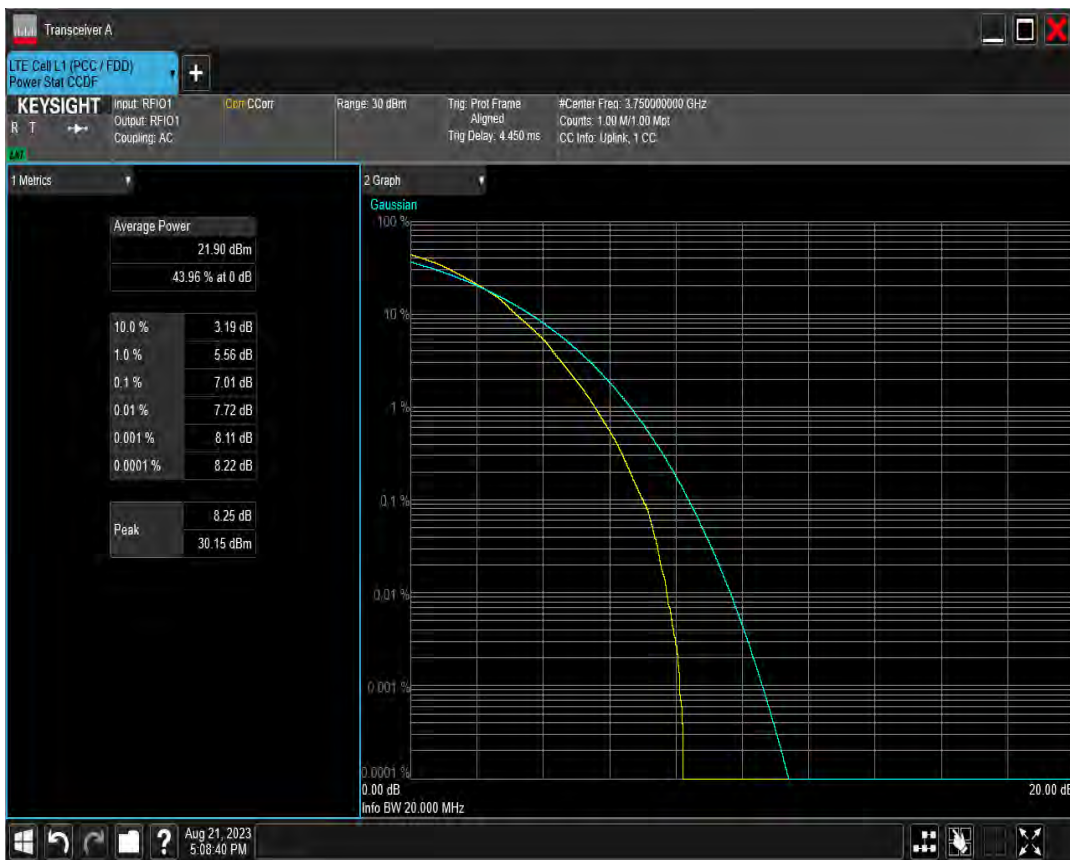
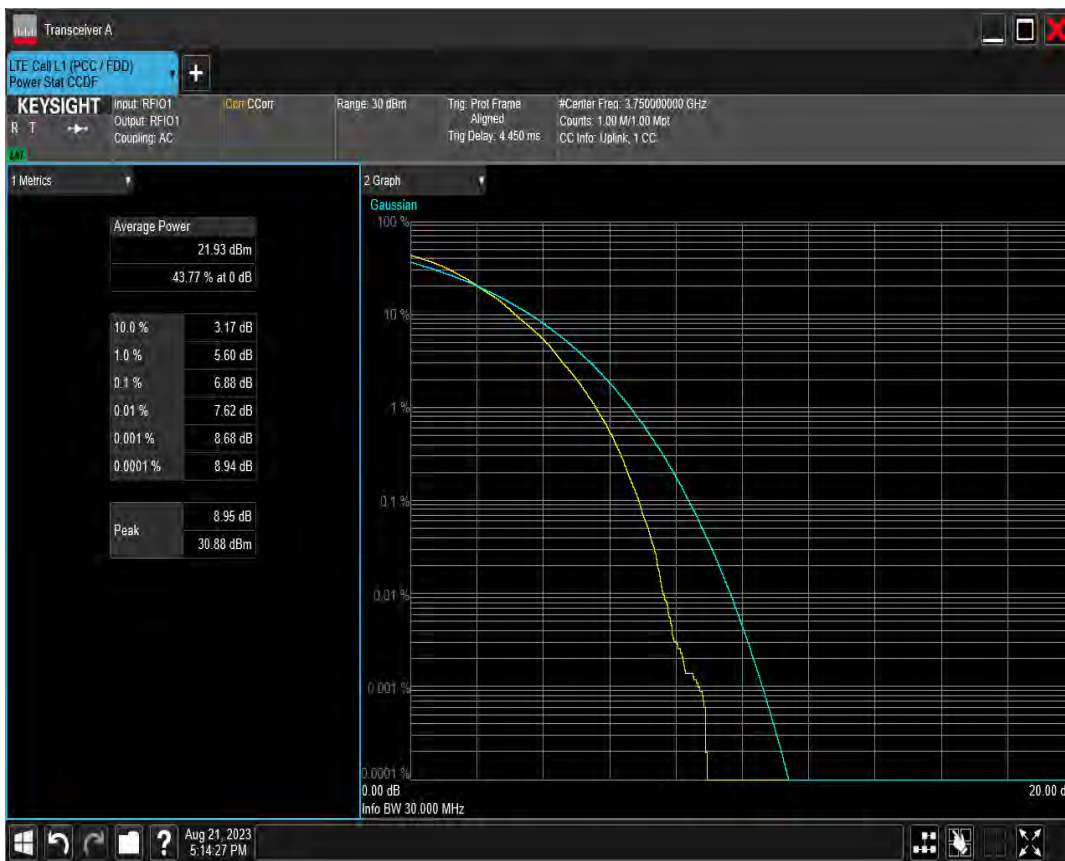


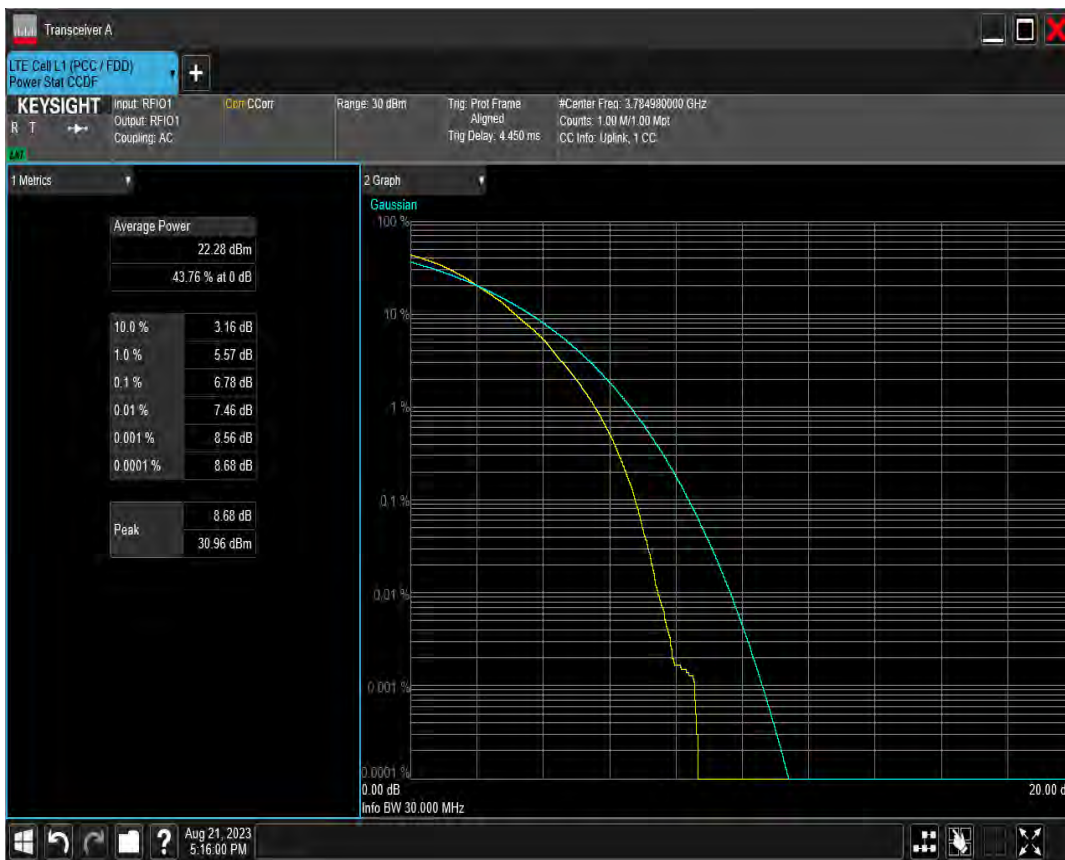
n78(3700-3800) SCS=30kHz DFT 64QAM BW=20MHz Channel=650000 RB=50@0



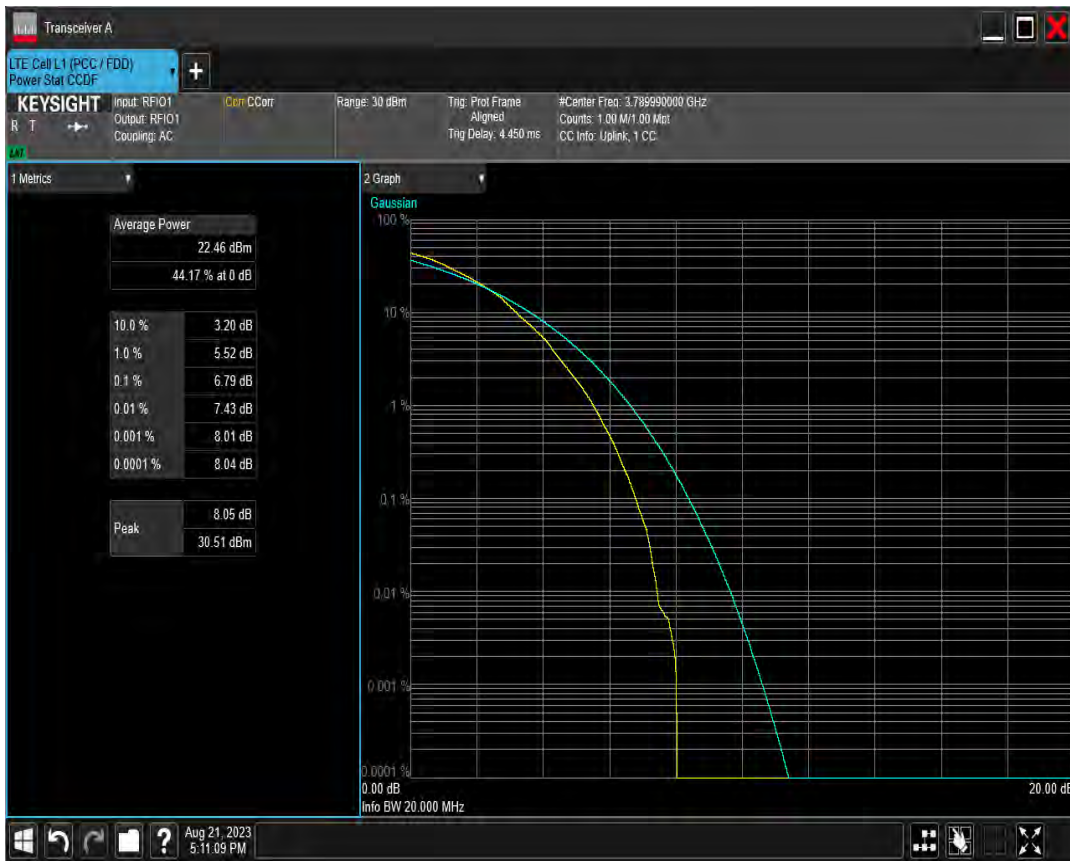
n78(3700-3800) SCS=30kHz DFT 64QAM BW=30MHz Channel=650000 RB=75@0



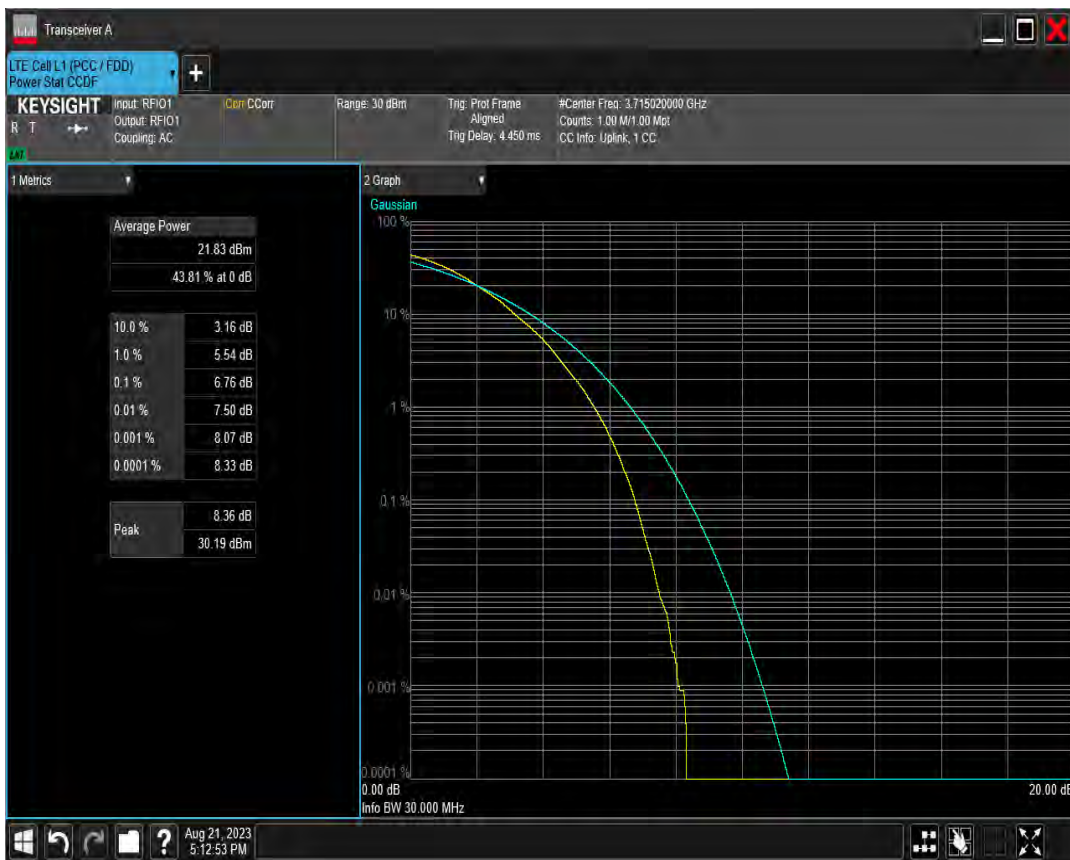
n78(3700-3800) SCS=30kHz DFT 64QAM BW=30MHz Channel=652332 RB=75@0



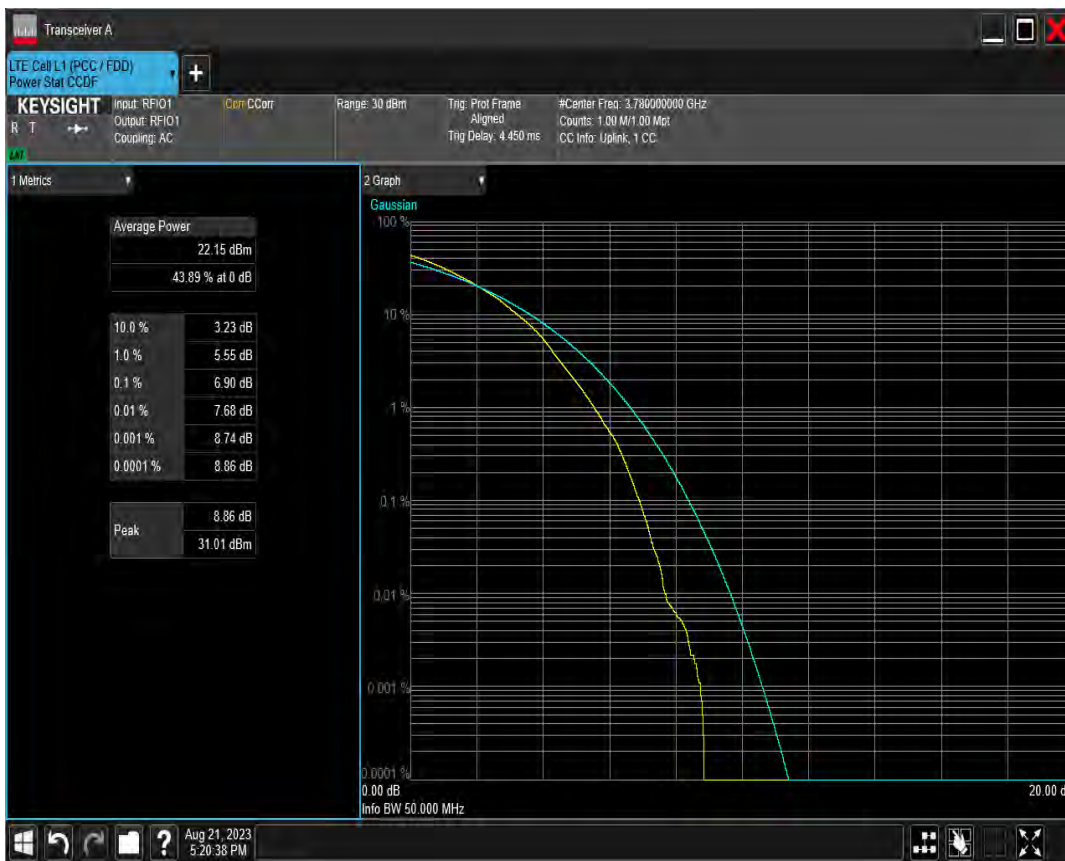
n78(3700-3800) SCS=30kHz DFT 64QAM BW=20MHz Channel=652666 RB=50@0



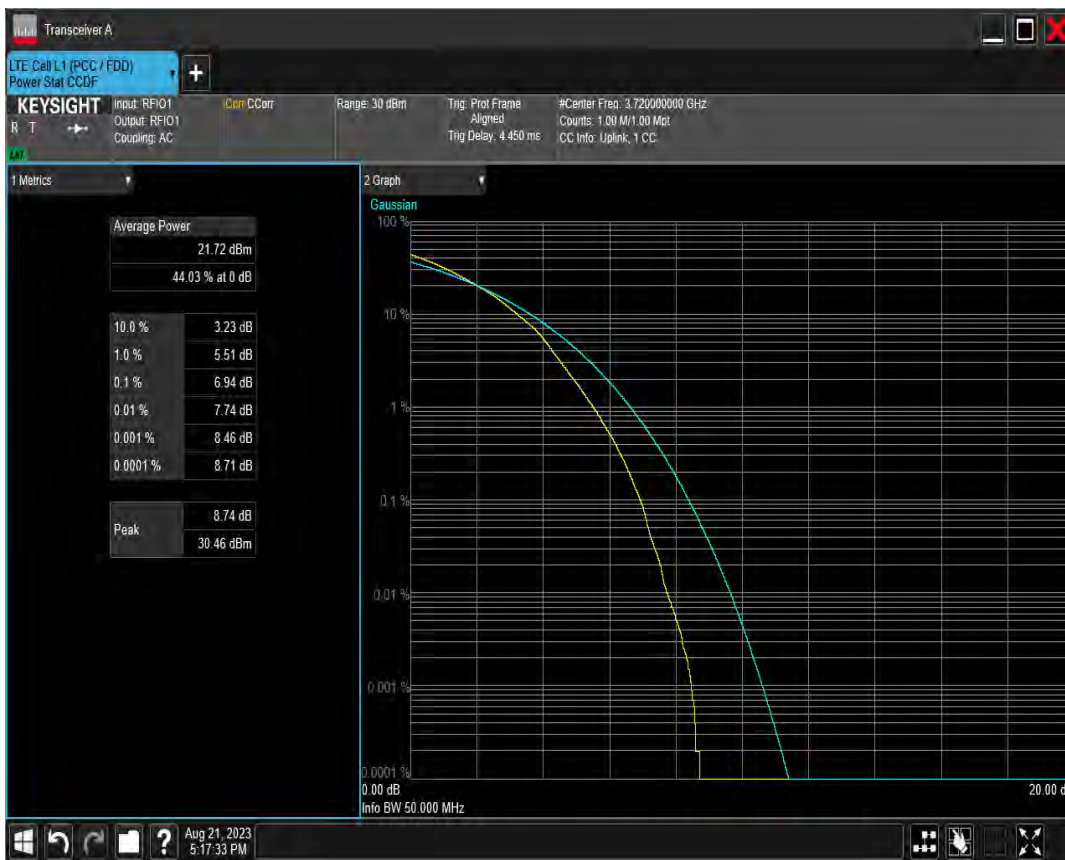
n78(3700-3800) SCS=30kHz DFT 64QAM BW=30MHz Channel=647668 RB=75@0



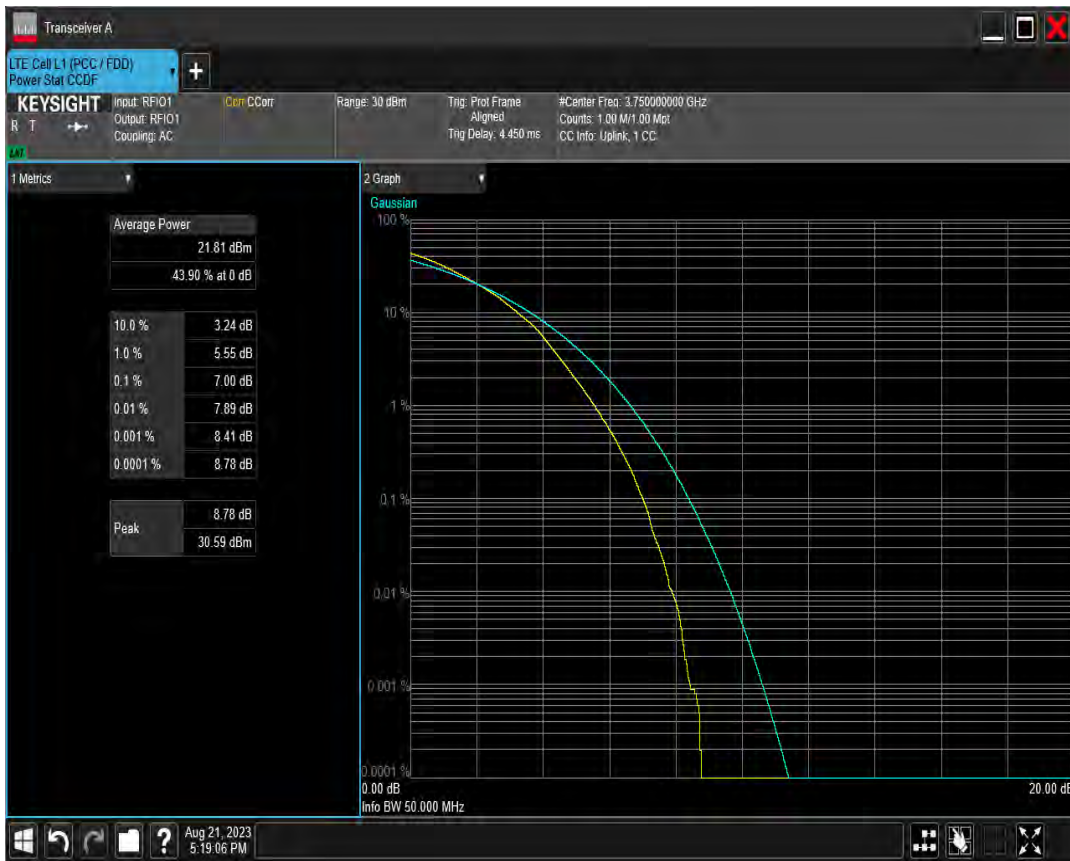
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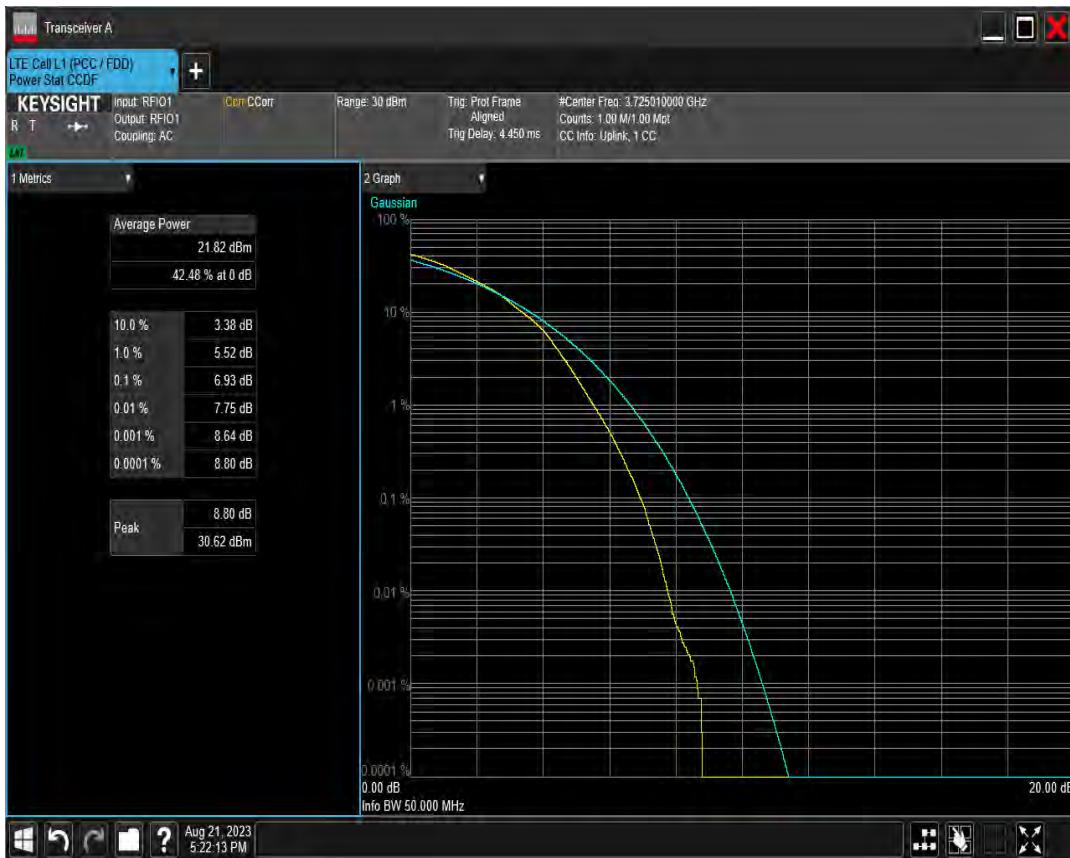
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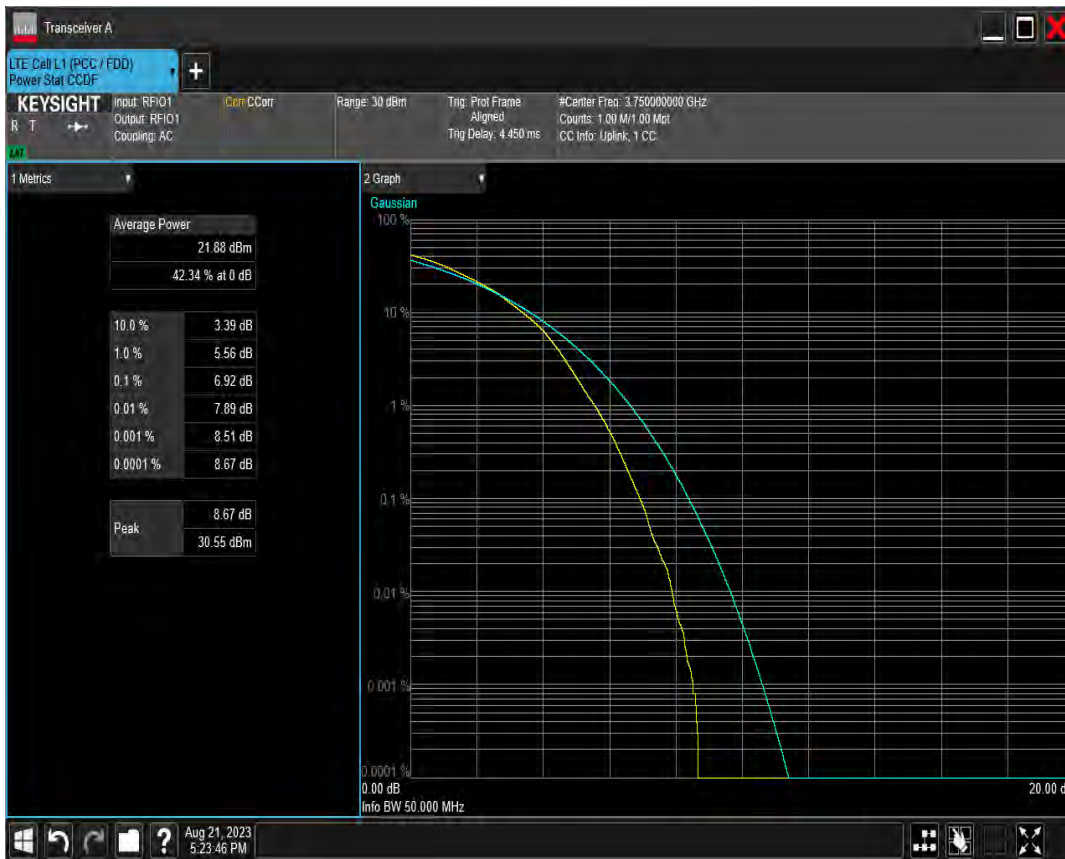
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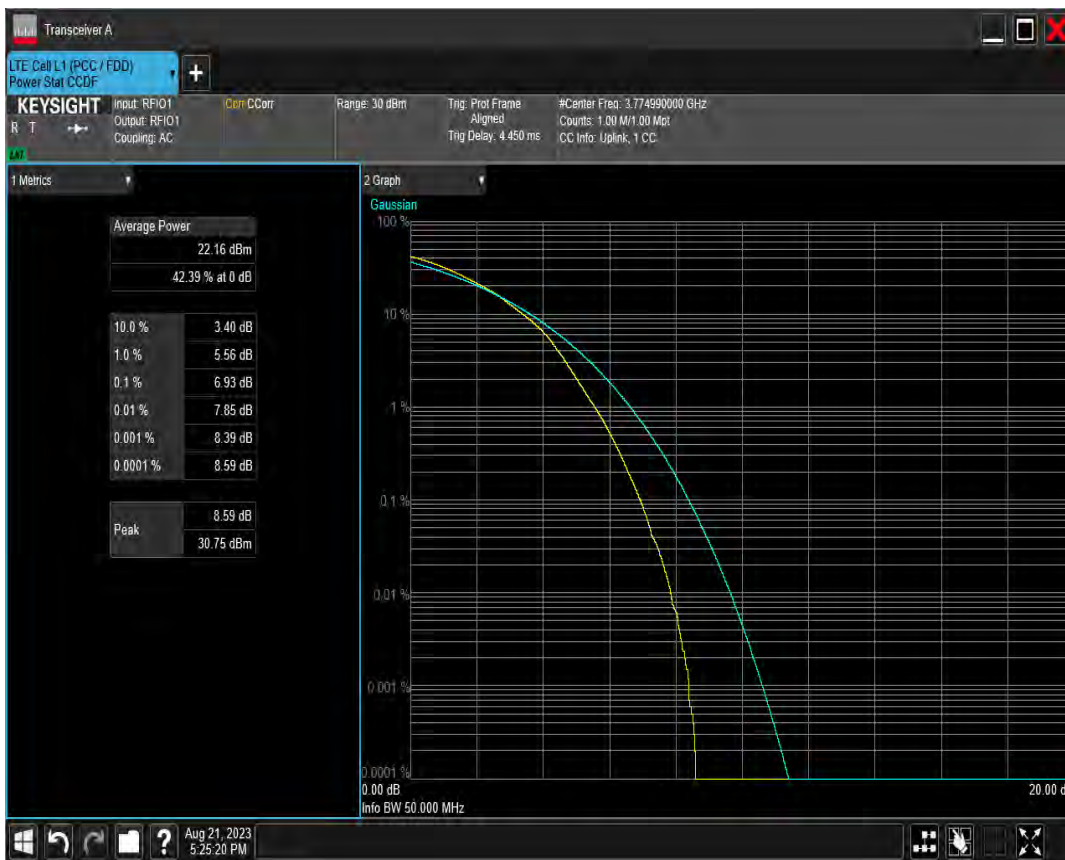
n78(3700-3800) SCS=30kHz DFT 64QAM BW=50MHz Channel=648334 RB=128@0



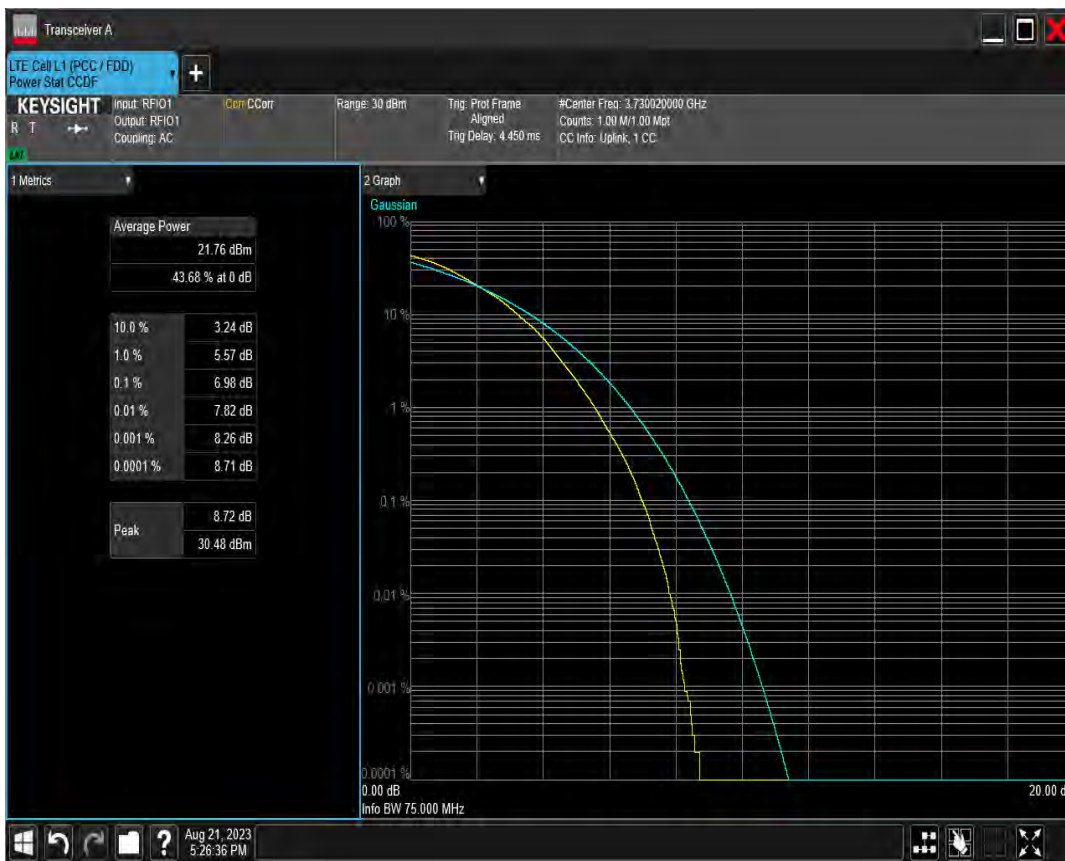
n78(3700-3800) SCS=30kHz DFT 64QAM BW=50MHz Channel=650000 RB=128@0



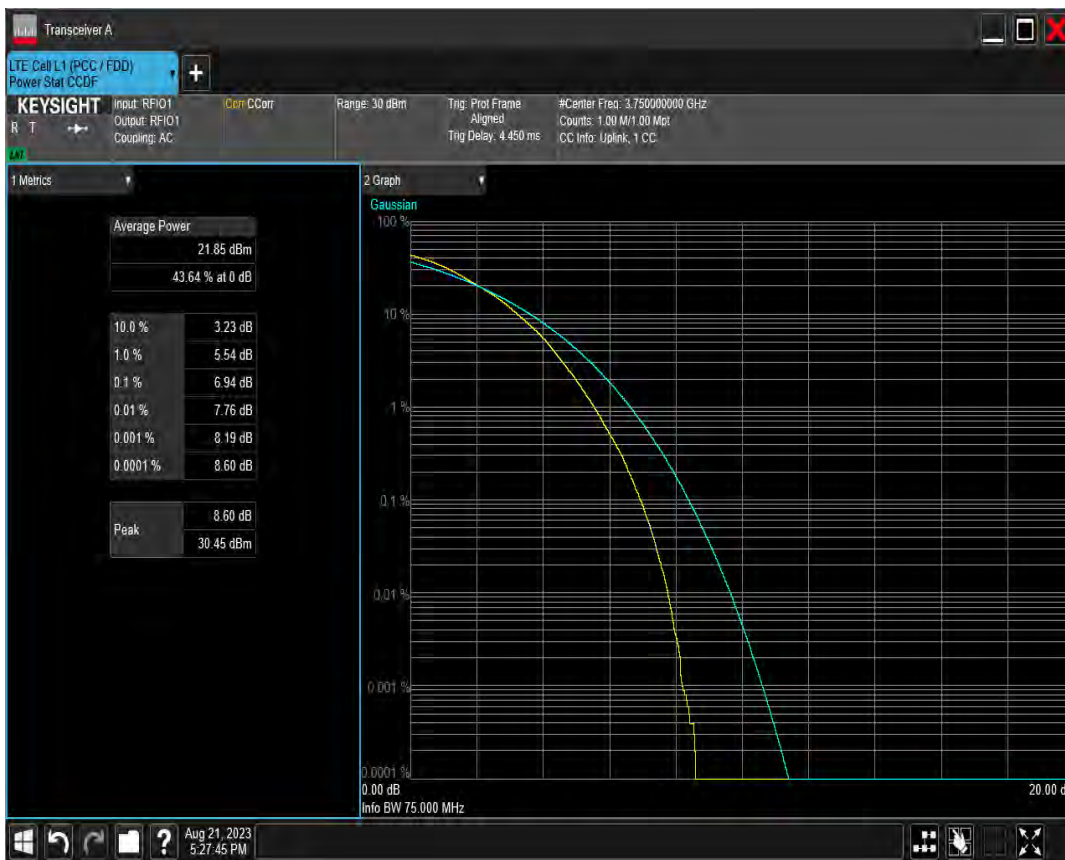
n78(3700-3800) SCS=30kHz DFT 64QAM BW=50MHz Channel=651666 RB=128@0



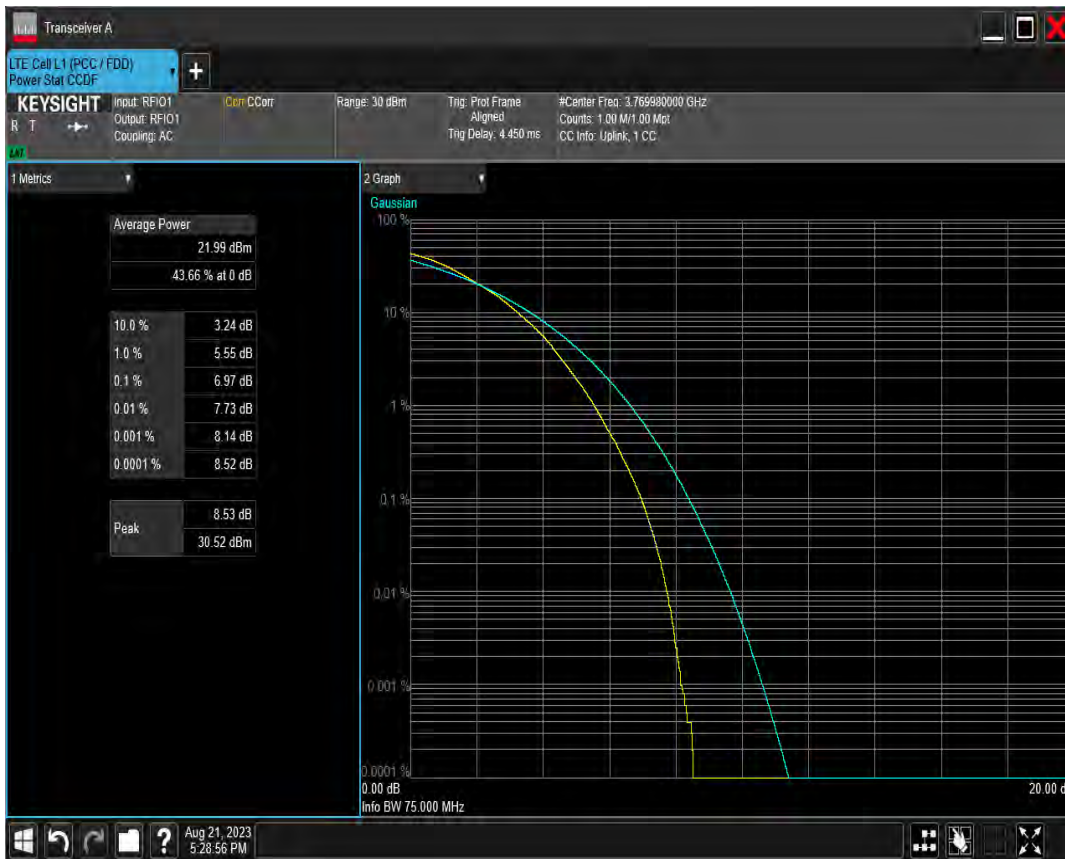
n78(3700-3800) SCS=30kHz DFT 64QAM BW=60MHz Channel=648668 RB=162@0



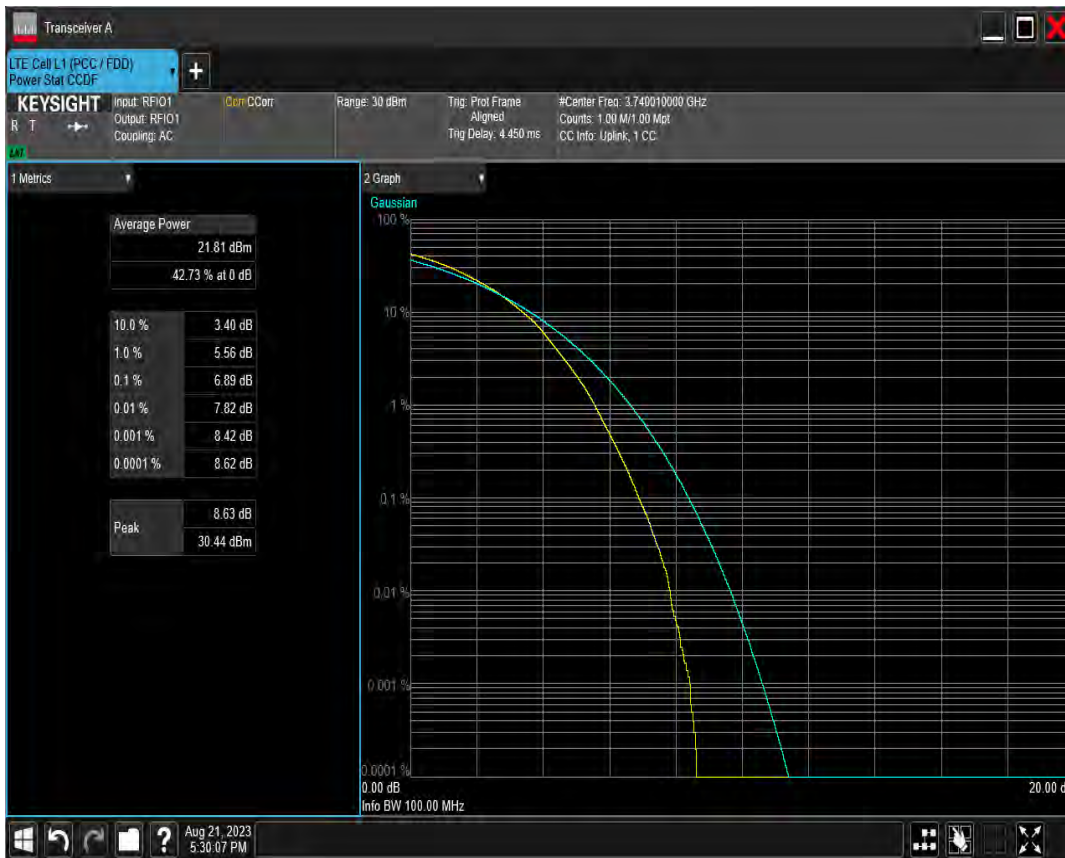
n78(3700-3800) SCS=30kHz DFT 64QAM BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT 64QAM BW=60MHz Channel=651332 RB=162@0

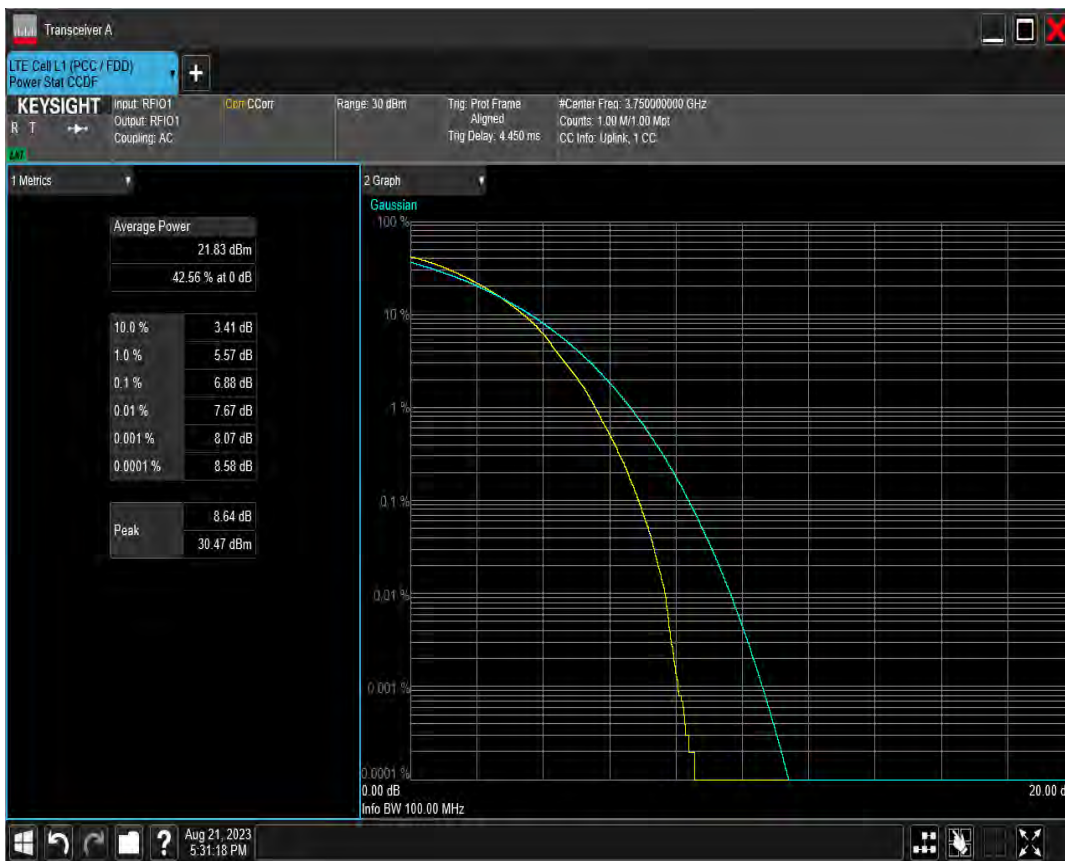


n78(3700-3800) SCS=30kHz DFT 64QAM BW=80MHz Channel=649334 RB=216@0

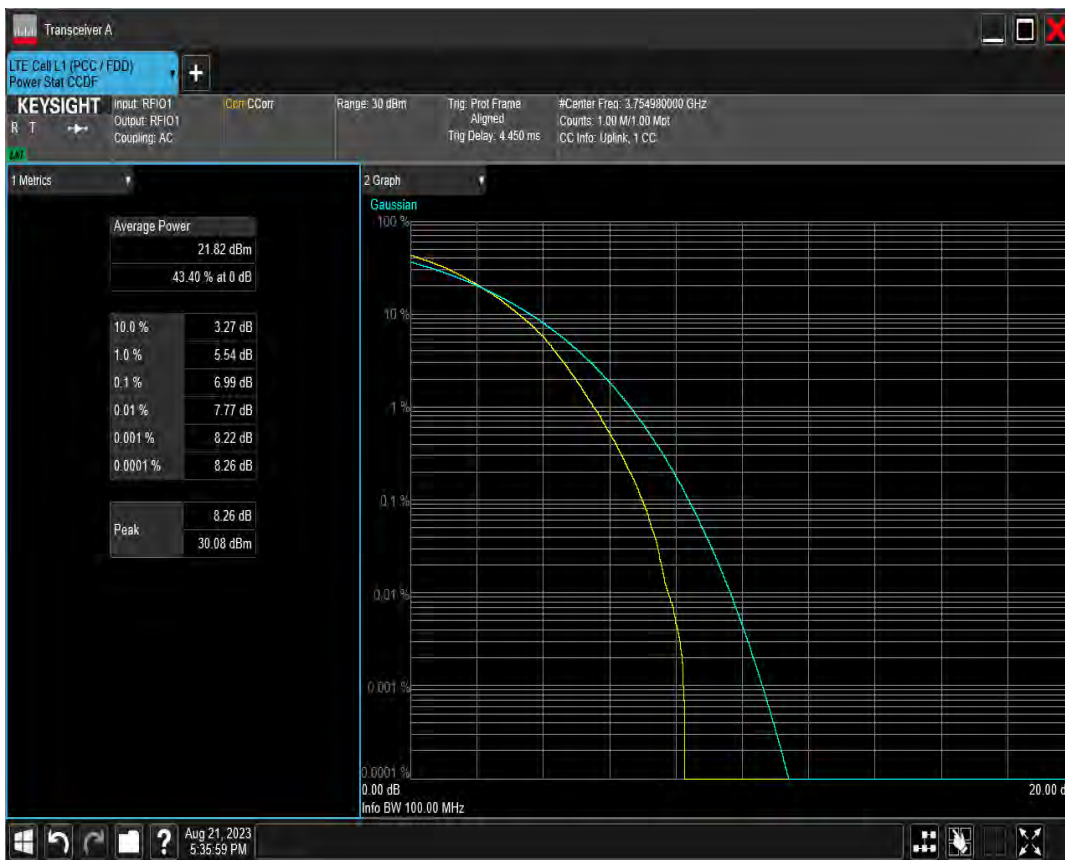


n78(3700-3800) SCS=30kHz DFT 64QAM BW=80MHz Channel=650000 RB=216@0

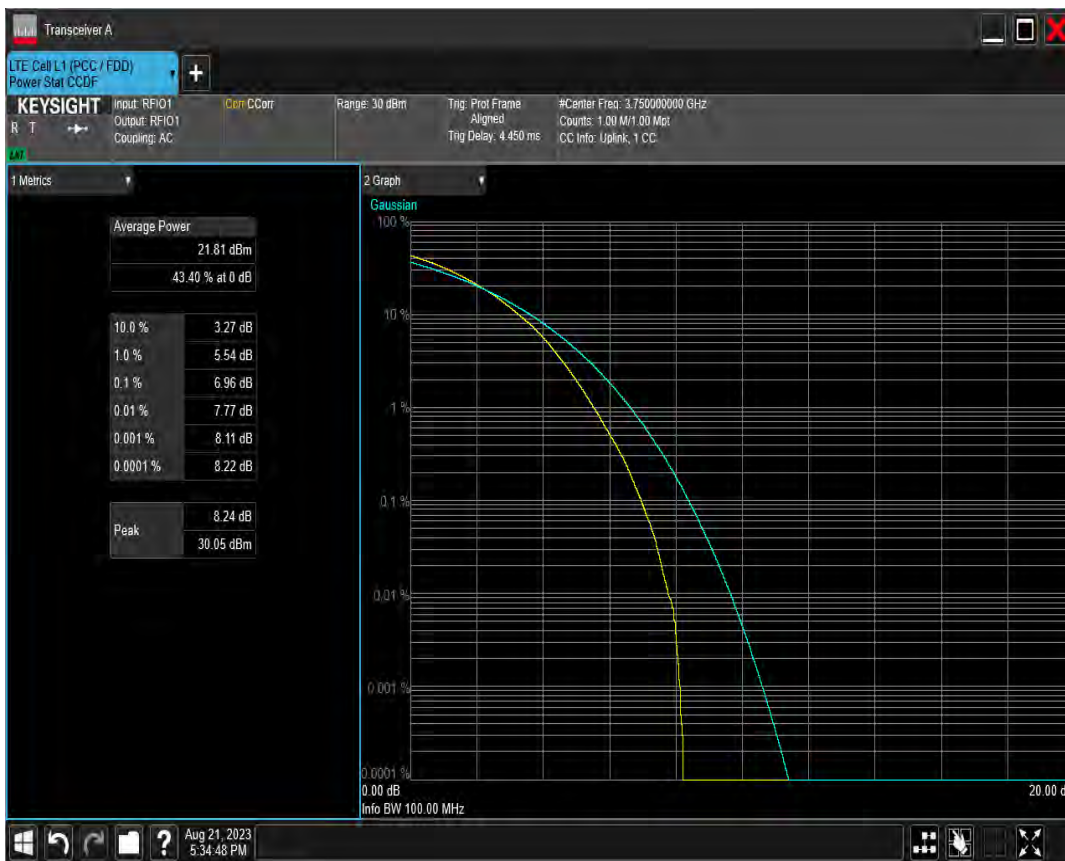




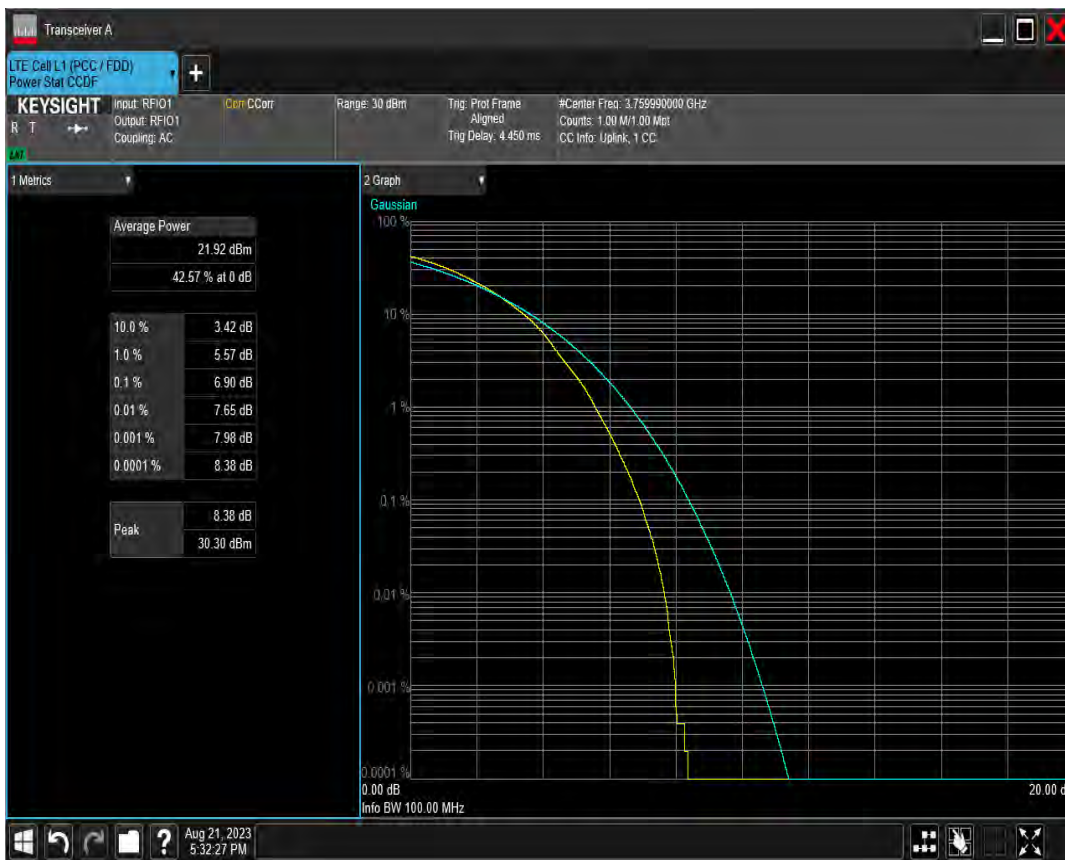
n78(3700-3800) SCS=30kHz DFT 64QAM BW=90MHz Channel=650332 RB=240@0



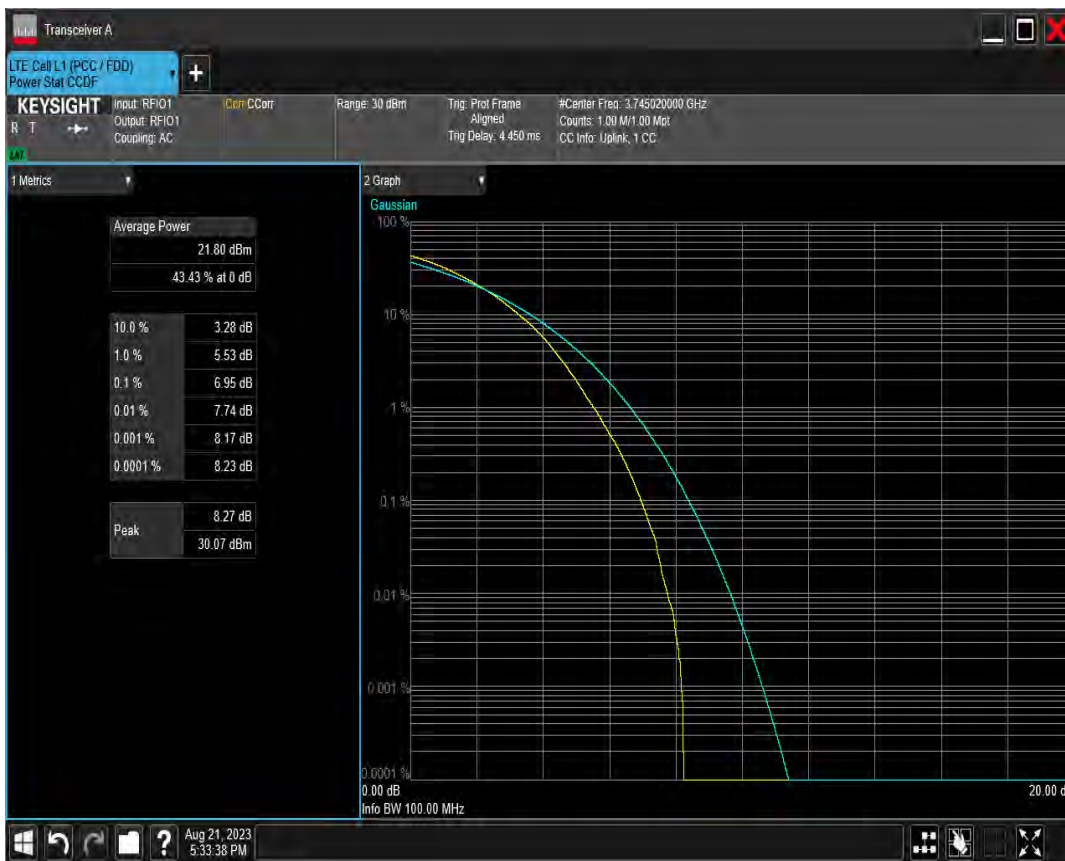
n78(3700-3800) SCS=30kHz DFT 64QAM BW=90MHz Channel=650000 RB=240@0



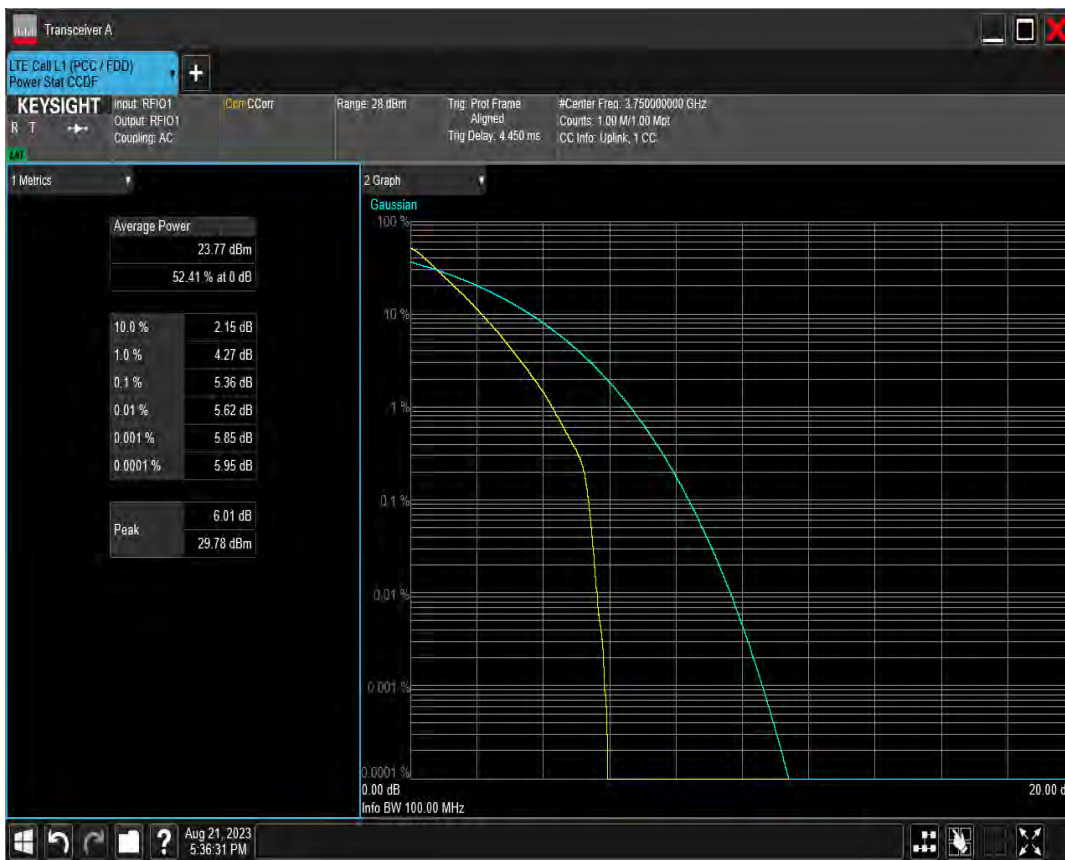
n78(3700-3800) SCS=30kHz DFT 64QAM BW=80MHz Channel=650666 RB=216@0



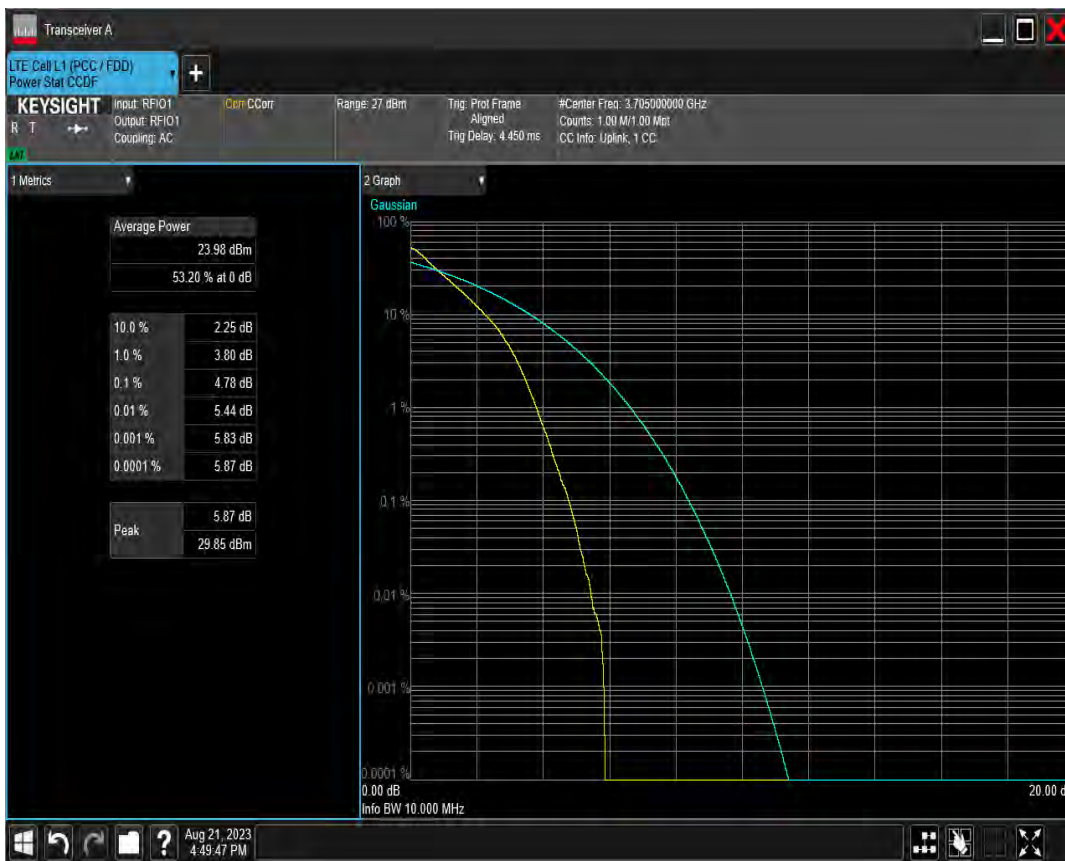
n78(3700-3800) SCS=30kHz DFT 64QAM BW=90MHz Channel=649668 RB=240@0



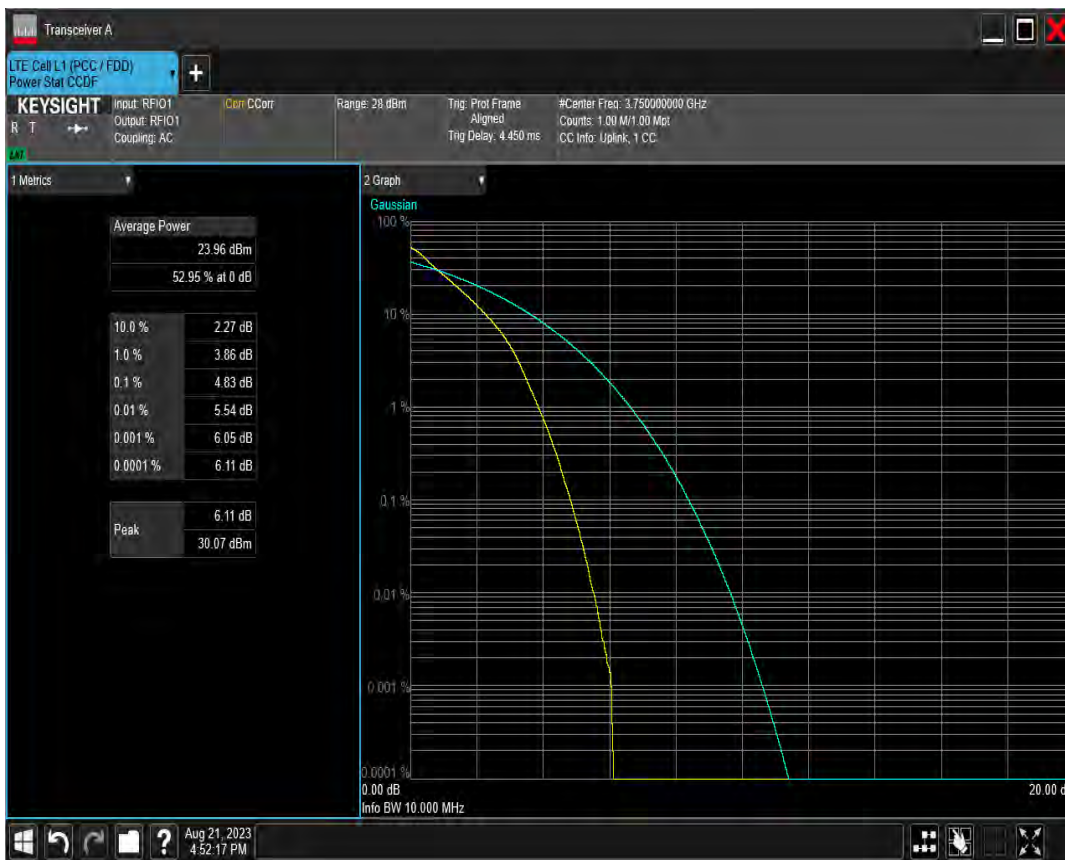
n78(3700-3800) SCS=30kHz DFT BPSK BW=100MHz Channel=650000 RB=270@0



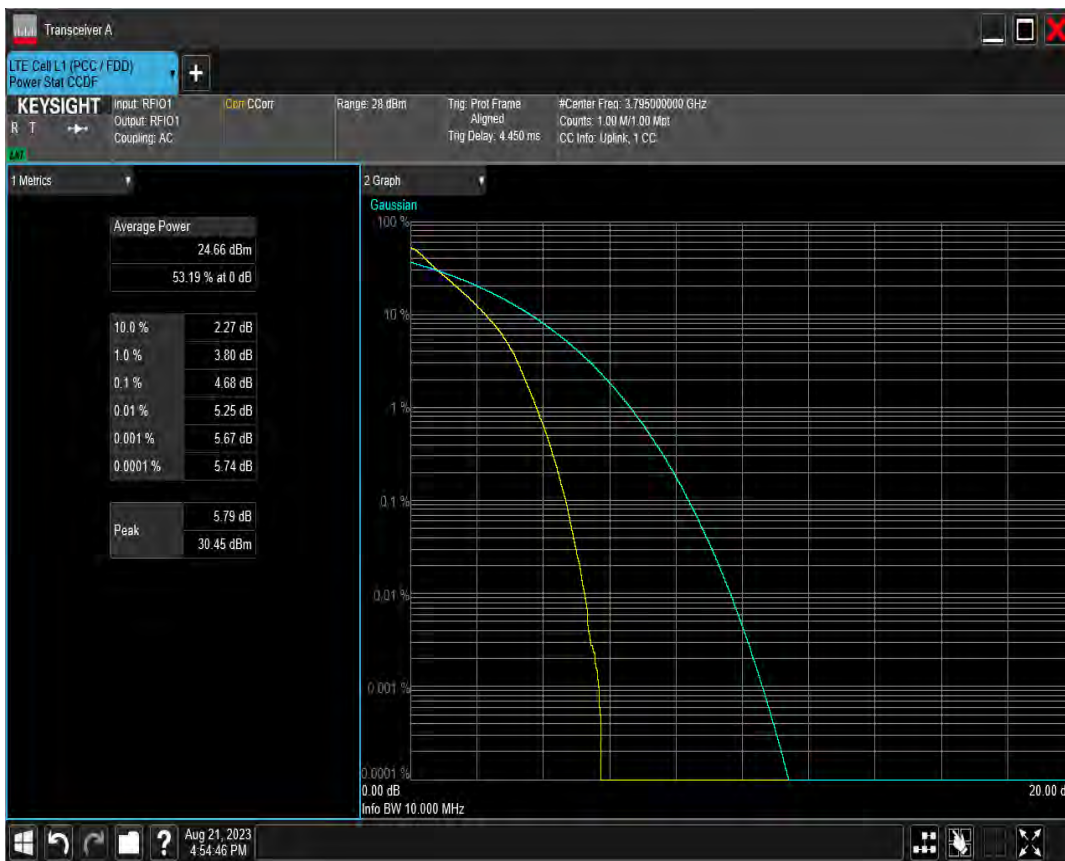
n78(3700-3800) SCS=30kHz DFT BPSK BW=10MHz Channel=647000 RB=24@0



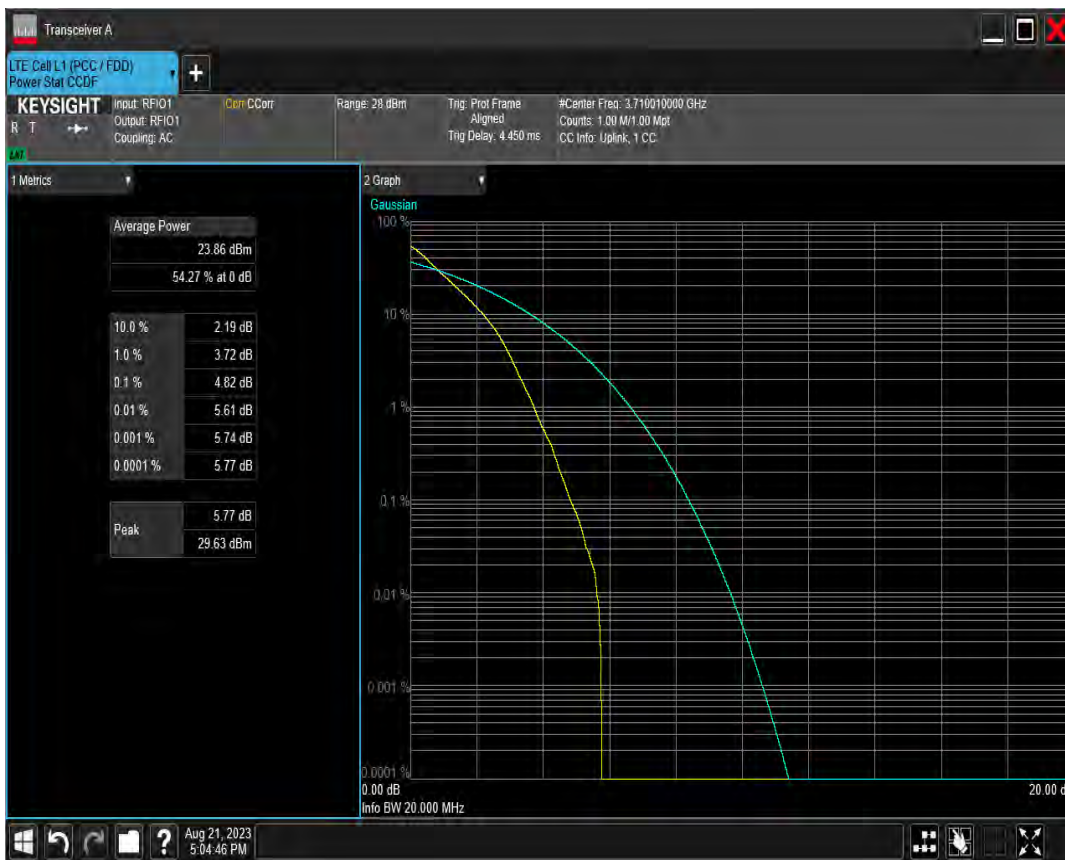
n78(3700-3800) SCS=30kHz DFT BPSK BW=10MHz Channel=650000 RB=24@0



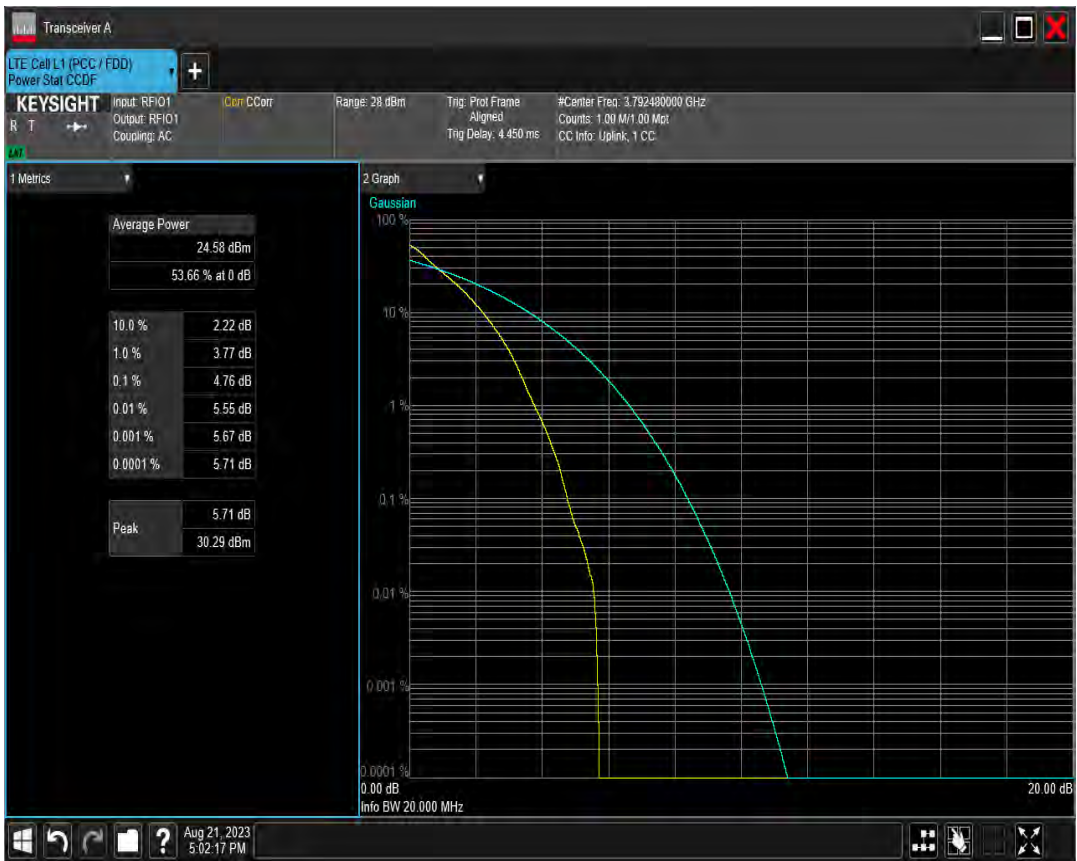
n78(3700-3800) SCS=30kHz DFT BPSK BW=10MHz Channel=653000 RB=24@0



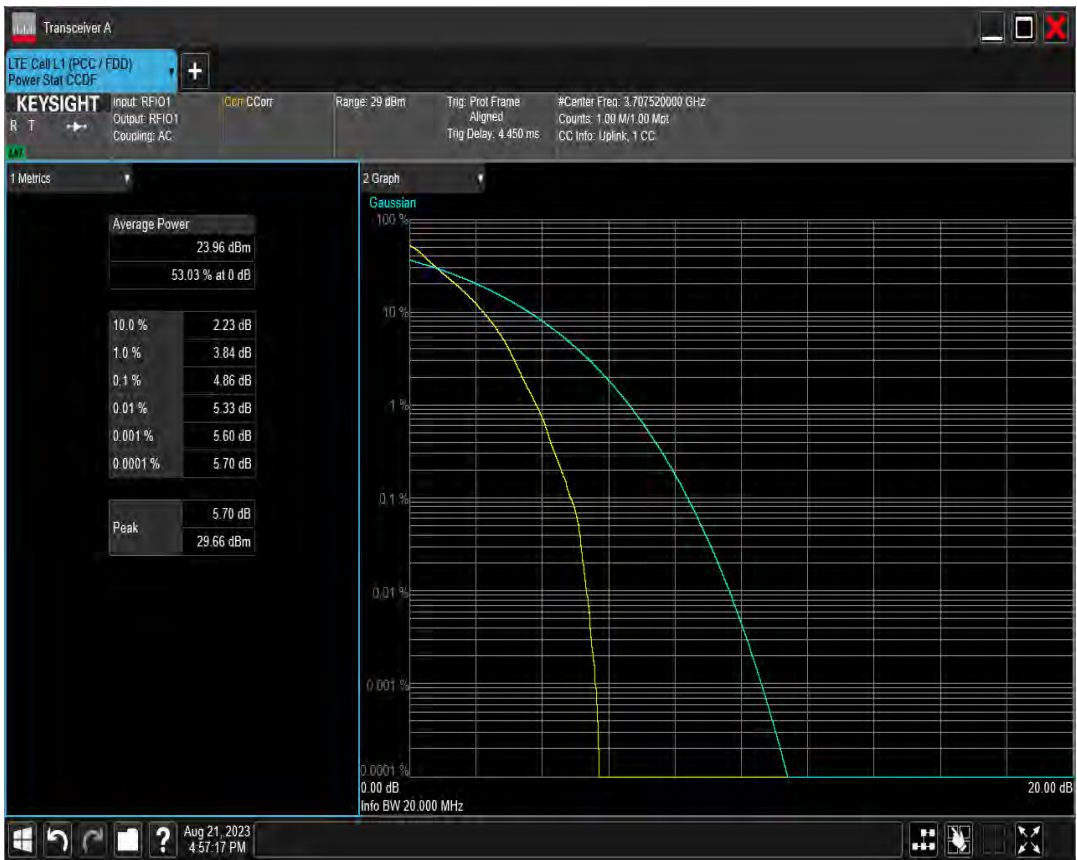
n78(3700-3800) SCS=30kHz DFT BPSK BW=20MHz Channel=647334 RB=50@0



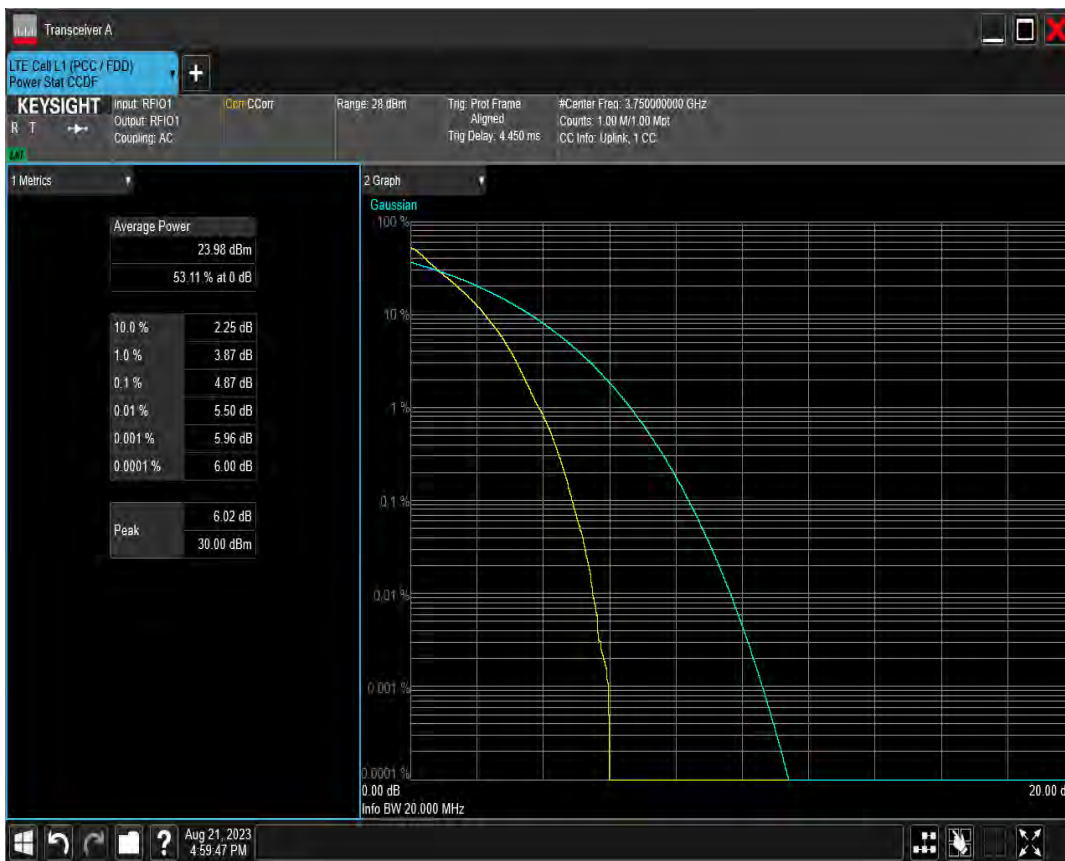
n78(3700-3800) SCS=30kHz DFT BPSK BW=15MHz Channel=652832 RB=36@0



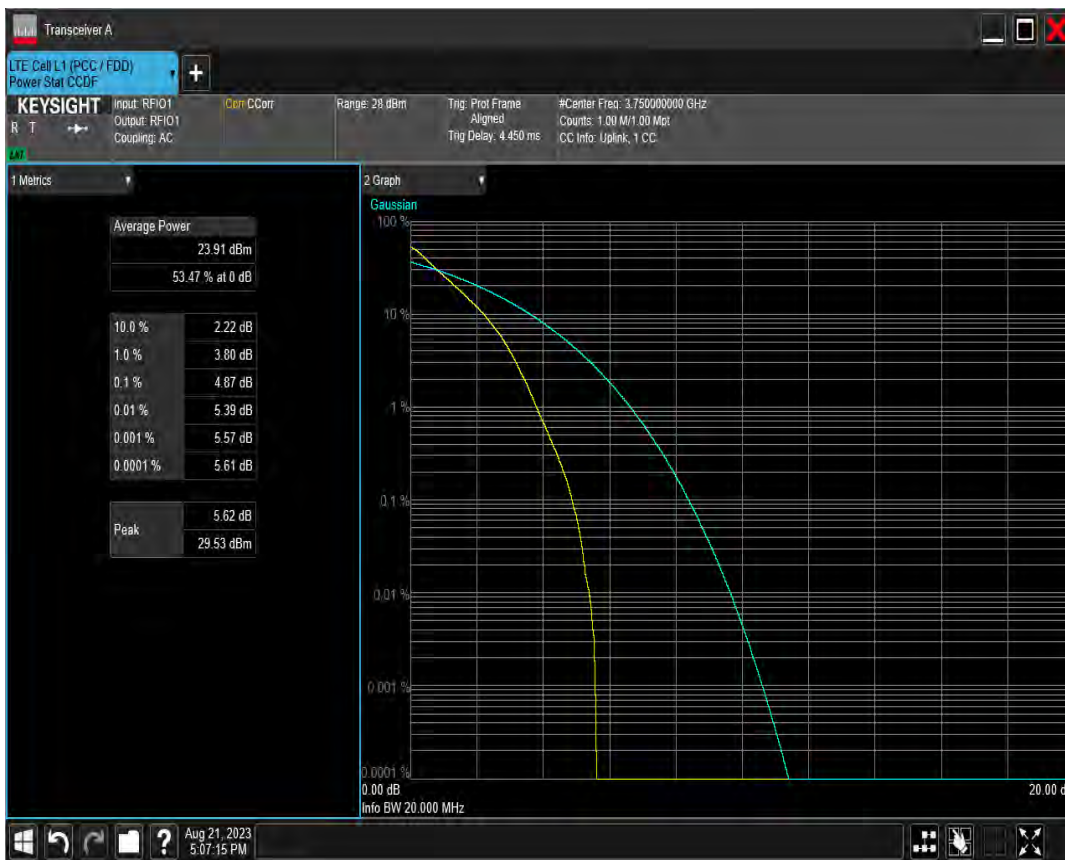
n78(3700-3800) SCS=30kHz DFT BPSK BW=15MHz Channel=647168 RB=36@0



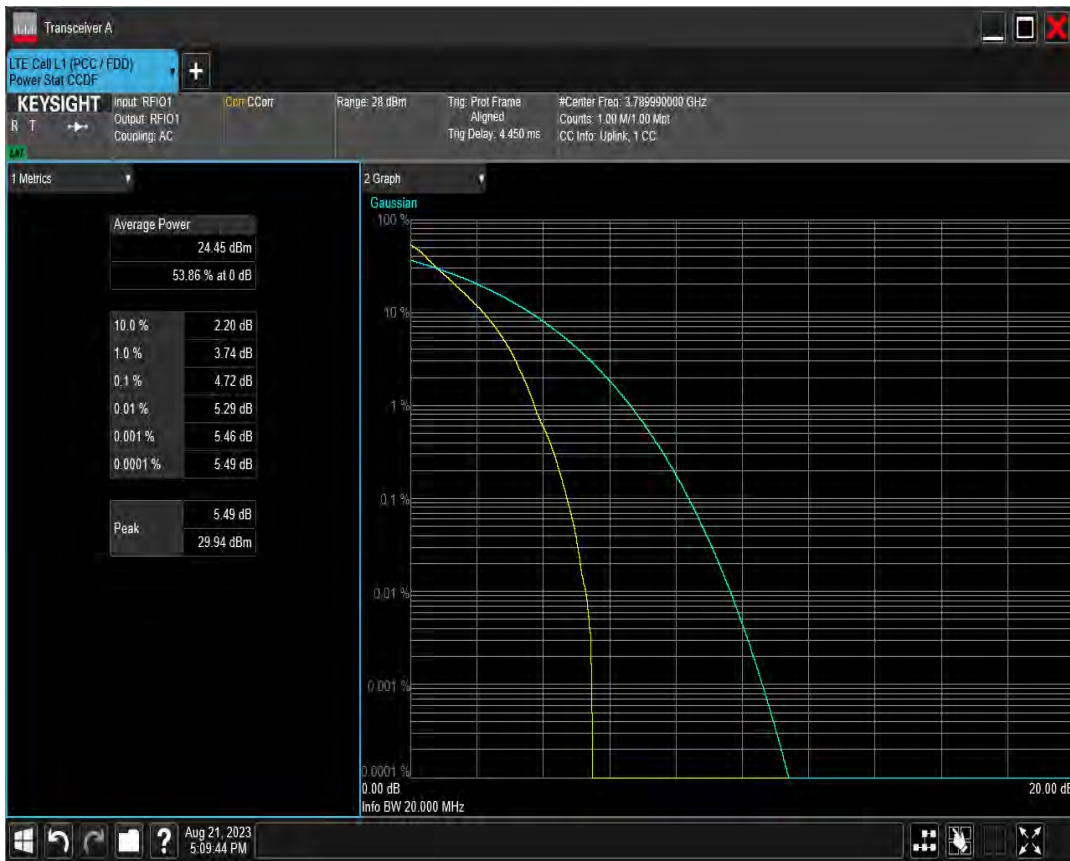
n78(3700-3800) SCS=30kHz DFT BPSK BW=15MHz Channel=650000 RB=36@0



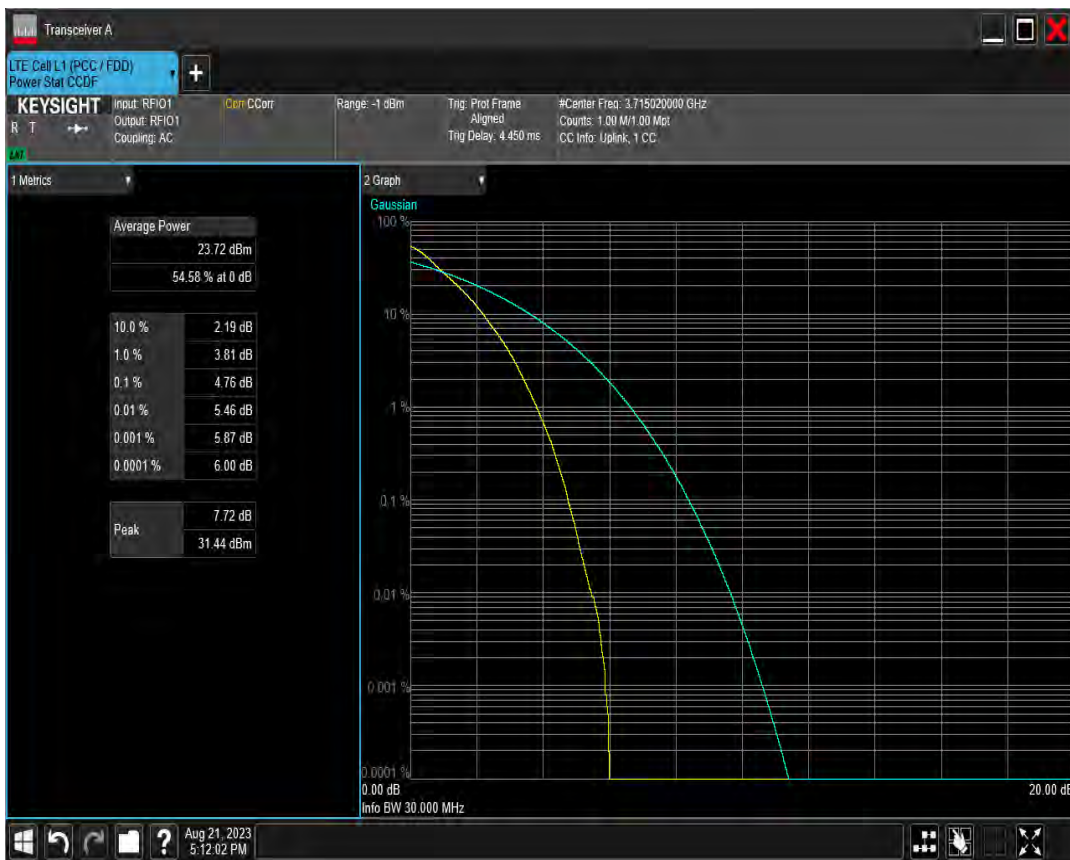
n78(3700-3800) SCS=30kHz DFT BPSK BW=20MHz Channel=650000 RB=50@0



n78(3700-3800) SCS=30kHz DFT BPSK BW=20MHz Channel=652666 RB=50@0

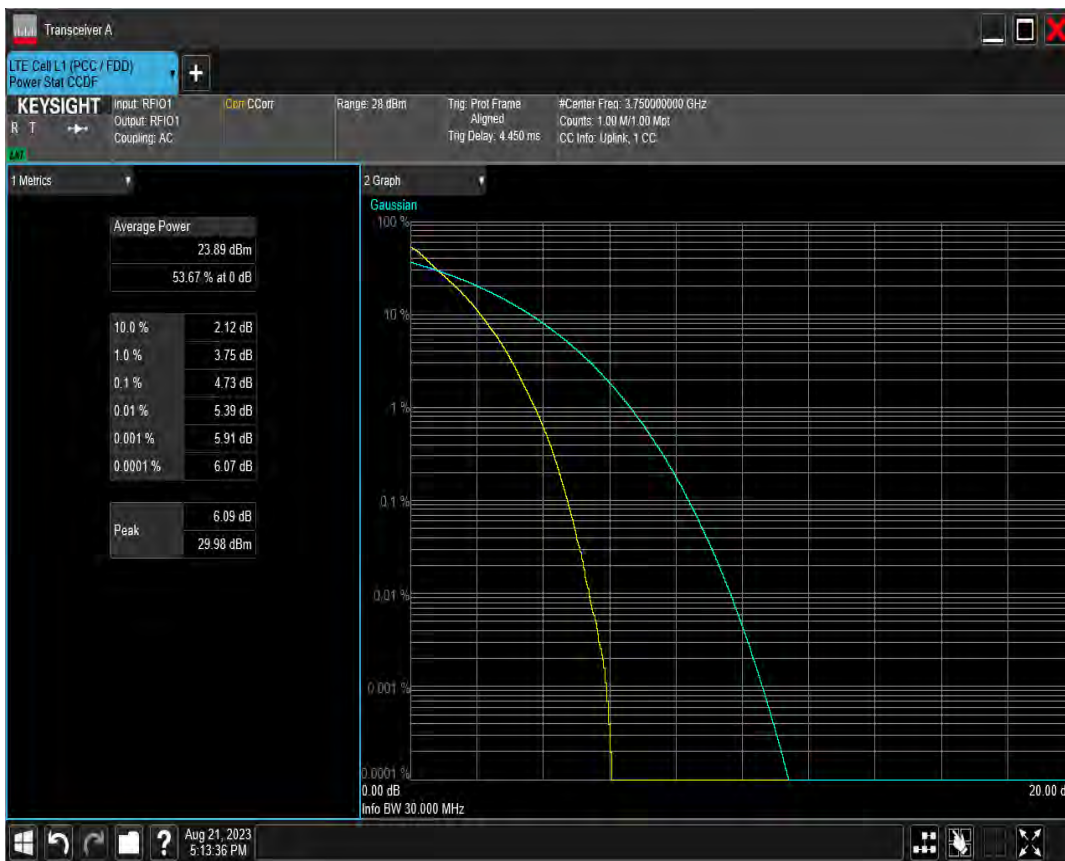


n78(3700-3800) SCS=30kHz DFT BPSK BW=30MHz Channel=647668 RB=75@0

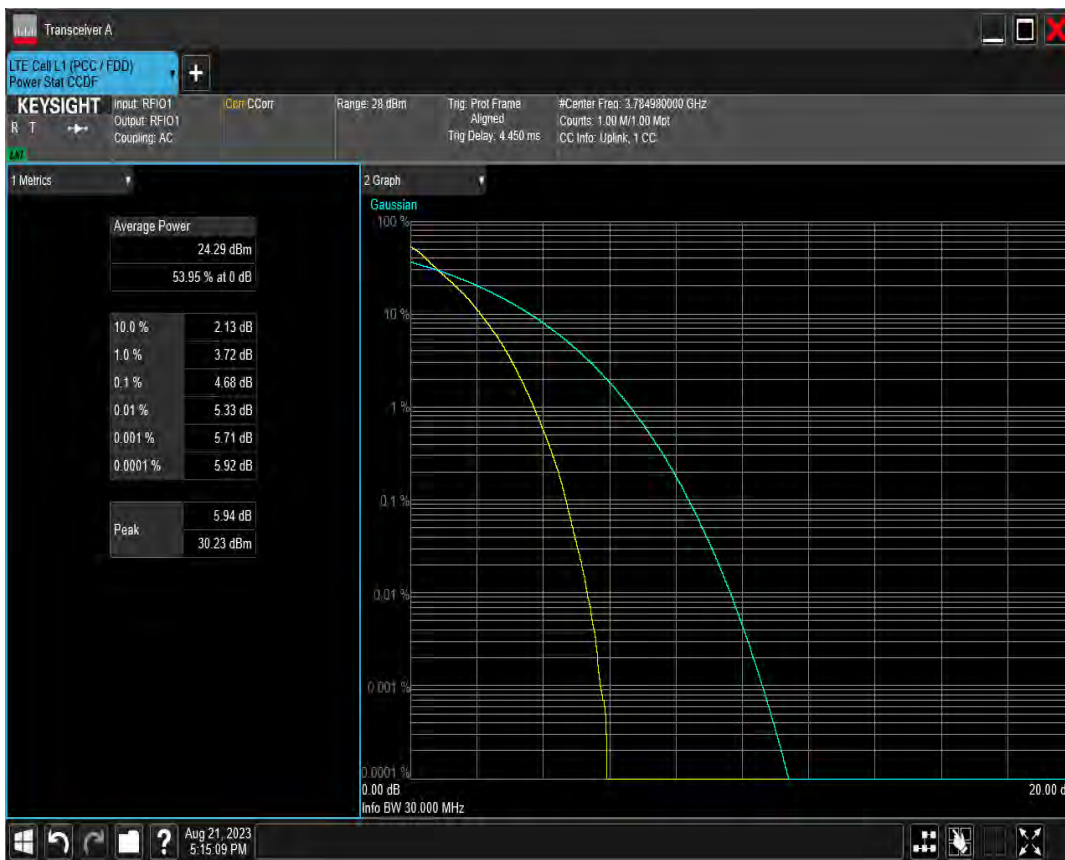


n78(3700-3800) SCS=30kHz DFT BPSK BW=30MHz Channel=650000 RB=75@0

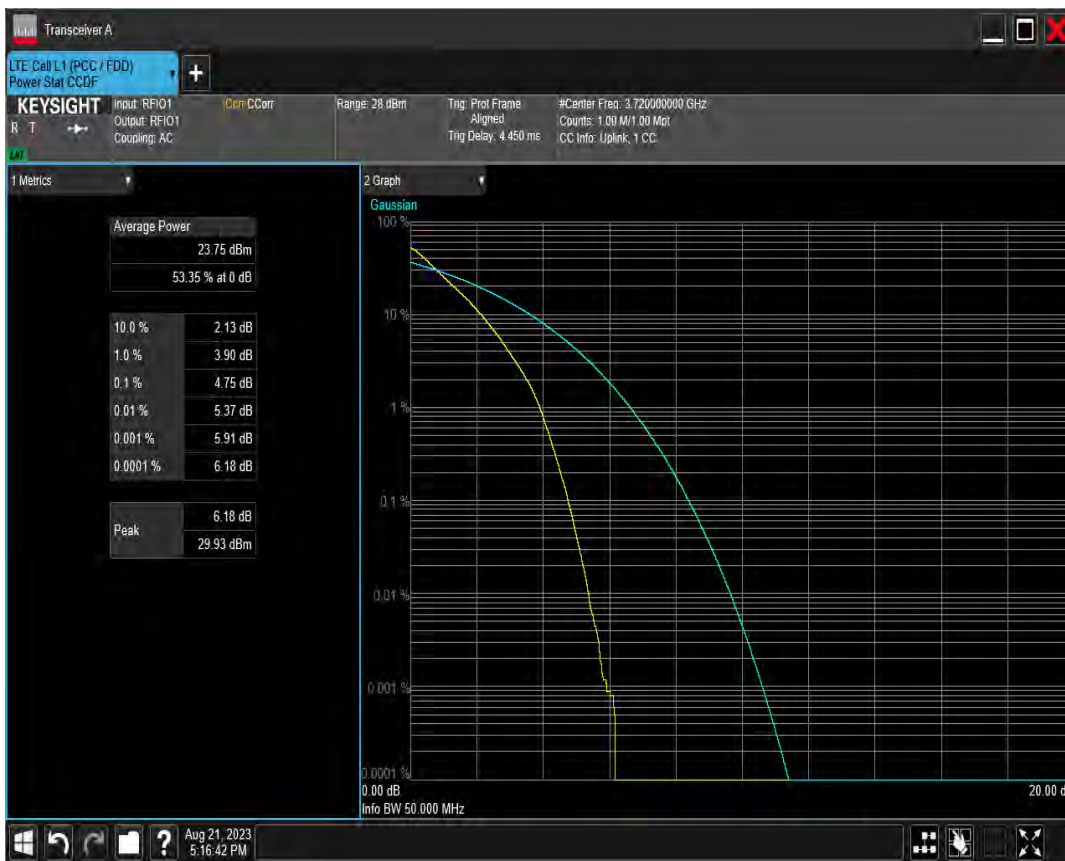




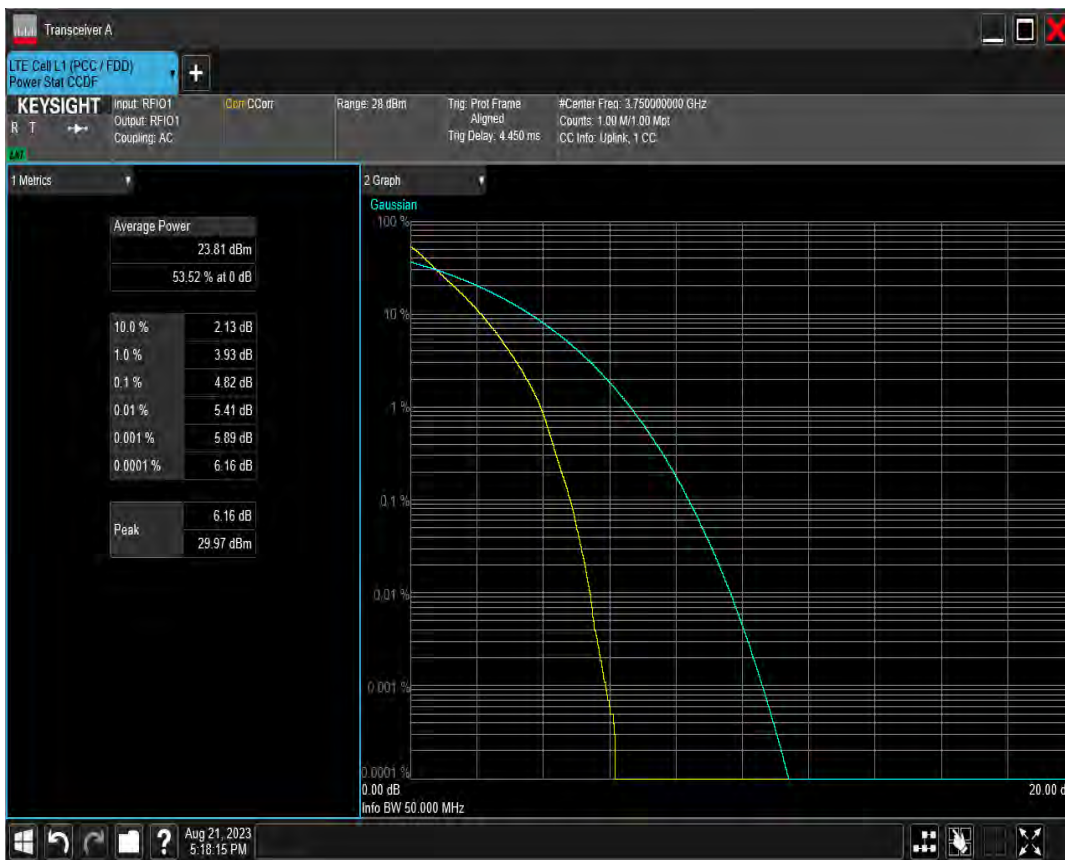
n78(3700-3800) SCS=30kHz DFT BPSK BW=30MHz Channel=652332 RB=75@0



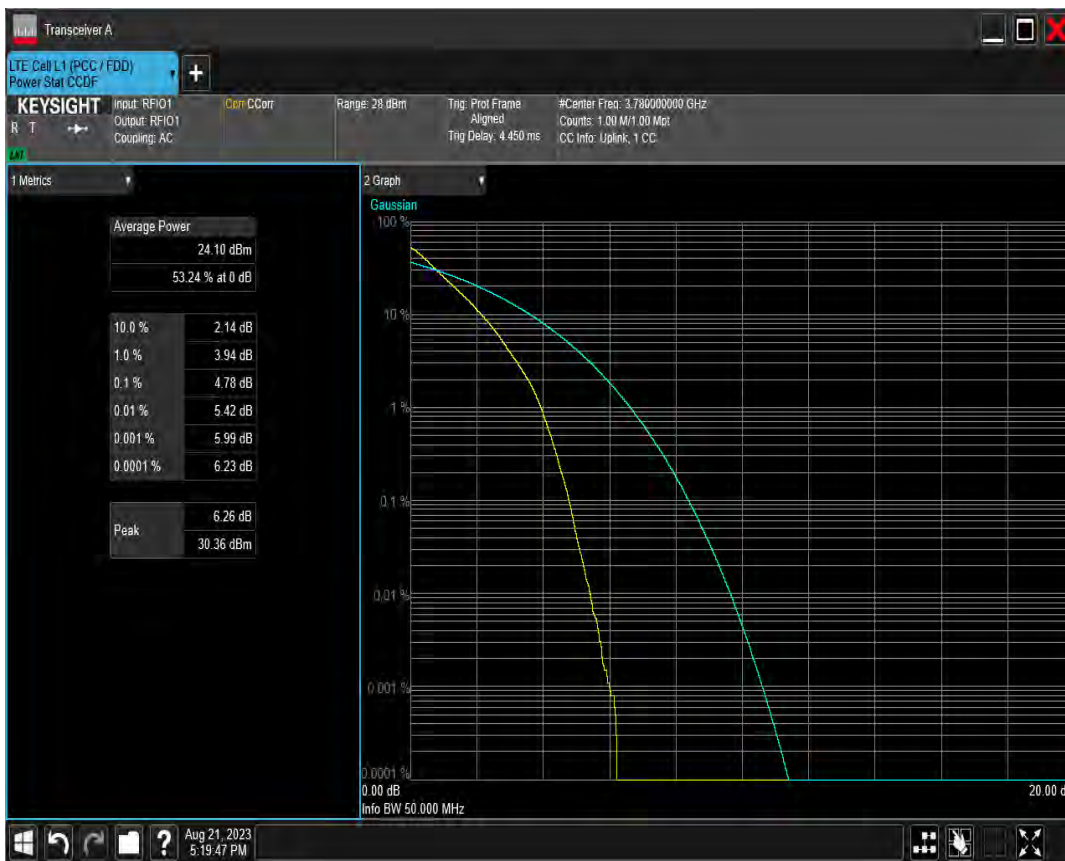
n78(3700-3800) SCS=30kHz DFT BPSK BW=40MHz Channel=648000 RB=100@0



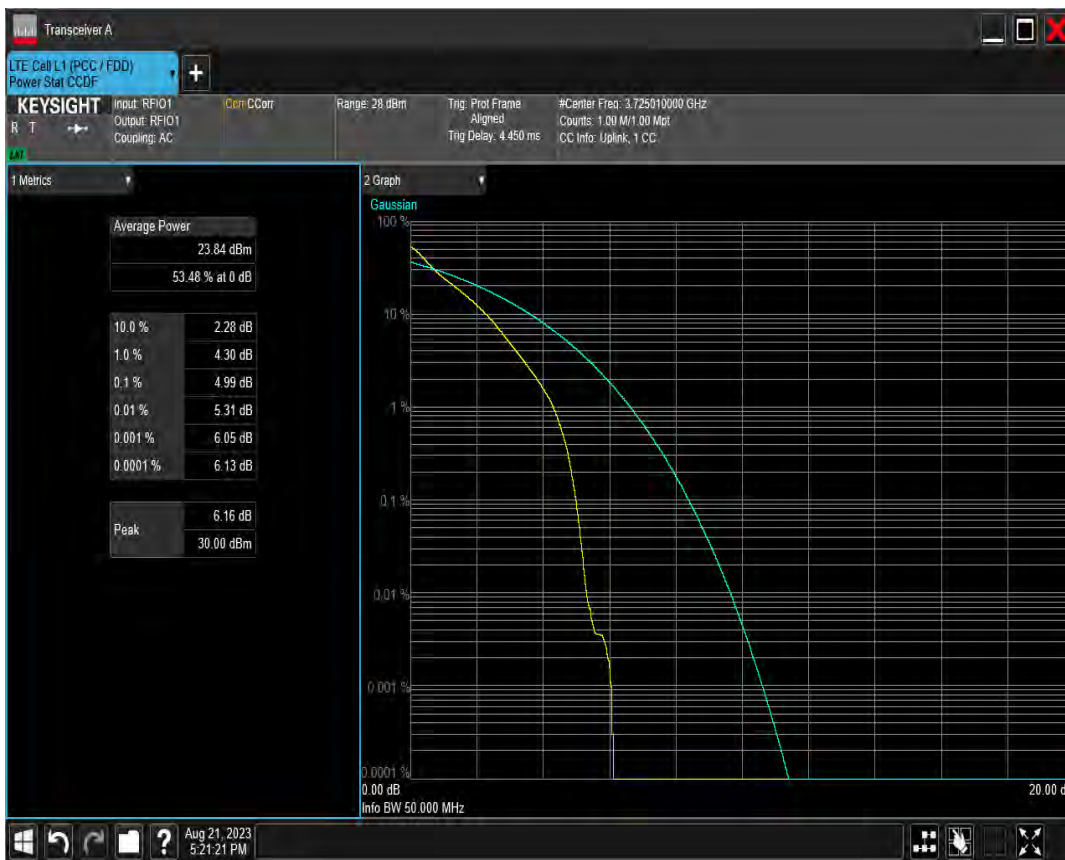
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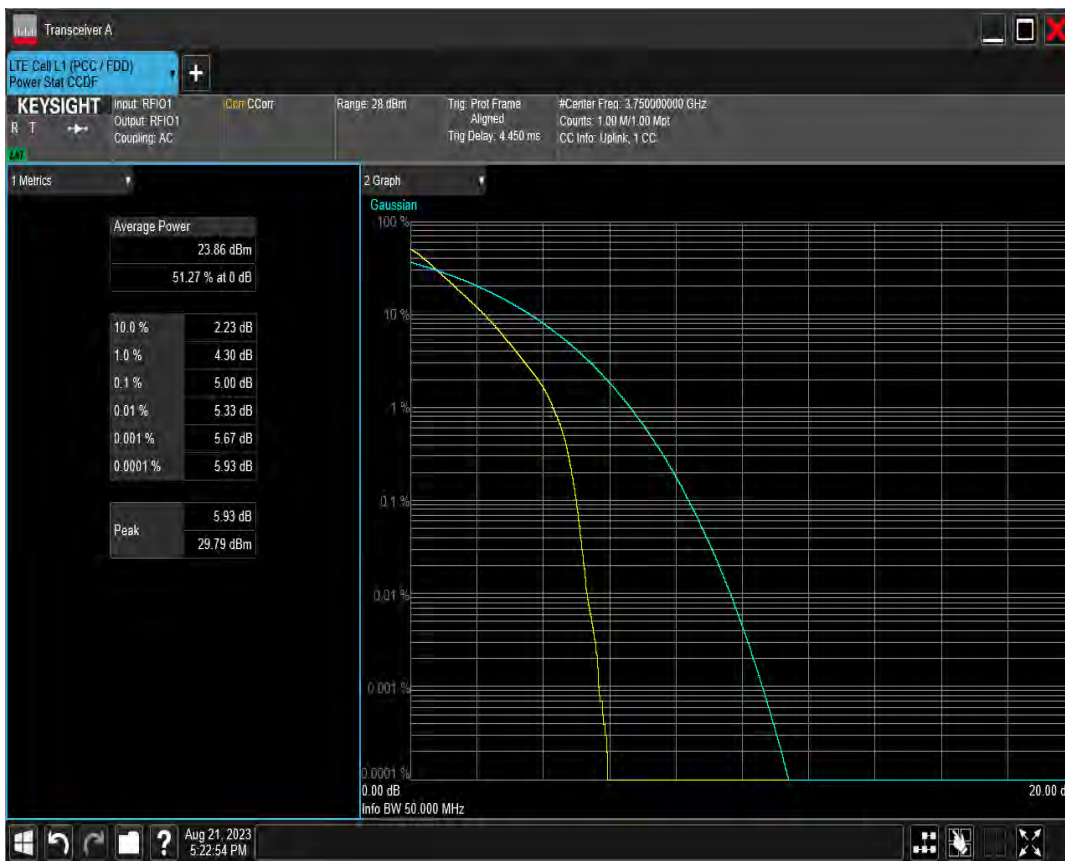
n78(3700-3800) SCS=30kHz DFT BPSK BW=40MHz Channel=652000 RB=100@0



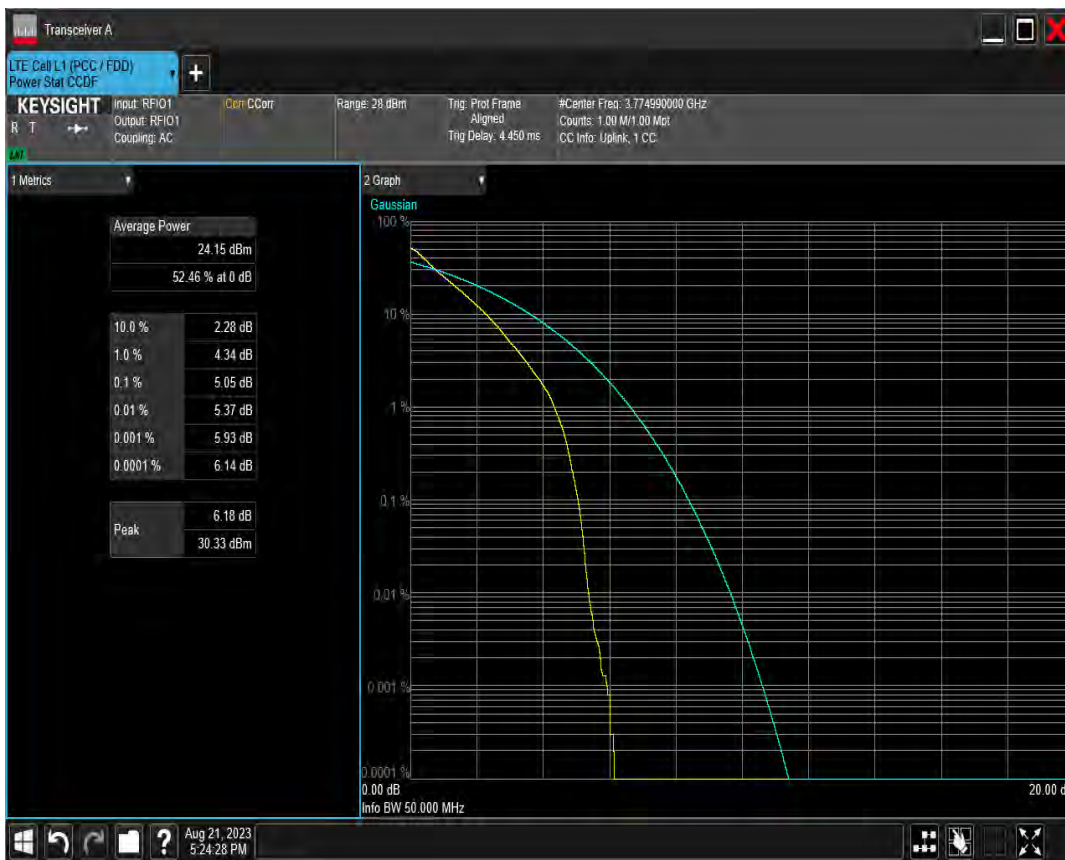
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=648334 RB=128@0



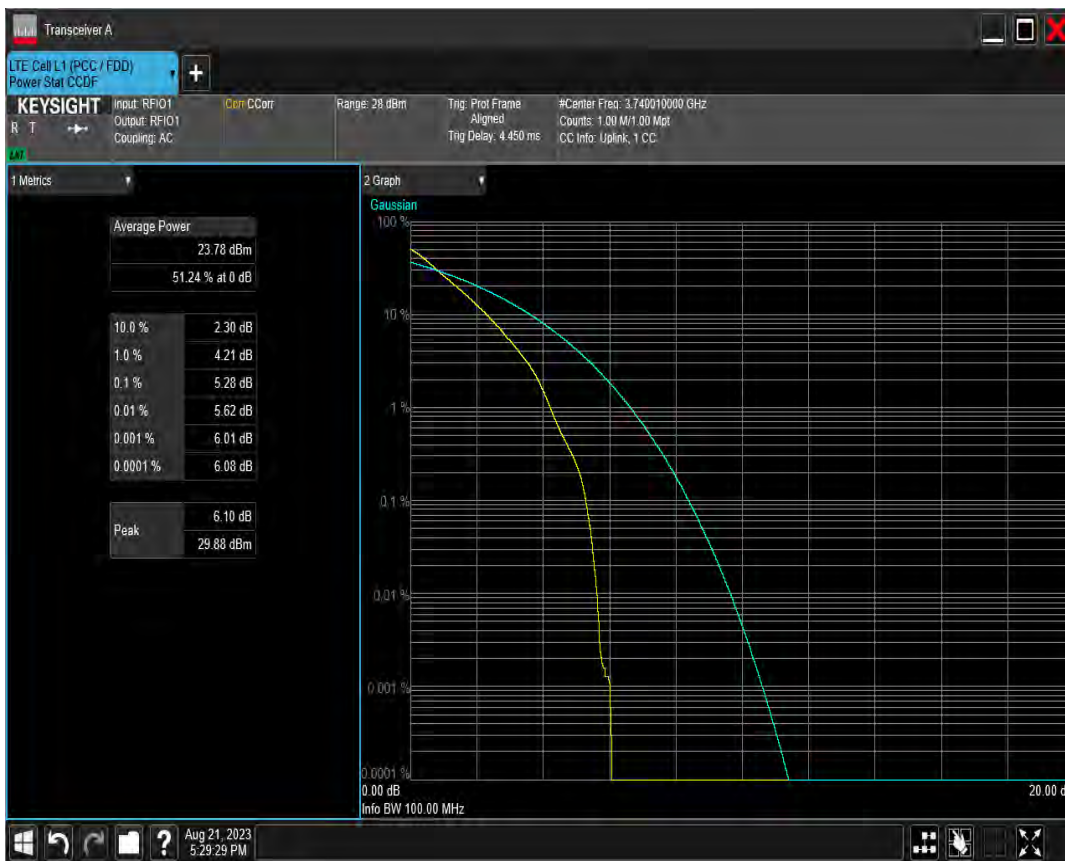
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=650000 RB=128@0



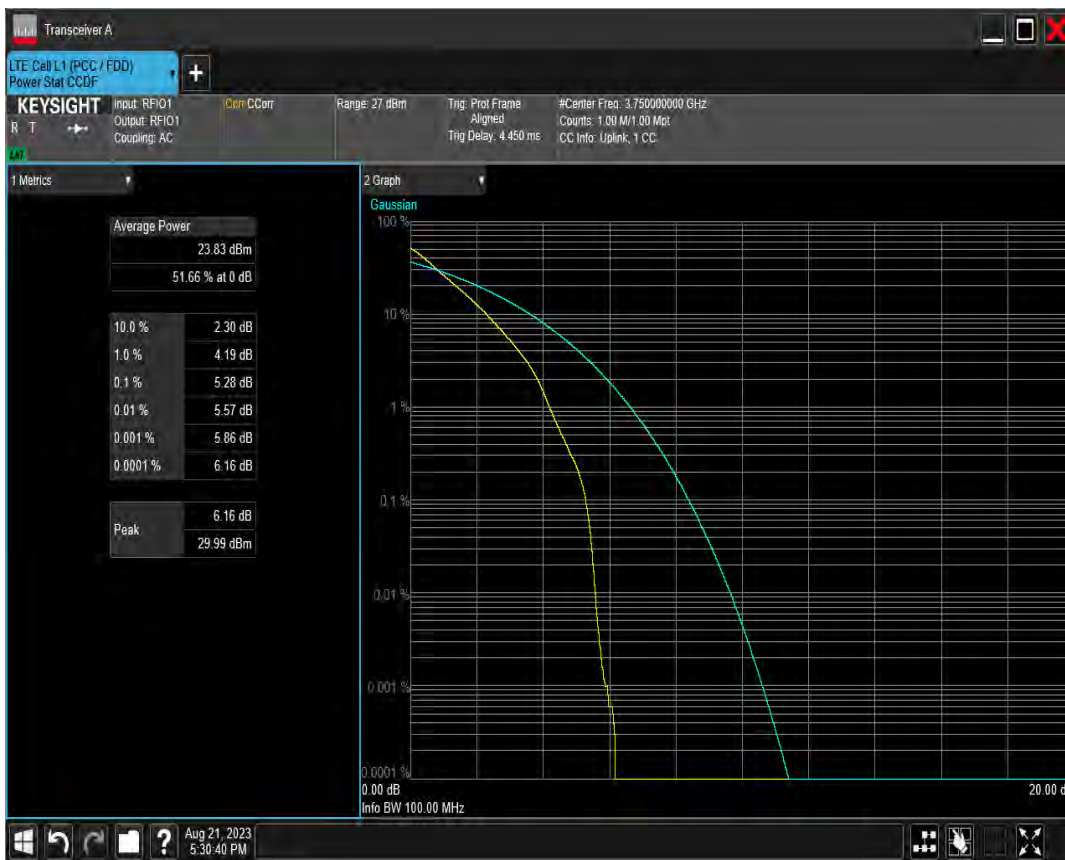
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=651666 RB=128@0



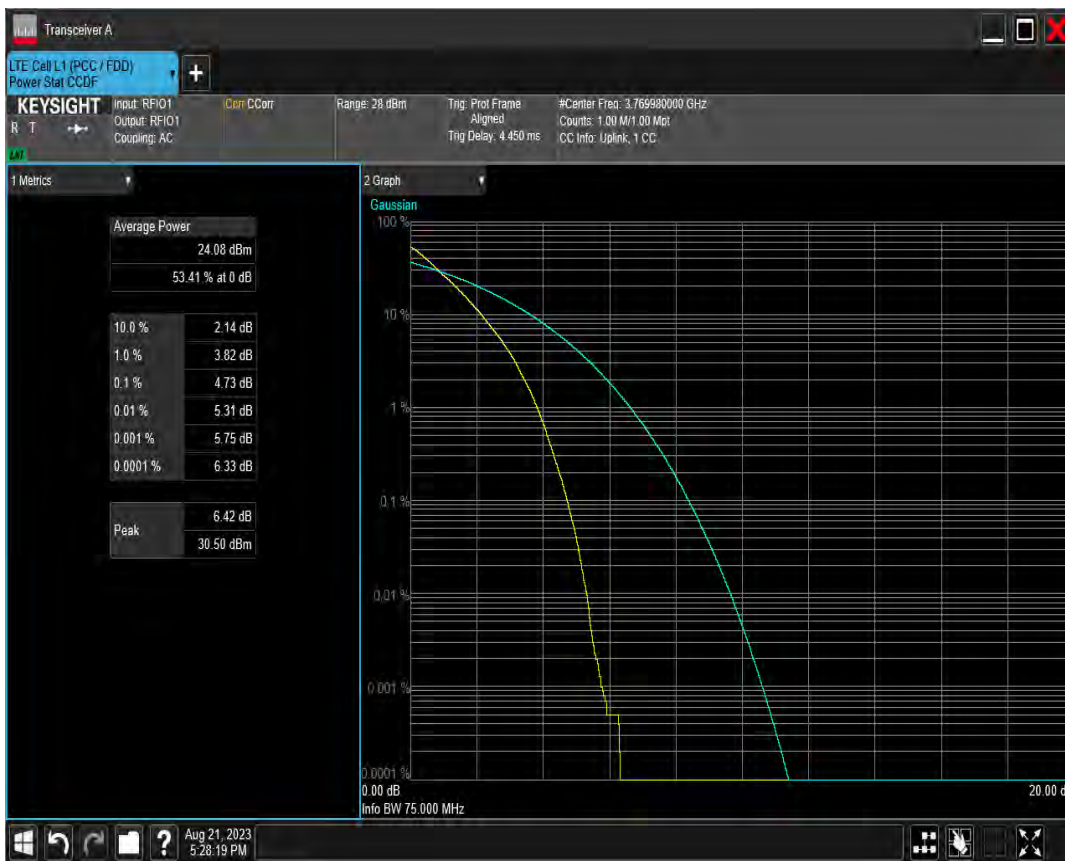
n78(3700-3800) SCS=30kHz DFT BPSK BW=80MHz Channel=649334 RB=216@0



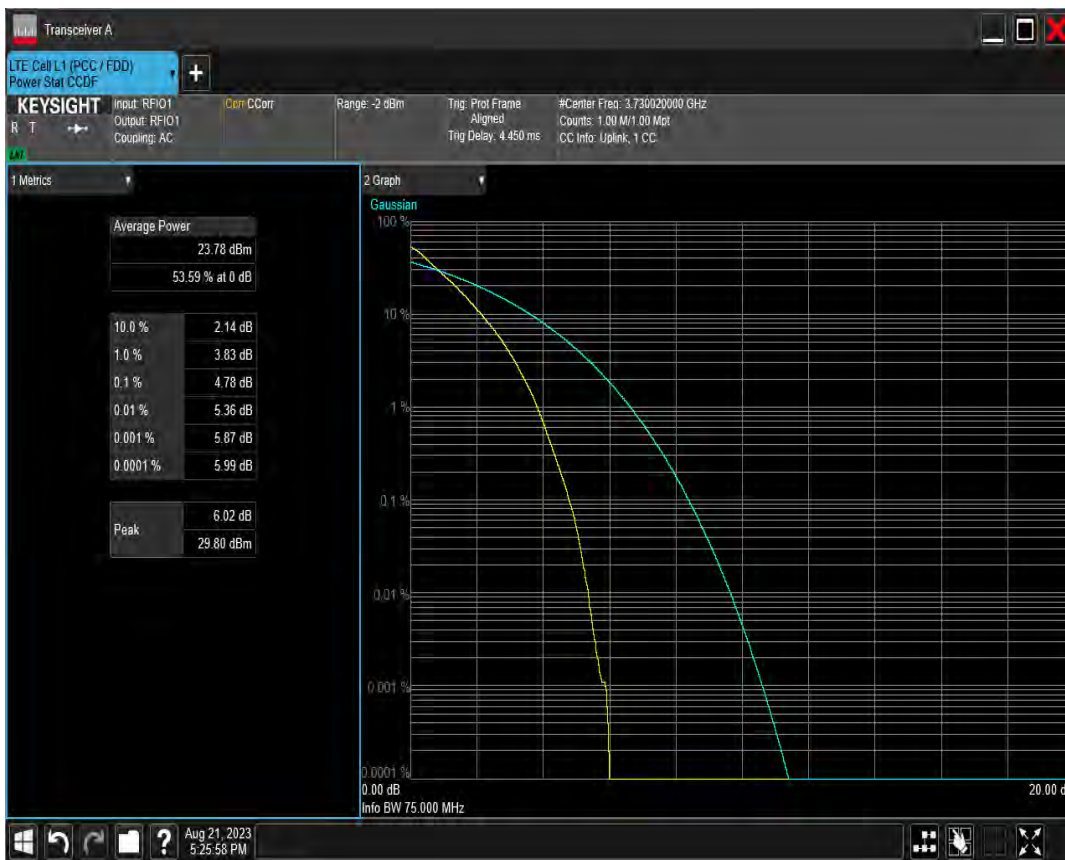
n78(3700-3800) SCS=30kHz DFT BPSK BW=80MHz Channel=650000 RB=216@0



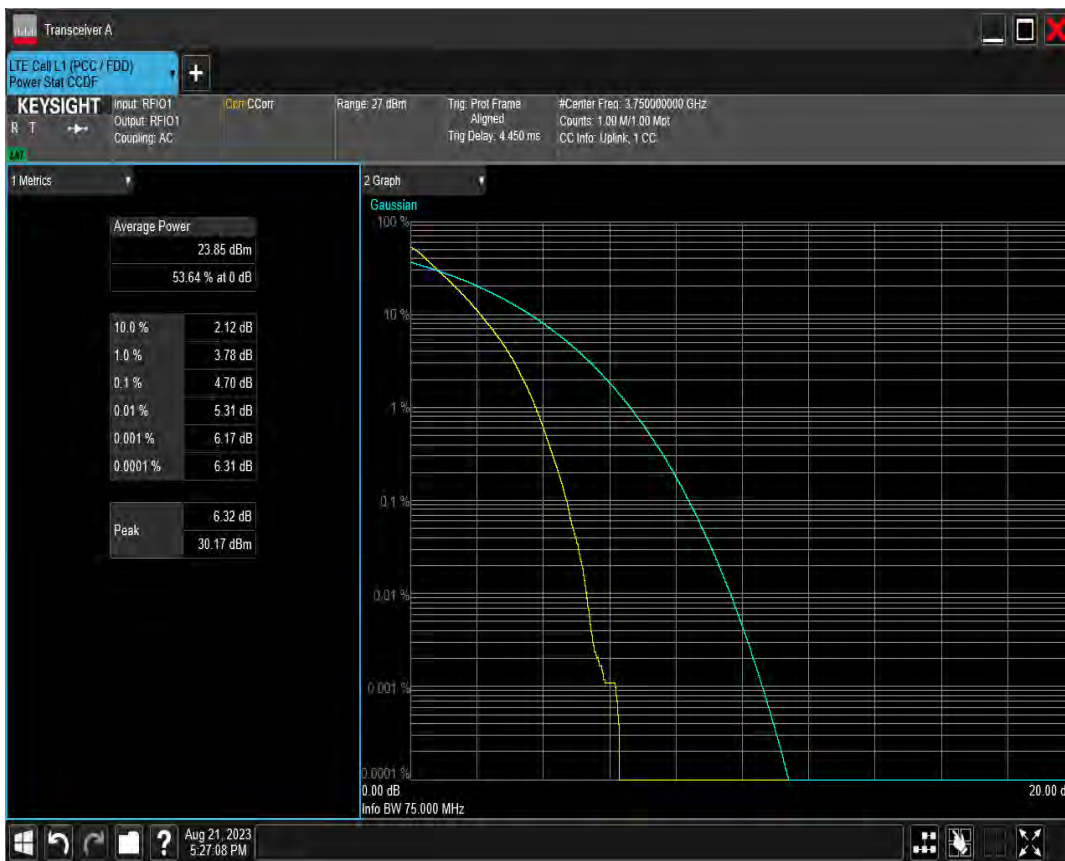
n78(3700-3800) SCS=30kHz DFT BPSK BW=60MHz Channel=651332 RB=162@0



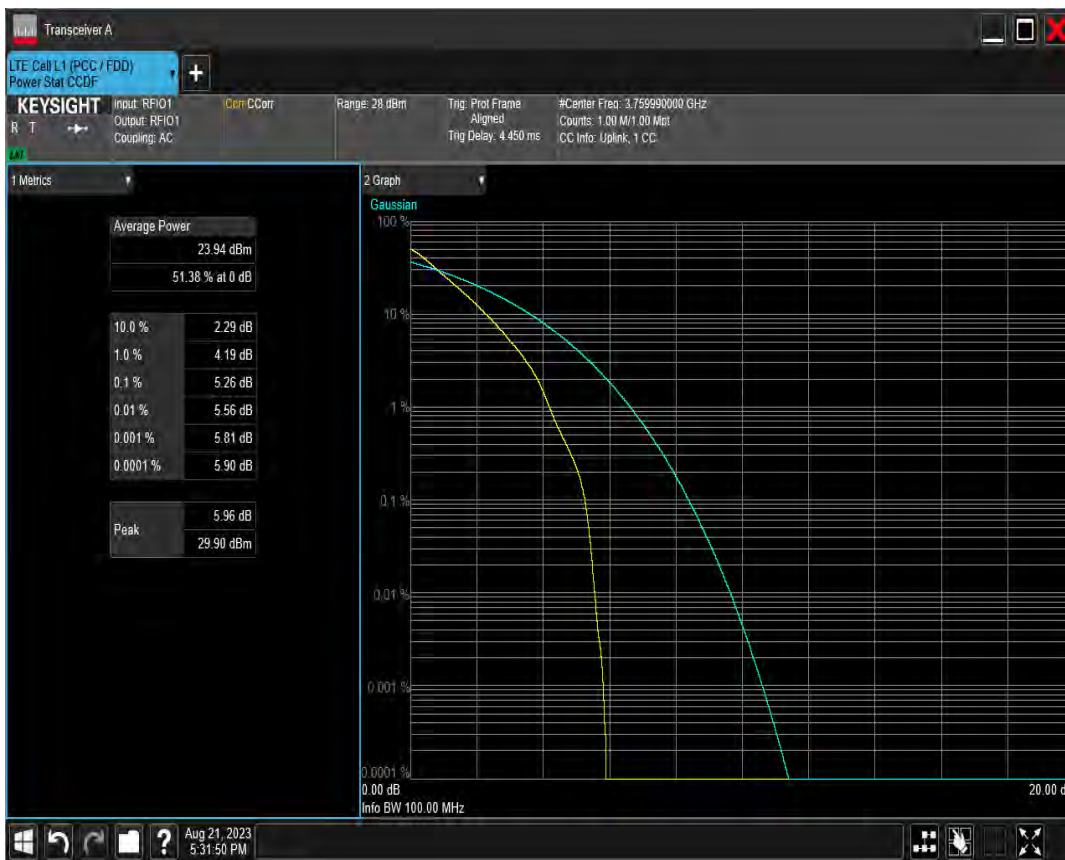
n78(3700-3800) SCS=30kHz DFT BPSK BW=60MHz Channel=648668 RB=162 @0



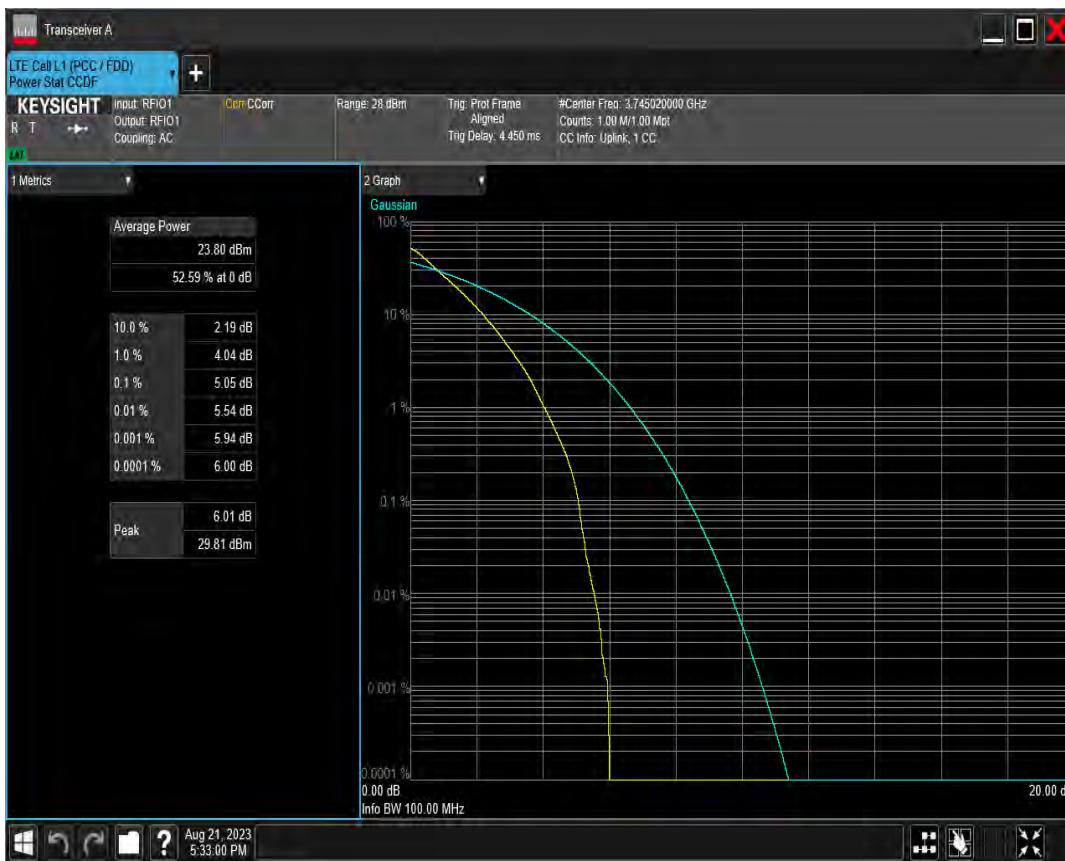
n78(3700-3800) SCS=30kHz DFT BPSK BW=60MHz Channel=650000 RB=162 @0



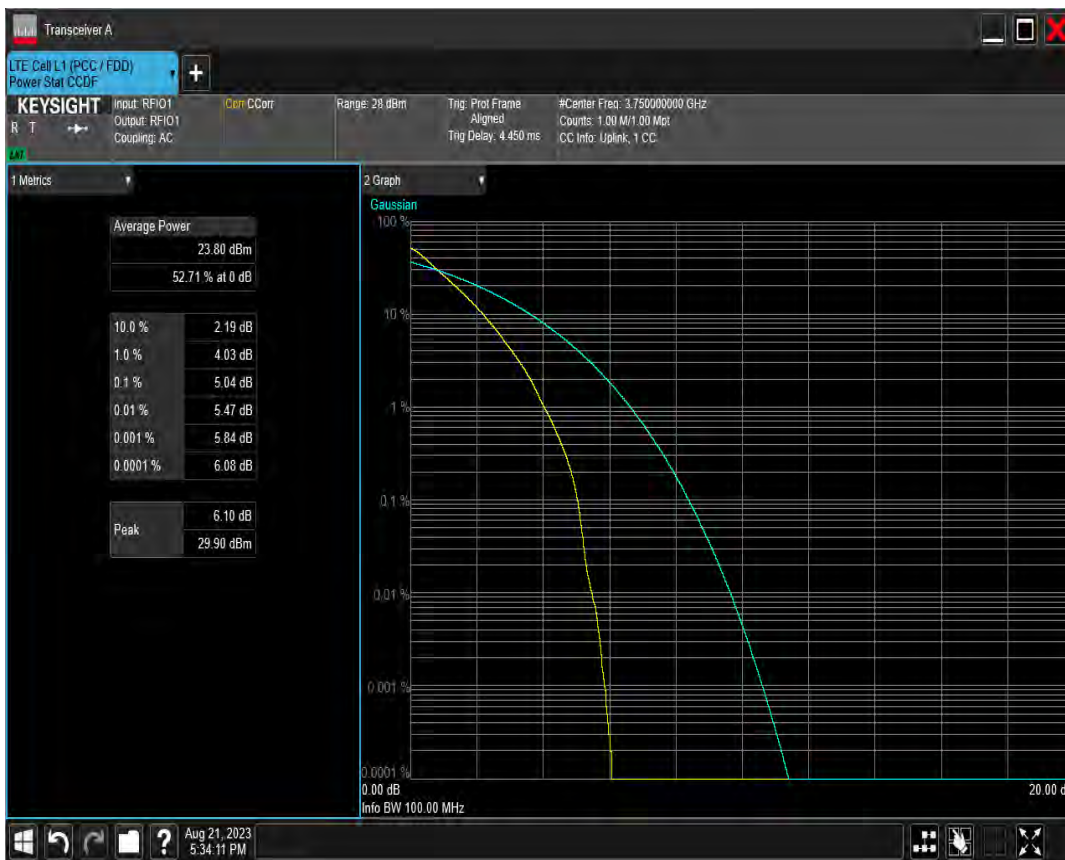
n78(3700-3800) SCS=30kHz DFT BPSK BW=80MHz Channel=650666 RB=216@0



n78(3700-3800) SCS=30kHz DFT BPSK BW=90MHz Channel=649668 RB=240@0

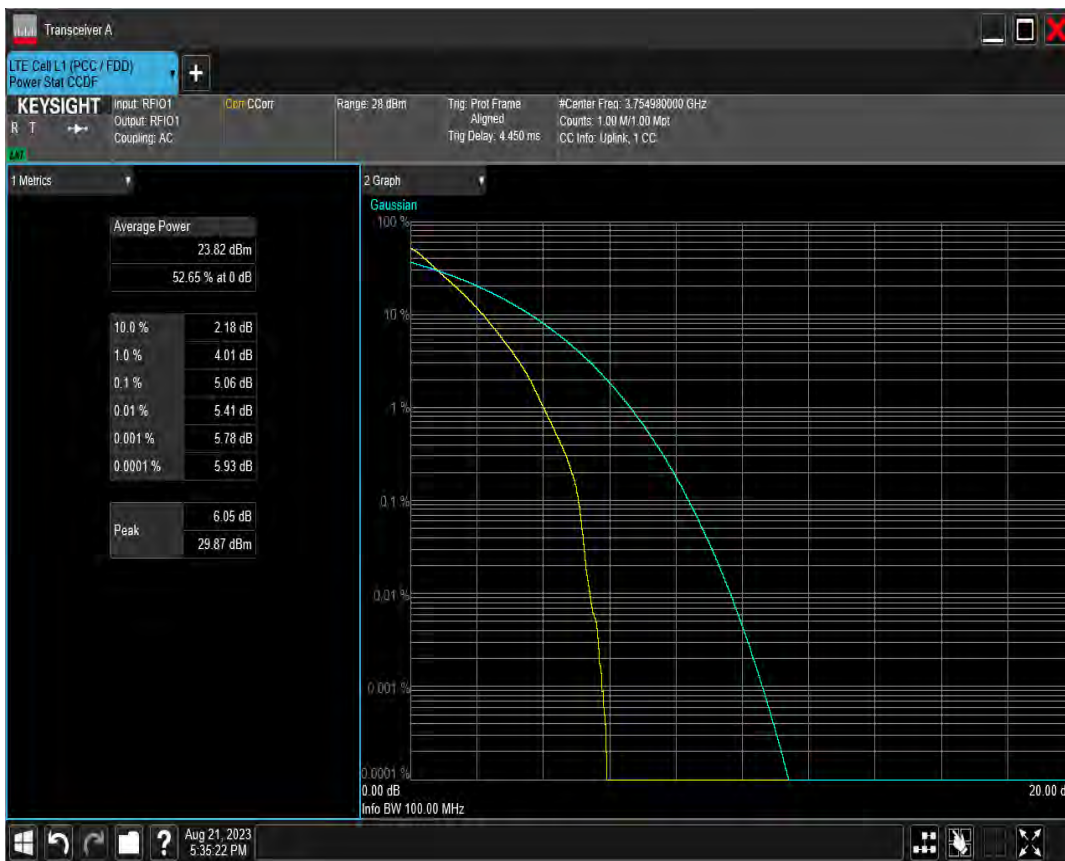


n78(3700-3800) SCS=30kHz DFT BPSK BW=90MHz Channel=650000 RB=240@0

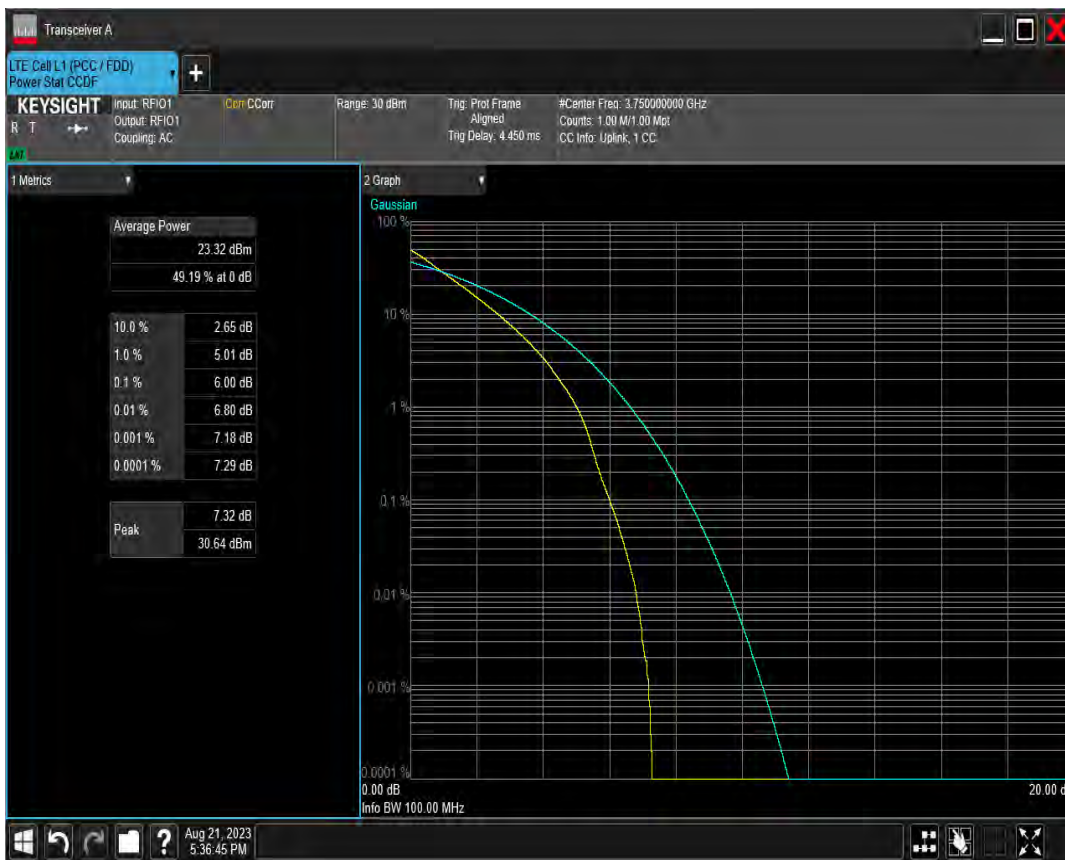


n78(3700-3800) SCS=30kHz DFT BPSK BW=90MHz Channel=650332 RB=240@0

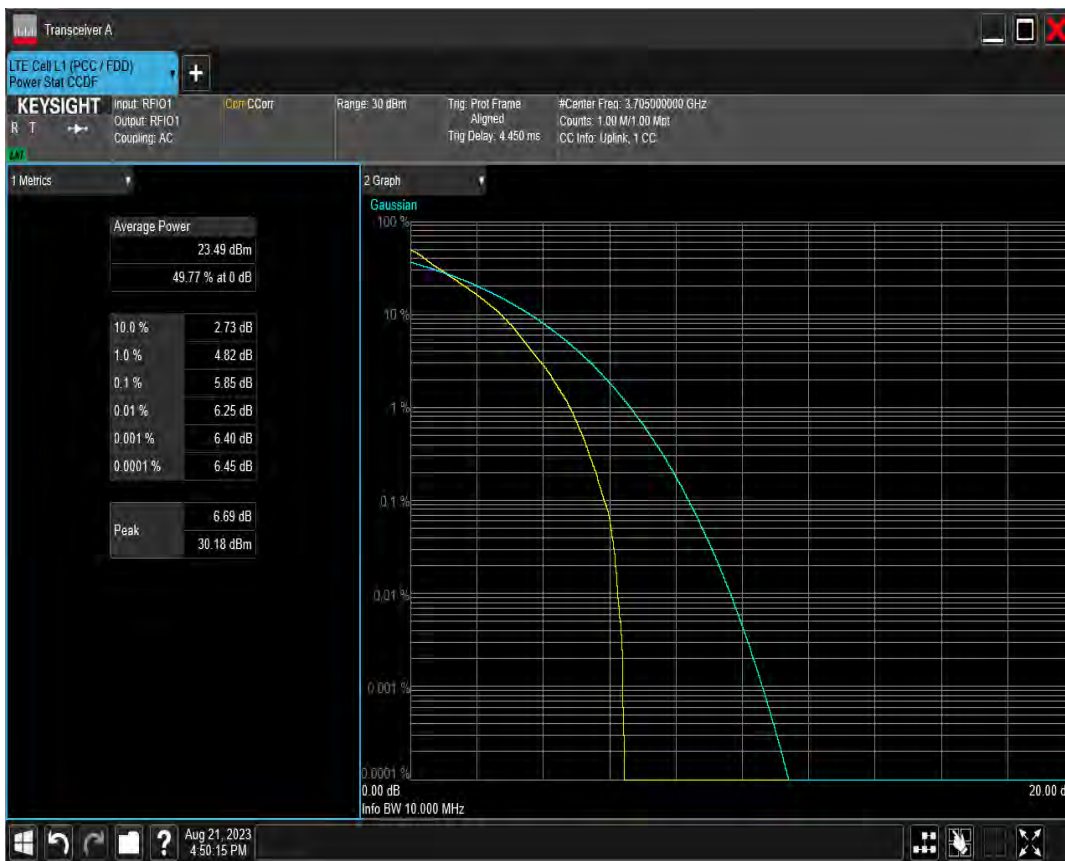




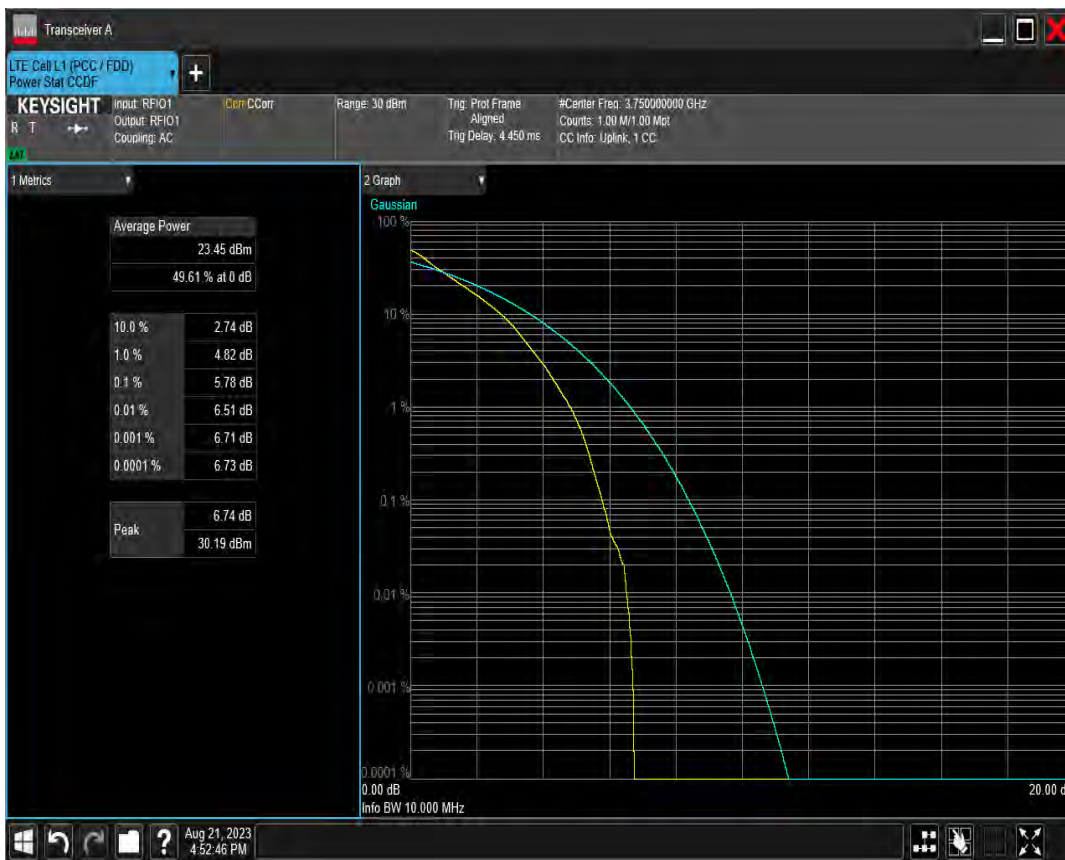
n78(3700-3800) SCS=30kHz DFT QPSK BW=100MHz Channel=650000 RB=270@0



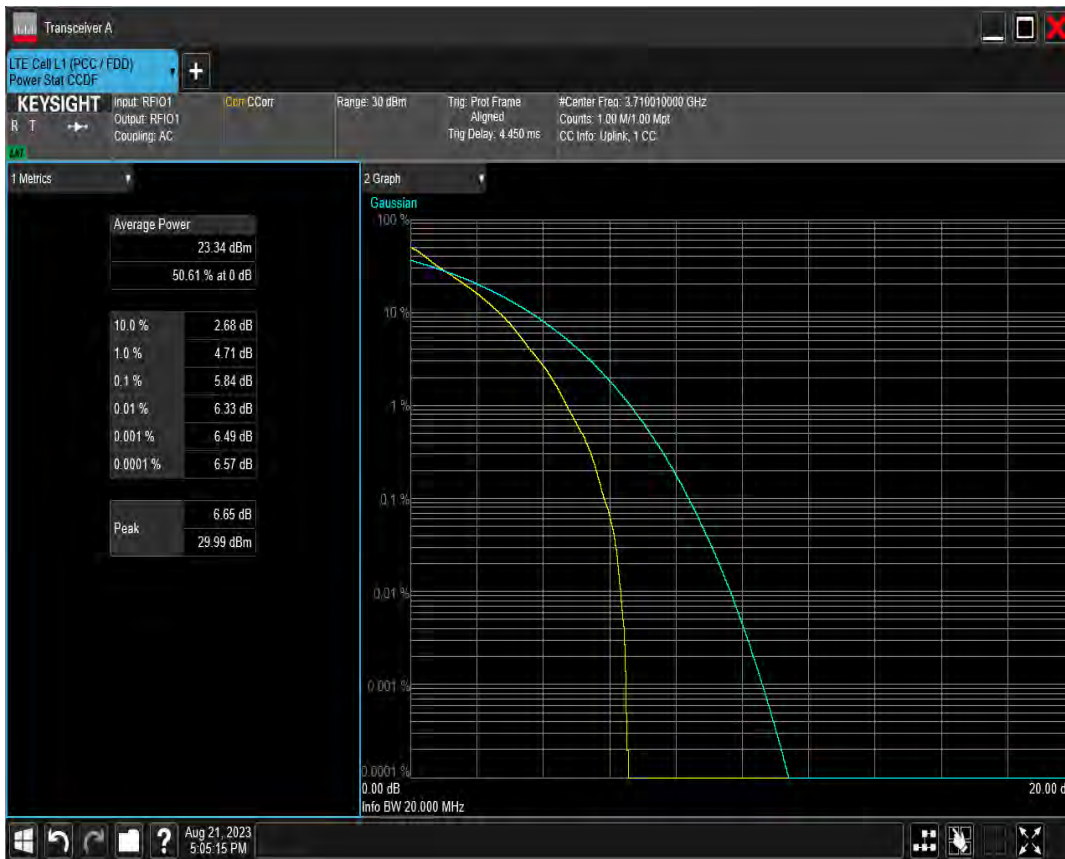
n78(3700-3800) SCS=30kHz DFT QPSK BW=10MHz Channel=647000 RB=24@0



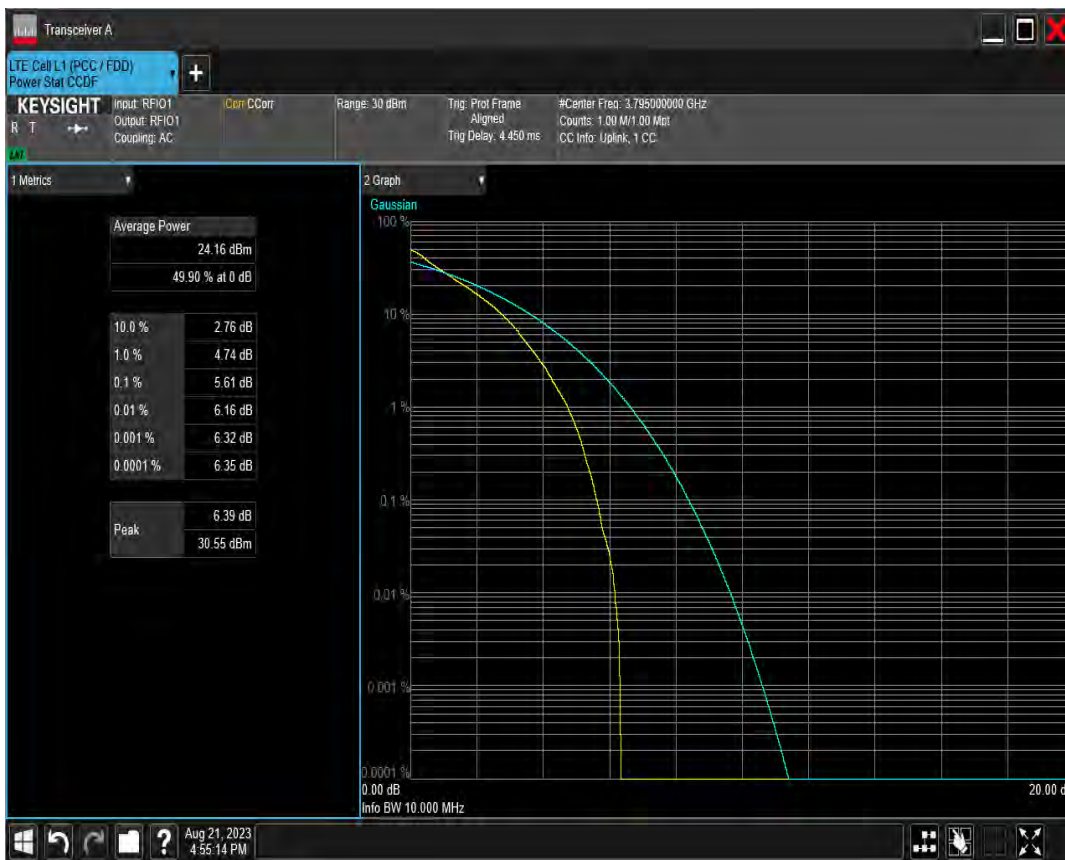
n78(3700-3800) SCS=30kHz DFT QPSK BW=10MHz Channel=650000 RB=24@0



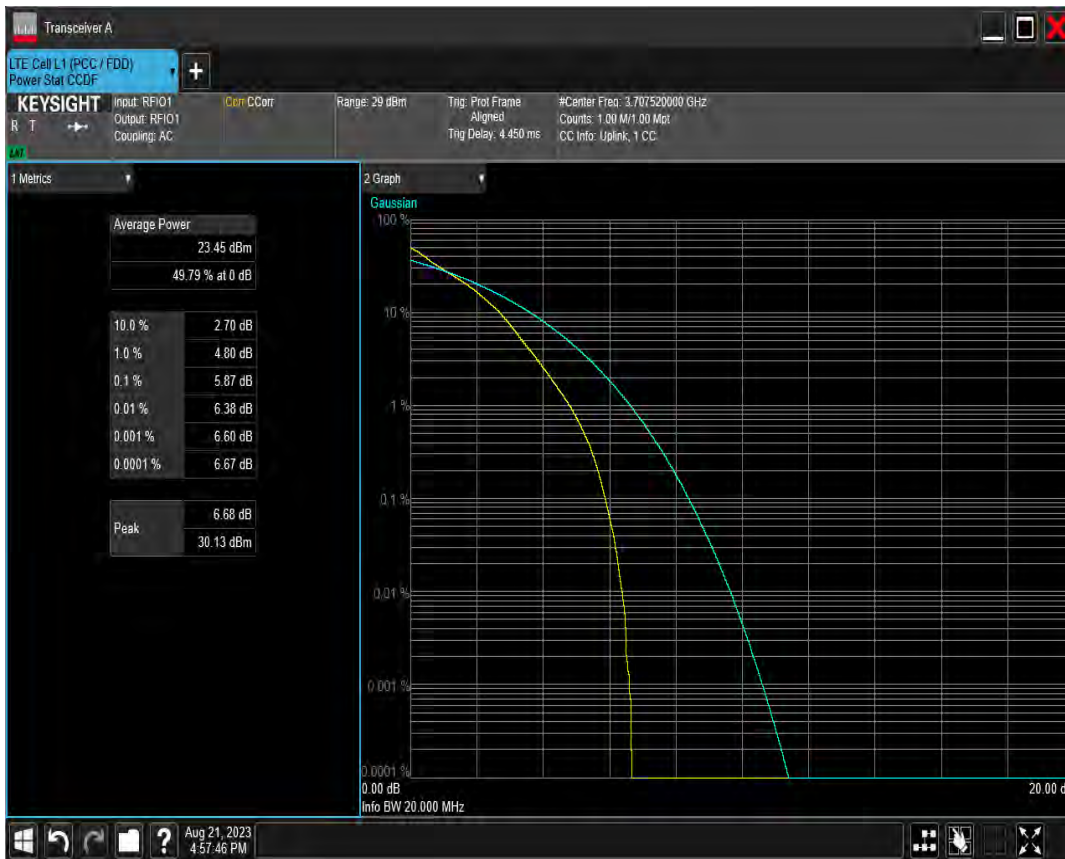
n78(3700-3800) SCS=30kHz DFT QPSK BW=20MHz Channel=647334 RB=50@0



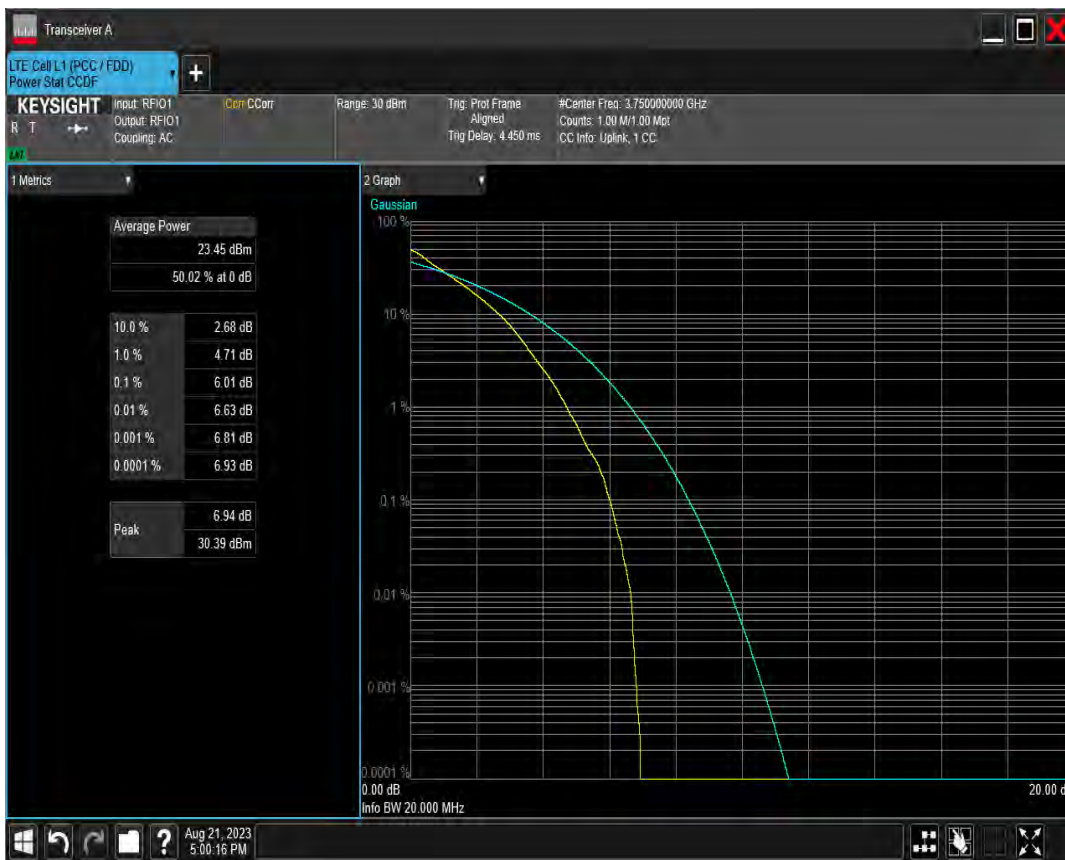
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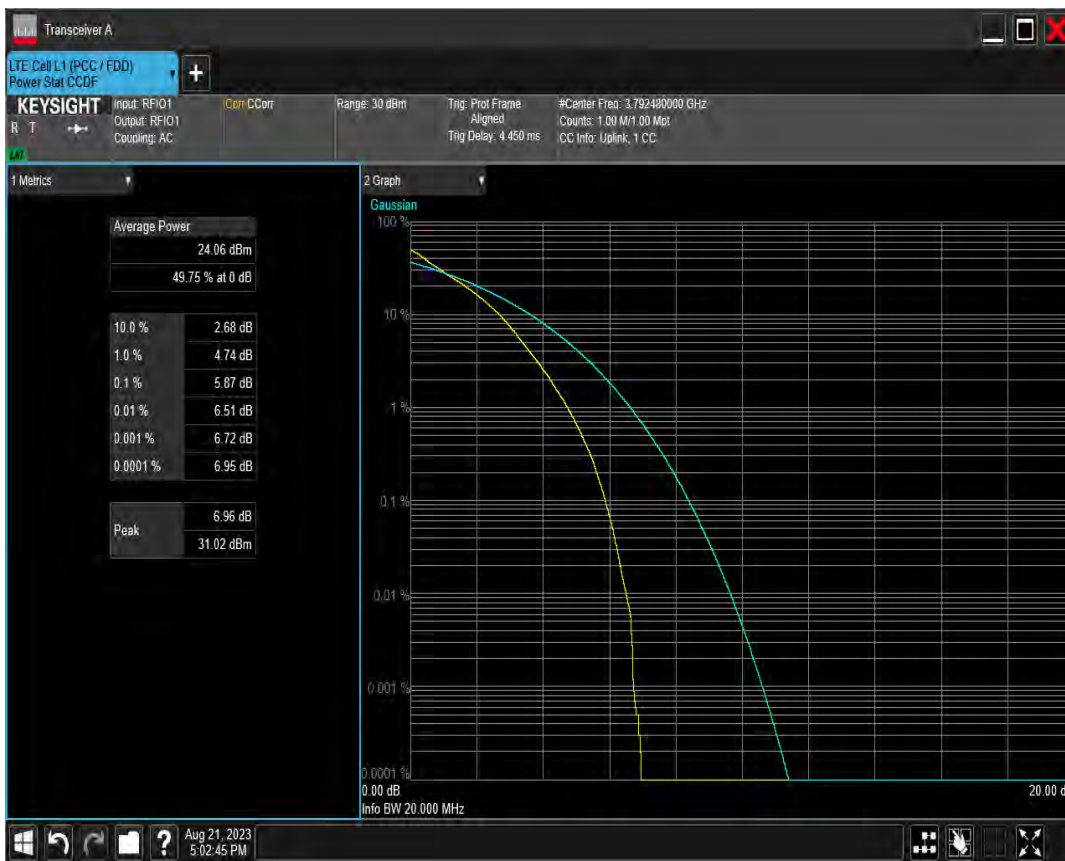
n78(3700-3800) SCS=30kHz DFT QPSK BW=15MHz Channel=647168 RB=36@0



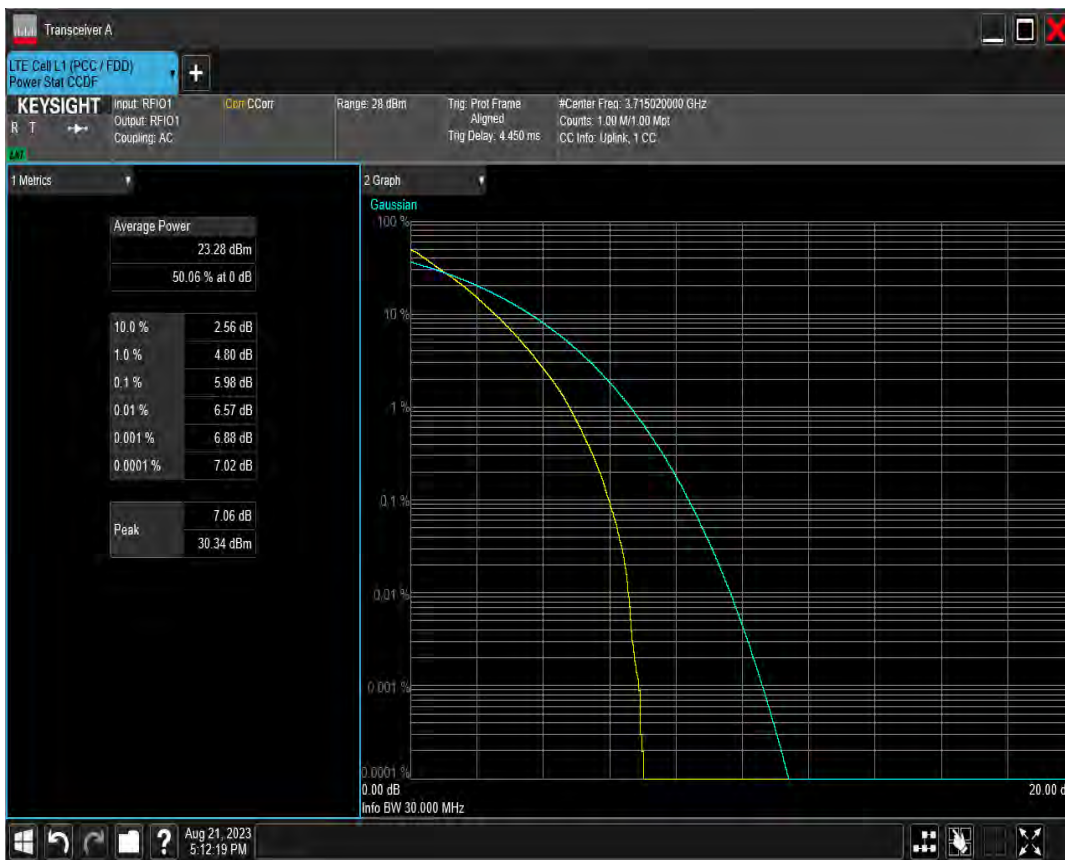
n78(3700-3800) SCS=30kHz DFT QPSK BW=15MHz Channel=650000 RB=36@0



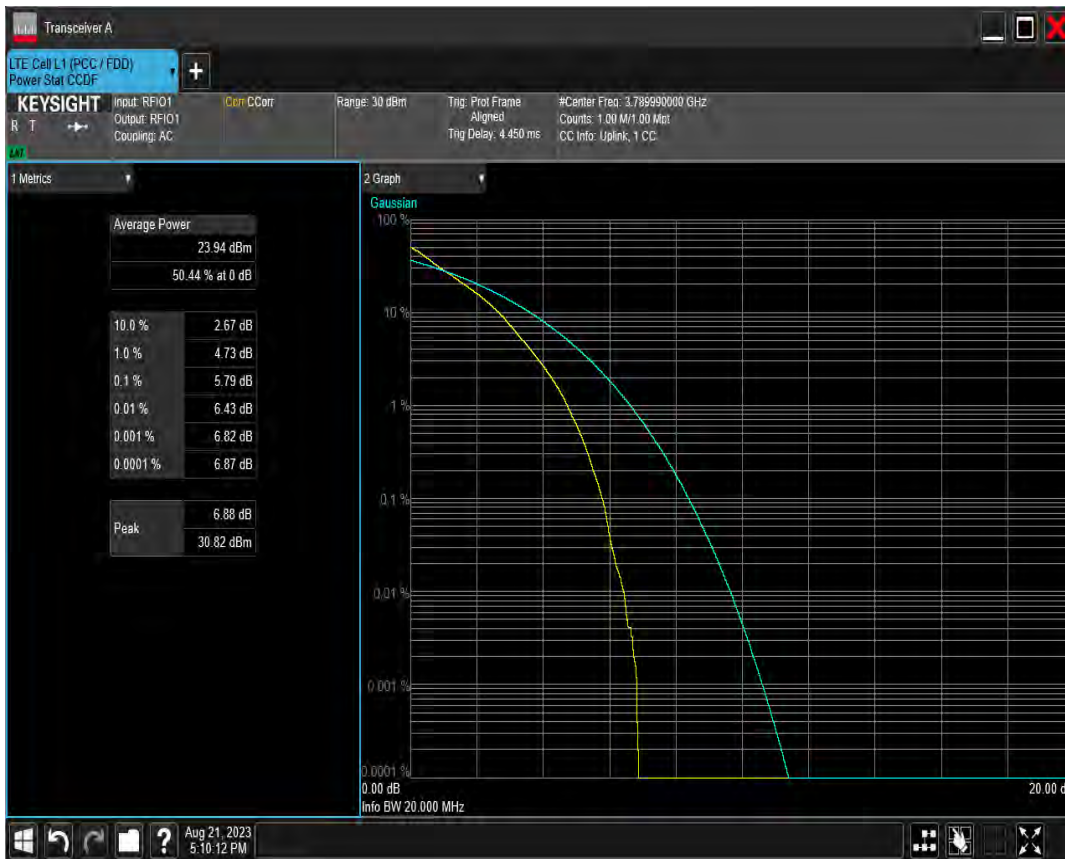
n78(3700-3800) SCS=30kHz DFT QPSK BW=15MHz Channel=652832 RB=36@0



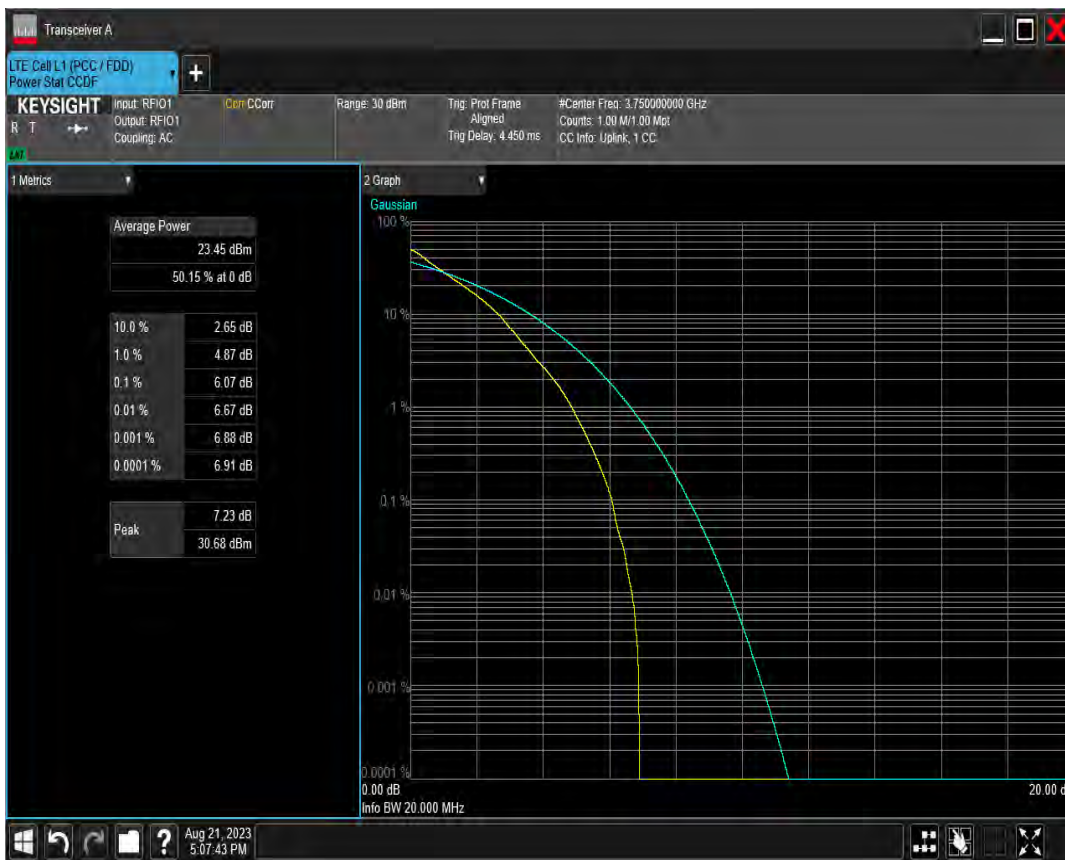
n78(3700-3800) SCS=30kHz DFT QPSK BW=30MHz Channel=647668 RB=75@0



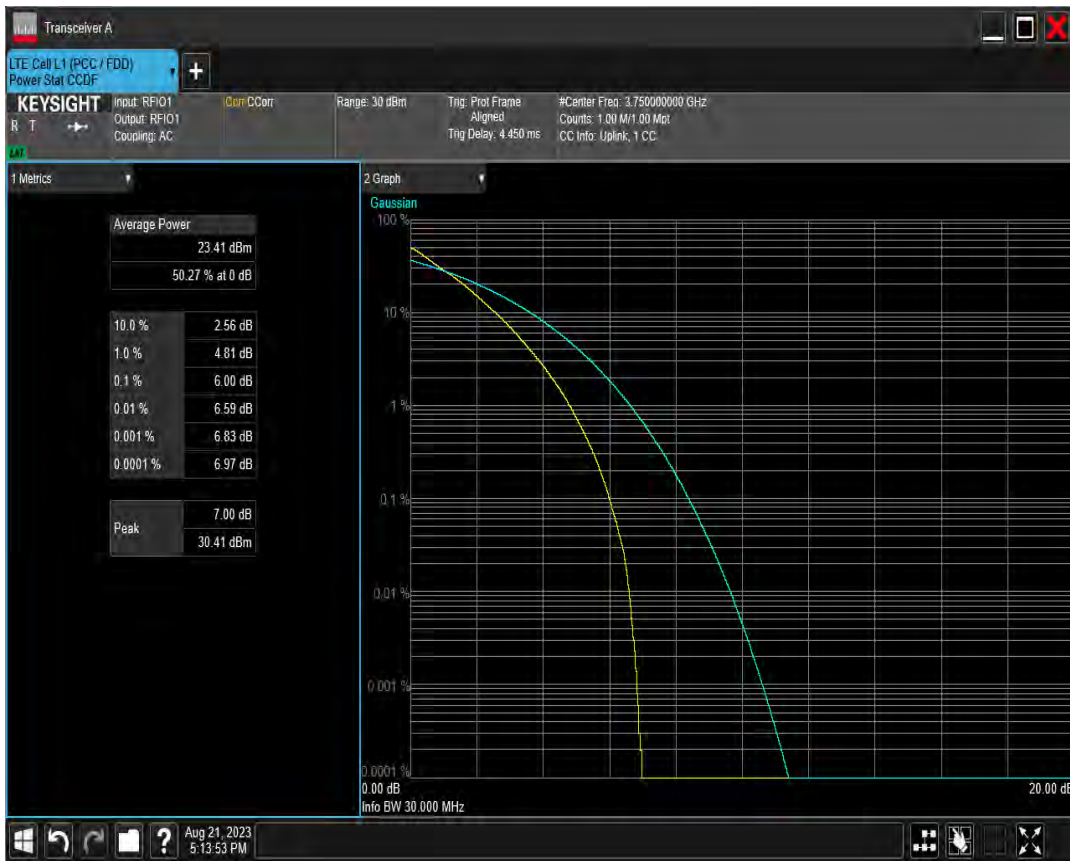
n78(3700-3800) SCS=30kHz DFT QPSK BW=20MHz Channel=652666 RB=50@0



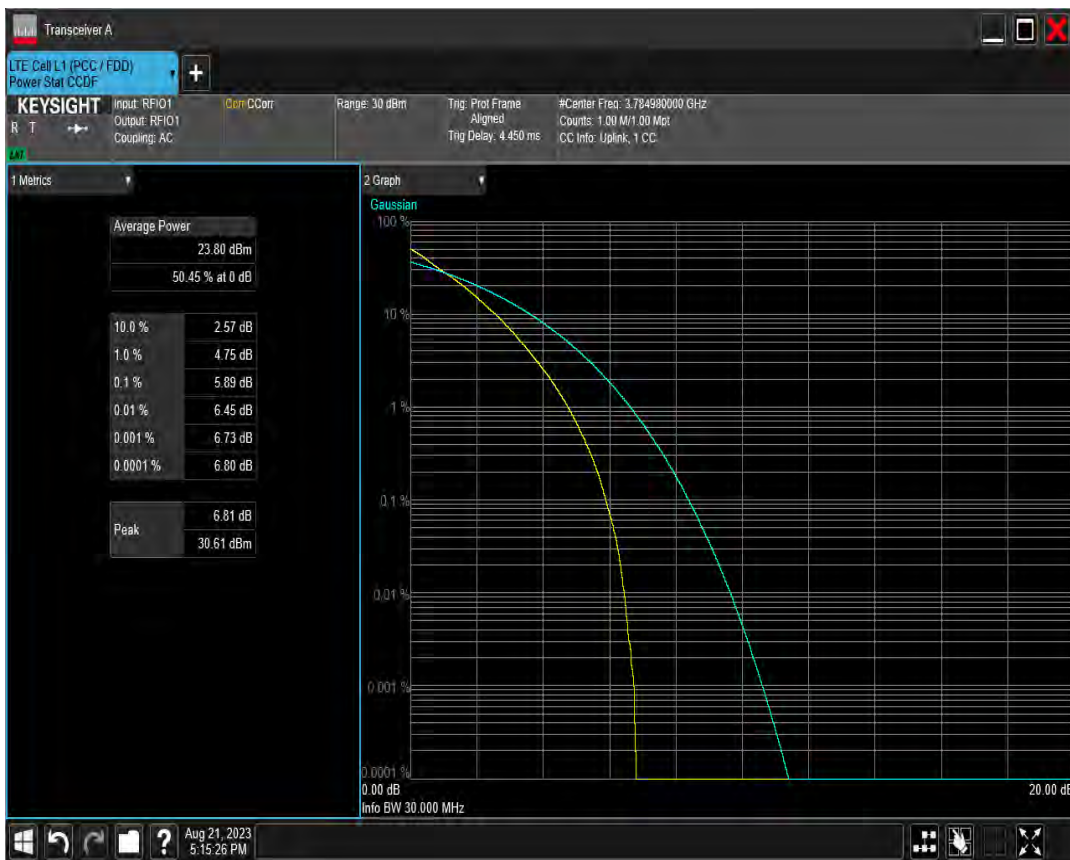
n78(3700-3800) SCS=30kHz DFT QPSK BW=20MHz Channel=650000 RB=50@0



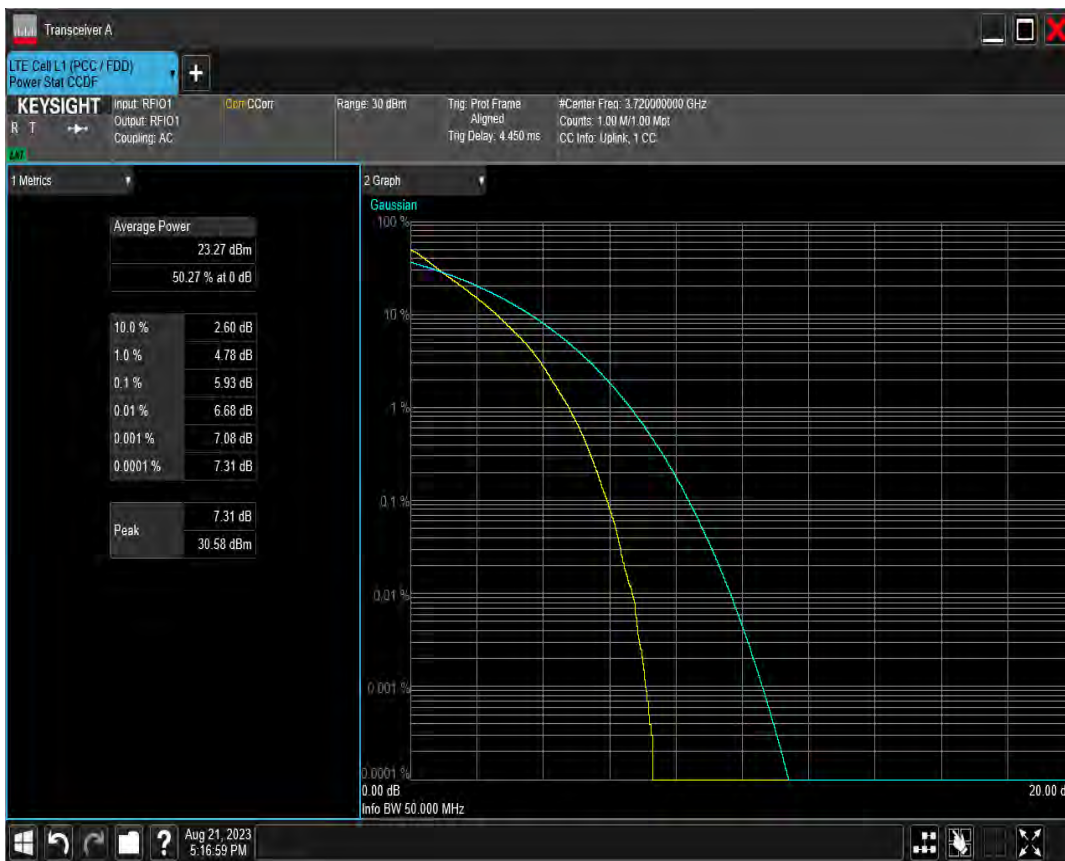
n78(3700-3800) SCS=30kHz DFT QPSK BW=30MHz Channel=650000 RB=75@0



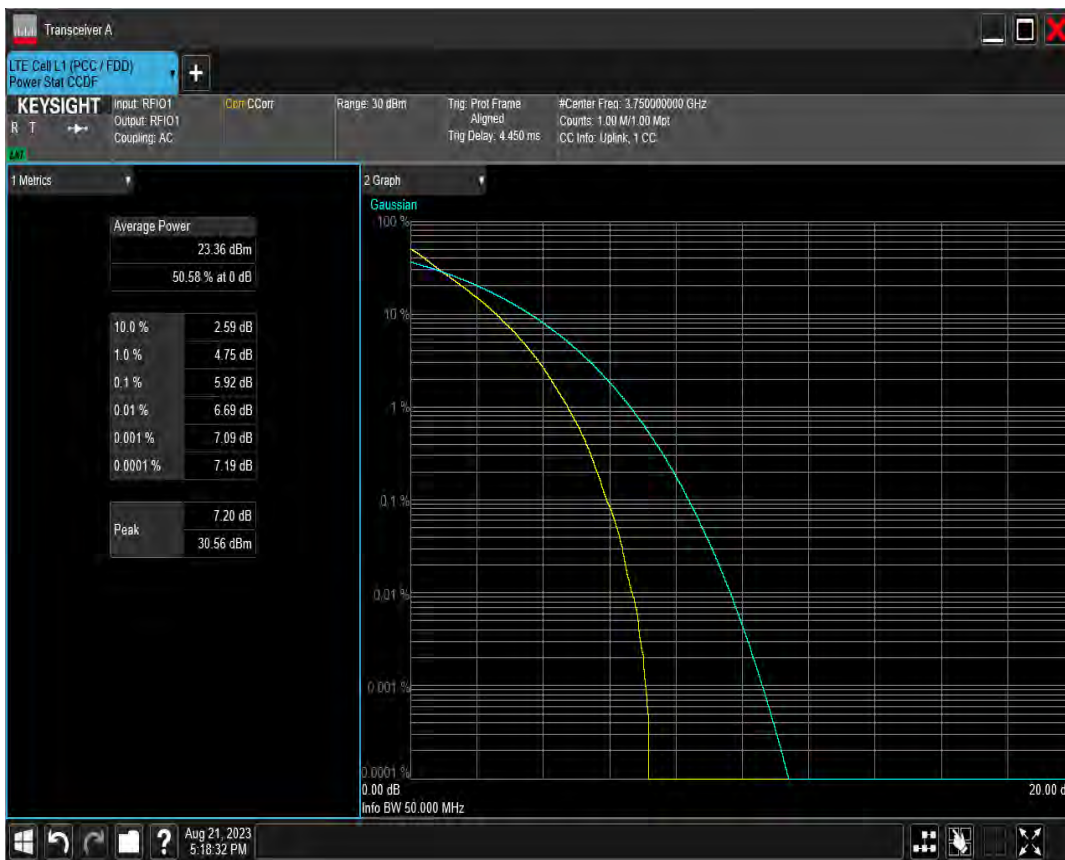
n78(3700-3800) SCS=30kHz DFT QPSK BW=30MHz Channel=652332 RB=75 @0



n78(3700-3800) SCS=30kHz DFT QPSK BW=40MHz Channel=648000 RB=100 @0

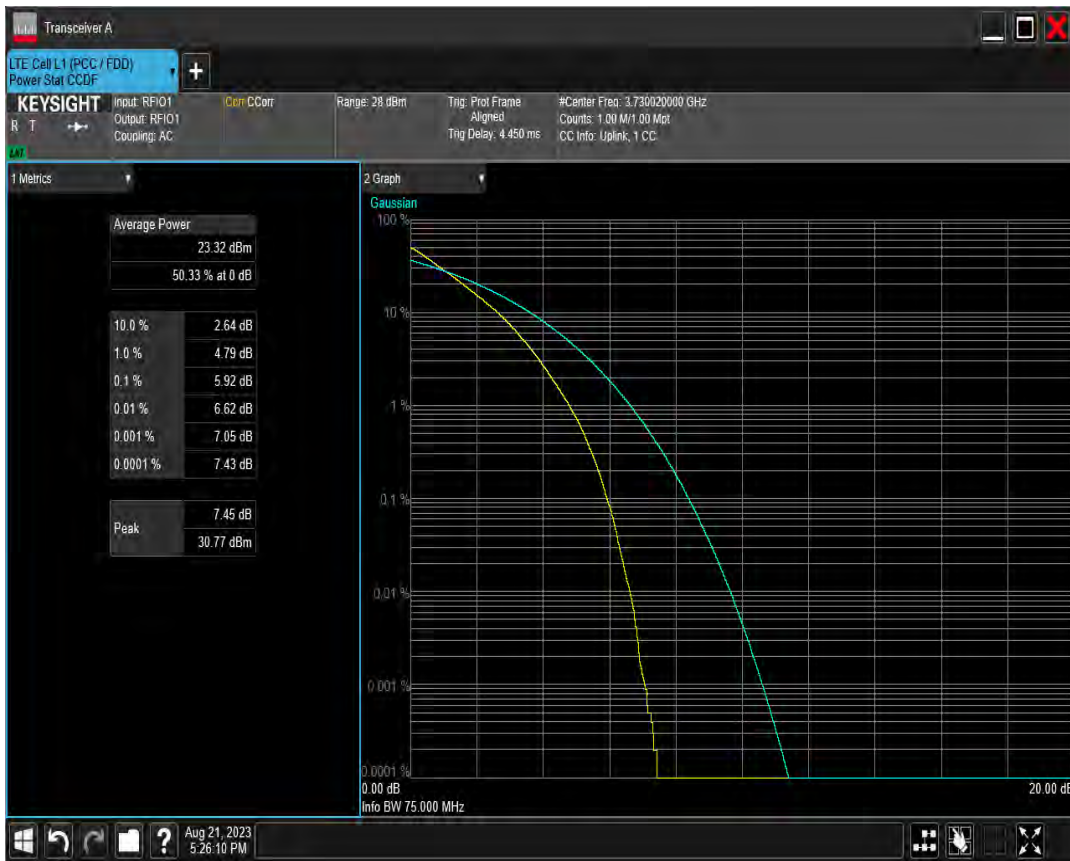


n78(3700-3800) SCS=30kHz DFT QPSK BW=40MHz Channel=650000 RB=100@0

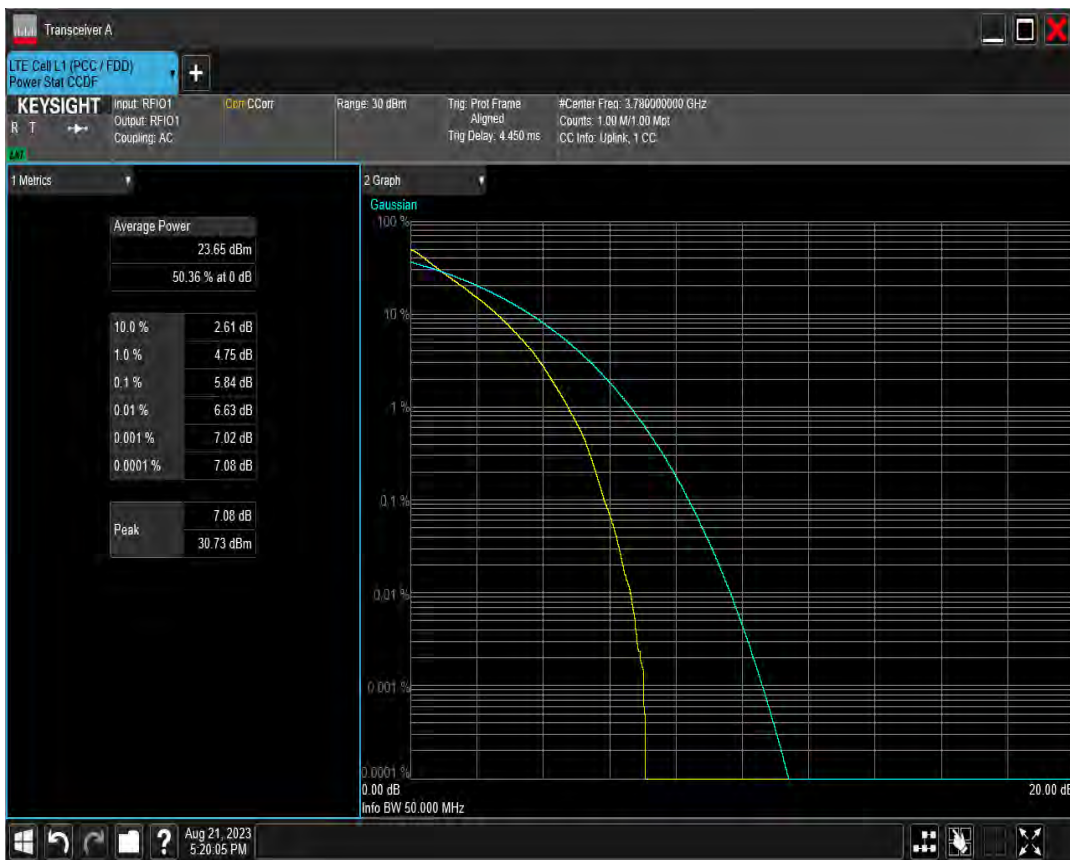


n78(3700-3800) SCS=30kHz DFT QPSK BW=60MHz Channel=648668 RB=162@0

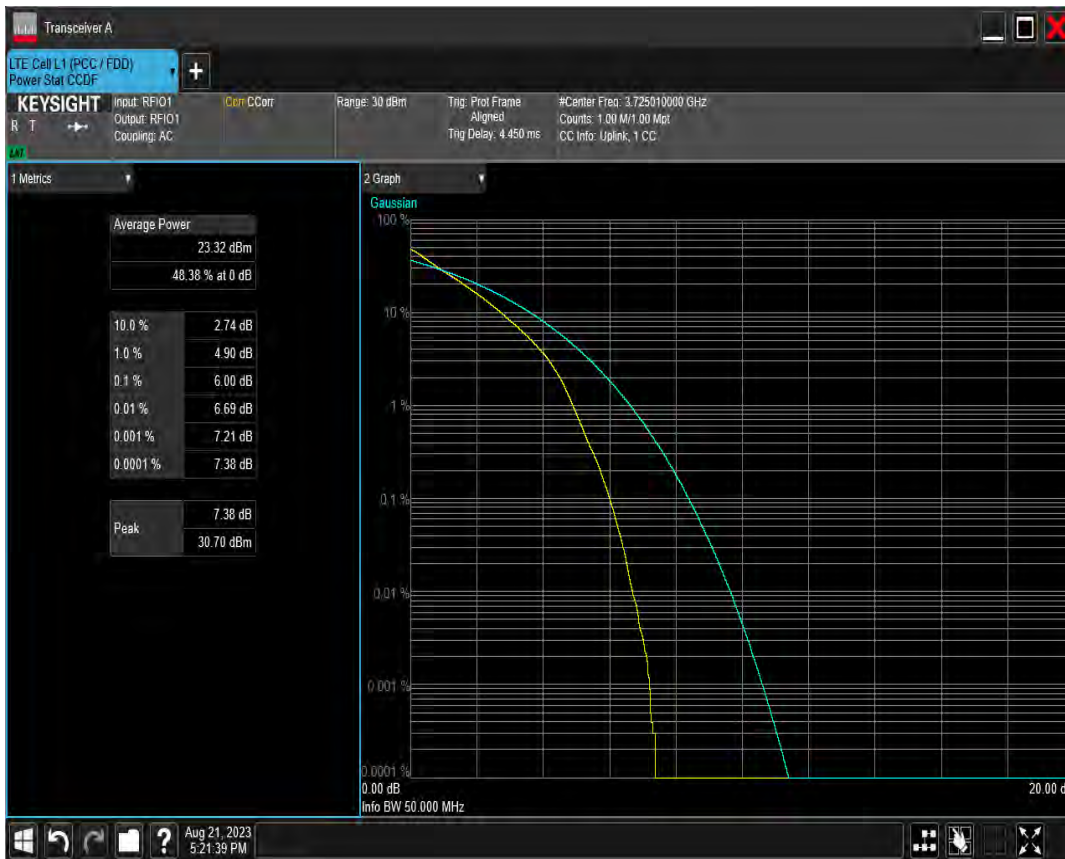




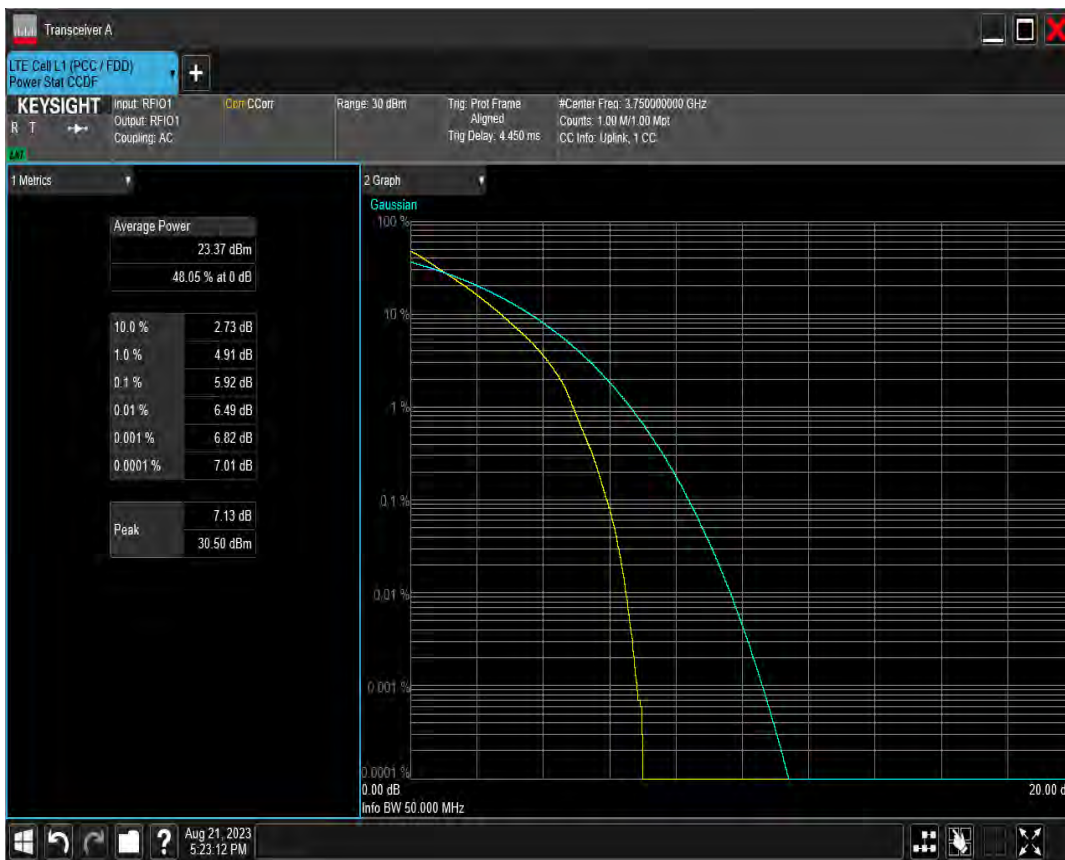
n78(3700-3800) SCS=30kHz DFT QPSK BW=40MHz Channel=652000 RB=100@0



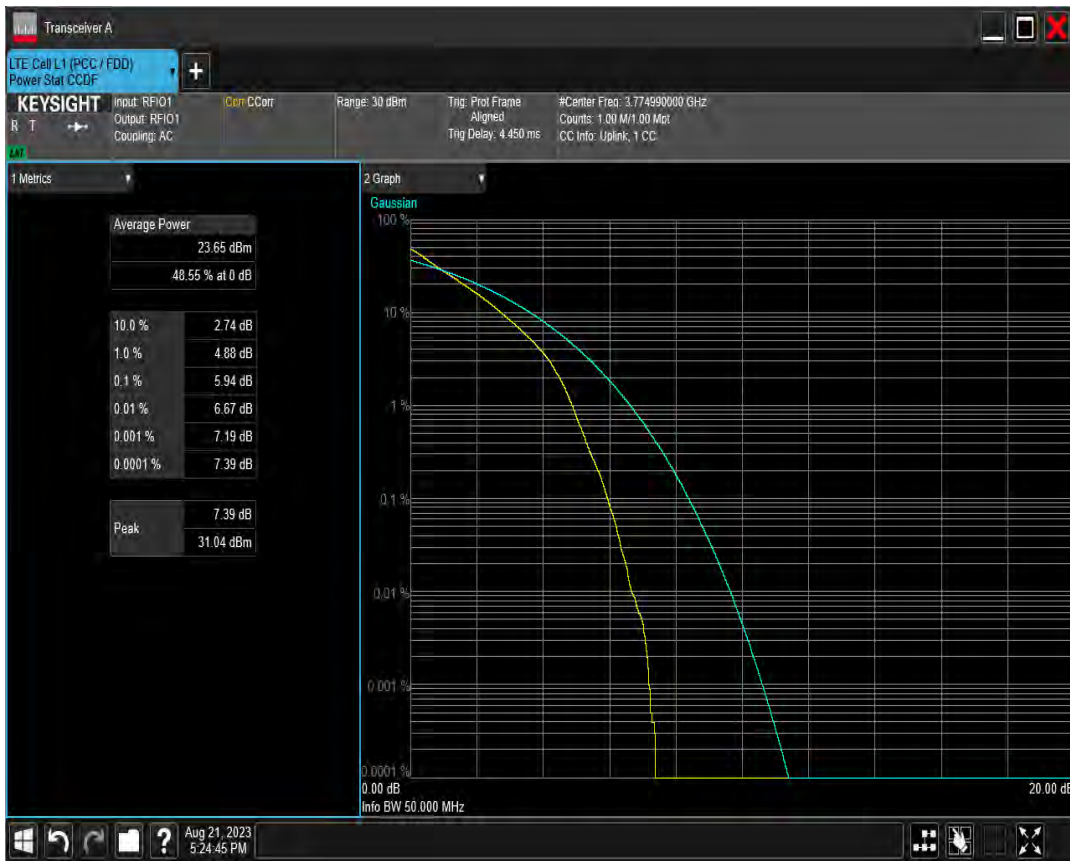
n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=648334 RB=128@0



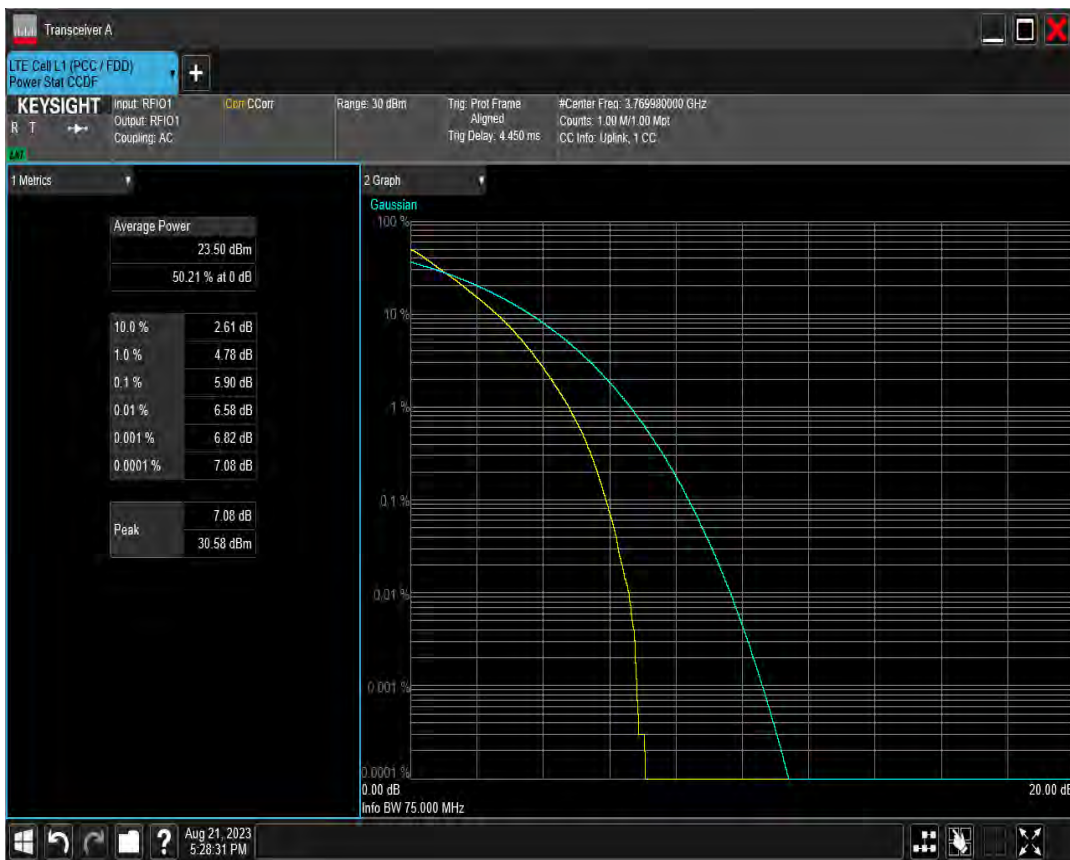
n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=650000 RB=128@0



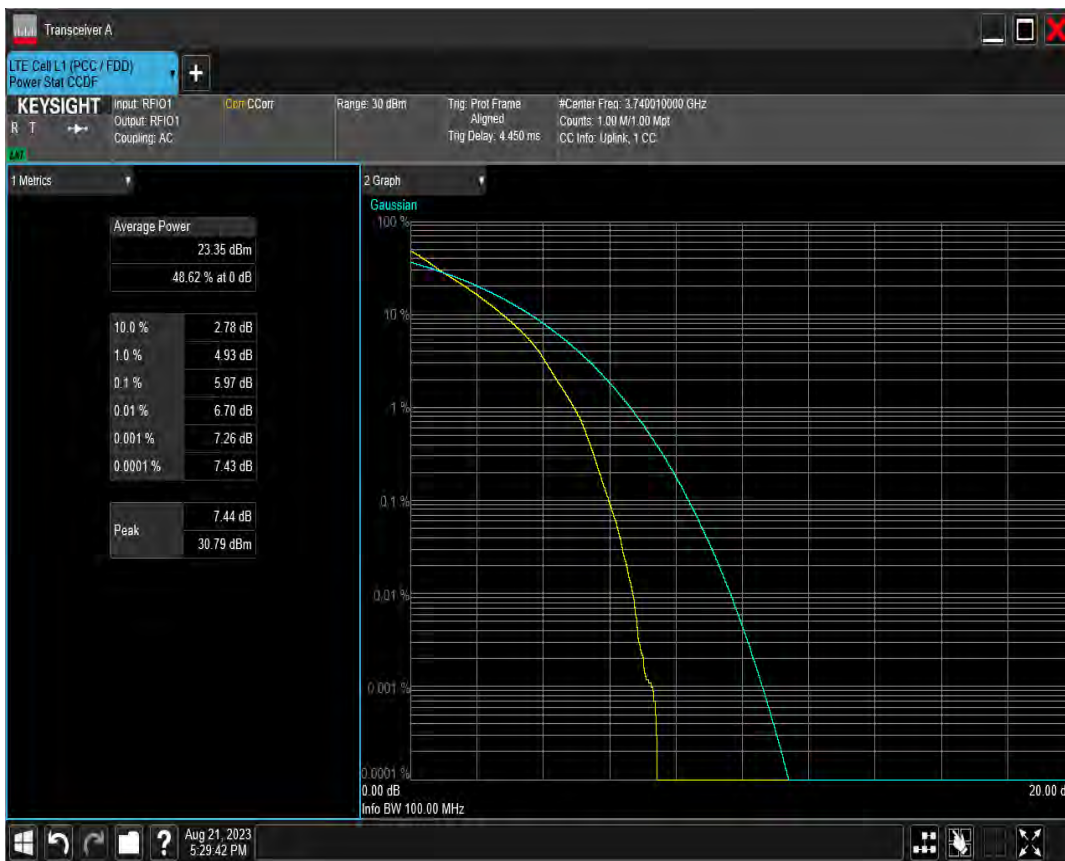
n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=651666 RB=128@0



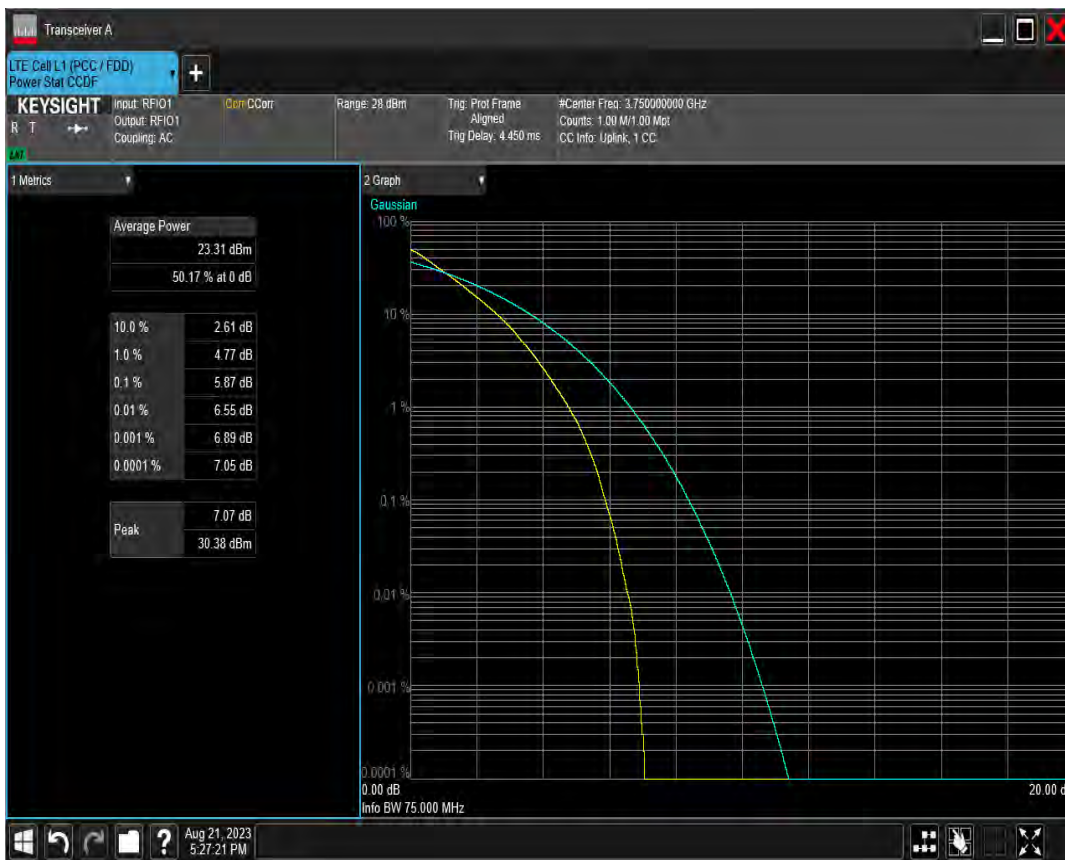
n78(3700-3800) SCS=30kHz DFT QPSK BW=60MHz Channel=651332 RB=162@0



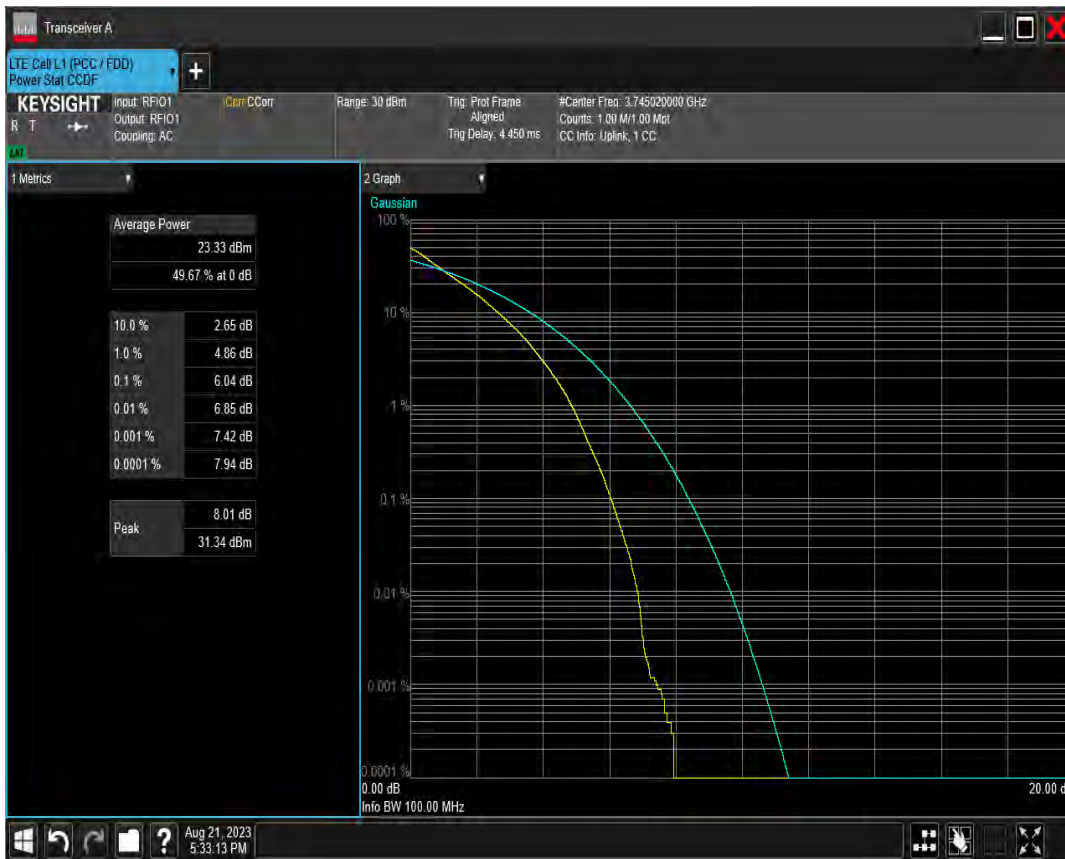
n78(3700-3800) SCS=30kHz DFT QPSK BW=80MHz Channel=649334 RB=216@0



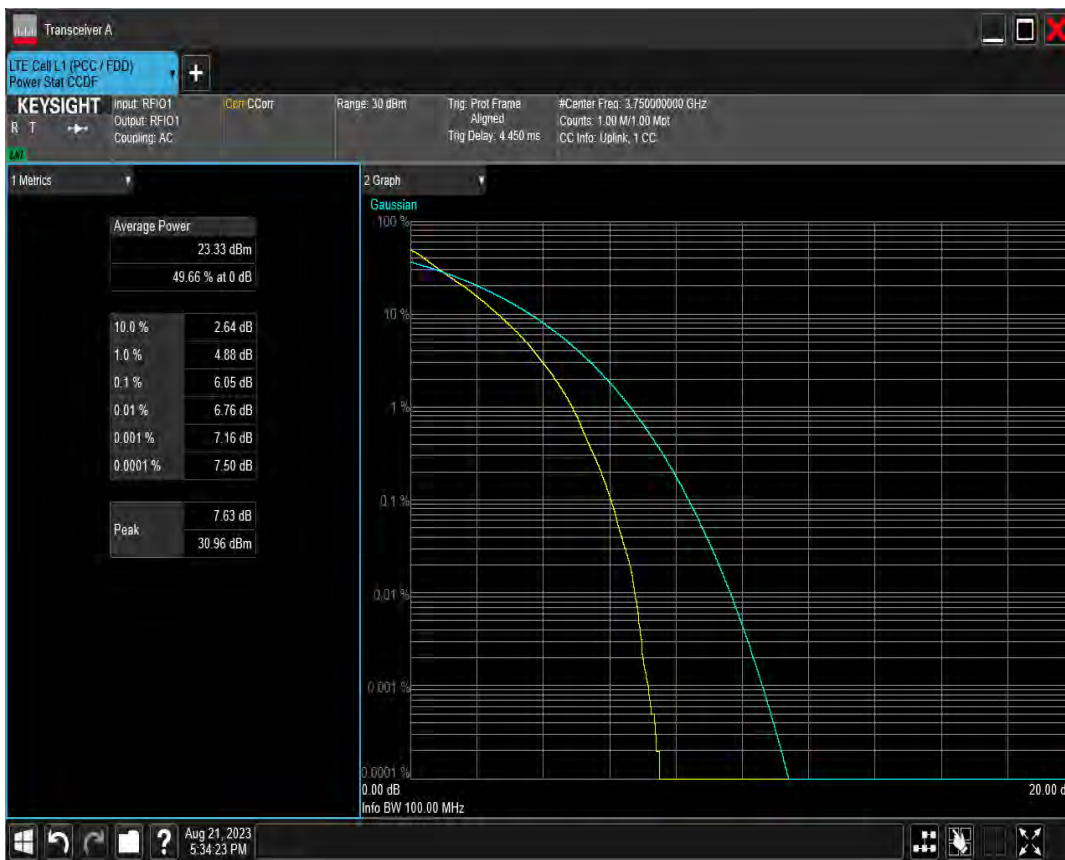
n78(3700-3800) SCS=30kHz DFT QPSK BW=60MHz Channel=650000 RB=162@0



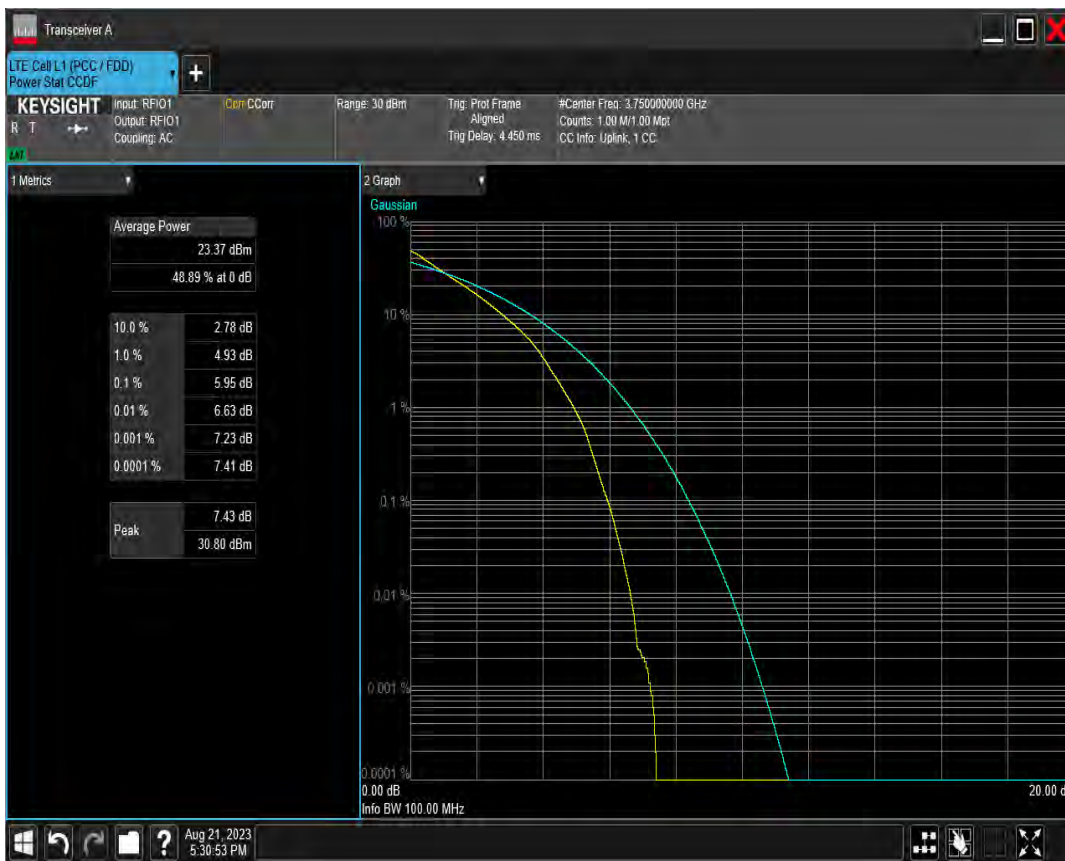
n78(3700-3800) SCS=30kHz DFT QPSK BW=90MHz Channel=649668 RB=240@0



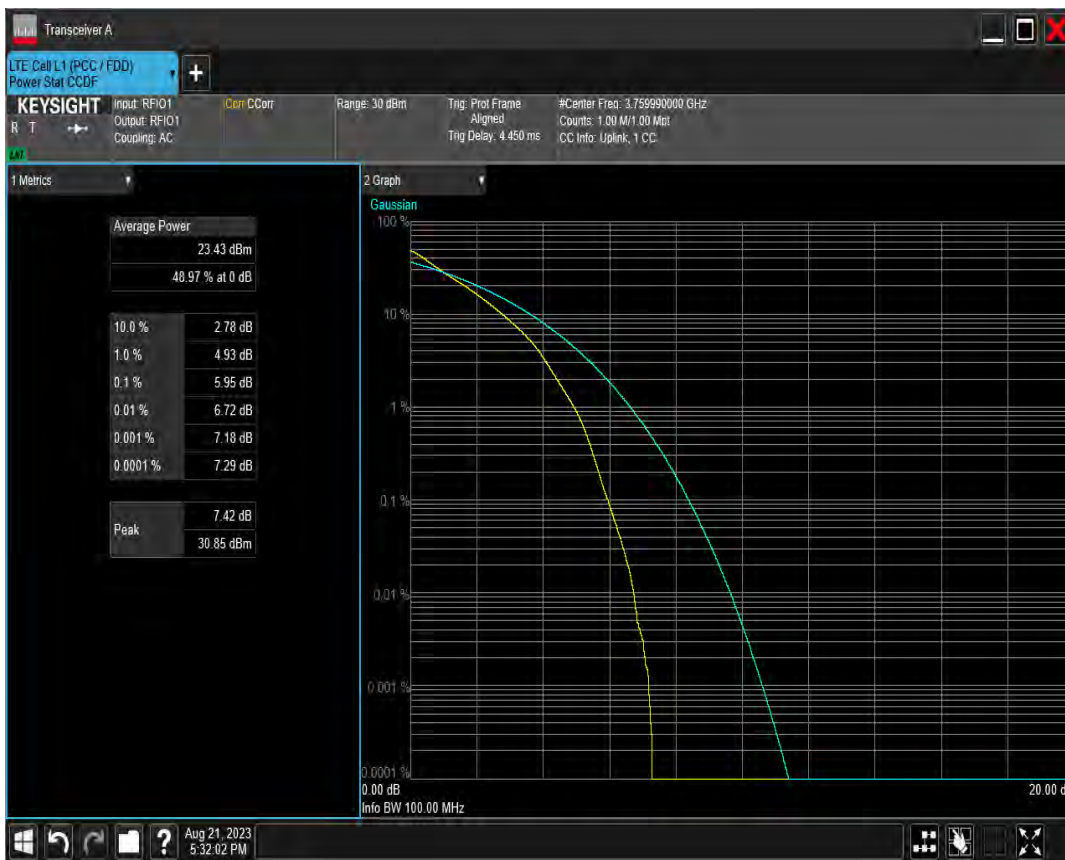
n78(3700-3800) SCS=30kHz DFT QPSK BW=90MHz Channel=650000 RB=240@0



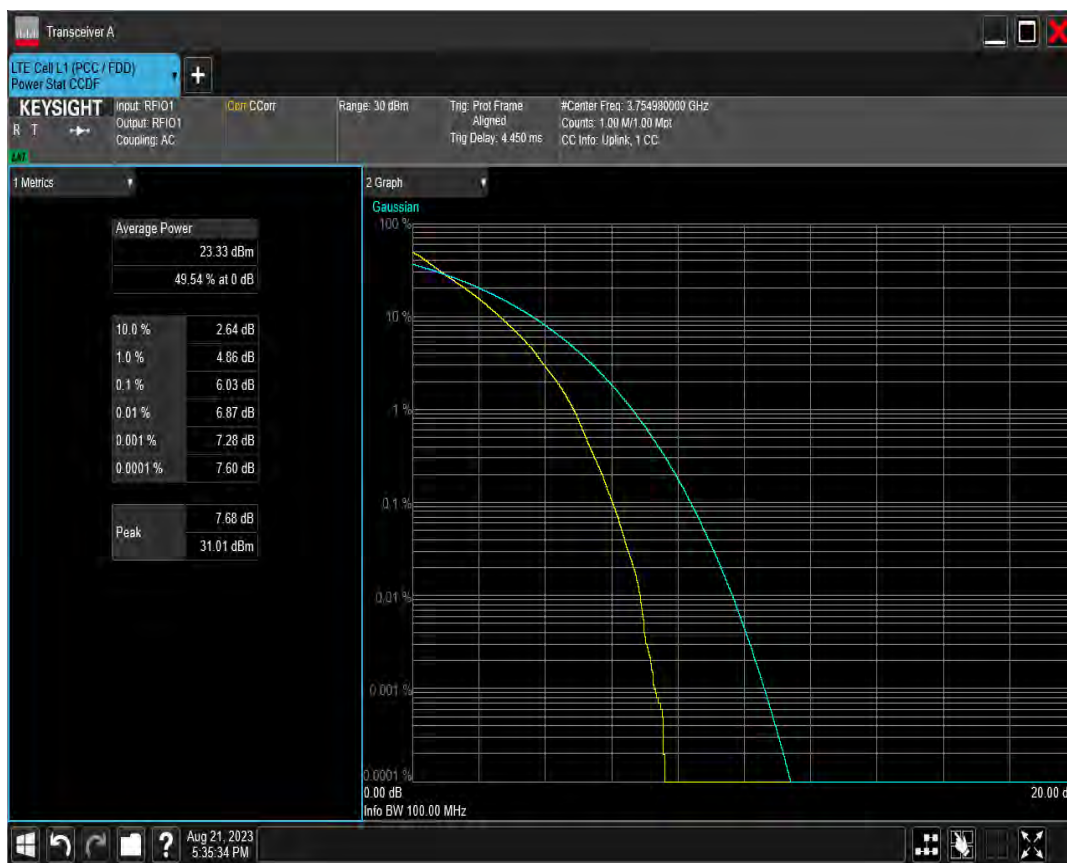
n78(3700-3800) SCS=30kHz DFT QPSK BW=80MHz Channel=650000 RB=216@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=80MHz Channel=650666 RB=216@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=90MHz Channel=650332 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
n78(3450-3550)	30	10	630334	24@0	DFT BPSK	8.640	9.260	PASS
n78(3450-3550)	30	10	630334	24@0	DFT QPSK	8.610	9.200	PASS
n78(3450-3550)	30	10	630334	24@0	DFT 16QAM	8.610	9.170	PASS
n78(3450-3550)	30	10	630334	24@0	DFT 64QAM	8.610	9.200	PASS
n78(3450-3550)	30	10	630334	24@0	DFT 256QAM	8.610	9.200	PASS
n78(3450-3550)	30	10	633334	24@0	DFT BPSK	8.640	9.190	PASS
n78(3450-3550)	30	10	633334	24@0	DFT QPSK	8.610	9.160	PASS
n78(3450-3550)	30	10	633334	24@0	DFT 16QAM	8.610	9.160	PASS
n78(3450-3550)	30	10	633334	24@0	DFT 64QAM	8.610	9.150	PASS
n78(3450-3550)	30	10	633334	24@0	DFT 256QAM	8.610	9.190	PASS
n78(3450-3550)	30	10	636332	24@0	DFT BPSK	8.610	9.160	PASS
n78(3450-3550)	30	10	636332	24@0	DFT QPSK	8.610	9.170	PASS
n78(3450-3550)	30	10	636332	24@0	DFT 16QAM	8.610	9.170	PASS
n78(3450-3550)	30	10	636332	24@0	DFT 64QAM	8.610	9.160	PASS
n78(3450-3550)	30	10	636332	24@0	DFT 256QAM	8.610	9.200	PASS
n78(3450-3550)	30	15	630500	36@0	DFT BPSK	13.510	13.700	PASS
n78(3450-3550)	30	15	630500	36@0	DFT QPSK	13.510	13.780	PASS

n78(3450-3550)	30	15	630500	36@0	DFT 16QAM	13.460	13.680	PASS
n78(3450-3550)	30	15	630500	36@0	DFT 64QAM	13.520	13.730	PASS
n78(3450-3550)	30	15	630500	36@0	DFT 256QAM	13.460	13.730	PASS
n78(3450-3550)	30	15	633334	36@0	DFT BPSK	13.500	13.700	PASS
n78(3450-3550)	30	15	633334	36@0	DFT QPSK	13.520	13.700	PASS
n78(3450-3550)	30	15	633334	36@0	DFT 16QAM	13.510	13.710	PASS
n78(3450-3550)	30	15	633334	36@0	DFT 64QAM	13.520	13.690	PASS
n78(3450-3550)	30	15	633334	36@0	DFT 256QAM	13.470	13.740	PASS
n78(3450-3550)	30	15	636166	36@0	DFT BPSK	13.510	13.690	PASS
n78(3450-3550)	30	15	636166	36@0	DFT QPSK	13.520	13.740	PASS
n78(3450-3550)	30	15	636166	36@0	DFT 16QAM	13.510	13.680	PASS
n78(3450-3550)	30	15	636166	36@0	DFT 64QAM	13.520	13.720	PASS
n78(3450-3550)	30	15	636166	36@0	DFT 256QAM	13.460	13.700	PASS
n78(3450-3550)	30	20	630668	50@0	DFT BPSK	18.090	18.940	PASS
n78(3450-3550)	30	20	630668	50@0	DFT QPSK	18.100	18.920	PASS
n78(3450-3550)	30	20	630668	50@0	DFT 16QAM	18.030	18.910	PASS
n78(3450-3550)	30	20	630668	50@0	DFT 64QAM	18.160	18.920	PASS
n78(3450-3550)	30	20	630668	50@0	DFT 256QAM	18.100	18.940	PASS
n78(3450-3550)	30	20	633334	50@0	DFT BPSK	18.100	18.920	PASS
n78(3450-3550)	30	20	633334	50@0	DFT QPSK	18.110	18.950	PASS
n78(3450-3550)	30	20	633334	50@0	DFT 16QAM	18.110	18.930	PASS
n78(3450-3550)	30	20	633334	50@0	DFT 64QAM	18.170	18.950	PASS
n78(3450-3550)	30	20	633334	50@0	DFT 256QAM	18.110	18.930	PASS
n78(3450-3550)	30	20	636000	50@0	DFT BPSK	18.100	18.920	PASS
n78(3450-3550)	30	20	636000	50@0	DFT QPSK	18.090	18.920	PASS
n78(3450-3550)	30	20	636000	50@0	DFT 16QAM	18.090	18.920	PASS
n78(3450-3550)	30	20	636000	50@0	DFT 64QAM	18.120	18.950	PASS
n78(3450-3550)	30	20	636000	50@0	DFT 256QAM	18.110	18.940	PASS
n78(3450-3550)	30	30	631000	75@0	DFT BPSK	27.660	28.440	PASS
n78(3450-3550)	30	30	631000	75@0	DFT QPSK	27.660	28.460	PASS
n78(3450-3550)	30	30	631000	75@0	DFT 16QAM	27.530	28.400	PASS
n78(3450-3550)	30	30	631000	75@0	DFT 64QAM	27.640	28.430	PASS
n78(3450-3550)	30	30	631000	75@0	DFT 256QAM	27.650	28.420	PASS
n78(3450-3550)	30	30	633334	75@0	DFT BPSK	27.620	28.420	PASS
n78(3450-3550)	30	30	633334	75@0	DFT QPSK	27.650	28.420	PASS
n78(3450-3550)	30	30	633334	75@0	DFT 16QAM	27.610	28.400	PASS
n78(3450-3550)	30	30	633334	75@0	DFT 64QAM	27.650	28.440	PASS



n78(3450-3550)	30	30	633334	75@0	DFT 256QAM	27.720	28.420	PASS
n78(3450-3550)	30	30	635666	75@0	DFT BPSK	27.610	28.430	PASS
n78(3450-3550)	30	30	635666	75@0	DFT QPSK	27.650	28.440	PASS
n78(3450-3550)	30	30	635666	75@0	DFT 16QAM	27.730	28.430	PASS
n78(3450-3550)	30	30	635666	75@0	DFT 64QAM	27.640	28.450	PASS
n78(3450-3550)	30	30	635666	75@0	DFT 256QAM	27.650	28.430	PASS
n78(3450-3550)	30	40	631334	100@0	DFT BPSK	37.520	37.860	PASS
n78(3450-3550)	30	40	631334	100@0	DFT QPSK	37.650	37.860	PASS
n78(3450-3550)	30	40	631334	100@0	DFT 16QAM	37.600	37.870	PASS
n78(3450-3550)	30	40	631334	100@0	DFT 64QAM	37.610	37.890	PASS
n78(3450-3550)	30	40	631334	100@0	DFT 256QAM	37.610	37.850	PASS
n78(3450-3550)	30	40	633334	100@0	DFT BPSK	37.620	37.860	PASS
n78(3450-3550)	30	40	633334	100@0	DFT QPSK	37.670	37.880	PASS
n78(3450-3550)	30	40	633334	100@0	DFT 16QAM	37.620	37.860	PASS
n78(3450-3550)	30	40	633334	100@0	DFT 64QAM	37.630	37.880	PASS
n78(3450-3550)	30	40	633334	100@0	DFT 256QAM	37.610	37.850	PASS
n78(3450-3550)	30	40	635332	100@0	DFT BPSK	37.650	37.870	PASS
n78(3450-3550)	30	40	635332	100@0	DFT QPSK	37.640	37.870	PASS
n78(3450-3550)	30	40	635332	100@0	DFT 16QAM	37.610	37.860	PASS
n78(3450-3550)	30	40	635332	100@0	DFT 64QAM	37.620	37.890	PASS
n78(3450-3550)	30	40	635332	100@0	DFT 256QAM	37.520	37.860	PASS
n78(3450-3550)	30	50	631668	128@0	DFT BPSK	47.080	48.350	PASS
n78(3450-3550)	30	50	631668	128@0	DFT QPSK	47.210	48.340	PASS
n78(3450-3550)	30	50	631668	128@0	DFT 16QAM	47.080	48.350	PASS
n78(3450-3550)	30	50	631668	128@0	DFT 64QAM	47.090	48.350	PASS
n78(3450-3550)	30	50	631668	128@0	DFT 256QAM	47.210	48.390	PASS
n78(3450-3550)	30	50	633334	128@0	DFT BPSK	47.090	48.340	PASS
n78(3450-3550)	30	50	633334	128@0	DFT QPSK	47.210	48.340	PASS
n78(3450-3550)	30	50	633334	128@0	DFT 16QAM	47.220	48.360	PASS
n78(3450-3550)	30	50	633334	128@0	DFT 64QAM	47.210	48.320	PASS
n78(3450-3550)	30	50	633334	128@0	DFT 256QAM	47.240	48.370	PASS
n78(3450-3550)	30	50	635000	128@0	DFT BPSK	47.100	48.360	PASS
n78(3450-3550)	30	50	635000	128@0	DFT QPSK	47.220	48.350	PASS
n78(3450-3550)	30	50	635000	128@0	DFT 16QAM	47.100	48.350	PASS
n78(3450-3550)	30	50	635000	128@0	DFT 64QAM	47.210	48.350	PASS
n78(3450-3550)	30	50	635000	128@0	DFT 256QAM	47.230	48.390	PASS

n78(3450-3550)	30	60	632000	162@0	DFT BPSK	57.940	60.980	PASS
n78(3450-3550)	30	60	632000	162@0	DFT QPSK	57.940	60.940	PASS
n78(3450-3550)	30	60	632000	162@0	DFT 16QAM	57.950	60.990	PASS
n78(3450-3550)	30	60	632000	162@0	DFT 64QAM	57.940	60.970	PASS
n78(3450-3550)	30	60	632000	162@0	DFT 256QAM	57.920	60.960	PASS
n78(3450-3550)	30	60	633334	162@0	DFT BPSK	57.950	60.980	PASS
n78(3450-3550)	30	60	633334	162@0	DFT QPSK	58.100	61.000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT 16QAM	57.950	60.990	PASS
n78(3450-3550)	30	60	633334	162@0	DFT 64QAM	57.950	60.970	PASS
n78(3450-3550)	30	60	633334	162@0	DFT 256QAM	57.930	60.960	PASS
n78(3450-3550)	30	60	634666	162@0	DFT BPSK	58.090	60.970	PASS
n78(3450-3550)	30	60	634666	162@0	DFT QPSK	58.090	60.980	PASS
n78(3450-3550)	30	60	634666	162@0	DFT 16QAM	58.080	60.970	PASS
n78(3450-3550)	30	60	634666	162@0	DFT 64QAM	58.100	61.000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT 256QAM	57.940	60.970	PASS
n78(3450-3550)	30	80	632668	216@0	DFT BPSK	77.470	81.310	PASS
n78(3450-3550)	30	80	632668	216@0	DFT QPSK	77.490	81.330	PASS
n78(3450-3550)	30	80	632668	216@0	DFT 16QAM	77.470	81.340	PASS
n78(3450-3550)	30	80	632668	216@0	DFT 64QAM	77.500	81.320	PASS
n78(3450-3550)	30	80	632668	216@0	DFT 256QAM	77.460	81.300	PASS
n78(3450-3550)	30	80	633334	216@0	DFT BPSK	77.480	81.310	PASS
n78(3450-3550)	30	80	633334	216@0	DFT QPSK	77.500	81.330	PASS
n78(3450-3550)	30	80	633334	216@0	DFT 16QAM	77.480	81.340	PASS
n78(3450-3550)	30	80	633334	216@0	DFT 64QAM	77.520	81.350	PASS
n78(3450-3550)	30	80	633334	216@0	DFT 256QAM	77.470	81.300	PASS
n78(3450-3550)	30	80	634000	216@0	DFT BPSK	77.500	81.320	PASS
n78(3450-3550)	30	80	634000	216@0	DFT QPSK	77.500	81.320	PASS
n78(3450-3550)	30	80	634000	216@0	DFT 16QAM	77.490	81.340	PASS
n78(3450-3550)	30	80	634000	216@0	DFT 64QAM	77.520	81.320	PASS
n78(3450-3550)	30	80	634000	216@0	DFT 256QAM	77.480	81.300	PASS
n78(3450-3550)	30	90	633000	240@0	DFT BPSK	86.850	90.440	PASS
n78(3450-3550)	30	90	633000	240@0	DFT QPSK	86.830	90.370	PASS
n78(3450-3550)	30	90	633000	240@0	DFT 16QAM	86.830	90.390	PASS
n78(3450-3550)	30	90	633000	240@0	DFT 64QAM	86.890	90.490	PASS
n78(3450-3550)	30	90	633000	240@0	DFT 256QAM	86.840	90.420	PASS
n78(3450-3550)	30	90	633334	240@0	DFT BPSK	86.870	90.450	PASS
n78(3450-3550)	30	90	633334	240@0	DFT QPSK	86.840	90.390	PASS

n78(3450-3550)	30	90	633334	240@0	DFT 16QAM	86.850	90.400	PASS
n78(3450-3550)	30	90	633334	240@0	DFT 64QAM	86.890	90.490	PASS
n78(3450-3550)	30	90	633334	240@0	DFT 256QAM	86.850	90.420	PASS
n78(3450-3550)	30	90	633666	240@0	DFT BPSK	86.880	90.440	PASS
n78(3450-3550)	30	90	633666	240@0	DFT QPSK	86.860	90.380	PASS
n78(3450-3550)	30	90	633666	240@0	DFT 16QAM	86.850	90.390	PASS
n78(3450-3550)	30	90	633666	240@0	DFT 64QAM	86.900	90.490	PASS
n78(3450-3550)	30	90	633666	240@0	DFT 256QAM	86.860	90.410	PASS
n78(3450-3550)	30	100	633334	270@0	DFT BPSK	96.960	101.520	PASS
n78(3450-3550)	30	100	633334	270@0	DFT QPSK	96.930	101.550	PASS
n78(3450-3550)	30	100	633334	270@0	DFT 16QAM	96.930	101.550	PASS
n78(3450-3550)	30	100	633334	270@0	DFT 64QAM	96.930	101.570	PASS
n78(3450-3550)	30	100	633334	270@0	DFT 256QAM	96.930	101.570	PASS
n78(3450-3550)	30	100	633332	270@0	DFT BPSK	96.950	101.510	PASS
n78(3450-3550)	30	100	633332	270@0	DFT QPSK	96.950	101.540	PASS
n78(3450-3550)	30	100	633332	270@0	DFT 16QAM	96.920	101.550	PASS
n78(3450-3550)	30	100	633332	270@0	DFT 64QAM	96.930	101.570	PASS
n78(3450-3550)	30	100	633332	270@0	DFT 256QAM	96.930	101.570	PASS
n78(3700-3800)	30	10	647000	24@0	DFT BPSK	8.640	9.260	PASS
n78(3700-3800)	30	10	647000	24@0	DFT QPSK	8.610	9.200	PASS
n78(3700-3800)	30	10	647000	24@0	DFT 16QAM	8.600	9.160	PASS
n78(3700-3800)	30	10	647000	24@0	DFT 64QAM	8.620	9.230	PASS
n78(3700-3800)	30	10	647000	24@0	DFT 256QAM	8.610	9.200	PASS
n78(3700-3800)	30	10	650000	24@0	DFT BPSK	8.620	9.200	PASS
n78(3700-3800)	30	10	650000	24@0	DFT QPSK	8.610	9.170	PASS
n78(3700-3800)	30	10	650000	24@0	DFT 16QAM	8.610	9.160	PASS
n78(3700-3800)	30	10	650000	24@0	DFT 64QAM	8.610	9.140	PASS
n78(3700-3800)	30	10	650000	24@0	DFT 256QAM	8.610	9.180	PASS
n78(3700-3800)	30	10	653000	24@0	DFT BPSK	8.640	9.270	PASS
n78(3700-3800)	30	10	653000	24@0	DFT QPSK	8.610	9.160	PASS
n78(3700-3800)	30	10	653000	24@0	DFT 16QAM	8.620	9.200	PASS
n78(3700-3800)	30	10	653000	24@0	DFT 64QAM	8.620	9.230	PASS
n78(3700-3800)	30	10	653000	24@0	DFT 256QAM	8.610	9.200	PASS
n78(3700-3800)	30	15	647168	36@0	DFT BPSK	13.500	13.730	PASS
n78(3700-3800)	30	15	647168	36@0	DFT QPSK	13.510	13.730	PASS
n78(3700-3800)	30	15	647168	36@0	DFT 16QAM	13.500	13.700	PASS
n78(3700-3800)	30	15	647168	36@0	DFT 64QAM	13.530	13.710	PASS

n78(3700-3800)	30	15	647168	36@0	DFT 256QAM	13.520	13.750	PASS
n78(3700-3800)	30	15	650000	36@0	DFT BPSK	13.470	13.700	PASS
n78(3700-3800)	30	15	650000	36@0	DFT QPSK	13.520	13.690	PASS
n78(3700-3800)	30	15	650000	36@0	DFT 16QAM	13.460	13.710	PASS
n78(3700-3800)	30	15	650000	36@0	DFT 64QAM	13.510	13.680	PASS
n78(3700-3800)	30	15	650000	36@0	DFT 256QAM	13.460	13.730	PASS
n78(3700-3800)	30	15	652832	36@0	DFT BPSK	13.510	13.690	PASS
n78(3700-3800)	30	15	652832	36@0	DFT QPSK	13.520	13.760	PASS
n78(3700-3800)	30	15	652832	36@0	DFT 16QAM	13.500	13.690	PASS
n78(3700-3800)	30	15	652832	36@0	DFT 64QAM	13.510	13.740	PASS
n78(3700-3800)	30	15	652832	36@0	DFT 256QAM	13.460	13.710	PASS
n78(3700-3800)	30	20	647334	50@0	DFT BPSK	18.100	18.910	PASS
n78(3700-3800)	30	20	647334	50@0	DFT QPSK	18.110	18.930	PASS
n78(3700-3800)	30	20	647334	50@0	DFT 16QAM	18.030	18.910	PASS
n78(3700-3800)	30	20	647334	50@0	DFT 64QAM	18.160	18.920	PASS
n78(3700-3800)	30	20	647334	50@0	DFT 256QAM	18.110	18.920	PASS
n78(3700-3800)	30	20	650000	50@0	DFT BPSK	18.110	18.920	PASS
n78(3700-3800)	30	20	650000	50@0	DFT QPSK	18.100	18.940	PASS
n78(3700-3800)	30	20	650000	50@0	DFT 16QAM	18.100	18.930	PASS
n78(3700-3800)	30	20	650000	50@0	DFT 64QAM	18.120	18.940	PASS
n78(3700-3800)	30	20	650000	50@0	DFT 256QAM	18.110	18.930	PASS
n78(3700-3800)	30	20	652666	50@0	DFT BPSK	18.080	18.940	PASS
n78(3700-3800)	30	20	652666	50@0	DFT QPSK	18.100	18.930	PASS
n78(3700-3800)	30	20	652666	50@0	DFT 16QAM	18.030	18.920	PASS
n78(3700-3800)	30	20	652666	50@0	DFT 64QAM	18.120	18.930	PASS
n78(3700-3800)	30	20	652666	50@0	DFT 256QAM	18.100	18.940	PASS
n78(3700-3800)	30	30	647668	75@0	DFT BPSK	27.640	28.460	PASS
n78(3700-3800)	30	30	647668	75@0	DFT QPSK	27.660	28.450	PASS
n78(3700-3800)	30	30	647668	75@0	DFT 16QAM	27.540	28.390	PASS
n78(3700-3800)	30	30	647668	75@0	DFT 64QAM	27.630	28.430	PASS
n78(3700-3800)	30	30	647668	75@0	DFT 256QAM	27.650	28.410	PASS
n78(3700-3800)	30	30	650000	75@0	DFT BPSK	27.640	28.440	PASS
n78(3700-3800)	30	30	650000	75@0	DFT QPSK	27.640	28.430	PASS
n78(3700-3800)	30	30	650000	75@0	DFT 16QAM	27.530	28.400	PASS
n78(3700-3800)	30	30	650000	75@0	DFT 64QAM	27.630	28.440	PASS
n78(3700-3800)	30	30	650000	75@0	DFT 256QAM	27.640	28.410	PASS

n78(3700-3800)	30	30	652332	75@0	DFT BPSK	27.640	28.450	PASS
n78(3700-3800)	30	30	652332	75@0	DFT QPSK	27.640	28.440	PASS
n78(3700-3800)	30	30	652332	75@0	DFT 16QAM	27.530	28.400	PASS
n78(3700-3800)	30	30	652332	75@0	DFT 64QAM	27.640	28.430	PASS
n78(3700-3800)	30	30	652332	75@0	DFT 256QAM	27.640	28.420	PASS
n78(3700-3800)	30	40	648000	100@0	DFT BPSK	37.610	37.860	PASS
n78(3700-3800)	30	40	648000	100@0	DFT QPSK	37.620	37.860	PASS
n78(3700-3800)	30	40	648000	100@0	DFT 16QAM	37.620	37.850	PASS
n78(3700-3800)	30	40	648000	100@0	DFT 64QAM	37.620	37.890	PASS
n78(3700-3800)	30	40	648000	100@0	DFT 256QAM	37.620	37.860	PASS
n78(3700-3800)	30	40	650000	100@0	DFT BPSK	37.510	37.870	PASS
n78(3700-3800)	30	40	650000	100@0	DFT QPSK	37.640	37.880	PASS
n78(3700-3800)	30	40	650000	100@0	DFT 16QAM	37.520	37.870	PASS
n78(3700-3800)	30	40	650000	100@0	DFT 64QAM	37.610	37.890	PASS
n78(3700-3800)	30	40	650000	100@0	DFT 256QAM	37.500	37.850	PASS
n78(3700-3800)	30	40	652000	100@0	DFT BPSK	37.600	37.870	PASS
n78(3700-3800)	30	40	652000	100@0	DFT QPSK	37.650	37.890	PASS
n78(3700-3800)	30	40	652000	100@0	DFT 16QAM	37.620	37.880	PASS
n78(3700-3800)	30	40	652000	100@0	DFT 64QAM	37.640	37.860	PASS
n78(3700-3800)	30	40	652000	100@0	DFT 256QAM	37.510	37.870	PASS
n78(3700-3800)	30	50	648334	128@0	DFT BPSK	47.090	48.350	PASS
n78(3700-3800)	30	50	648334	128@0	DFT QPSK	47.230	48.350	PASS
n78(3700-3800)	30	50	648334	128@0	DFT 16QAM	47.210	48.340	PASS
n78(3700-3800)	30	50	648334	128@0	DFT 64QAM	47.260	48.370	PASS
n78(3700-3800)	30	50	648334	128@0	DFT 256QAM	47.100	48.340	PASS
n78(3700-3800)	30	50	650000	128@0	DFT BPSK	47.060	48.340	PASS
n78(3700-3800)	30	50	650000	128@0	DFT QPSK	47.080	48.340	PASS
n78(3700-3800)	30	50	650000	128@0	DFT 16QAM	47.080	48.370	PASS
n78(3700-3800)	30	50	650000	128@0	DFT 64QAM	47.230	48.350	PASS
n78(3700-3800)	30	50	650000	128@0	DFT 256QAM	47.210	48.360	PASS
n78(3700-3800)	30	50	651666	128@0	DFT BPSK	47.080	48.360	PASS
n78(3700-3800)	30	50	651666	128@0	DFT QPSK	47.220	48.360	PASS
n78(3700-3800)	30	50	651666	128@0	DFT 16QAM	47.080	48.350	PASS
n78(3700-3800)	30	50	651666	128@0	DFT 64QAM	47.240	48.370	PASS
n78(3700-3800)	30	50	651666	128@0	DFT 256QAM	47.100	48.340	PASS
n78(3700-3800)	30	60	648668	162@0	DFT BPSK	57.950	60.980	PASS
n78(3700-3800)	30	60	648668	162@0	DFT QPSK	57.960	60.960	PASS

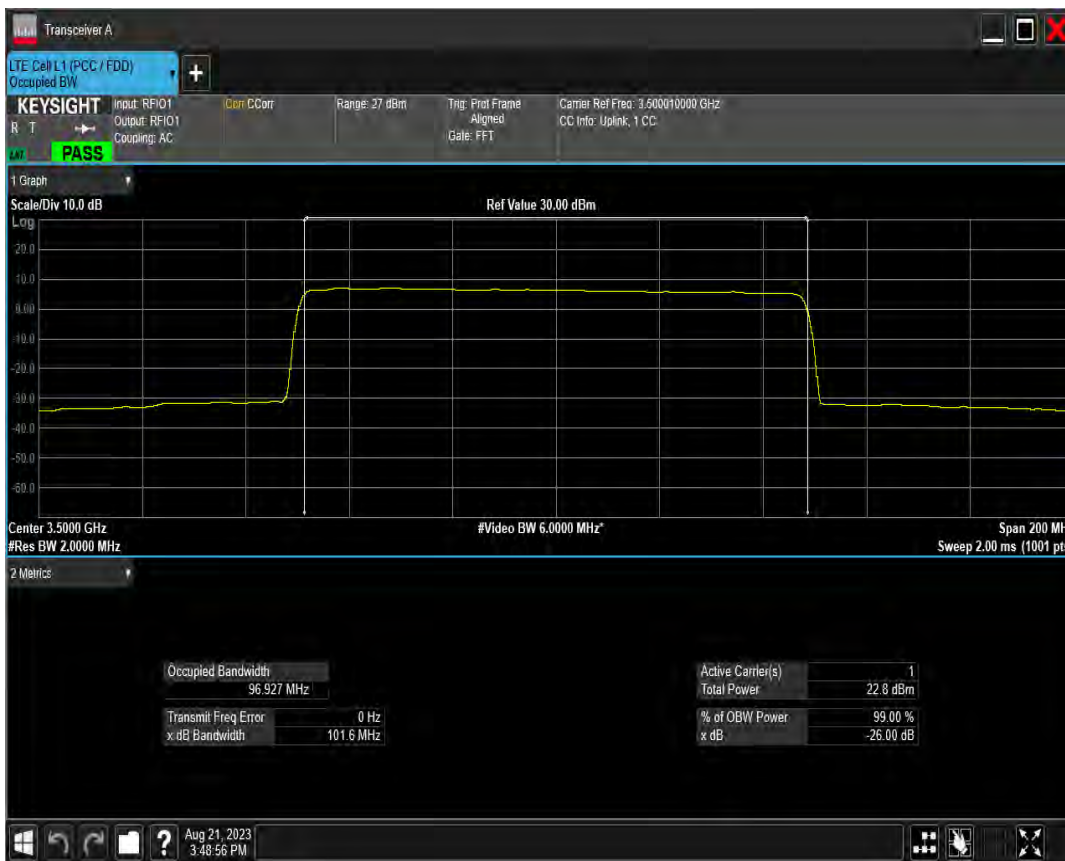
n78(3700-3800)	30	60	648668	162@0	DFT 16QAM	58.080	60.980	PASS
n78(3700-3800)	30	60	648668	162@0	DFT 64QAM	57.960	60.980	PASS
n78(3700-3800)	30	60	648668	162@0	DFT 256QAM	57.940	60.970	PASS
n78(3700-3800)	30	60	650000	162@0	DFT BPSK	57.950	60.980	PASS
n78(3700-3800)	30	60	650000	162@0	DFT QPSK	58.090	61.000	PASS
n78(3700-3800)	30	60	650000	162@0	DFT 16QAM	57.950	60.980	PASS
n78(3700-3800)	30	60	650000	162@0	DFT 64QAM	57.940	60.980	PASS
n78(3700-3800)	30	60	650000	162@0	DFT 256QAM	58.090	60.980	PASS
n78(3700-3800)	30	60	651332	162@0	DFT BPSK	58.090	60.980	PASS
n78(3700-3800)	30	60	651332	162@0	DFT QPSK	58.090	60.980	PASS
n78(3700-3800)	30	60	651332	162@0	DFT 16QAM	58.080	60.970	PASS
n78(3700-3800)	30	60	651332	162@0	DFT 64QAM	58.110	61.010	PASS
n78(3700-3800)	30	60	651332	162@0	DFT 256QAM	57.940	60.960	PASS
n78(3700-3800)	30	80	649334	216@0	DFT BPSK	77.470	81.320	PASS
n78(3700-3800)	30	80	649334	216@0	DFT QPSK	77.500	81.330	PASS
n78(3700-3800)	30	80	649334	216@0	DFT 16QAM	77.470	81.350	PASS
n78(3700-3800)	30	80	649334	216@0	DFT 64QAM	77.500	81.330	PASS
n78(3700-3800)	30	80	649334	216@0	DFT 256QAM	77.460	81.320	PASS
n78(3700-3800)	30	80	650000	216@0	DFT BPSK	77.470	81.330	PASS
n78(3700-3800)	30	80	650000	216@0	DFT QPSK	77.450	81.340	PASS
n78(3700-3800)	30	80	650000	216@0	DFT 16QAM	77.480	81.360	PASS
n78(3700-3800)	30	80	650000	216@0	DFT 64QAM	77.510	81.370	PASS
n78(3700-3800)	30	80	650000	216@0	DFT 256QAM	77.460	81.350	PASS
n78(3700-3800)	30	80	650666	216@0	DFT BPSK	77.470	81.330	PASS
n78(3700-3800)	30	80	650666	216@0	DFT QPSK	77.470	81.330	PASS
n78(3700-3800)	30	80	650666	216@0	DFT 16QAM	77.460	81.340	PASS
n78(3700-3800)	30	80	650666	216@0	DFT 64QAM	77.490	81.330	PASS
n78(3700-3800)	30	80	650666	216@0	DFT 256QAM	77.450	81.320	PASS
n78(3700-3800)	30	90	649668	240@0	DFT BPSK	86.840	90.460	PASS
n78(3700-3800)	30	90	649668	240@0	DFT QPSK	86.820	90.400	PASS
n78(3700-3800)	30	90	649668	240@0	DFT 16QAM	86.820	90.410	PASS
n78(3700-3800)	30	90	649668	240@0	DFT 64QAM	86.870	90.500	PASS
n78(3700-3800)	30	90	649668	240@0	DFT 256QAM	86.830	90.430	PASS
n78(3700-3800)	30	90	650000	240@0	DFT BPSK	86.840	90.460	PASS
n78(3700-3800)	30	90	650000	240@0	DFT QPSK	86.820	90.410	PASS
n78(3700-3800)	30	90	650000	240@0	DFT 16QAM	86.830	90.430	PASS
n78(3700-3800)	30	90	650000	240@0	DFT 64QAM	86.860	90.510	PASS

n78(3700-3800)	30	90	650000	240@0	DFT 256QAM	86.830	90.440	PASS
n78(3700-3800)	30	90	650332	240@0	DFT BPSK	86.830	90.470	PASS
n78(3700-3800)	30	90	650332	240@0	DFT QPSK	86.800	90.410	PASS
n78(3700-3800)	30	90	650332	240@0	DFT 16QAM	86.810	90.430	PASS
n78(3700-3800)	30	90	650332	240@0	DFT 64QAM	86.850	90.520	PASS
n78(3700-3800)	30	90	650332	240@0	DFT 256QAM	86.820	90.450	PASS
n78(3700-3800)	30	100	650000	270@0	DFT BPSK	96.940	101.550	PASS
n78(3700-3800)	30	100	650000	270@0	DFT QPSK	96.940	101.560	PASS
n78(3700-3800)	30	100	650000	270@0	DFT 16QAM	96.910	101.590	PASS
n78(3700-3800)	30	100	650000	270@0	DFT 64QAM	96.920	101.620	PASS
n78(3700-3800)	30	100	650000	270@0	DFT 256QAM	96.930	101.610	PASS

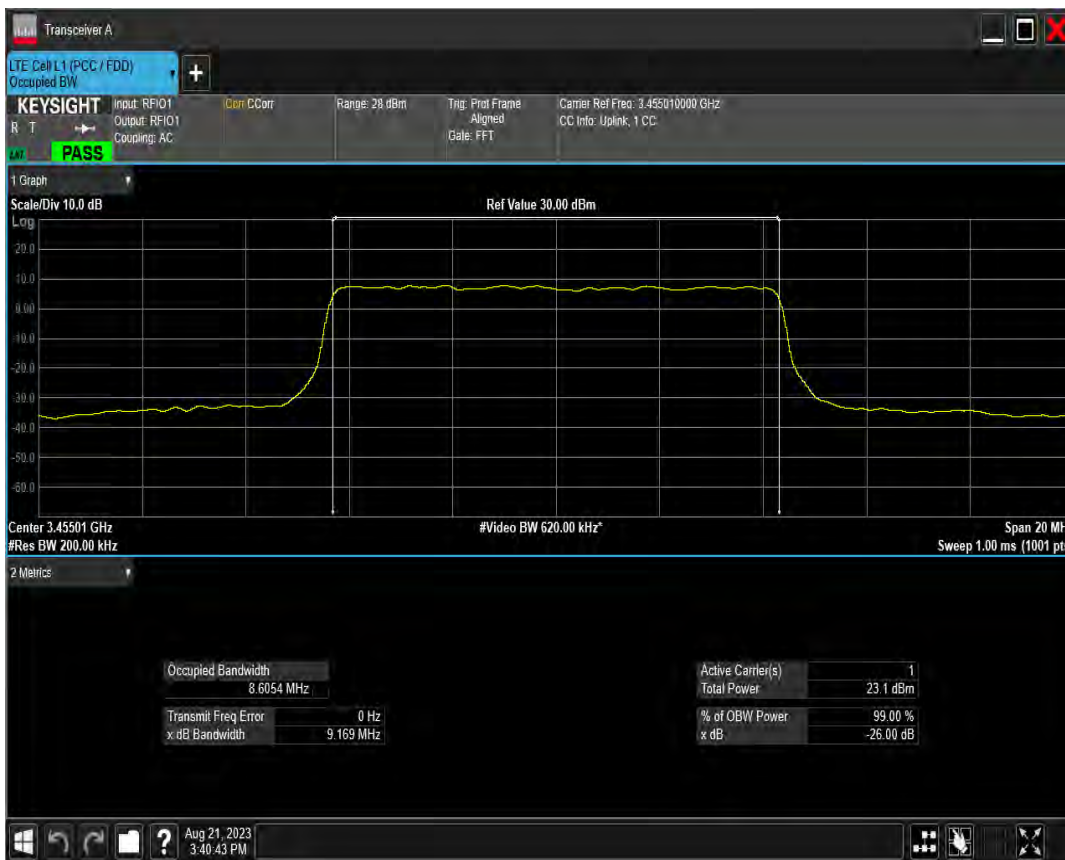
n78(3450-3550) SCS=30kHz DFT 16QAM BW=100MHz Channel=633332 RB=270@0



n78(3450-3550) SCS=30kHz DFT 16QAM BW=100MHz Channel=633334 RB=270@0

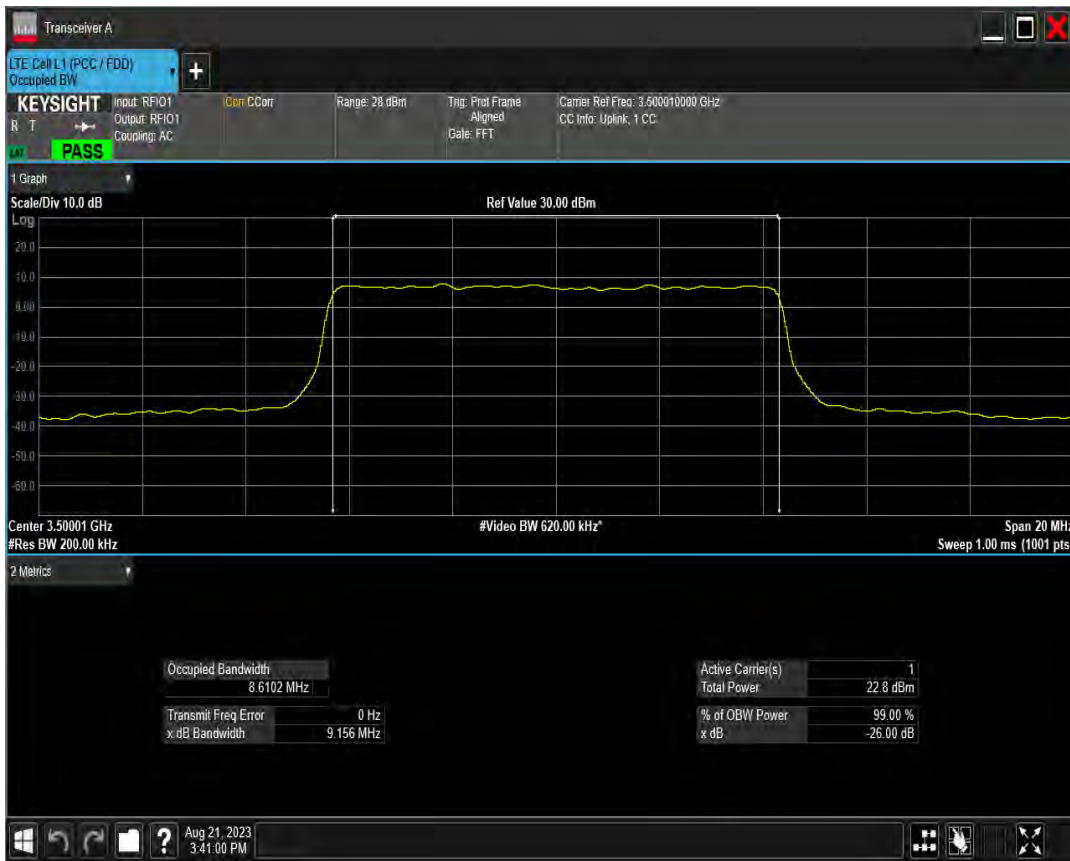


n78(3450-3550) SCS=30kHz DFT 16QAM BW=10MHz Channel=630334 RB=24 @0

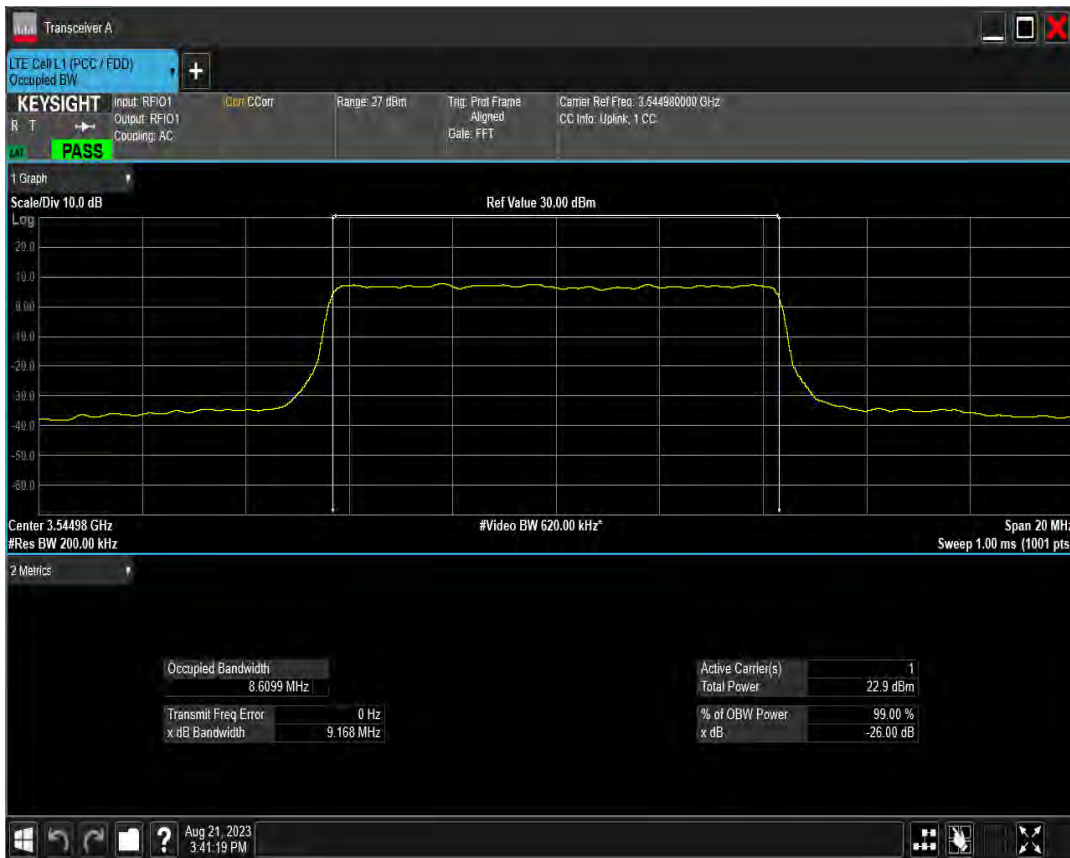


n78(3450-3550) SCS=30kHz DFT 16QAM BW=10MHz Channel=633334 RB=24 @0





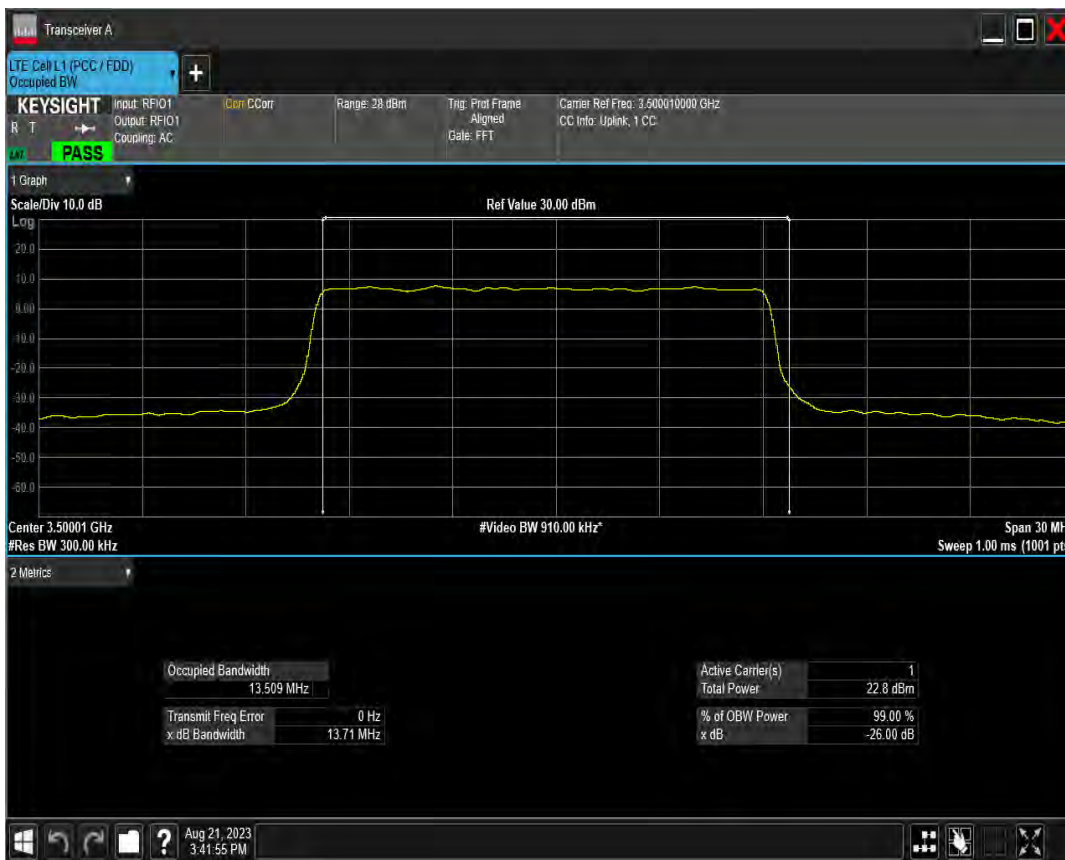
n78(3450-3550) SCS=30kHz DFT 16QAM BW=10MHz Channel=636332 RB=24@0



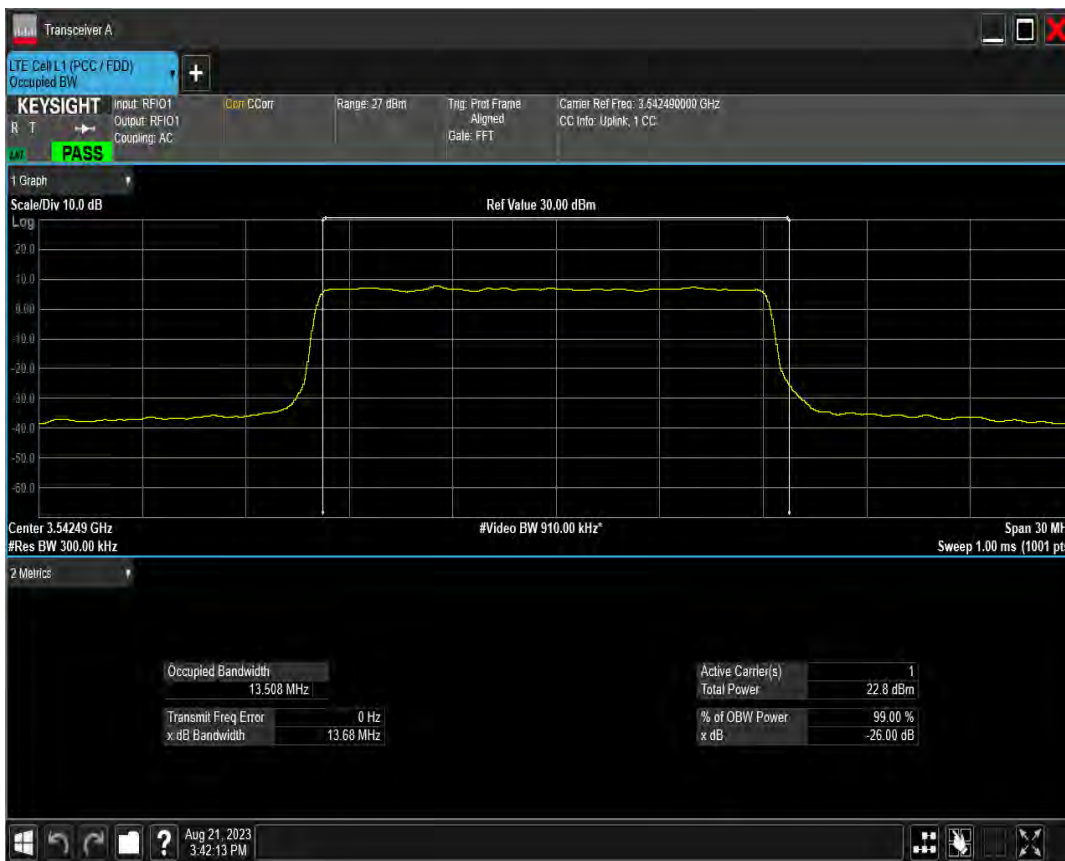
n78(3450-3550) SCS=30kHz DFT 16QAM BW=15MHz Channel=630500 RB=36@0



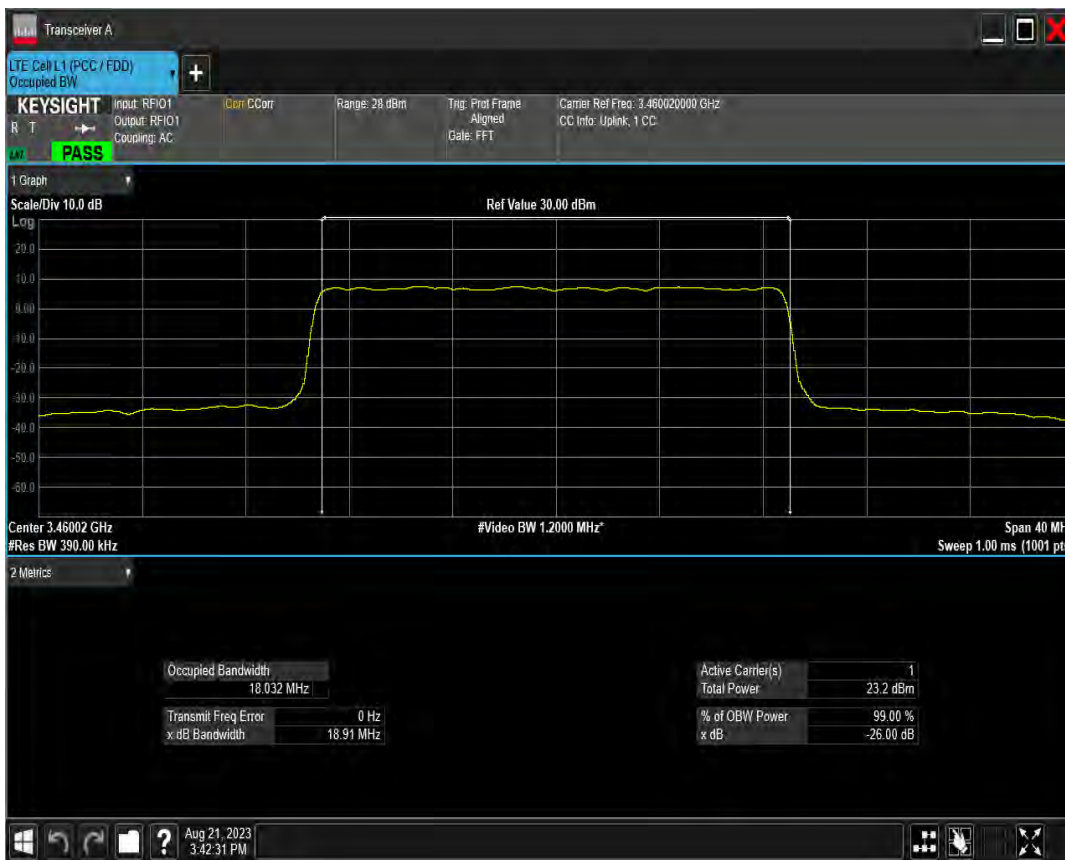
n78(3450-3550) SCS=30kHz DFT 16QAM BW=15MHz Channel=633334 RB=36@0



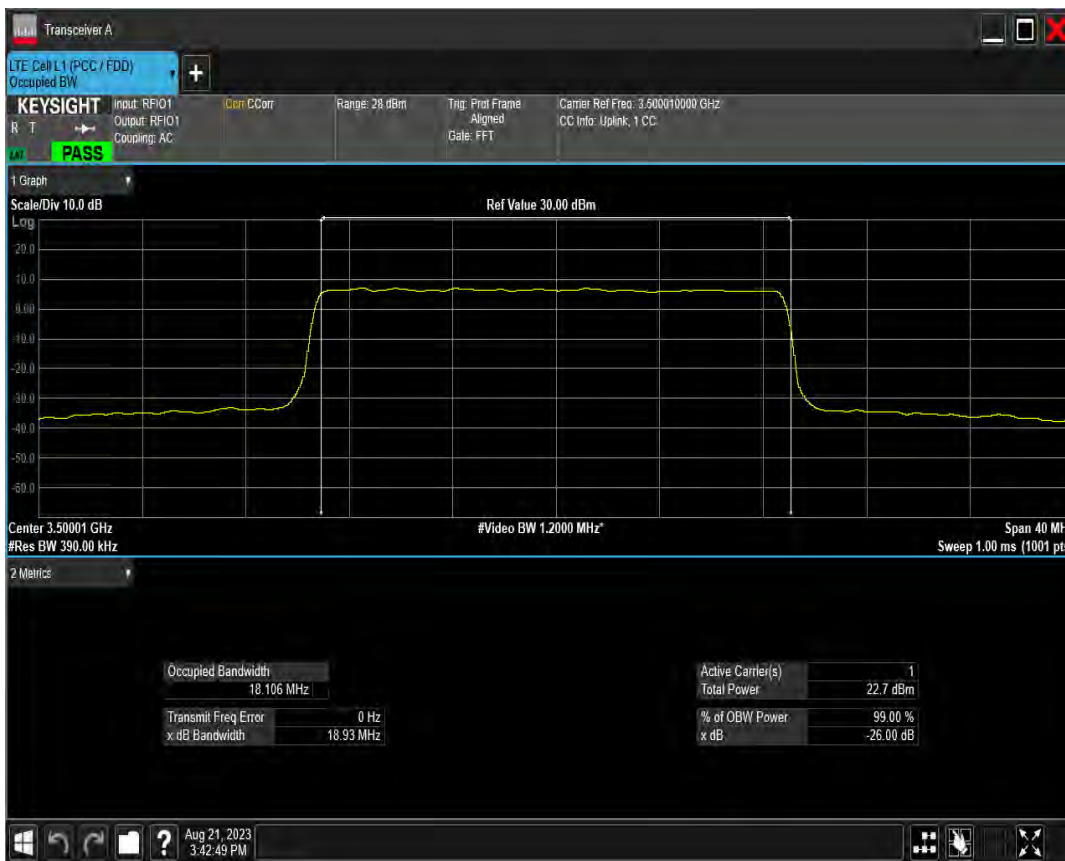
n78(3450-3550) SCS=30kHz DFT 16QAM BW=15MHz Channel=636166 RB=36@0



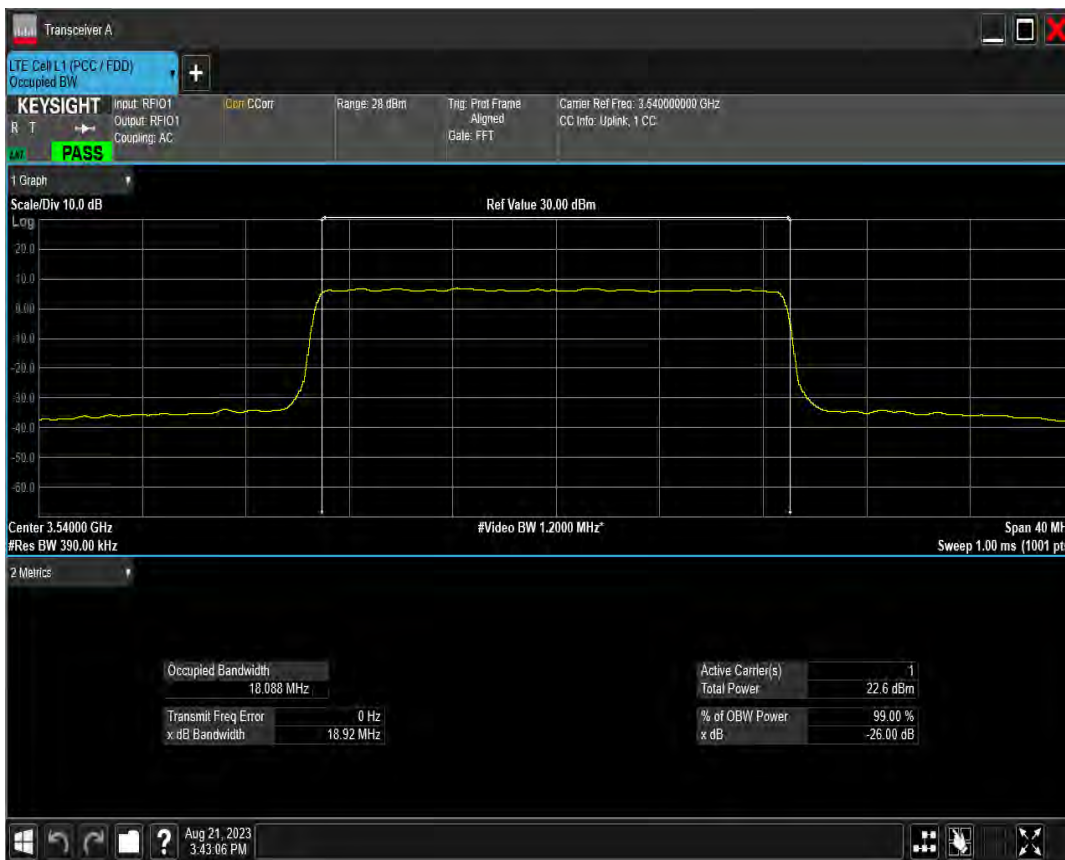
n78(3450-3550) SCS=30kHz DFT 16QAM BW=20MHz Channel=630668 RB=50@0



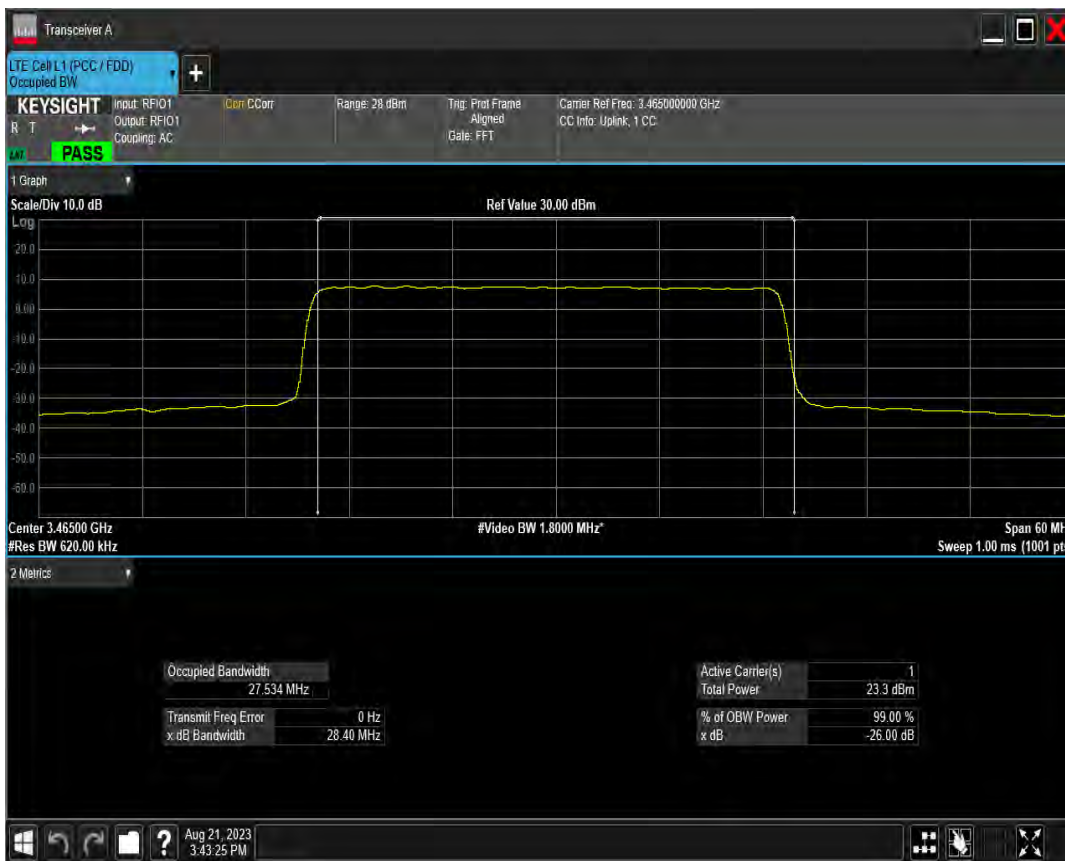
n78(3450-3550) SCS=30kHz DFT 16QAM BW=20MHz Channel=633334 RB=50@0



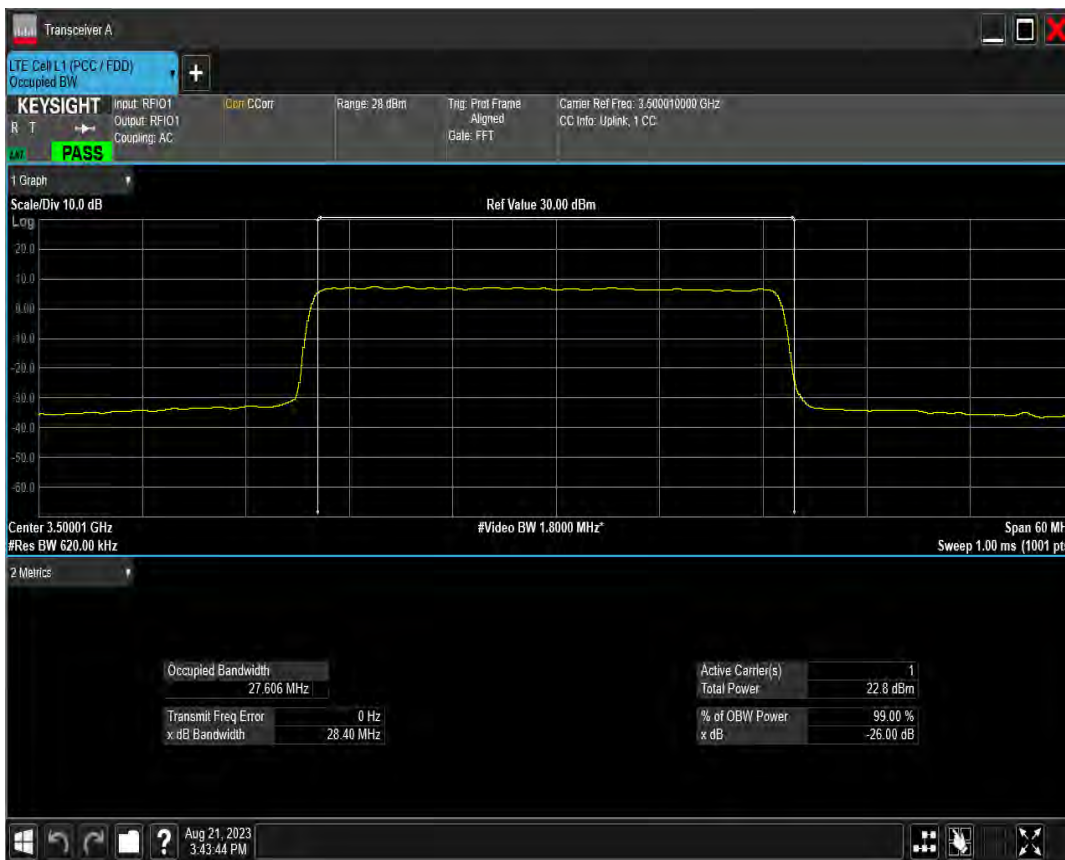
n78(3450-3550) SCS=30kHz DFT 16QAM BW=20MHz Channel=636000 RB=50@0



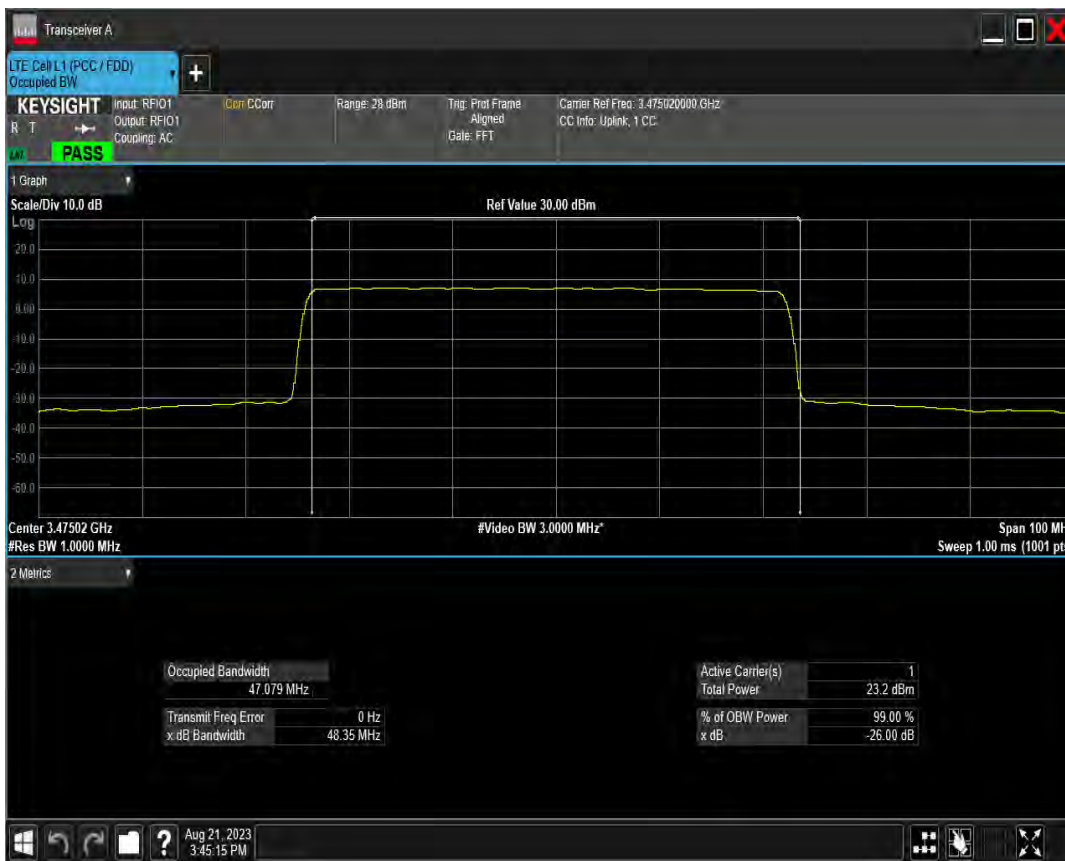
n78(3450-3550) SCS=30kHz DFT 16QAM BW=30MHz Channel=631000 RB=75@0



n78(3450-3550) SCS=30kHz DFT 16QAM BW=30MHz Channel=633334 RB=75@0



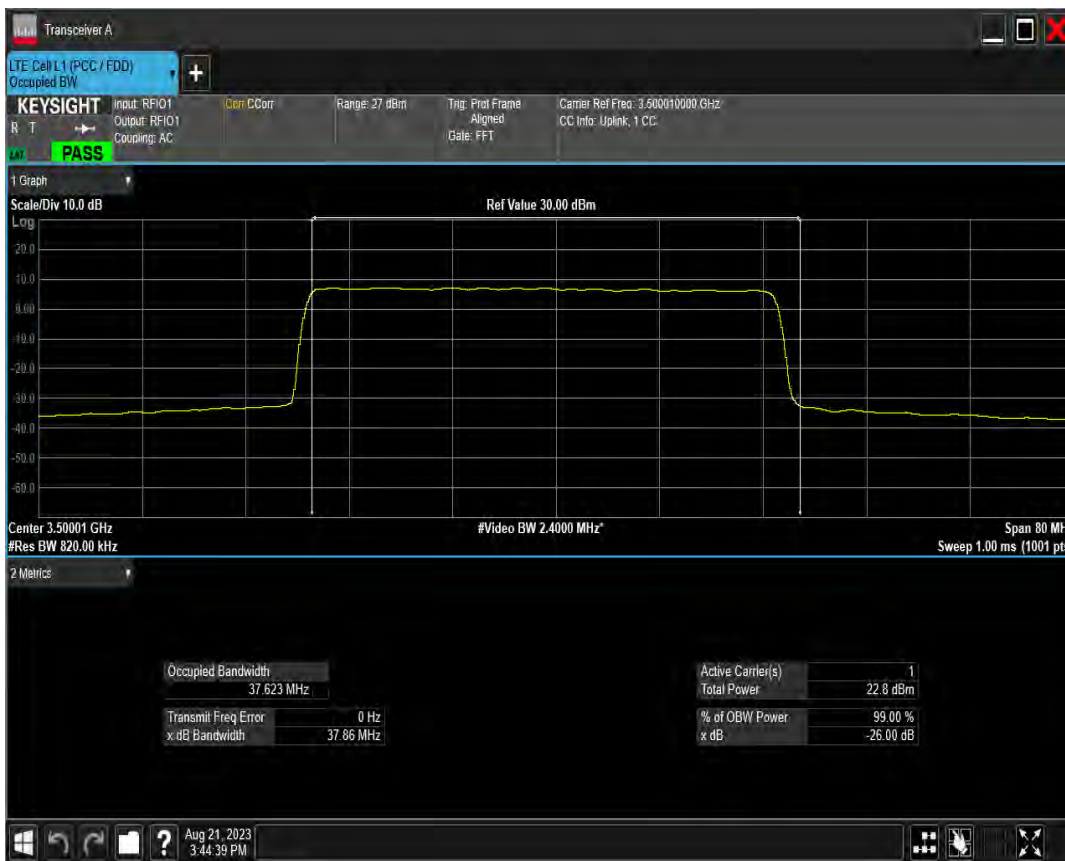
n78(3450-3550) SCS=30kHz DFT 16QAM BW=50MHz Channel=631668 RB=128@0



n78(3450-3550) SCS=30kHz DFT 16QAM BW=40MHz Channel=635332 RB=100@0



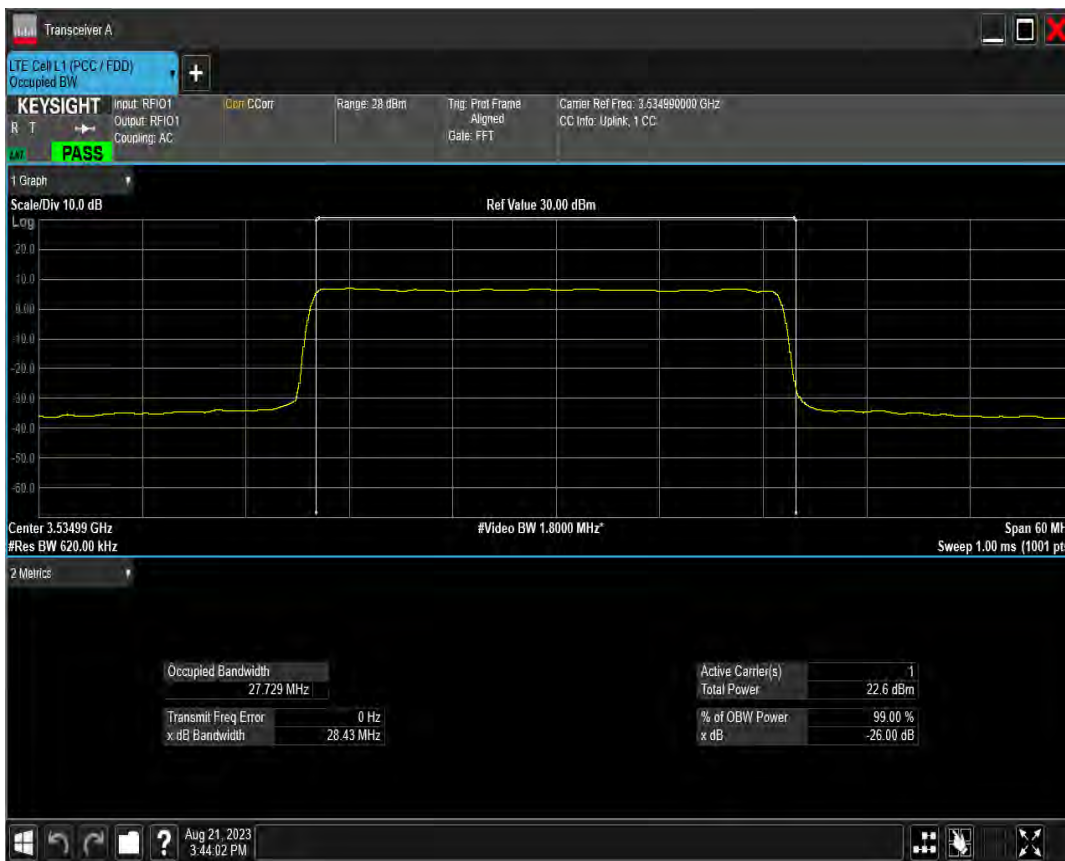
n78(3450-3550) SCS=30kHz DFT 16QAM BW=40MHz Channel=633334 RB=100@0



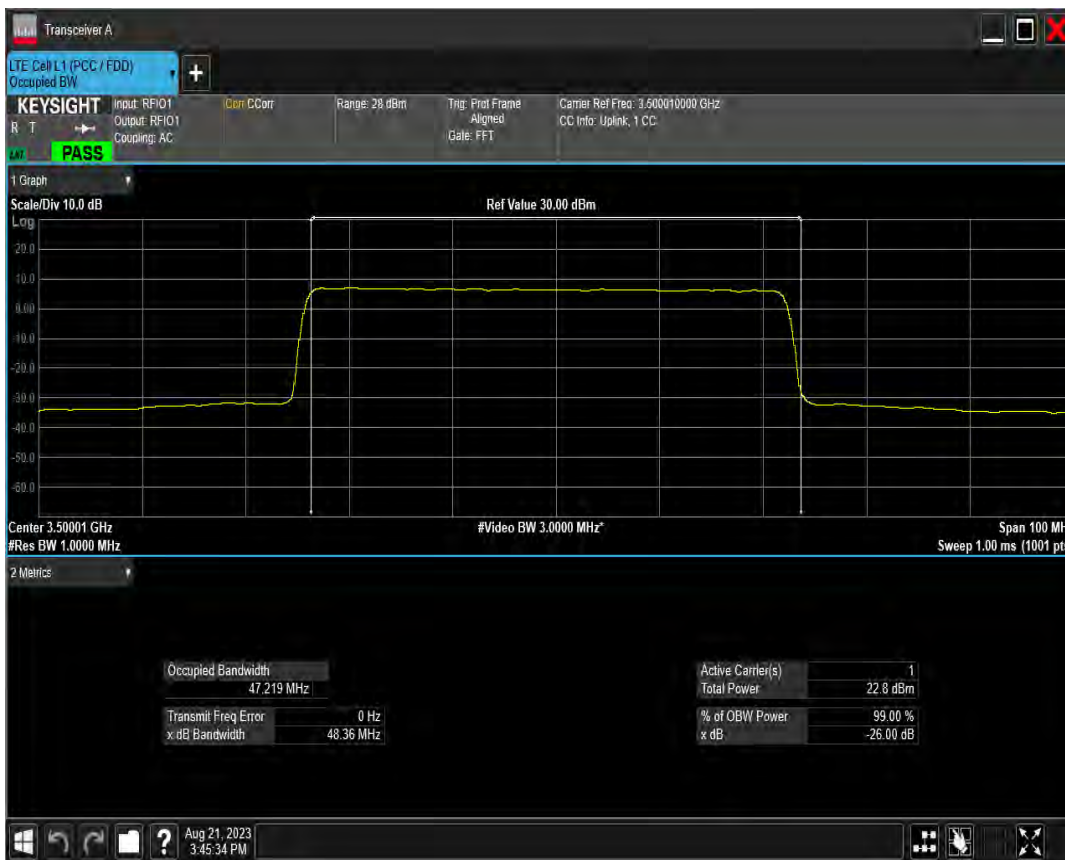
n78(3450-3550) SCS=30kHz DFT 16QAM BW=40MHz Channel=631334 RB=100@0



n78(3450-3550) SCS=30kHz DFT 16QAM BW=30MHz Channel=635666 RB=75@0



n78(3450-3550) SCS=30kHz DFT 16QAM BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT 16QAM BW=50MHz Channel=635000 RB=128@0