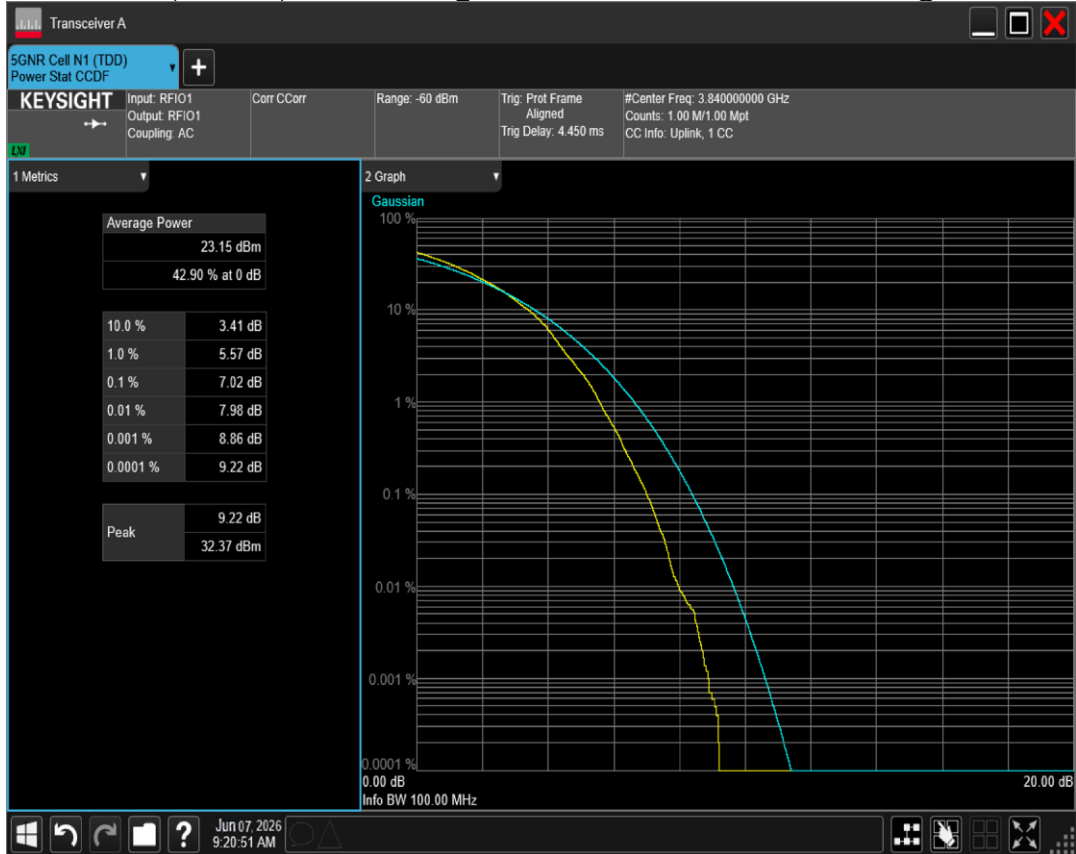
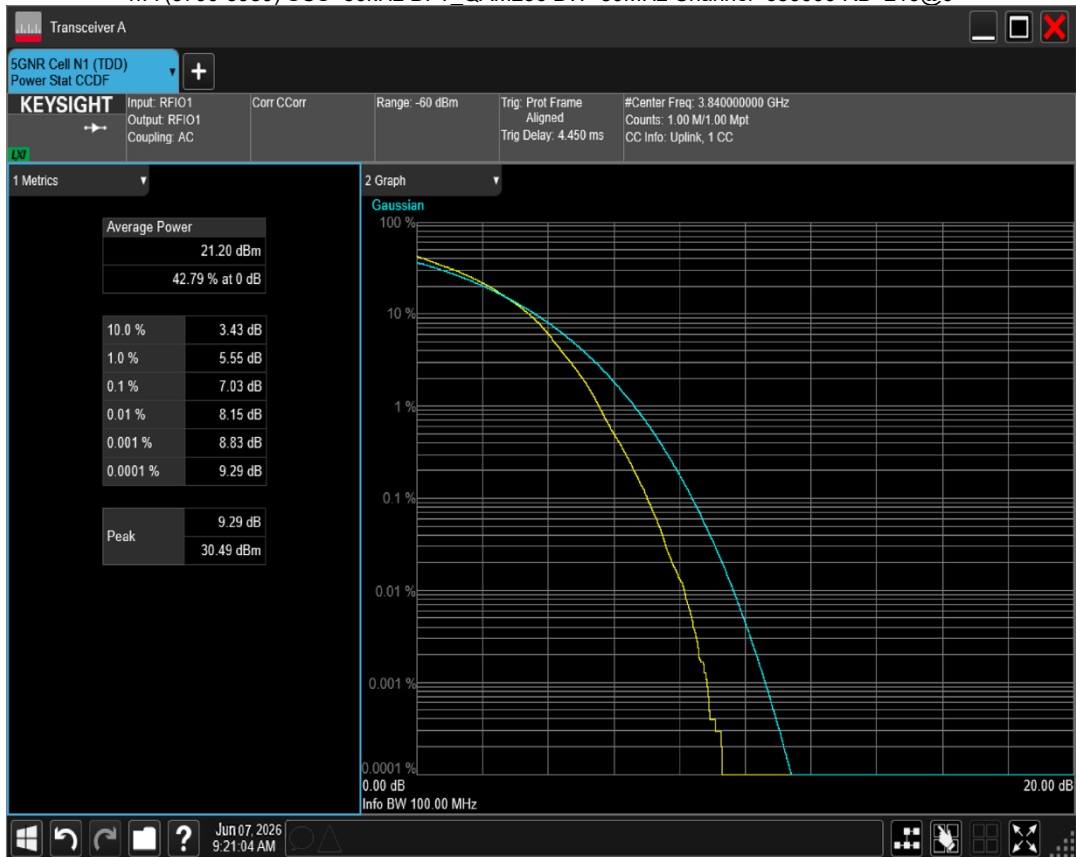


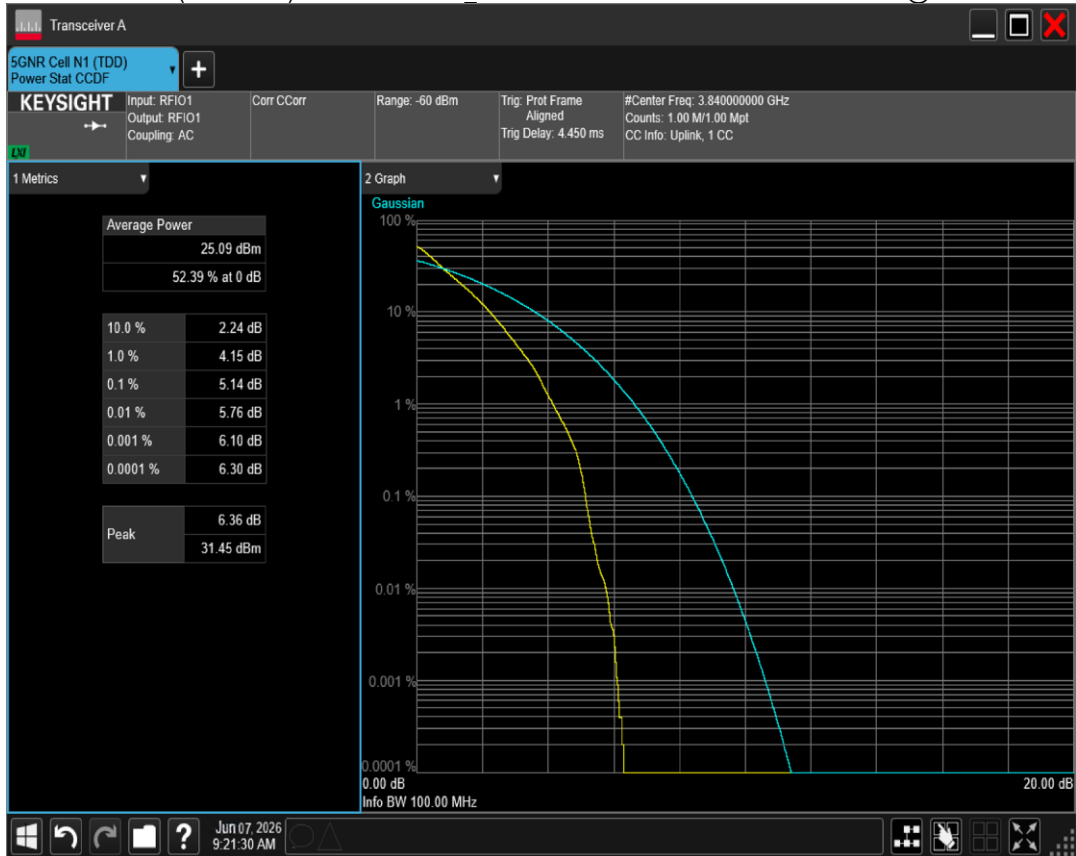
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



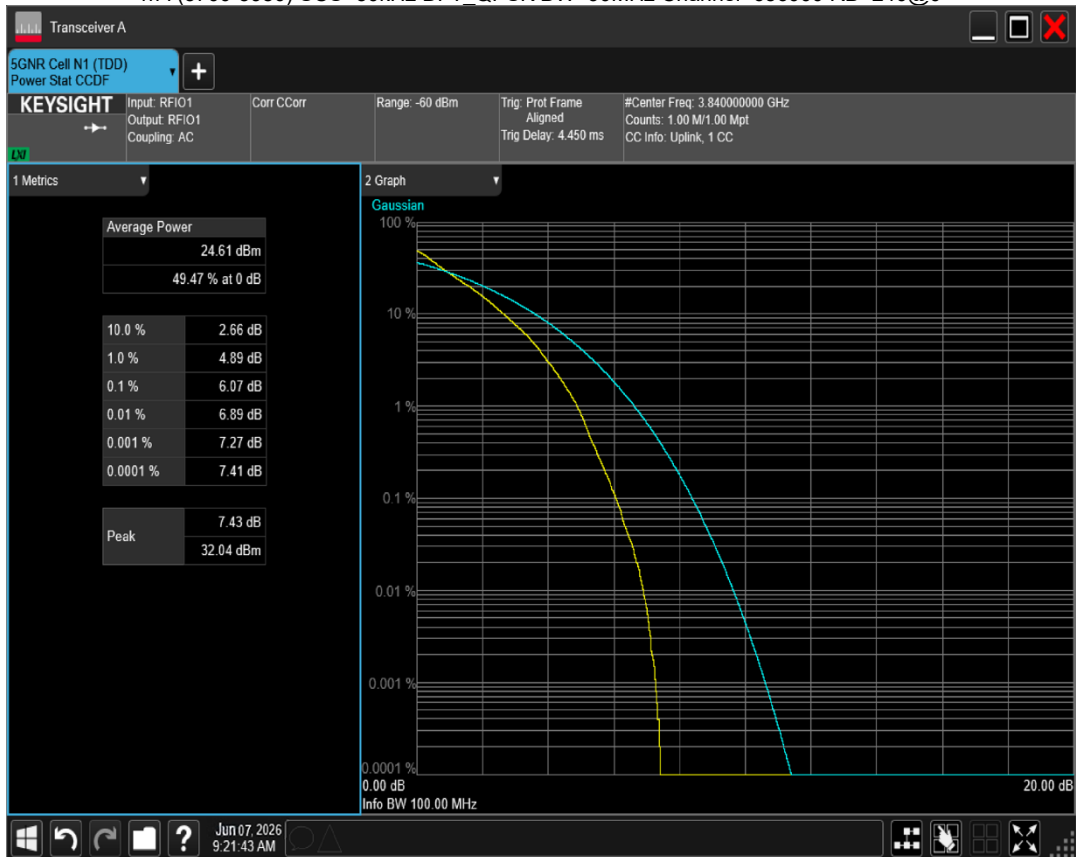
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



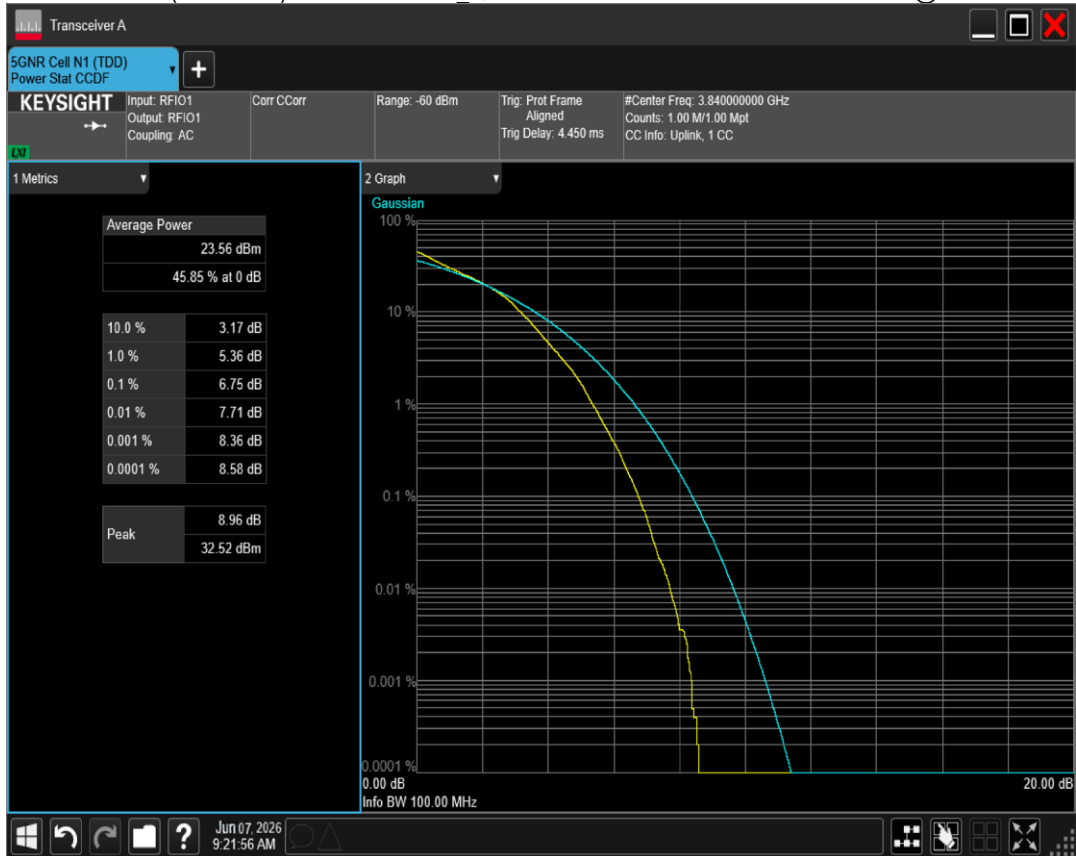
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



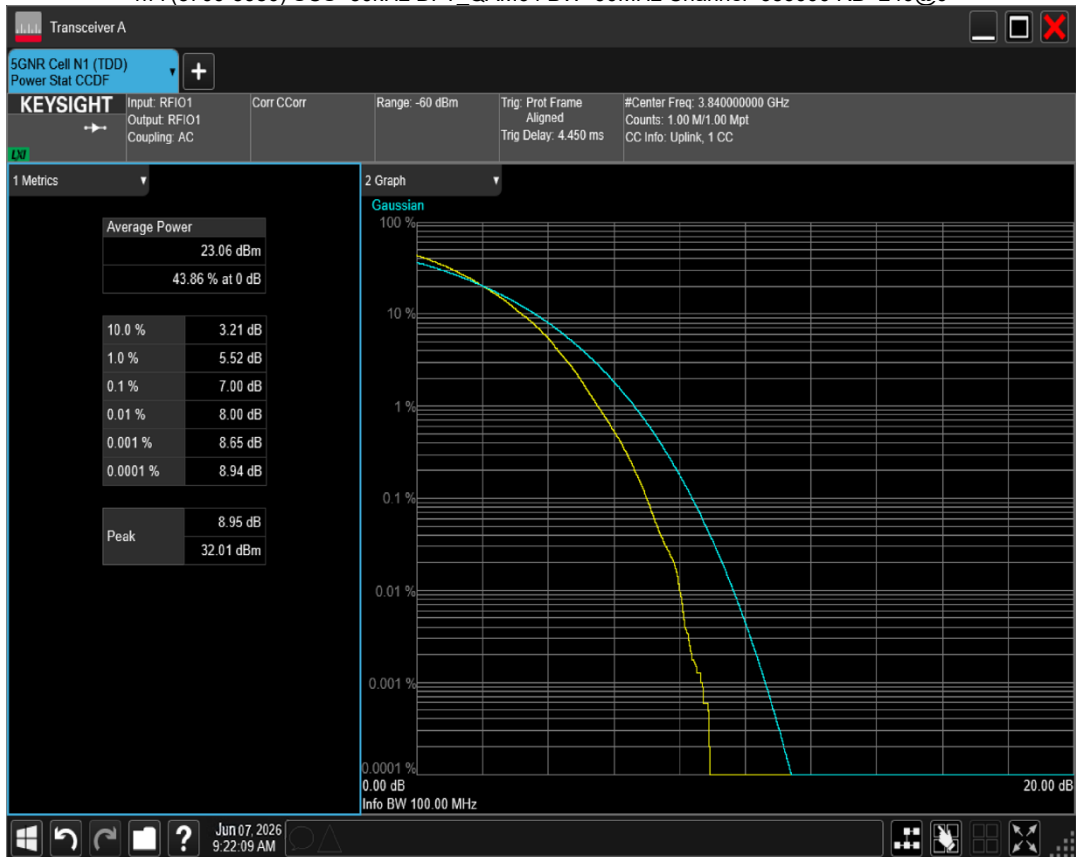
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



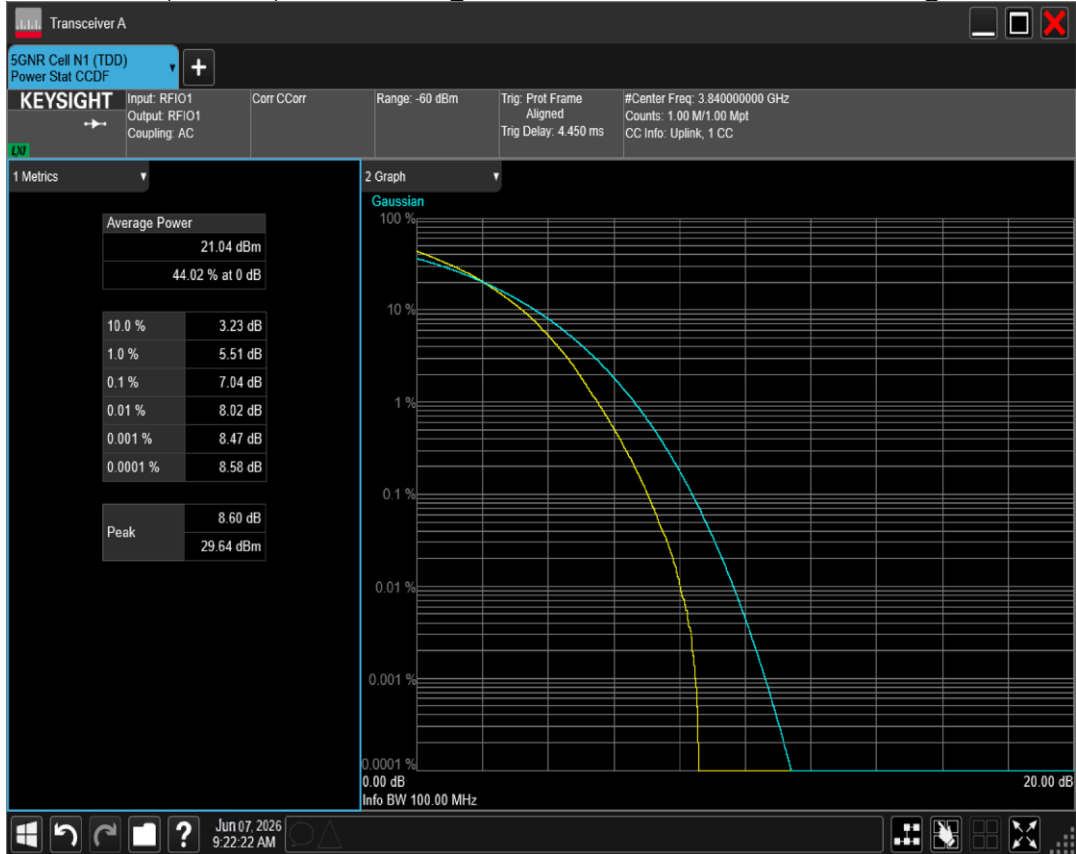
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



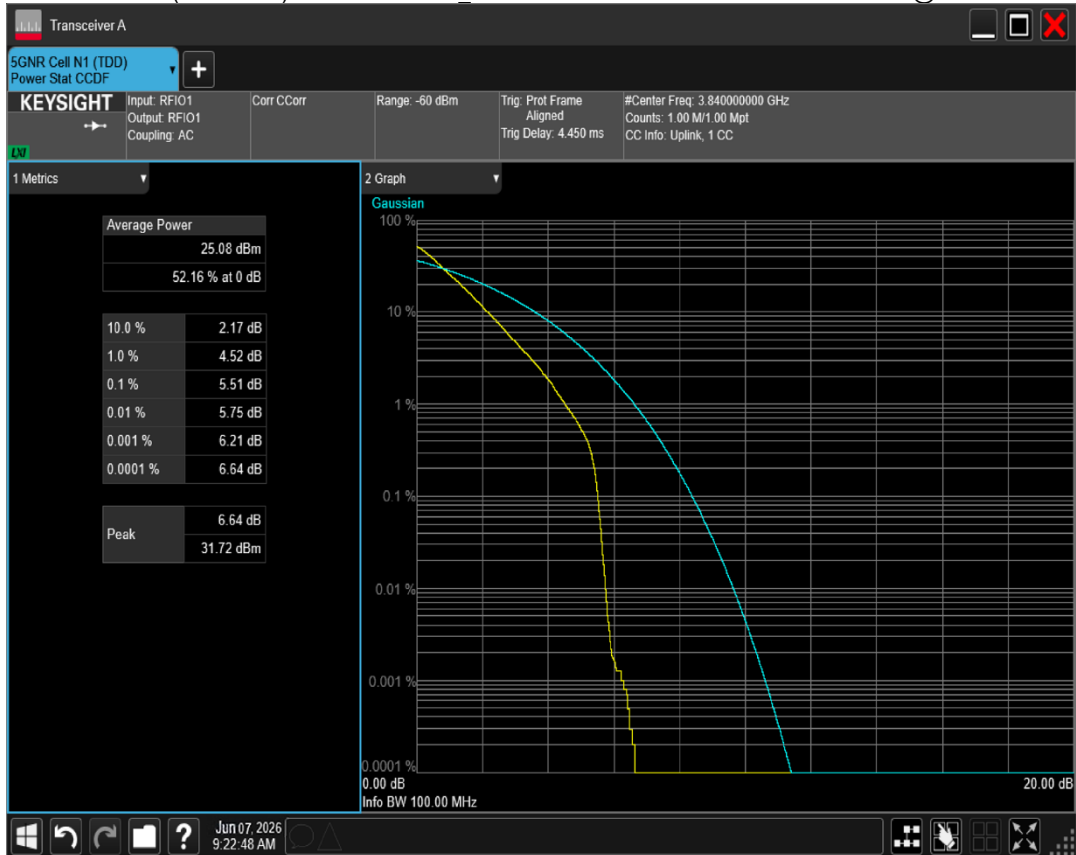
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



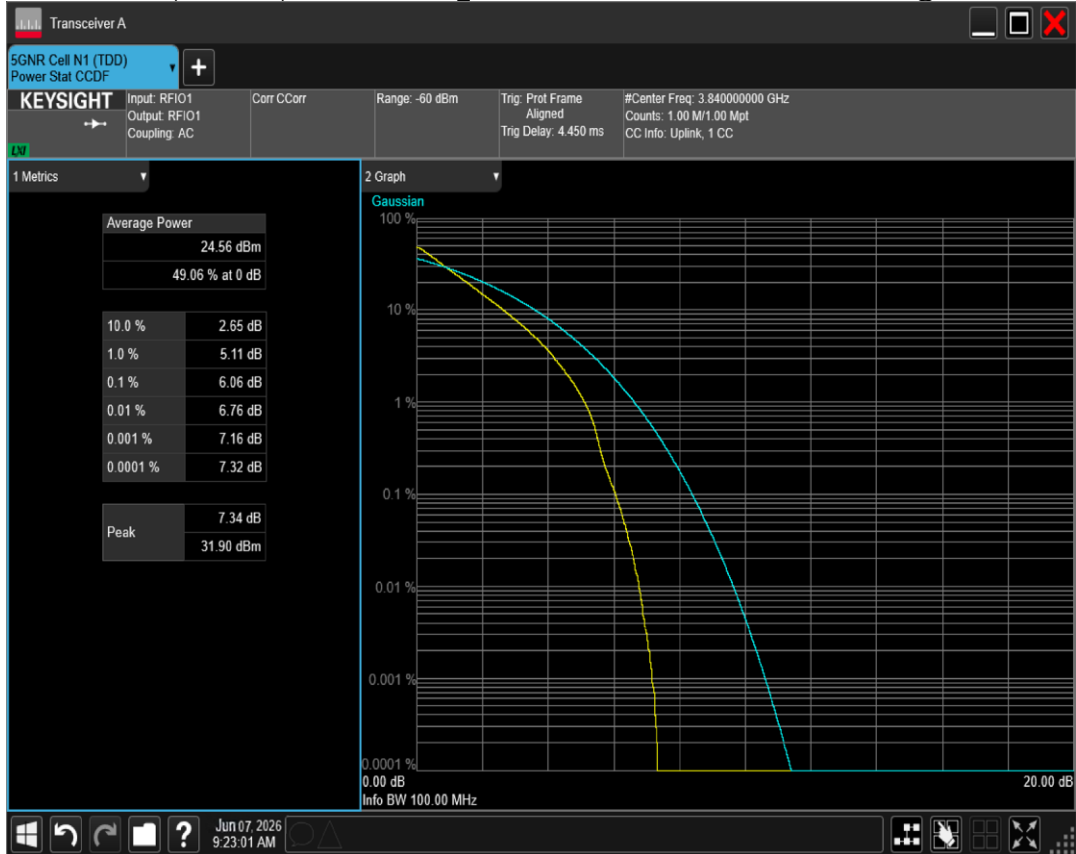
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



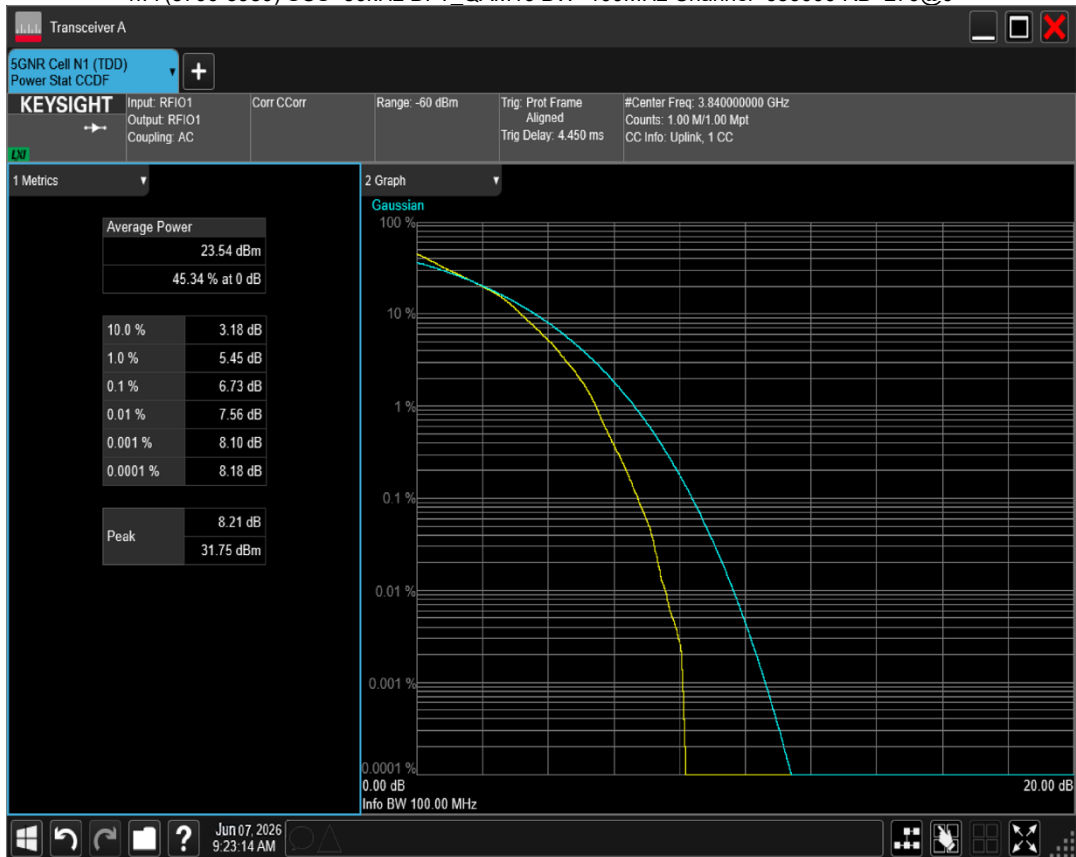
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



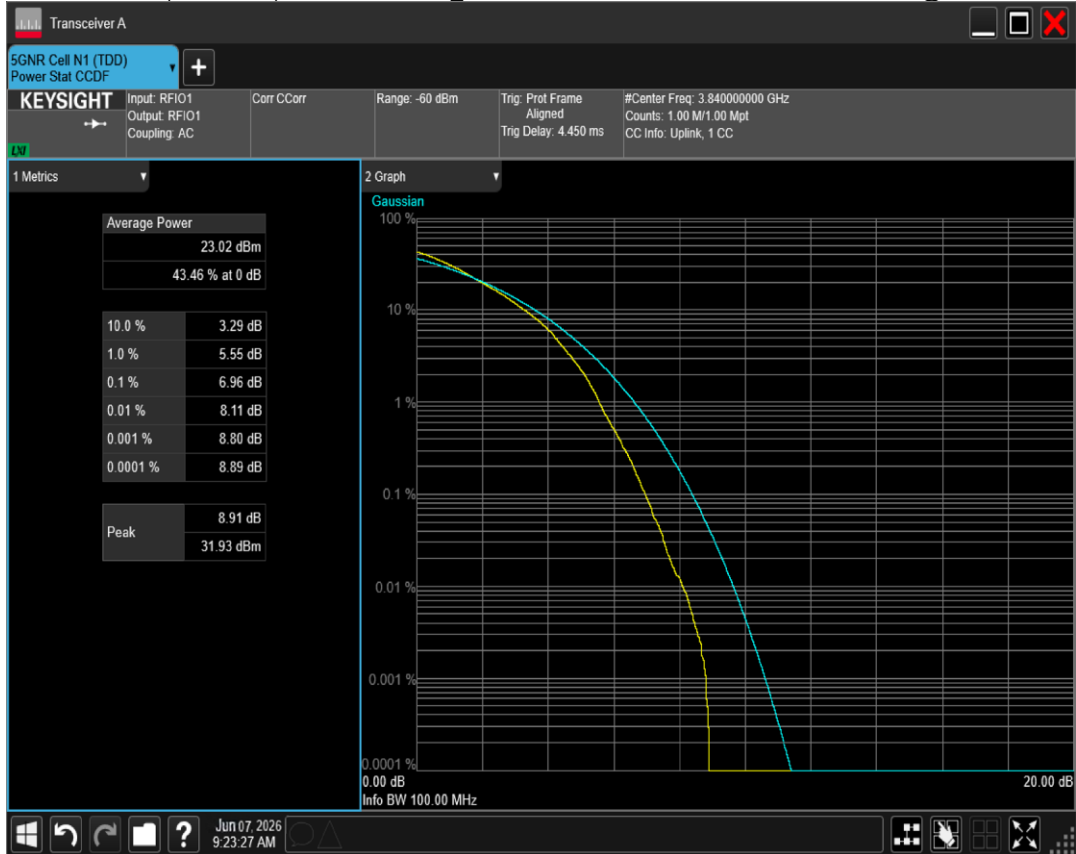
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



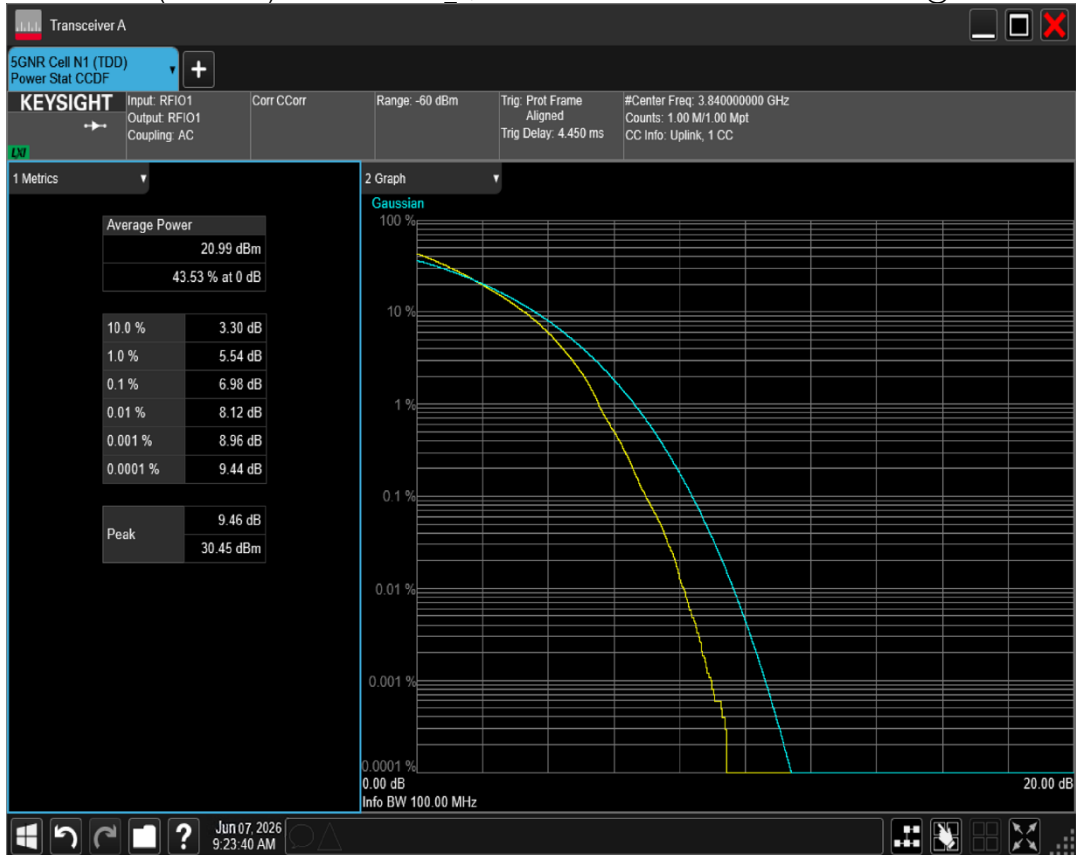
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



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



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=656000 RB=270@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	647000	24@0	DFT_BPSK	8.620	9.220	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.620	9.170	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.640	9.230	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.610	9.160	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.640	9.220	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	8.620	9.220	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.620	9.200	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.640	9.170	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.620	9.220	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.640	9.230	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.610	9.190	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.610	9.170	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.650	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.620	9.190	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.620	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.650	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.620	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.620	9.220	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.460	13.710	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.470	13.710	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.450	13.770	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.510	13.750	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.510	13.720	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.630	14.400	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.500	13.710	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.500	13.730	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.510	13.700	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.510	13.750	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.520	13.720	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.640	14.440	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.510	13.750	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.470	13.720	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.510	13.810	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.510	13.790	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.570	13.720	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.640	14.440	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.090	18.940	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.090	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.030	18.900	PASS

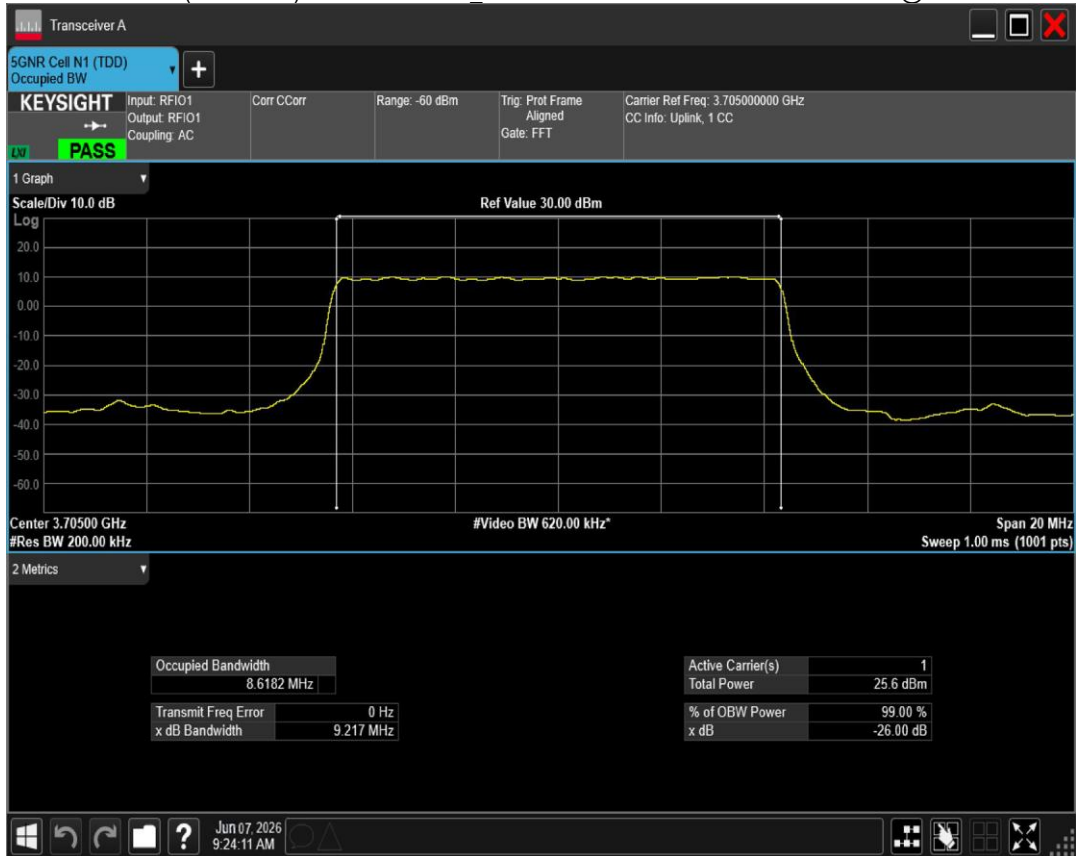
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.040	18.900	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.100	18.930	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.270	19.300	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.090	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.090	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.040	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.080	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.120	18.930	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	18.270	19.290	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.110	18.980	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.080	18.950	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.030	18.920	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.040	18.920	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.110	18.920	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.270	19.320	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.750	28.490	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.620	28.430	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.620	28.470	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.640	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.630	28.450	PASS
n77(3700-3980)	30	30	647668	78@0	CP_QPSK	27.980	29.530	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.740	28.490	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.630	28.440	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.630	28.470	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.640	28.430	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.640	28.430	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	27.980	29.530	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.740	28.500	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.640	28.480	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.620	28.470	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.650	28.450	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.630	28.430	PASS
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	27.980	29.540	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.640	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.610	37.910	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.610	37.890	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.610	37.910	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	37.480	37.860	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	37.980	40.050	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.610	37.880	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.610	37.920	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.620	37.890	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.620	37.870	PASS

n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.620	37.870	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	37.990	40.060	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.510	37.880	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.520	37.900	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.600	37.870	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.600	37.920	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.470	37.860	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	37.980	40.050	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.210	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.080	48.350	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.060	48.370	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.070	48.360	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.040	48.370	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.650	50.180	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.230	48.390	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.090	48.410	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.080	48.410	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	47.070	48.390	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.100	48.360	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.650	50.220	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.220	48.430	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.070	48.430	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.230	48.420	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.080	48.400	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.100	48.390	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.660	50.240	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	57.960	60.990	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	58.080	60.980	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	57.940	60.990	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	57.950	60.970	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.940	60.970	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	57.940	61.000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	58.100	61.010	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	57.960	61.000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.090	61.030	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	57.950	60.980	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.950	60.980	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	57.950	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	58.090	61.030	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	58.100	61.050	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	58.100	61.060	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	58.080	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	57.950	61.000	PASS

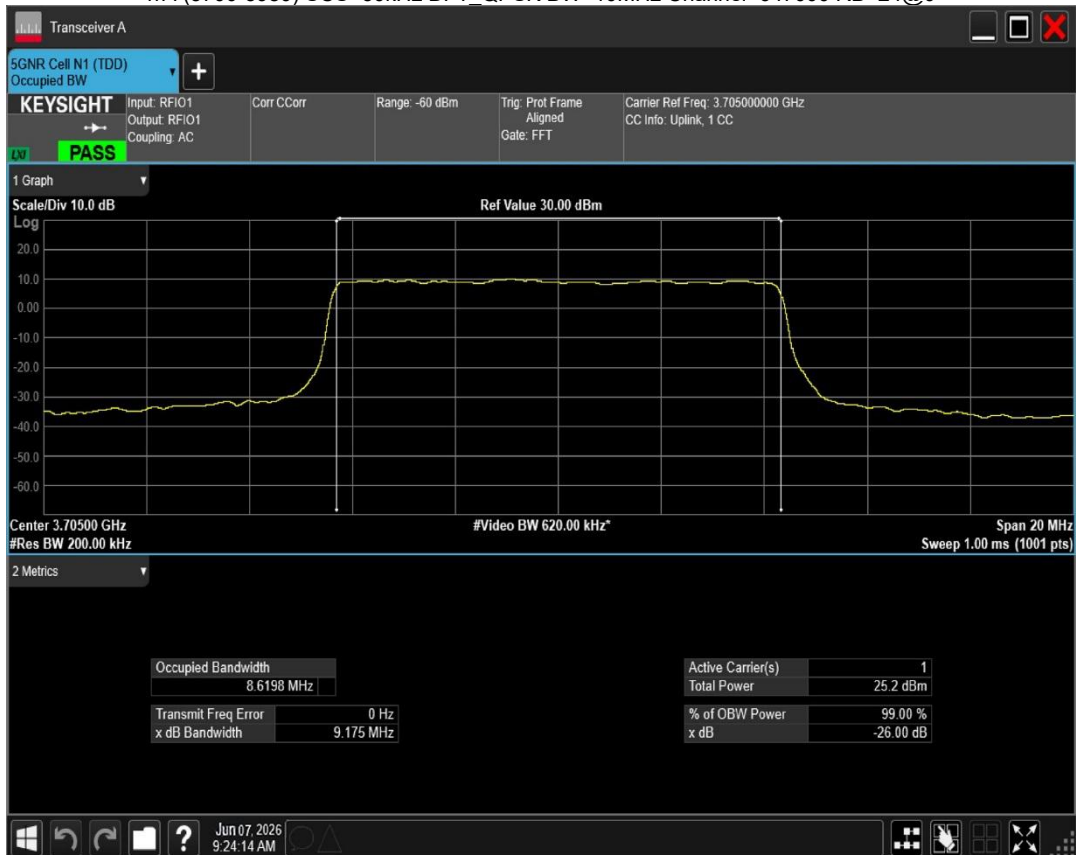
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	57.960	61.040	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	77.470	81.350	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	77.470	81.360	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	77.500	81.380	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	77.460	81.340	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	77.440	81.330	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	77.790	81.770	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.470	81.350	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	77.460	81.360	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.490	81.380	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	77.460	81.350	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.280	81.330	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	77.780	81.770	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	77.510	81.400	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	77.510	81.390	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	77.490	81.380	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	77.480	81.380	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	77.470	81.350	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	77.810	81.810	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	86.760	90.540	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	86.780	90.530	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	86.770	90.490	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	86.560	90.500	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	86.810	90.520	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	87.640	92.310	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.790	90.550	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.810	90.560	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.810	90.510	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.770	90.510	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.830	90.520	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	87.640	92.310	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	86.820	90.590	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	86.830	90.590	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	86.830	90.550	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	86.790	90.530	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	86.860	90.560	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	87.850	92.350	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	96.860	101.630	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	96.870	101.630	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	96.830	101.590	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	96.890	101.630	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	96.850	101.610	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	97.660	102.710	PASS

n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.880	101.670	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.890	101.650	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.850	101.600	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.910	101.650	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.870	101.620	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	97.650	102.730	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	96.900	101.700	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	96.910	101.680	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	96.880	101.640	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	96.940	101.690	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	96.910	101.660	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	97.690	102.780	PASS

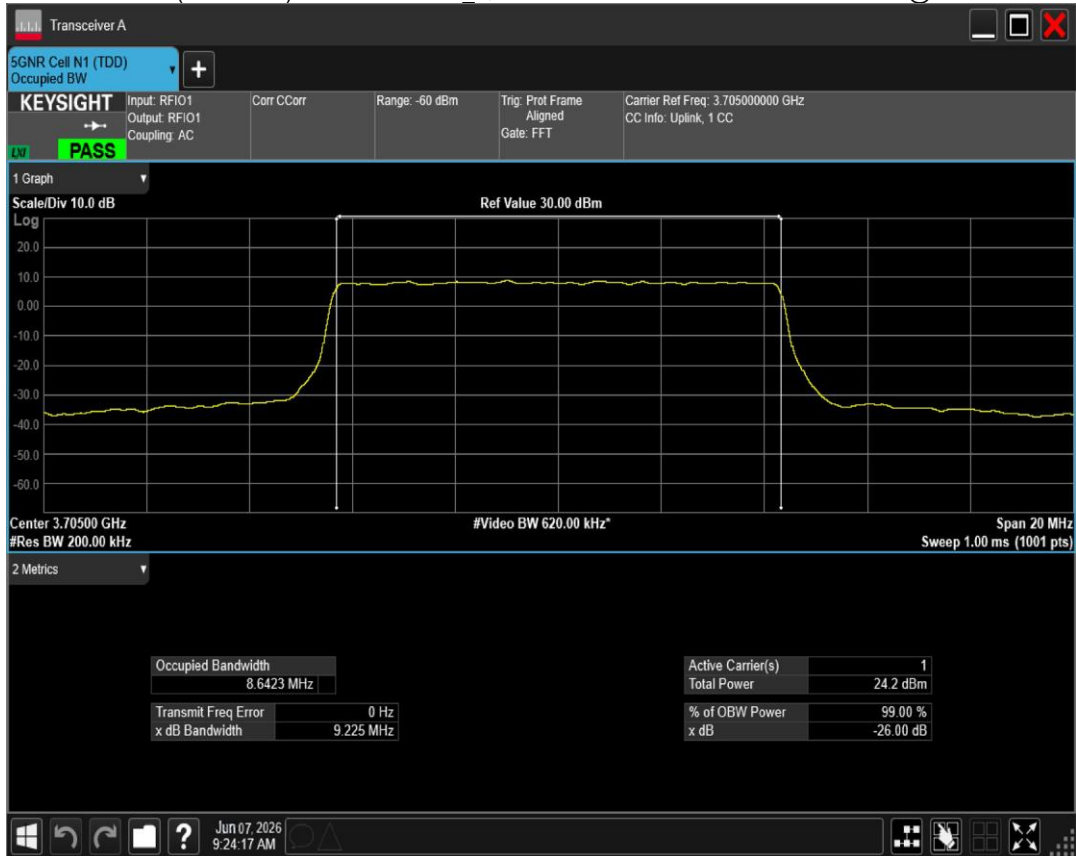
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=647000 RB=24@0



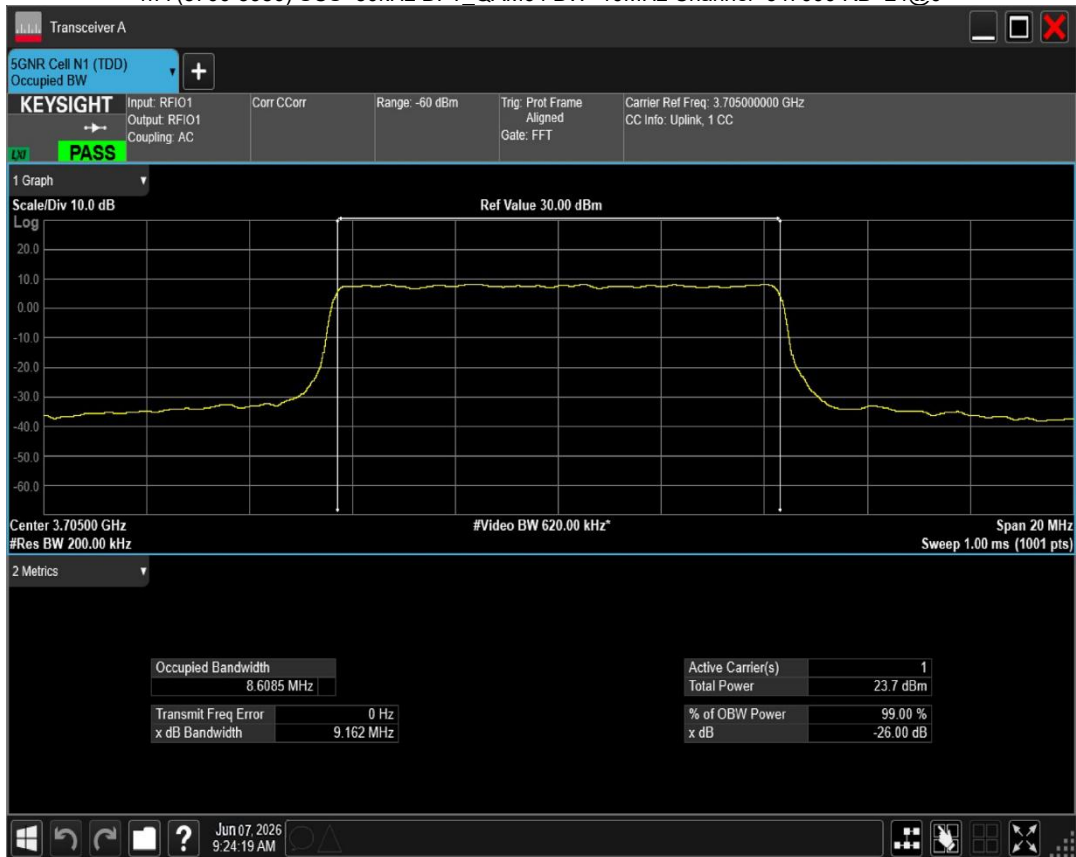
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



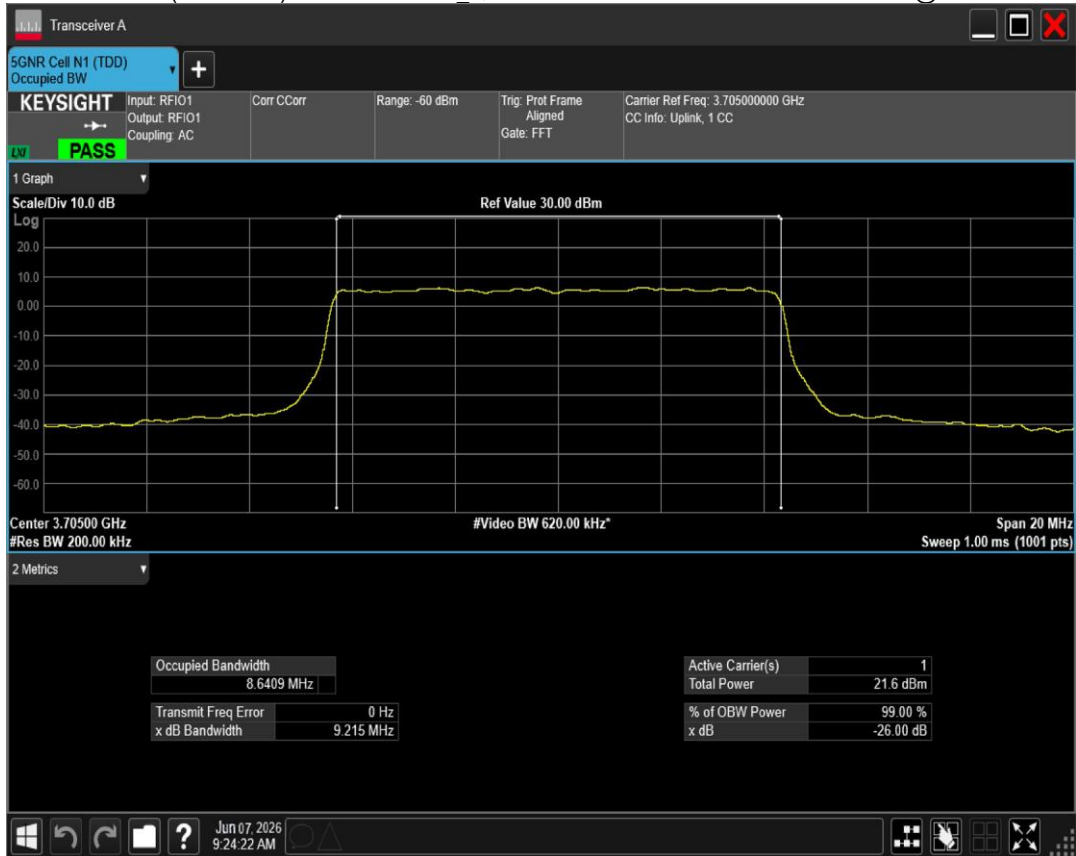
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=647000 RB=24@0



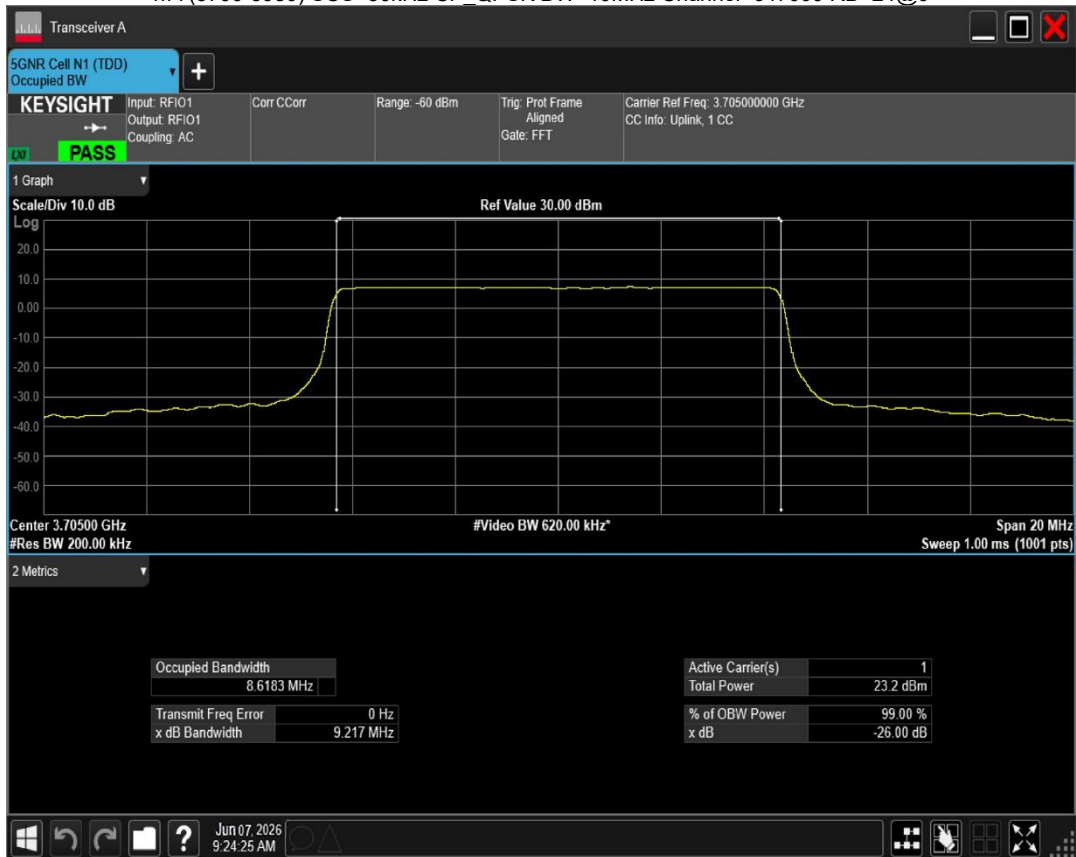
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=647000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=647000 RB=24@0



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



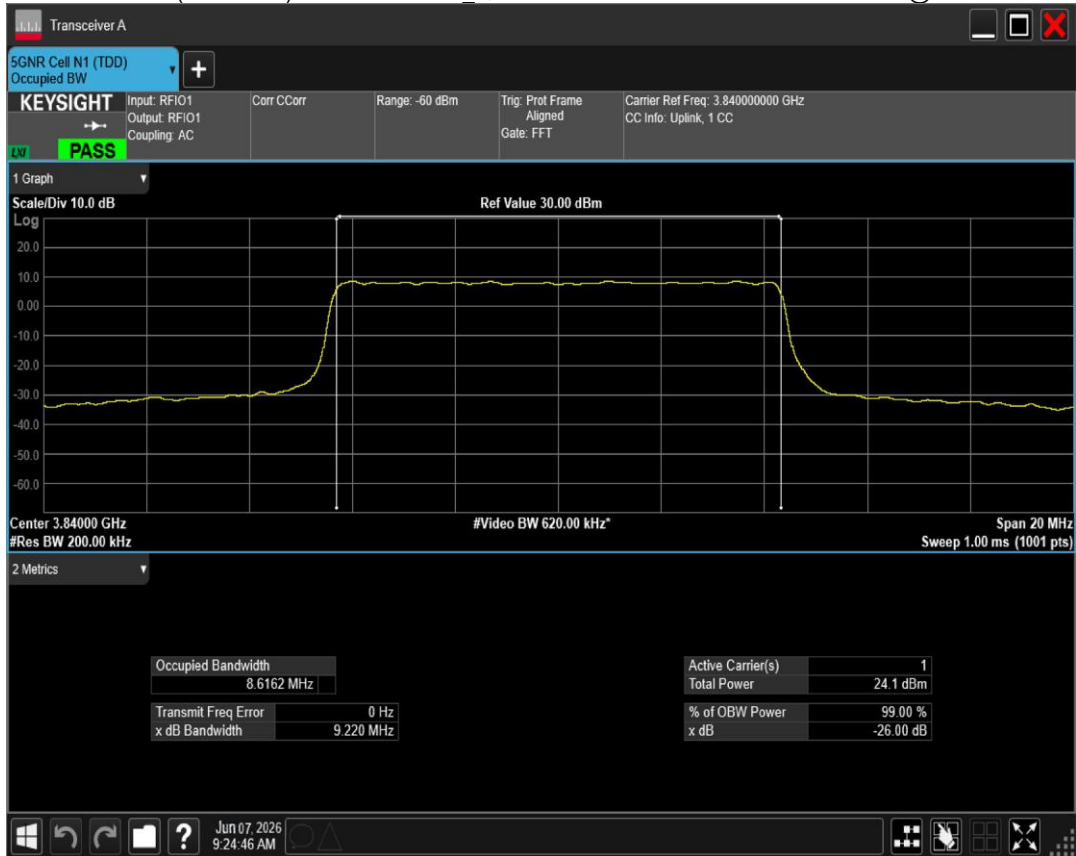
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



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



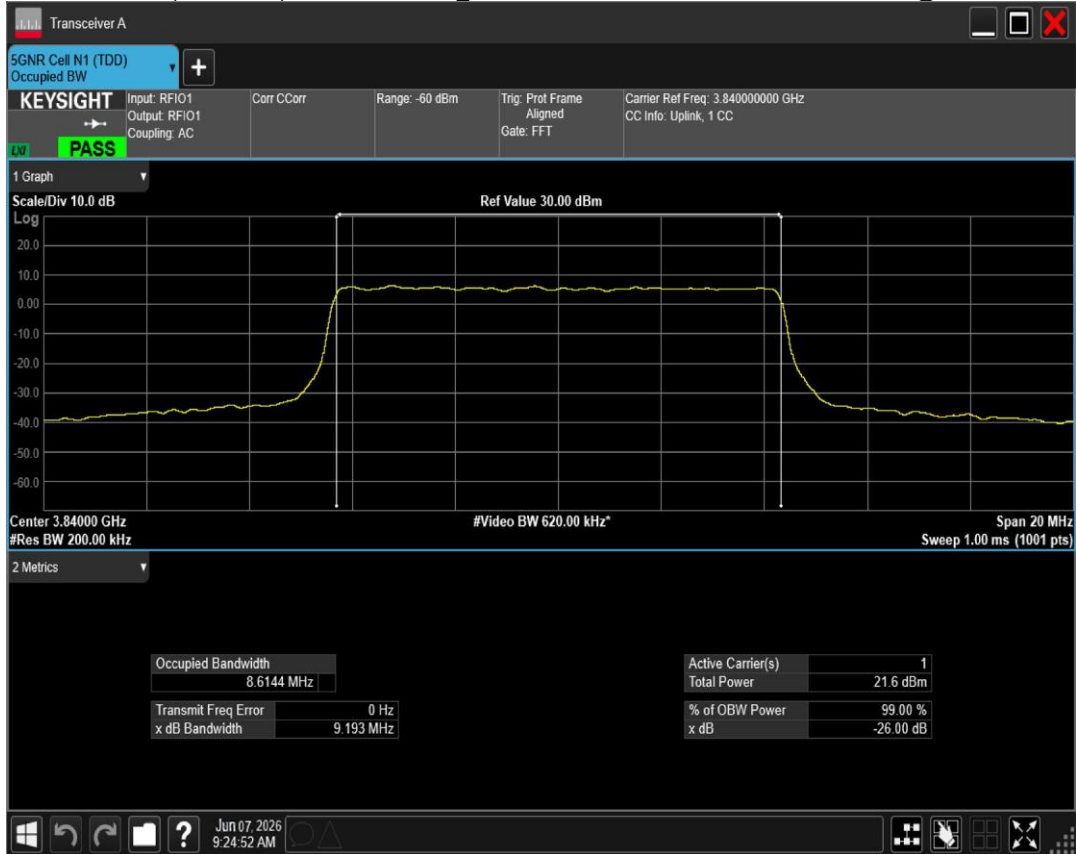
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



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



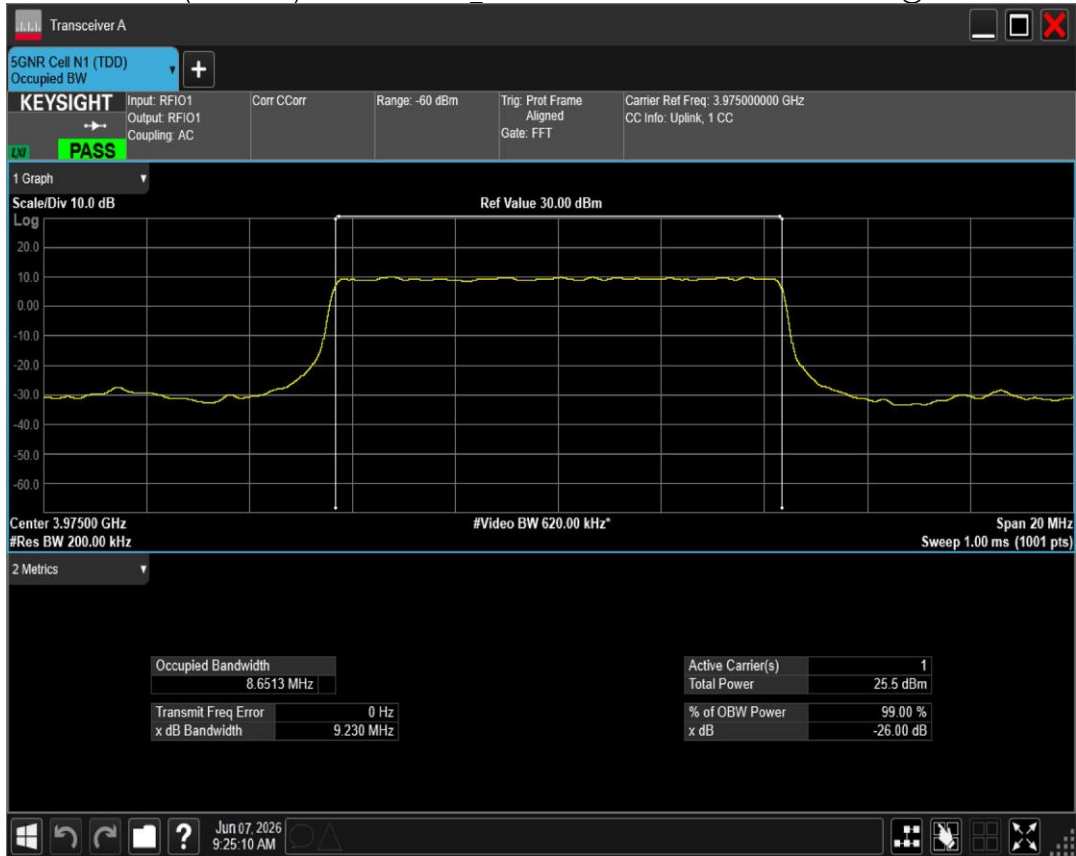
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



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



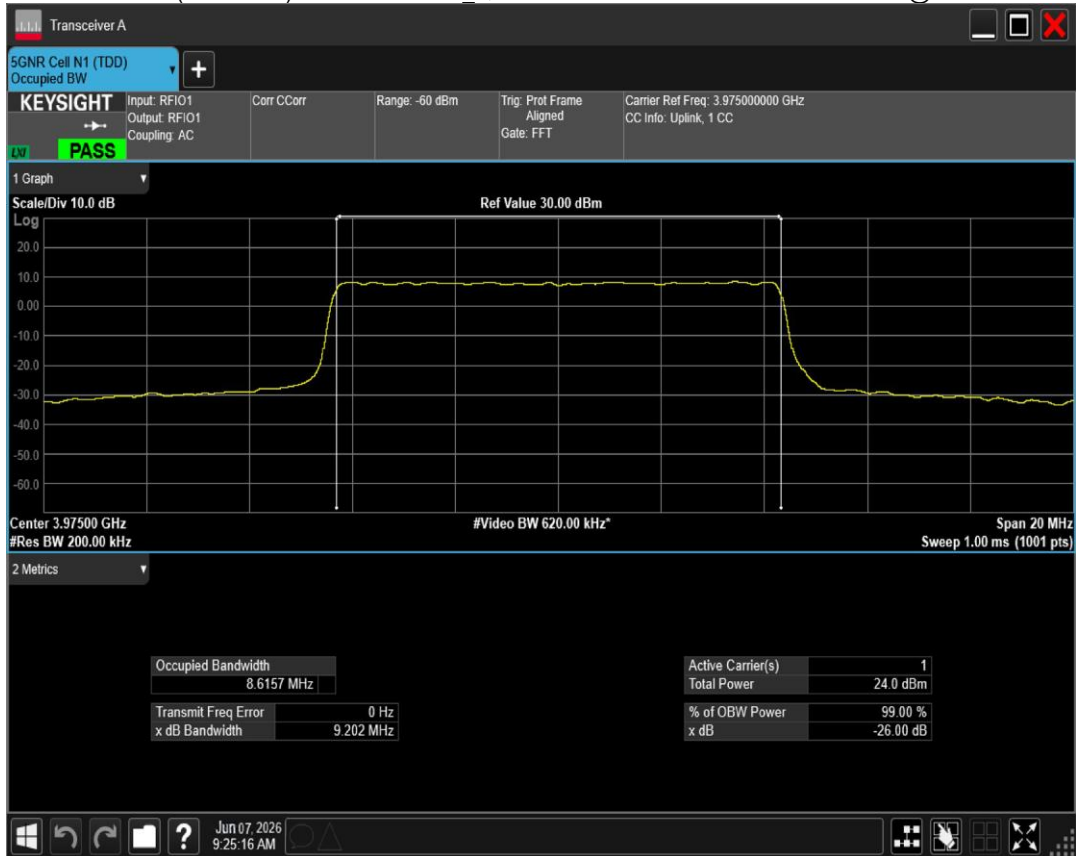
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=665000 RB=24@0



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



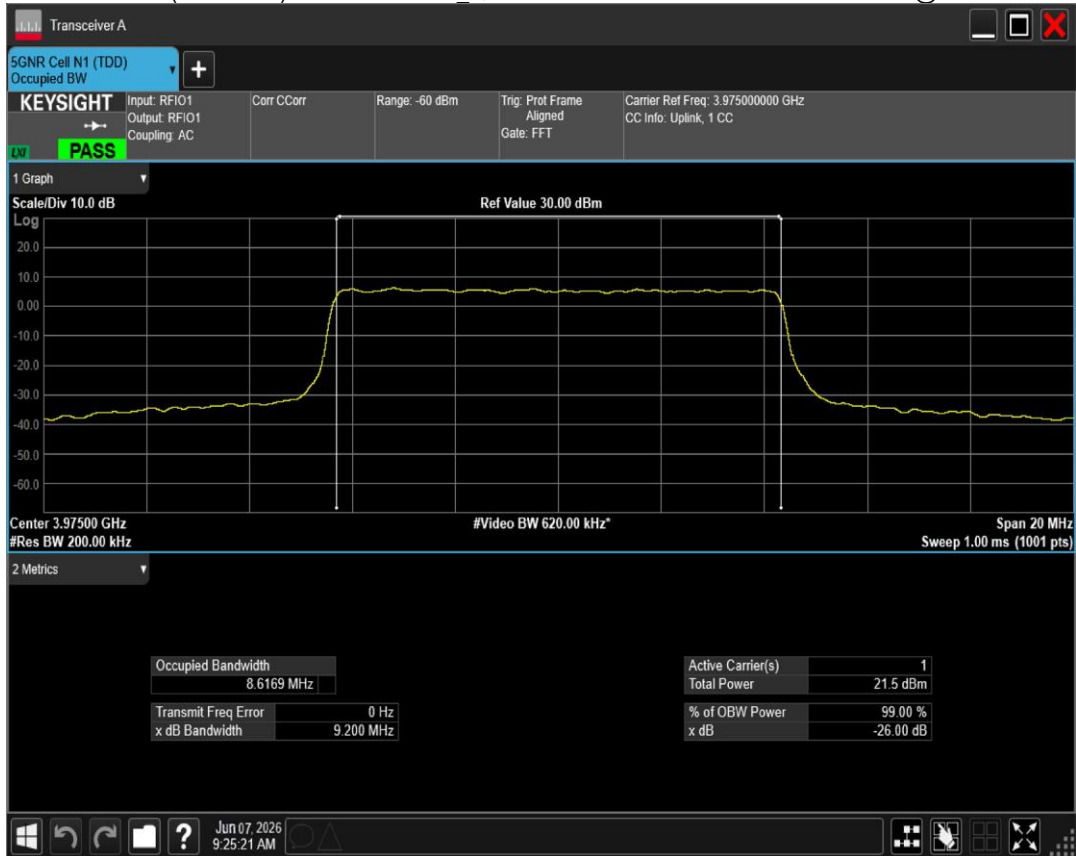
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=665000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=665000 RB=24@0



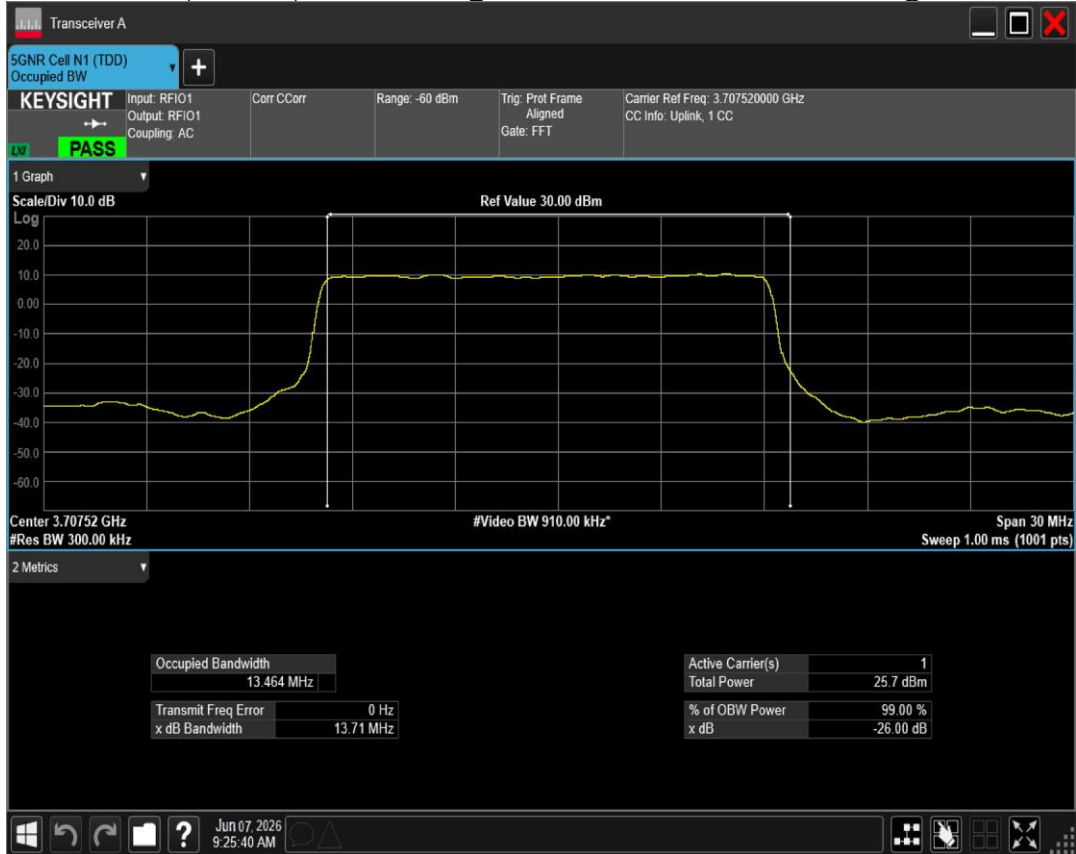
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=665000 RB=24@0



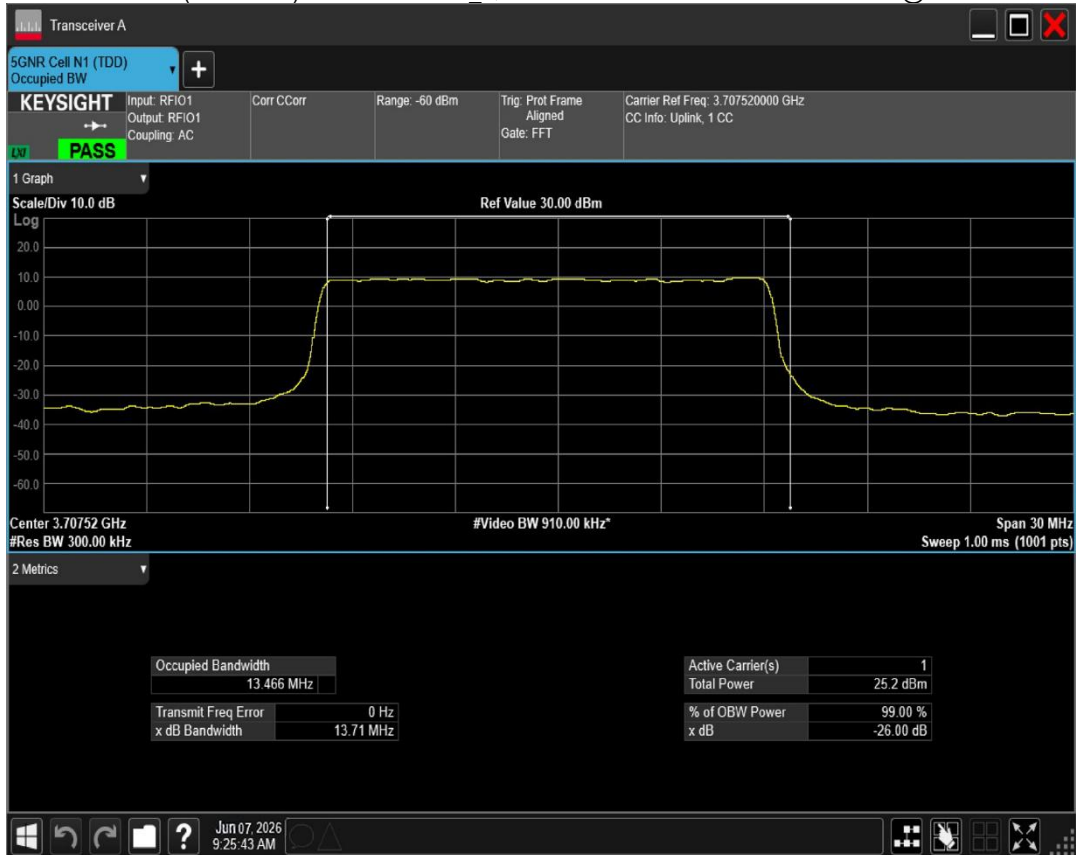
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=665000 RB=24@0



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



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



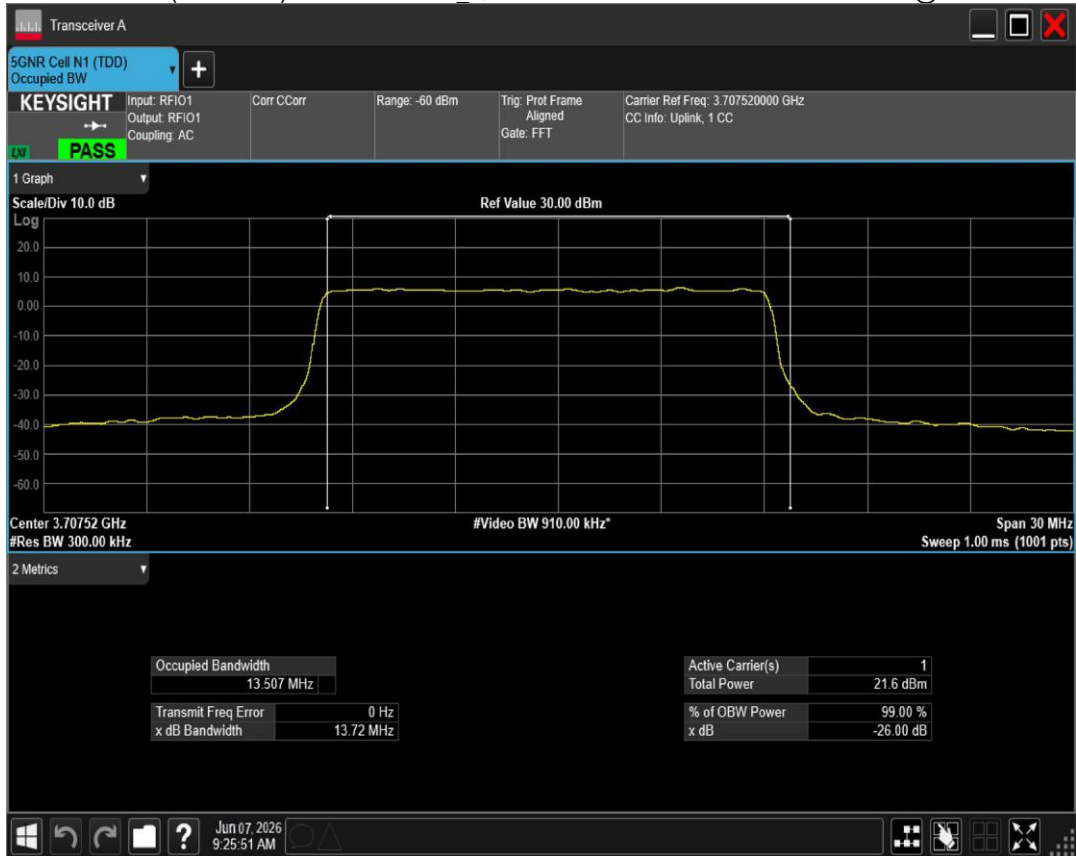
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=647168 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=647168 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=647168 RB=36@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=647168 RB=38@0



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



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



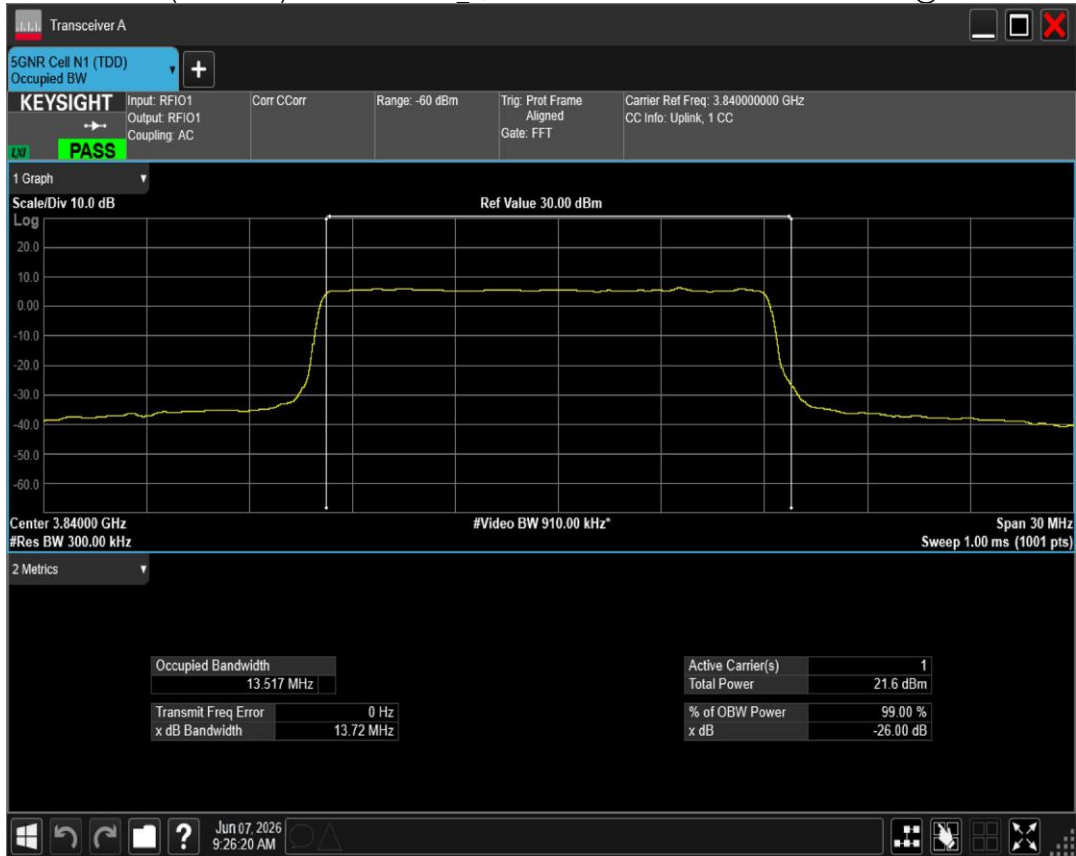
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



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



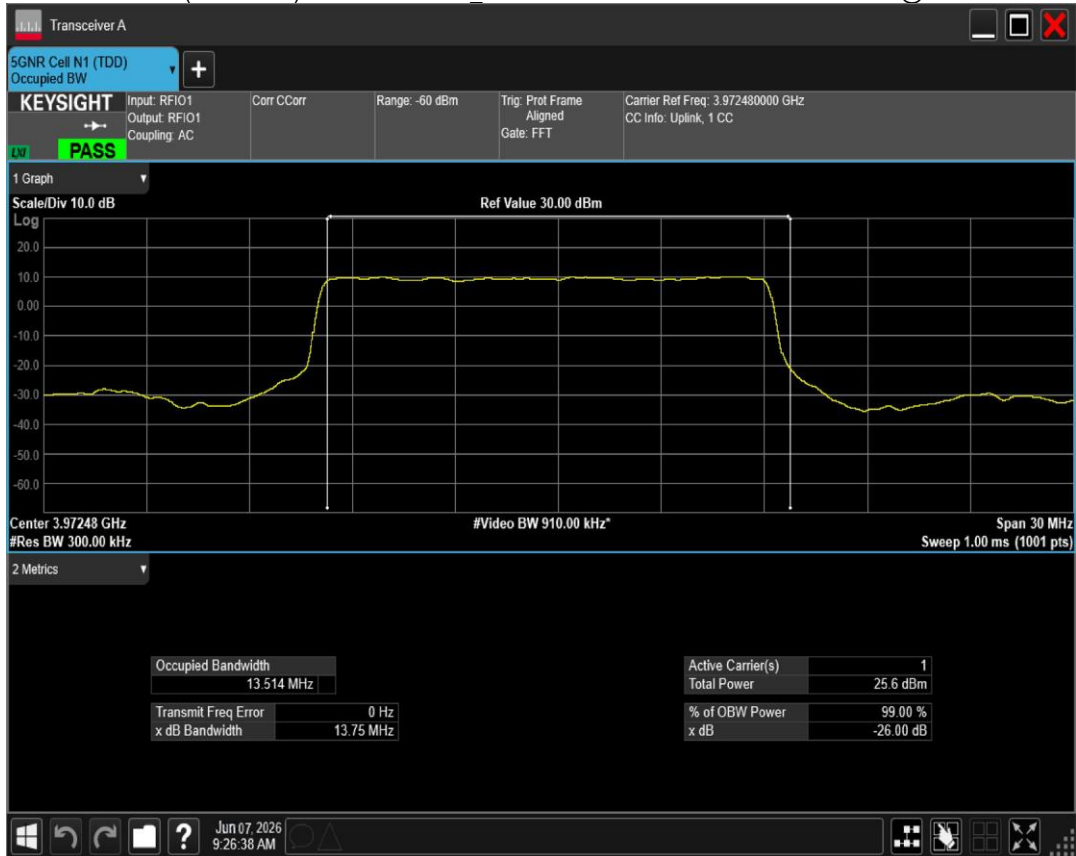
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



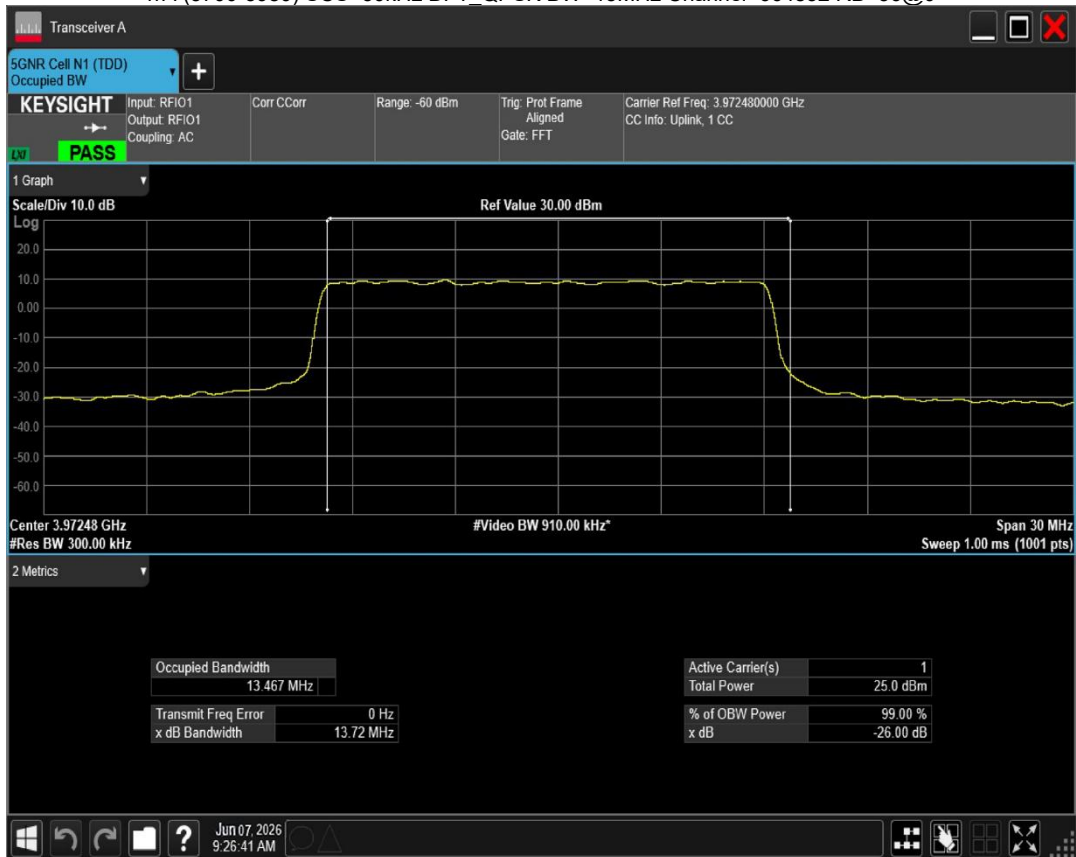
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=656000 RB=38@0



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



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



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=664832 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=664832 RB=36@0

