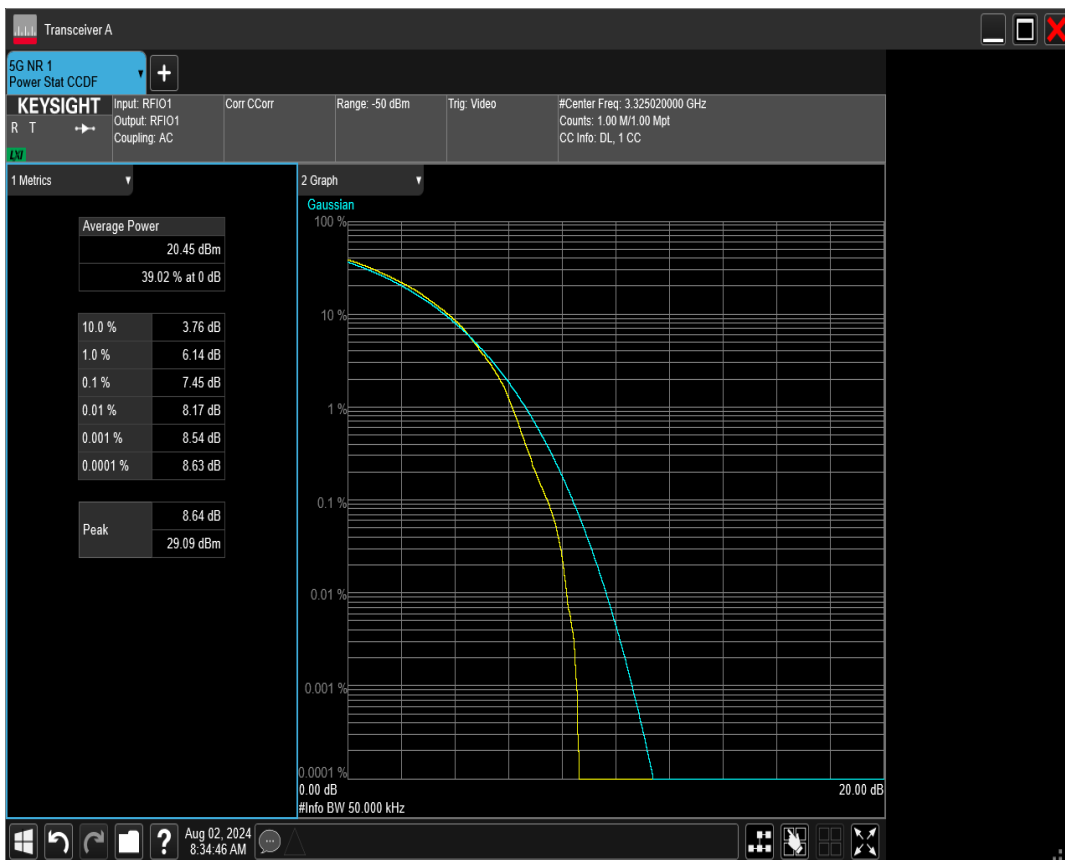
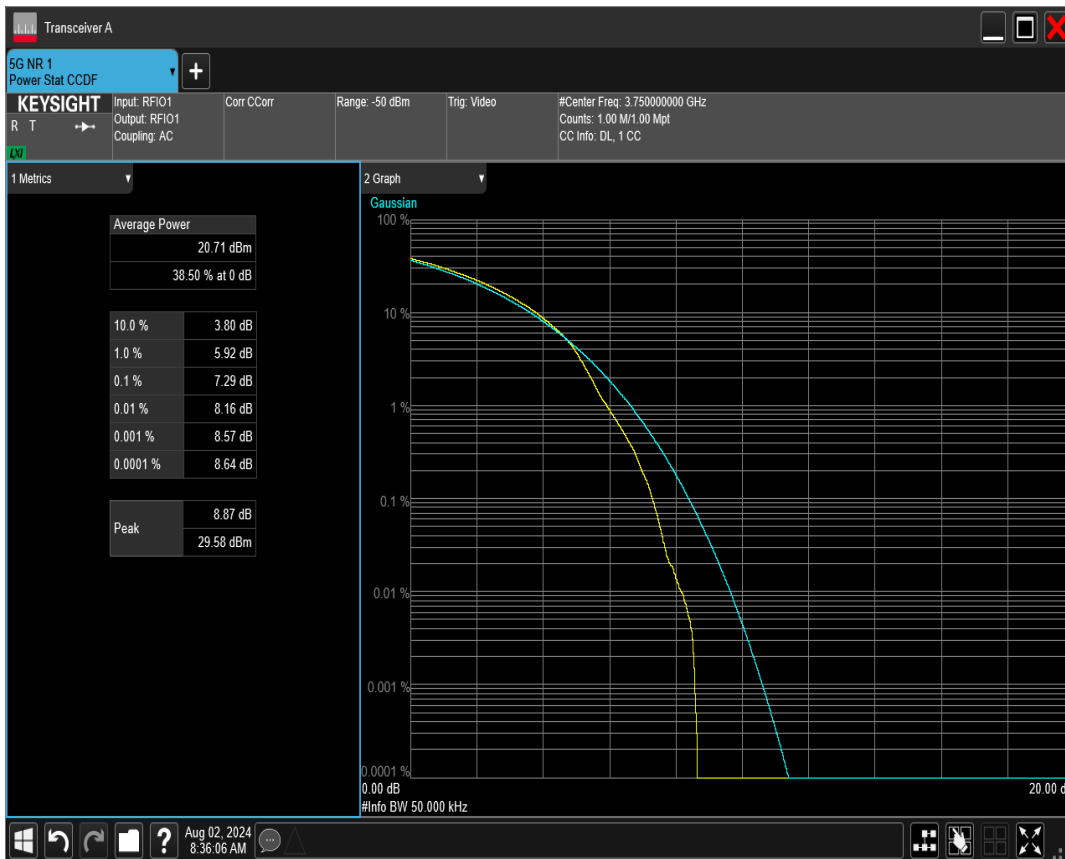


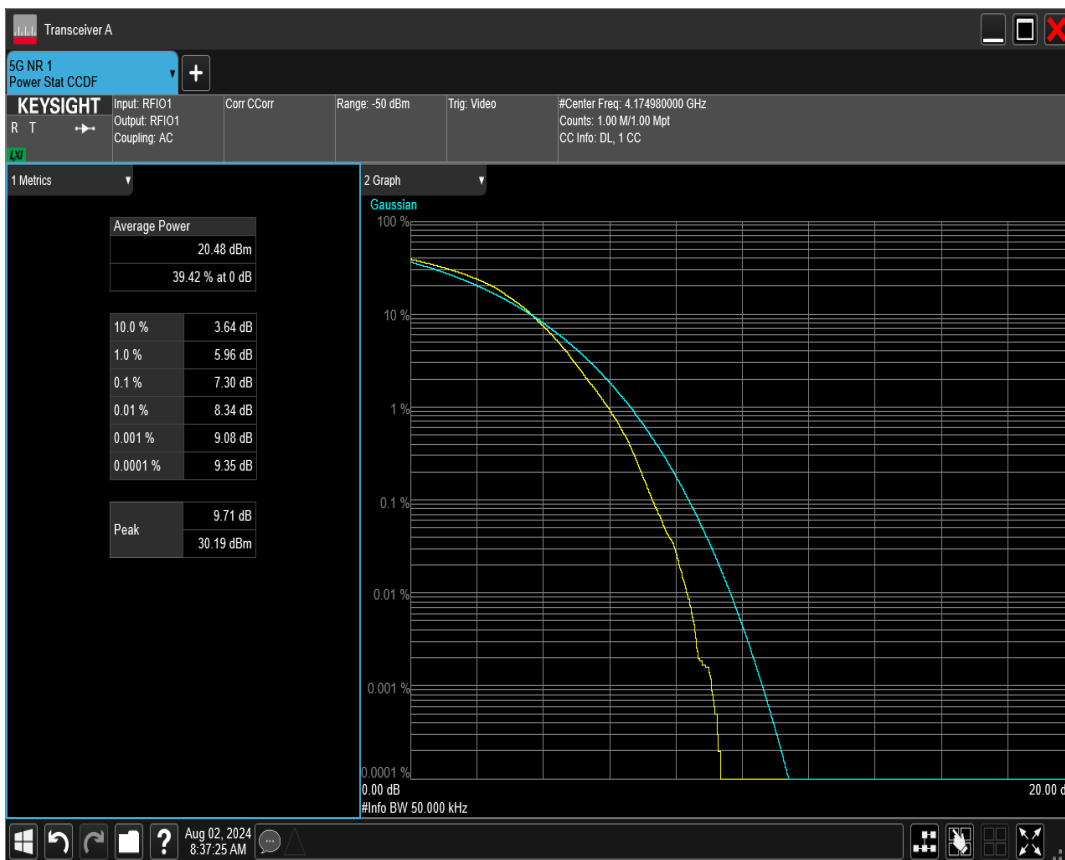
*n77 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=621668 RB=128 @0*



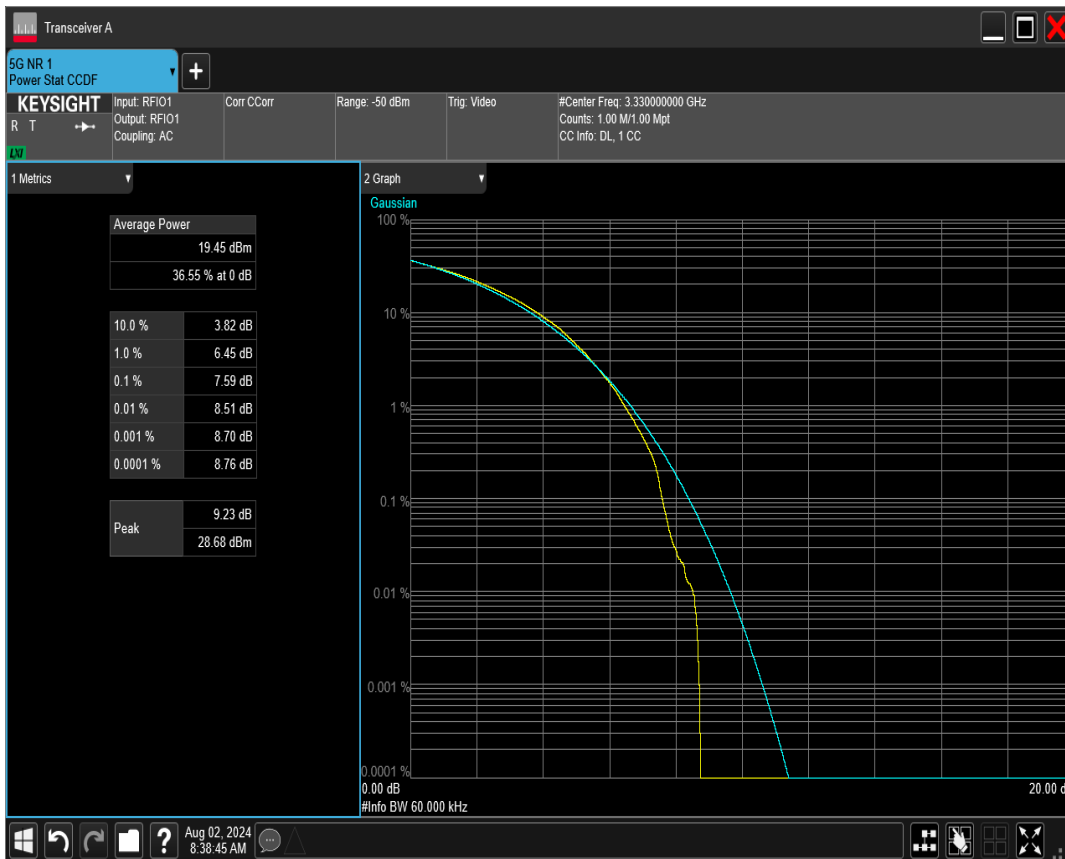
*n77 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=650000 RB=128 @0*



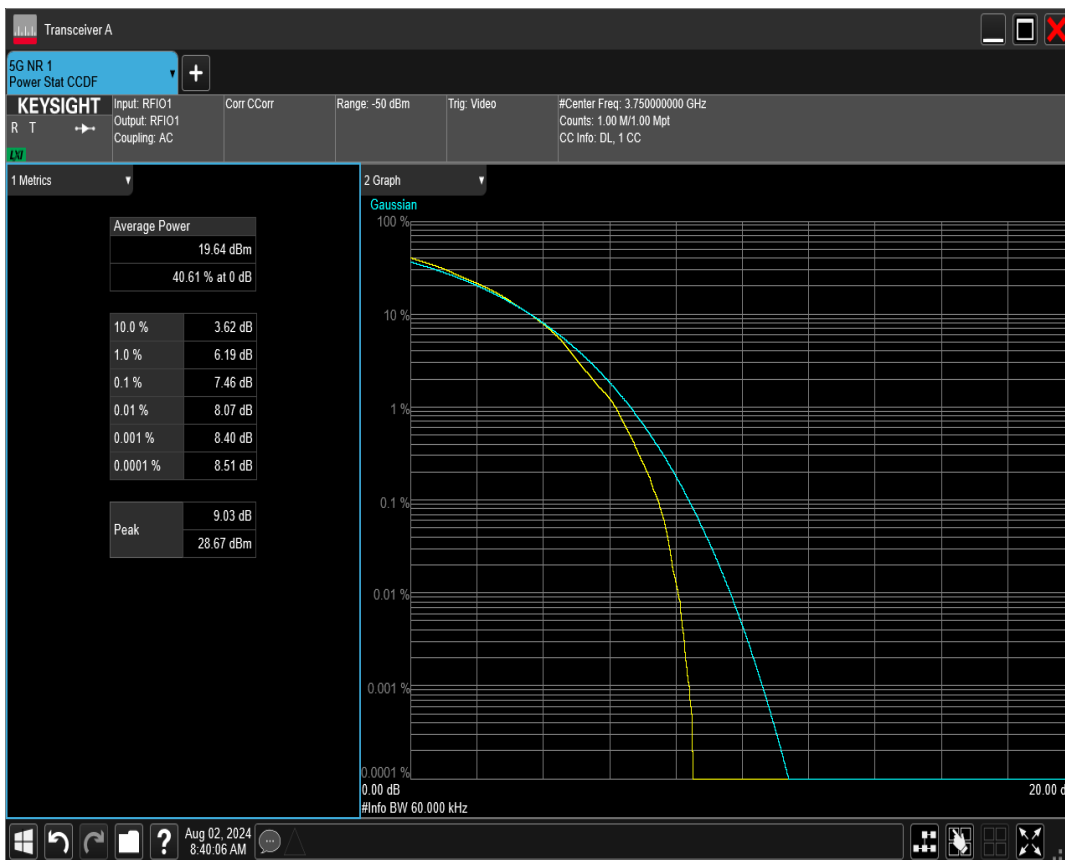
*n77 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=678332 RB=128 @0*



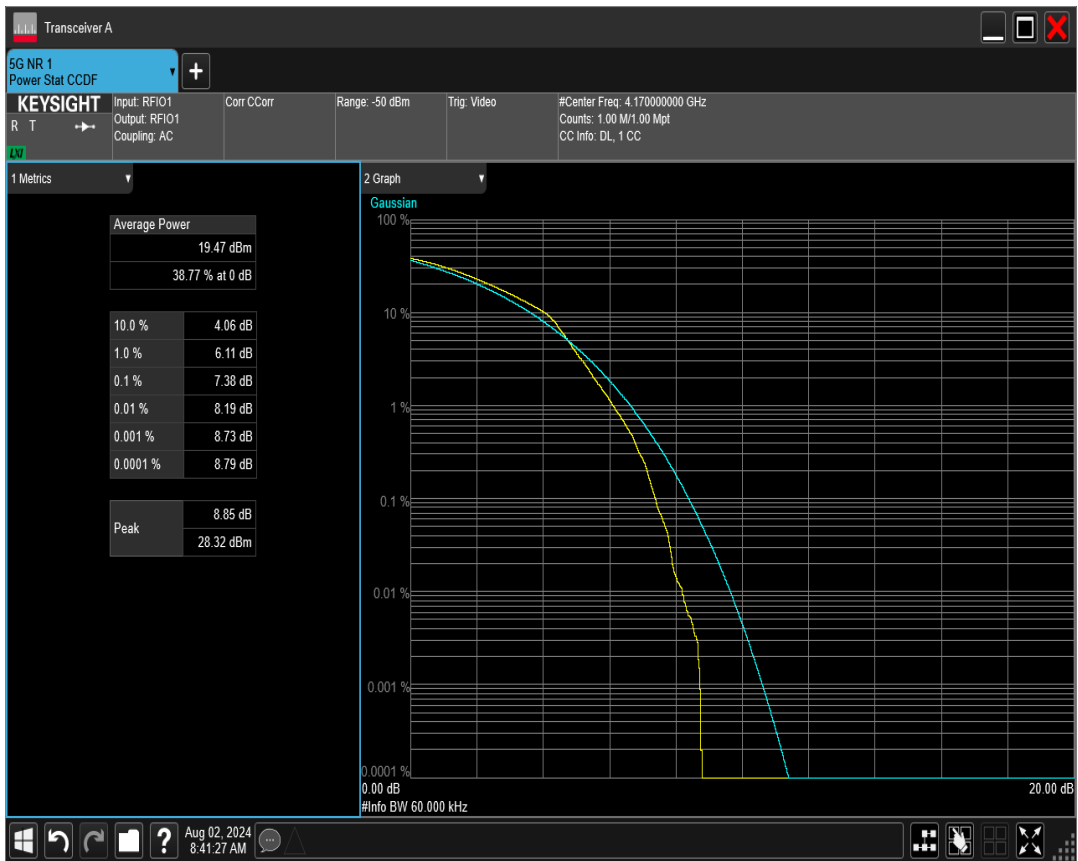
*n77 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=622000 RB=162 @0*



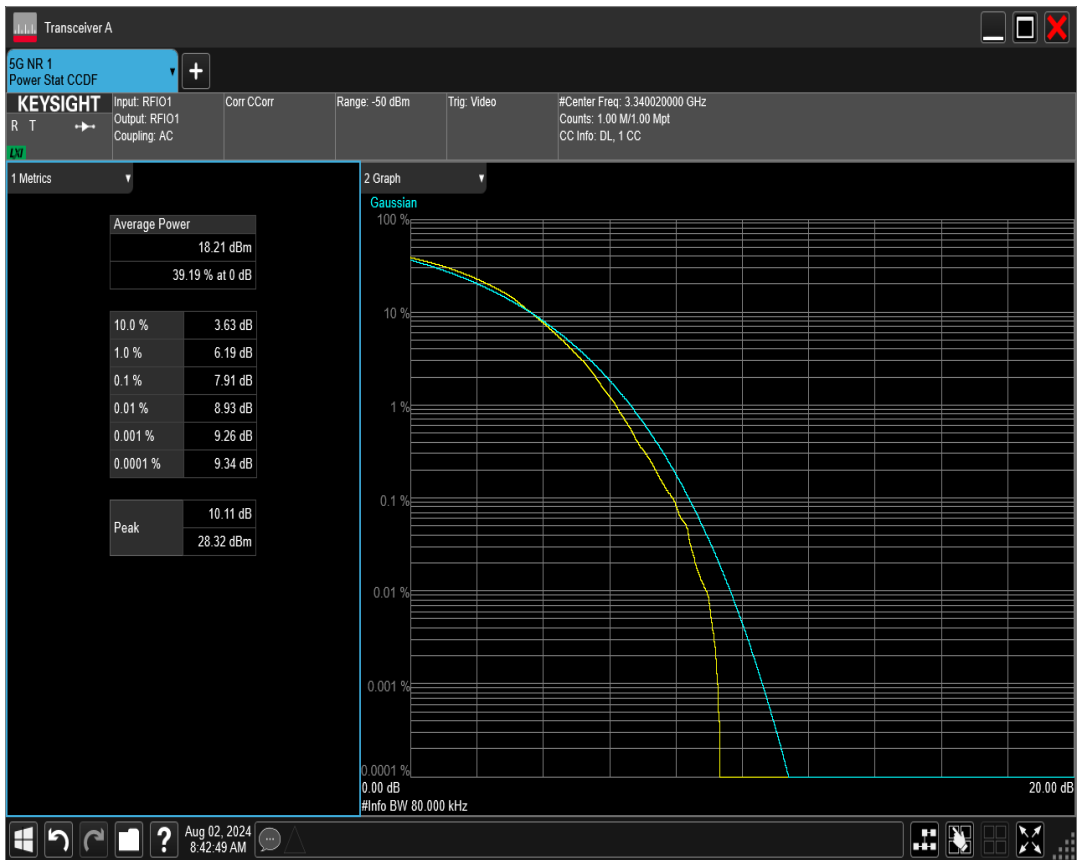
*n77 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=650000 RB=162 @0*



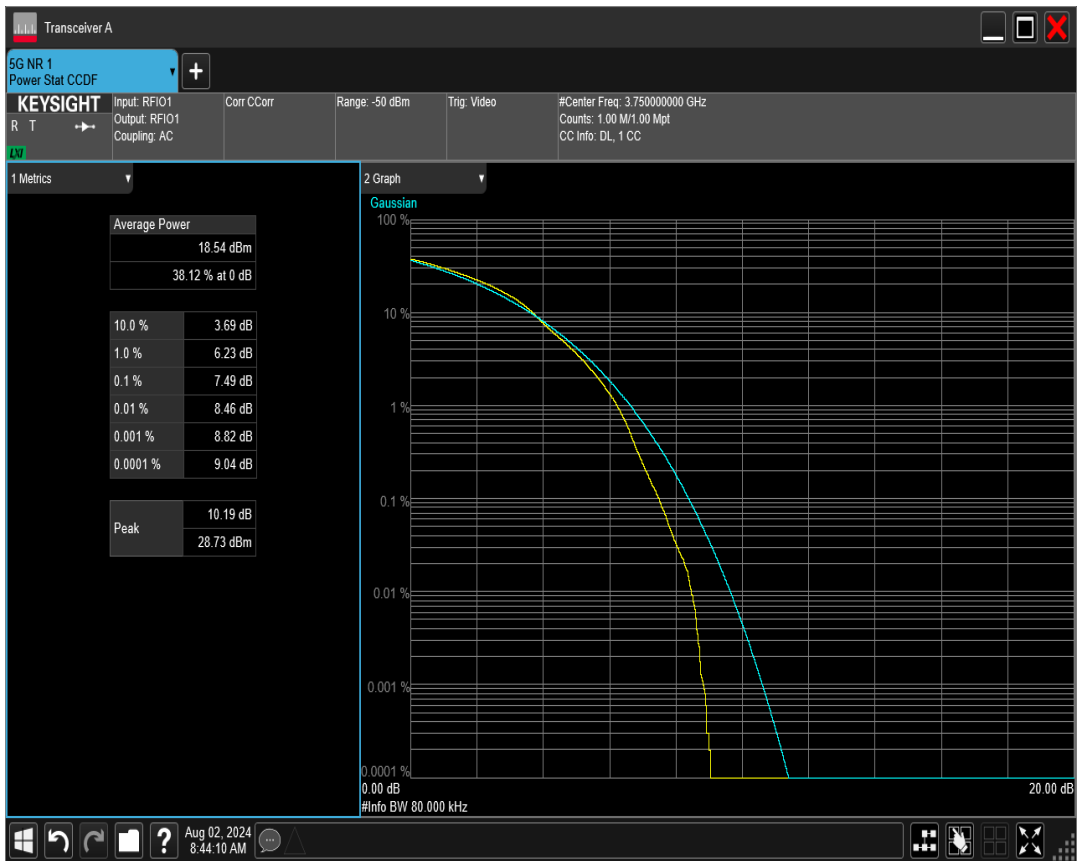
*n77 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=678000 RB=162 @0*



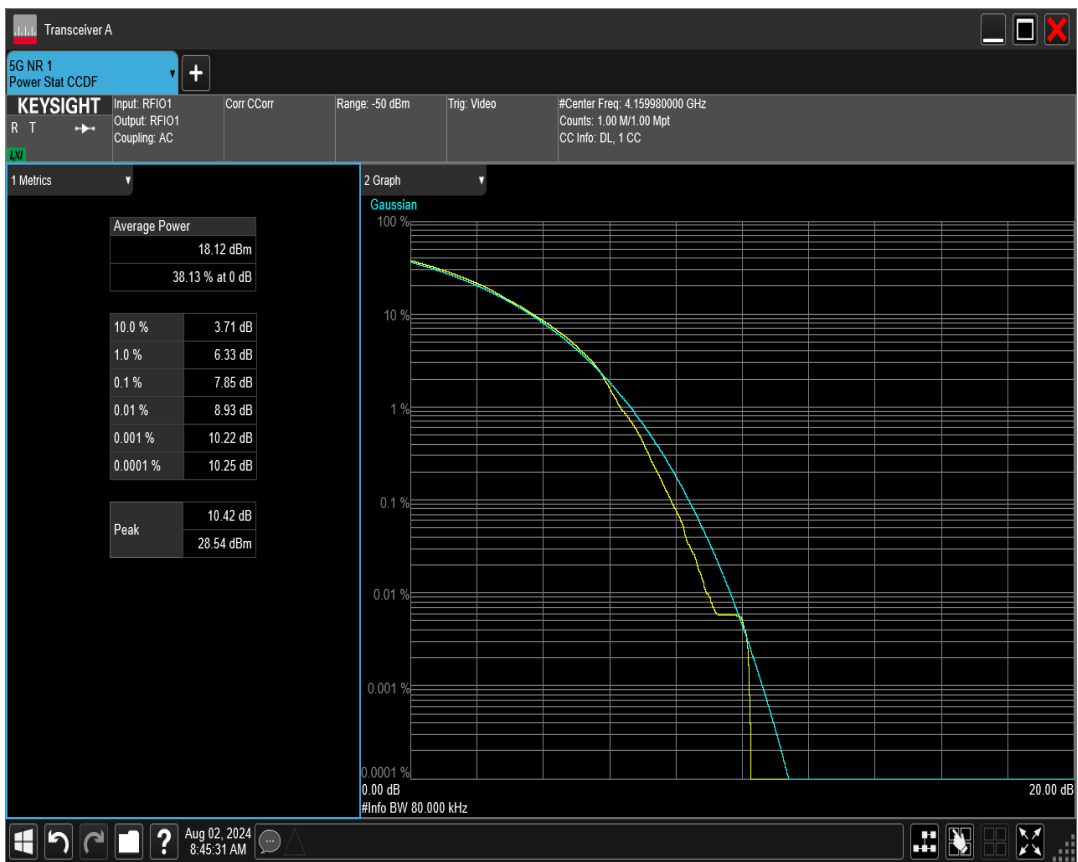
*n77 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=622668 RB=216 @0*



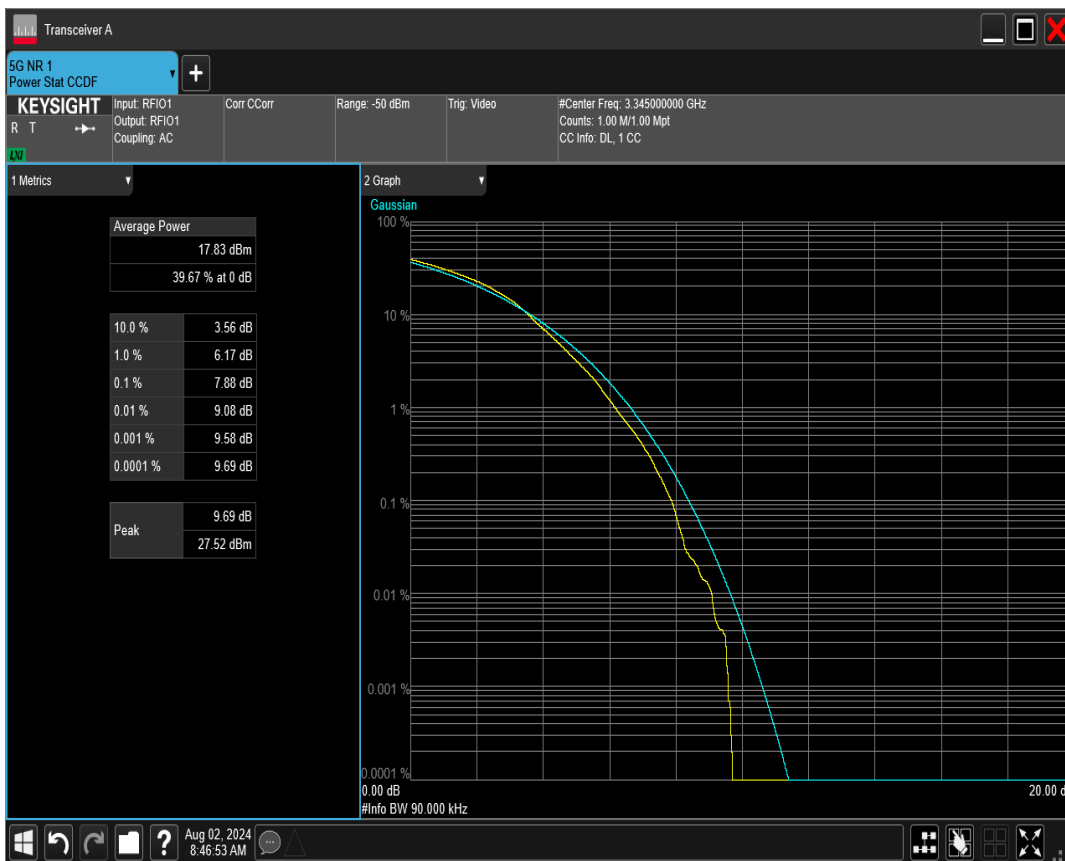
*n77 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=650000 RB=216 @0*



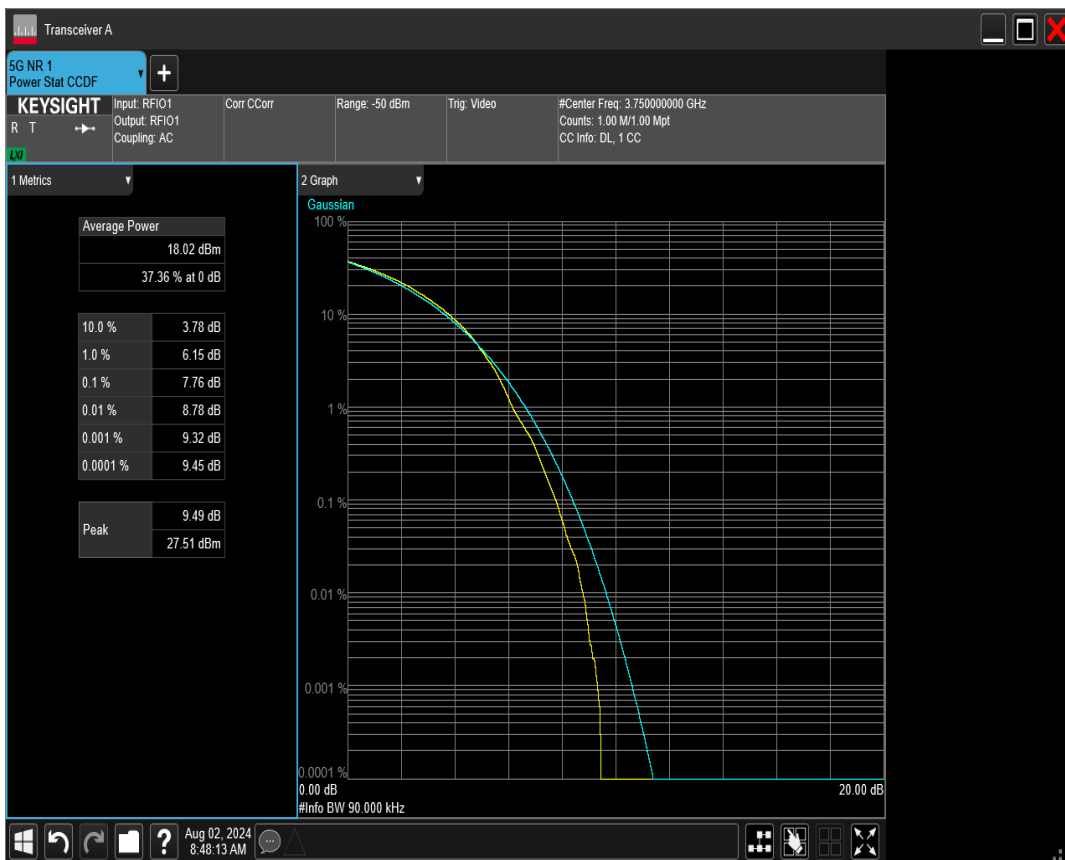
*n77 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=677332 RB=216 @0*



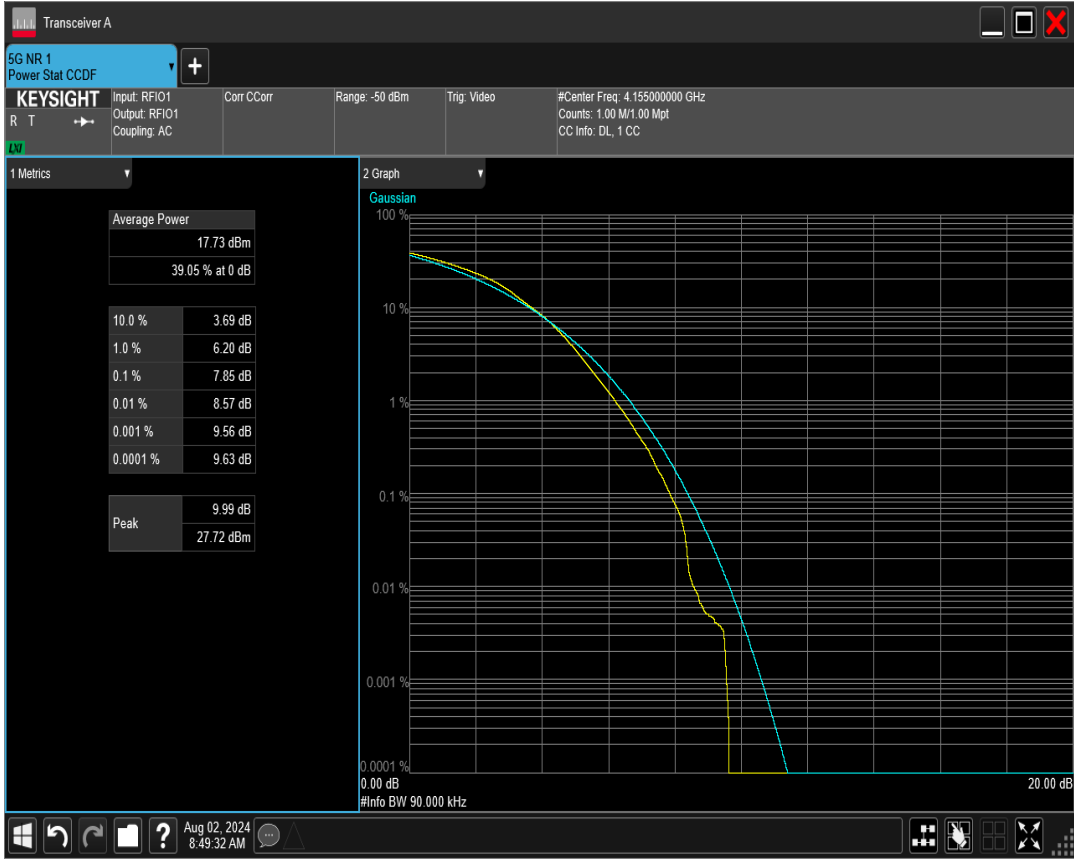
*n77 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=623000 RB=240 @0*



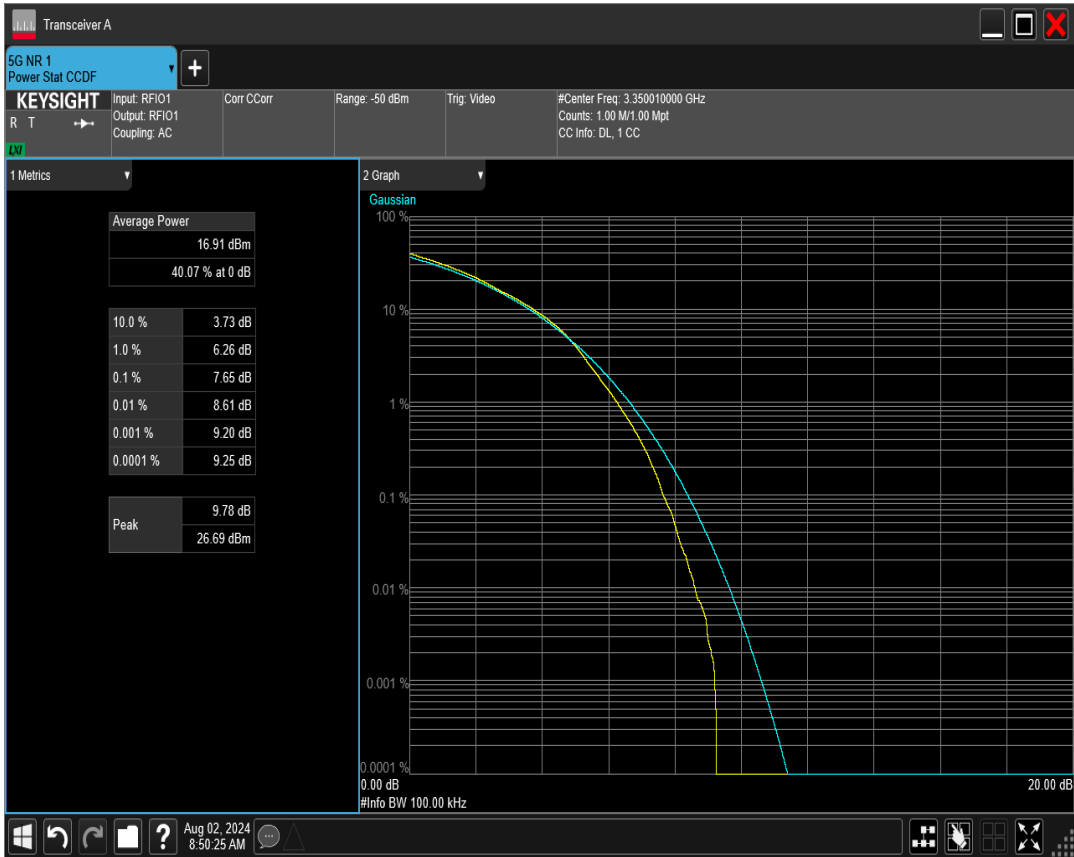
*n77 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=650000 RB=240 @0*



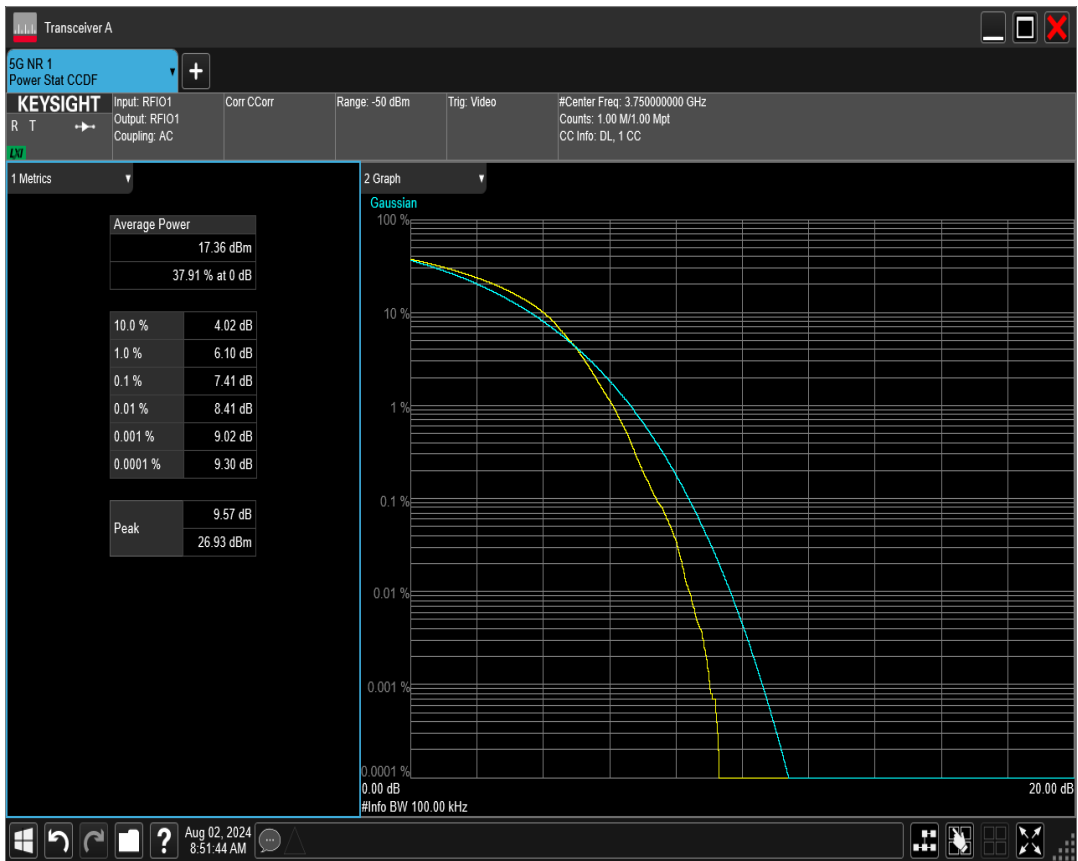
*n77 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=677000 RB=240 @0*



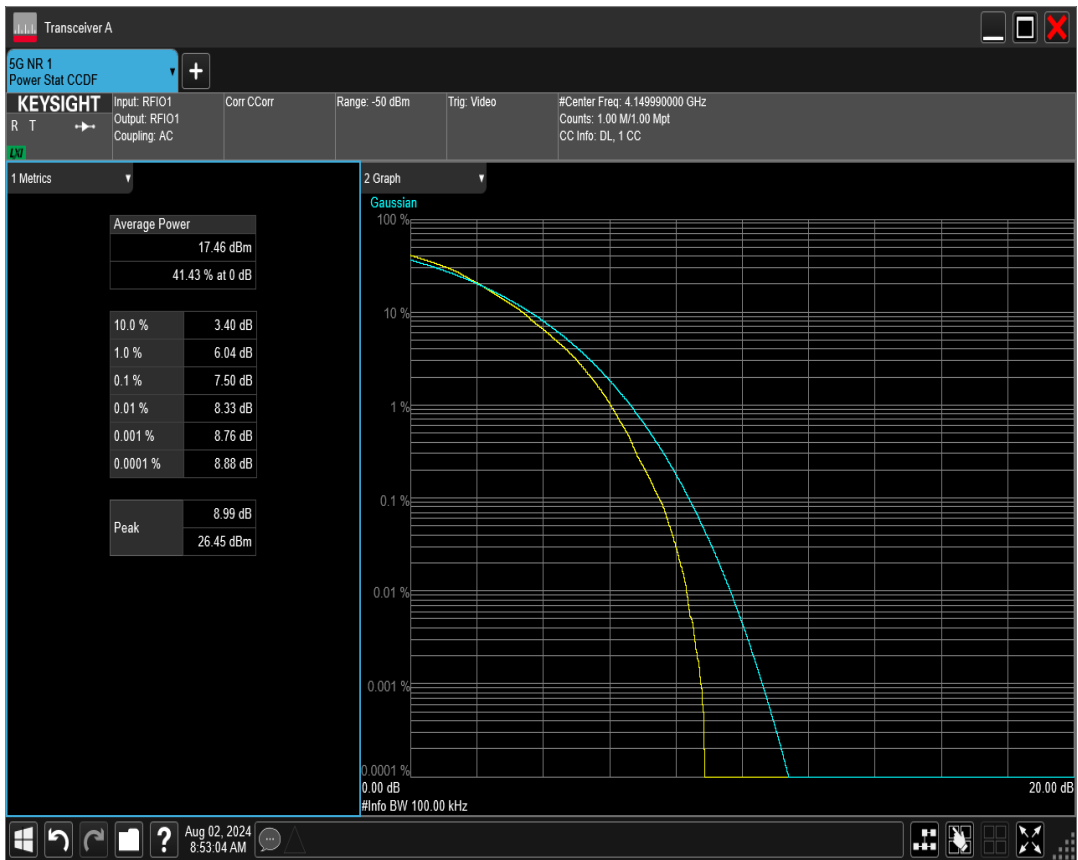
*n77 SCS=30kHz DFT\_QPSK BW=100MHz Channel=623334 RB=270 @0*



*n77 SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270 @0*

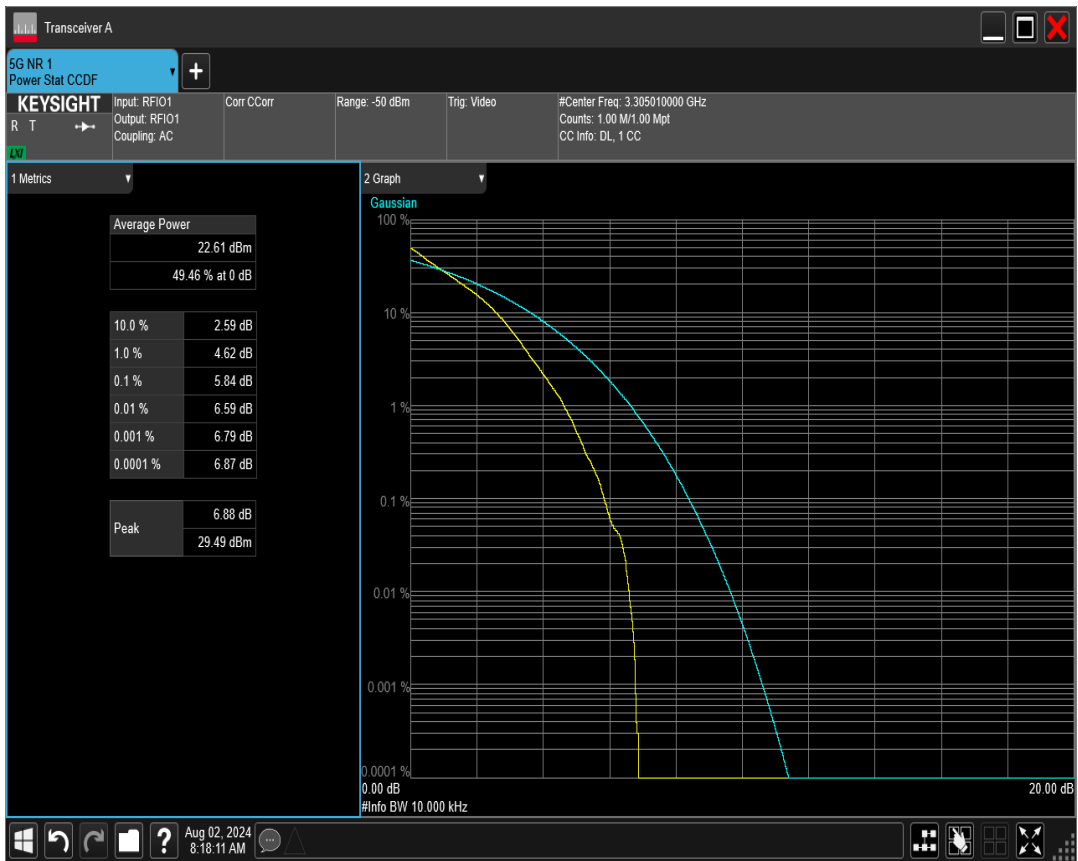


*n77 SCS=30kHz DFT\_QPSK BW=100MHz Channel=676666 RB=270 @0*

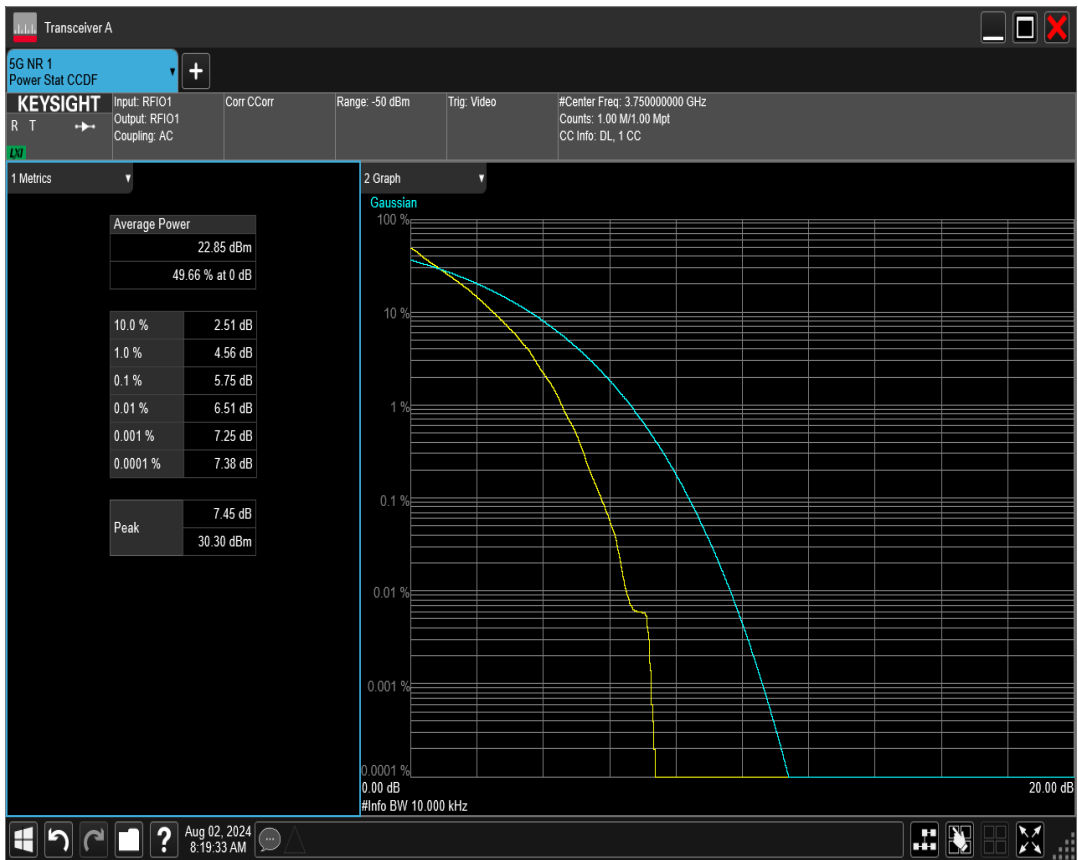


*n77 SCS=30kHz DFT\_QPSK BW=10MHz Channel=620334 RB=24 @0*

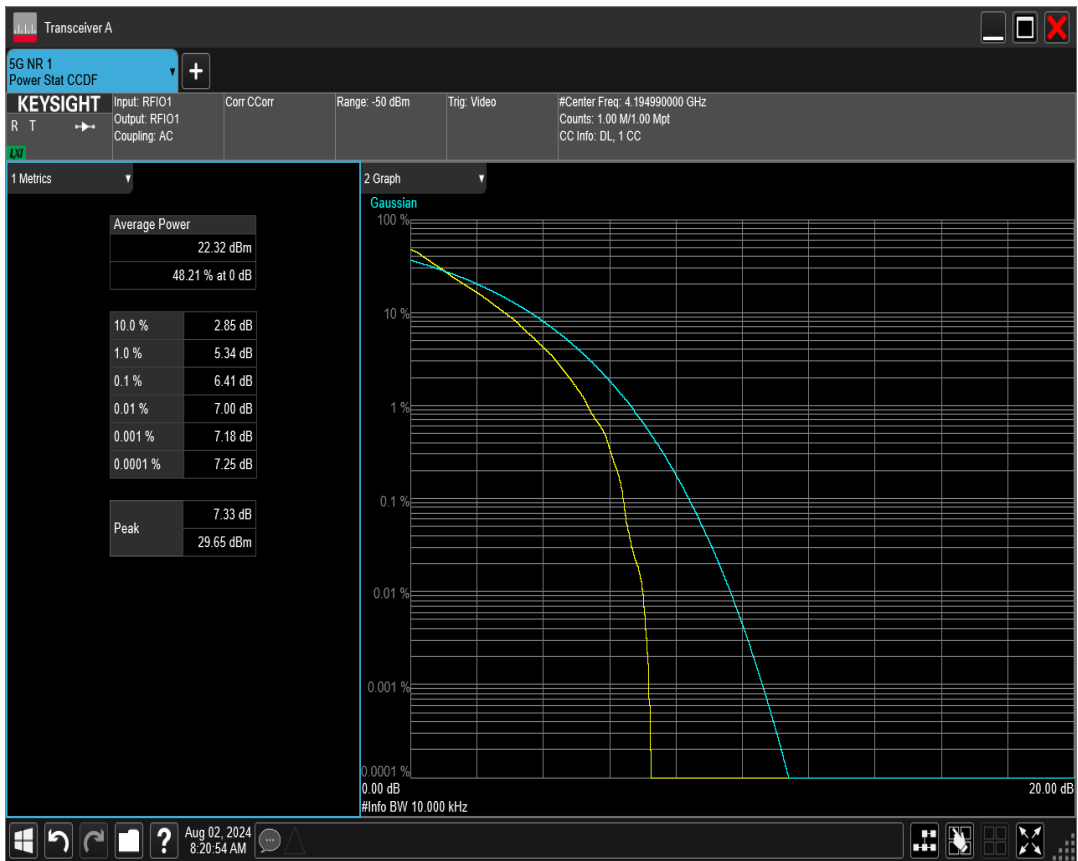




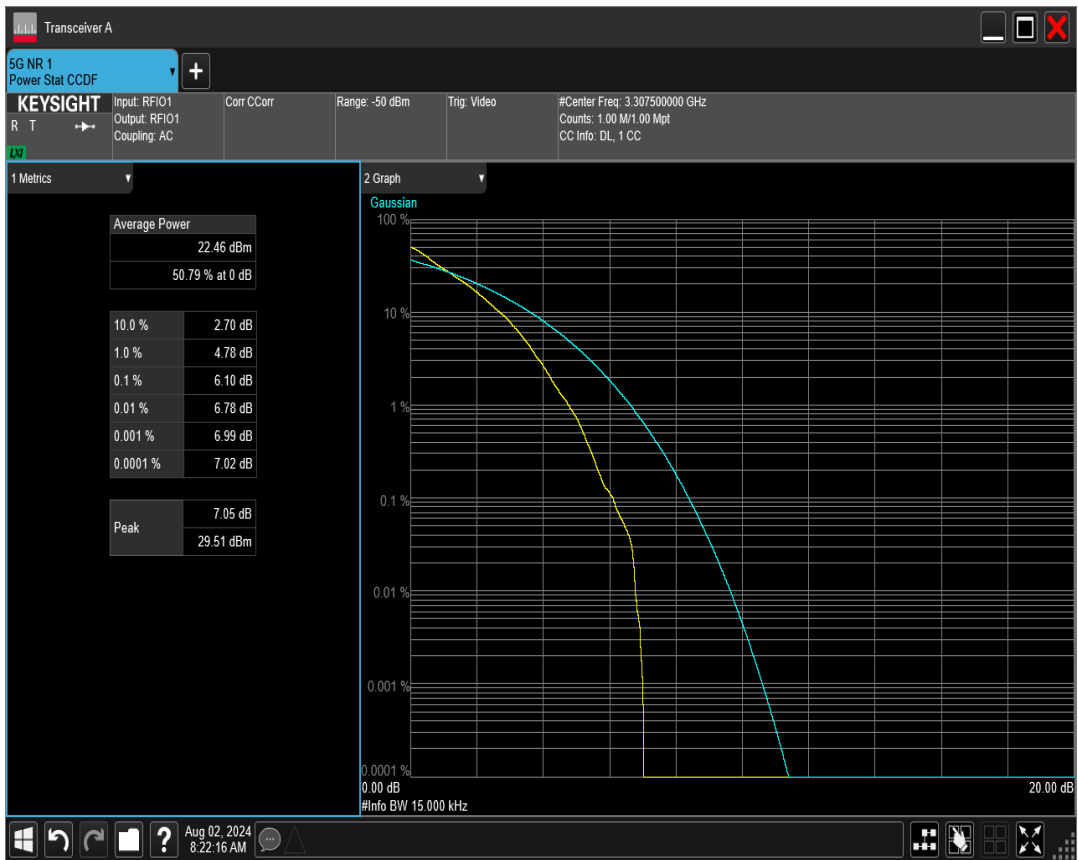
*n77 SCS=30kHz DFT\_QPSK BW=10MHz Channel=650000 RB=24 @0*



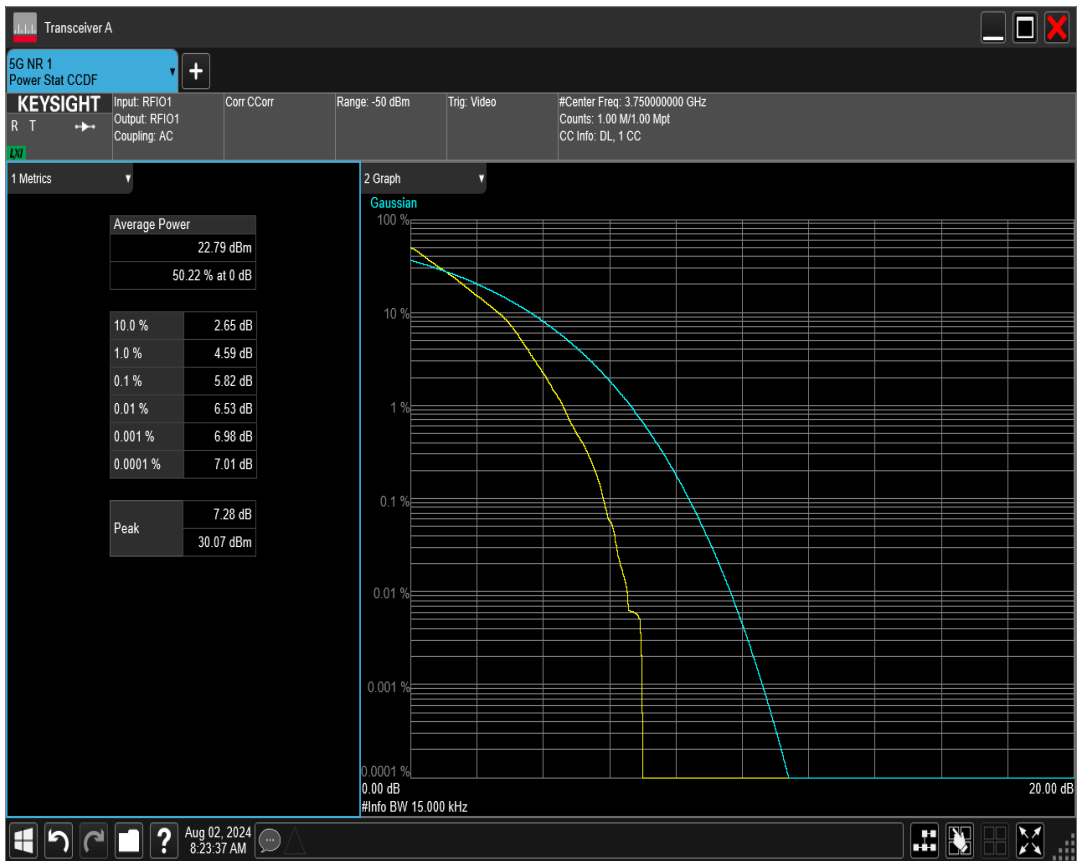
*n77 SCS=30kHz DFT\_QPSK BW=10MHz Channel=679666 RB=24 @0*



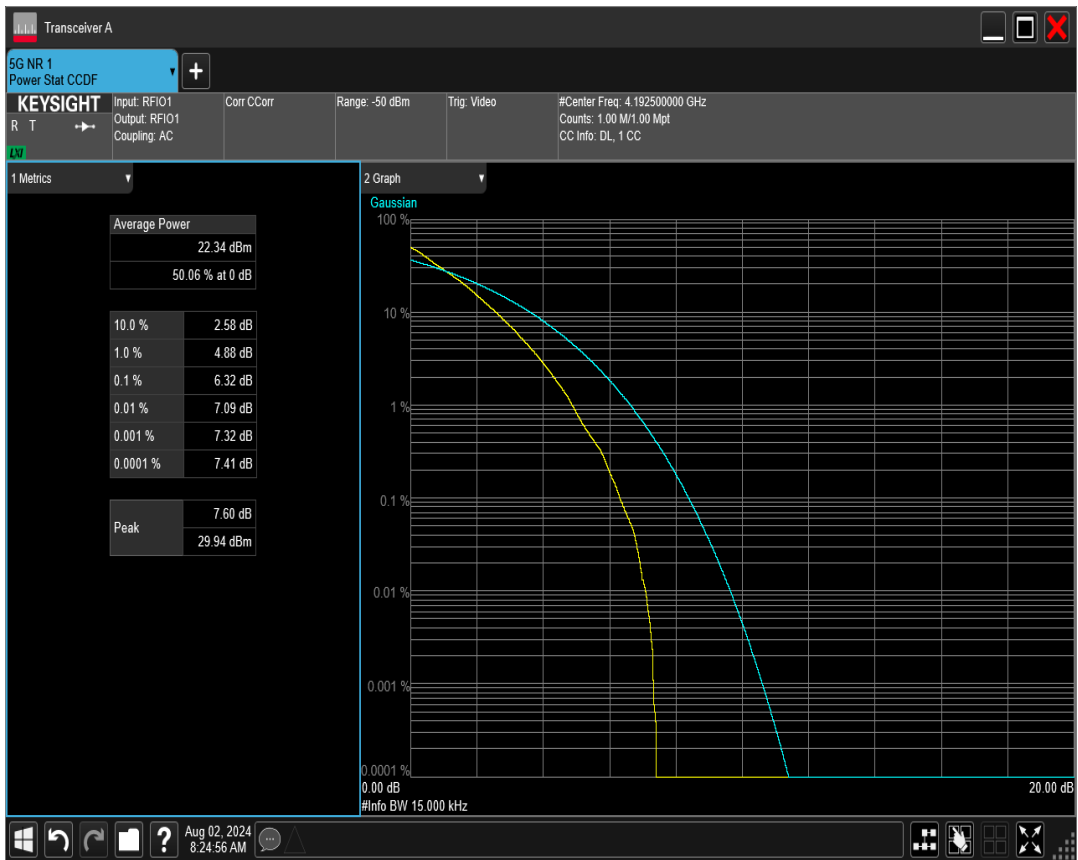
*n77 SCS=30kHz DFT\_QPSK BW=15MHz Channel=620500 RB=36 @0*



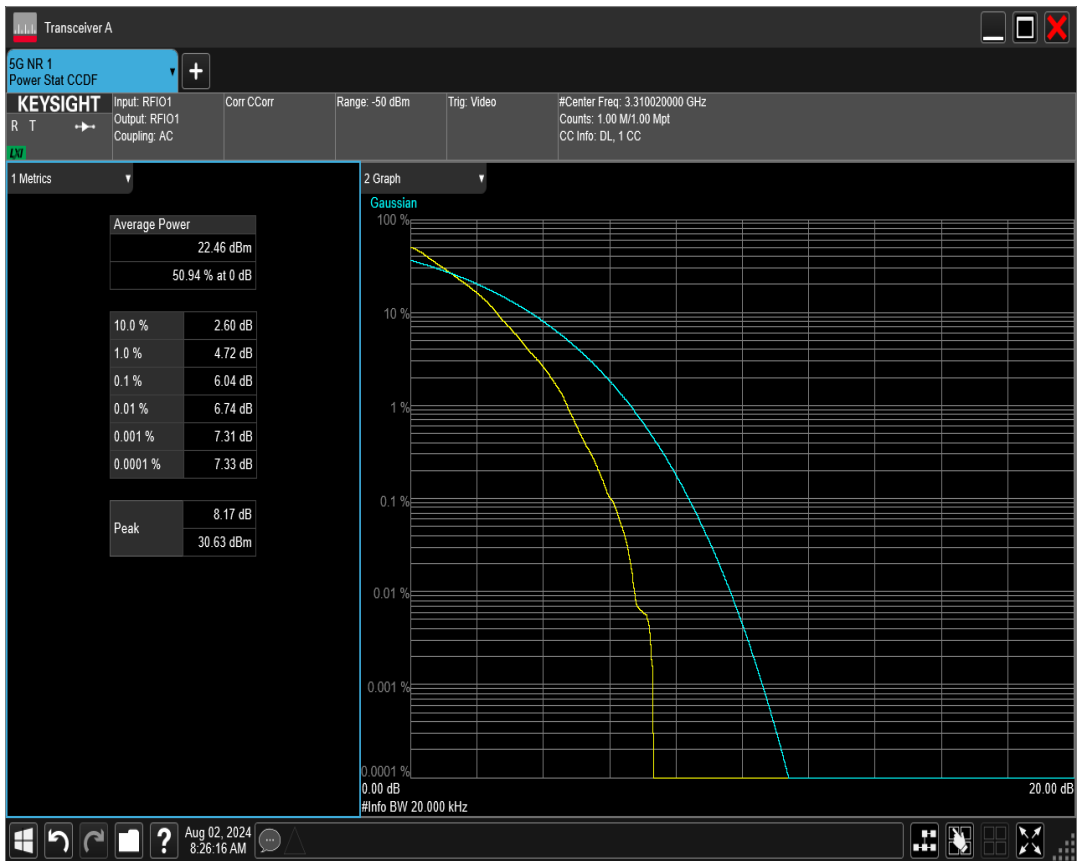
*n77 SCS=30kHz DFT\_QPSK BW=15MHz Channel=650000 RB=36 @0*



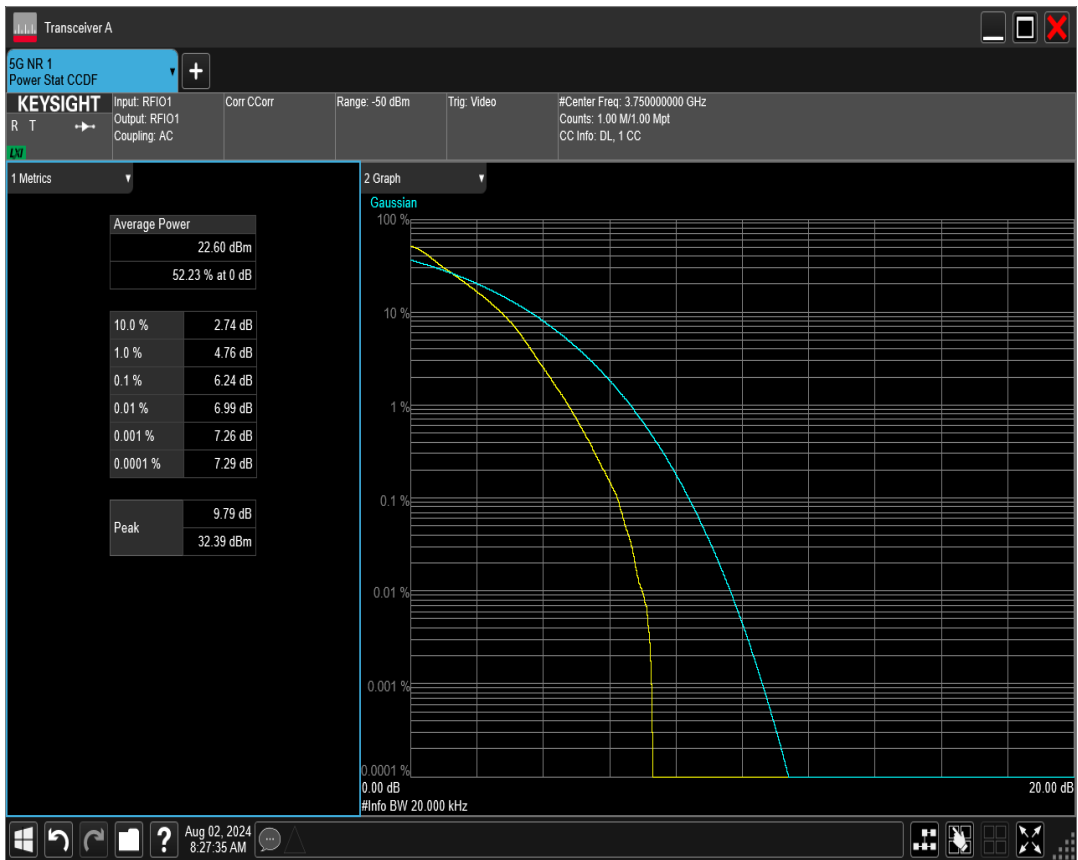
*n77 SCS=30kHz DFT\_QPSK BW=15MHz Channel=679500 RB=36 @0*



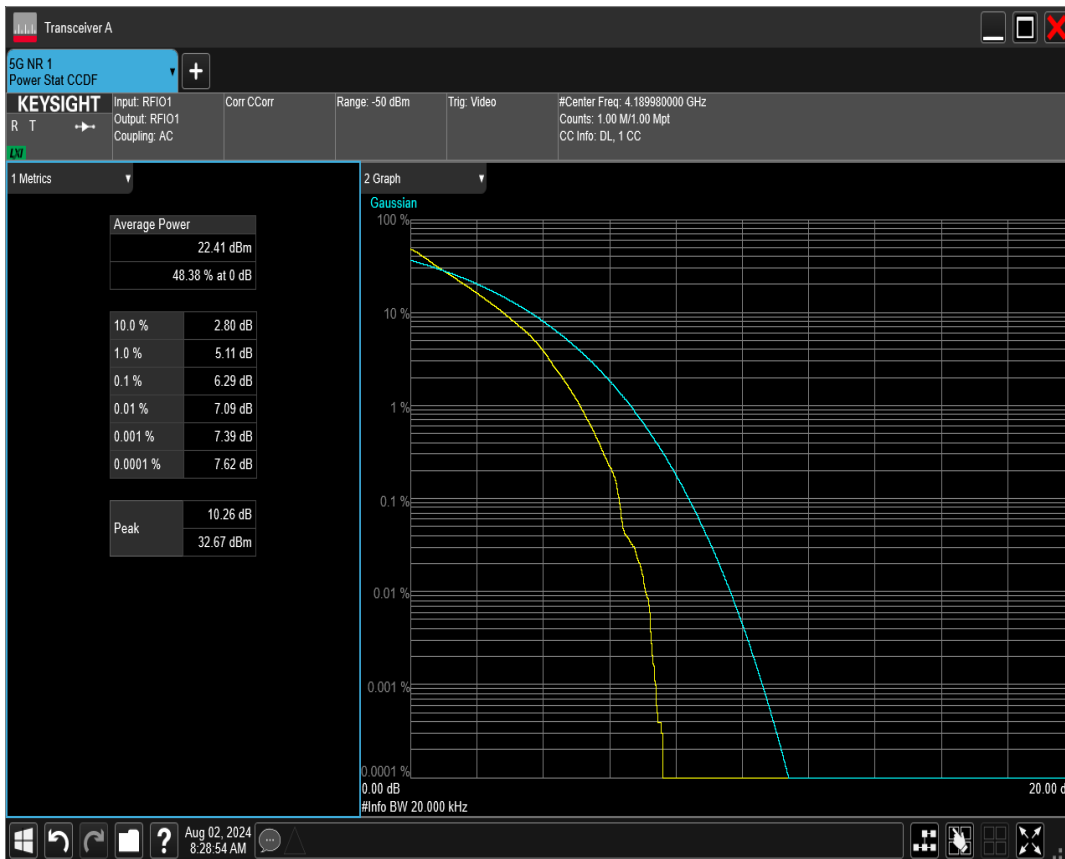
*n77 SCS=30kHz DFT\_QPSK BW=20MHz Channel=620668 RB=50 @0*



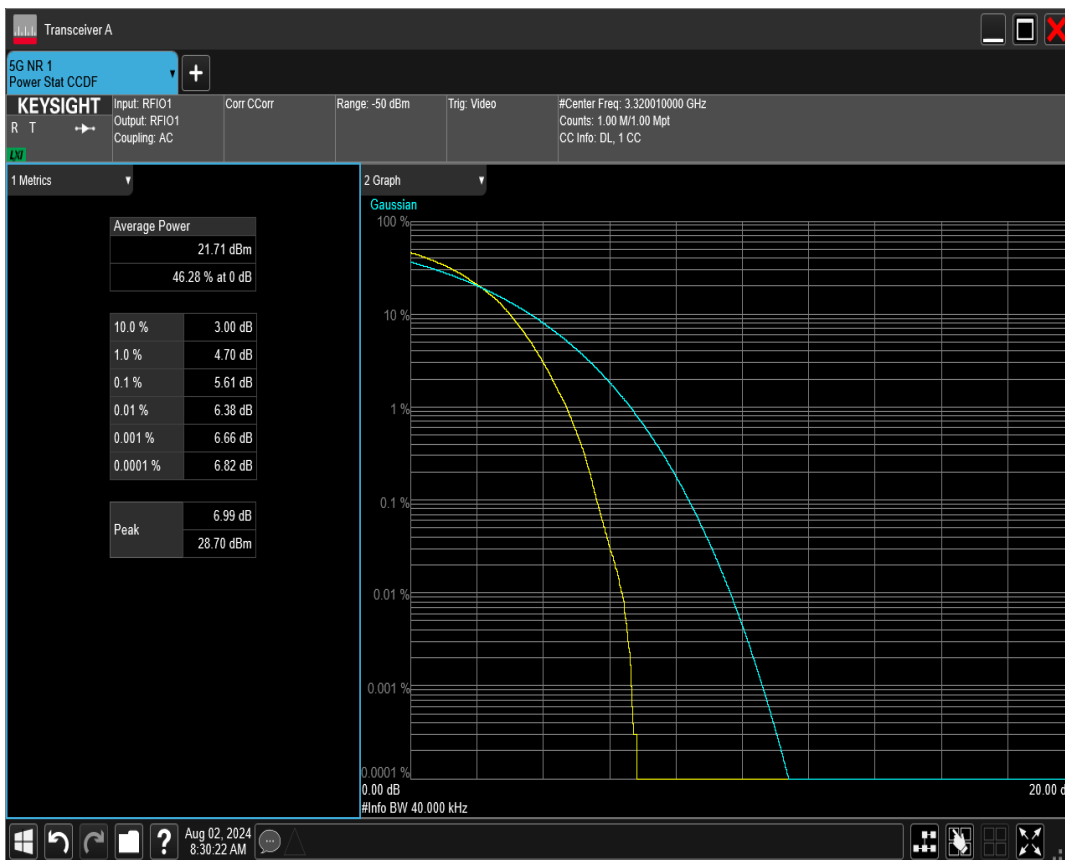
*n77 SCS=30kHz DFT\_QPSK BW=20MHz Channel=650000 RB=50@0*



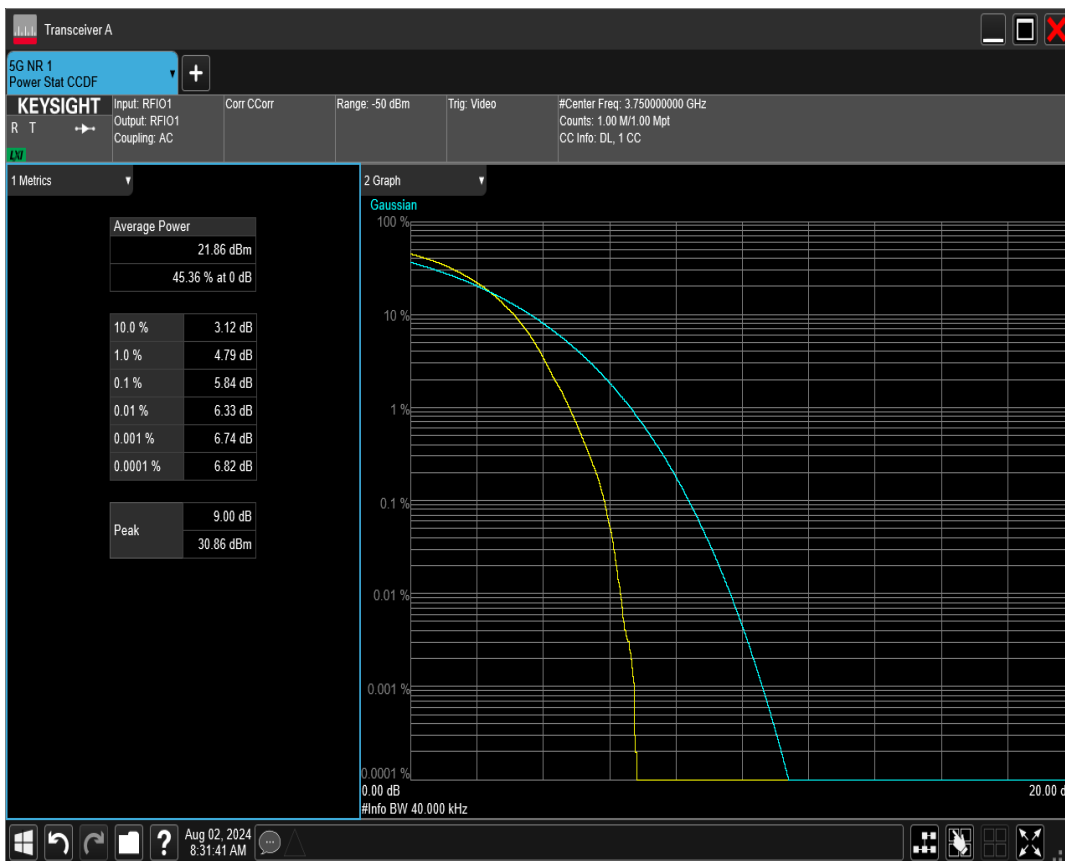
*n77 SCS=30kHz DFT\_QPSK BW=20MHz Channel=679332 RB=50@0*



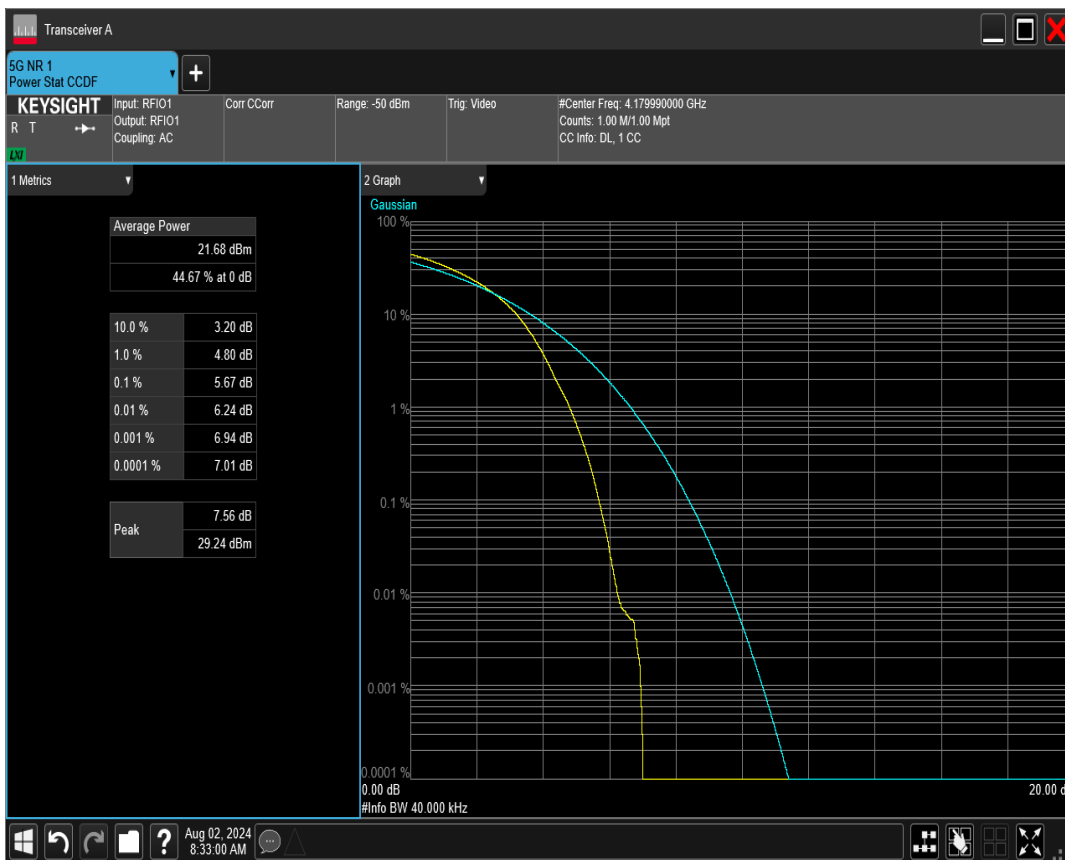
*n77 SCS=30kHz DFT\_QPSK BW=40MHz Channel=621334 RB=100@0*



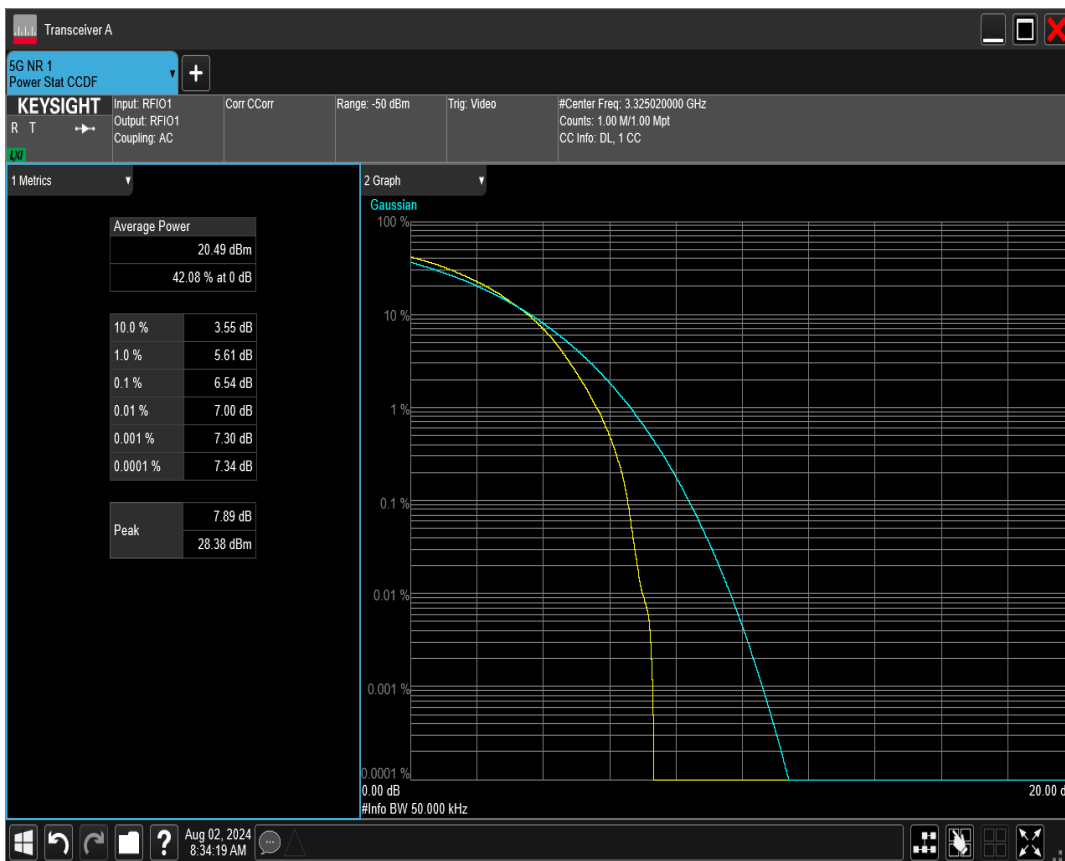
*n77 SCS=30kHz DFT\_QPSK BW=40MHz Channel=650000 RB=100@0*



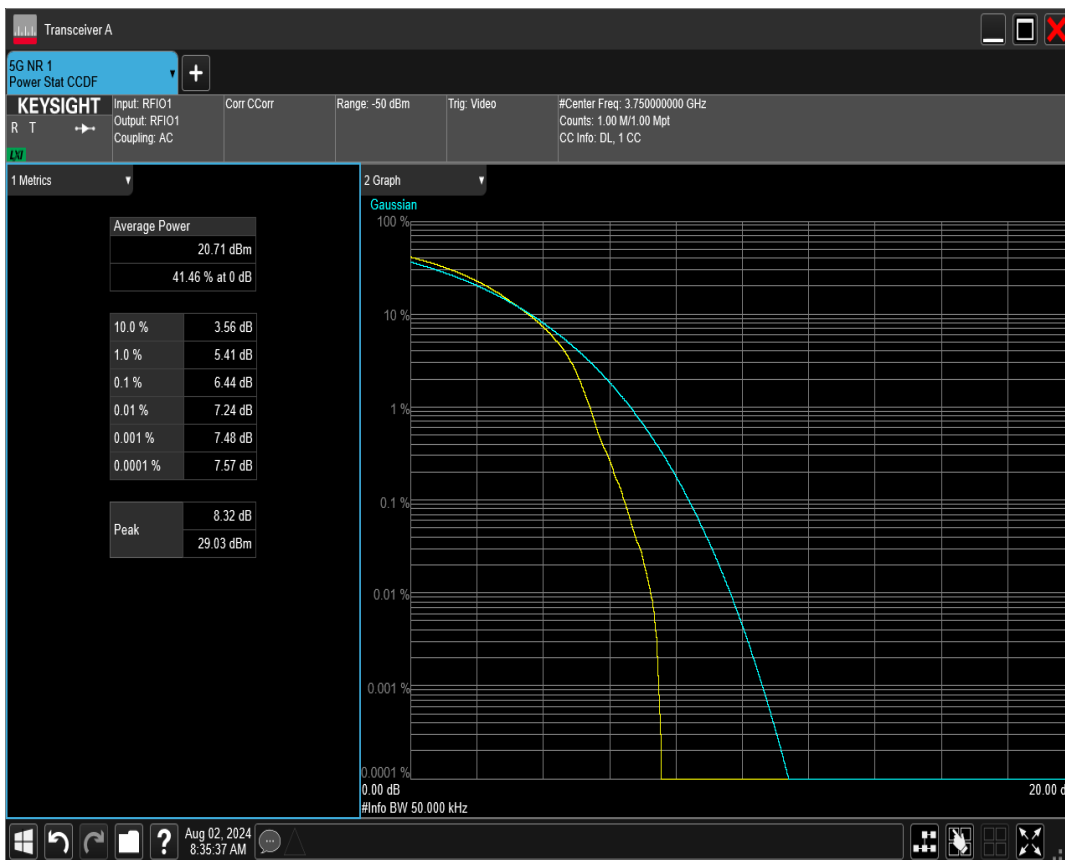
*n77 SCS=30kHz DFT\_QPSK BW=40MHz Channel=678666 RB=100 @0*



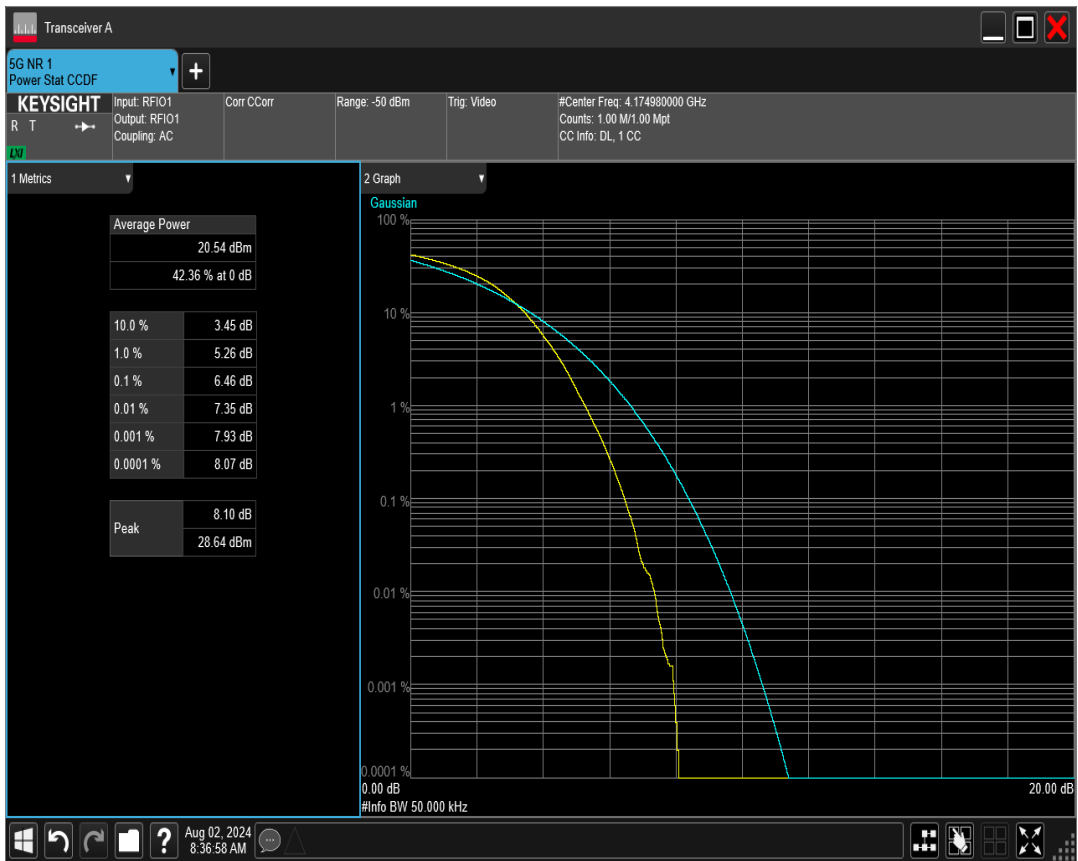
*n77 SCS=30kHz DFT\_QPSK BW=50MHz Channel=621668 RB=128 @0*



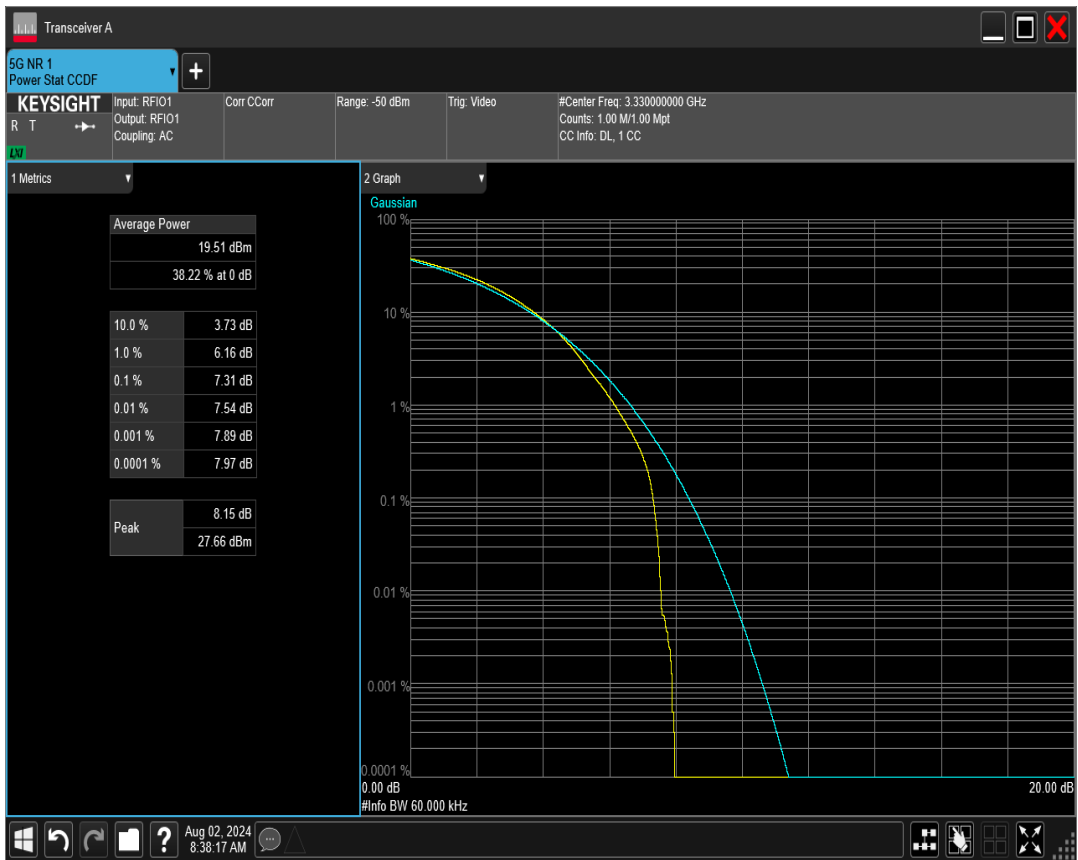
*n77 SCS=30kHz DFT\_QPSK BW=50MHz Channel=650000 RB=128@0*



*n77 SCS=30kHz DFT\_QPSK BW=50MHz Channel=678332 RB=128@0*

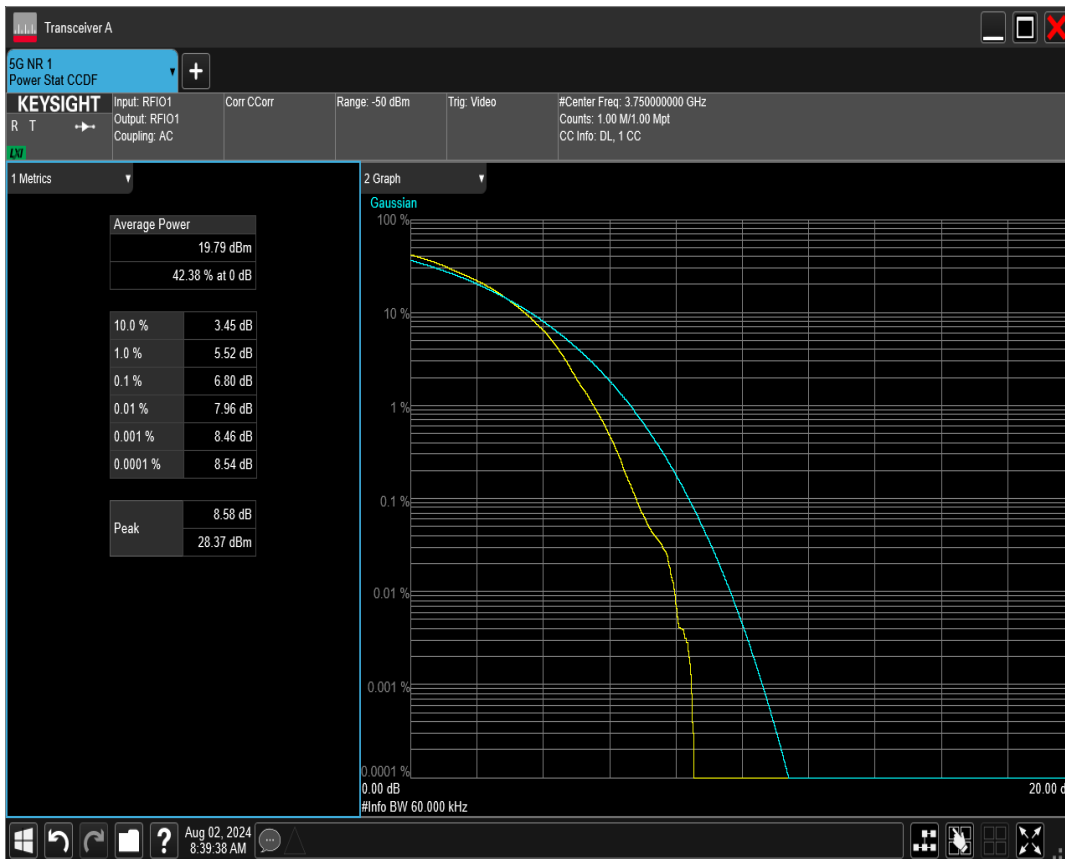


*n77 SCS=30kHz DFT\_QPSK BW=60MHz Channel=622000 RB=162 @0*

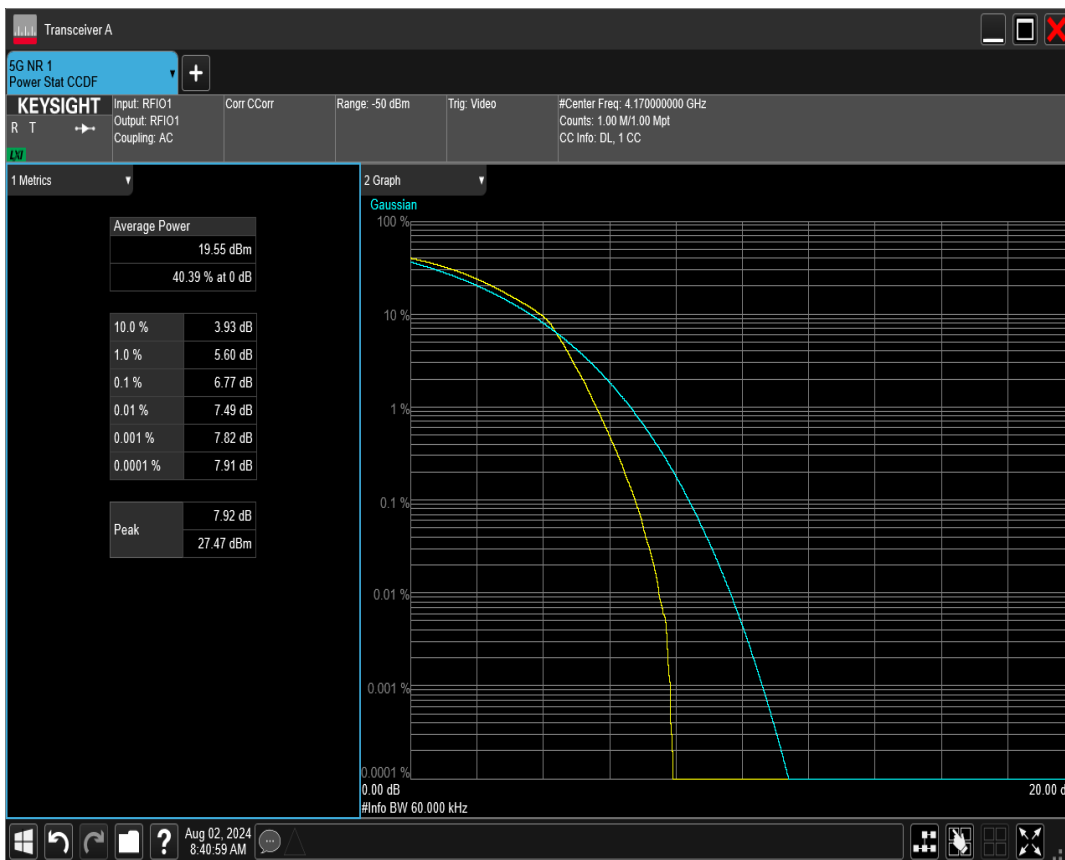


*n77 SCS=30kHz DFT\_QPSK BW=60MHz Channel=650000 RB=162 @0*

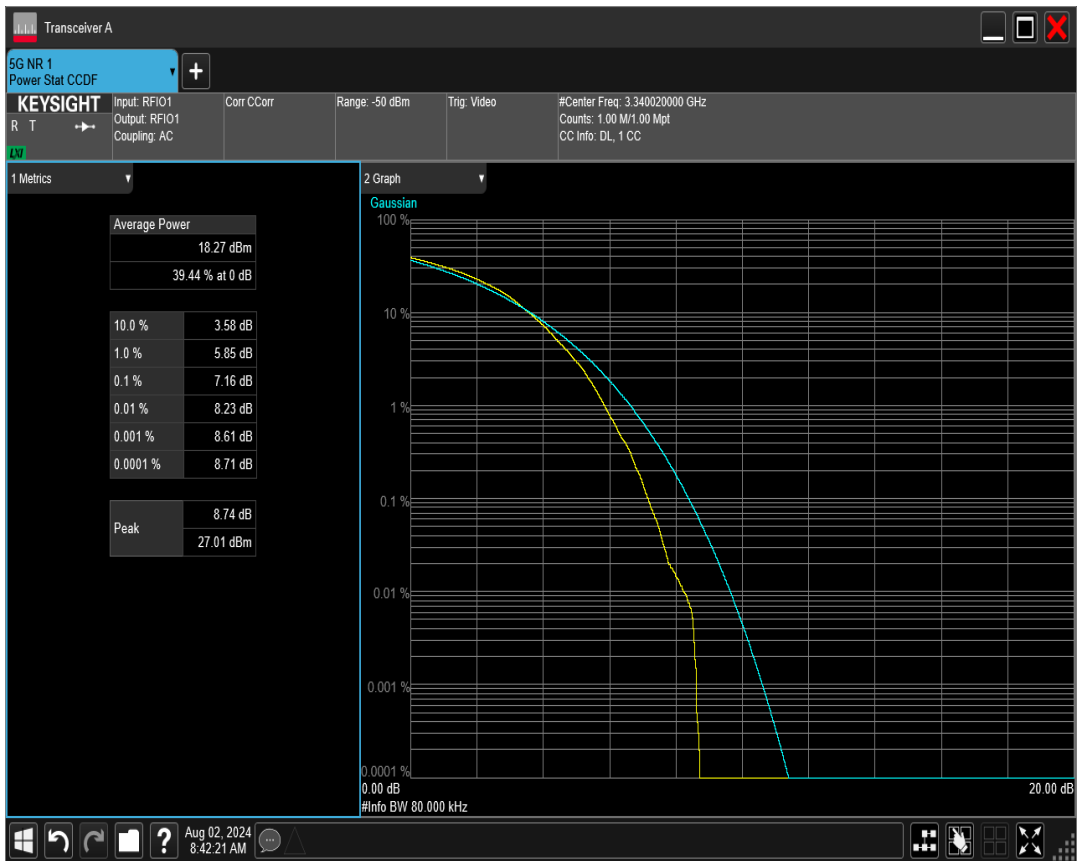




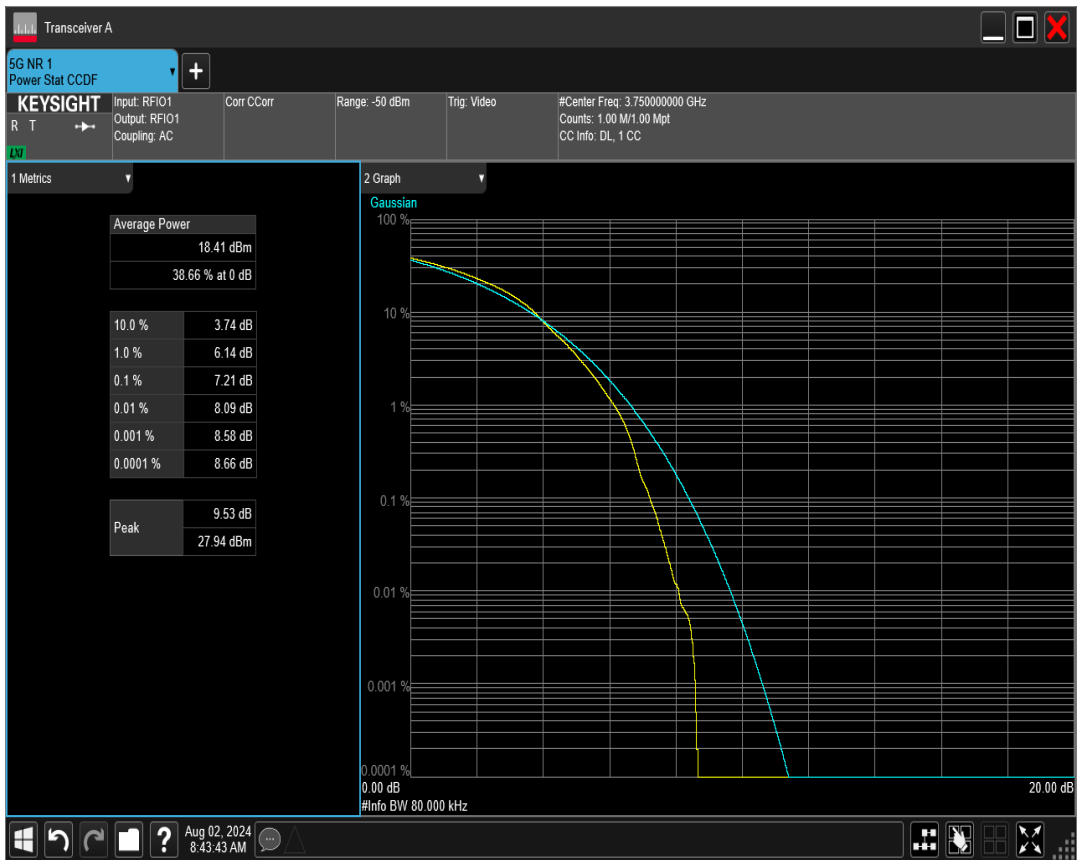
*n77 SCS=30kHz DFT\_QPSK BW=60MHz Channel=678000 RB=162 @0*



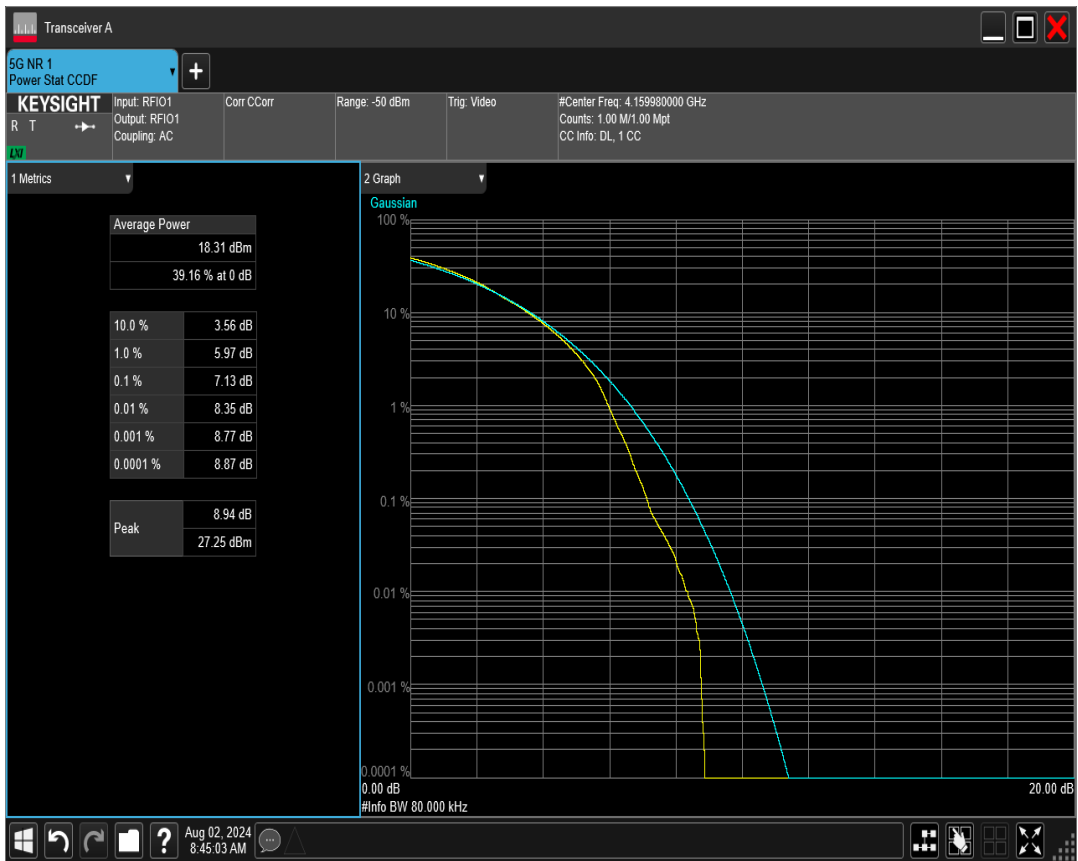
*n77 SCS=30kHz DFT\_QPSK BW=80MHz Channel=622668 RB=216 @0*



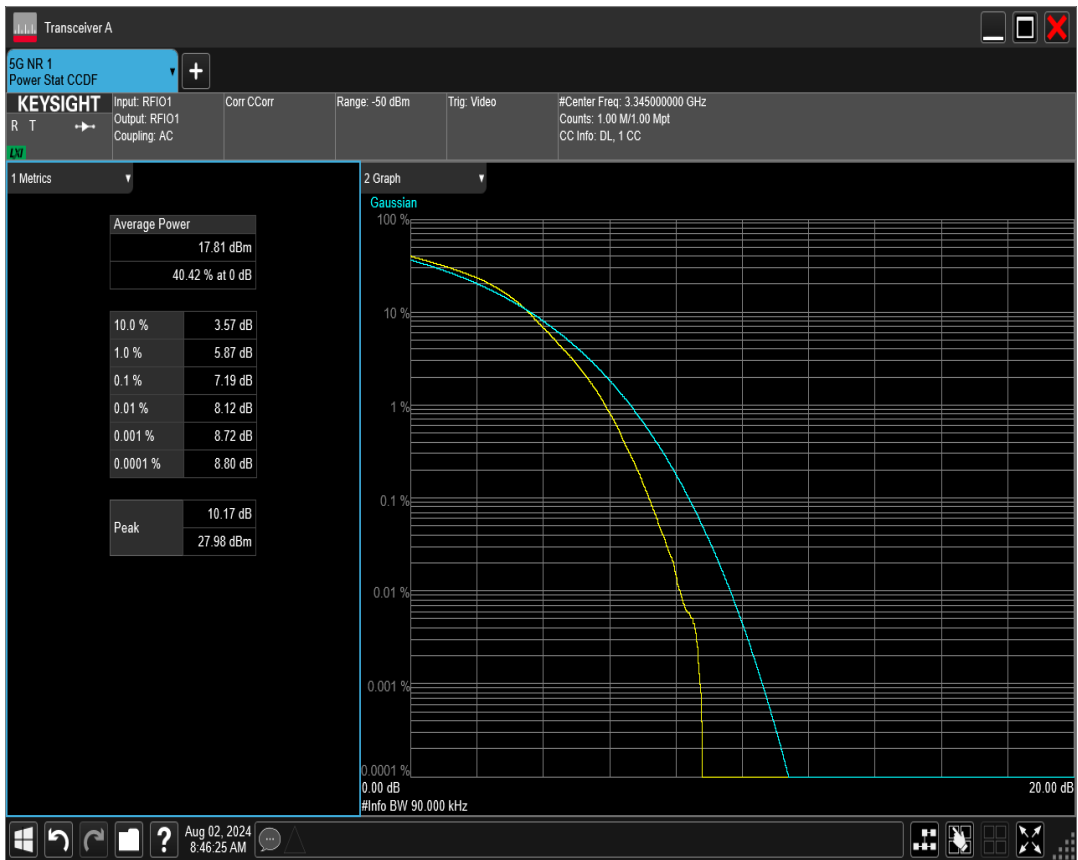
*n77 SCS=30kHz DFT\_QPSK BW=80MHz Channel=650000 RB=216 @0*



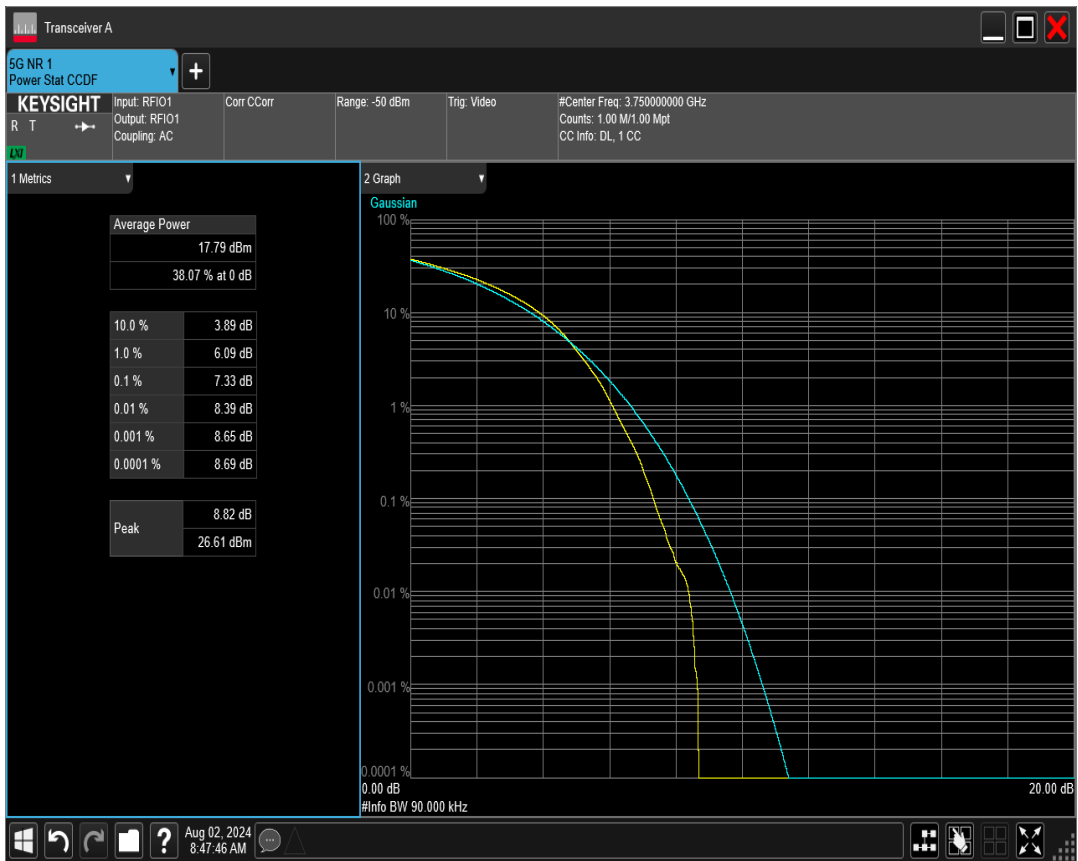
*n77 SCS=30kHz DFT\_QPSK BW=80MHz Channel=677332 RB=216 @0*



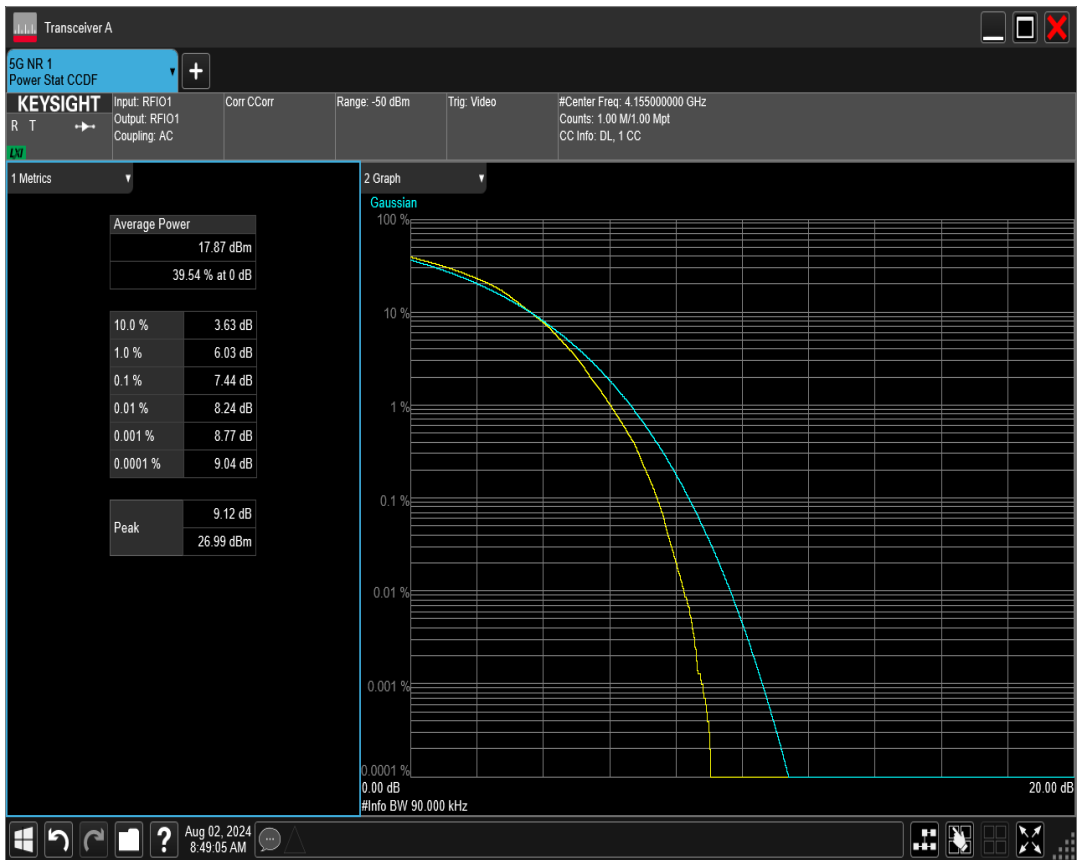
*n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=623000 RB=240@0*



*n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=650000 RB=240@0*



*n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=677000 RB=240@0*



## 4 Occupied bandwidth for EN-DC

<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>
n77	30	10	650000	24@0	DFT_BPSK	8.550	8.950	PASS
n77	30	10	650000	24@0	DFT_QPSK	8.580	8.980	PASS
n77	30	10	650000	24@0	DFT_QAM16	8.520	8.910	PASS
n77	30	10	650000	24@0	DFT_QAM64	8.560	8.980	PASS
n77	30	10	650000	24@0	DFT_QAM256	8.550	8.910	PASS
n77	30	15	650000	36@0	DFT_BPSK	13.430	13.210	PASS
n77	30	15	650000	36@0	DFT_QPSK	13.460	13.270	PASS
n77	30	15	650000	36@0	DFT_QAM16	13.480	13.260	PASS
n77	30	15	650000	36@0	DFT_QAM64	13.400	13.300	PASS
n77	30	15	650000	36@0	DFT_QAM256	13.510	13.230	PASS
n77	30	20	650000	50@0	DFT_BPSK	18.010	18.310	PASS
n77	30	20	650000	50@0	DFT_QPSK	18.040	18.360	PASS
n77	30	20	650000	50@0	DFT_QAM16	18.090	18.310	PASS
n77	30	20	650000	50@0	DFT_QAM64	18.030	18.270	PASS
n77	30	20	650000	50@0	DFT_QAM256	17.980	18.260	PASS
n77	30	40	650000	100@0	DFT_BPSK	37.410	36.460	PASS
n77	30	40	650000	100@0	DFT_QPSK	37.560	36.490	PASS
n77	30	40	650000	100@0	DFT_QAM16	37.510	36.360	PASS
n77	30	40	650000	100@0	DFT_QAM64	37.390	36.320	PASS
n77	30	40	650000	100@0	DFT_QAM256	37.350	36.350	PASS
n77	30	50	650000	128@0	DFT_BPSK	46.810	46.380	PASS
n77	30	50	650000	128@0	DFT_QPSK	46.950	46.460	PASS
n77	30	50	650000	128@0	DFT_QAM16	46.940	46.430	PASS
n77	30	50	650000	128@0	DFT_QAM64	47.020	46.490	PASS
n77	30	50	650000	128@0	DFT_QAM256	47.010	46.320	PASS
n77	30	60	650000	162@0	DFT_BPSK	57.700	58.600	PASS
n77	30	60	650000	162@0	DFT_QPSK	57.710	58.570	PASS
n77	30	60	650000	162@0	DFT_QAM16	57.760	58.600	PASS
n77	30	60	650000	162@0	DFT_QAM64	57.780	58.580	PASS
n77	30	60	650000	162@0	DFT_QAM256	57.760	58.650	PASS
n77	30	80	650000	216@0	DFT_BPSK	77.040	78.010	PASS
n77	30	80	650000	216@0	DFT_QPSK	77.030	78.060	PASS
n77	30	80	650000	216@0	DFT_QAM16	76.950	78.080	PASS
n77	30	80	650000	216@0	DFT_QAM64	76.950	78.030	PASS
n77	30	80	650000	216@0	DFT_QAM256	77.020	78.130	PASS
n77	30	90	650000	240@0	DFT_BPSK	86.460	86.790	PASS
n77	30	90	650000	240@0	DFT_QPSK	86.330	86.690	PASS
n77	30	90	650000	240@0	DFT_QAM16	86.460	86.740	PASS
n77	30	90	650000	240@0	DFT_QAM64	86.520	86.820	PASS
n77	30	90	650000	240@0	DFT_QAM256	86.330	86.730	PASS

n77	30	100	650000	270@0	DFT_BPSK	96.020	97.480	PASS
n77	30	100	650000	270@0	DFT_QPSK	96.060	97.540	PASS
n77	30	100	650000	270@0	DFT_QAM16	96.060	97.520	PASS
n77	30	100	650000	270@0	DFT_QAM64	96.300	97.510	PASS
n77	30	100	650000	270@0	DFT_QAM256	96.160	97.560	PASS

**n77 SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0**



**n77 SCS=30kHz DFT\_BPSK BW=10MHz Channel=650000 RB=24@0**



**n77 SCS=30kHz DFT\_BPSK BW=15MHz Channel=650000 RB=36@0**



**n77 SCS=30kHz DFT\_BPSK BW=20MHz Channel=650000 RB=50@0**



**n77 SCS=30kHz DFT\_BPSK BW=40MHz Channel=650000 RB=100@0**

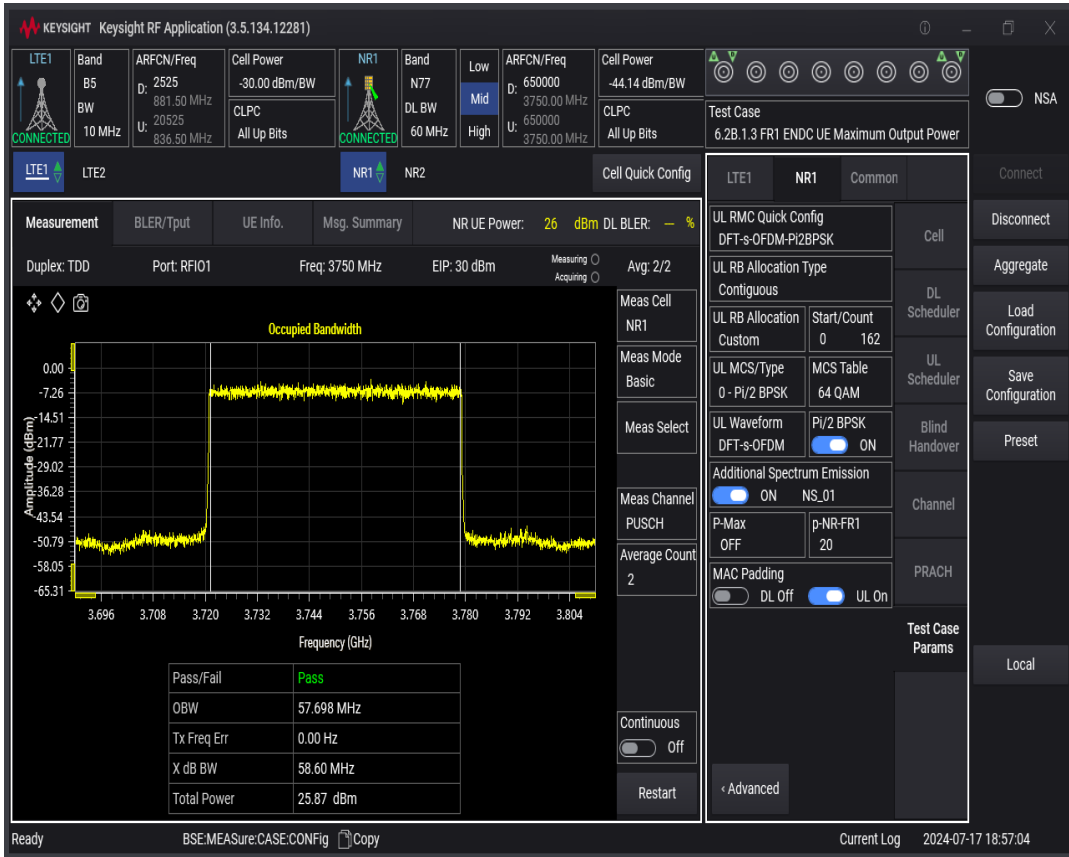


**n77 SCS=30kHz DFT\_BPSK BW=50MHz Channel=650000 RB=128@0**





**n77 SCS=30kHz DFT\_BPSK BW=60MHz Channel=650000 RB=162@0**



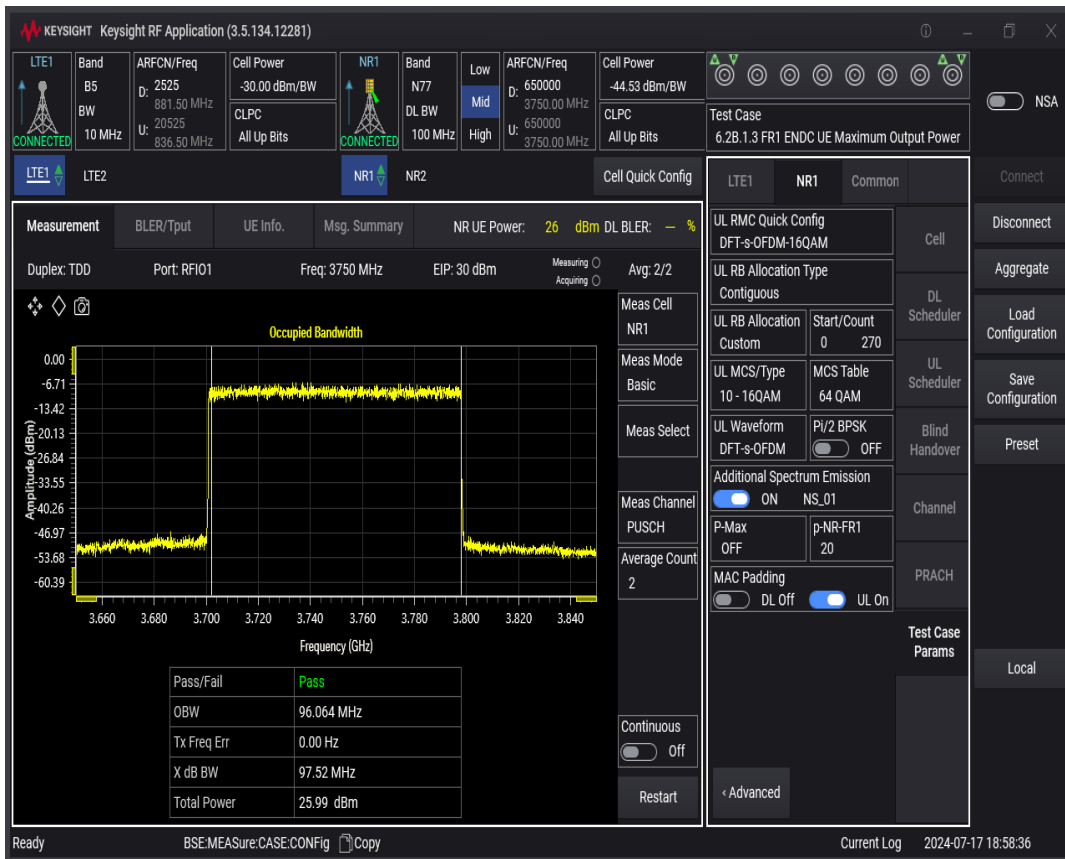
**n77 SCS=30kHz DFT\_BPSK BW=80MHz Channel=650000 RB=216@0**



**n77 SCS=30kHz DFT\_BPSK BW=90MHz Channel=650000 RB=240@0**



**n77 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0**



**n77 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=65000 RB=24@0**



**n77 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=65000 RB=36@0**



**n77 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=650000 RB=50@0**



**n77 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=650000 RB=100@0**



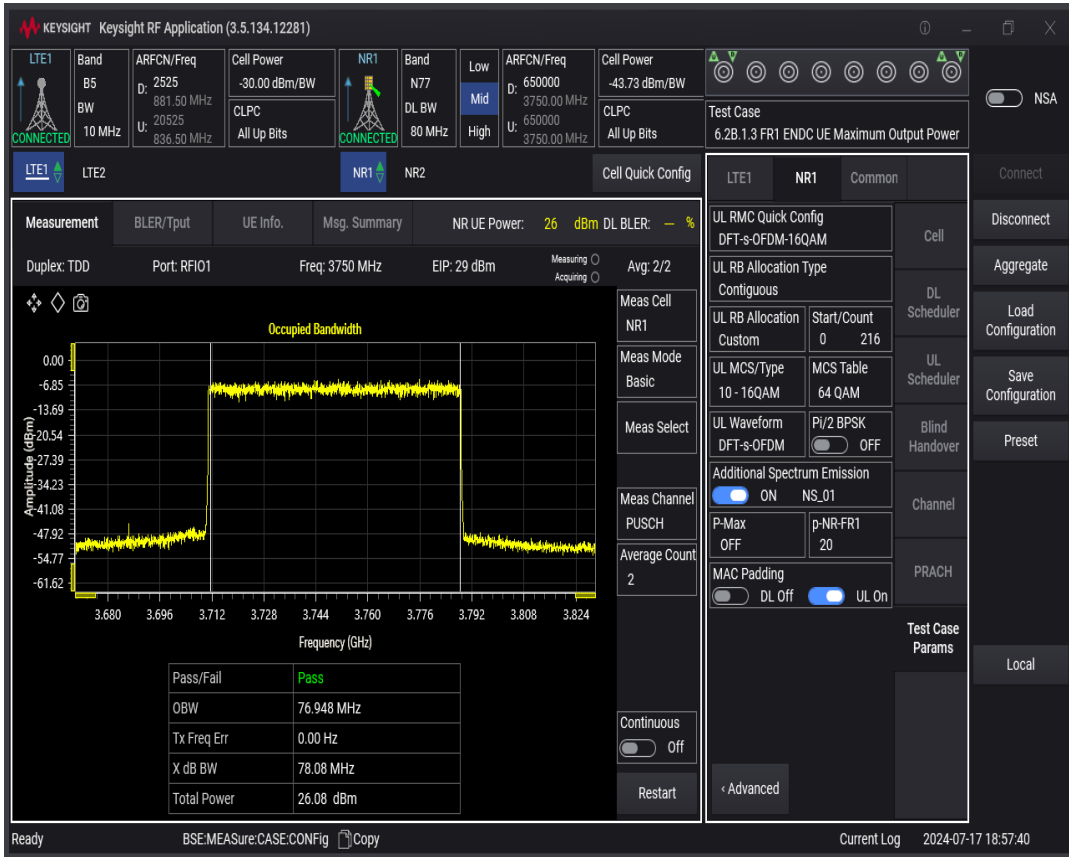
**n77 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=650000 RB=128 @0**



**n77 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=650000 RB=162 @0**



**n77 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=650000 RB=216 @0**



**n77 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=650000 RB=240 @0**



**n77 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=650000 RB=270 @0**



**n77 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=650000 RB=24 @0**



**n77 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=650000 RB=36@0**



**n77 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=650000 RB=50@0**





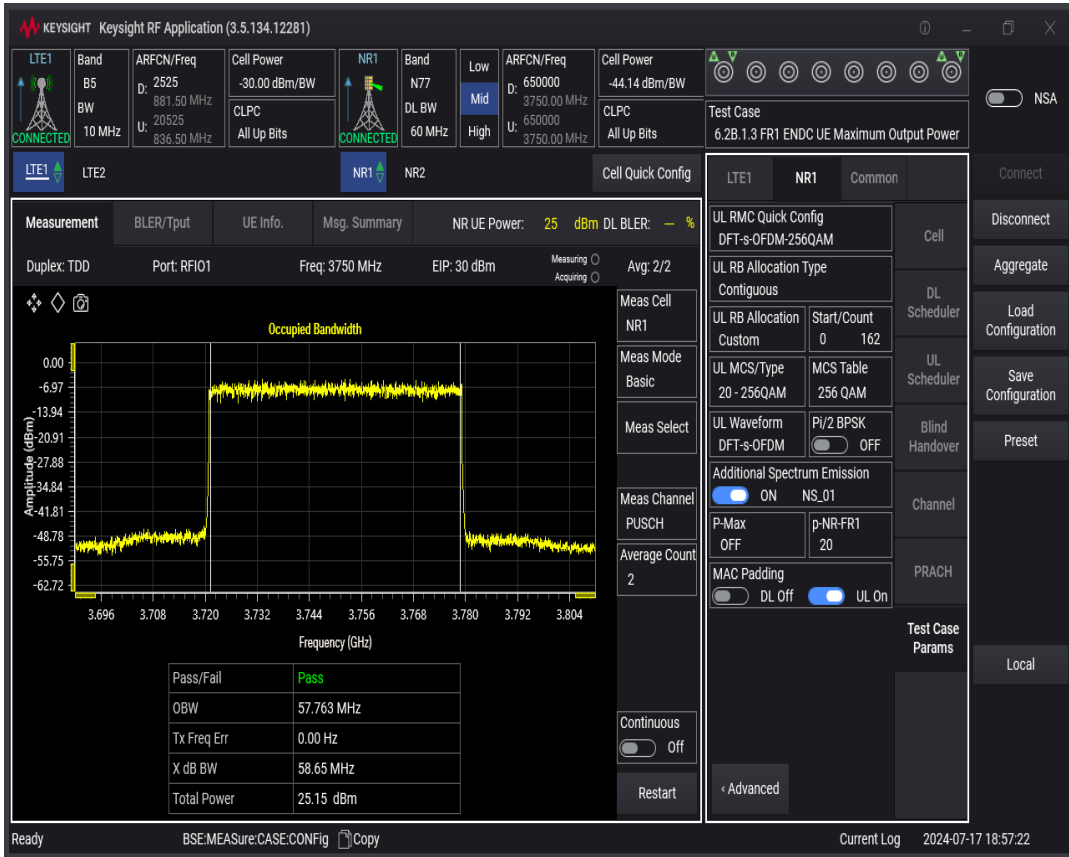
**n77 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=65000 RB=100@0**



**n77 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=65000 RB=128@0**



**n77 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=650000 RB=162 @0**



**n77 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=650000 RB=216 @0**