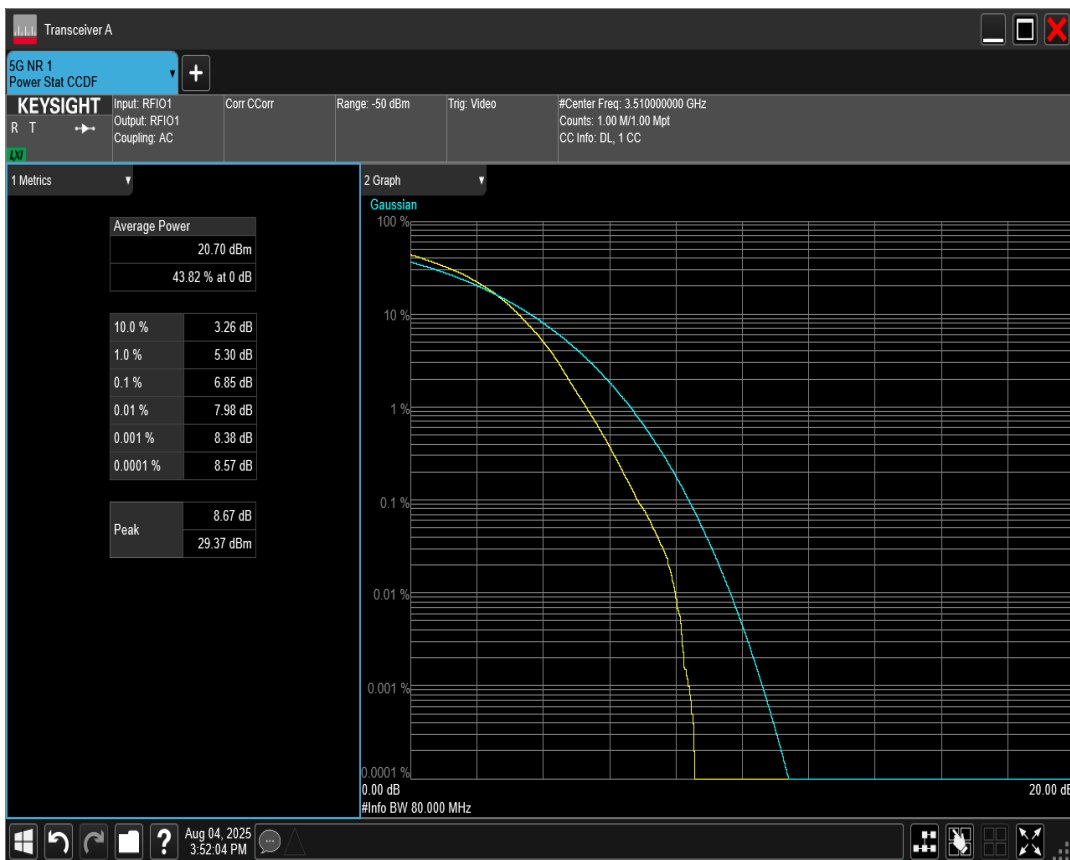
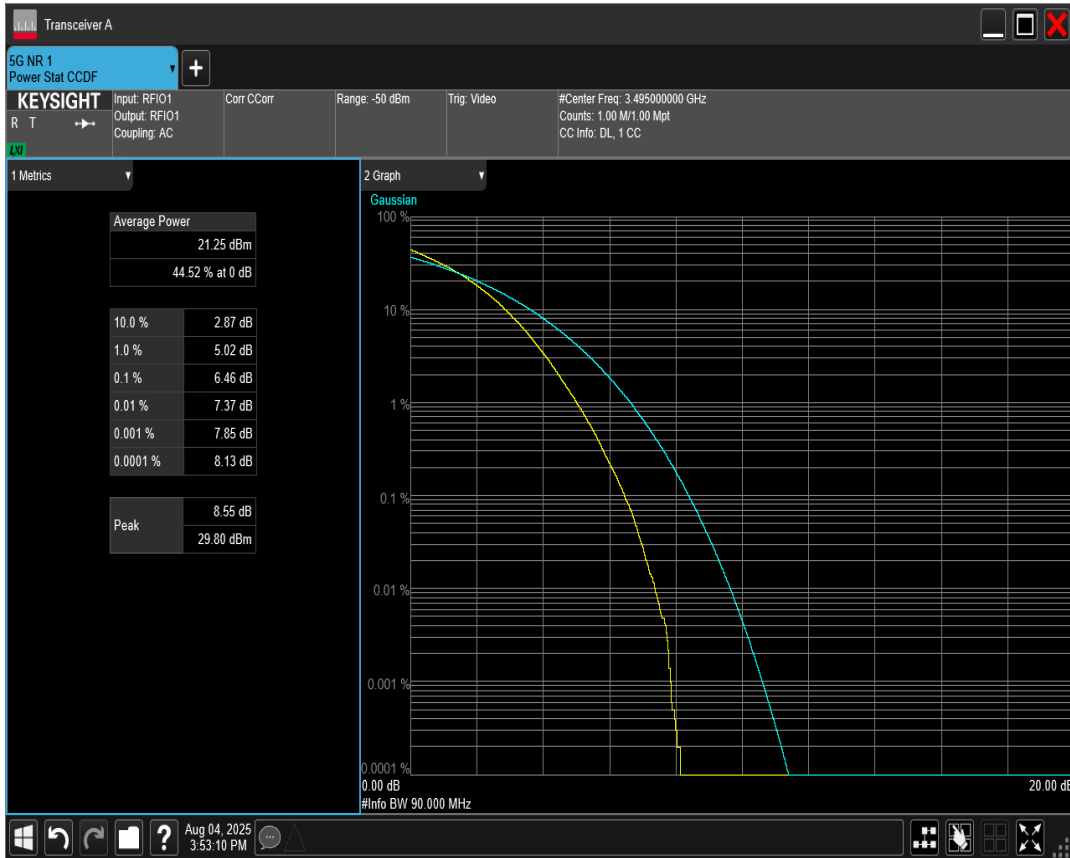


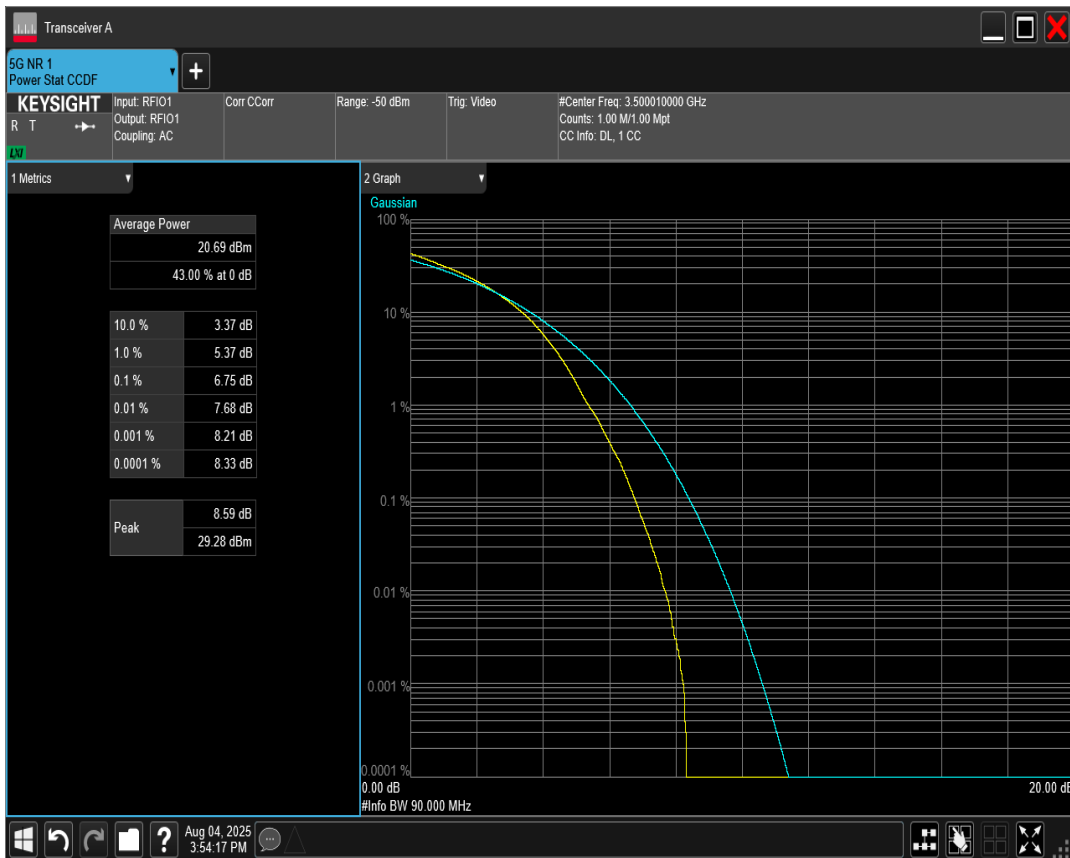
*n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=634000 RB=216@0*



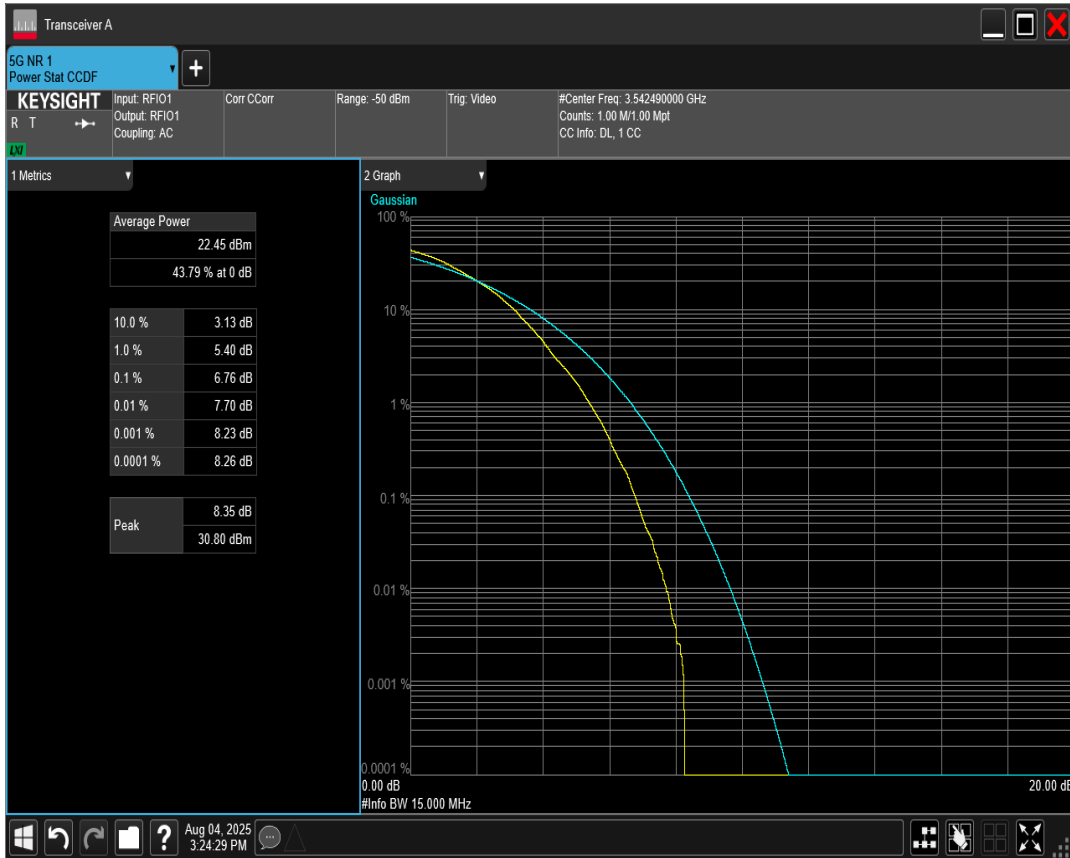
*n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633000 RB=240@0*



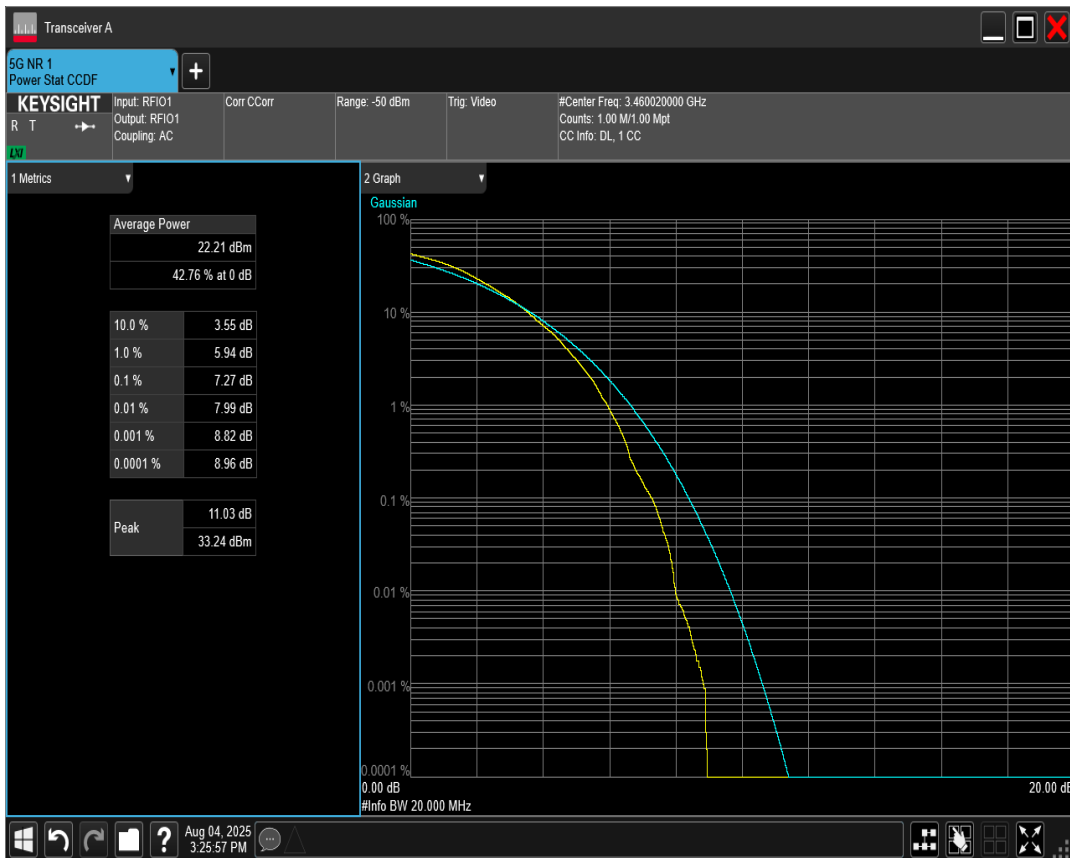
*n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240 @0*



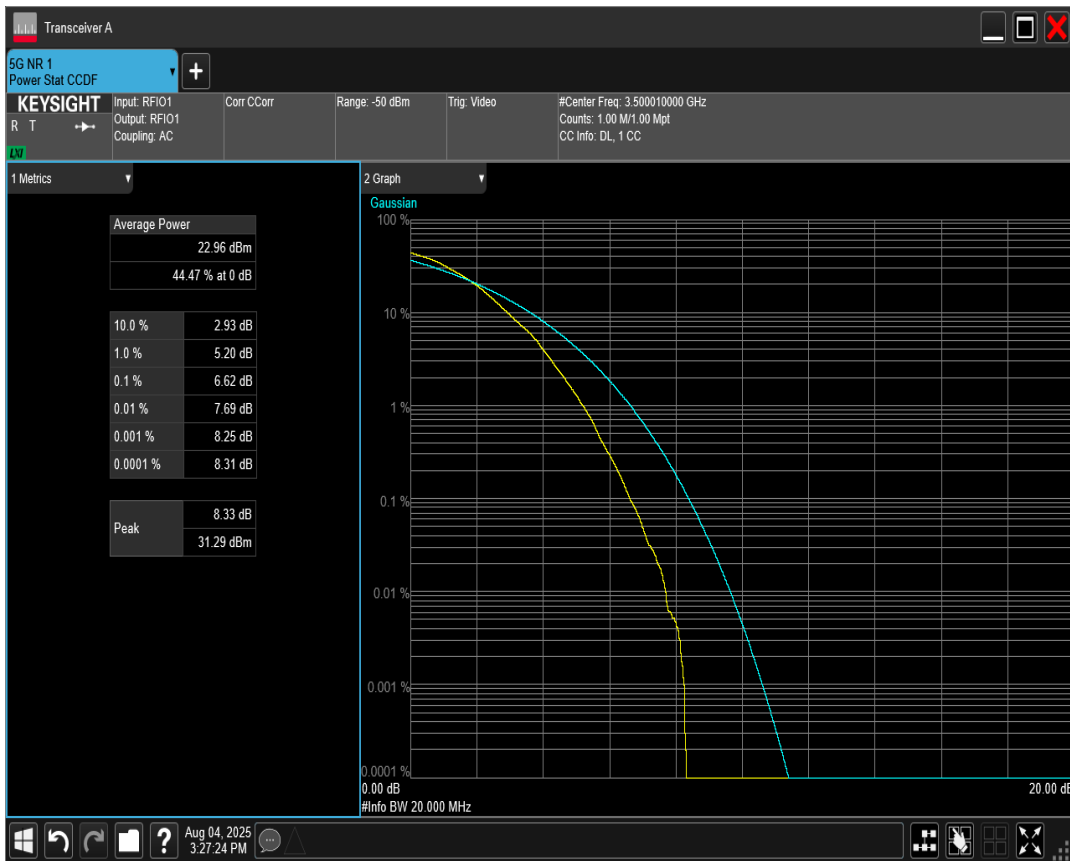
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=636166 RB=36 @0*



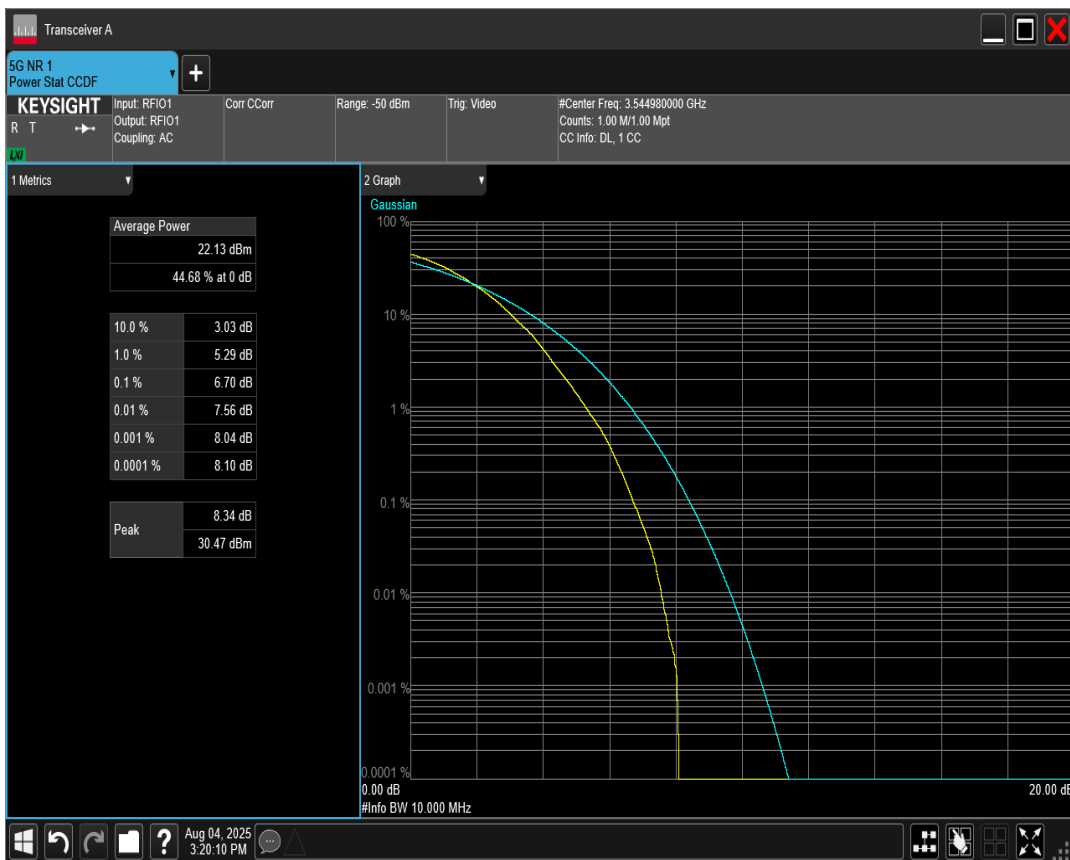
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=630668 RB=50@0***



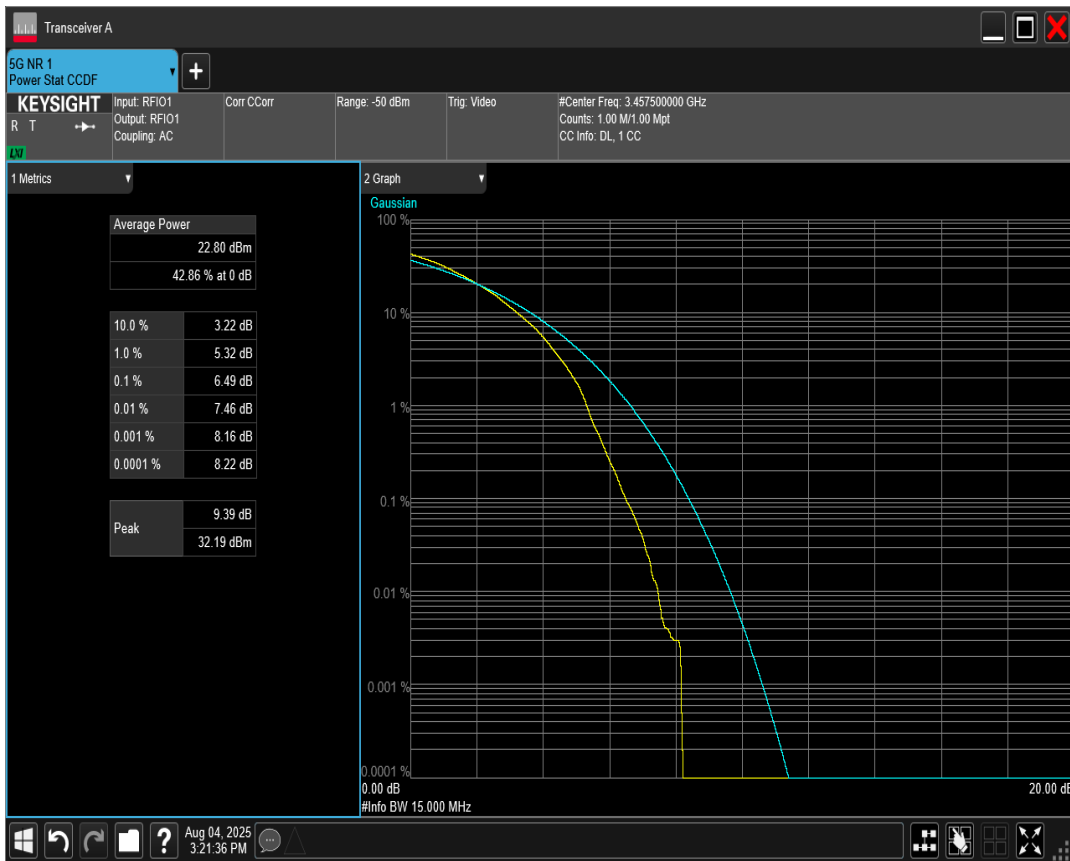
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=50@0***



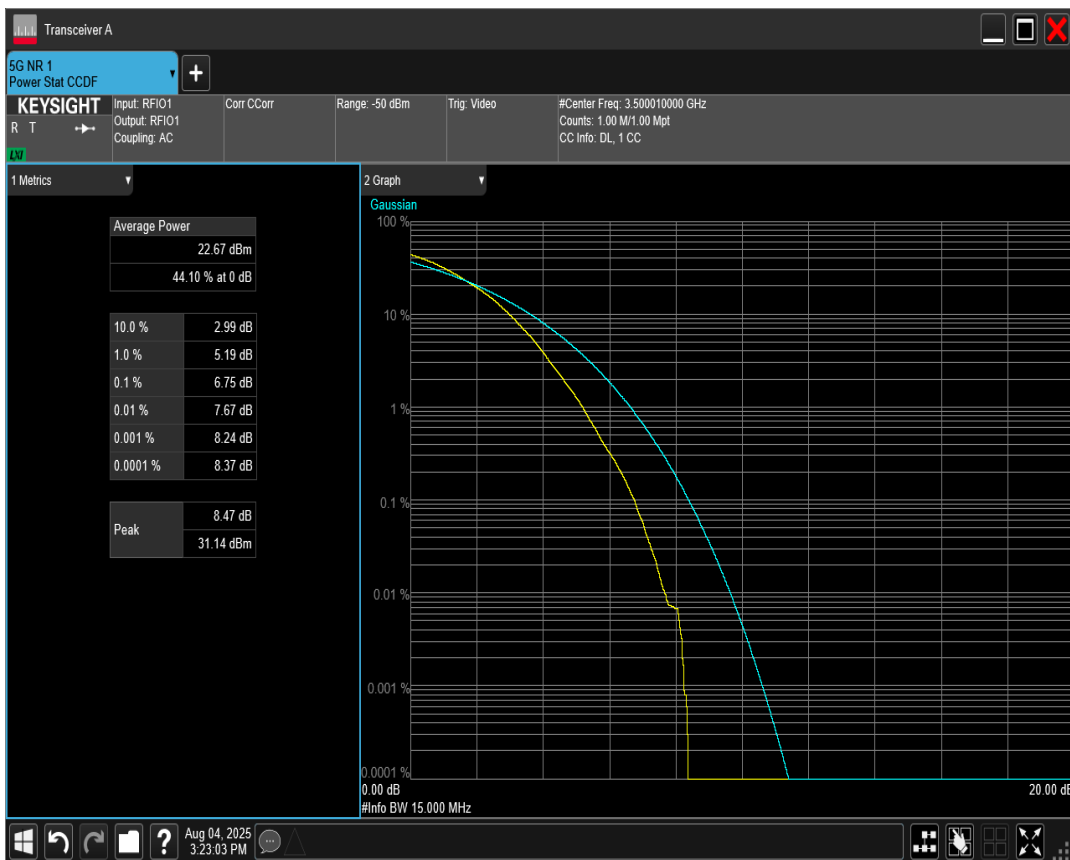
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=636332 RB=24@0***



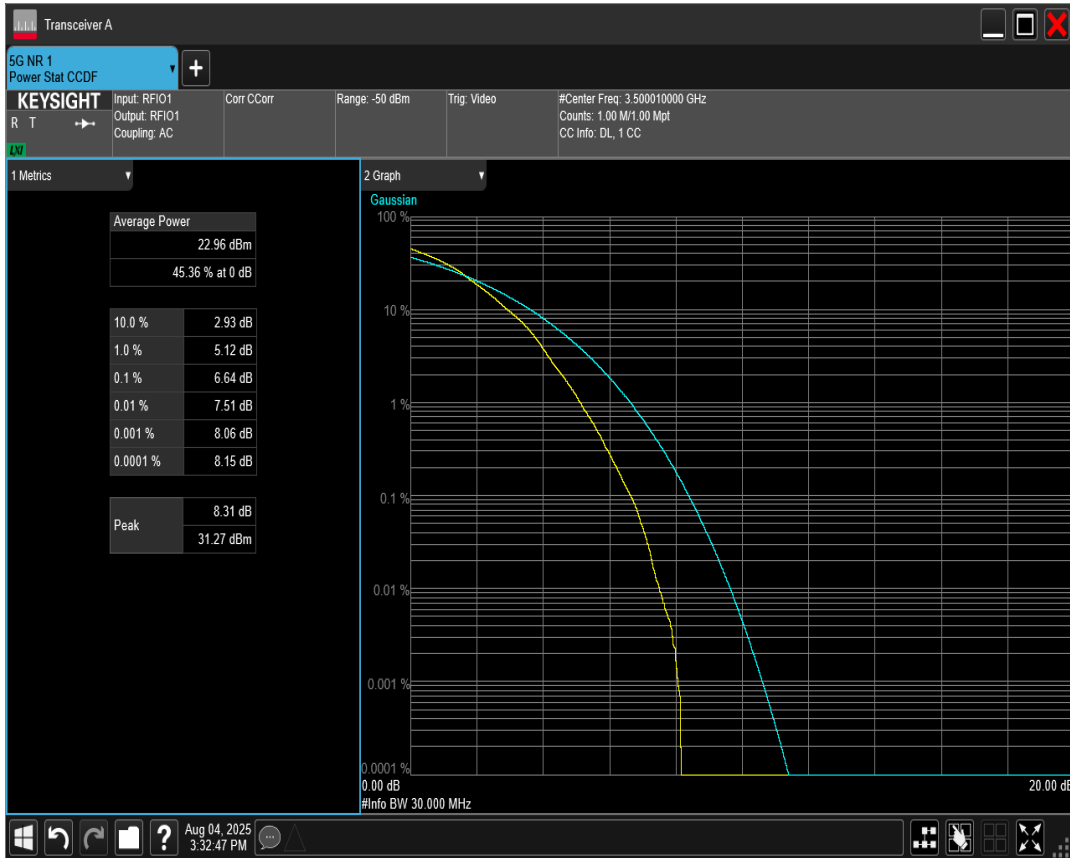
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=630500 RB=36@0***



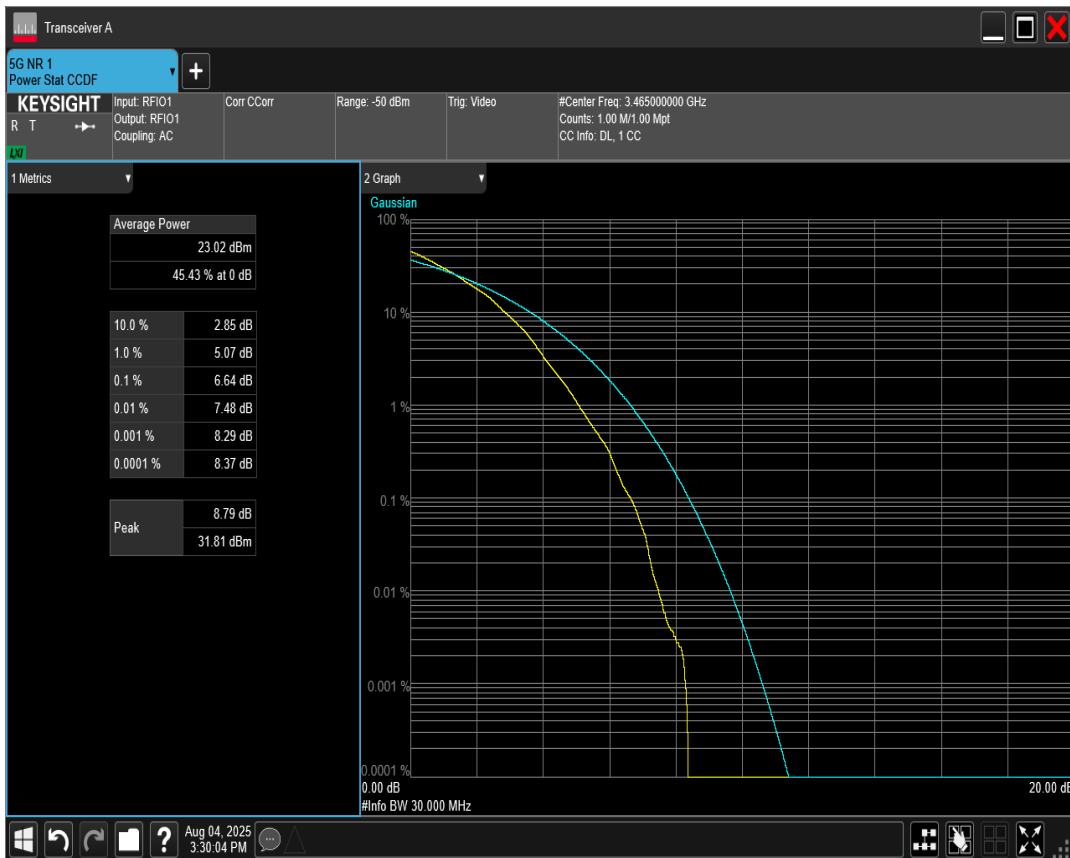
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=633334 RB=36@0***



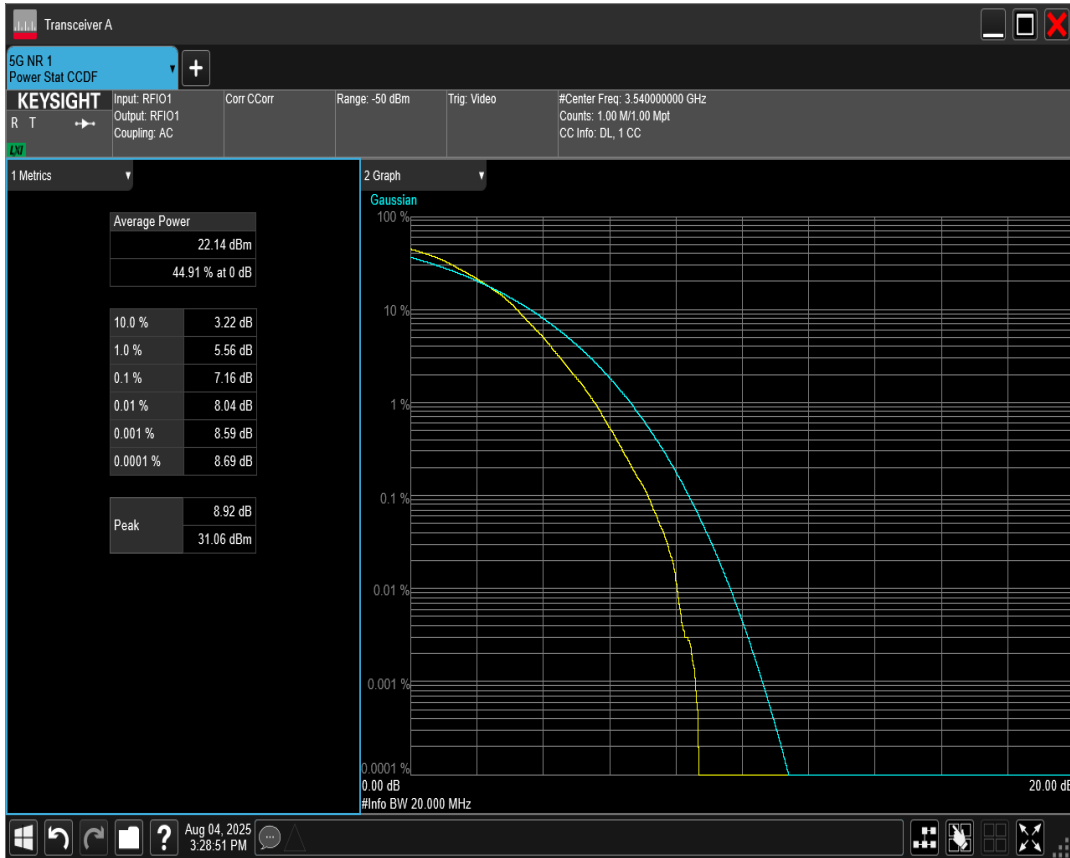
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=75@0***



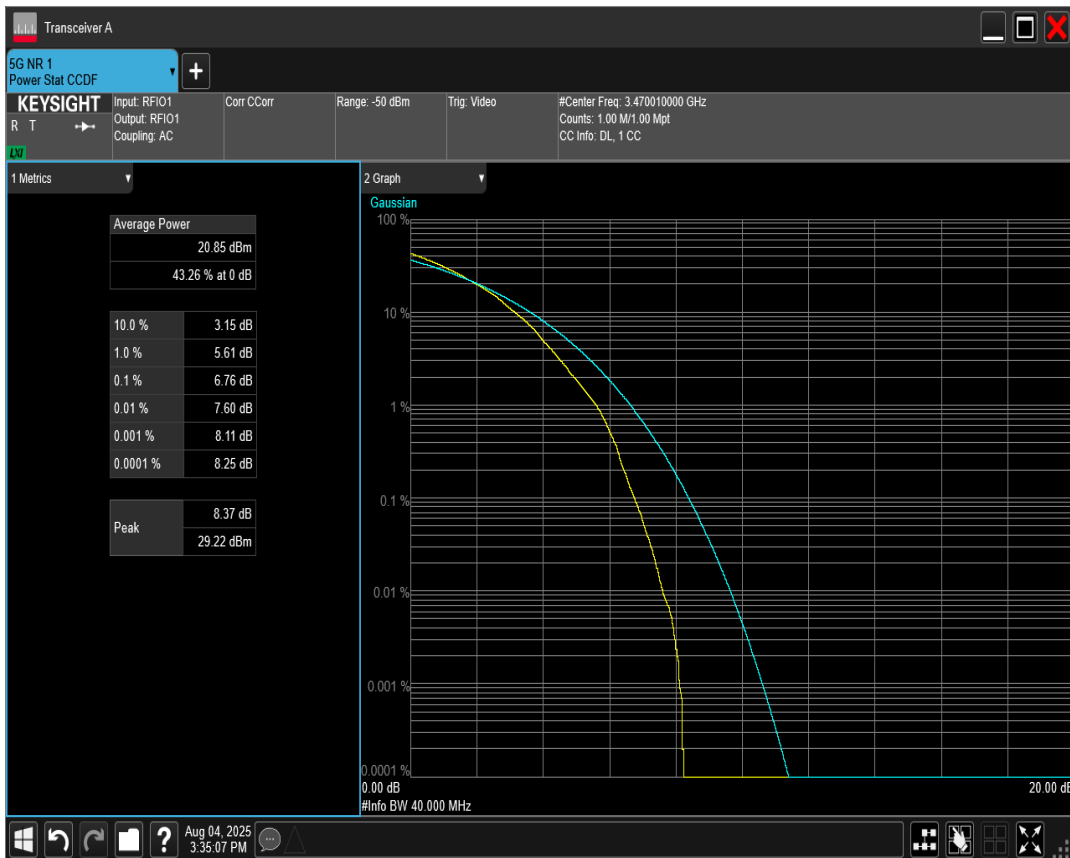
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=631000 RB=75@0***



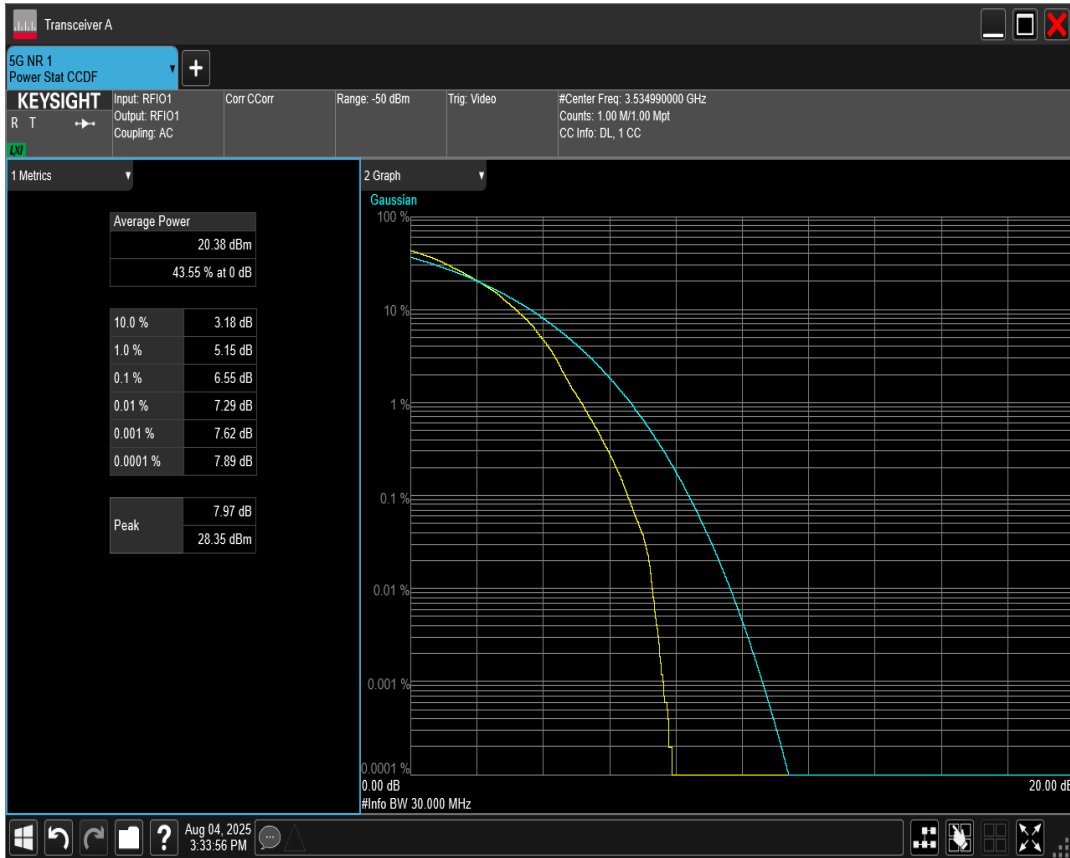
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=636000 RB=50@0***



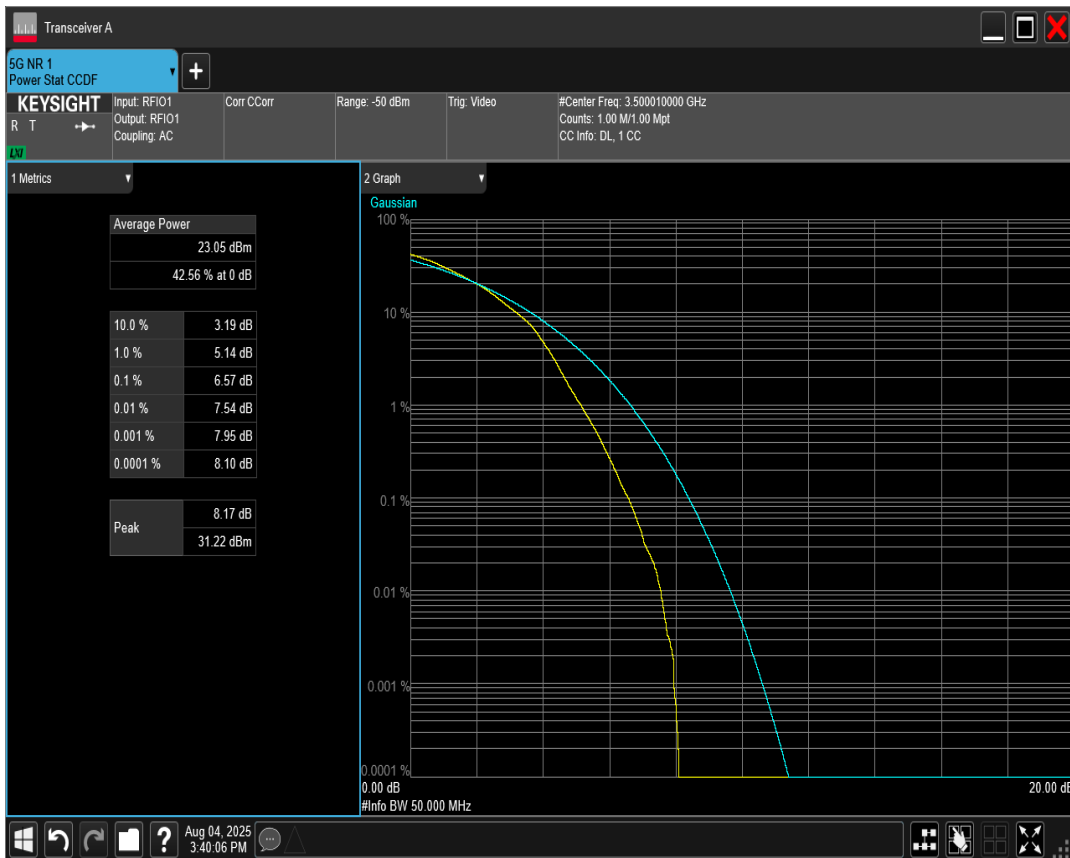
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=631334 RB=100@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=75@0***

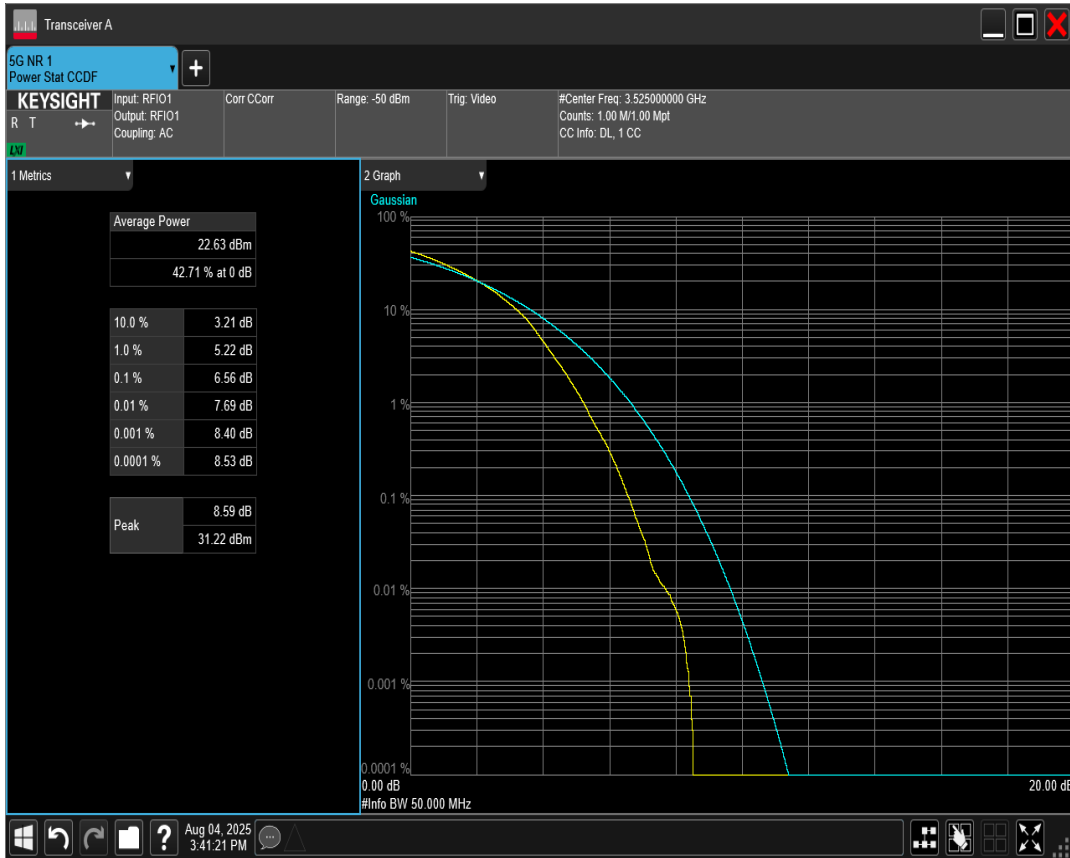


***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0***

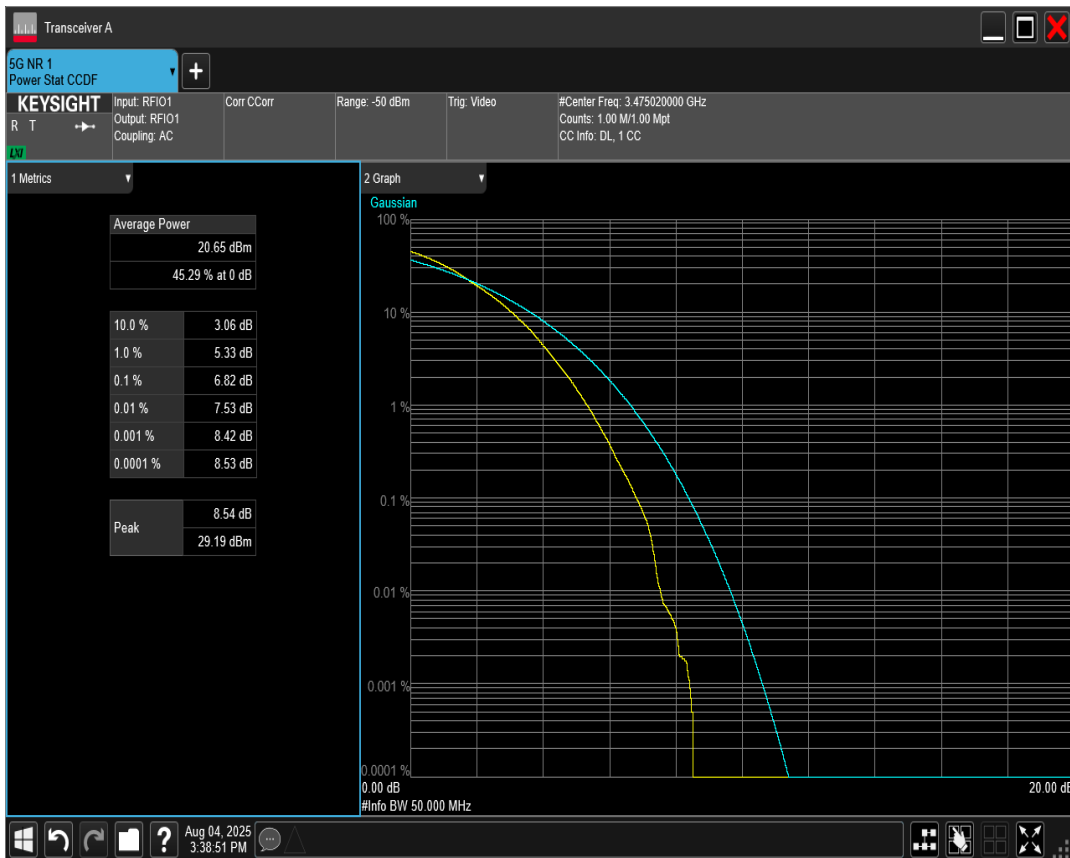


***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=128@0***

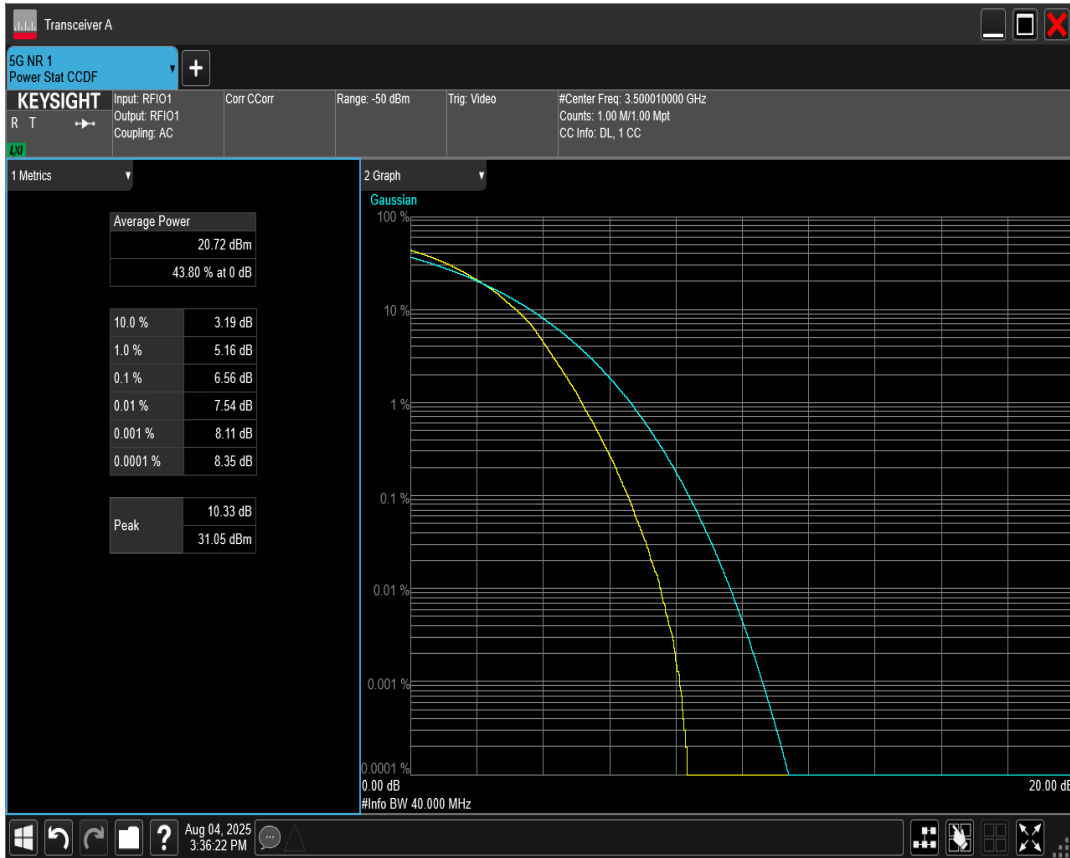




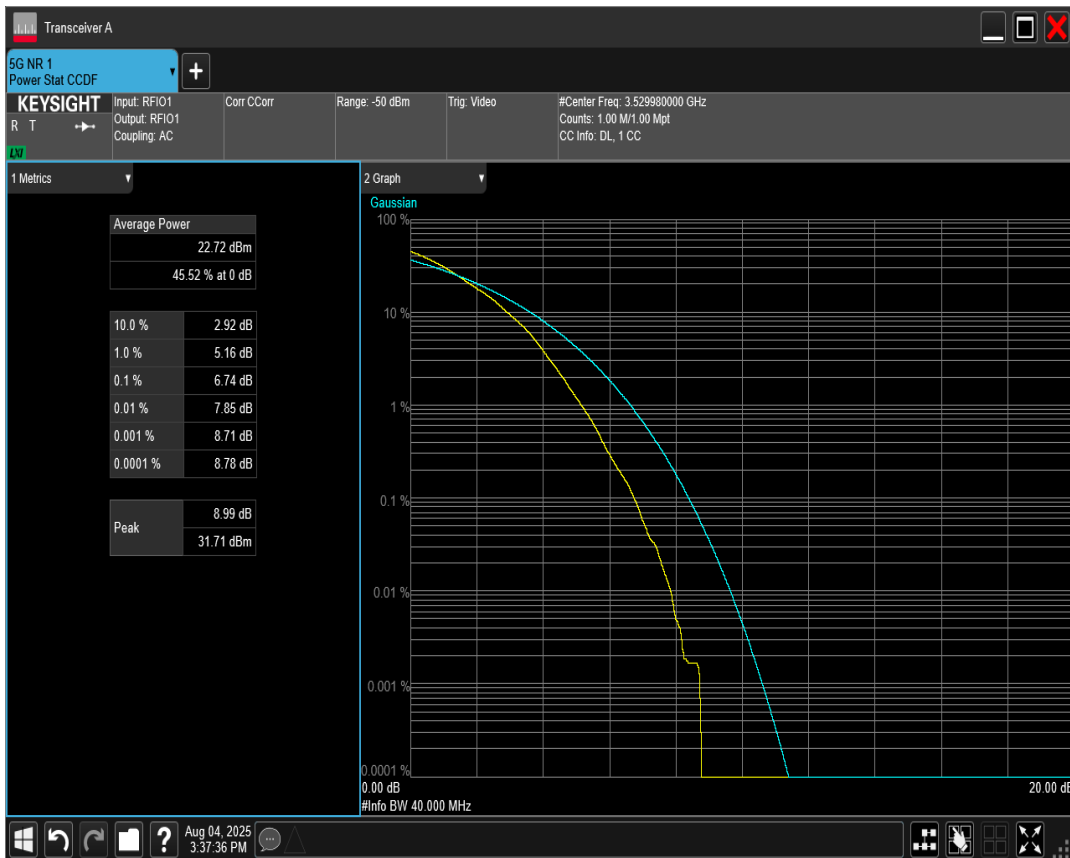
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=128@0*



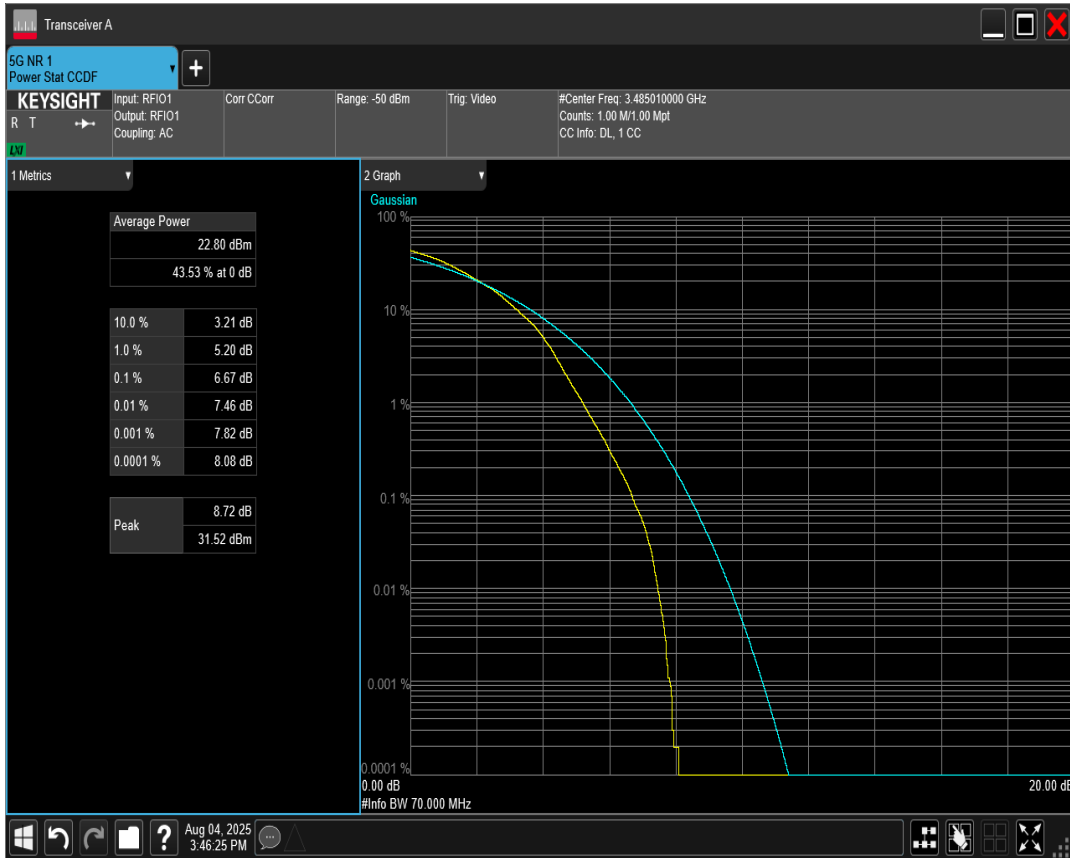
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=100@0*



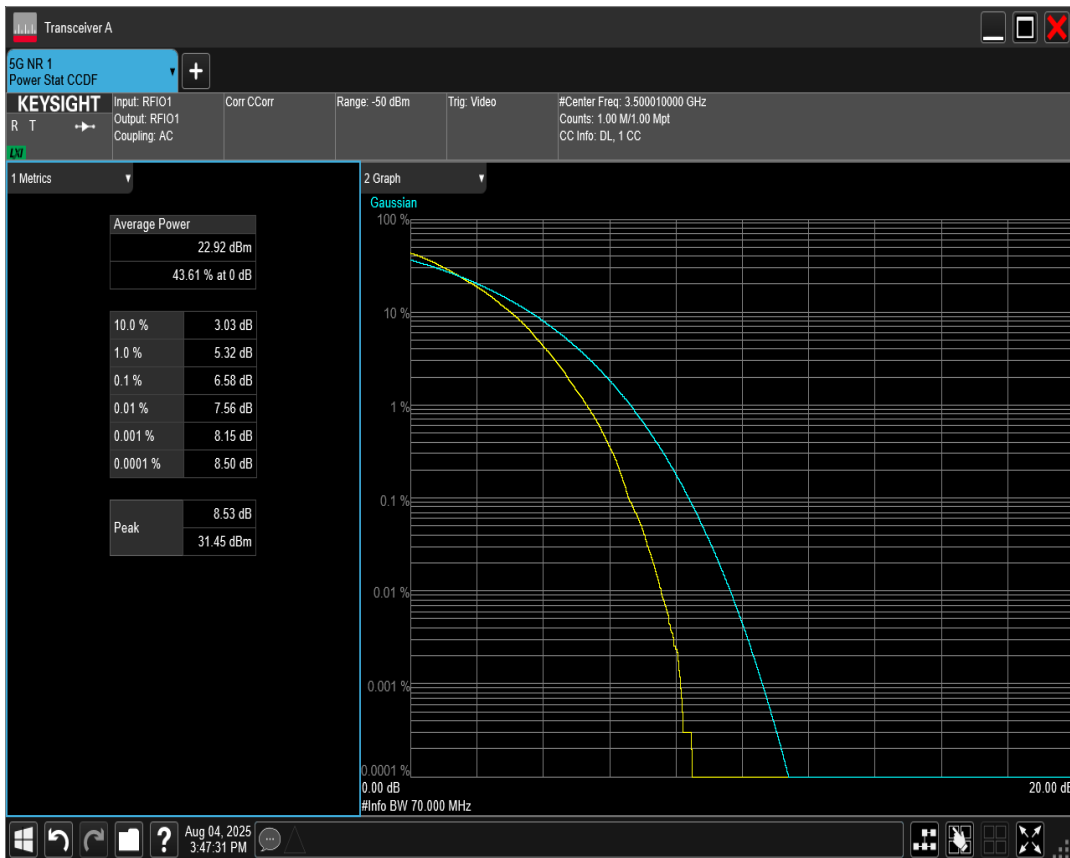
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=100@0*



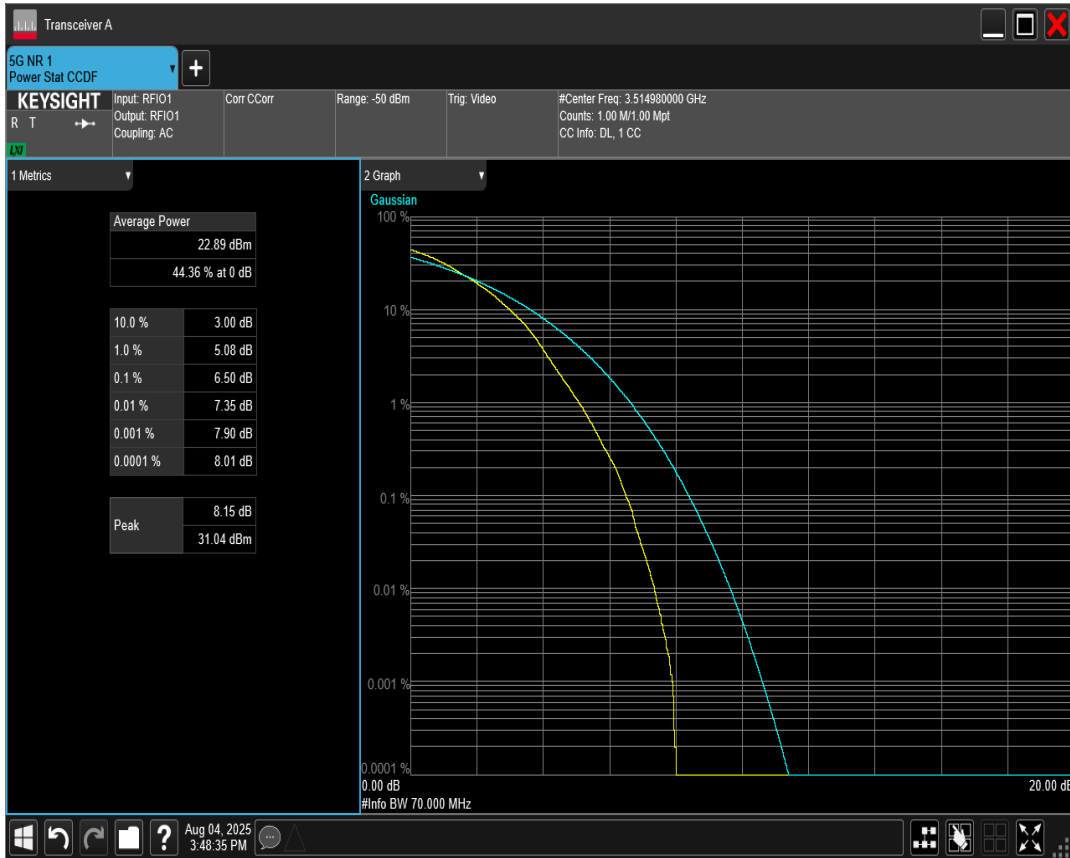
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=632334 RB=180@0*



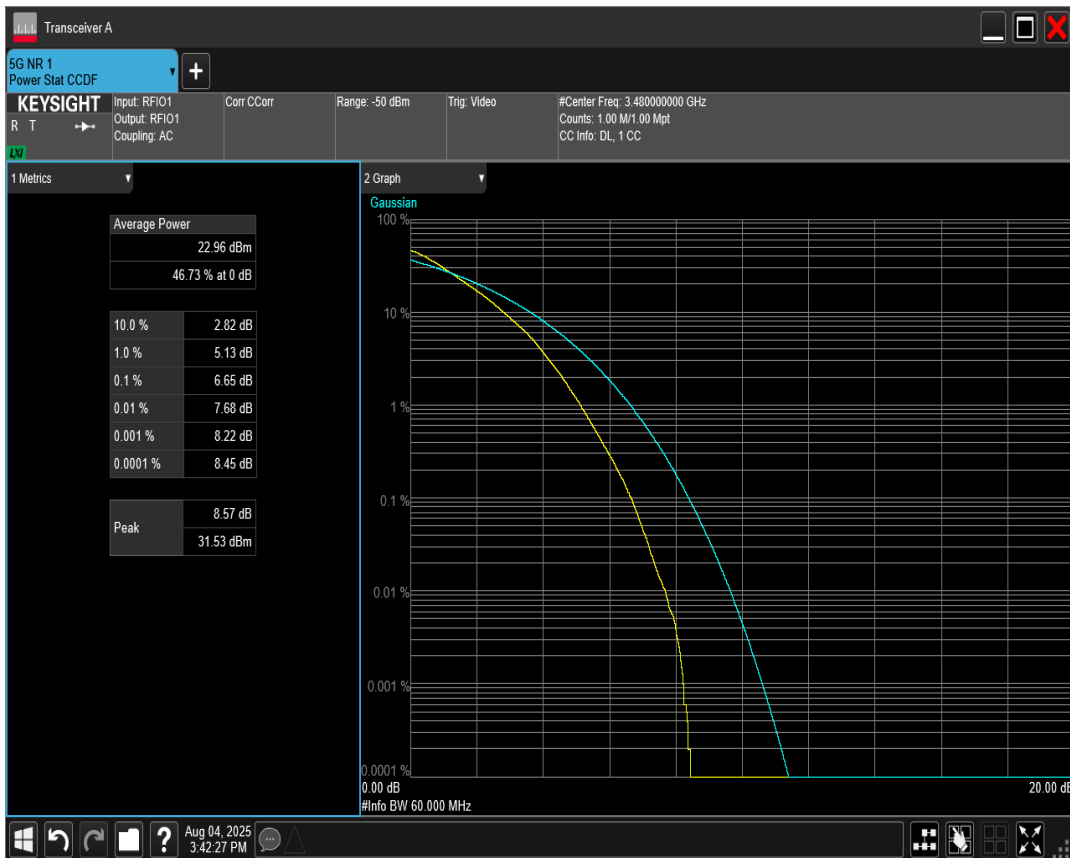
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=633334 RB=180@0*



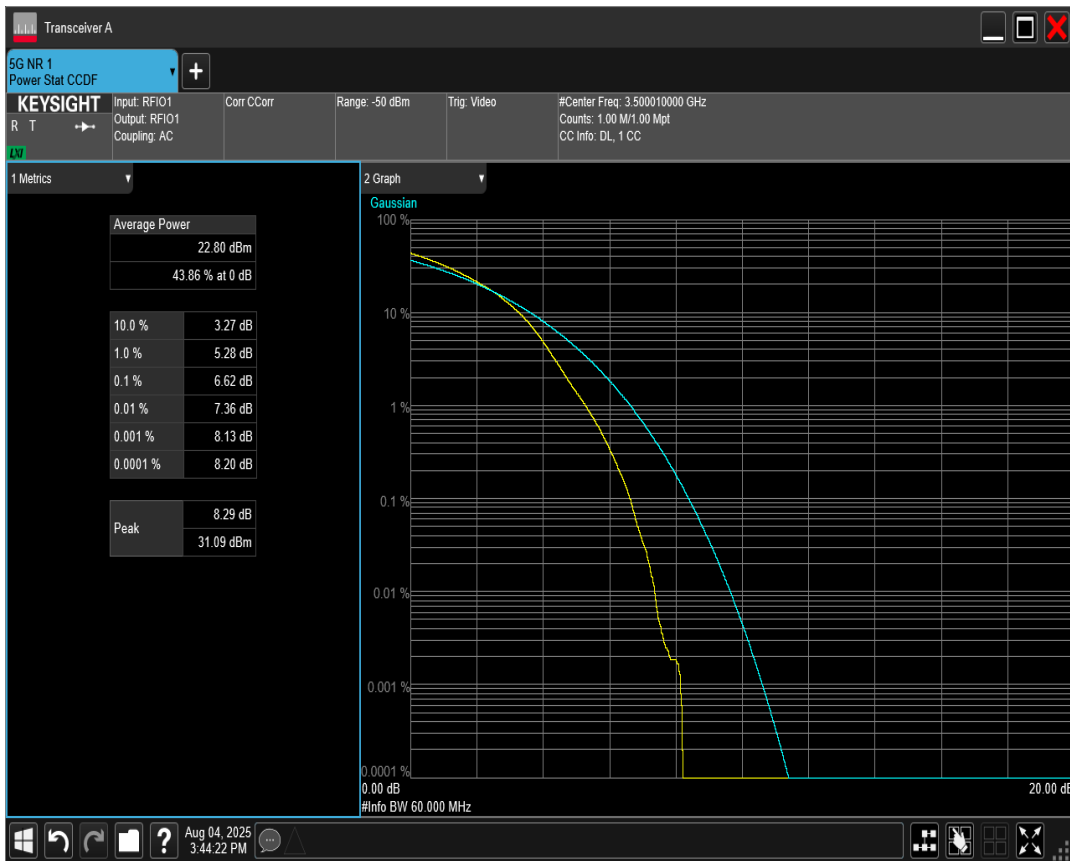
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=634332 RB=180@0*



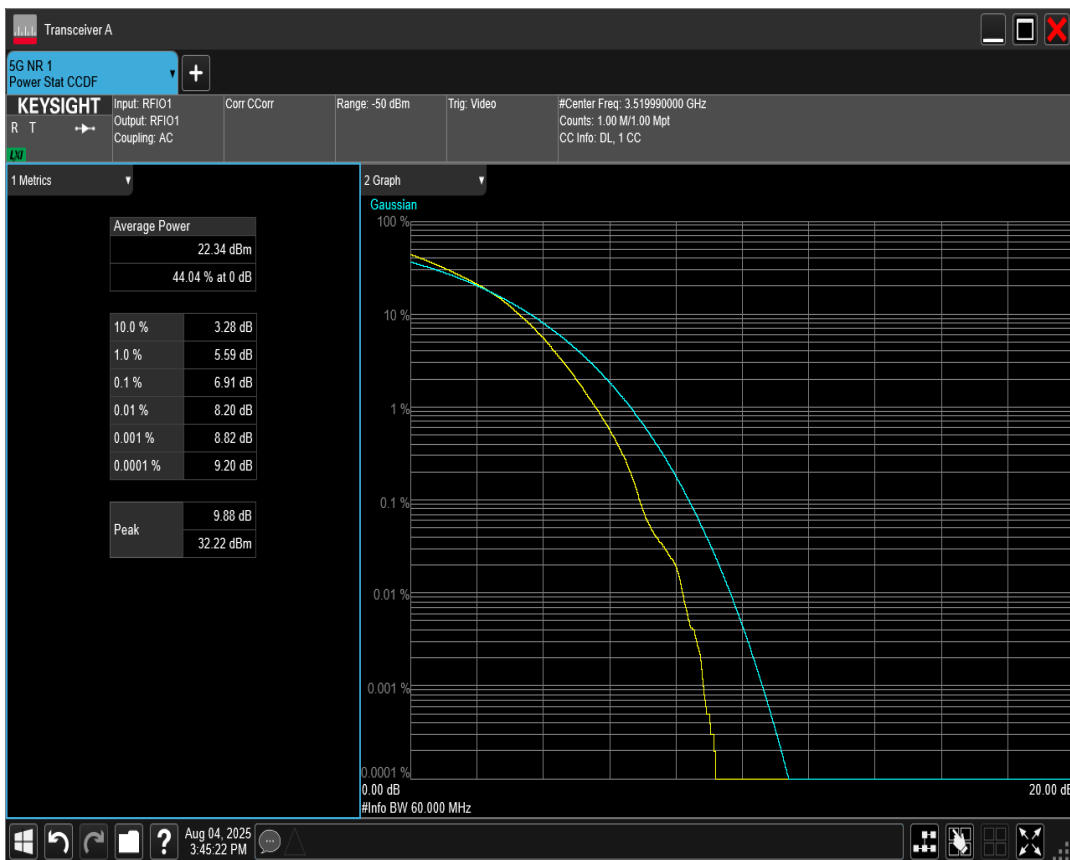
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=632000 RB=162 @0*



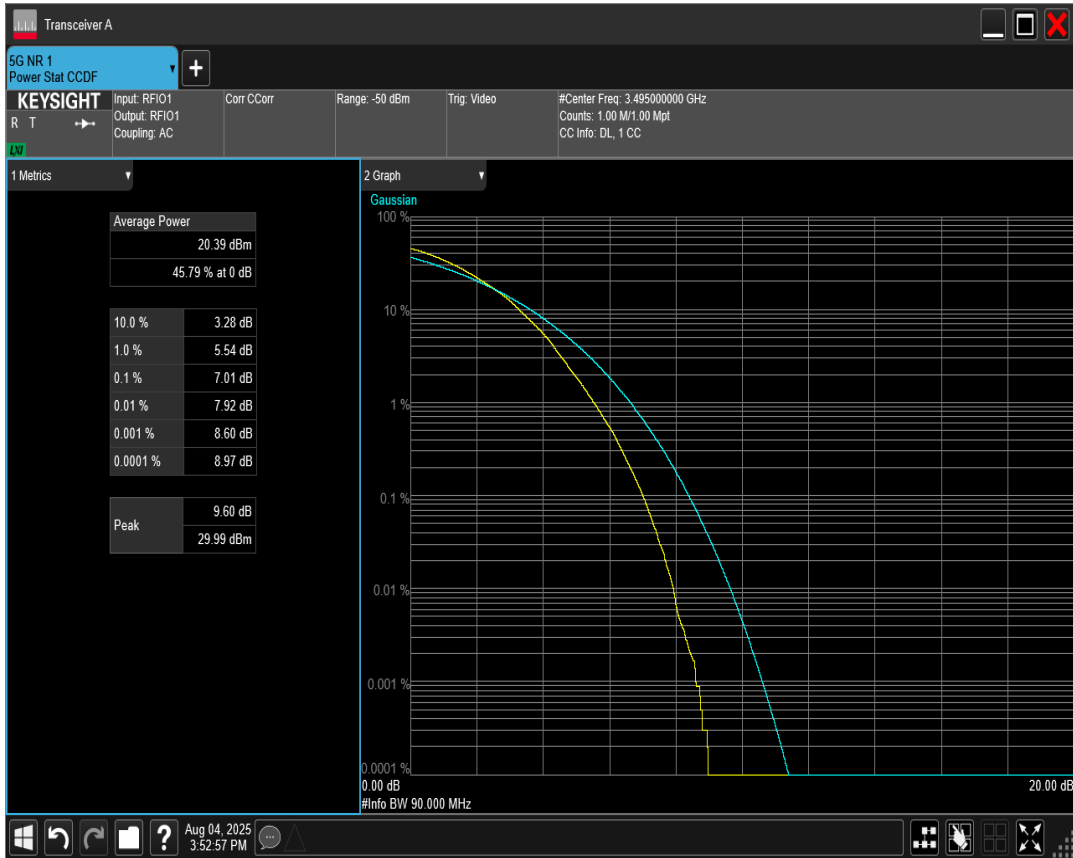
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162 @0*



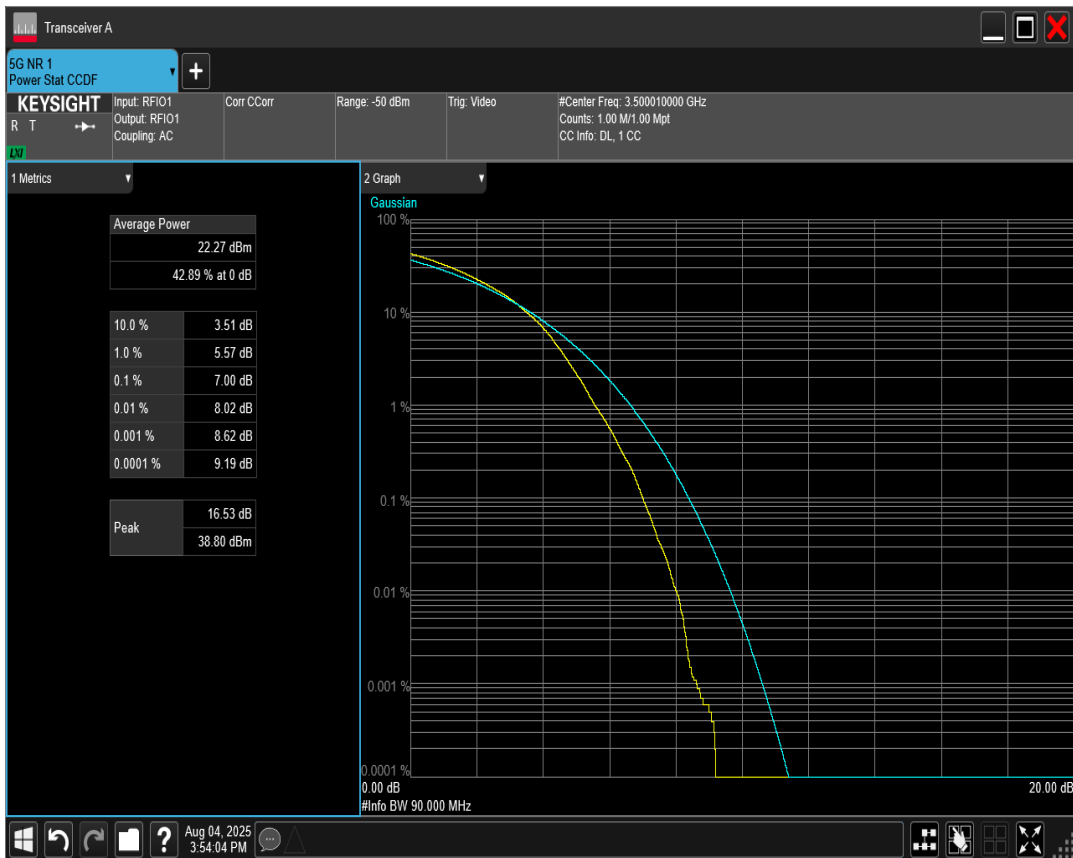
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=634666 RB=162 @0*



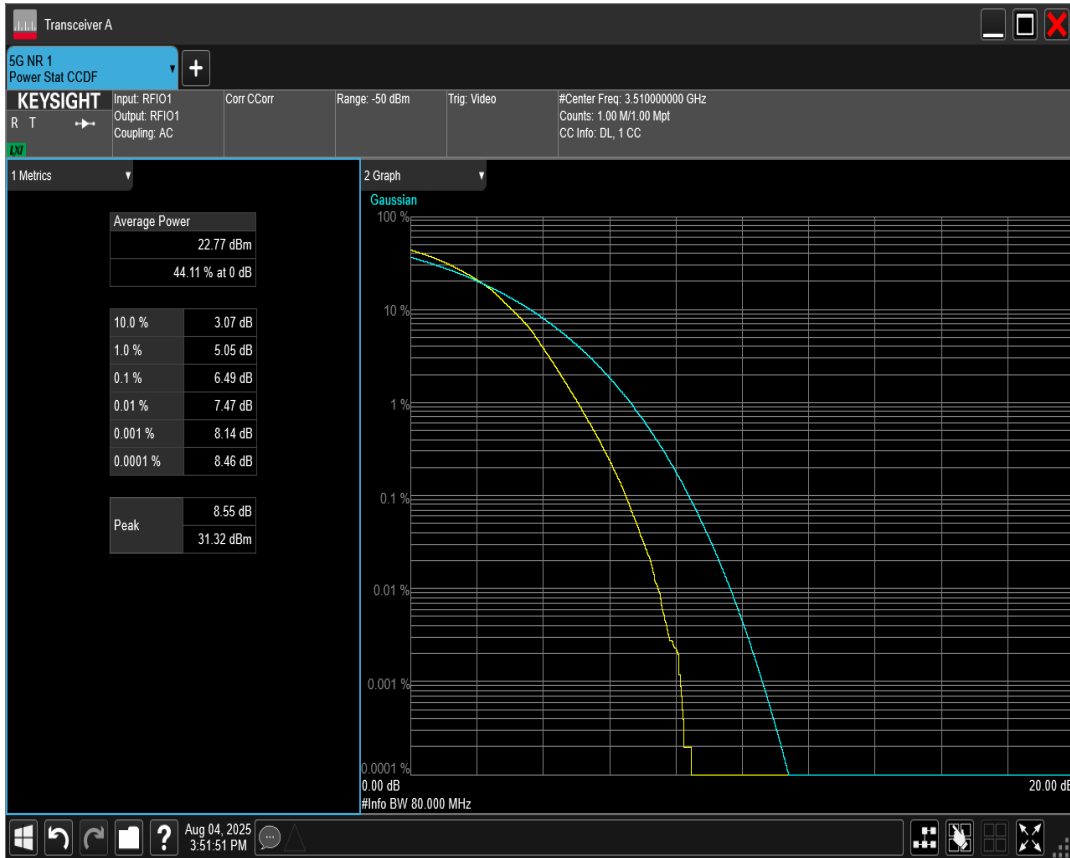
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633000 RB=240 @0*



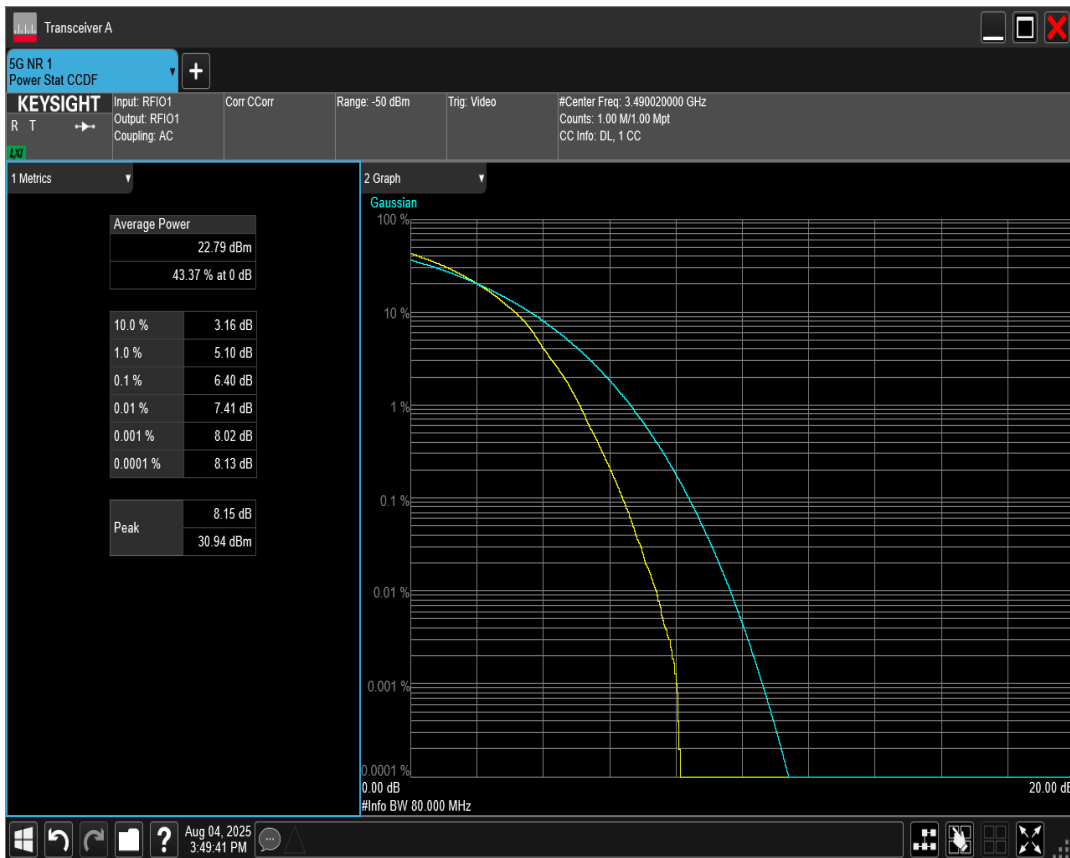
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240 @0***



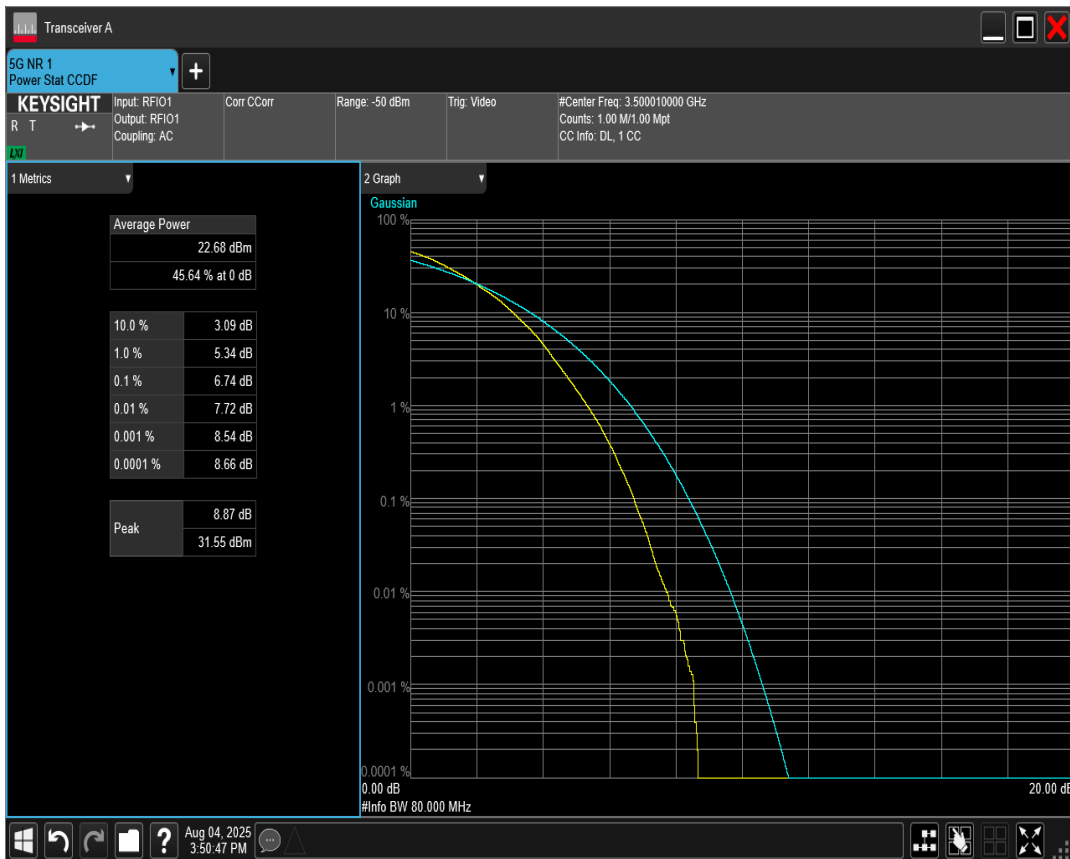
***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=634000 RB=216 @0***



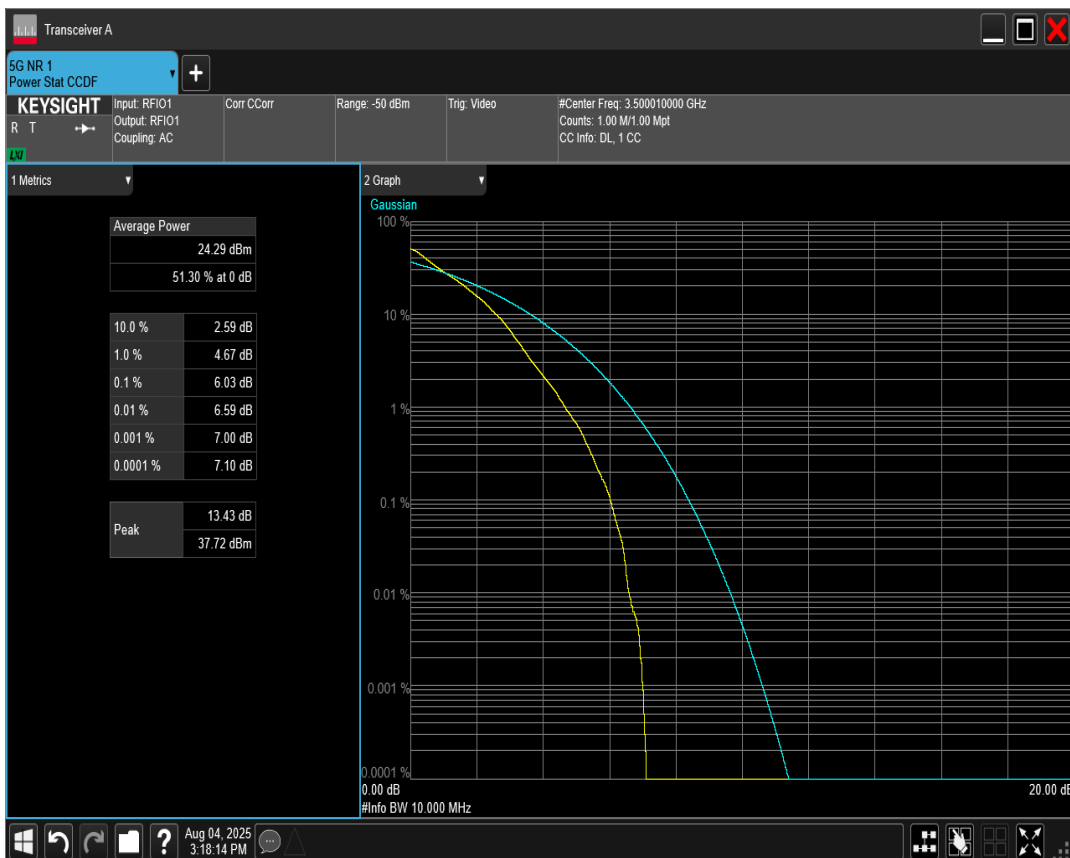
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=632668 RB=216 @0*



*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=633334 RB=216 @0*

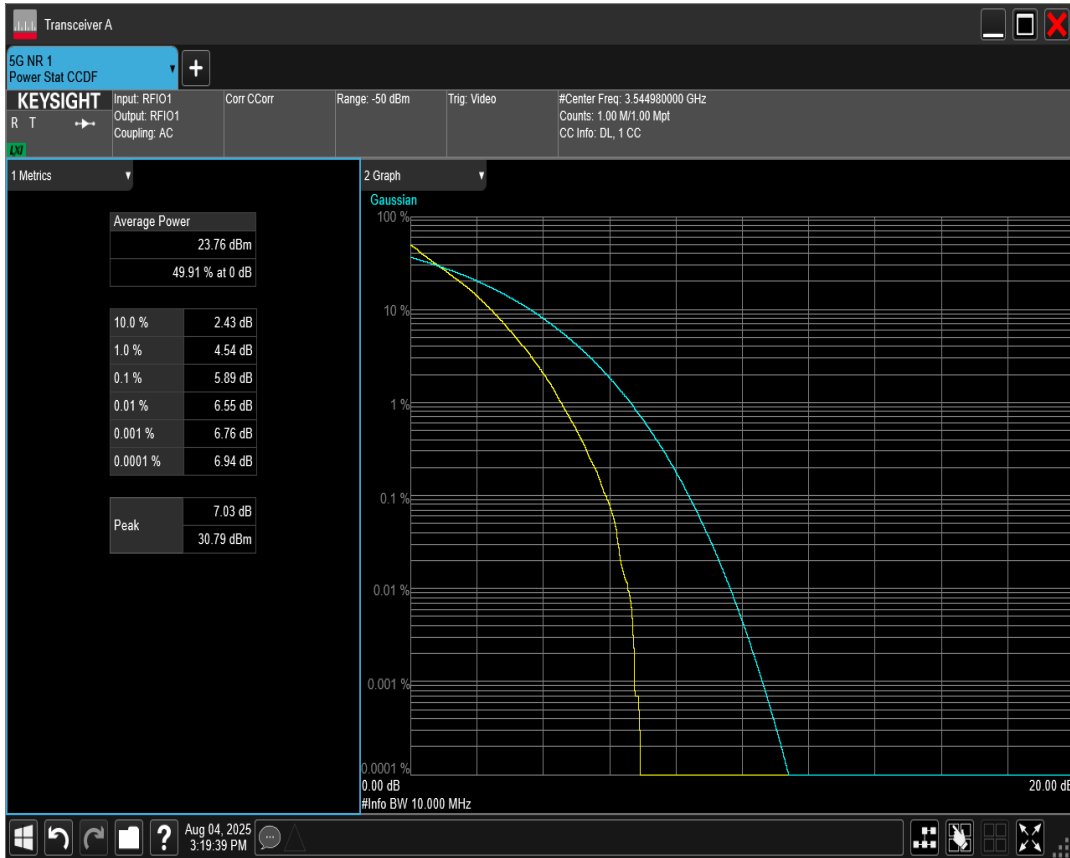


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24 @0*

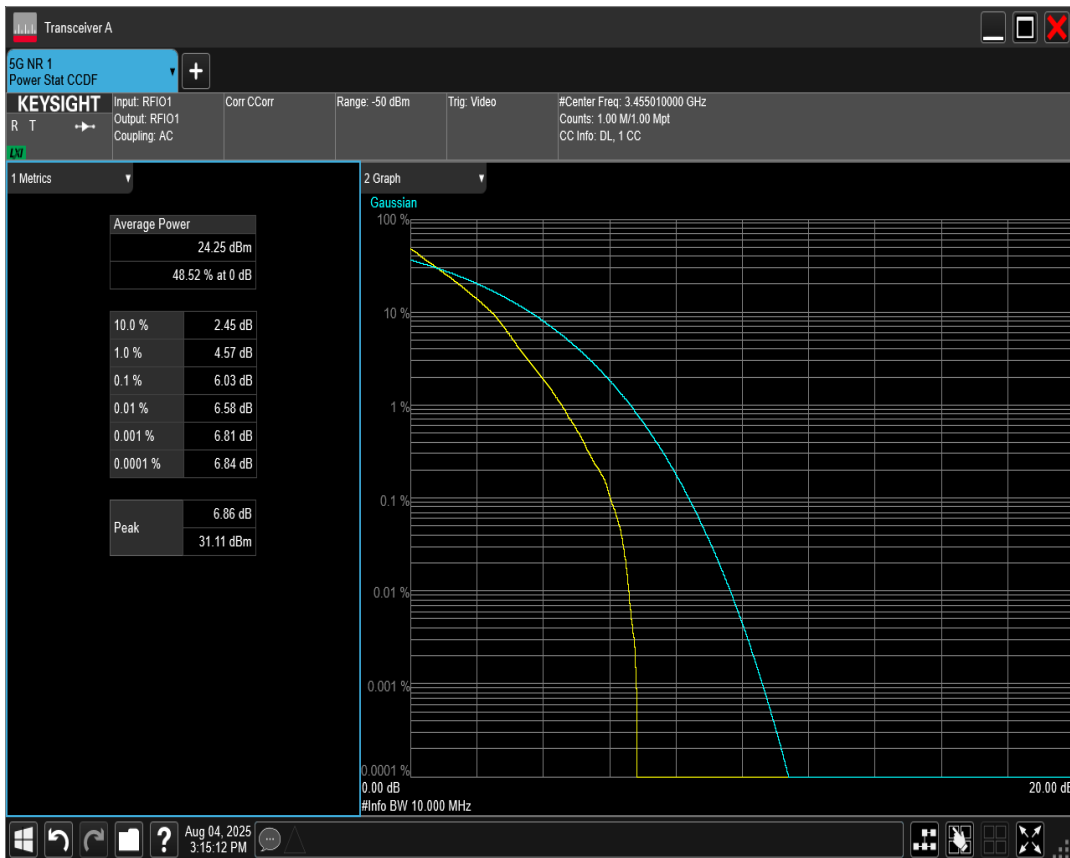


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24 @0*

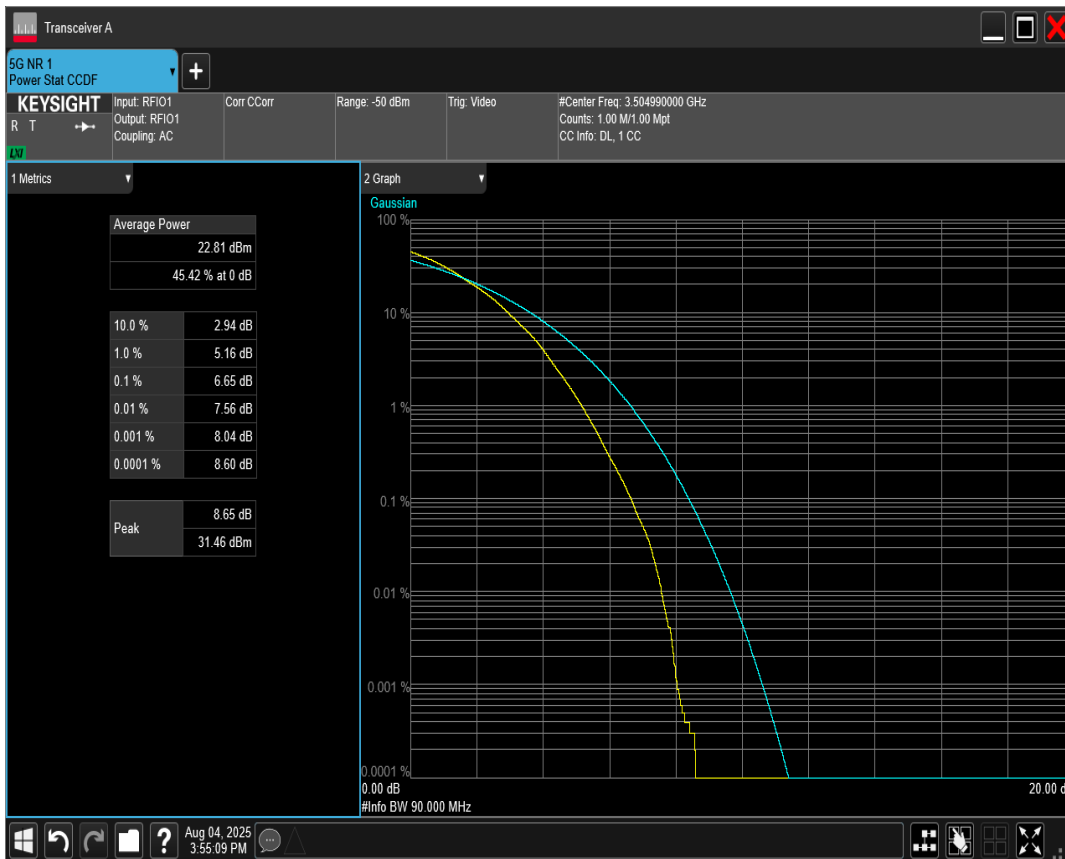




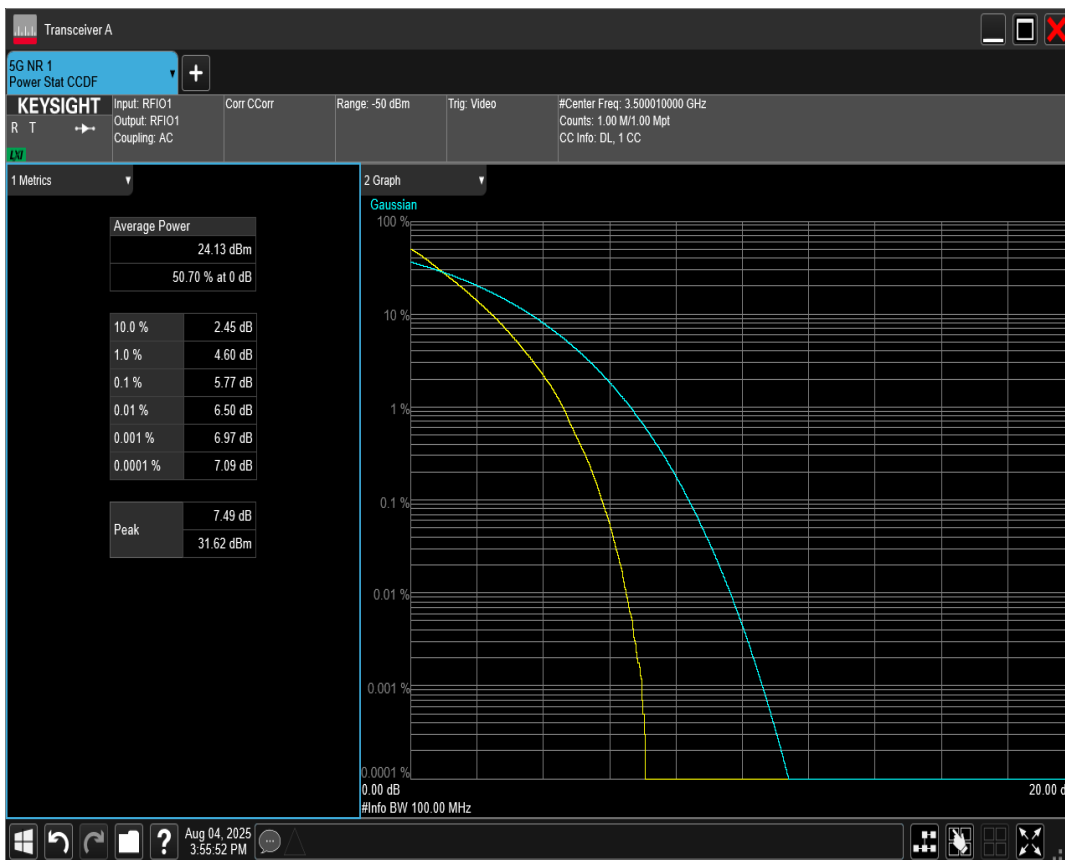
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24 @0*



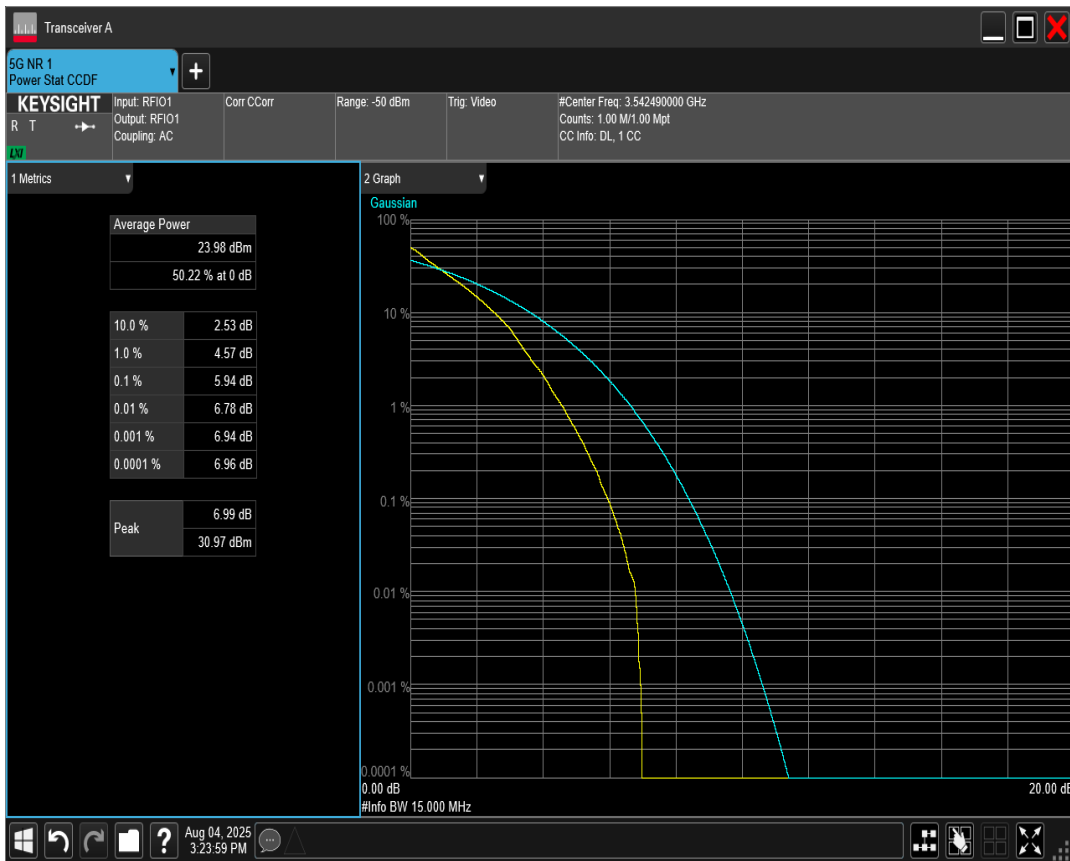
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633666 RB=240 @0*



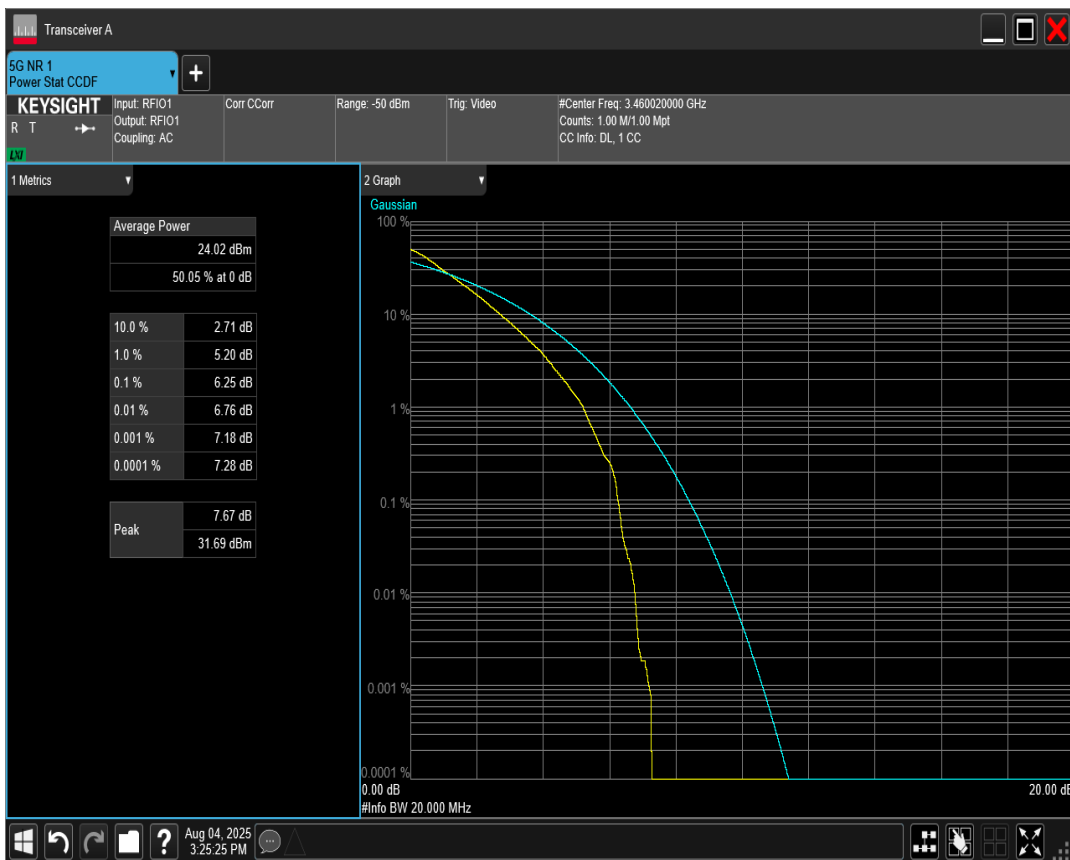
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270 @0*



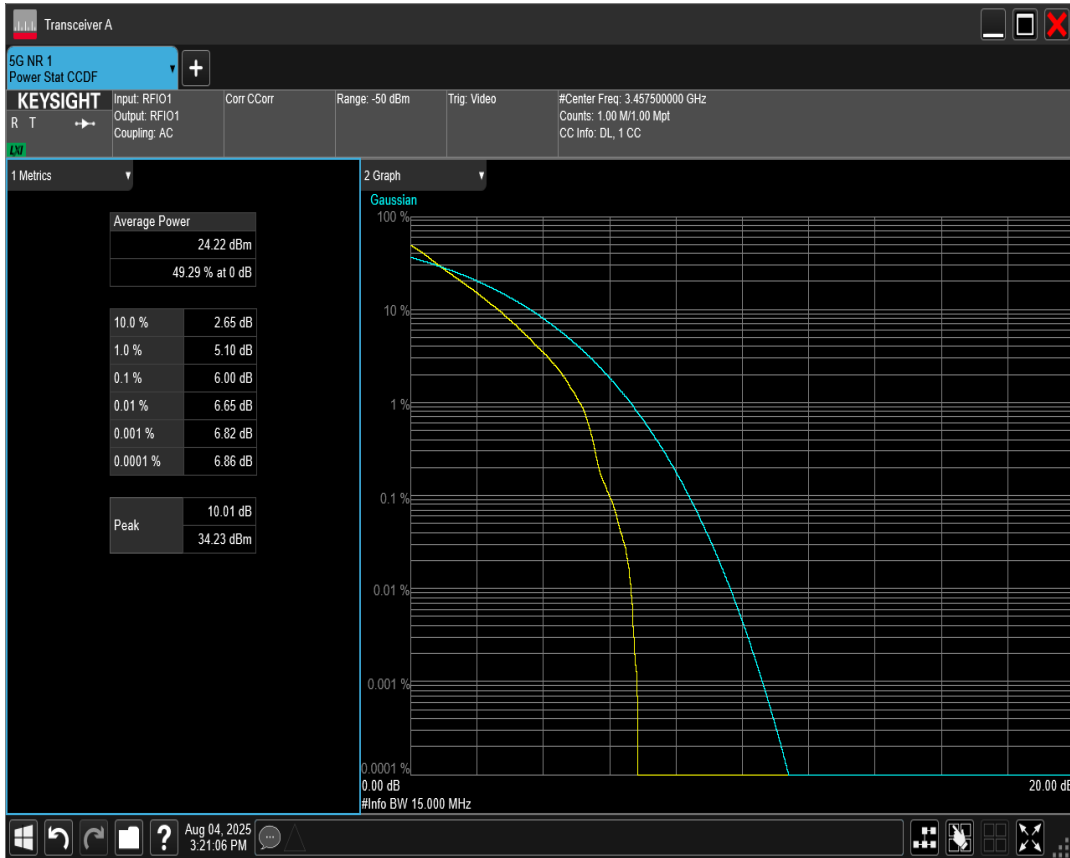
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=636166 RB=36 @0*



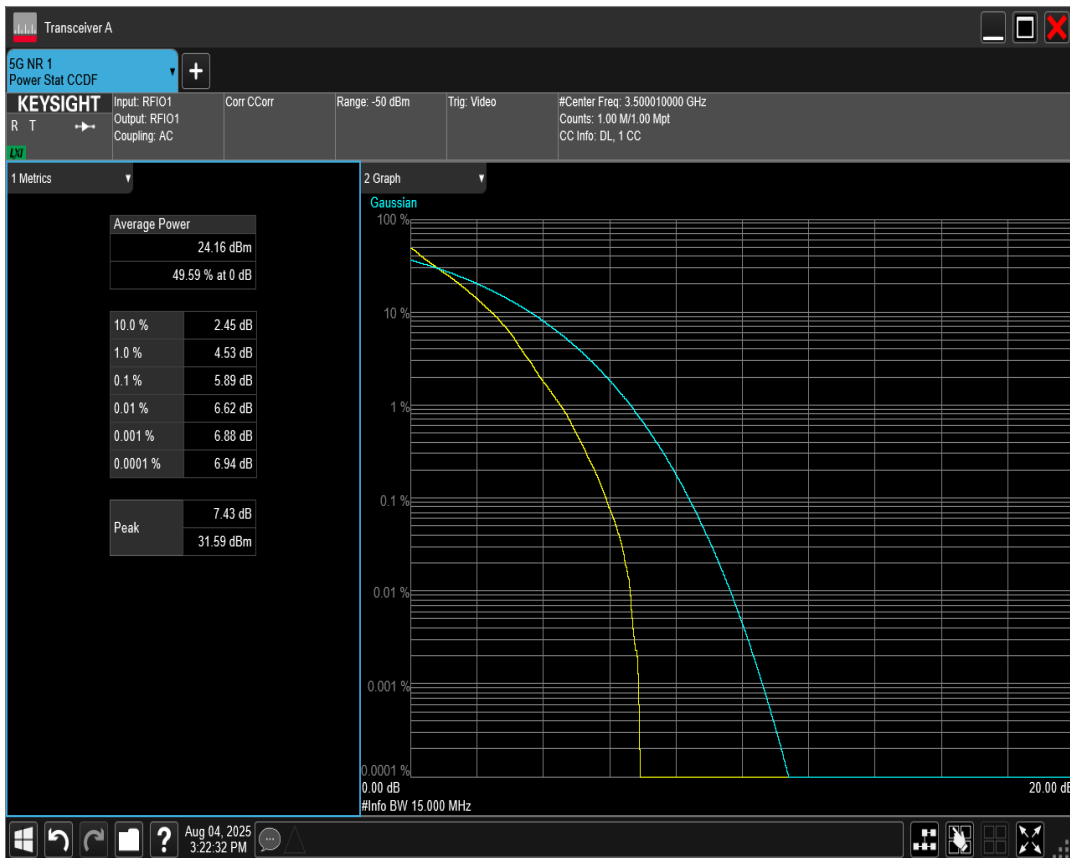
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=630668 RB=50 @0*



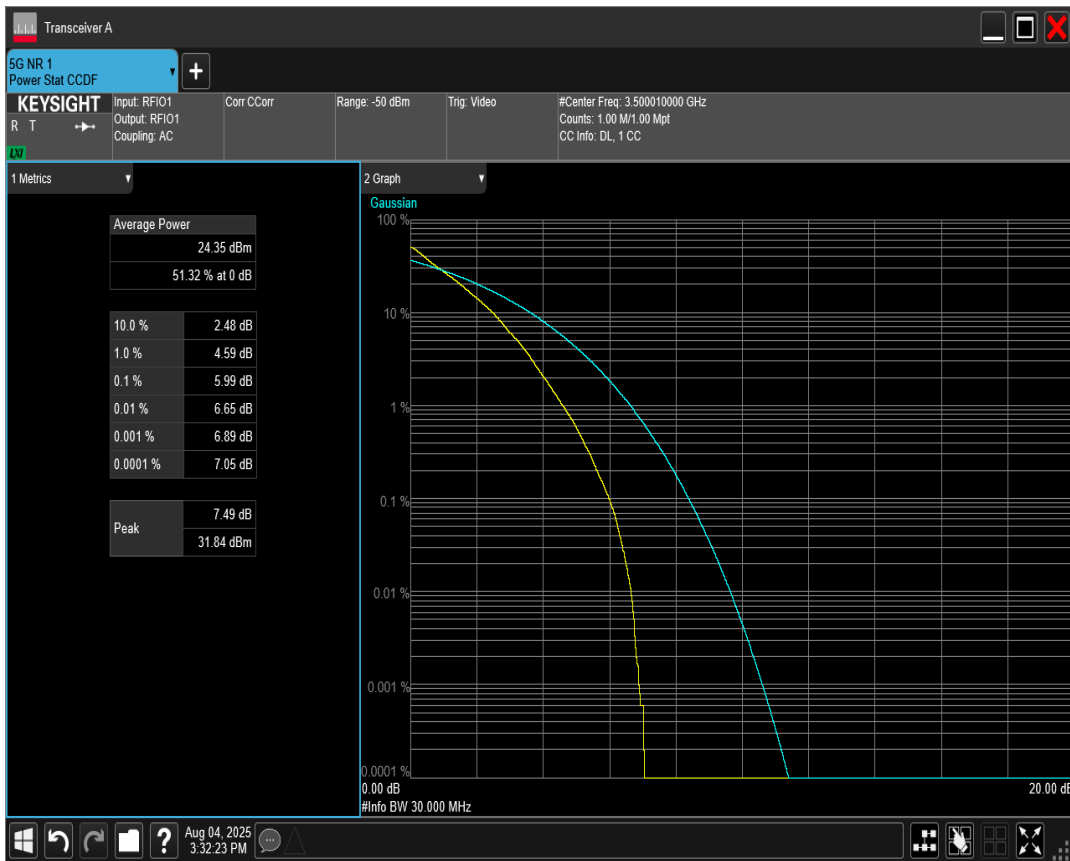
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=630500 RB=36 @0*



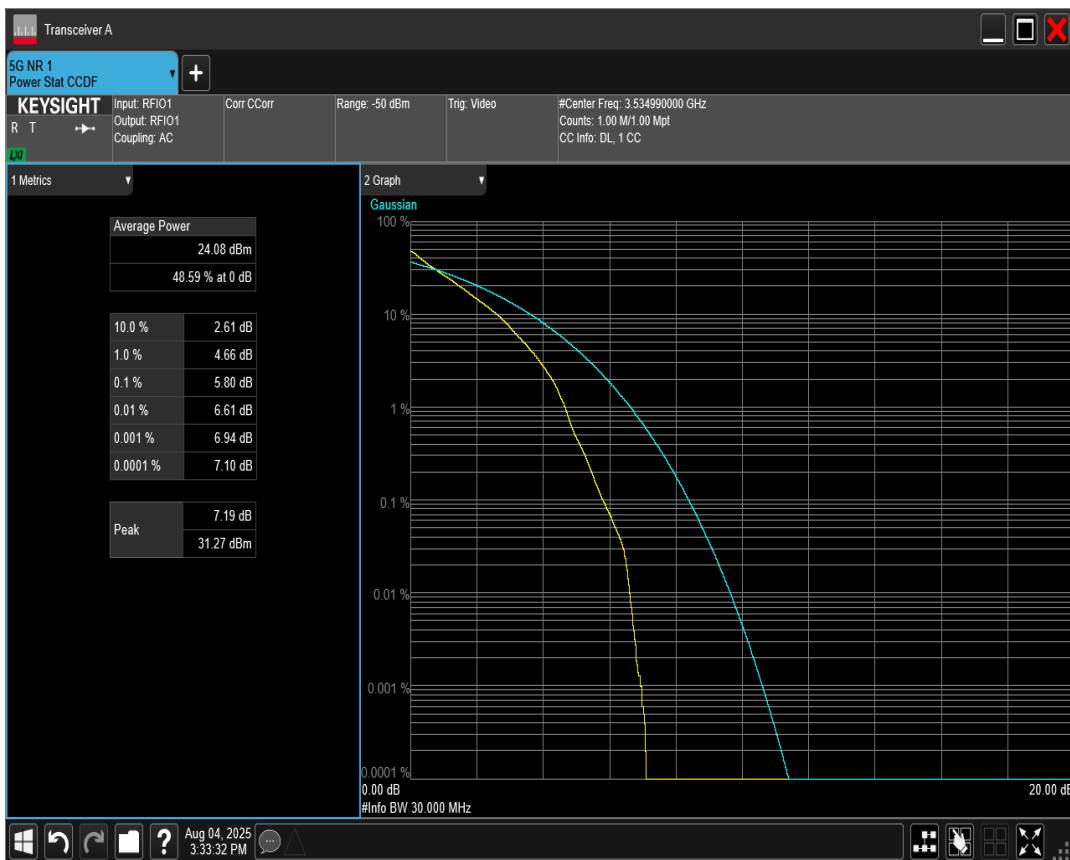
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=633334 RB=36 @0*



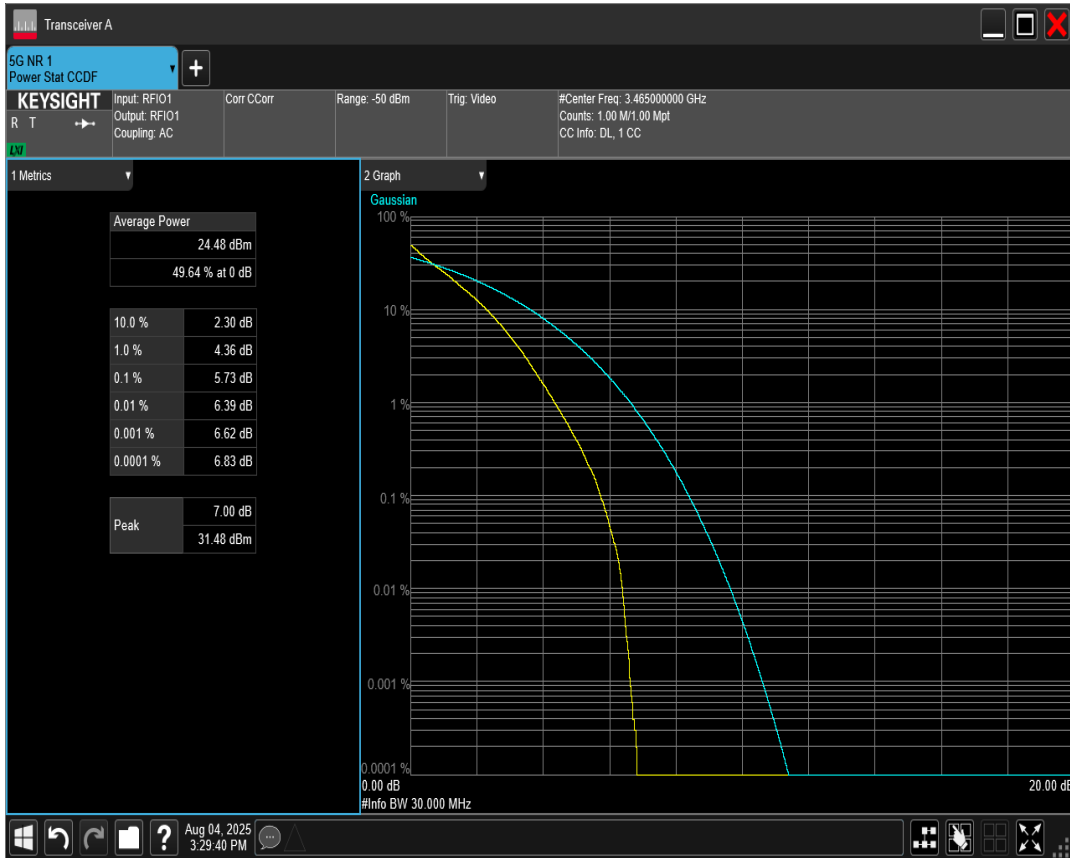
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=633334 RB=75 @0*



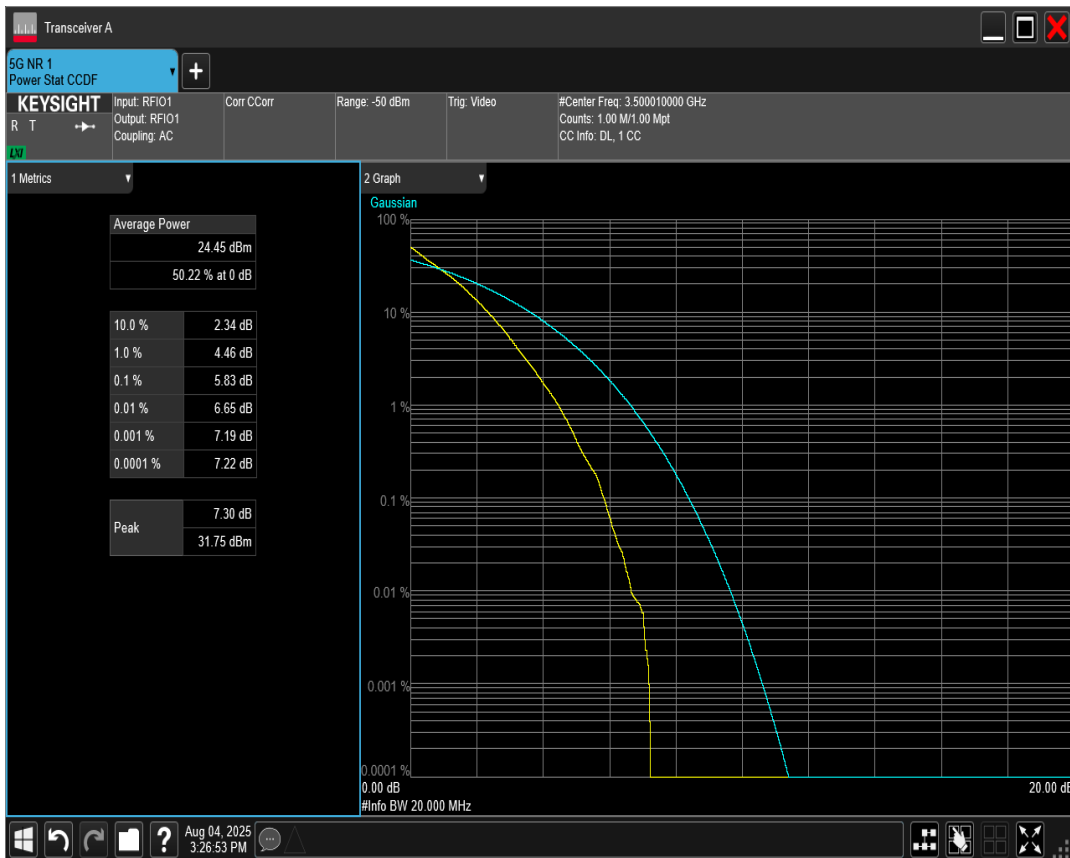
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=635666 RB=75 @0*



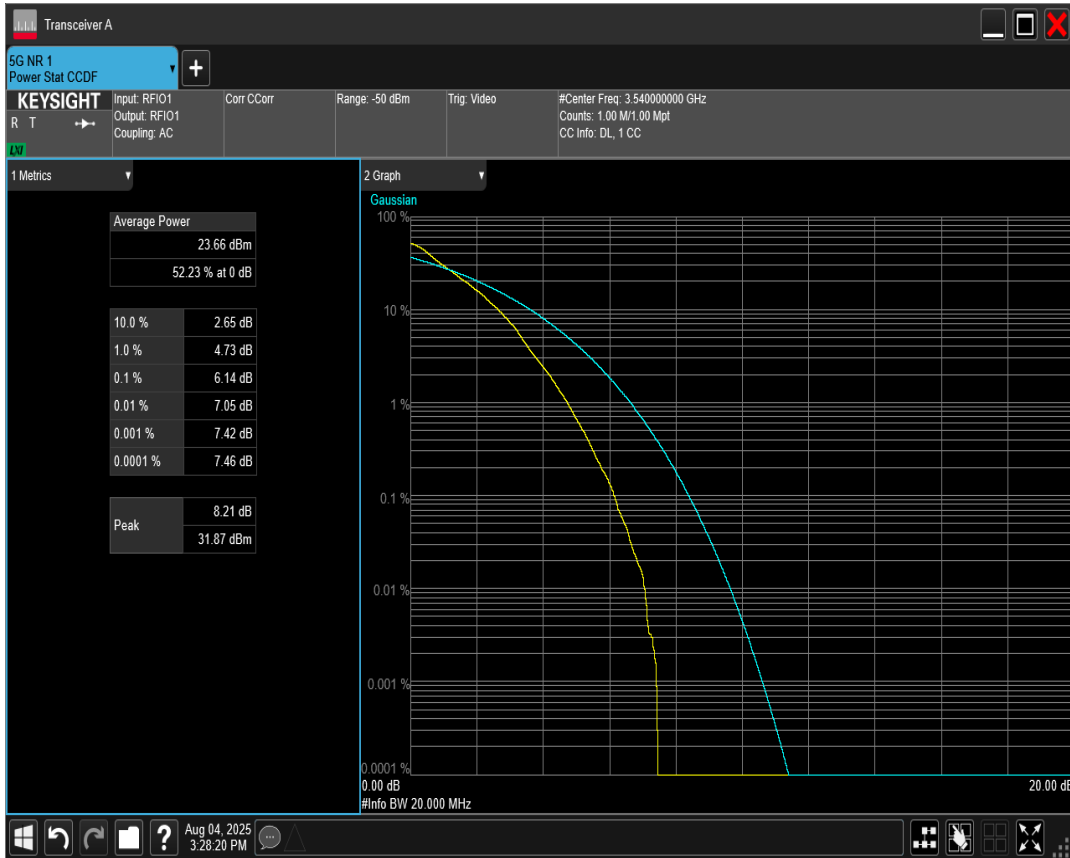
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=631000 RB=75 @0*



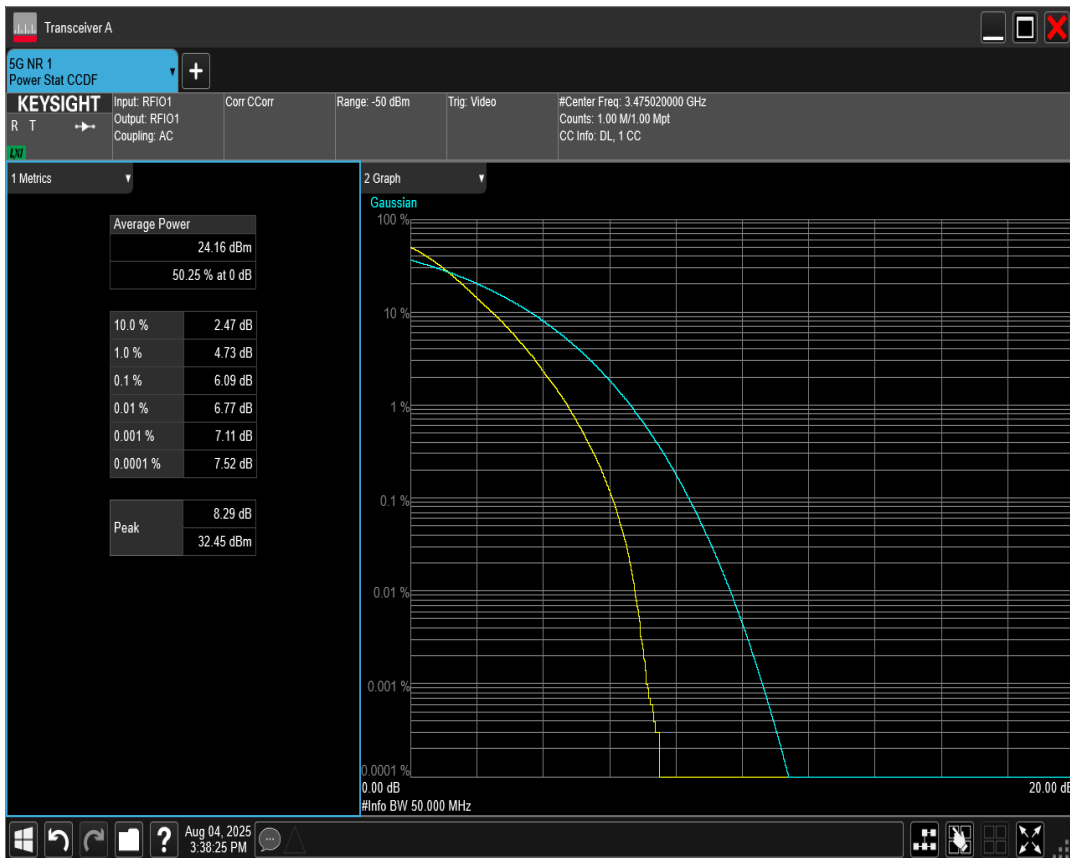
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=50 @0*



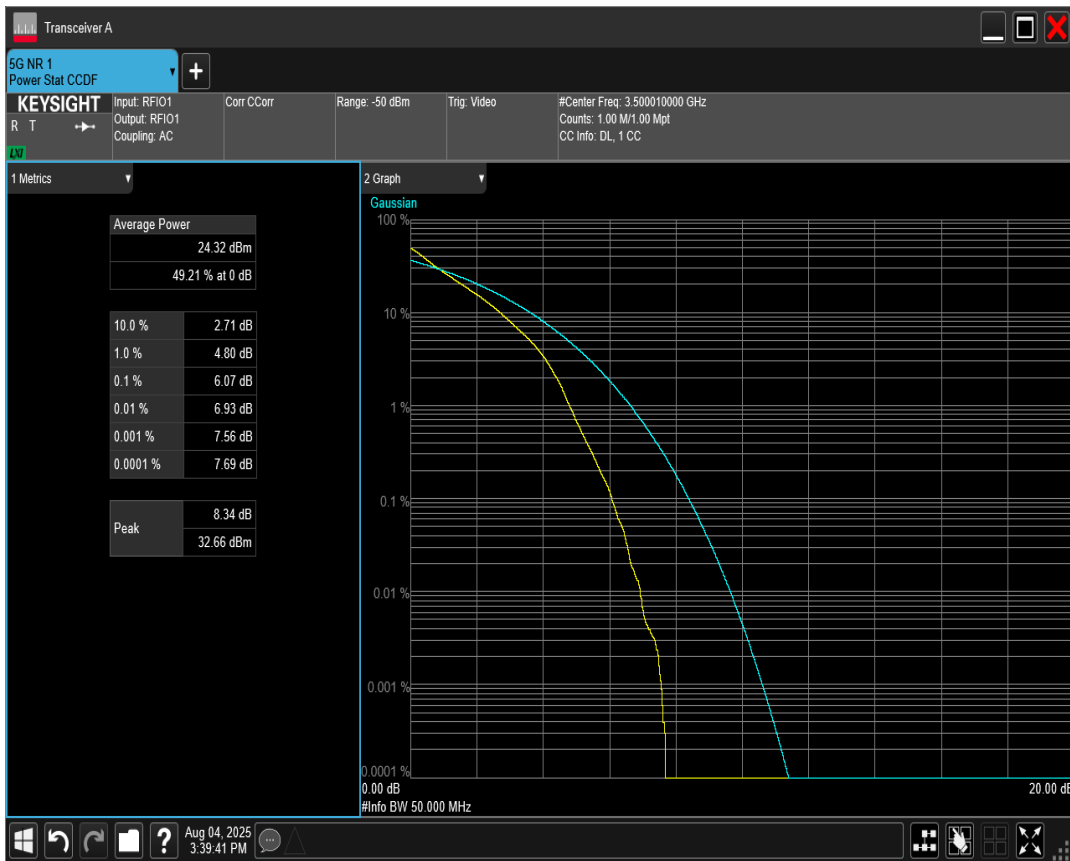
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=636000 RB=50 @0*



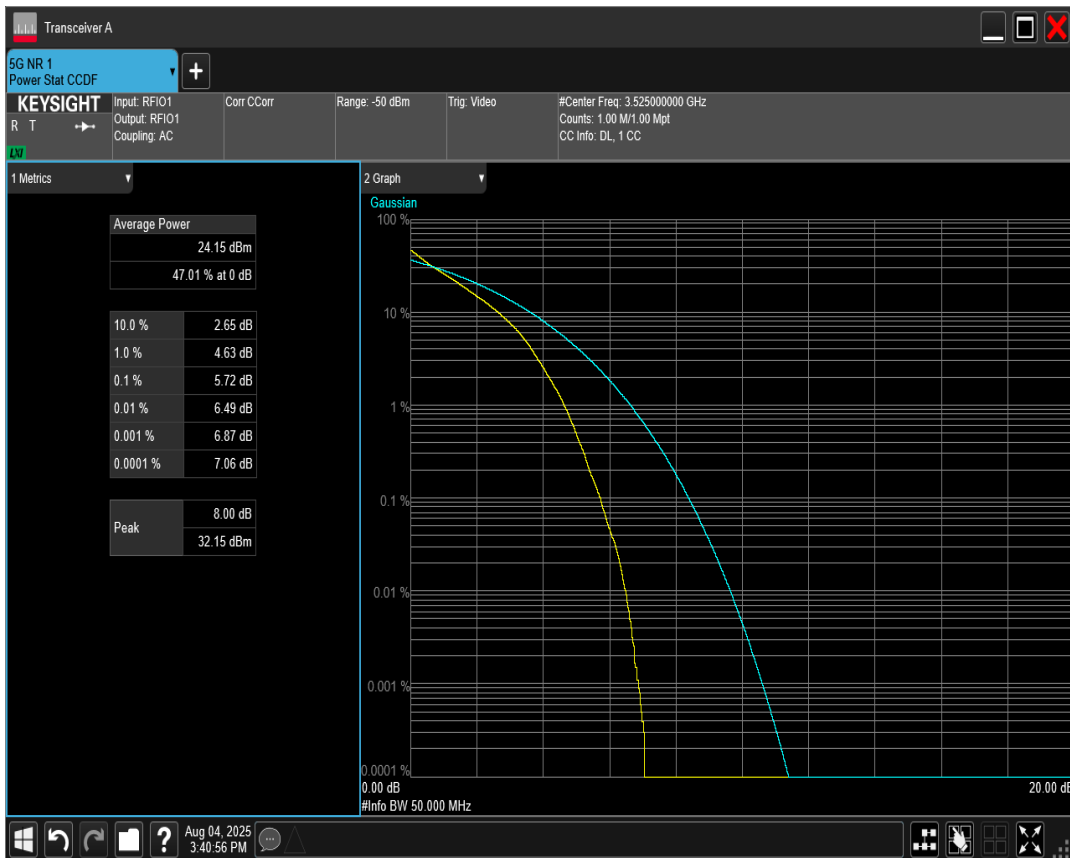
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=631668 RB=128@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=633334 RB=128@0***

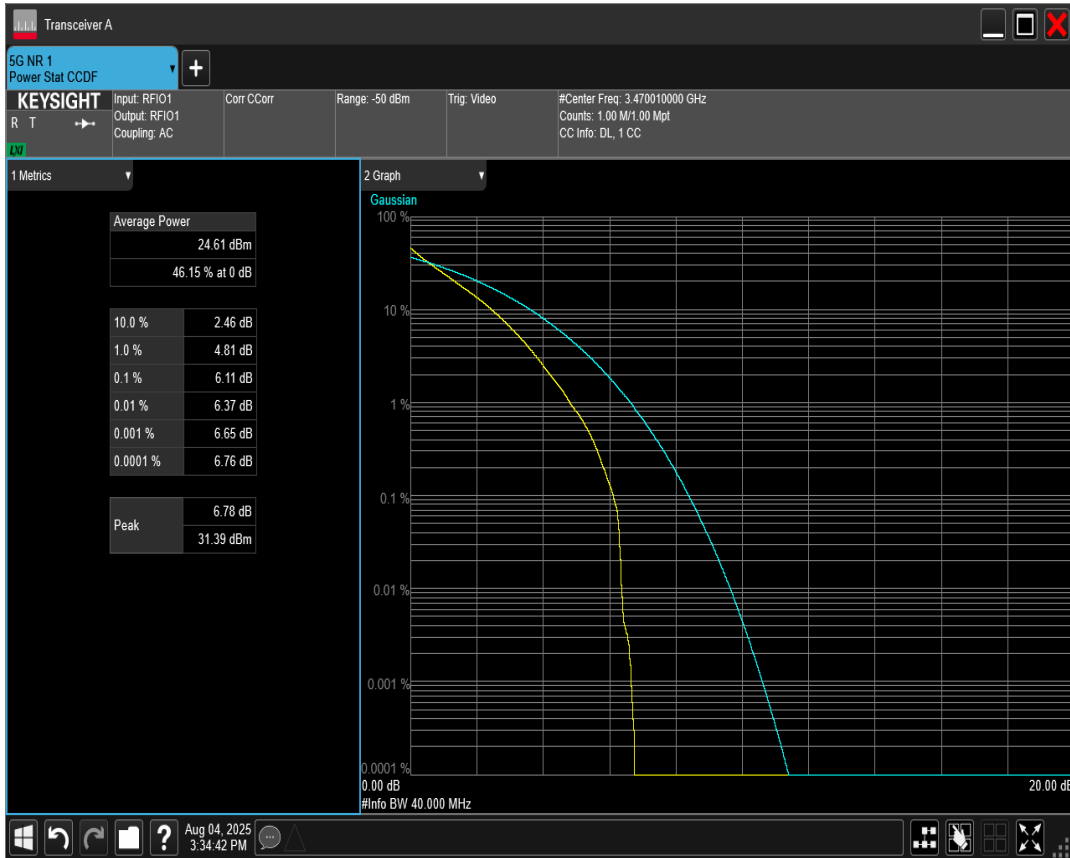


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=635000 RB=128@0*

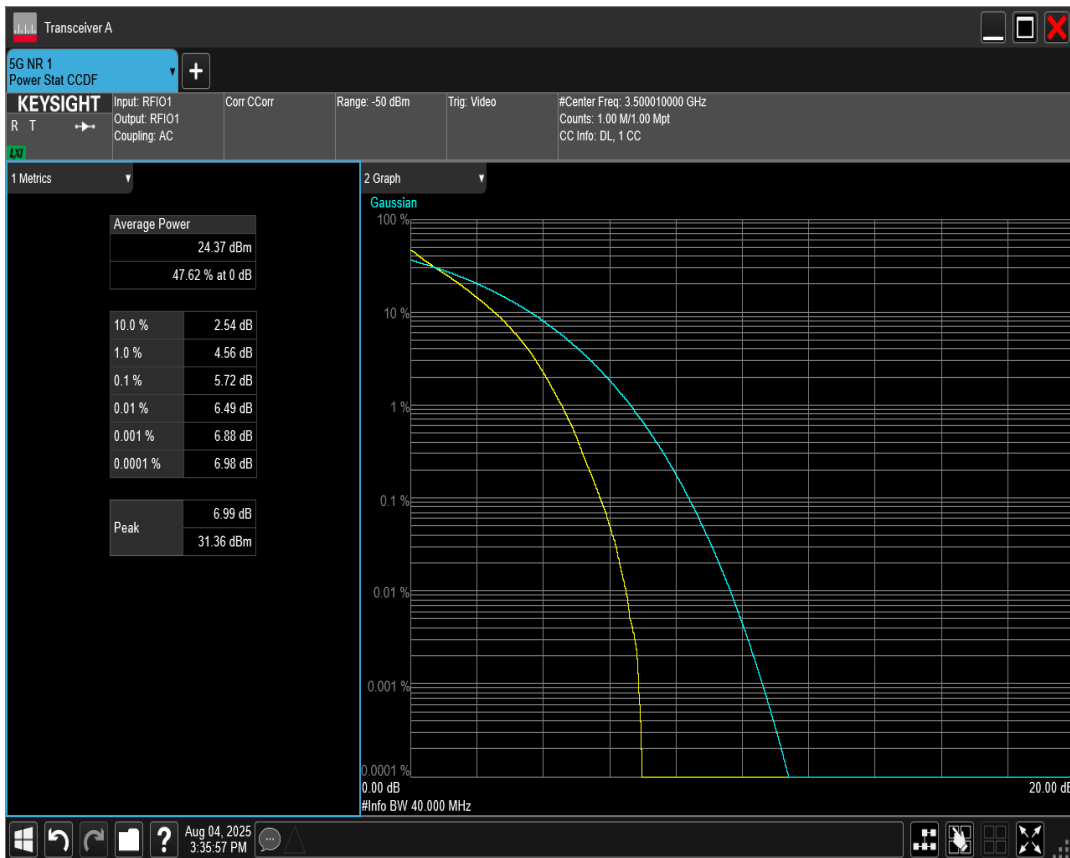


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=631334 RB=100@0*

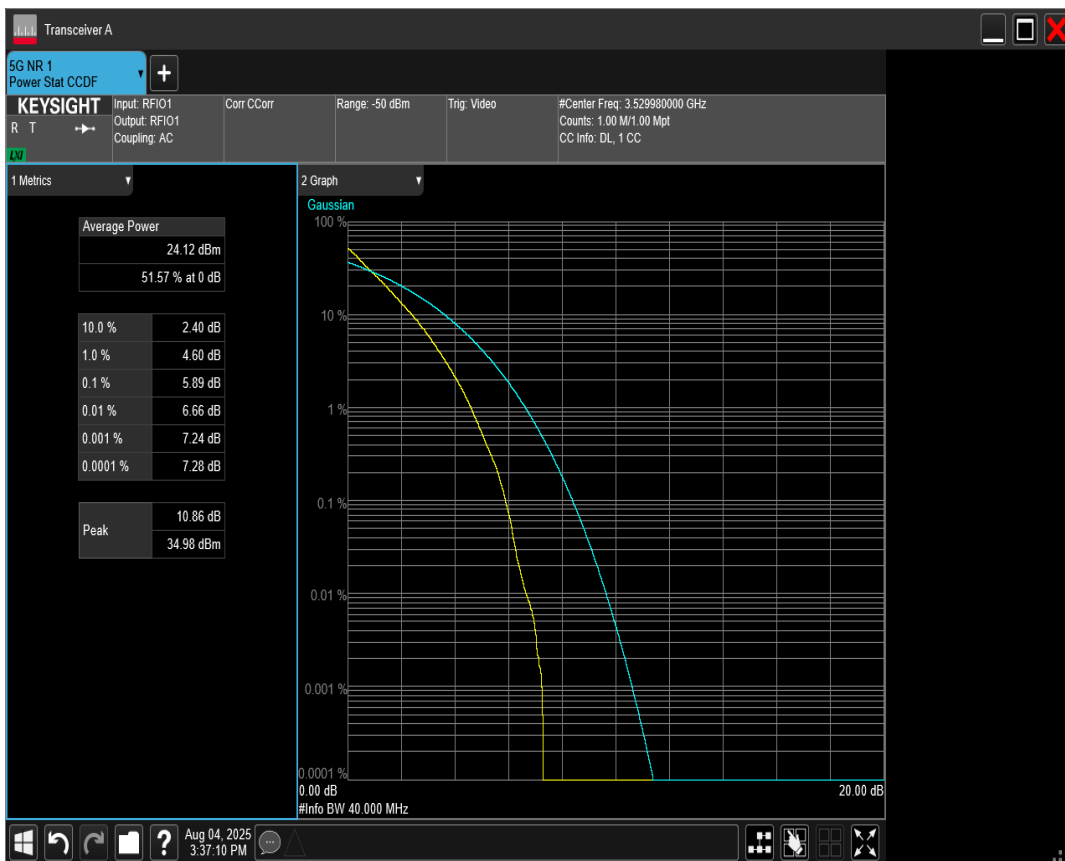




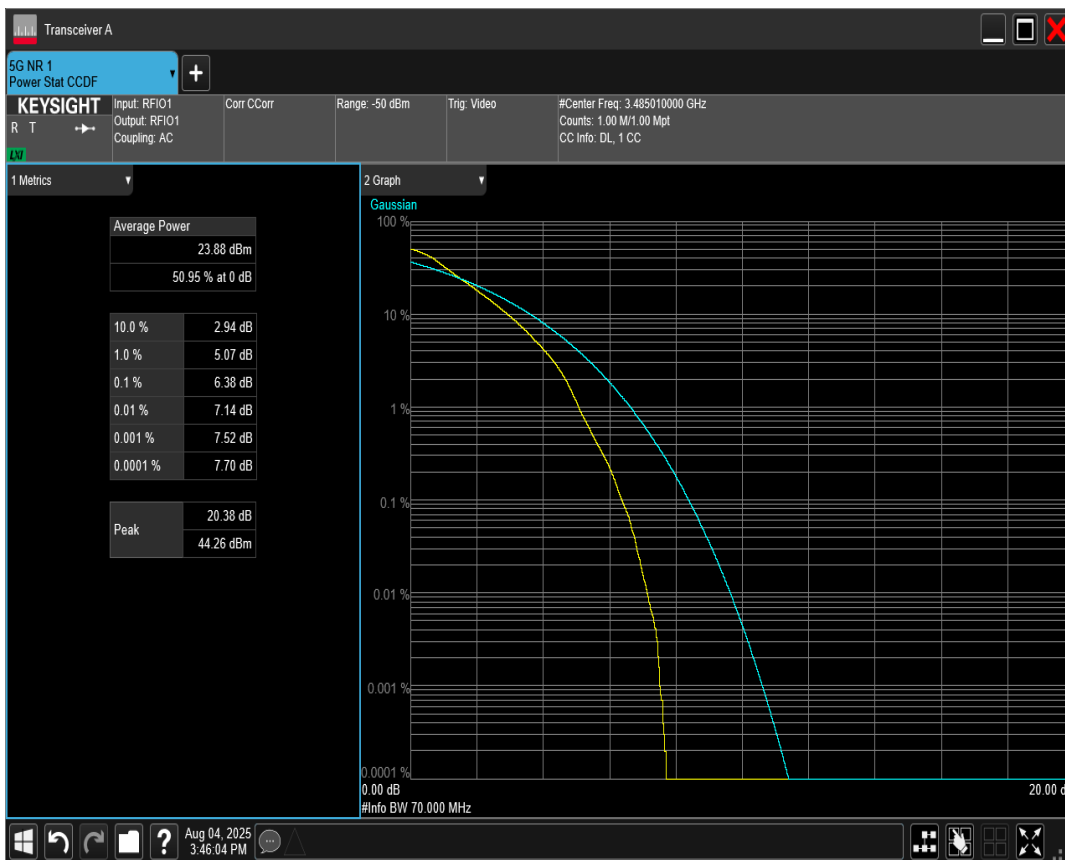
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=633334 RB=100@0***



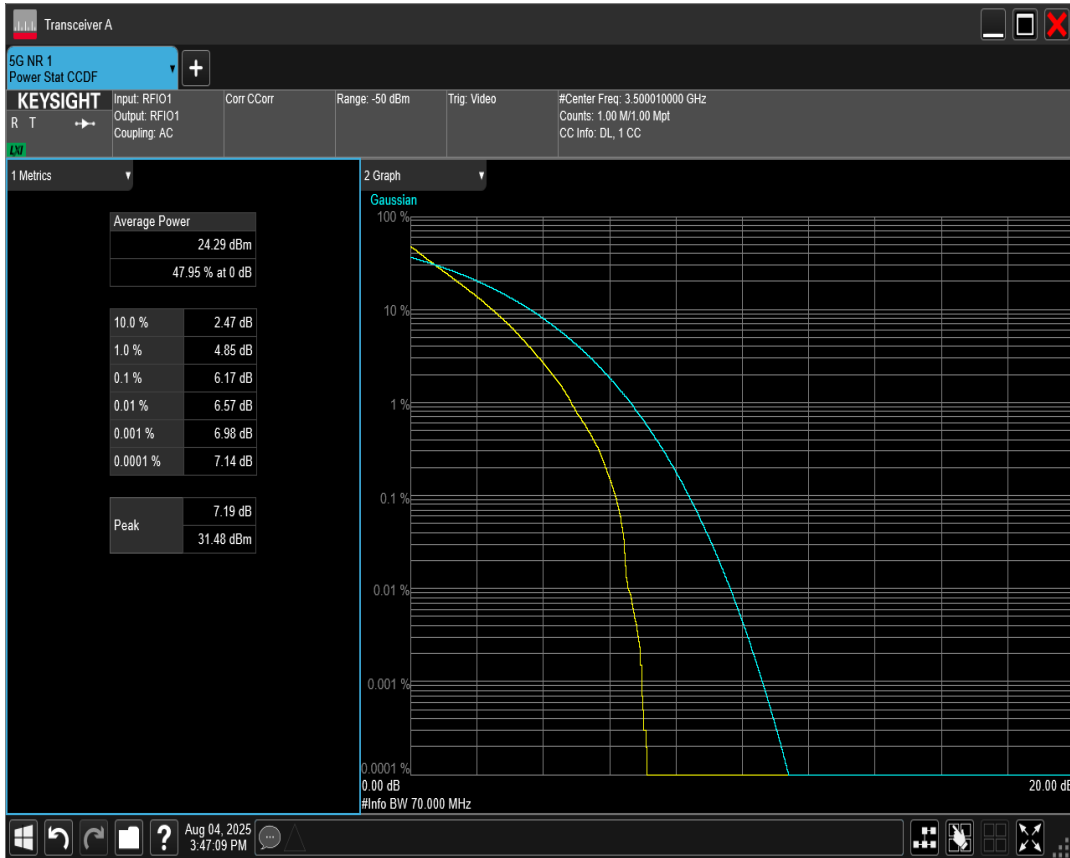
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=635332 RB=100@0***



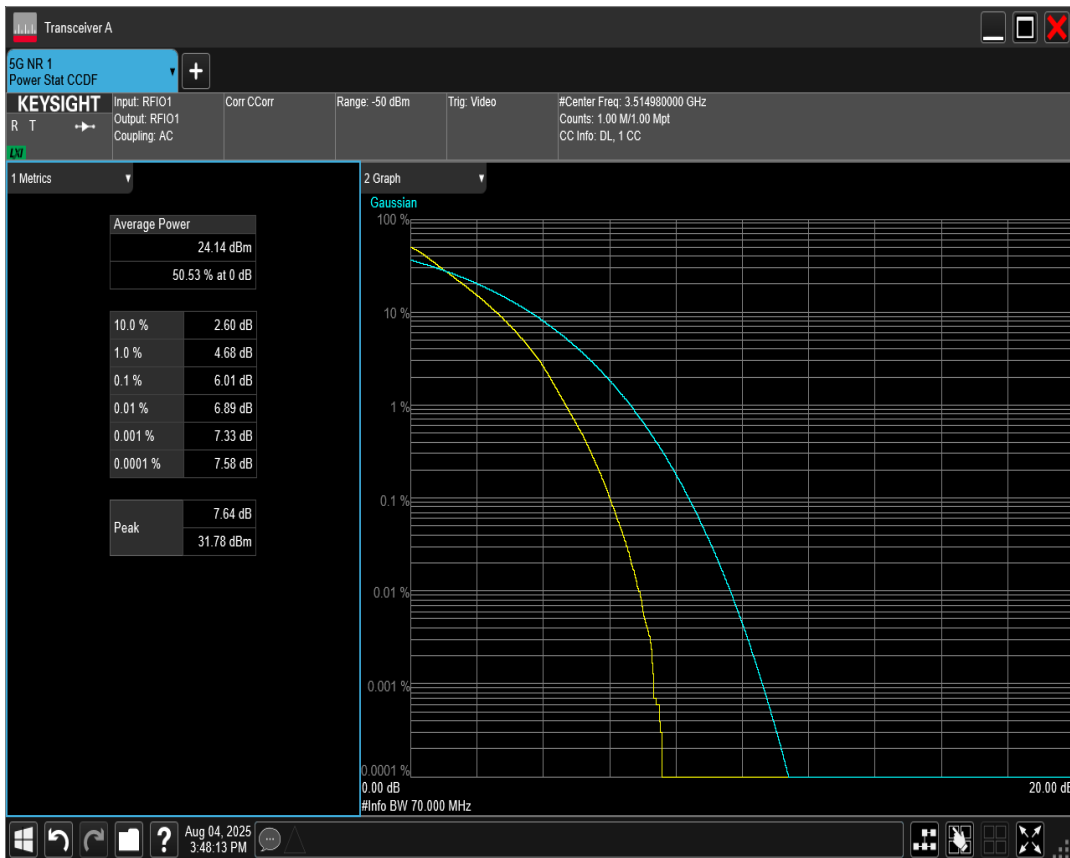
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=632334 RB=180@0***



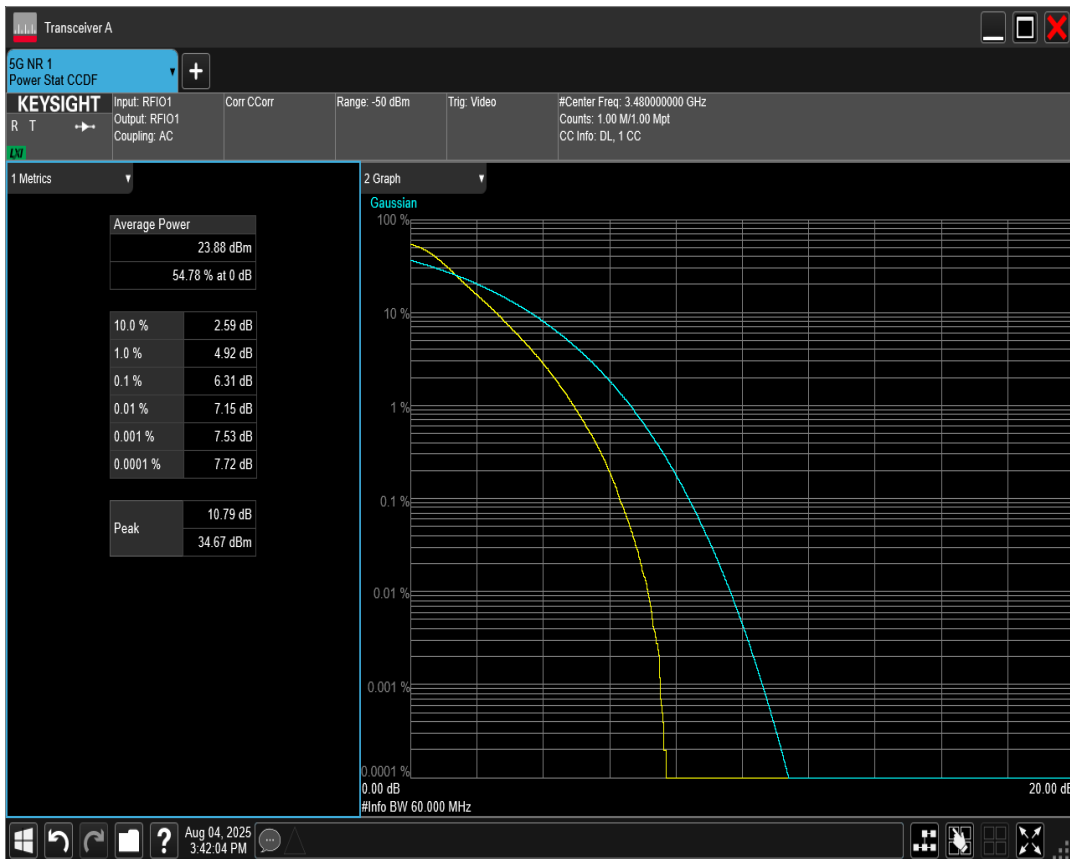
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=633334 RB=180@0***



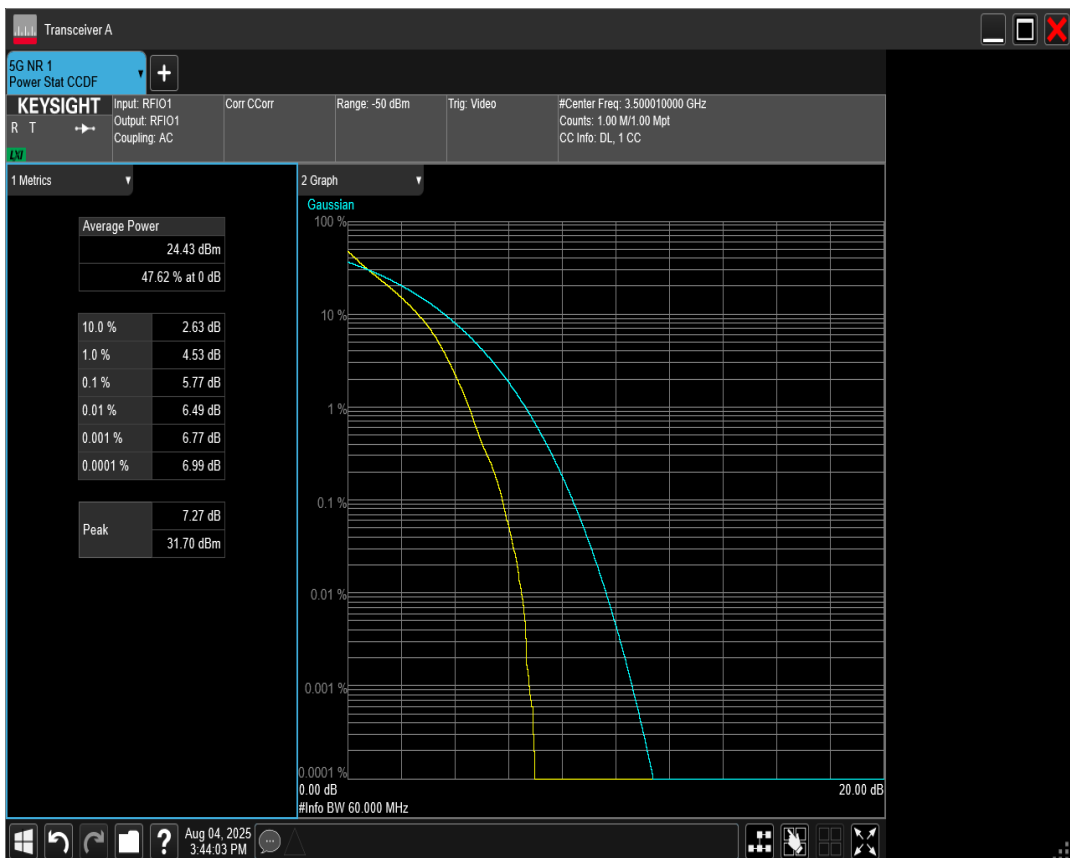
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=634332 RB=180@0***



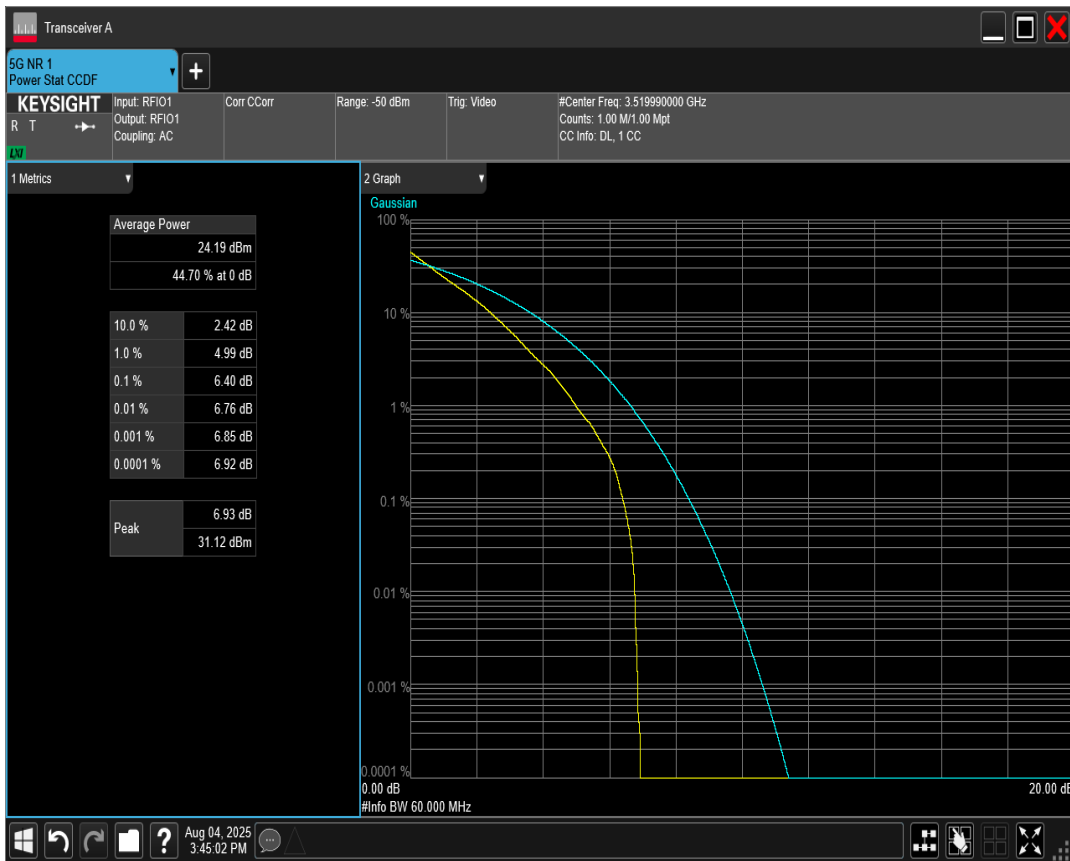
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=632000 RB=162@0***



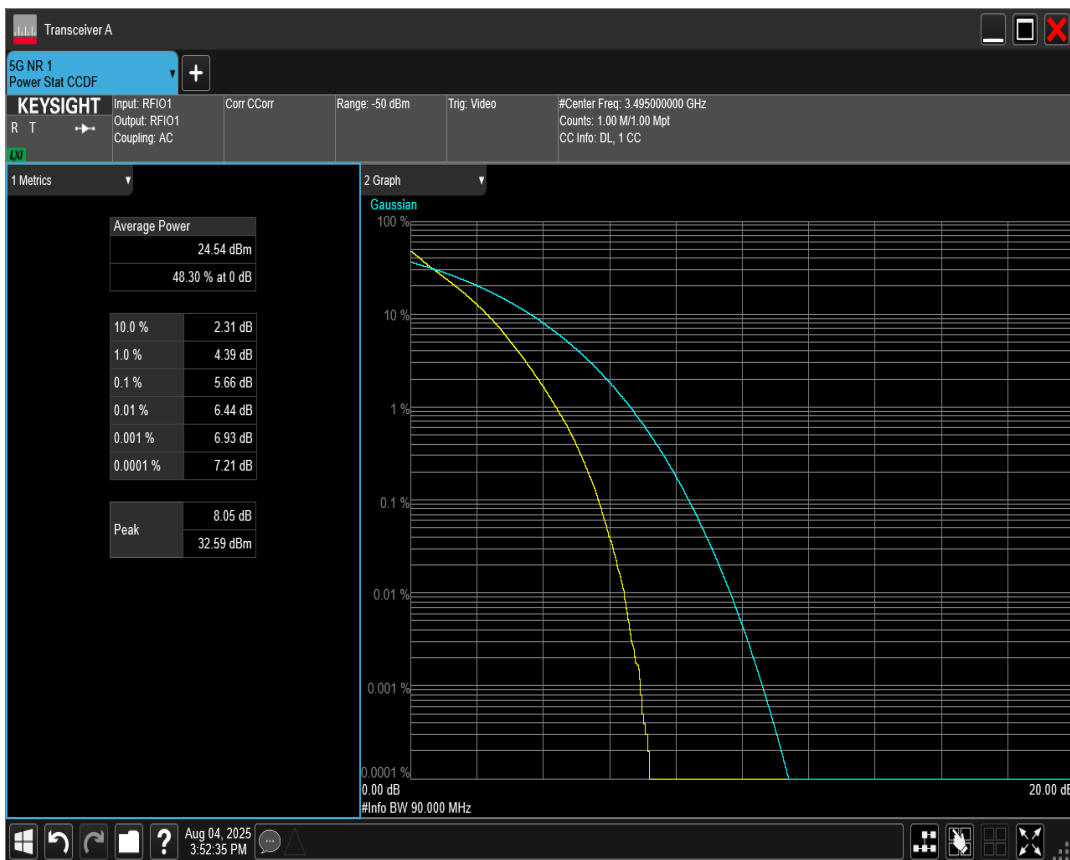
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=633334 RB=162@0*



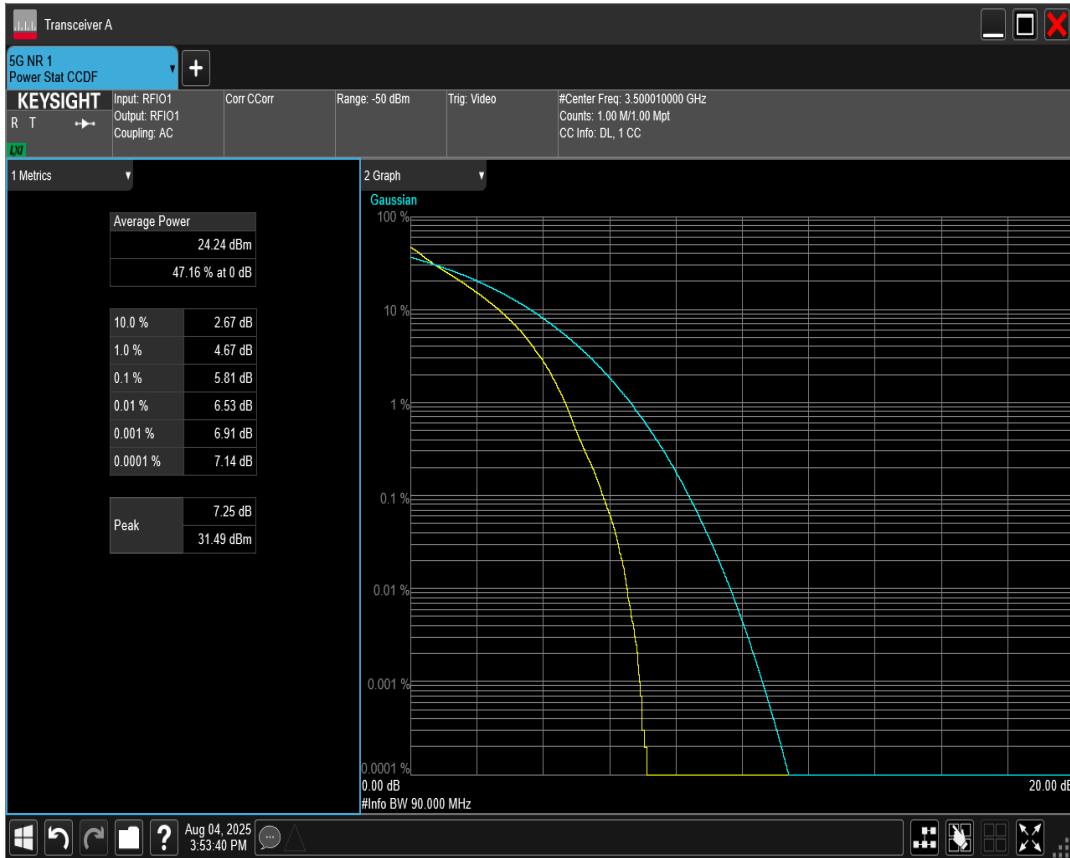
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=634666 RB=162@0*



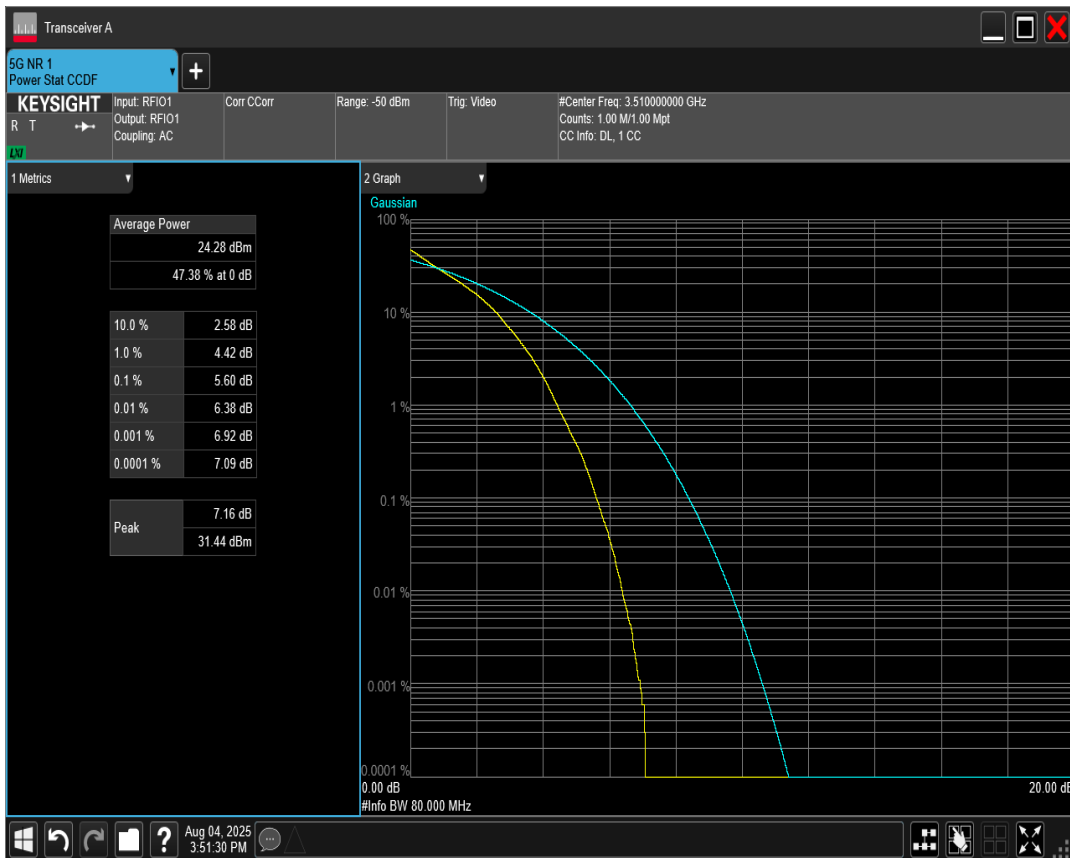
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633000 RB=240@0***



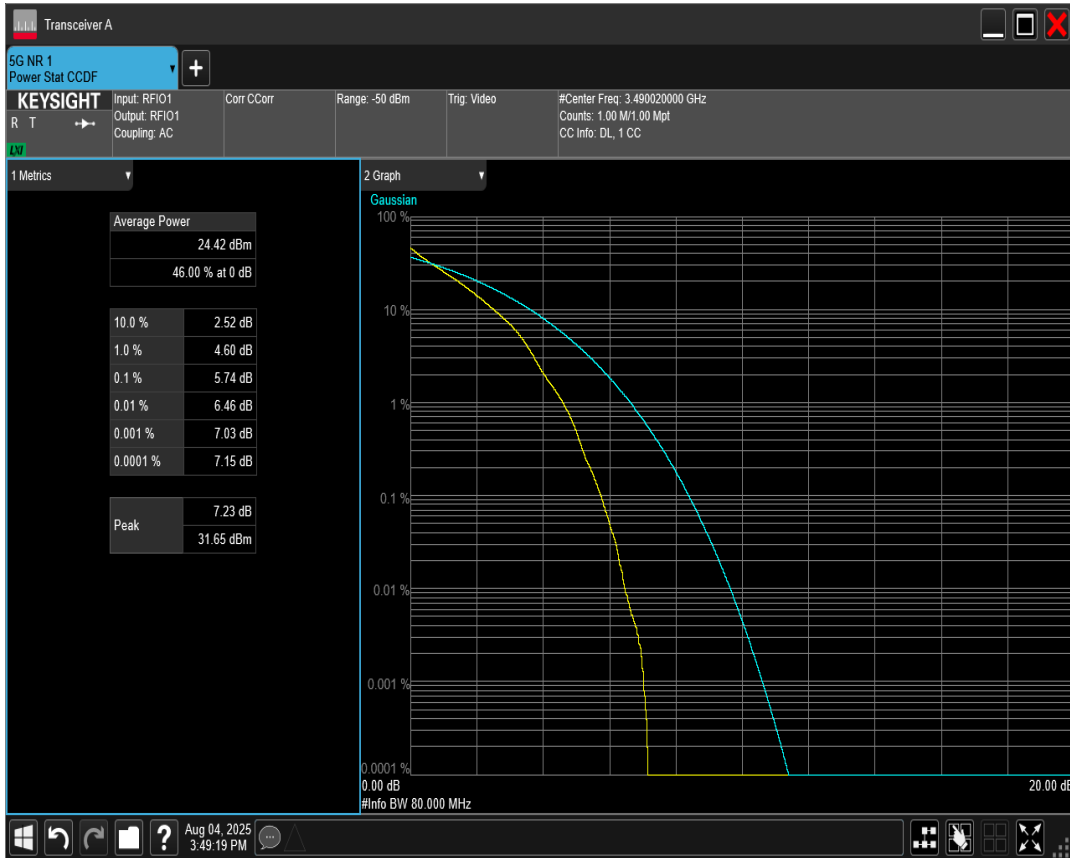
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0***



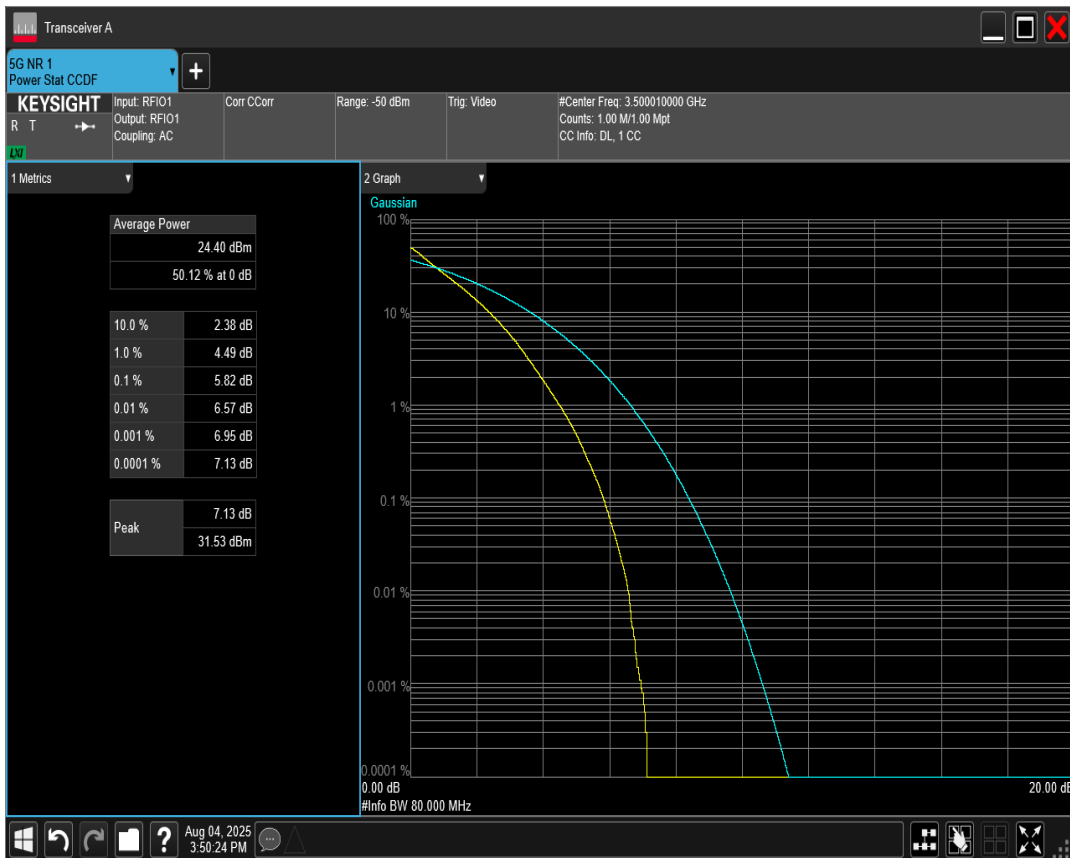
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=634000 RB=216@0***



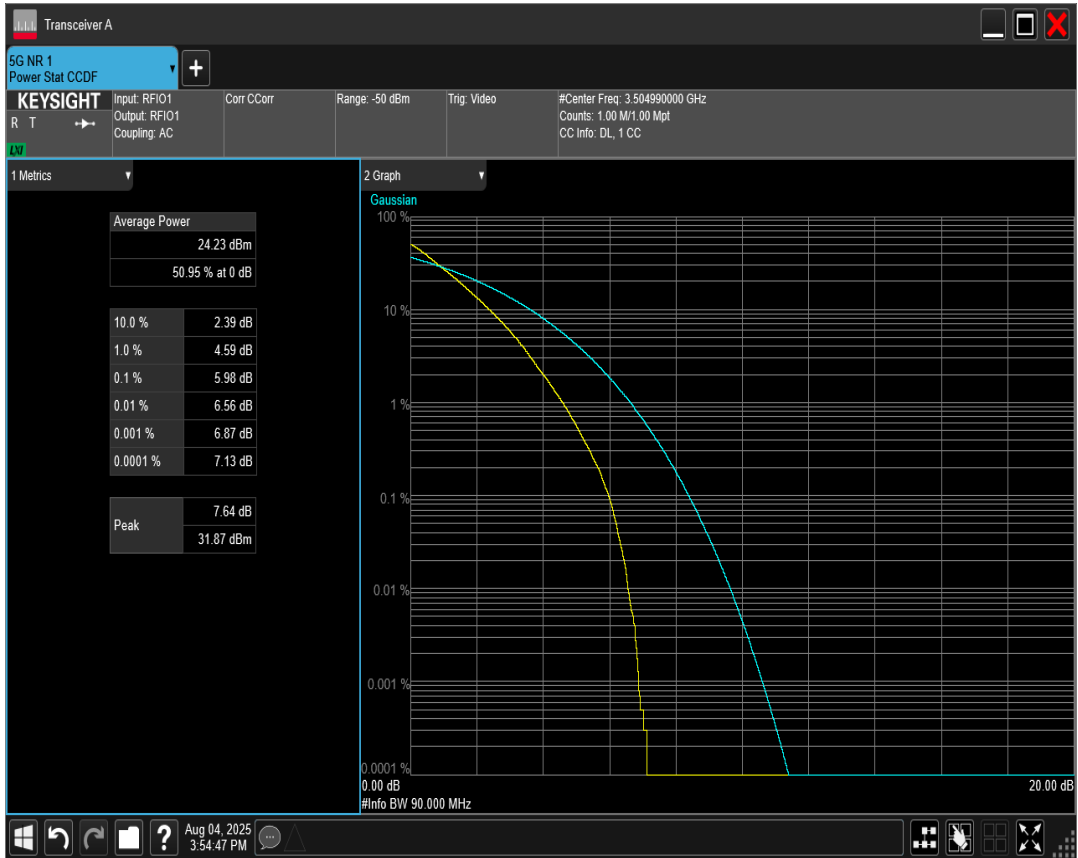
***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=632668 RB=216@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633666 RB=240@0***



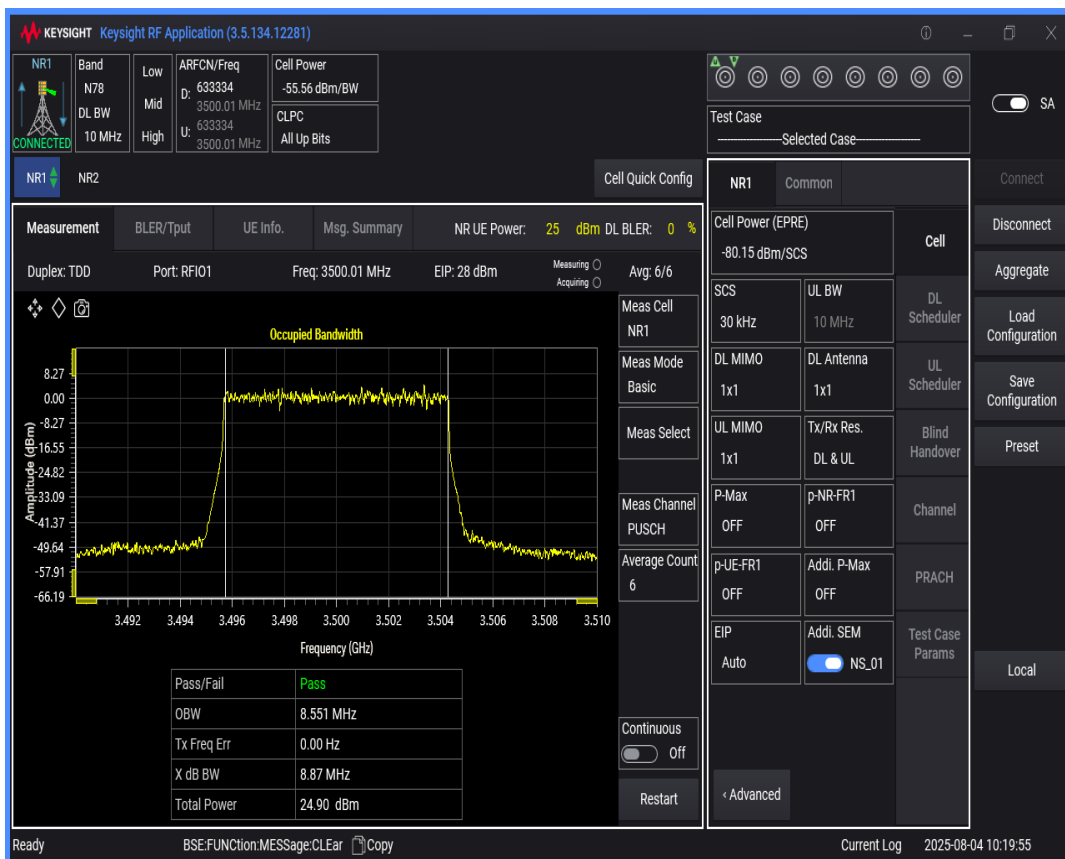


## 4 Occupied bandwidth for NR FR1

<b>Band</b>	<b>SCS (kHz)</b>	<b>Bandwidth (MHz)</b>	<b>UL Channel</b>	<b>RB Allocation</b>	<b>Modulation</b>	<b>99% OBW (MHz)</b>	<b>-26dB EBW (MHz)</b>	<b>Verdict</b>
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.550	8.870	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.580	9.020	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.560	8.970	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.550	8.970	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.540	8.890	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.460	13.240	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.460	13.280	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.480	13.270	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.410	13.320	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.510	13.210	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	17.990	18.300	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.010	18.340	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.030	18.320	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM64	17.980	18.270	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM256	17.960	18.280	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.690	27.280	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.540	27.500	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.580	27.310	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.500	27.320	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.560	27.410	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.610	36.330	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.560	36.330	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.500	36.390	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.510	36.460	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.510	36.440	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	46.970	46.400	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	46.960	46.350	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM16	46.900	46.410	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.010	46.350	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.080	46.390	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.700	58.570	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.690	58.550	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.620	58.610	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.690	58.520	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.850	58.710	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	66.670	65.090	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	66.870	65.110	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM16	66.830	65.090	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM64	66.840	65.020	PASS

n78(3450-3550)	30	70	633334	180@0	DFT_QAM256	66.770	65.100	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	76.960	78.180	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	76.940	78.160	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM16	76.950	78.040	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM64	76.940	78.000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.040	78.040	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.550	86.740	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.420	86.670	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.440	86.660	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.420	86.630	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.650	86.680	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.280	97.520	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.310	97.630	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.280	97.560	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.170	97.540	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.300	97.500	PASS

**n78(3450-3550) SCS=30kHz DFT\_BPSK BW=10MHz Channel=633334 RB=24@0**



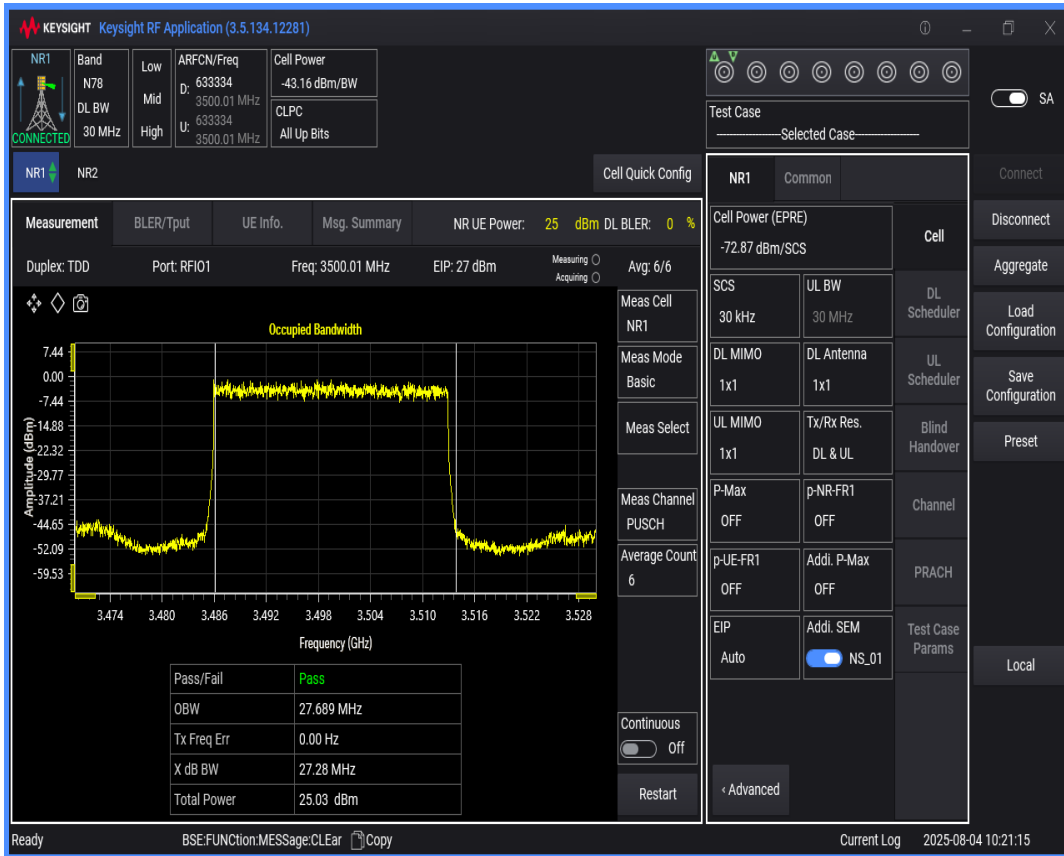
**n78(3450-3550) SCS=30kHz DFT\_BPSK BW=100MHz Channel=633334 RB=270@0**



**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=70MHz Channel=633334 RB=180@0**



**n78(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=633334 RB=162@0**



**n78(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=633334 RB=216@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=633334 RB=24@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=633334 RB=270@0**



**n78(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=633334 RB=100@0**





**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=633334 RB=128@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=75@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=70MHz Channel=633334 RB=180@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=633334 RB=162@0**