

TABLE OF CONTENTS

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

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
Band7	30	5	20775	1@0	QPSK	4.11			
n66	30	10	343000	1@0	DFT_BPSK	23.39			
Sum	30					23.44	19	26	PASS
Band7	30	5	21100	8@0	QPSK	4.65			
n66	30	10	349000	12@6	DFT_BPSK	23.60			
Sum	30					23.65	19	26	PASS
Band7	30	5	21100	8@0	QPSK	4.79			
n66	30	10	349000	12@6	DFT_QPSK	23.62			
Sum	30					23.67	19	26	PASS
Band7	30	5	21425	1@17	QPSK	4.36			
n66	30	10	355000	1@23	DFT_BPSK	23.07			
Sum	30					23.12	19	26	PASS
Band7	30	5	21425	8@17	QPSK	4.68			
n66	30	10	355000	12@6	DFT_BPSK	23.18			
Sum	30					23.24	19	26	PASS
Band7	30	5	21425	1@17	QPSK	4.37			
n66	30	10	355000	1@23	DFT_QPSK	23.05			
Sum	30					23.10	19	26	PASS
Band7	30	5	21425	8@17	QPSK	4.72			
n66	30	10	355000	12@6	DFT_QPSK	23.27			
Sum	30					23.33	19	26	PASS
Band7	30	20	20850	1@0	QPSK	3.97			
n66	30	40	346000	1@0	DFT_BPSK	23.49			
Sum	30					23.53	19	26	PASS
Band7	30	20	21100	18@0	QPSK	4.60			
n66	30	40	349000	50@25	DFT_BPSK	23.56			
Sum	30					23.61	19	26	PASS
Band7	30	20	21100	18@0	QPSK	4.58			
n66	30	40	349000	50@25	DFT_QPSK	23.64			
Sum	30					23.69	19	26	PASS
Band7	30	20	21350	1@72	QPSK	4.95			
n66	30	40	352000	1@105	DFT_BPSK	23.24			
Sum	30					23.30	19	26	PASS
Band7	30	20	21350	18@72	QPSK	4.70			
n66	30	40	352000	50@25	DFT_BPSK	23.42			
Sum	30					23.47	19	26	PASS
Band7	30	20	21350	1@72	QPSK	4.99			
n66	30	40	352000	1@105	DFT_QPSK	23.07			
Sum	30					23.13	19	26	PASS

Band7	30	20	21350	18@72	QPSK	4.66			
n66	30	40	352000	50@25	DFT_QPSK	23.52			
Sum	30					23.57	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	30	10	343000	12@6	DFT_BPSK	0.66	0.00038	-2.5	2.5	PASS
n66	30	10	343000	1@1	DFT_BPSK	0.19	0.00011	-2.5	2.5	PASS
n66	30	10	343000	1@22	DFT_BPSK	0.02	0.00001	-2.5	2.5	PASS
n66	30	10	343000	12@6	DFT_QPSK	-1.31	-0.00076	-2.5	2.5	PASS
n66	30	10	343000	1@1	DFT_QPSK	-1.74	-0.00101	-2.5	2.5	PASS
n66	30	10	343000	1@22	DFT_QPSK	1.66	0.00097	-2.5	2.5	PASS
n66	30	10	349000	12@6	DFT_BPSK	-2.69	-0.00154	-2.5	2.5	PASS
n66	30	10	349000	1@1	DFT_BPSK	0.30	0.00017	-2.5	2.5	PASS
n66	30	10	349000	1@22	DFT_BPSK	-1.10	-0.00063	-2.5	2.5	PASS
n66	30	10	349000	12@6	DFT_QPSK	-2.20	-0.00126	-2.5	2.5	PASS
n66	30	10	349000	1@1	DFT_QPSK	-2.59	-0.00148	-2.5	2.5	PASS
n66	30	10	349000	1@22	DFT_QPSK	-0.28	-0.00016	-2.5	2.5	PASS
n66	30	10	355000	12@6	DFT_BPSK	-2.06	-0.00116	-2.5	2.5	PASS
n66	30	10	355000	1@1	DFT_BPSK	-1.06	-0.00060	-2.5	2.5	PASS
n66	30	10	355000	1@22	DFT_BPSK	-1.55	-0.00087	-2.5	2.5	PASS
n66	30	10	355000	12@6	DFT_QPSK	1.47	0.00083	-2.5	2.5	PASS
n66	30	10	355000	1@1	DFT_QPSK	0.26	0.00015	-2.5	2.5	PASS
n66	30	10	355000	1@22	DFT_QPSK	-1.75	-0.00099	-2.5	2.5	PASS
n66	30	20	344000	25@12	DFT_BPSK	-1.21	-0.00070	-2.5	2.5	PASS
n66	30	20	344000	1@1	DFT_BPSK	-2.42	-0.00141	-2.5	2.5	PASS
n66	30	20	344000	1@49	DFT_BPSK	-4.43	-0.00258	-2.5	2.5	PASS
n66	30	20	344000	25@12	DFT_QPSK	-2.87	-0.00167	-2.5	2.5	PASS
n66	30	20	344000	1@1	DFT_QPSK	1.20	0.00070	-2.5	2.5	PASS
n66	30	20	344000	1@49	DFT_QPSK	-0.57	-0.00033	-2.5	2.5	PASS
n66	30	20	349000	25@12	DFT_BPSK	-2.62	-0.00150	-2.5	2.5	PASS
n66	30	20	349000	1@1	DFT_BPSK	-0.02	-0.00001	-2.5	2.5	PASS
n66	30	20	349000	1@49	DFT_BPSK	-1.39	-0.00080	-2.5	2.5	PASS
n66	30	20	349000	25@12	DFT_QPSK	1.25	0.00072	-2.5	2.5	PASS
n66	30	20	349000	1@1	DFT_QPSK	-3.98	-0.00228	-2.5	2.5	PASS
n66	30	20	349000	1@49	DFT_QPSK	-1.04	-0.00060	-2.5	2.5	PASS
n66	30	20	354000	25@12	DFT_BPSK	-3.42	-0.00193	-2.5	2.5	PASS
n66	30	20	354000	1@1	DFT_BPSK	-3.41	-0.00193	-2.5	2.5	PASS
n66	30	20	354000	1@49	DFT_BPSK	-0.46	-0.00026	-2.5	2.5	PASS
n66	30	20	354000	25@12	DFT_QPSK	-3.97	-0.00224	-2.5	2.5	PASS
n66	30	20	354000	1@1	DFT_QPSK	0.66	0.00037	-2.5	2.5	PASS
n66	30	20	354000	1@49	DFT_QPSK	-2.60	-0.00147	-2.5	2.5	PASS
n66	30	40	346000	50@25	DFT_BPSK	-1.08	-0.00062	-2.5	2.5	PASS
n66	30	40	346000	1@1	DFT_BPSK	-2.60	-0.00150	-2.5	2.5	PASS
n66	30	40	346000	1@104	DFT_BPSK	-4.81	-0.00278	-2.5	2.5	PASS

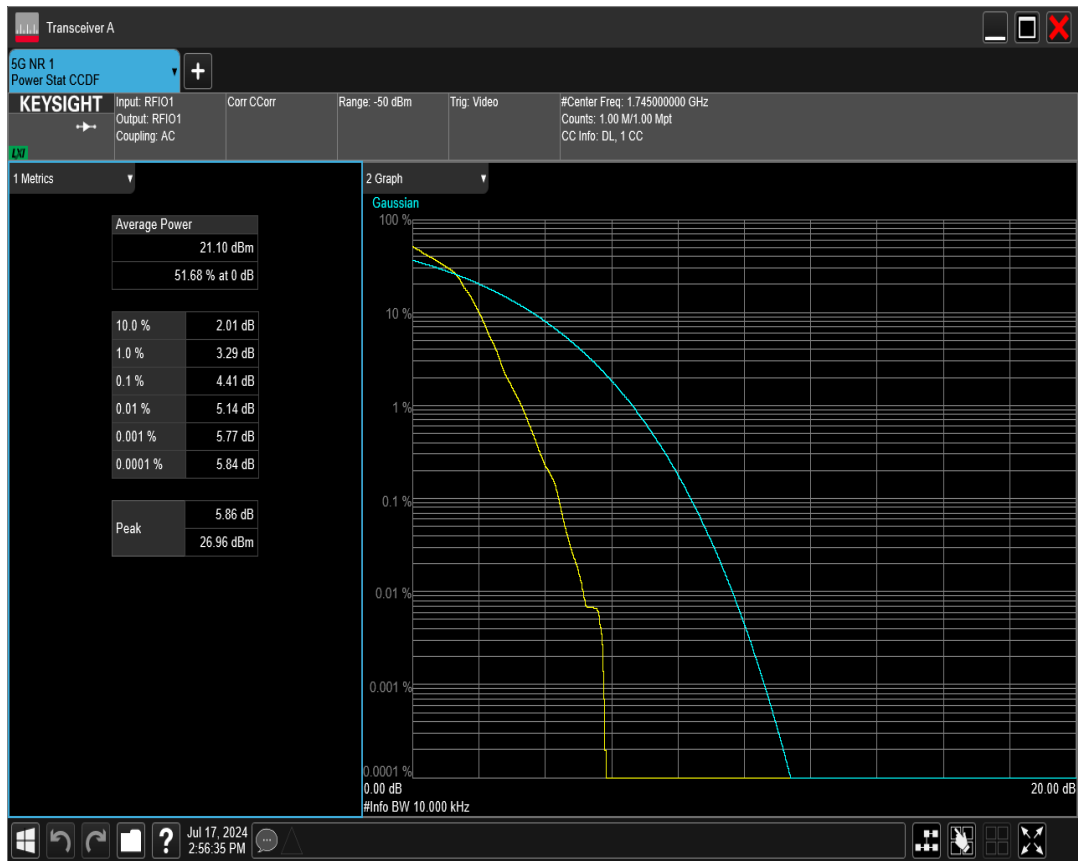
n66	30	40	346000	50@25	DFT_QPSK	0.05	0.00003	-2.5	2.5	PASS
n66	30	40	346000	1@1	DFT_QPSK	-5.43	-0.00314	-2.5	2.5	PASS
n66	30	40	346000	1@104	DFT_QPSK	-3.49	-0.00202	-2.5	2.5	PASS
n66	30	40	349000	50@25	DFT_BPSK	-1.13	-0.00065	-2.5	2.5	PASS
n66	30	40	349000	1@1	DFT_BPSK	0.63	0.00036	-2.5	2.5	PASS
n66	30	40	349000	1@104	DFT_BPSK	-3.99	-0.00229	-2.5	2.5	PASS
n66	30	40	349000	50@25	DFT_QPSK	-2.83	-0.00162	-2.5	2.5	PASS
n66	30	40	349000	1@1	DFT_QPSK	0.41	0.00023	-2.5	2.5	PASS
n66	30	40	349000	1@104	DFT_QPSK	0.32	0.00018	-2.5	2.5	PASS
n66	30	40	352000	50@25	DFT_BPSK	-0.09	-0.00005	-2.5	2.5	PASS
n66	30	40	352000	1@1	DFT_BPSK	-4.00	-0.00227	-2.5	2.5	PASS
n66	30	40	352000	1@104	DFT_BPSK	1.61	0.00091	-2.5	2.5	PASS
n66	30	40	352000	50@25	DFT_QPSK	-3.33	-0.00189	-2.5	2.5	PASS
n66	30	40	352000	1@1	DFT_QPSK	-0.70	-0.00040	-2.5	2.5	PASS
n66	30	40	352000	1@104	DFT_QPSK	-1.14	-0.00065	-2.5	2.5	PASS

3 Peak-to-Average Ratio for EN-DC

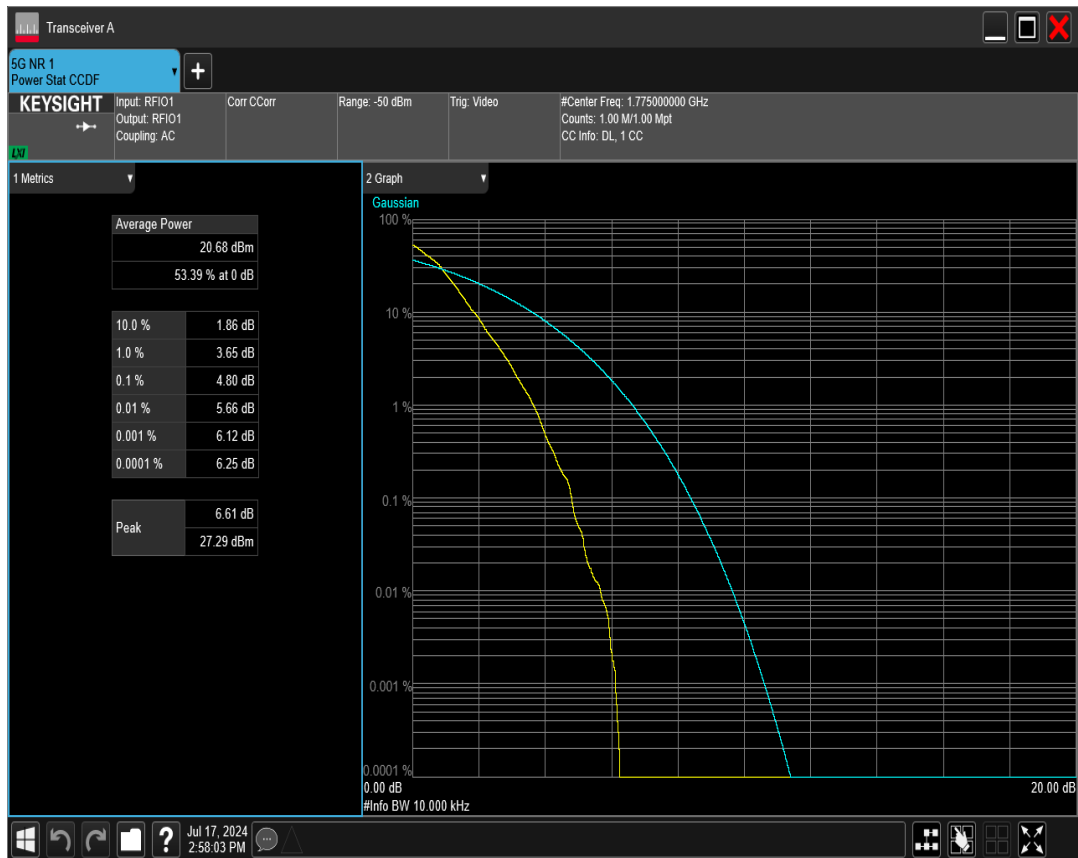
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n66	30	10	343000	24@0	DFT_BPSK	4.89	13	PASS
n66	30	10	343000	24@0	DFT_QPSK	5.85	13	PASS
n66	30	10	343000	24@0	DFT_QAM16	6.68	13	PASS
n66	30	10	343000	24@0	DFT_QAM64	6.92	13	PASS
n66	30	10	343000	24@0	DFT_QAM256	6.90	13	PASS
n66	30	10	349000	24@0	DFT_BPSK	4.41	13	PASS
n66	30	10	349000	24@0	DFT_QPSK	5.87	13	PASS
n66	30	10	349000	24@0	DFT_QAM16	6.85	13	PASS
n66	30	10	349000	24@0	DFT_QAM64	6.87	13	PASS
n66	30	10	349000	24@0	DFT_QAM256	6.87	13	PASS
n66	30	10	355000	24@0	DFT_BPSK	4.80	13	PASS
n66	30	10	355000	24@0	DFT_QPSK	5.82	13	PASS
n66	30	10	355000	24@0	DFT_QAM16	6.63	13	PASS
n66	30	10	355000	24@0	DFT_QAM64	6.82	13	PASS
n66	30	10	355000	24@0	DFT_QAM256	6.77	13	PASS
n66	30	15	343500	36@0	DFT_BPSK	5.56	13	PASS
n66	30	15	343500	36@0	DFT_QPSK	5.92	13	PASS
n66	30	15	343500	36@0	DFT_QAM16	6.64	13	PASS
n66	30	15	343500	36@0	DFT_QAM64	6.38	13	PASS
n66	30	15	343500	36@0	DFT_QAM256	6.74	13	PASS
n66	30	15	349000	36@0	DFT_BPSK	3.35	13	PASS
n66	30	15	349000	36@0	DFT_QPSK	5.87	13	PASS
n66	30	15	349000	36@0	DFT_QAM16	6.89	13	PASS
n66	30	15	349000	36@0	DFT_QAM64	6.83	13	PASS
n66	30	15	349000	36@0	DFT_QAM256	6.75	13	PASS
n66	30	15	354500	36@0	DFT_BPSK	4.56	13	PASS
n66	30	15	354500	36@0	DFT_QPSK	5.88	13	PASS
n66	30	15	354500	36@0	DFT_QAM16	6.41	13	PASS
n66	30	15	354500	36@0	DFT_QAM64	6.80	13	PASS
n66	30	15	354500	36@0	DFT_QAM256	6.73	13	PASS
n66	30	20	344000	50@0	DFT_BPSK	5.59	13	PASS
n66	30	20	344000	50@0	DFT_QPSK	6.00	13	PASS
n66	30	20	344000	50@0	DFT_QAM16	6.50	13	PASS
n66	30	20	344000	50@0	DFT_QAM64	6.88	13	PASS
n66	30	20	344000	50@0	DFT_QAM256	6.53	13	PASS
n66	30	20	349000	50@0	DFT_BPSK	4.23	13	PASS
n66	30	20	349000	50@0	DFT_QPSK	5.46	13	PASS
n66	30	20	349000	50@0	DFT_QAM16	6.55	13	PASS
n66	30	20	349000	50@0	DFT_QAM64	6.67	13	PASS
n66	30	20	349000	50@0	DFT_QAM256	6.78	13	PASS

n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=343000 RB=24@0

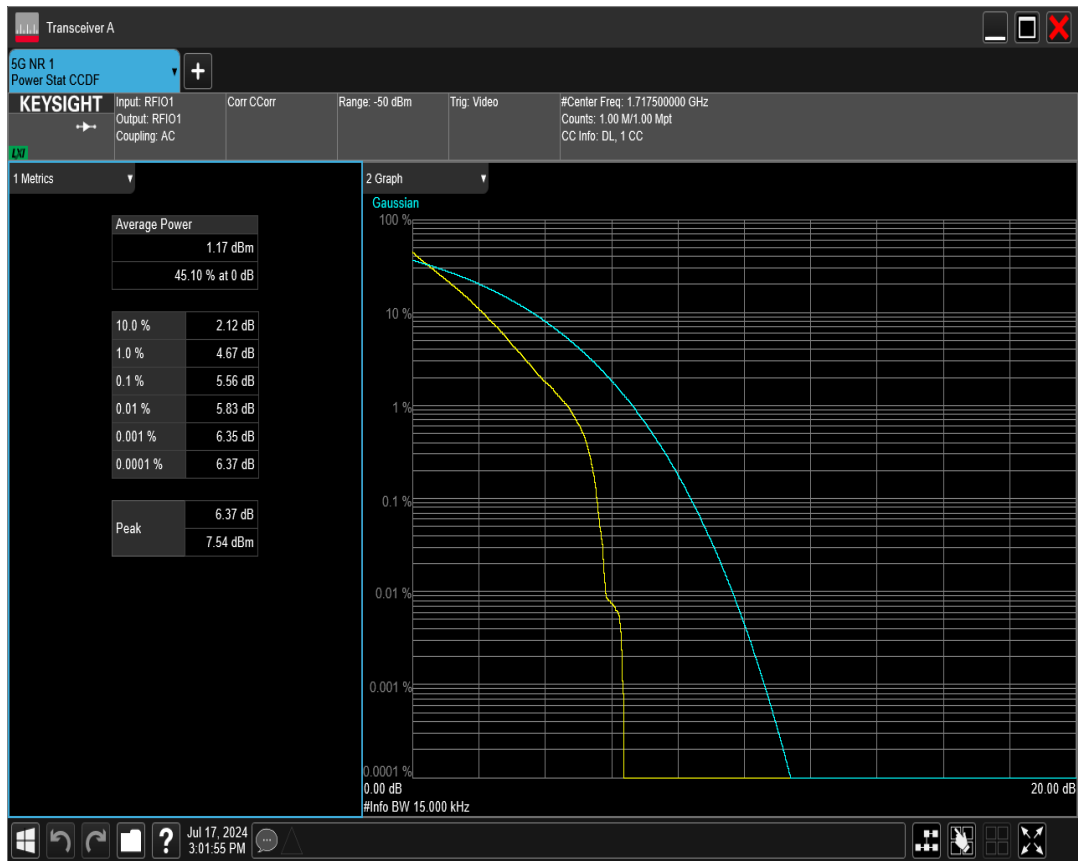
n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=349000 RB=24@0



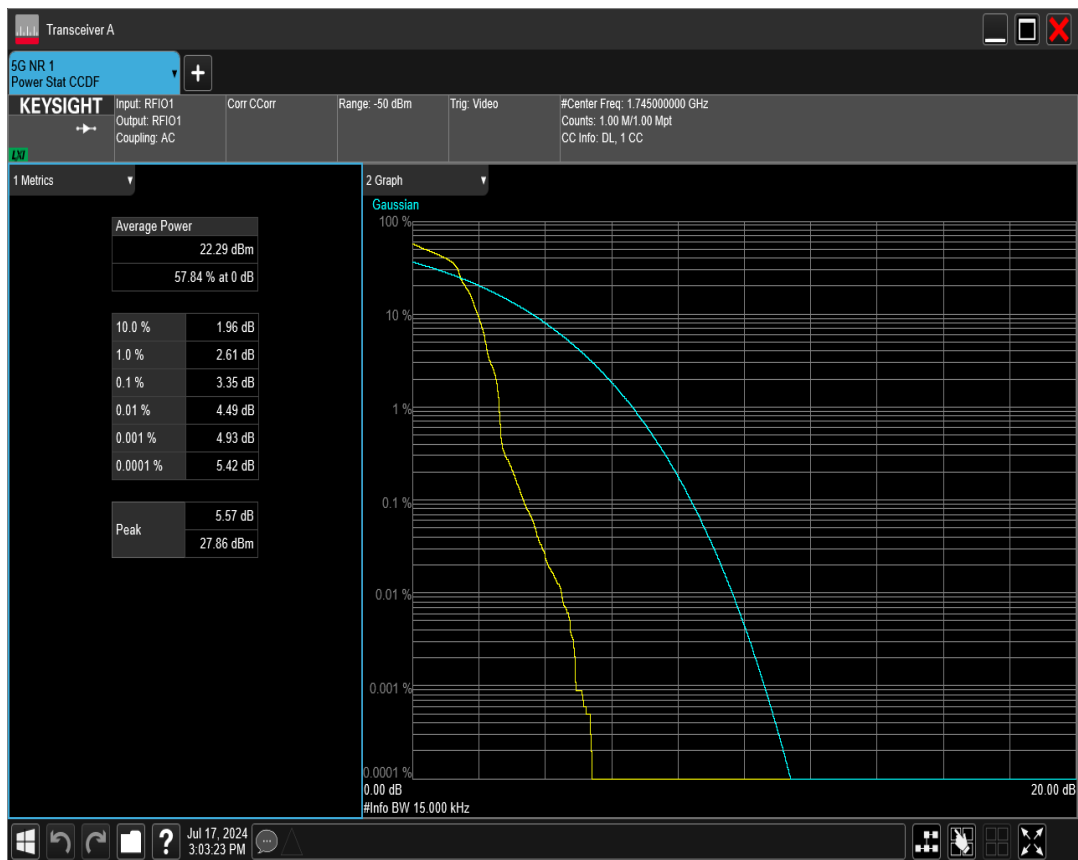
n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=355000 RB=24@0



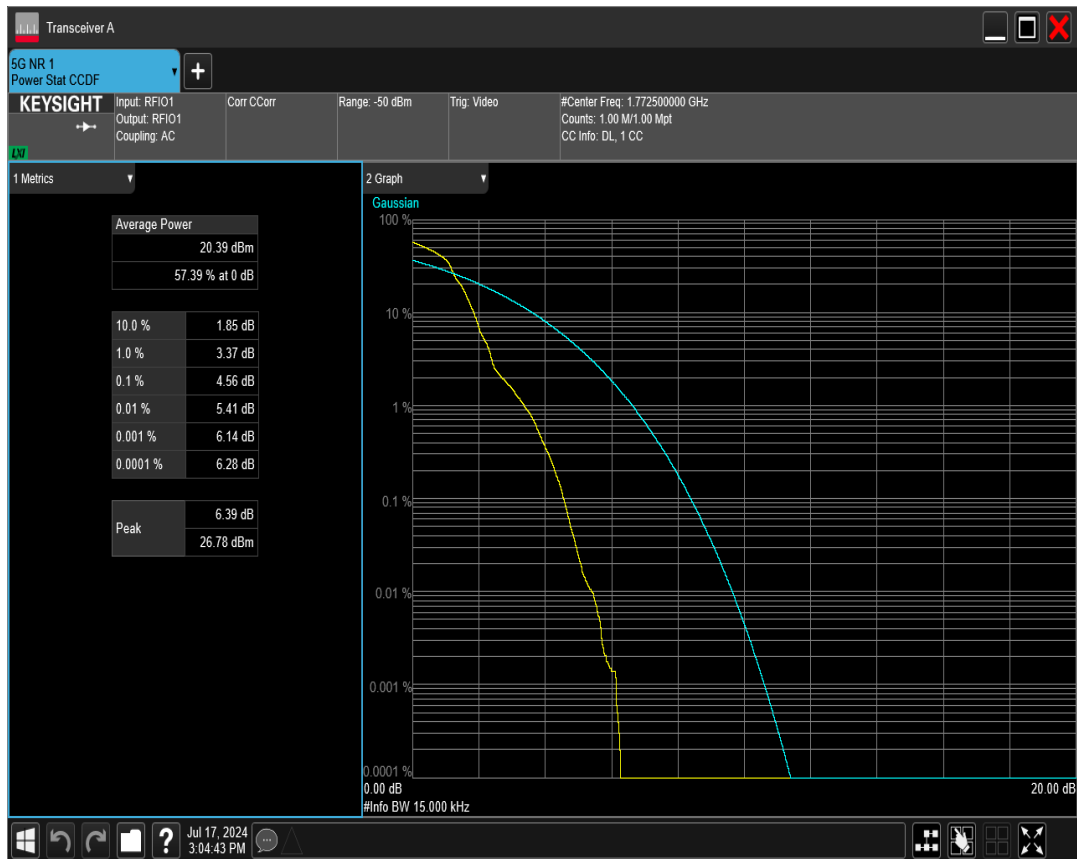
n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=343500 RB=36@0



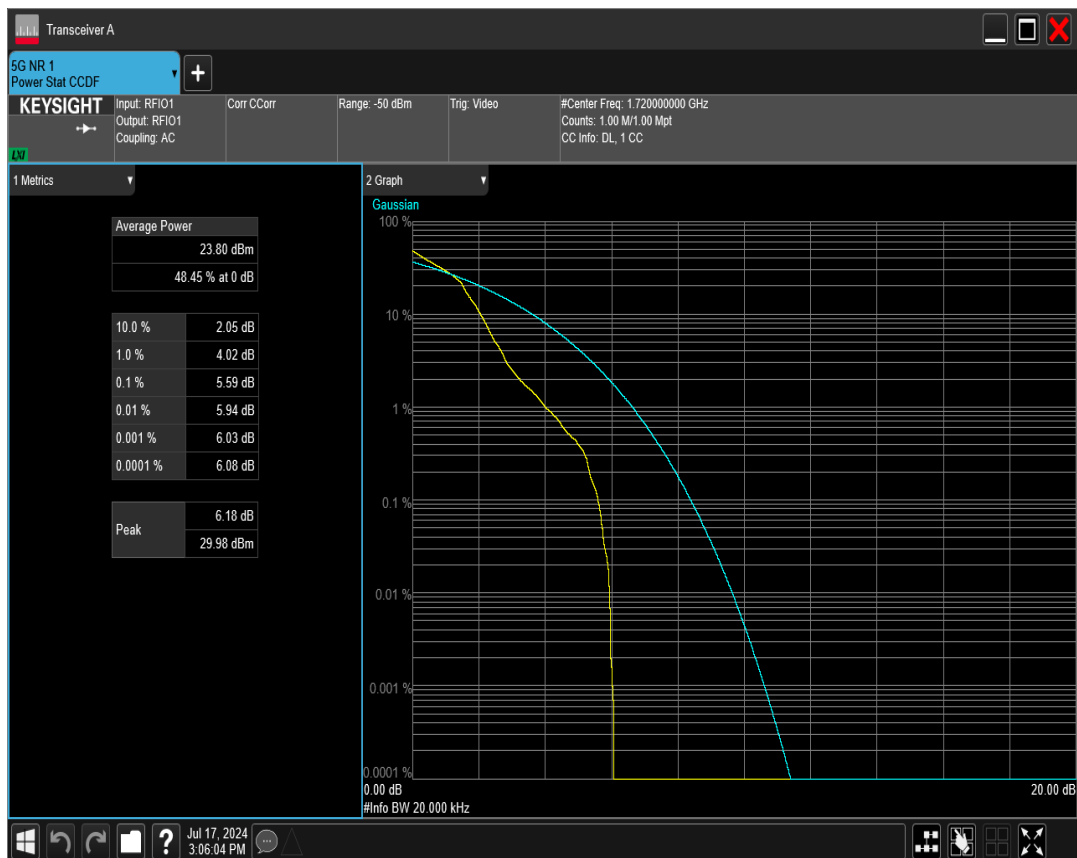
n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=349000 RB=36@0



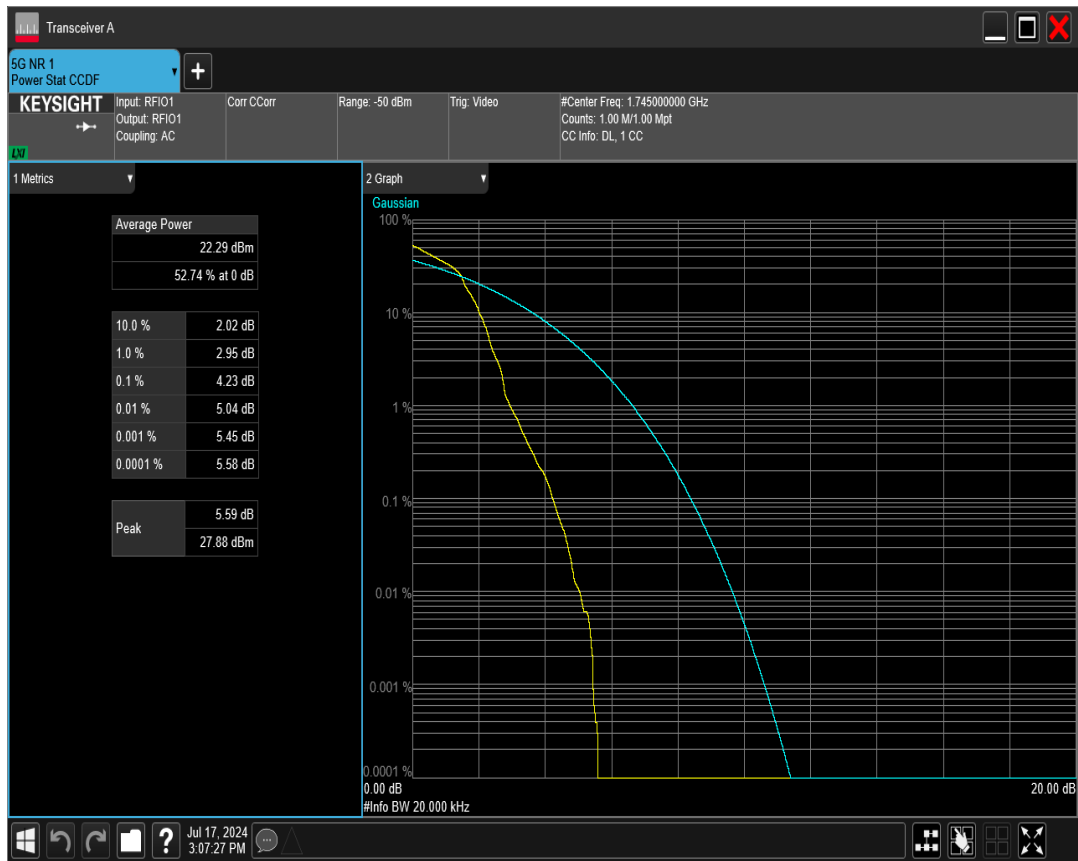
n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=354500 RB=36@0



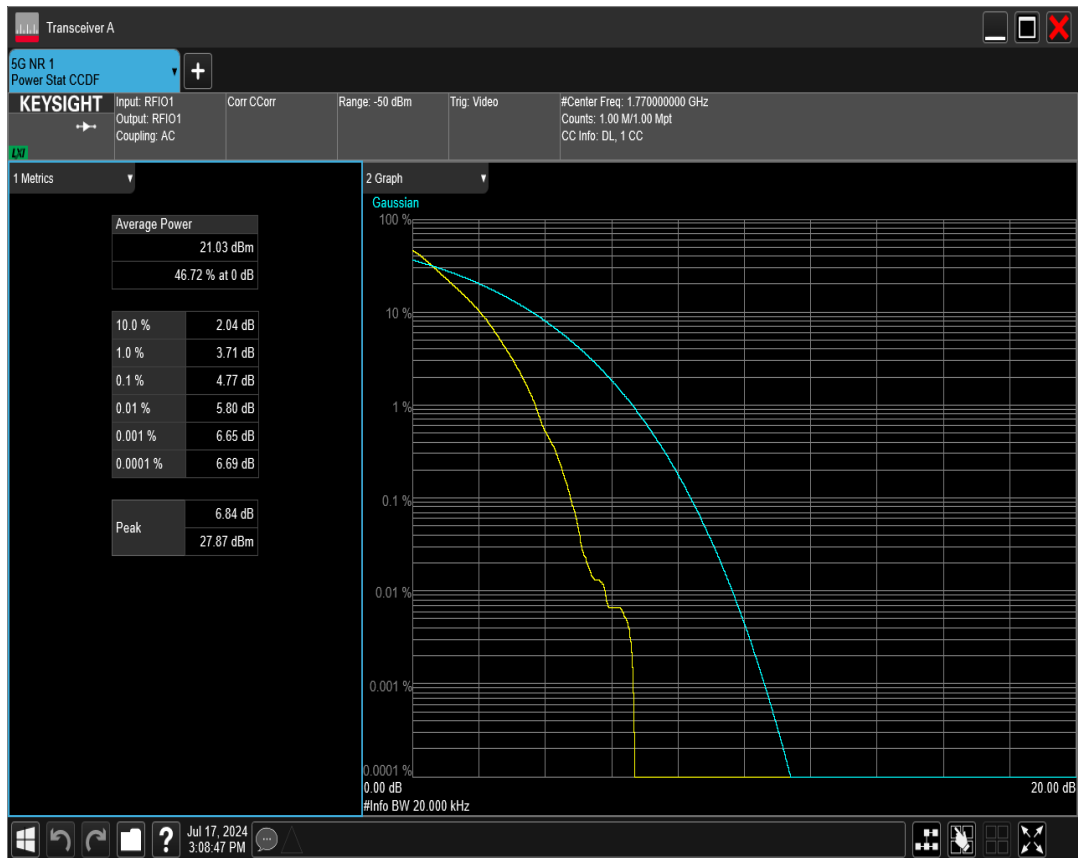
n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=344000 RB=50@0



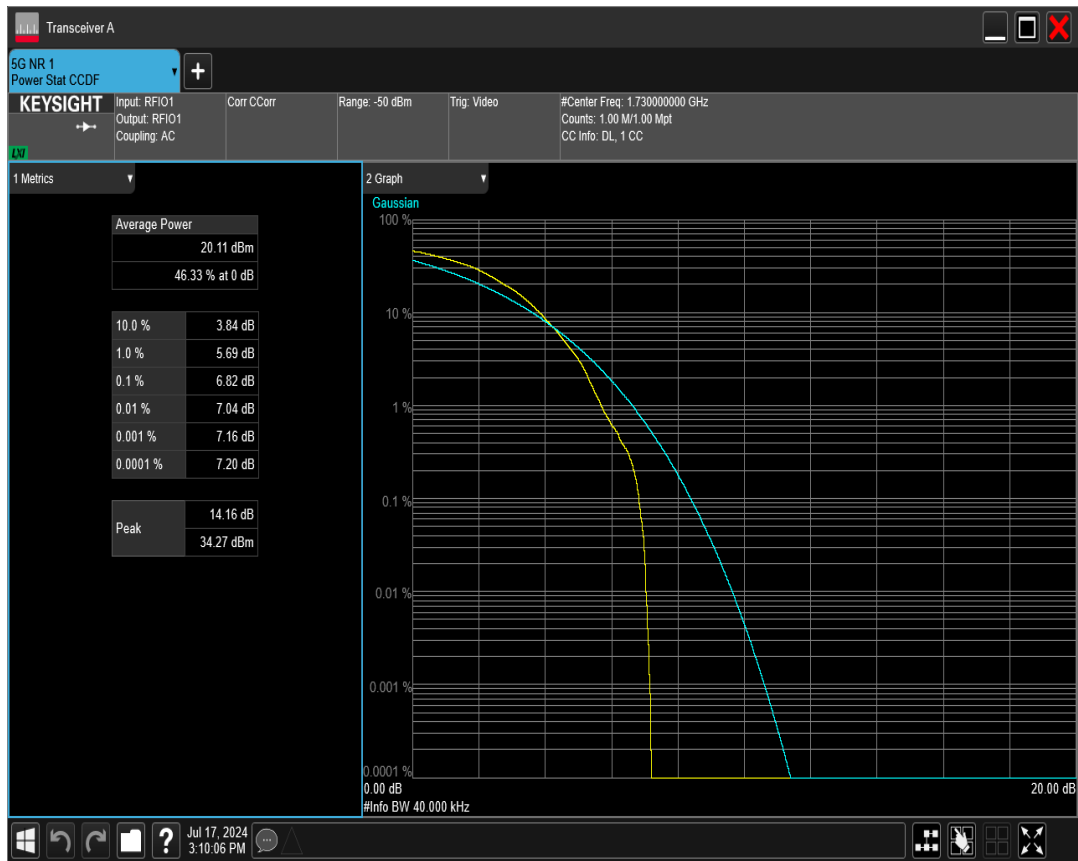
n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=349000 RB=50@0



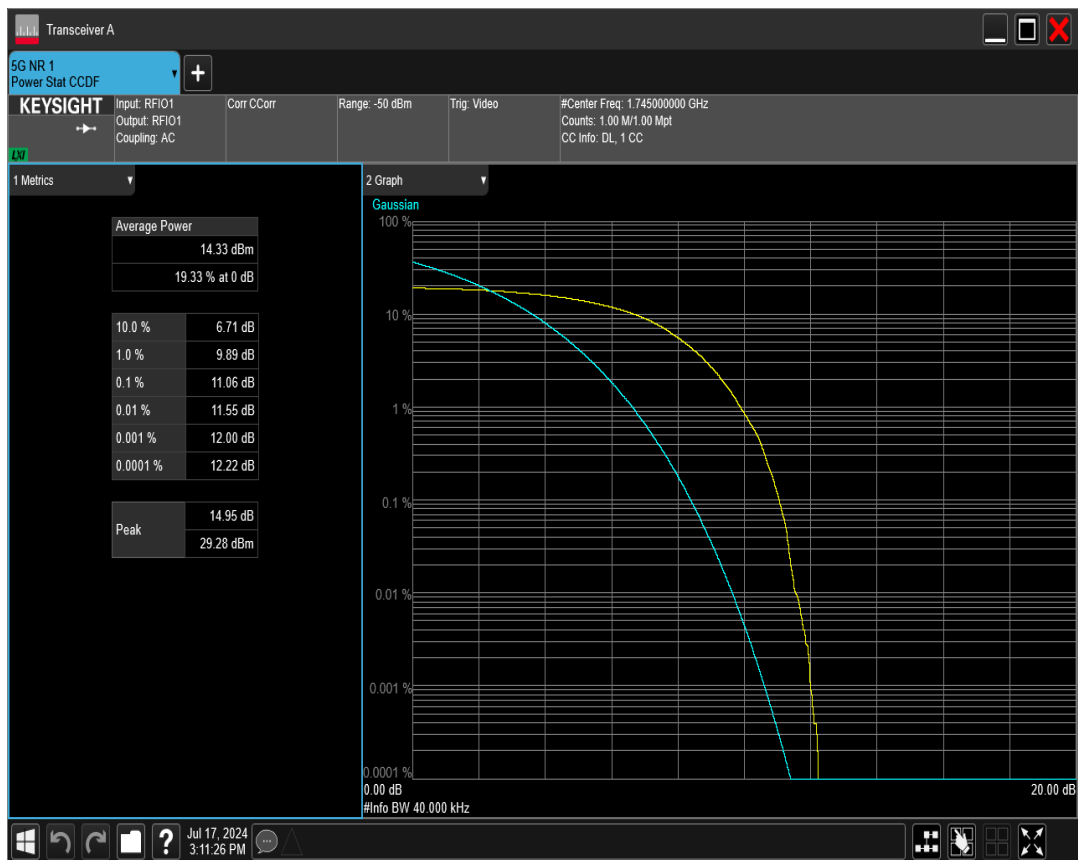
n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=354000 RB=50@0



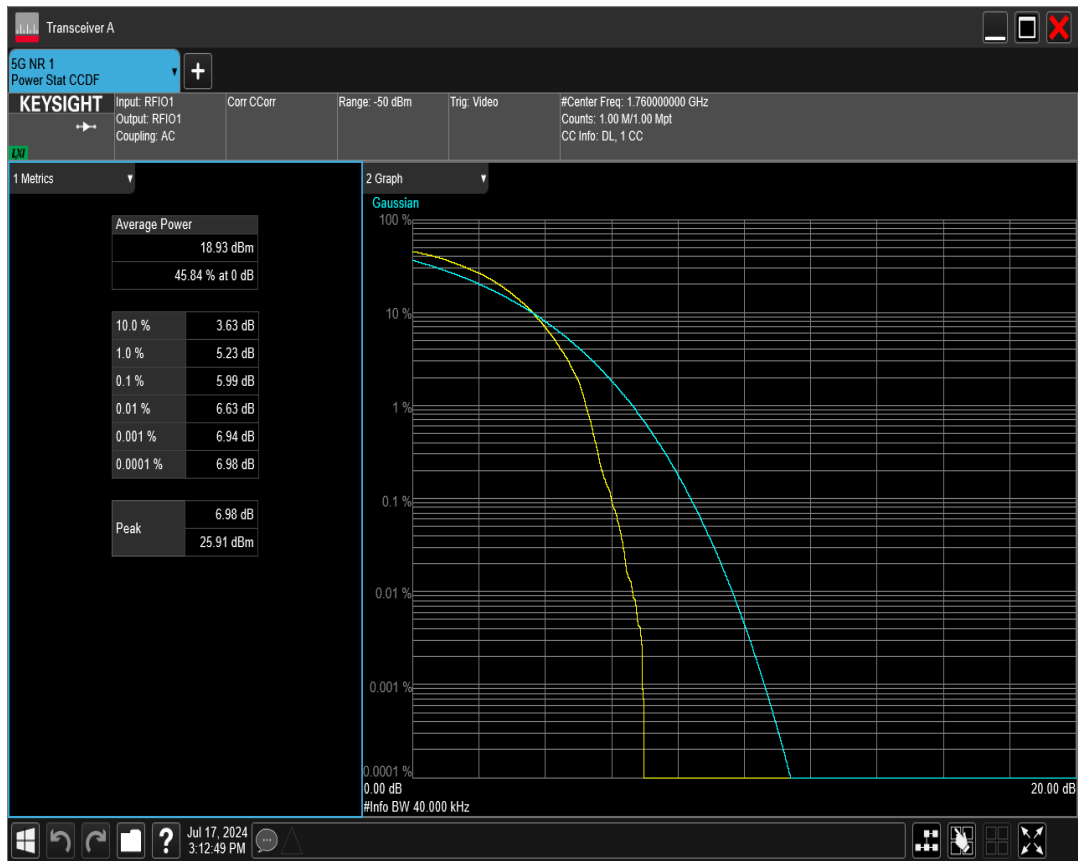
n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=346000 RB=100@0



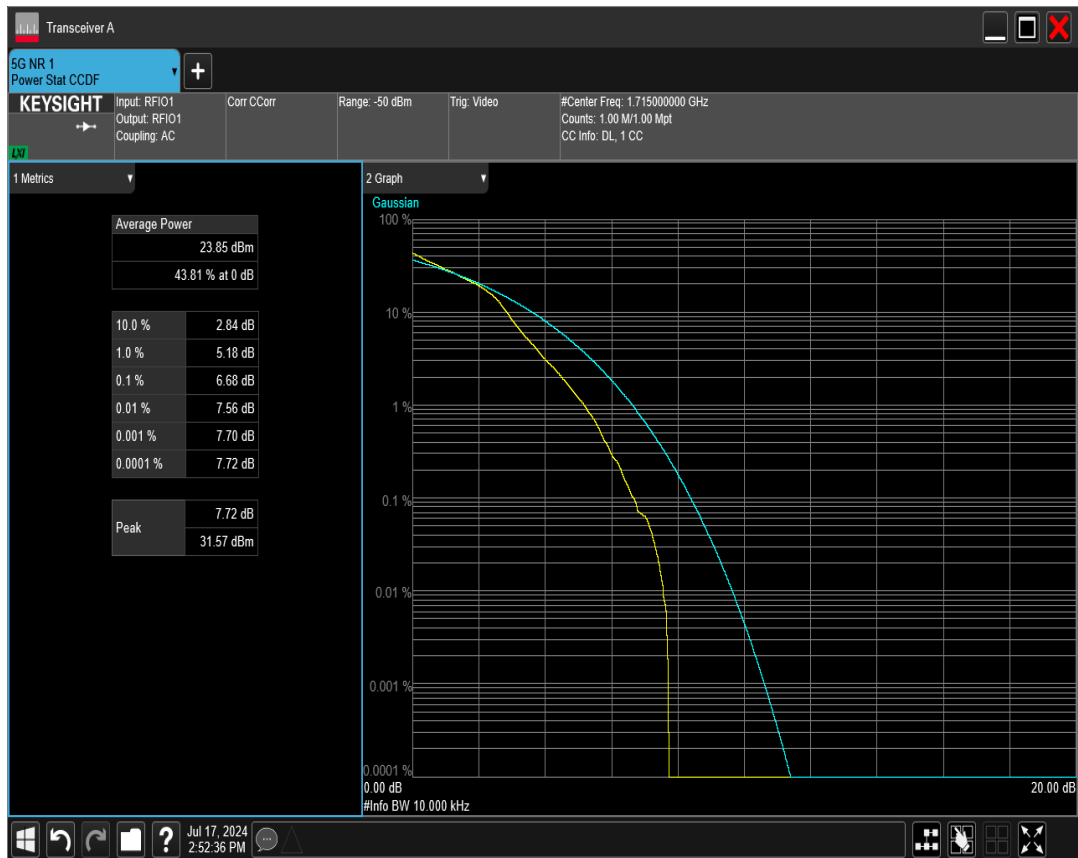
n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=349000 RB=100@0



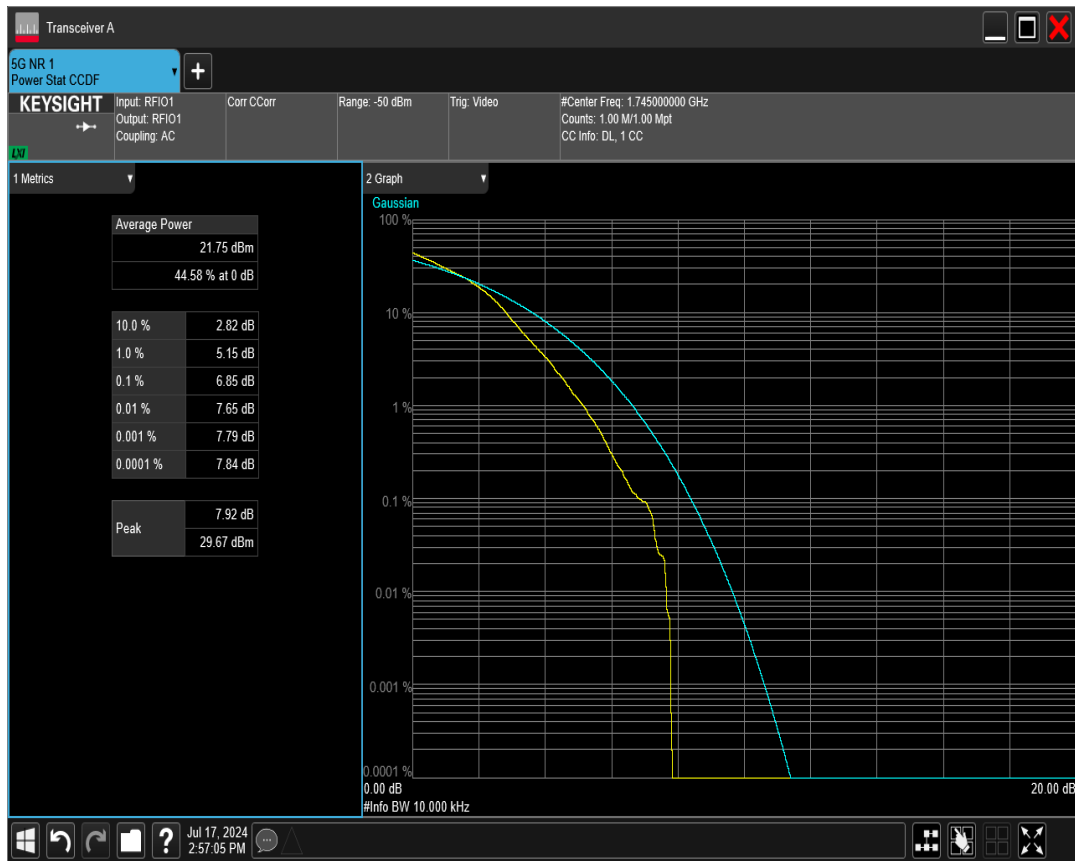
n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=352000 RB=100@0



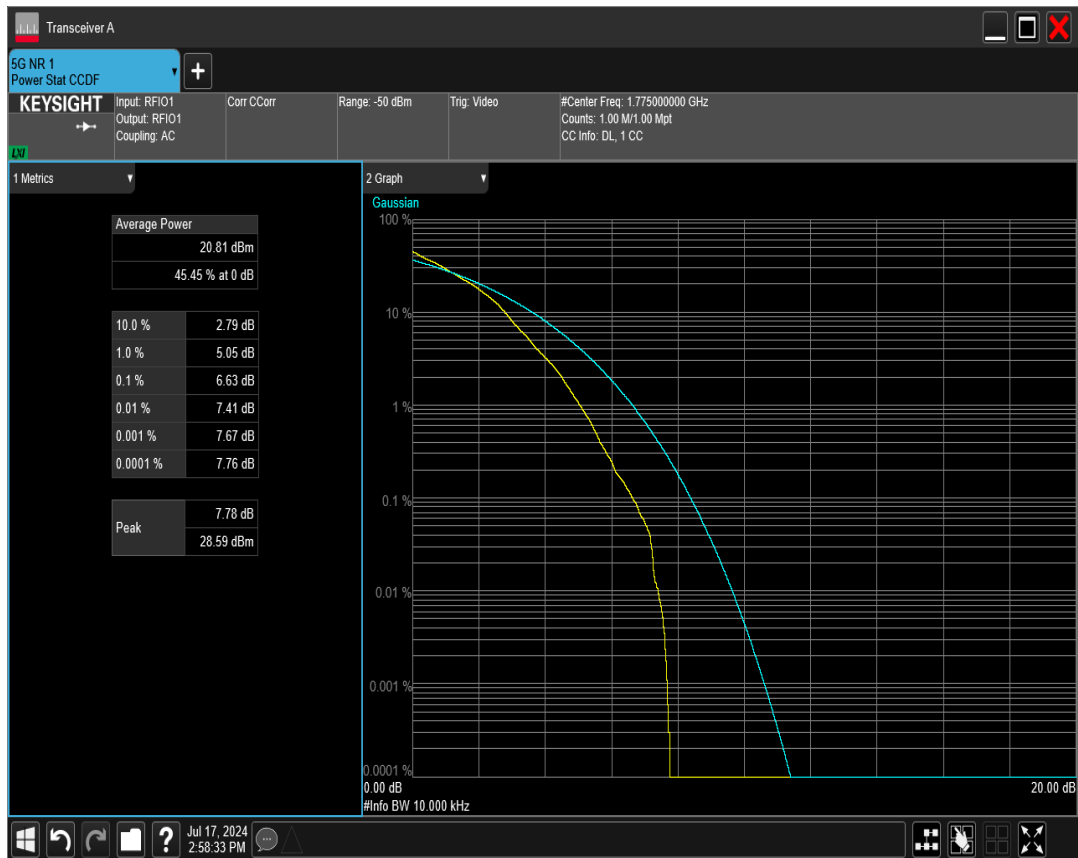
n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=343000 RB=24@0



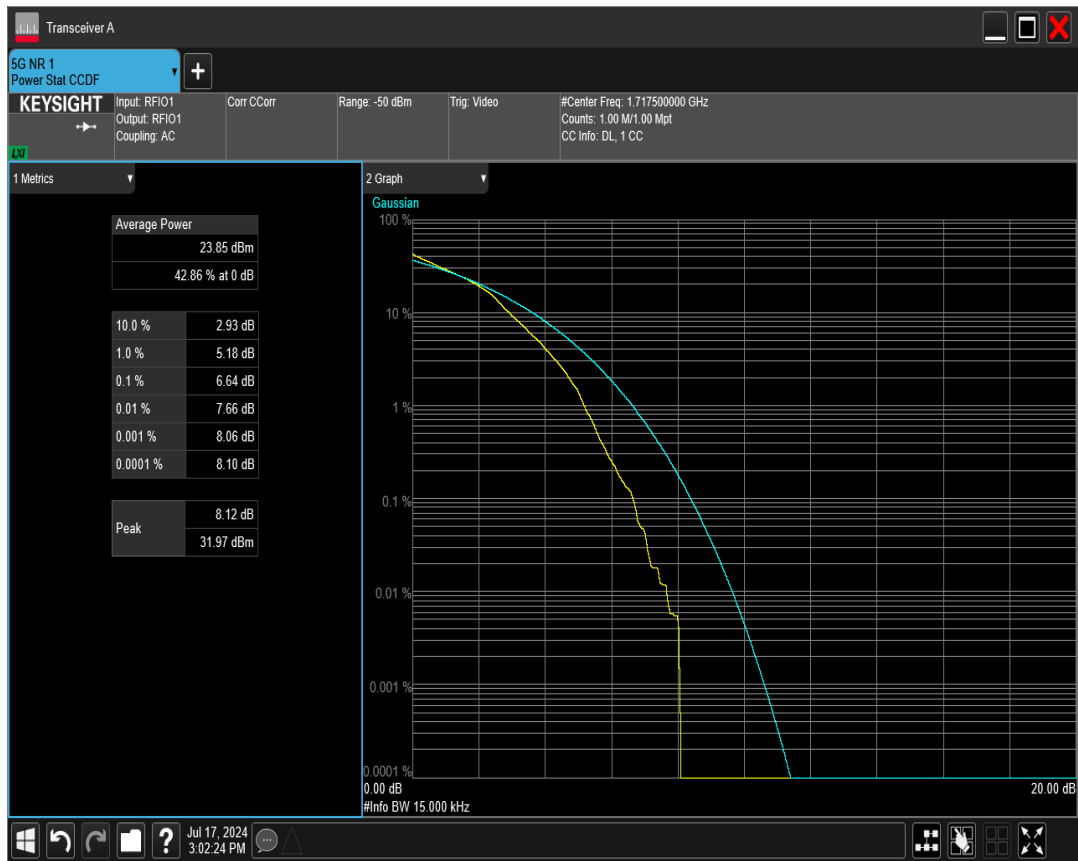
n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=349000 RB=24@0



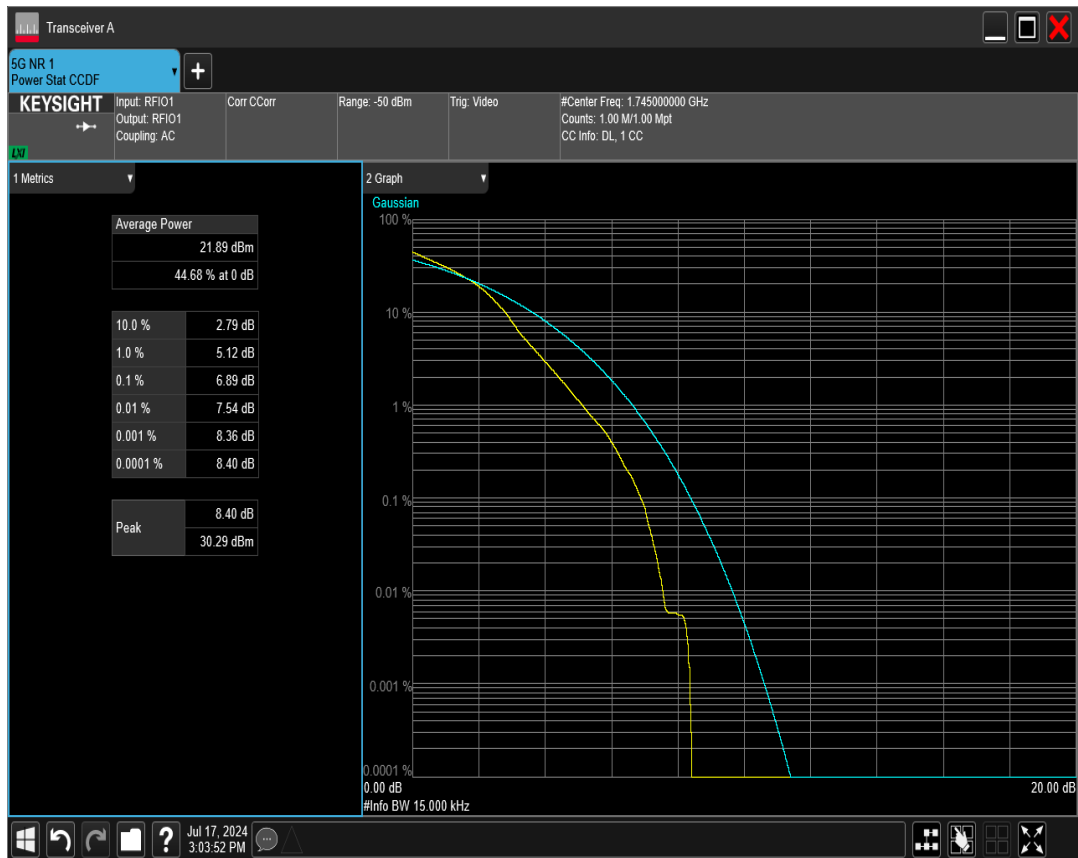
n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=355000 RB=24@0



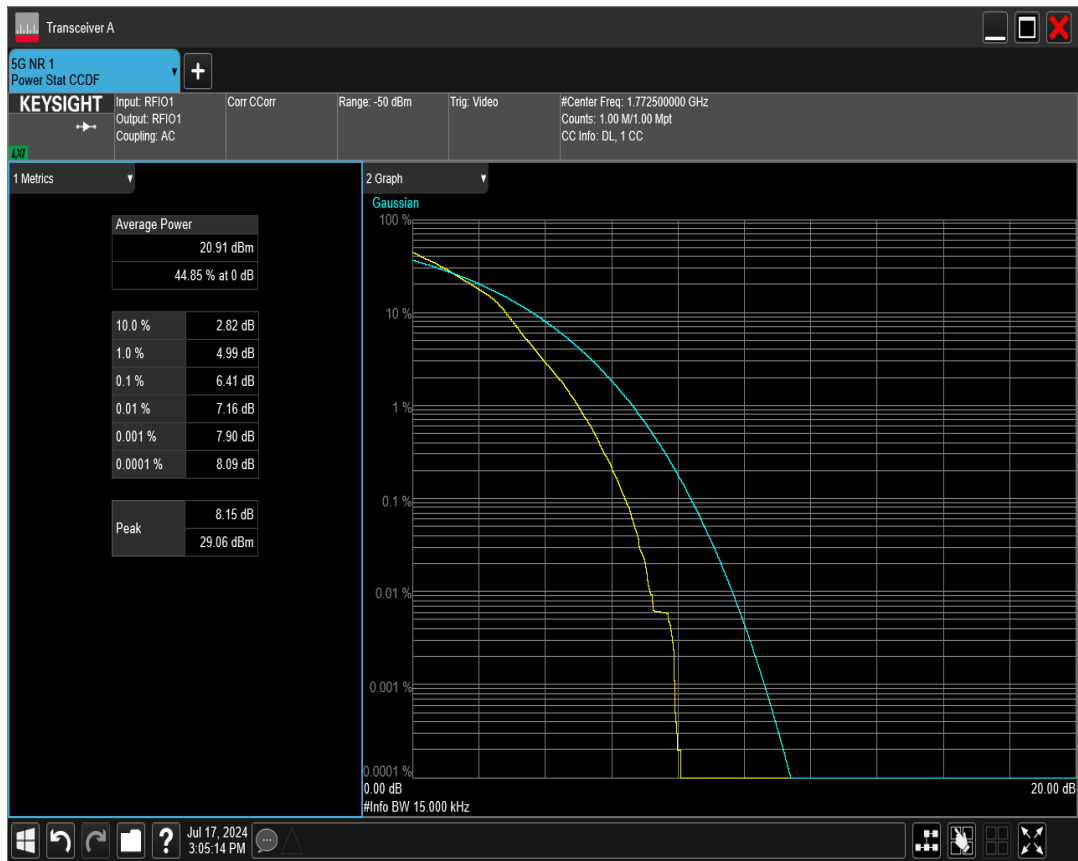
n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=343500 RB=36@0



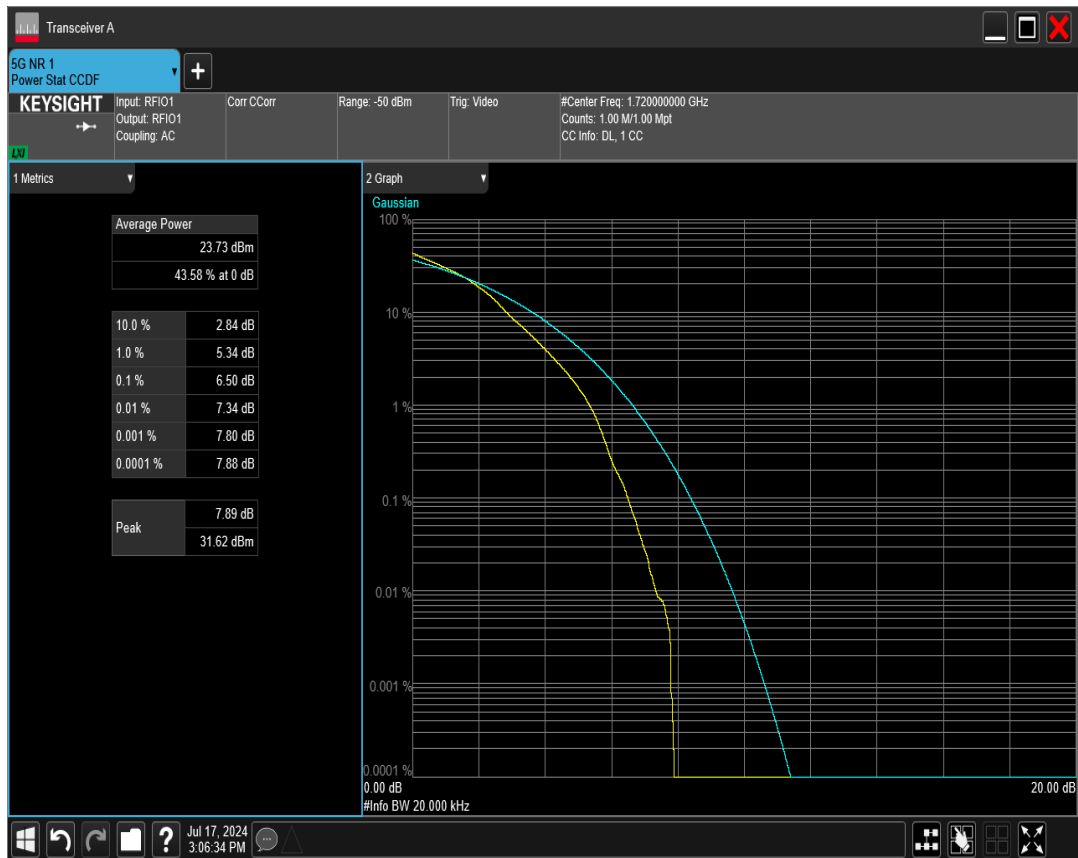
n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=349000 RB=36@0



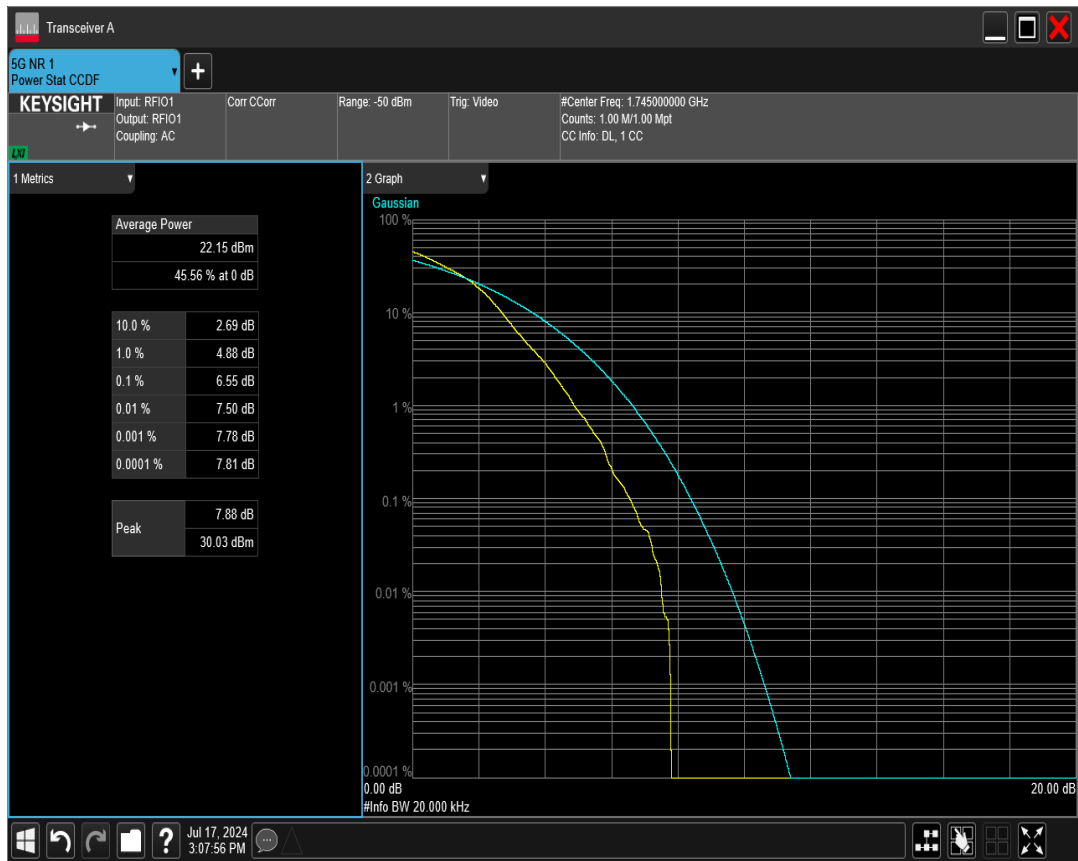
n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=354500 RB=36@0



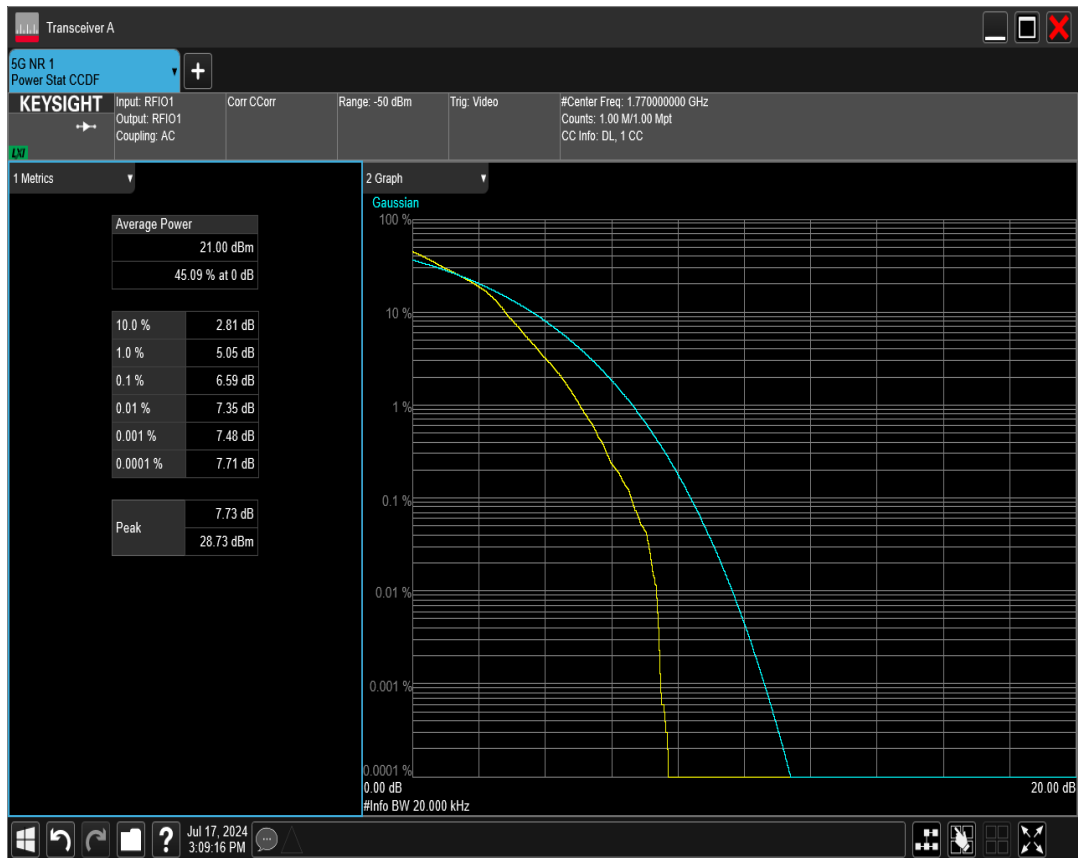
n66 SCS=30kHz DFT_QAM16 BW=20MHz Channel=344000 RB=50@0



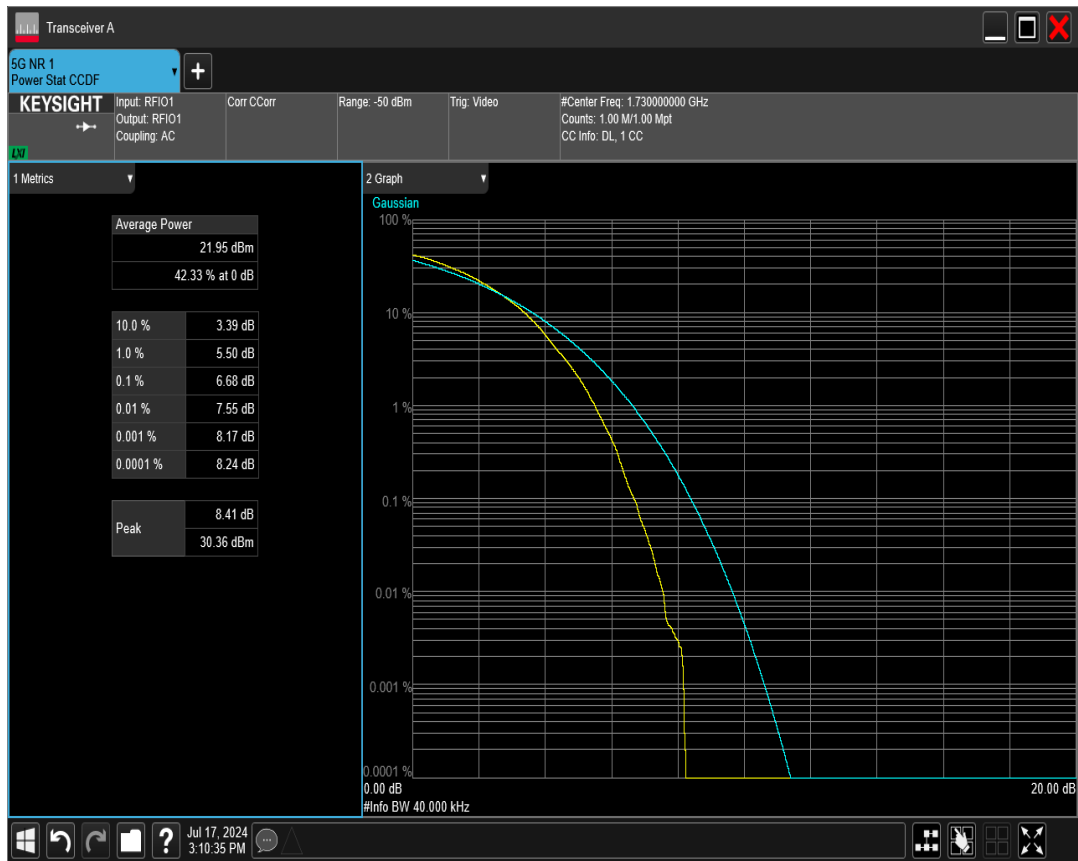
n66 SCS=30kHz DFT_QAM16 BW=20MHz Channel=349000 RB=50@0



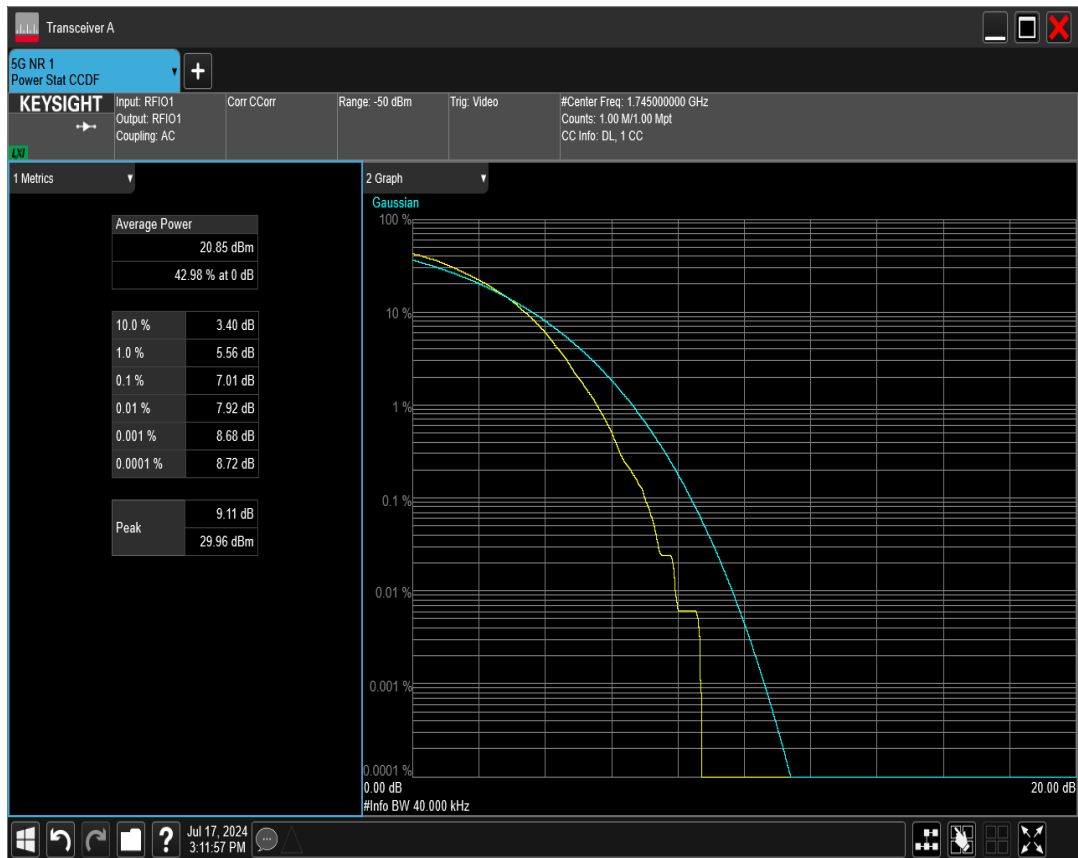
n66 SCS=30kHz DFT_QAM16 BW=20MHz Channel=354000 RB=50@0



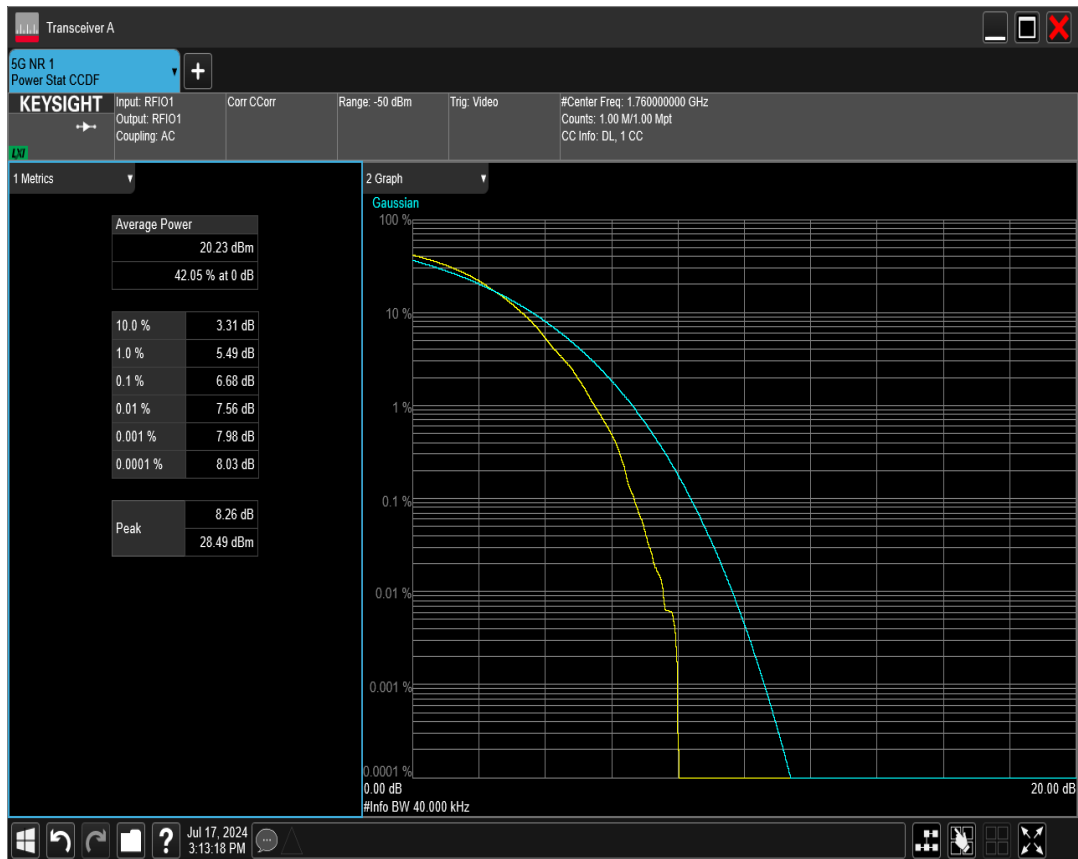
n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=346000 RB=100@0



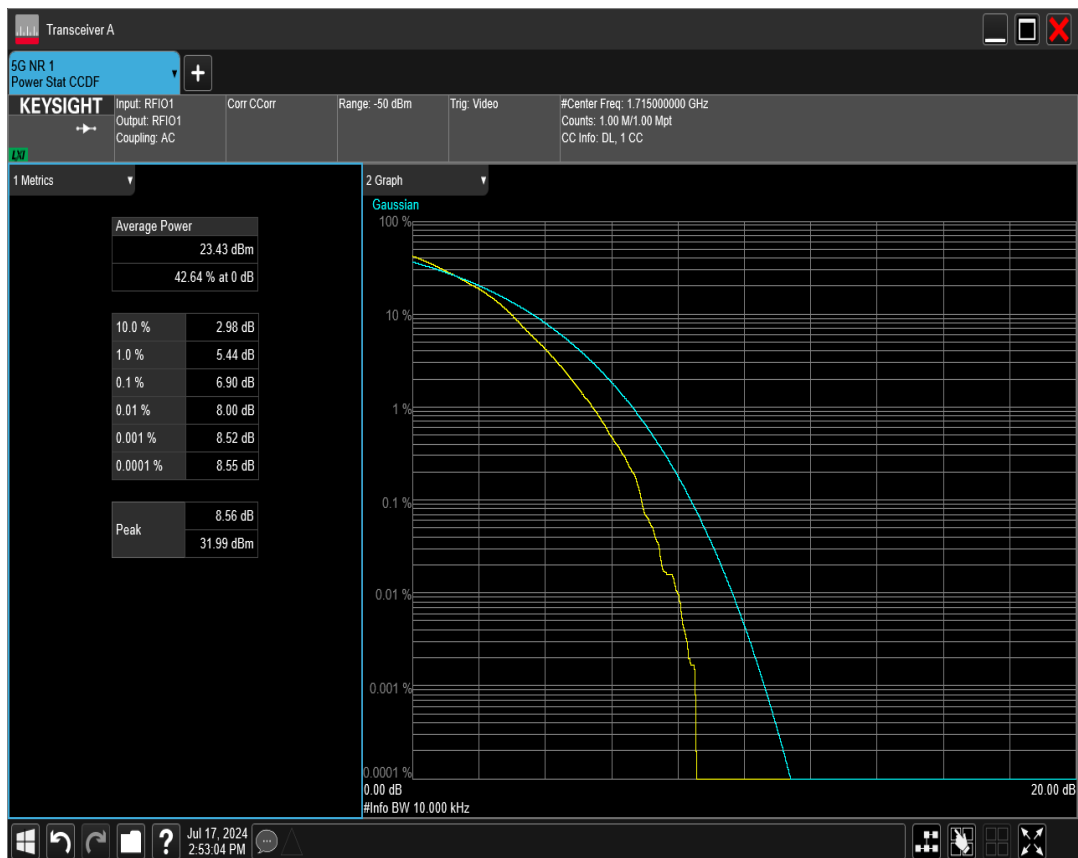
n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=349000 RB=100@0



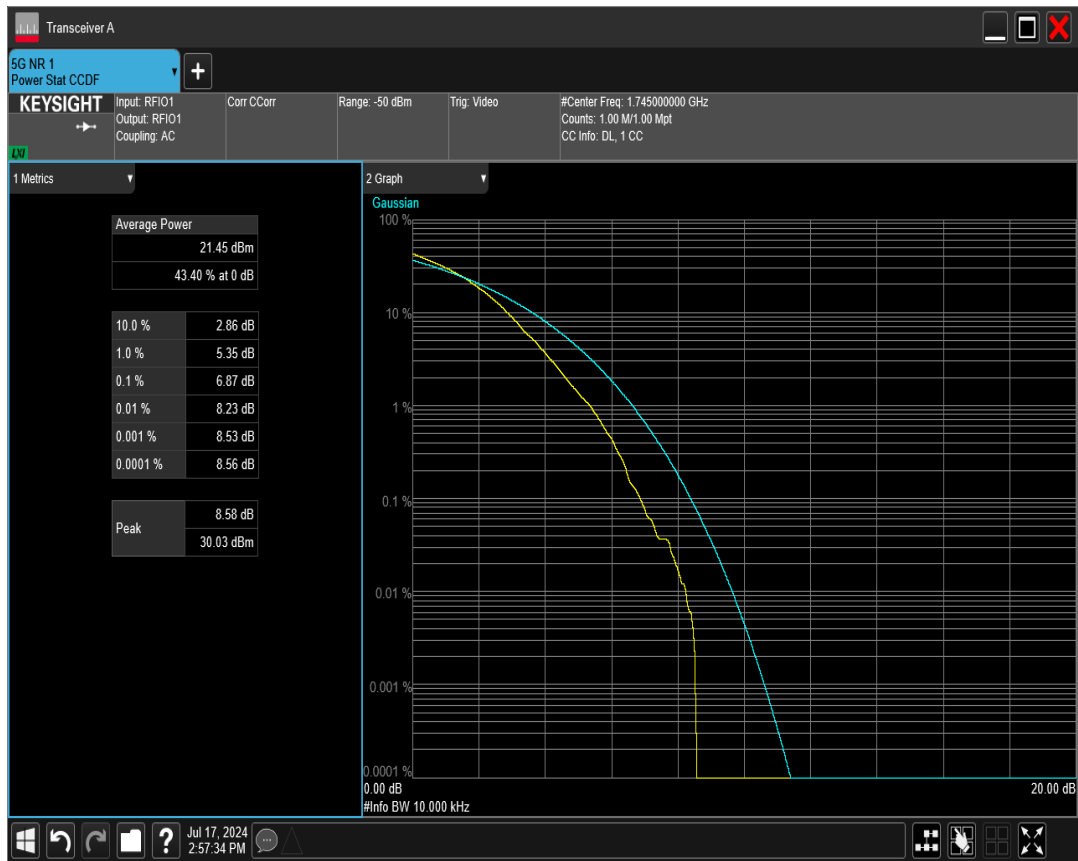
n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=352000 RB=100@0



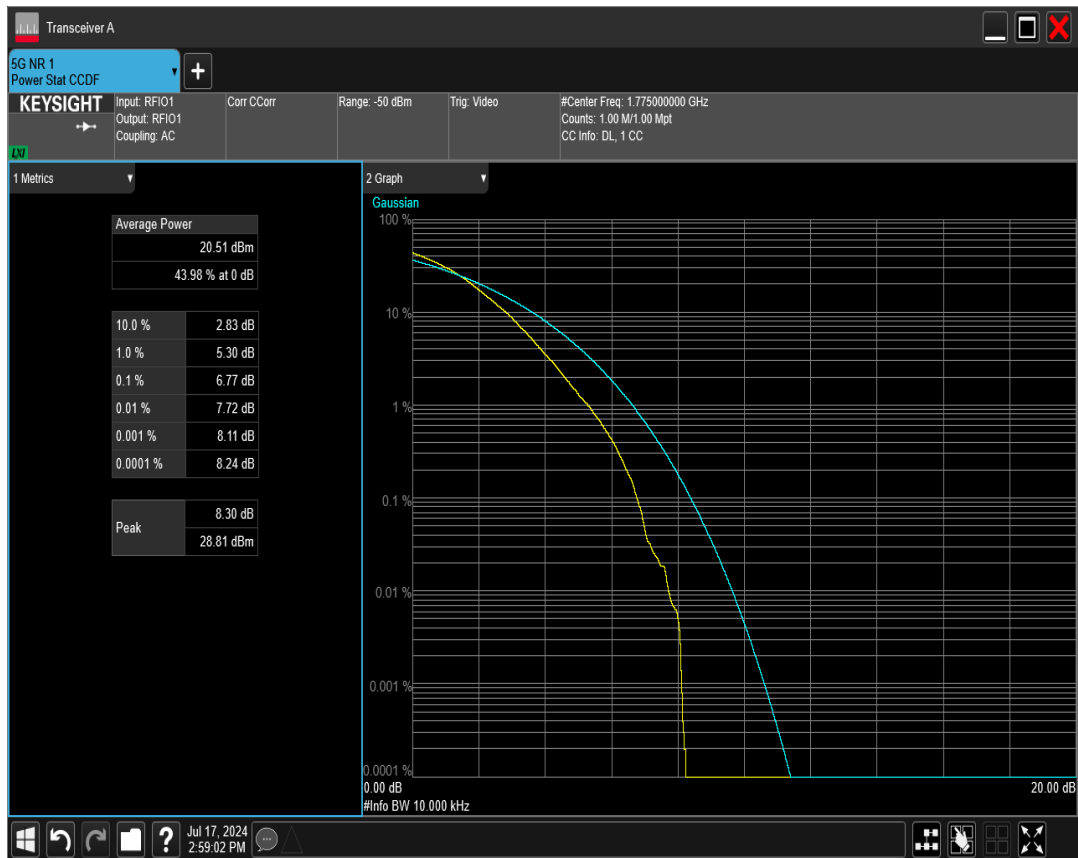
n66 SCS=30kHz DFT_QAM256 BW=10MHz Channel=343000 RB=24@0



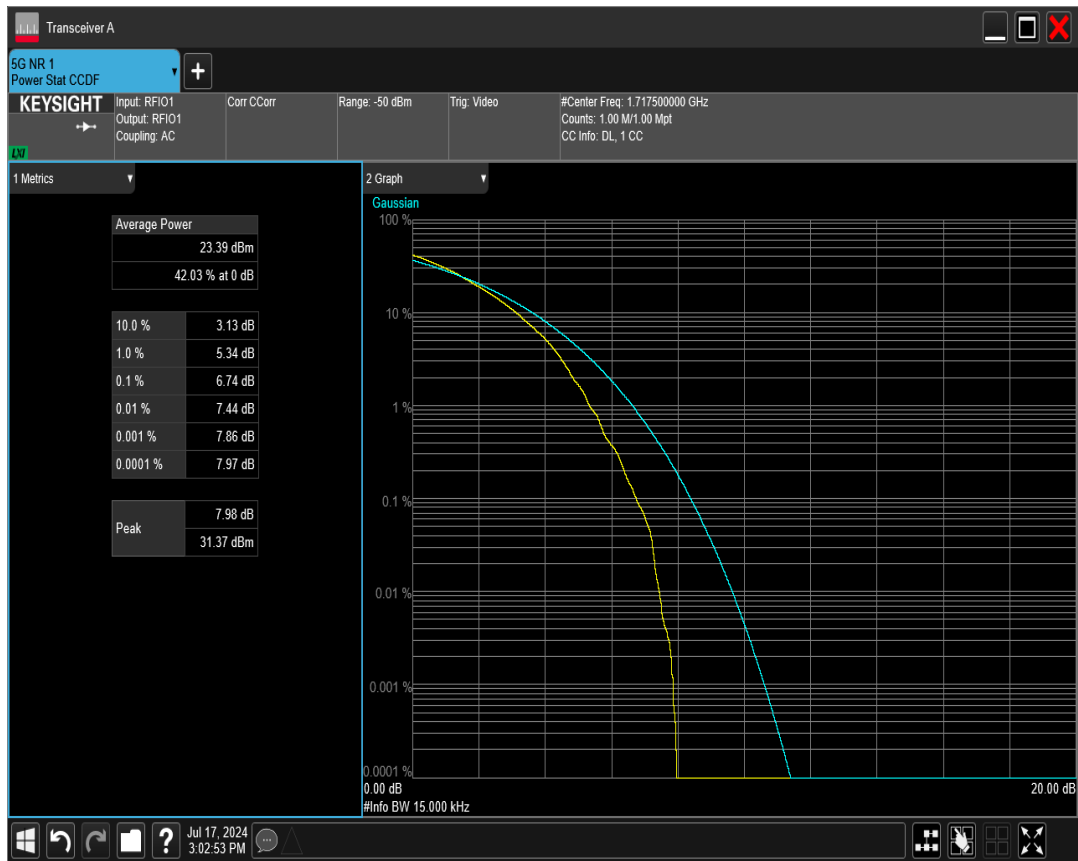
n66 SCS=30kHz DFT_QAM256 BW=10MHz Channel=349000 RB=24@0



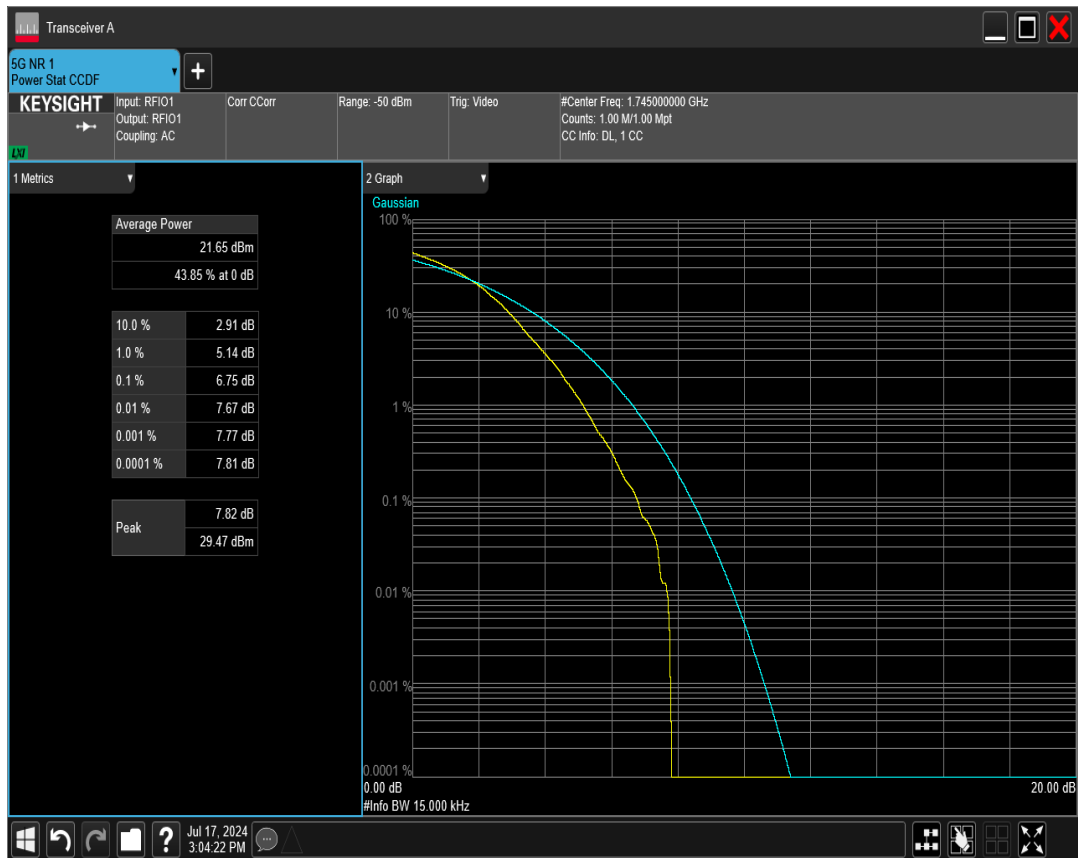
n66 SCS=30kHz DFT_QAM256 BW=10MHz Channel=355000 RB=24@0



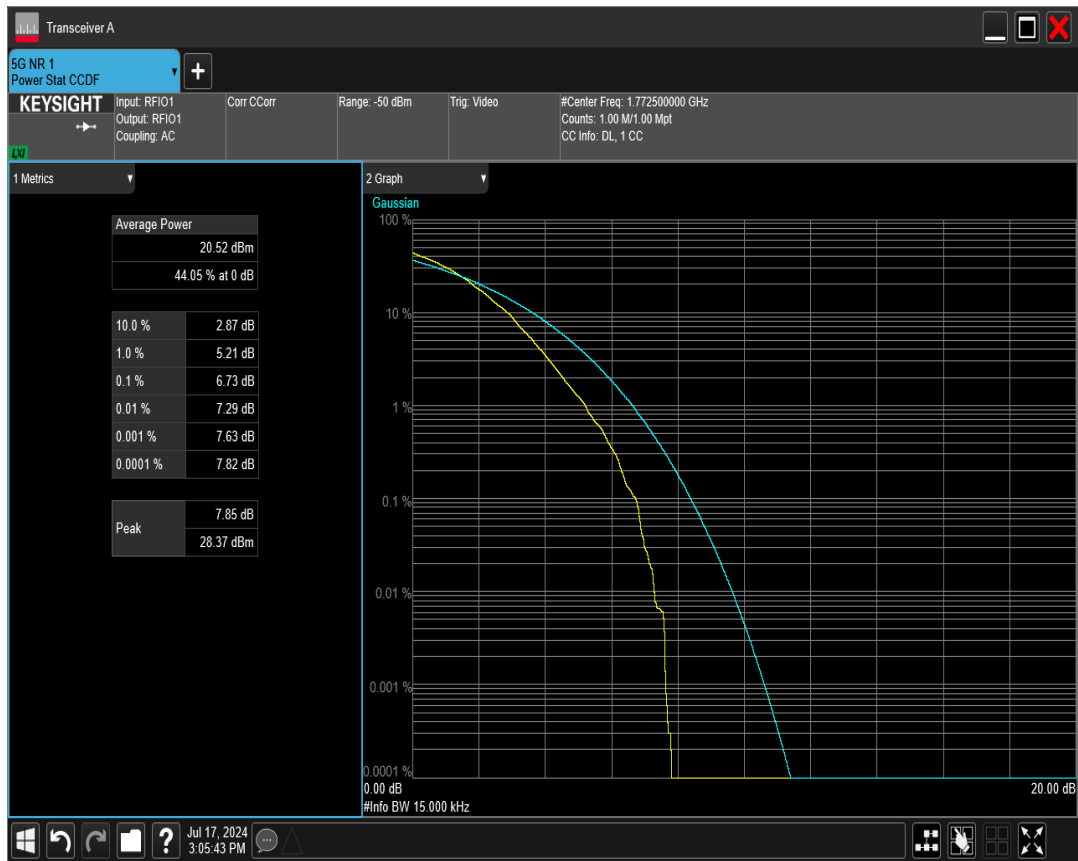
n66 SCS=30kHz DFT_QAM256 BW=15MHz Channel=343500 RB=36@0



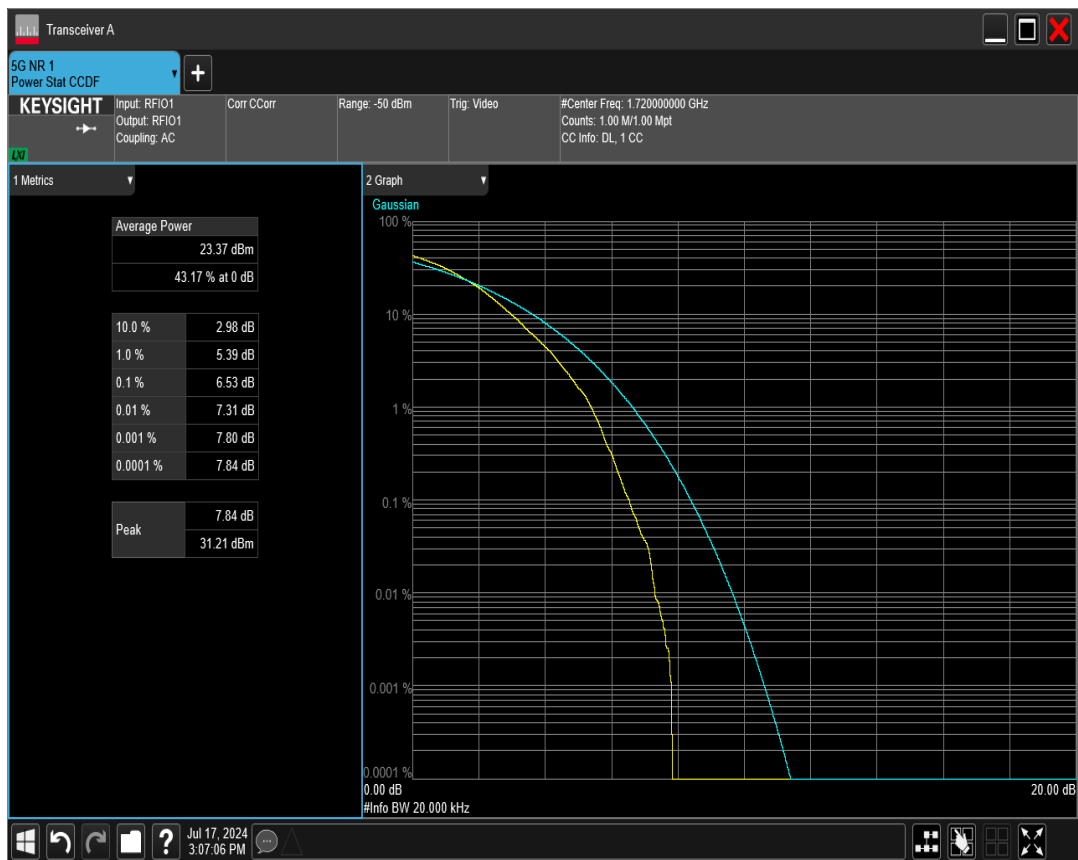
n66 SCS=30kHz DFT_QAM256 BW=15MHz Channel=349000 RB=36@0



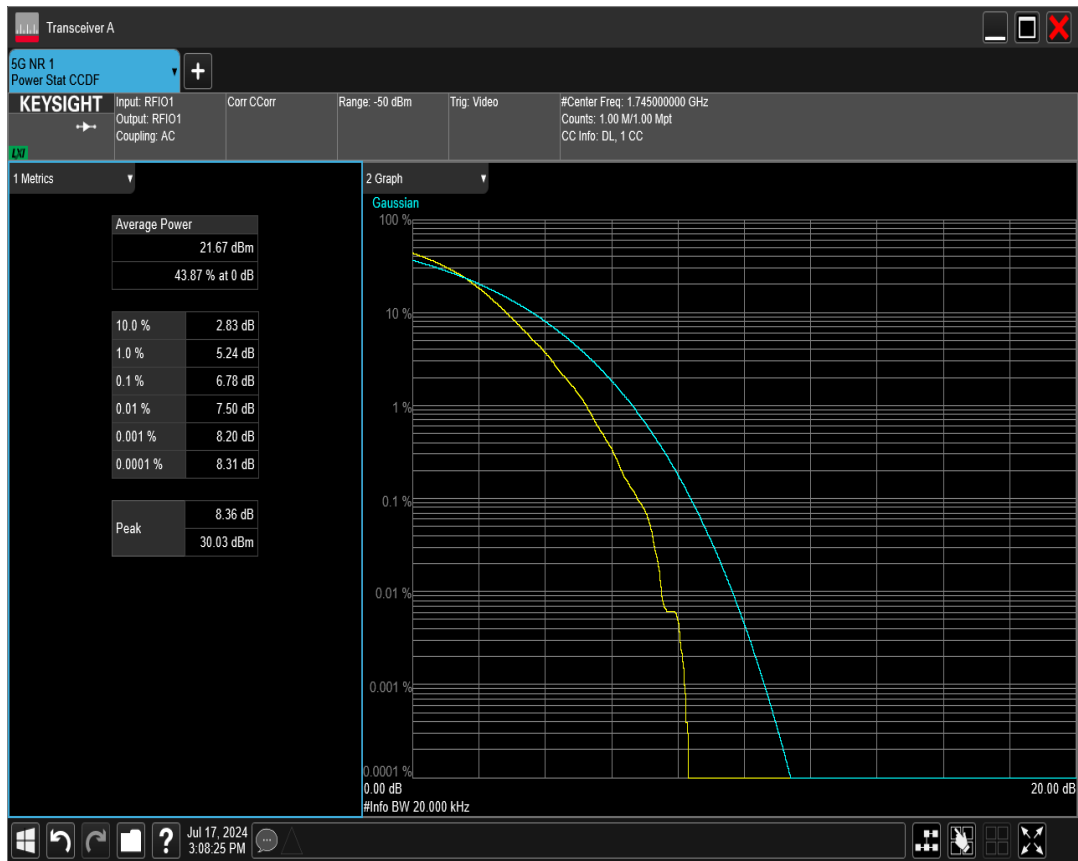
n66 SCS=30kHz DFT_QAM256 BW=15MHz Channel=354500 RB=36@0



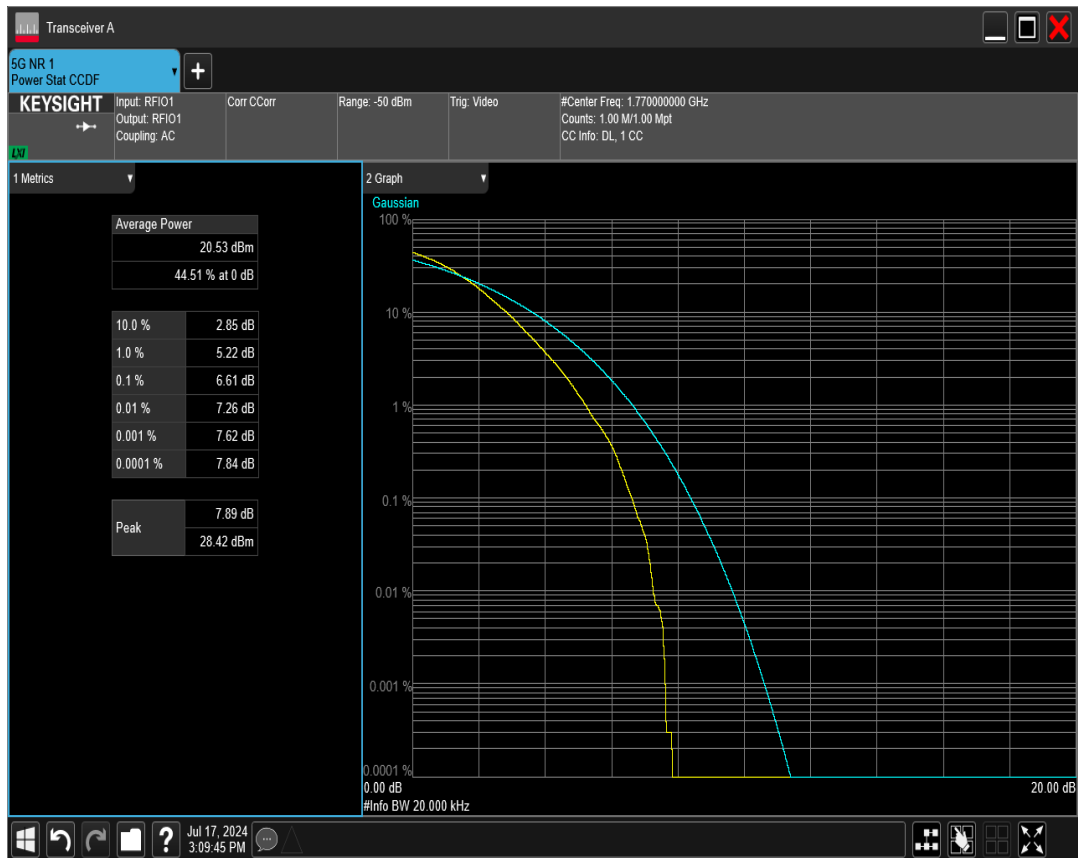
n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=344000 RB=50@0



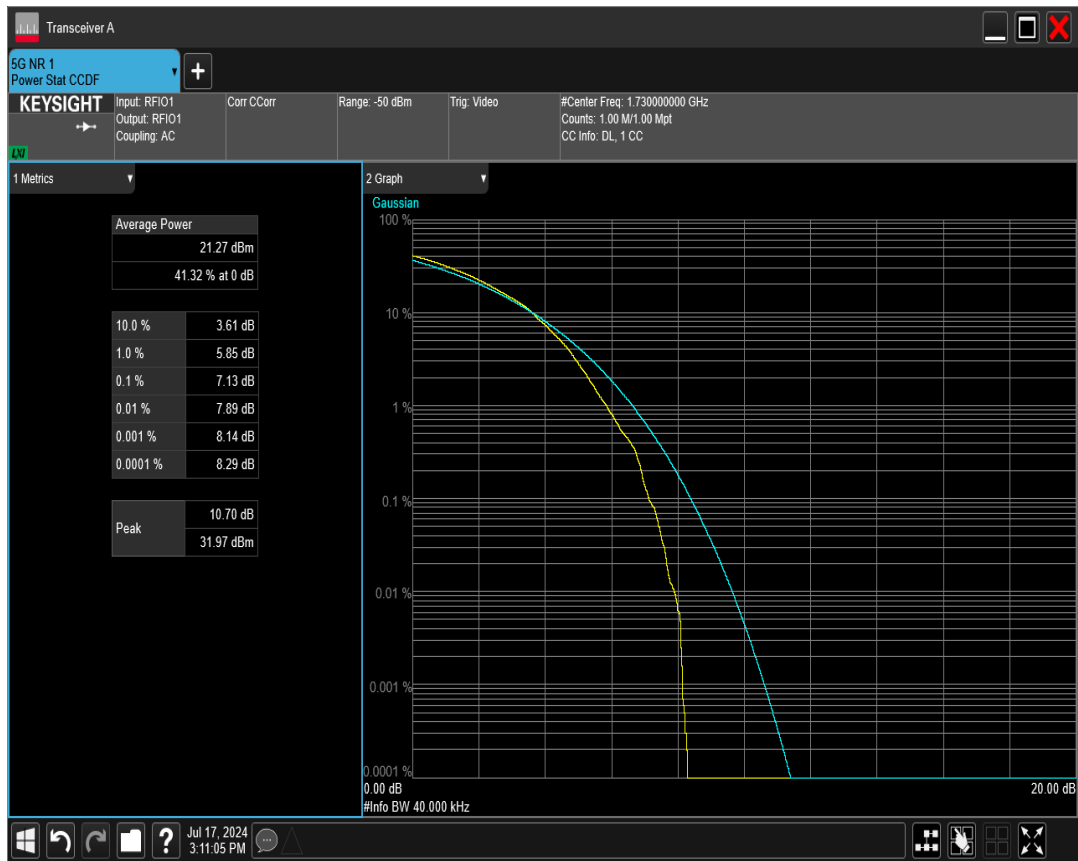
n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=349000 RB=50@0



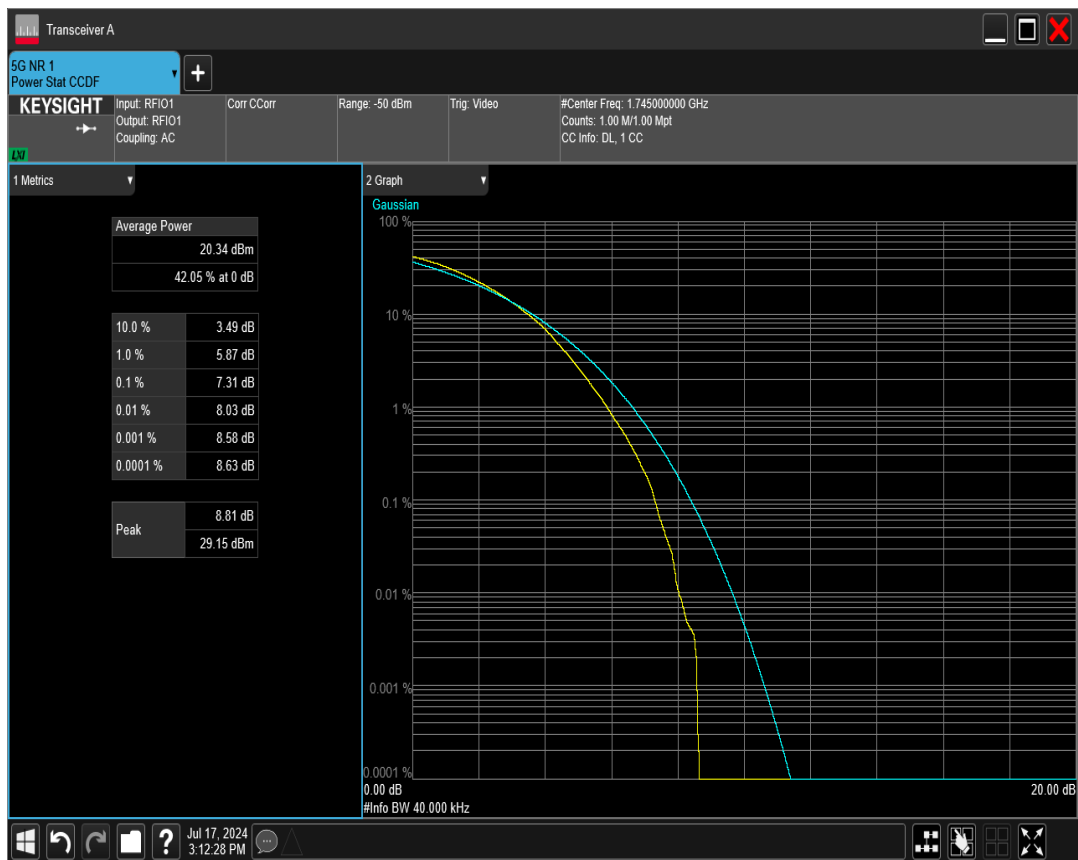
n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=354000 RB=50@0



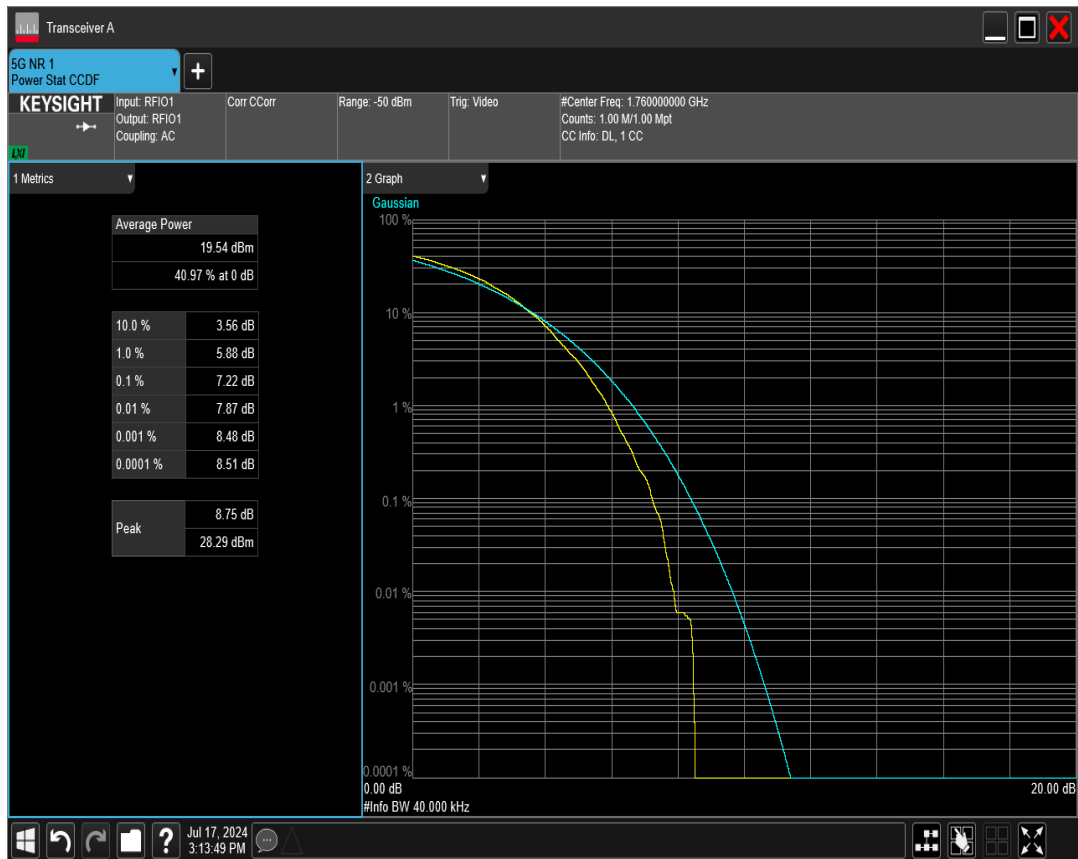
n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=346000 RB=100@0



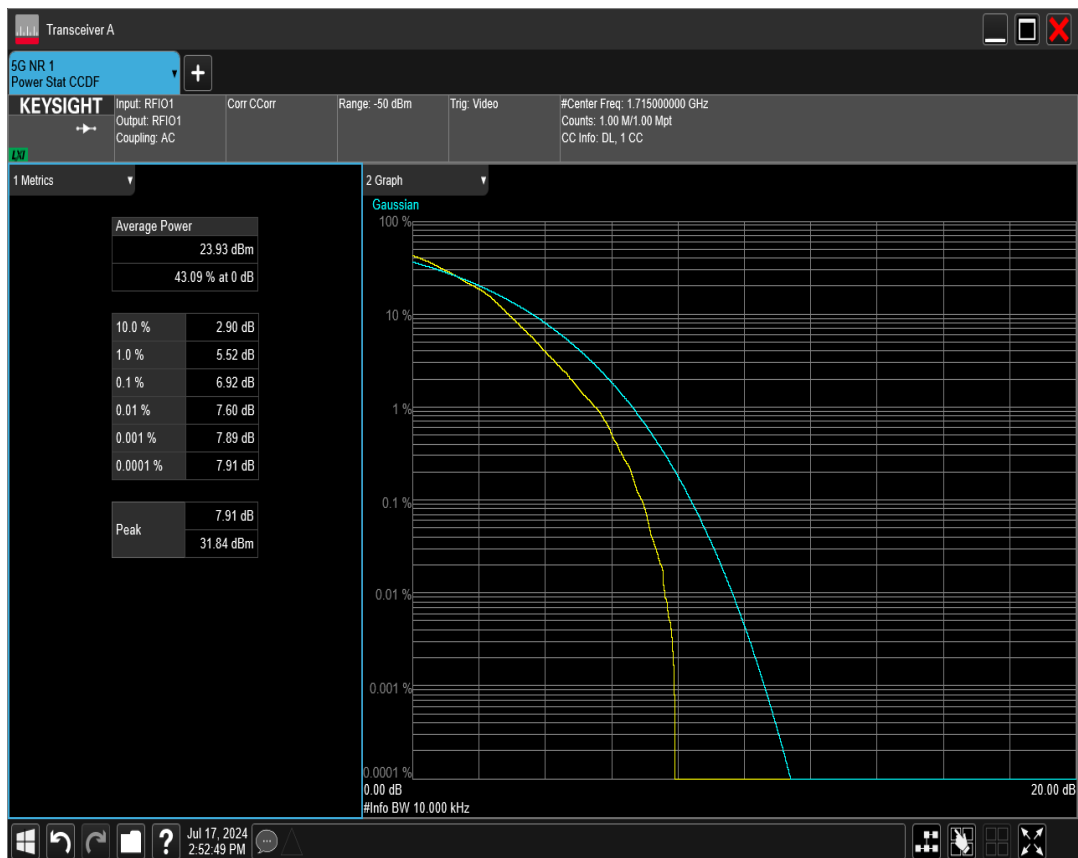
n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=349000 RB=100@0



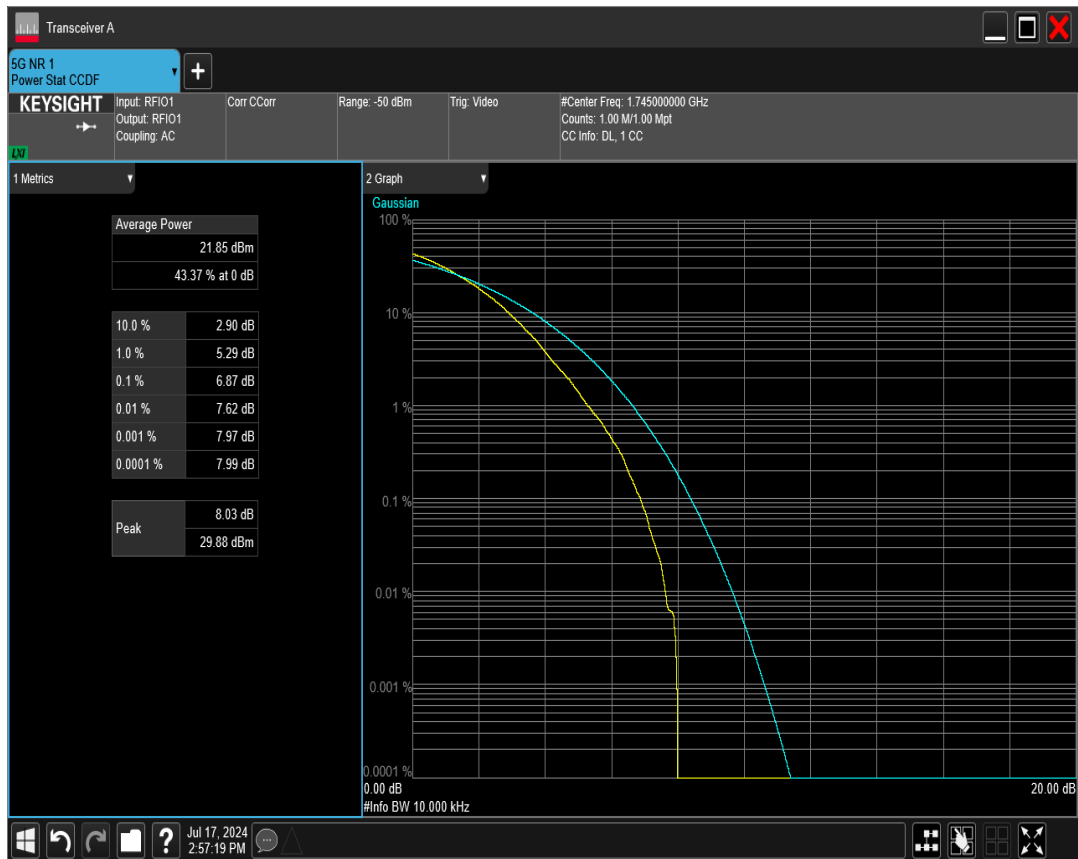
n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=352000 RB=100@0



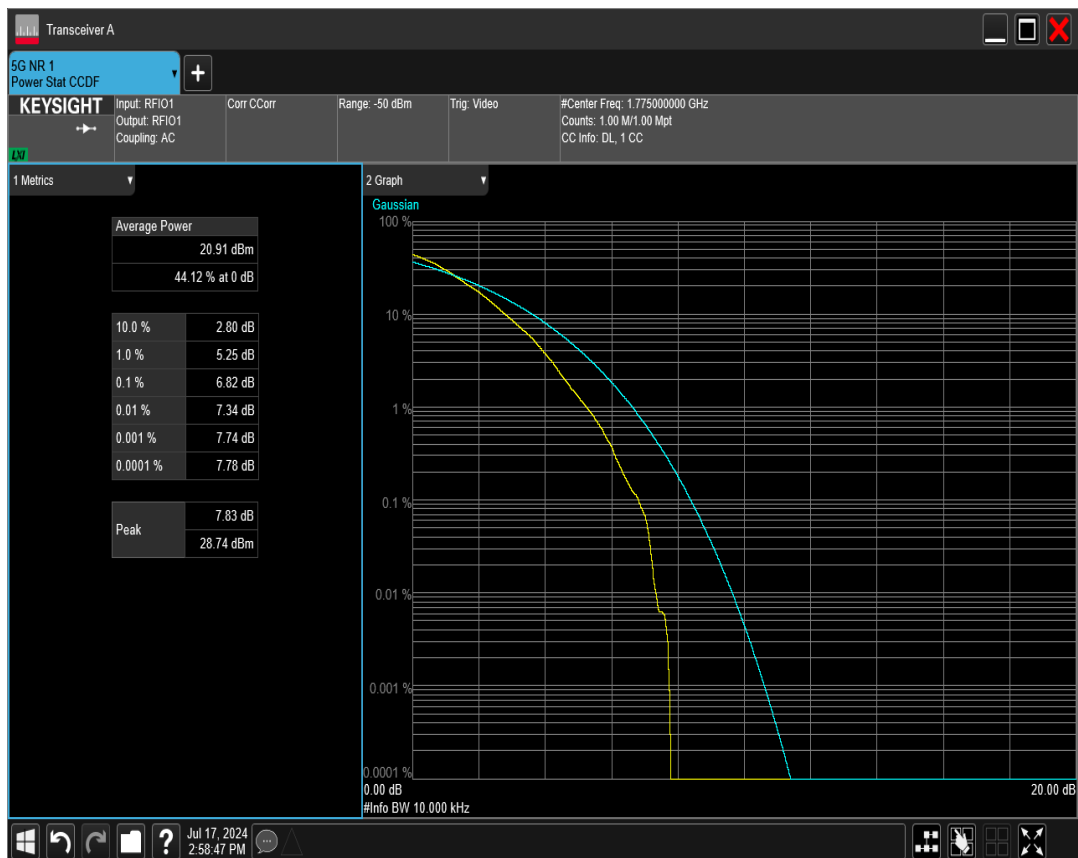
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=343000 RB=24@0



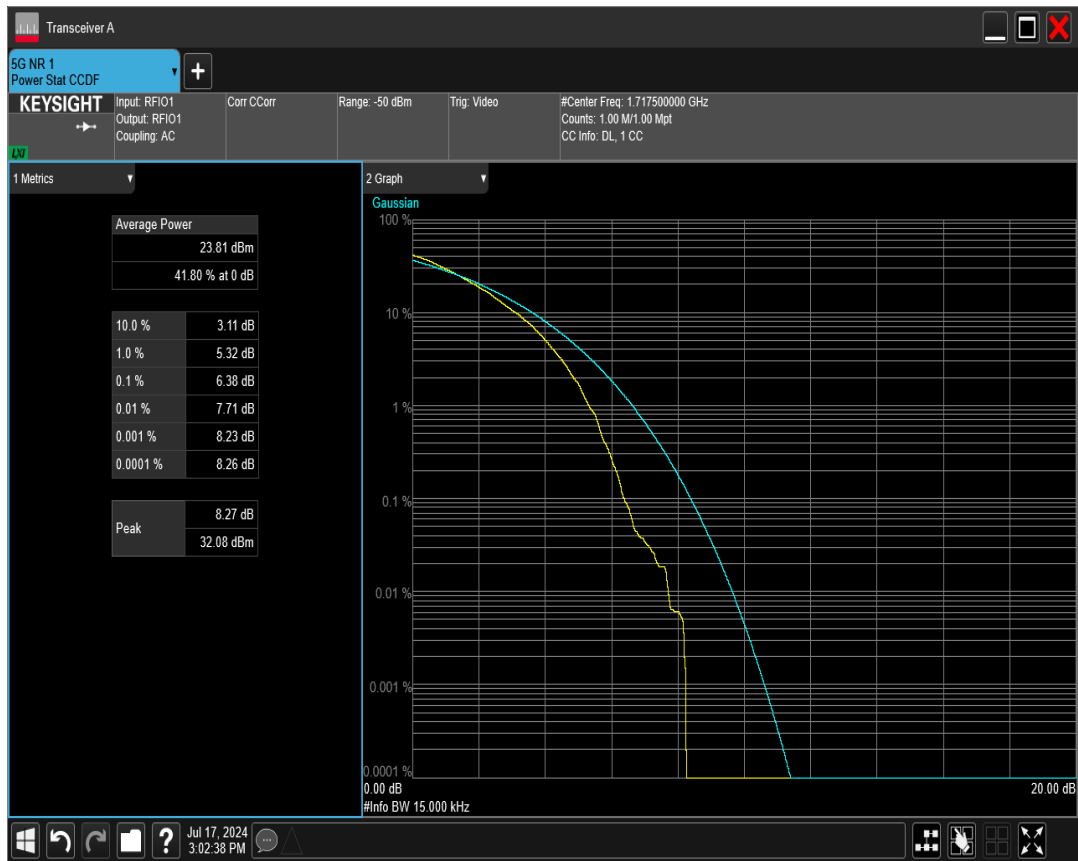
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=349000 RB=24@0



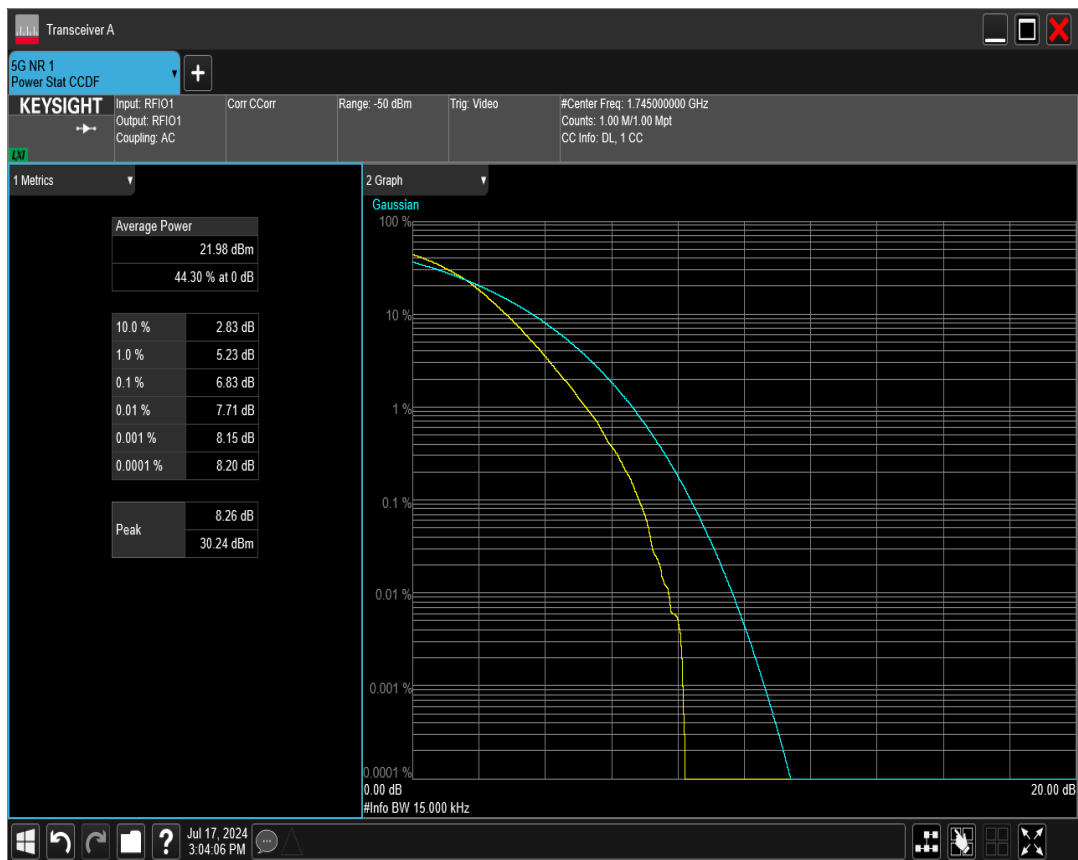
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=355000 RB=24@0



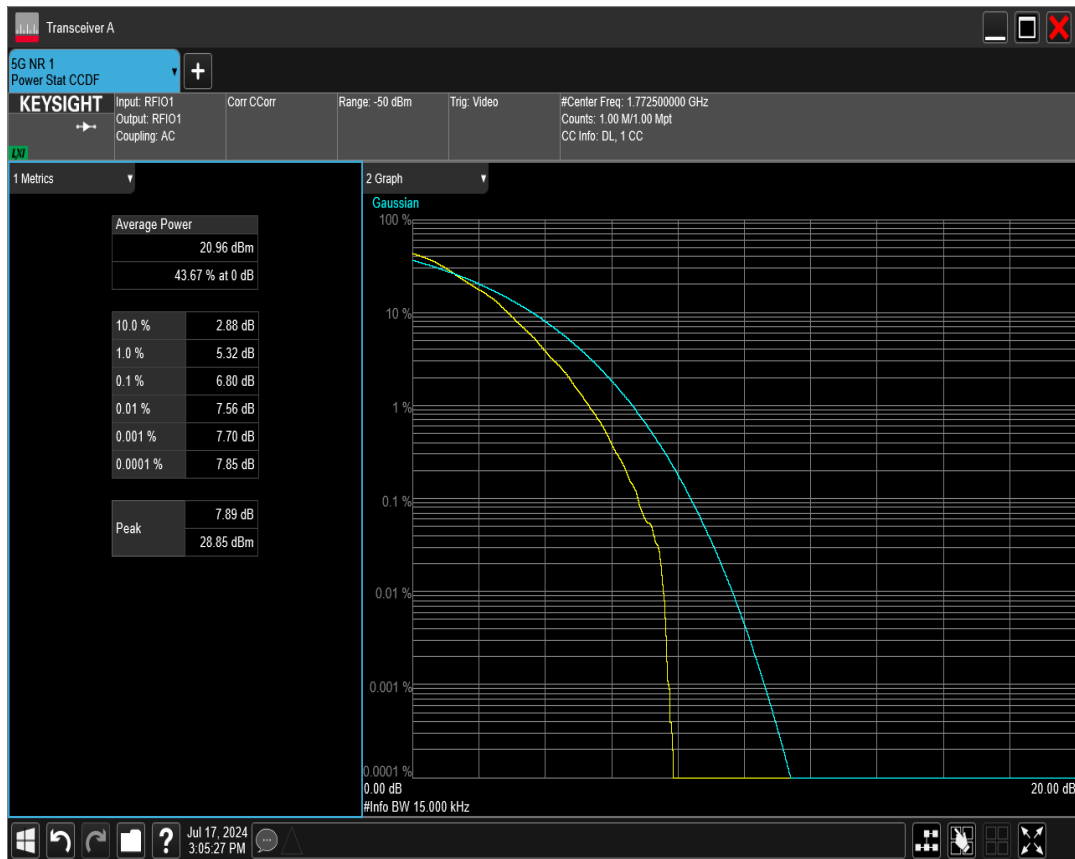
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=343500 RB=36@0



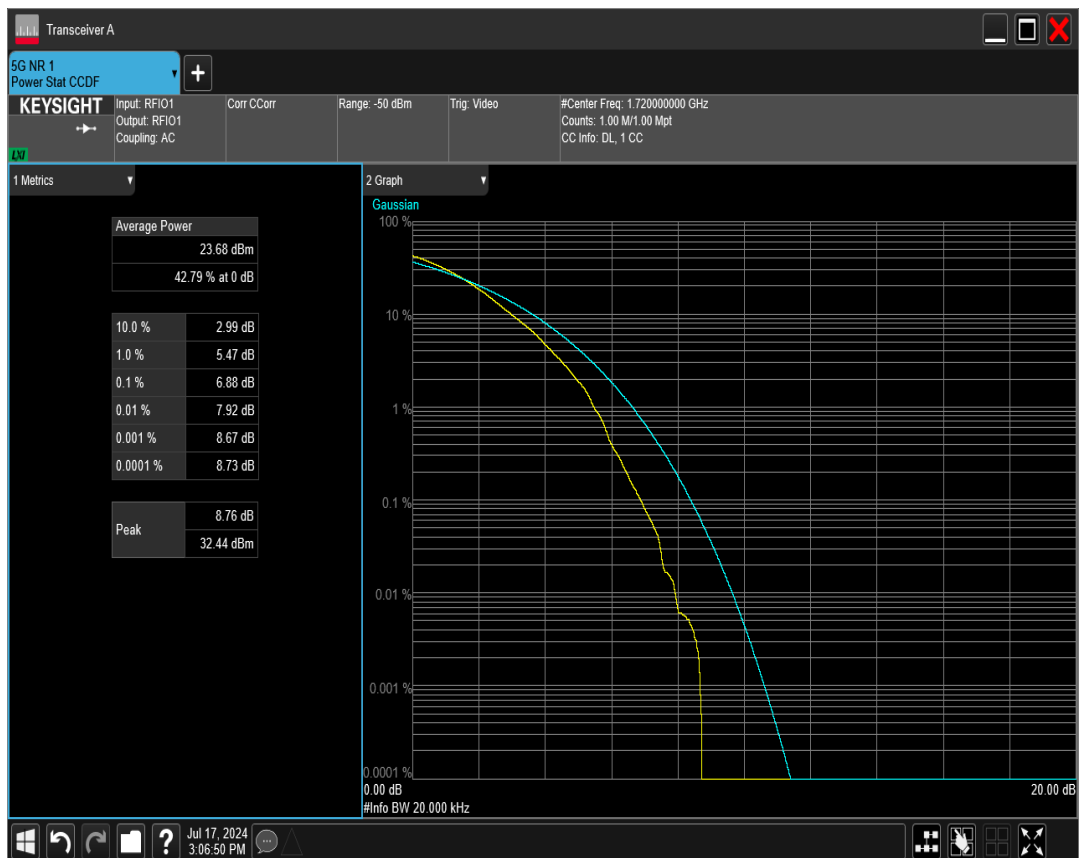
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=349000 RB=36@0



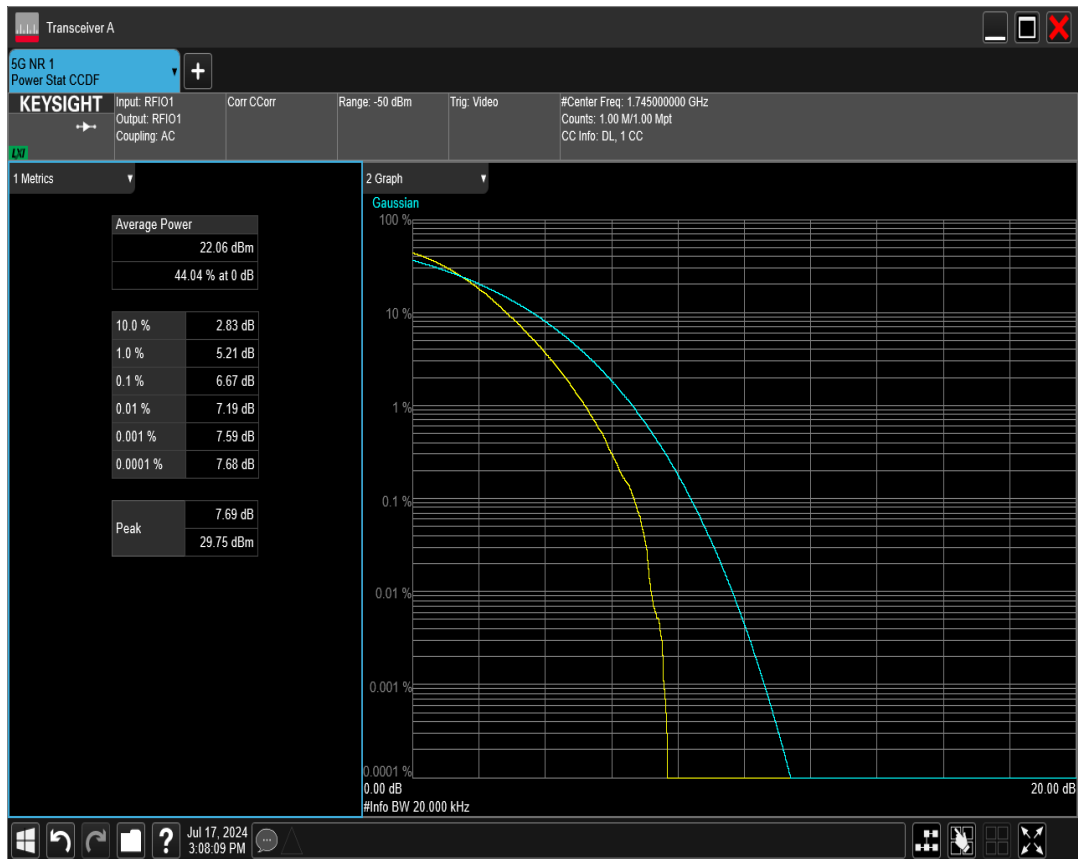
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=354500 RB=36@0



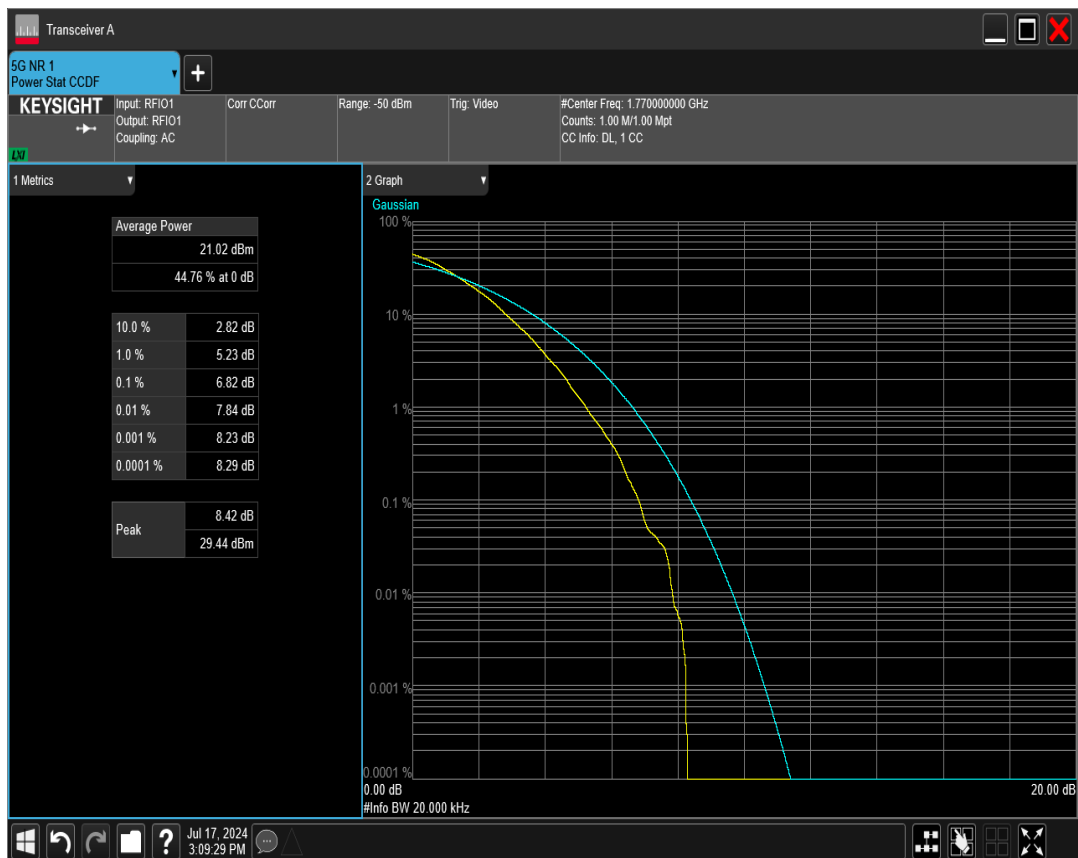
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=344000 RB=50@0



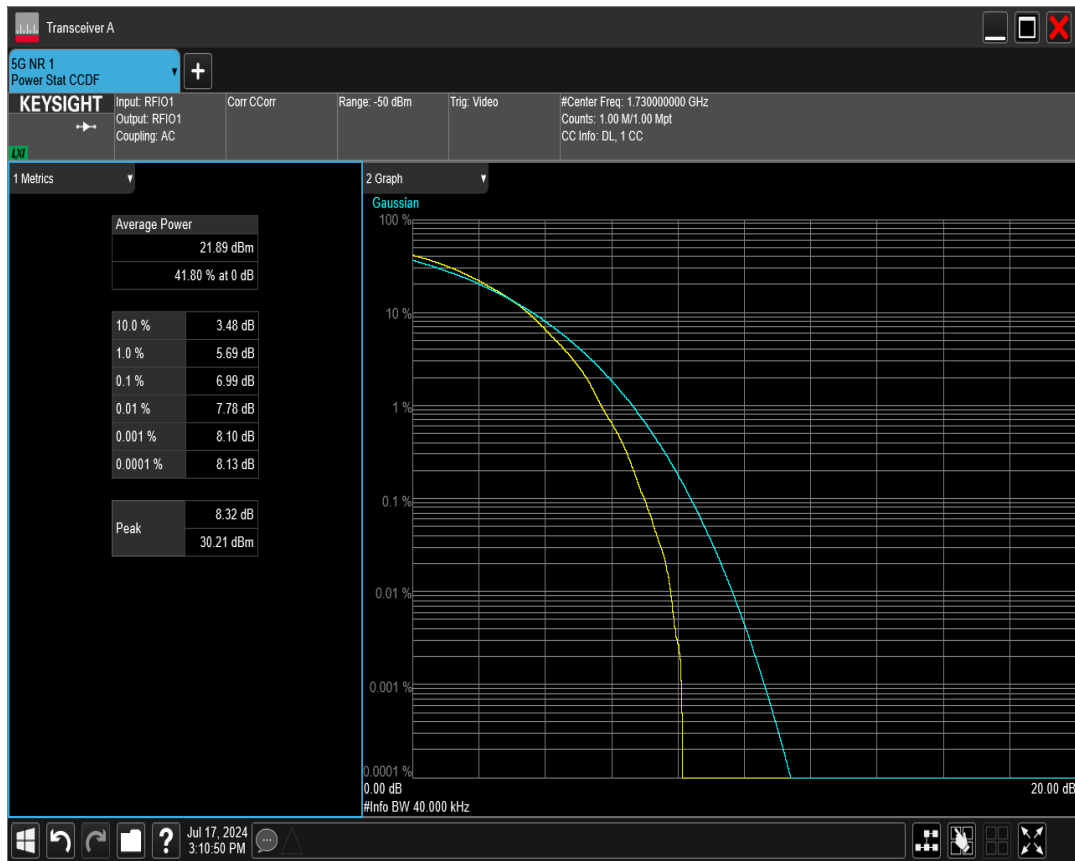
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=349000 RB=50@0



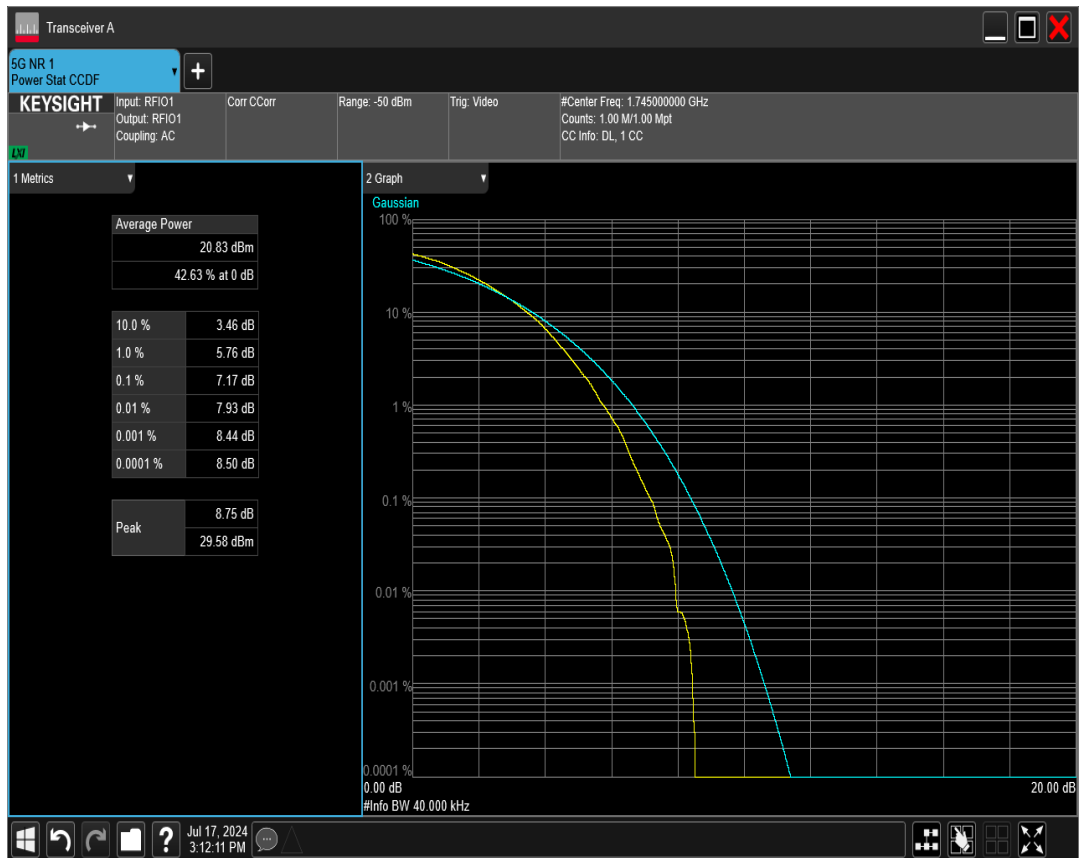
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=354000 RB=50@0



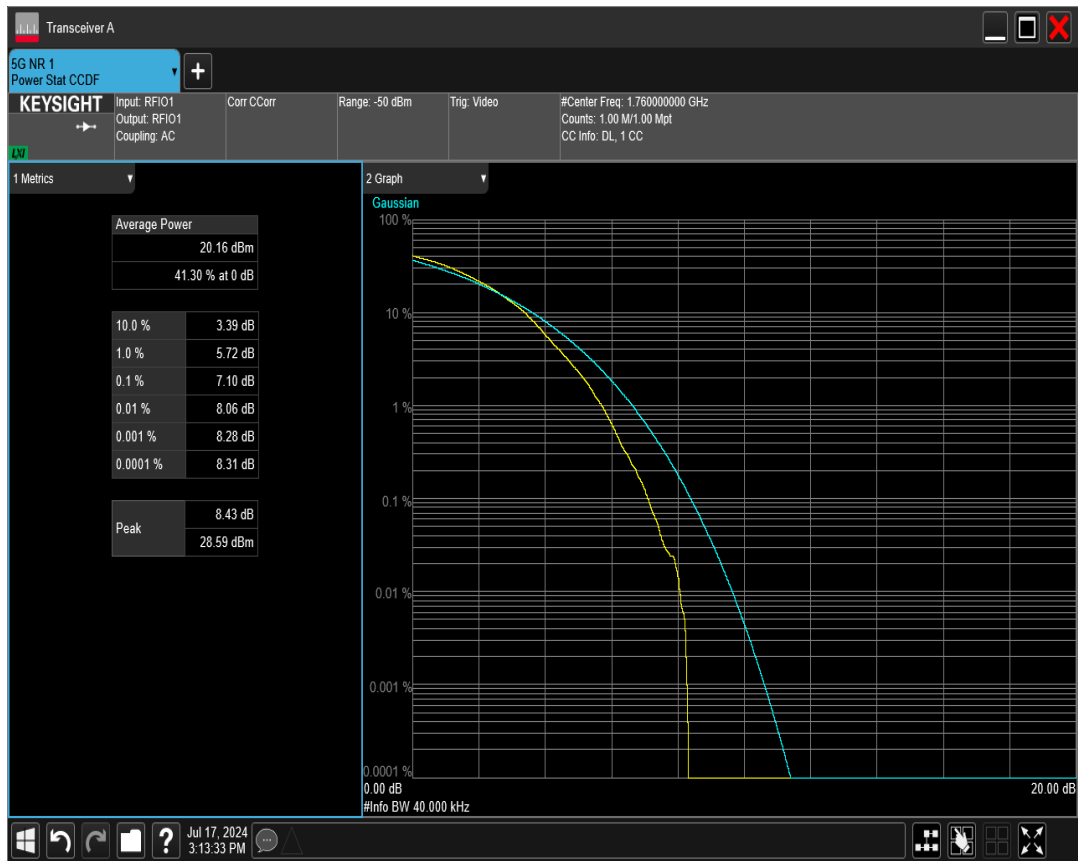
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=346000 RB=100@0



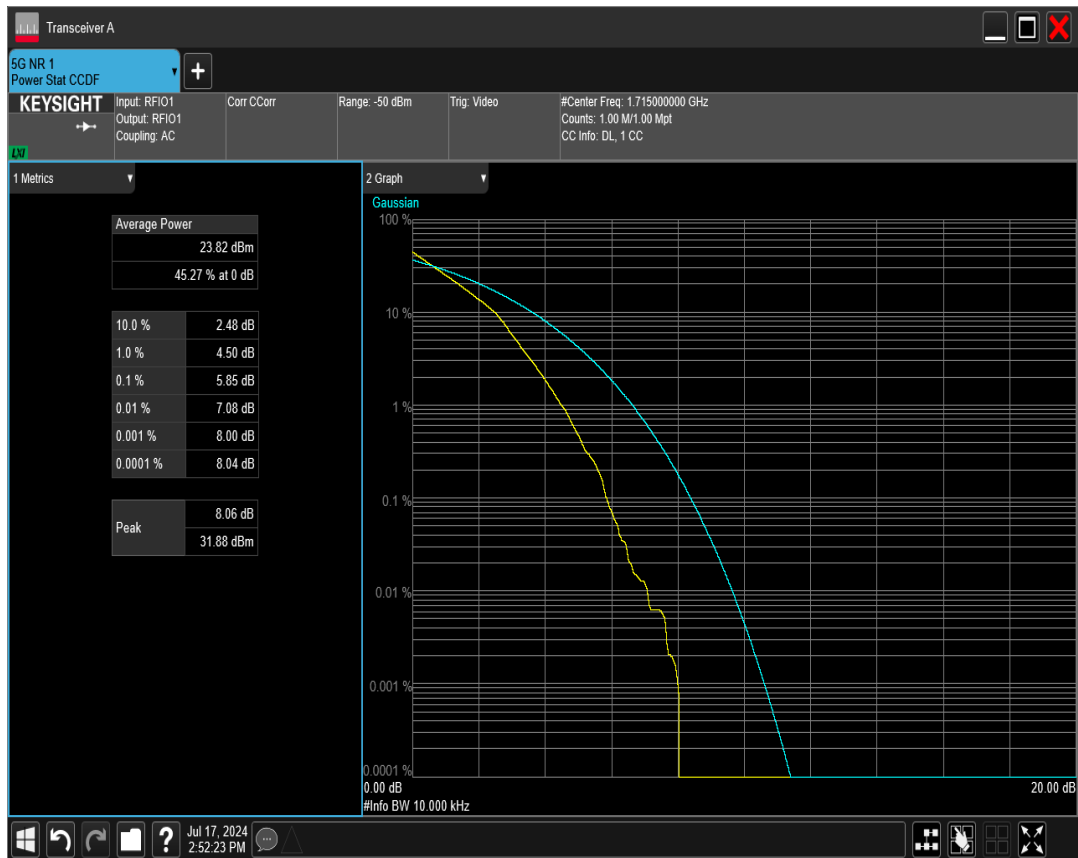
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=349000 RB=100@0



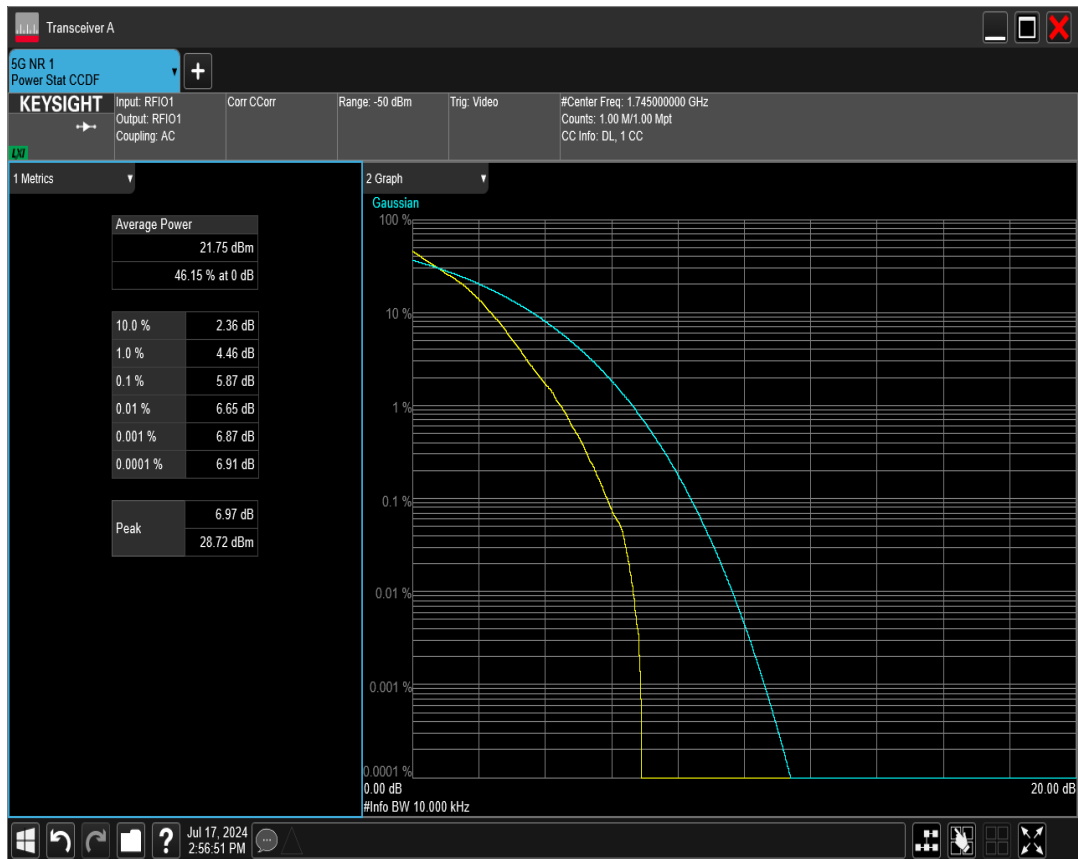
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=352000 RB=100@0



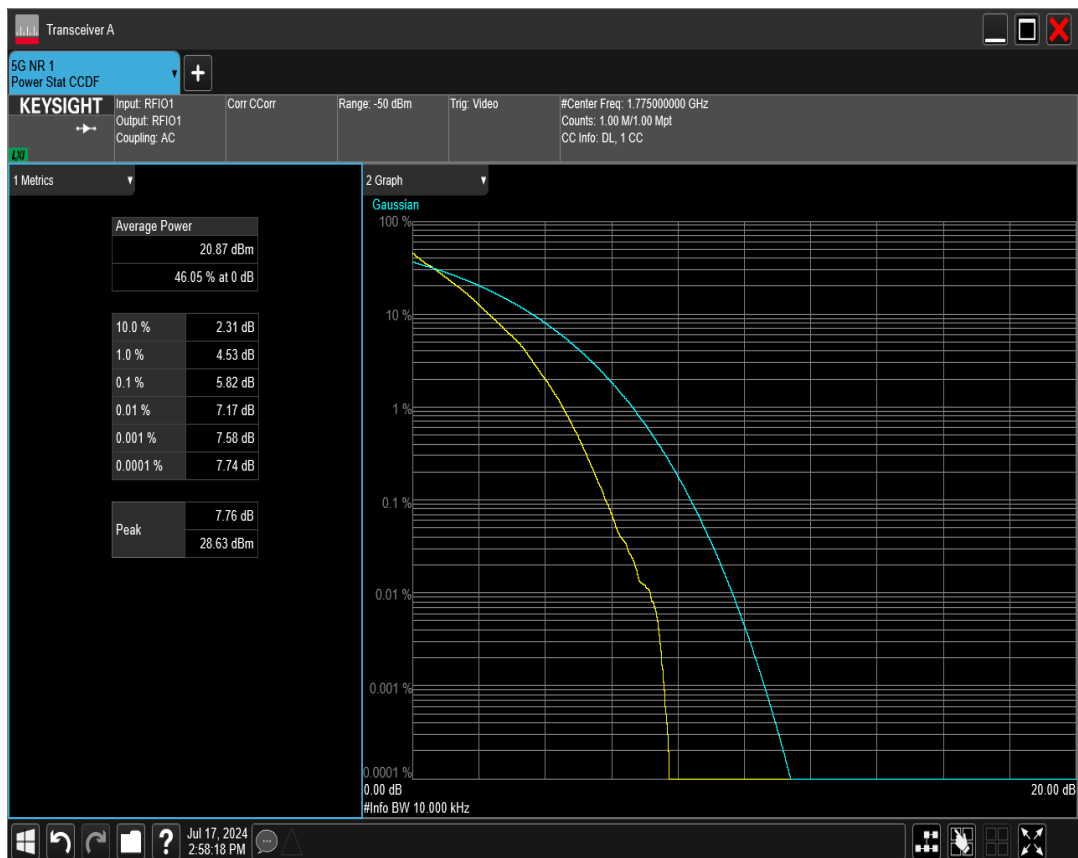
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=24@0



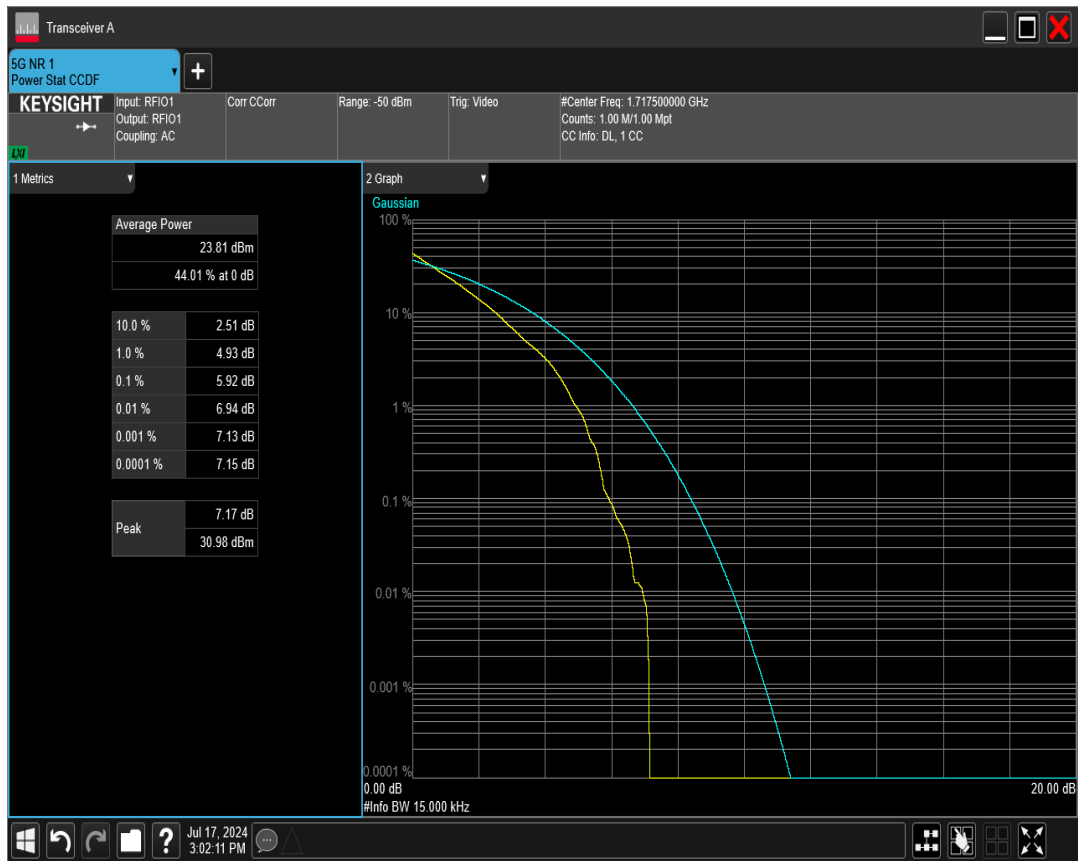
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=24@0



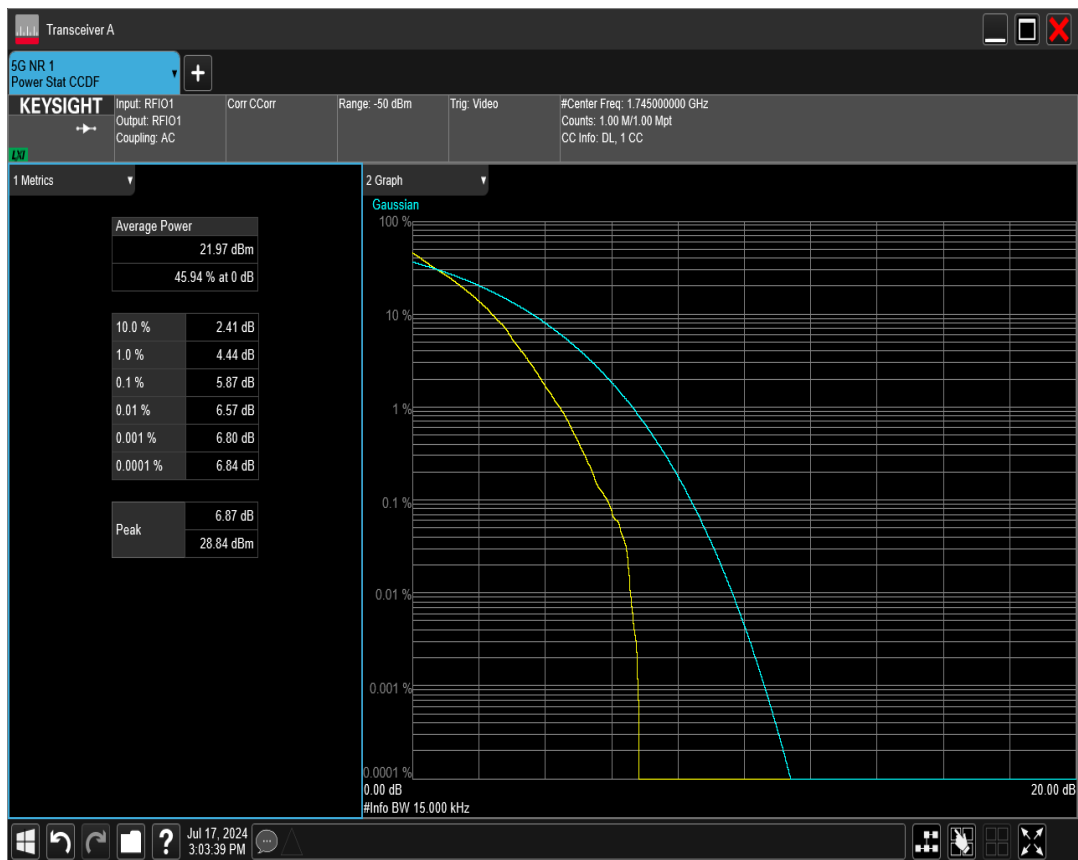
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=24@0



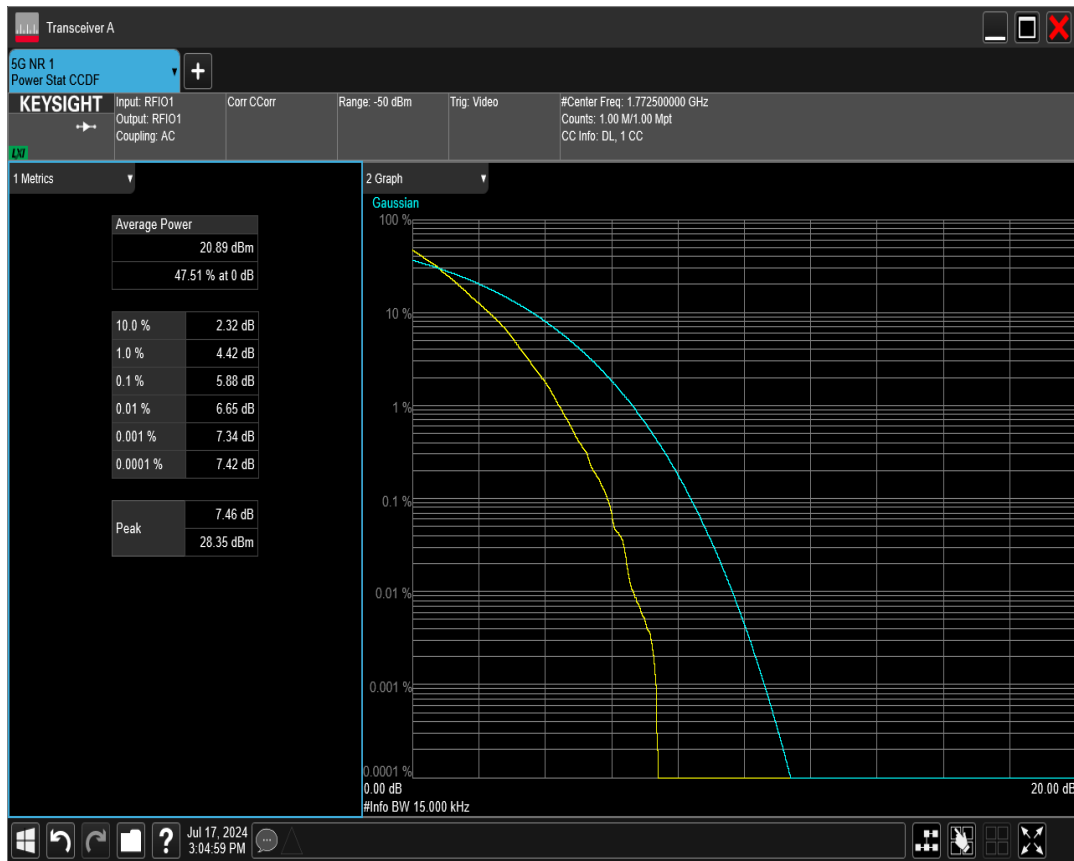
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=343500 RB=36@0



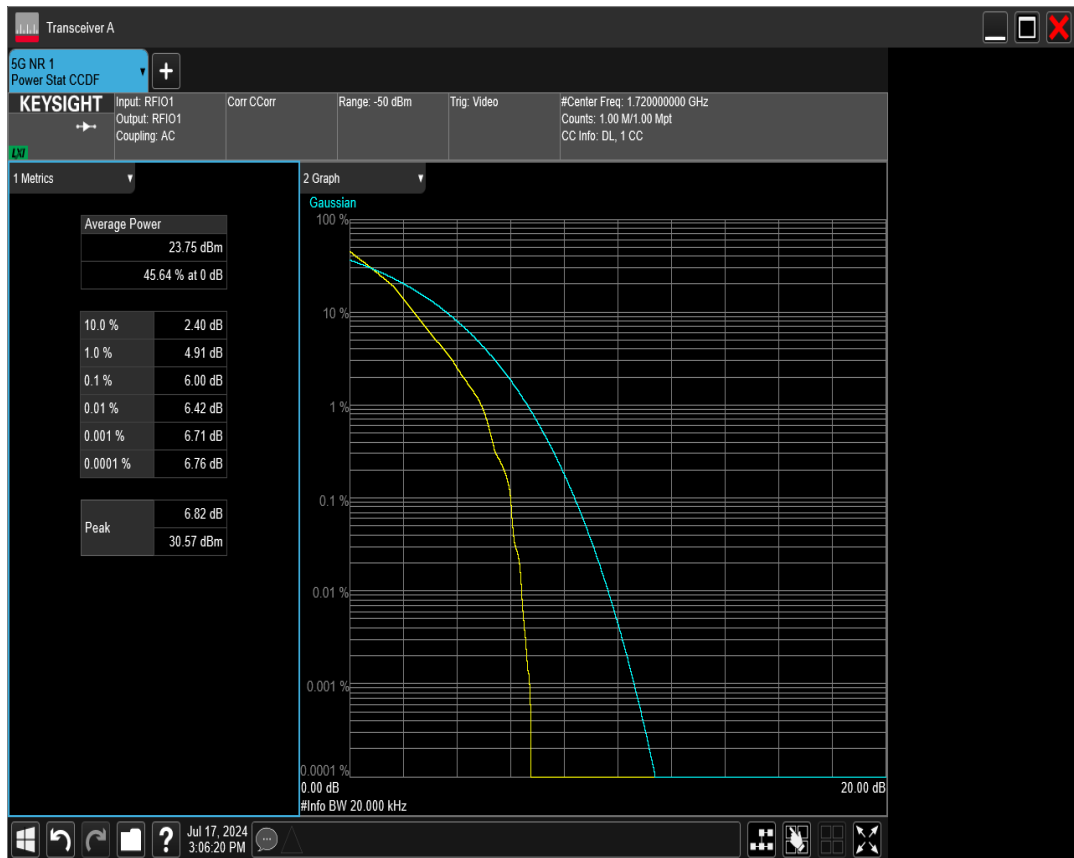
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=349000 RB=36@0



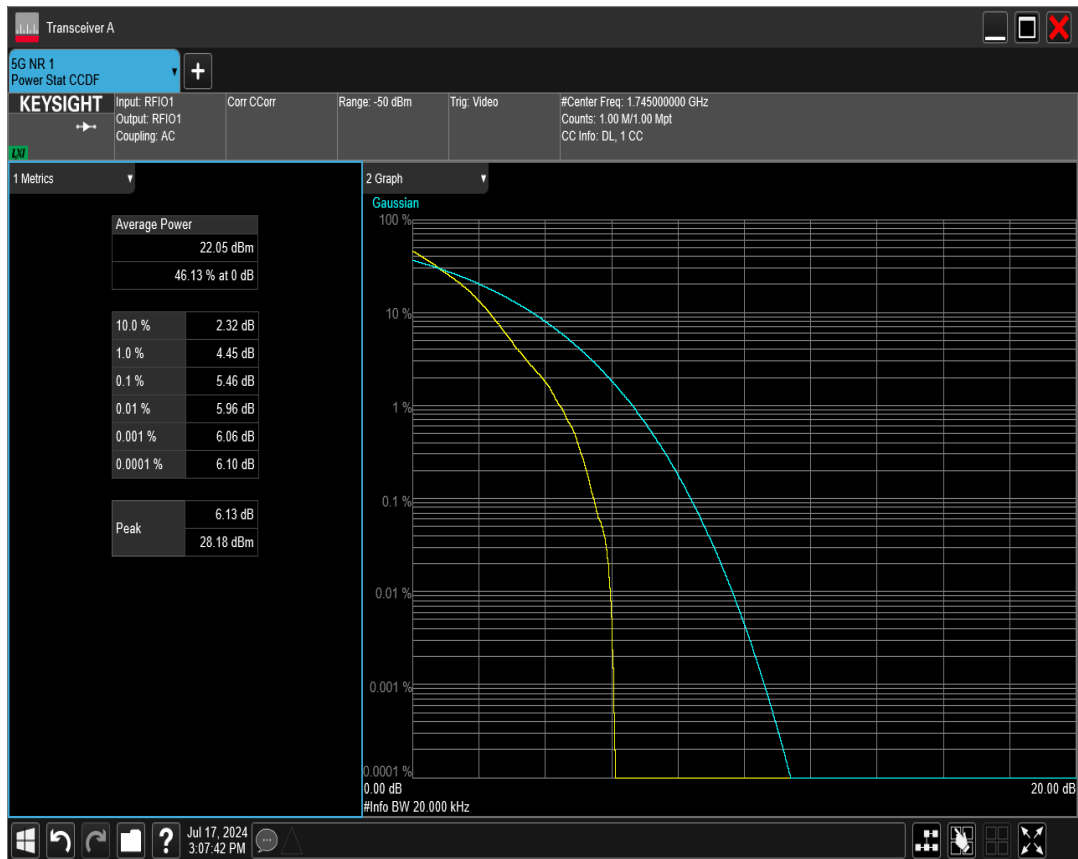
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=354500 RB=36@0



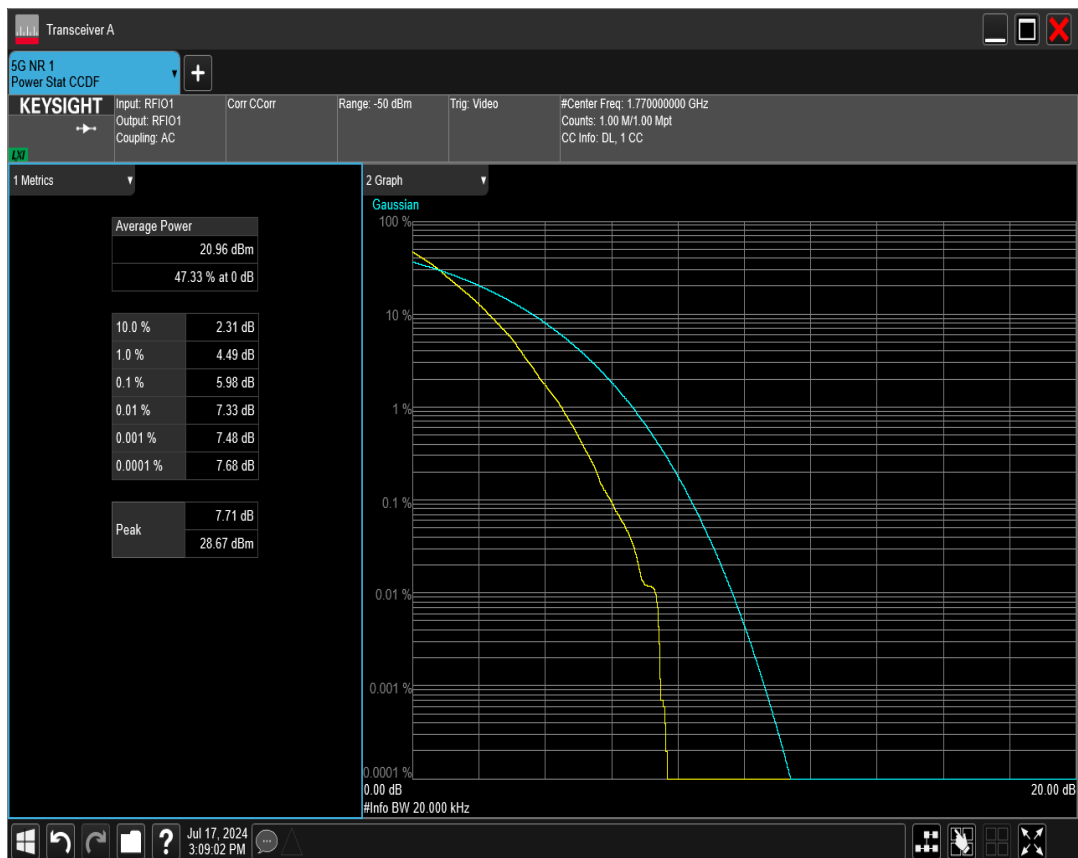
n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=344000 RB=50@0



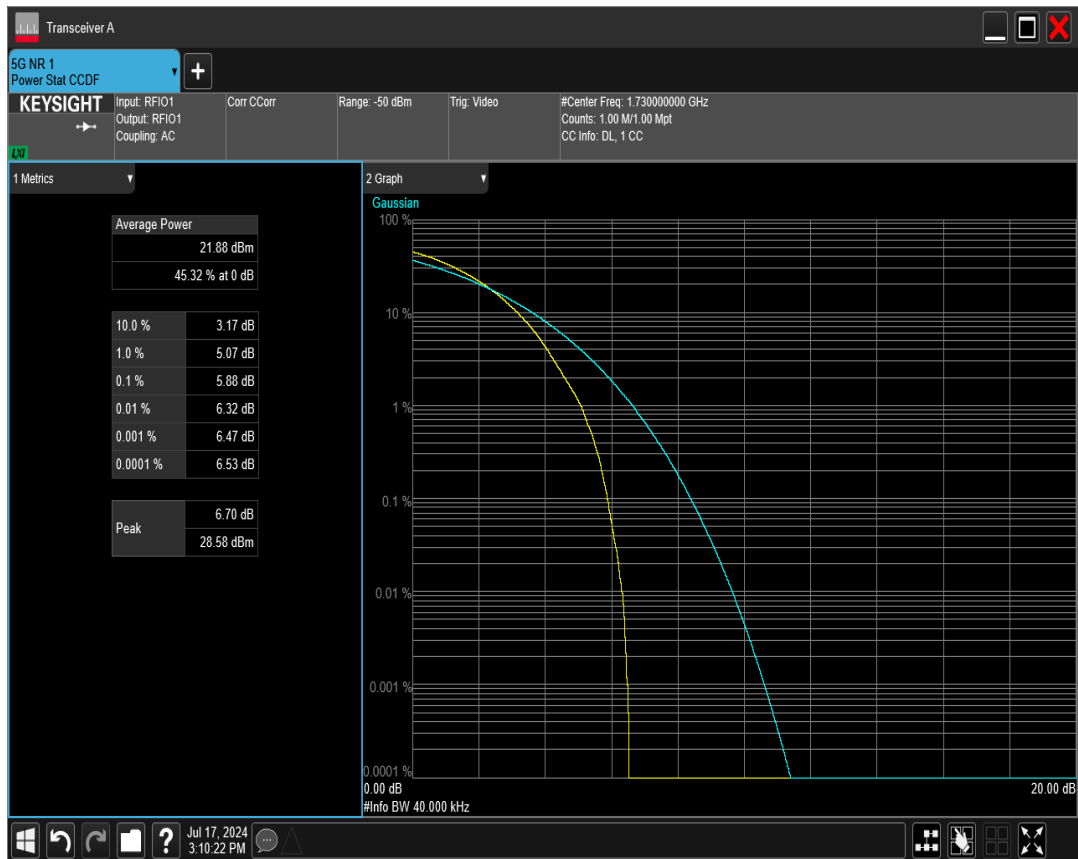
n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=349000 RB=50@0



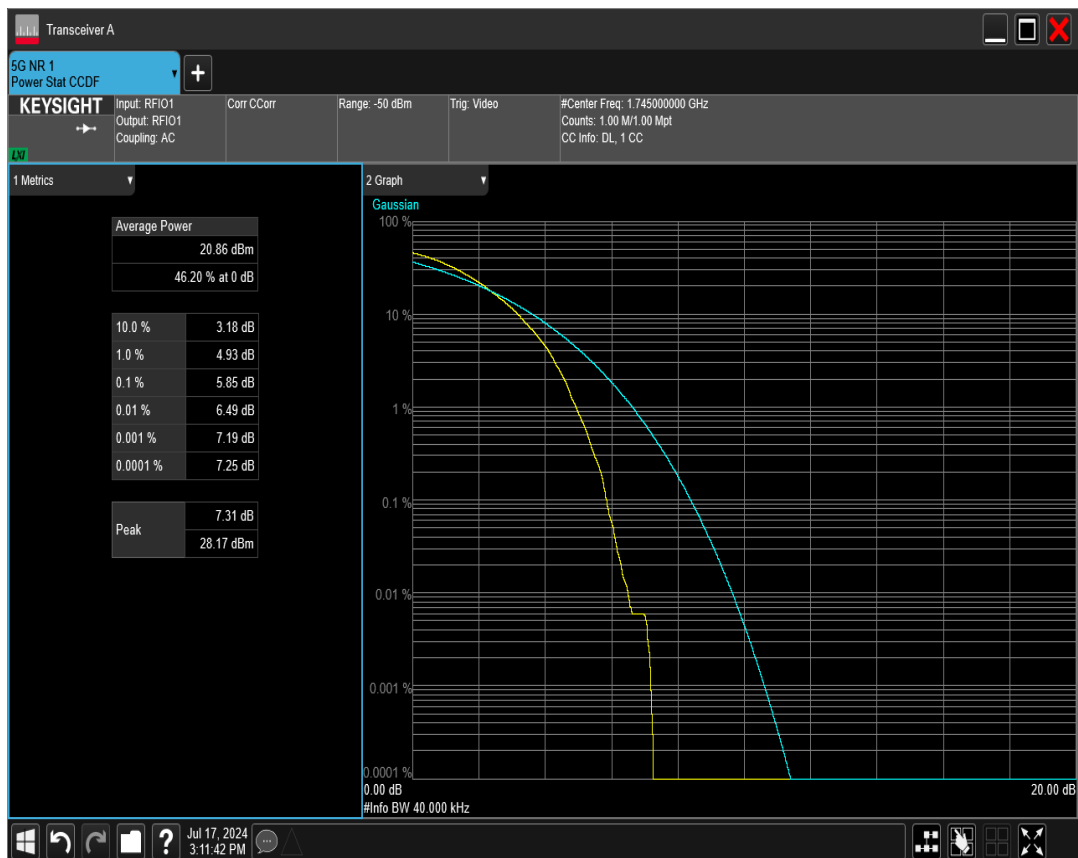
n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=354000 RB=50@0



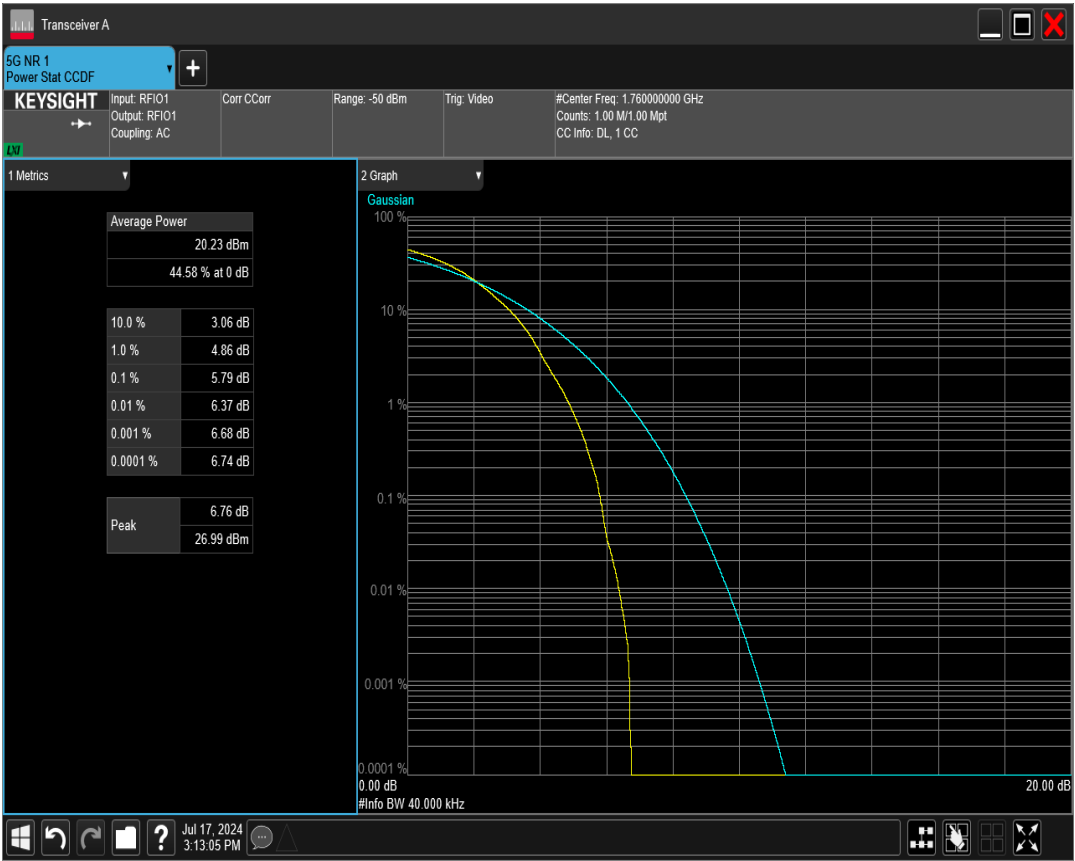
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=100@0



n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=349000 RB=100@0



n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 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	30	10	349000	24@0	DFT_BPSK	8.530	8.870	PASS
n66	30	10	349000	24@0	DFT_QPSK	8.570	8.900	PASS
n66	30	10	349000	24@0	DFT_QAM16	8.530	8.830	PASS
n66	30	10	349000	24@0	DFT_QAM64	8.550	8.950	PASS
n66	30	10	349000	24@0	DFT_QAM256	8.550	8.850	PASS
n66	30	15	349000	36@0	DFT_BPSK	13.530	13.160	PASS
n66	30	15	349000	36@0	DFT_QPSK	13.550	13.220	PASS
n66	30	15	349000	36@0	DFT_QAM16	13.500	13.160	PASS
n66	30	15	349000	36@0	DFT_QAM64	13.540	13.220	PASS
n66	30	15	349000	36@0	DFT_QAM256	13.500	13.310	PASS
n66	30	20	349000	50@0	DFT_BPSK	18.060	18.180	PASS
n66	30	20	349000	50@0	DFT_QPSK	18.060	18.170	PASS
n66	30	20	349000	50@0	DFT_QAM16	18.060	18.210	PASS
n66	30	20	349000	50@0	DFT_QAM64	18.110	18.280	PASS
n66	30	20	349000	50@0	DFT_QAM256	18.110	18.200	PASS
n66	30	40	349000	100@0	DFT_BPSK	37.680	36.280	PASS
n66	30	40	349000	100@0	DFT_QPSK	37.610	36.210	PASS
n66	30	40	349000	100@0	DFT_QAM16	37.620	36.240	PASS
n66	30	40	349000	100@0	DFT_QAM64	37.620	36.270	PASS
n66	30	40	349000	100@0	DFT_QAM256	37.560	36.210	PASS

n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=349000 RB=36@0



n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=349000 RB=50@0



n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=349000 RB=100@0



n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=349000 RB=36@0



n66 SCS=30kHz DFT_QAM16 BW=20MHz Channel=349000 RB=50@0