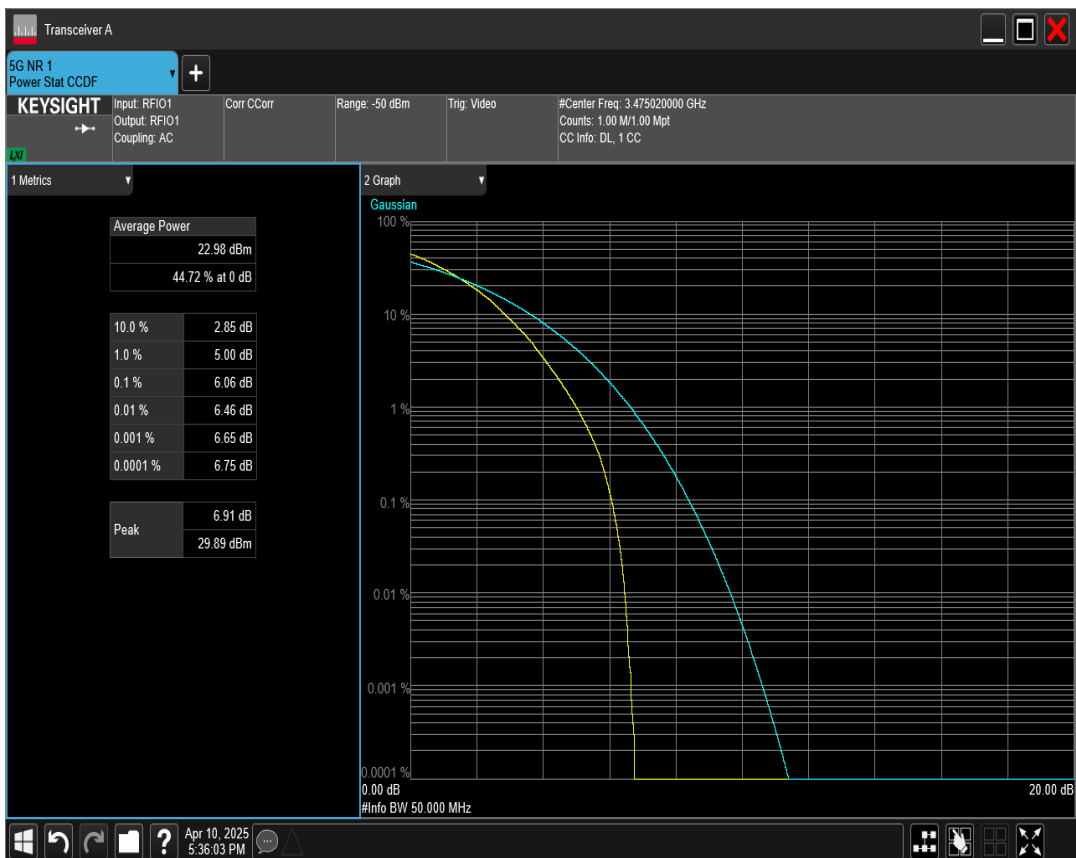
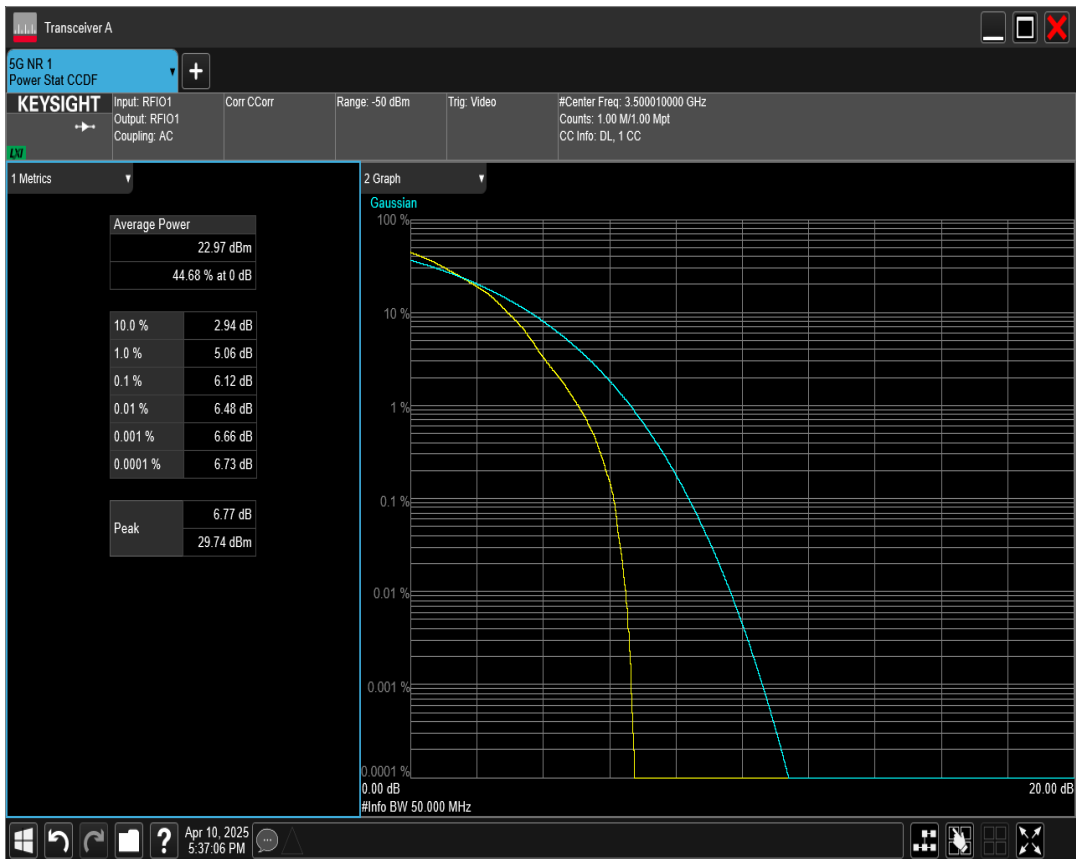


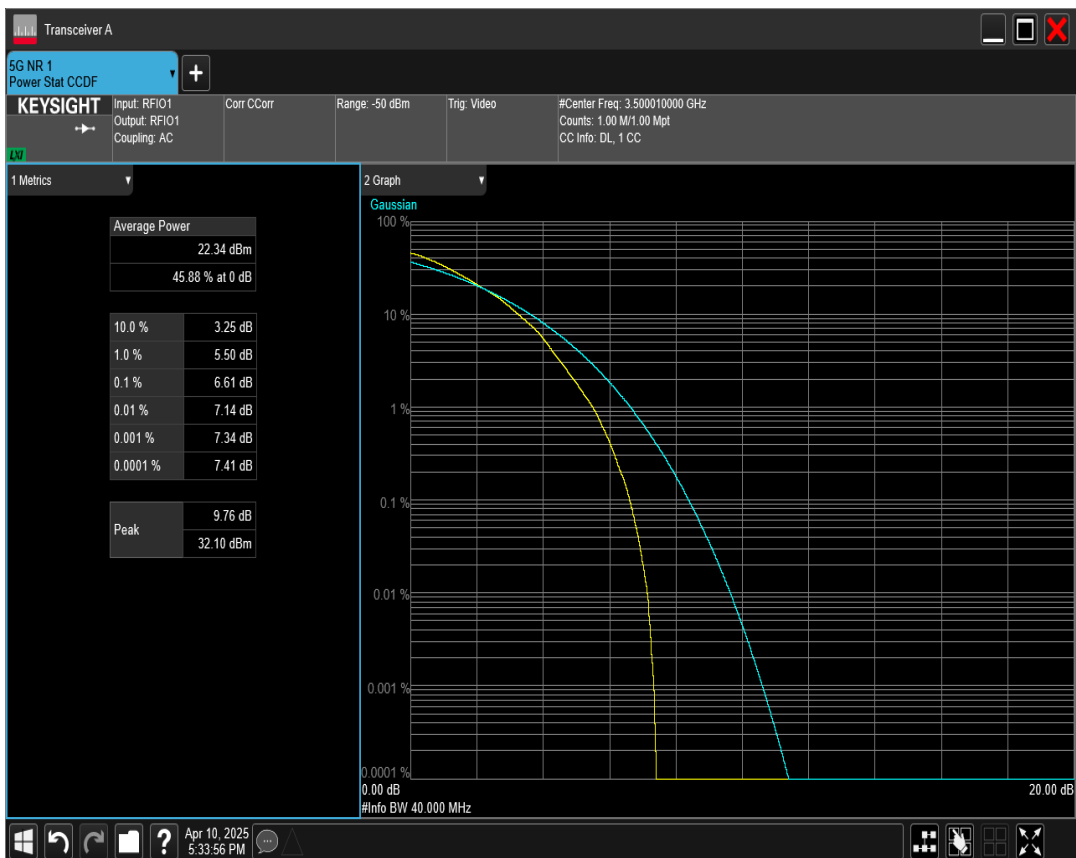
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=631668 RB=128@0



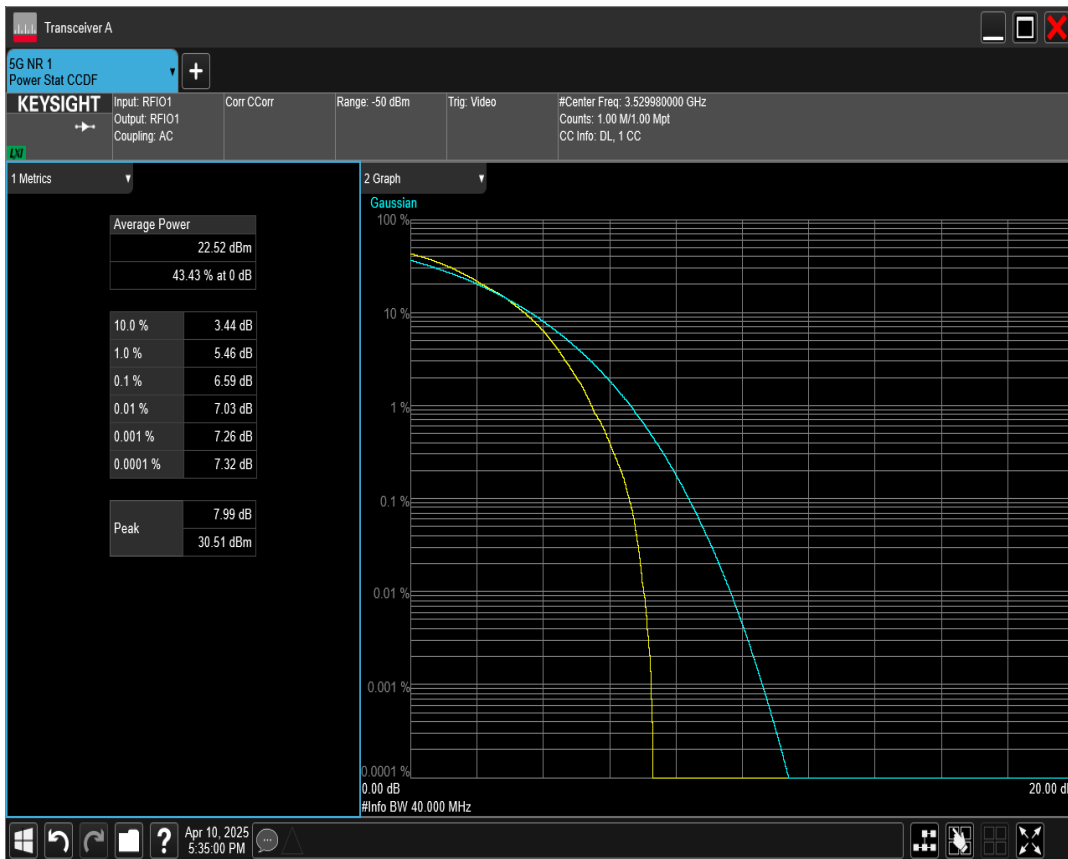
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



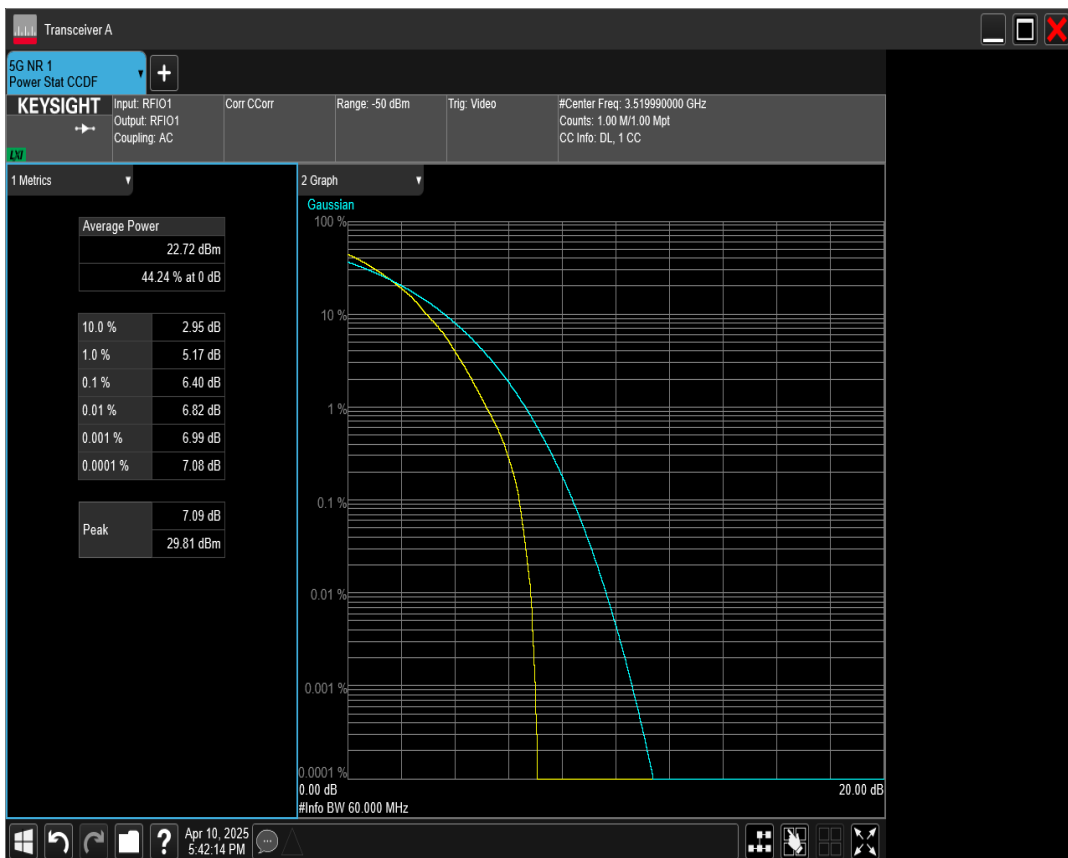
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



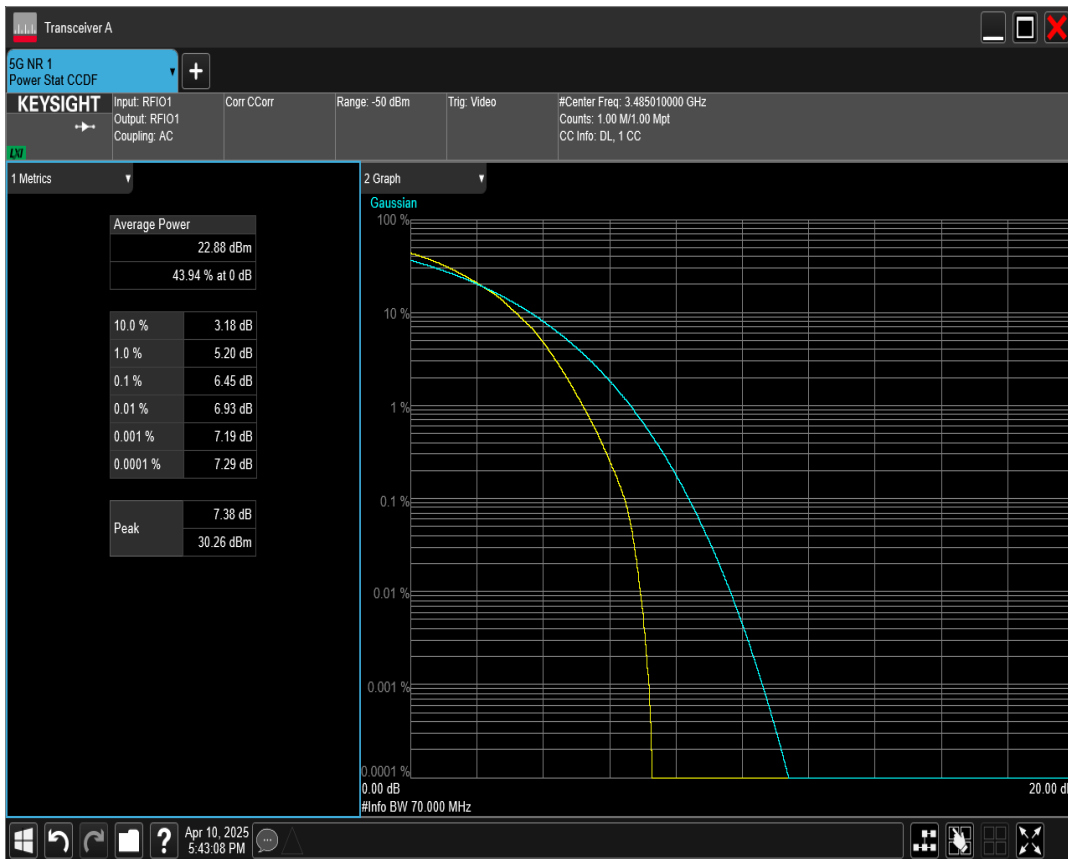
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=635332 RB=100@0



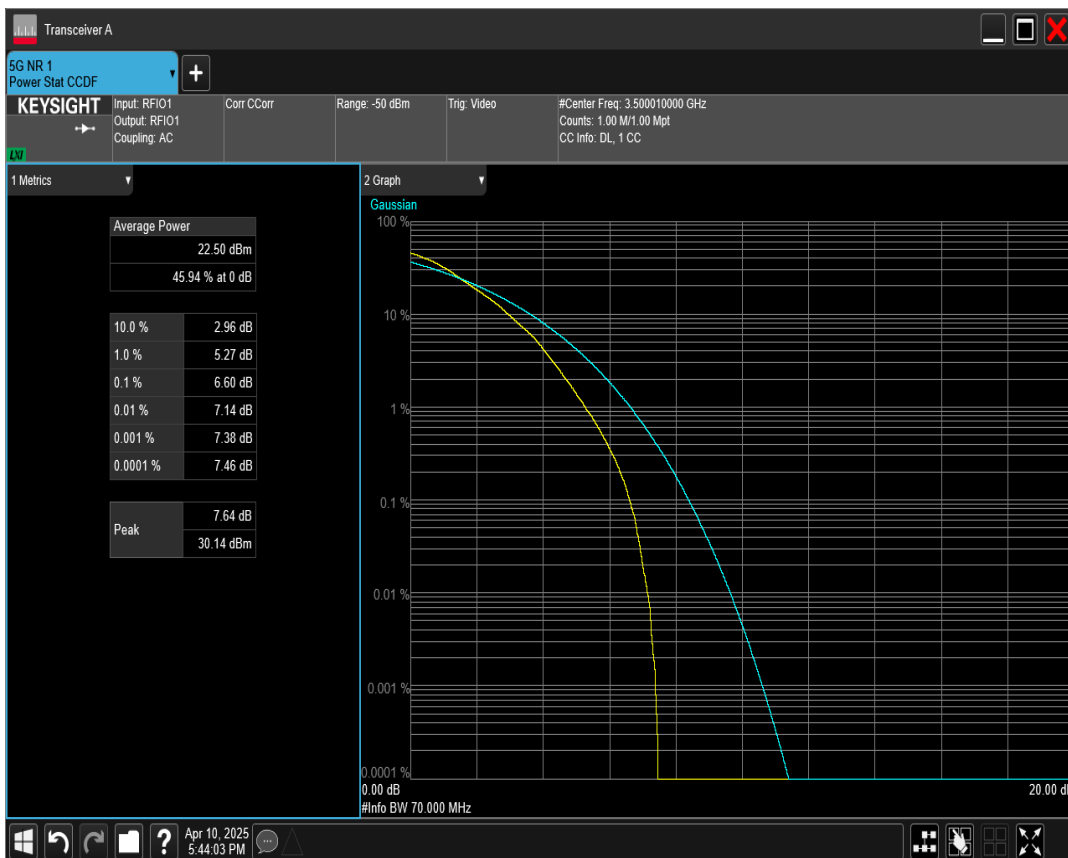
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=634666 RB=162 @0



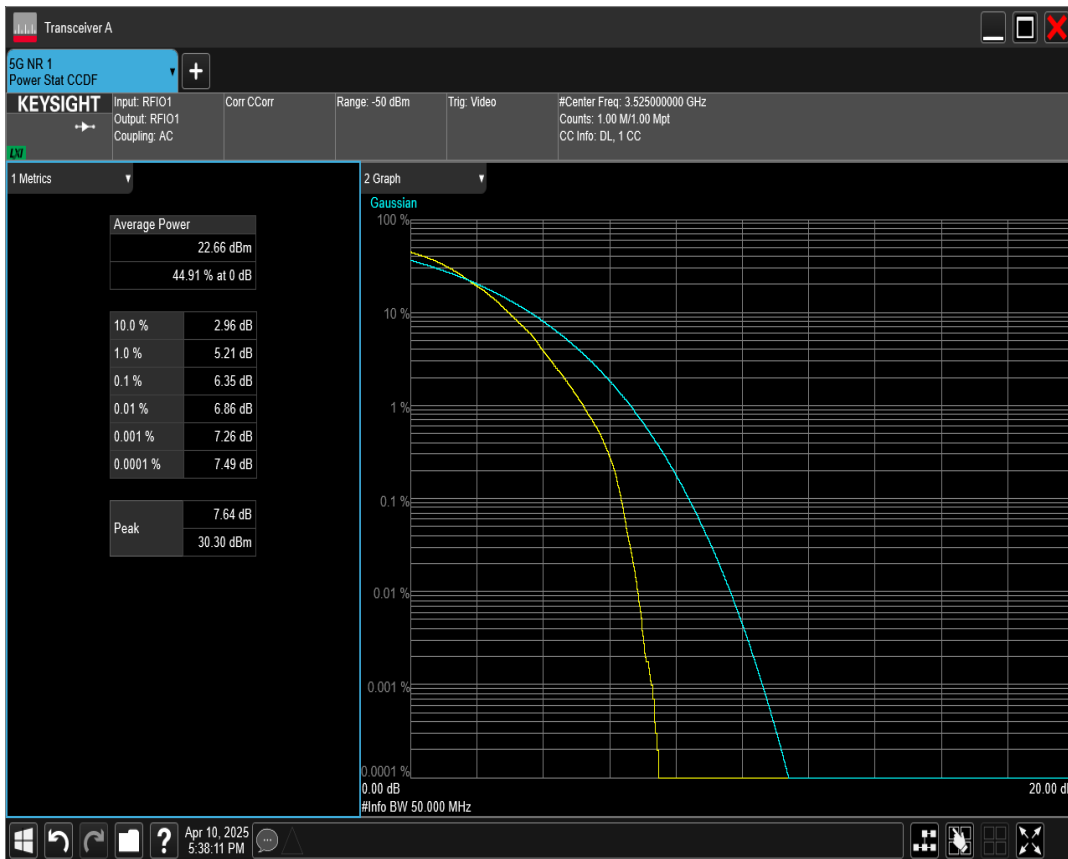
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=632334 RB=180 @0



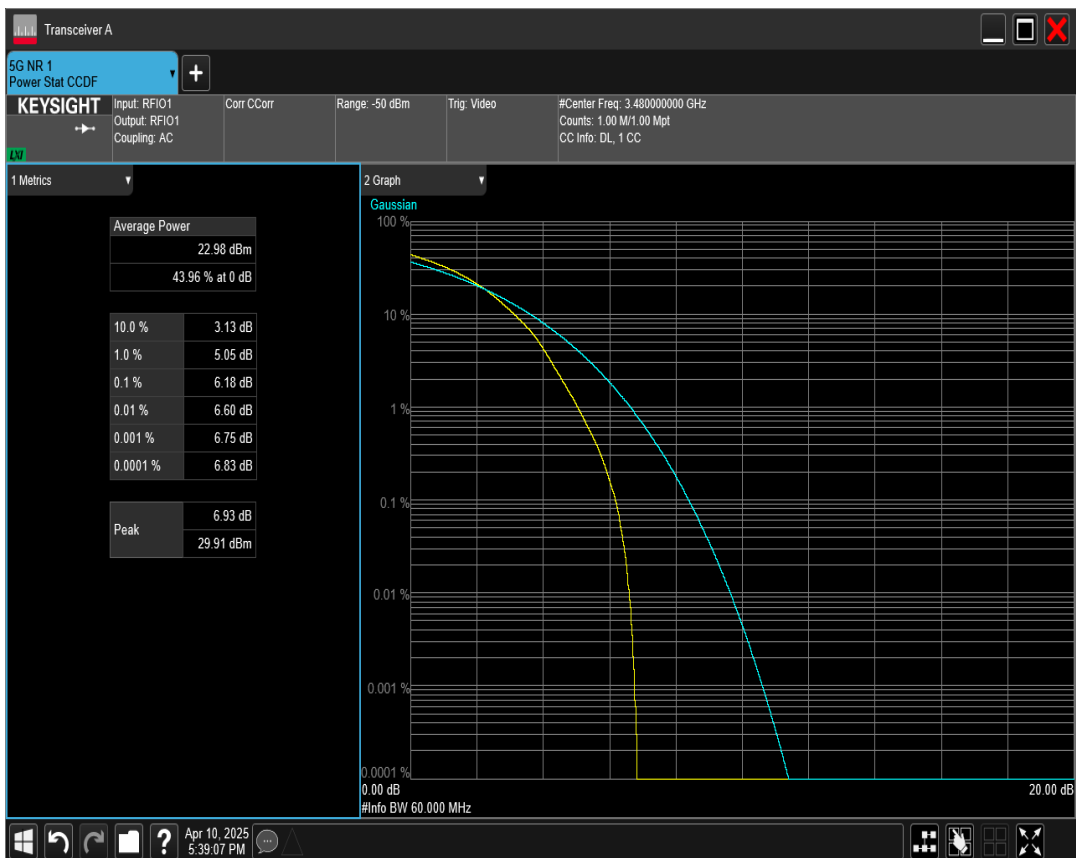
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=633334 RB=180@0



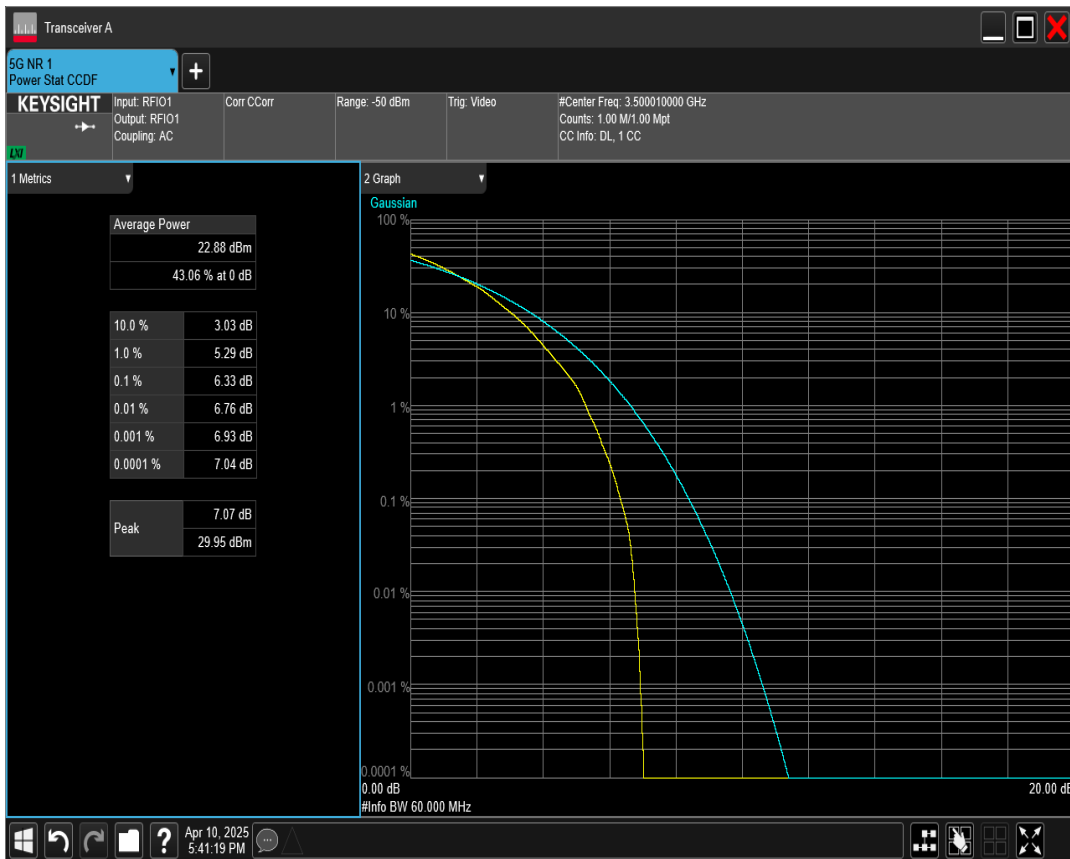
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=635000 RB=128@0



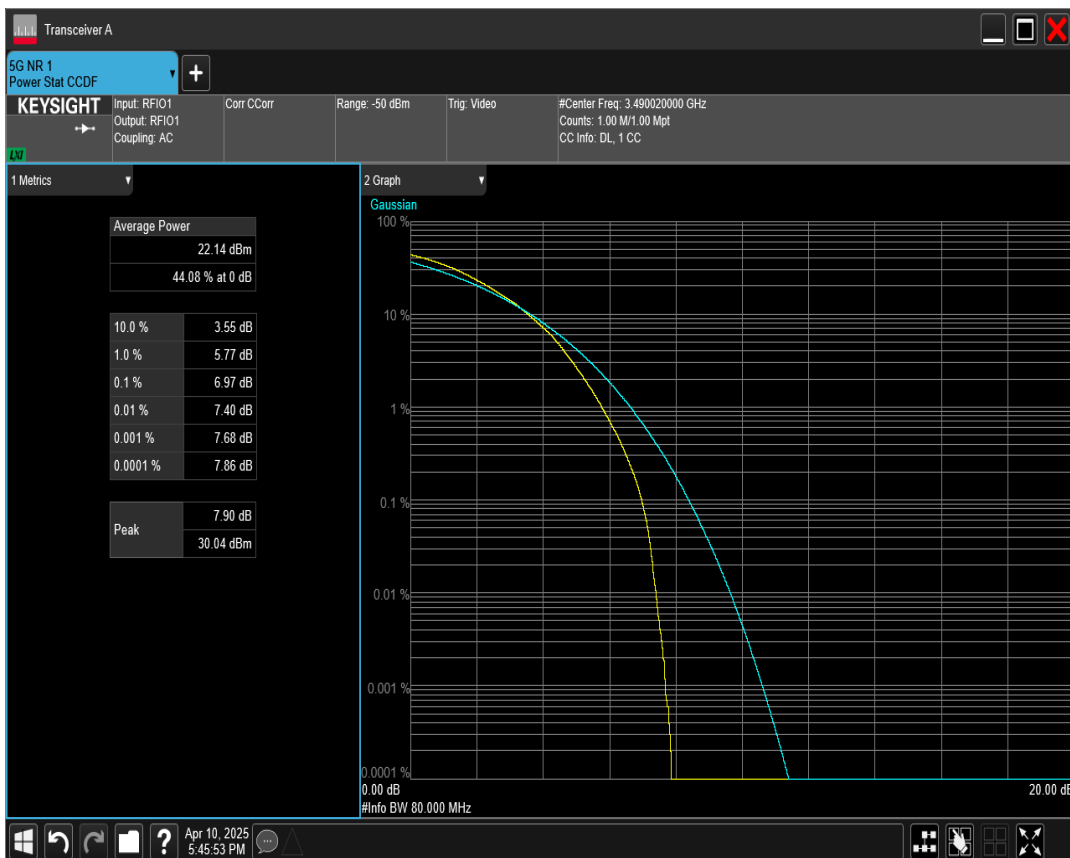
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=632000 RB=162 @0



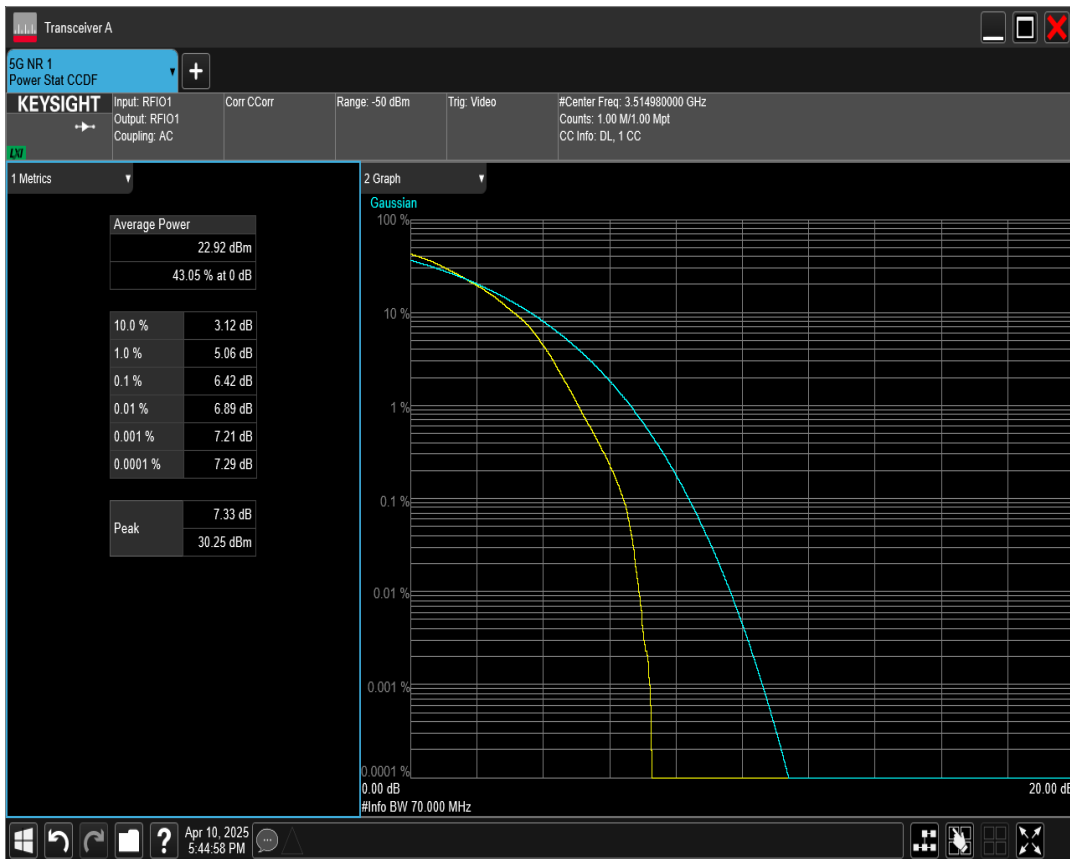
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162 @0



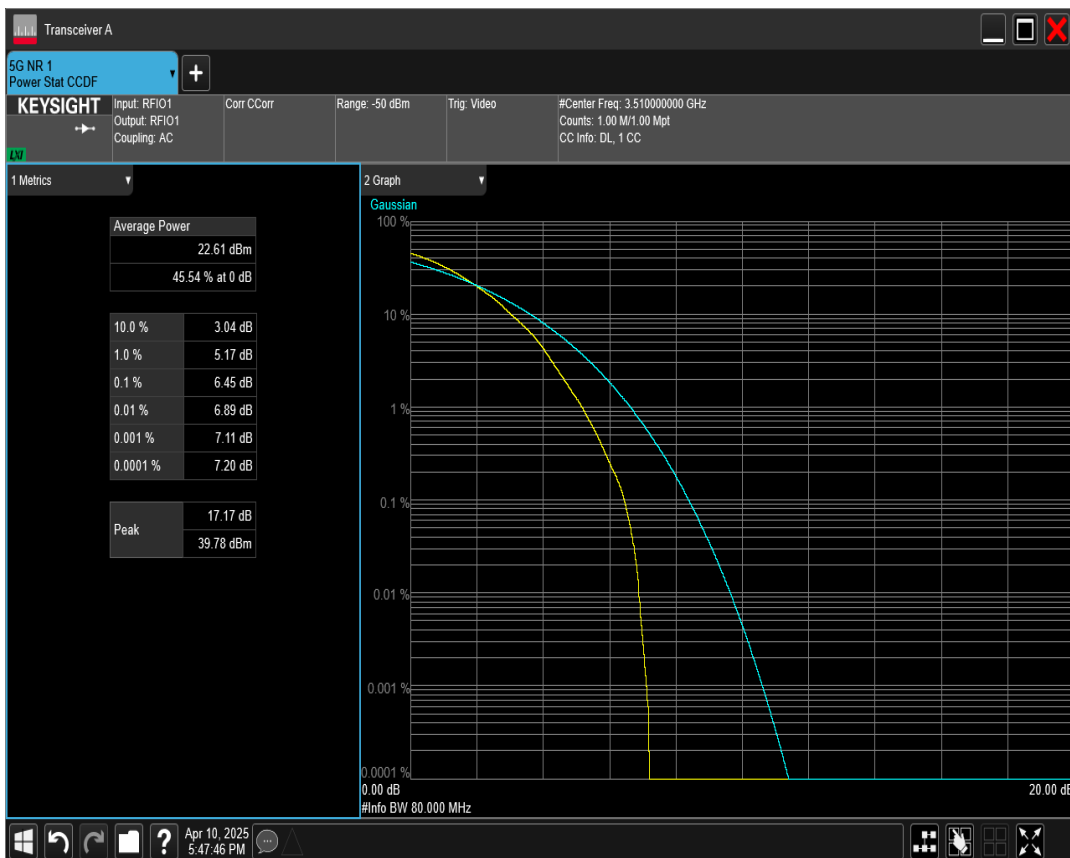
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=632668 RB=216@0



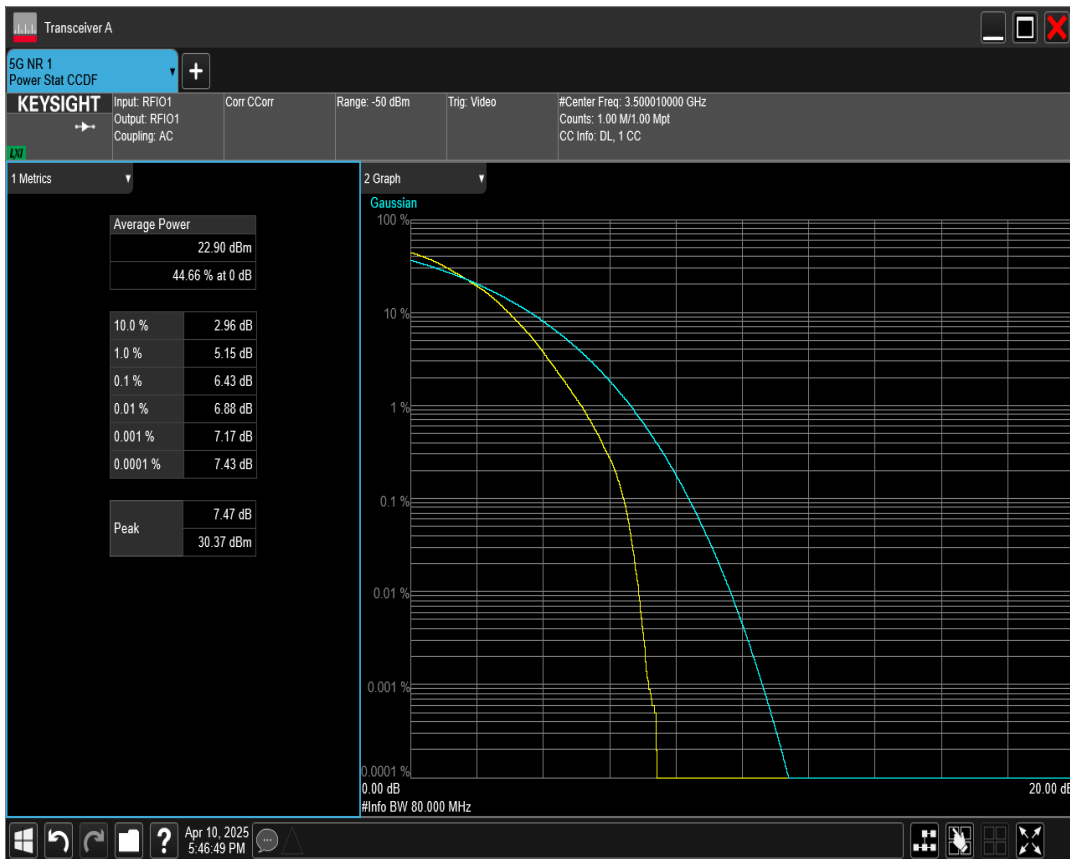
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=634332 RB=180@0



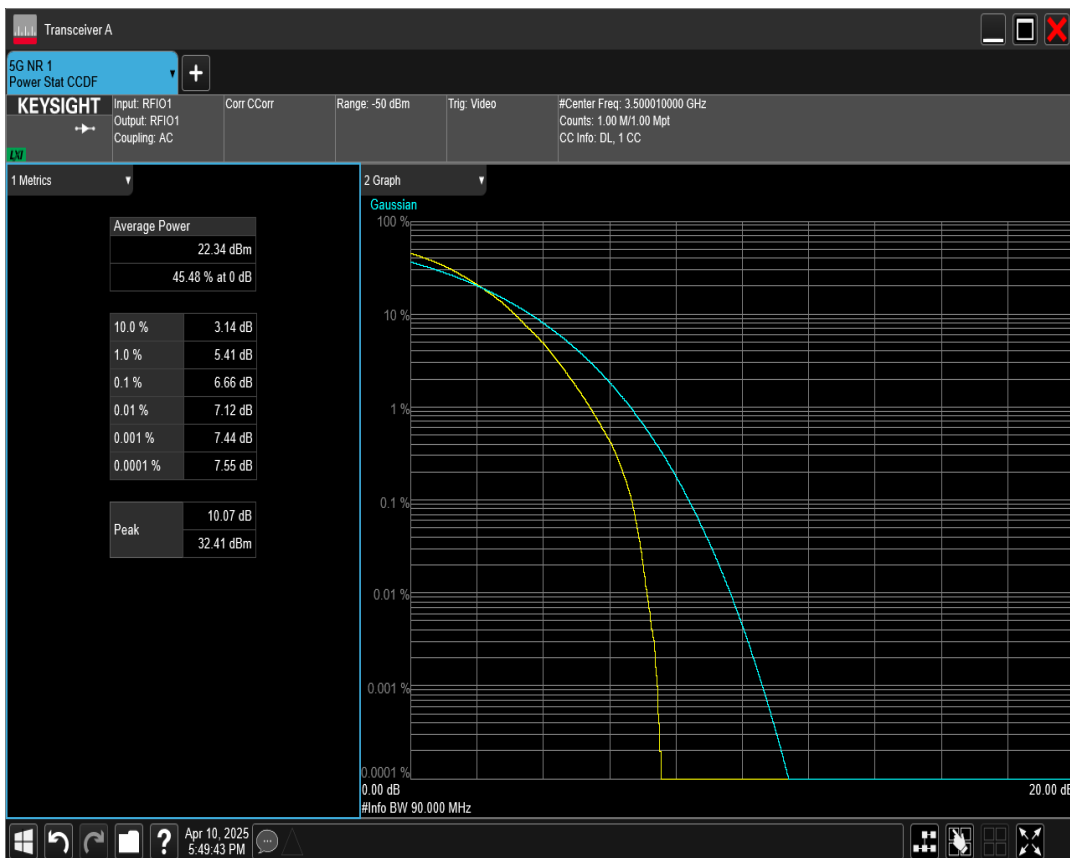
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=634000 RB=216@0



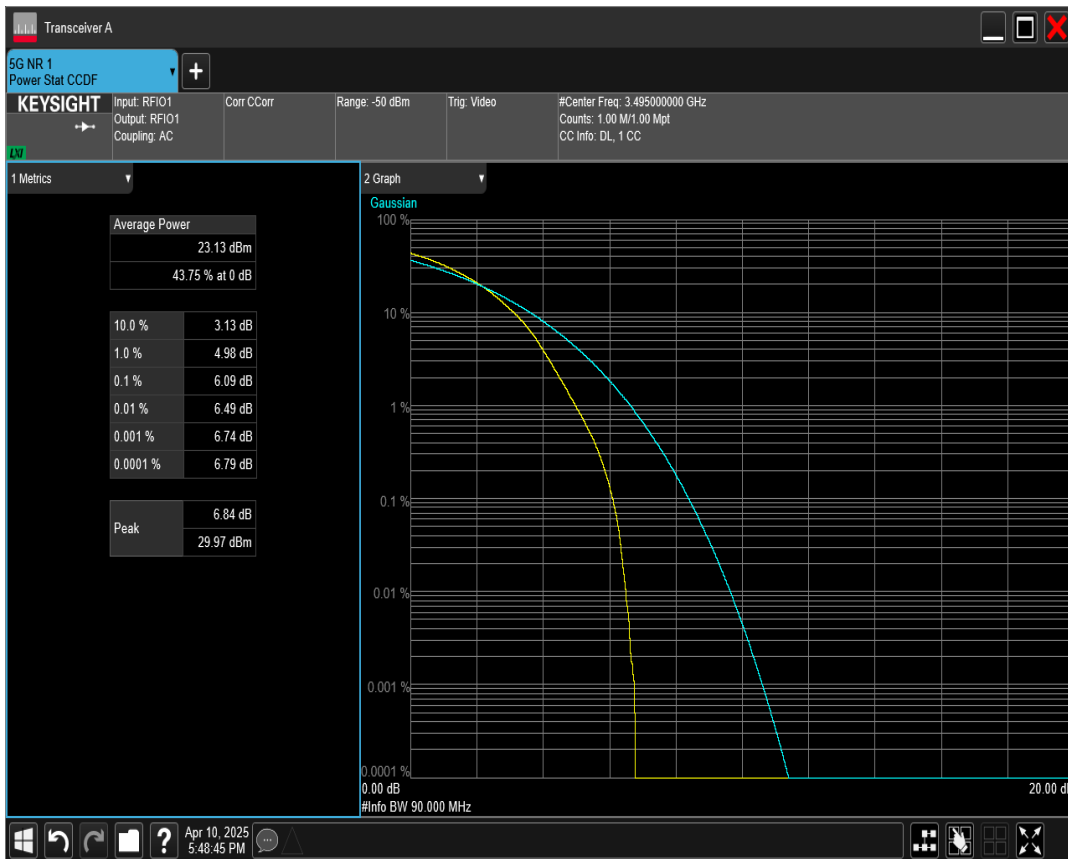
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



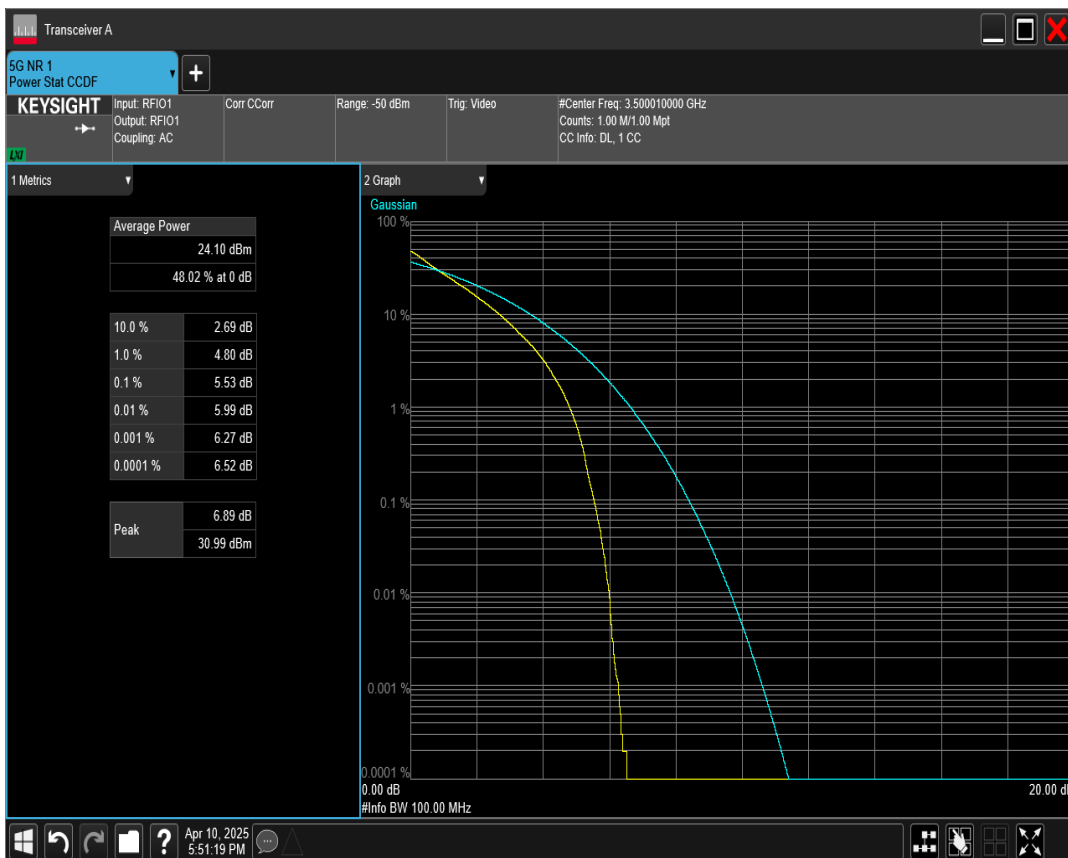
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



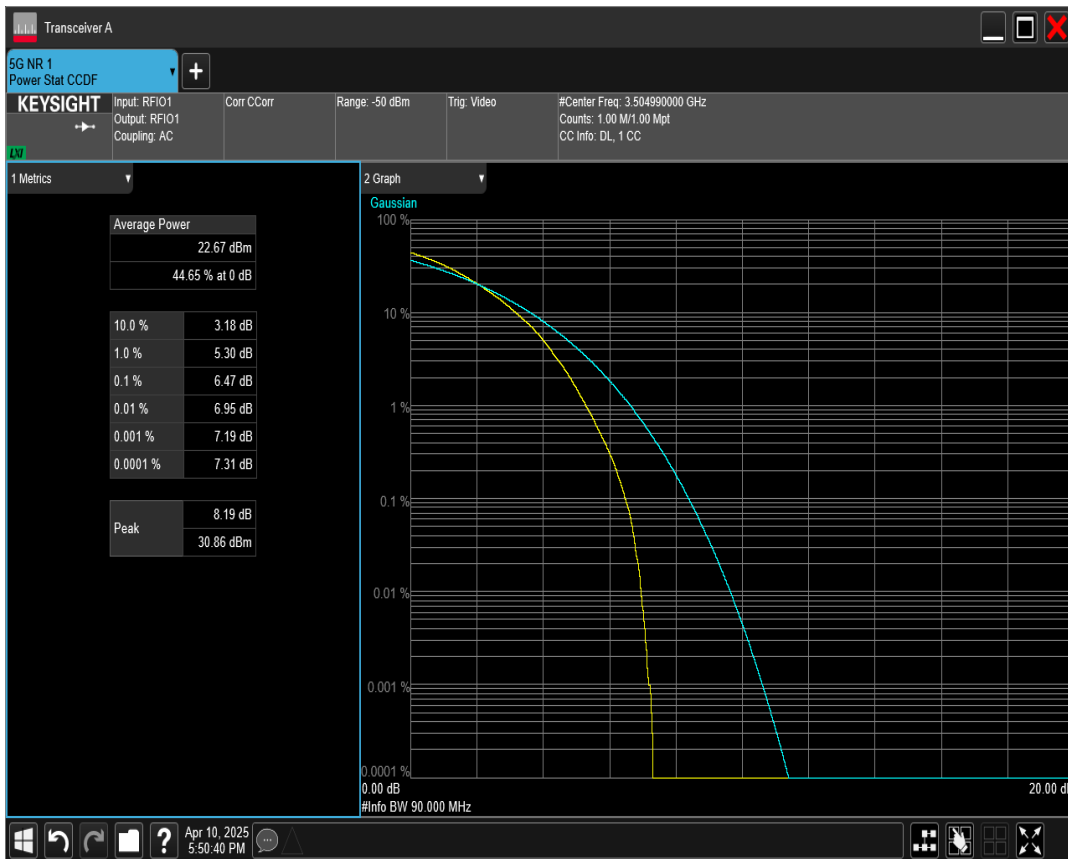
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633000 RB=240@0



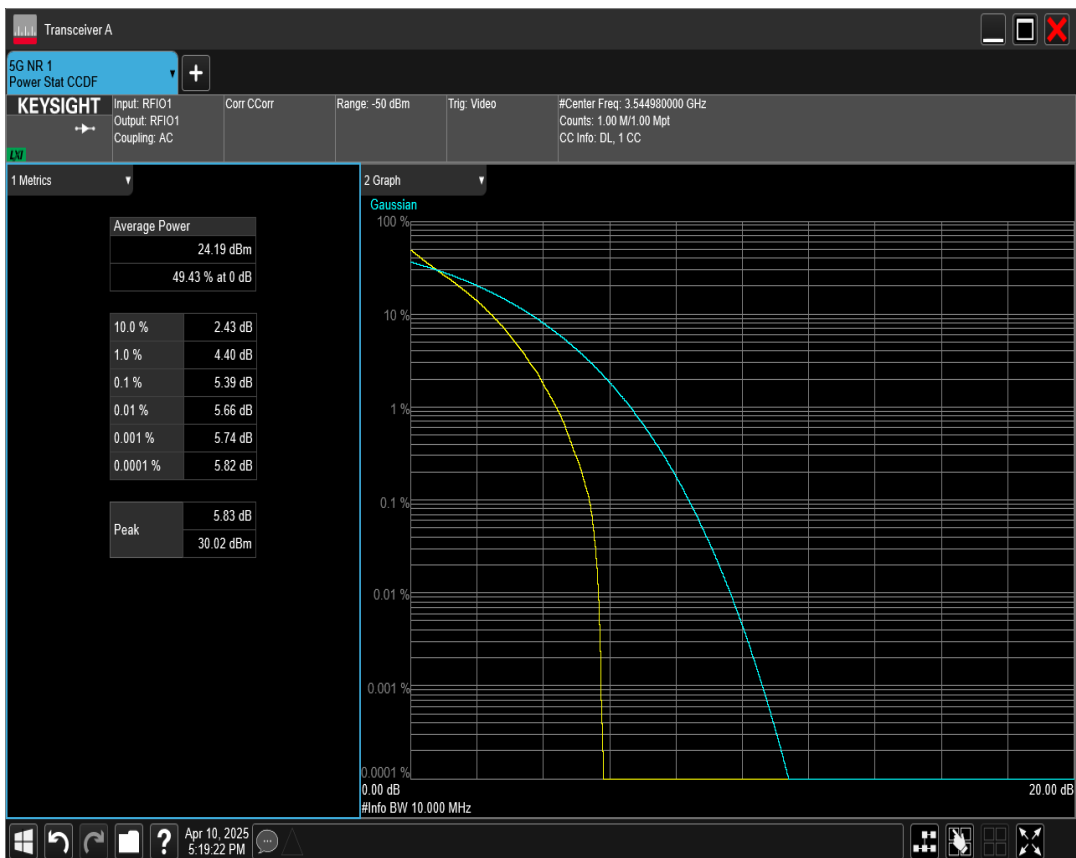
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



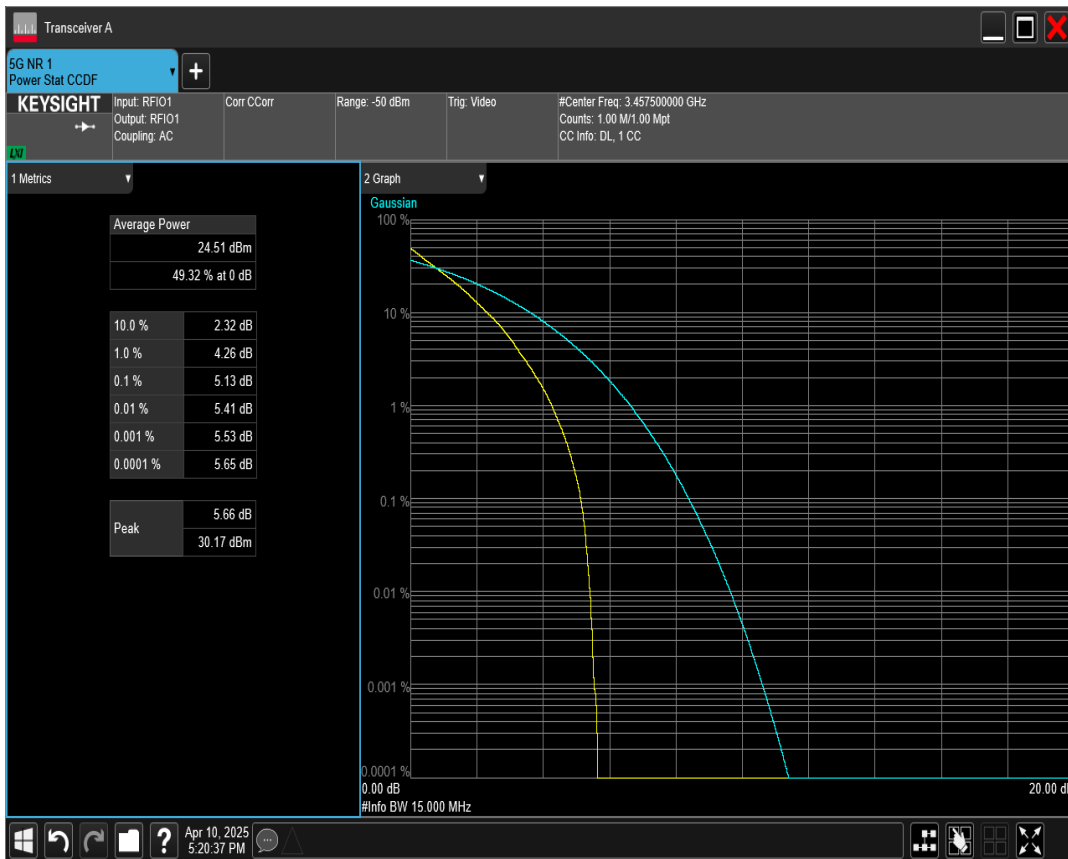
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633666 RB=240@0



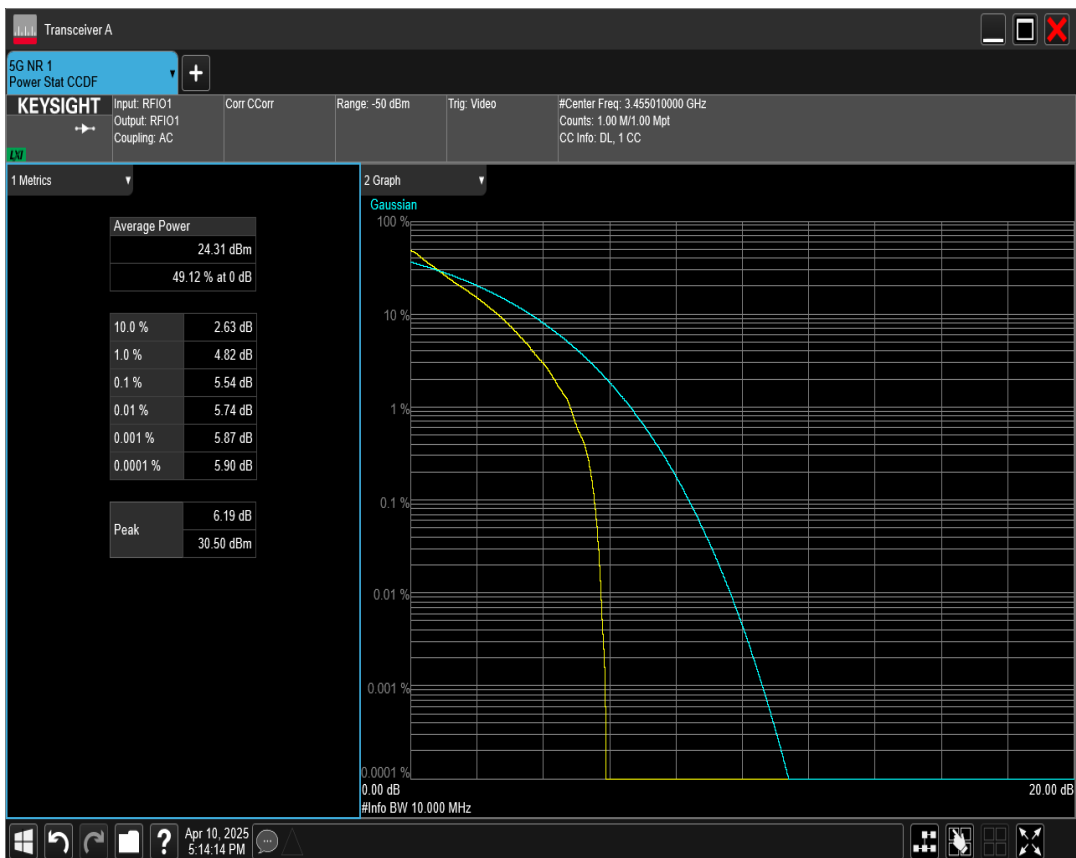
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24 @0



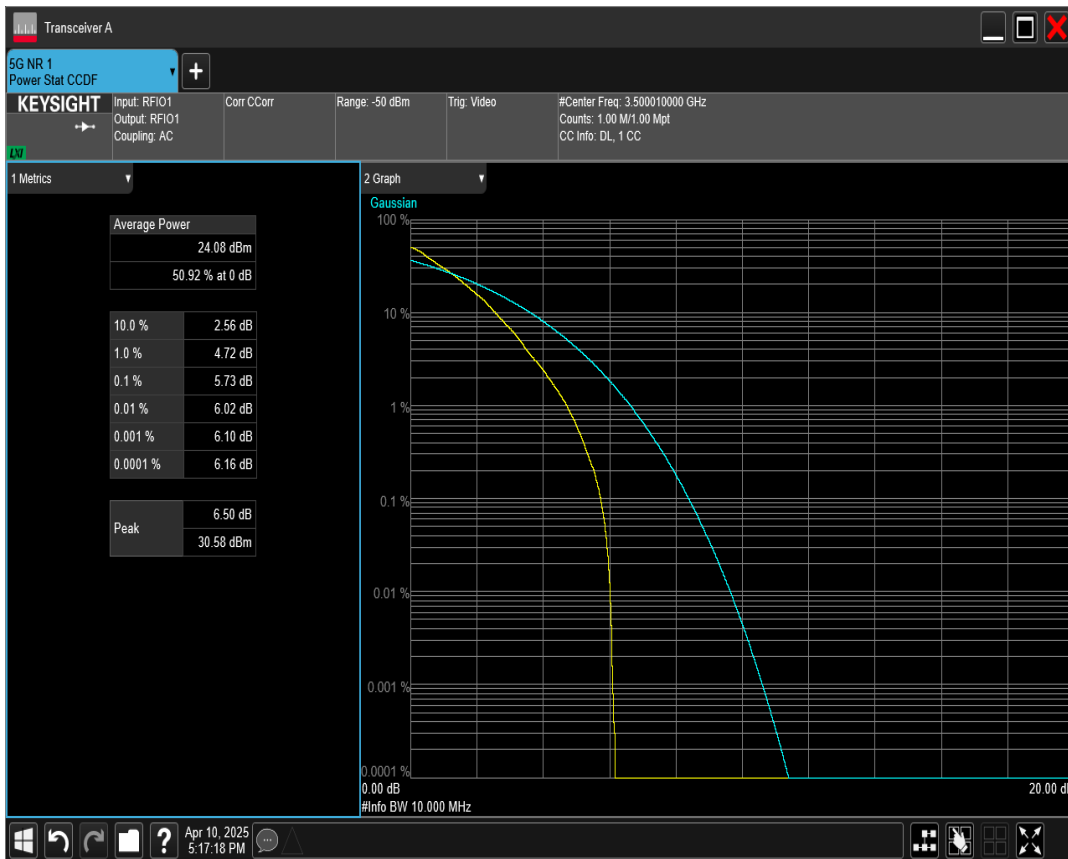
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=36 @0



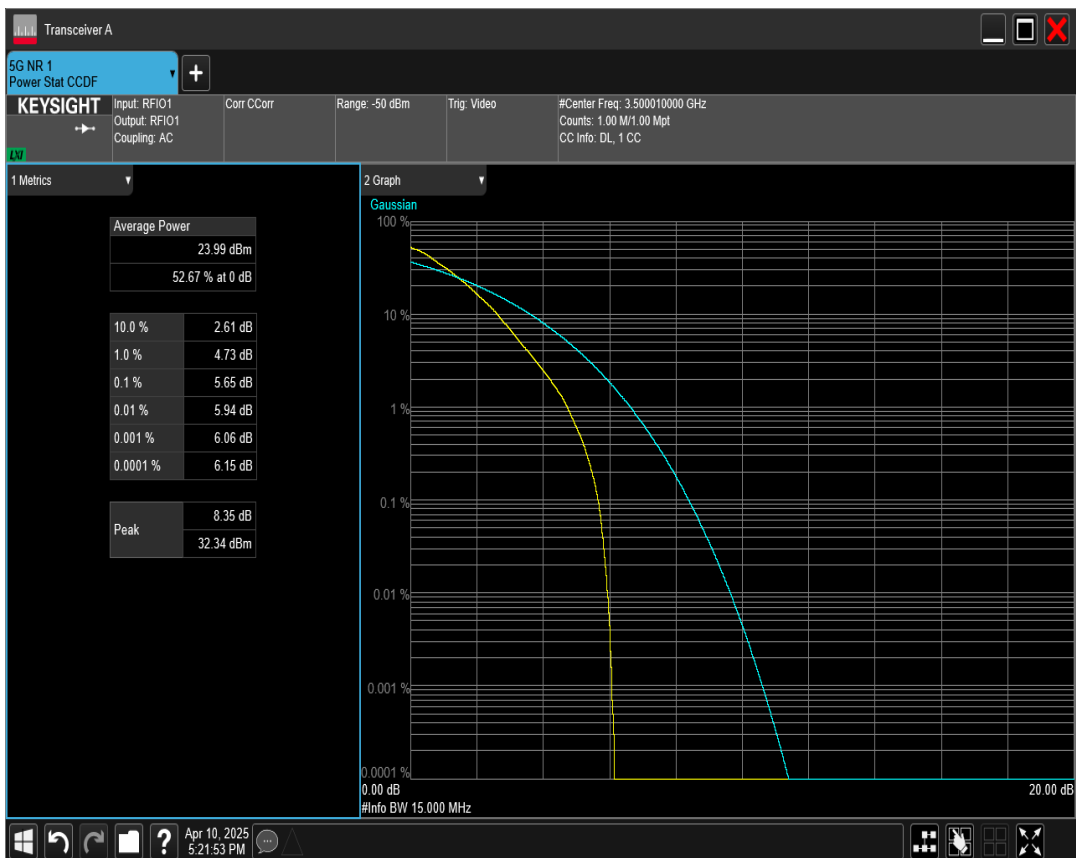
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24 @0



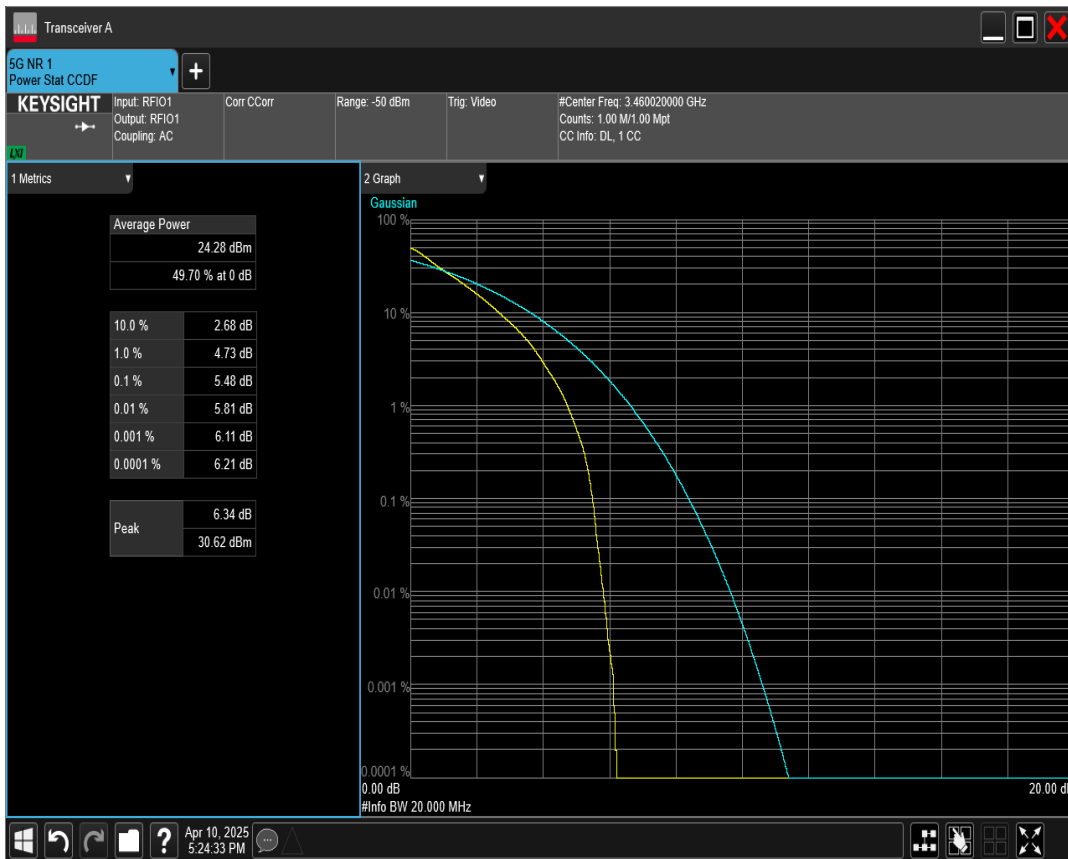
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24 @0



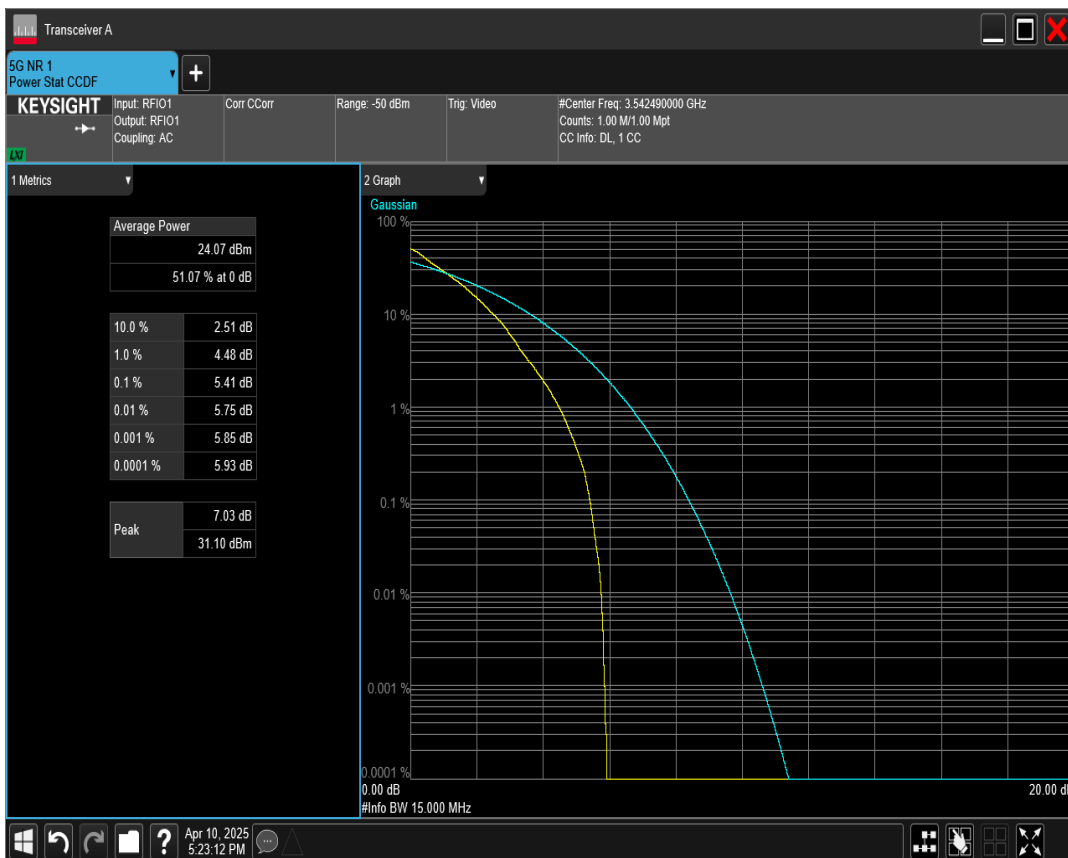
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36 @0



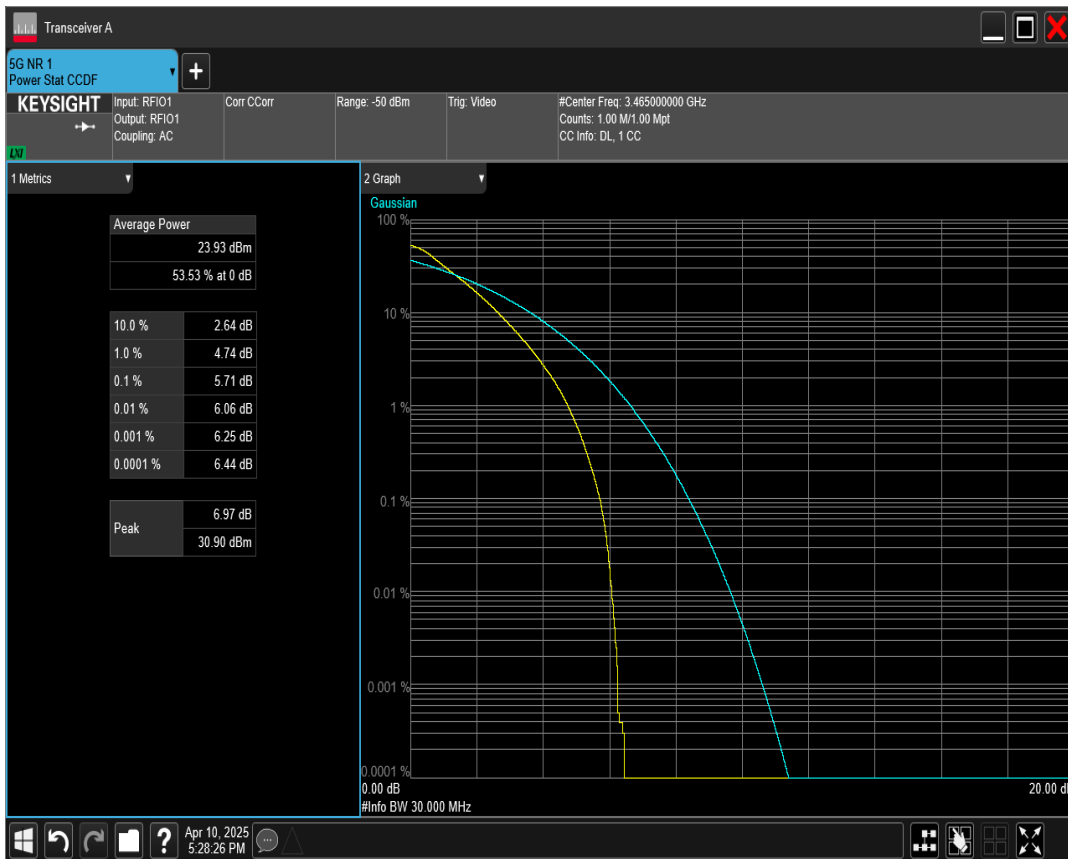
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=50 @0



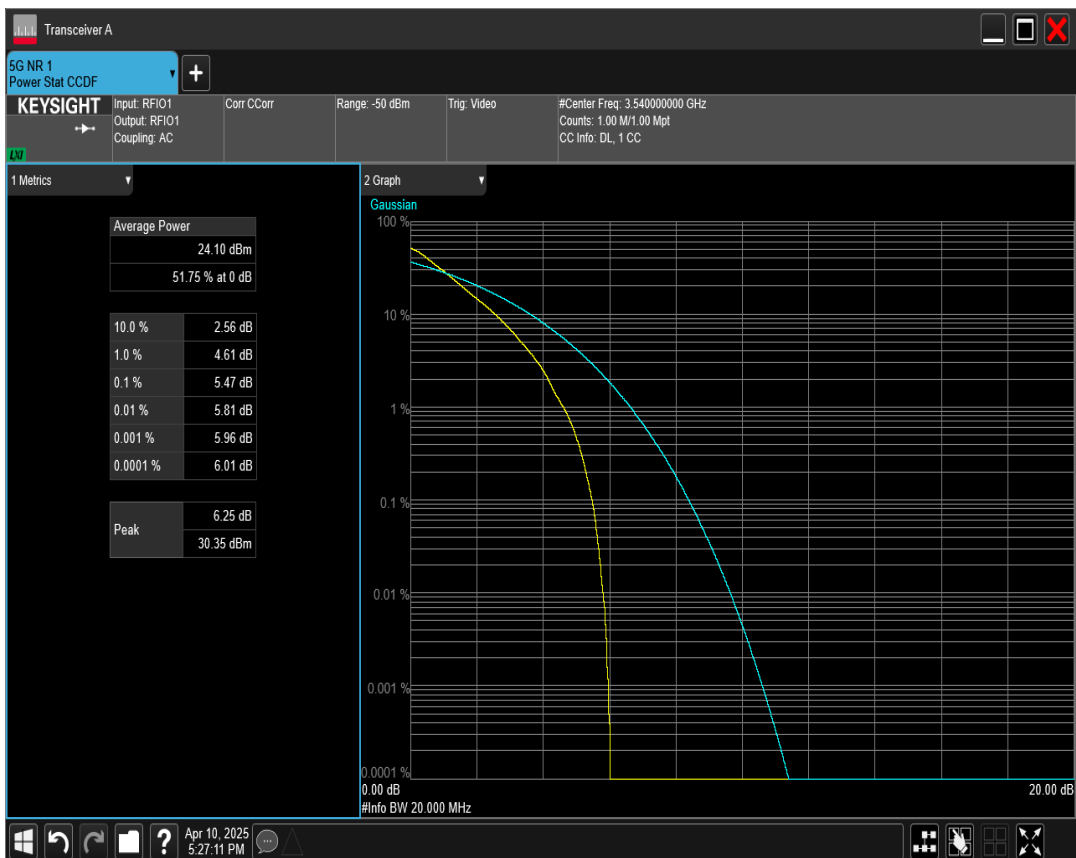
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=36 @0



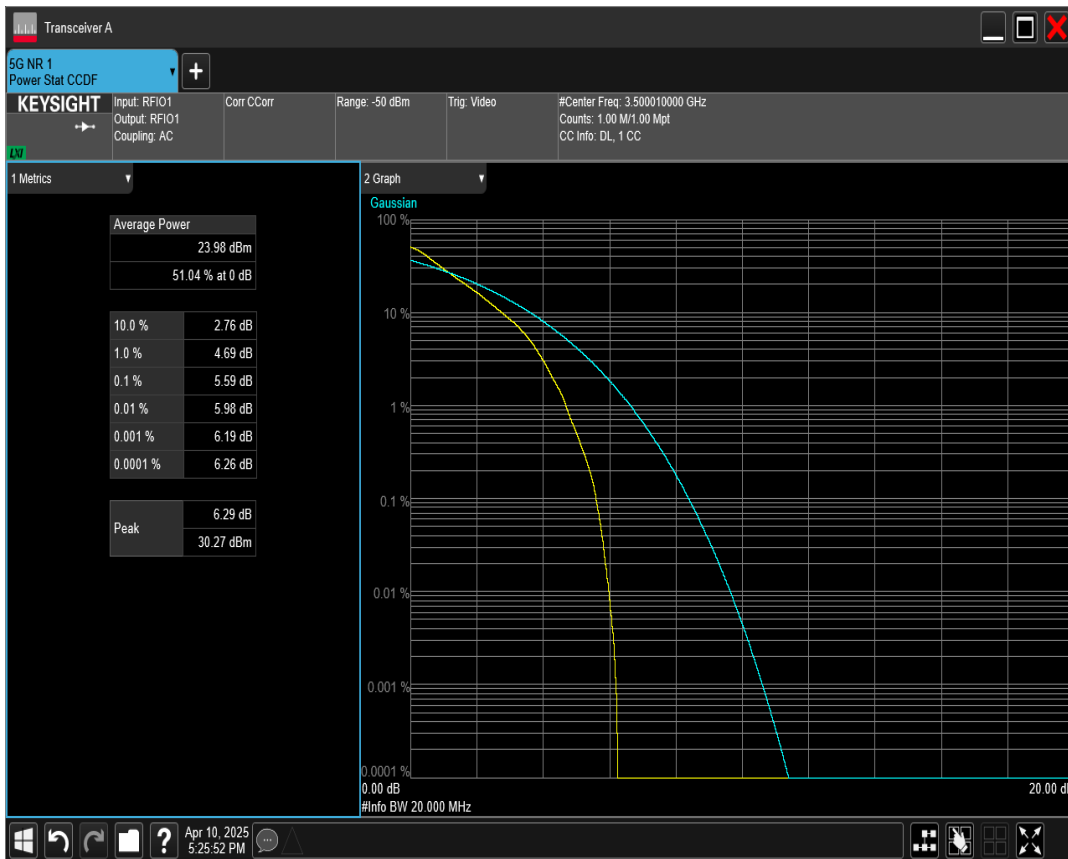
n78(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=631000 RB=75 @0



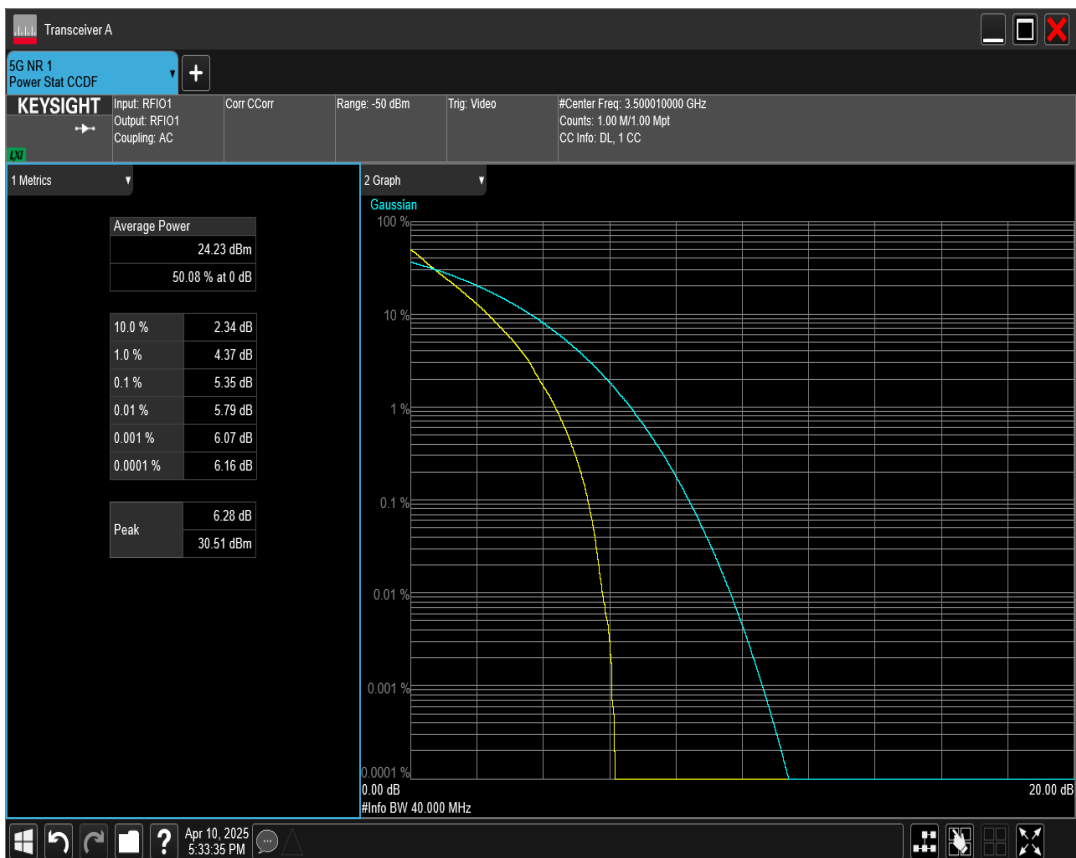
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=50 @0



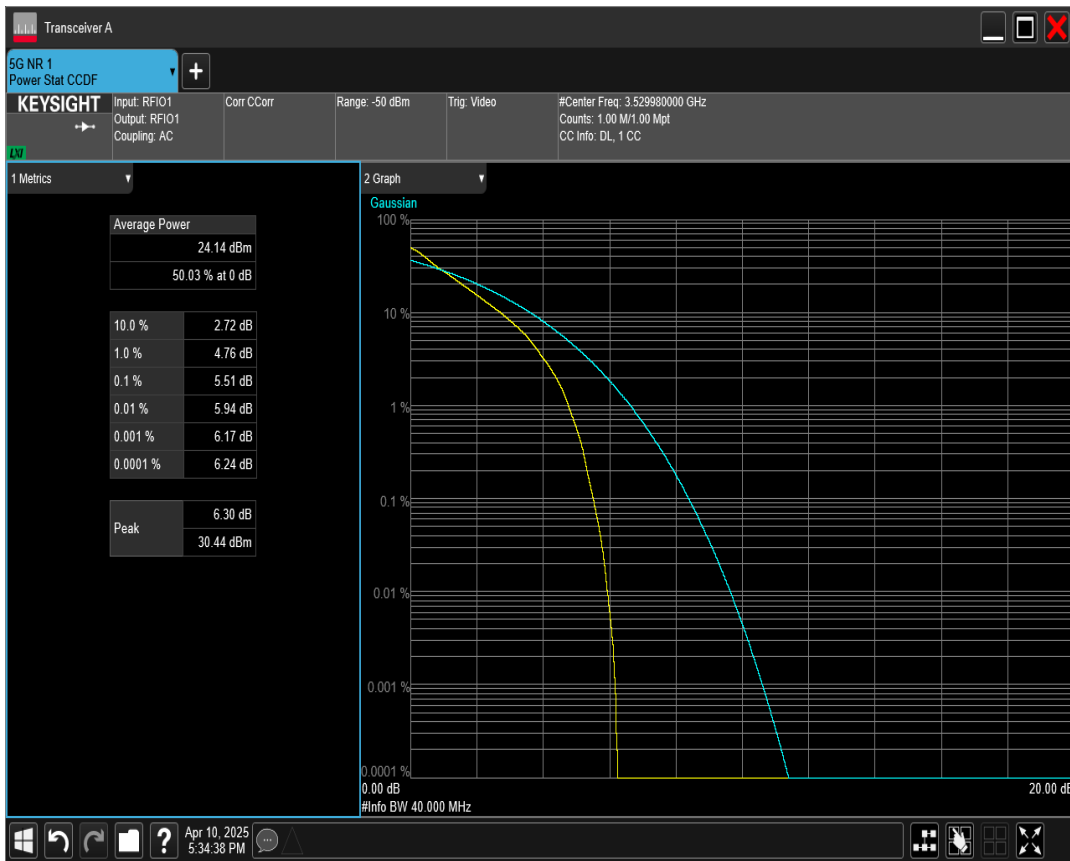
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50 @0



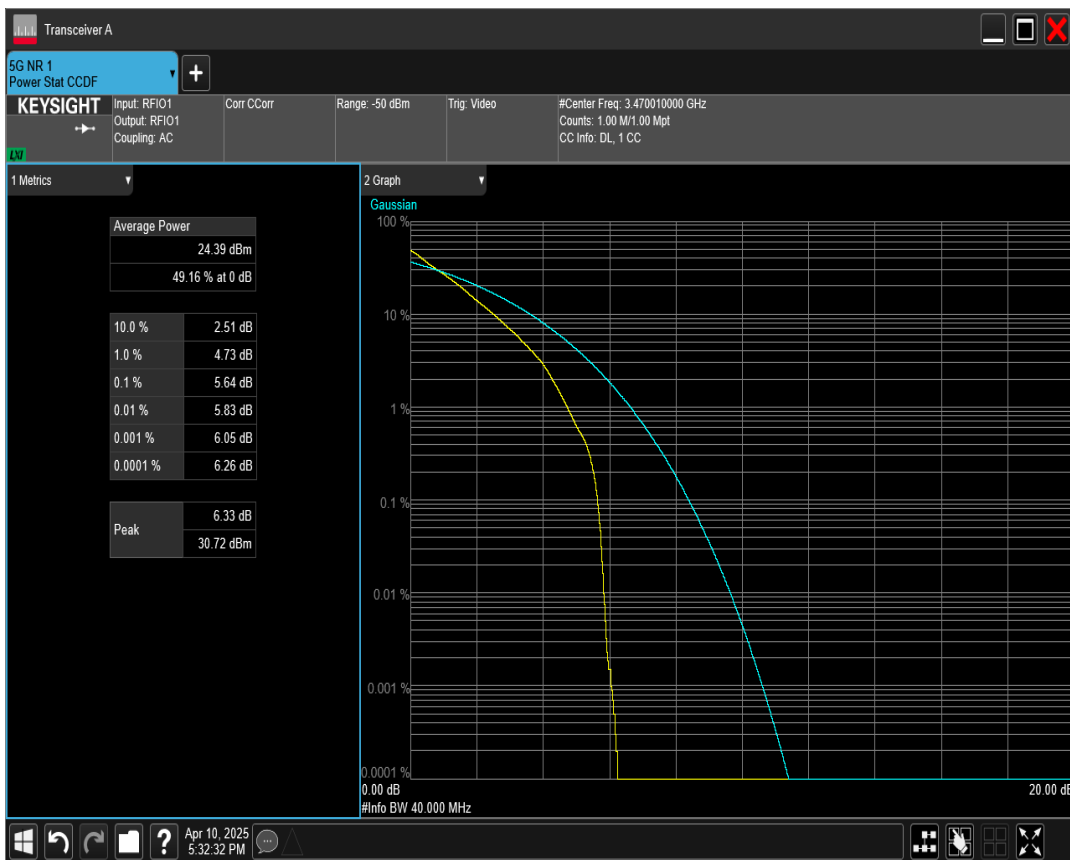
n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



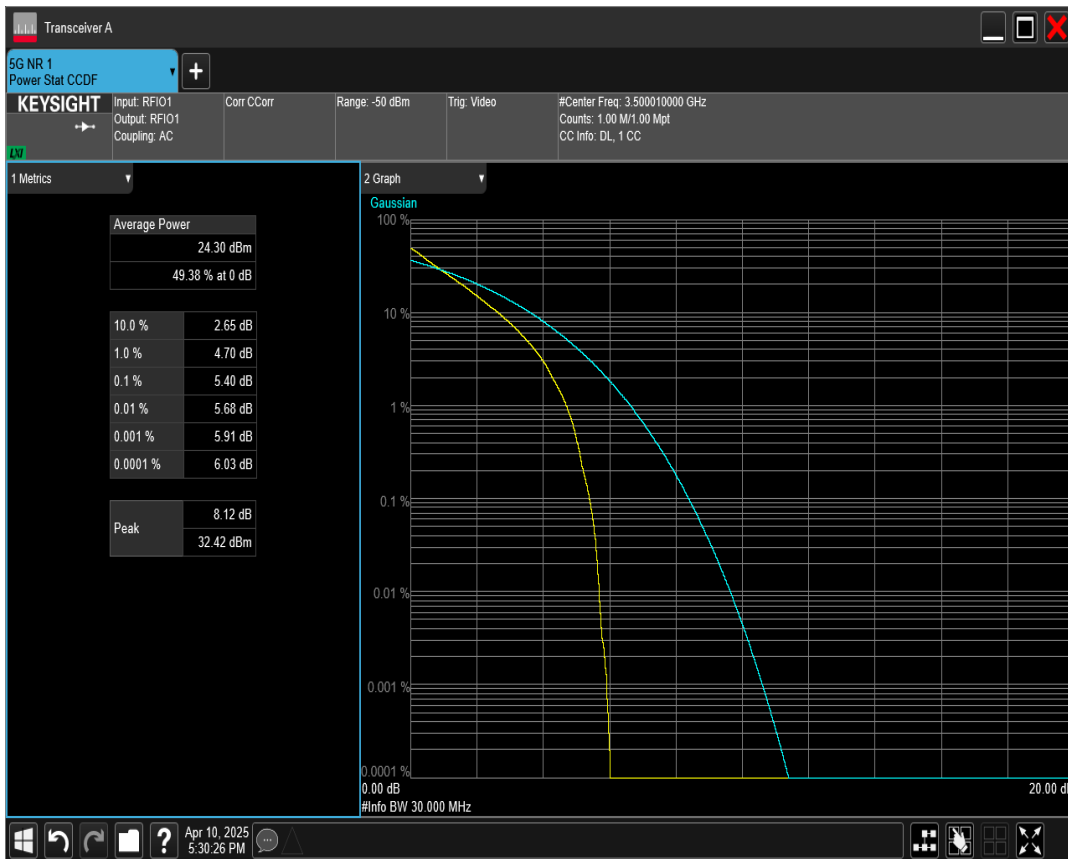
n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=635332 RB=100@0



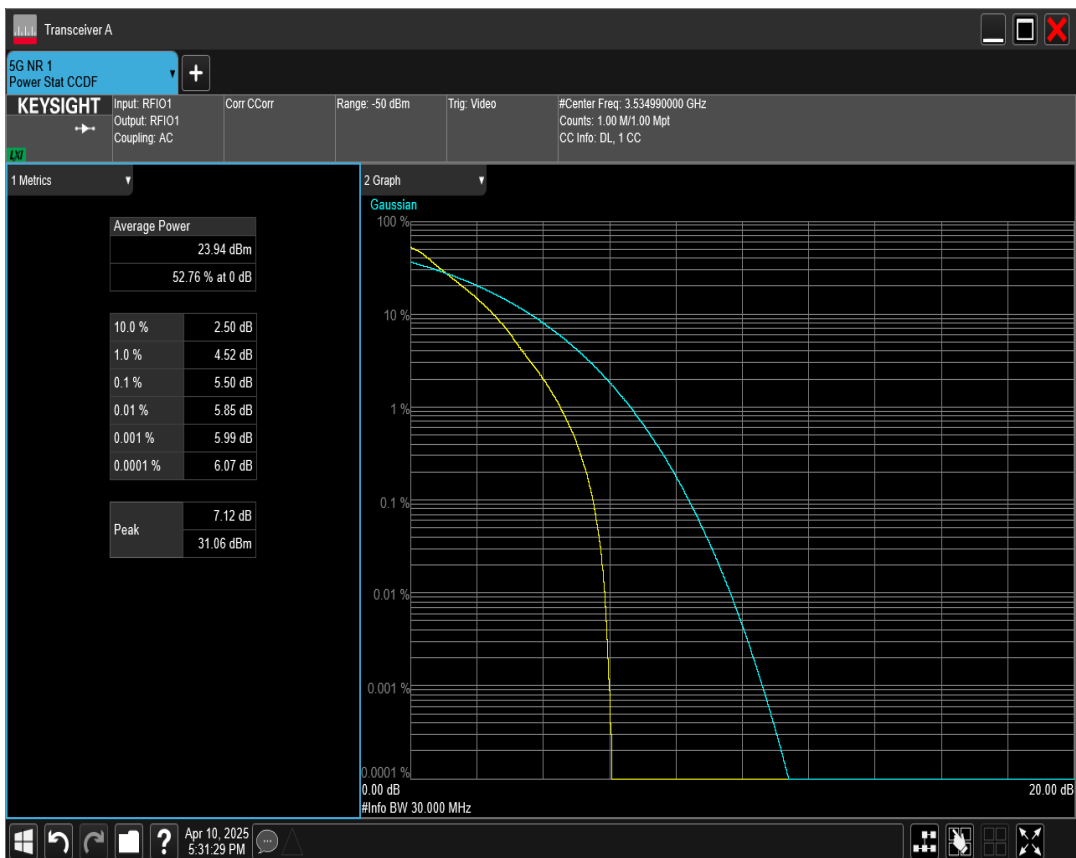
n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=631334 RB=100@0



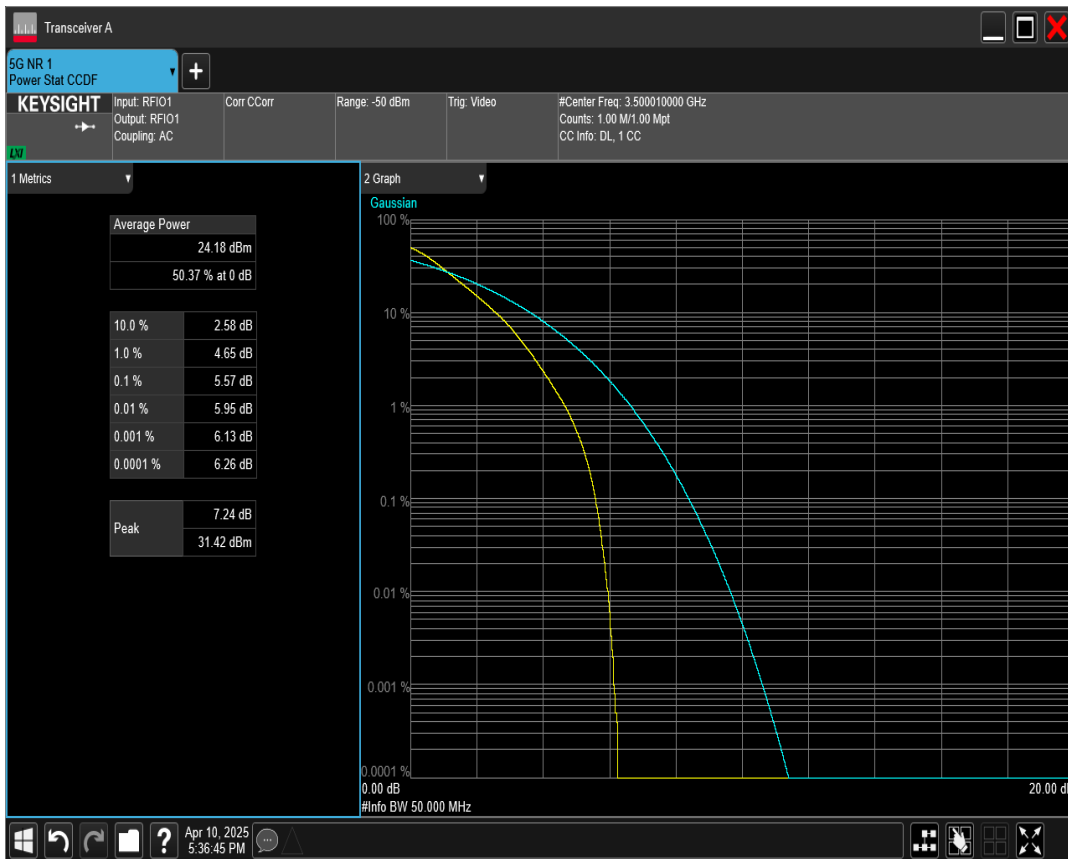
n78(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=635666 RB=75 @0



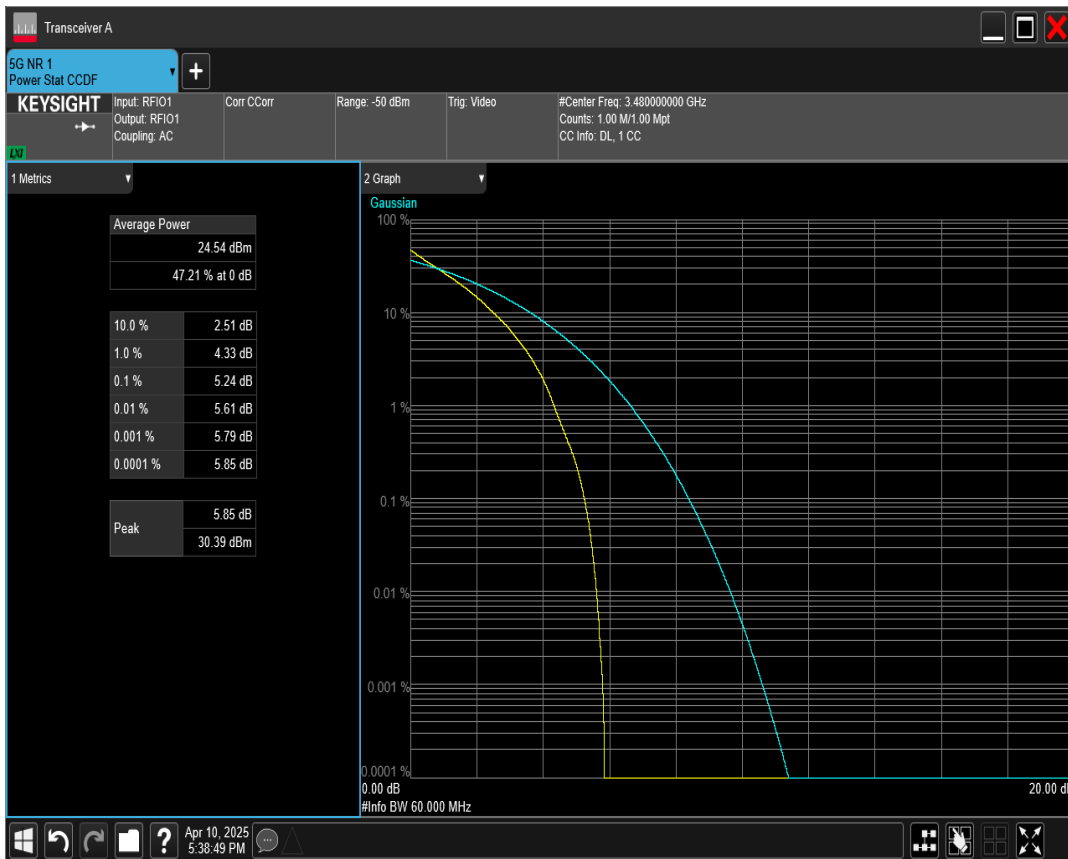
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128 @0



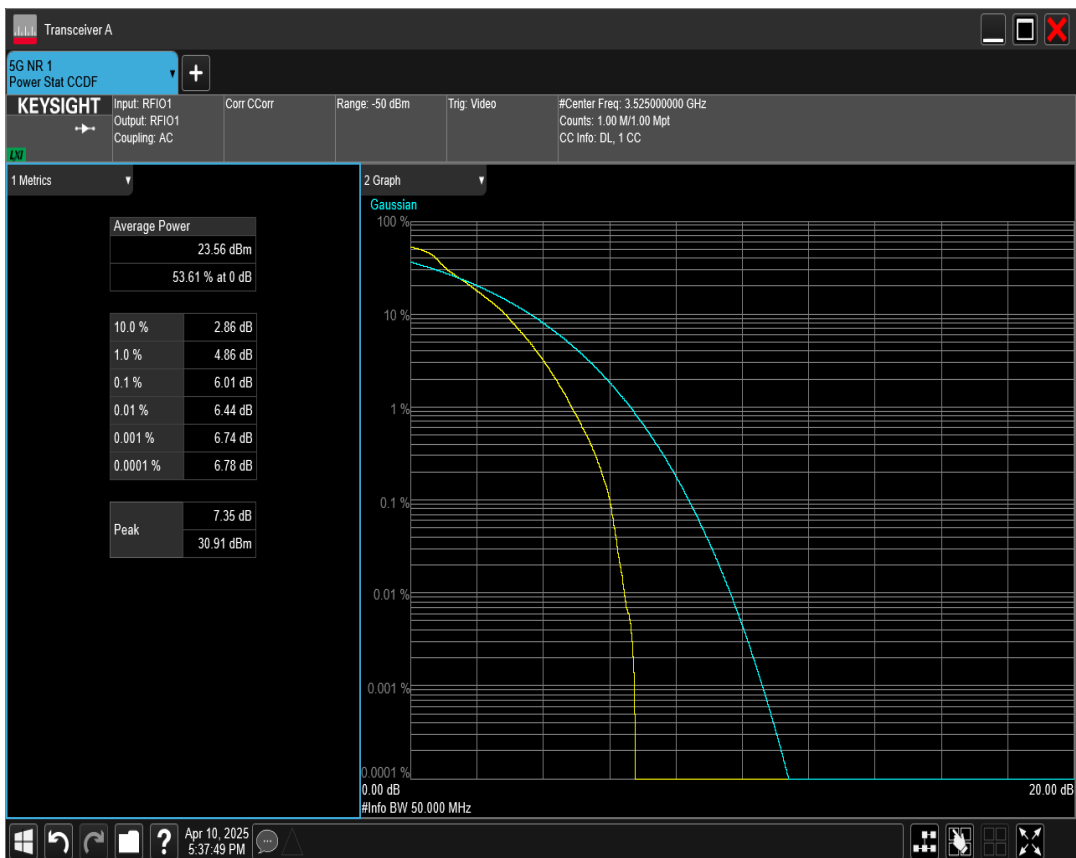
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=631668 RB=128@0



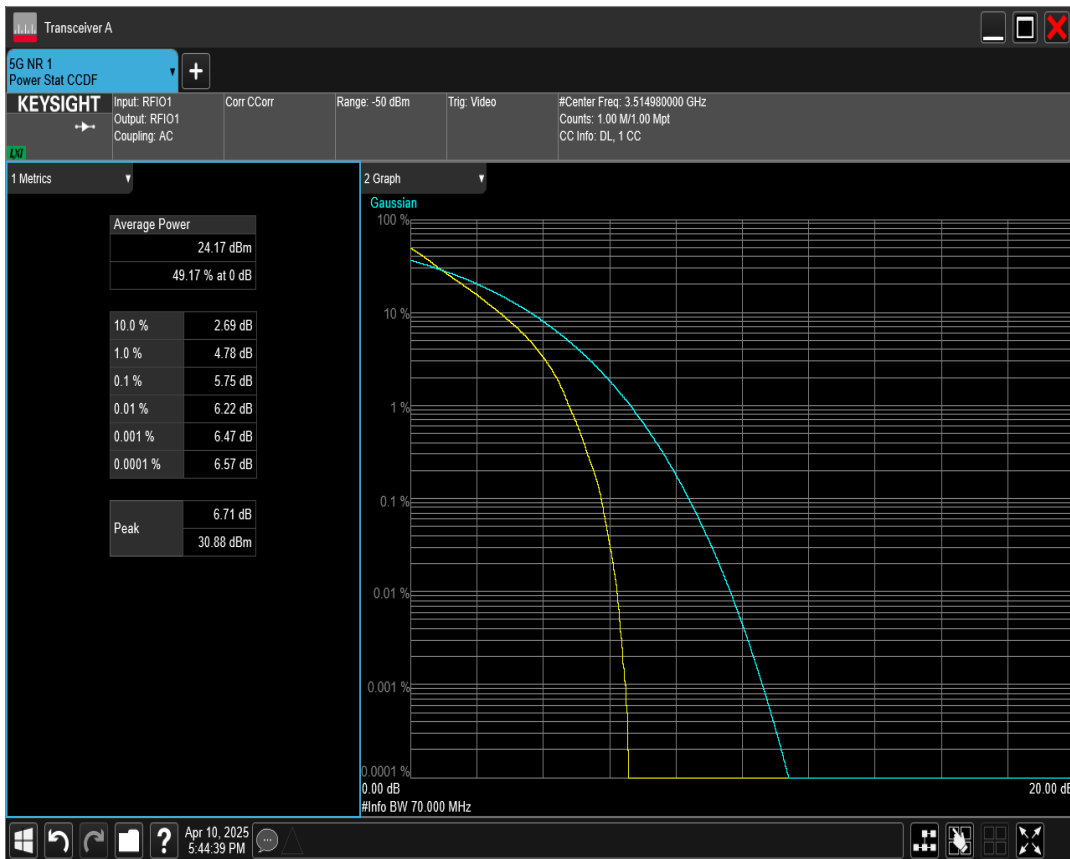
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=632000 RB=162@0



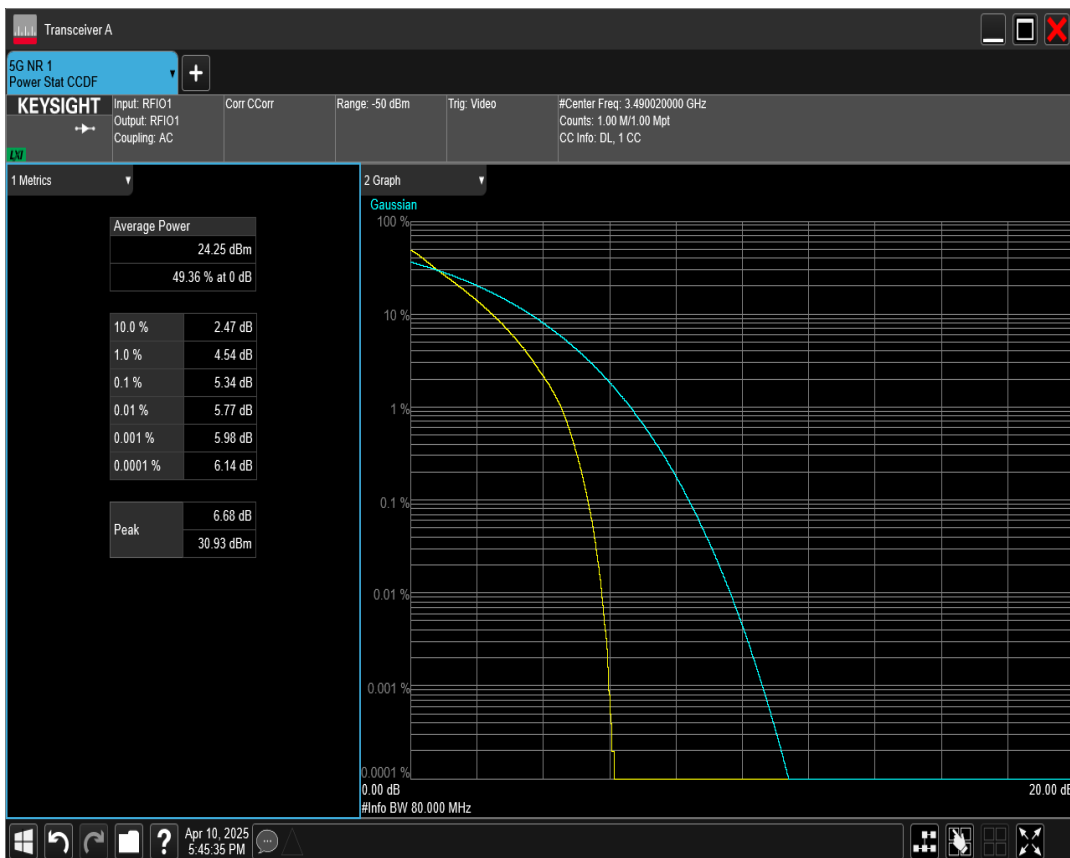
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=635000 RB=128@0



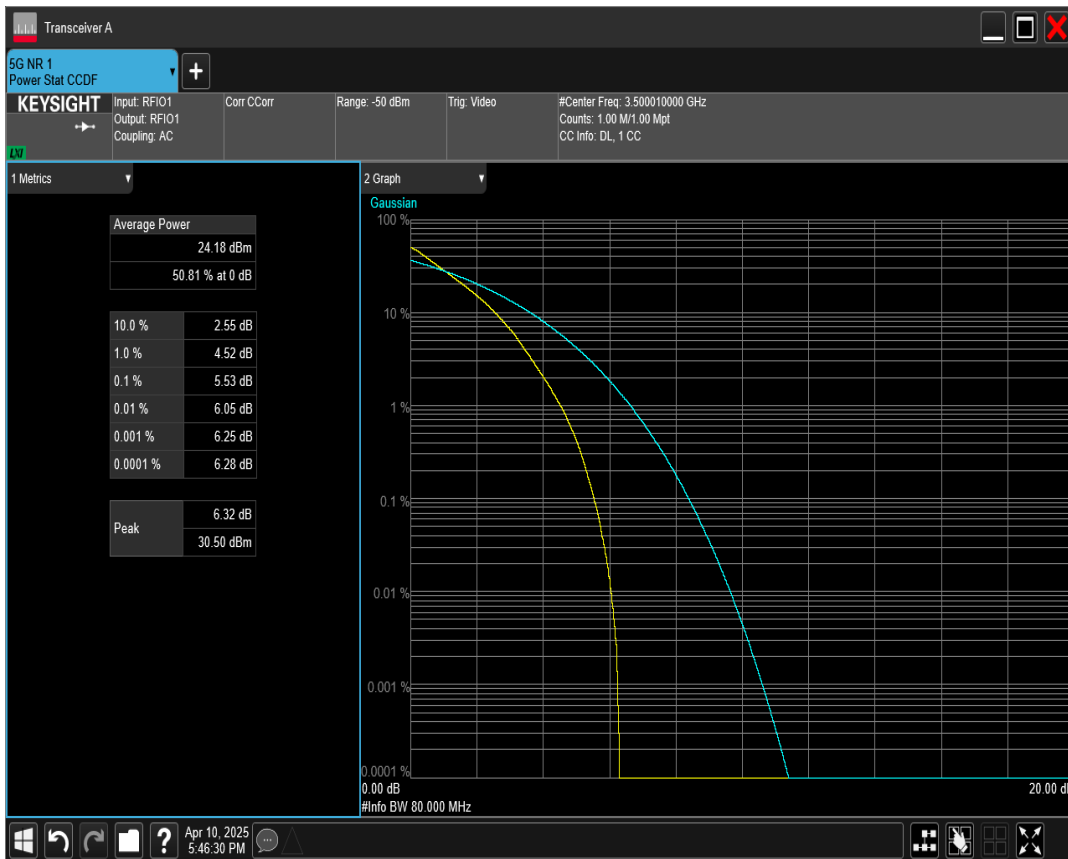
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=180@0



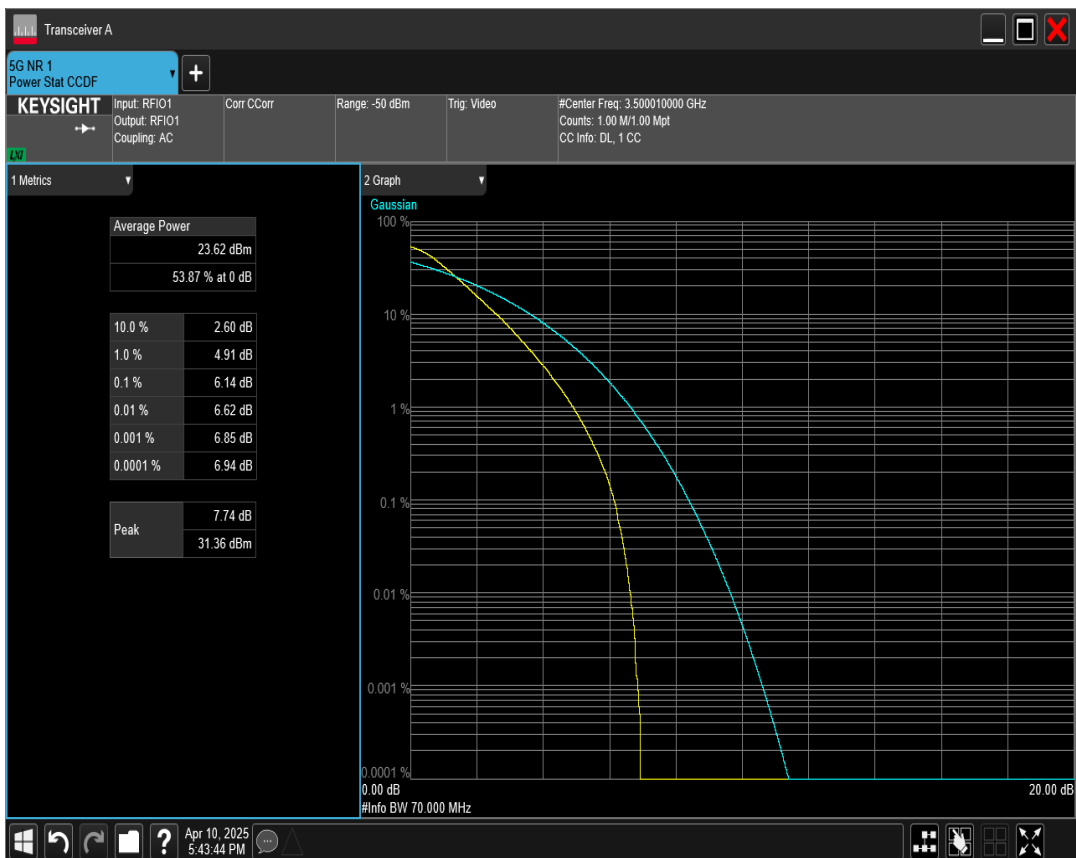
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=632668 RB=216@0



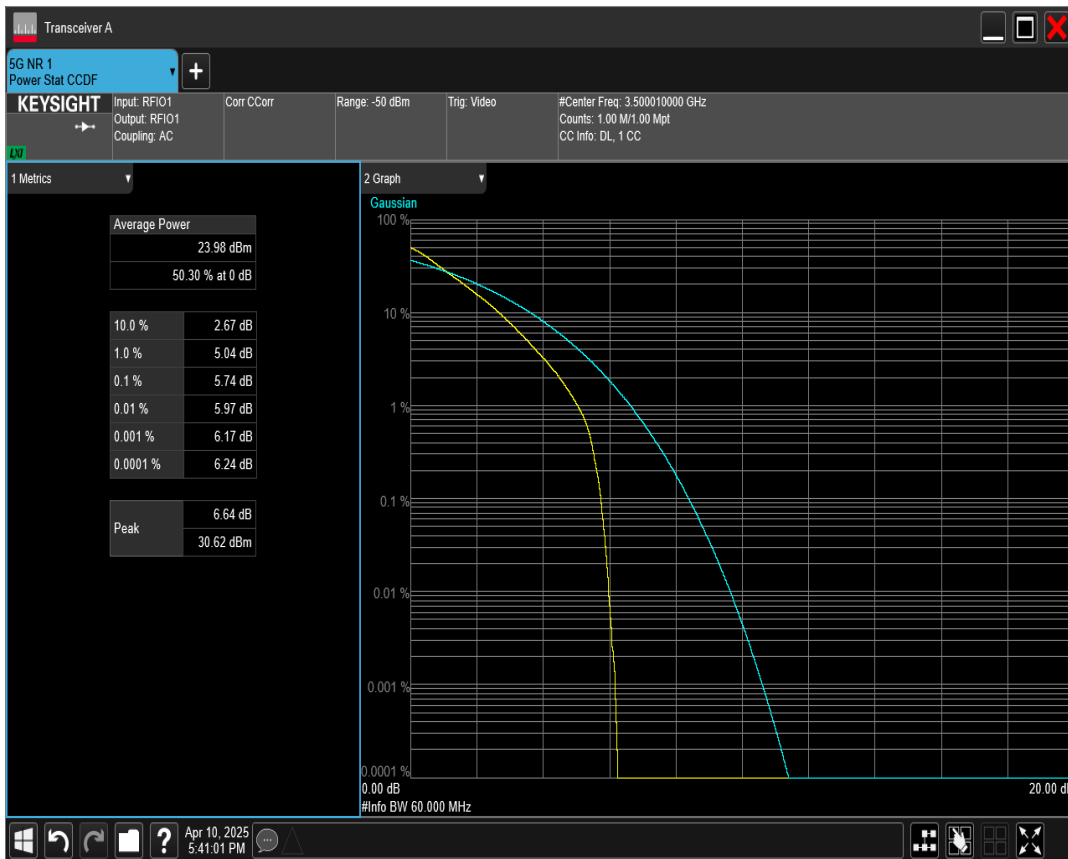
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



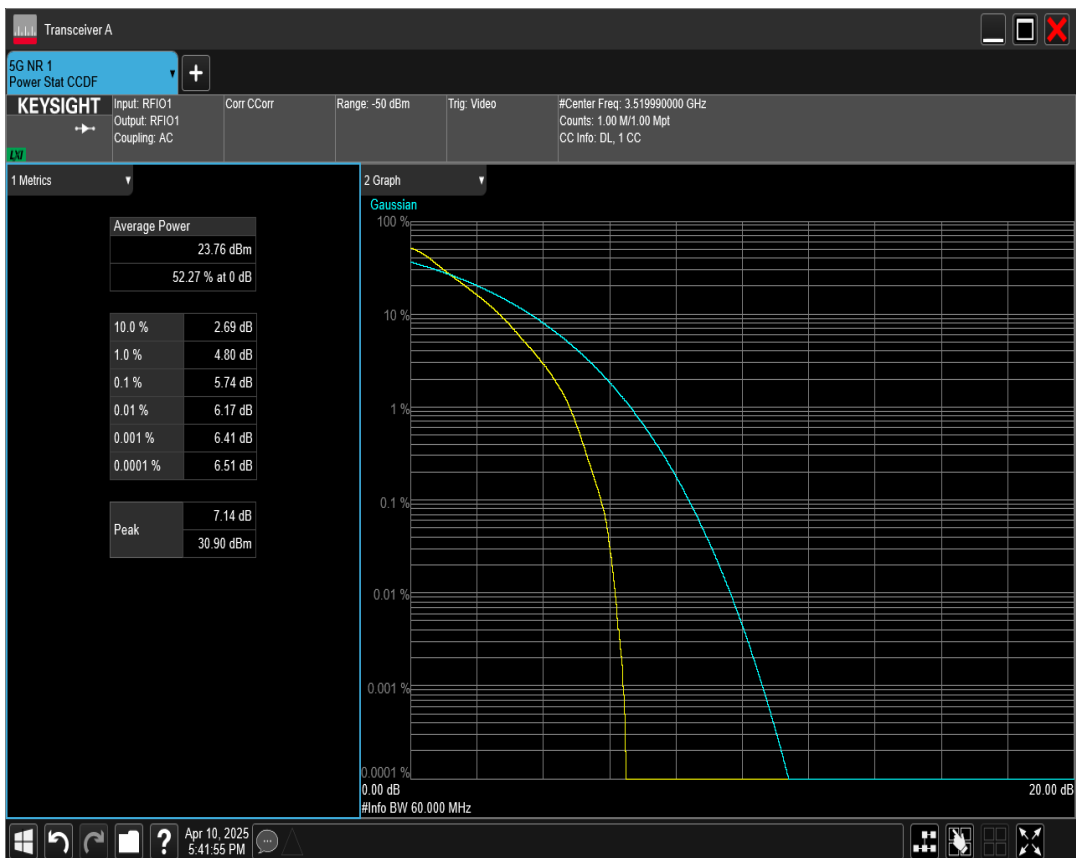
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=180@0



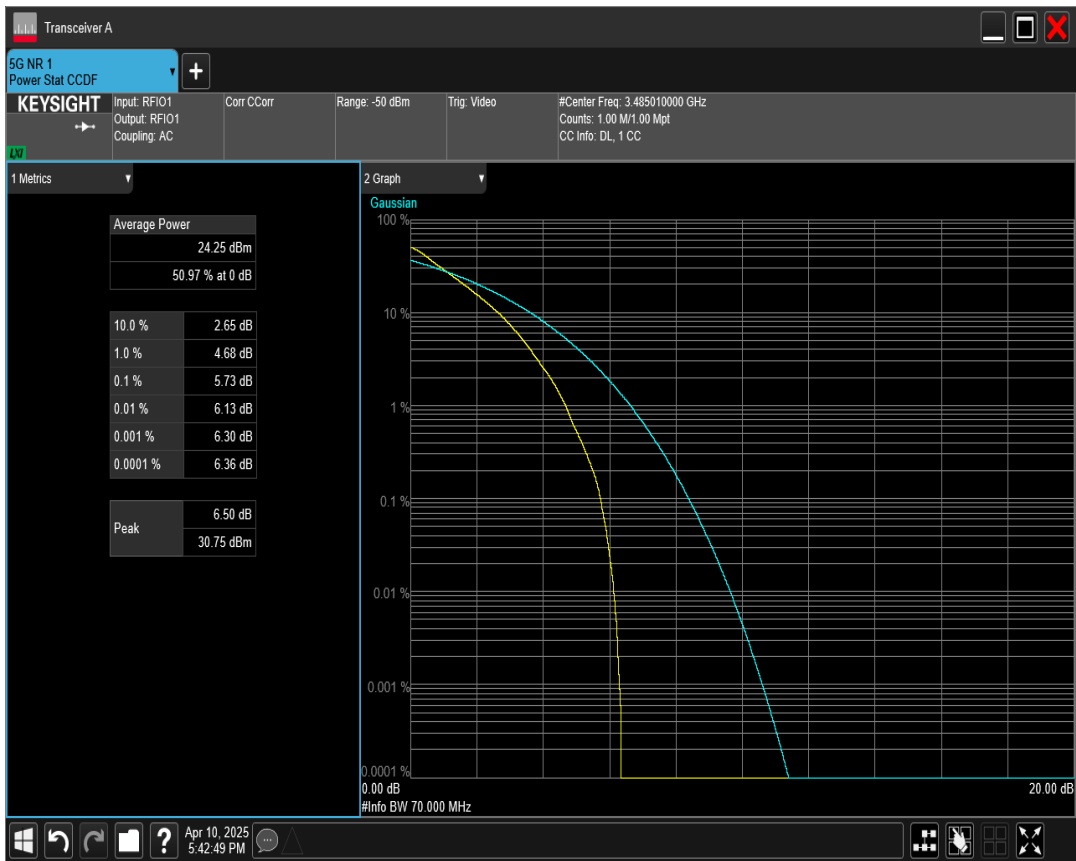
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



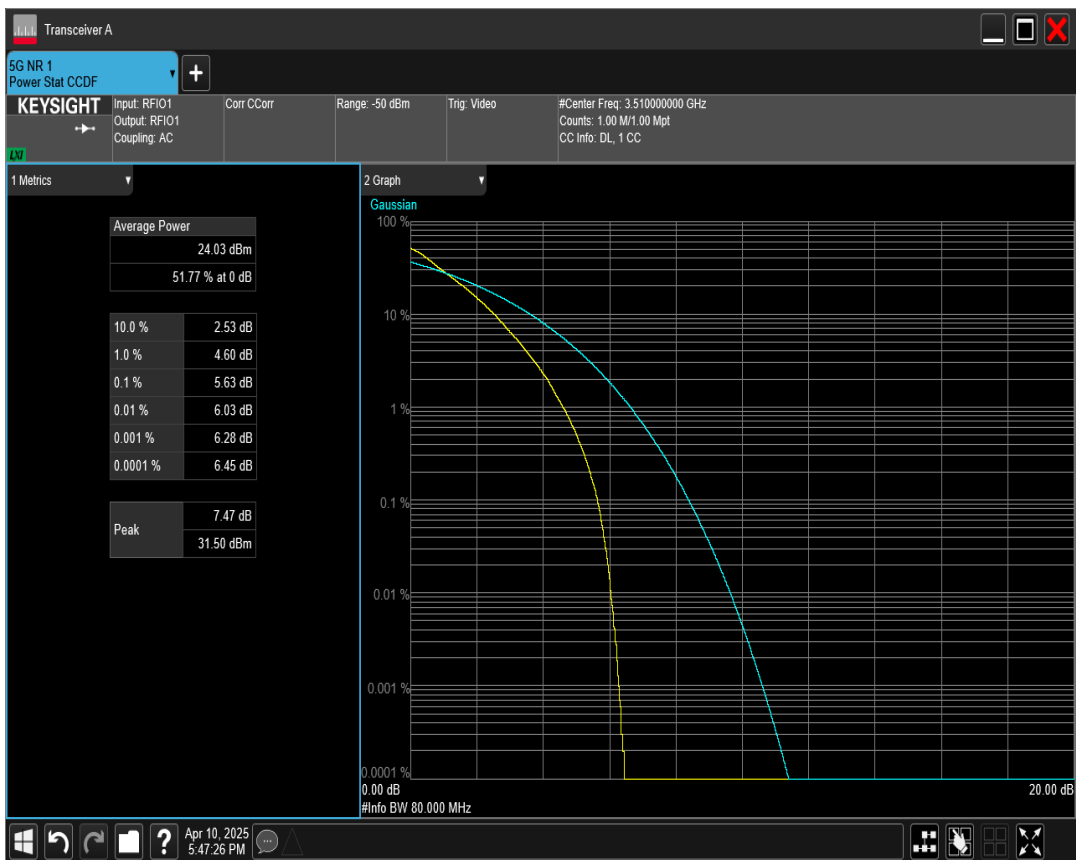
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=634666 RB=162@0



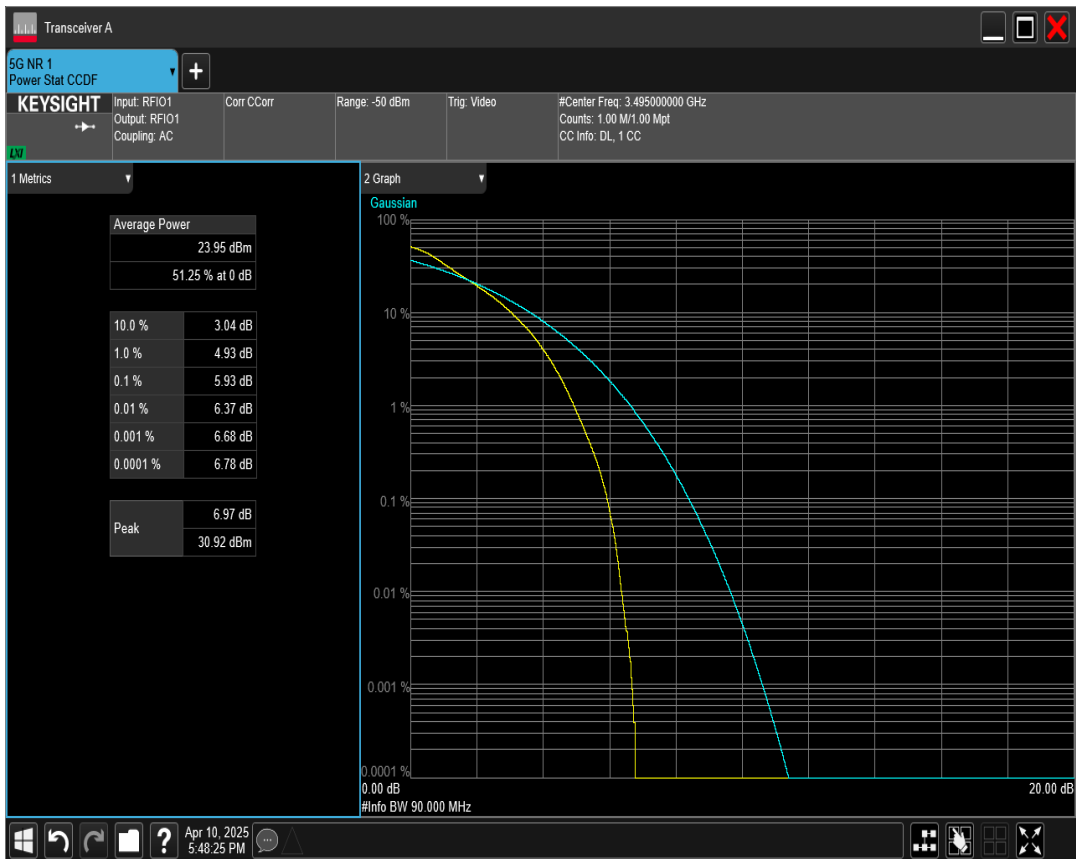
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=180@0



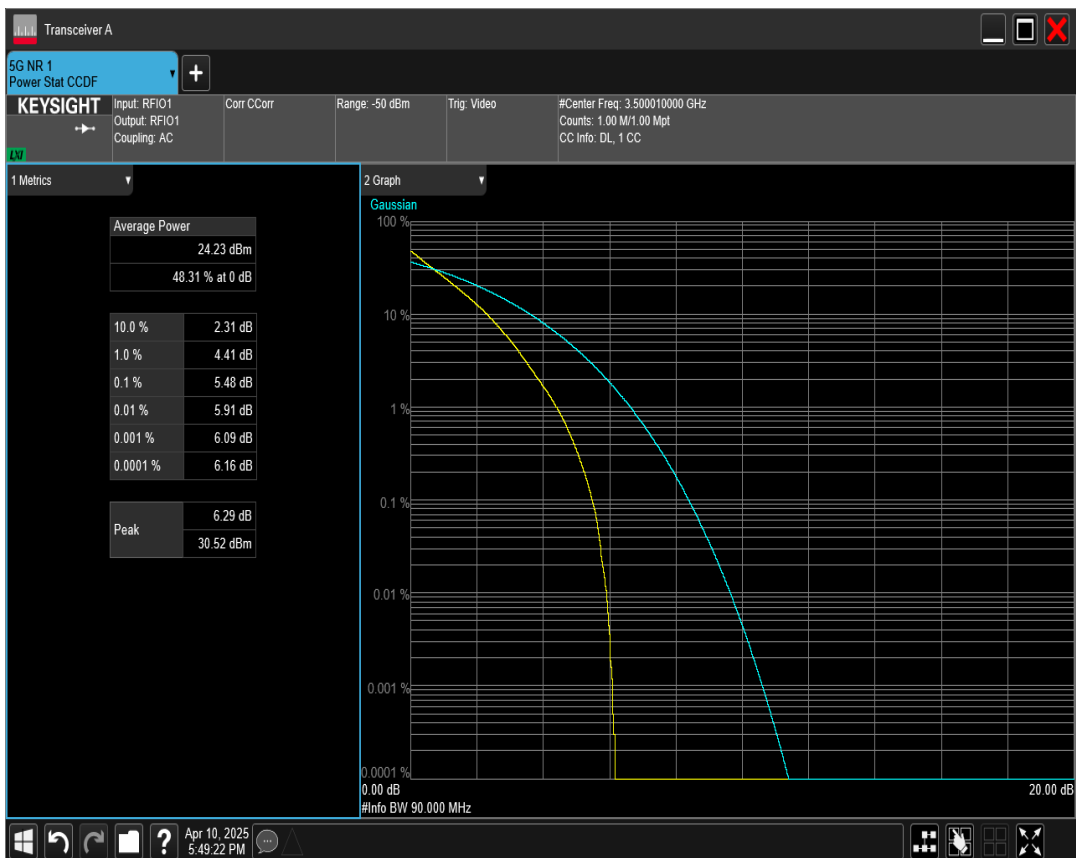
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=634000 RB=216@0



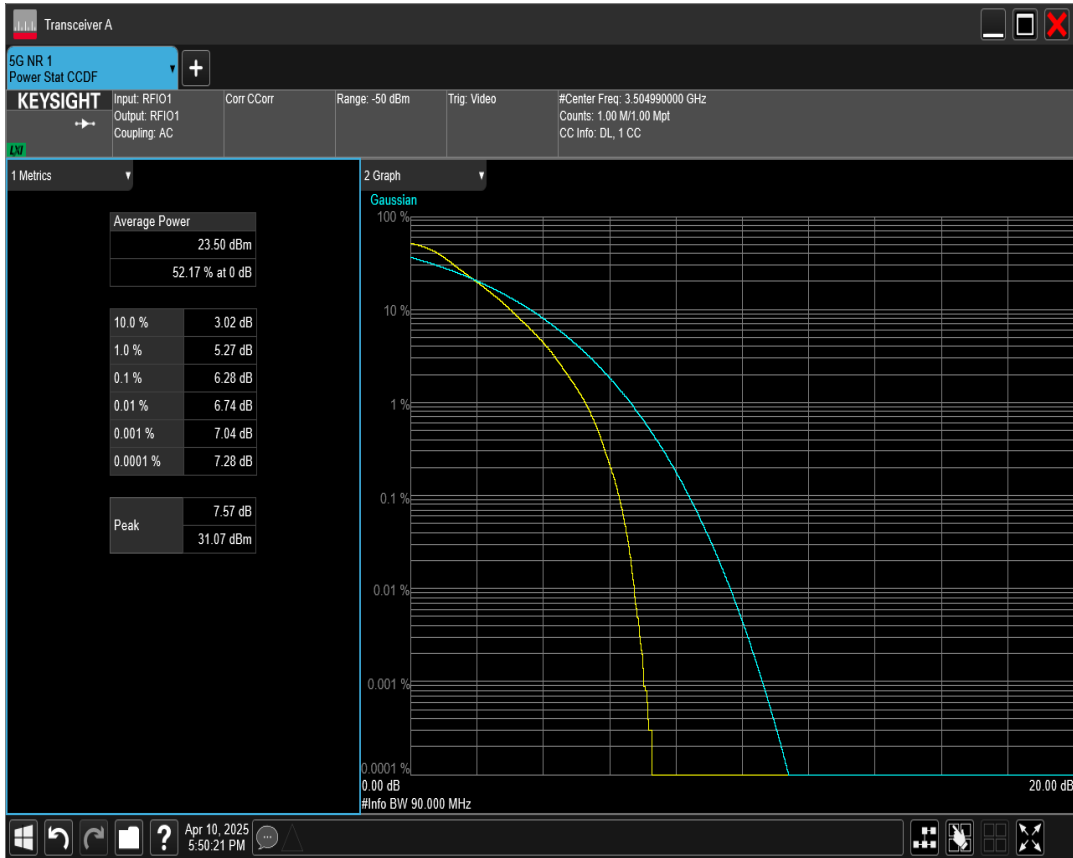
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633000 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633666 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
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.540	8.840	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.570	9.000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.550	8.890	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.580	8.930	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.560	8.870	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.380	13.290	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.470	13.270	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.460	13.290	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.420	13.230	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.370	13.240	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.040	18.330	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.060	18.260	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.090	18.280	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.030	18.250	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.010	18.250	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.530	27.240	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.650	27.240	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.570	27.300	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.610	27.240	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.560	27.290	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.570	36.350	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.600	36.410	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.440	36.320	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.550	36.420	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.400	36.300	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.080	46.370	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	46.830	46.340	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.000	46.220	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.070	46.410	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.080	46.330	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.610	58.580	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.620	58.590	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.690	58.670	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.630	58.560	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.690	58.550	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	66.690	65.100	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	66.850	65.050	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM16	66.650	65.060	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM64	66.770	65.020	PASS

n78(3450-3550)	30	70	633334	180@0	DFT_QAM256	66.680	65.080	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.050	78.130	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.030	78.090	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM16	76.950	78.100	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.030	78.070	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM256	76.940	78.080	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.450	86.690	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.530	86.640	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.330	86.740	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.550	86.700	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.640	86.630	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.280	97.510	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.420	97.600	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.320	97.590	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.170	97.460	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.310	97.520	PASS

n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36 @0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75 @0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50 @0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100 @0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



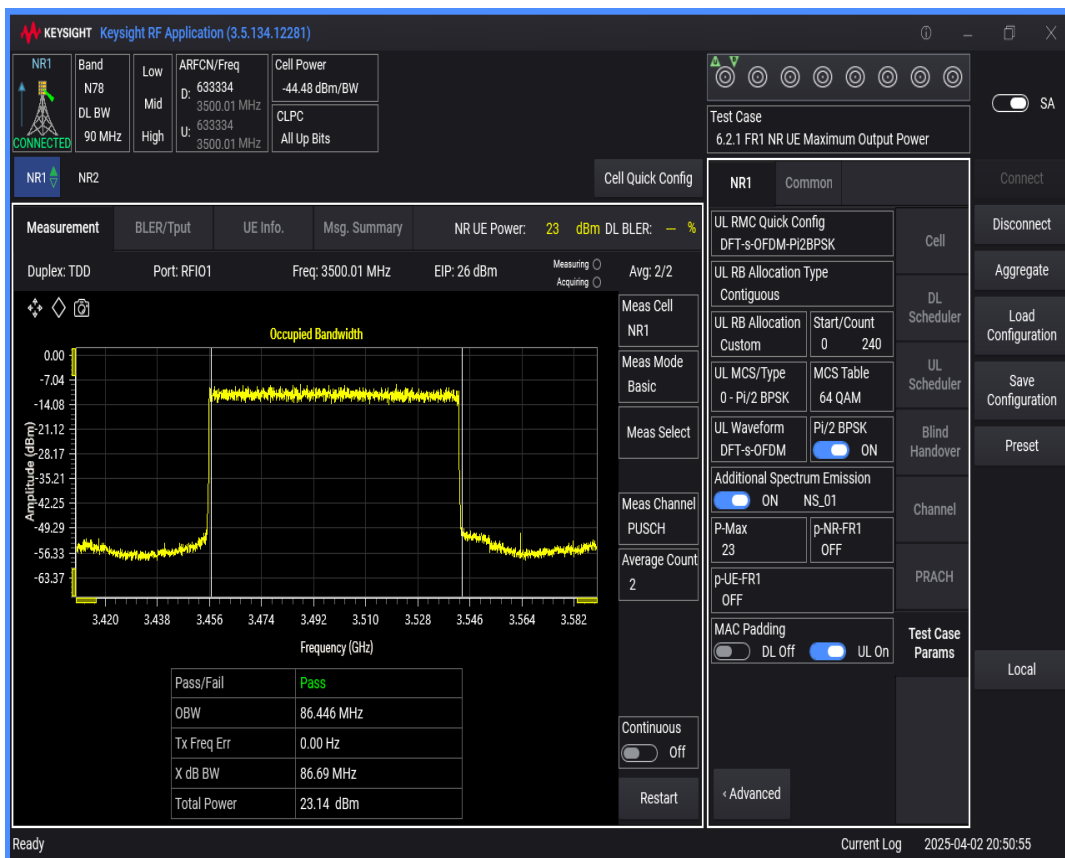
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



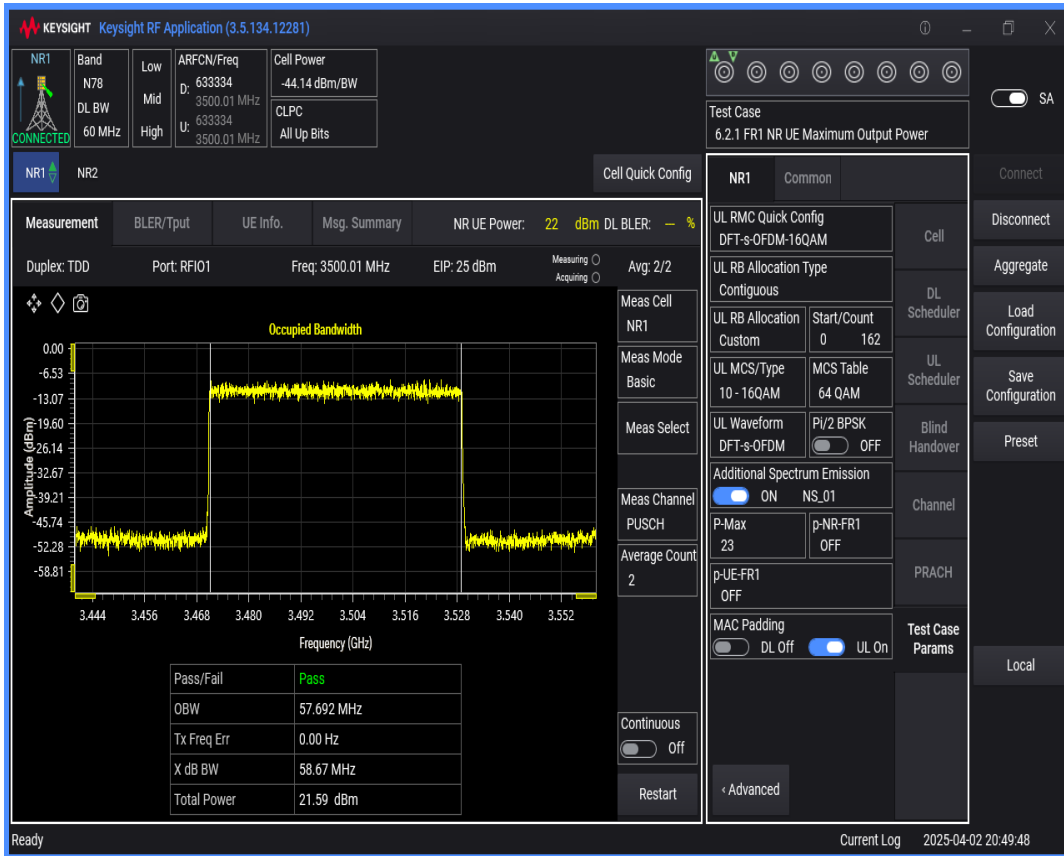
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=633334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0