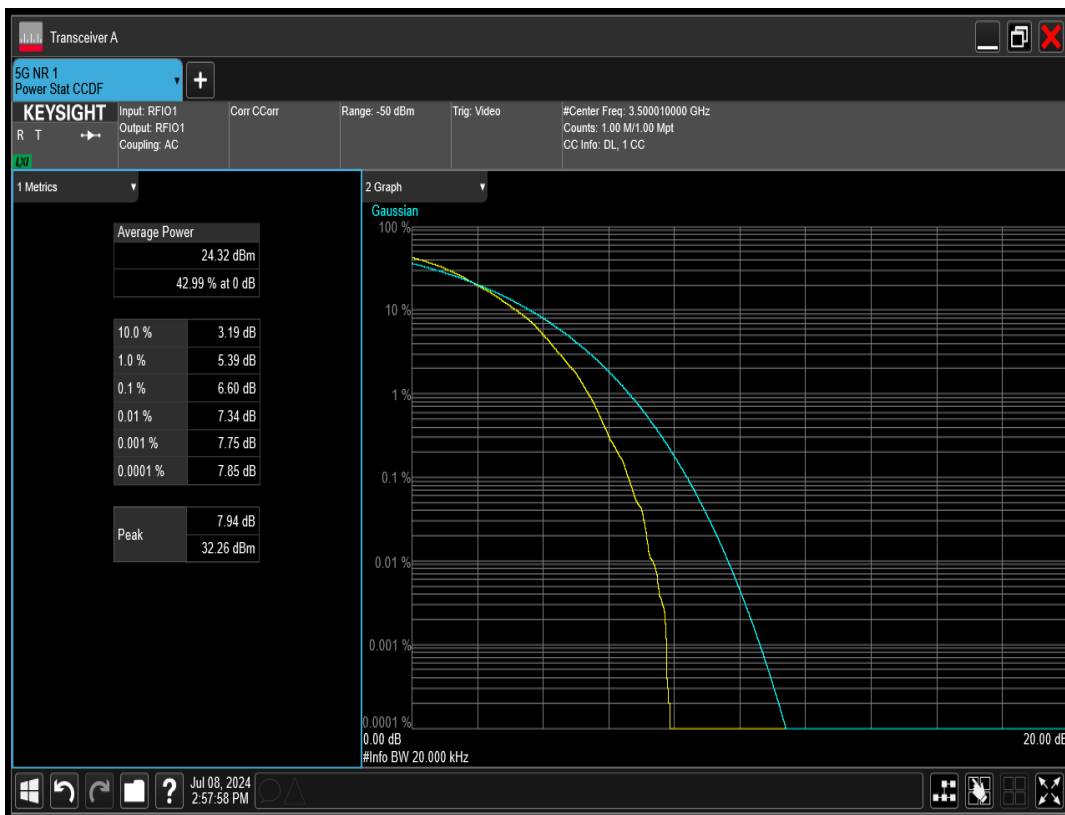
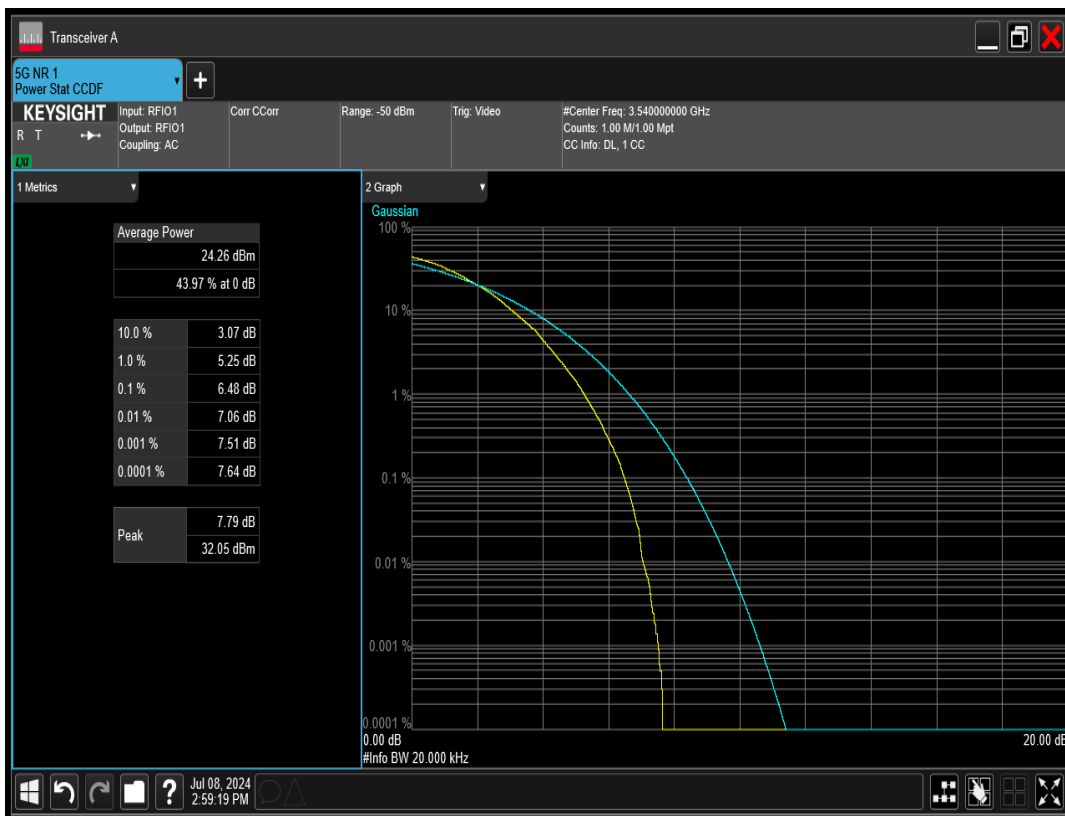


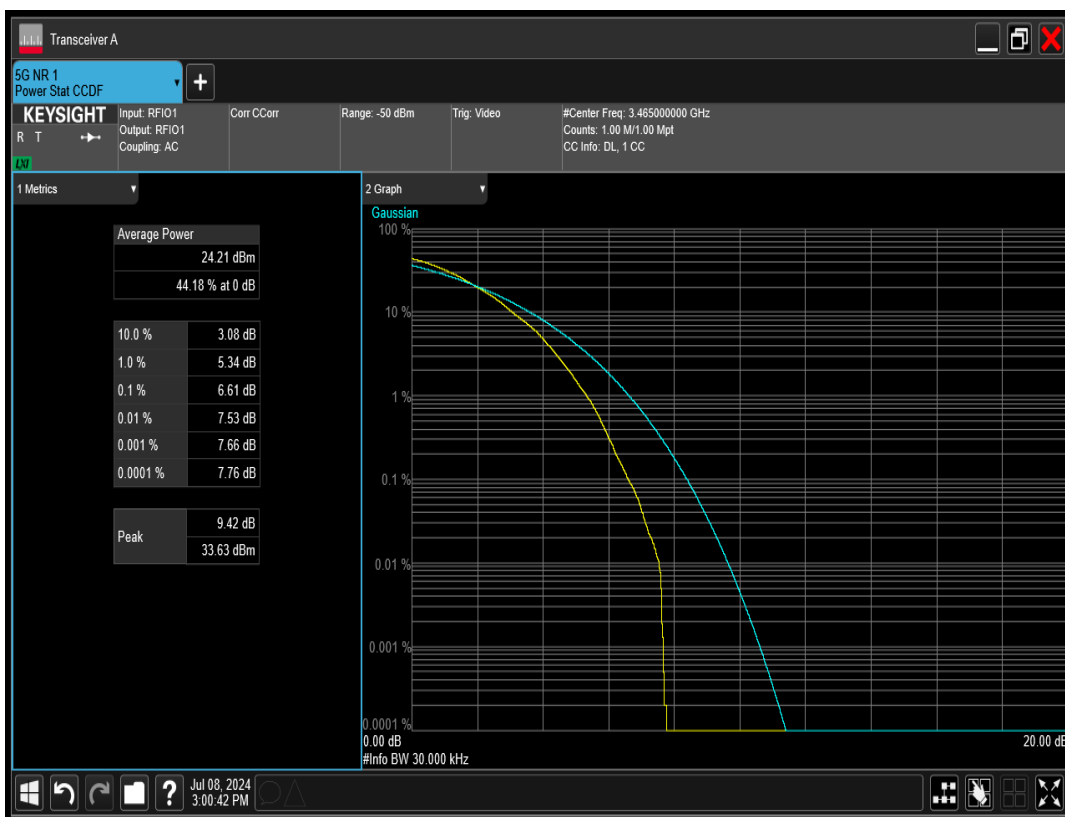
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=50@0*



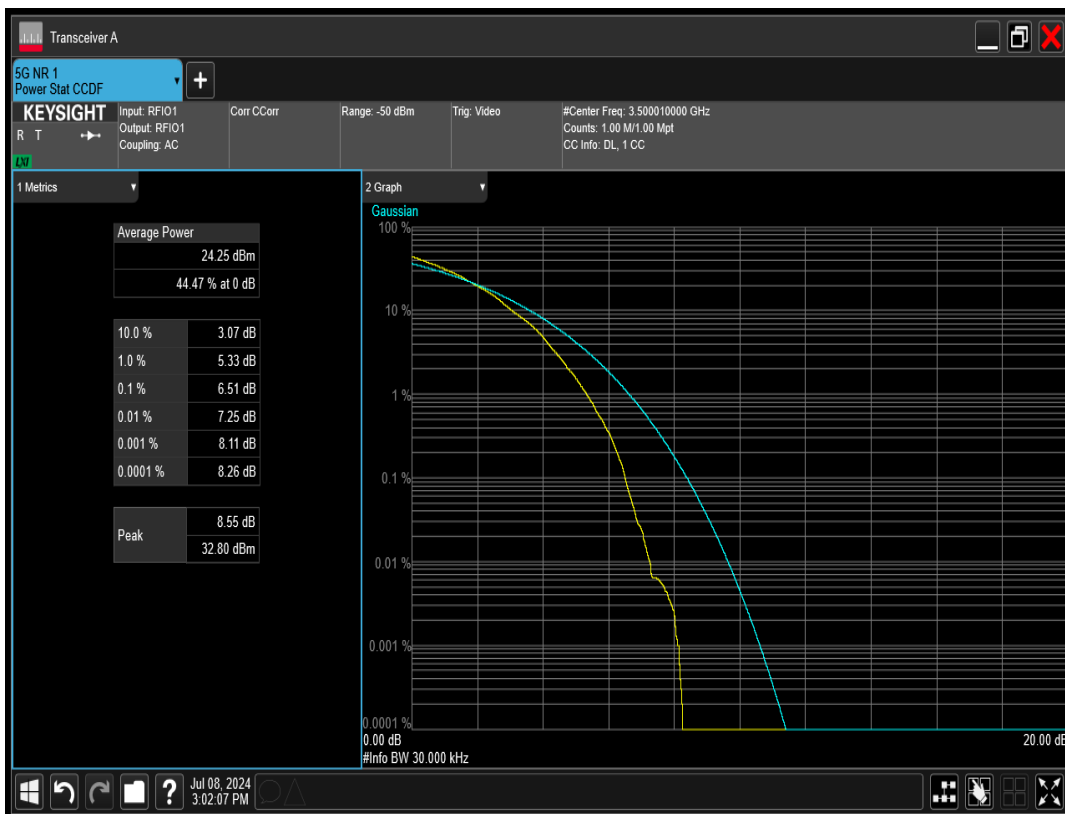
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=636000 RB=50@0*



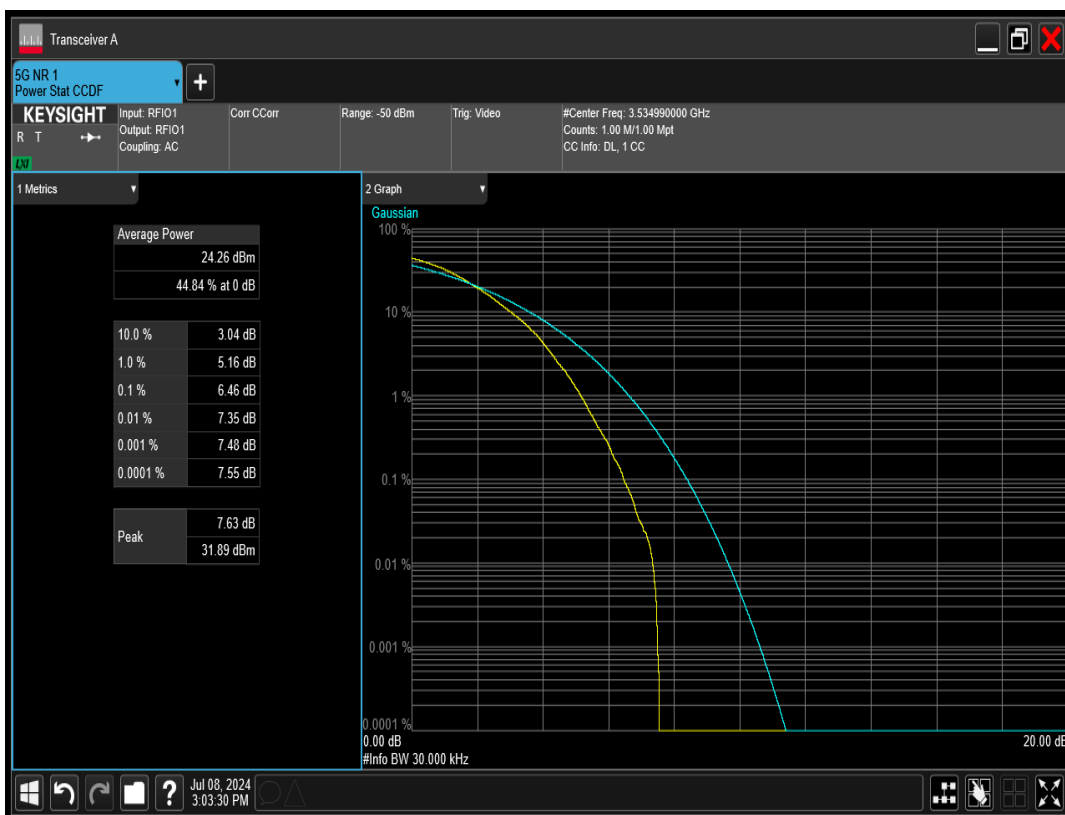
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=631000 RB=75@0*



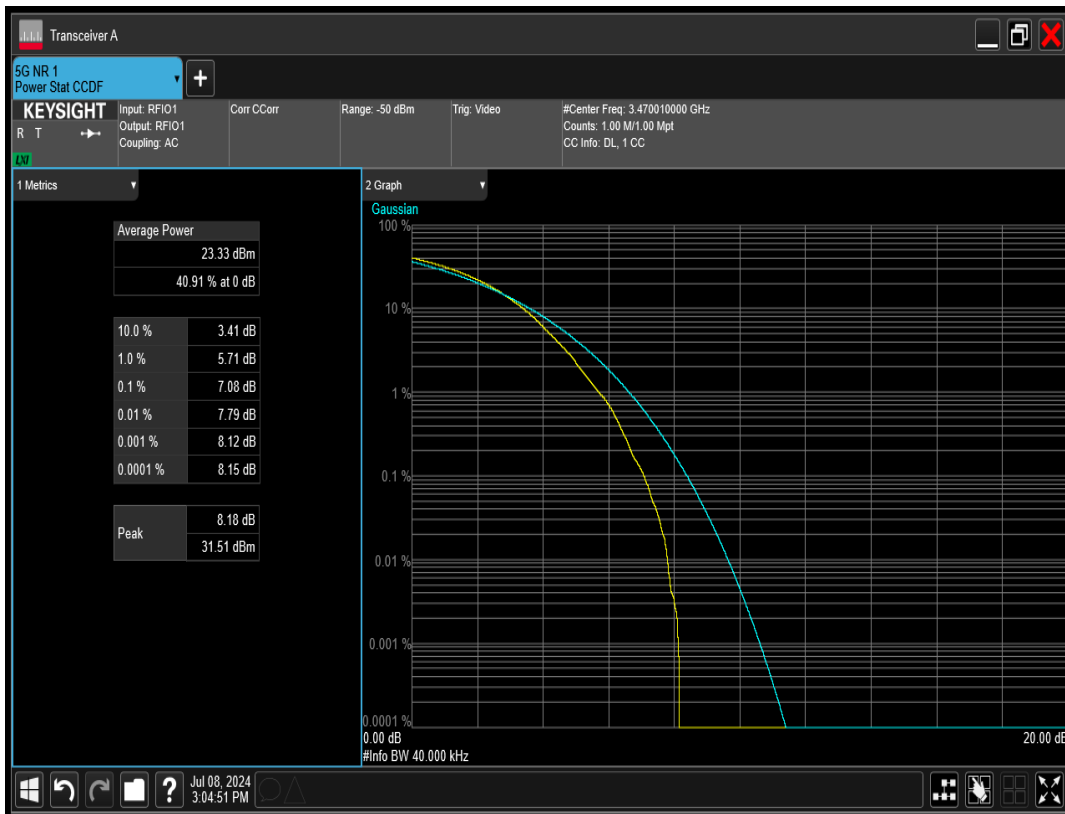
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=75@0*



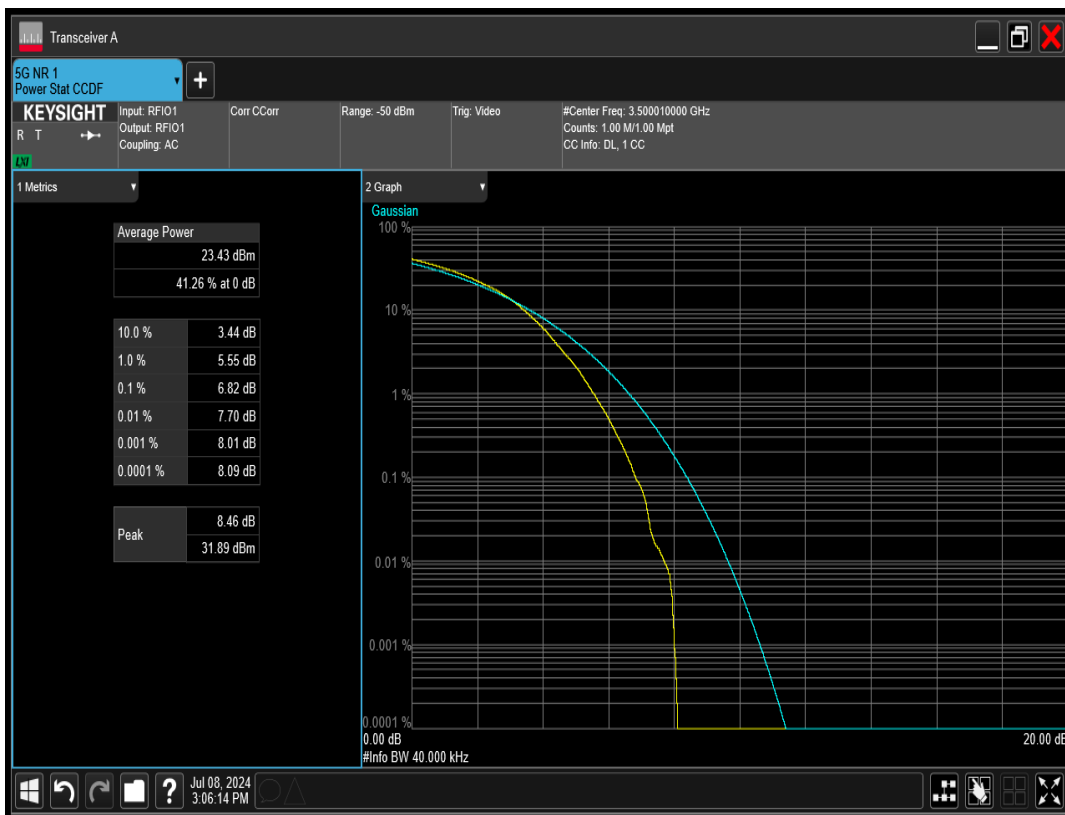
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=75@0*



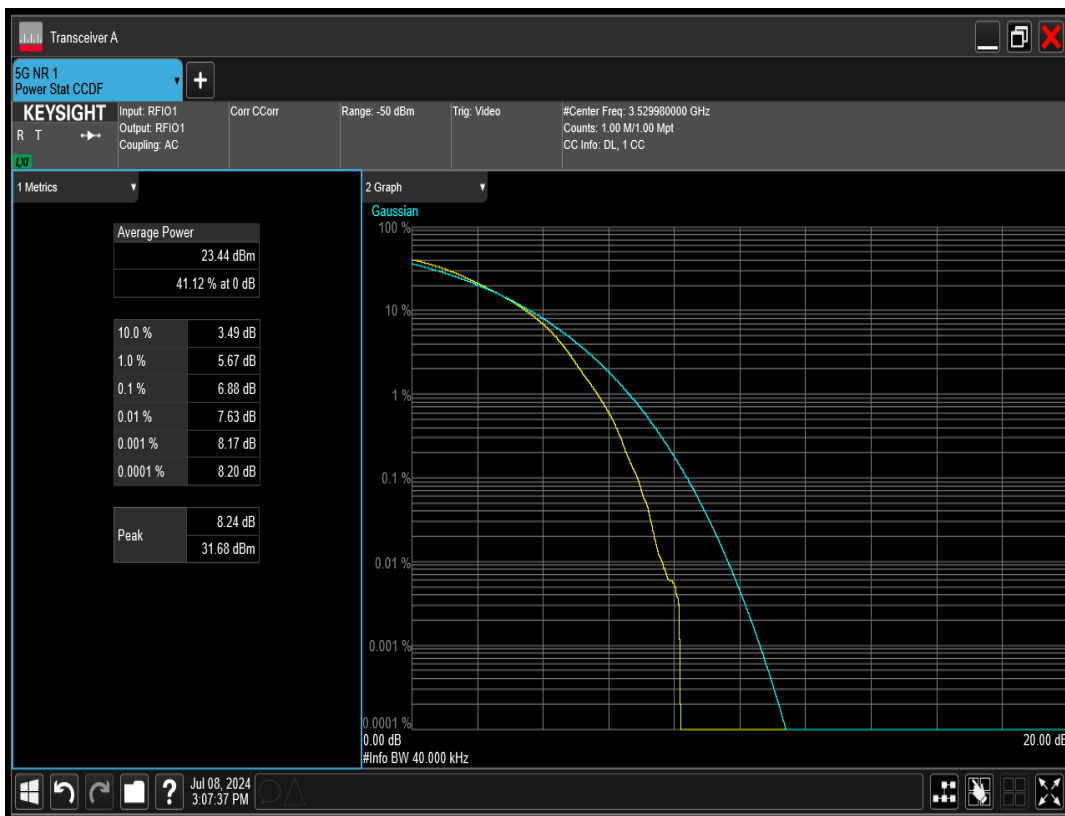
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=631334 RB=100@0*



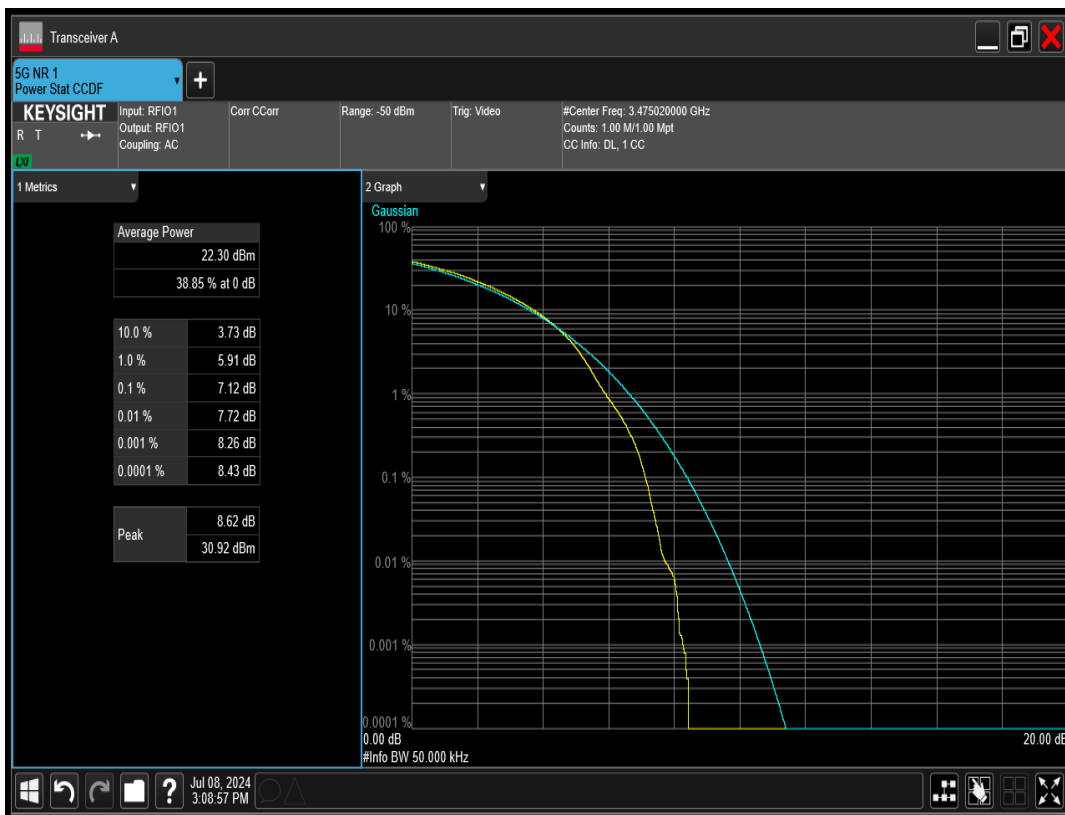
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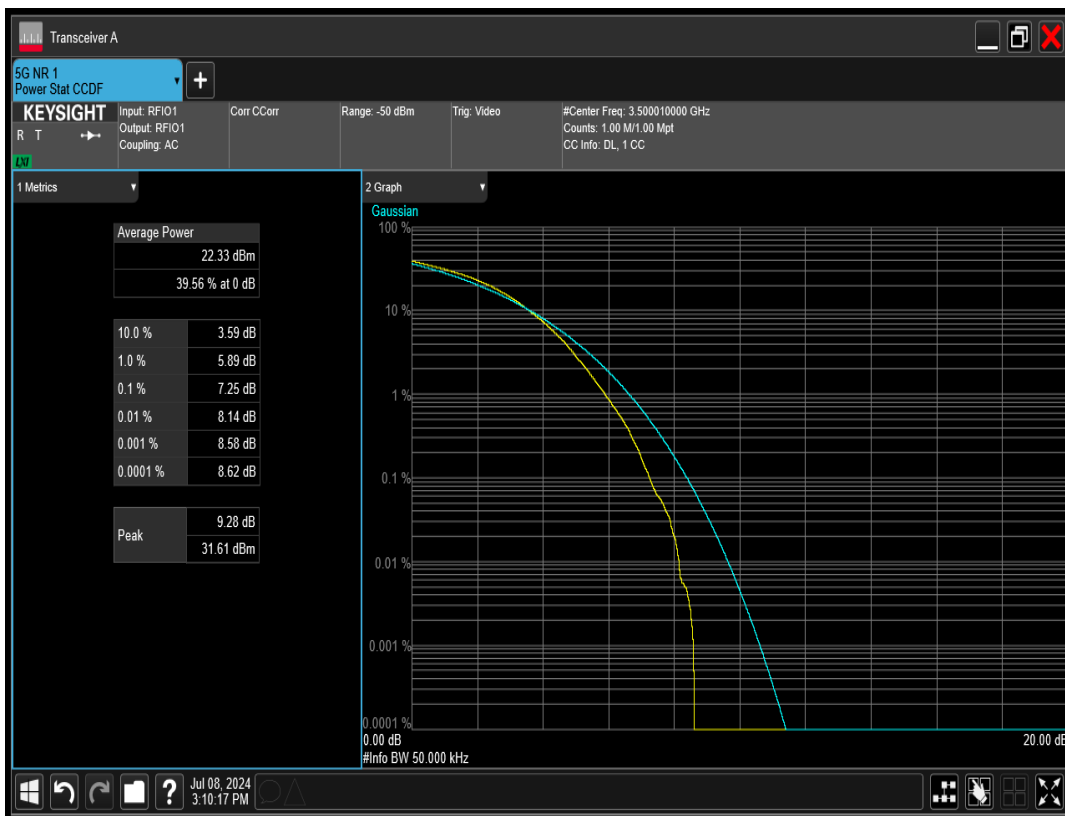
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=100@0*



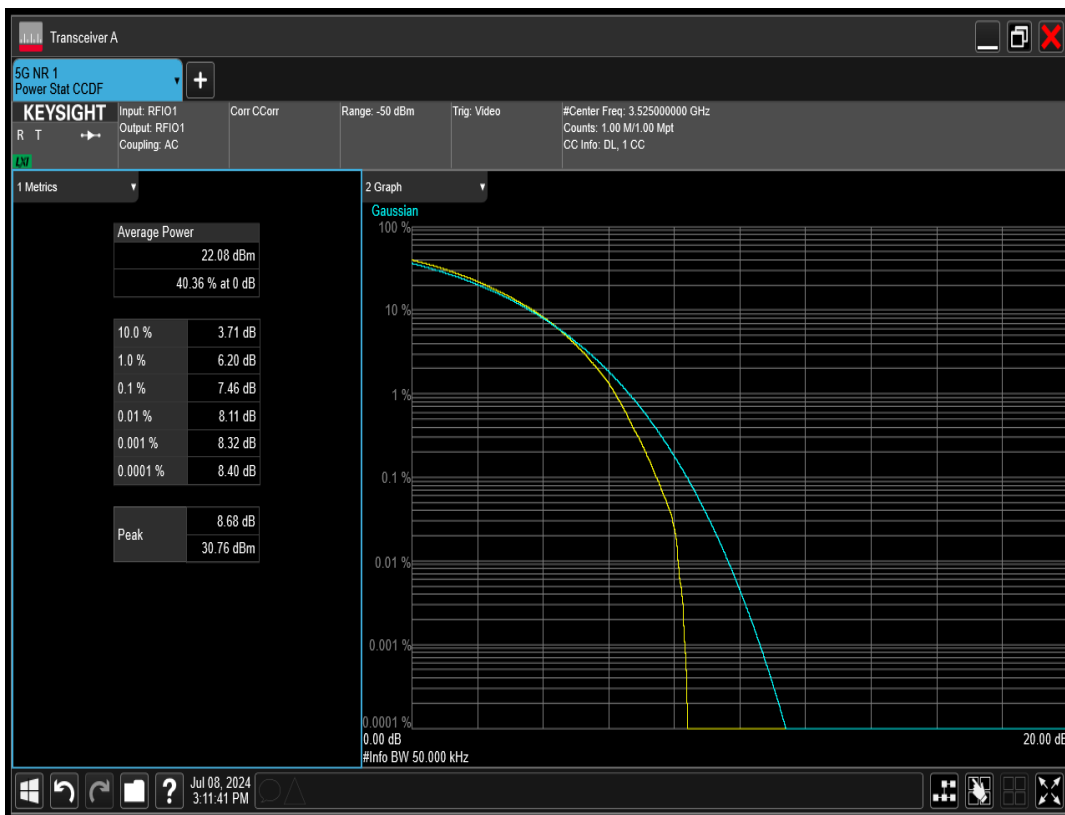
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=128@0*



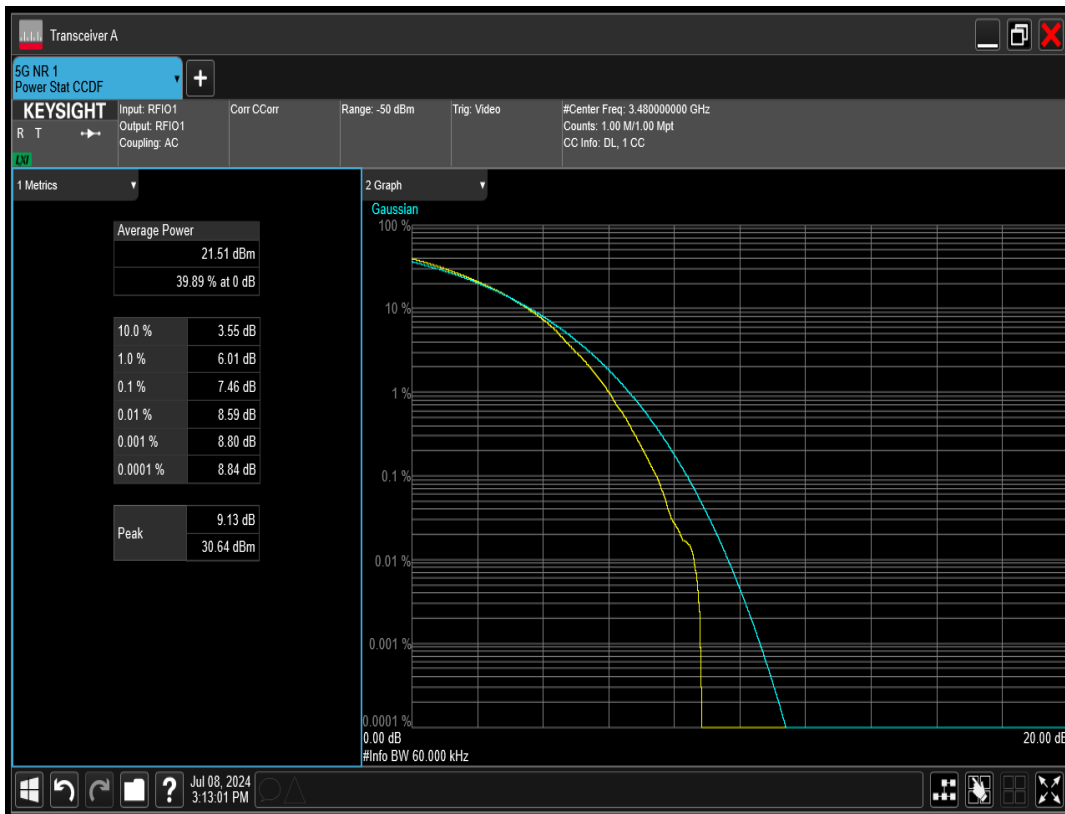
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0*



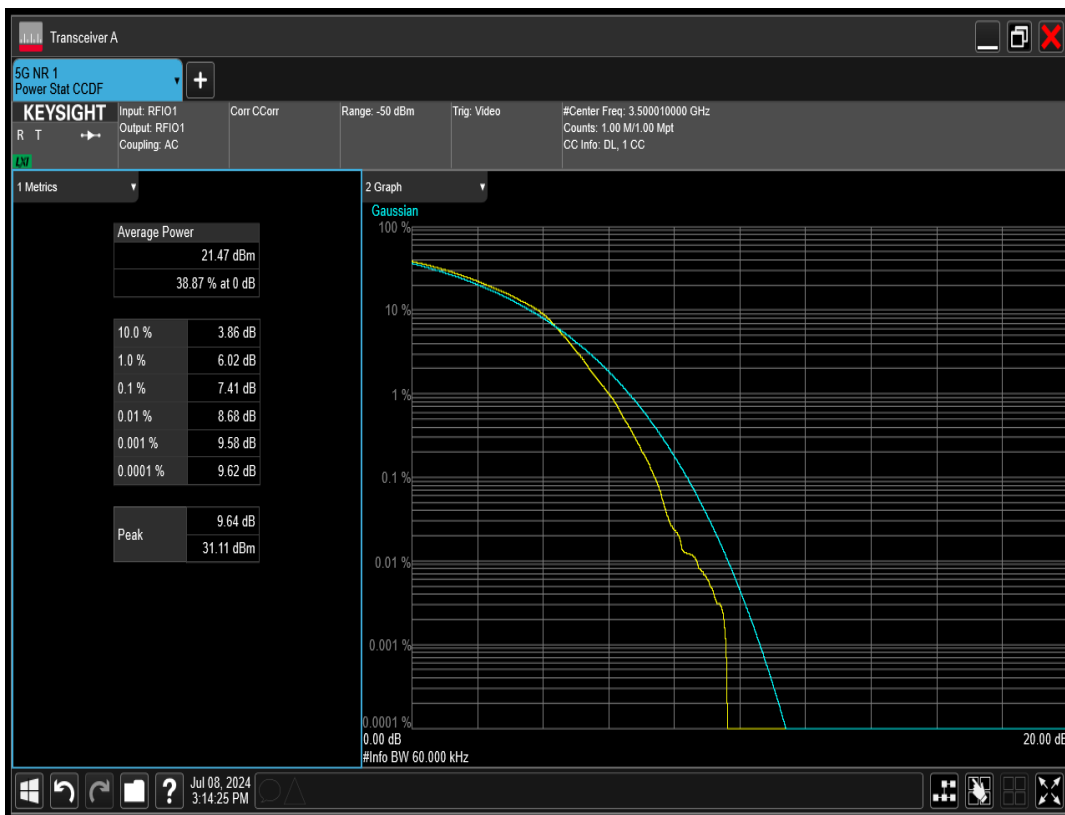
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=128@0*



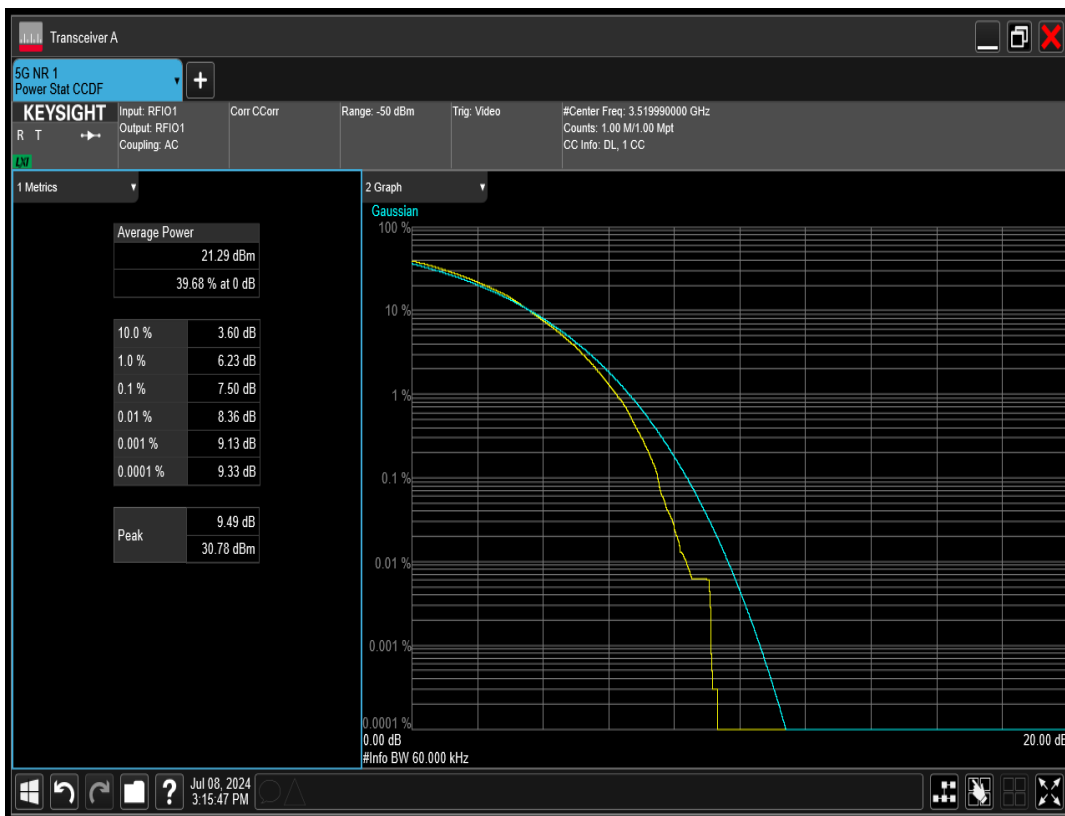
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=632000 RB=162@0*



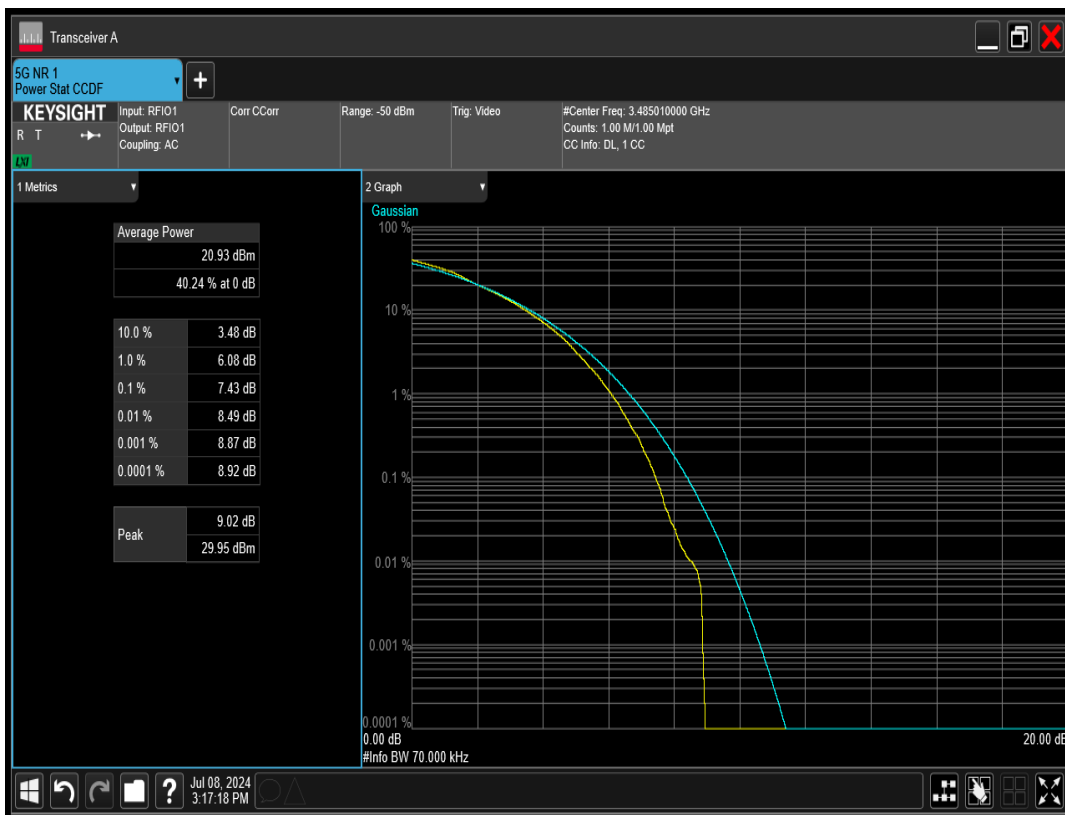
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162 @0*



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

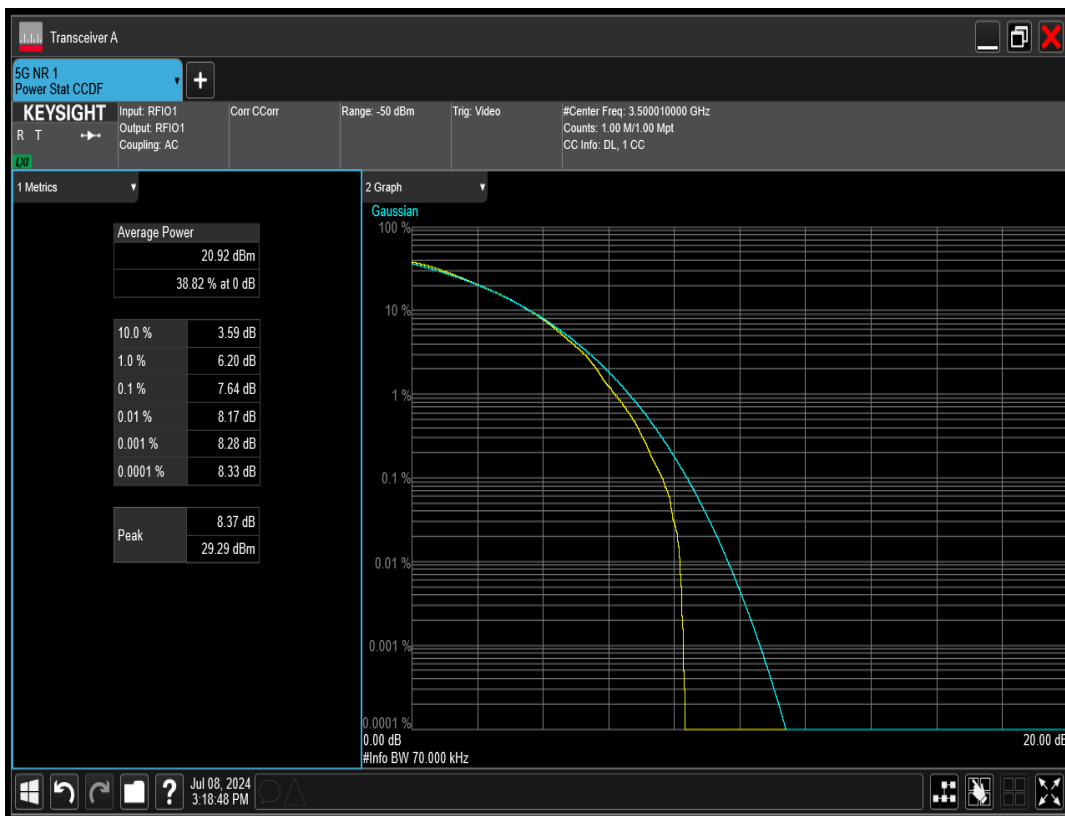


*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=632334 RB=180@0*

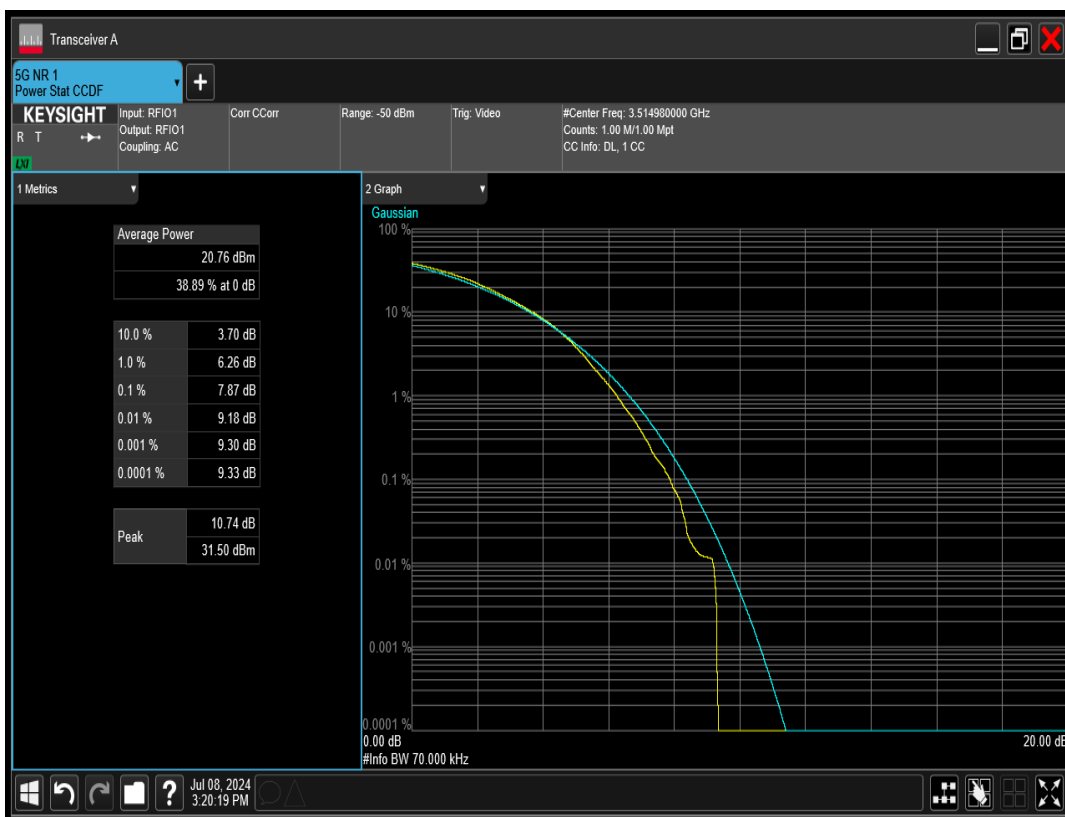


*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=633334 RB=180@0*

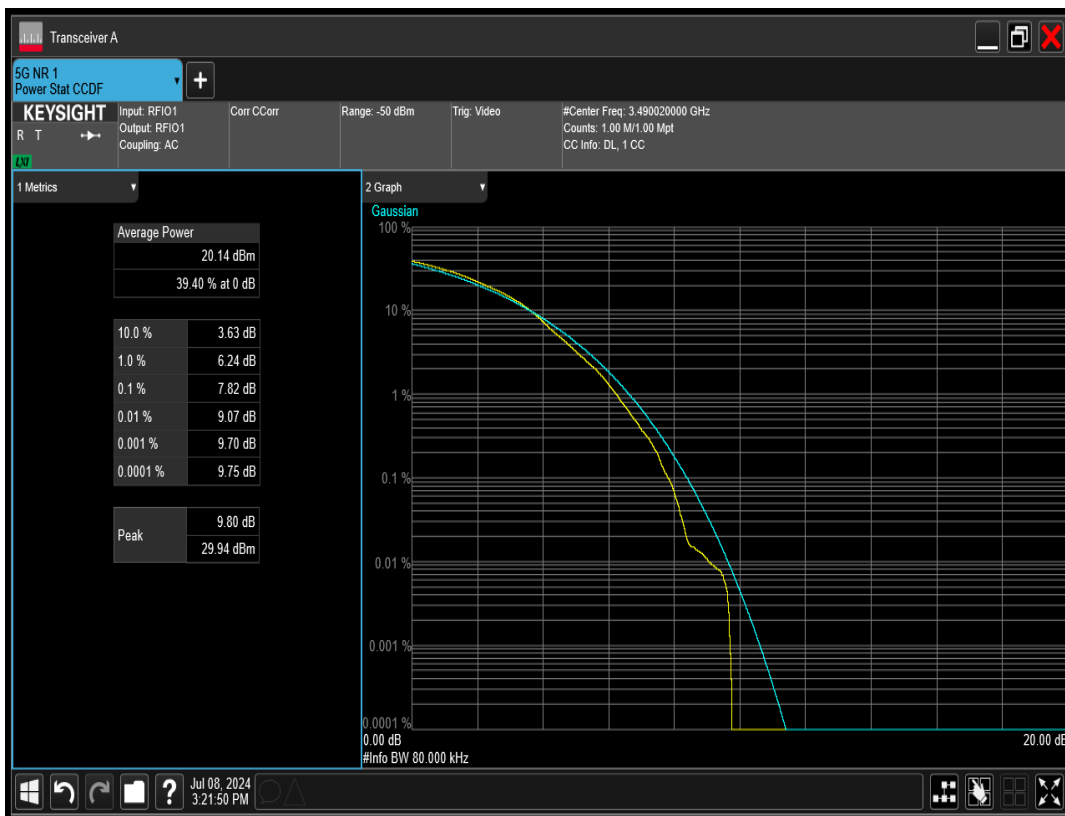




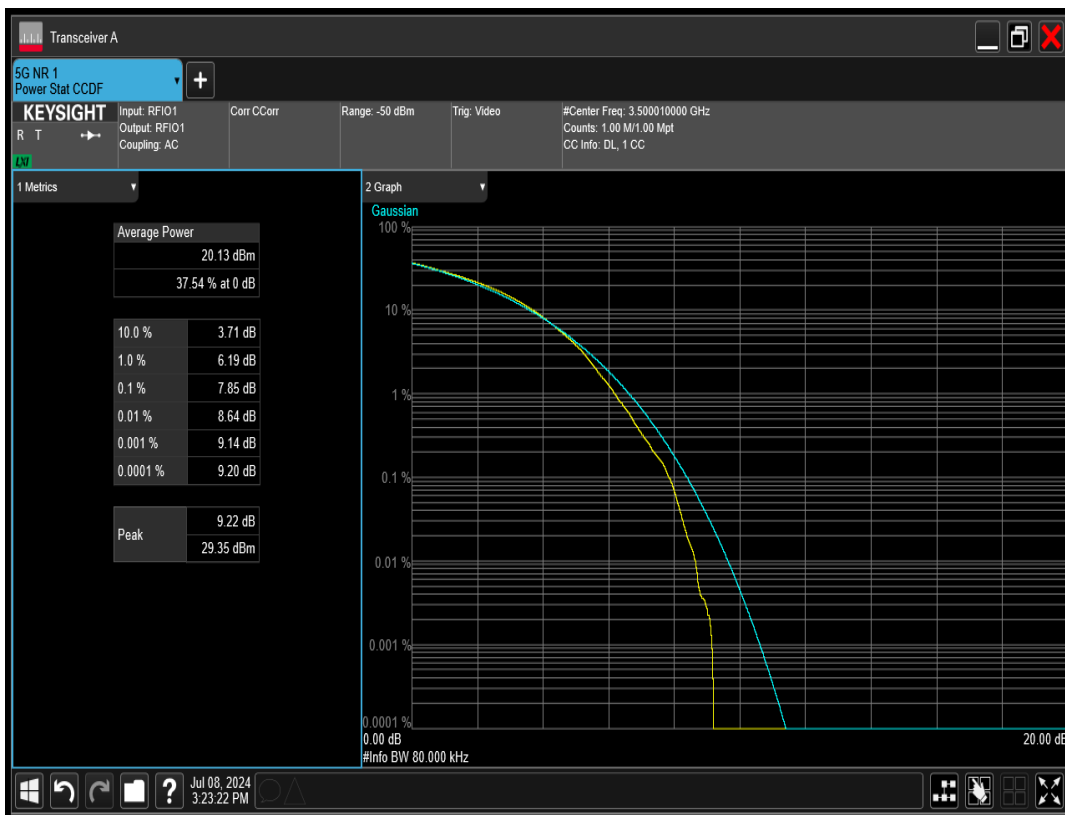
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=634332 RB=180@0*



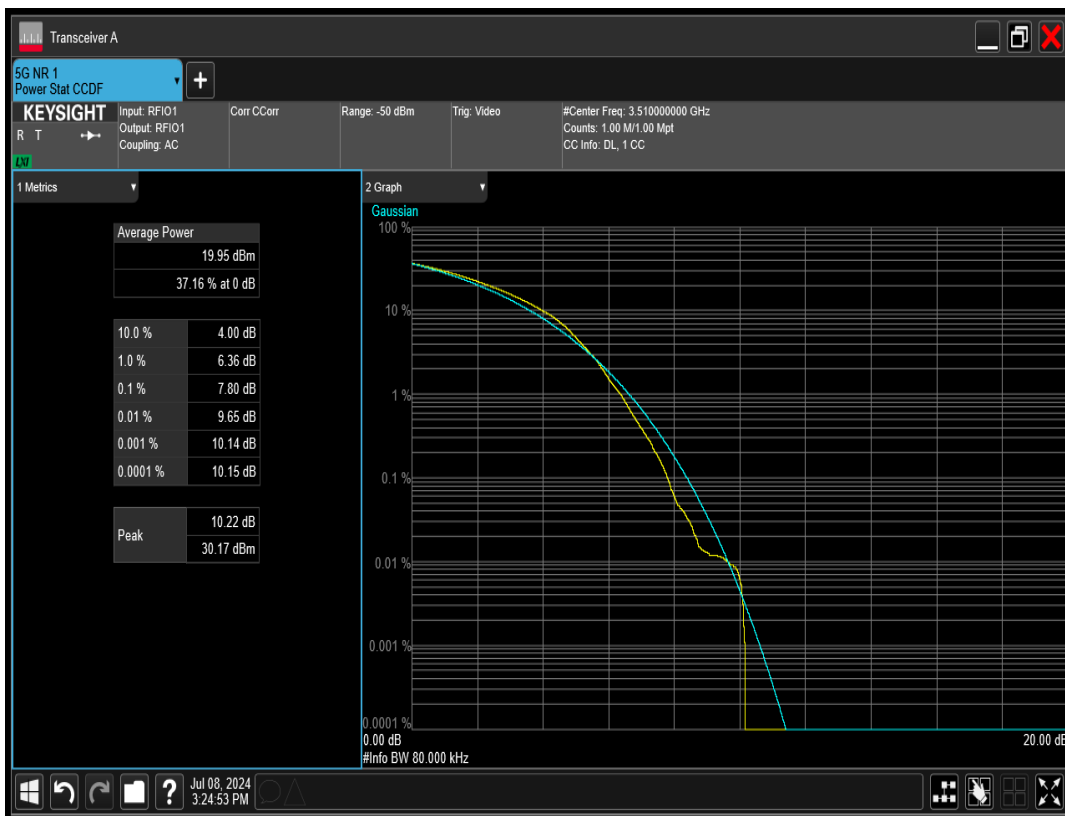
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=632668 RB=216@0*



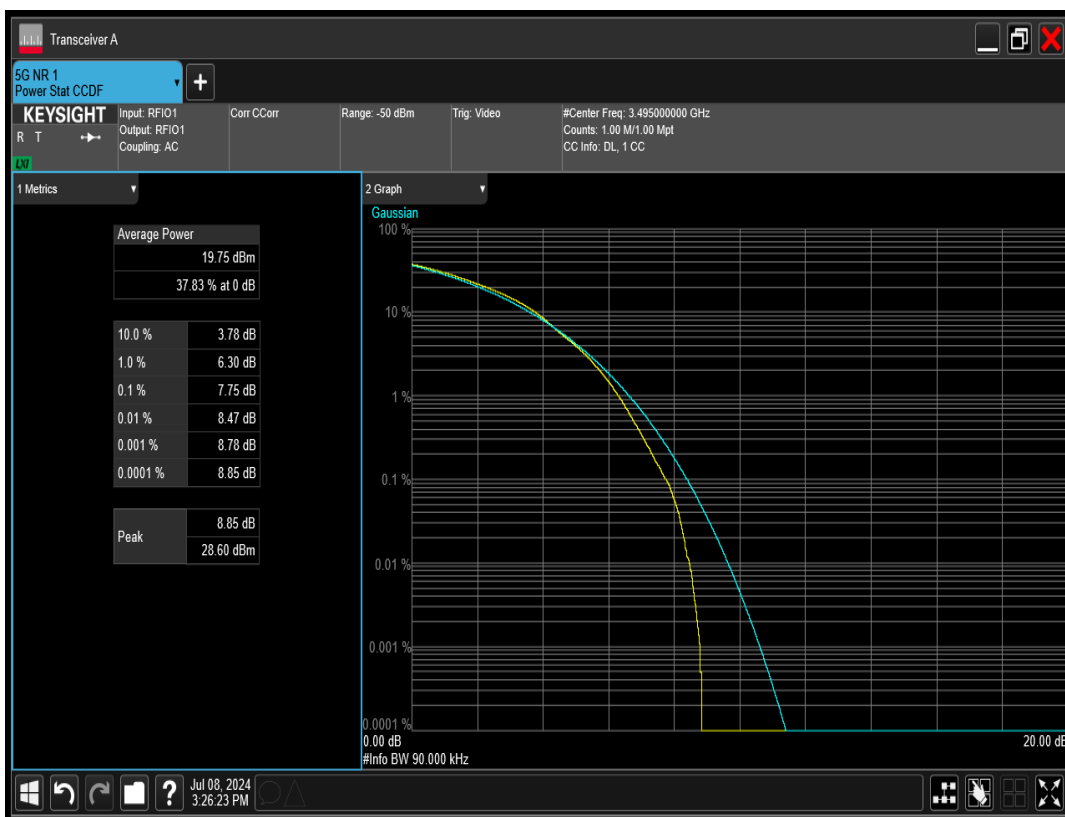
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=633334 RB=216@0*



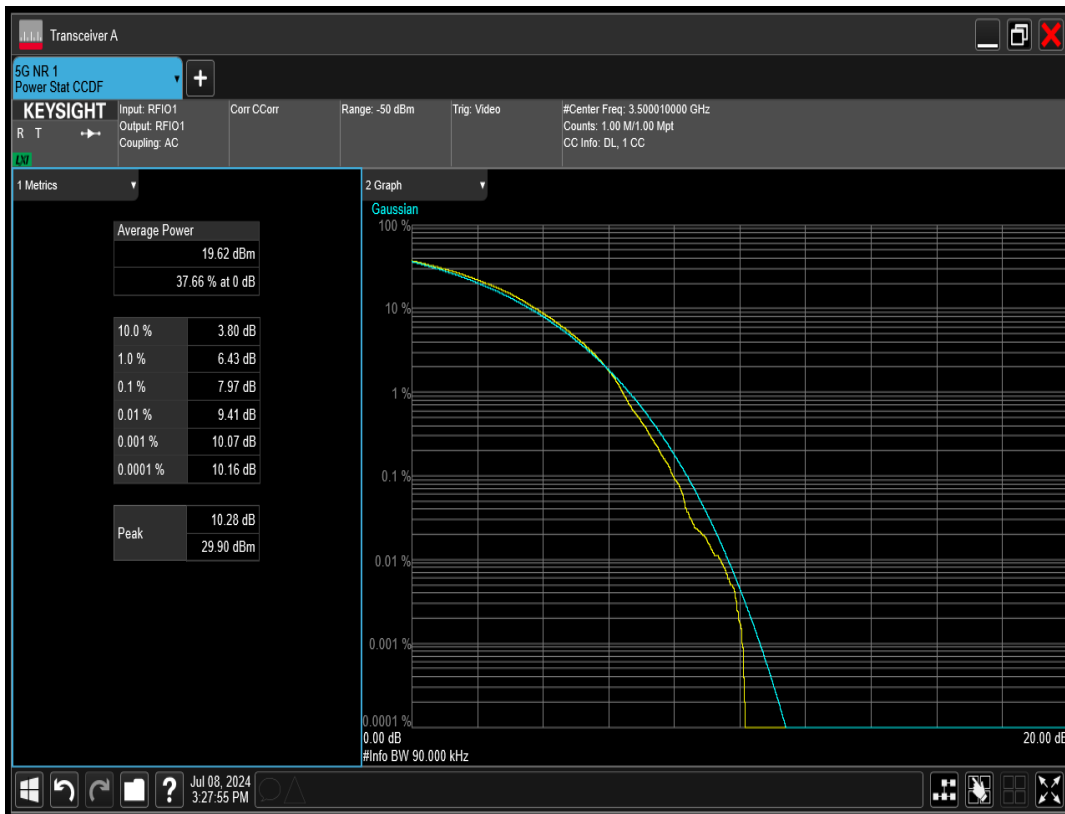
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=634000 RB=216@0*



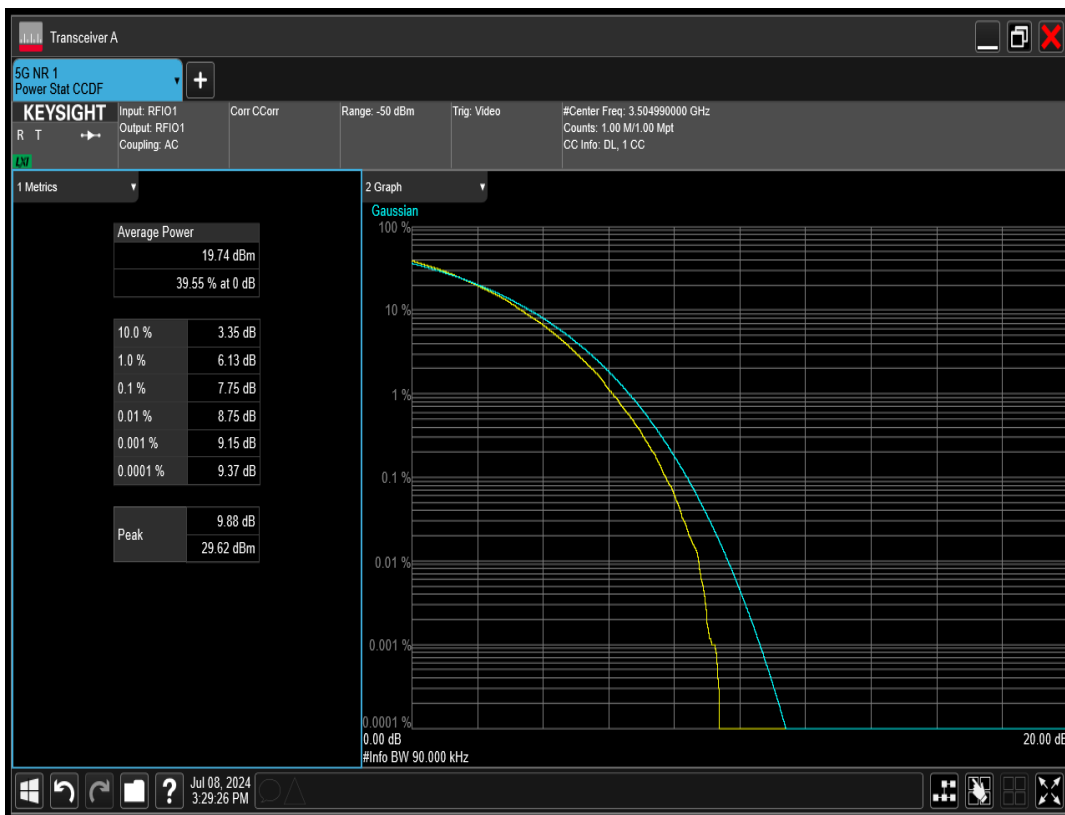
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633000 RB=240@0*



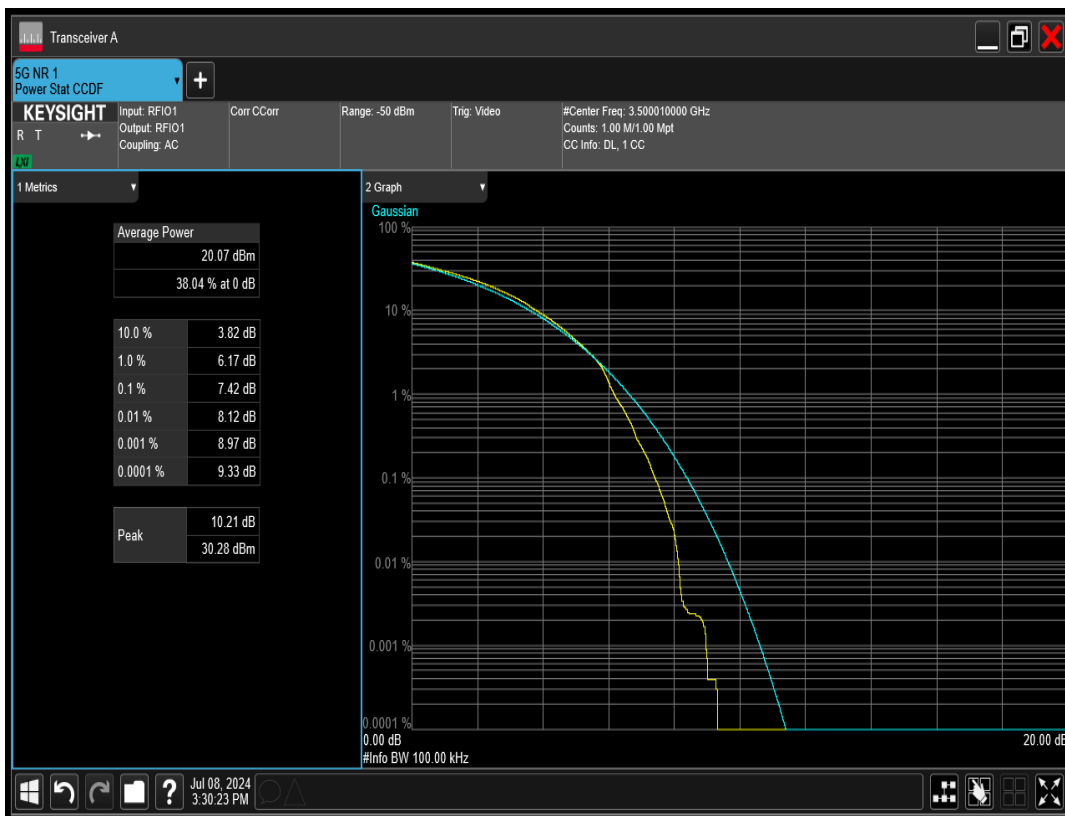
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0*



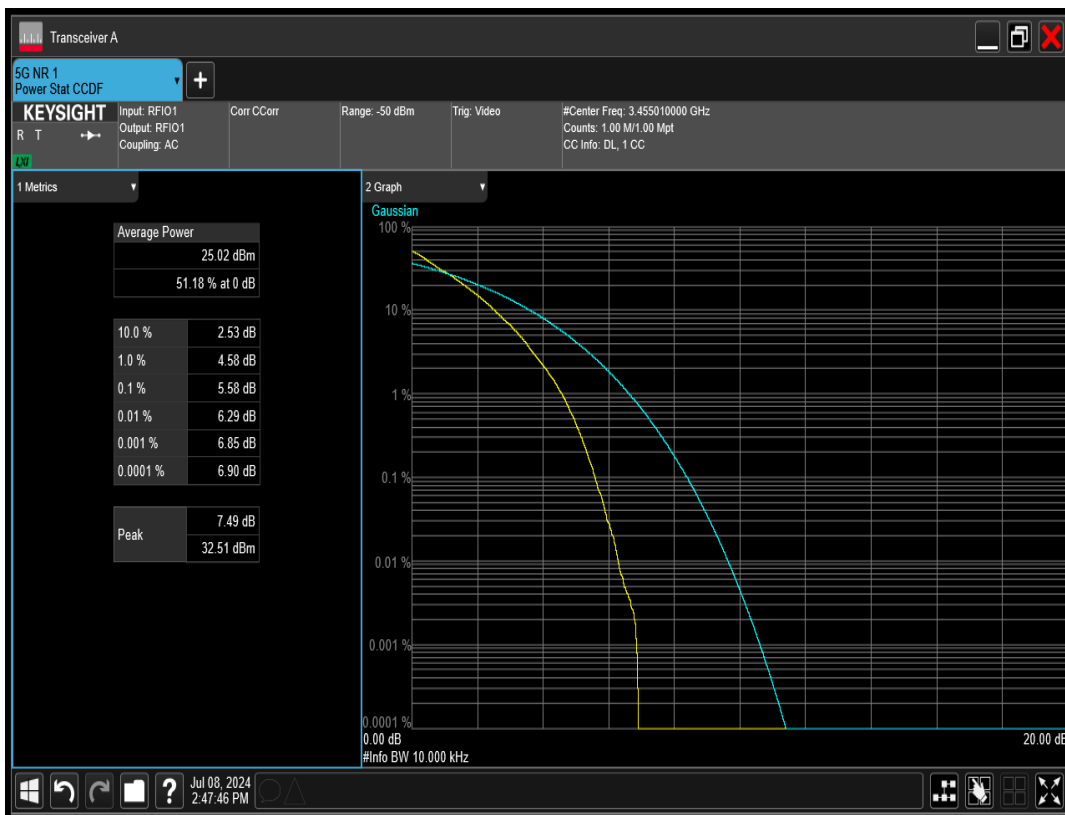
*n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633666 RB=240@0*



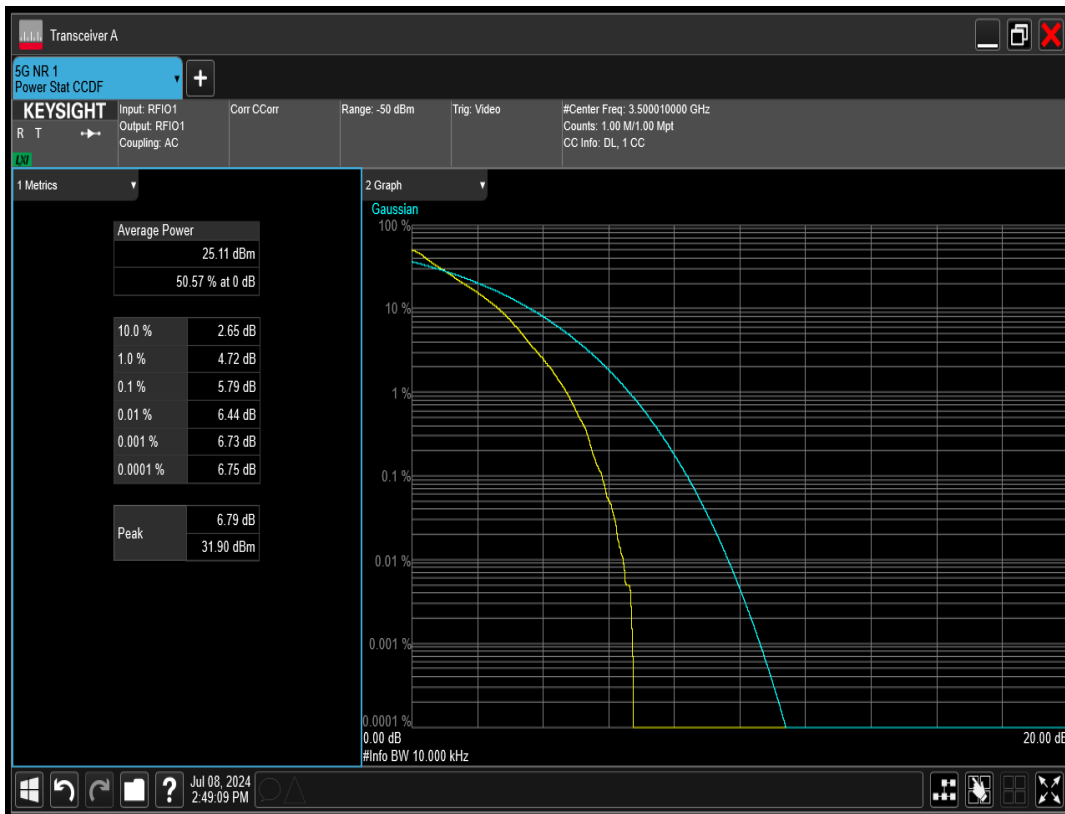
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0*



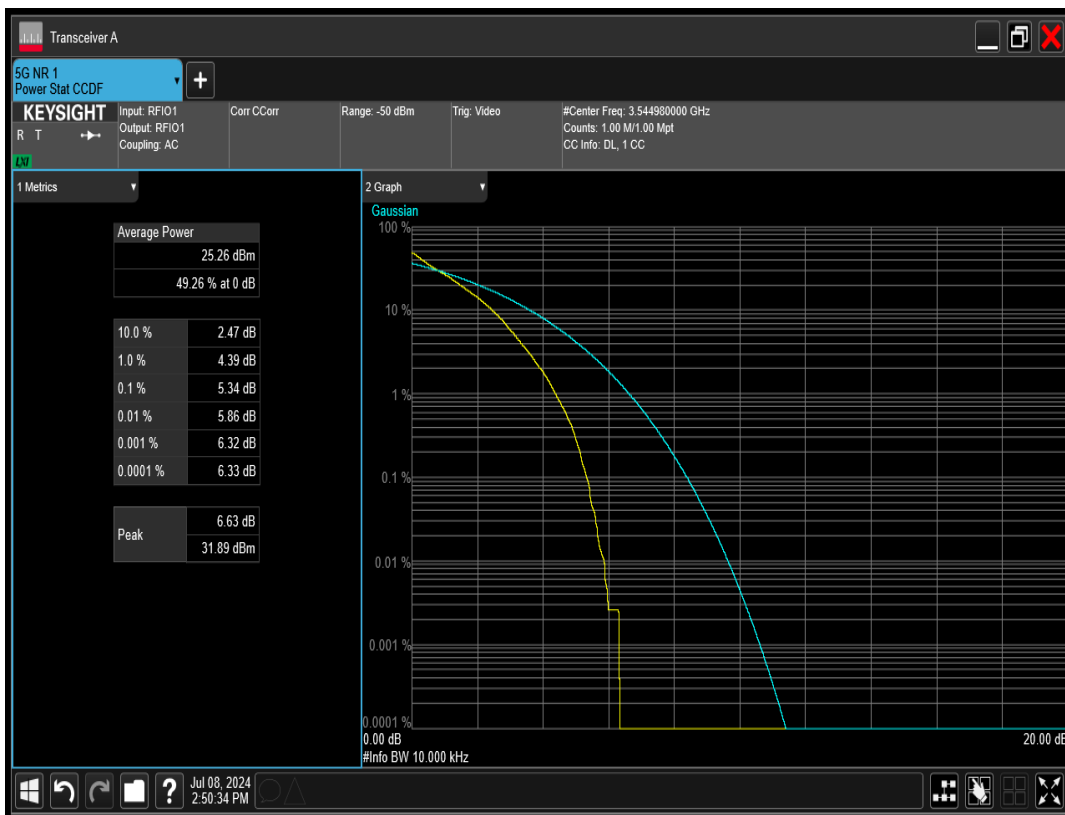
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24 @0*



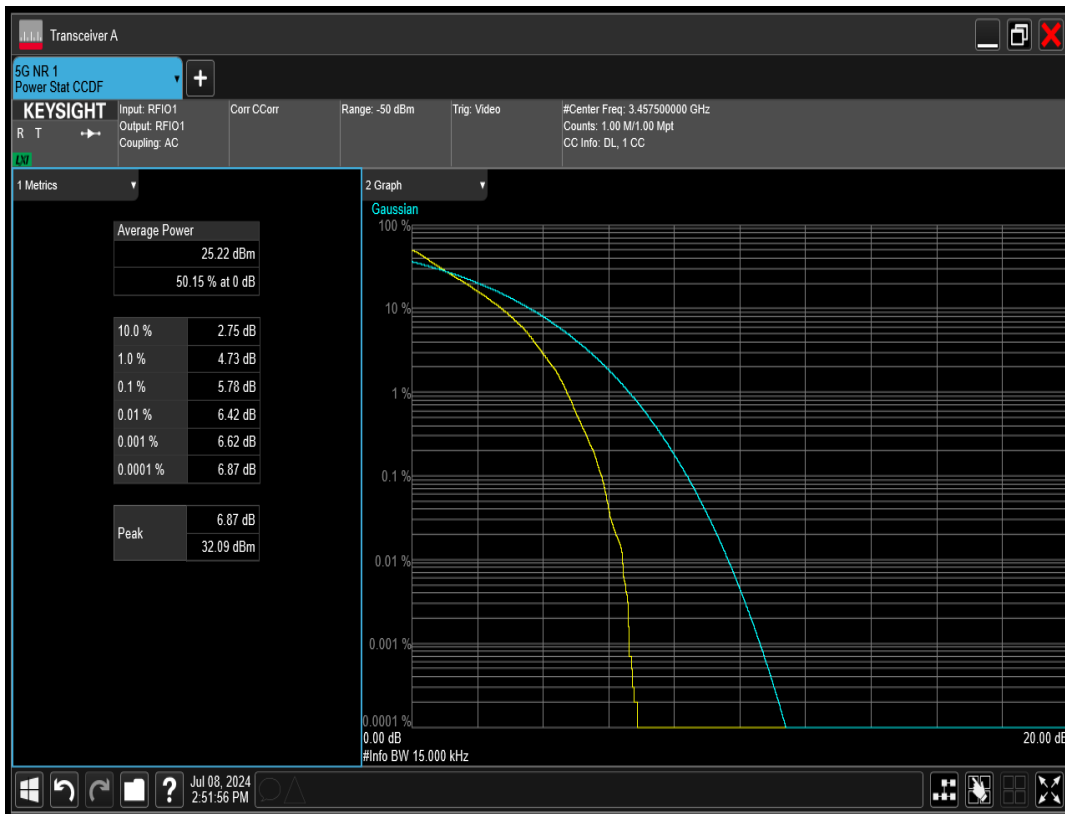
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24 @0*



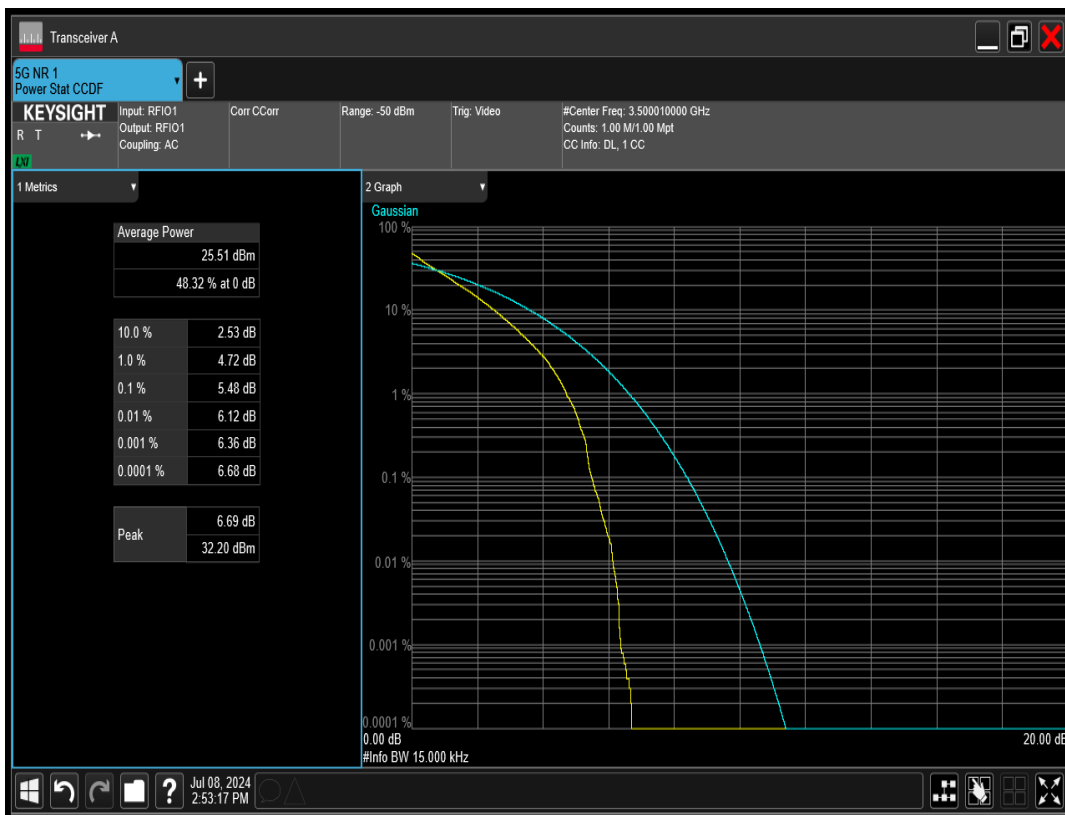
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24 @0*



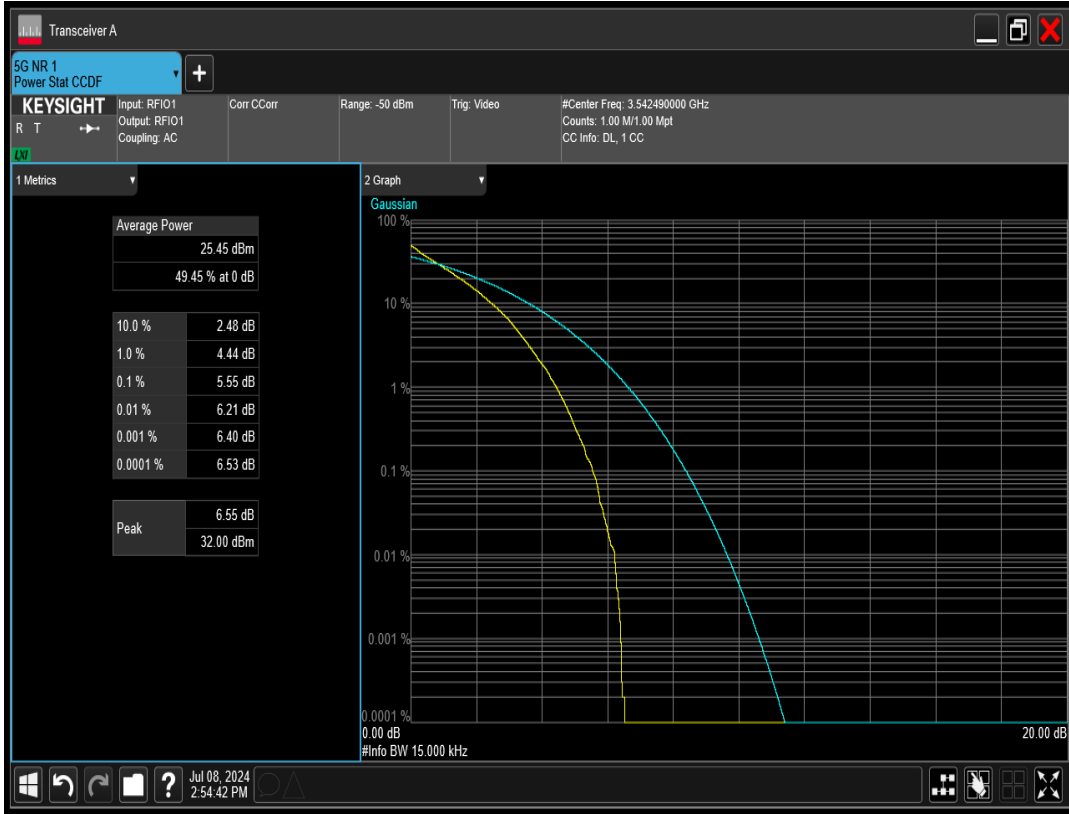
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=630500 RB=36 @0*



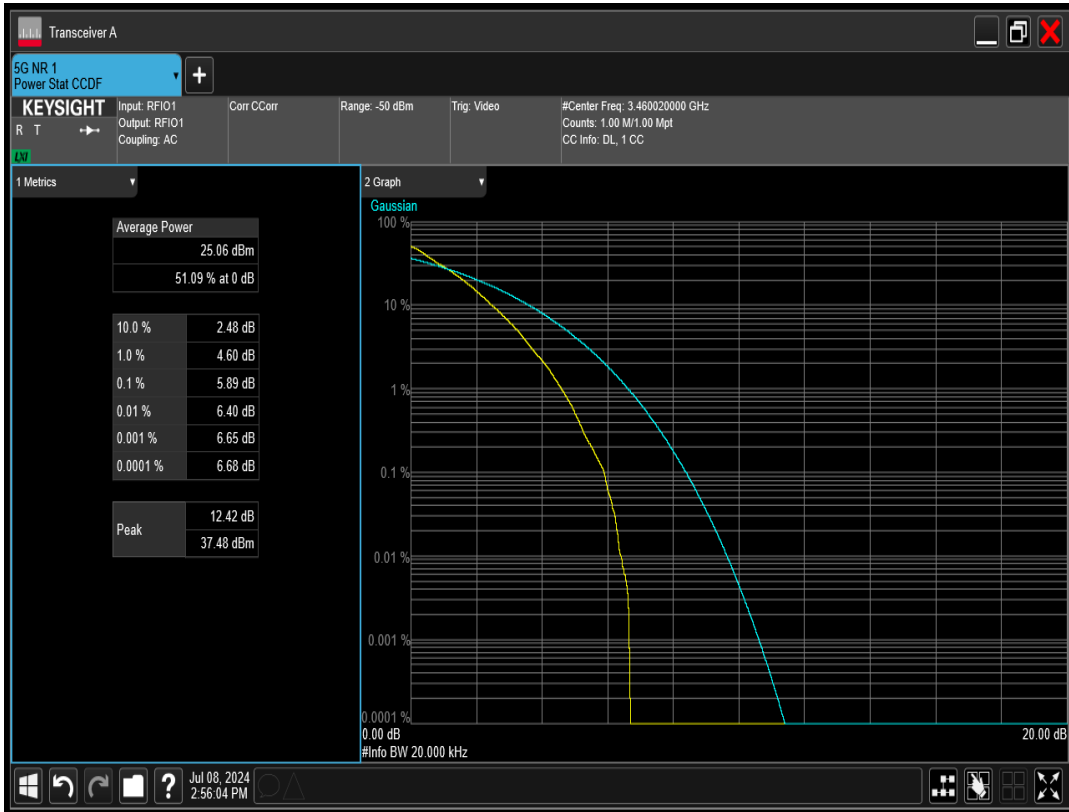
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=633334 RB=36 @0*



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

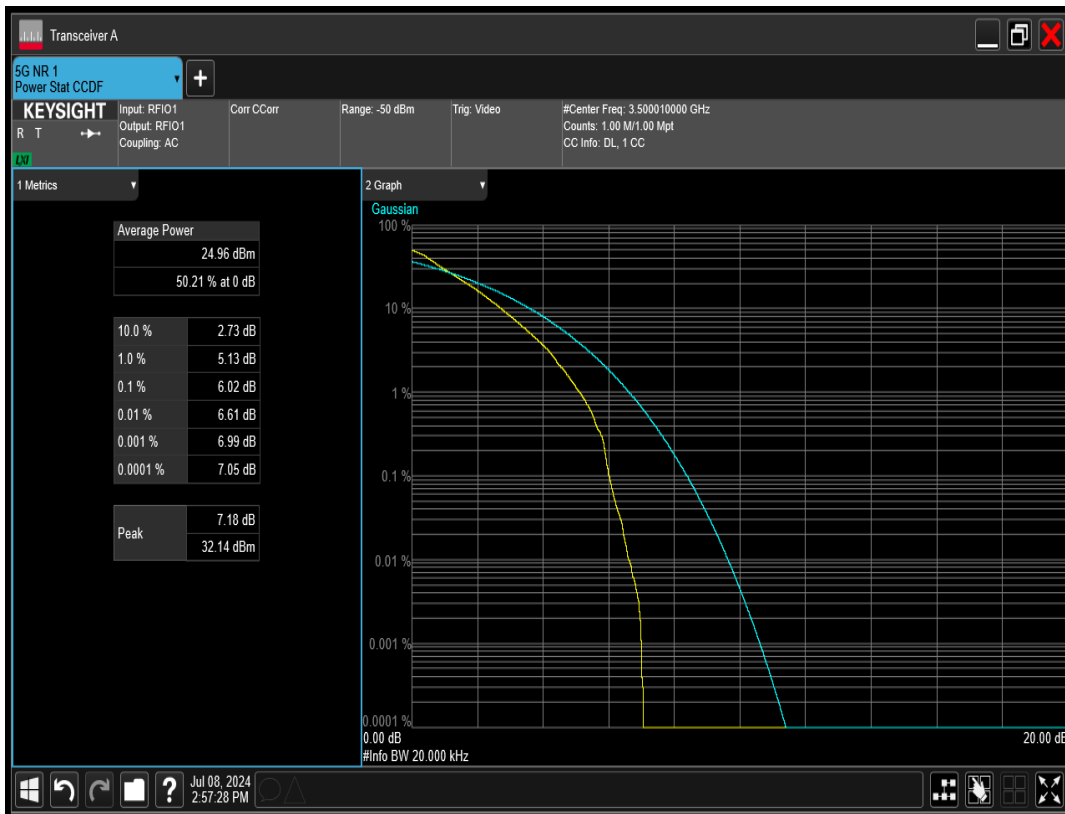


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=630668 RB=50 @0*

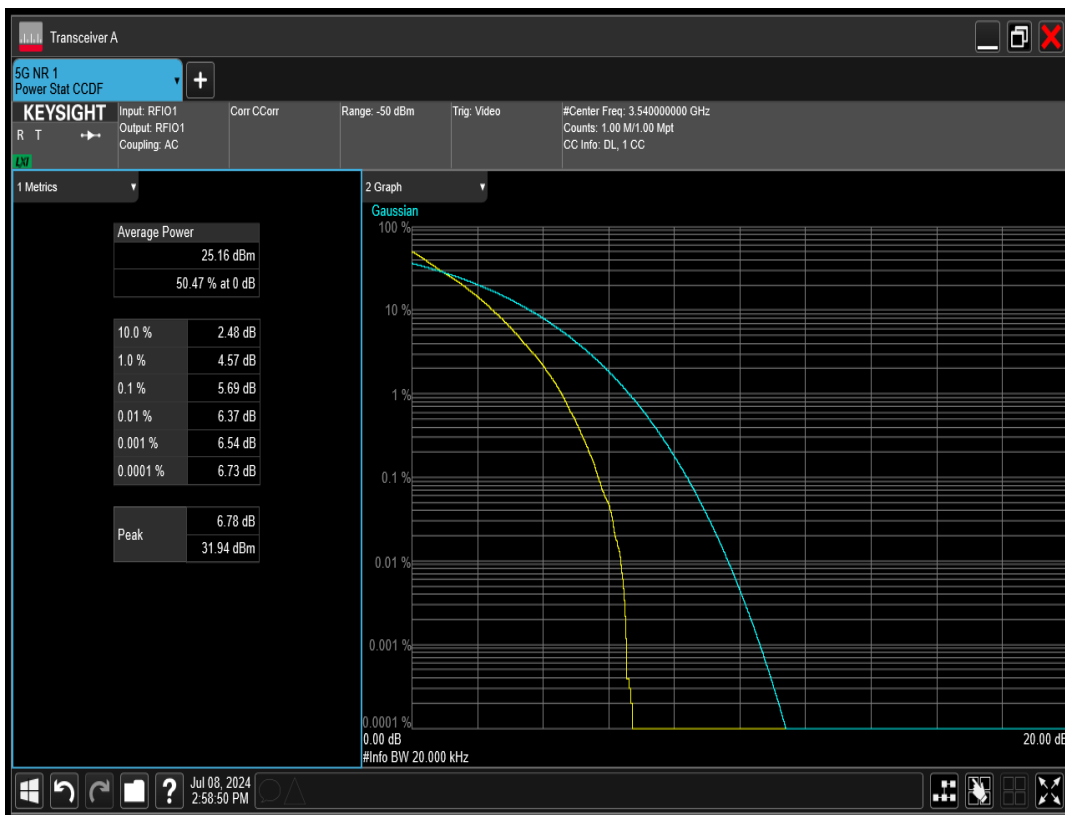


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=50 @0*

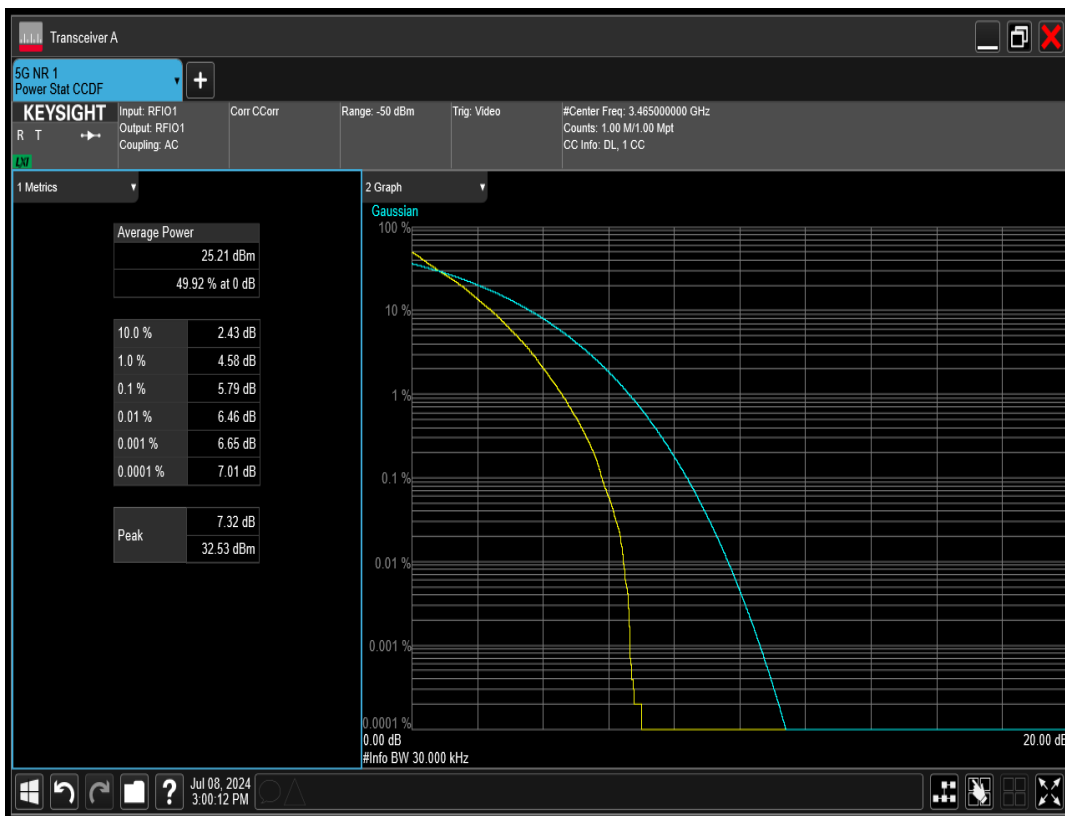




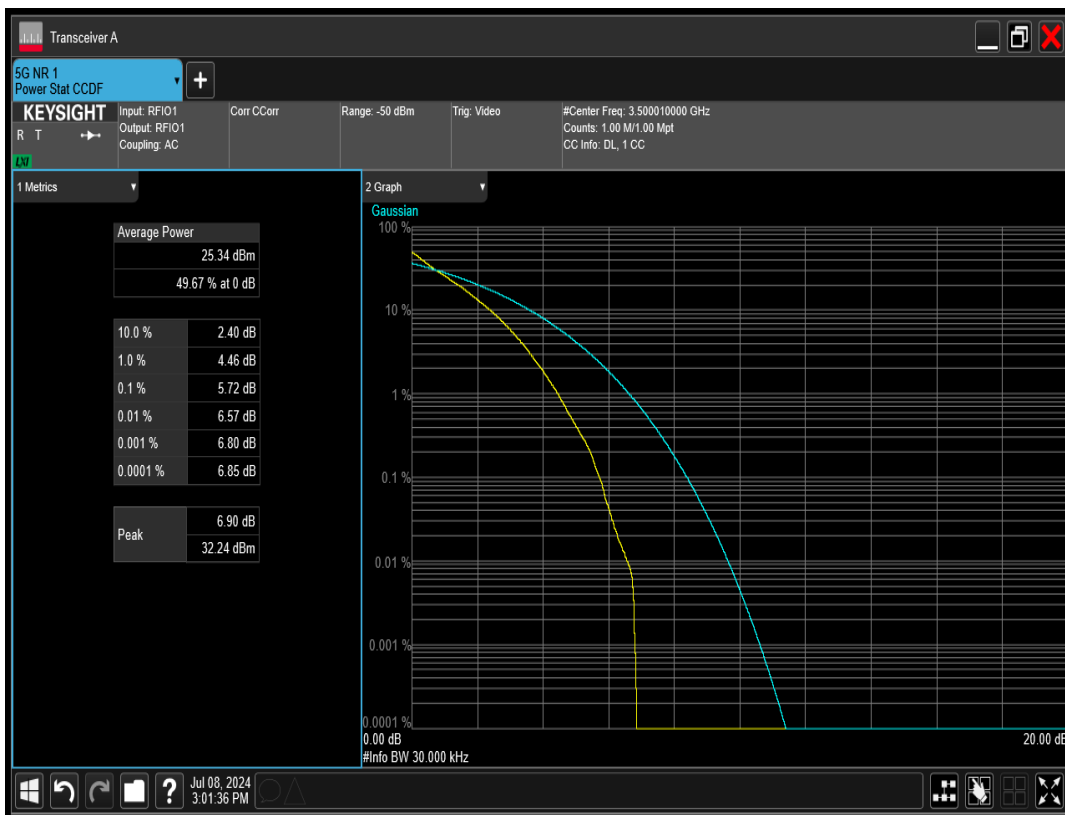
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=636000 RB=50 @0*



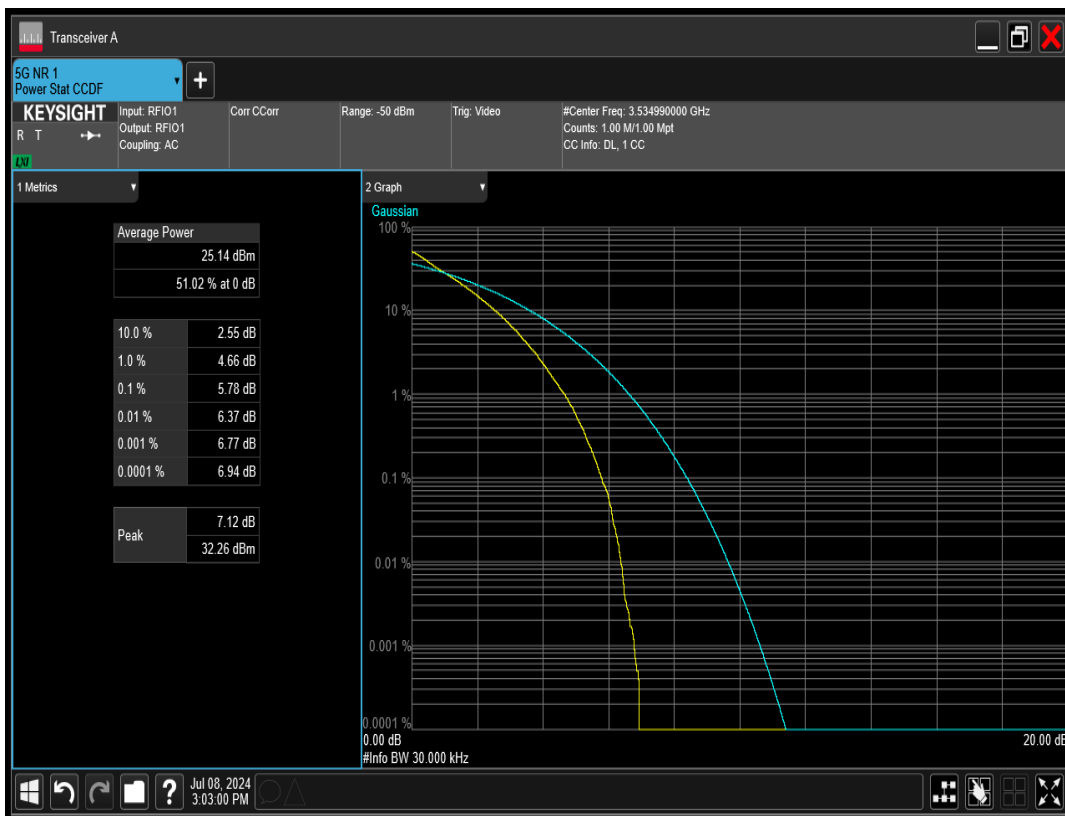
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=631000 RB=75 @0*



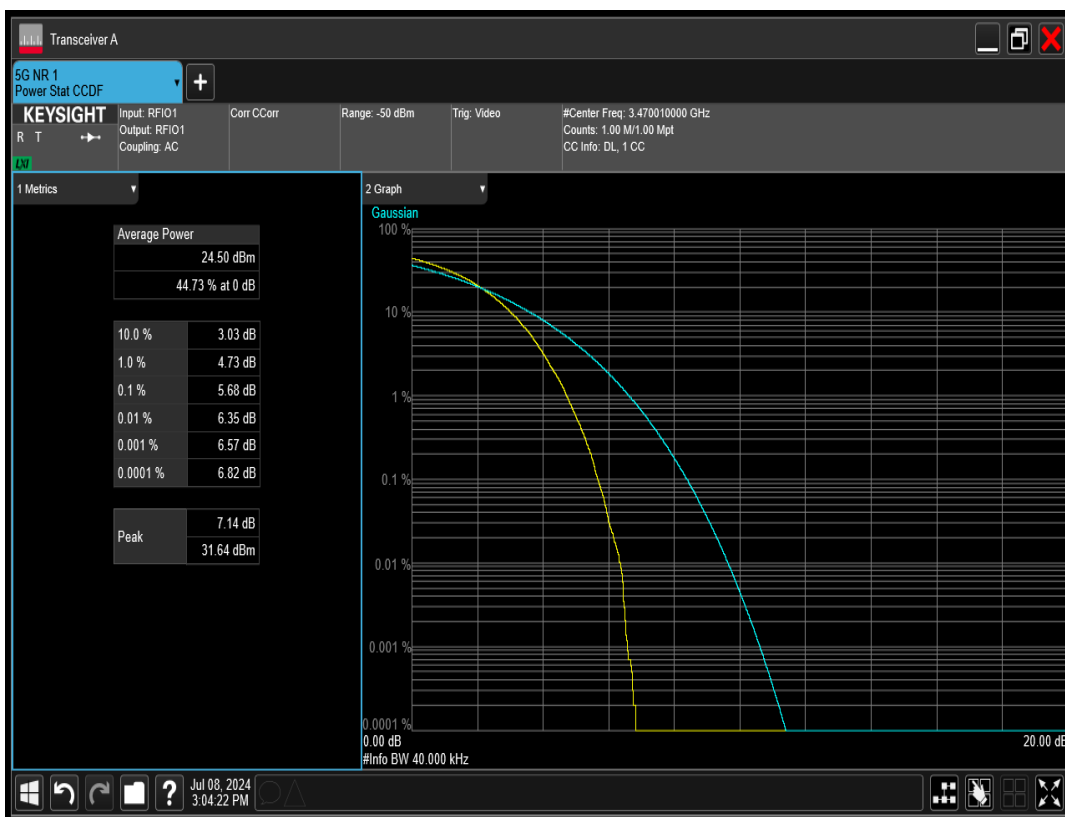
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=633334 RB=75 @0*



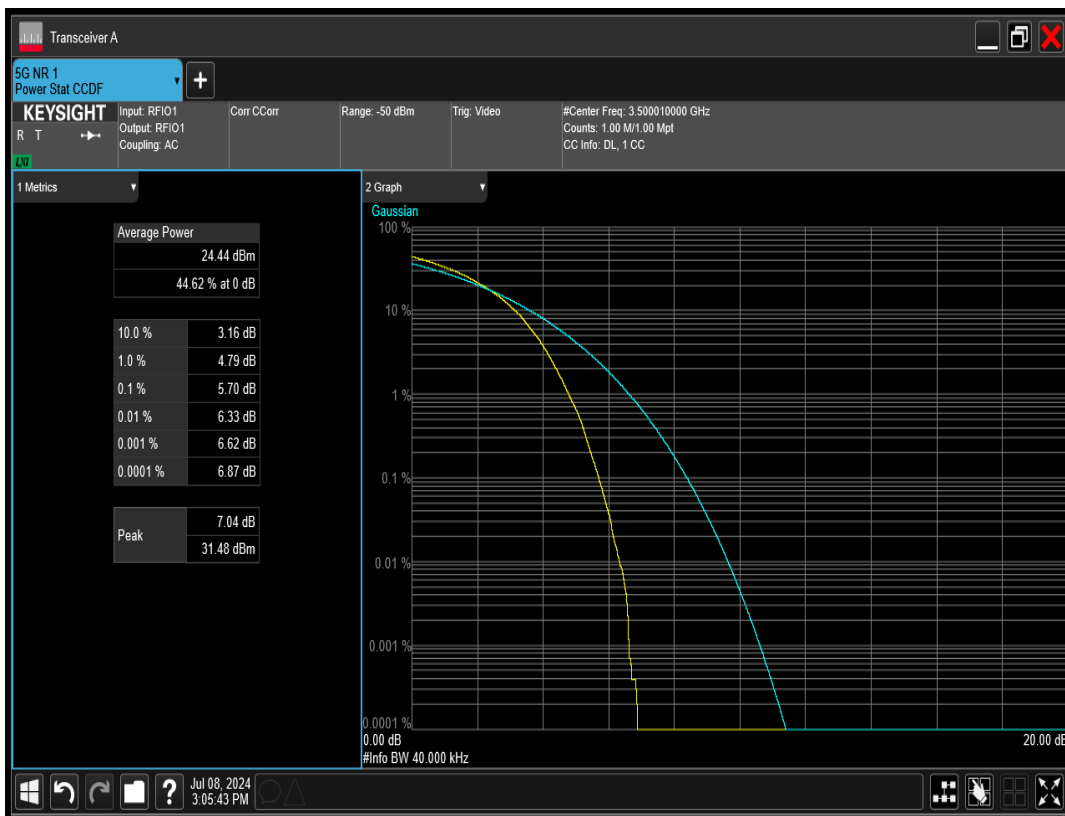
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=635666 RB=75 @0*



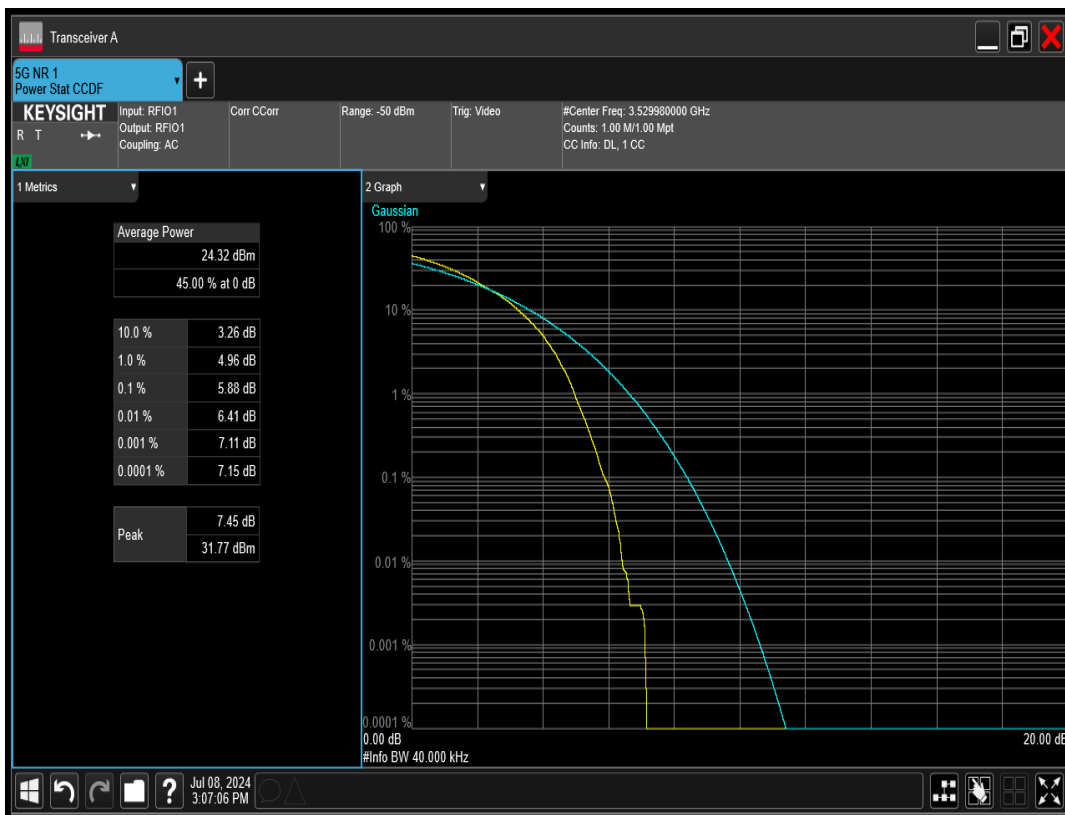
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=631334 RB=100@0*



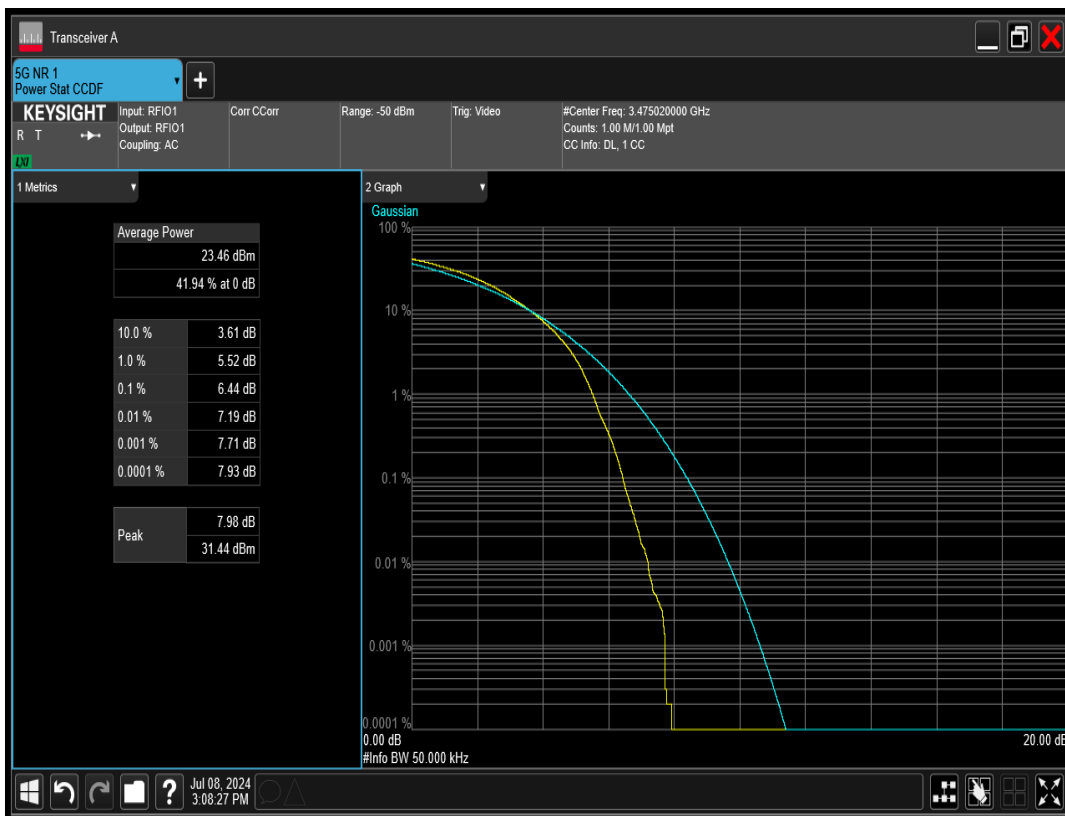
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=633334 RB=100@0*



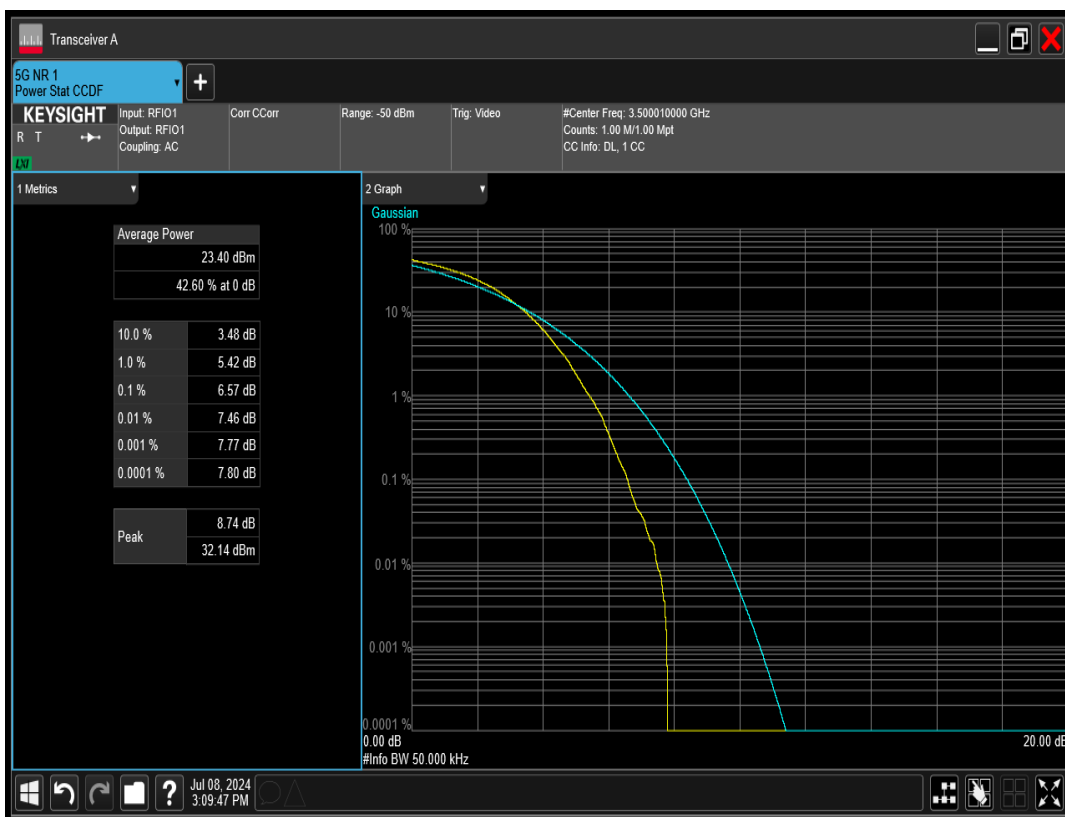
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=635332 RB=100@0*



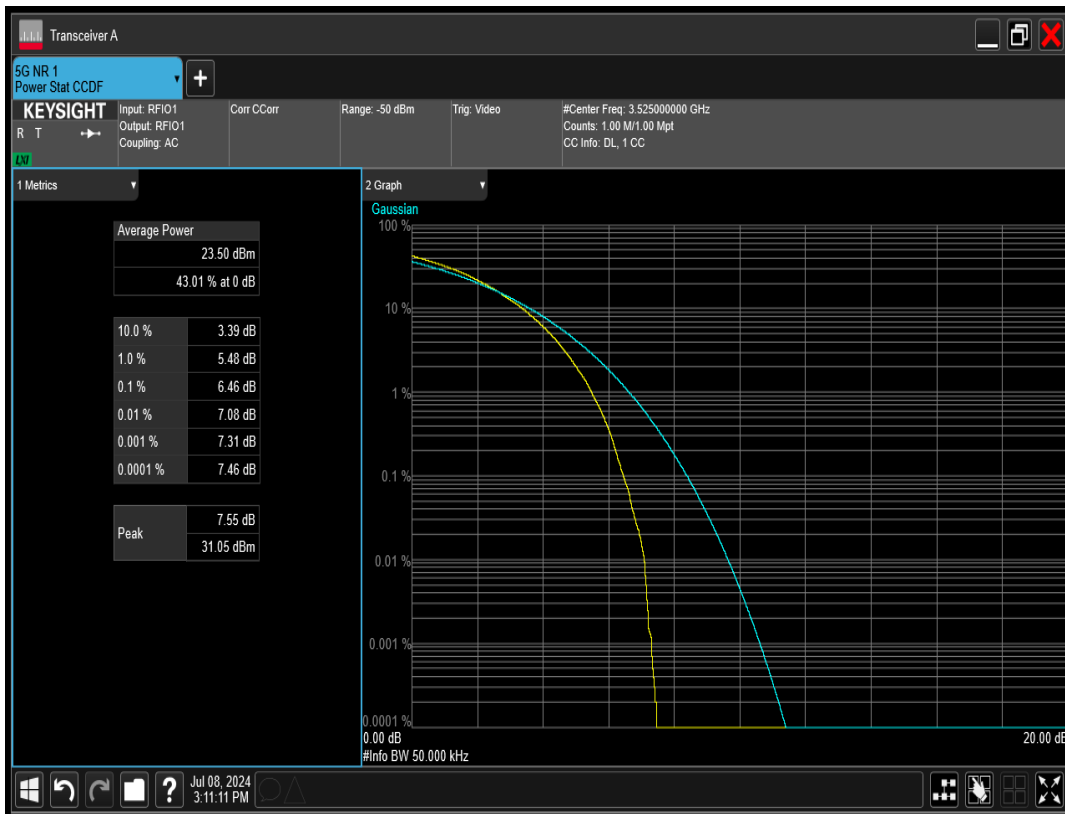
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=631668 RB=128@0*



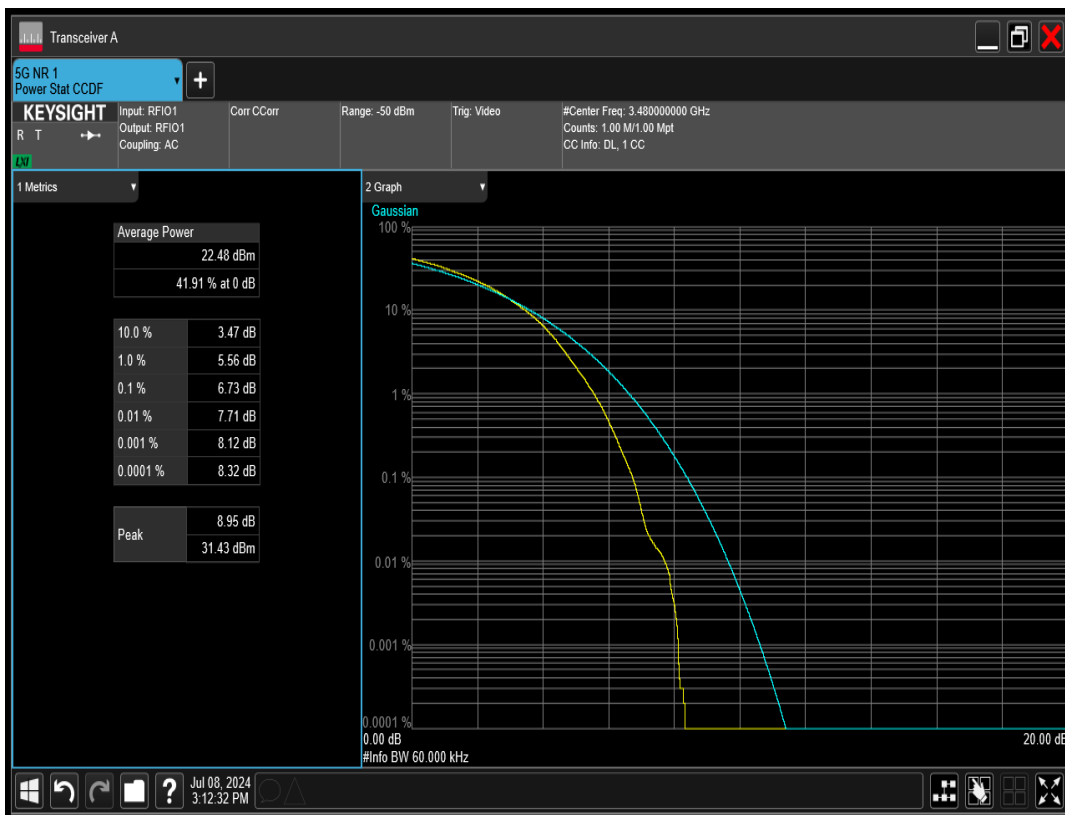
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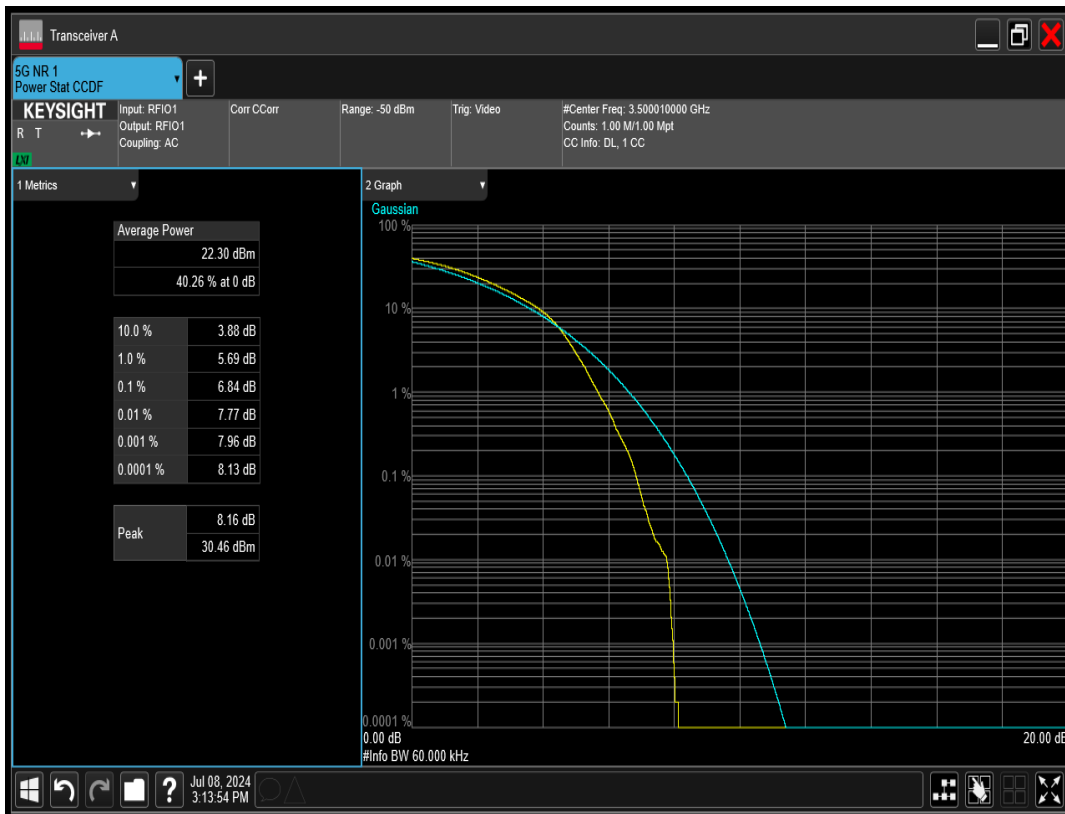
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=635000 RB=128@0*



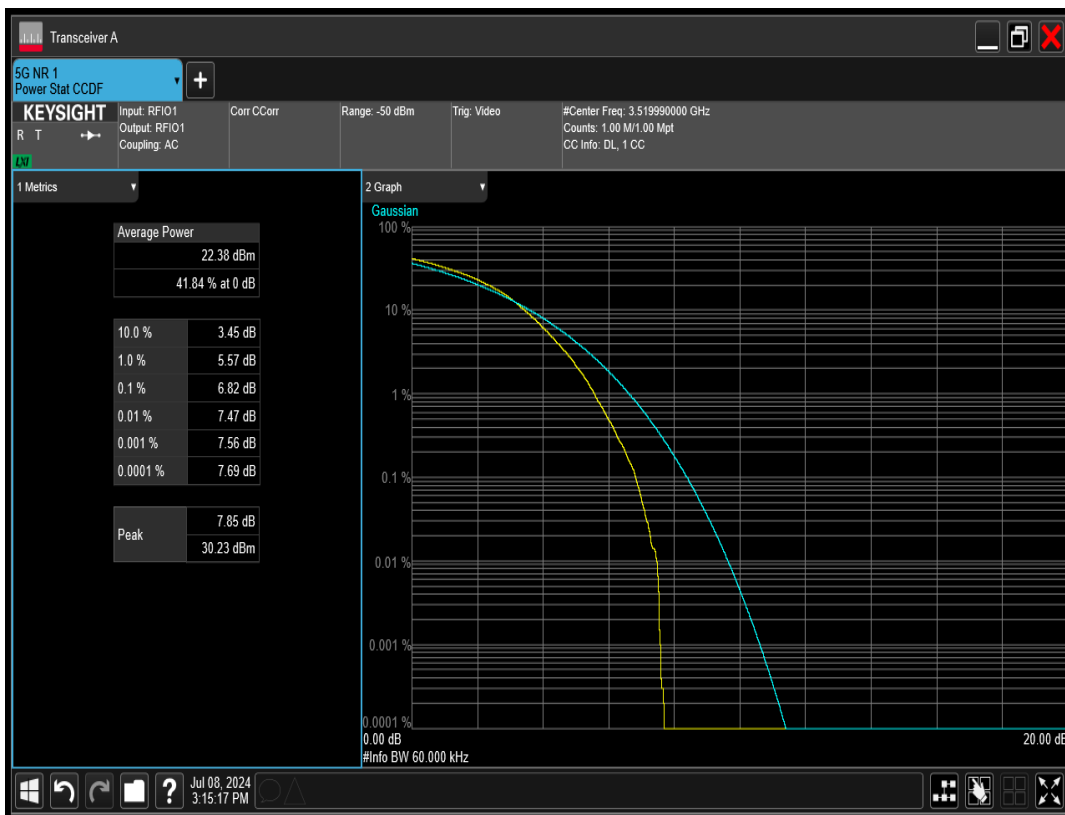
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=632000 RB=162@0*



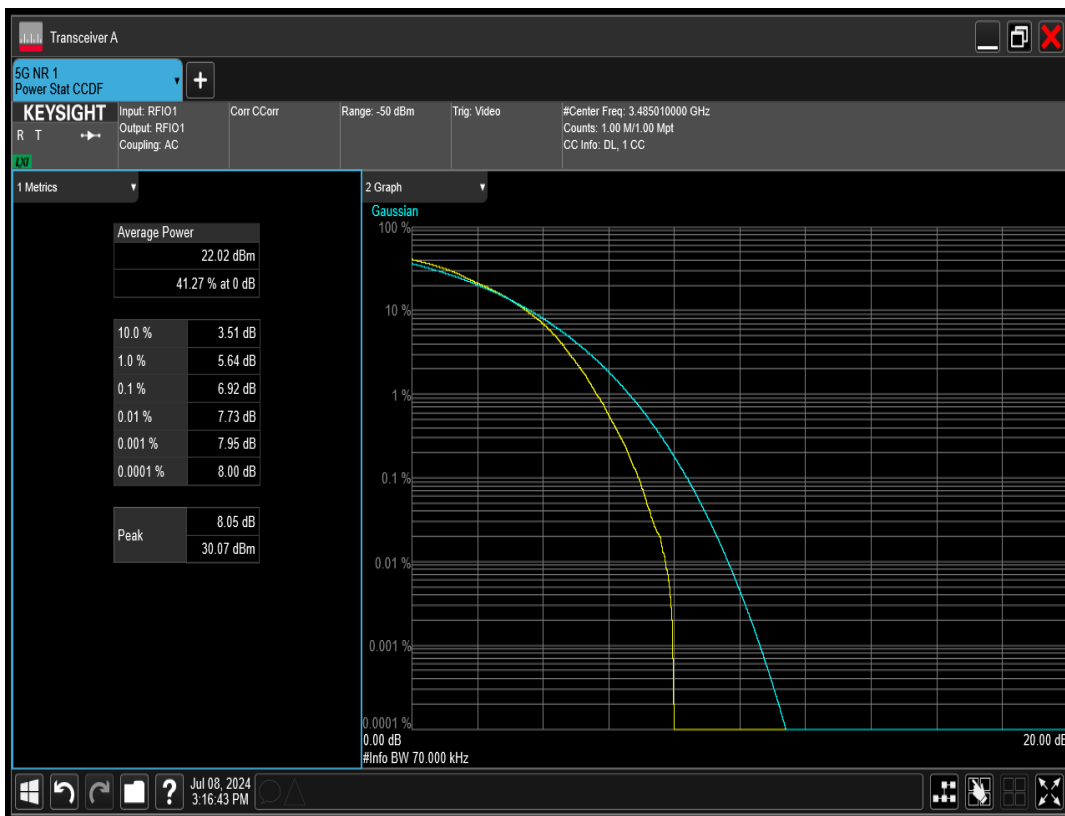
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=633334 RB=162@0*



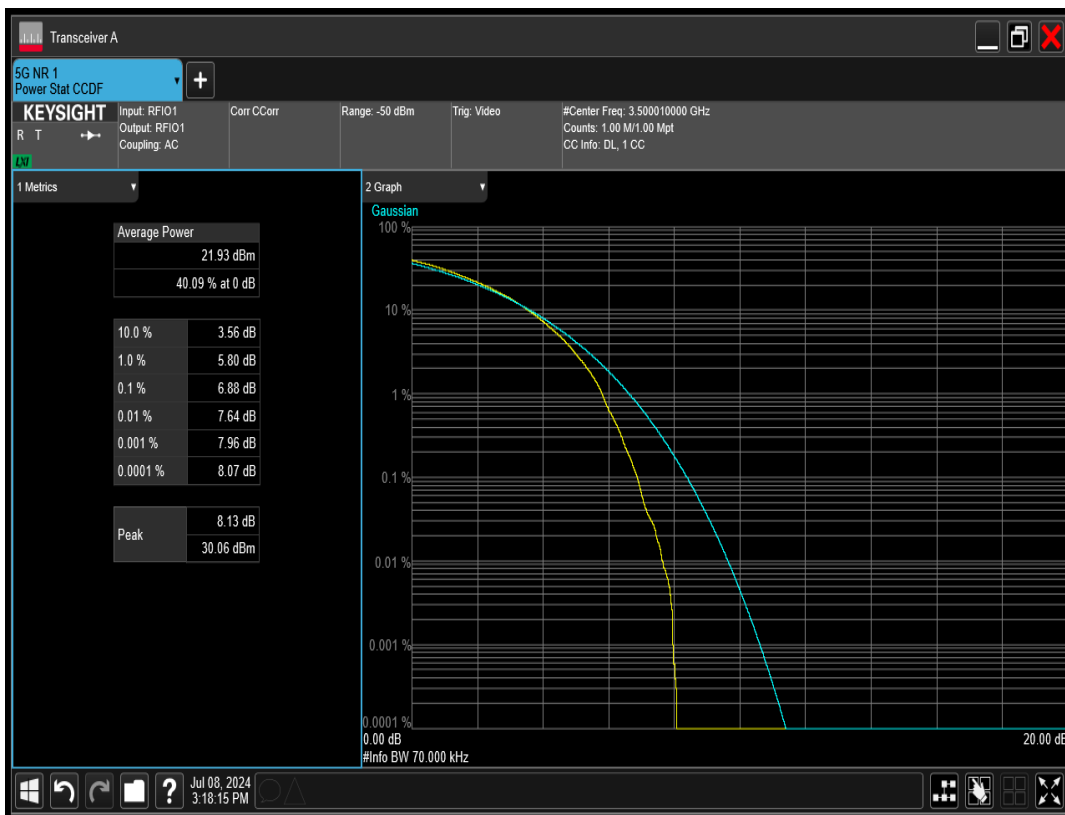
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=634666 RB=162@0*



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

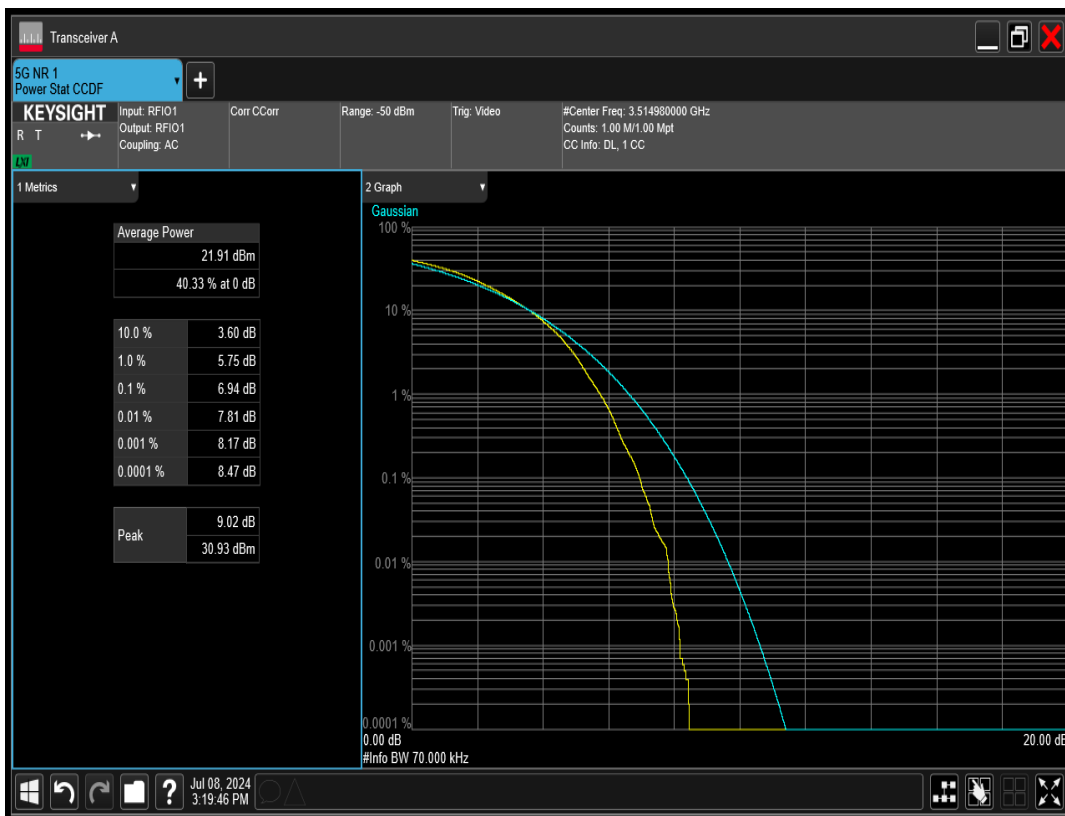


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=633334 RB=180@0*

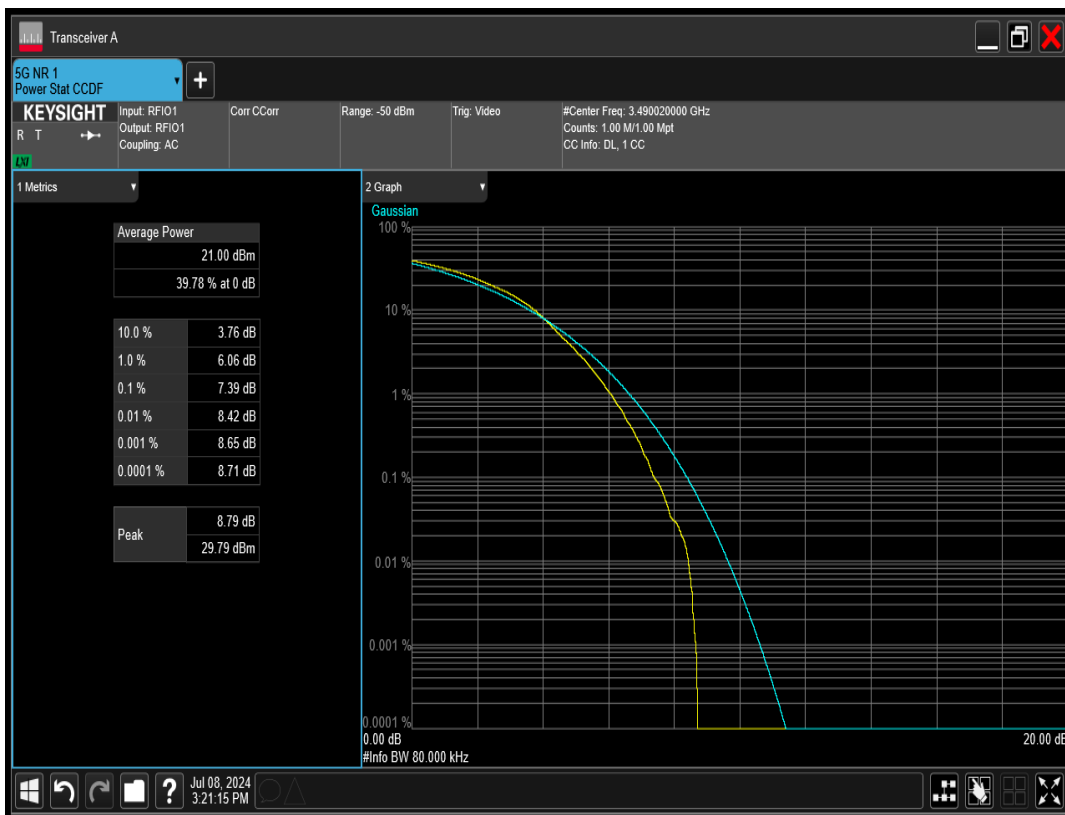


*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=634332 RB=180@0*

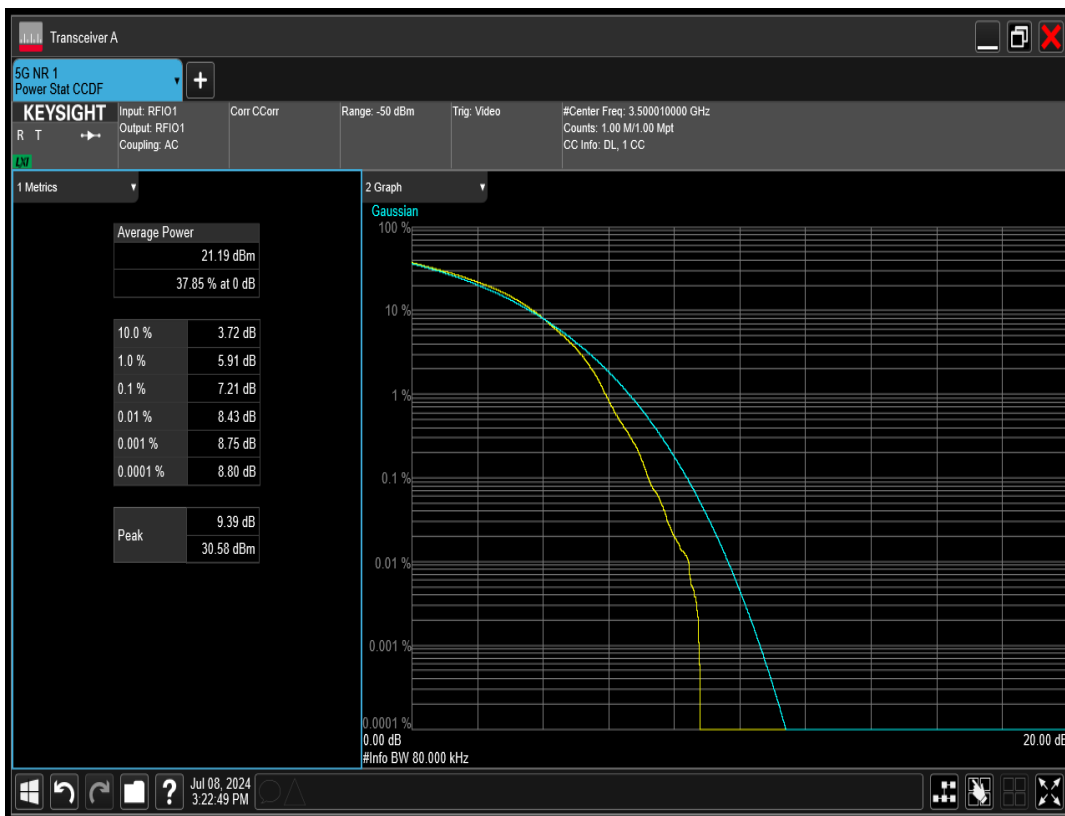




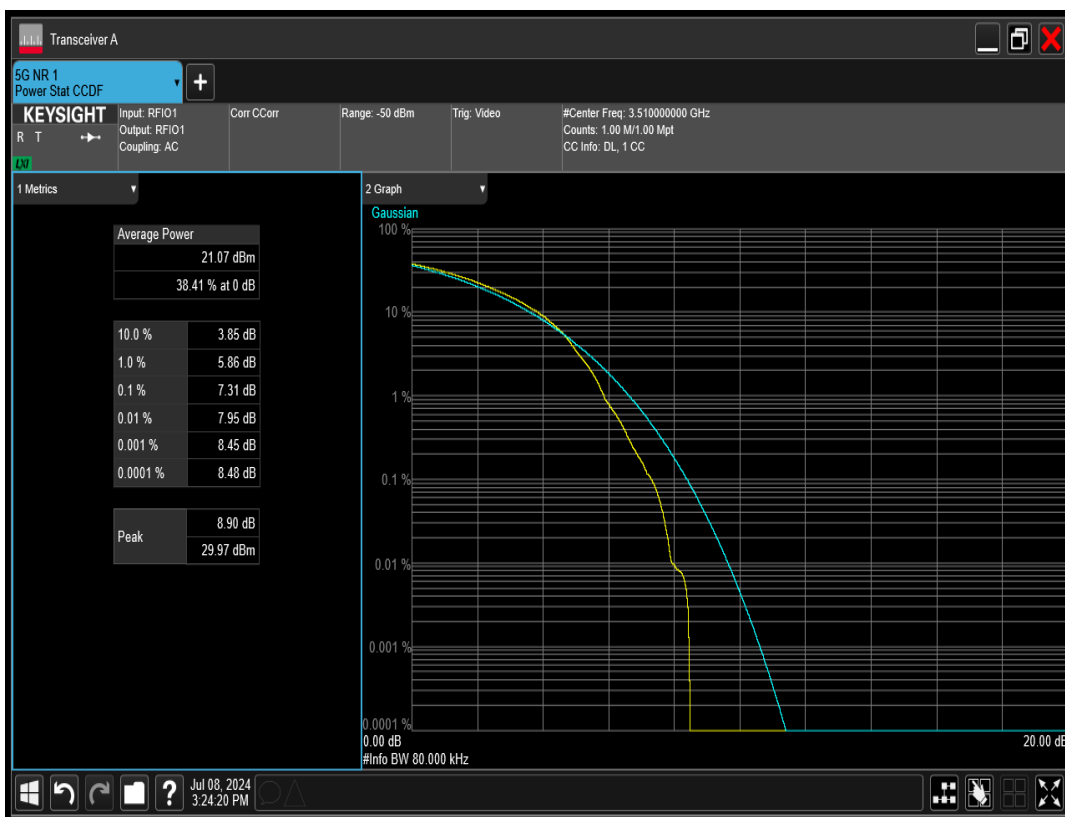
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=632668 RB=216@0*



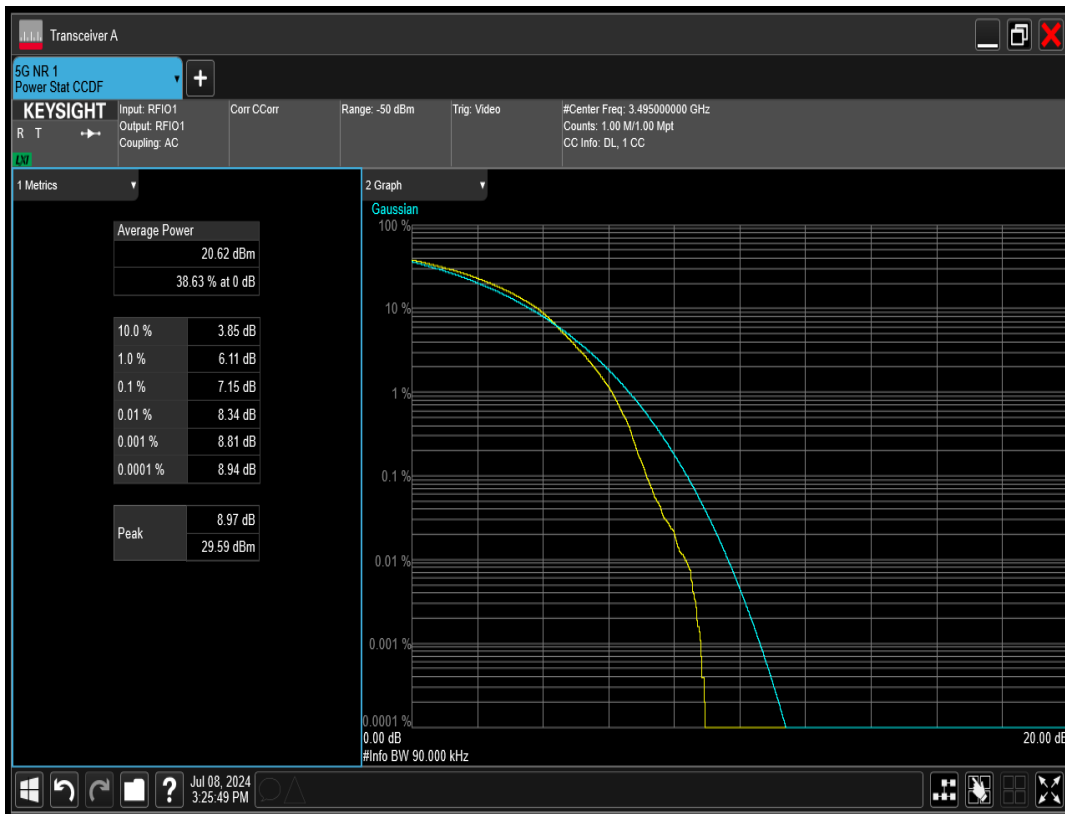
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216@0*



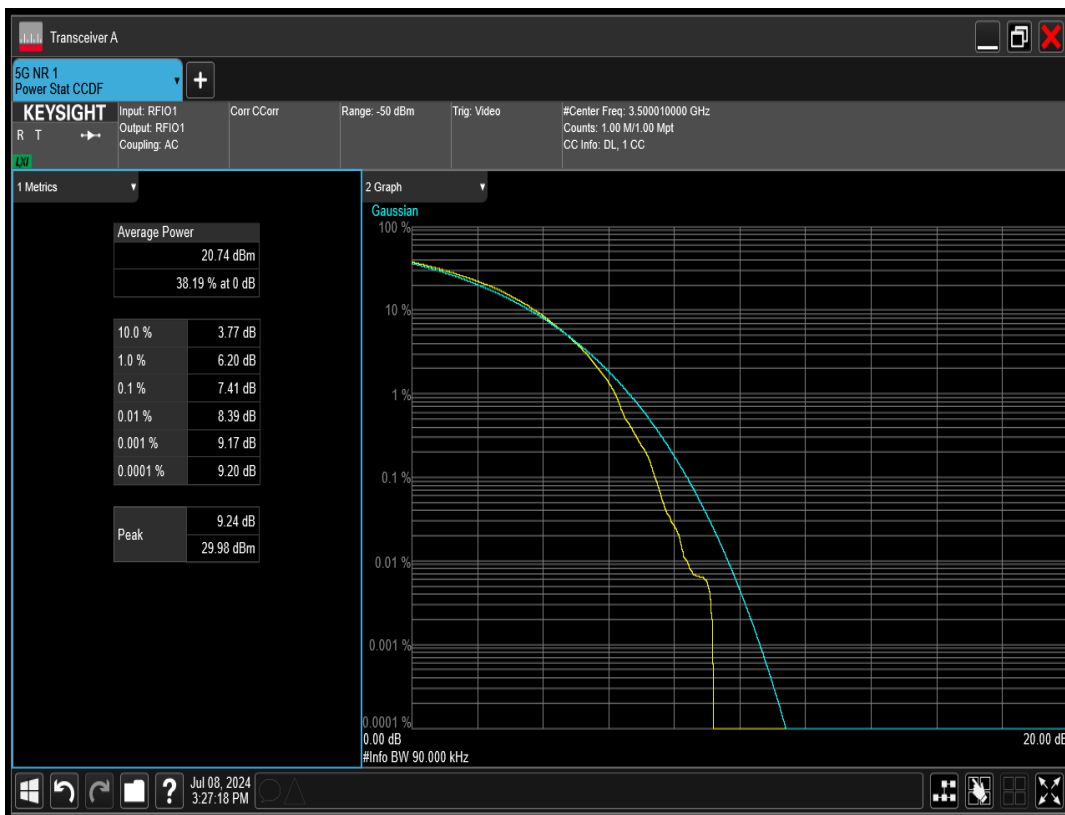
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=634000 RB=216@0*



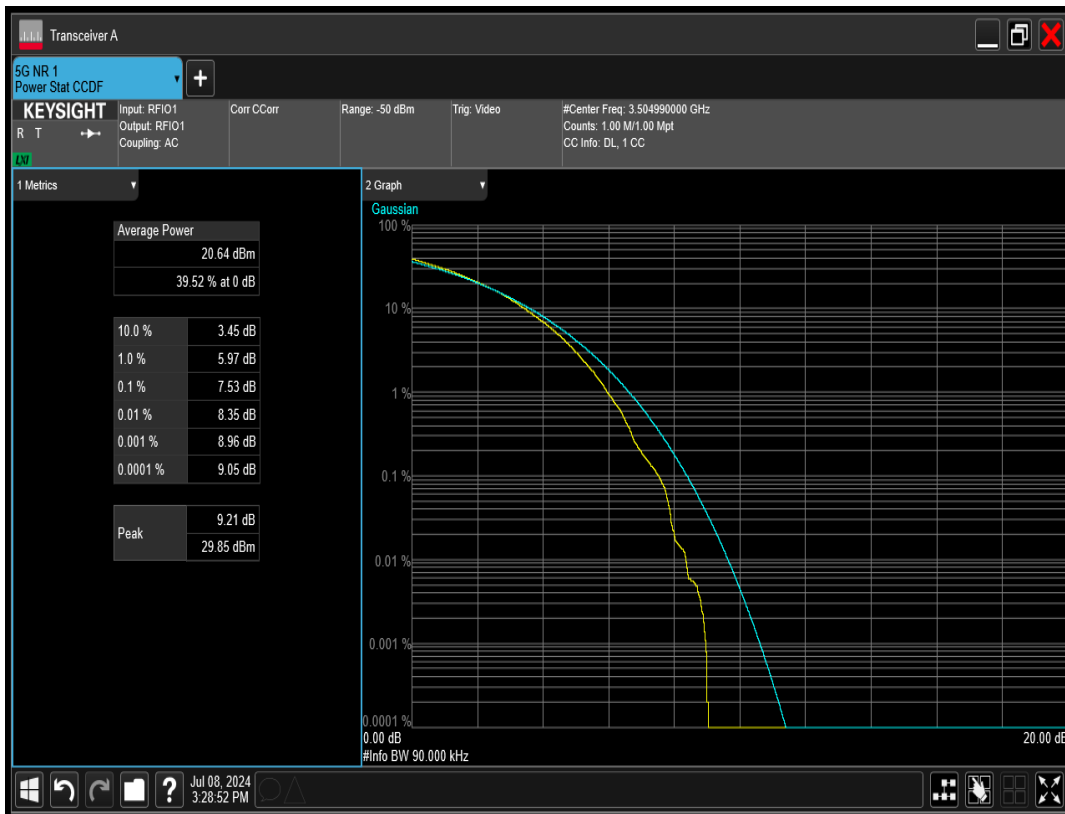
*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633000 RB=240@0*



*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

<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.550	8.960	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.570	8.970	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.570	8.950	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.560	8.910	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.570	8.990	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.430	13.290	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.520	13.340	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.420	13.250	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.410	13.240	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.400	13.280	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.030	18.300	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.040	18.320	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.030	18.280	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.040	18.260	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.030	18.280	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.560	27.270	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.570	27.260	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.530	27.490	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.620	27.330	PASS
n78(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.500	27.310	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.440	36.270	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.570	36.270	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.410	36.360	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.560	36.280	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.510	36.280	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.000	46.400	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.020	46.430	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM16	46.960	46.430	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.080	46.390	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM256	46.900	46.440	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.760	58.600	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.700	58.600	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.700	58.580	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.620	58.670	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.700	58.530	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	66.840	65.150	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	66.650	65.080	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM16	66.750	64.990	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM64	66.560	65.040	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM256	66.770	65.090	PASS

n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	76.950	78.080	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	76.960	78.180	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM16	76.840	78.040	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM64	76.830	78.060	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM256	76.930	78.050	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.680	86.730	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.540	86.790	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.330	86.760	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.540	86.650	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.330	86.730	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.310	97.610	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.190	97.580	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.150	97.470	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.300	97.470	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.170	97.550	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=20MHz Channel=633334 RB=50 @0**



**n78(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=633334 RB=75 @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=30MHz Channel=633334 RB=75@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=60MHz Channel=633334 RB=162@0**



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



**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=633334 RB=216@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0**





**n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=633334 RB=270@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=633334 RB=24@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=633334 RB=36@0**



**n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=50@0**