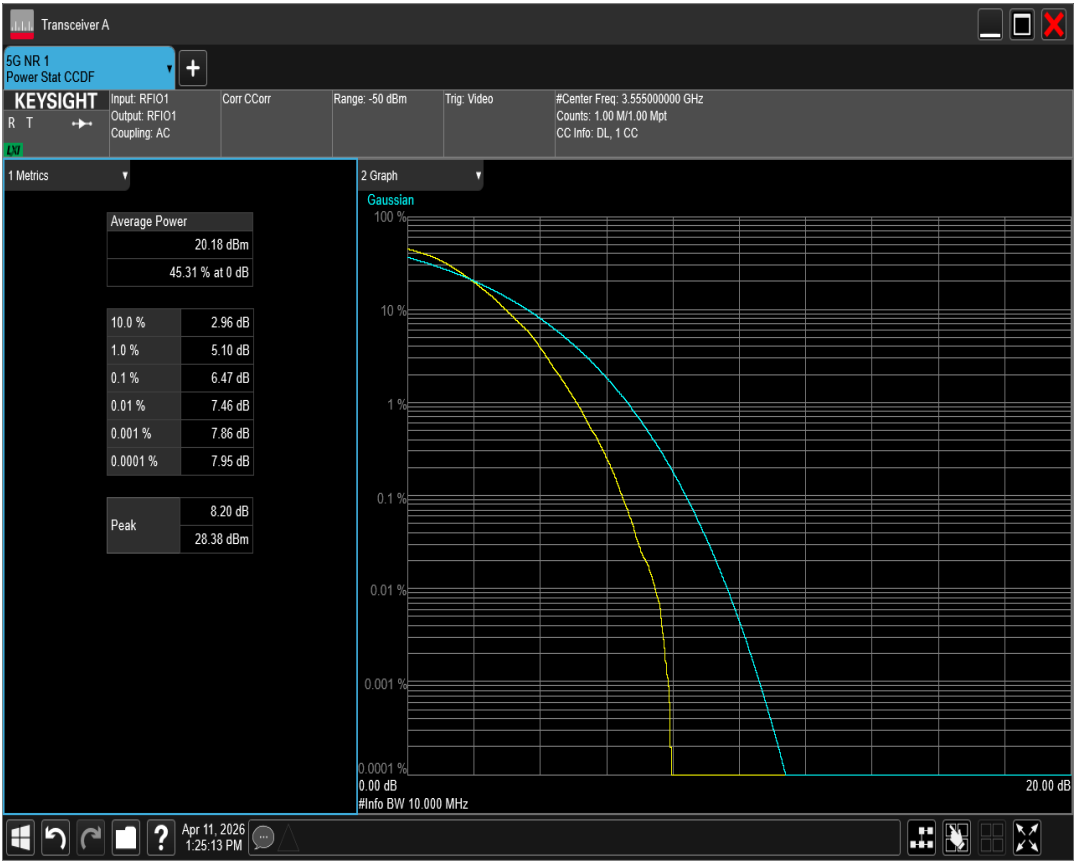
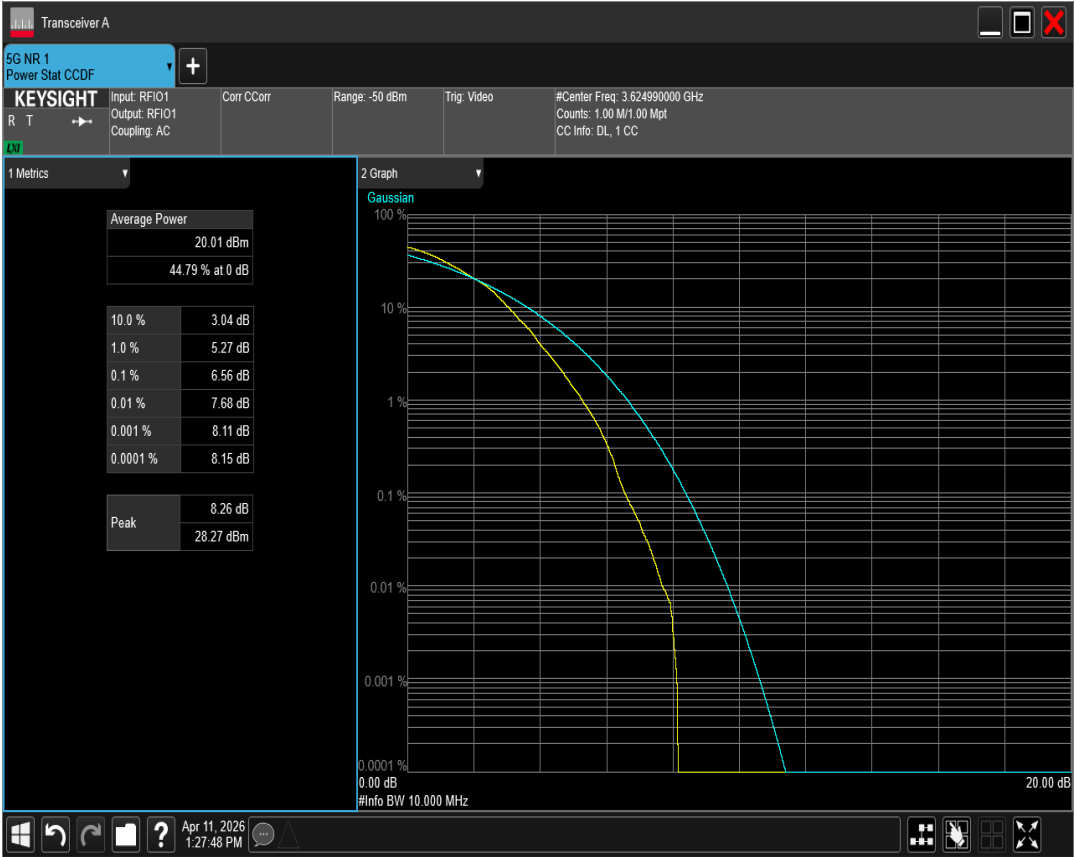
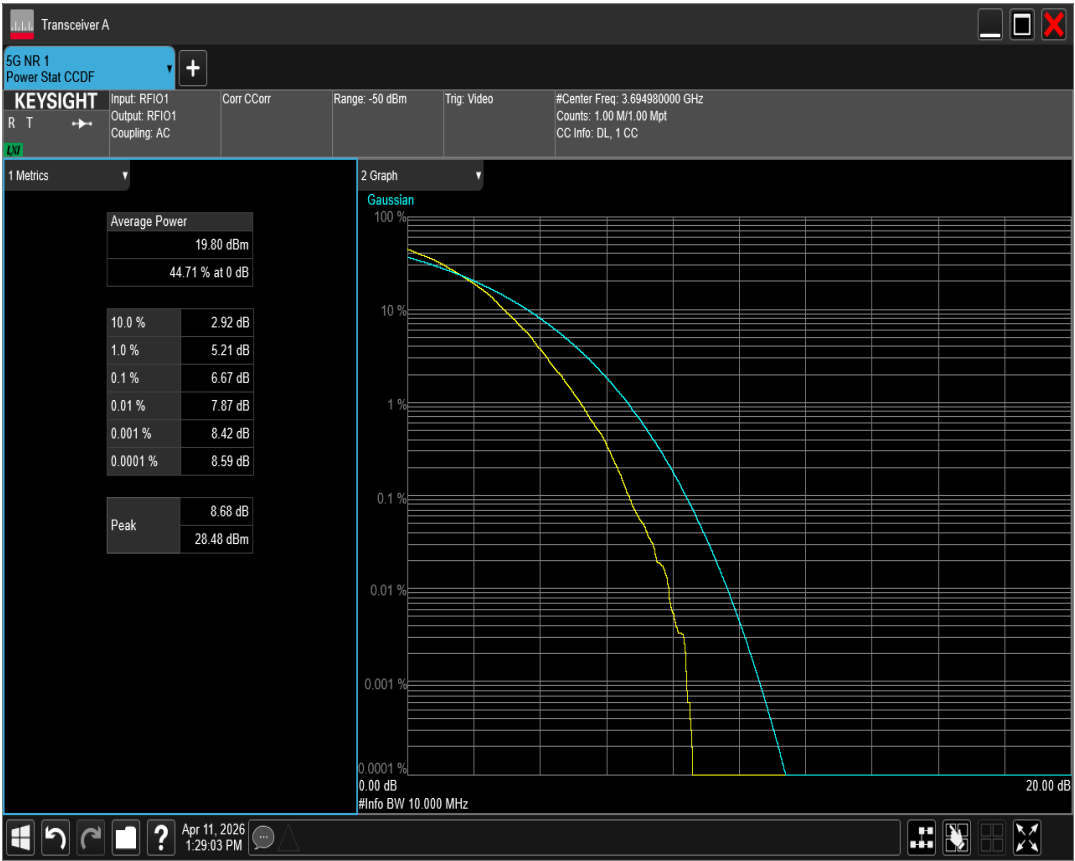




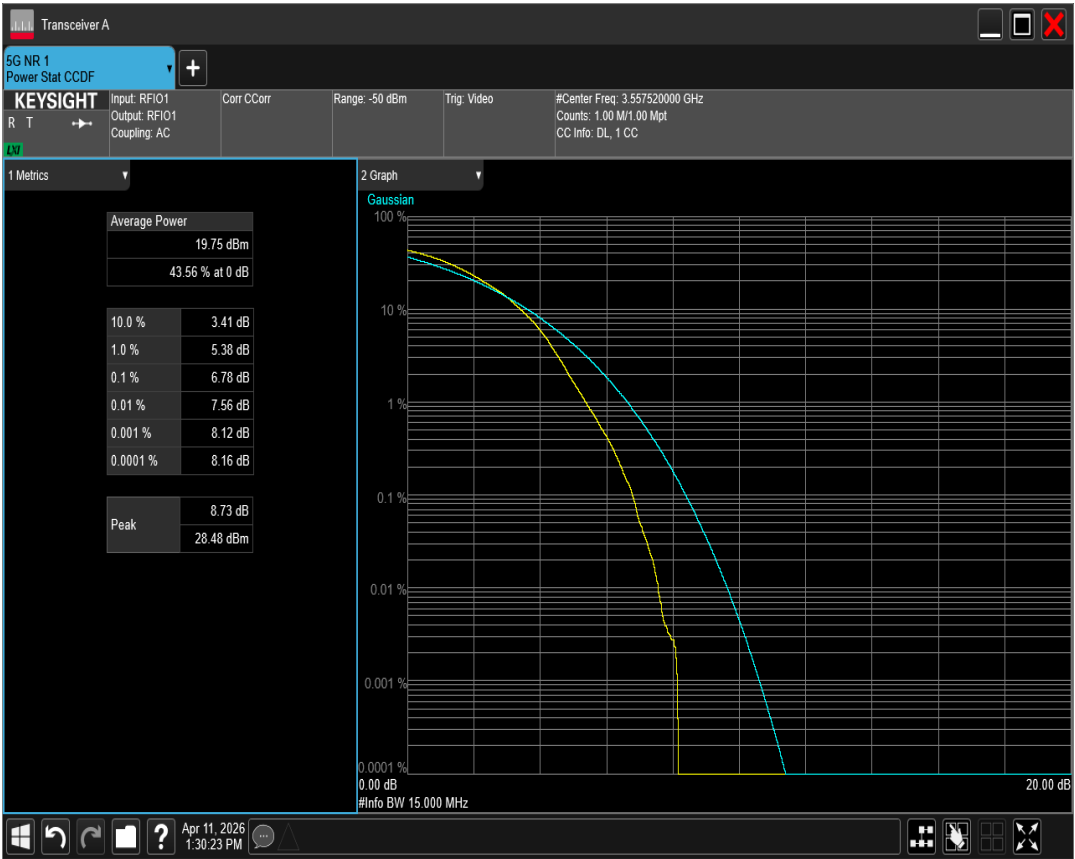
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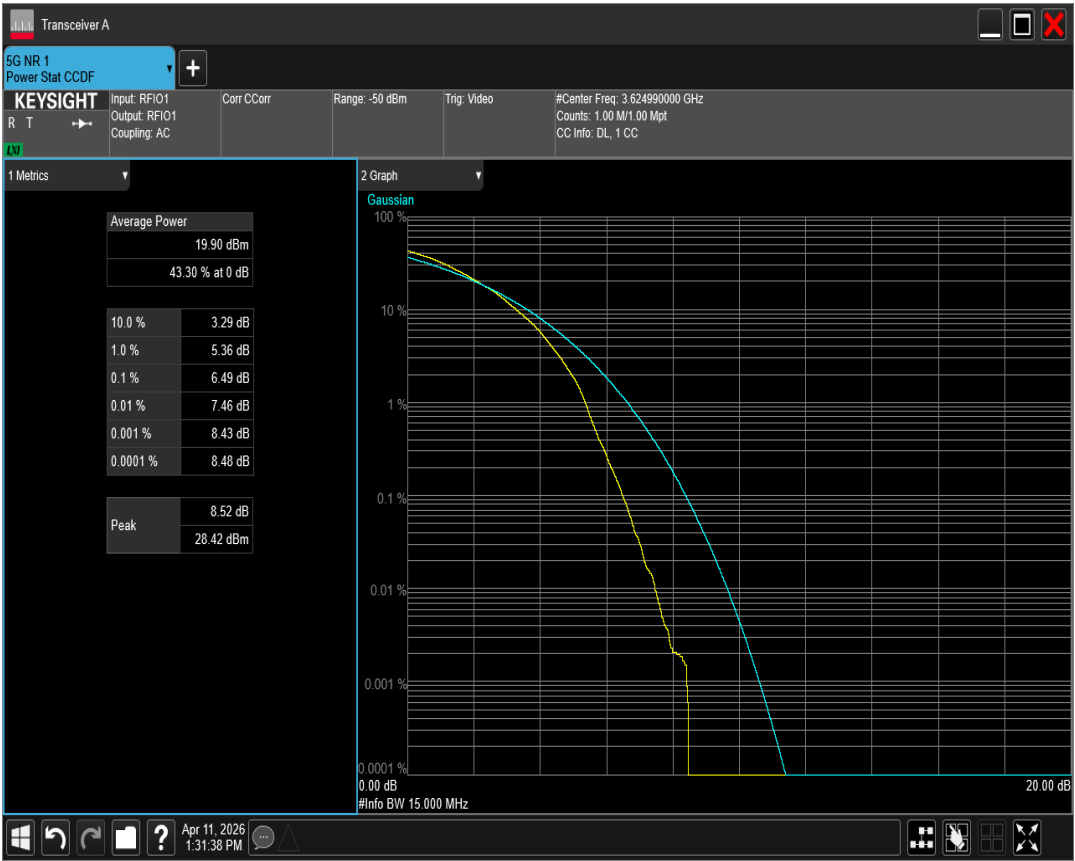
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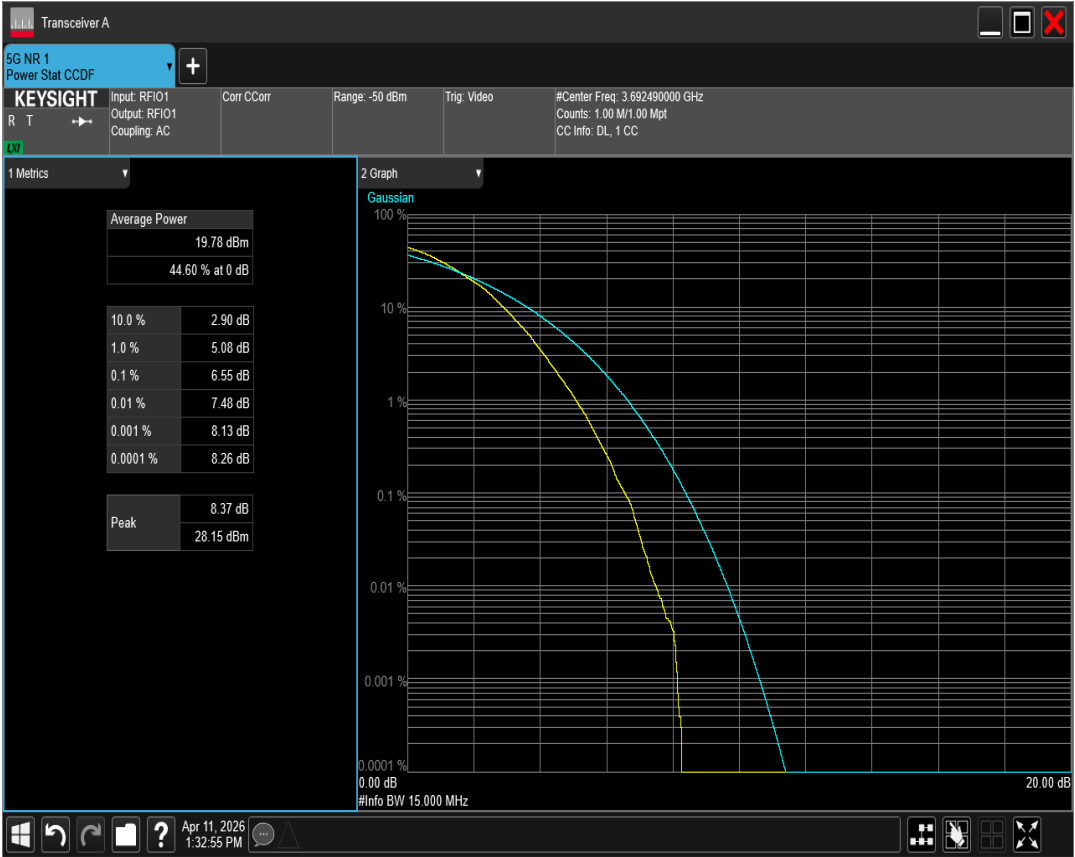
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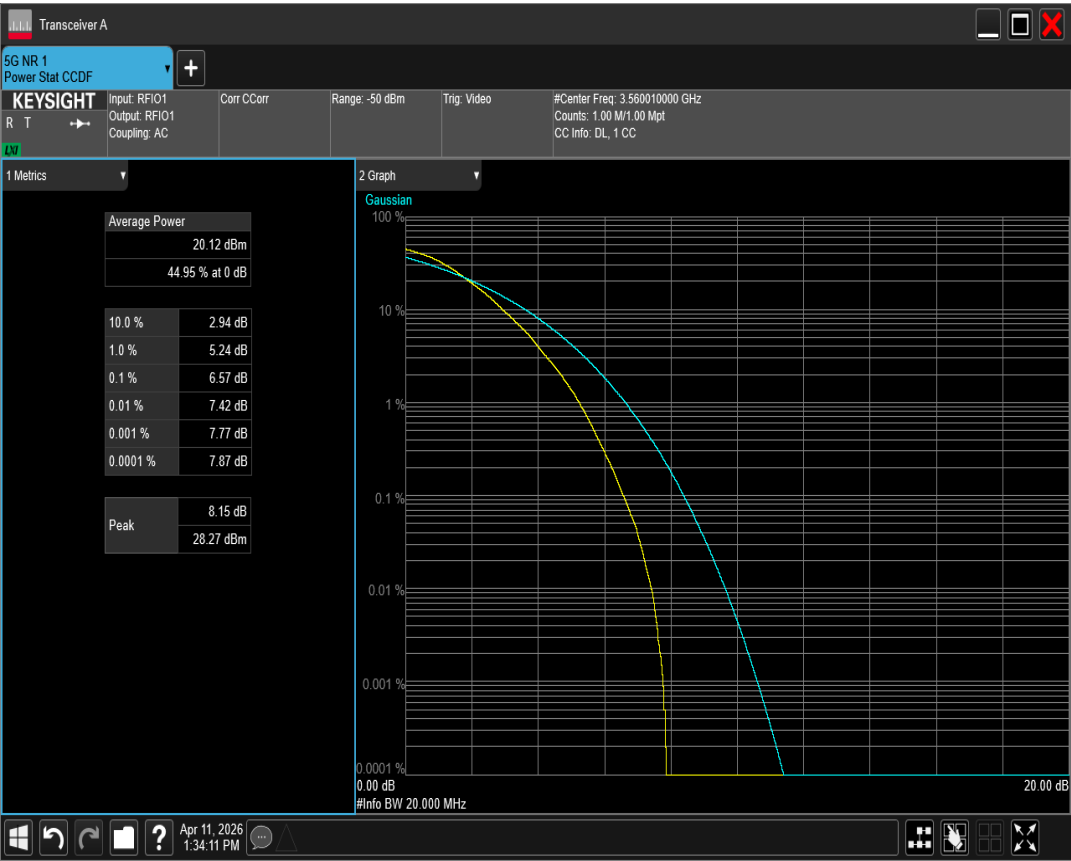
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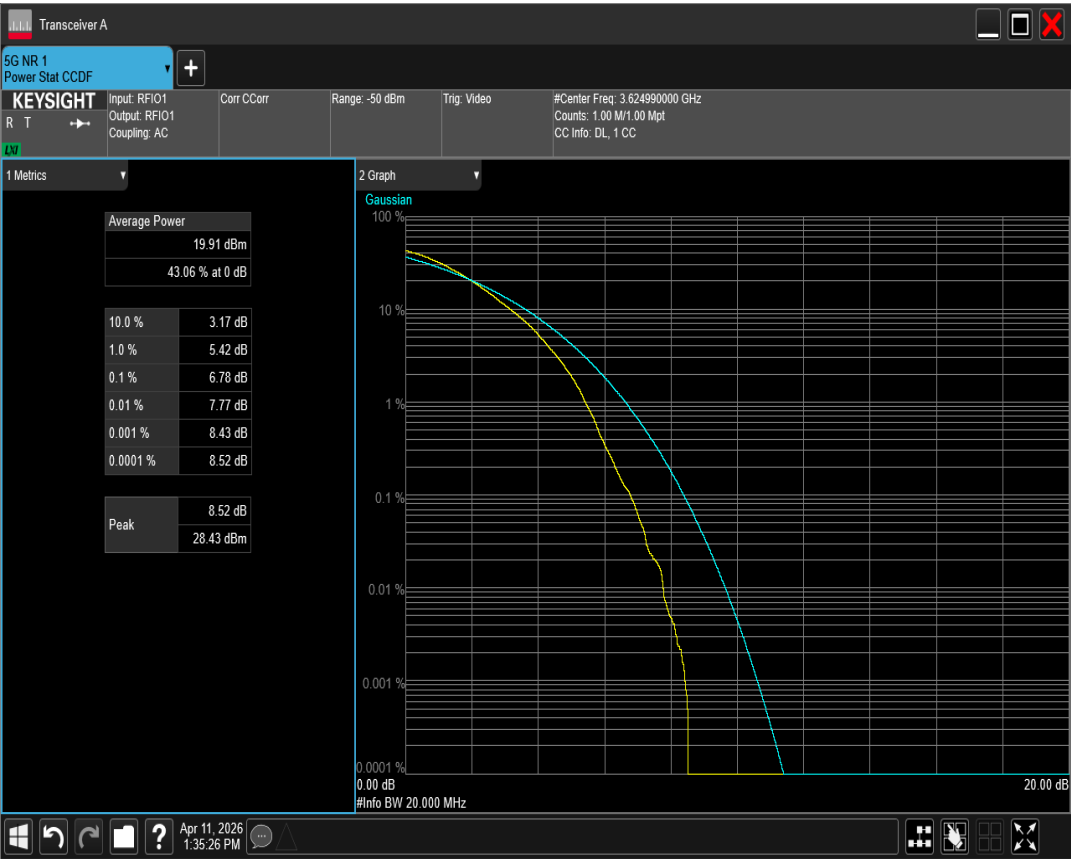
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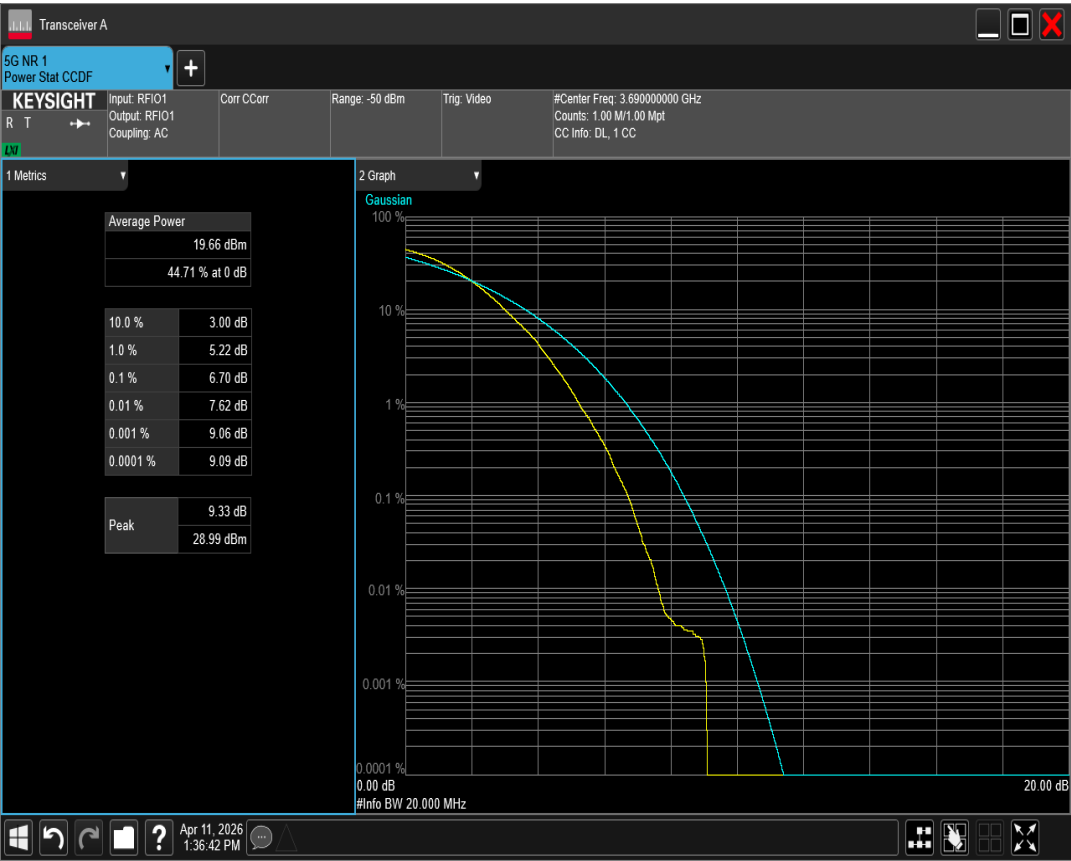
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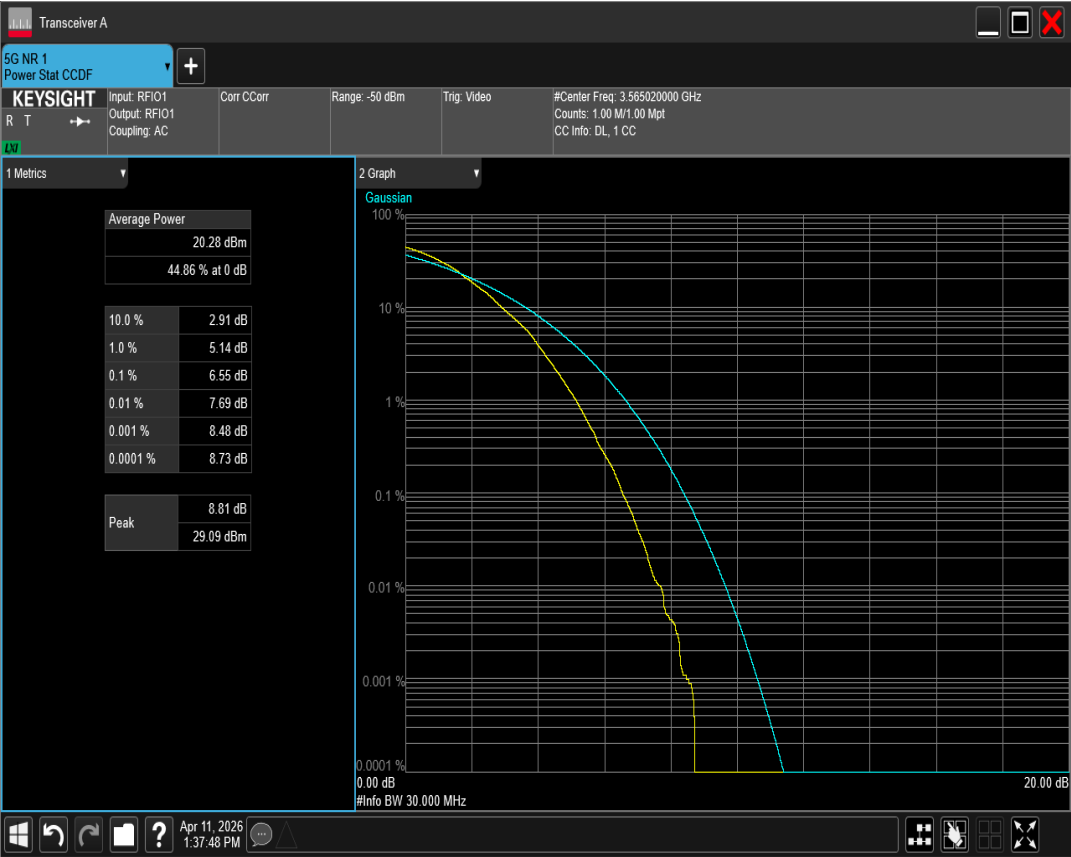
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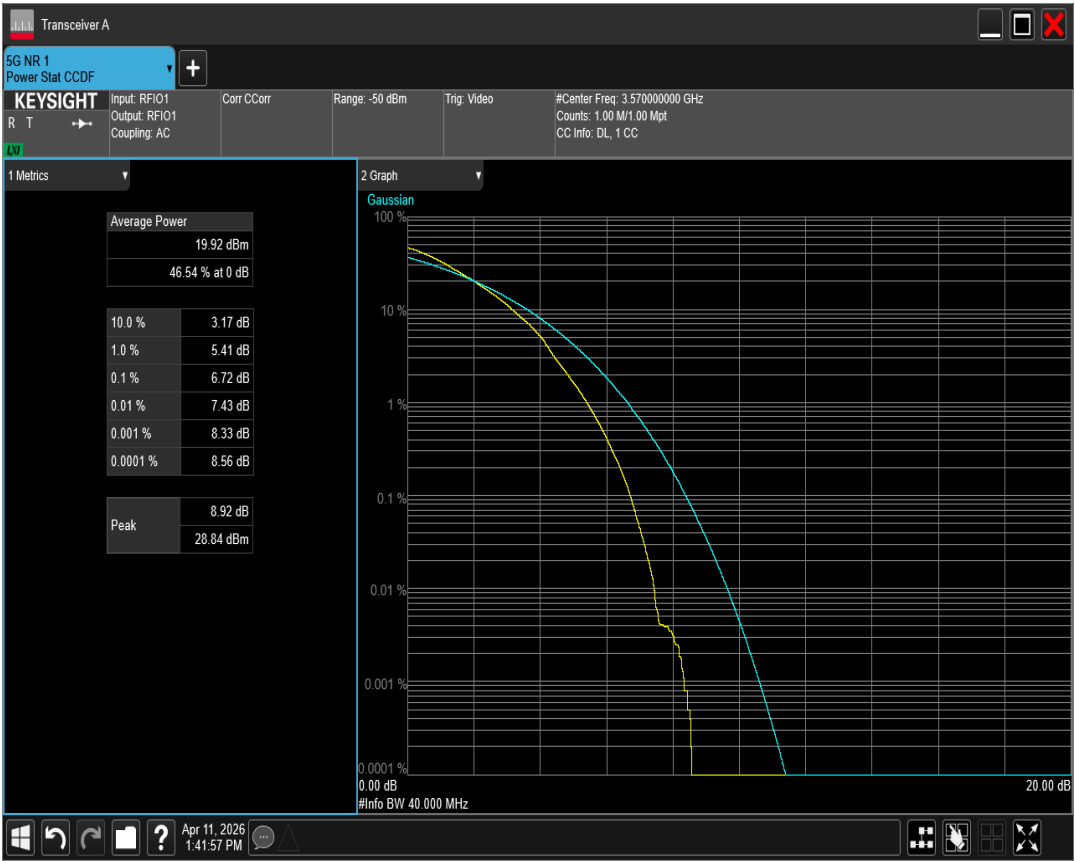
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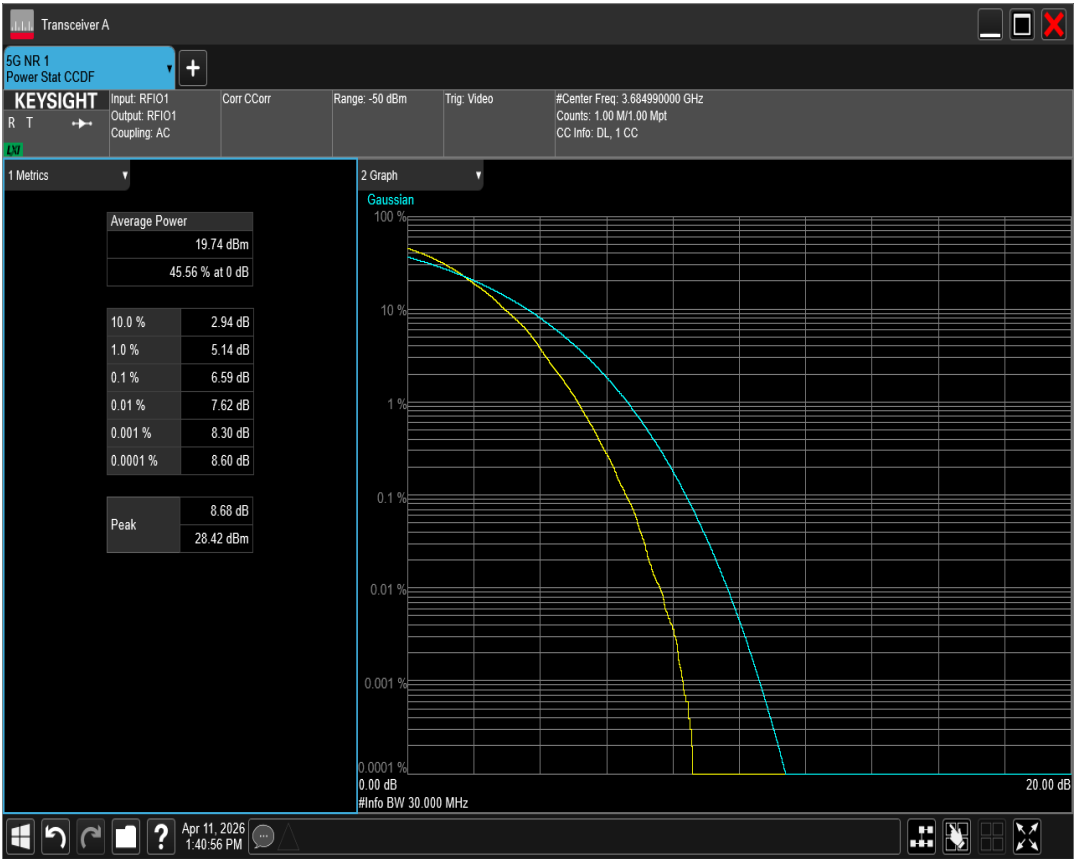
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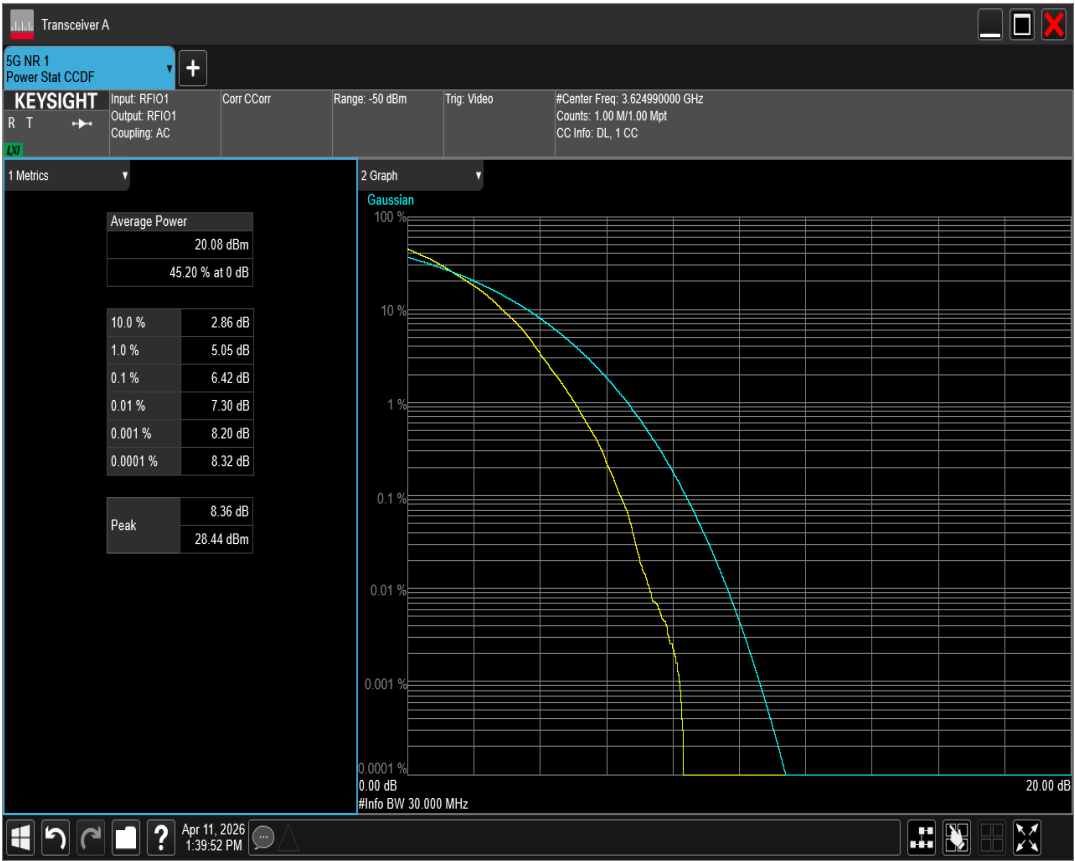
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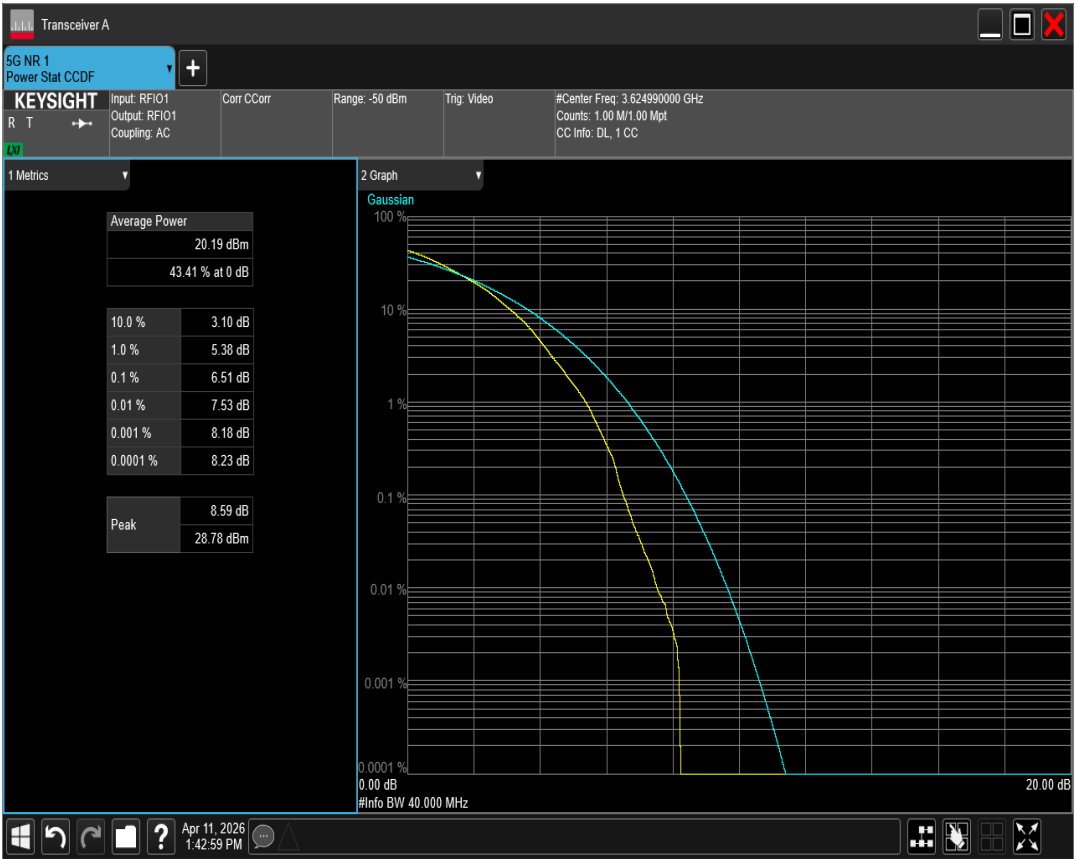
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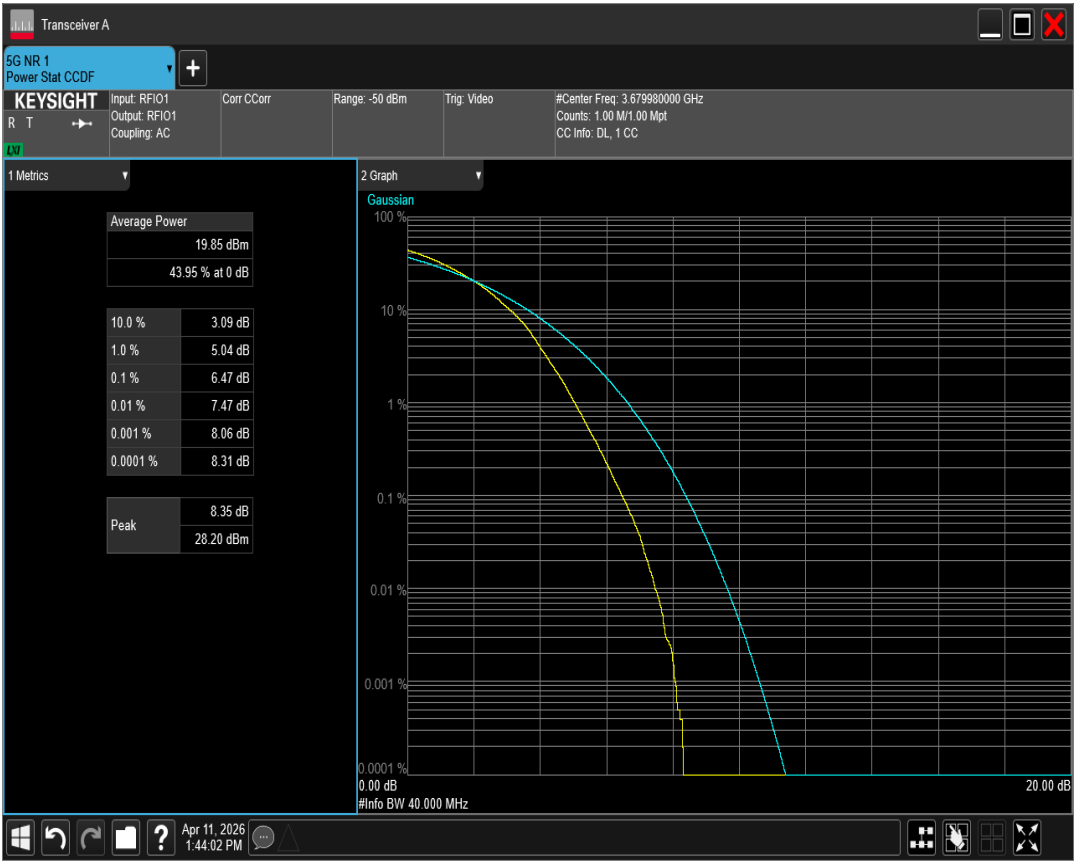
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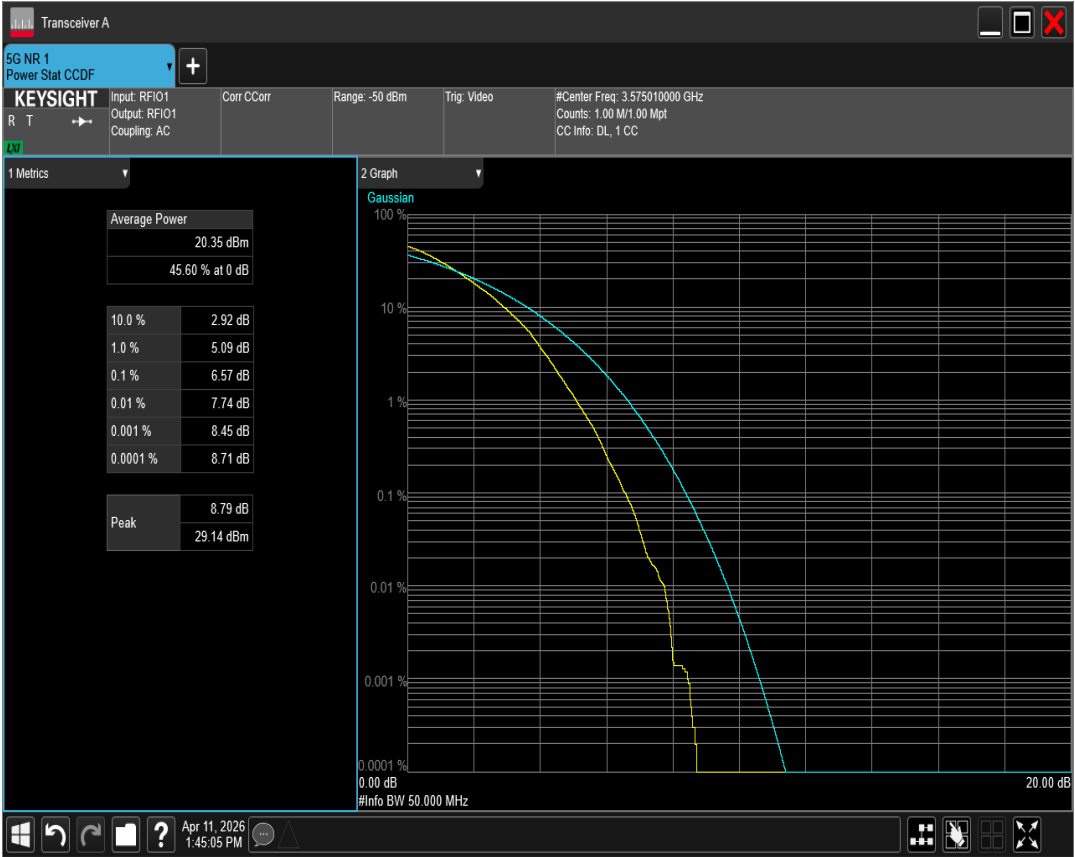
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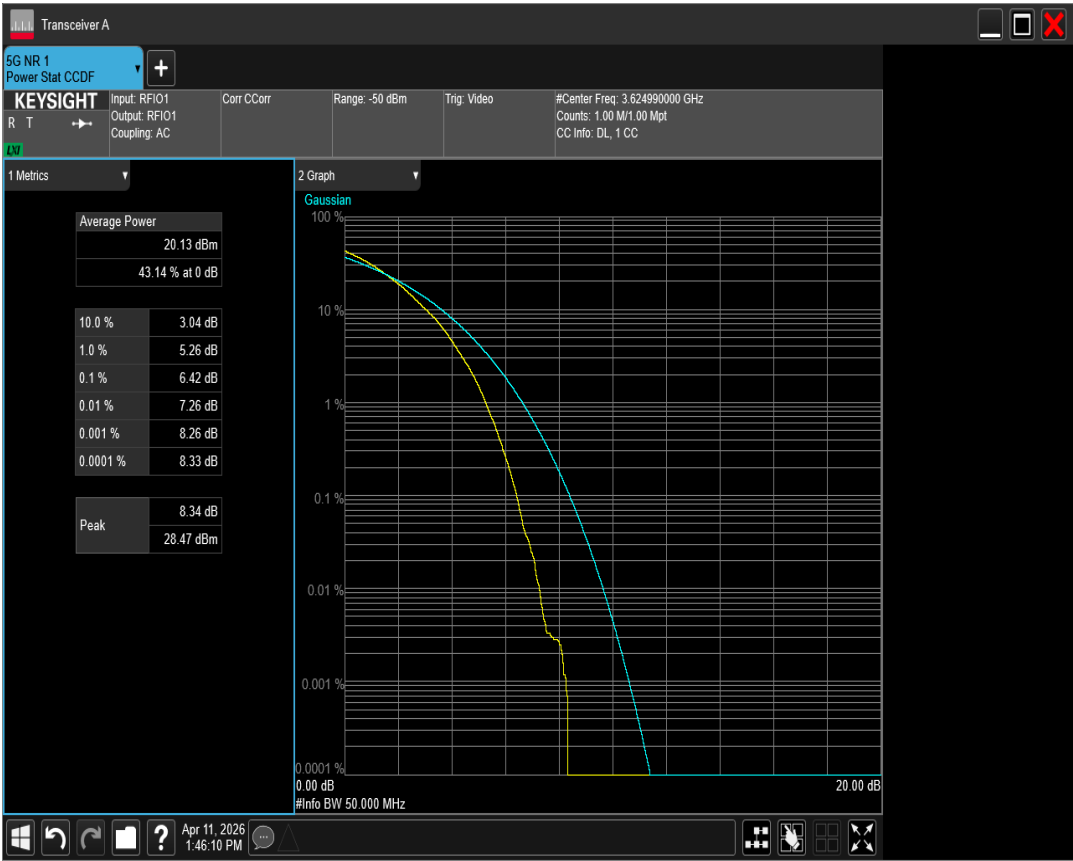
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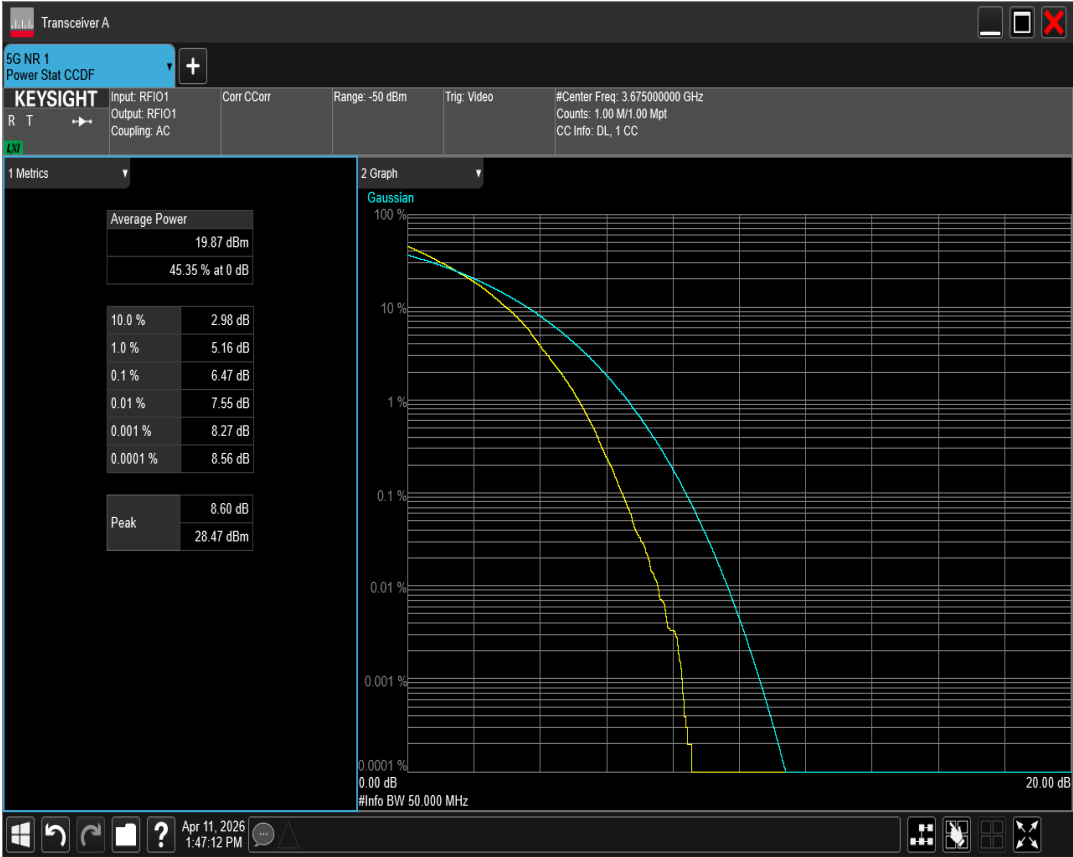
n48 SCS=30kHz DFT_QAM64 BW=50MHz Channel=638334 RB=128@0



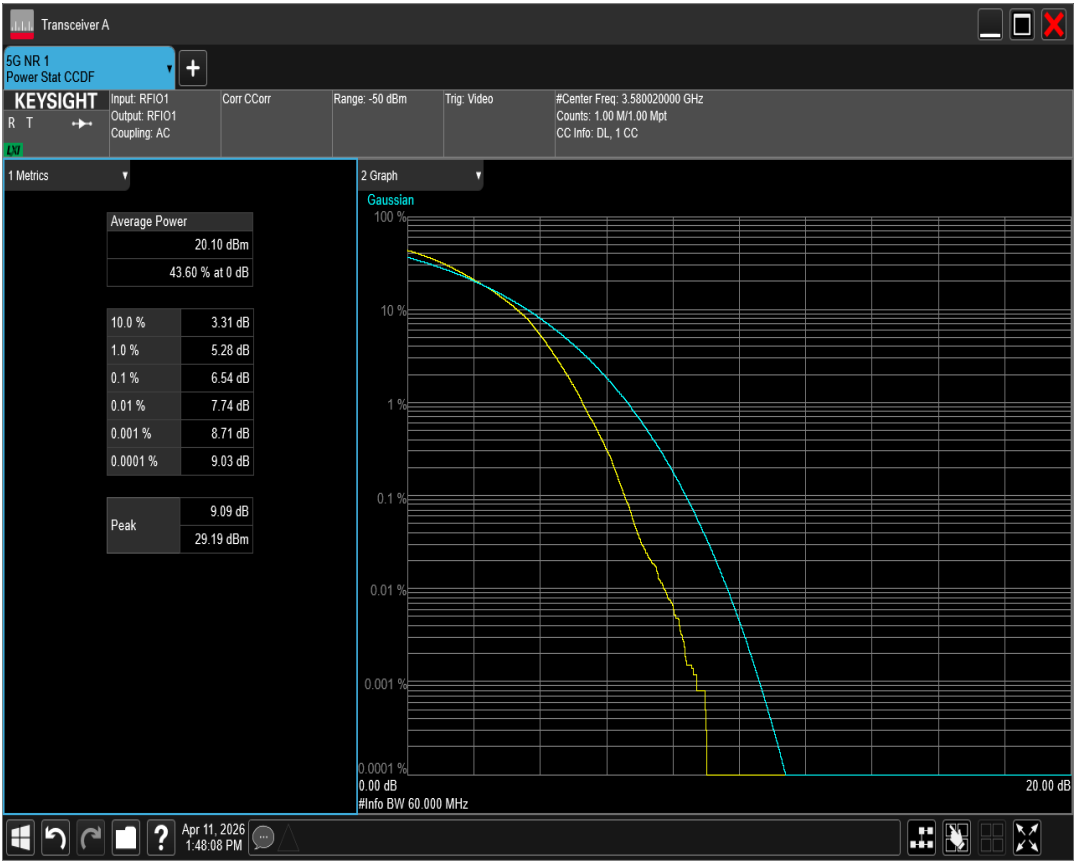
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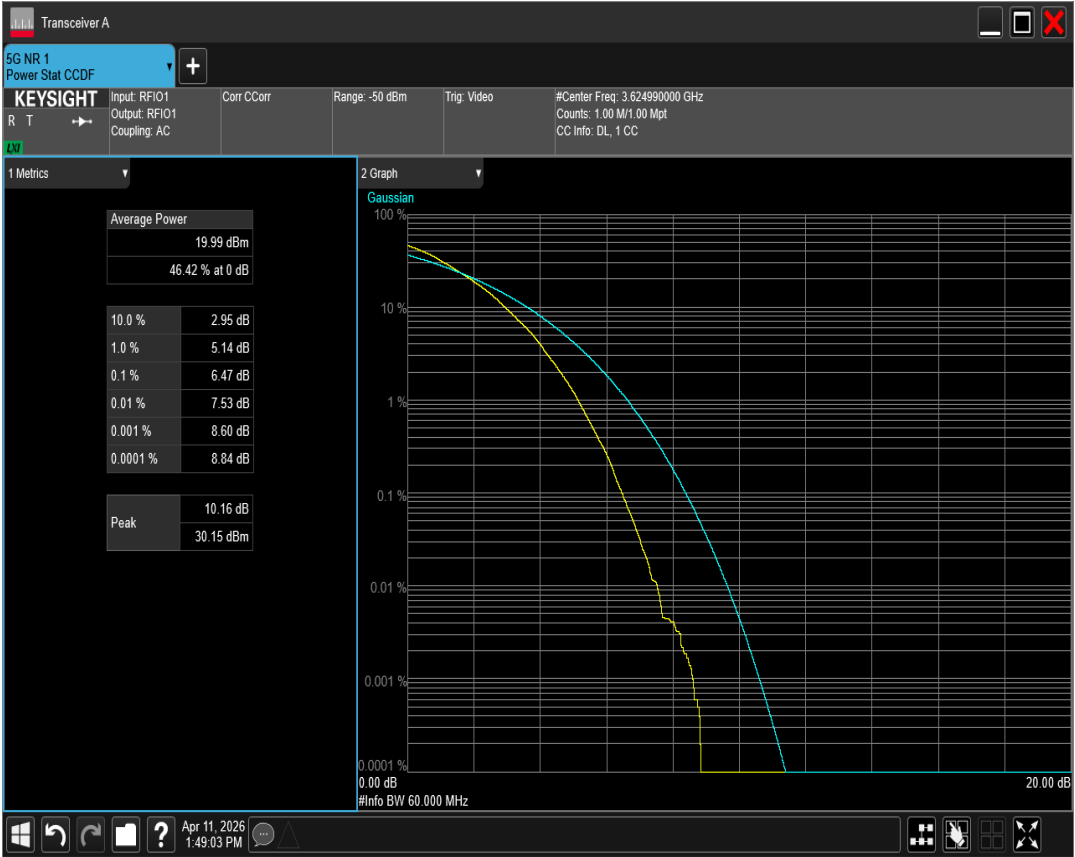
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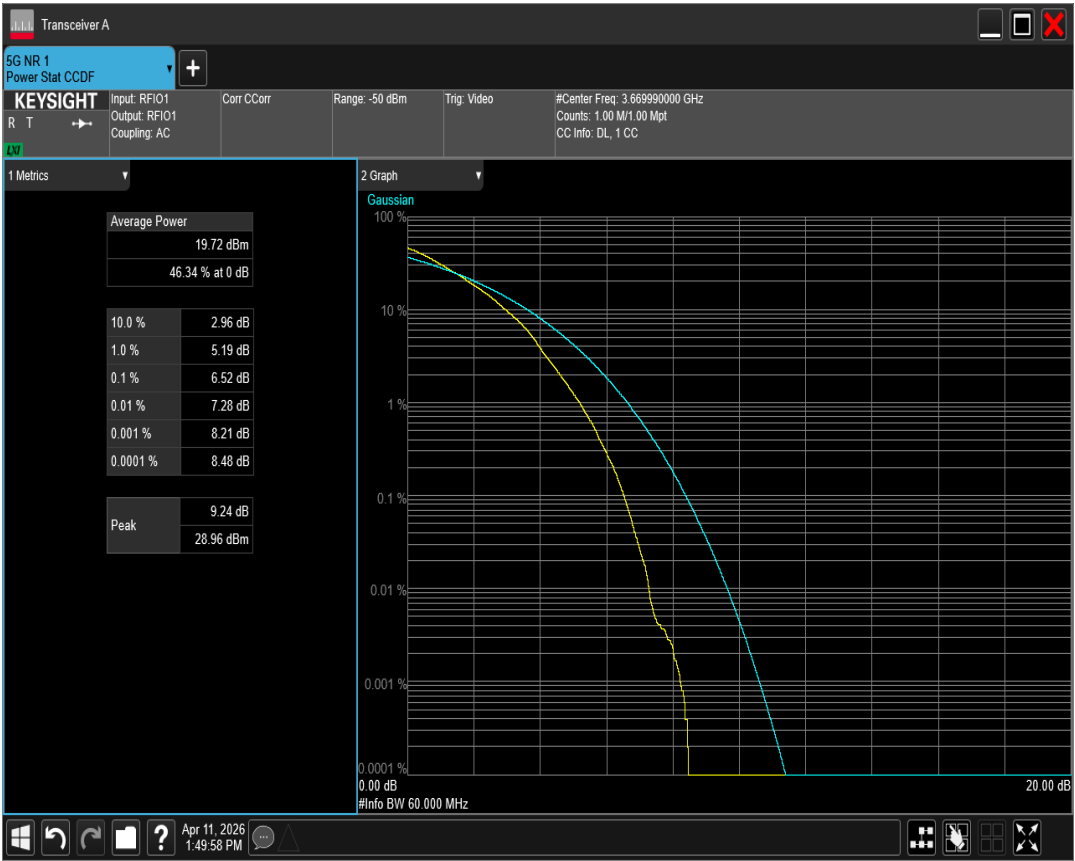
n48 SCS=30kHz DFT_QAM64 BW=60MHz Channel=638668 RB=162@0



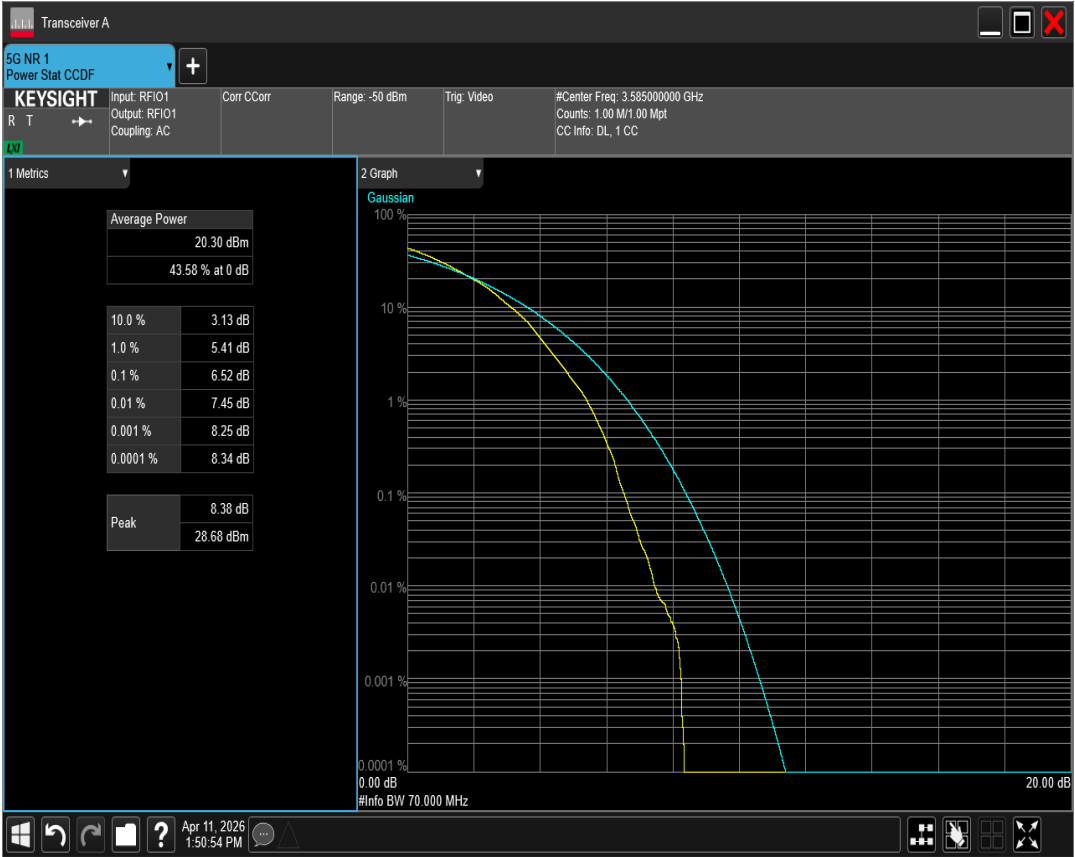
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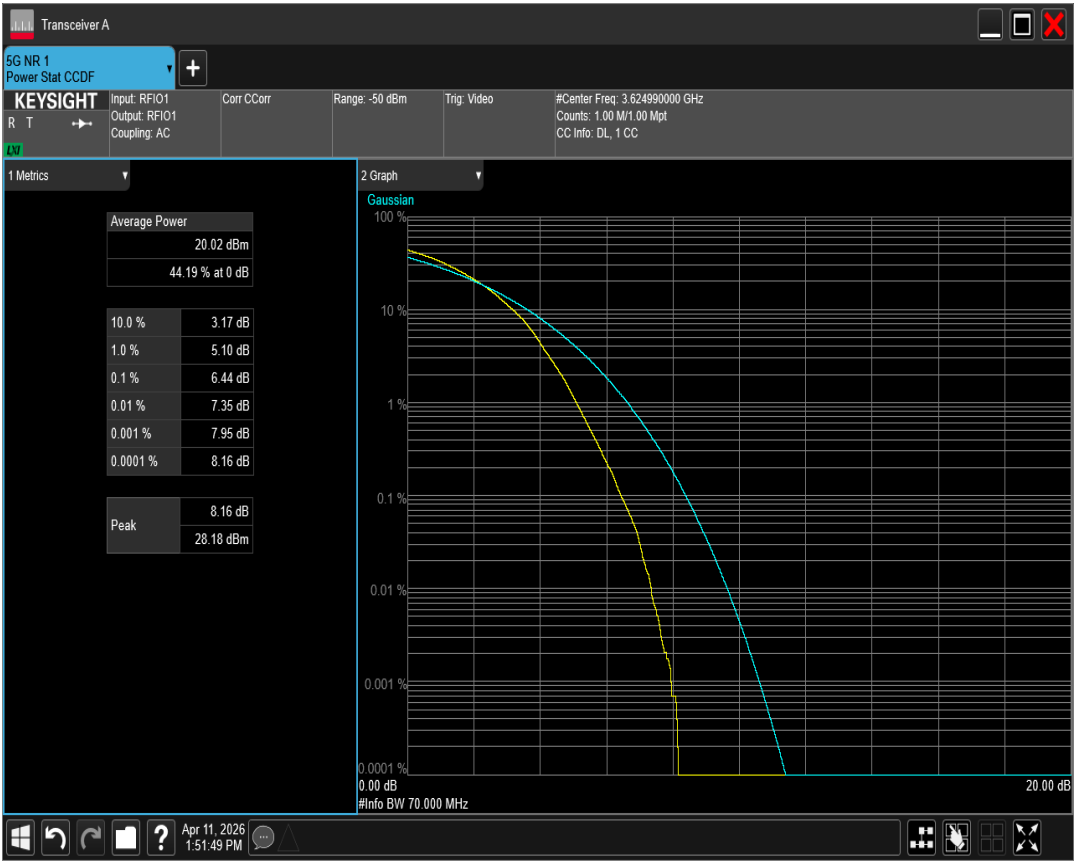
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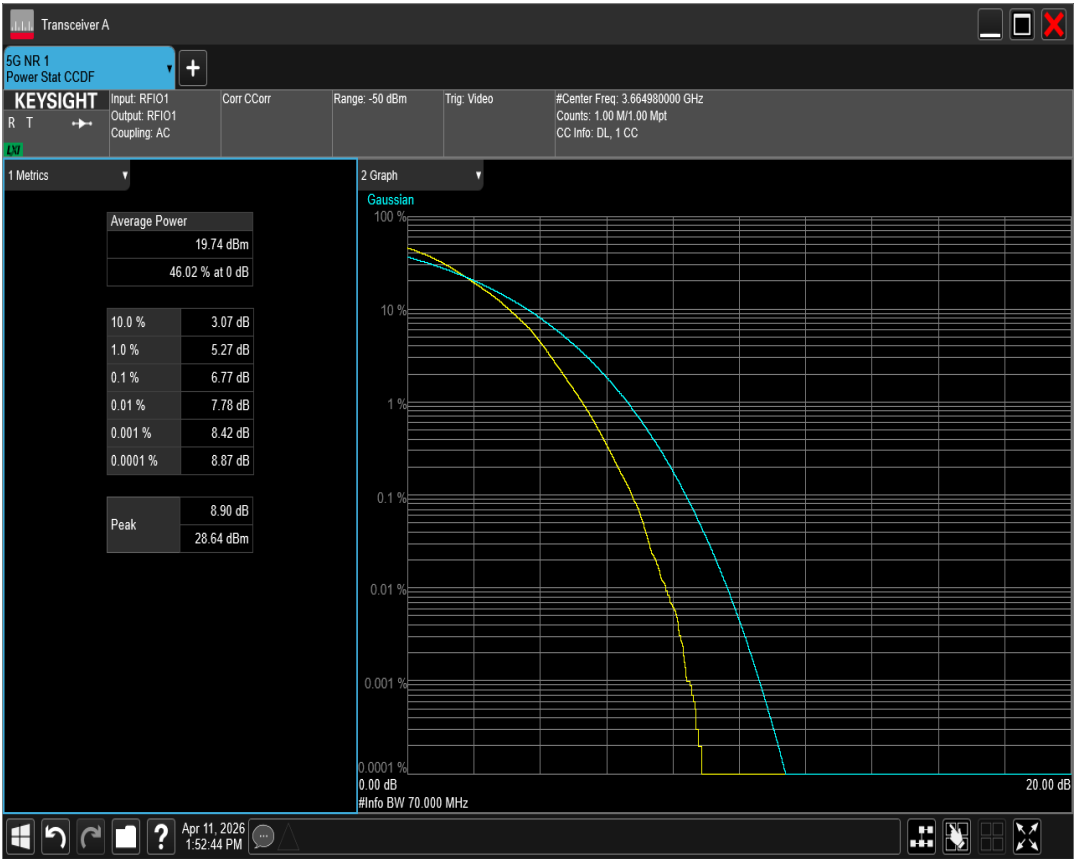
n48 SCS=30kHz DFT_QAM64 BW=70MHz Channel=639000 RB=180@0



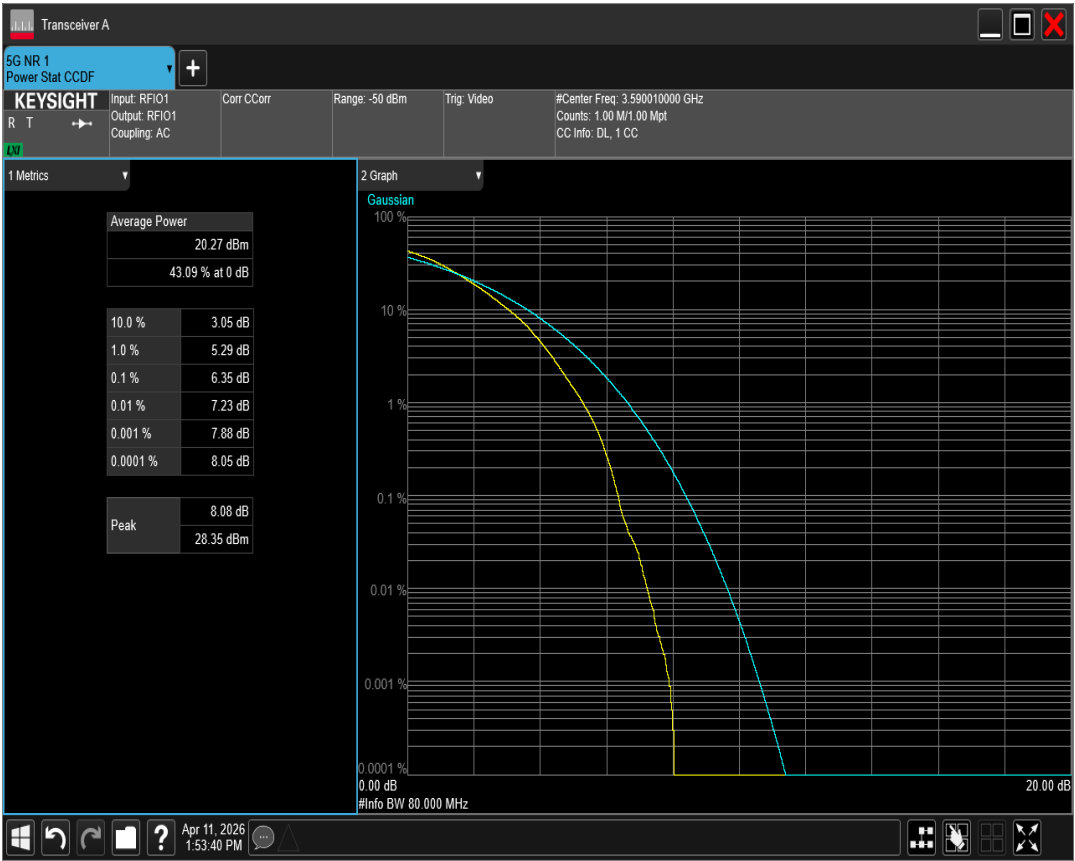
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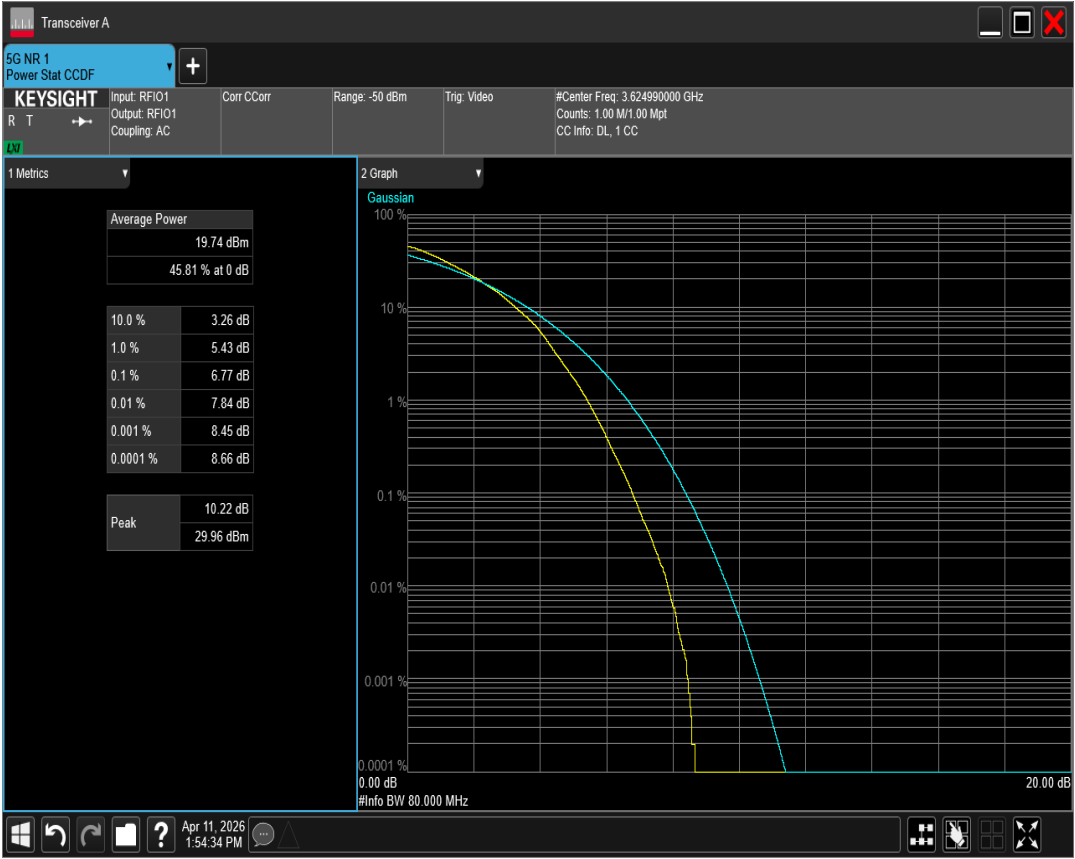
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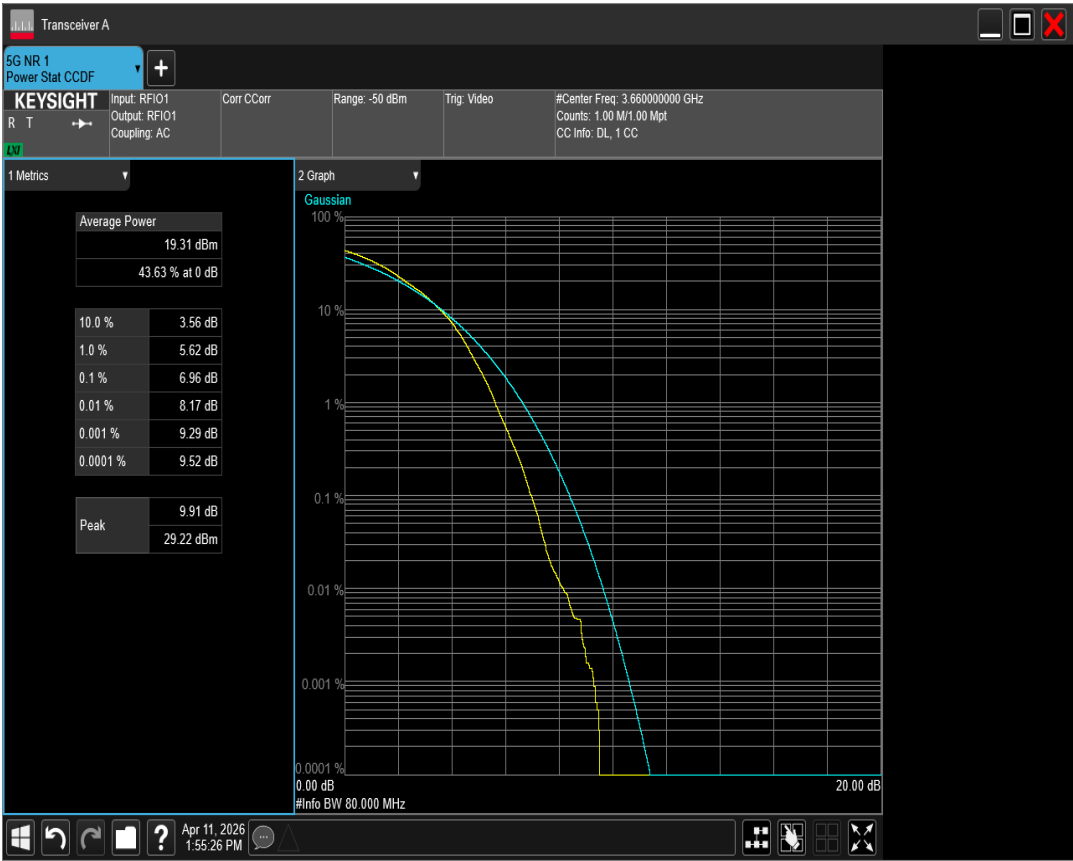
n48 SCS=30kHz DFT_QAM64 BW=80MHz Channel=639334 RB=216@0



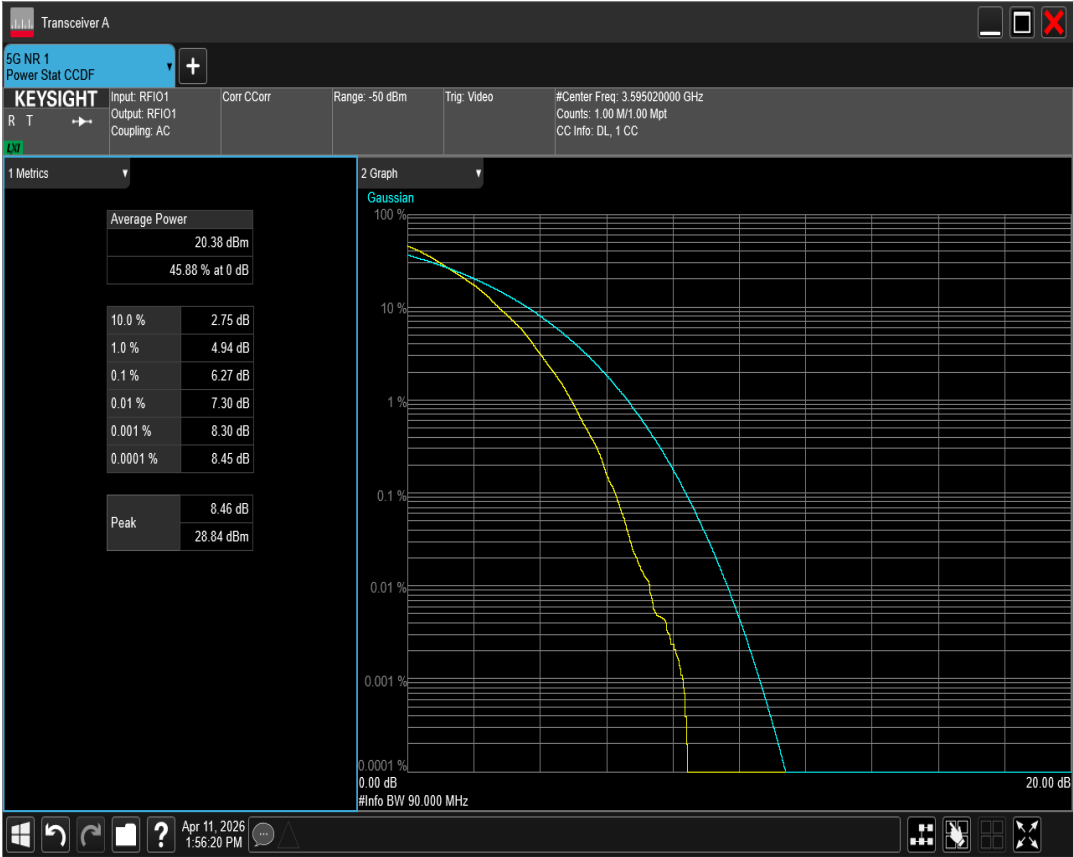
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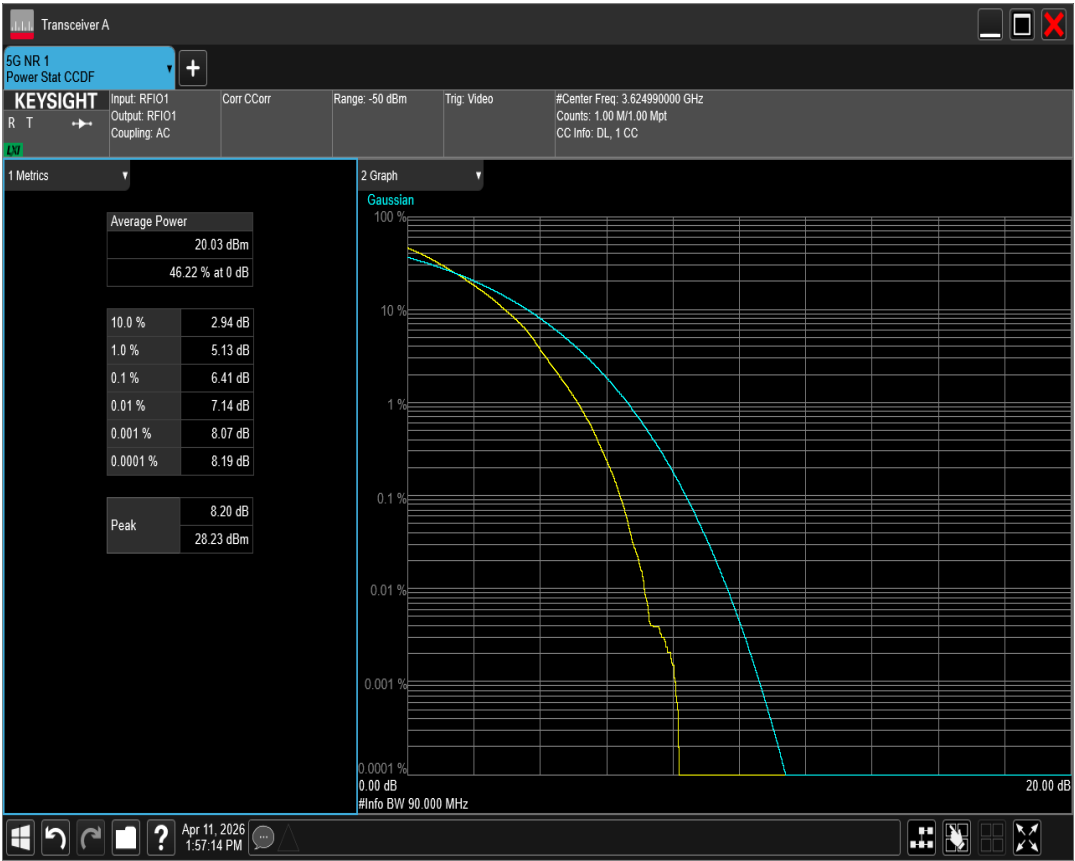
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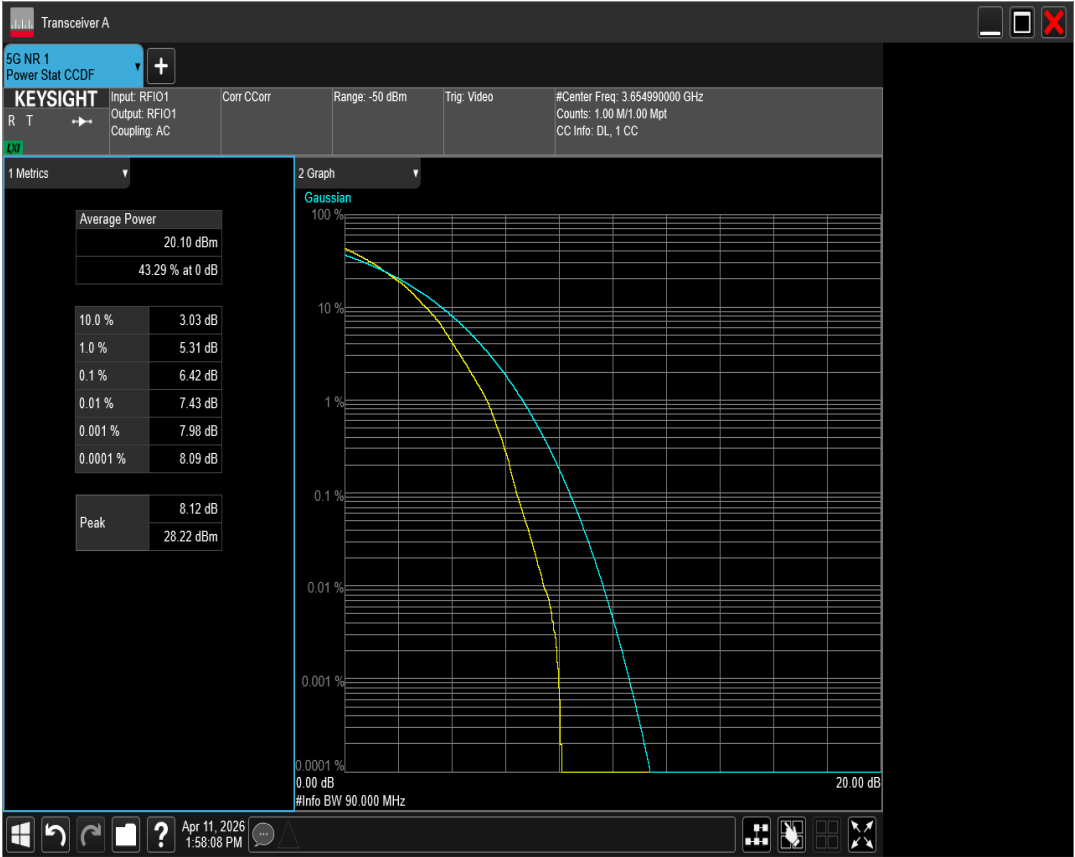
n48 SCS=30kHz DFT_QAM64 BW=90MHz Channel=639668 RB=240@0



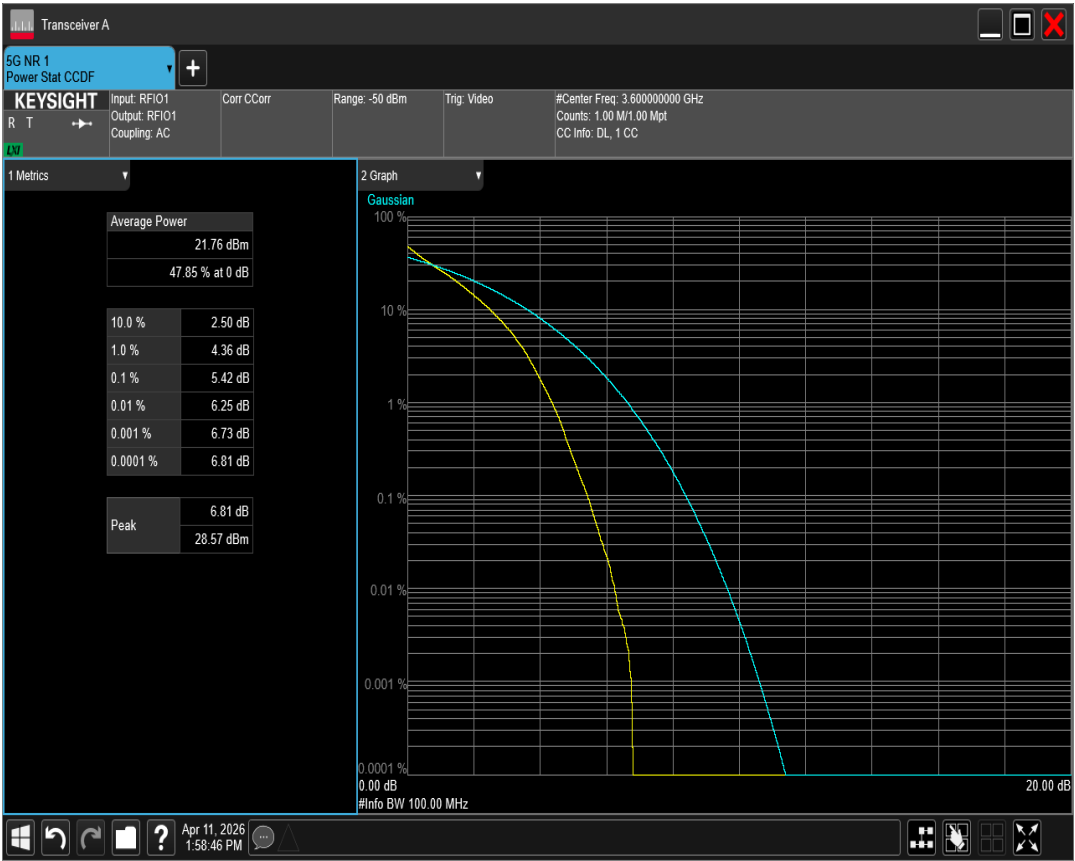
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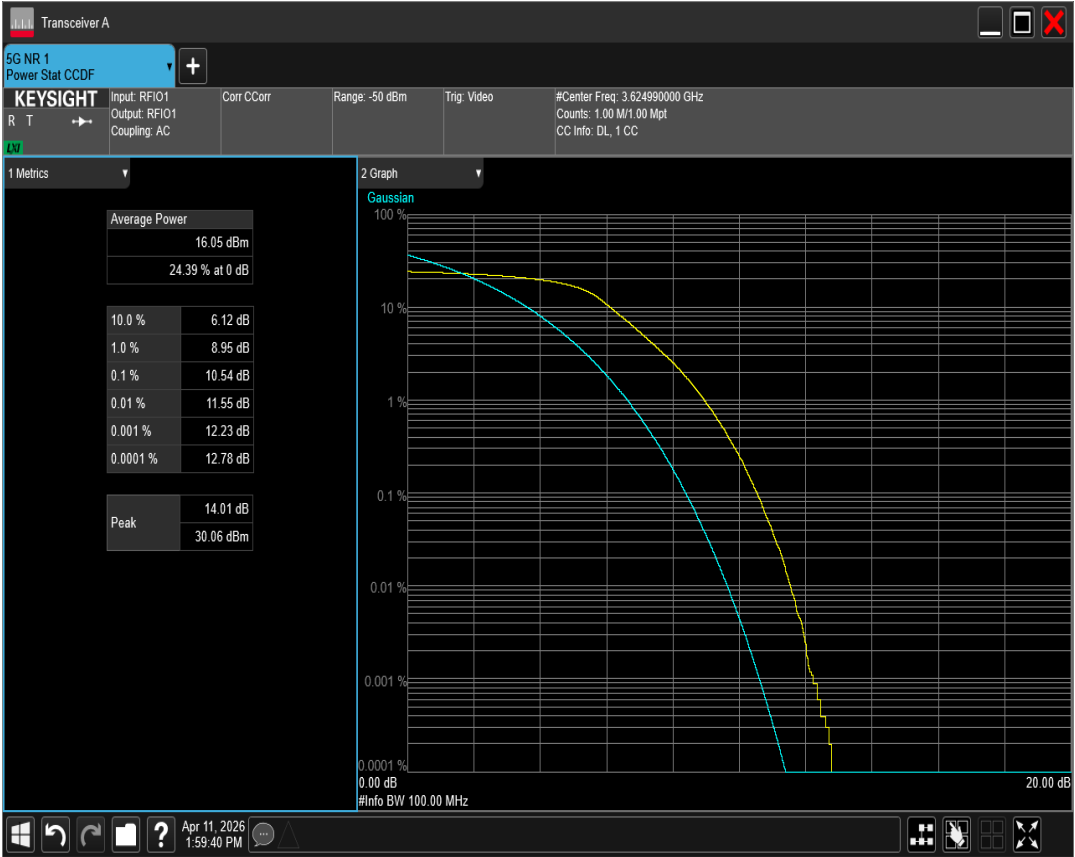
n48 SCS=30kHz DFT_QAM64 BW=90MHz Channel=643666 RB=240@0



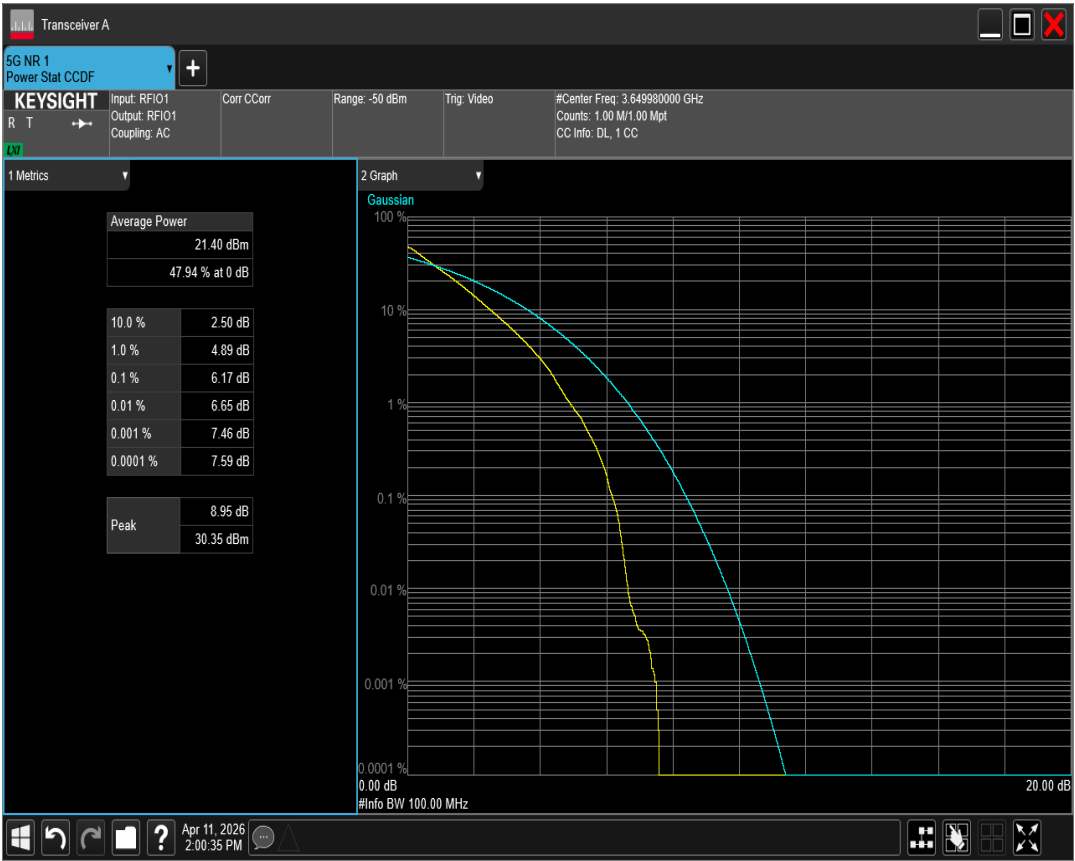
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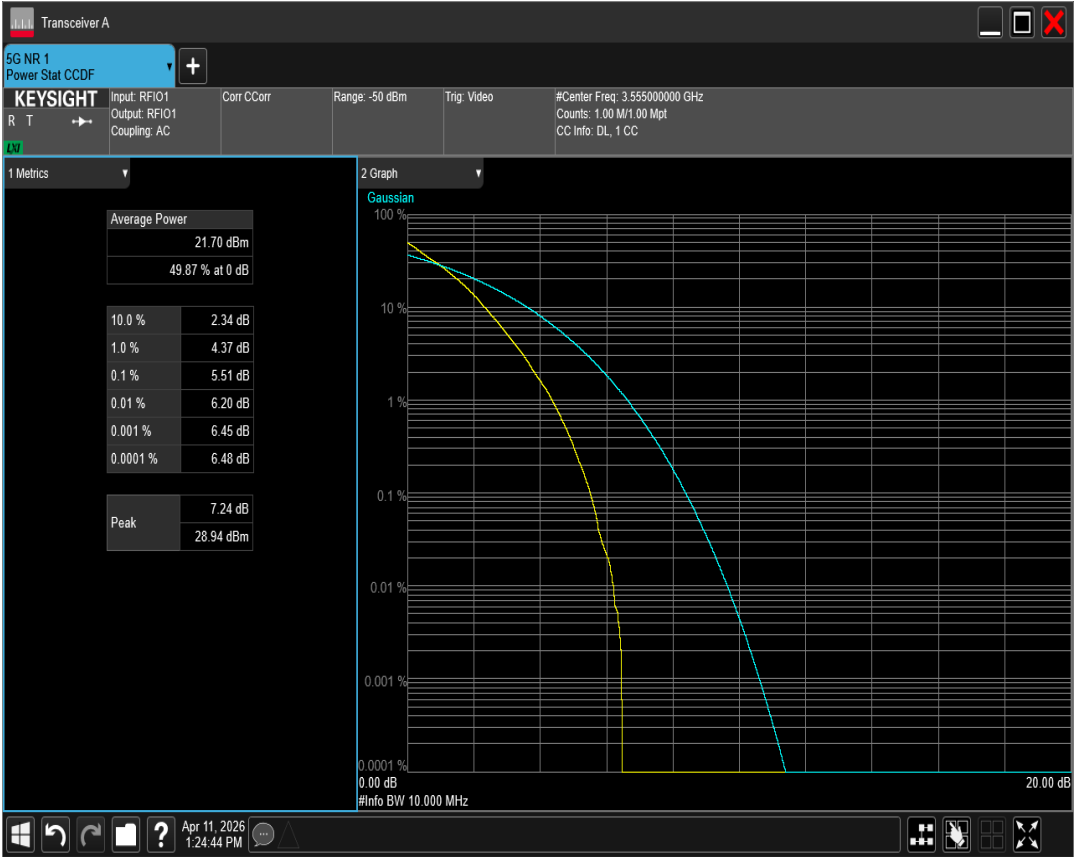
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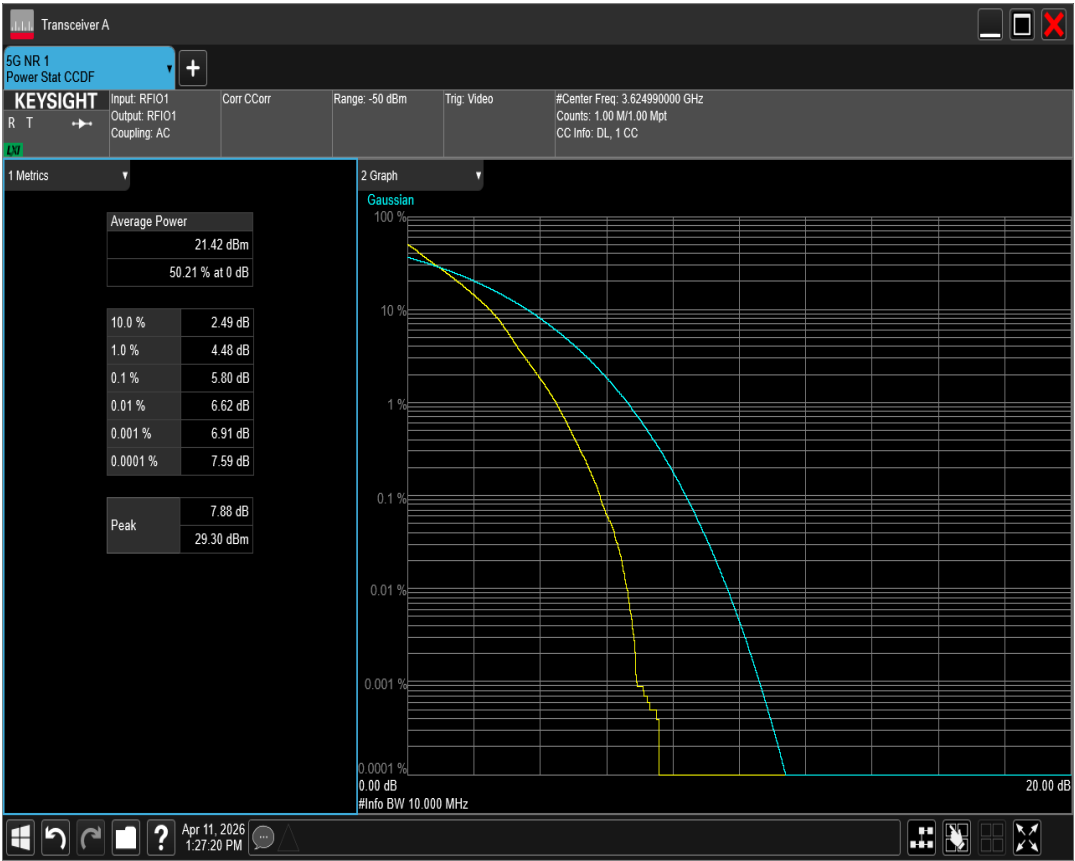
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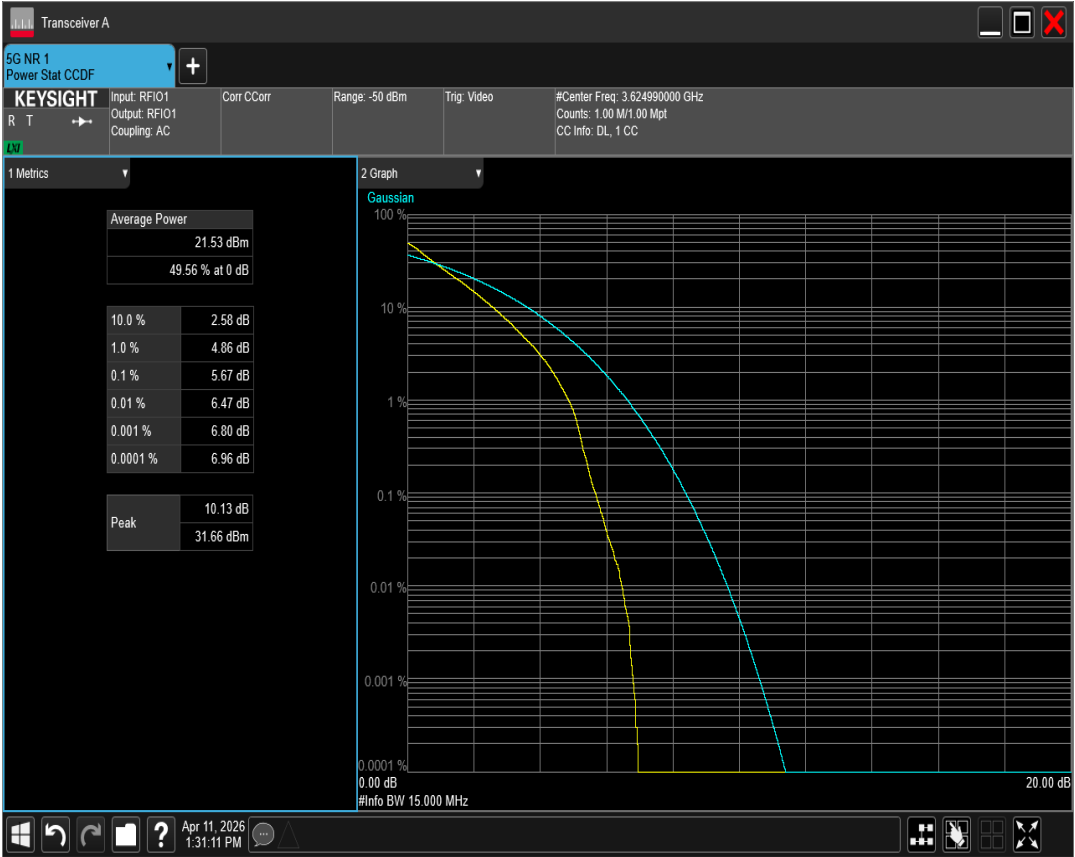
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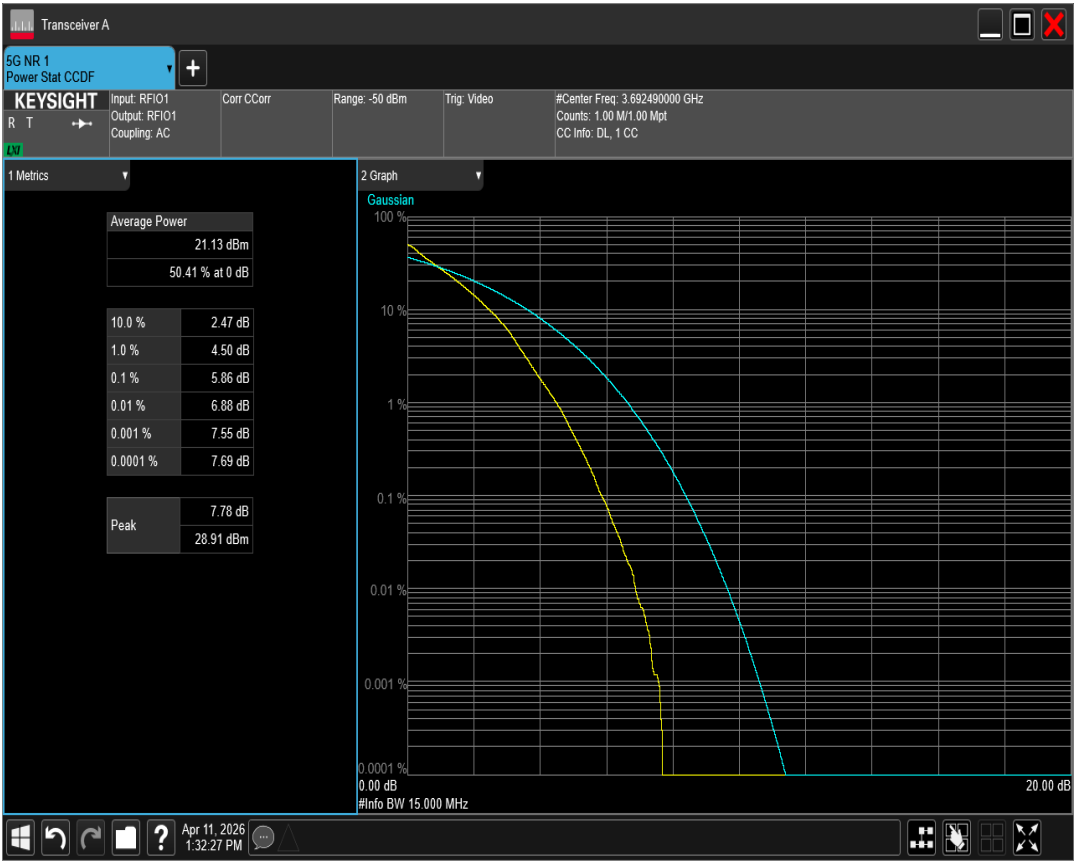
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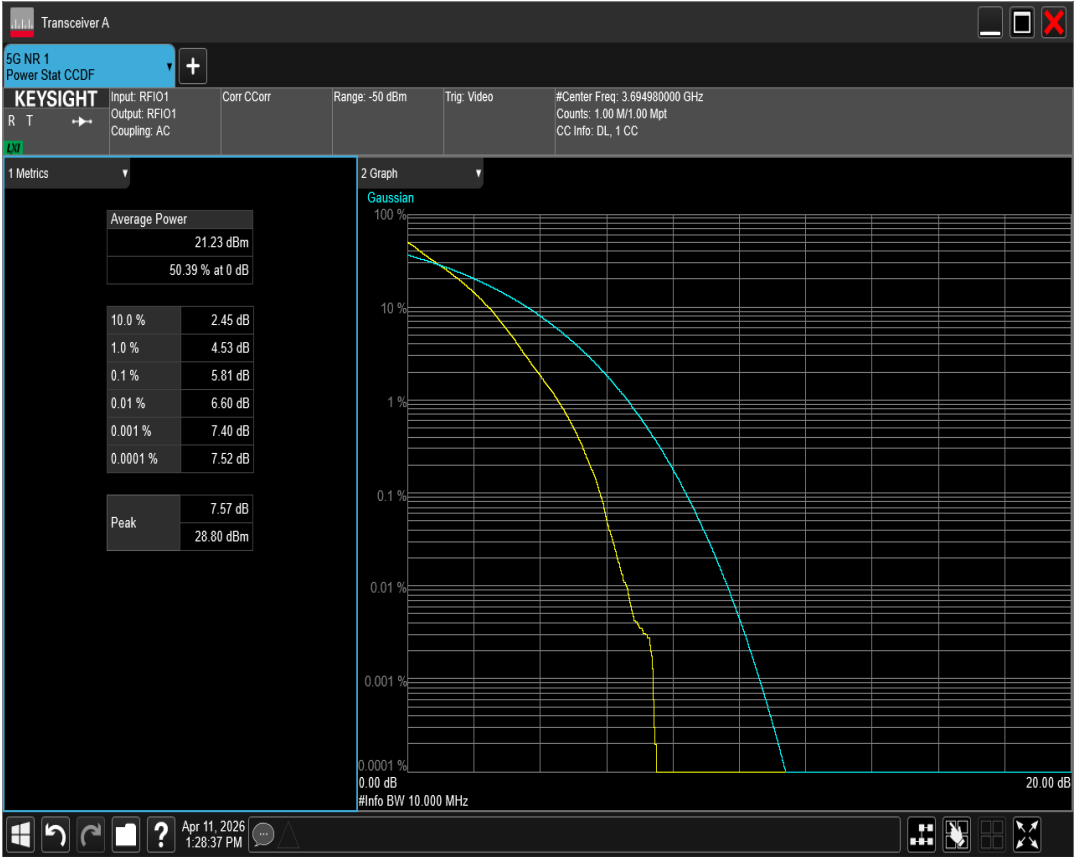
n48 SCS=30kHz DFT_QPSK BW=15MHz Channel=641666 RB=36@0



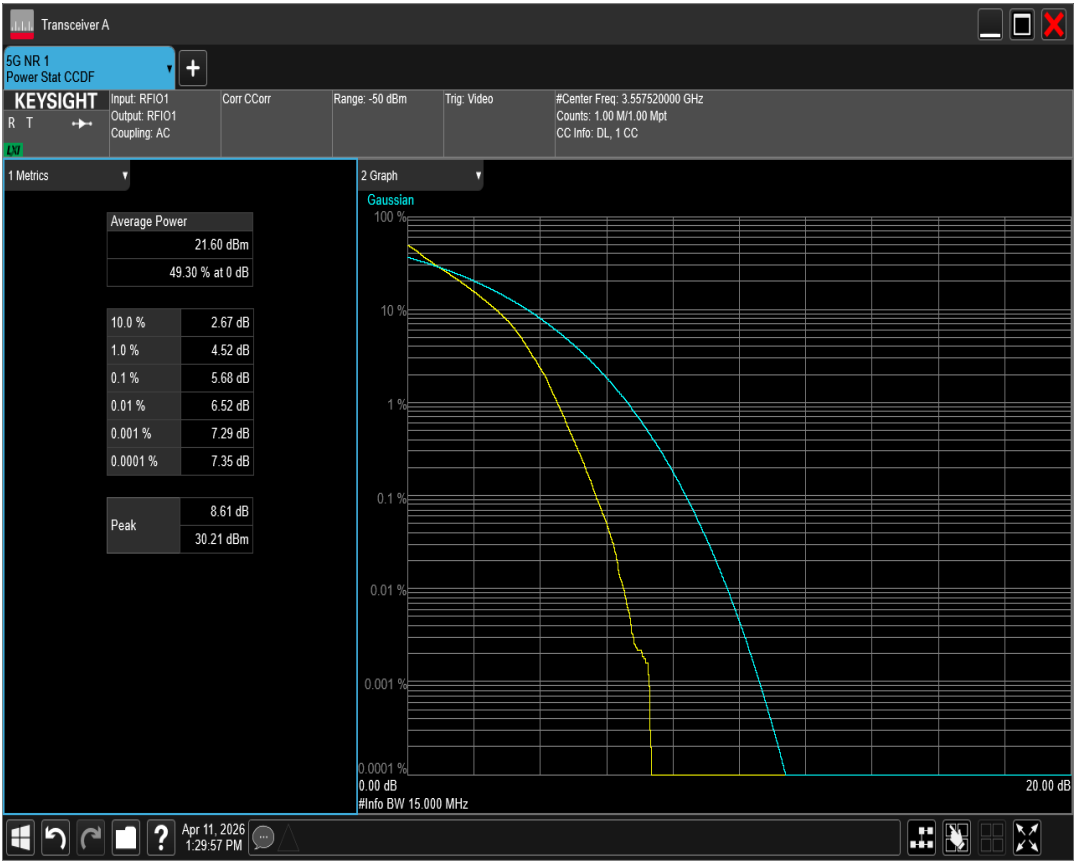
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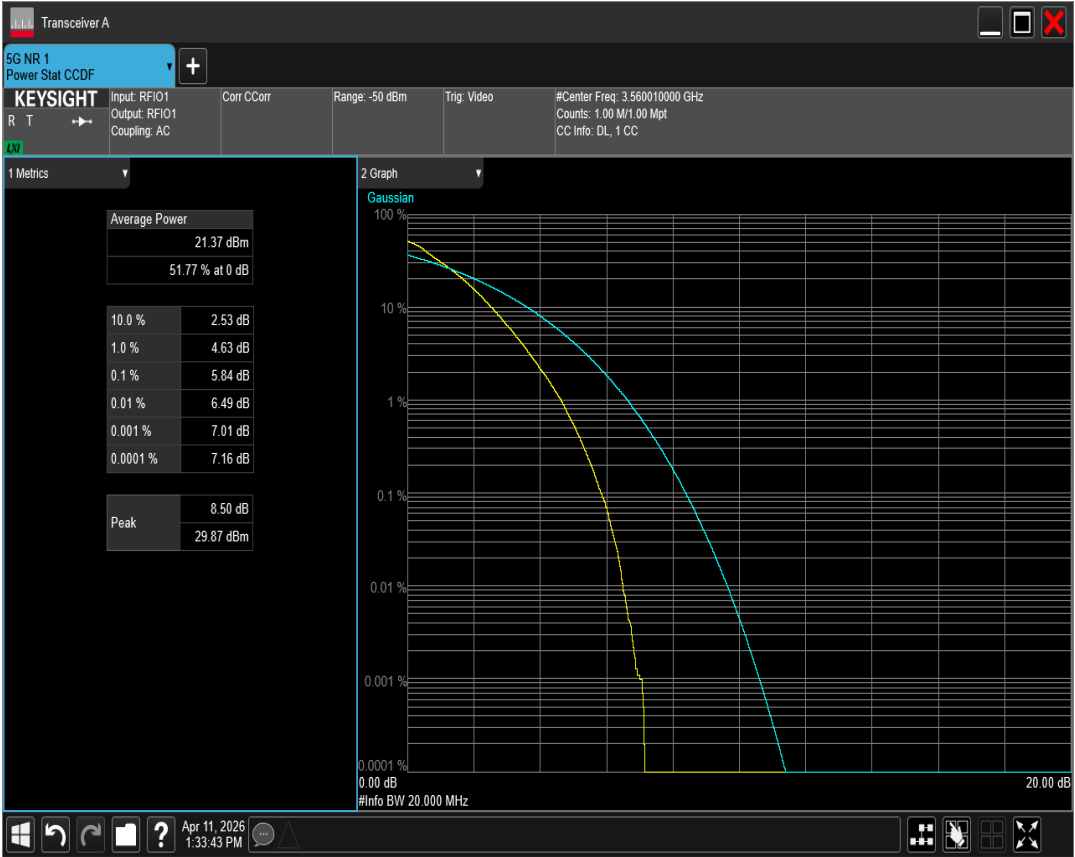
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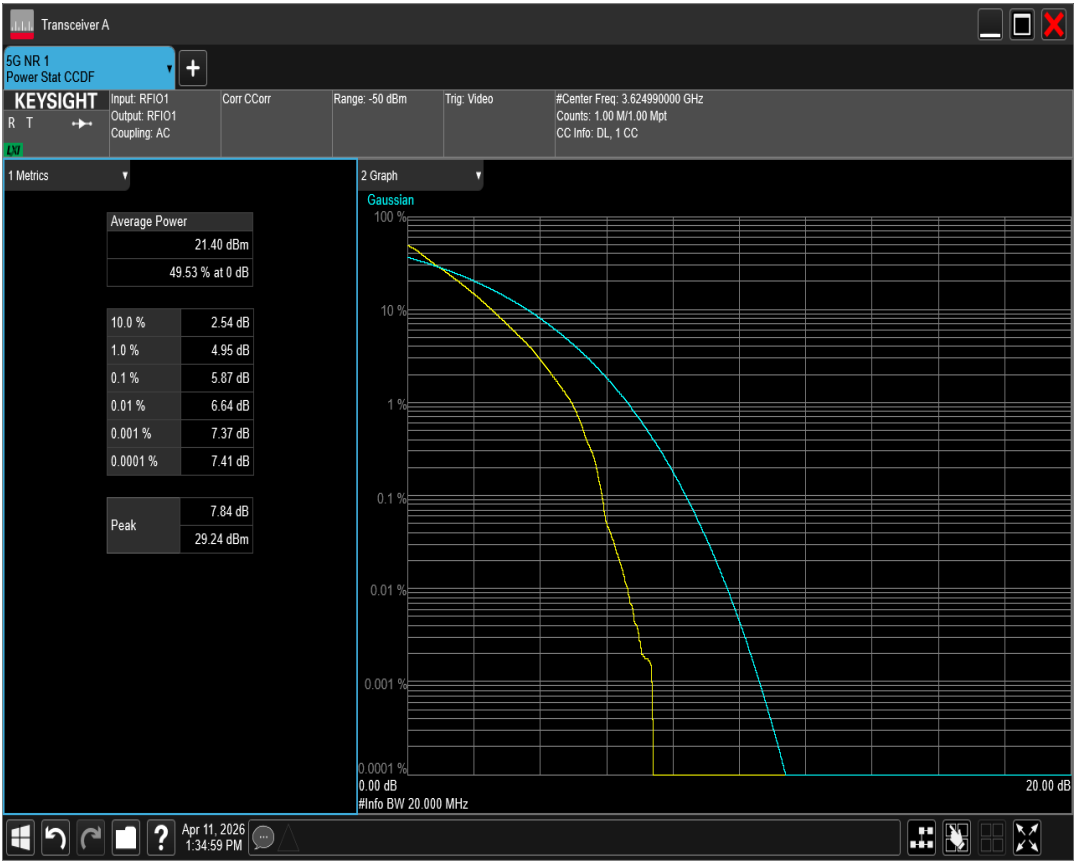
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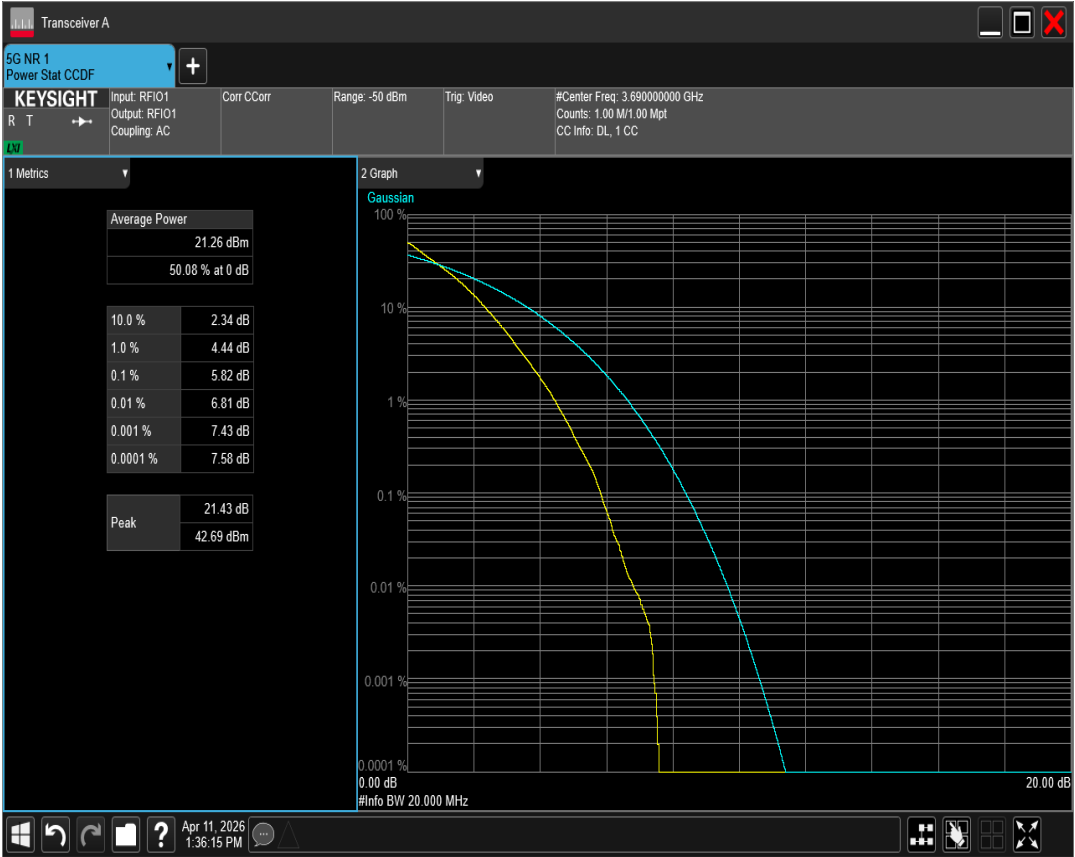
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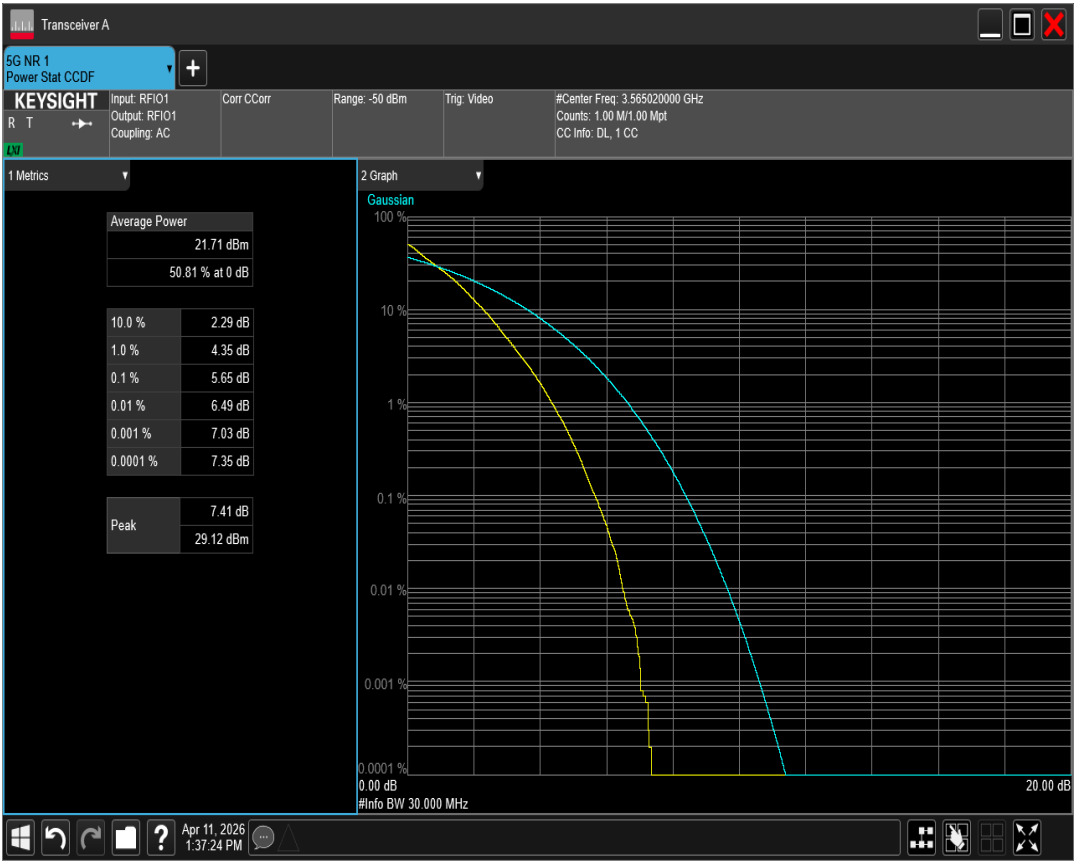
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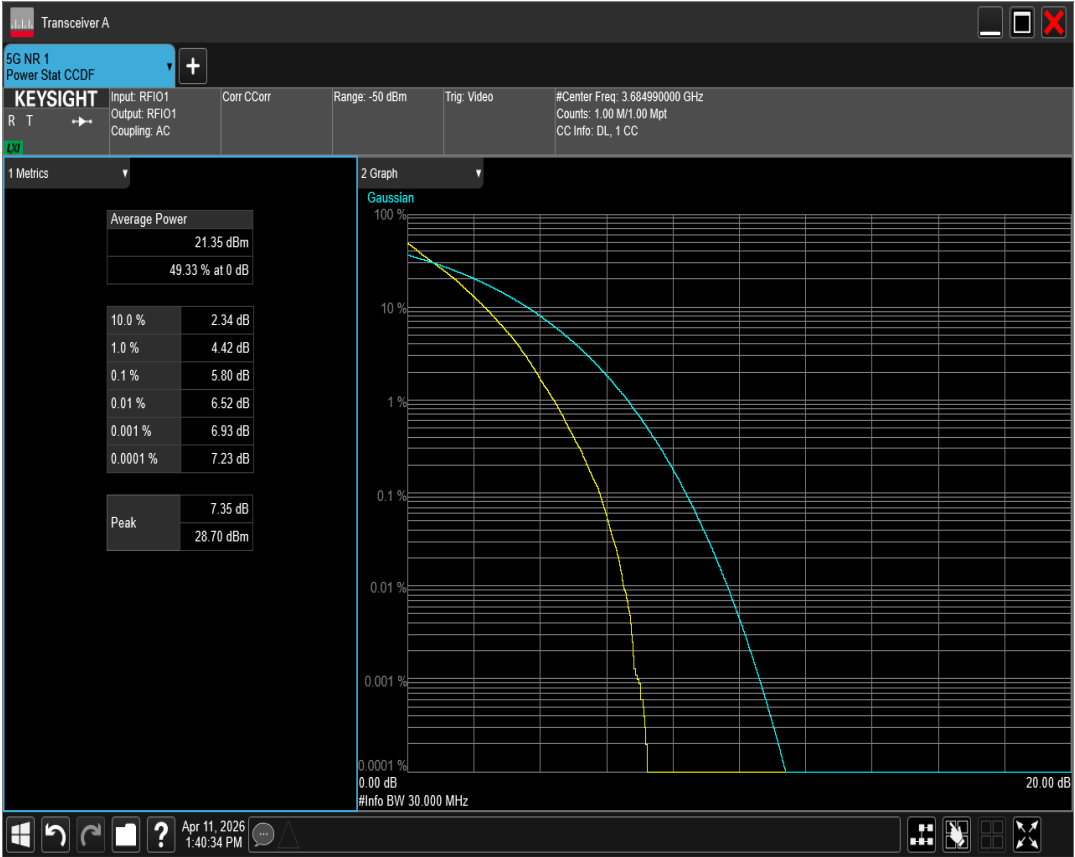
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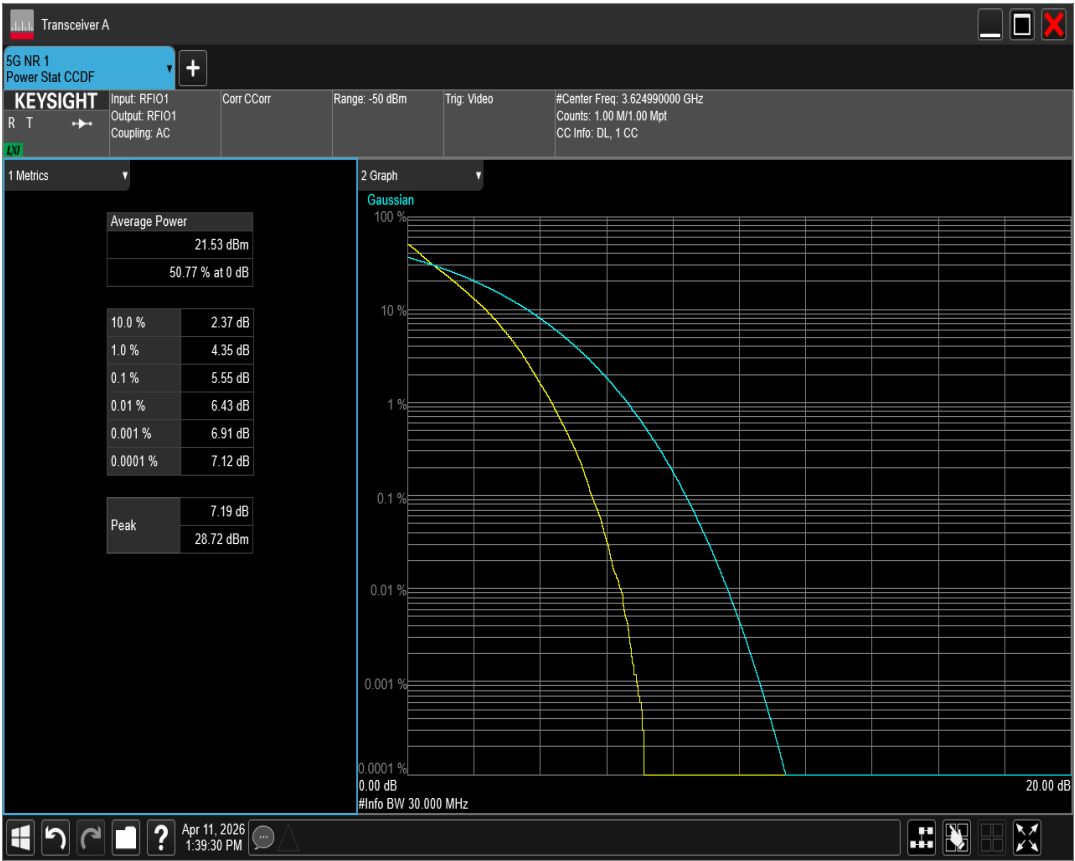
n48 SCS=30kHz DFT_QPSK BW=30MHz Channel=637668 RB=75@0



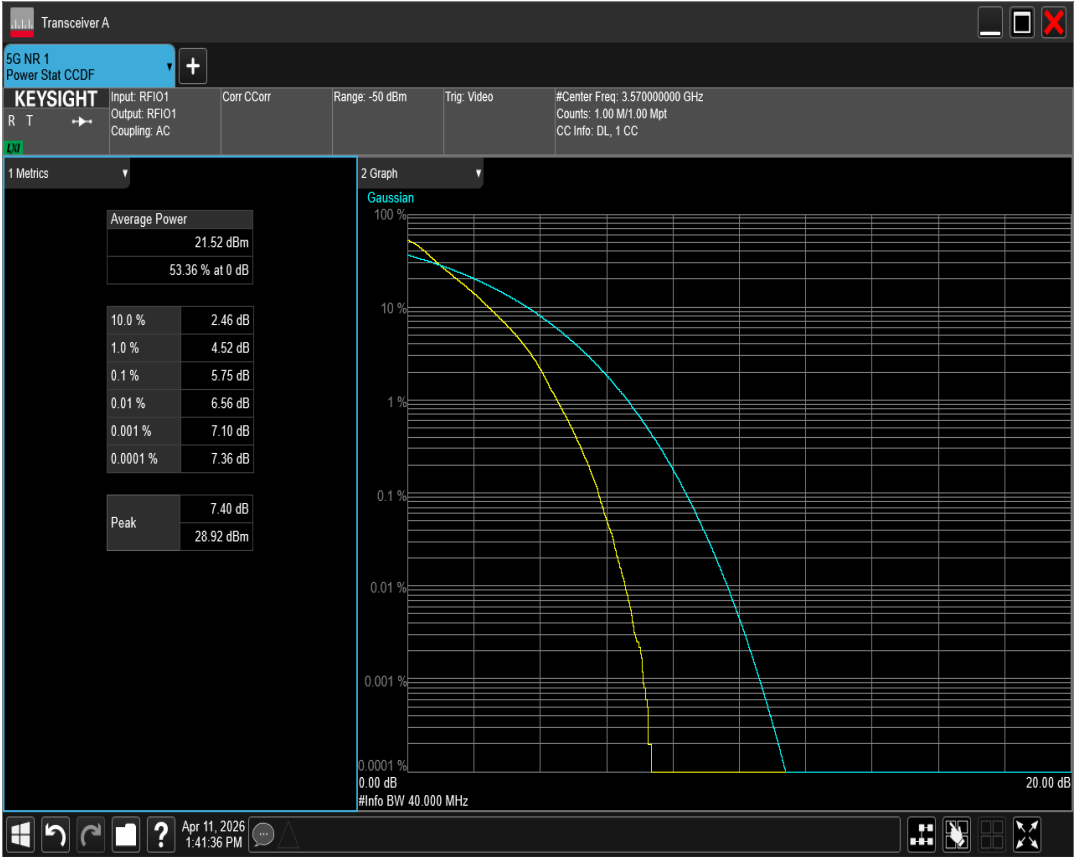
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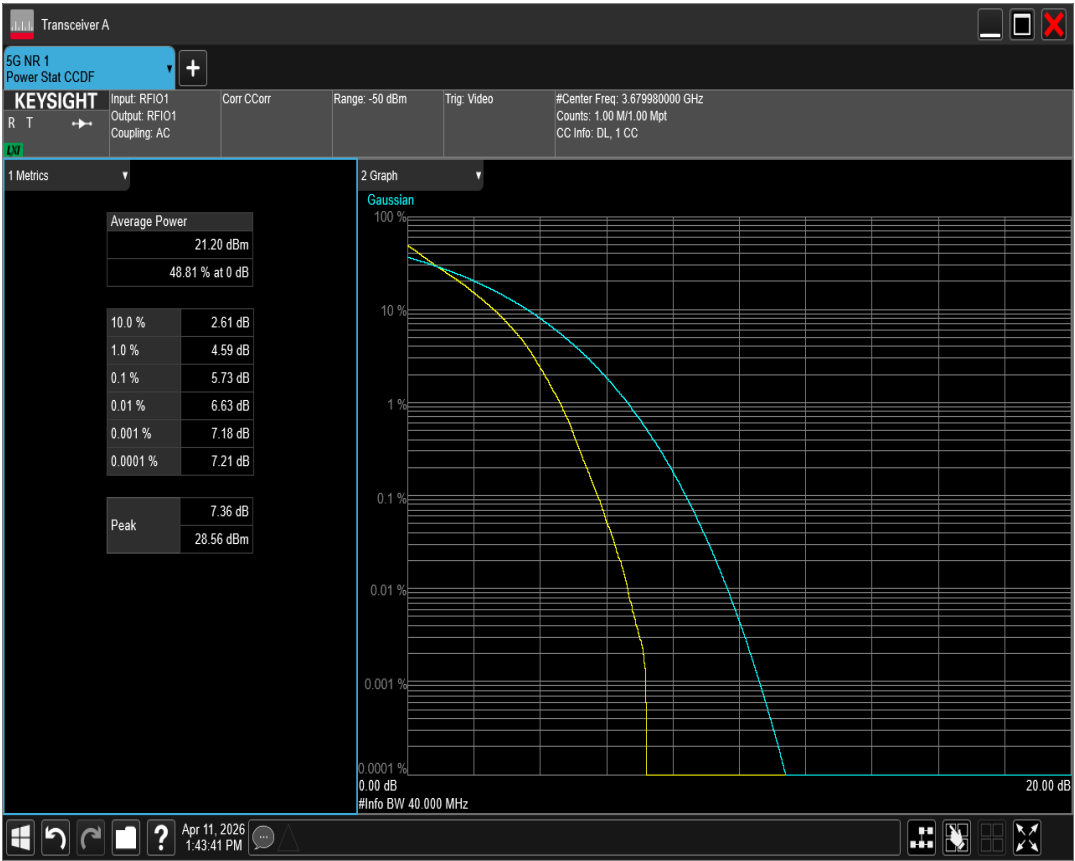
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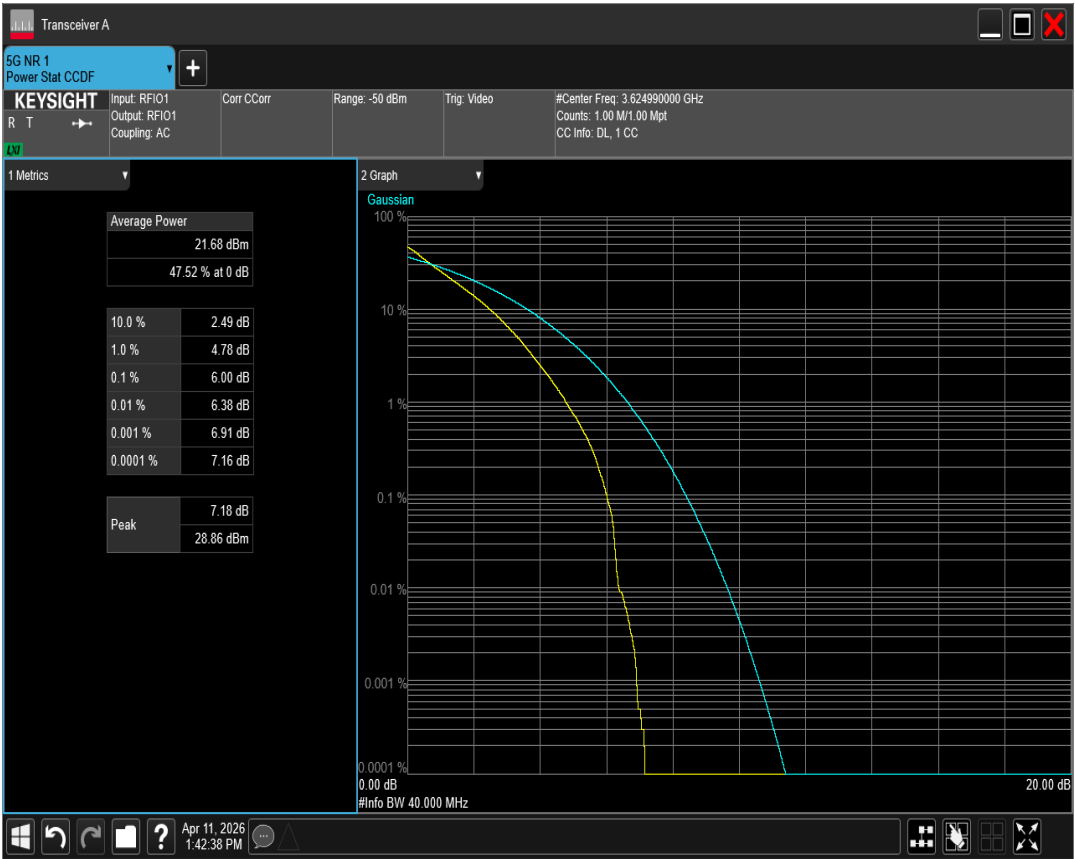
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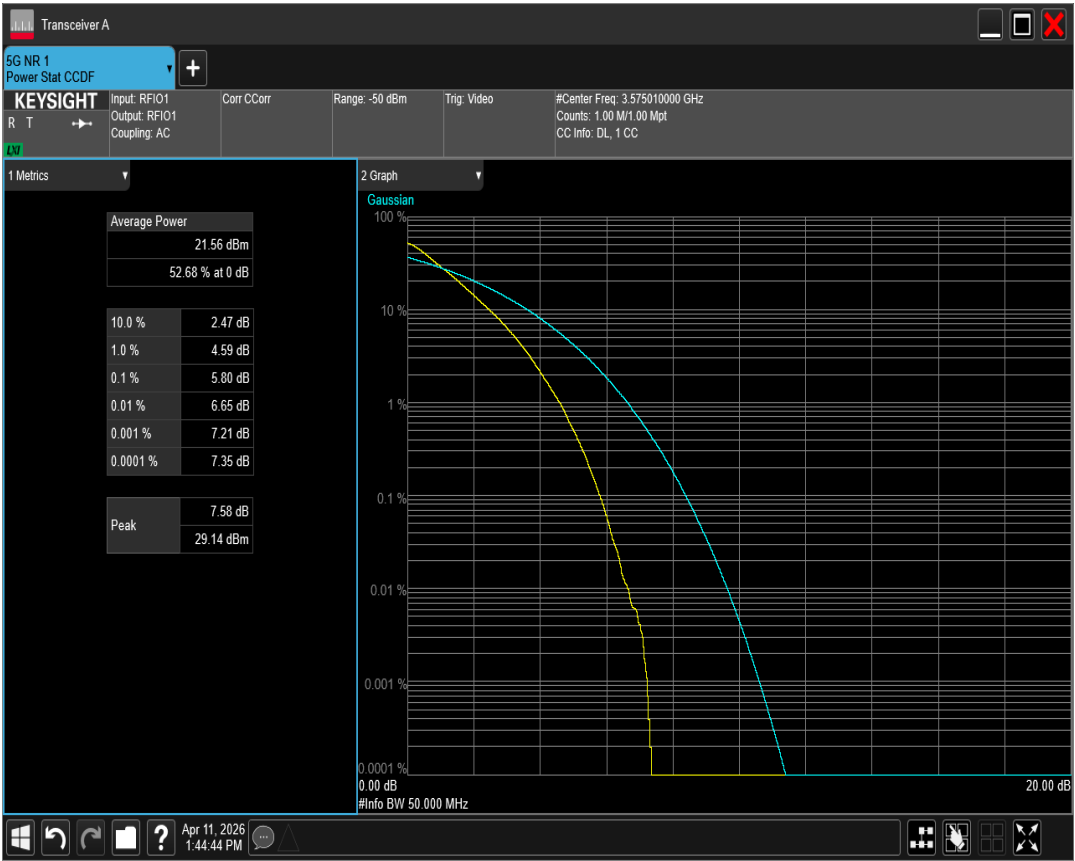
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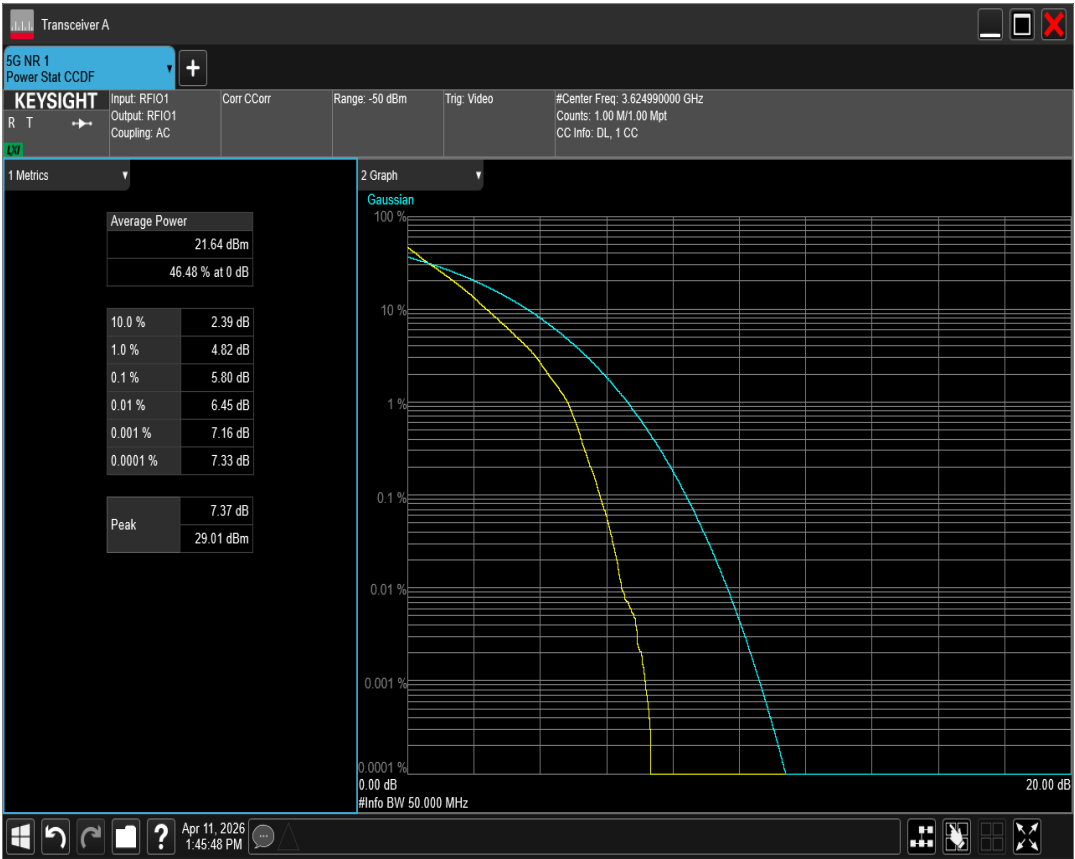
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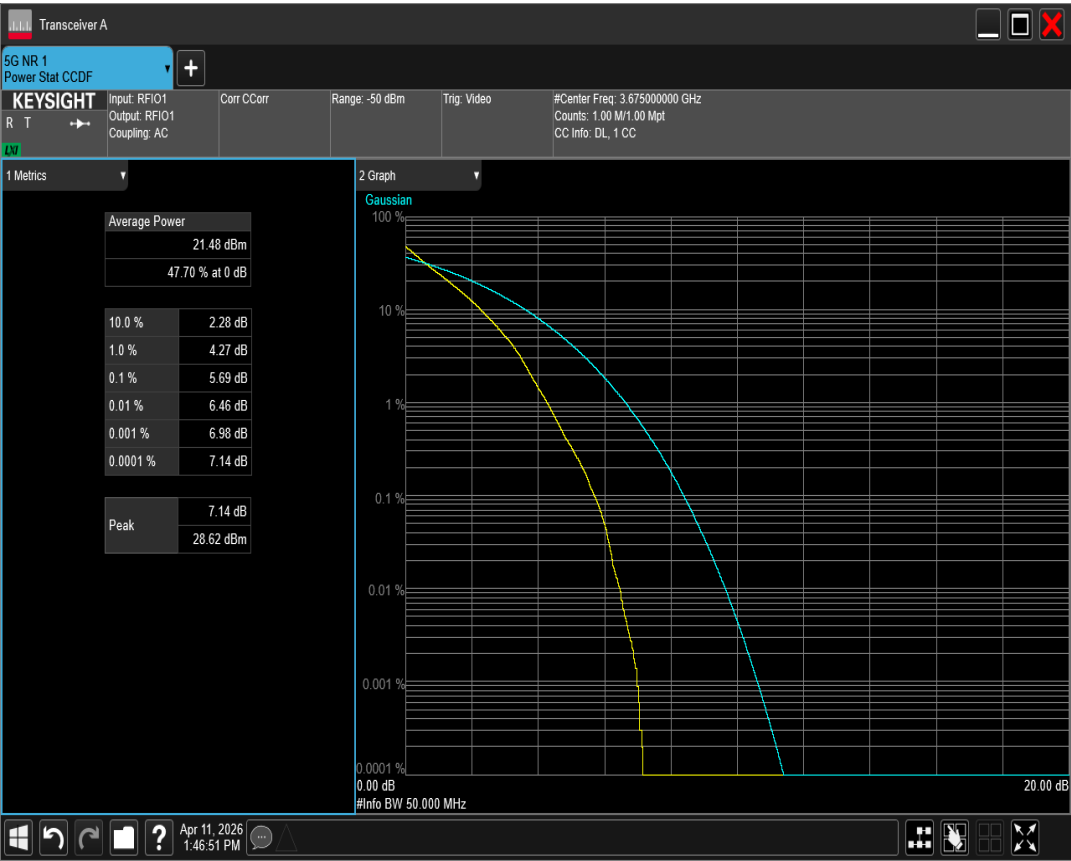
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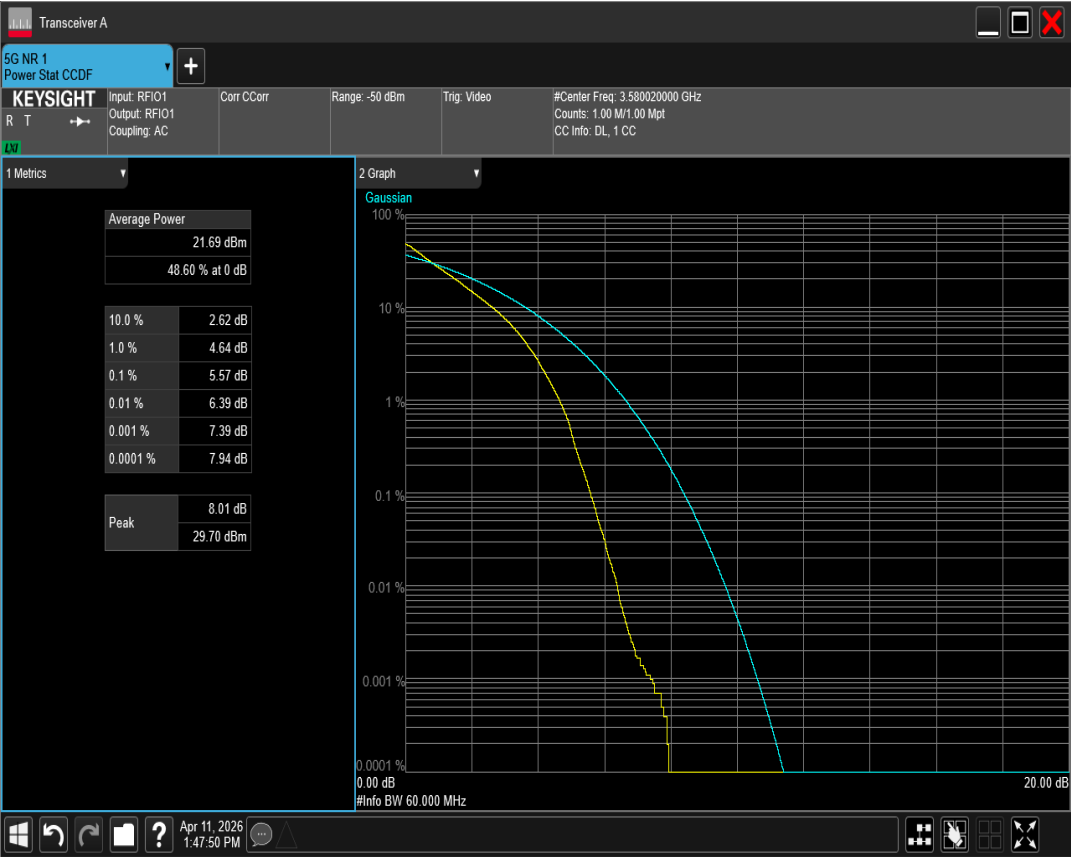
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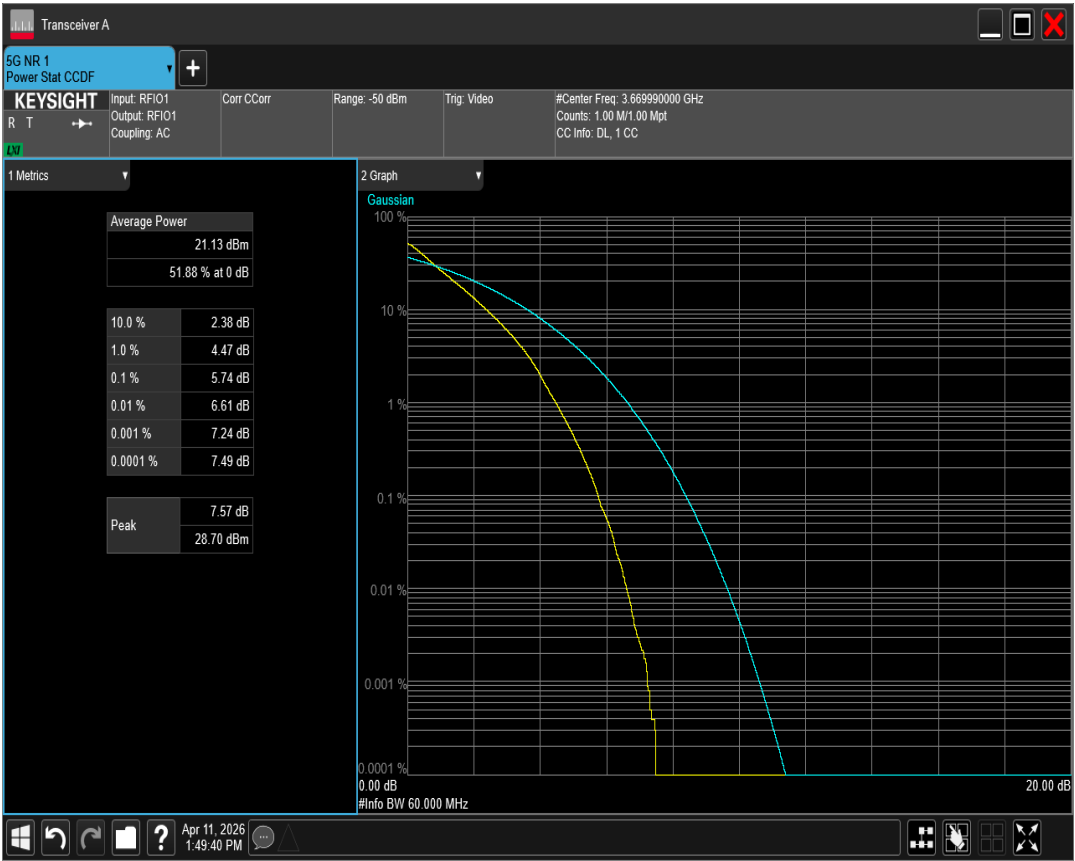
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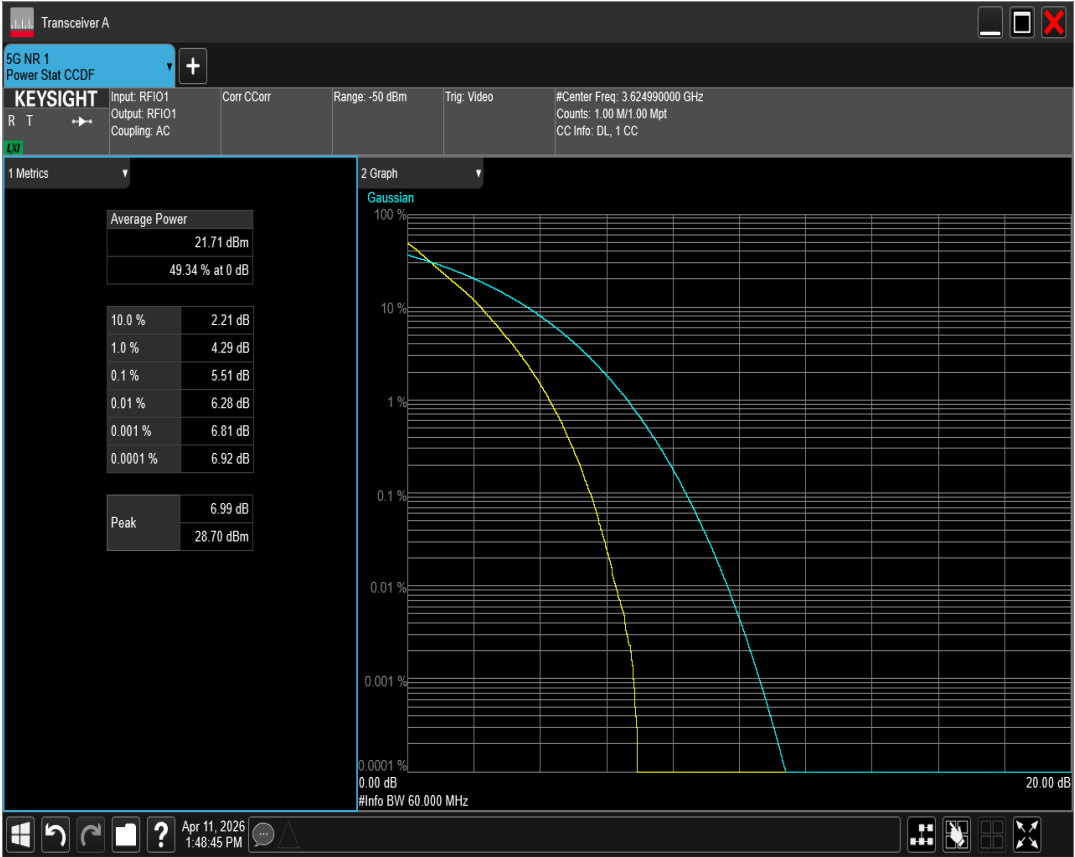
n48 SCS=30kHz DFT_QPSK BW=60MHz Channel=638668 RB=162@0



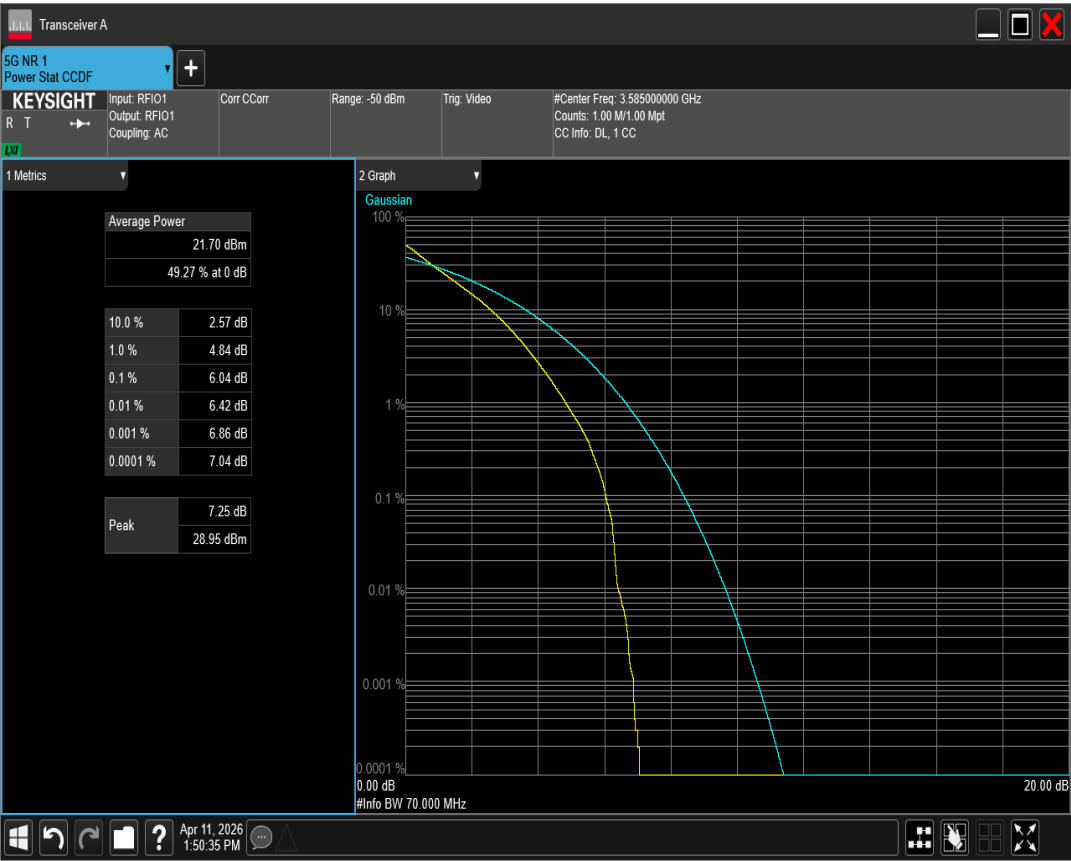
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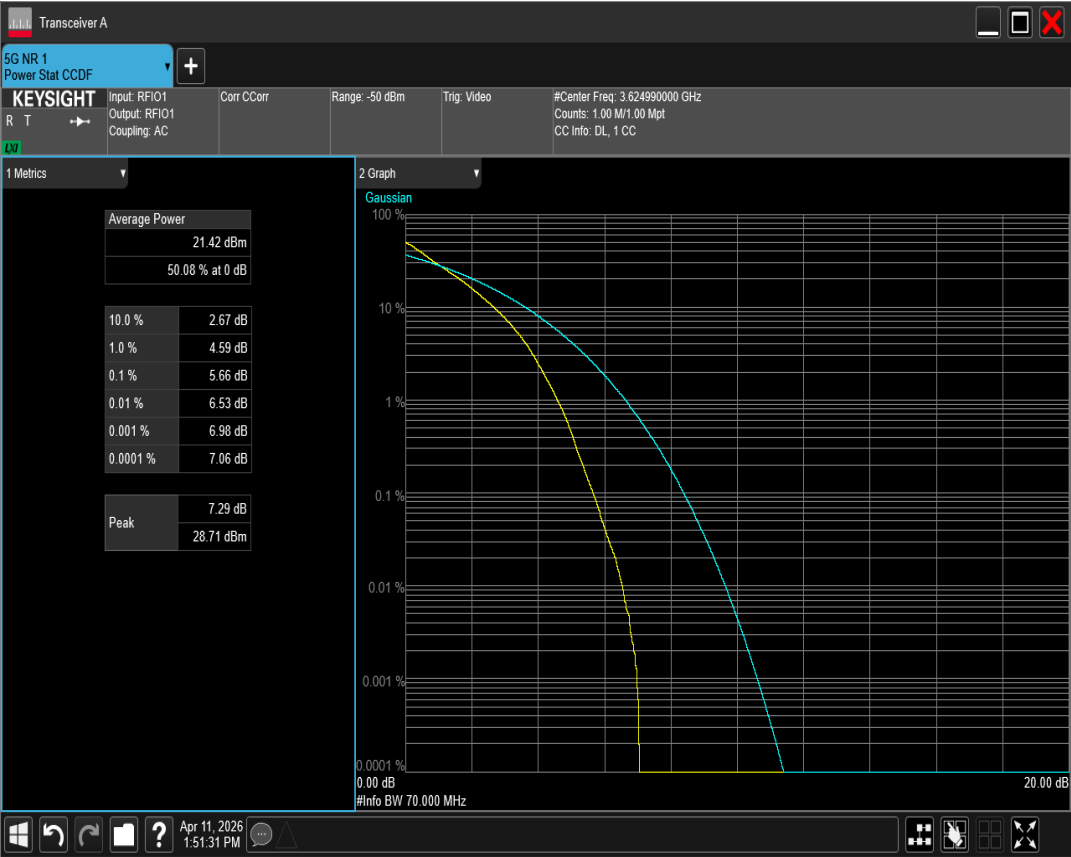
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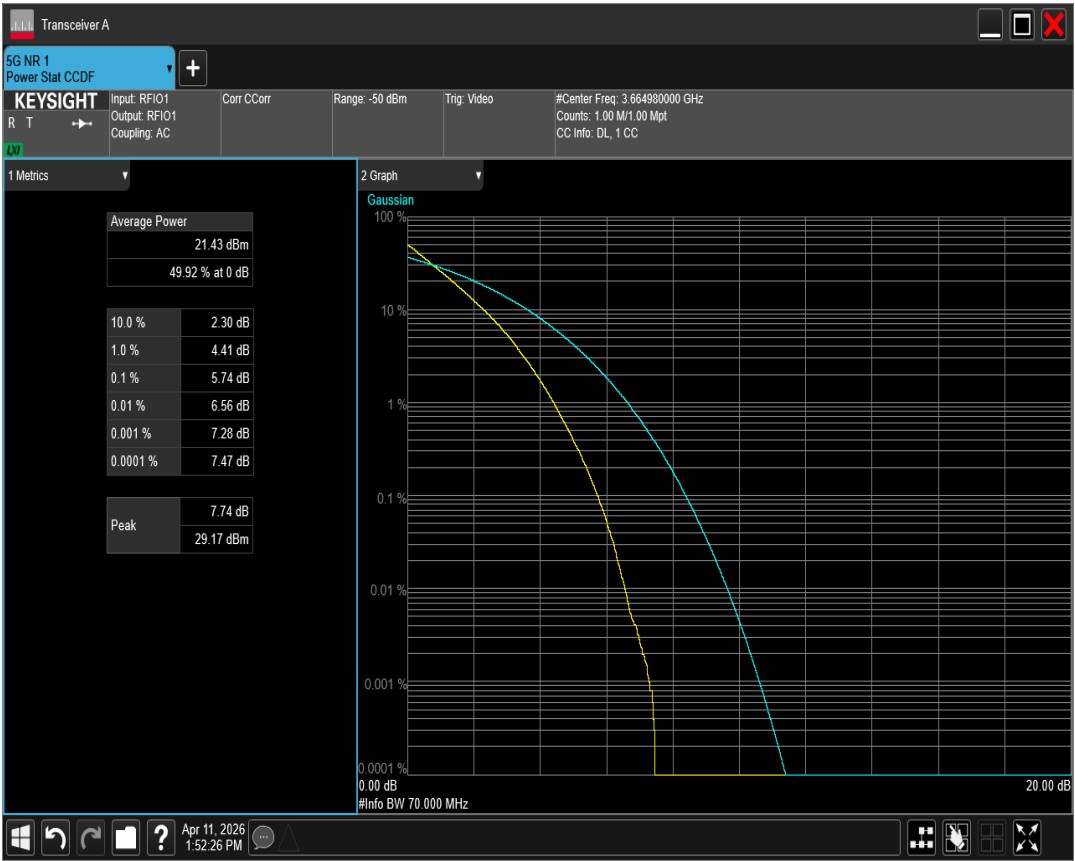
n48 SCS=30kHz DFT_QPSK BW=70MHz Channel=639000 RB=180@0



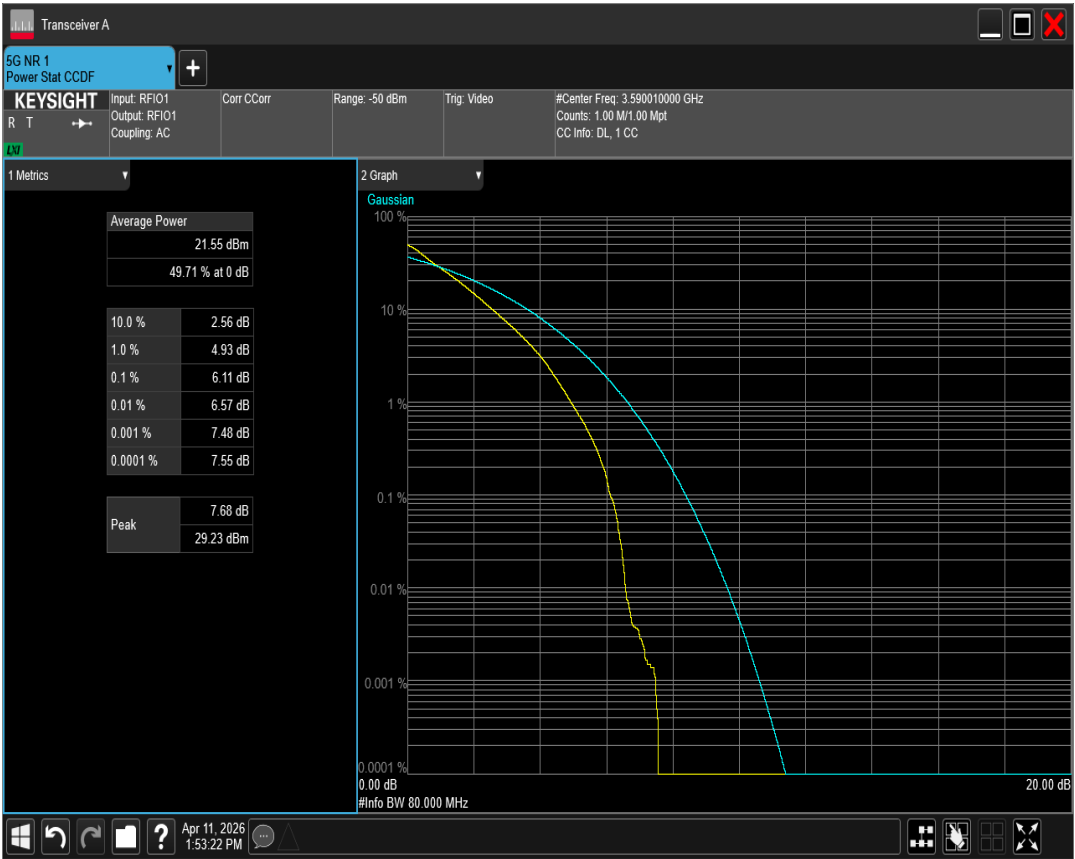
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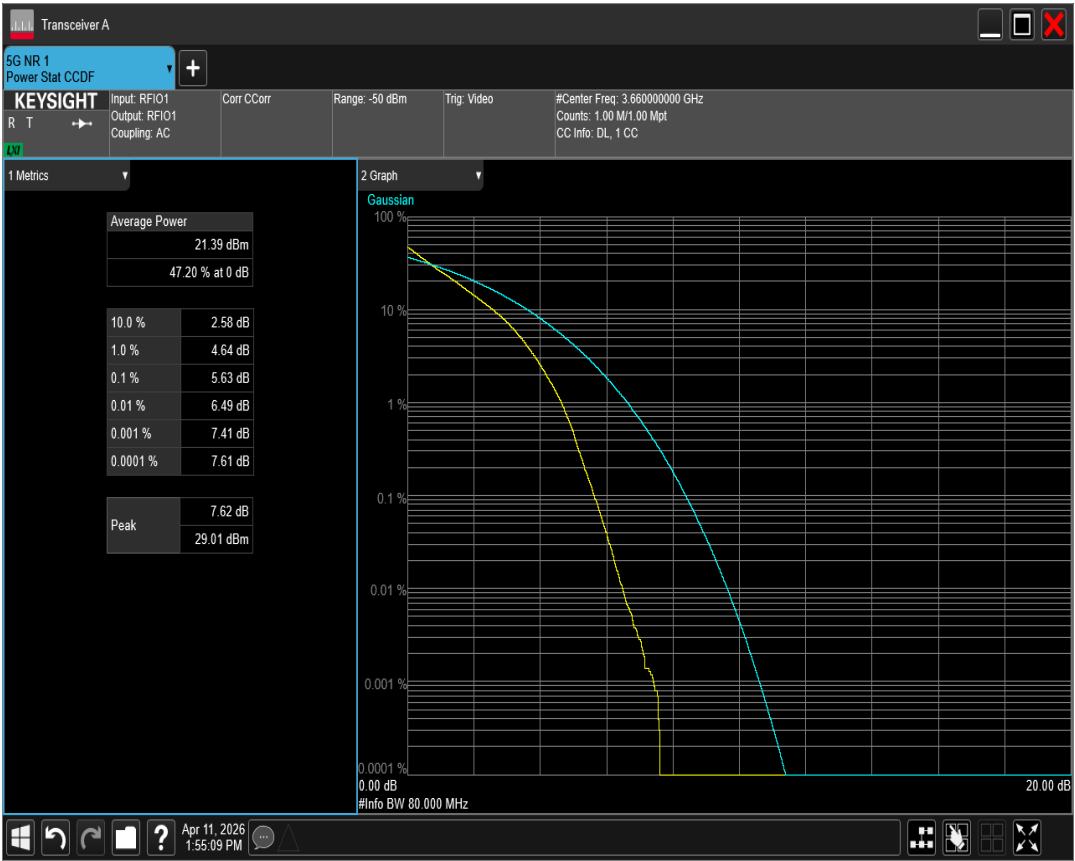
n48 SCS=30kHz DFT_QPSK BW=70MHz Channel=644332 RB=180@0



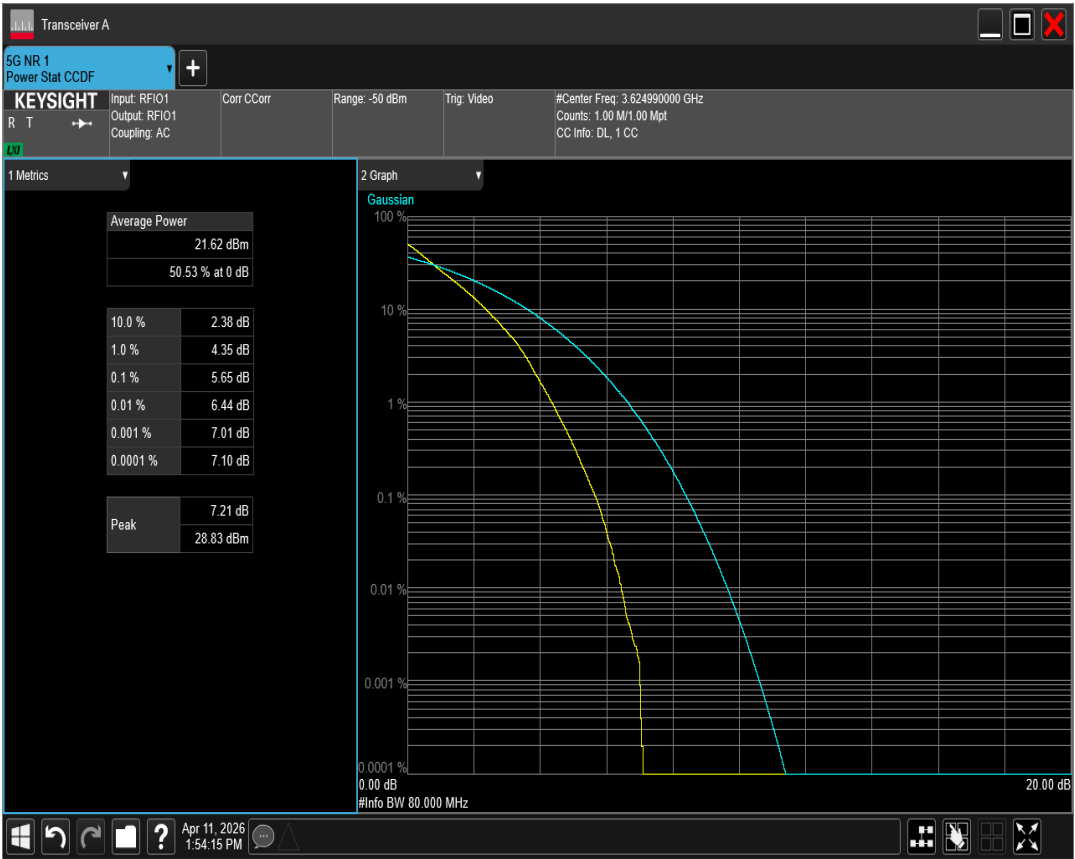
n48 SCS=30kHz DFT_QPSK BW=80MHz Channel=639334 RB=216@0



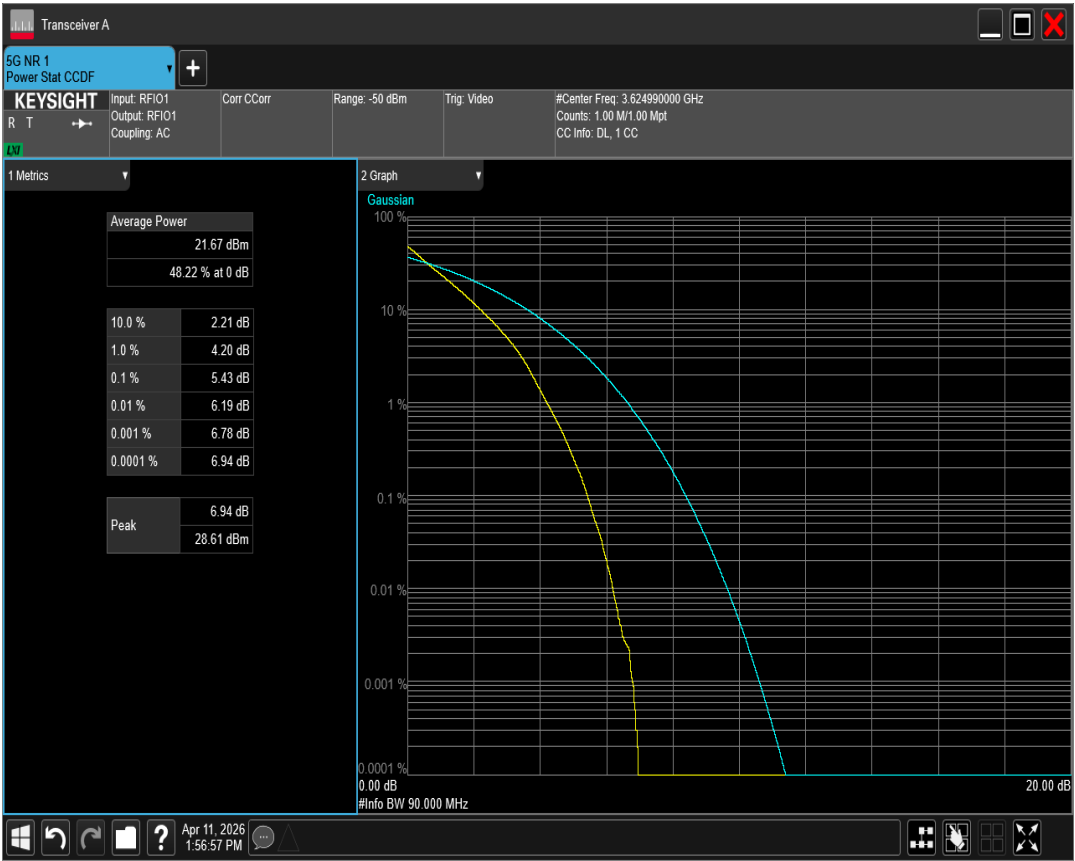
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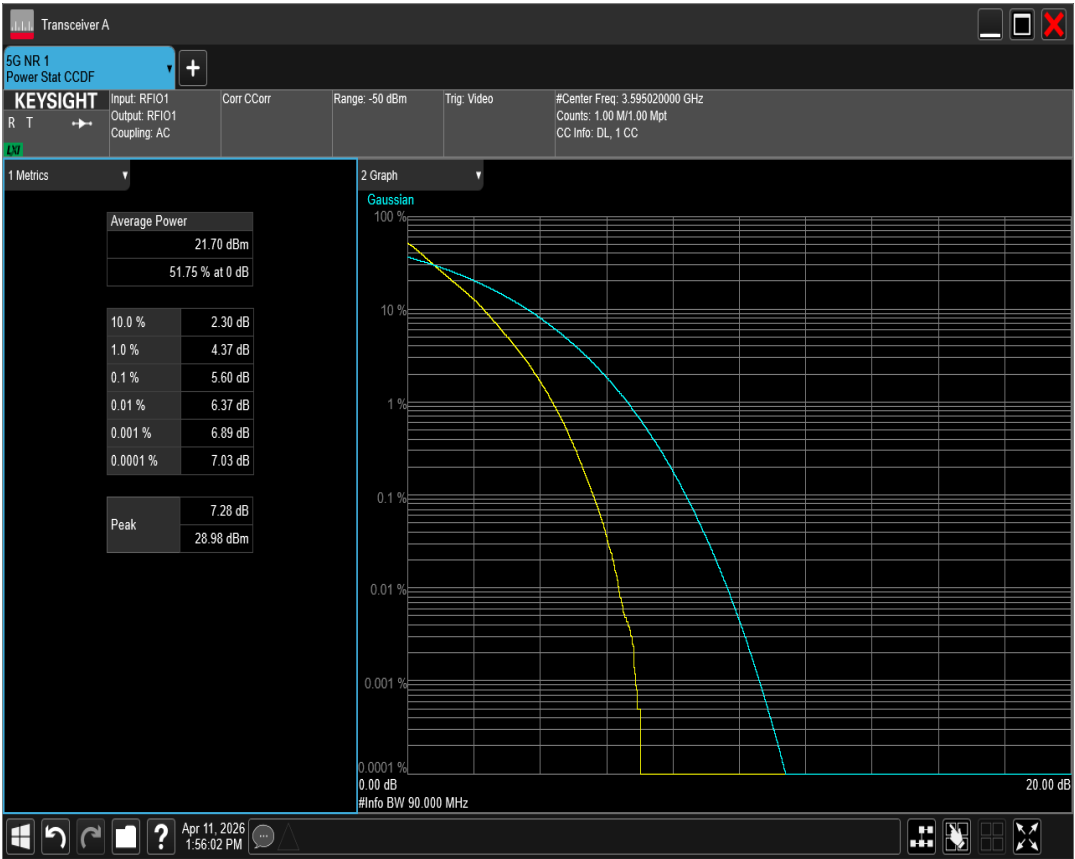
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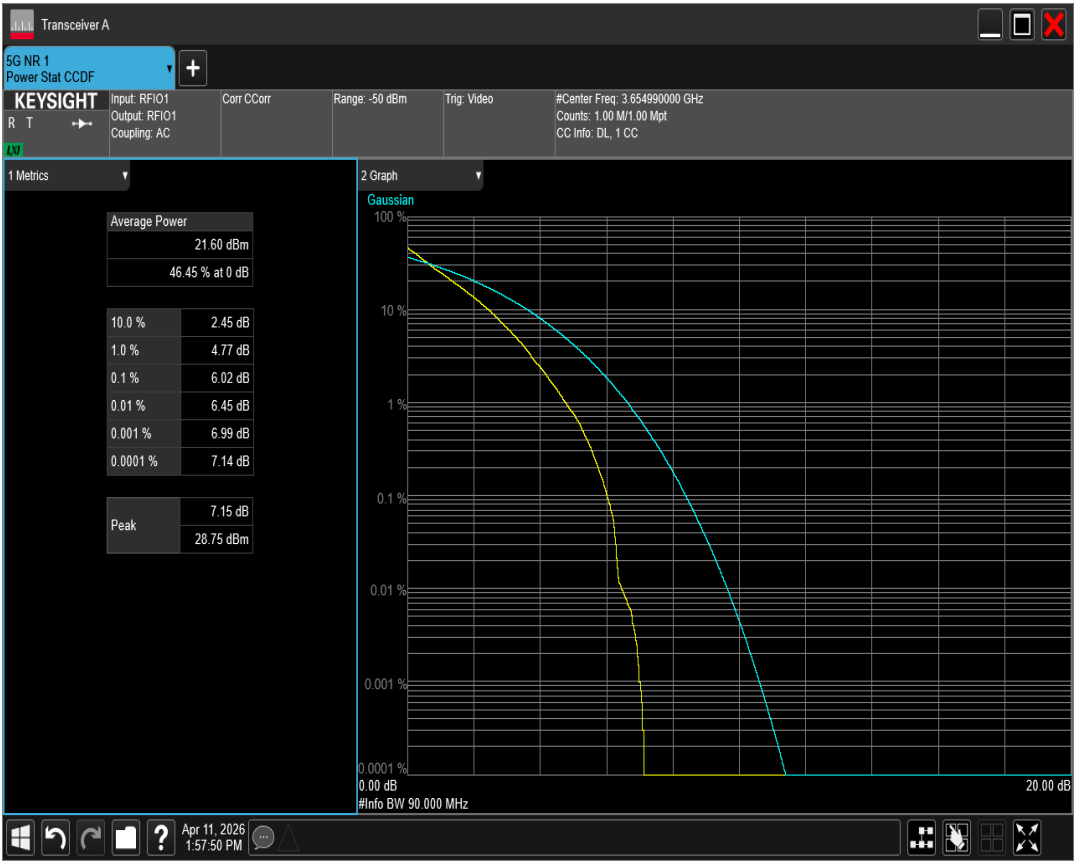
n48 SCS=30kHz DFT_QPSK BW=90MHz Channel=641666 RB=240@0



n48 SCS=30kHz DFT_QPSK BW=90MHz Channel=639668 RB=240@0



n48 SCS=30kHz DFT_QPSK BW=90MHz Channel=643666 RB=240@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n48	30	10	641666	24@0	DFT_BPSK	8.540	8.920	PASS
n48	30	10	641666	24@0	DFT_QPSK	8.580	8.980	PASS
n48	30	10	641666	24@0	DFT_QAM16	8.520	8.860	PASS
n48	30	10	641666	24@0	DFT_QAM64	8.540	8.950	PASS
n48	30	10	641666	24@0	DFT_QAM256	8.550	8.900	PASS
n48	30	15	641666	36@0	DFT_BPSK	13.450	13.290	PASS
n48	30	15	641666	36@0	DFT_QPSK	13.480	13.230	PASS
n48	30	15	641666	36@0	DFT_QAM16	13.490	13.260	PASS
n48	30	15	641666	36@0	DFT_QAM64	13.500	13.230	PASS
n48	30	15	641666	36@0	DFT_QAM256	13.480	13.260	PASS
n48	30	20	641666	50@0	DFT_BPSK	18.030	18.270	PASS
n48	30	20	641666	50@0	DFT_QPSK	18.010	18.230	PASS
n48	30	20	641666	50@0	DFT_QAM16	18.000	18.280	PASS
n48	30	20	641666	50@0	DFT_QAM64	18.090	18.270	PASS
n48	30	20	641666	50@0	DFT_QAM256	18.080	18.290	PASS
n48	30	30	641666	75@0	DFT_BPSK	27.730	27.330	PASS
n48	30	30	641666	75@0	DFT_QPSK	27.650	27.300	PASS
n48	30	30	641666	75@0	DFT_QAM16	27.580	27.310	PASS
n48	30	30	641666	75@0	DFT_QAM64	27.570	27.260	PASS
n48	30	30	641666	75@0	DFT_QAM256	27.640	27.310	PASS
n48	30	40	641666	100@0	DFT_BPSK	37.460	36.380	PASS
n48	30	40	641666	100@0	DFT_QPSK	37.490	36.330	PASS
n48	30	40	641666	100@0	DFT_QAM16	37.500	36.310	PASS
n48	30	40	641666	100@0	DFT_QAM64	37.550	36.330	PASS
n48	30	40	641666	100@0	DFT_QAM256	37.440	36.250	PASS
n48	30	50	641666	128@0	DFT_BPSK	37.520	36.360	PASS
n48	30	50	641666	128@0	DFT_QPSK	37.660	36.480	PASS
n48	30	50	641666	128@0	DFT_QAM16	37.620	36.350	PASS
n48	30	50	641666	128@0	DFT_QAM64	37.500	36.310	PASS
n48	30	50	641666	128@0	DFT_QAM256	37.410	36.370	PASS
n48	30	60	641666	162@0	DFT_BPSK	37.620	36.310	PASS
n48	30	60	641666	162@0	DFT_QPSK	37.570	36.270	PASS
n48	30	60	641666	162@0	DFT_QAM16	37.520	36.370	PASS
n48	30	60	641666	162@0	DFT_QAM64	37.560	36.450	PASS
n48	30	60	641666	162@0	DFT_QAM256	37.550	36.360	PASS
n48	30	70	641666	180@0	DFT_BPSK	37.570	36.300	PASS
n48	30	70	641666	180@0	DFT_QPSK	37.570	36.350	PASS
n48	30	70	641666	180@0	DFT_QAM16	37.520	36.310	PASS
n48	30	70	641666	180@0	DFT_QAM64	37.500	36.370	PASS

n48	30	70	641666	180@0	DFT_QAM256	37.440	36.230	PASS
n48	30	80	641666	216@0	DFT_BPSK	37.560	36.290	PASS
n48	30	80	641666	216@0	DFT_QPSK	37.660	36.320	PASS
n48	30	80	641666	216@0	DFT_QAM16	37.450	36.370	PASS
n48	30	80	641666	216@0	DFT_QAM64	37.610	36.280	PASS
n48	30	80	641666	216@0	DFT_QAM256	37.470	36.280	PASS
n48	30	90	641666	240@0	DFT_BPSK	37.500	36.300	PASS
n48	30	90	641666	240@0	DFT_QPSK	37.660	36.310	PASS
n48	30	90	641666	240@0	DFT_QAM16	37.500	36.260	PASS
n48	30	90	641666	240@0	DFT_QAM64	37.570	36.410	PASS
n48	30	90	641666	240@0	DFT_QAM256	37.440	36.340	PASS
n48	30	100	641666	270@0	DFT_BPSK	37.500	36.280	PASS
n48	30	100	641666	270@0	DFT_QPSK	37.630	36.240	PASS
n48	30	100	641666	270@0	DFT_QAM16	37.620	36.240	PASS
n48	30	100	641666	270@0	DFT_QAM64	37.610	36.380	PASS
n48	30	100	641666	270@0	DFT_QAM256	37.410	36.280	PASS

n48 SCS=30kHz DFT_BPSK BW=100MHz Channel=641666 RB=270@0



n48 SCS=30kHz DFT_BPSK BW=10MHz Channel=641666 RB=24@0



n48 SCS=30kHz DFT_BPSK BW=15MHz Channel=641666 RB=36@0



n48 SCS=30kHz DFT_BPSK BW=20MHz Channel=641666 RB=50@0



n48 SCS=30kHz DFT_BPSK BW=30MHz Channel=641666 RB=75@0



n48 SCS=30kHz DFT_BPSK BW=50MHz Channel=641666 RB=128@0



n48 SCS=30kHz DFT_BPSK BW=40MHz Channel=641666 RB=100@0



n48 SCS=30kHz DFT_BPSK BW=60MHz Channel=641666 RB=162@0



n48 SCS=30kHz DFT_BPSK BW=70MHz Channel=641666 RB=180@0



n48 SCS=30kHz DFT_BPSK BW=80MHz Channel=641666 RB=216@0



n48 SCS=30kHz DFT_BPSK BW=90MHz Channel=641666 RB=240@0



n48 SCS=30kHz DFT_QAM16 BW=100MHz Channel=641666 RB=270@0



n48 SCS=30kHz DFT_QAM16 BW=15MHz Channel=641666 RB=36@0



n48 SCS=30kHz DFT_QAM16 BW=10MHz Channel=641666 RB=24@0



n48 SCS=30kHz DFT_QAM16 BW=20MHz Channel=641666 RB=50@0



n48 SCS=30kHz DFT_QAM16 BW=50MHz Channel=641666 RB=128@0



n48 SCS=30kHz DFT_QAM16 BW=40MHz Channel=641666 RB=100@0



n48 SCS=30kHz DFT_QAM16 BW=30MHz Channel=641666 RB=75@0



n48 SCS=30kHz DFT_QAM16 BW=60MHz Channel=641666 RB=162@0



n48 SCS=30kHz DFT_QAM16 BW=70MHz Channel=641666 RB=180@0



n48 SCS=30kHz DFT_QAM16 BW=80MHz Channel=641666 RB=216@0



n48 SCS=30kHz DFT_QAM16 BW=90MHz Channel=641666 RB=240@0