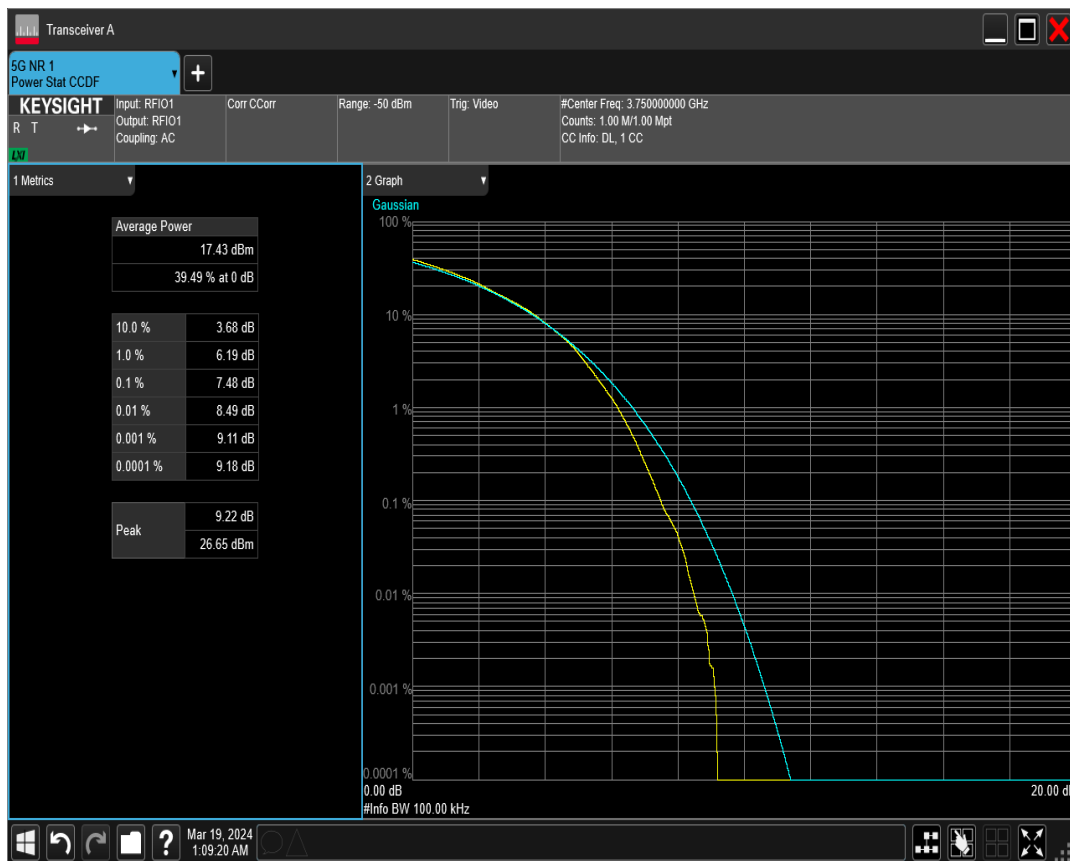
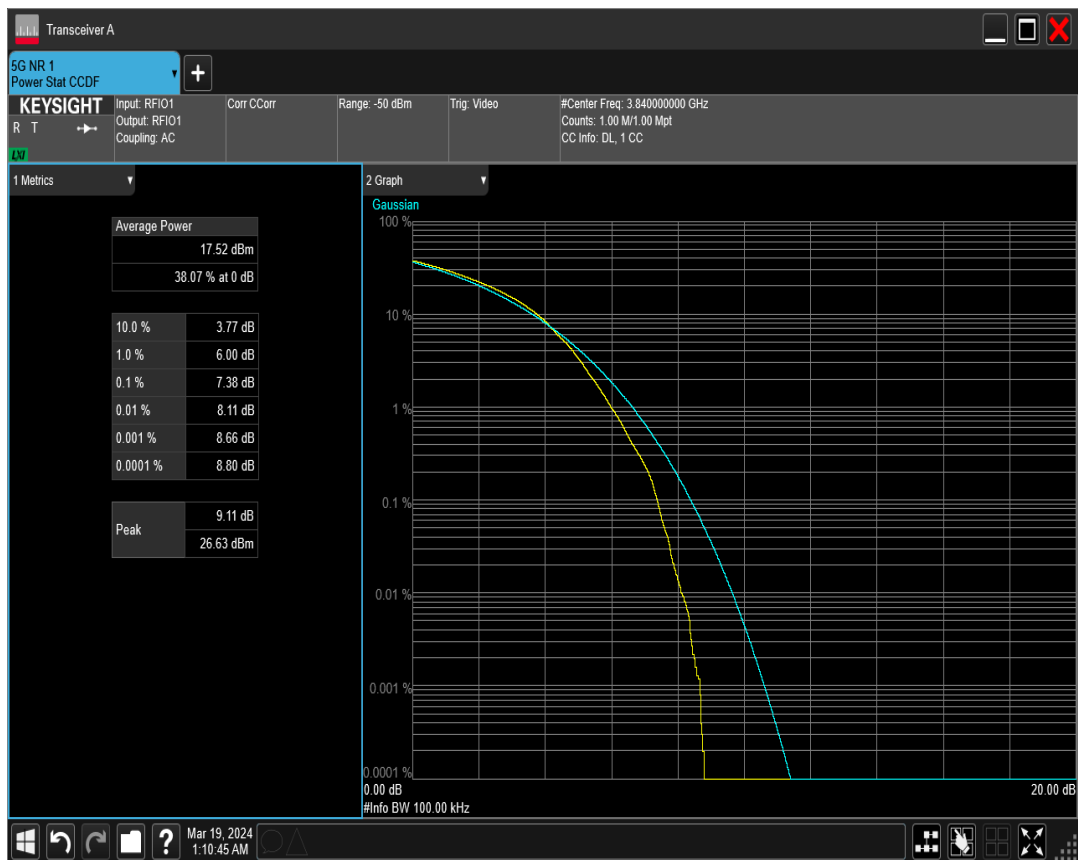
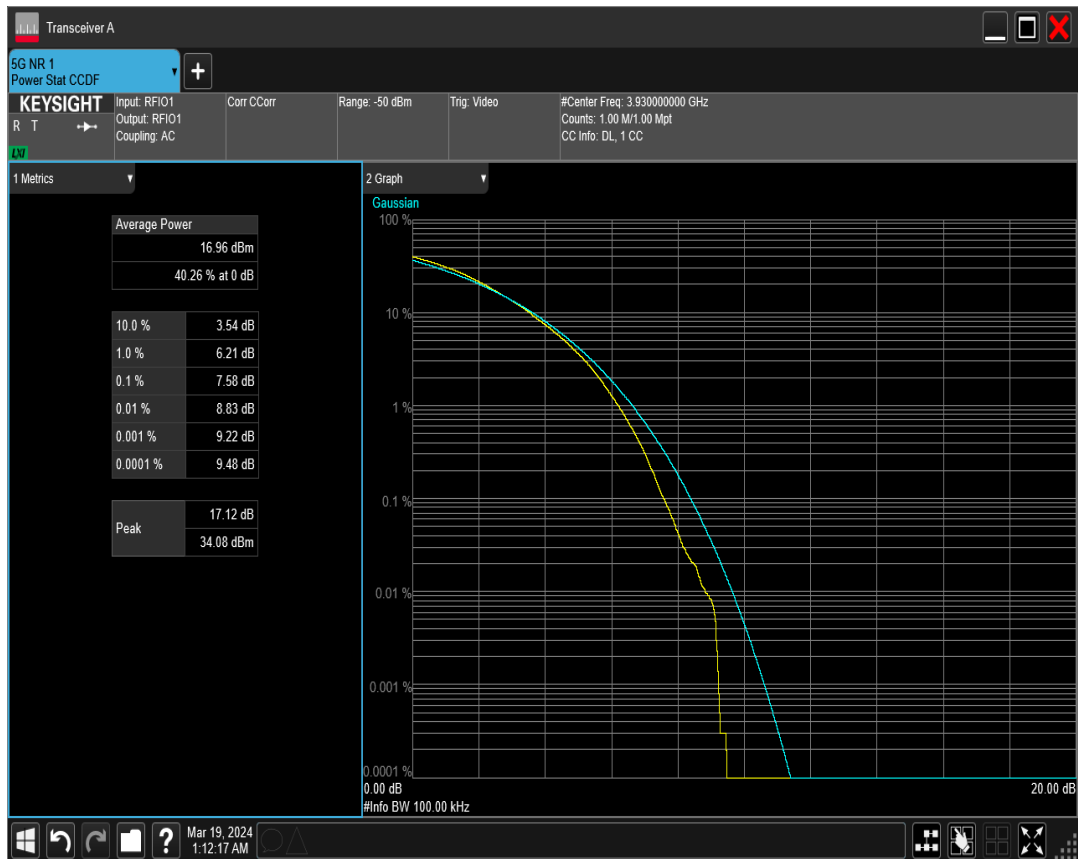




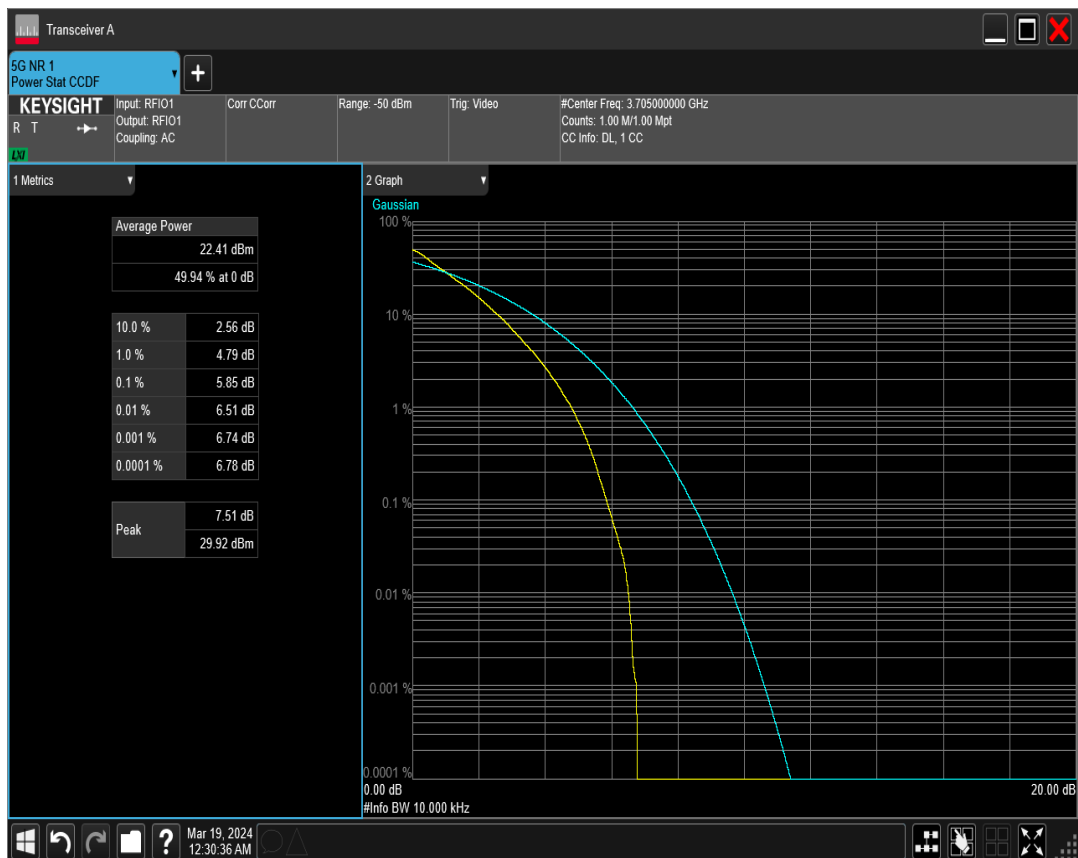
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



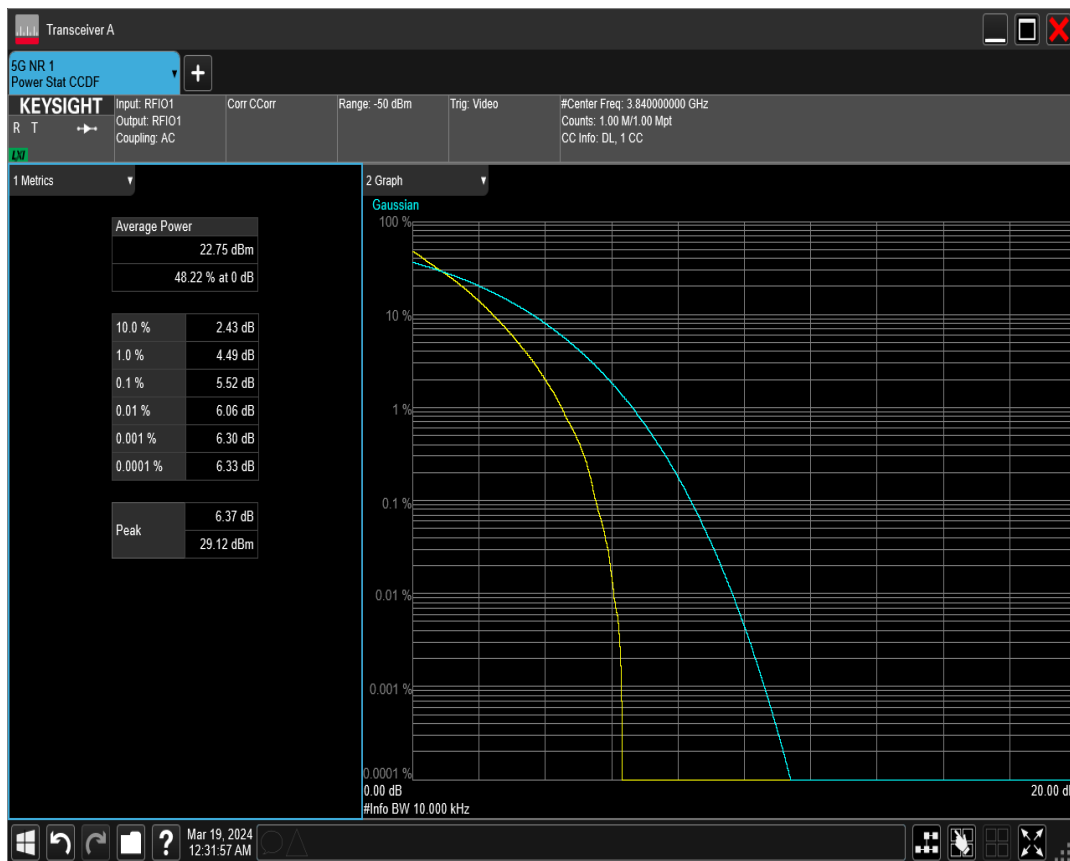
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0



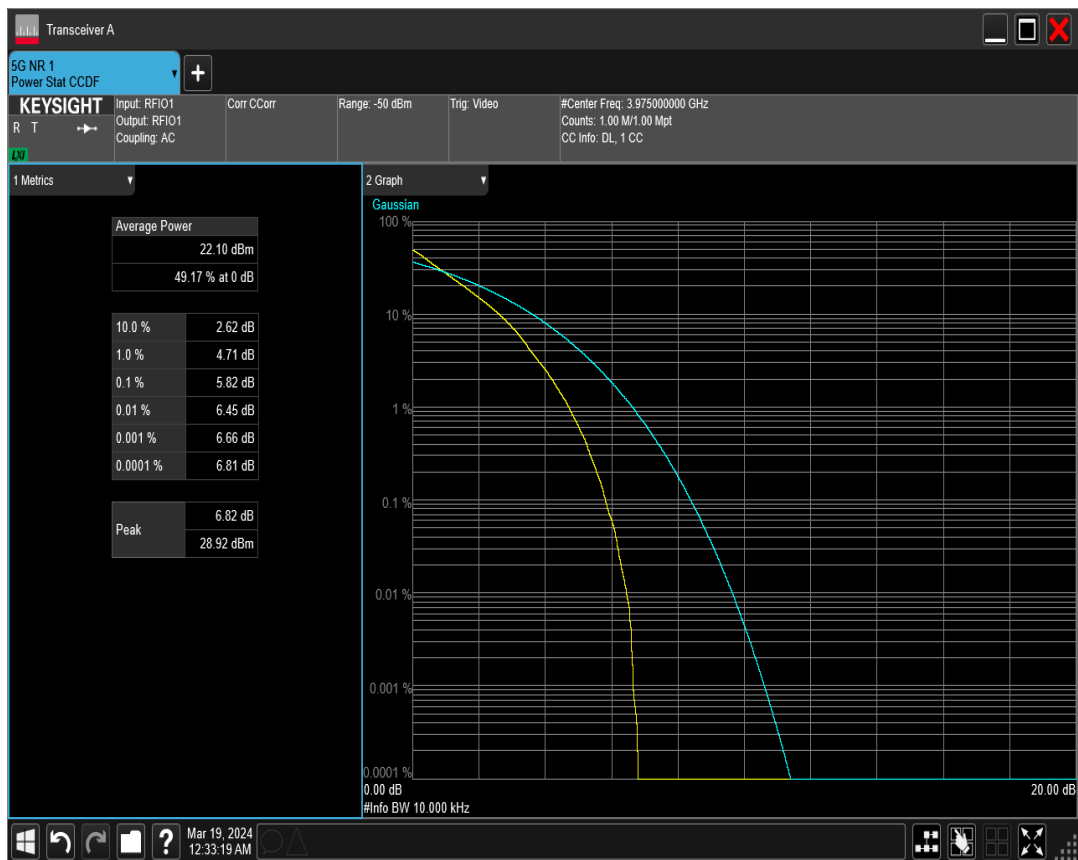
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



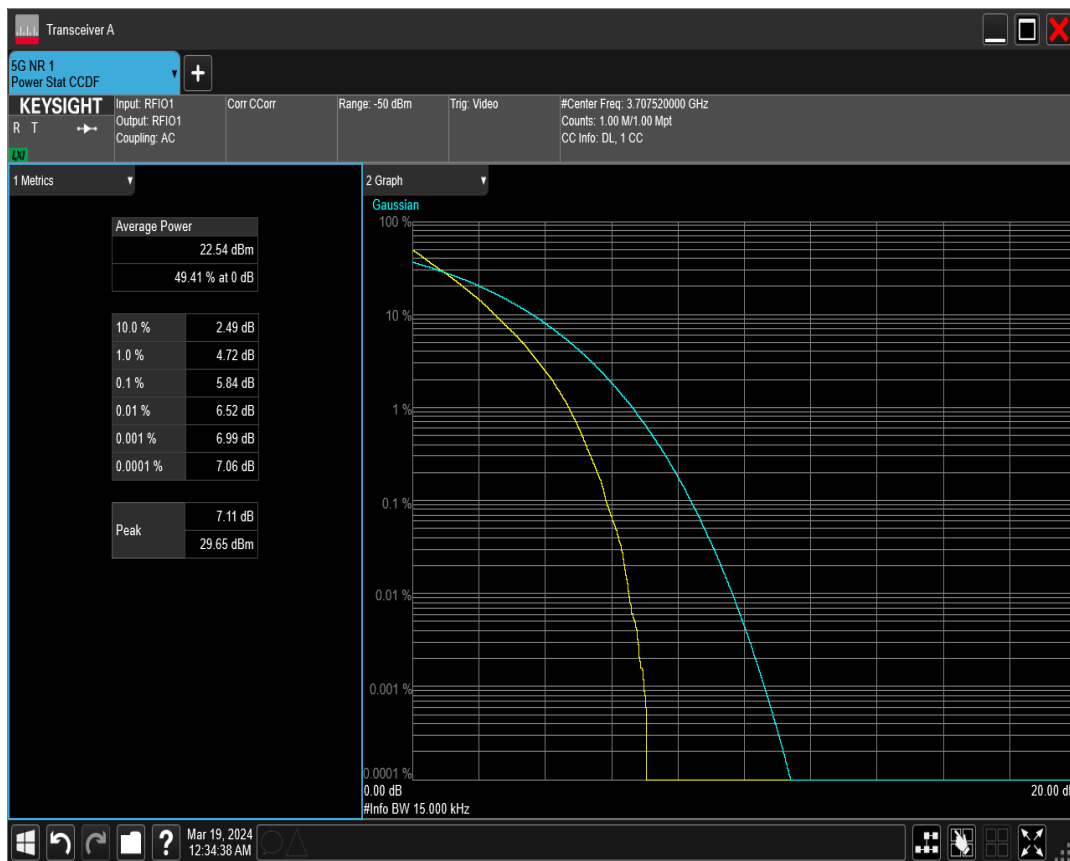
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



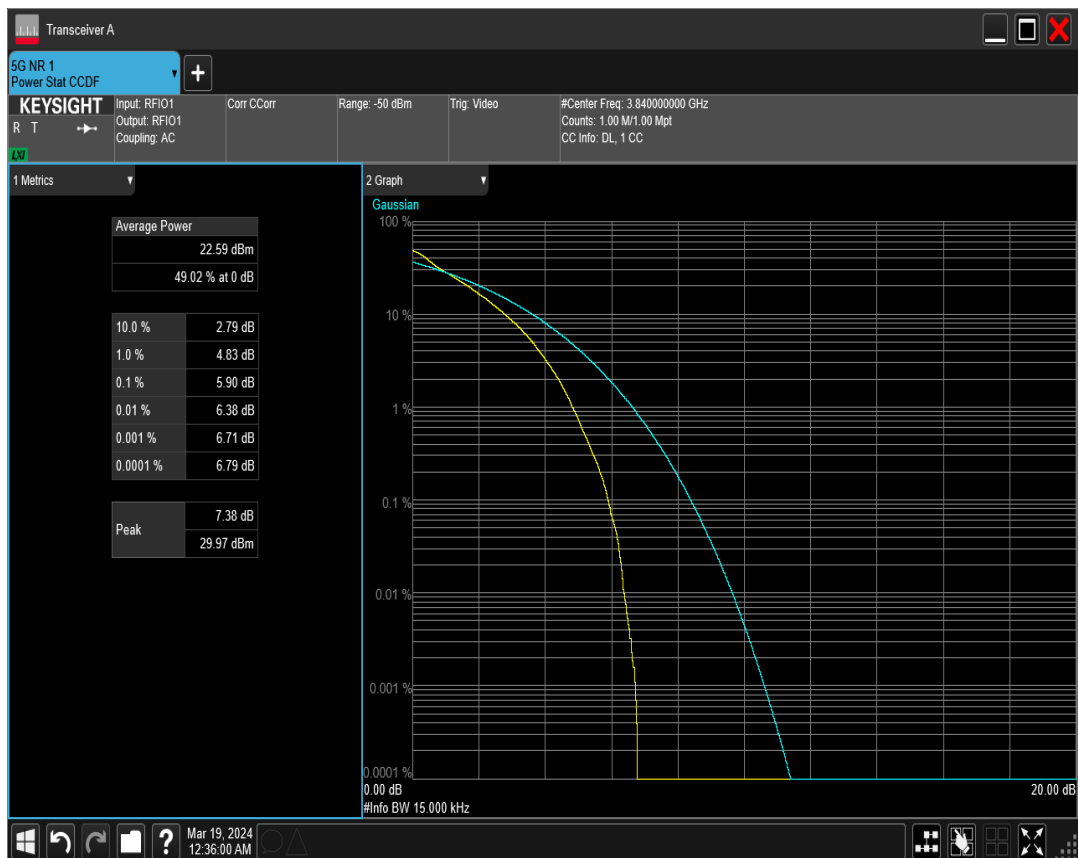
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



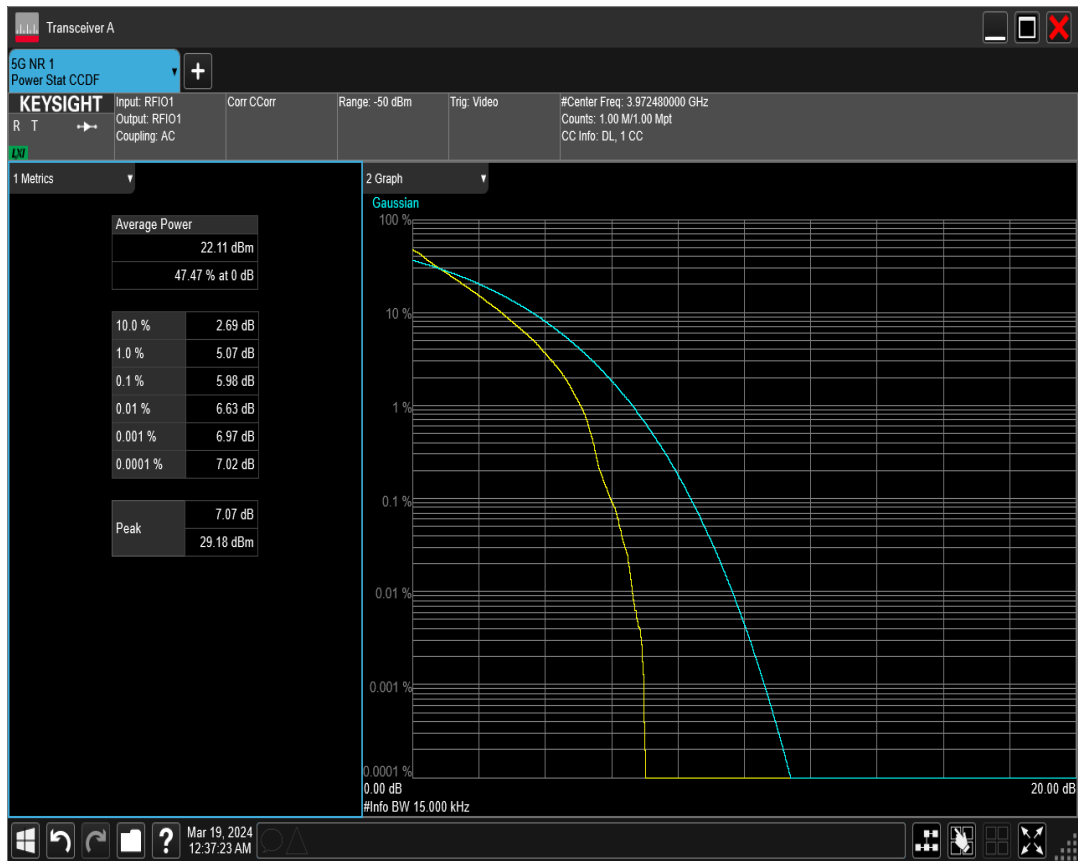
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=647168 RB=36@0



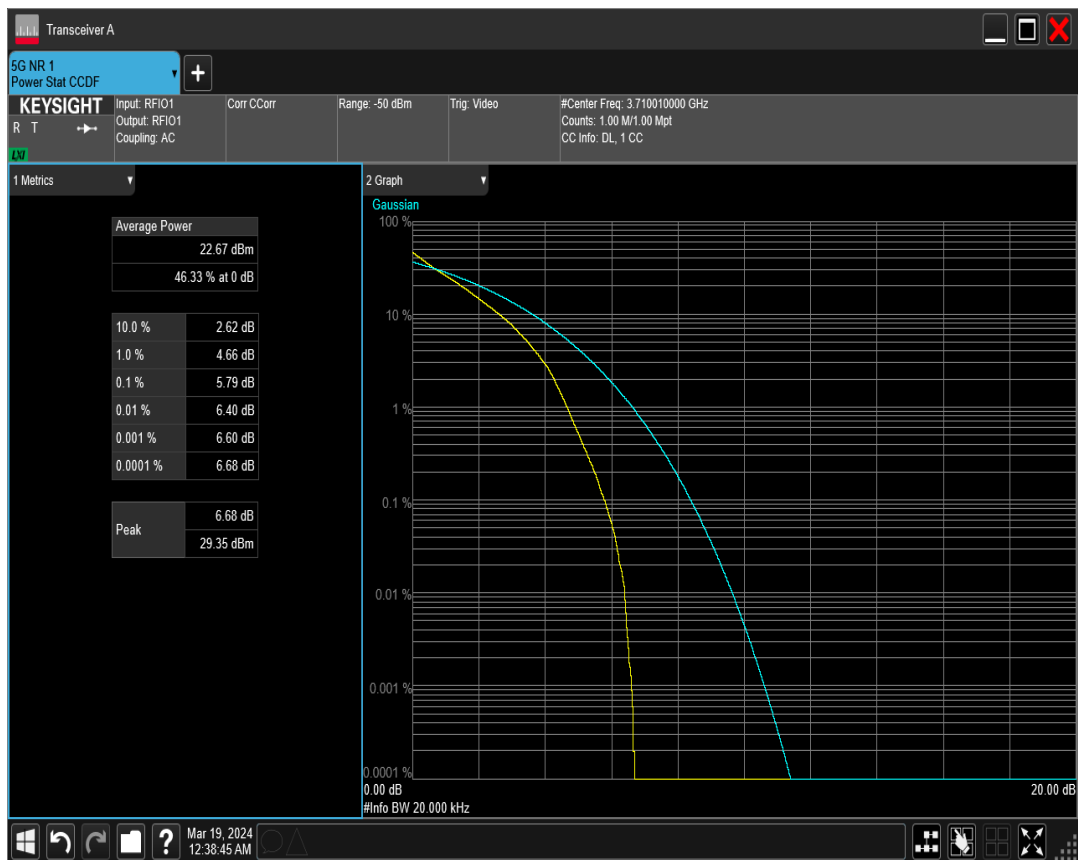
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



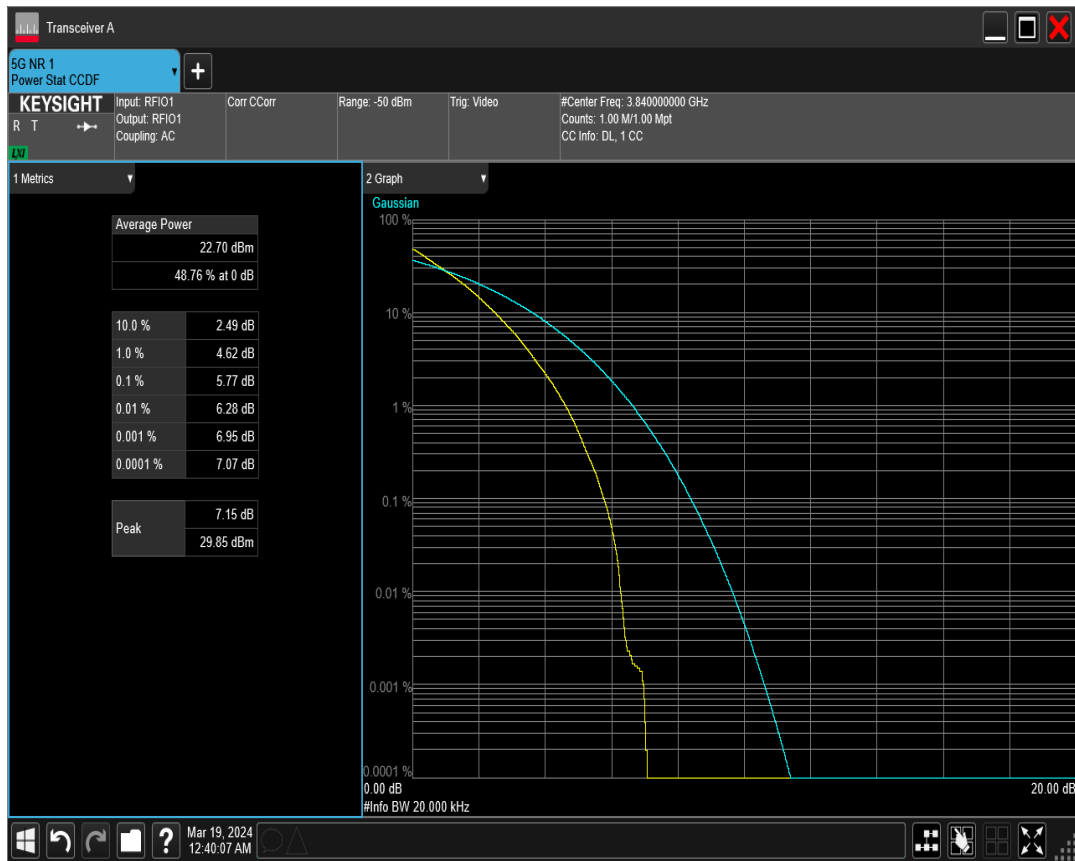
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=664832 RB=36@0



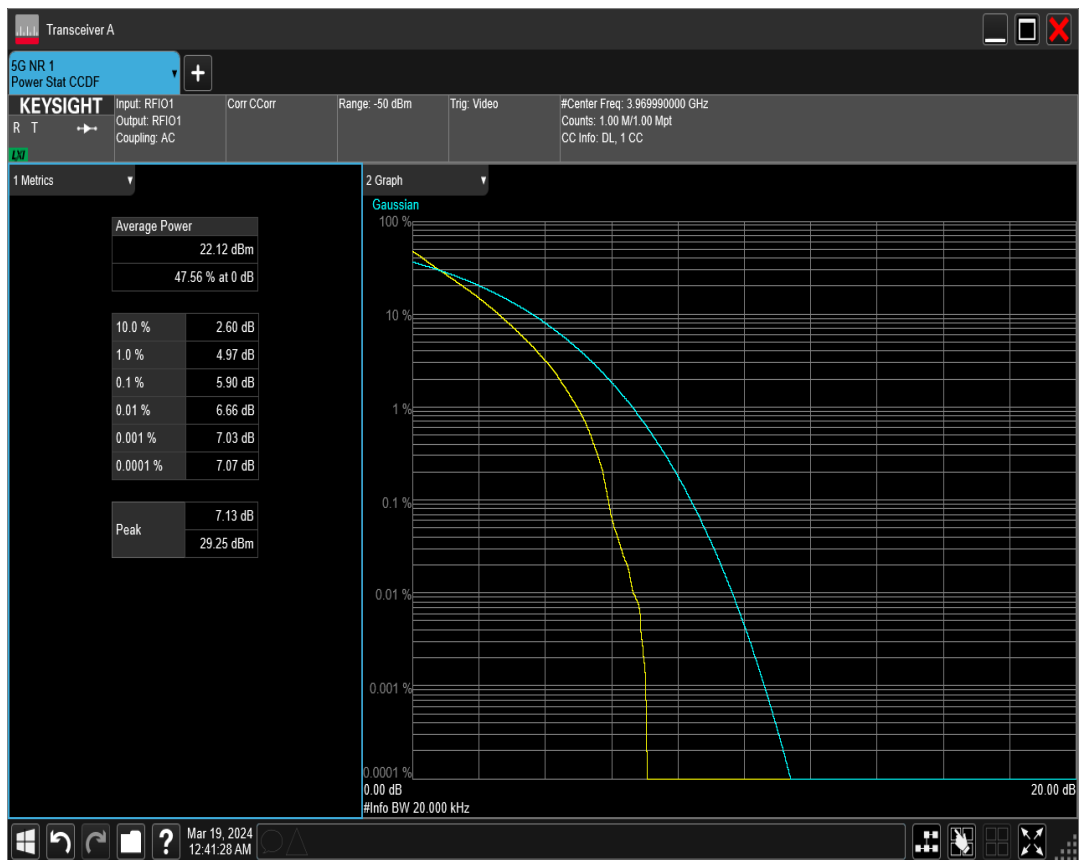
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0



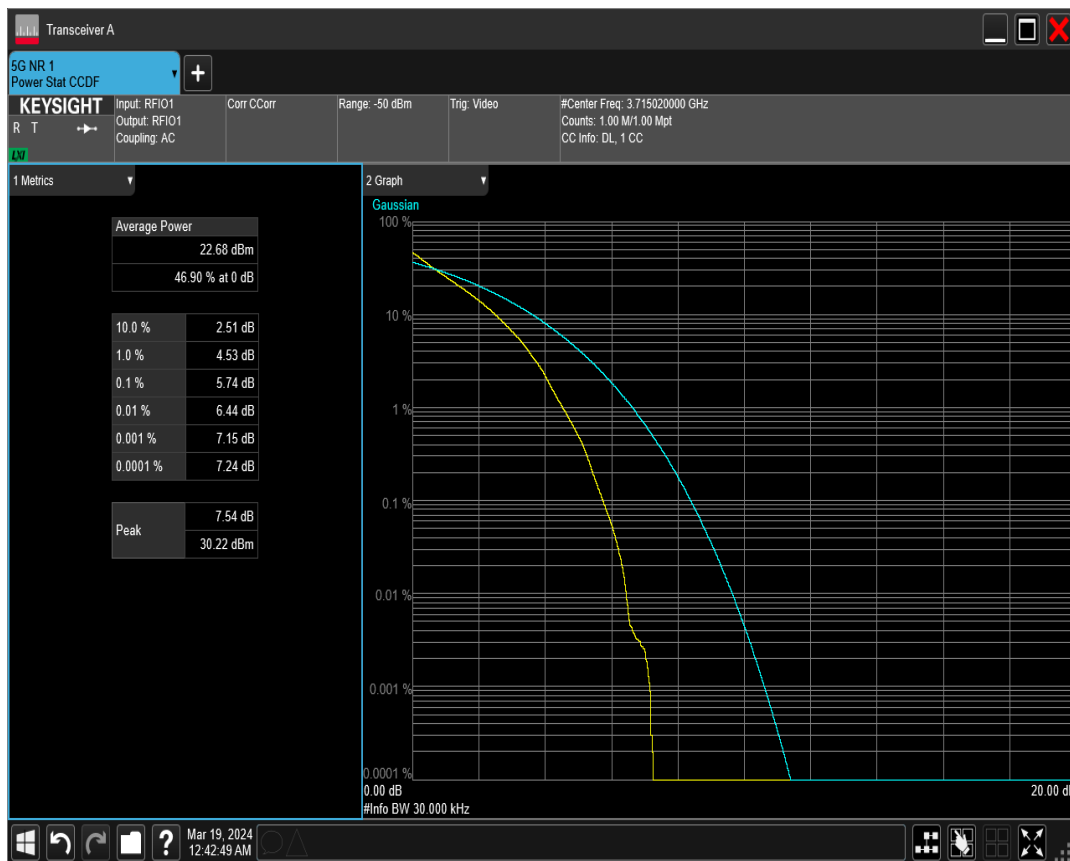
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



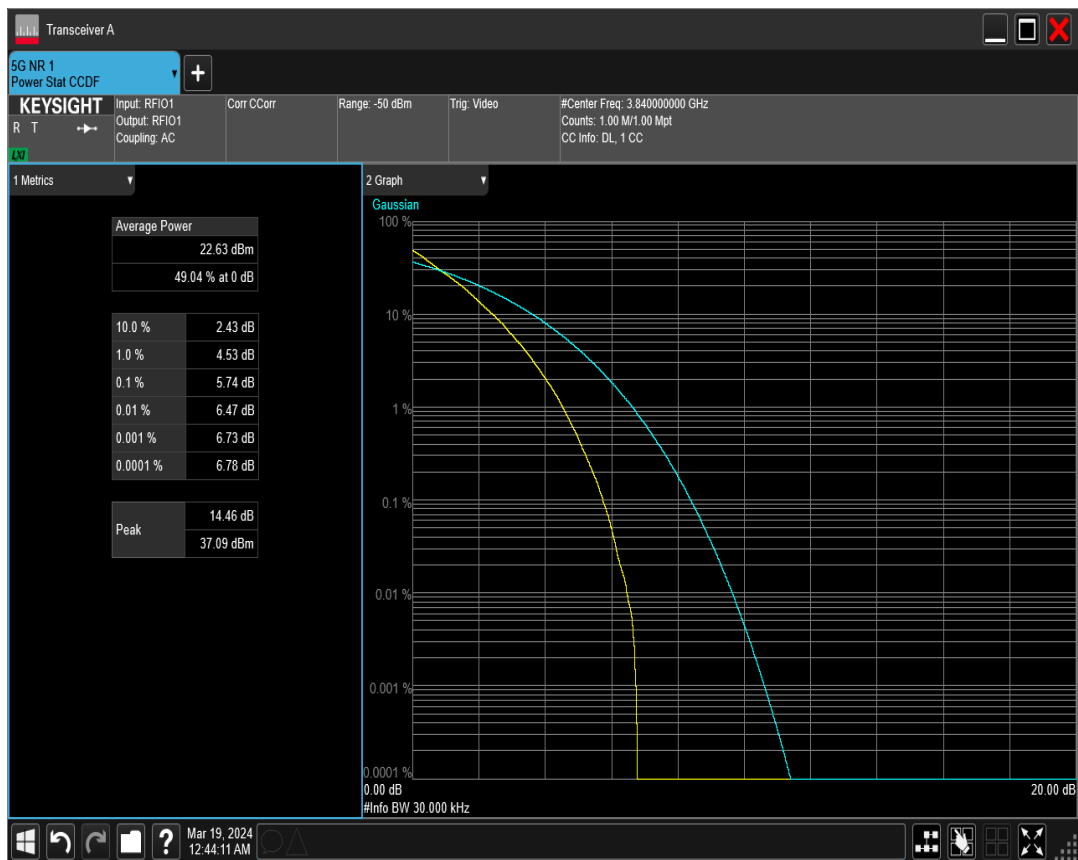
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=664666 RB=50@0



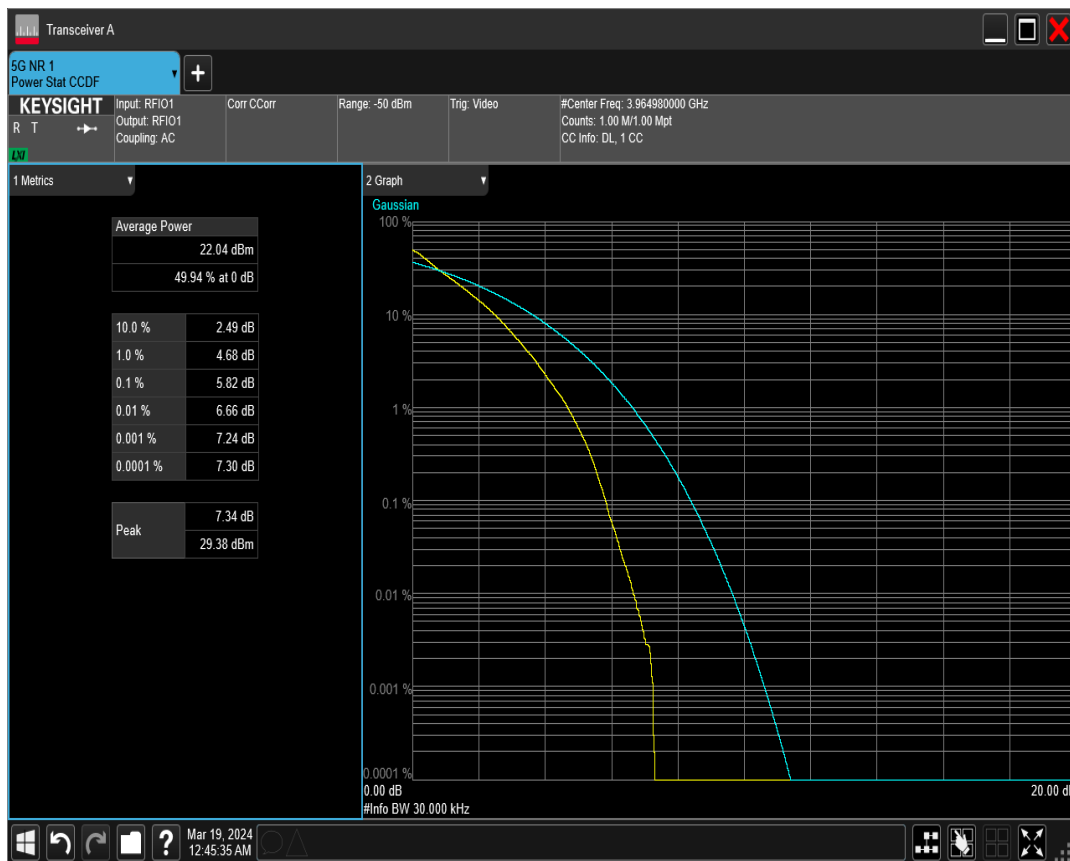
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=647668 RB=75@0



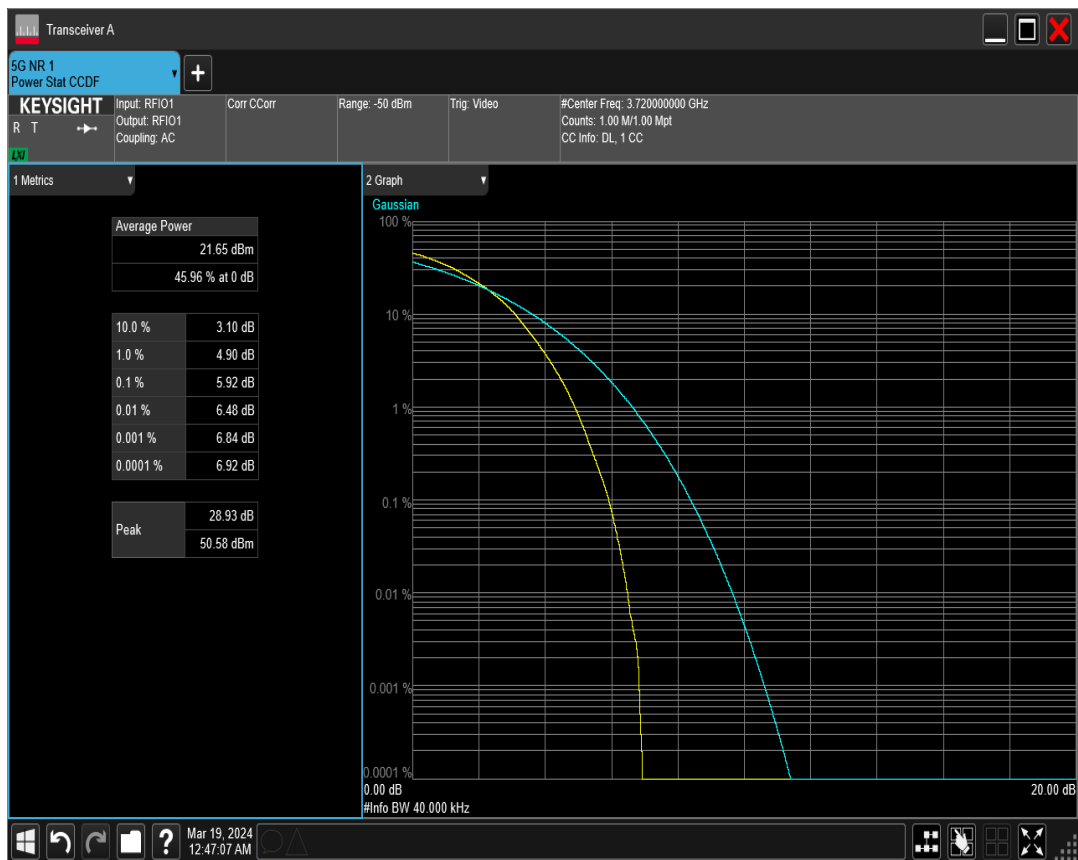
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



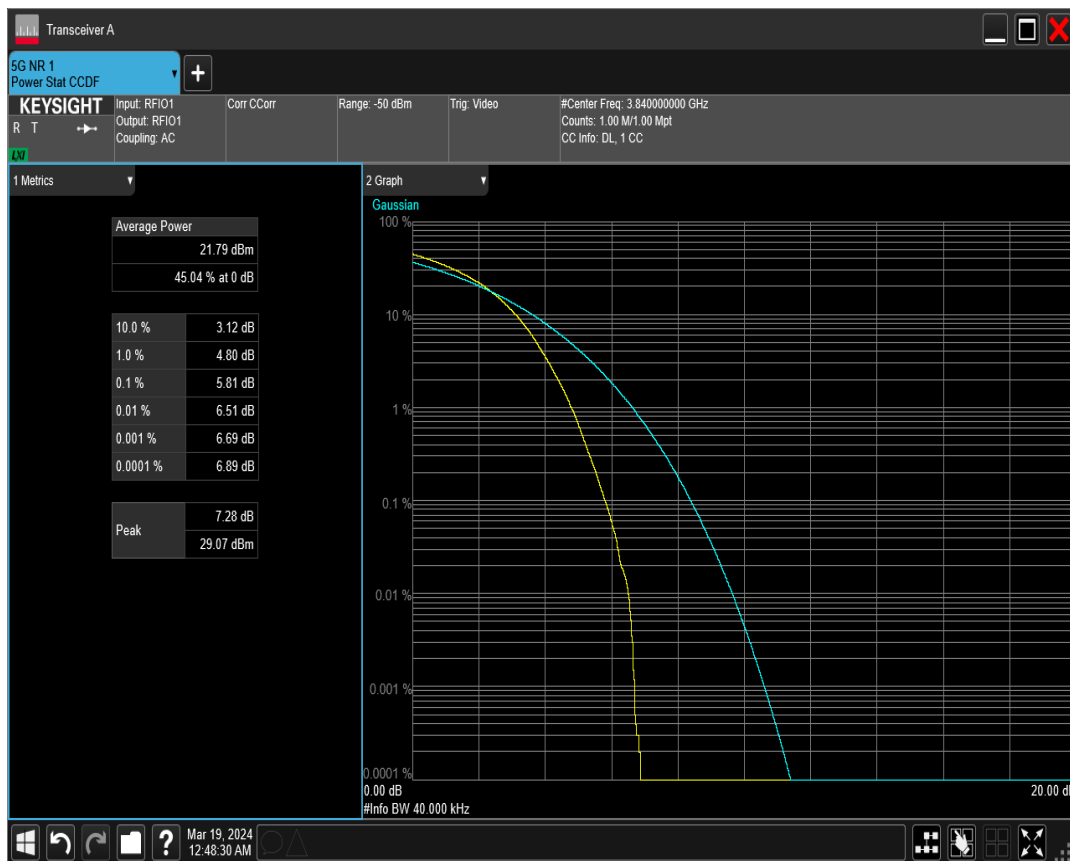
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=664332 RB=75@0



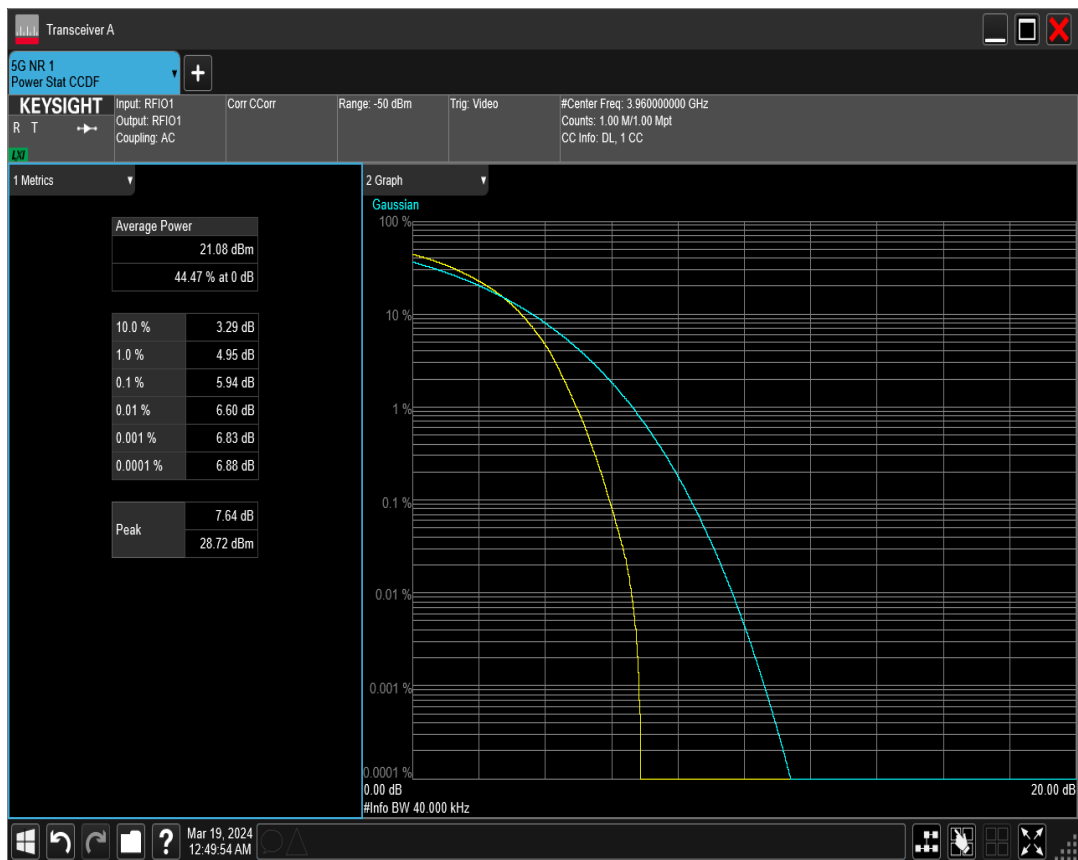
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=648000 RB=100@0



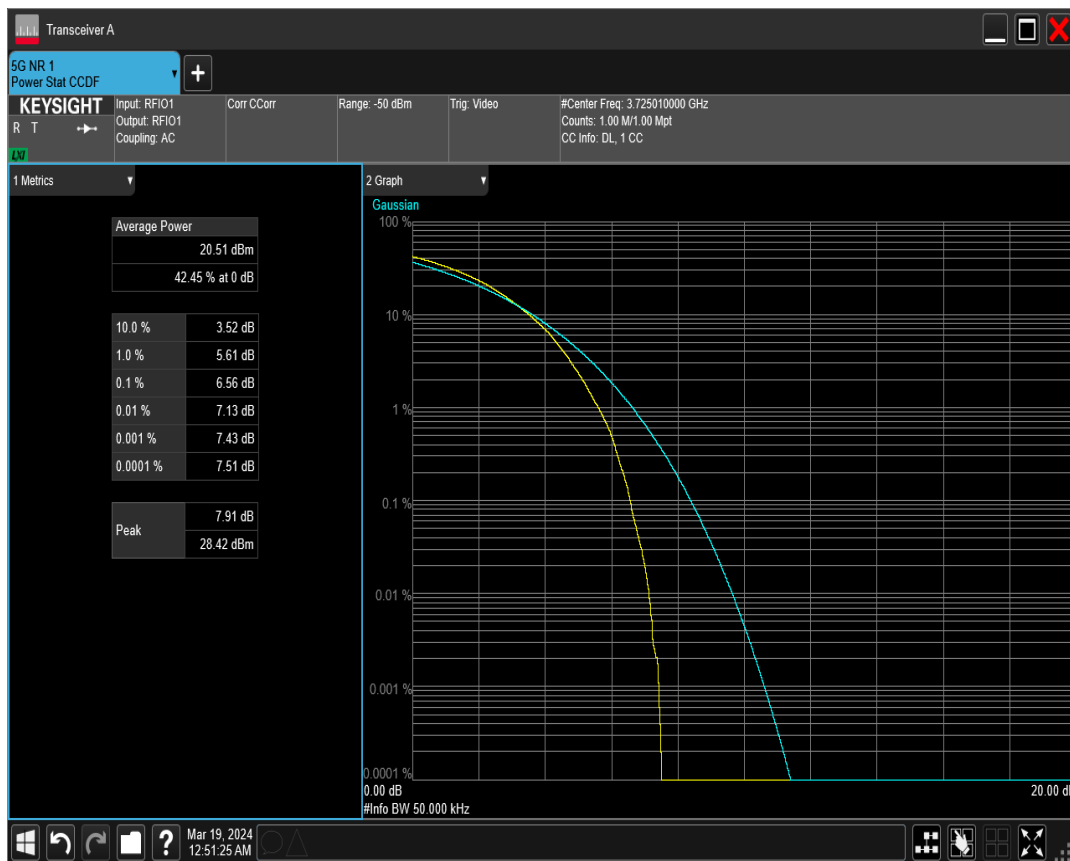
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=656000 RB=100@0



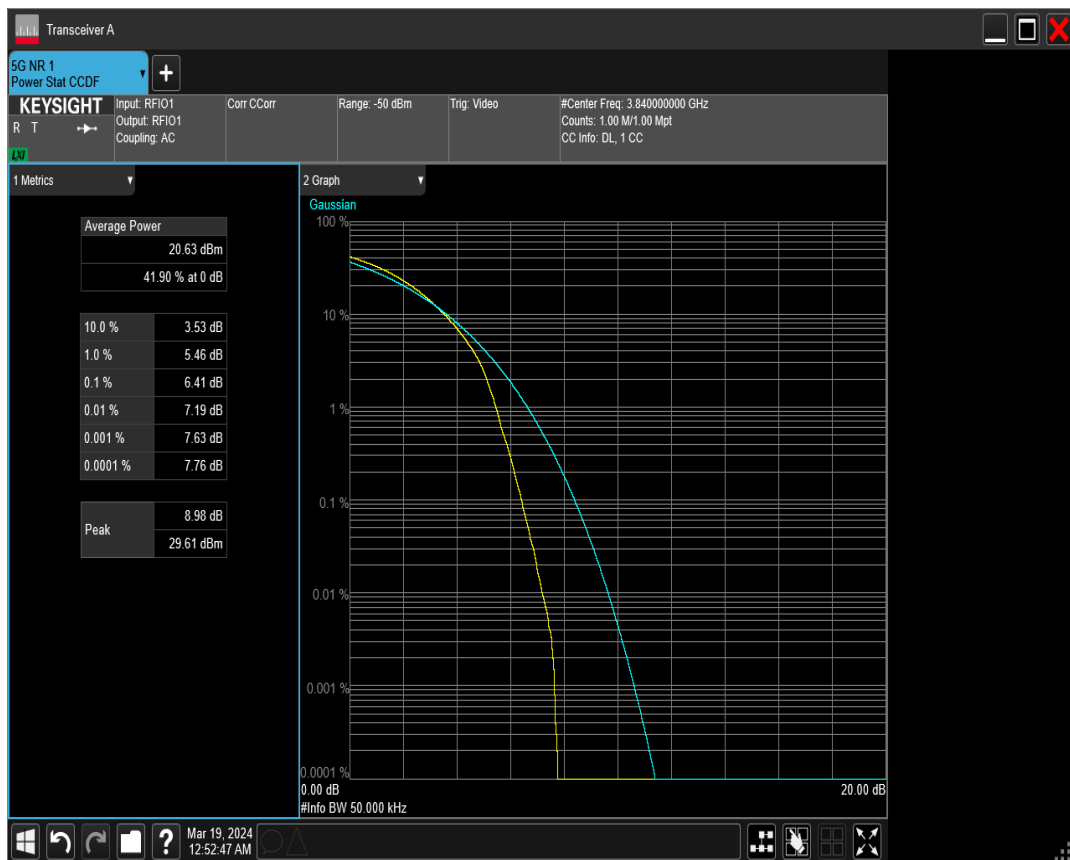
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=664000 RB=100@0



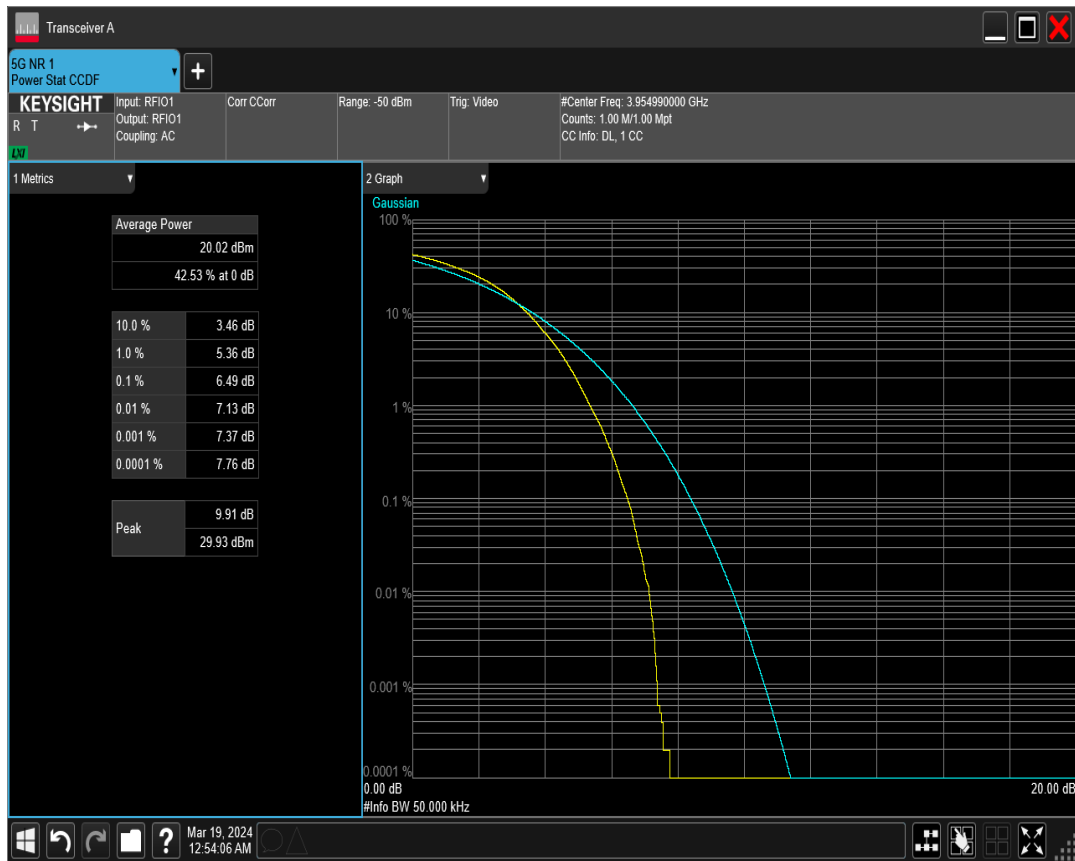
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=648334 RB=128@0



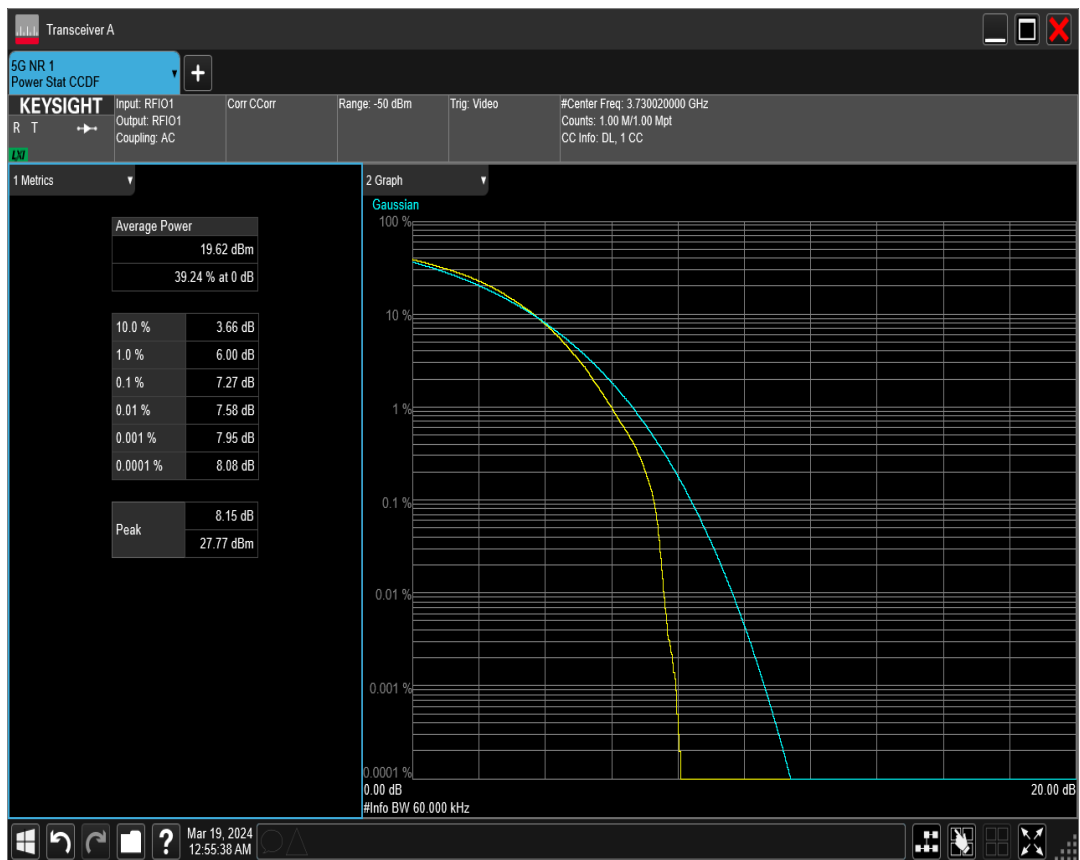
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



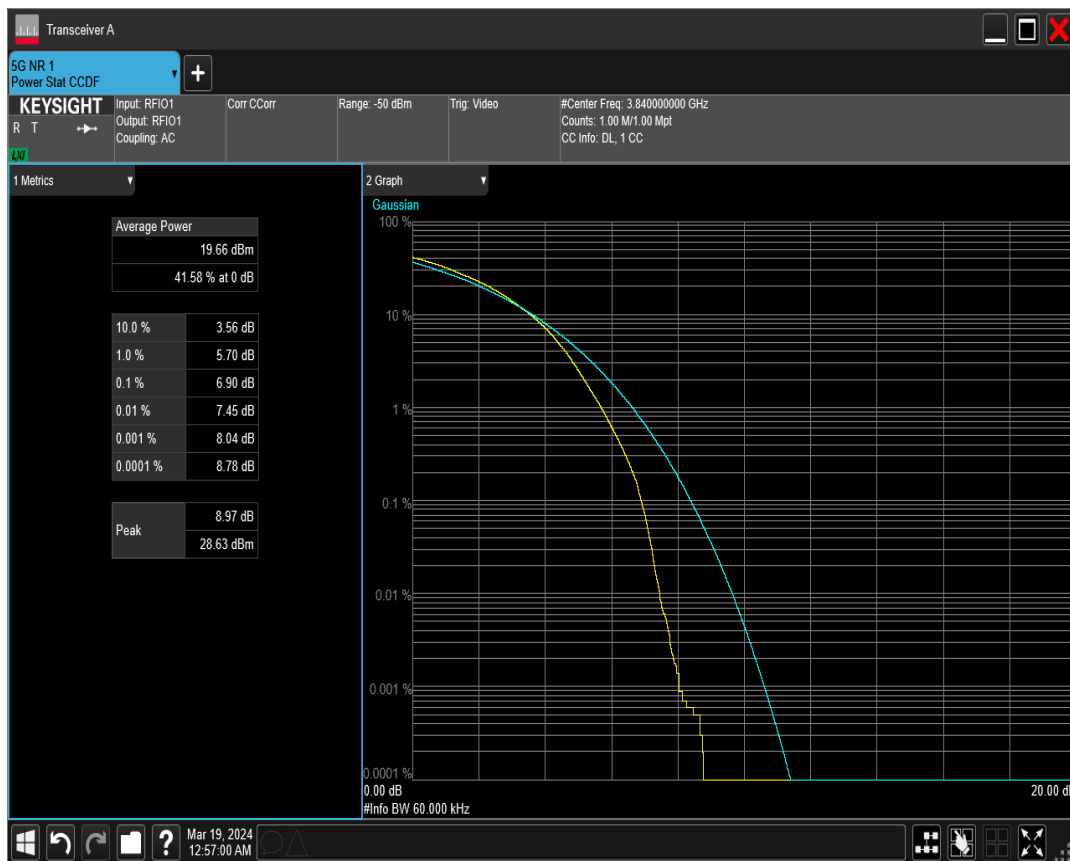
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=663666 RB=128@0



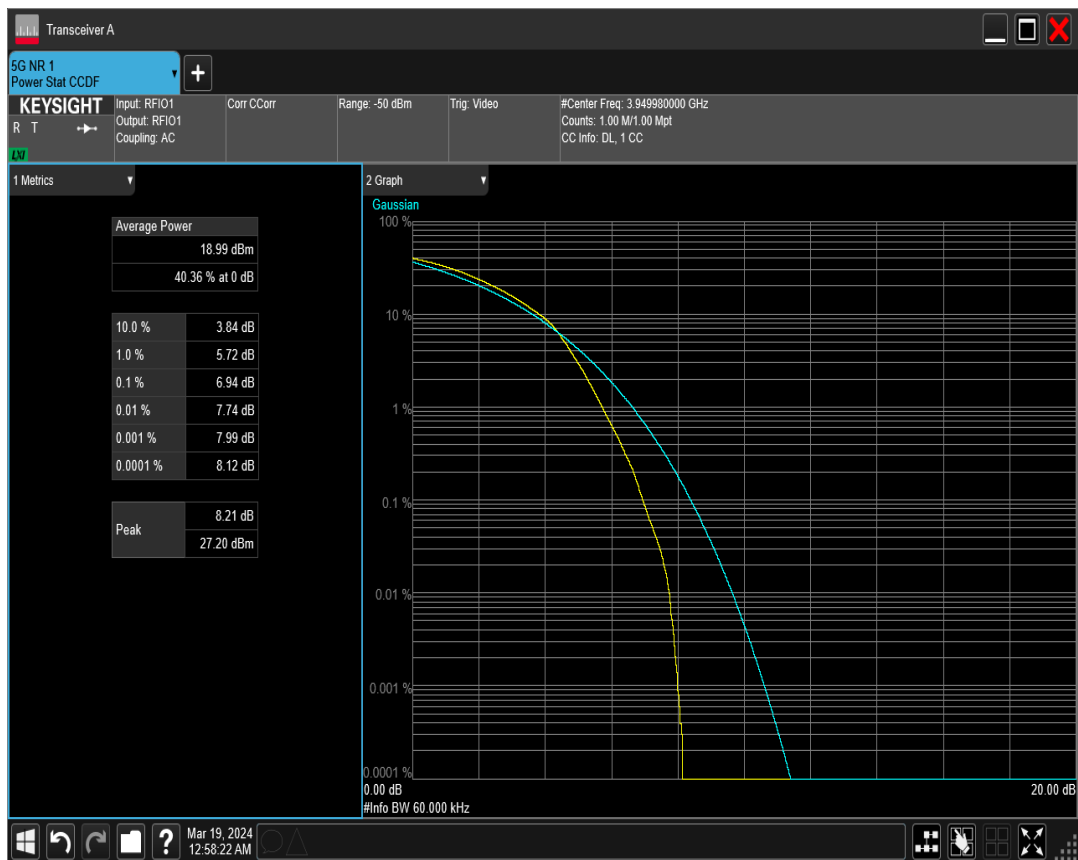
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=648668 RB=162@0



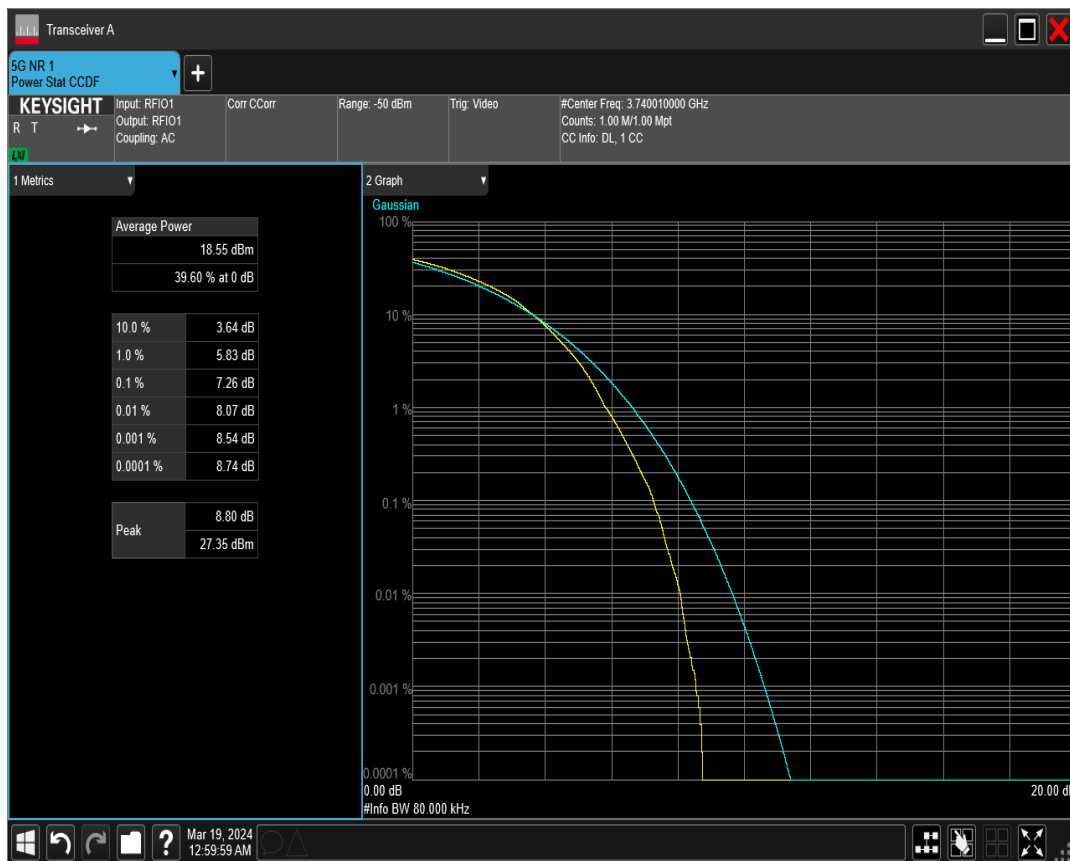
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



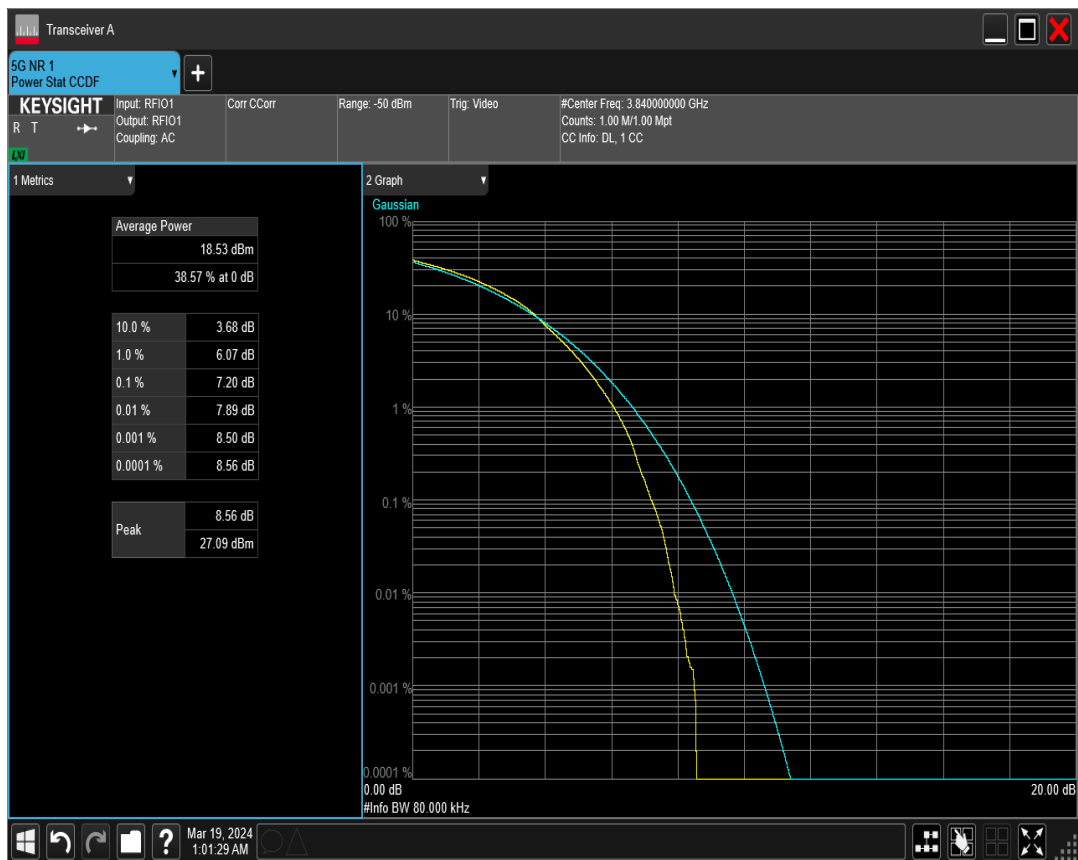
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=663332 RB=162@0



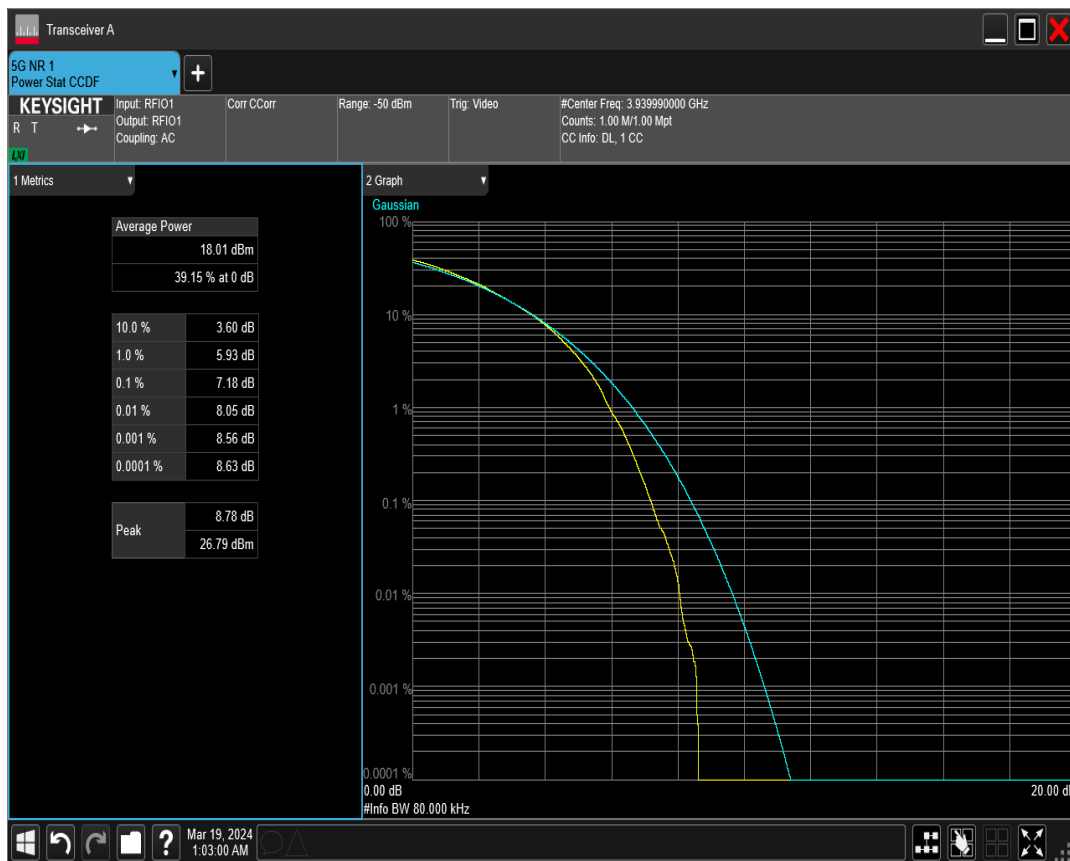
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=649334 RB=216@0



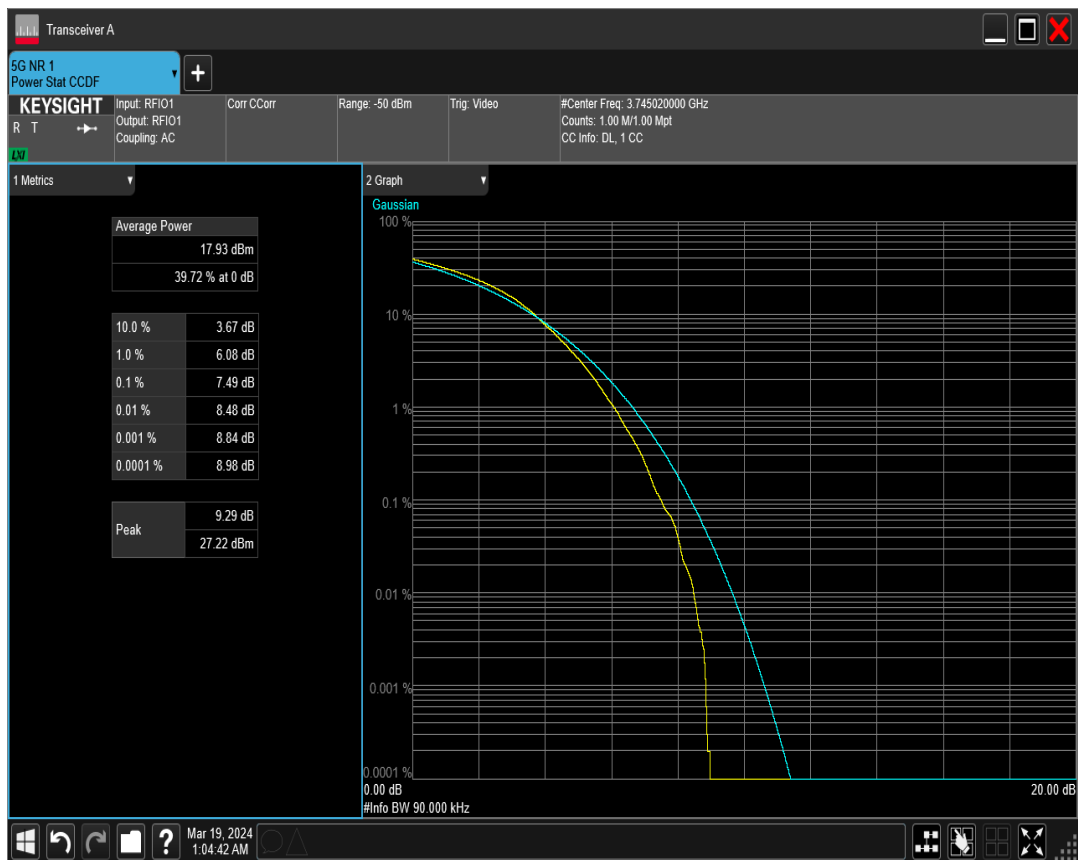
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



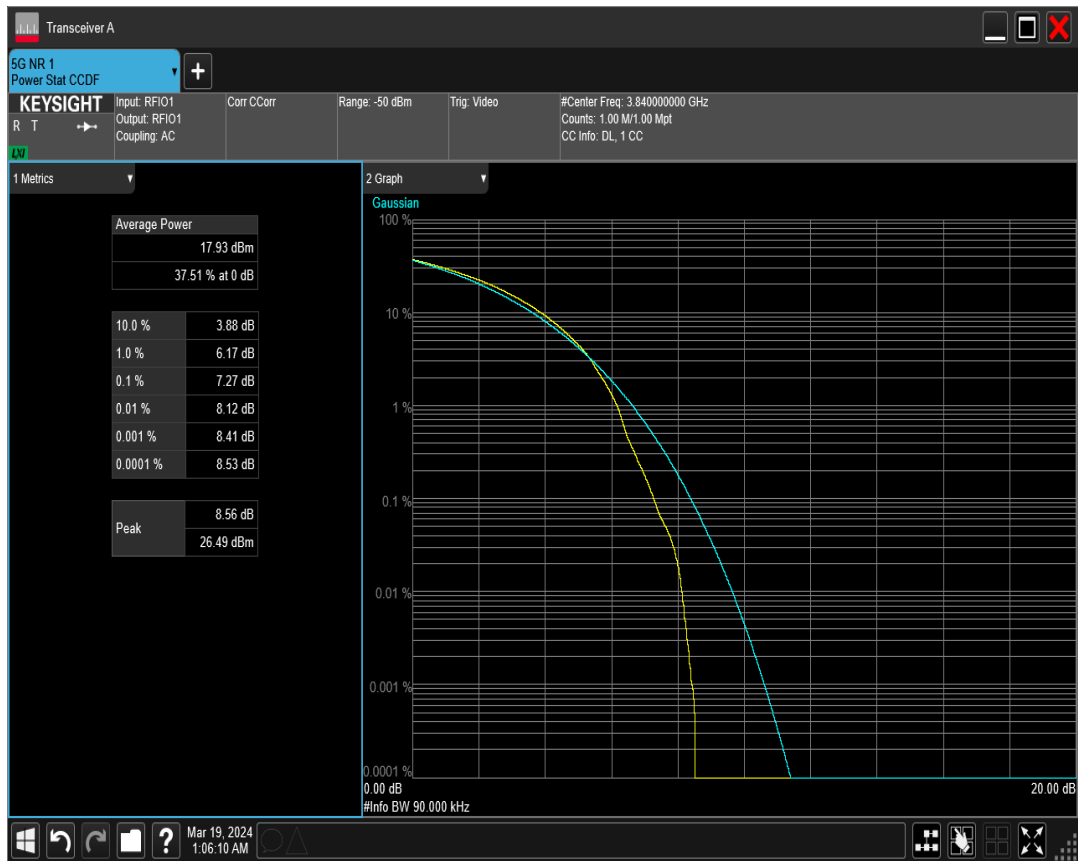
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=662666 RB=216@0



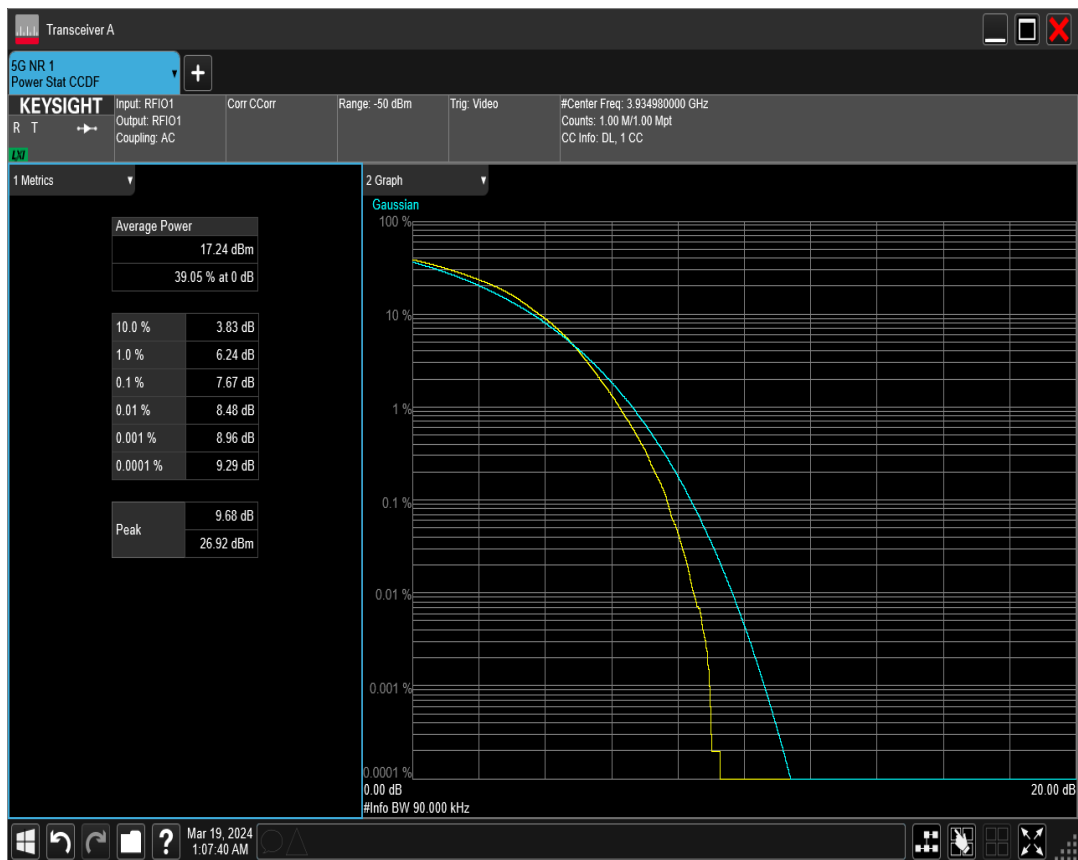
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=649668 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=662332 RB=240@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.540	8.950	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.570	8.960	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.560	8.900	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.540	8.950	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.550	8.970	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.460	13.230	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.470	13.290	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.500	13.230	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.400	13.160	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.440	13.190	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.080	18.250	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	17.990	18.260	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	17.960	18.230	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.060	18.250	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.000	18.350	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.520	27.330	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.520	27.390	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.540	27.370	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.480	27.350	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.540	27.350	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.500	36.340	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.460	36.280	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.410	36.300	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.470	36.310	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.400	36.270	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.020	46.370	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	46.950	46.460	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	46.960	46.400	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	46.880	46.370	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	46.830	46.380	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	57.760	58.650	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	57.780	58.640	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	57.690	58.640	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	57.780	58.720	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.710	58.630	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.020	78.040	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	76.950	78.150	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.030	78.070	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	76.950	78.130	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.010	78.050	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.190	86.680	PASS

n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.320	86.790	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.330	86.740	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.300	86.700	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.290	86.720	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.160	97.440	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.140	97.510	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.170	97.450	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.140	97.560	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.290	97.570	PASS

n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0