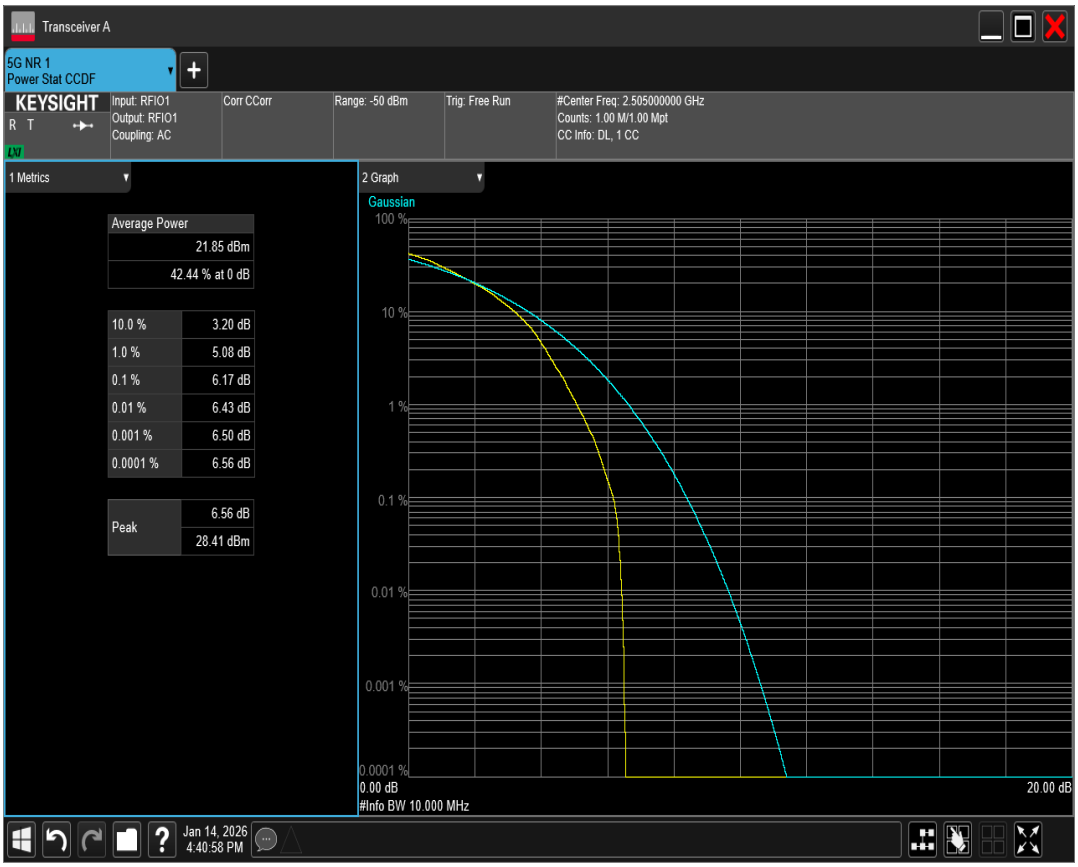
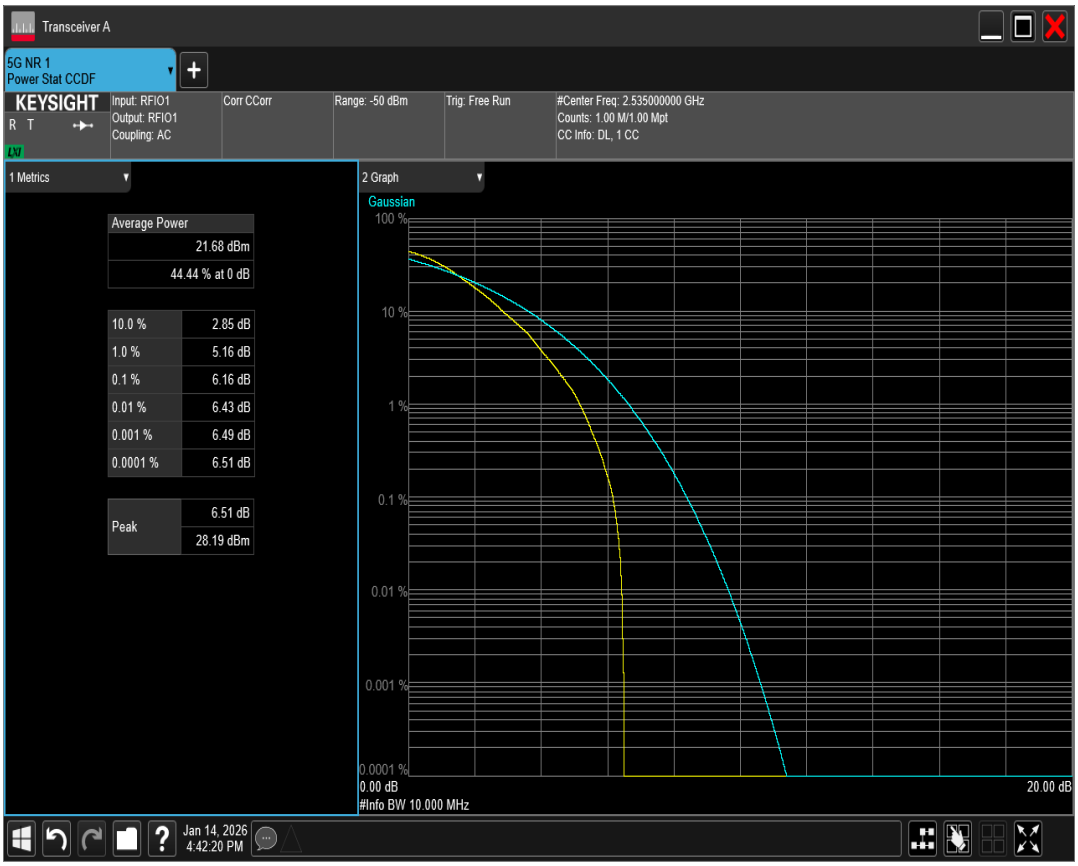
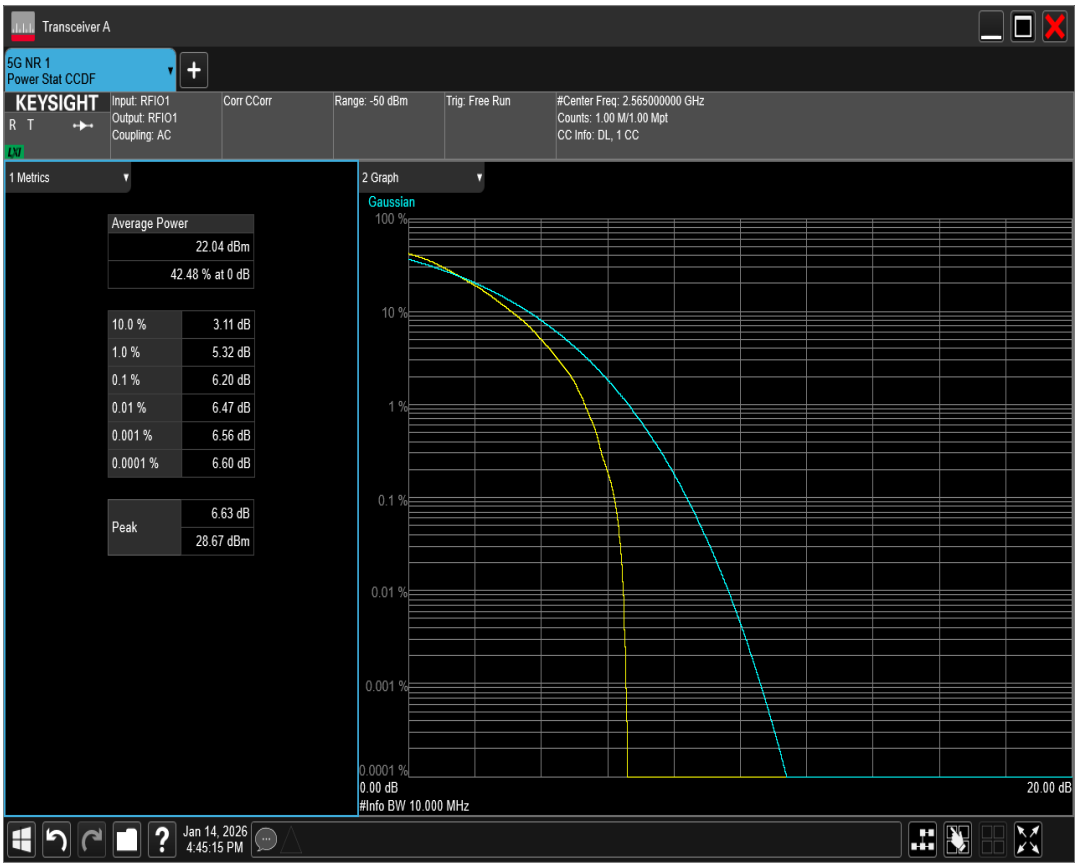


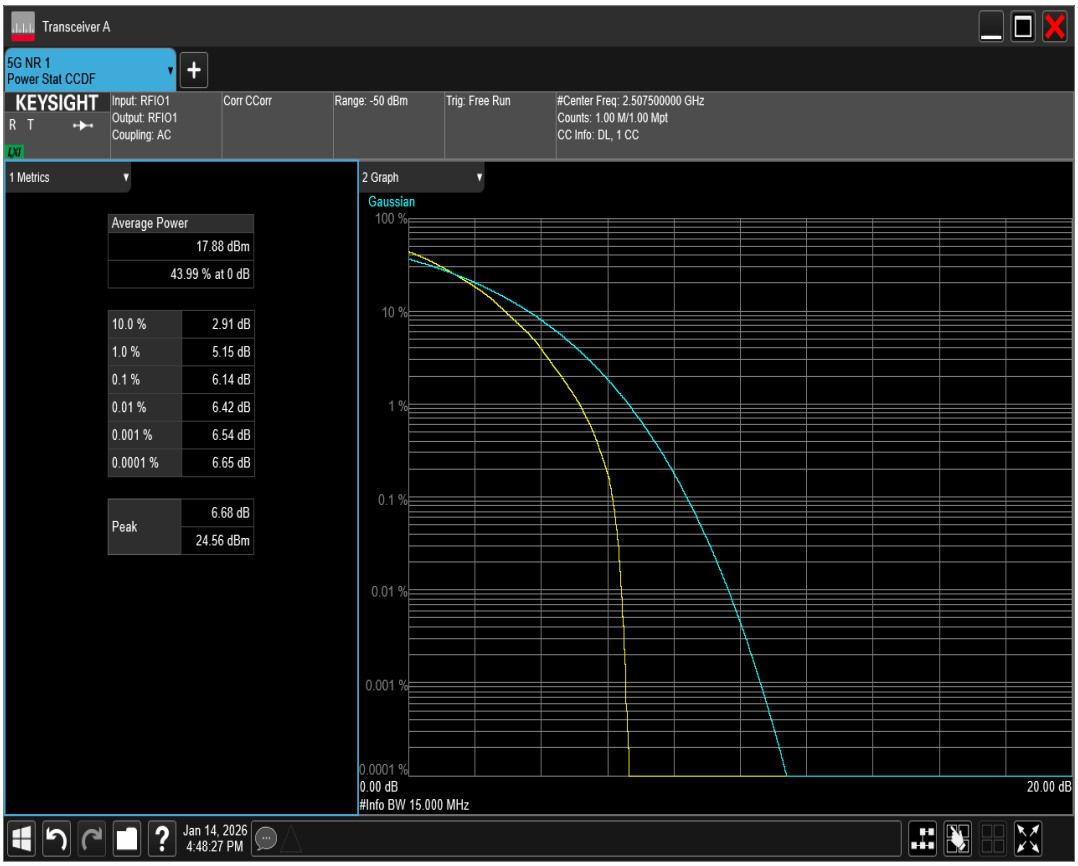
n7 SCS=15kHz DFT_QAM64 BW=10MHz Channel=507000 RB=50@0



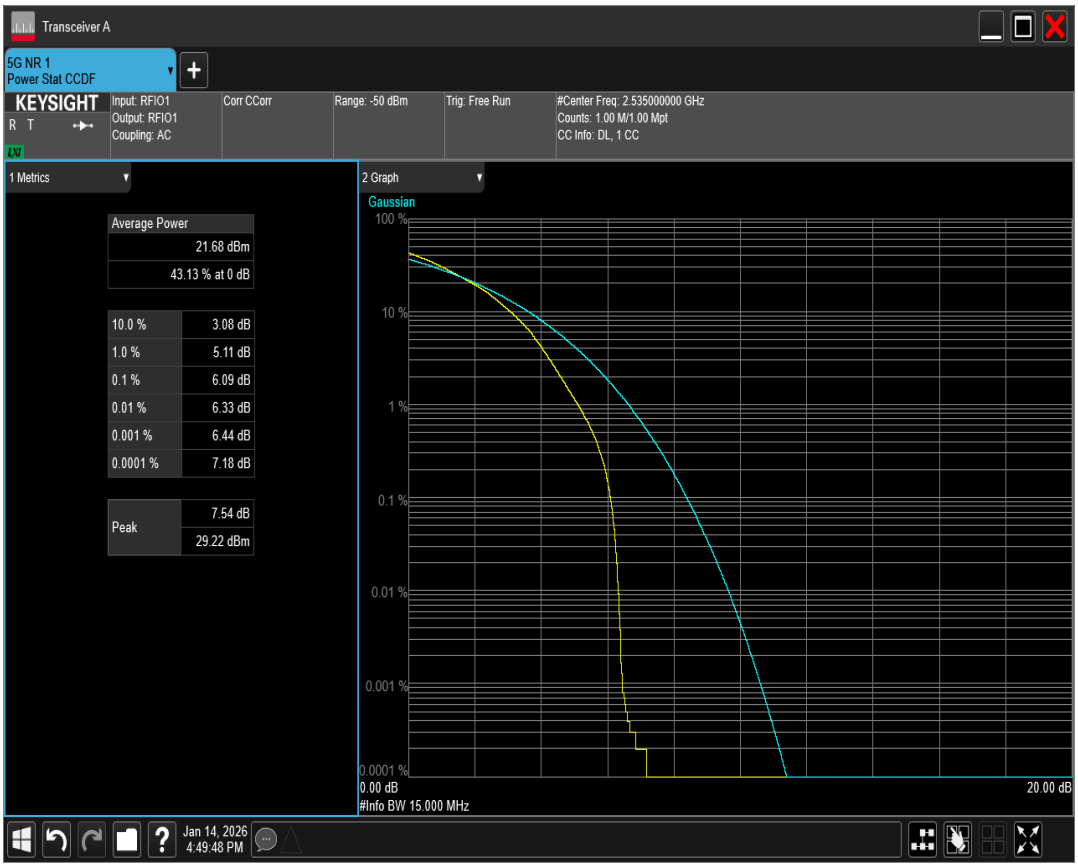
n7 SCS=15kHz DFT_QAM64 BW=10MHz Channel=513000 RB=50@0



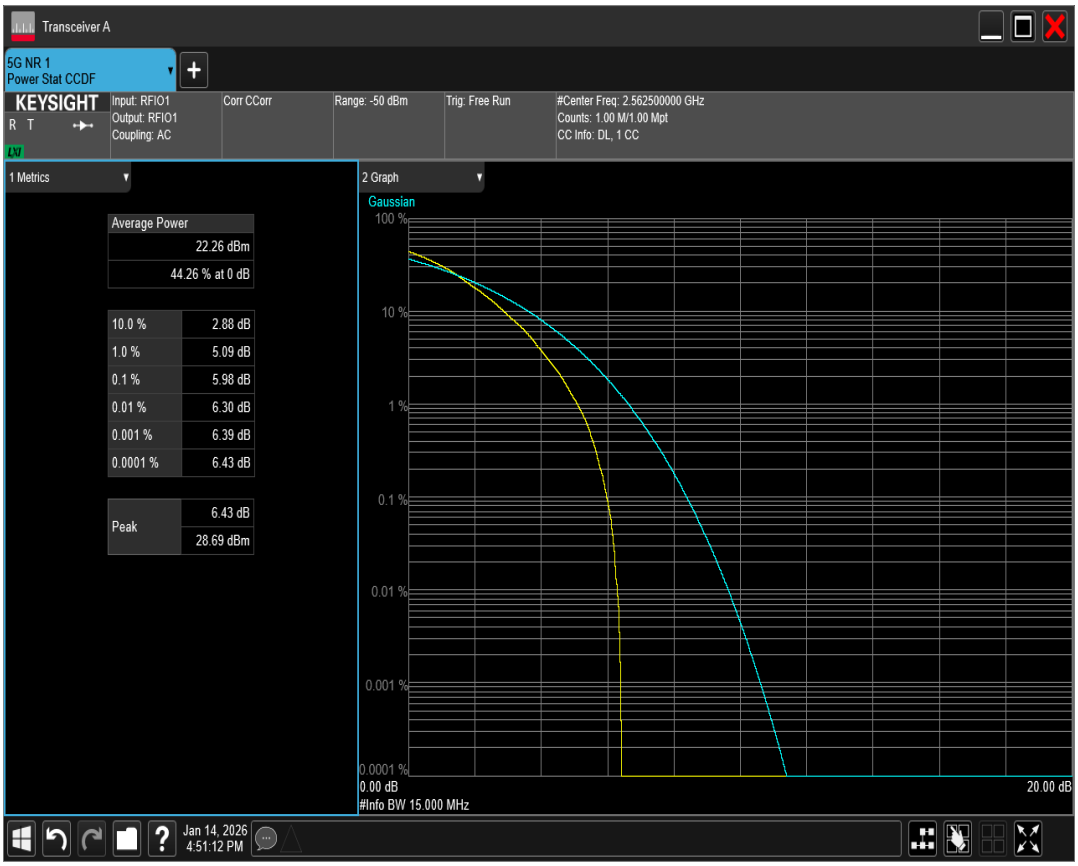
n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=501500 RB=75@0



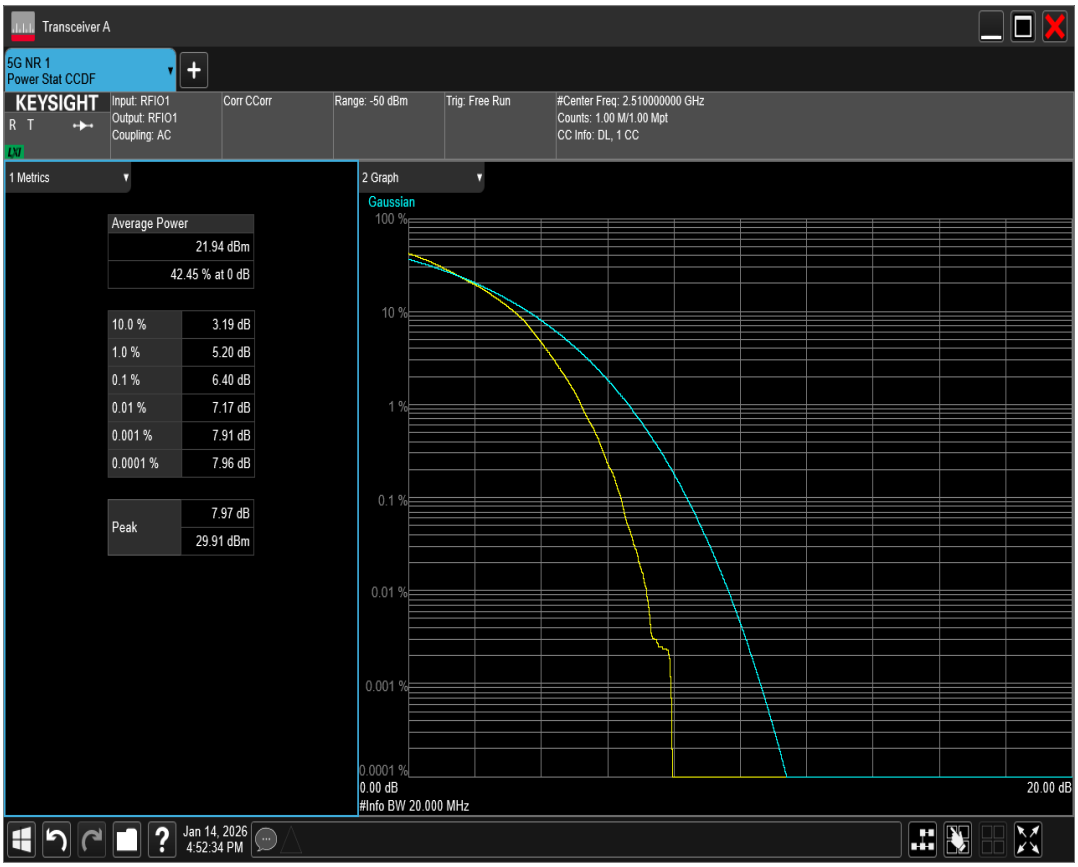
n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=507000 RB=75@0



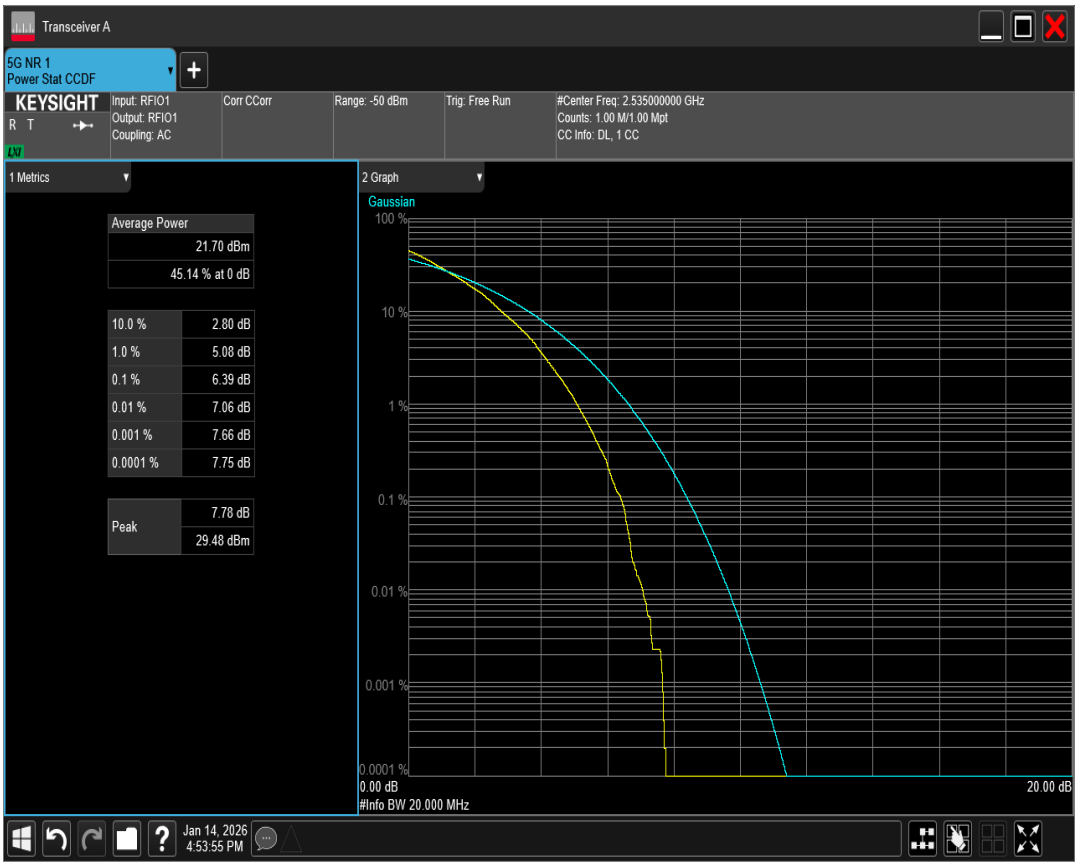
n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=512500 RB=75@0



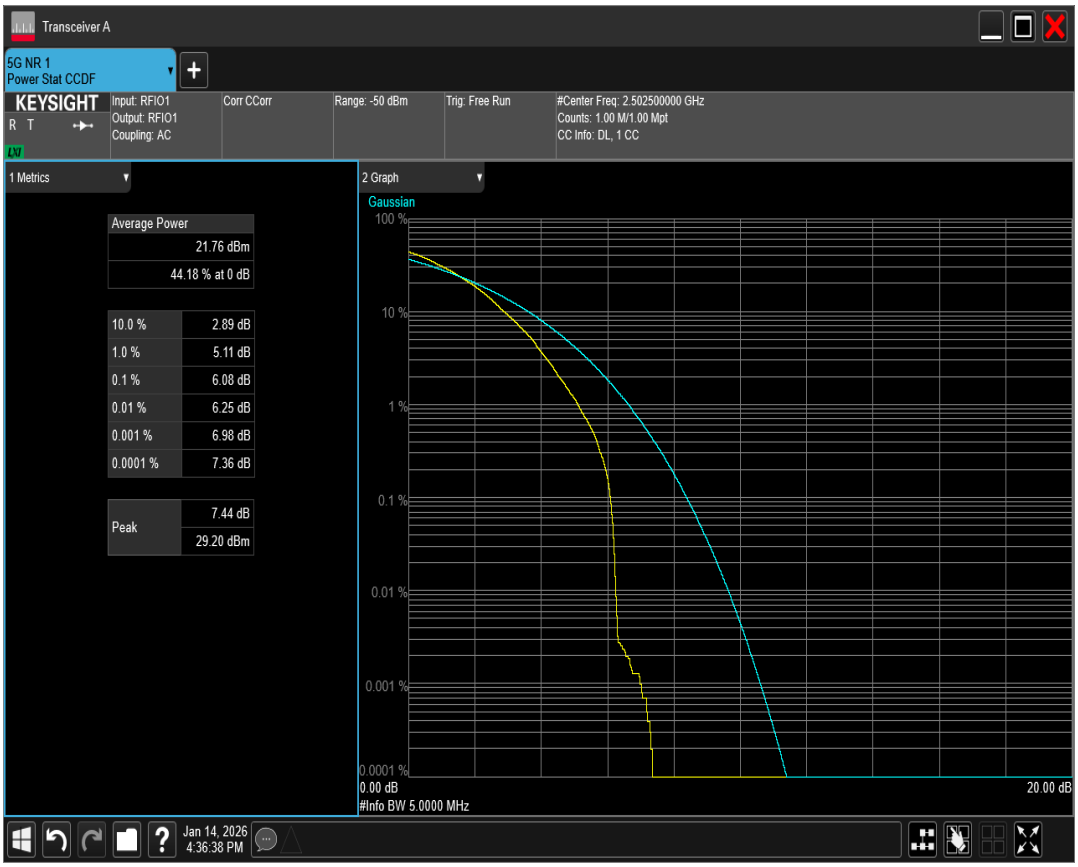
n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=502000 RB=100@0



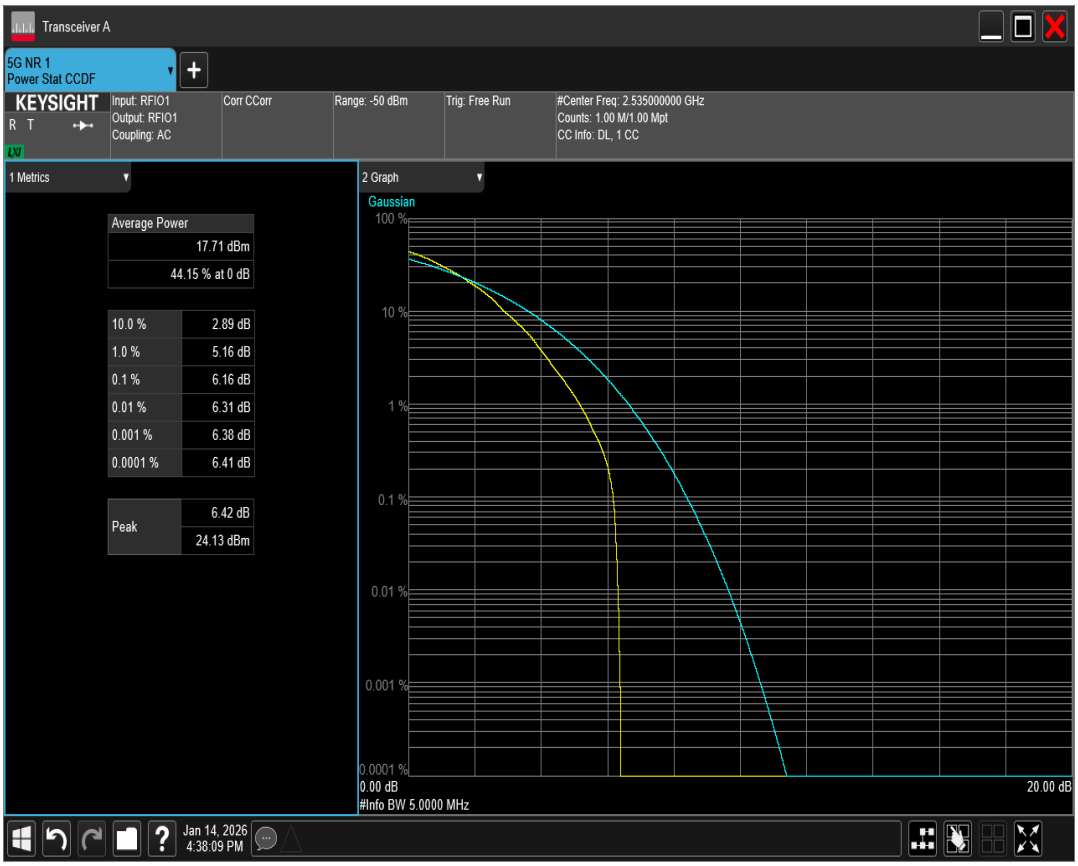
n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=507000 RB=100@0



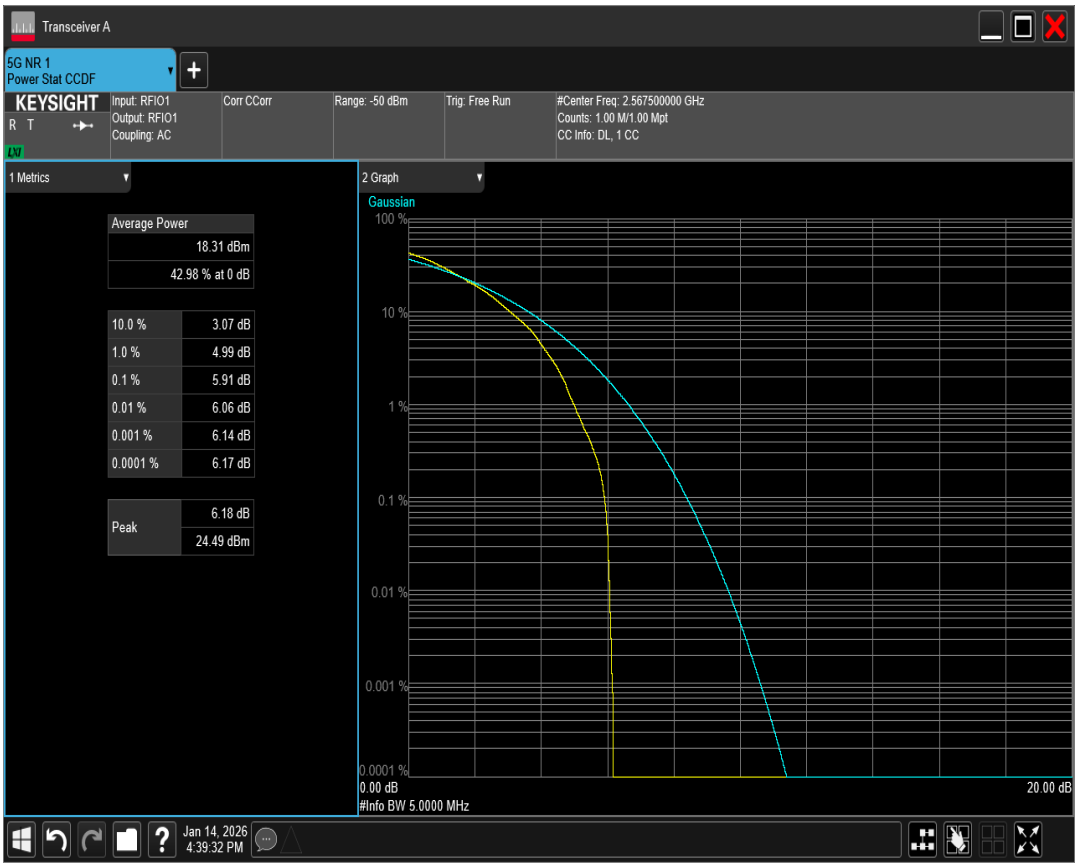
n7 SCS=15kHz DFT_QAM64 BW=5MHz Channel=500500 RB=25@0



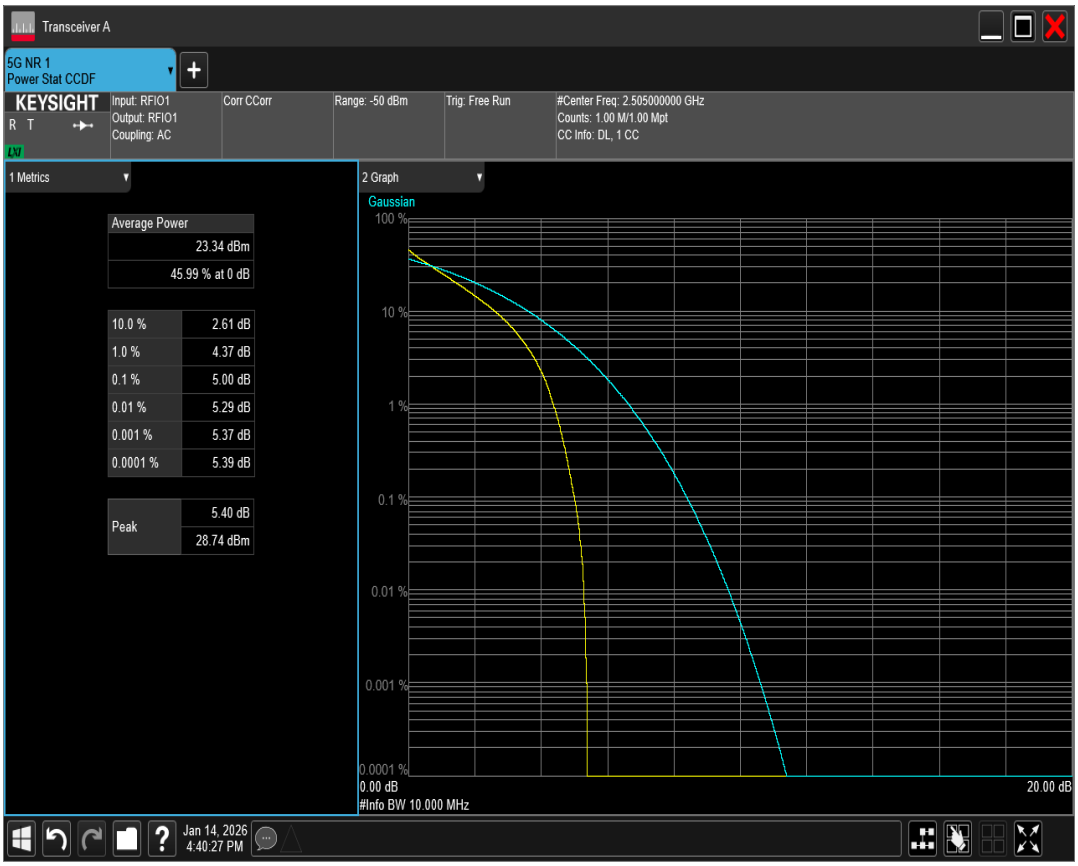
n7 SCS=15kHz DFT_QAM64 BW=5MHz Channel=507000 RB=25@0



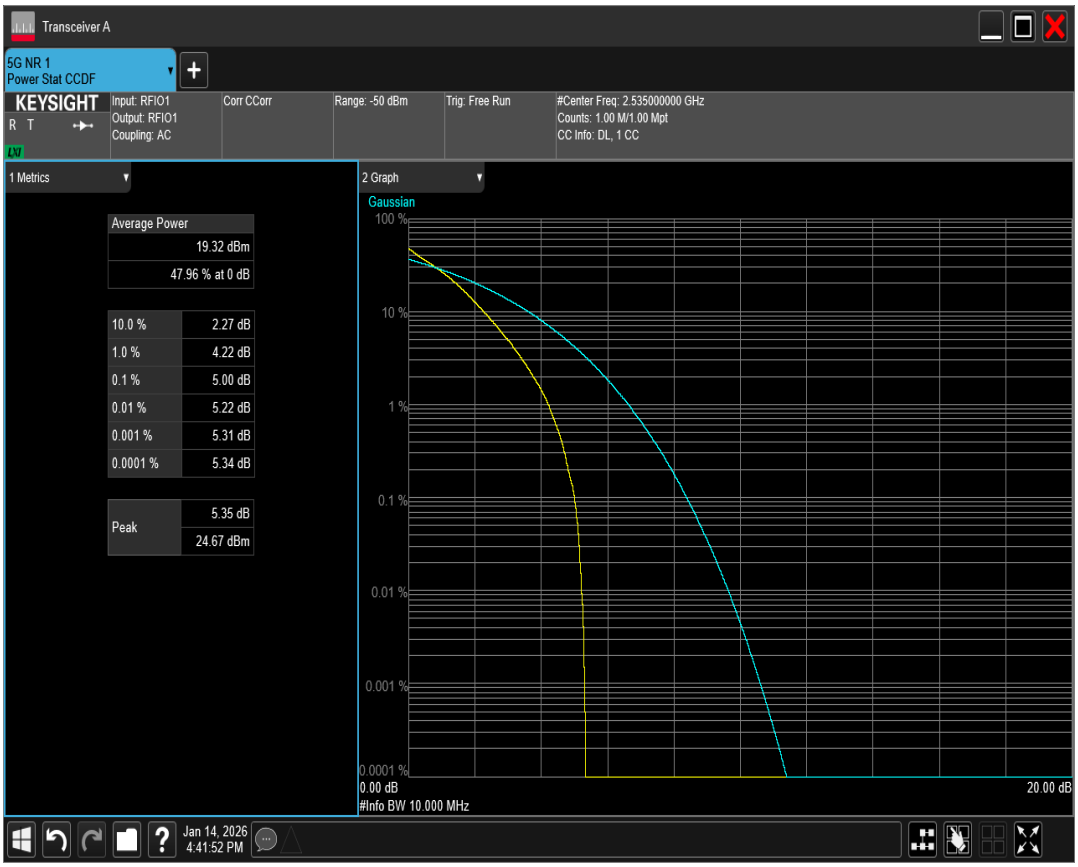
n7 SCS=15kHz DFT_QAM64 BW=5MHz Channel=513500 RB=25@0



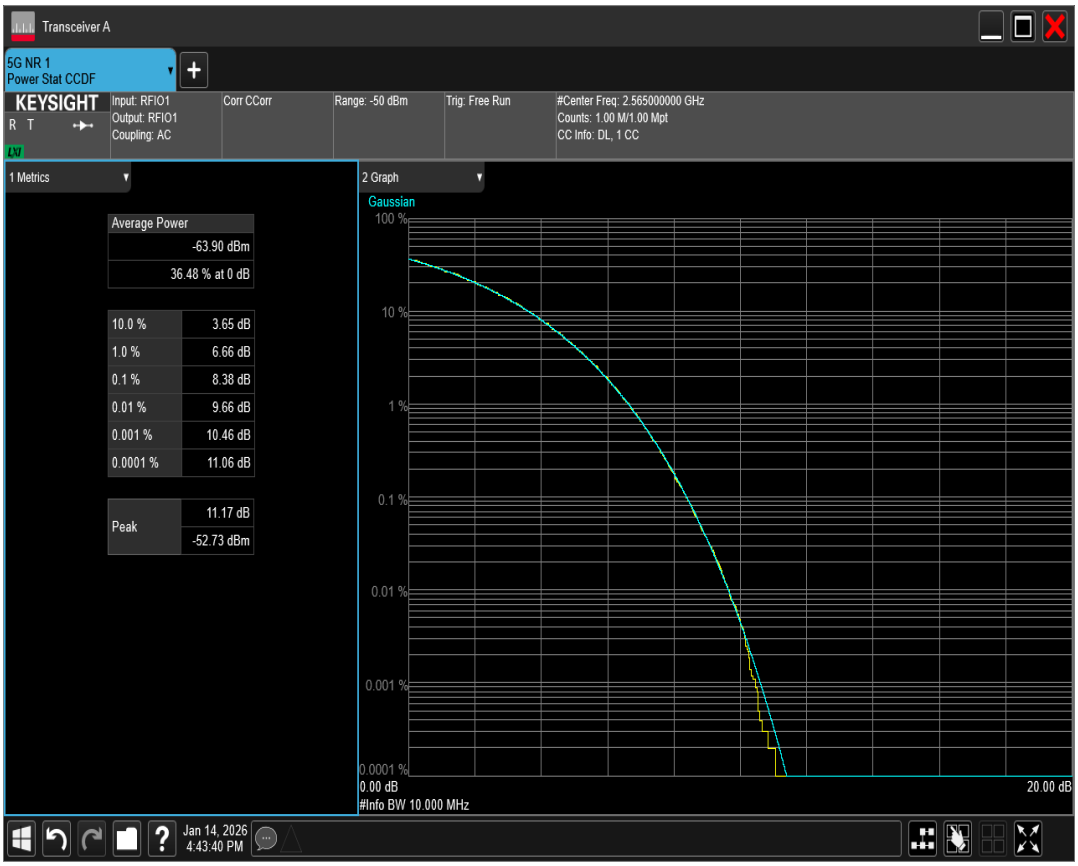
n7 SCS=15kHz DFT_QPSK BW=10MHz Channel=501000 RB=50@0



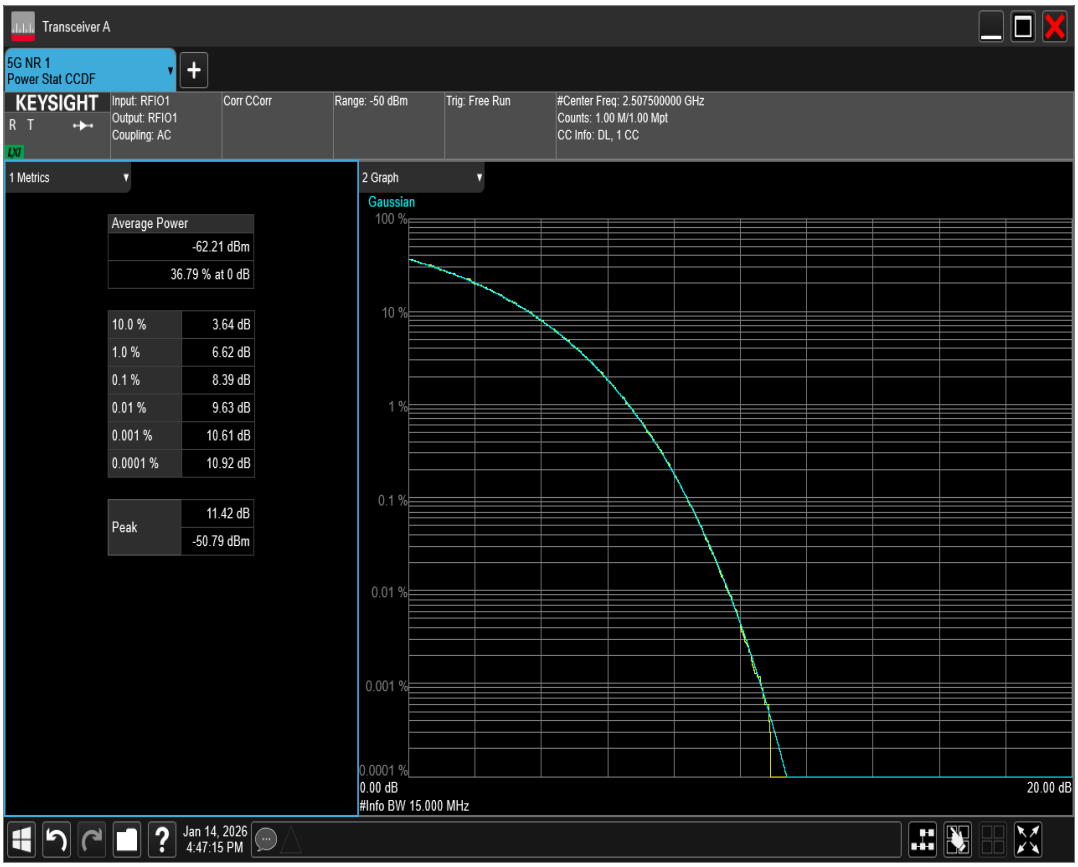
n7 SCS=15kHz DFT_QPSK BW=10MHz Channel=507000 RB=50@0



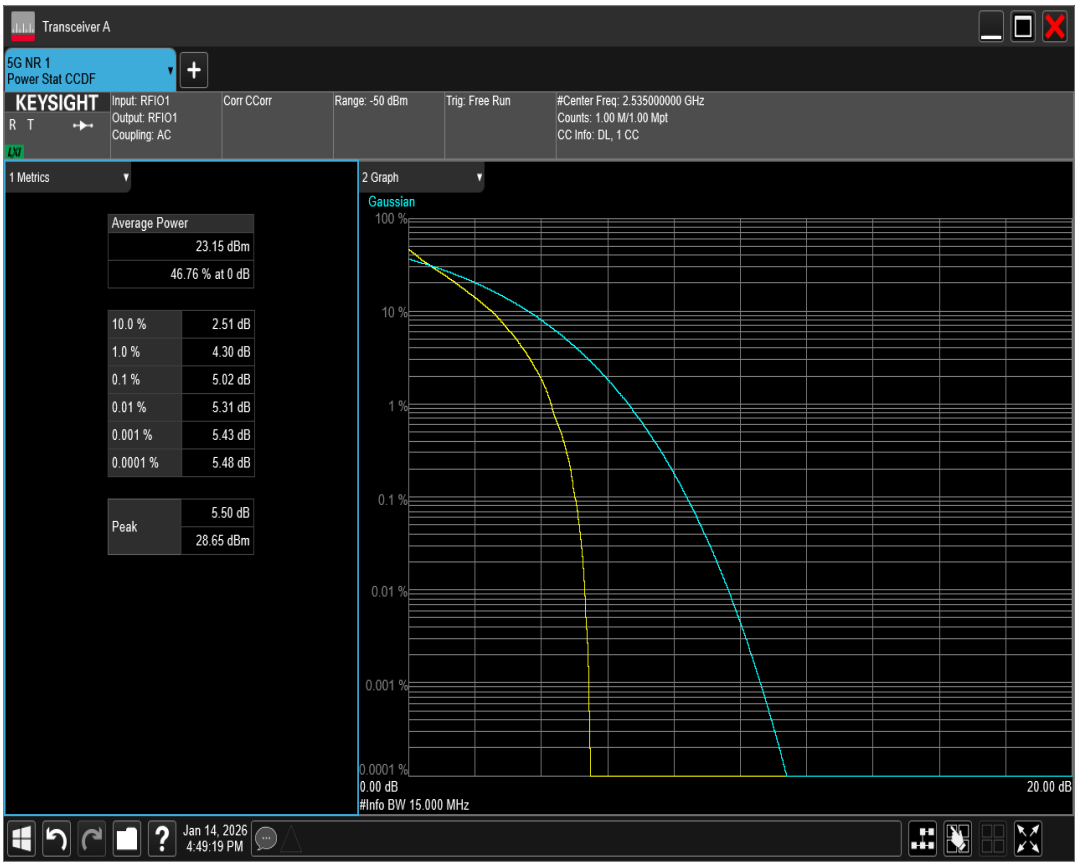
n7 SCS=15kHz DFT_QPSK BW=10MHz Channel=513000 RB=50@0



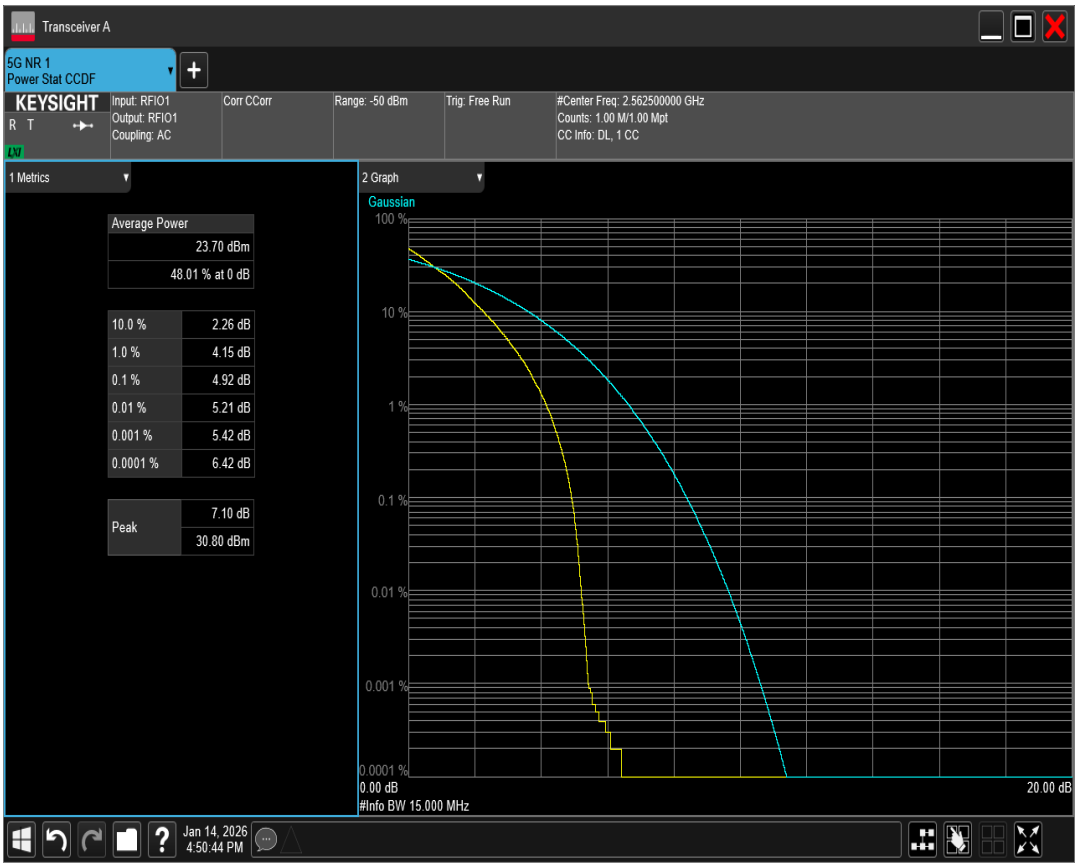
n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=501500 RB=75@0



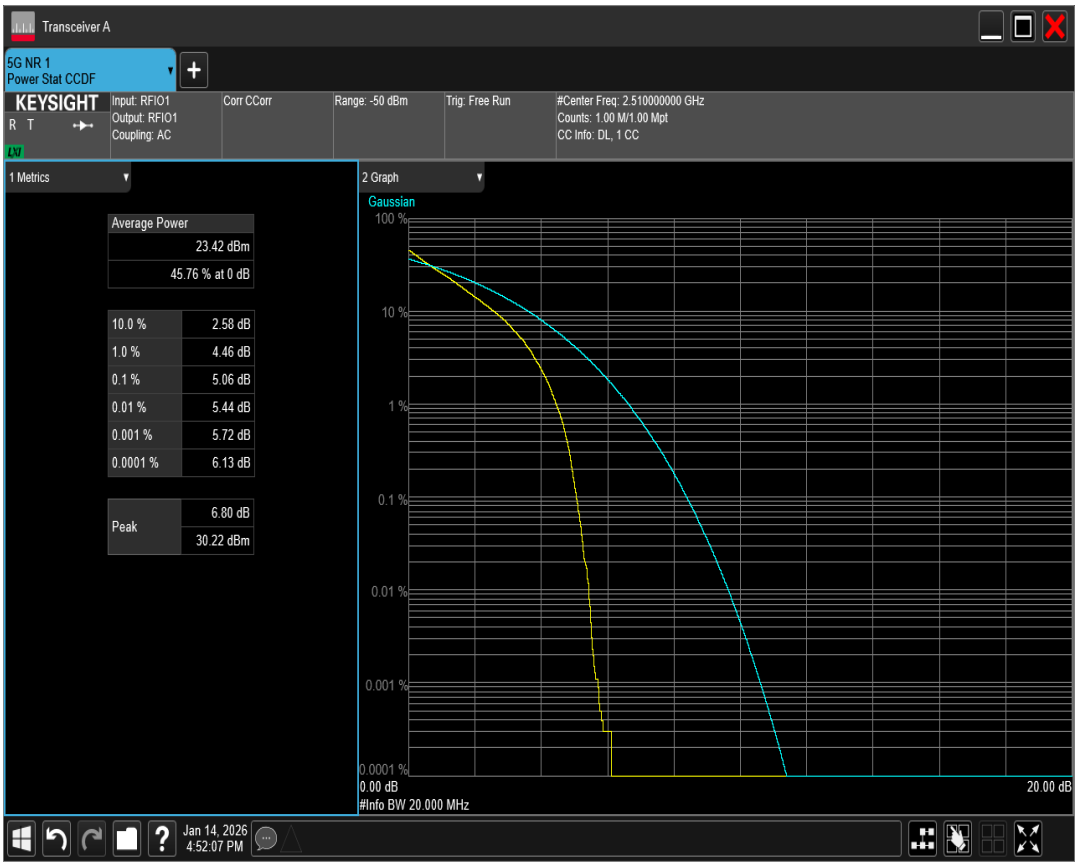
n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=507000 RB=75@0



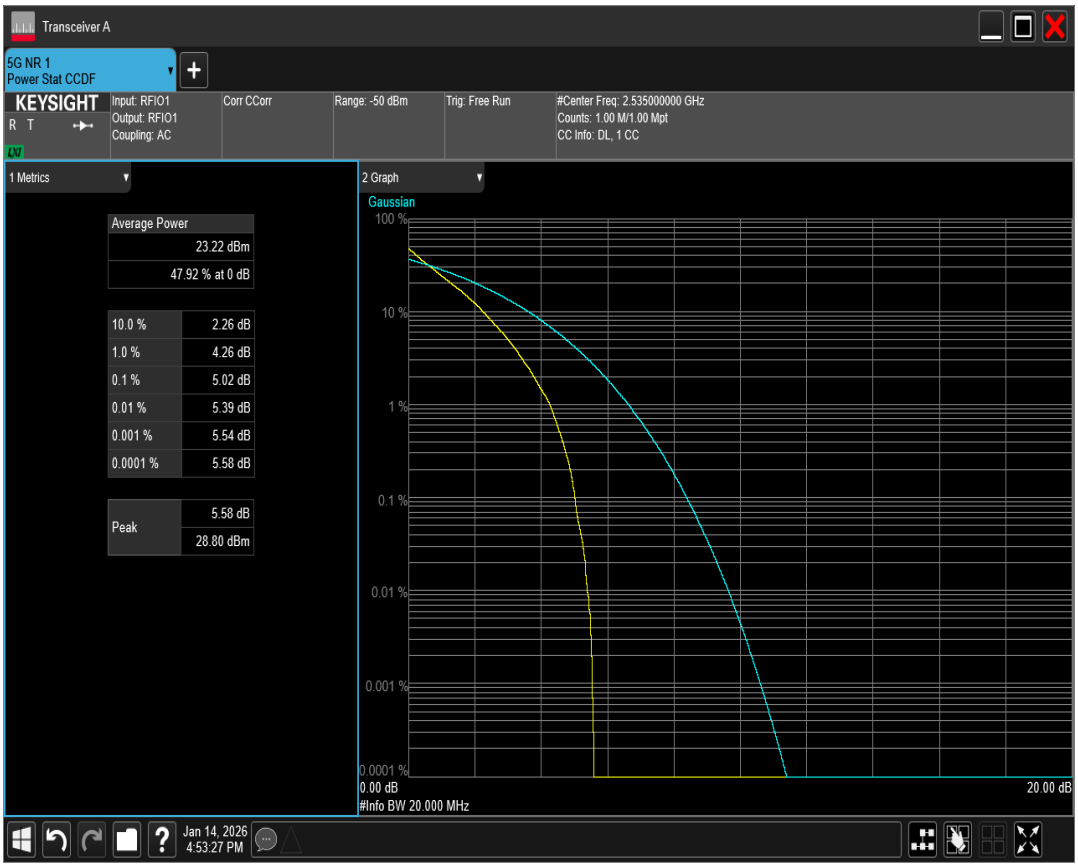
n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=512500 RB=75@0



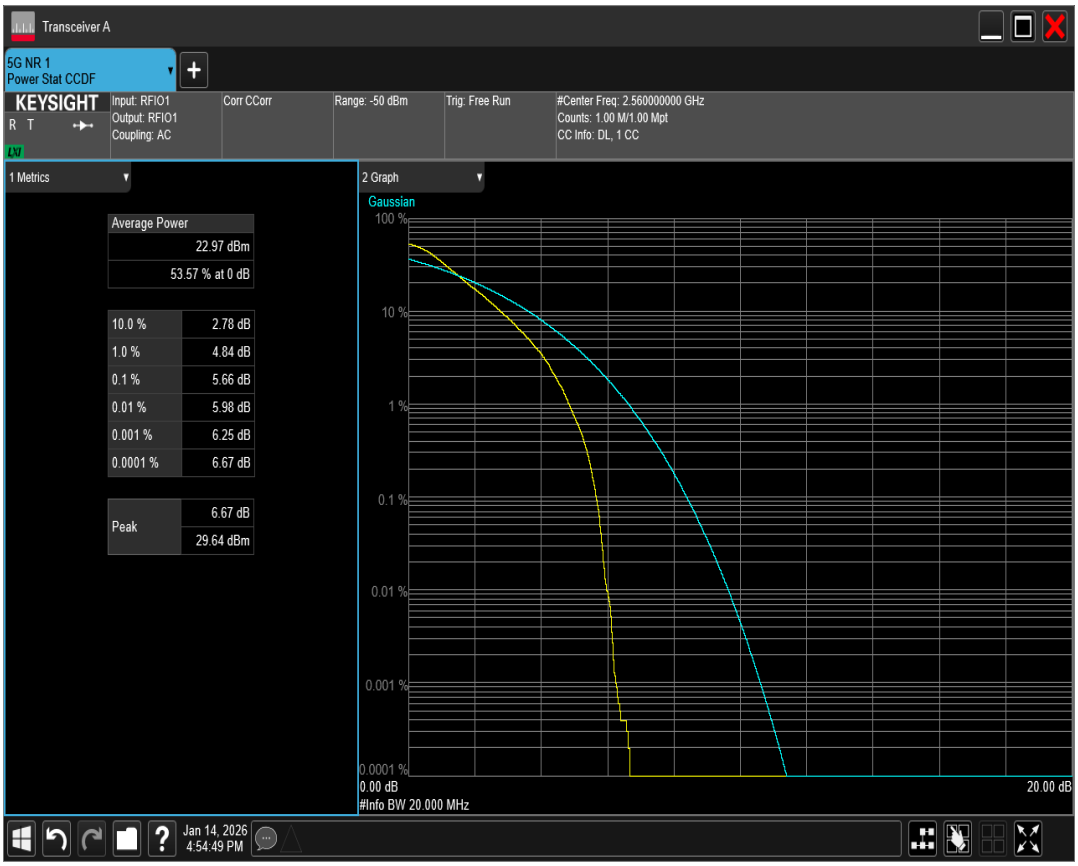
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=502000 RB=100@0



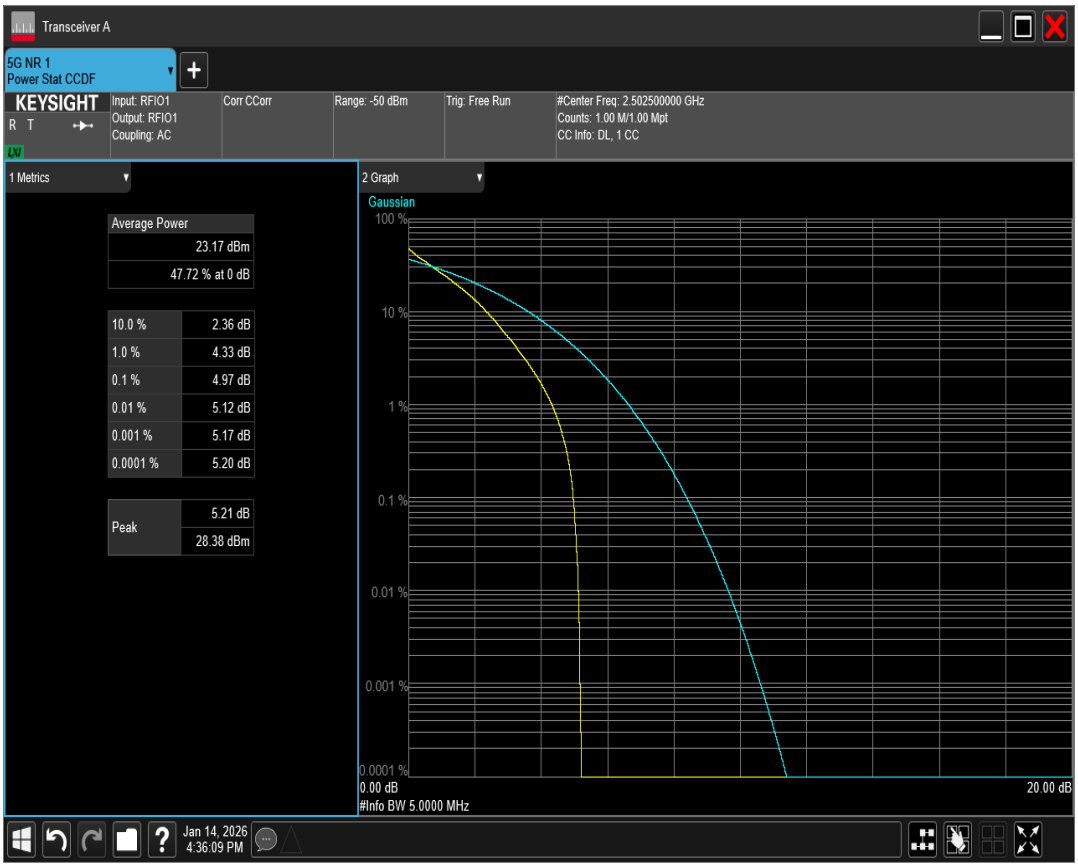
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=507000 RB=100@0



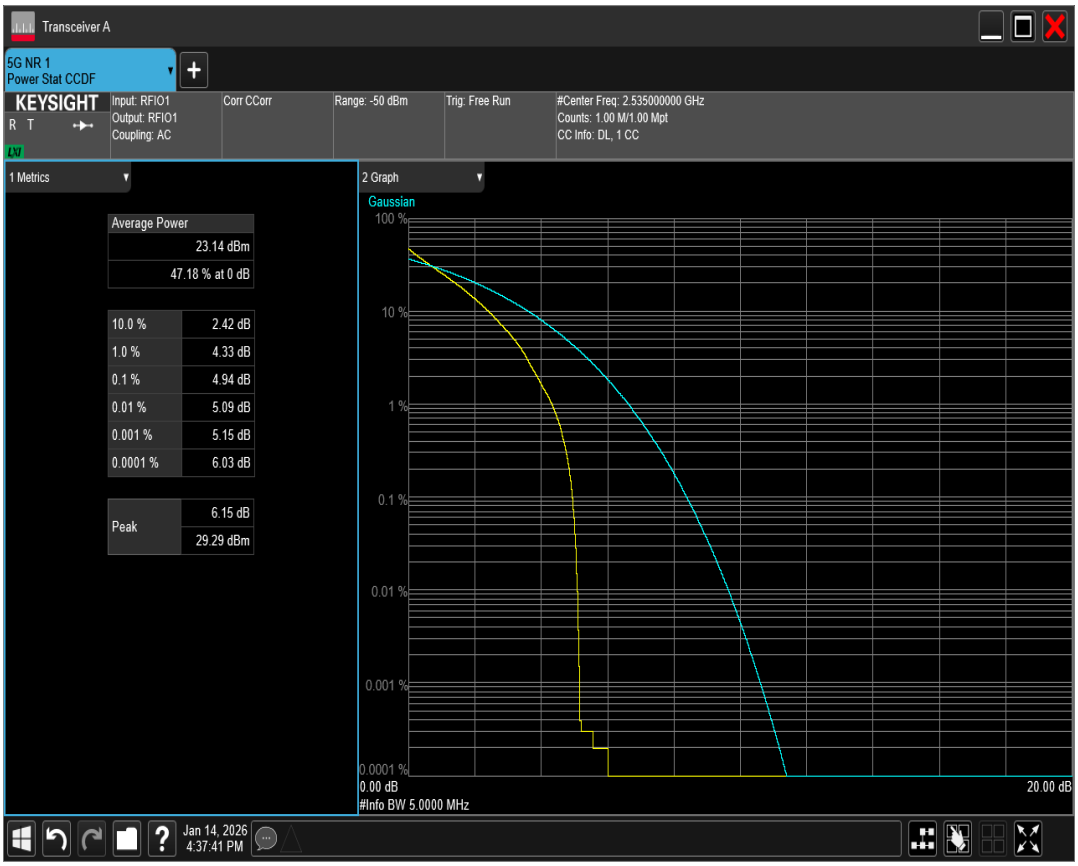
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=100@0



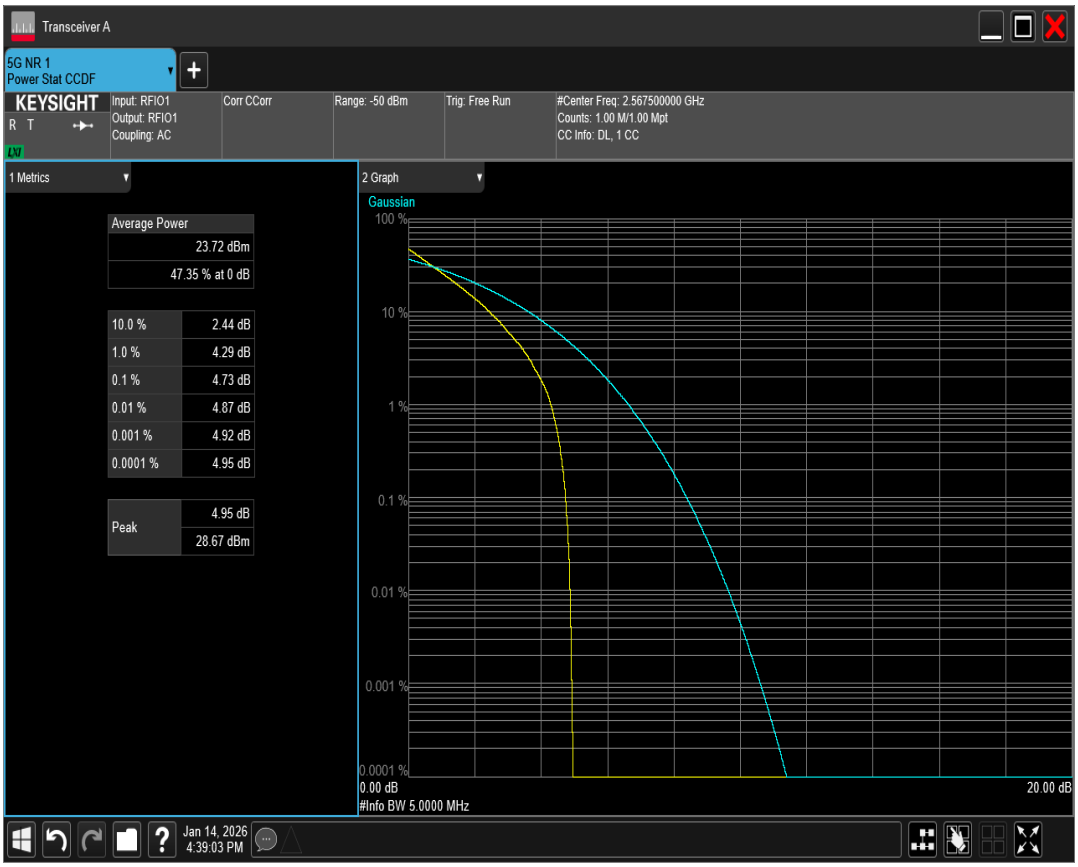
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=500500 RB=25@0



n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=507000 RB=25@0



n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=513500 RB=25@0


Transceiver A
5G NR 1
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -50 dBm
Trig: Free Run
#Center Freq: 2.567500000 GHz
Counts: 1.00 M/1.00 Mpt
CC Info: DL, 1 CC
1 Metrics
Average Power
23.72 dBm
47.35 % at 0 dB
10.0 % 2.44 dB
1.0 % 4.29 dB
0.1 % 4.73 dB
0.01 % 4.87 dB
0.001 % 4.92 dB
0.0001 % 4.95 dB
Peak 4.95 dB
28.67 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
#Info BW 5.0000 MHz
Jan 14, 2026
4:39:03 PM

4 Occupied bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	15	5	507000	25@0	DFT_BPSK	4.460	4.660	PASS
n7	15	5	507000	25@0	DFT_QPSK	4.460	4.640	PASS
n7	15	5	507000	25@0	DFT_QAM16	4.440	4.660	PASS
n7	15	5	507000	25@0	DFT_QAM64	4.460	4.630	PASS
n7	15	5	507000	25@0	DFT_QAM256	4.460	4.620	PASS
n7	15	10	507000	50@0	DFT_BPSK	9.230	9.120	PASS
n7	15	10	507000	50@0	DFT_QPSK	9.190	9.090	PASS
n7	15	10	507000	50@0	DFT_QAM16	9.210	9.120	PASS
n7	15	10	507000	50@0	DFT_QAM64	9.200	9.130	PASS
n7	15	10	507000	50@0	DFT_QAM256	9.190	9.100	PASS
n7	15	15	507000	75@0	DFT_BPSK	14.000	13.690	PASS
n7	15	15	507000	75@0	DFT_QPSK	14.020	13.670	PASS
n7	15	15	507000	75@0	DFT_QAM16	13.980	13.700	PASS
n7	15	15	507000	75@0	DFT_QAM64	13.960	13.590	PASS
n7	15	15	507000	75@0	DFT_QAM256	13.970	13.630	PASS
n7	15	20	507000	100@0	DFT_BPSK	18.760	18.200	PASS
n7	15	20	507000	100@0	DFT_QPSK	18.750	18.130	PASS
n7	15	20	507000	100@0	DFT_QAM16	18.700	18.170	PASS
n7	15	20	507000	100@0	DFT_QAM64	18.730	18.100	PASS
n7	15	20	507000	100@0	DFT_QAM256	18.730	18.150	PASS

n7 SCS=15kHz DFT_BPSK BW=10MHz Channel=507000 RB=50@0

n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=507000 RB=75@0

n7 SCS=15kHz DFT_BPSK BW=20MHz Channel=507000 RB=100@0

n7 SCS=15kHz DFT_BPSK BW=5MHz Channel=507000 RB=25@0

n7 SCS=15kHz DFT_QAM16 BW=10MHz Channel=507000 RB=50@0

n7 SCS=15kHz DFT_QAM16 BW=15MHz Channel=507000 RB=75@0

n7 SCS=15kHz DFT_QAM16 BW=20MHz Channel=507000 RB=100@0