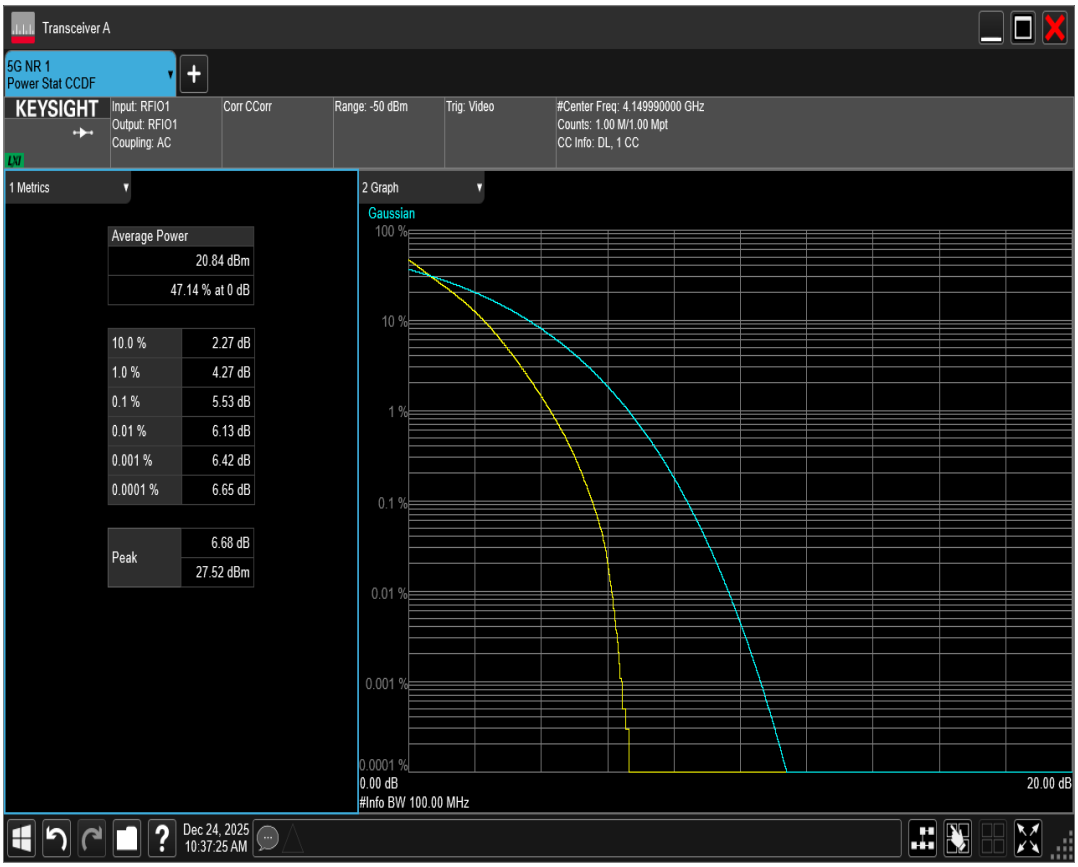
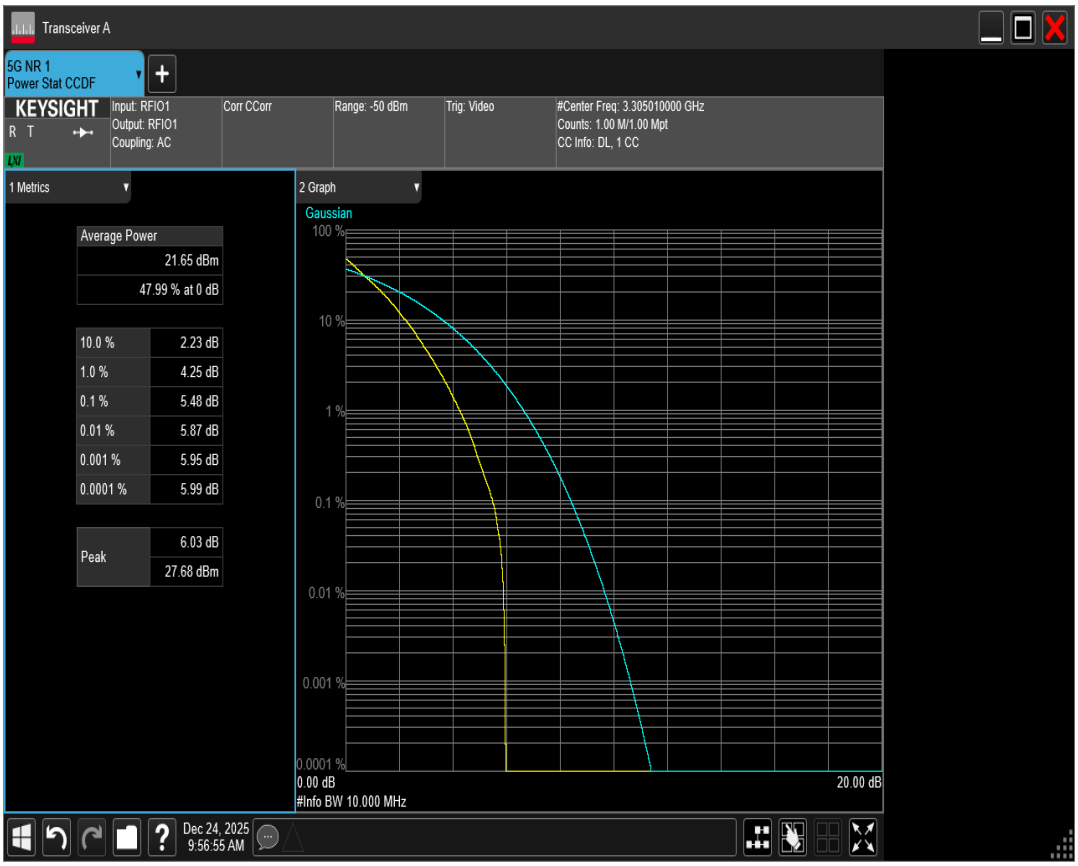
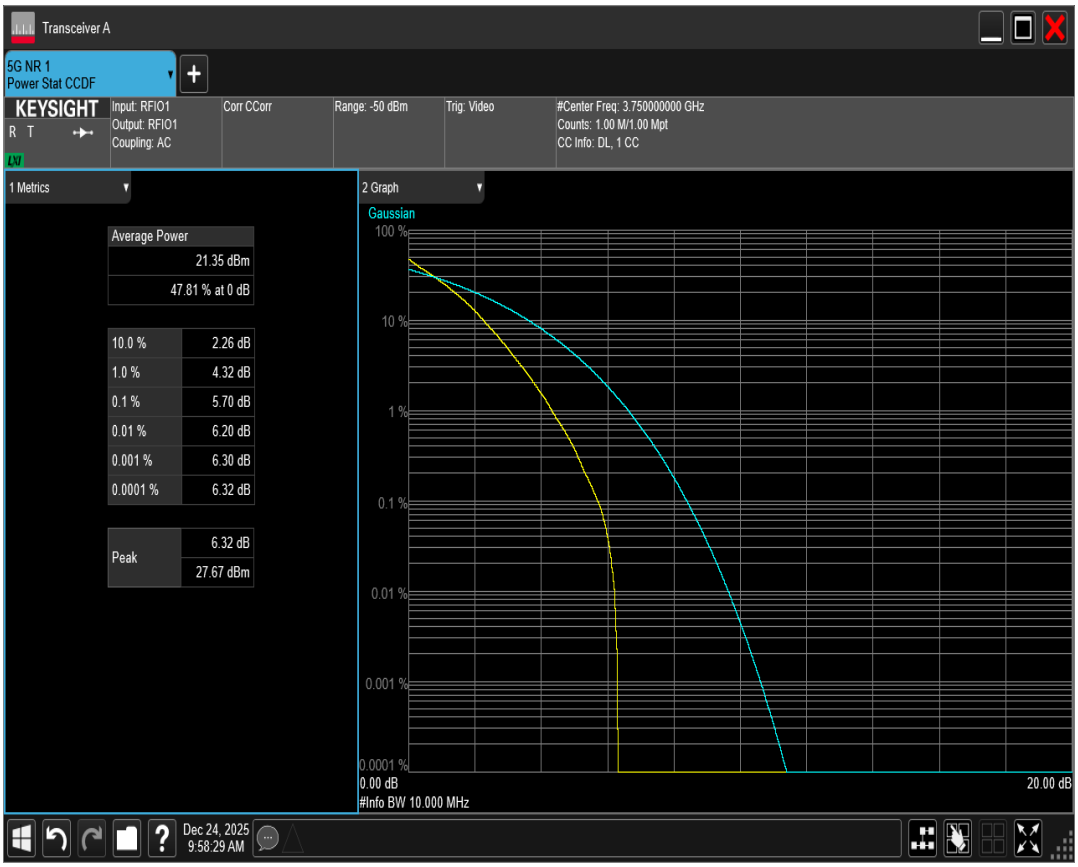


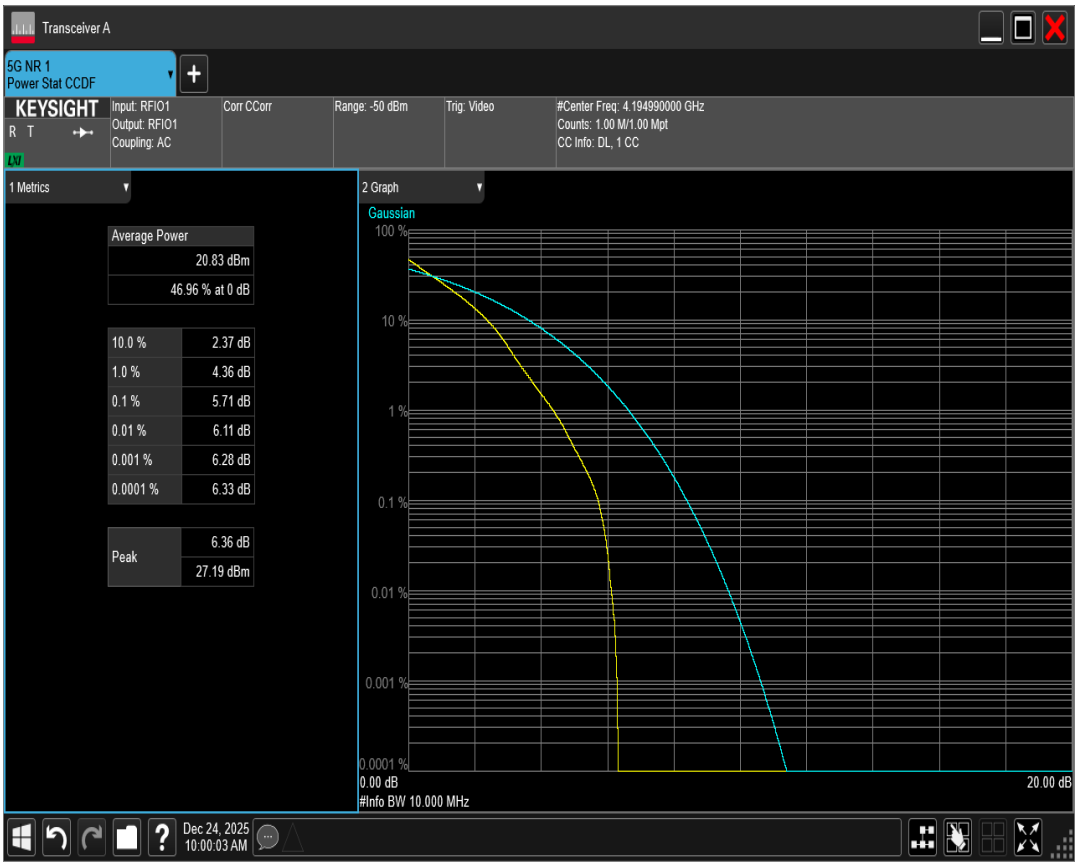
n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=620334 RB=24@0



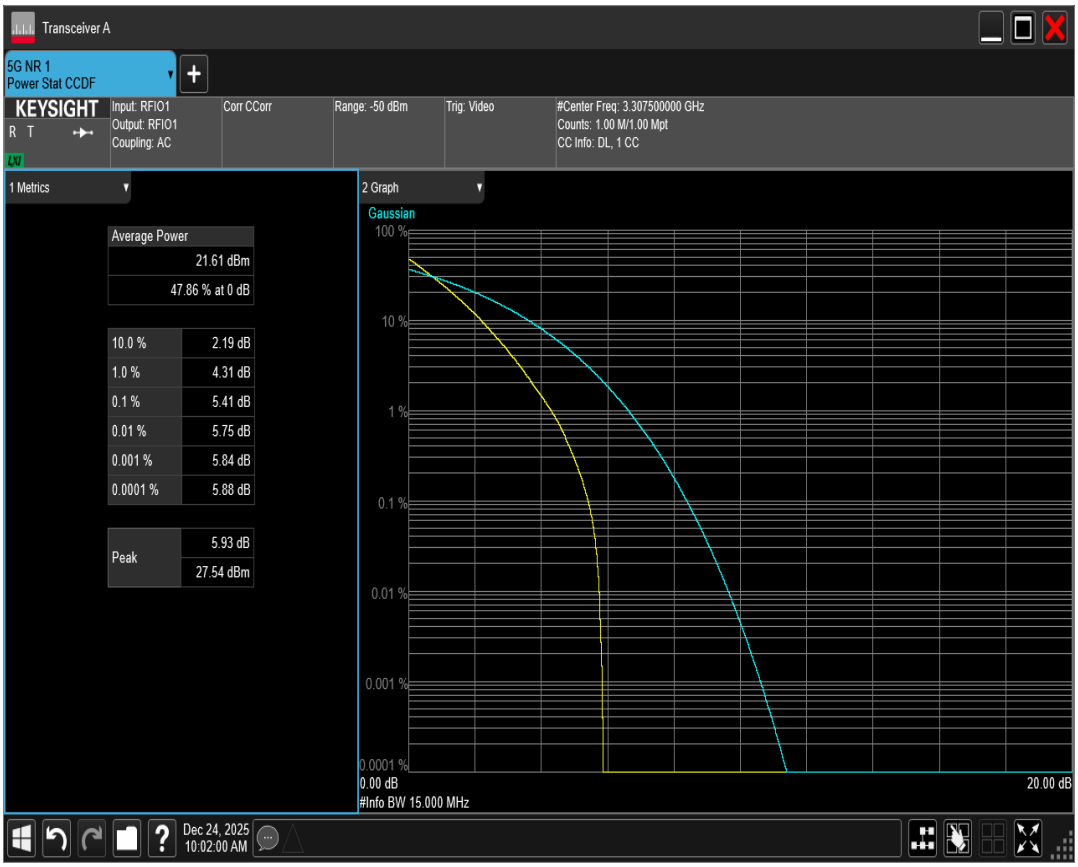
n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=650000 RB=24@0



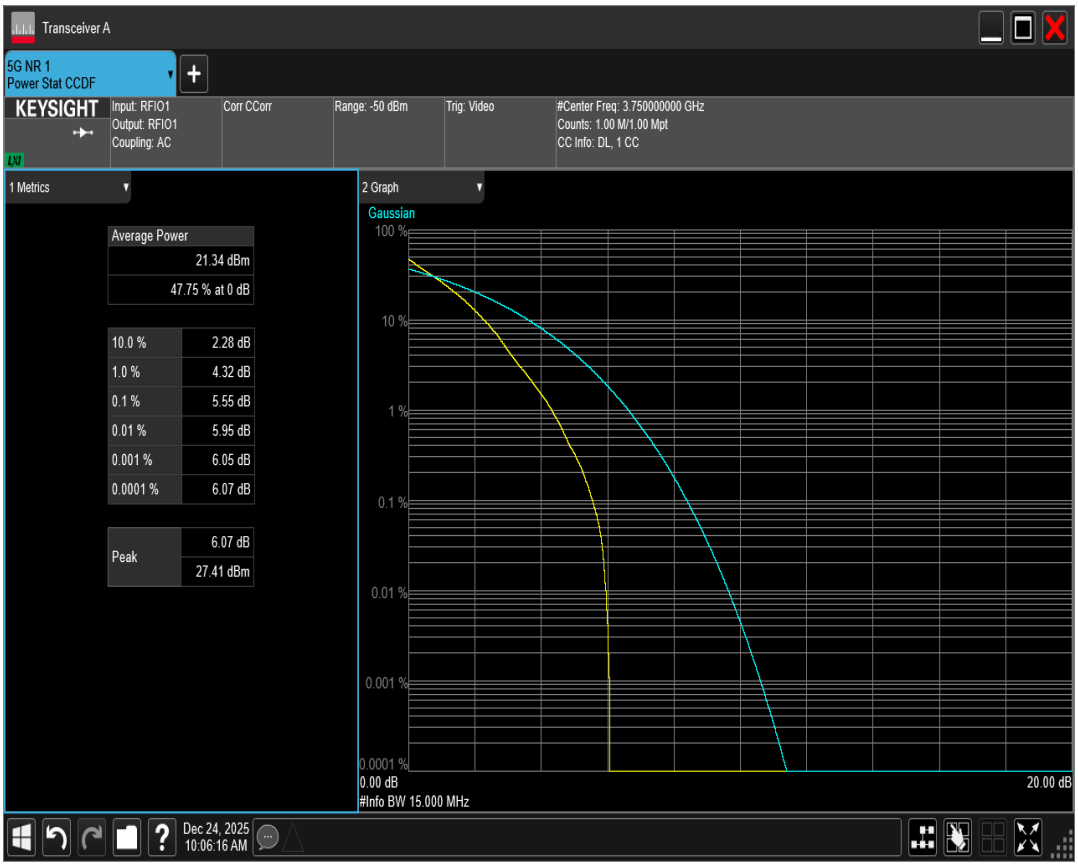
n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=679666 RB=24@0



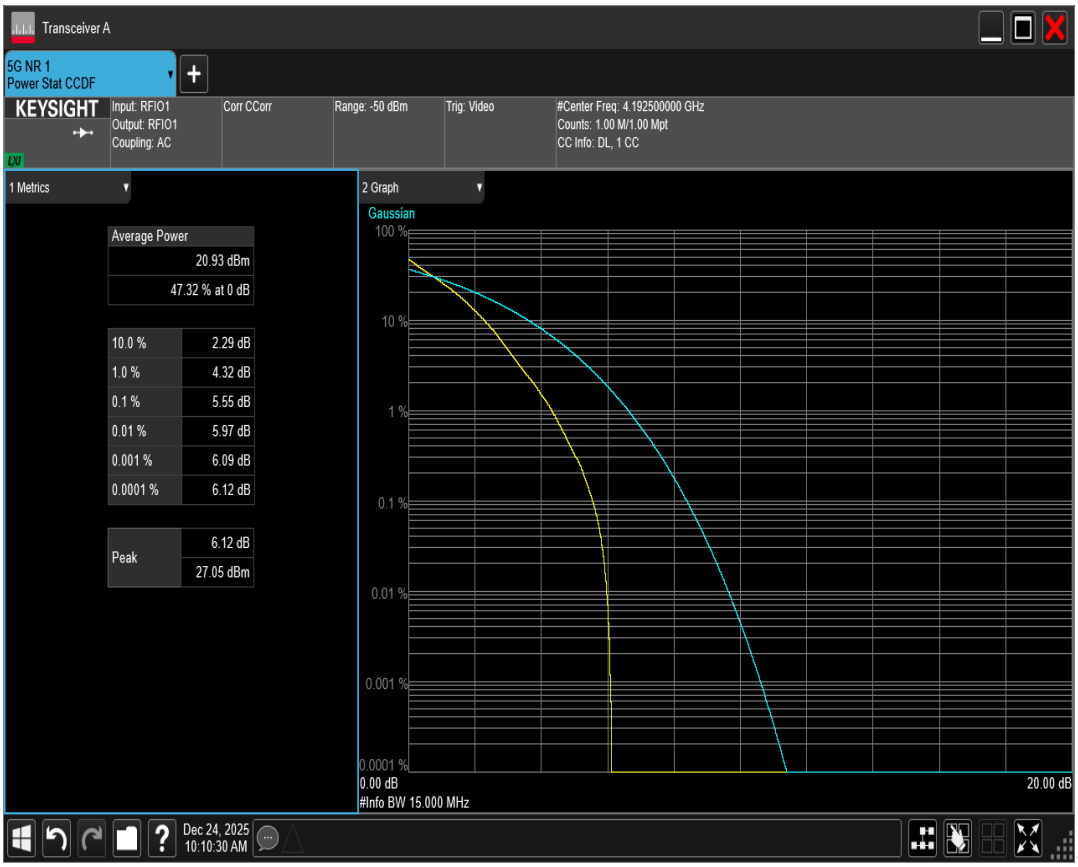
n77 SCS=30kHz DFT_QPSK BW=15MHz Channel=620500 RB=36@0



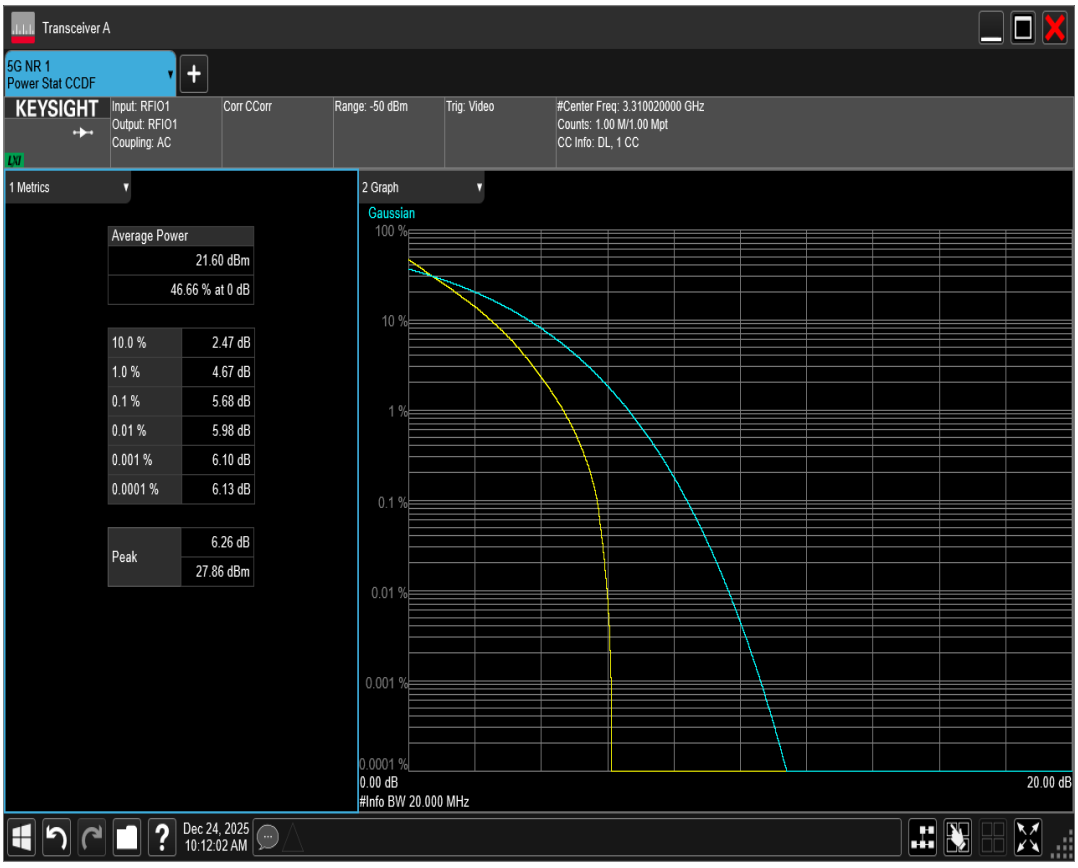
n77 SCS=30kHz DFT_QPSK BW=15MHz Channel=650000 RB=36@0



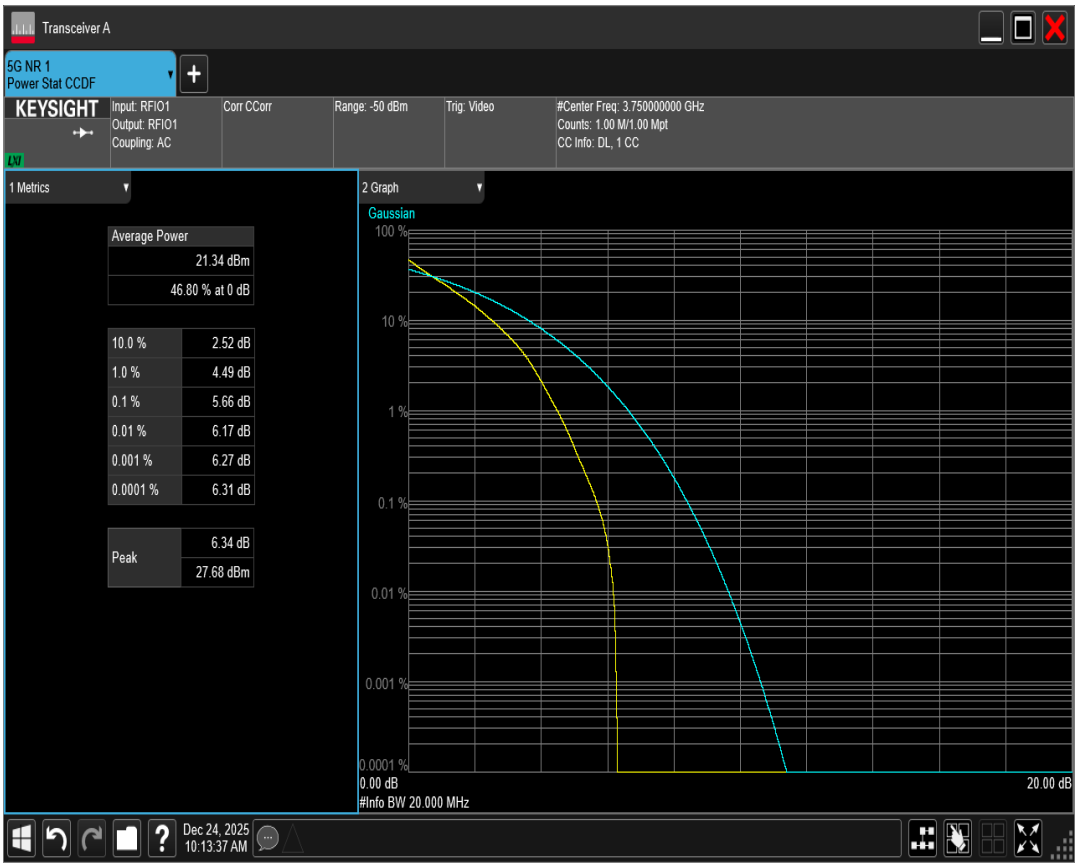
n77 SCS=30kHz DFT_QPSK BW=15MHz Channel=679500 RB=36@0



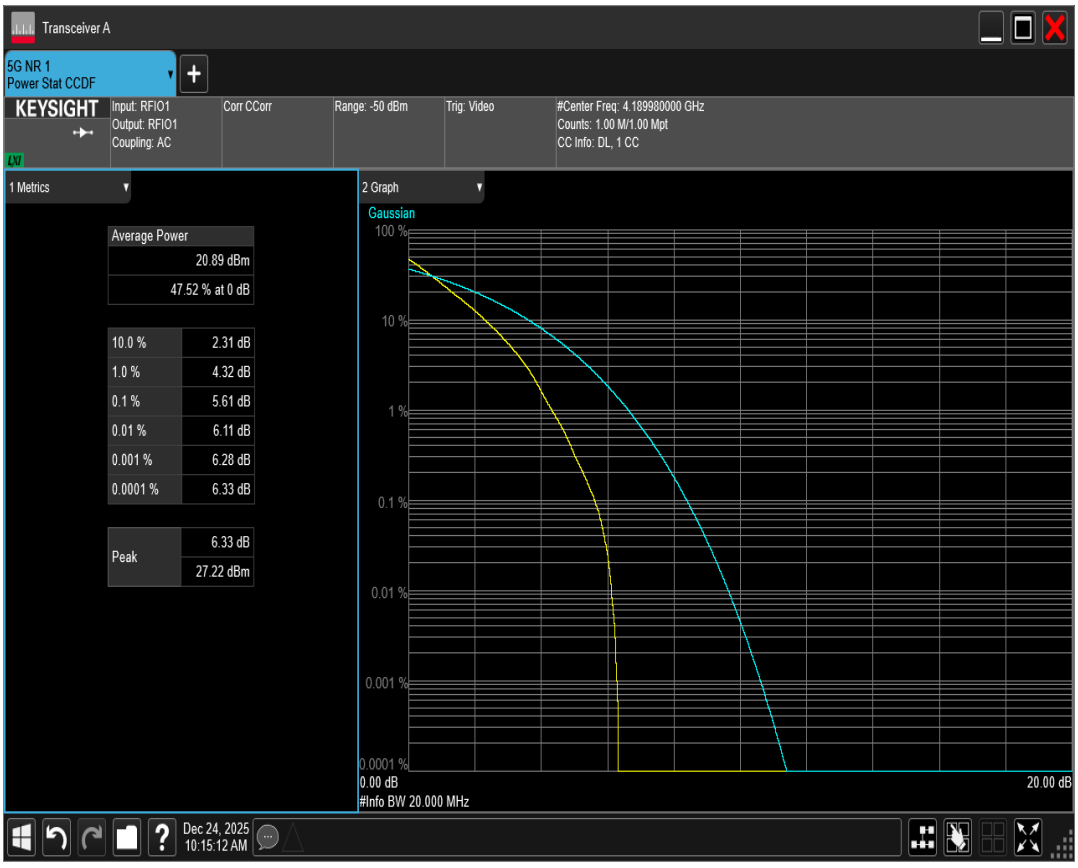
n77 SCS=30kHz DFT_QPSK BW=20MHz Channel=620668 RB=50@0



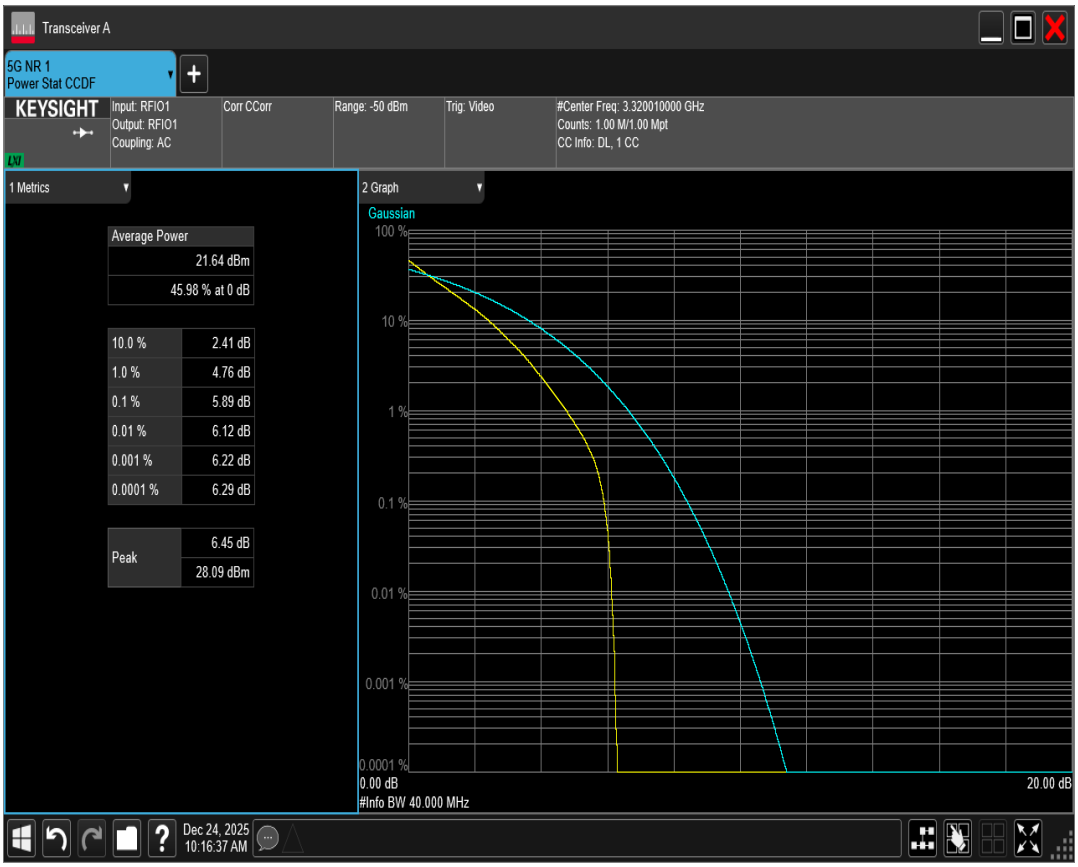
n77 SCS=30kHz DFT_QPSK BW=20MHz Channel=650000 RB=50@0



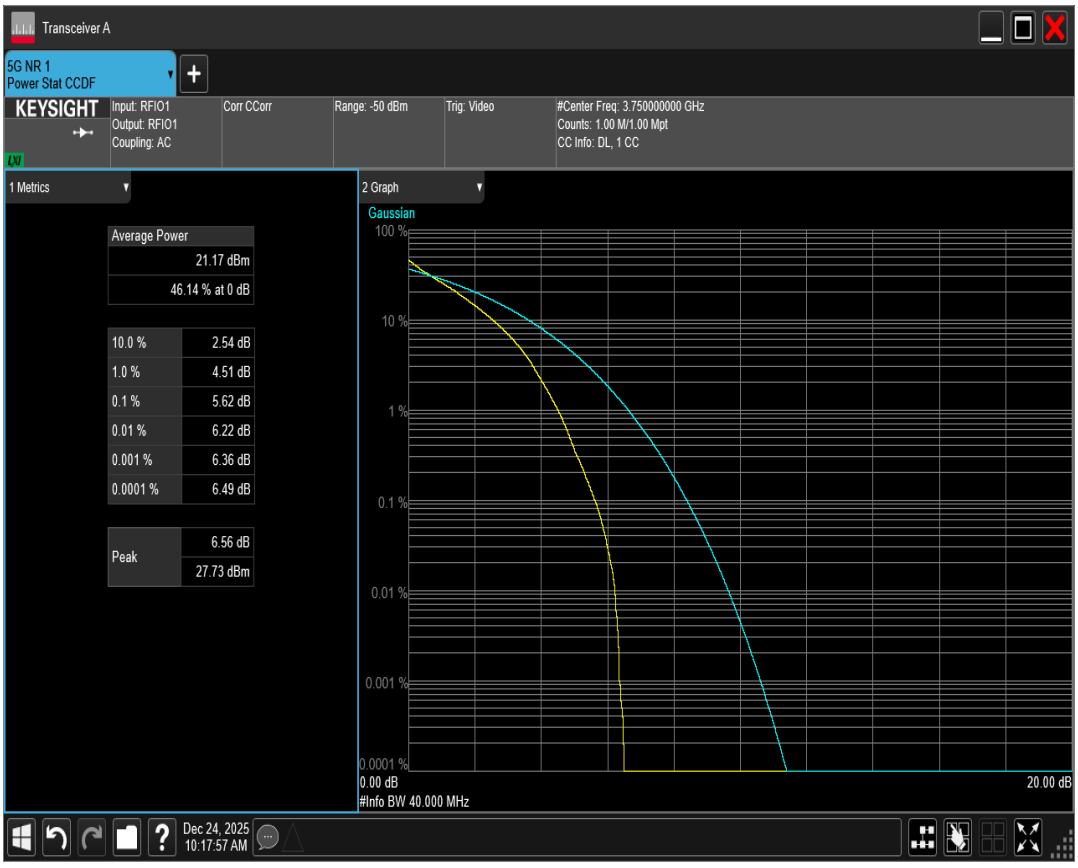
n77 SCS=30kHz DFT_QPSK BW=20MHz Channel=679332 RB=50@0



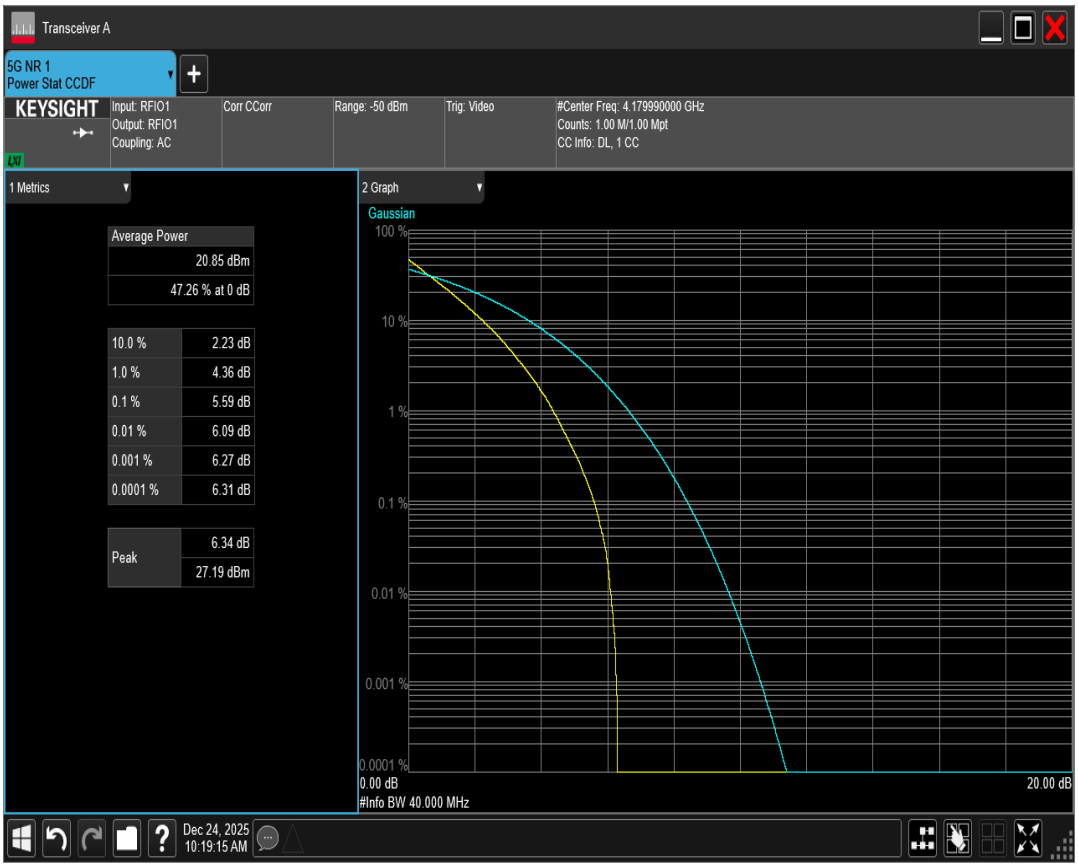
n77 SCS=30kHz DFT_QPSK BW=40MHz Channel=621334 RB=100@0



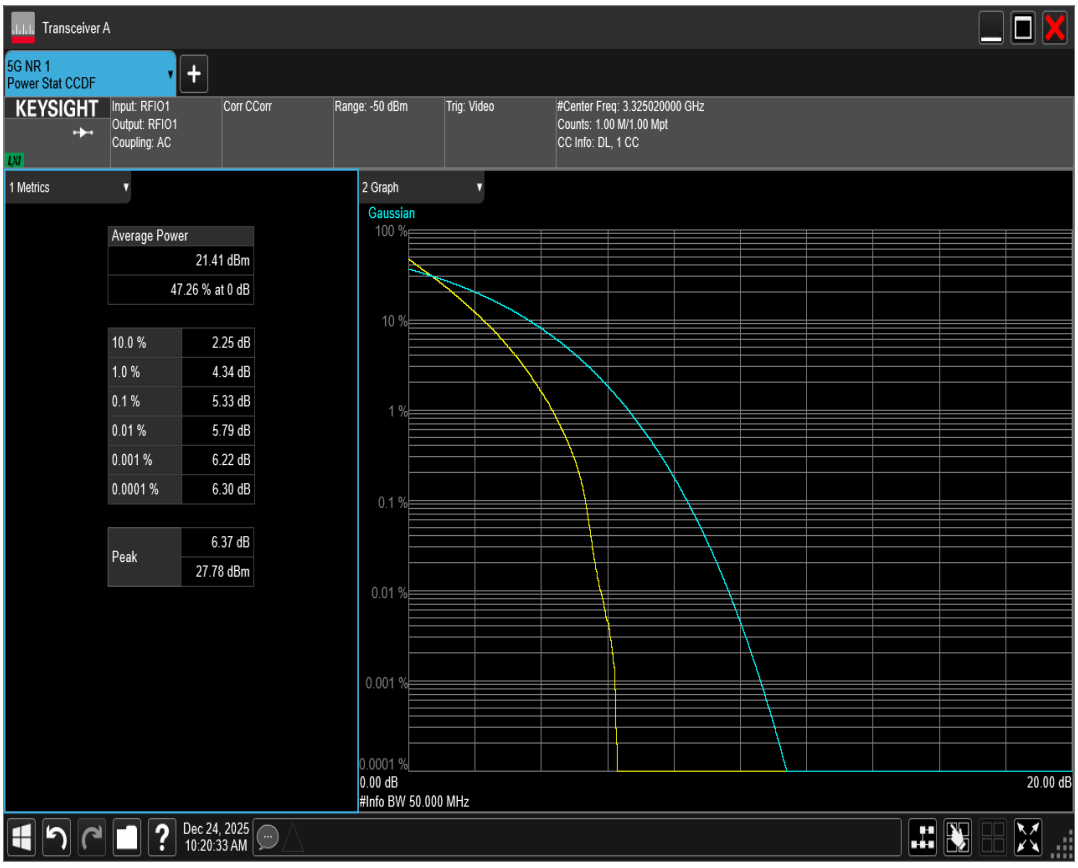
n77 SCS=30kHz DFT_QPSK BW=40MHz Channel=650000 RB=100@0



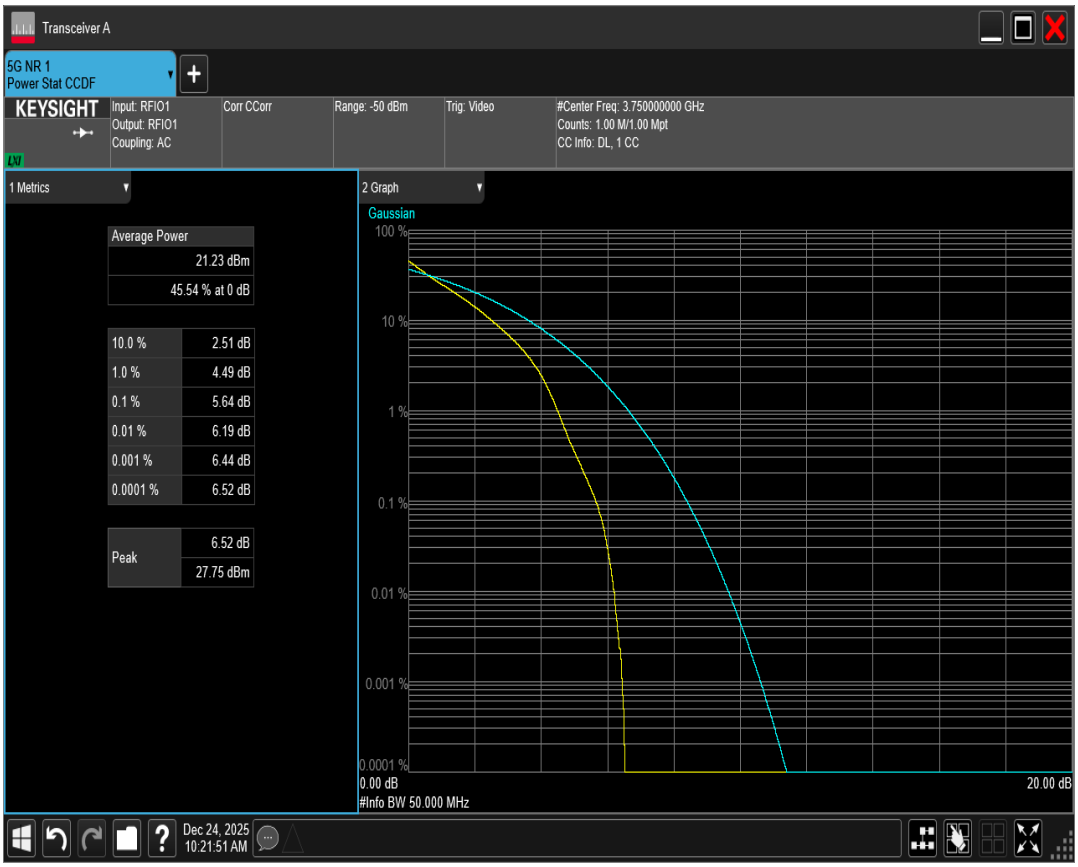
n77 SCS=30kHz DFT_QPSK BW=40MHz Channel=678666 RB=100@0



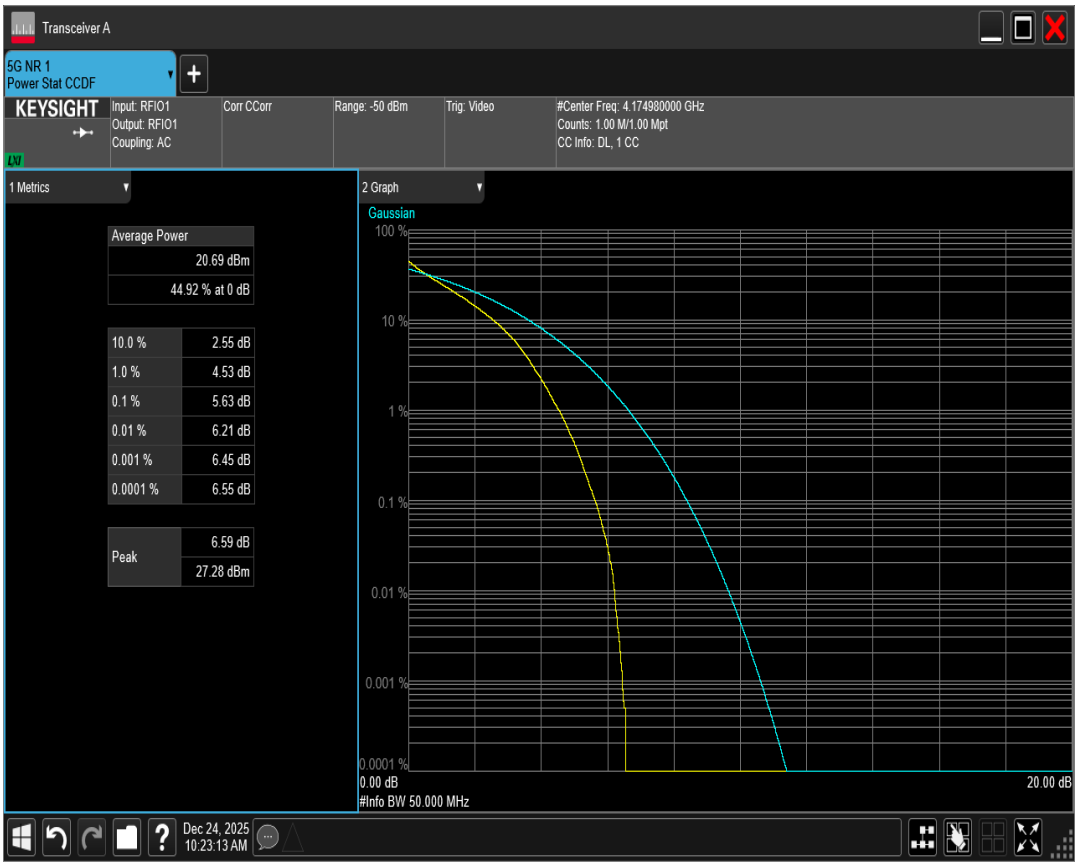
n77 SCS=30kHz DFT_QPSK BW=50MHz Channel=621668 RB=128@0



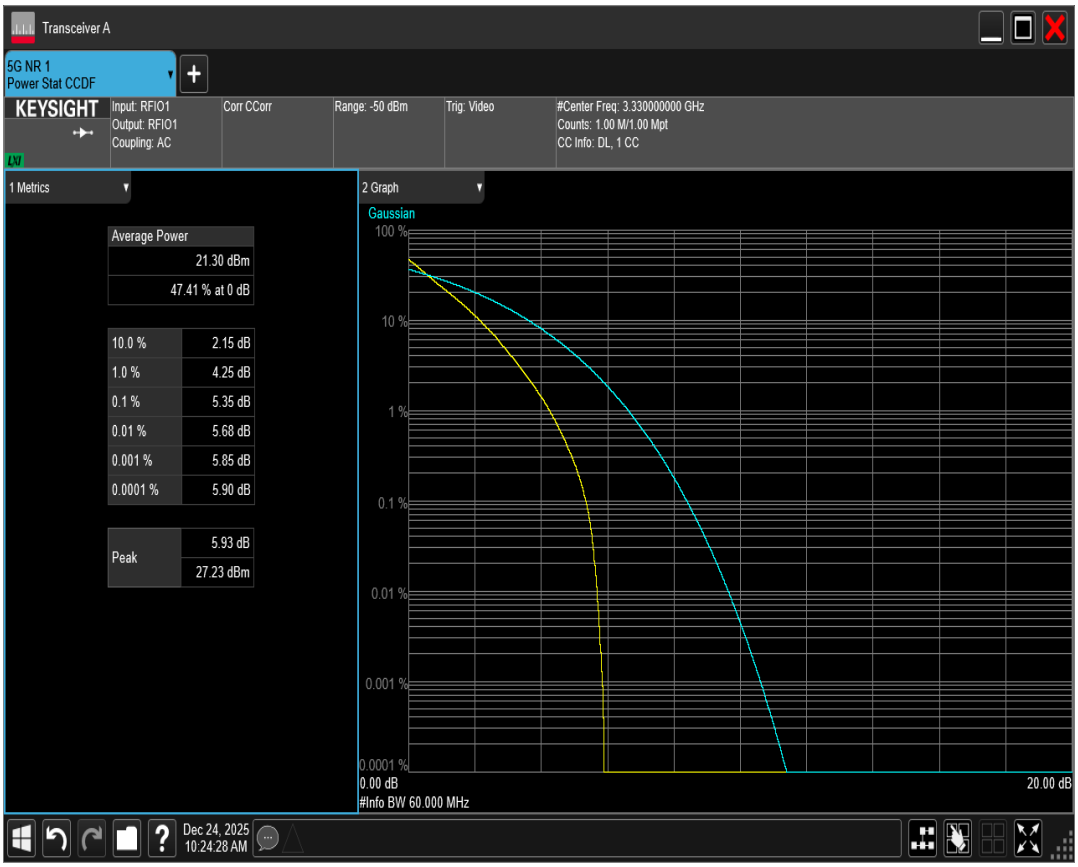
n77 SCS=30kHz DFT_QPSK BW=50MHz Channel=650000 RB=128@0



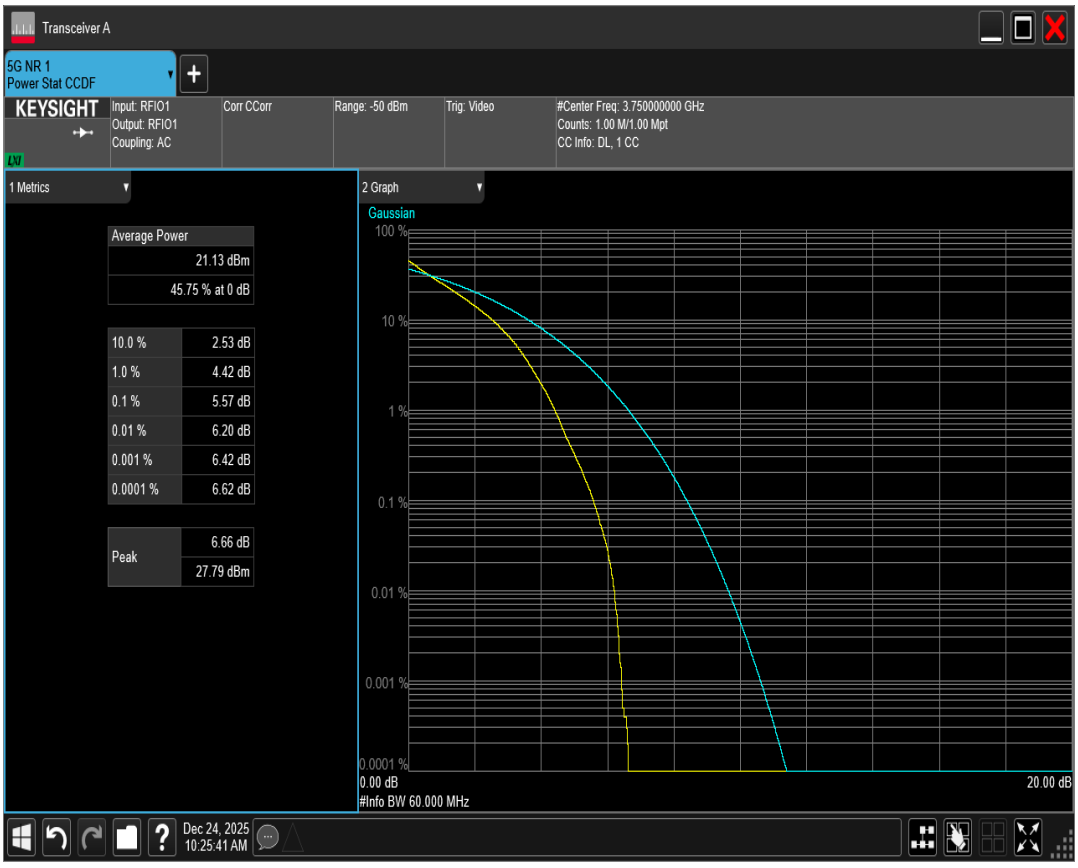
n77 SCS=30kHz DFT_QPSK BW=50MHz Channel=678332 RB=128@0



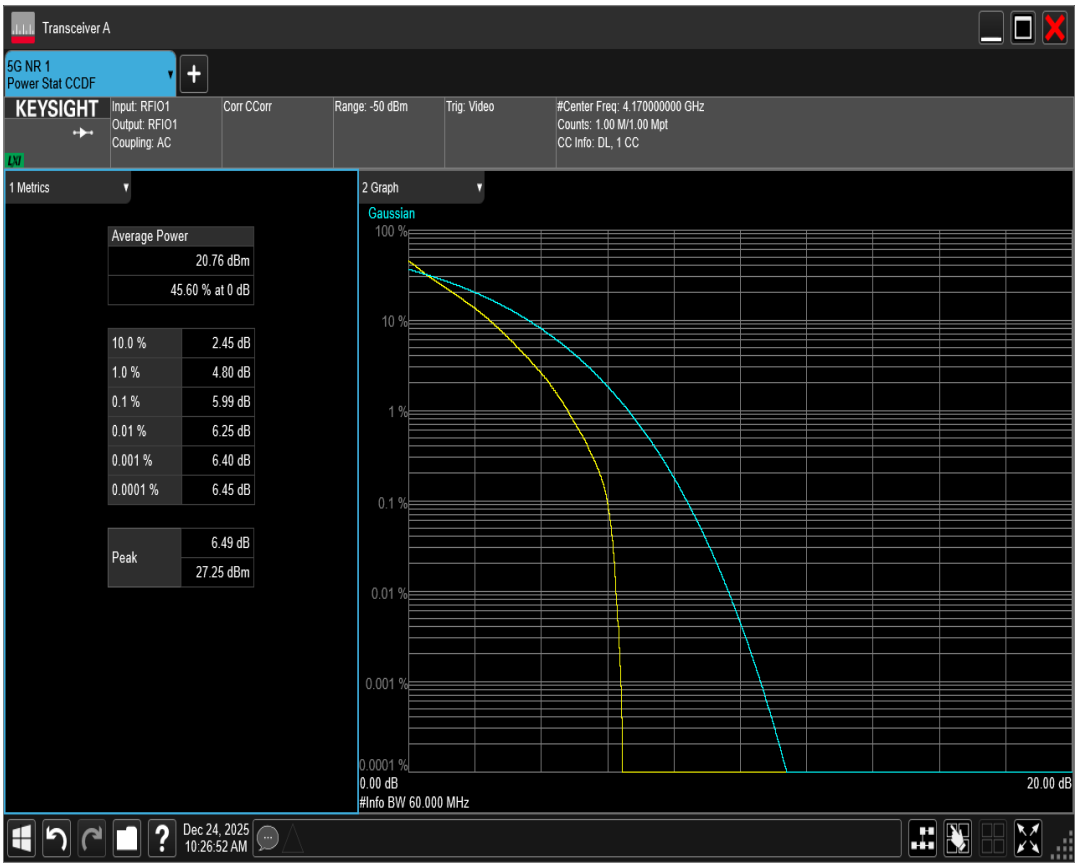
n77 SCS=30kHz DFT_QPSK BW=60MHz Channel=622000 RB=162@0



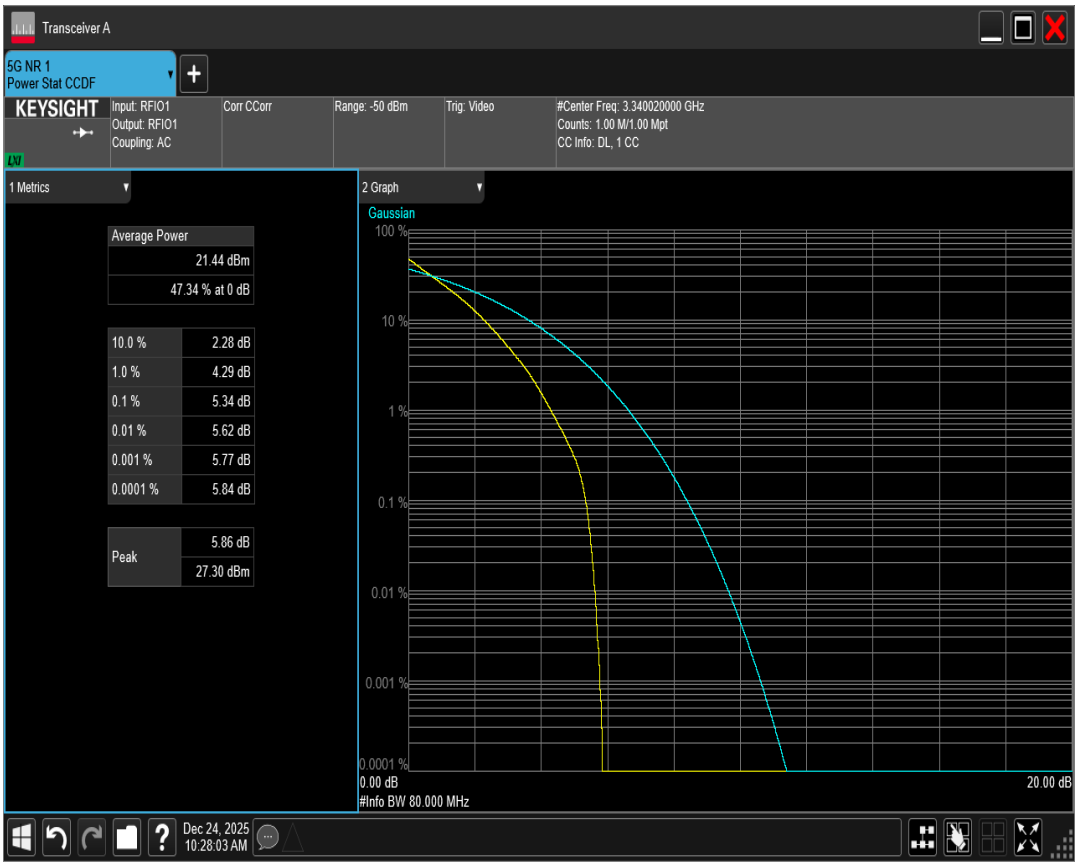
n77 SCS=30kHz DFT_QPSK BW=60MHz Channel=650000 RB=162@0



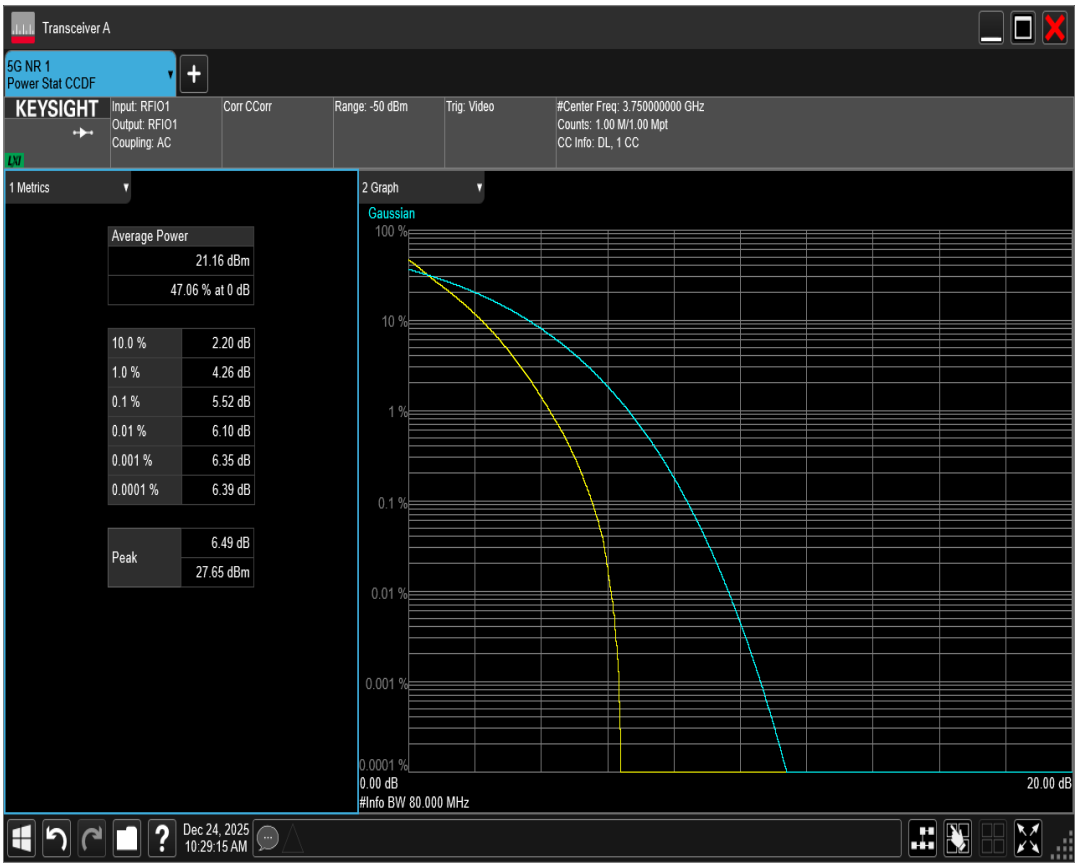
n77 SCS=30kHz DFT_QPSK BW=60MHz Channel=678000 RB=162@0



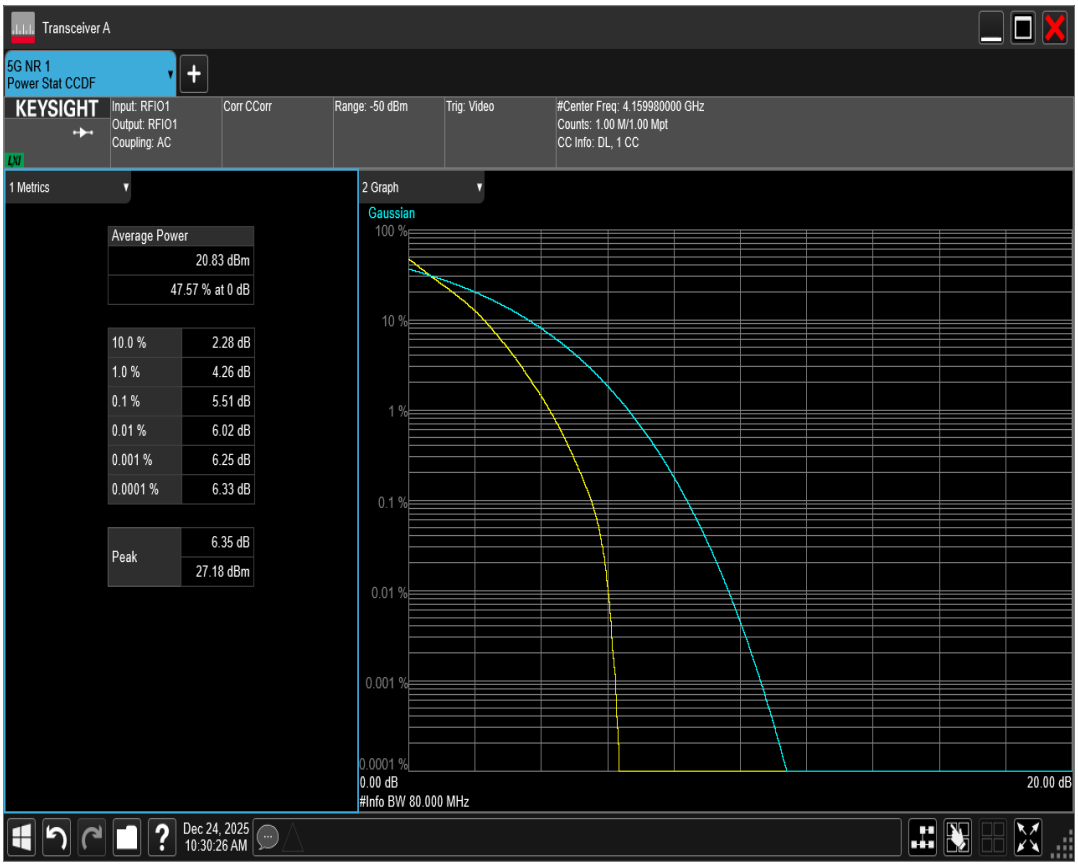
n77 SCS=30kHz DFT_QPSK BW=80MHz Channel=622668 RB=216@0



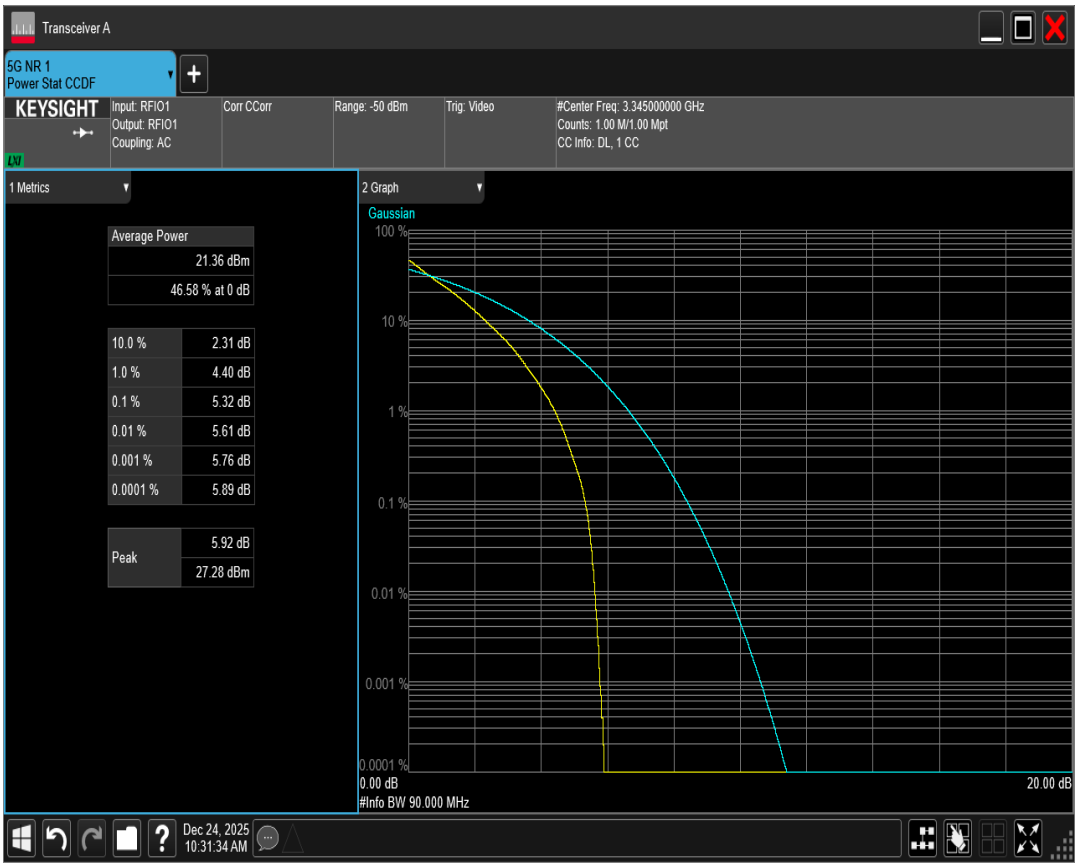
n77 SCS=30kHz DFT_QPSK BW=80MHz Channel=650000 RB=216@0



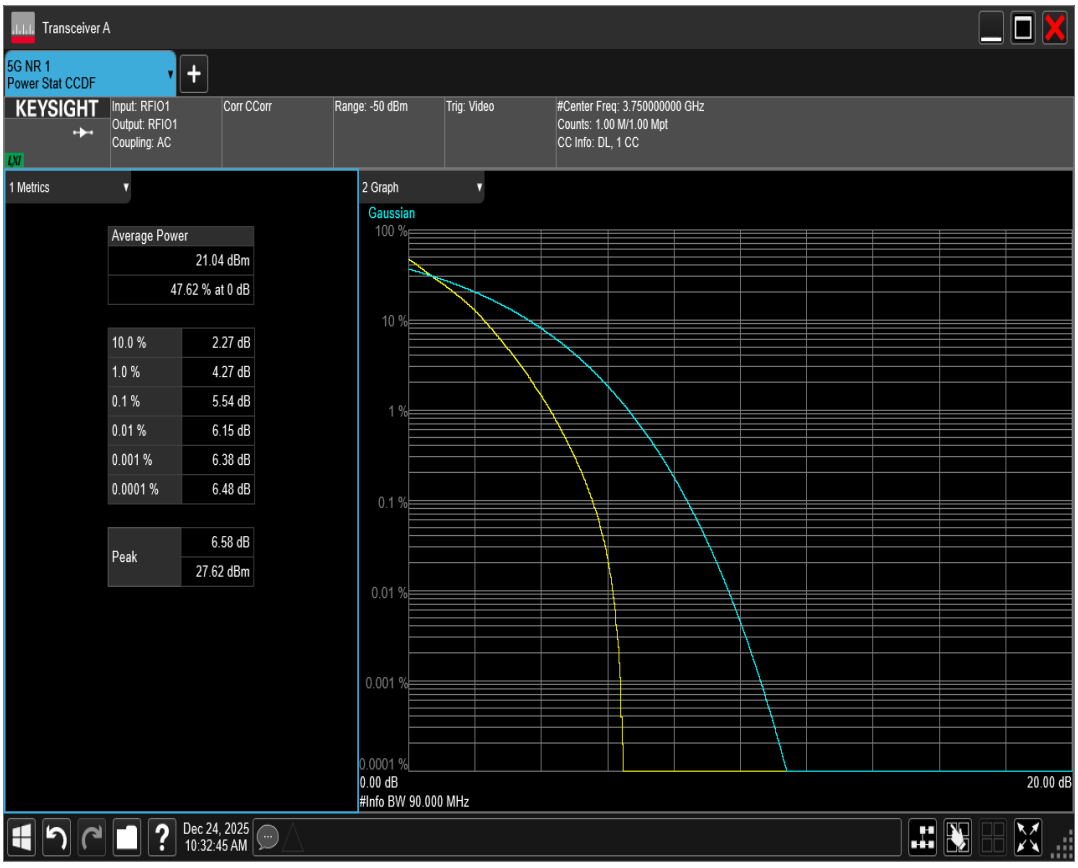
n77 SCS=30kHz DFT_QPSK BW=80MHz Channel=677332 RB=216@0



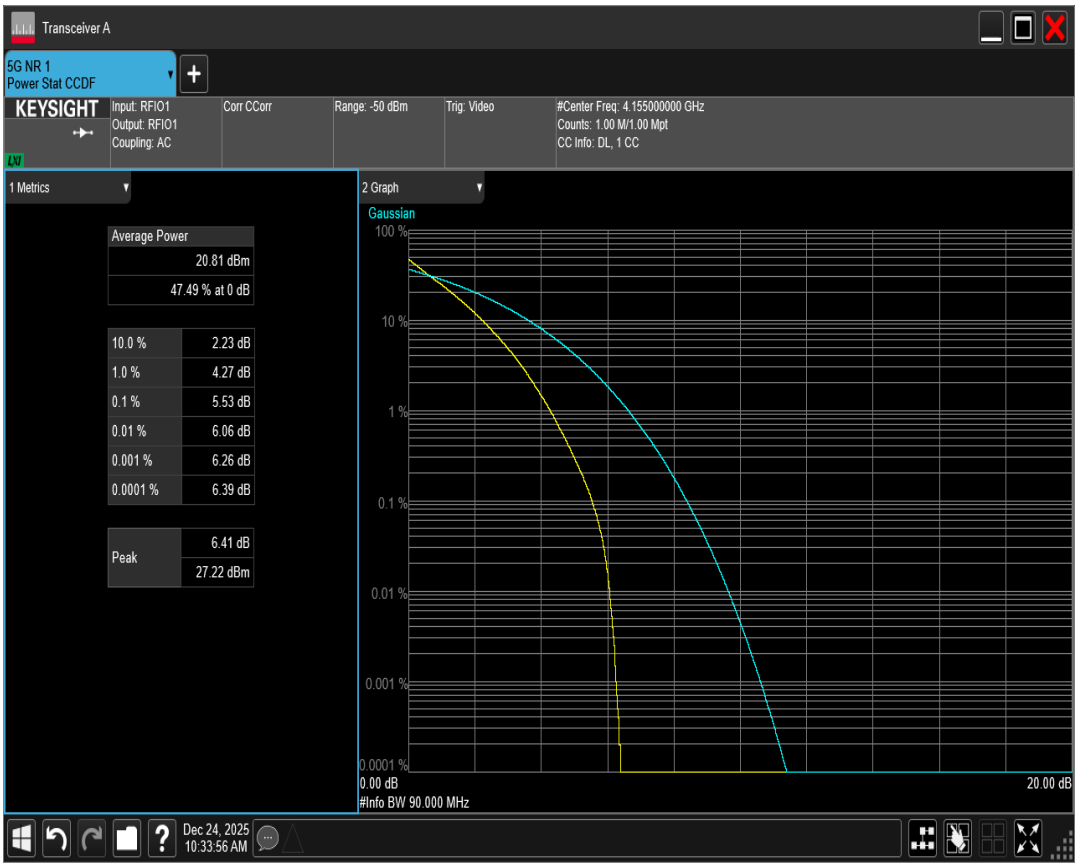
n77 SCS=30kHz DFT_QPSK BW=90MHz Channel=623000 RB=240@0



n77 SCS=30kHz DFT_QPSK BW=90MHz Channel=650000 RB=240@0



n77 SCS=30kHz DFT_QPSK BW=90MHz Channel=677000 RB=240@0


Transceiver A
5G NR 1
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -50 dBm
Trig: Video
#Center Freq: 4.155000000 GHz
Counts: 1.00 M/1.00 Mpt
CC Info: DL, 1 CC
1 Metrics
Average Power
20.81 dBm
47.49 % at 0 dB
10.0 % 2.23 dB
1.0 % 4.27 dB
0.1 % 5.53 dB
0.01 % 6.06 dB
0.001 % 6.26 dB
0.0001 % 6.39 dB
Peak 6.41 dB
27.22 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
#Info BW 90.000 MHz
Dec 24, 2025
10:33:56 AM

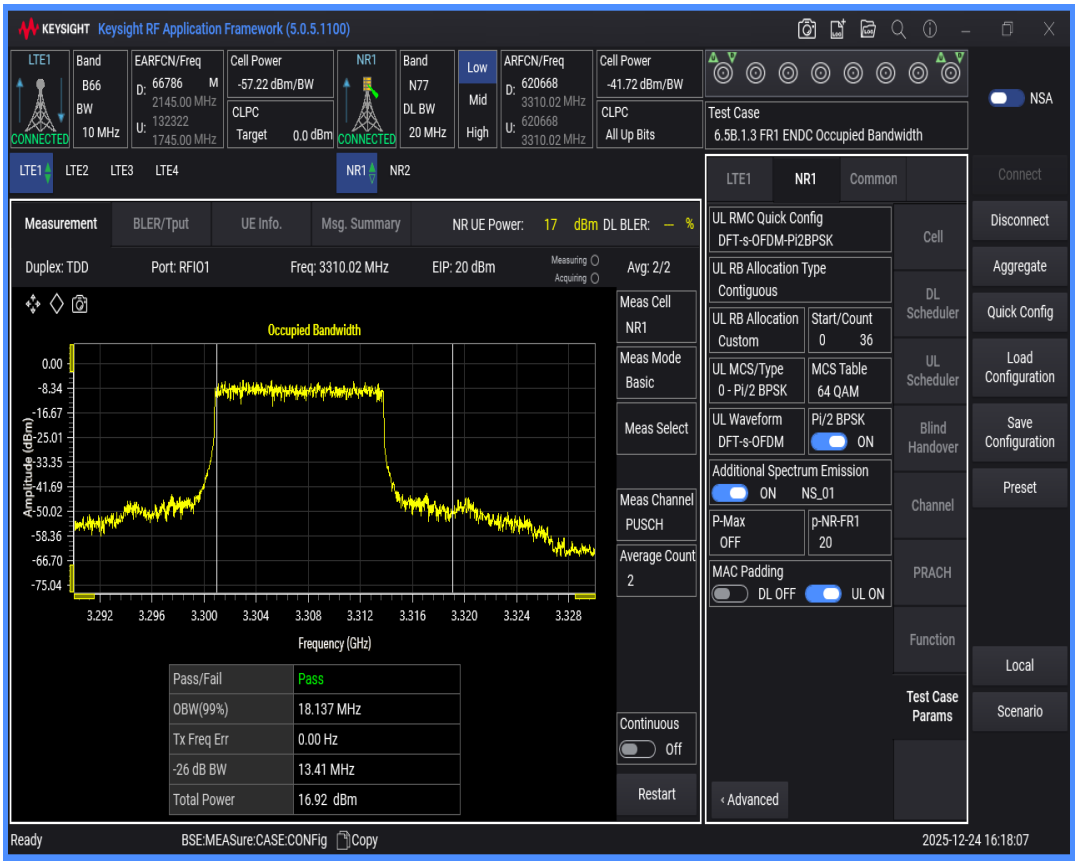
4 Occupied bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77	30	10	650000	24@0	DFT_BPSK	8.550	8.970	PASS
n77	30	10	650000	24@0	DFT_QPSK	8.560	9.170	PASS
n77	30	10	650000	24@0	DFT_QAM16	8.560	9.000	PASS
n77	30	10	650000	24@0	DFT_QAM64	8.530	8.900	PASS
n77	30	10	650000	24@0	DFT_QAM256	8.580	9.100	PASS
n77	30	20	650000	50@0	DFT_BPSK	18.040	18.470	PASS
n77	30	20	650000	50@0	DFT_QPSK	18.090	18.340	PASS
n77	30	20	650000	50@0	DFT_QAM16	18.060	18.390	PASS
n77	30	20	650000	50@0	DFT_QAM64	18.010	18.290	PASS
n77	30	20	650000	50@0	DFT_QAM256	18.080	18.290	PASS
n77	30	40	650000	100@0	DFT_BPSK	37.510	36.420	PASS
n77	30	40	650000	100@0	DFT_QPSK	37.460	36.510	PASS
n77	30	40	650000	100@0	DFT_QAM16	37.620	36.370	PASS
n77	30	40	650000	100@0	DFT_QAM64	37.620	36.280	PASS
n77	30	40	650000	100@0	DFT_QAM256	37.500	36.280	PASS
n77	30	50	650000	128@0	DFT_BPSK	47.080	46.490	PASS
n77	30	50	650000	128@0	DFT_QPSK	47.160	46.590	PASS
n77	30	50	650000	128@0	DFT_QAM16	47.150	46.400	PASS
n77	30	50	650000	128@0	DFT_QAM64	47.030	46.580	PASS
n77	30	50	650000	128@0	DFT_QAM256	47.150	46.470	PASS
n77	30	60	650000	162@0	DFT_BPSK	57.780	58.640	PASS
n77	30	60	650000	162@0	DFT_QPSK	57.790	58.650	PASS
n77	30	60	650000	162@0	DFT_QAM16	57.790	58.670	PASS
n77	30	60	650000	162@0	DFT_QAM64	57.770	58.630	PASS
n77	30	60	650000	162@0	DFT_QAM256	57.780	58.620	PASS
n77	30	80	650000	216@0	DFT_BPSK	76.960	78.140	PASS
n77	30	80	650000	216@0	DFT_QPSK	77.020	78.070	PASS
n77	30	80	650000	216@0	DFT_QAM16	76.960	78.120	PASS
n77	30	80	650000	216@0	DFT_QAM64	77.060	78.030	PASS
n77	30	80	650000	216@0	DFT_QAM256	77.050	77.940	PASS
n77	30	90	650000	240@0	DFT_BPSK	86.430	87.010	PASS
n77	30	90	650000	240@0	DFT_QPSK	86.530	86.690	PASS
n77	30	90	650000	240@0	DFT_QAM16	86.440	86.900	PASS
n77	30	90	650000	240@0	DFT_QAM64	86.430	86.750	PASS
n77	30	90	650000	240@0	DFT_QAM256	86.570	86.890	PASS
n77	30	100	650000	270@0	DFT_BPSK	96.580	97.600	PASS
n77	30	100	650000	270@0	DFT_QPSK	96.730	97.720	PASS
n77	30	100	650000	270@0	DFT_QAM16	96.670	97.550	PASS
n77	30	100	650000	270@0	DFT_QAM64	96.830	97.580	PASS
n77	30	100	650000	270@0	DFT_QAM256	96.590	97.540	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

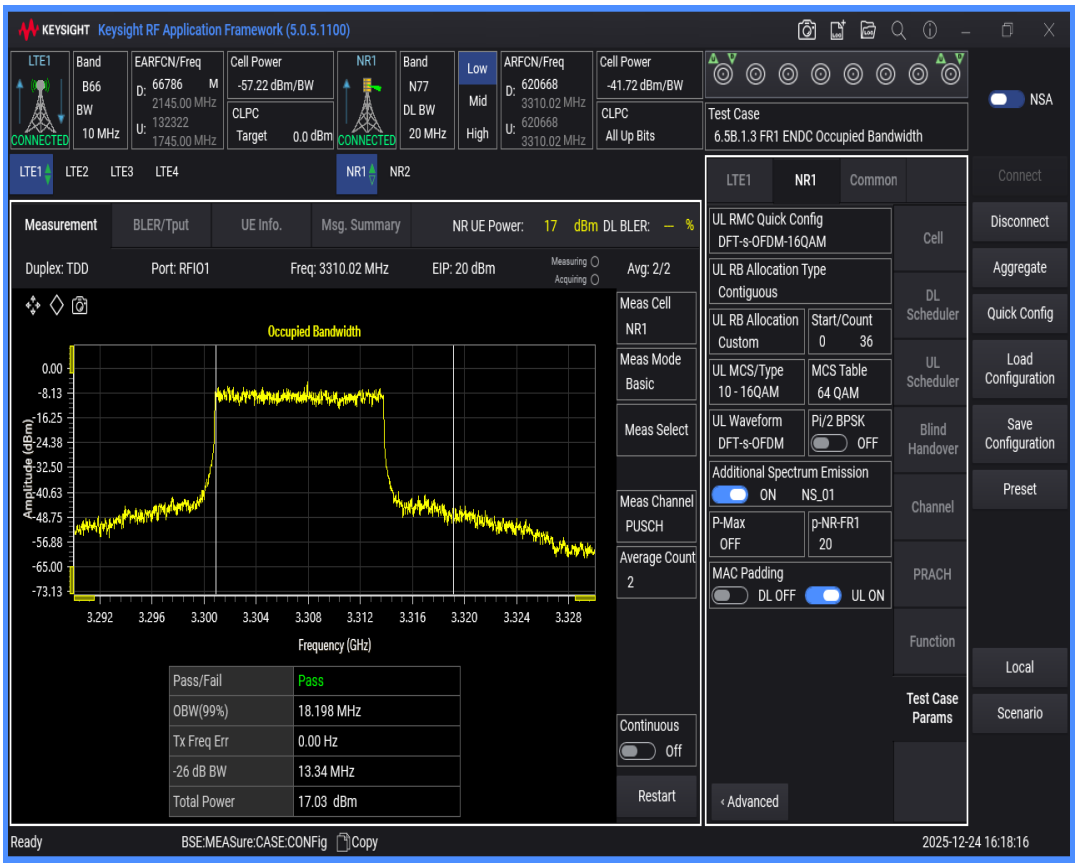
n77 SCS=30kHz DFT_BPSK BW=80MHz Channel=650000 RB=216@0

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=650000 RB=24@0

n77 SCS=30kHz DFT_QAM16 BW=15MHz Channel=650000 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

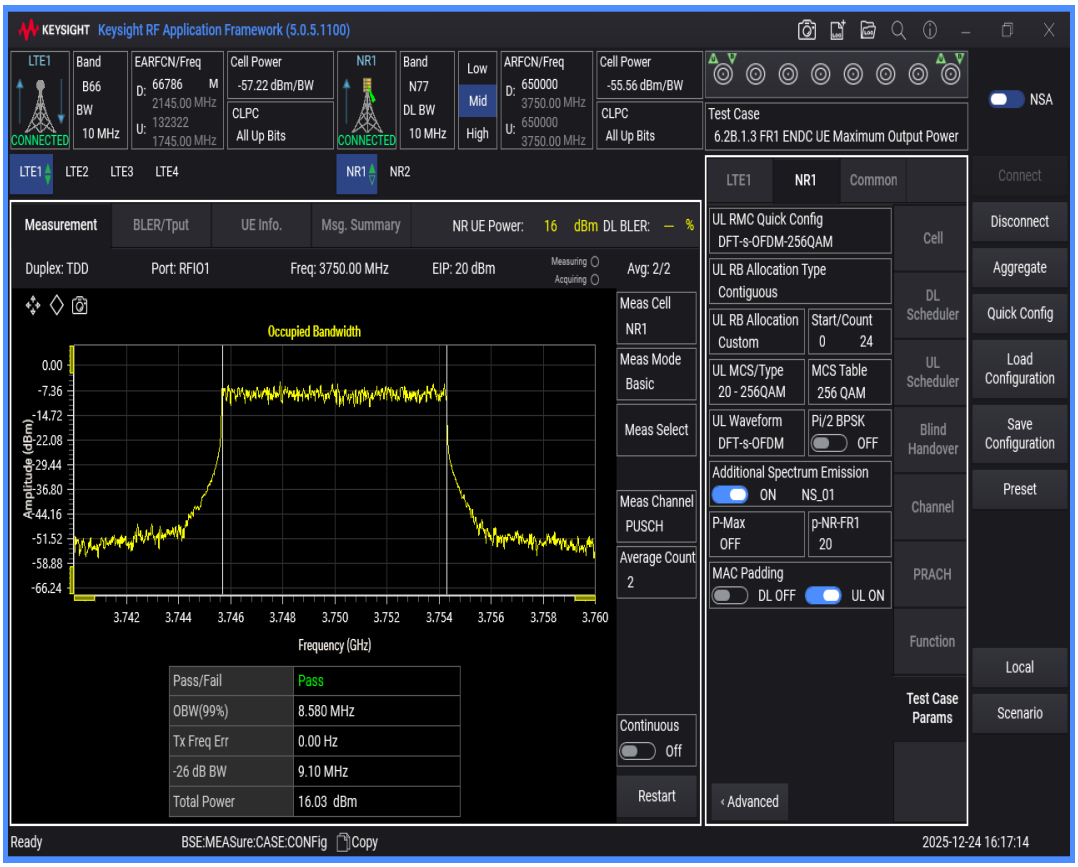
n77 SCS=30kHz DFT_QAM16 BW=60MHz Channel=650000 RB=162@0

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

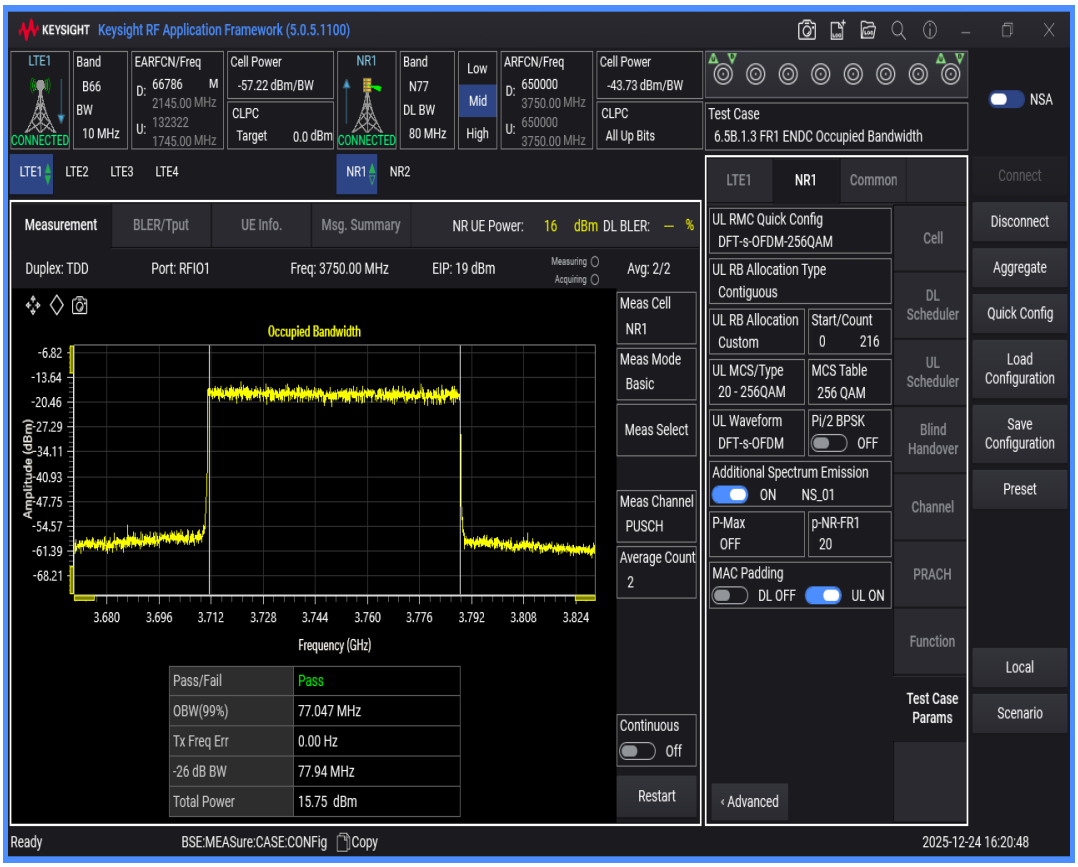
n77 SCS=30kHz DFT_QAM256 BW=20MHz Channel=650000 RB=50@0

n77 SCS=30kHz DFT_QAM256 BW=40MHz Channel=650000 RB=100@0

n77 SCS=30kHz DFT_QAM256 BW=50MHz Channel=650000 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

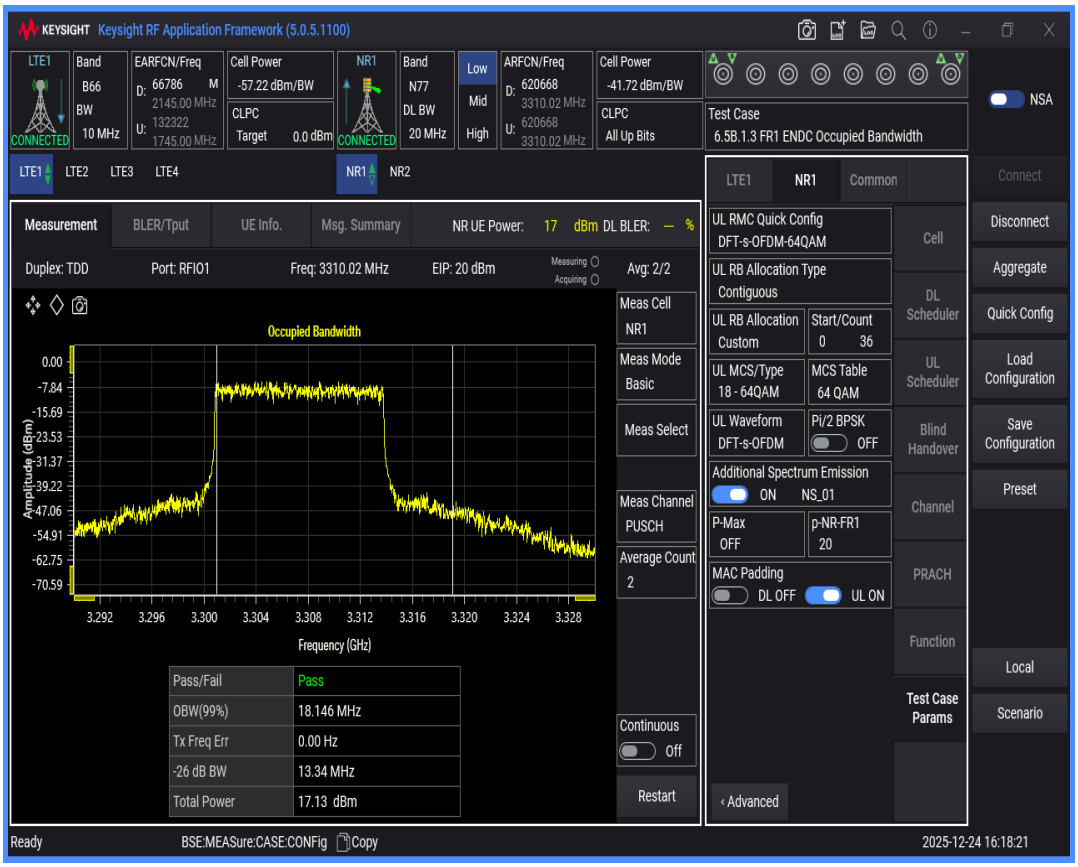


n77 SCS=30kHz DFT_QAM256 BW=90MHz Channel=650000 RB=240@0

n77 SCS=30kHz DFT_QAM64 BW=100MHz Channel=650000 RB=270@0

n77 SCS=30kHz DFT_QAM64 BW=10MHz Channel=650000 RB=24@0

n77 SCS=30kHz DFT_QAM64 BW=15MHz Channel=650000 RB=36@0



n77 SCS=30kHz DFT_QAM64 BW=20MHz Channel=650000 RB=50@0

n77 SCS=30kHz DFT_QAM64 BW=40MHz Channel=650000 RB=100@0