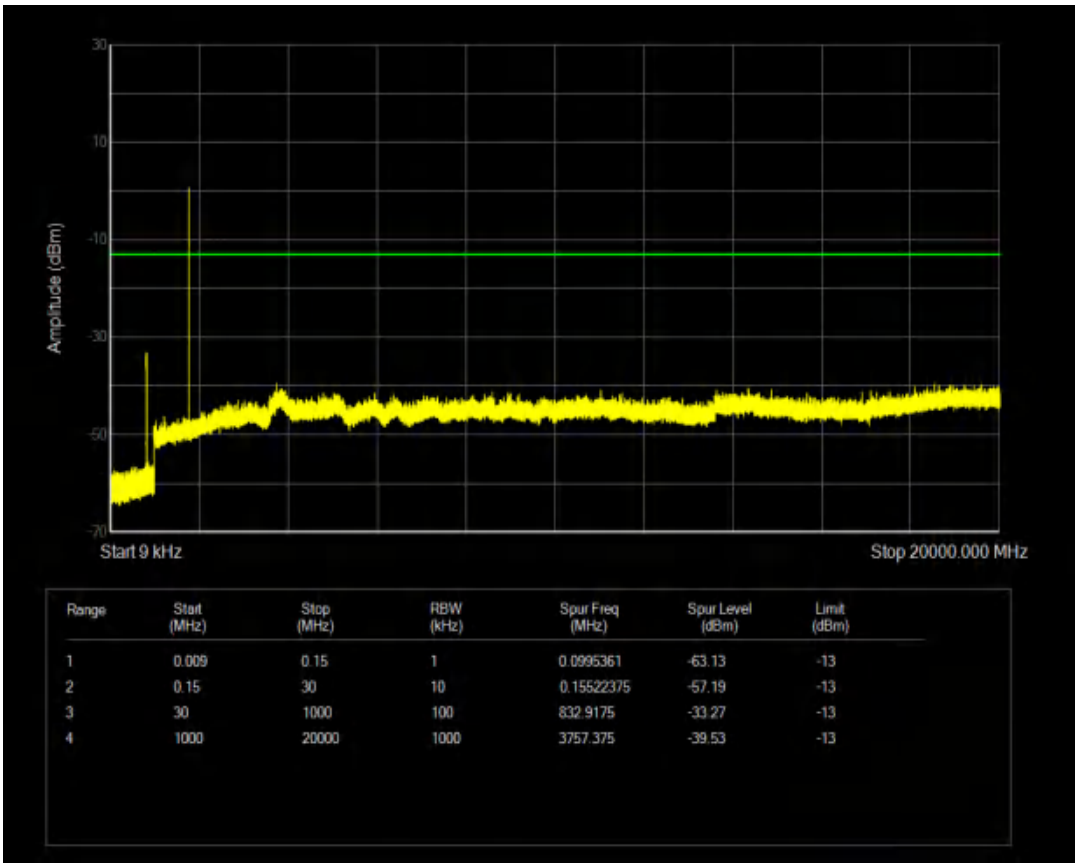
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062844375	-62.49	-13
2	0.15	30	10	0.15373125	-57.06	-13
3	30	1000	100	832.16575	-32.88	-13
4	1000	20000	1000	19150.225	-39.2	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=25@0



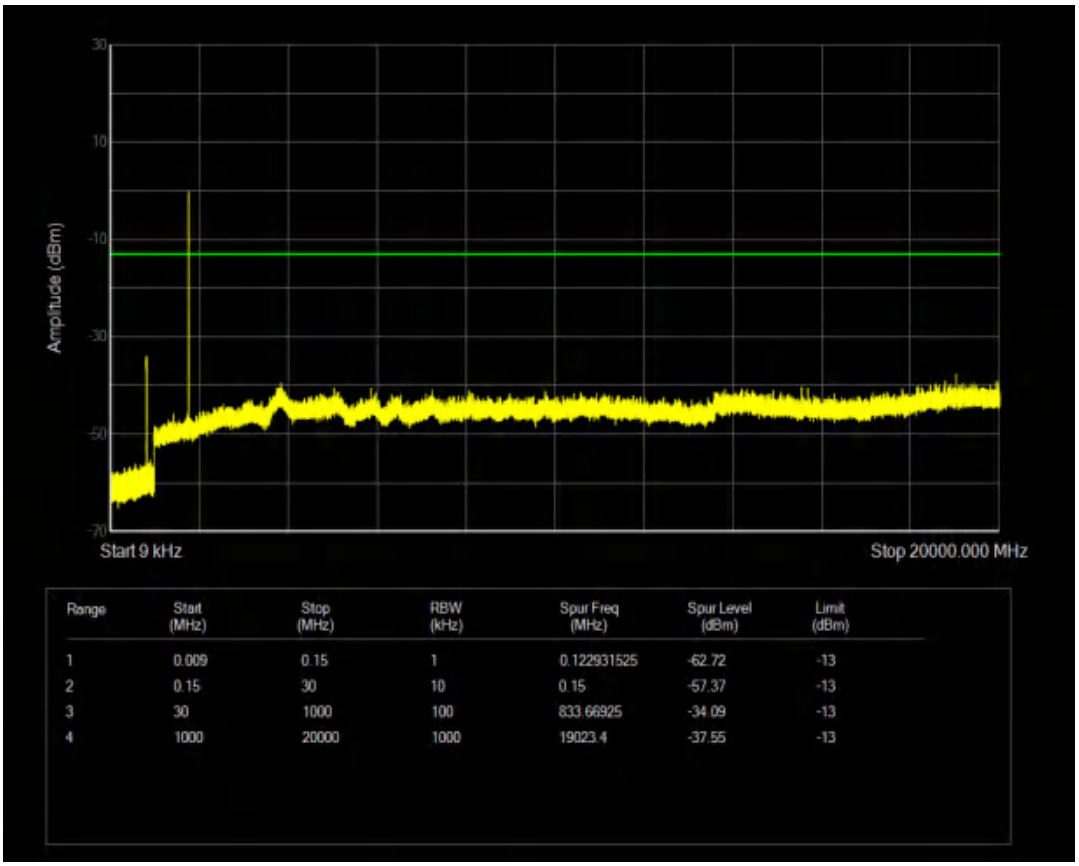
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0626082	-60.68	-13
2	0.15	30	10	0.18582	-57.7	-13
3	30	1000	100	832.69925	-32.35	-13
4	1000	20000	1000	19031.95	-38.53	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@24



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0995361	-63.13	-13
2	0.15	30	10	0.15522375	-57.19	-13
3	30	1000	100	832.9175	-33.27	-13
4	1000	20000	1000	3757.375	-39.53	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.122931525	-62.72	-13
2	0.15	30	10	0.15	-57.37	-13
3	30	1000	100	833.66925	-34.09	-13
4	1000	20000	1000	19023.4	-37.55	-13