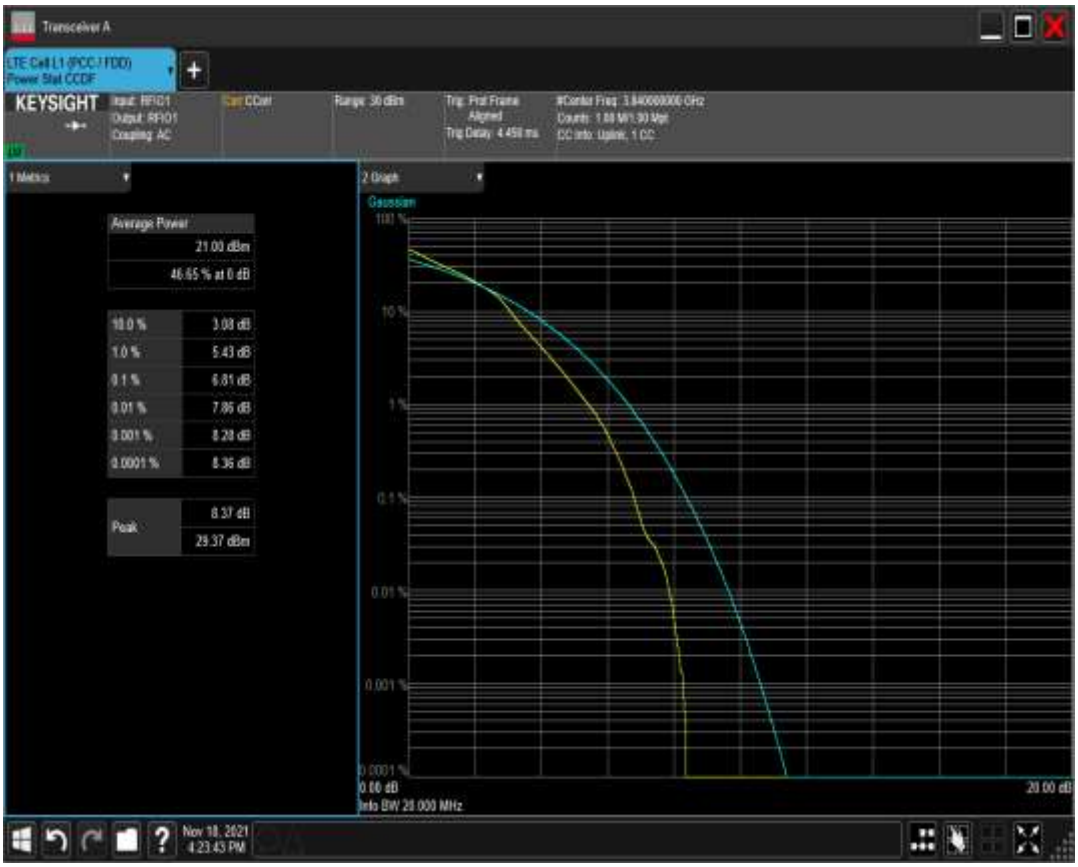
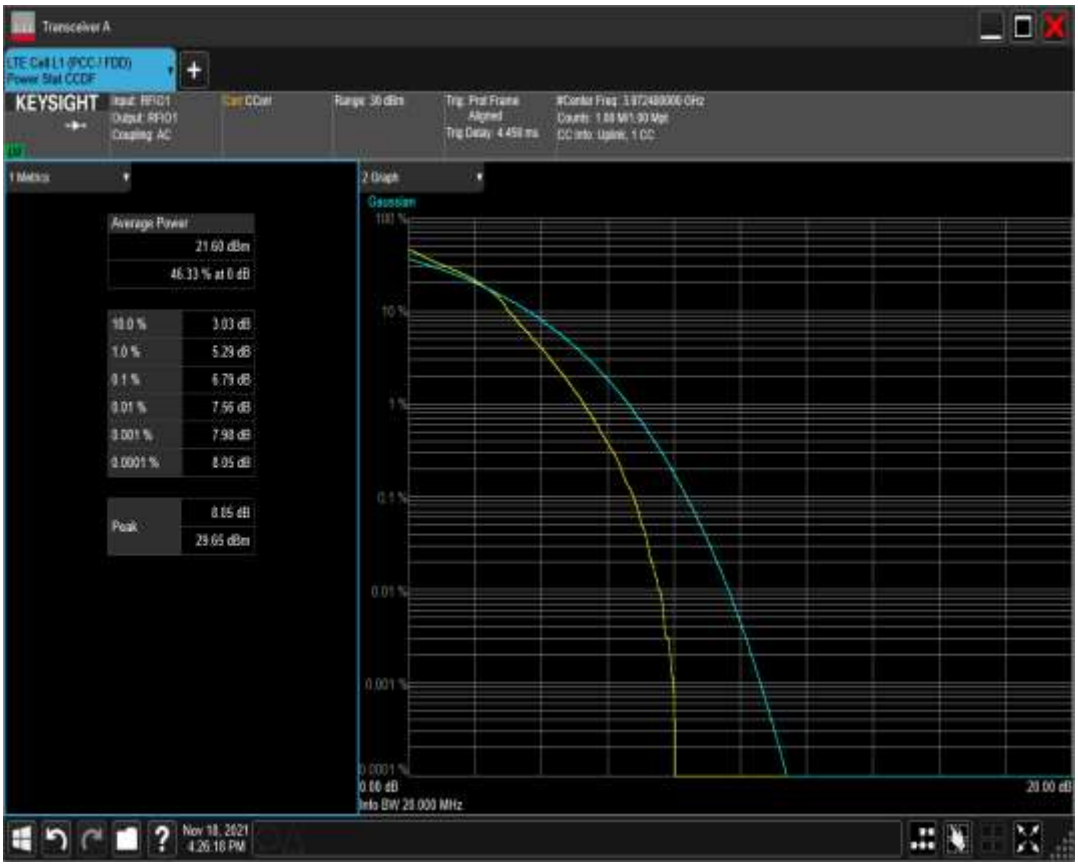


n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=664832 RB=36@0



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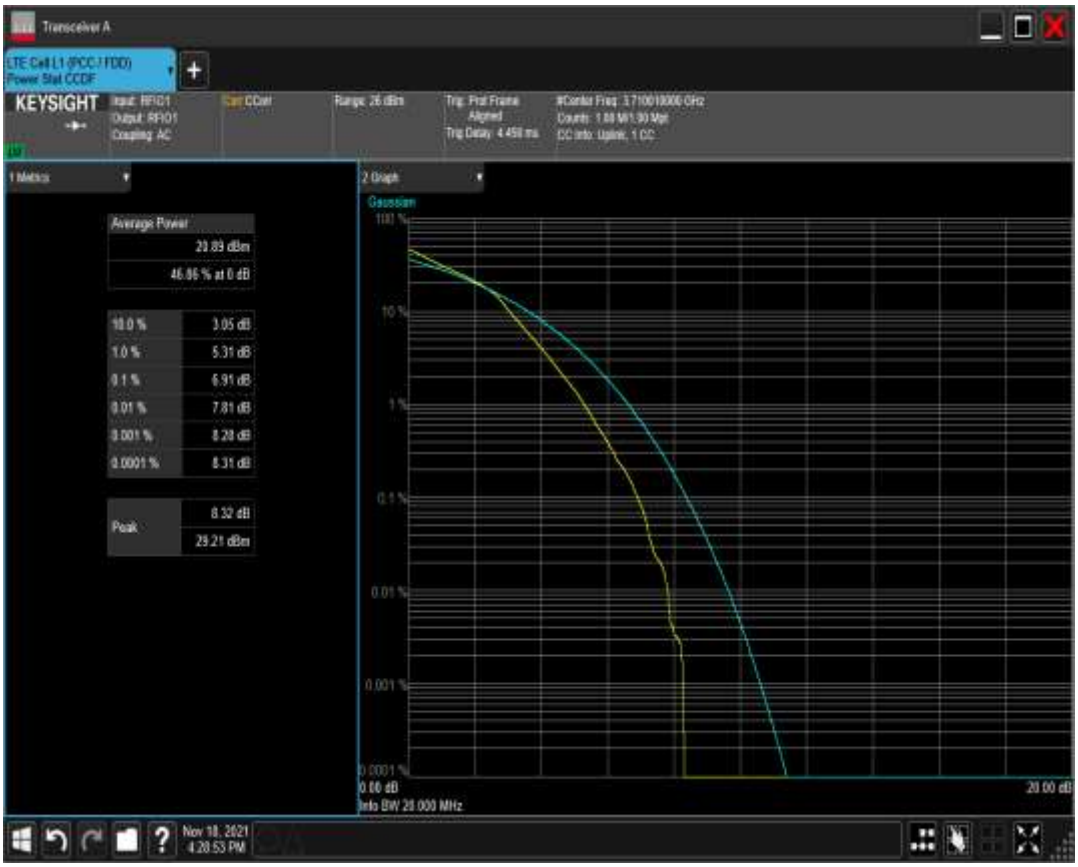
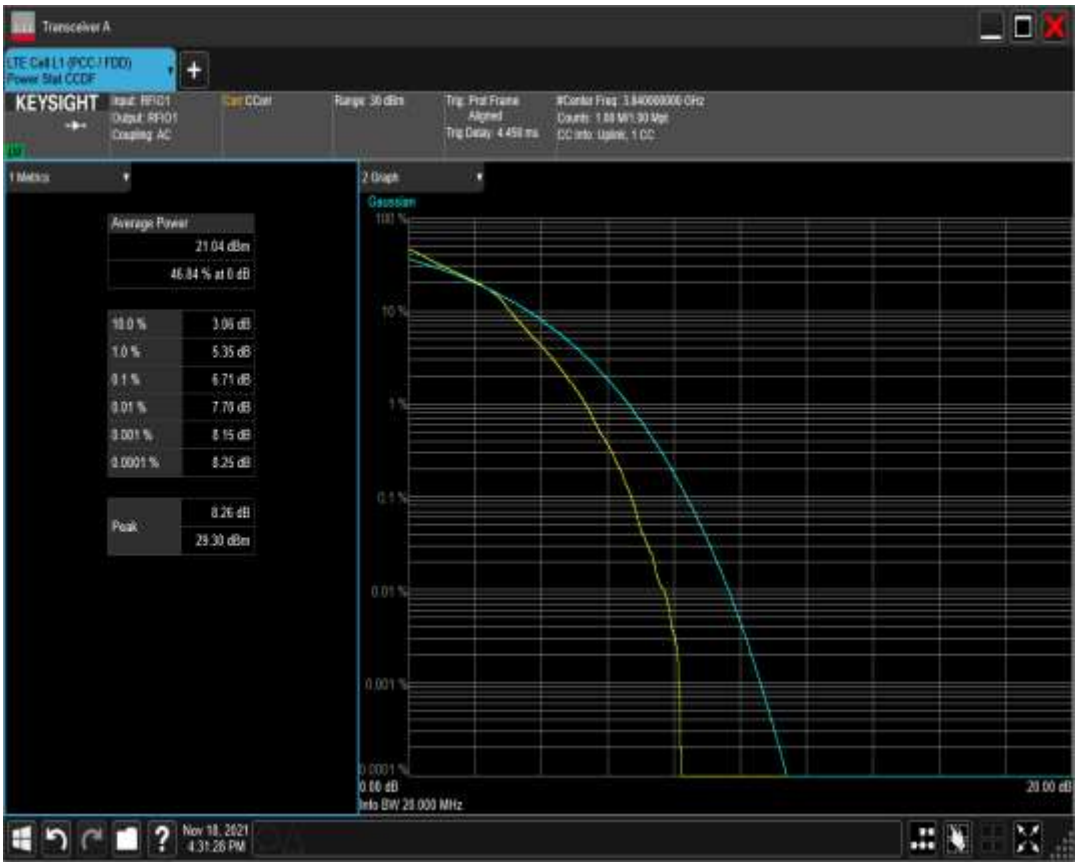


n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=656000 RB=50@0



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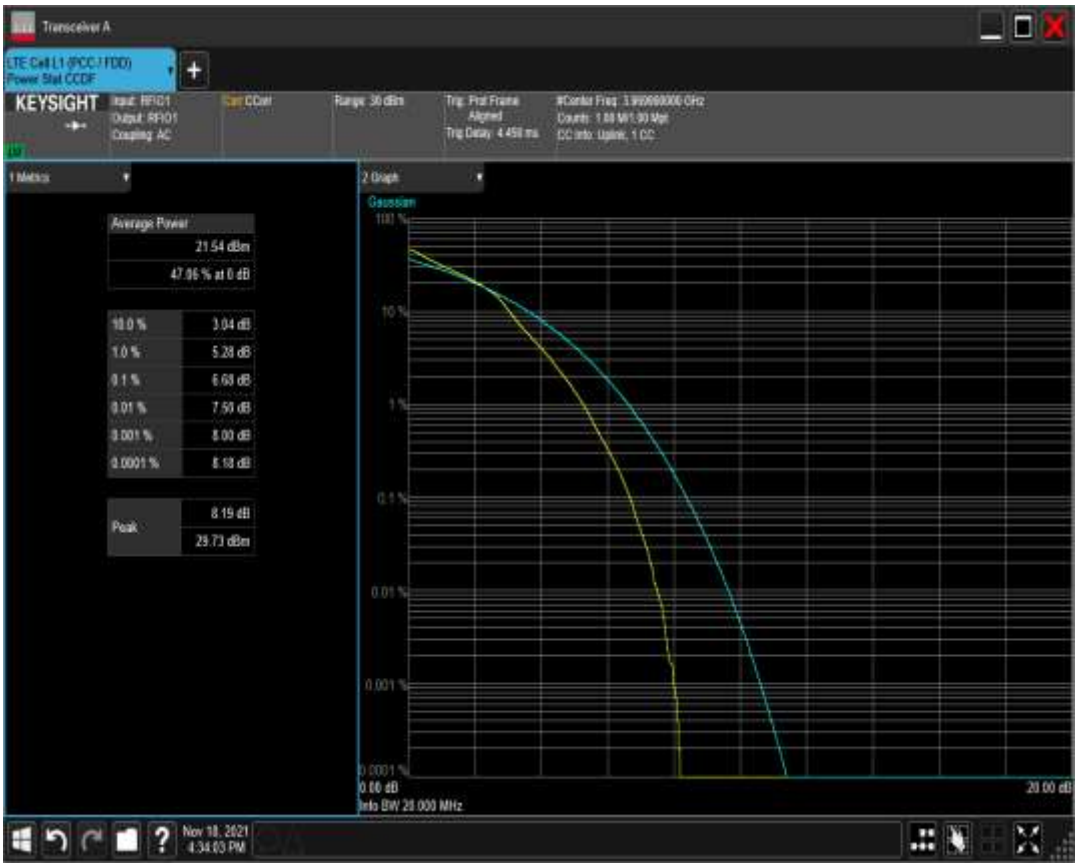
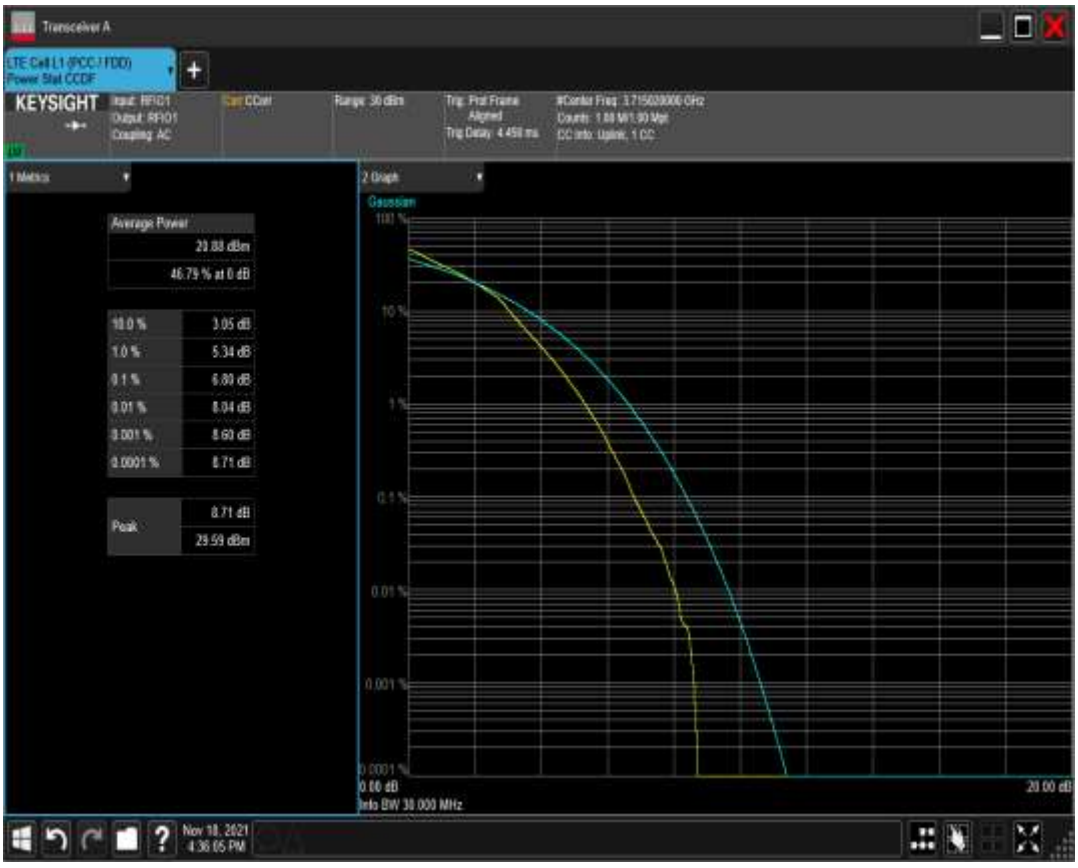
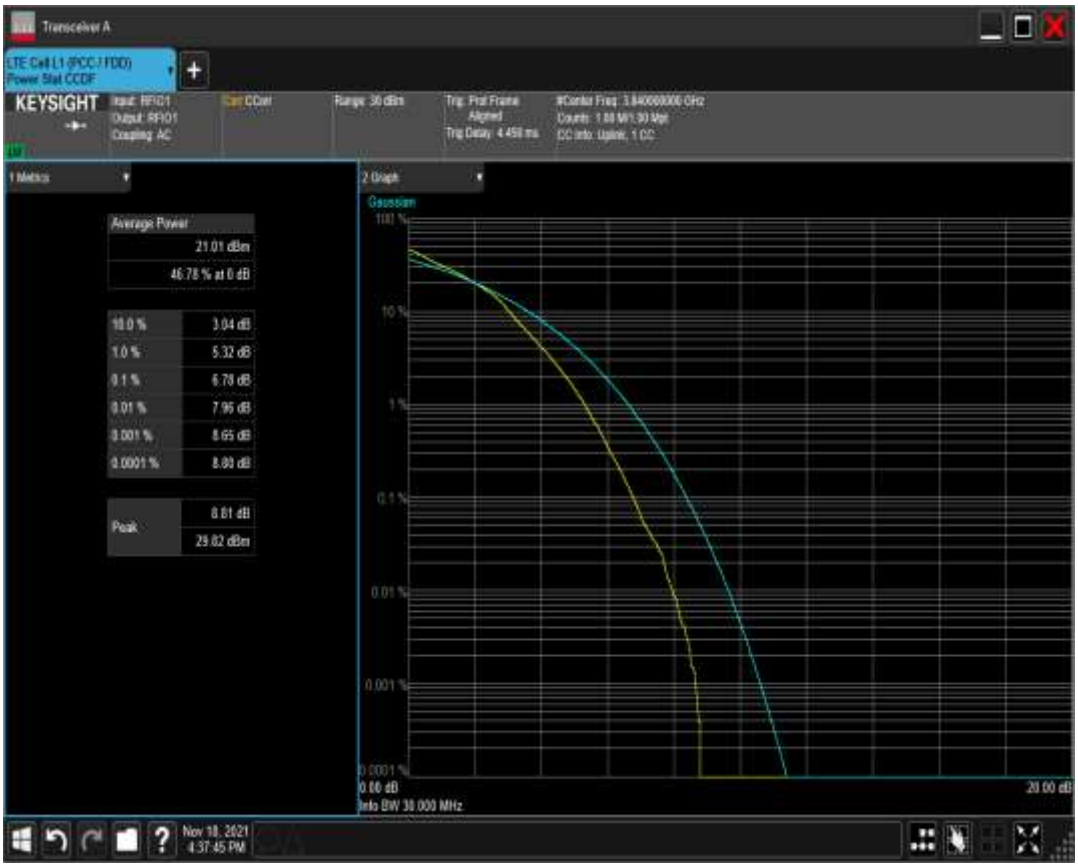


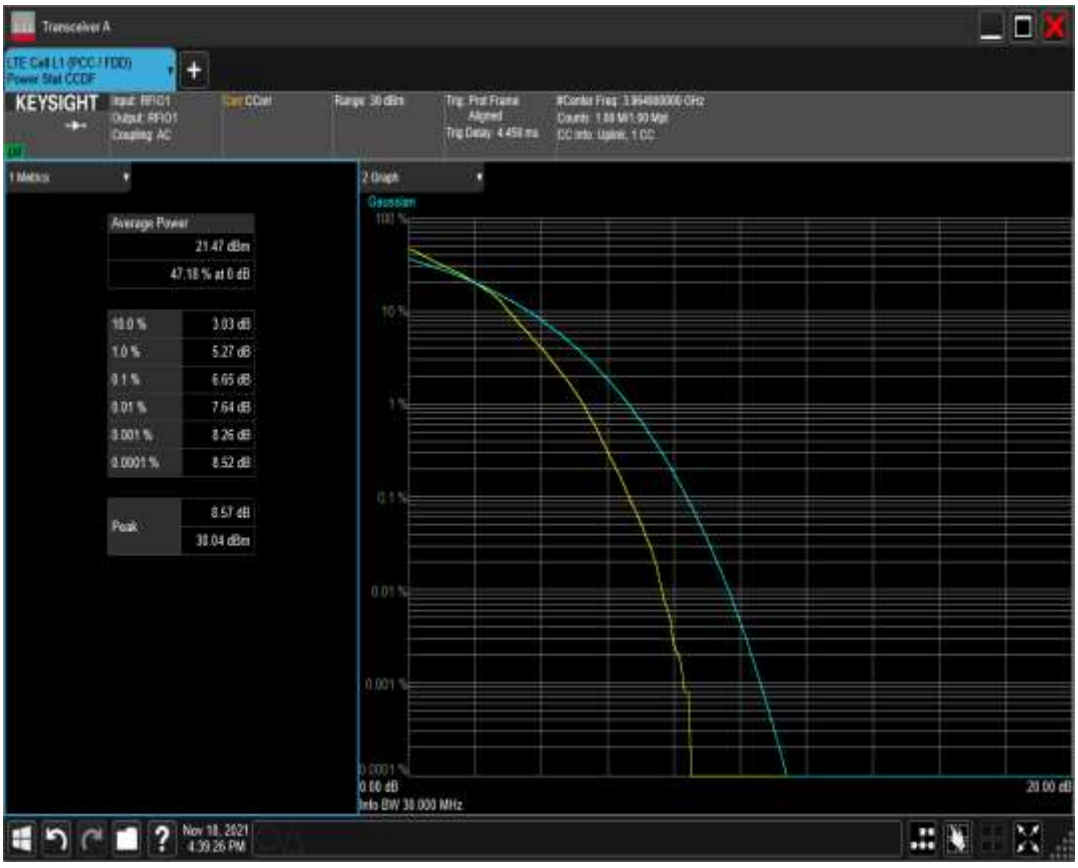
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=647668 RB=75@0



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



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=664332 RB=75@0



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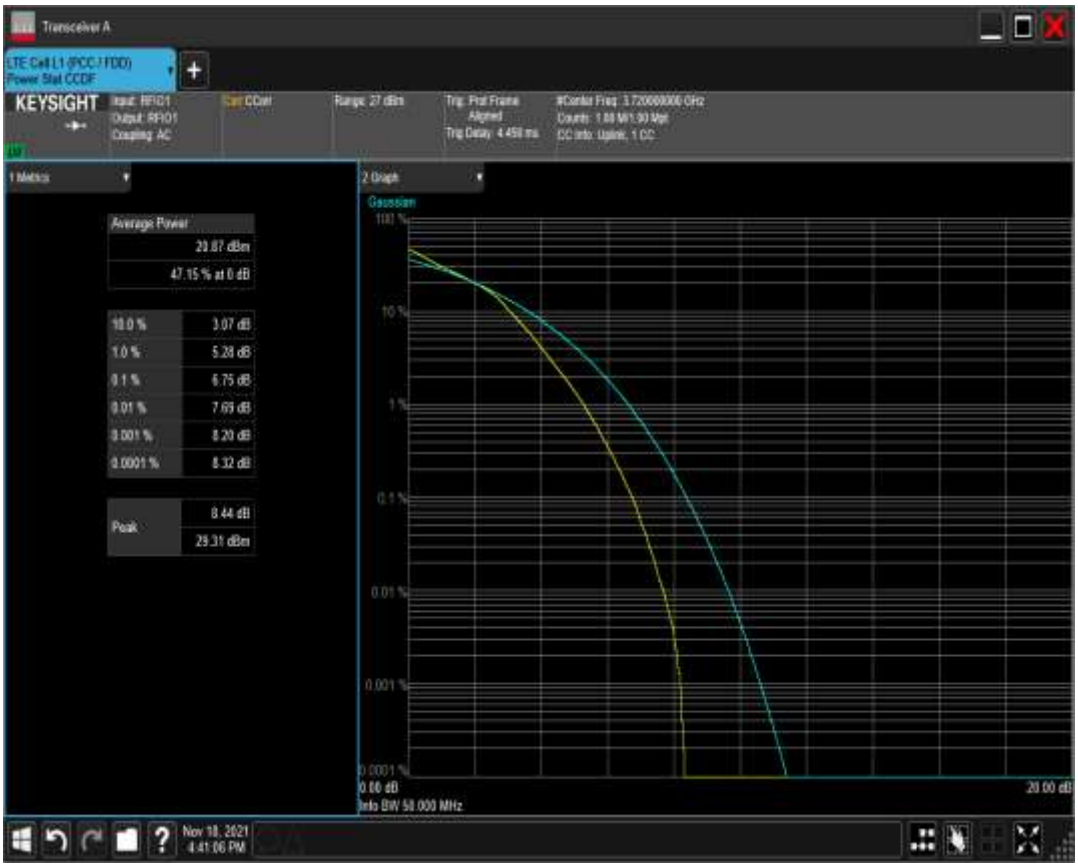
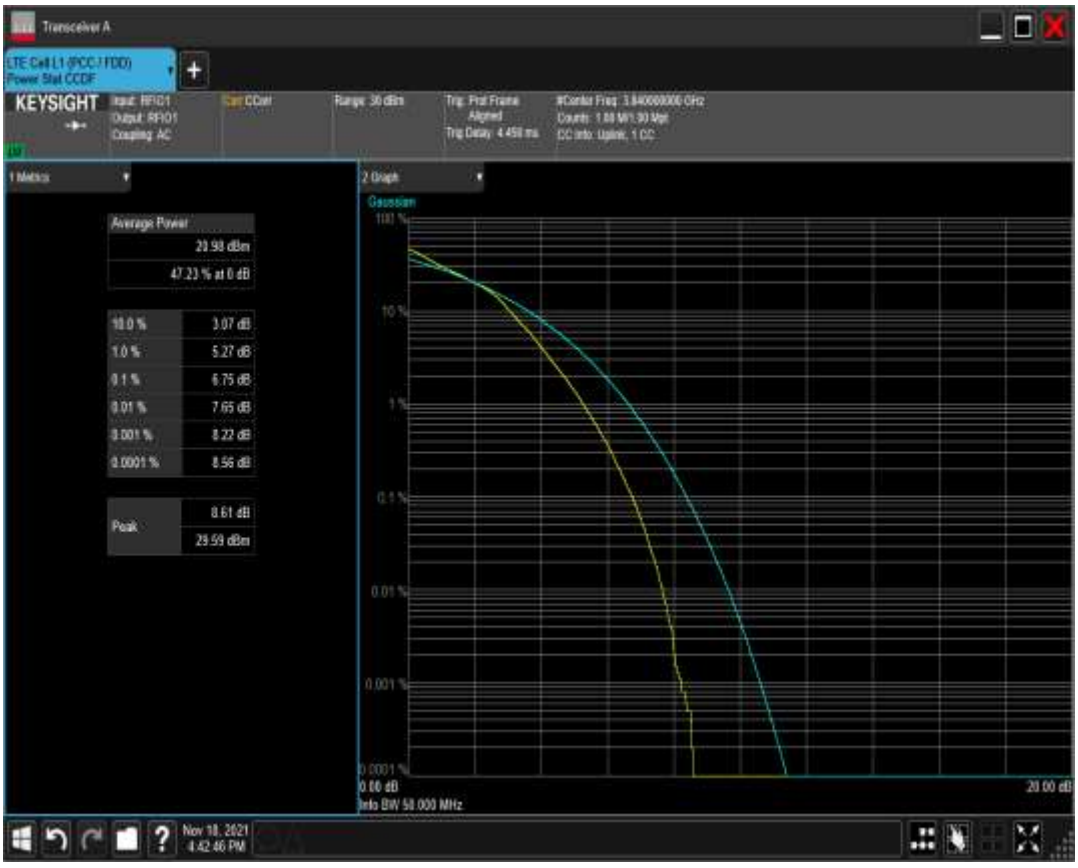


n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0



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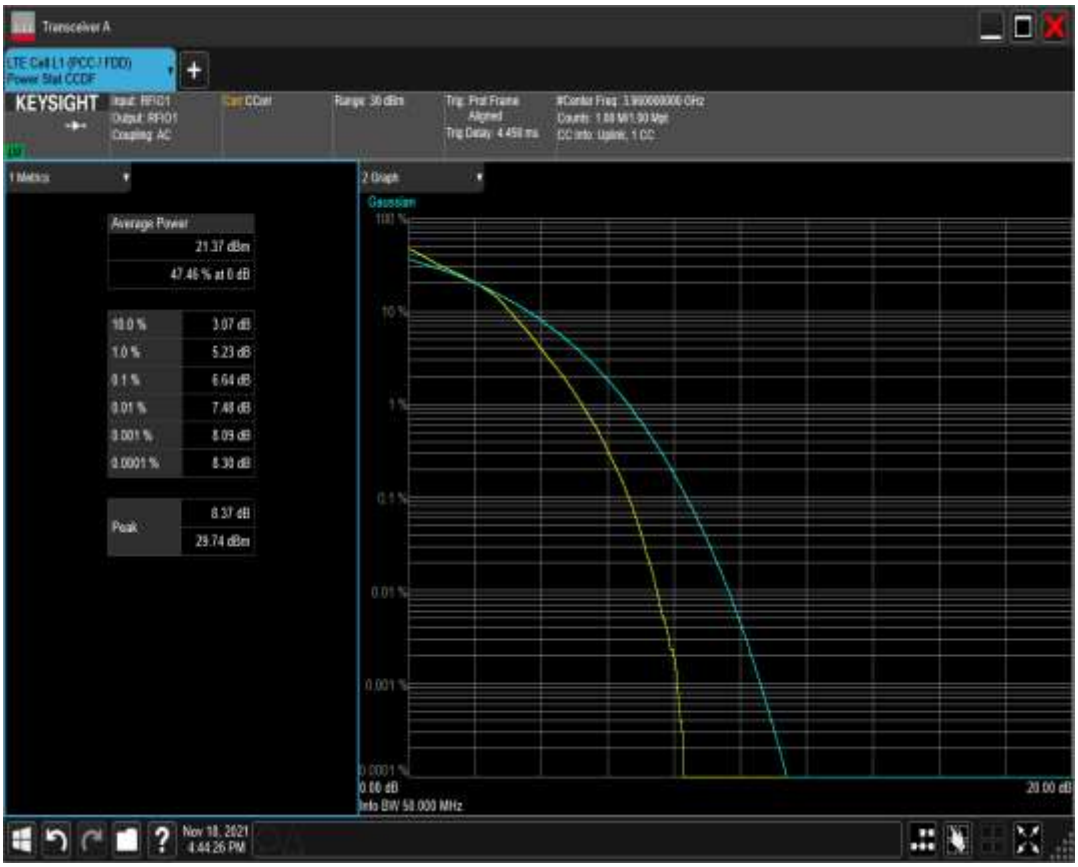

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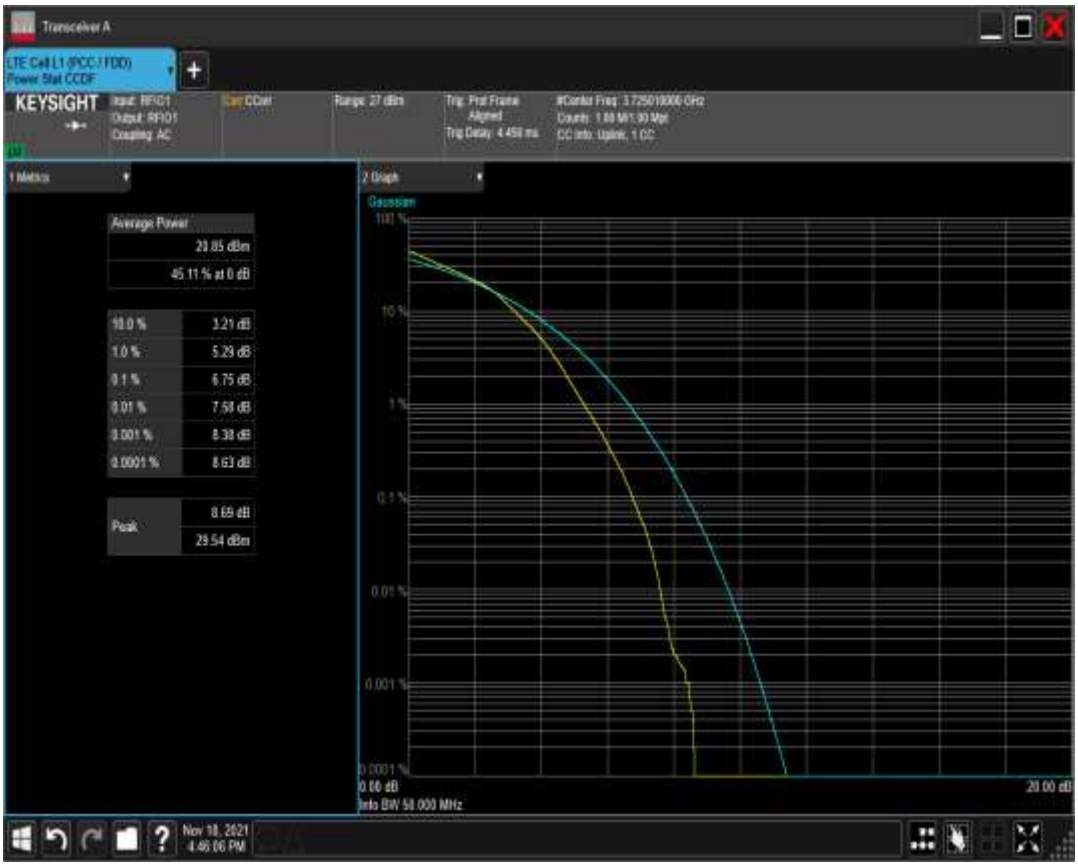

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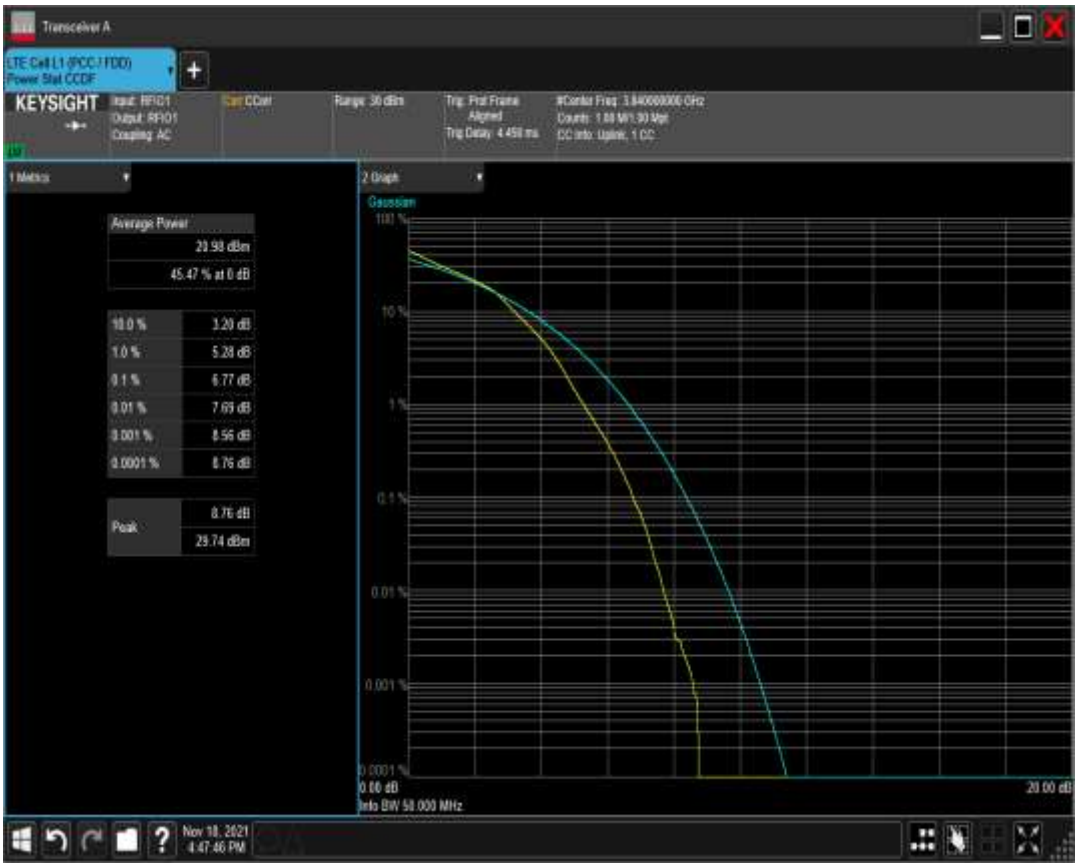
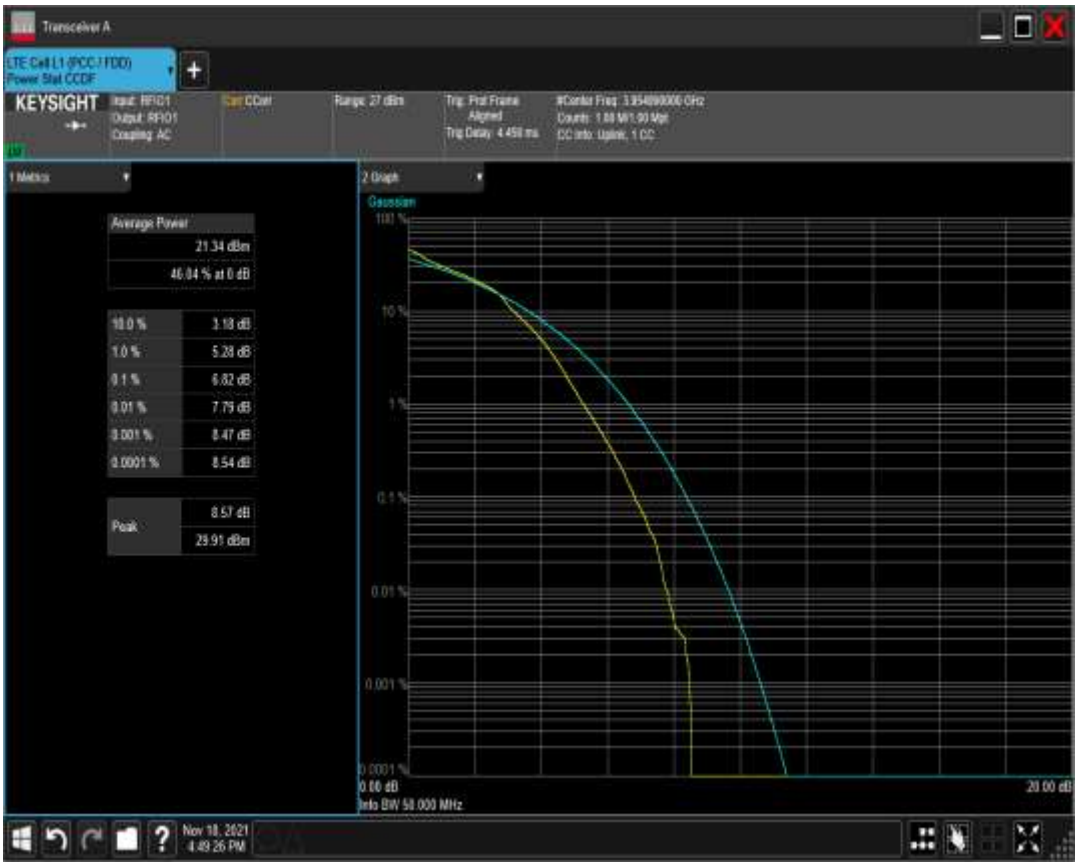
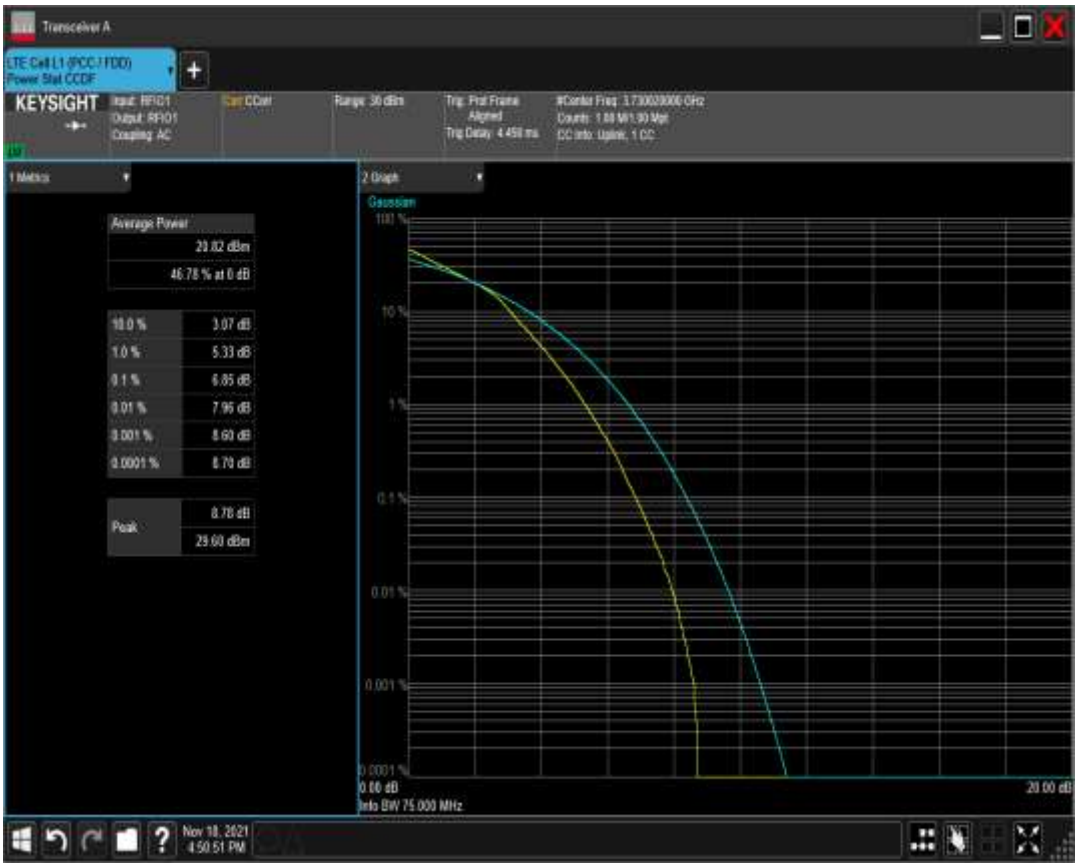


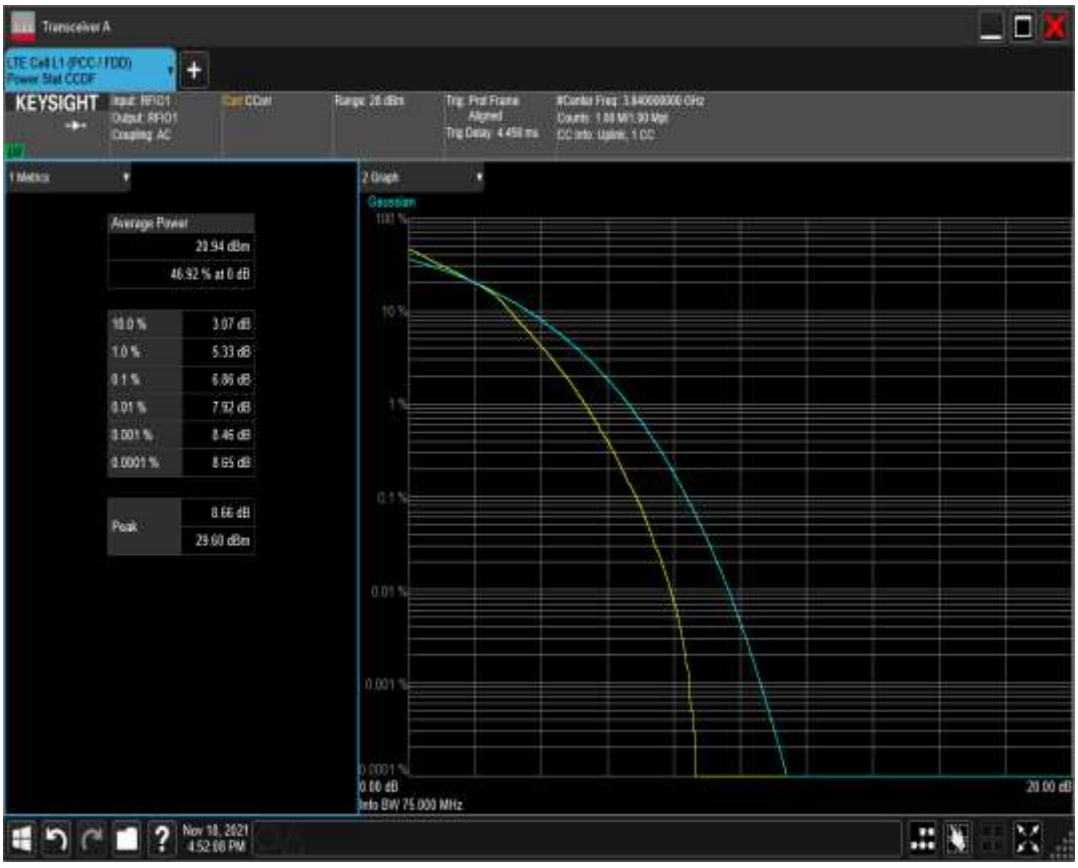
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=663666 RB=128@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=648668 RB=162@0



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



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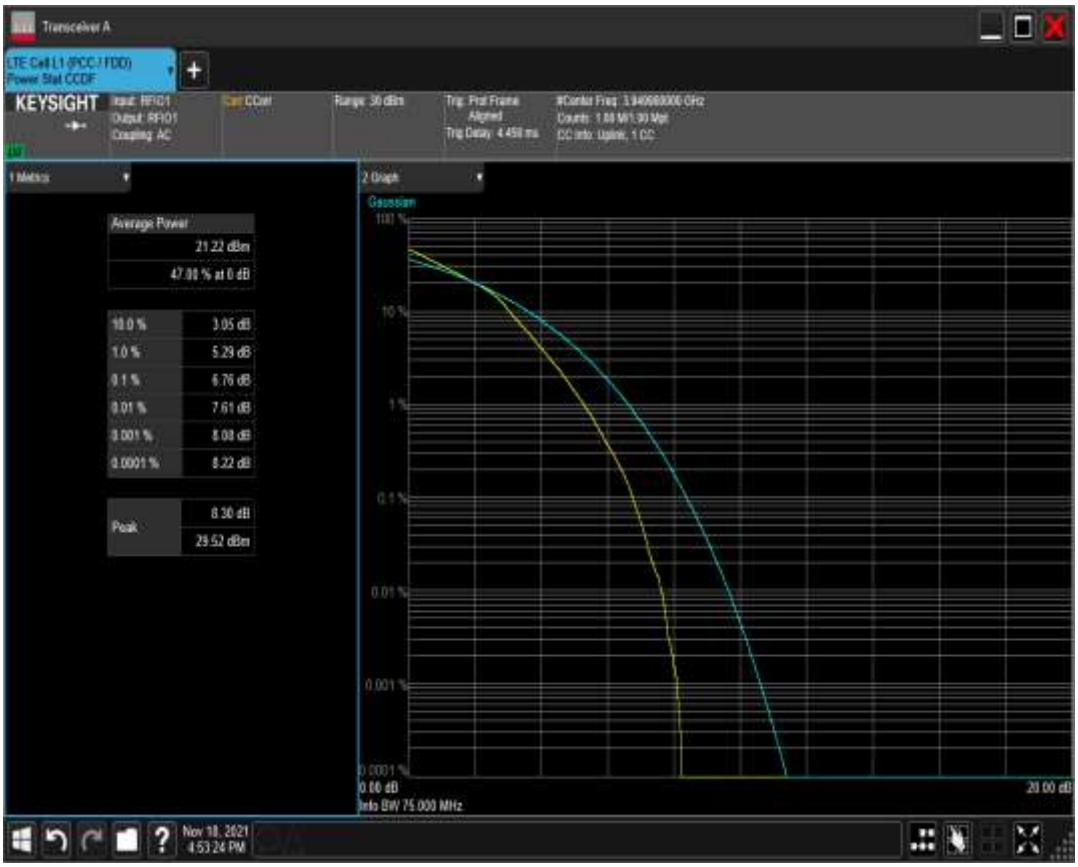

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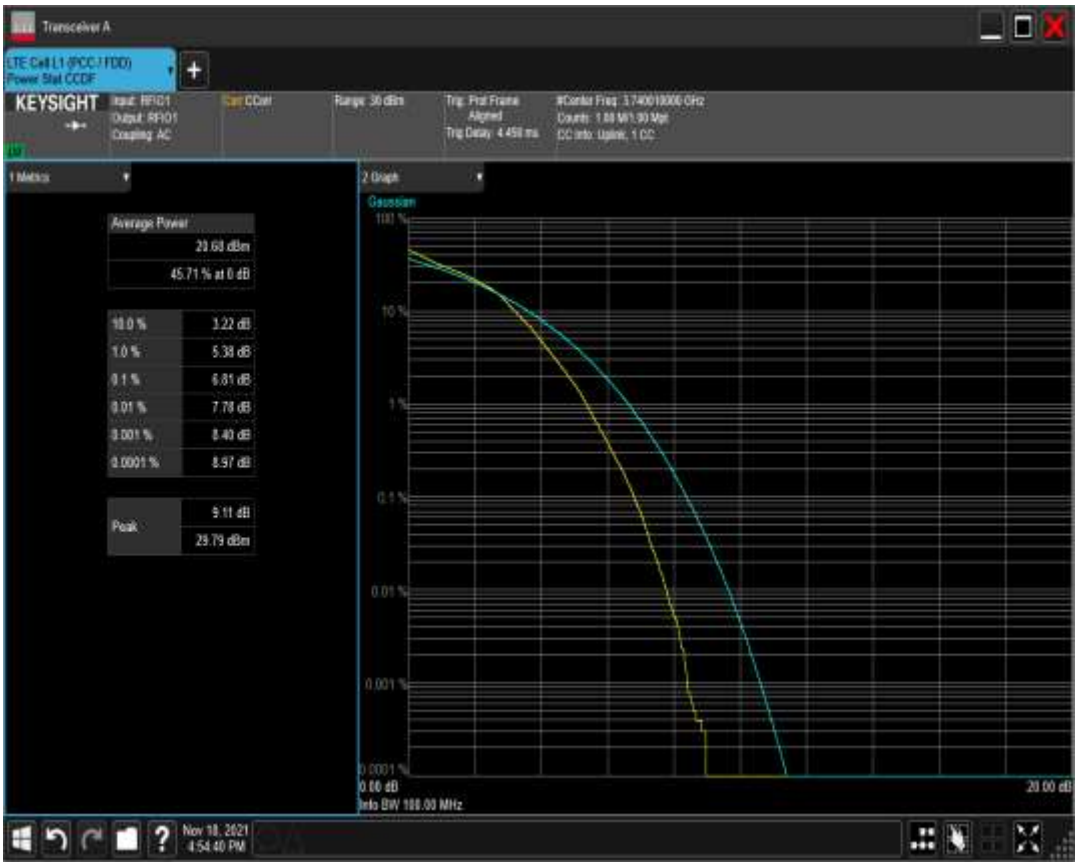
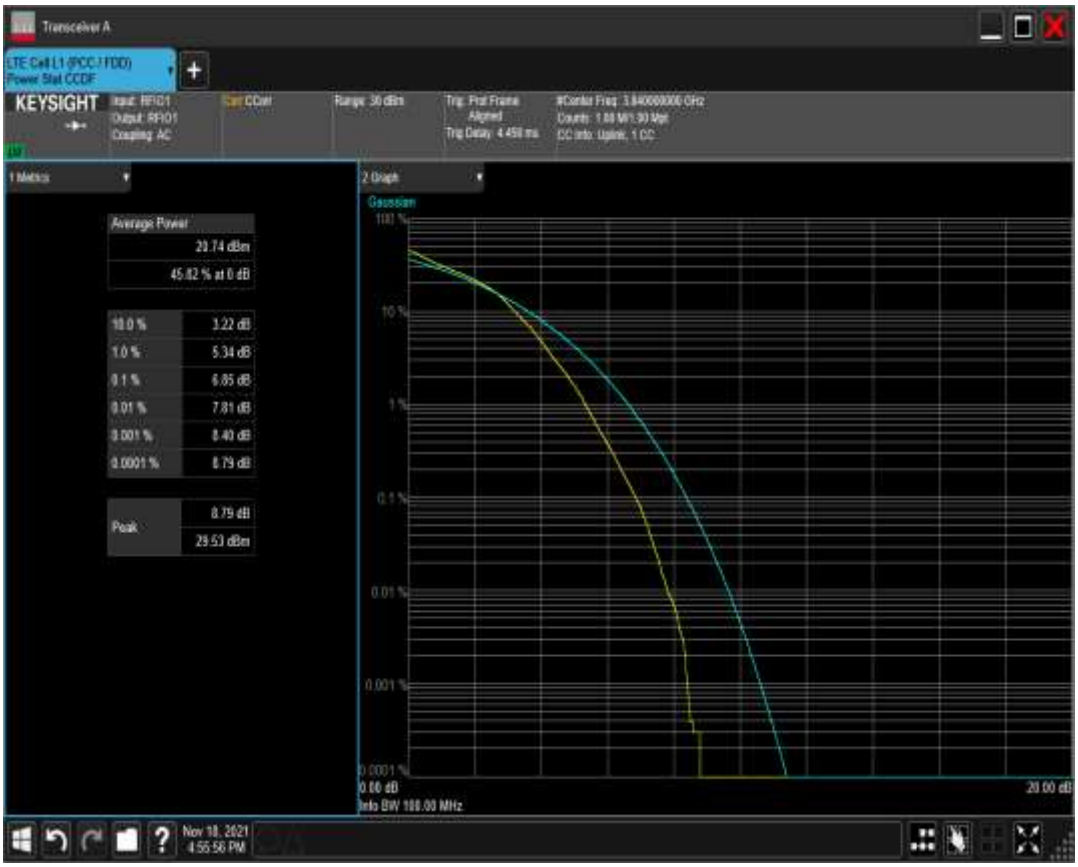


n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



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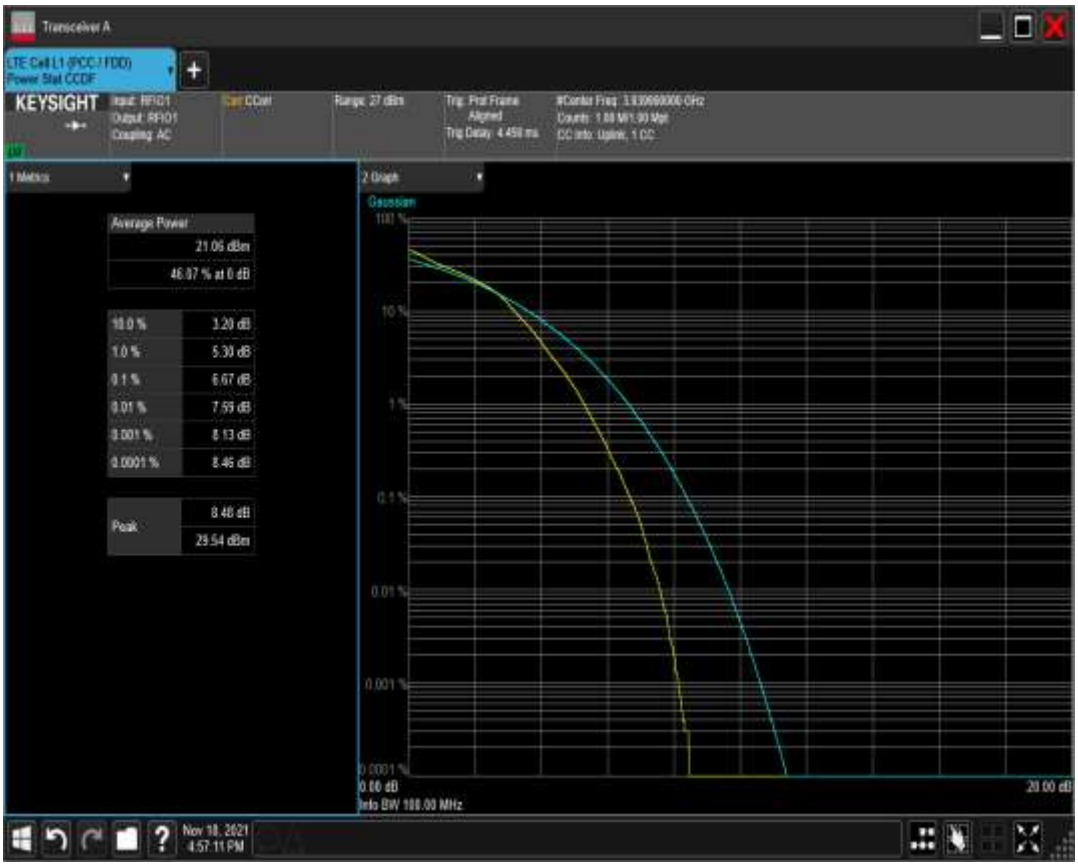

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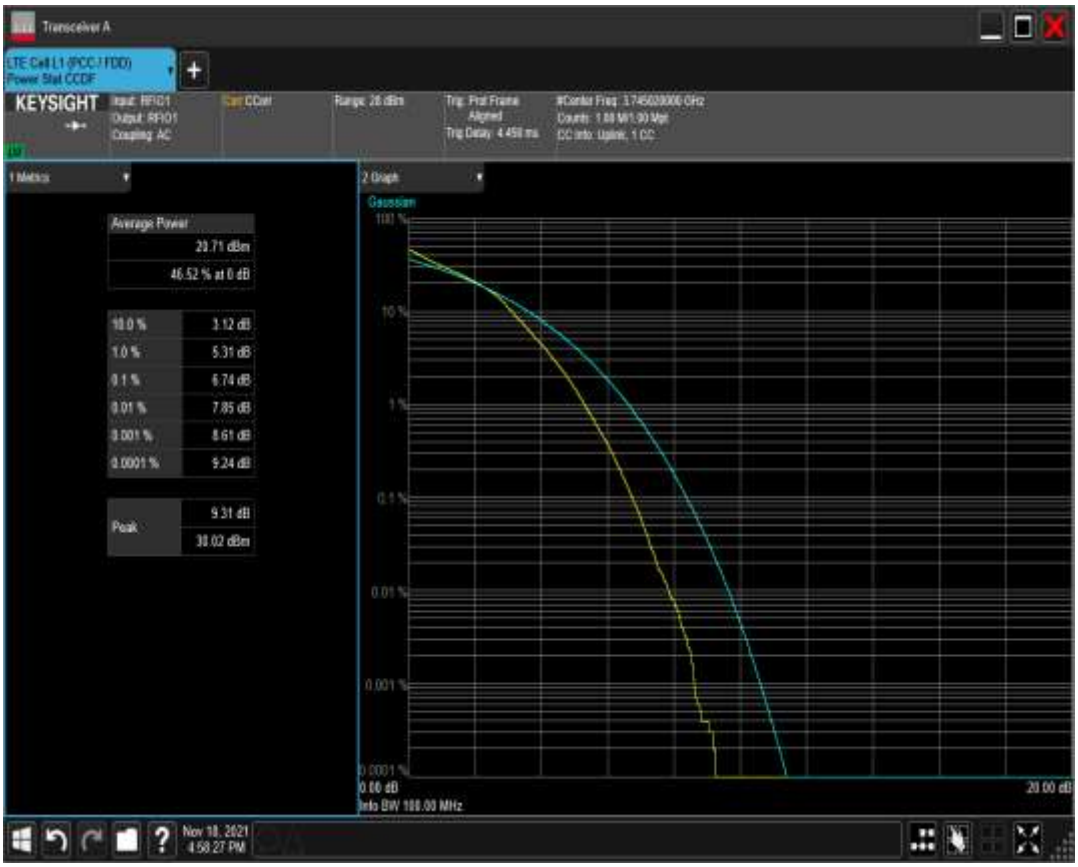
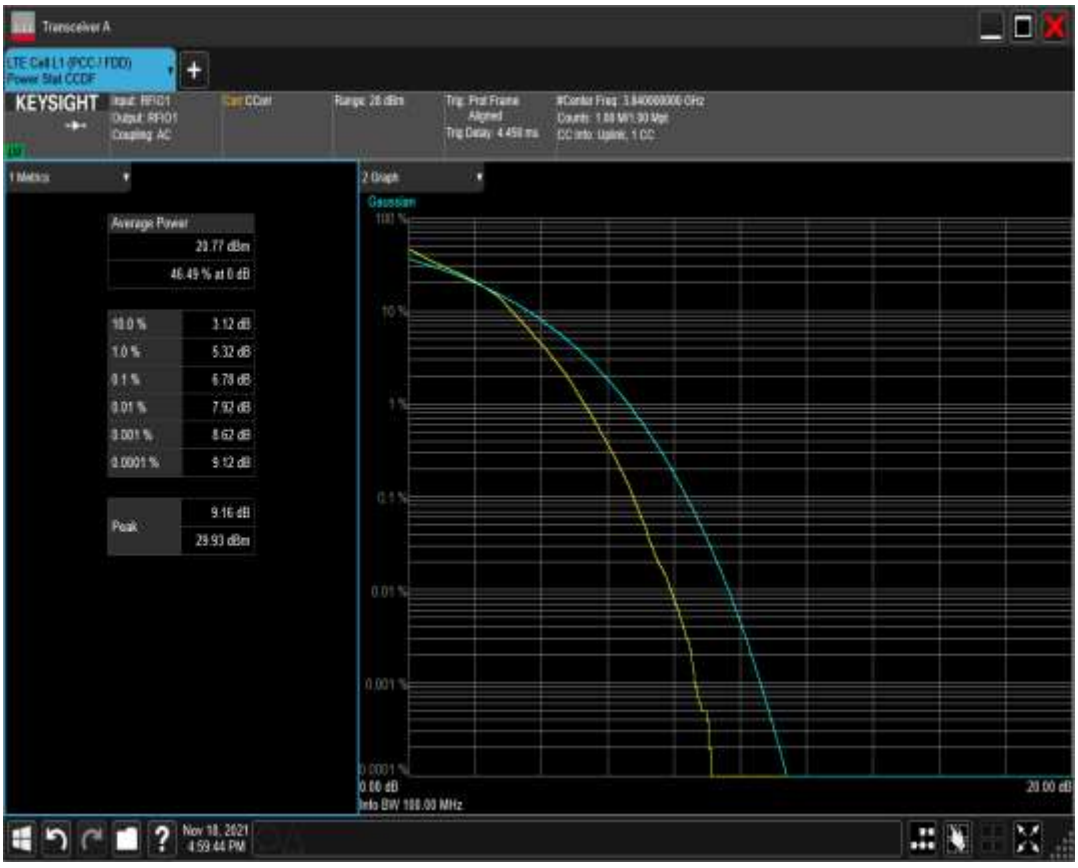


n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



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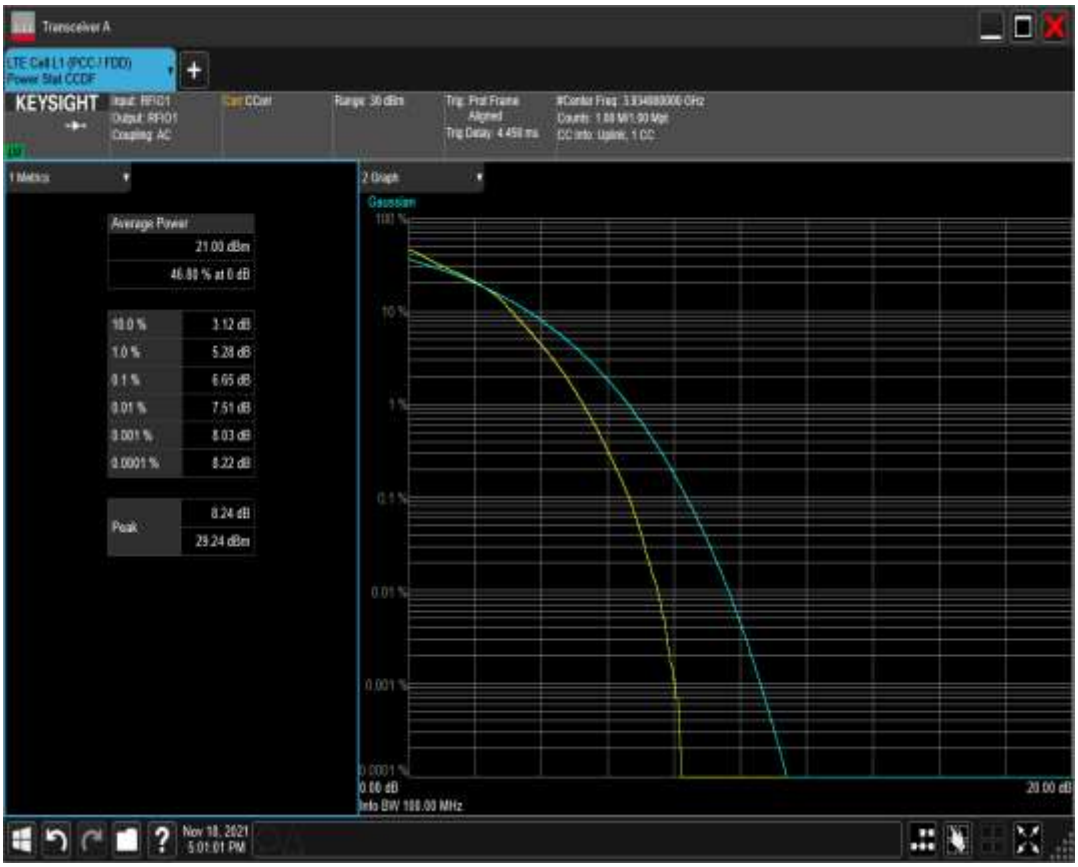

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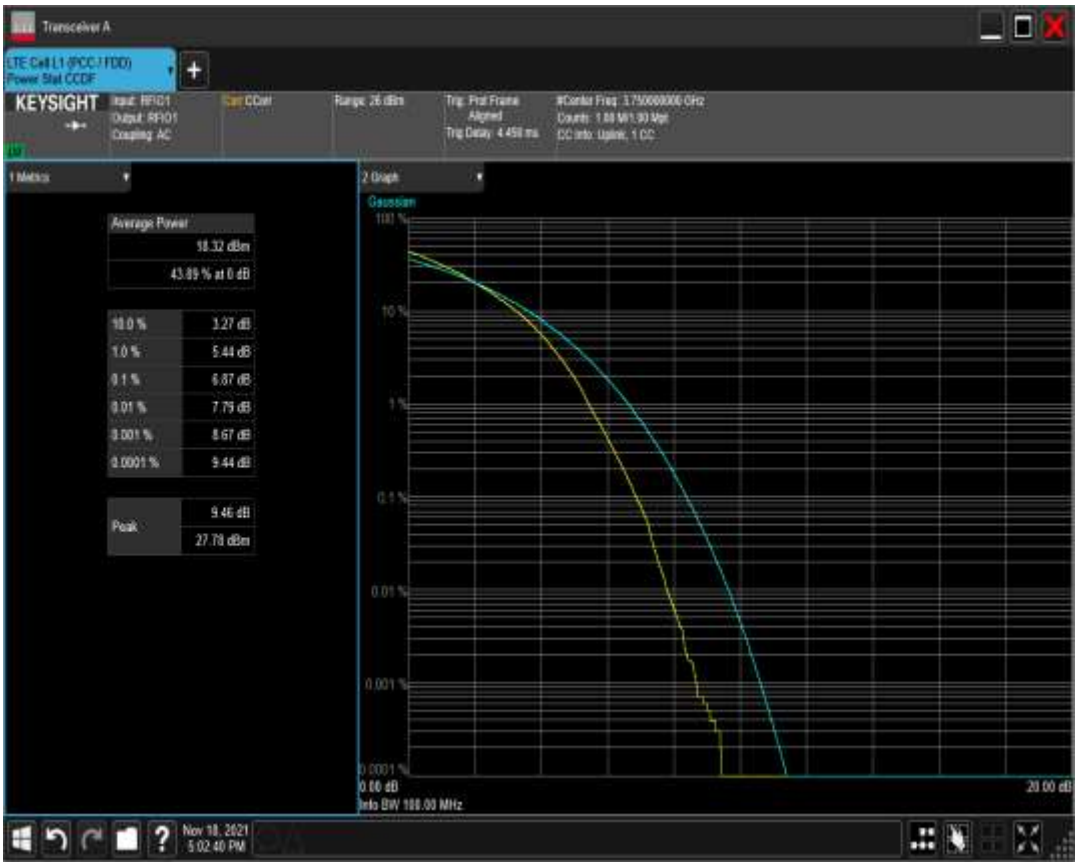

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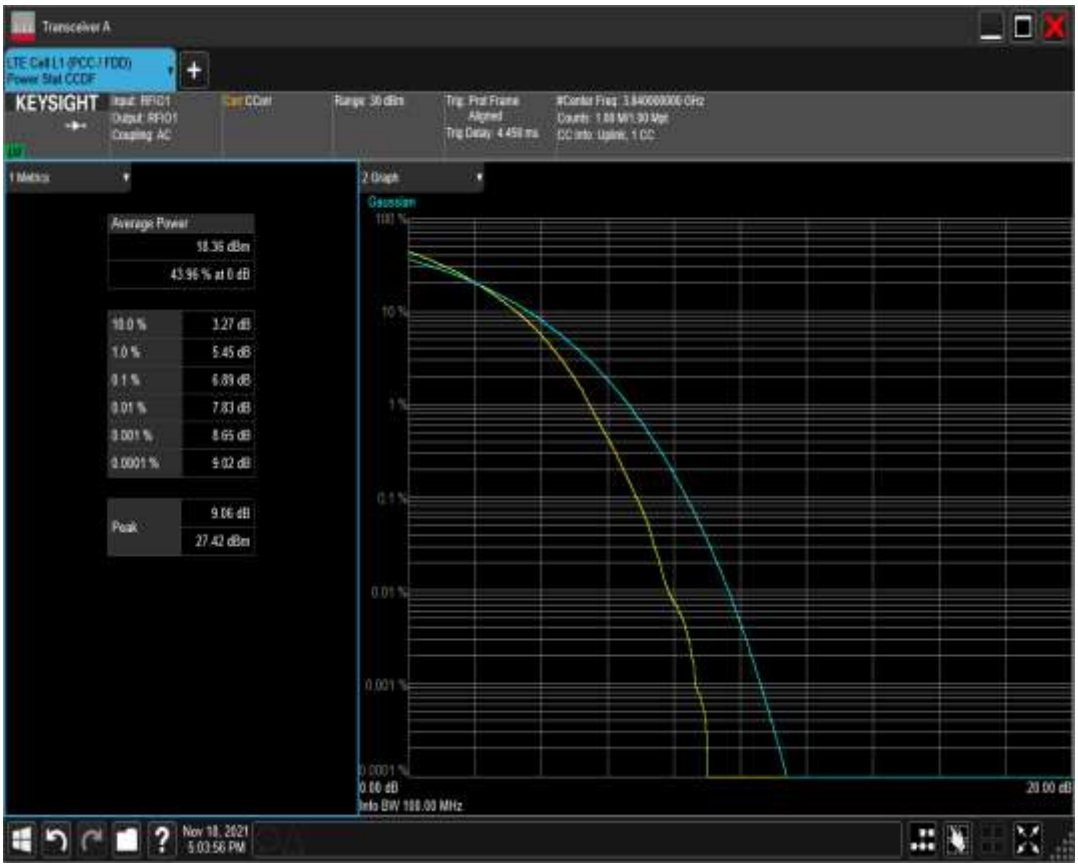

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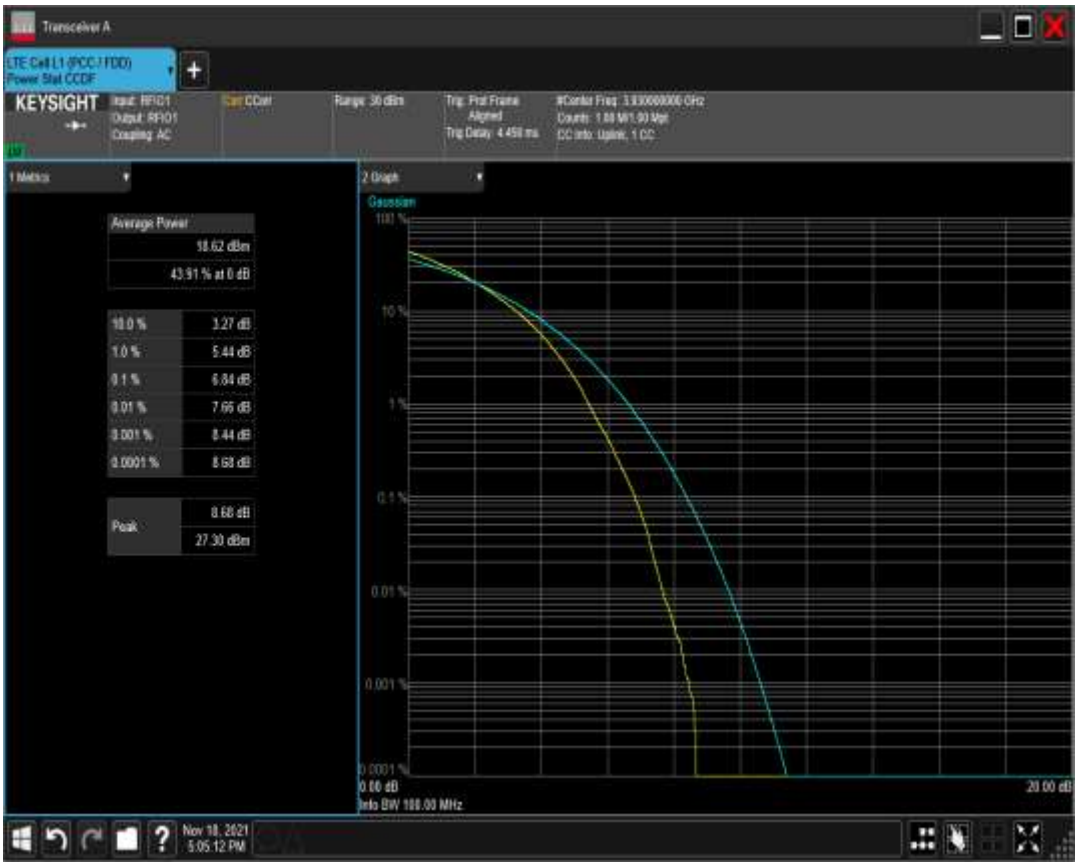

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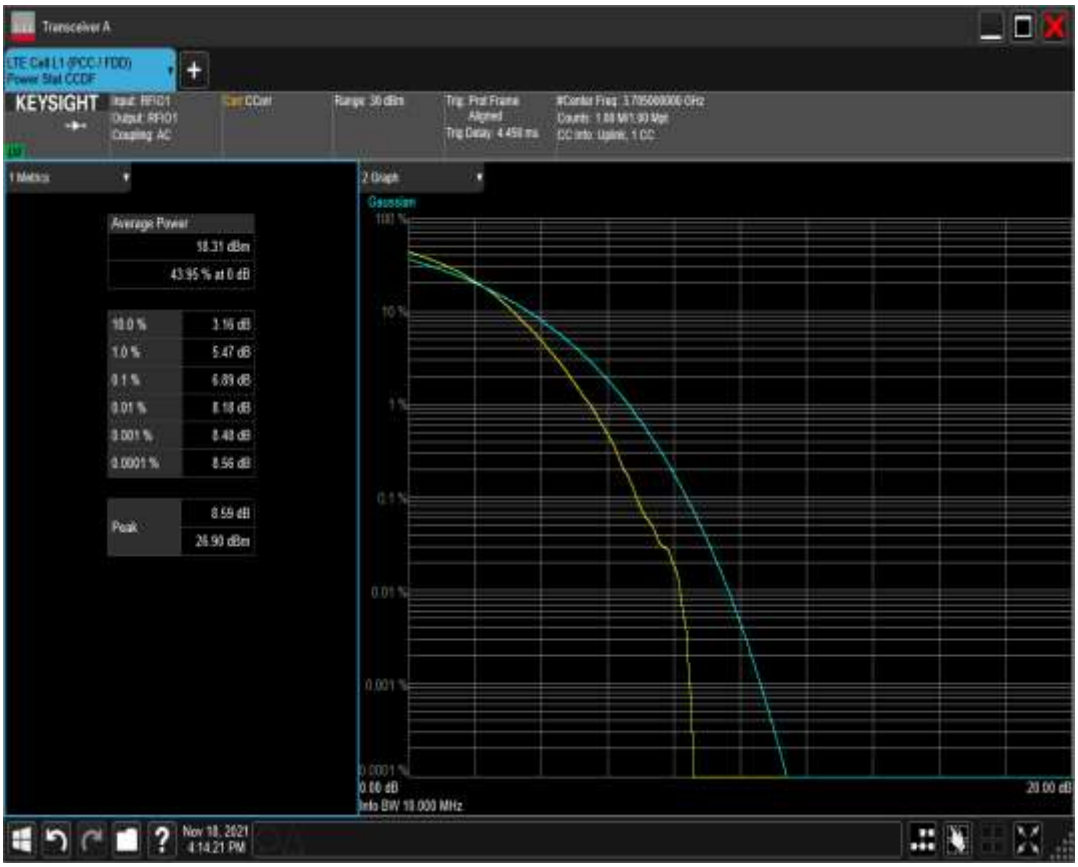
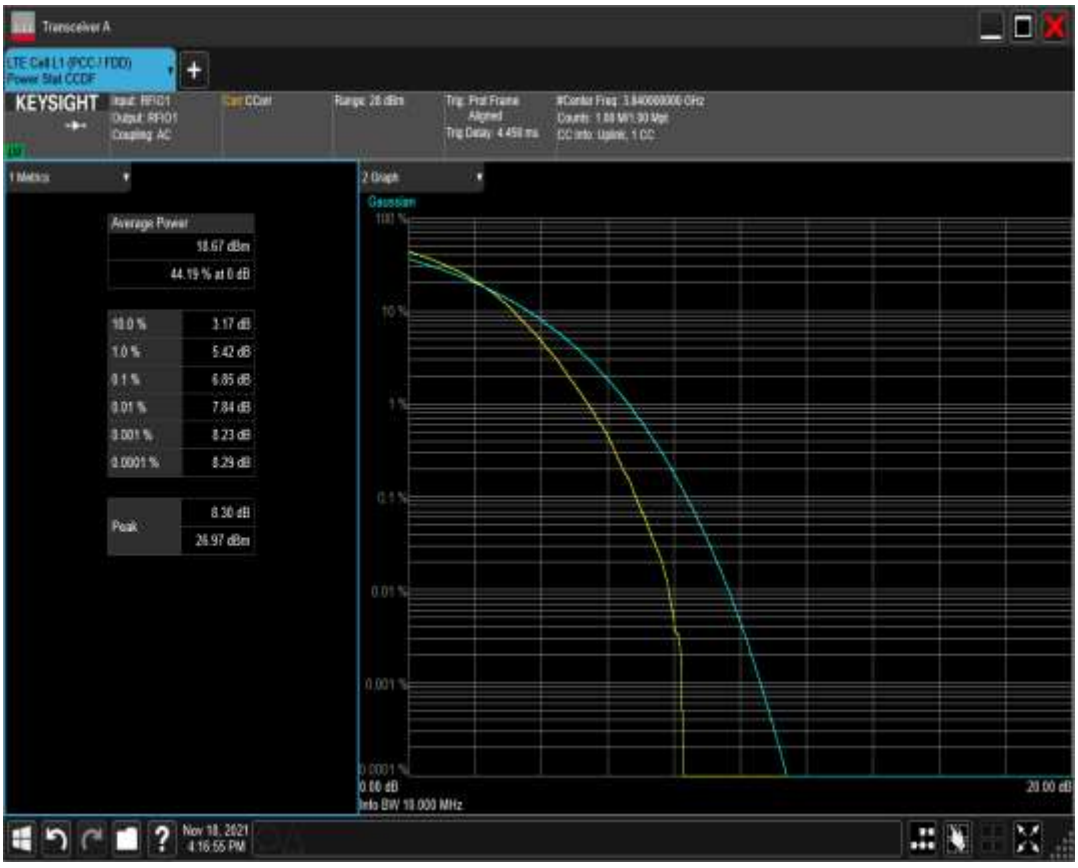
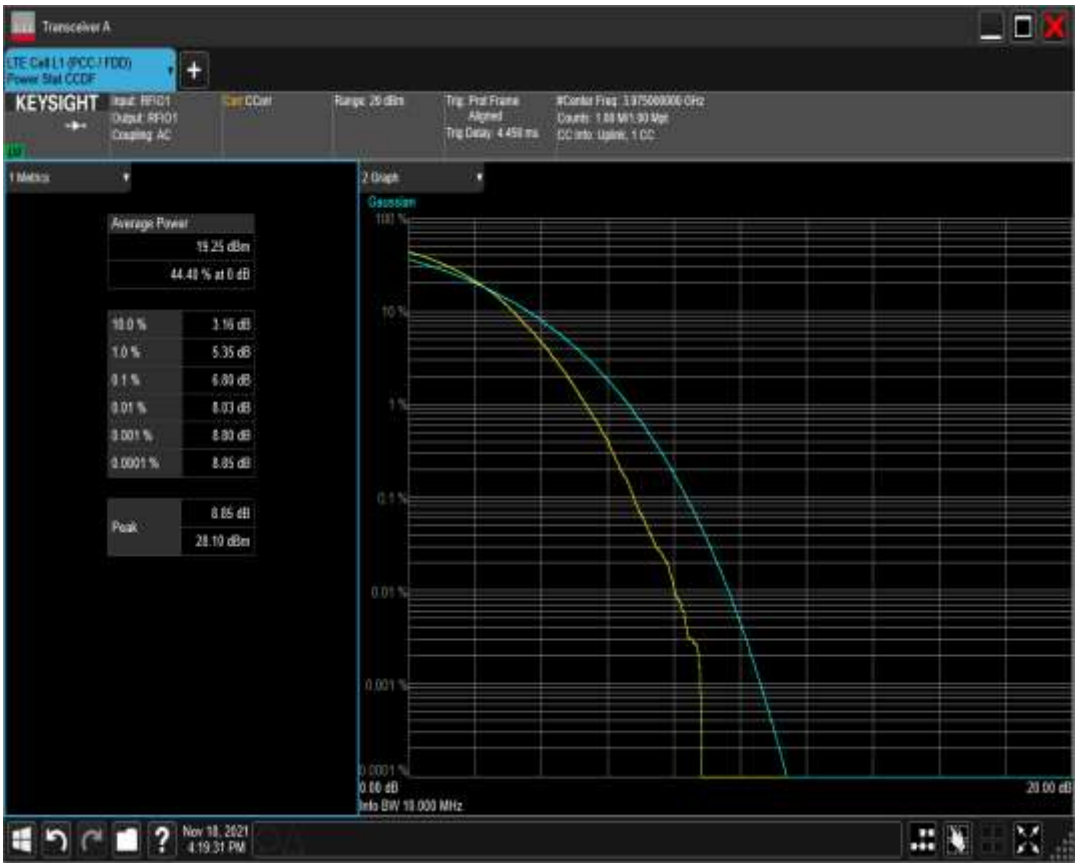


n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



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



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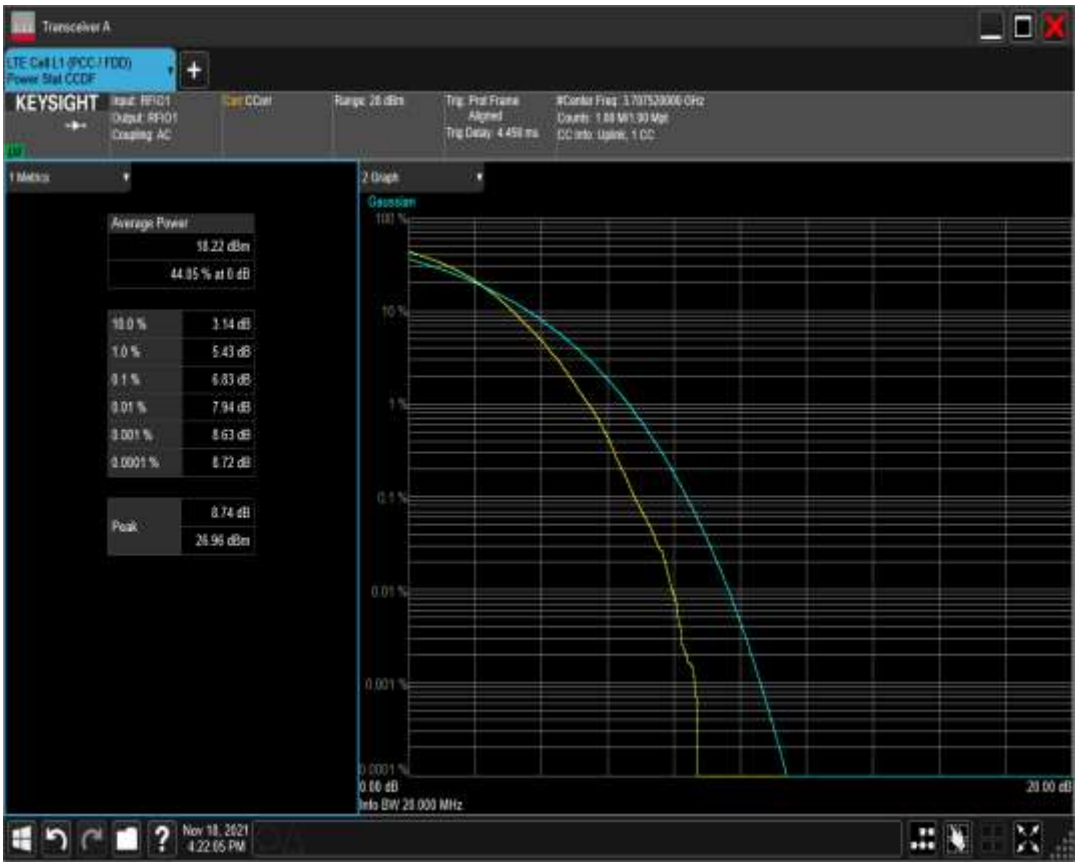
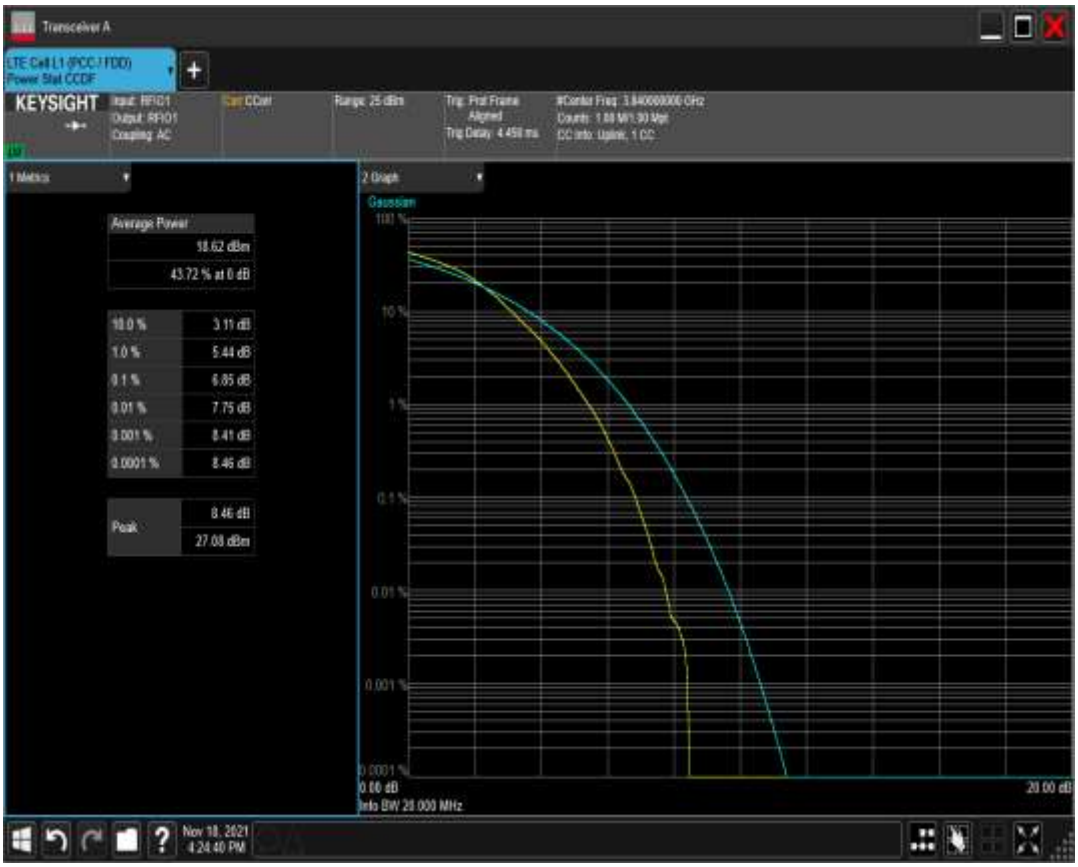
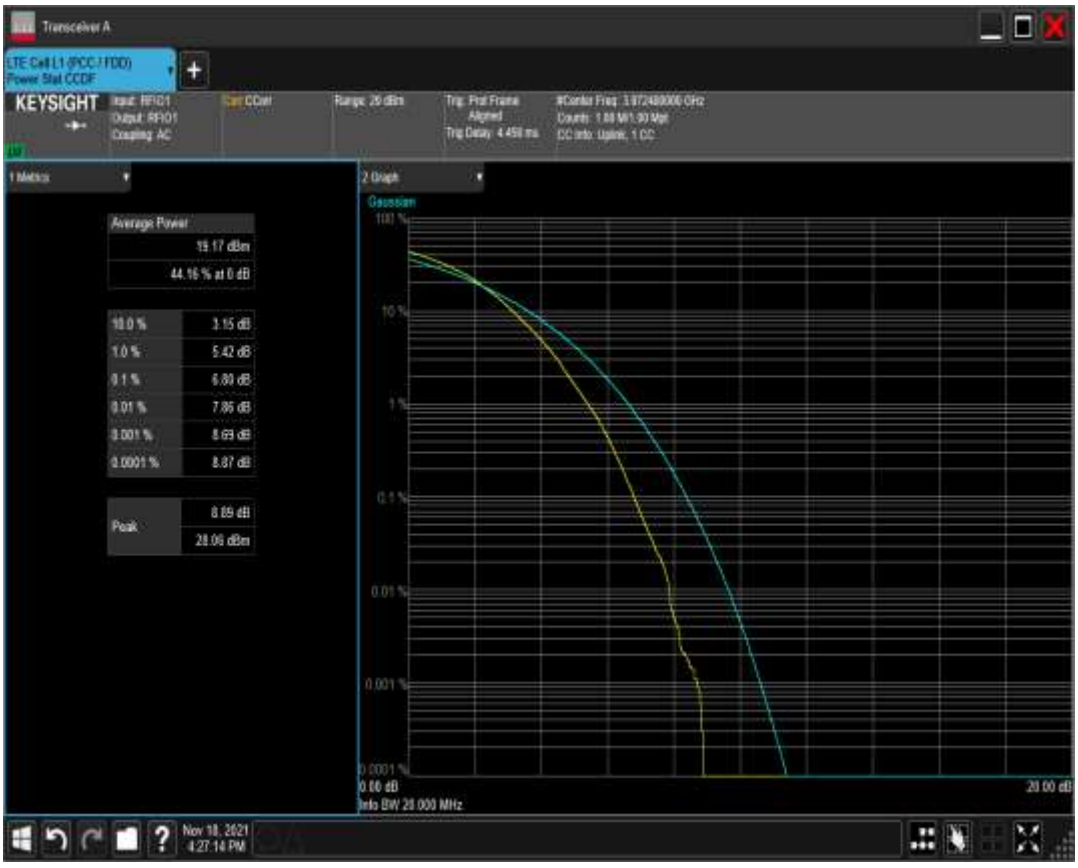


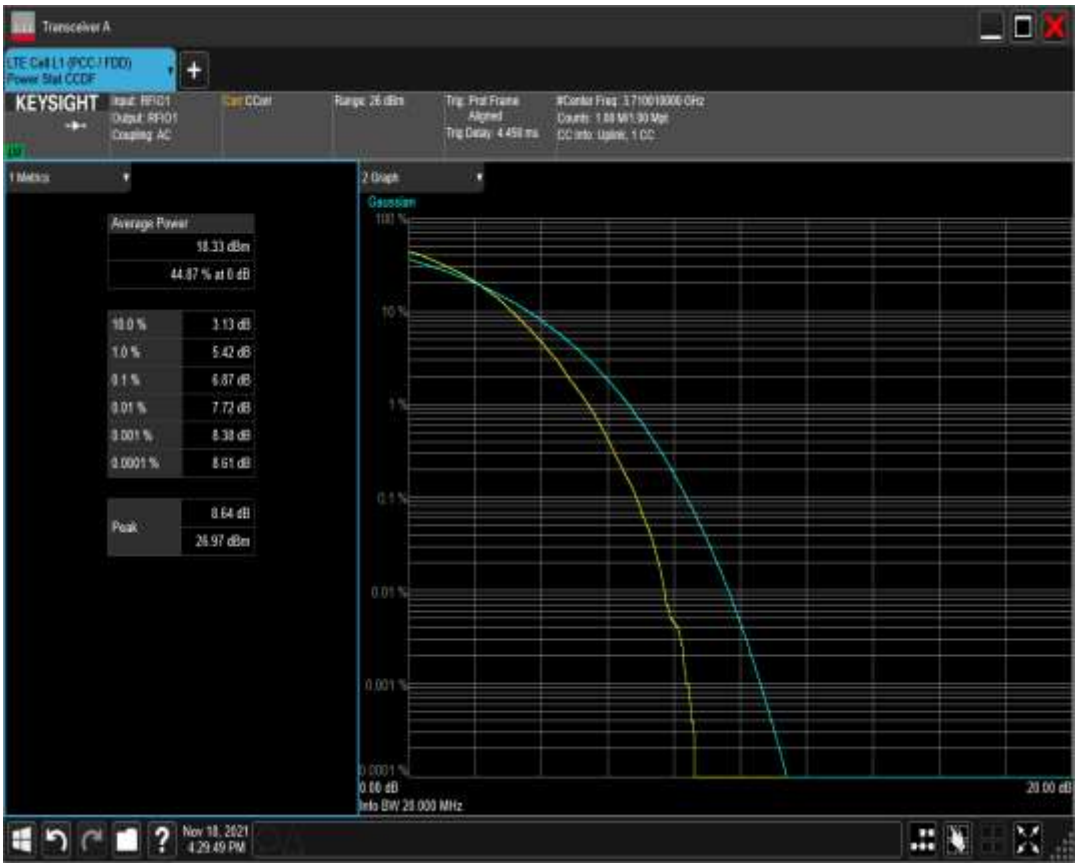
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



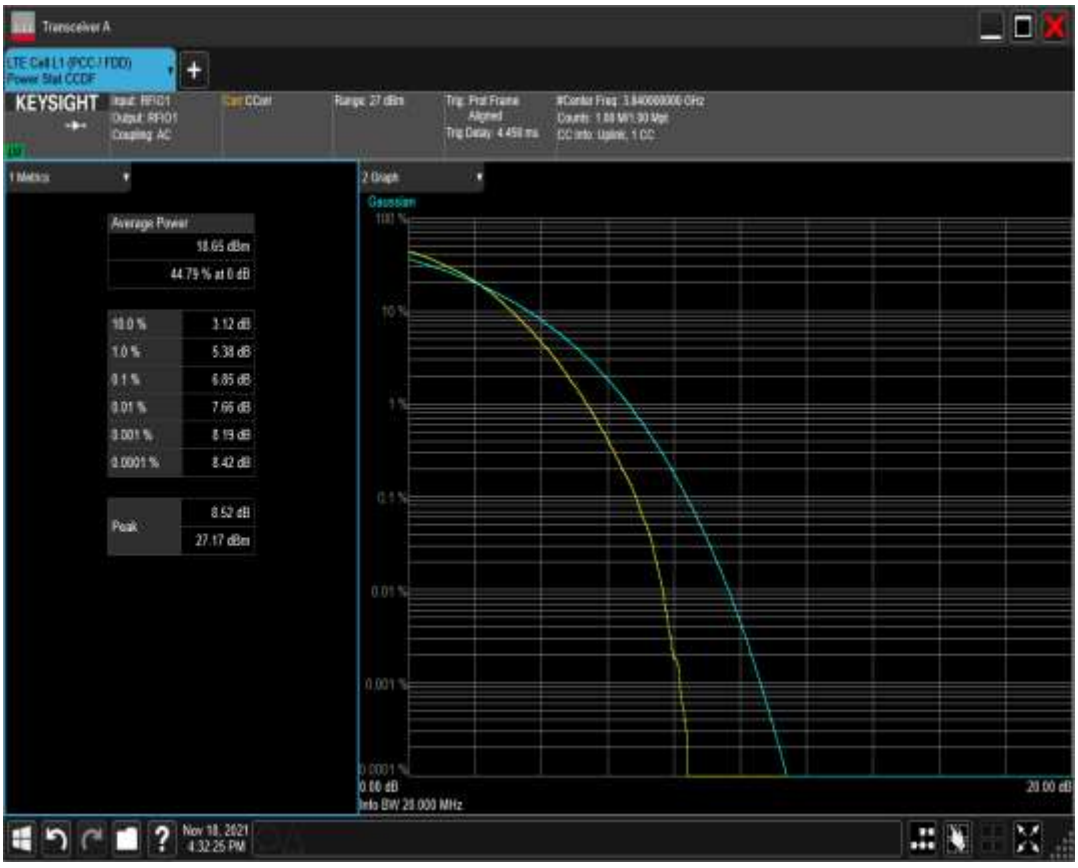
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=664832 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=647334 RB=50@0



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



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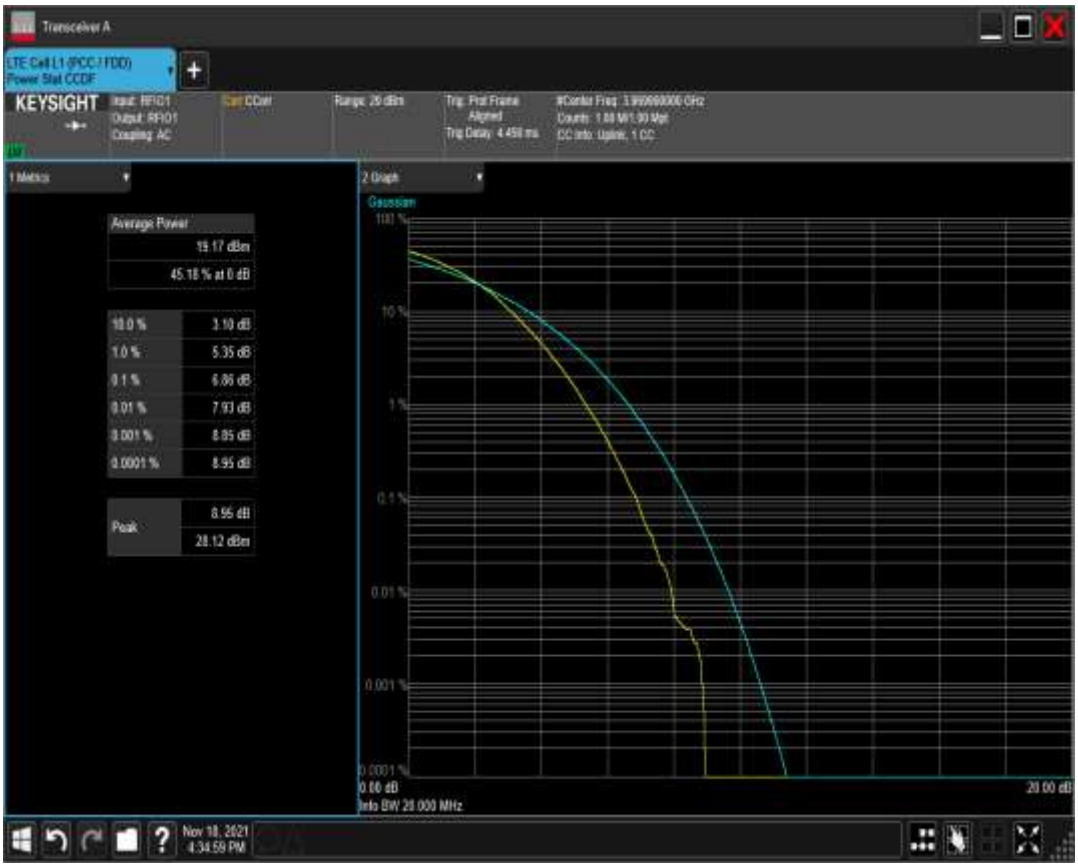
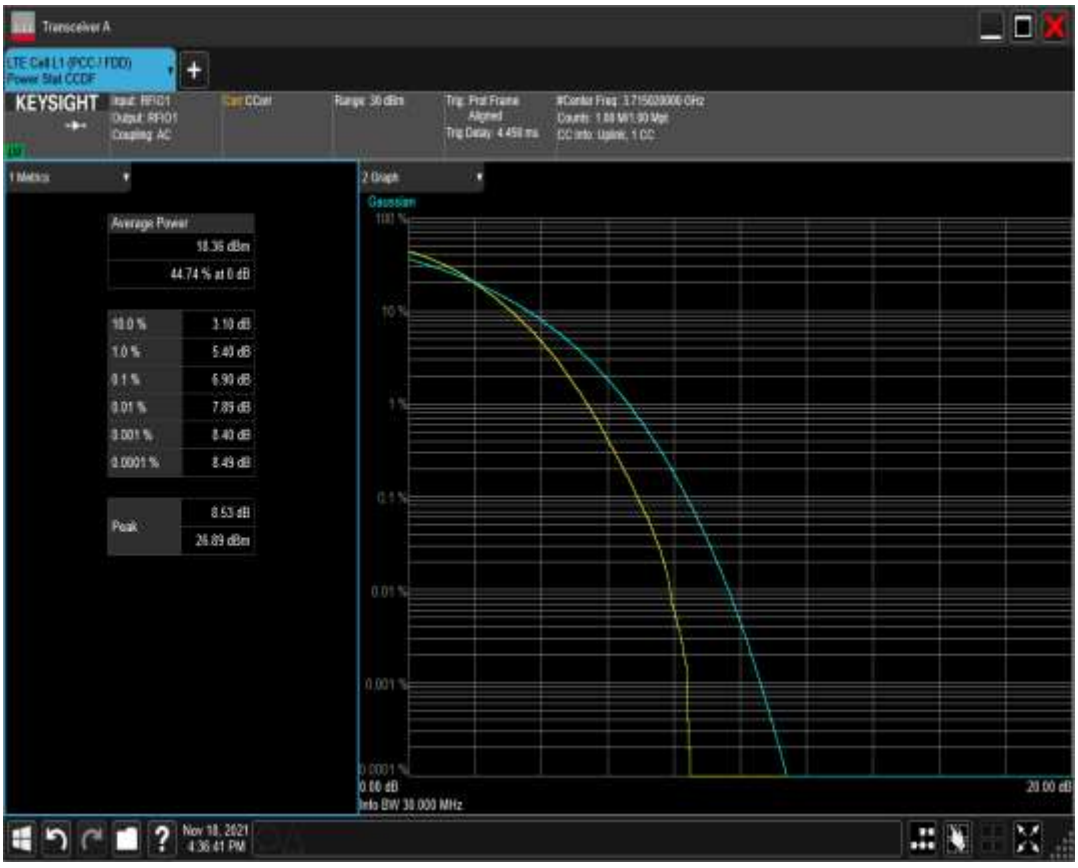
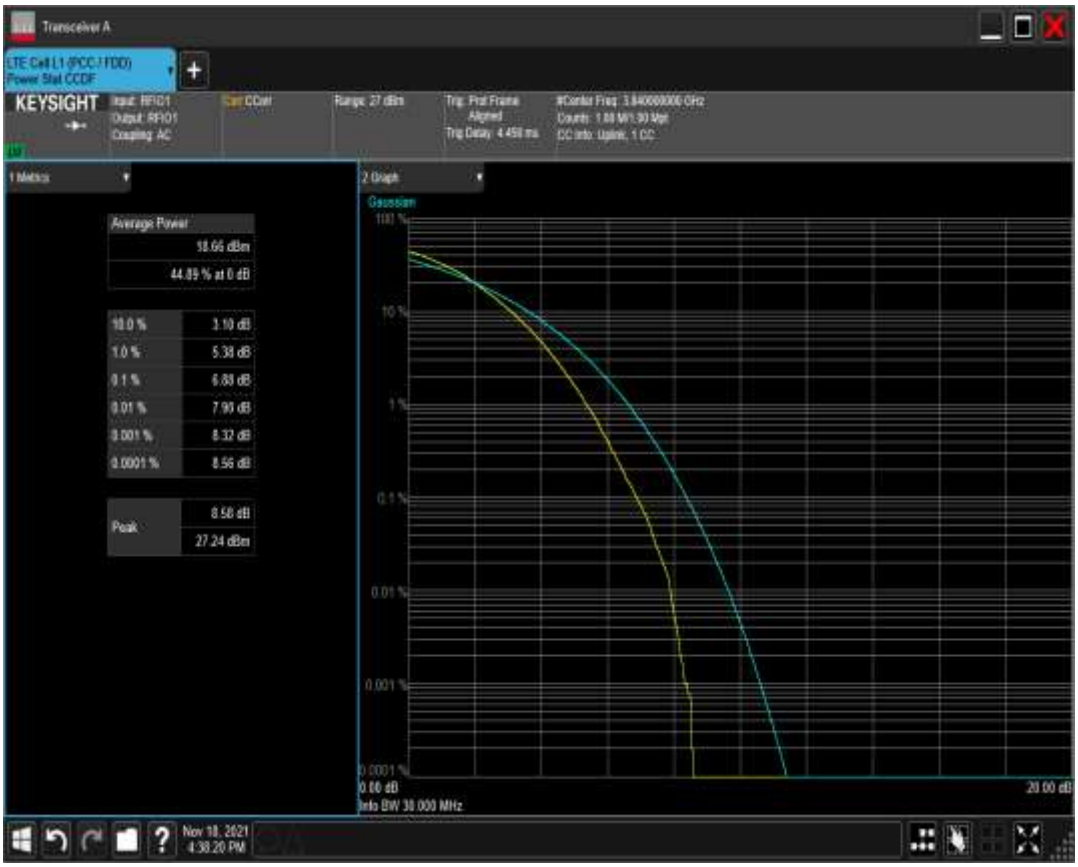


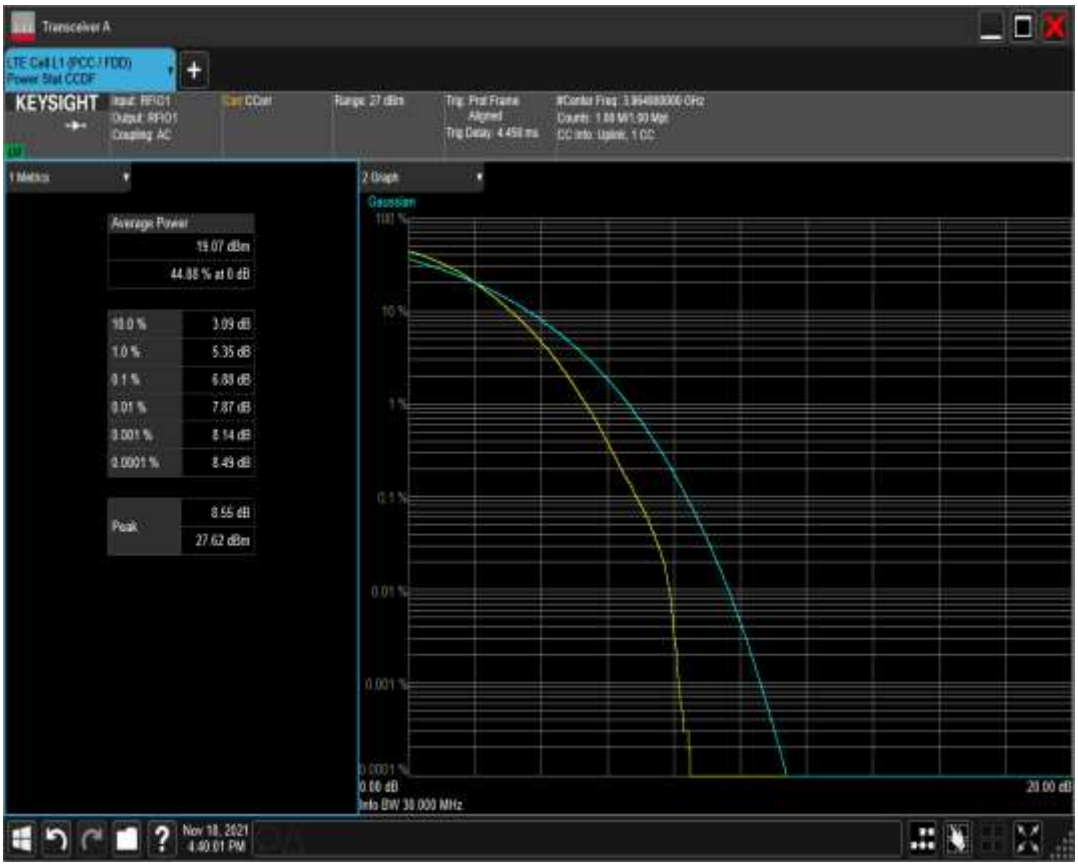
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=647668 RB=75@0



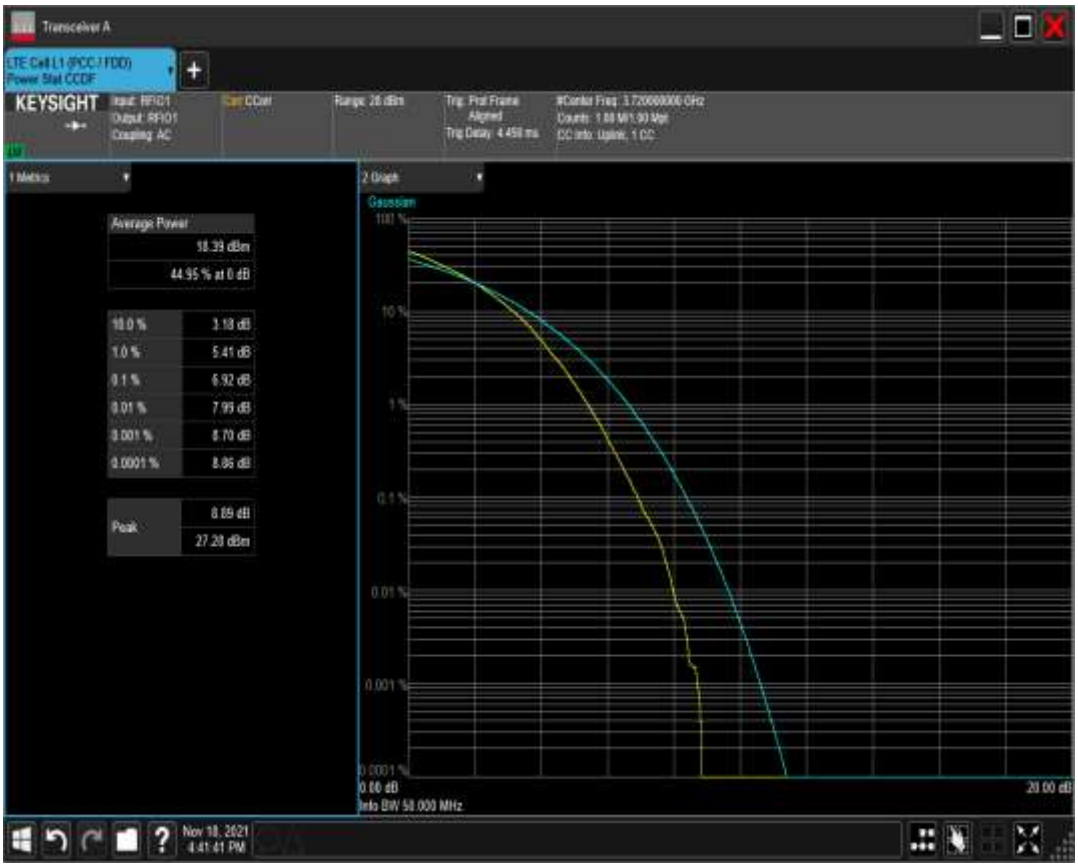
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0



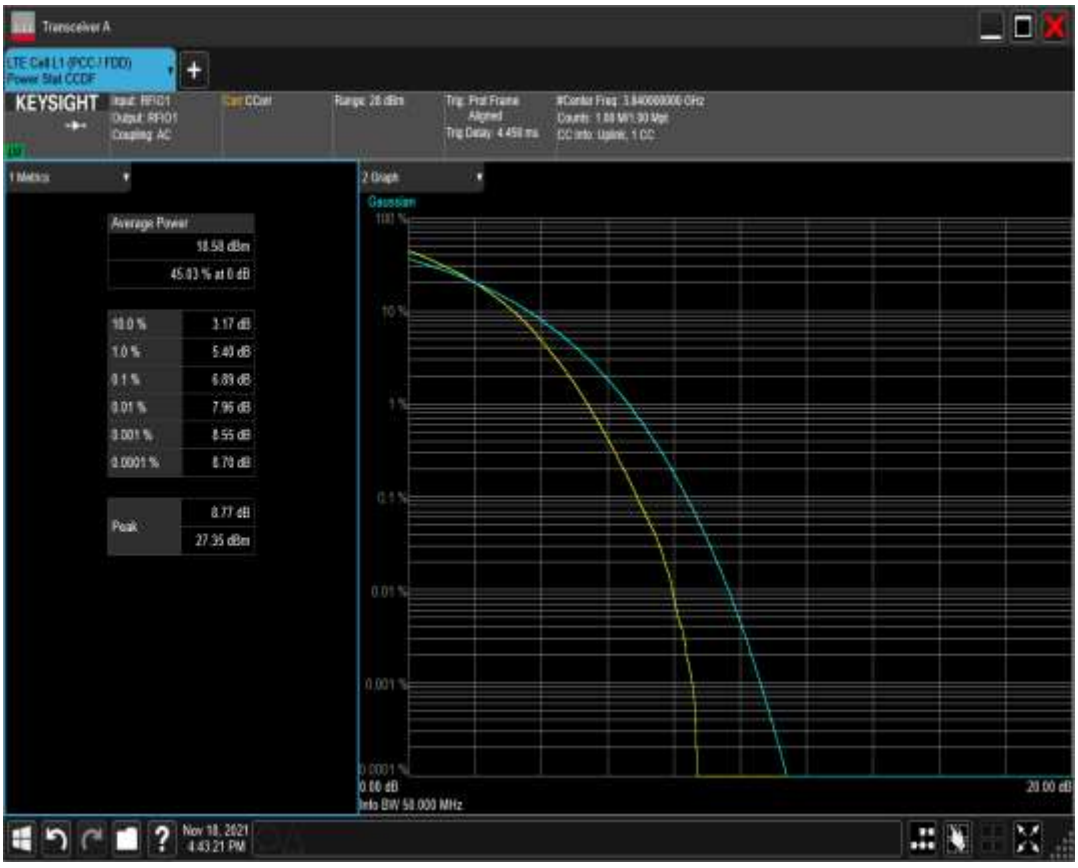
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=664332 RB=75@0



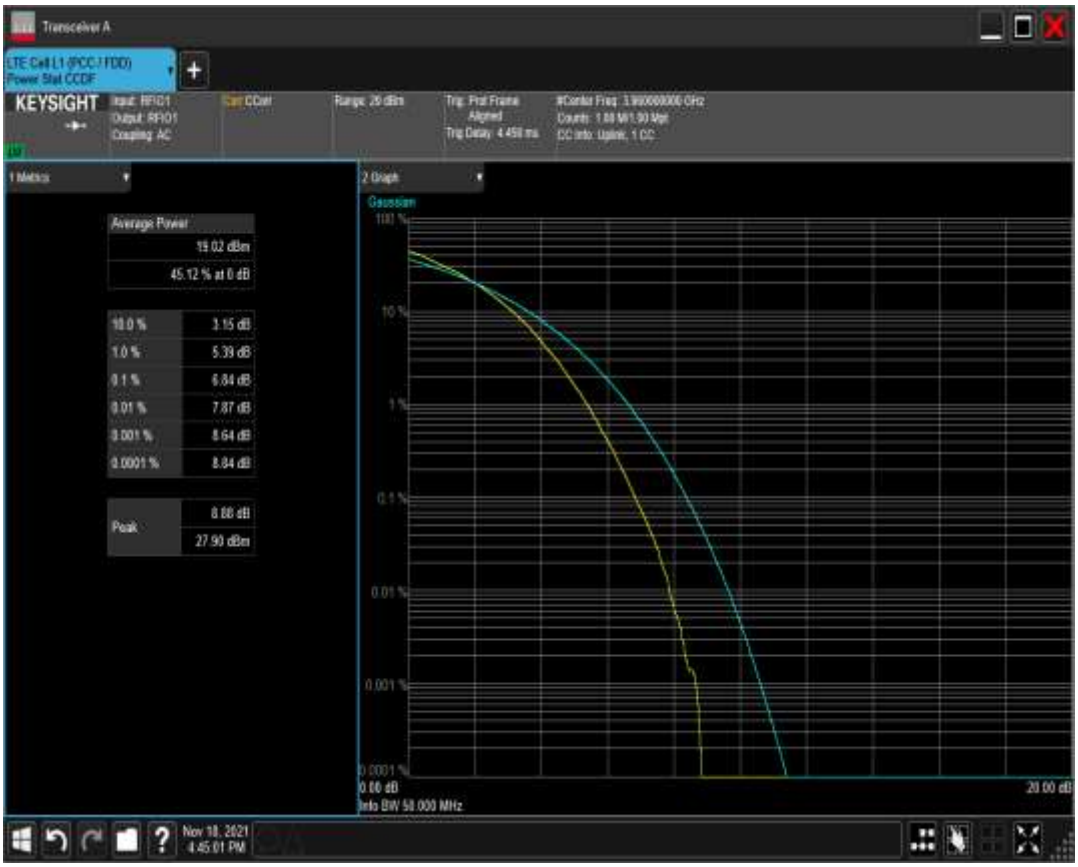
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=648000 RB=100@0



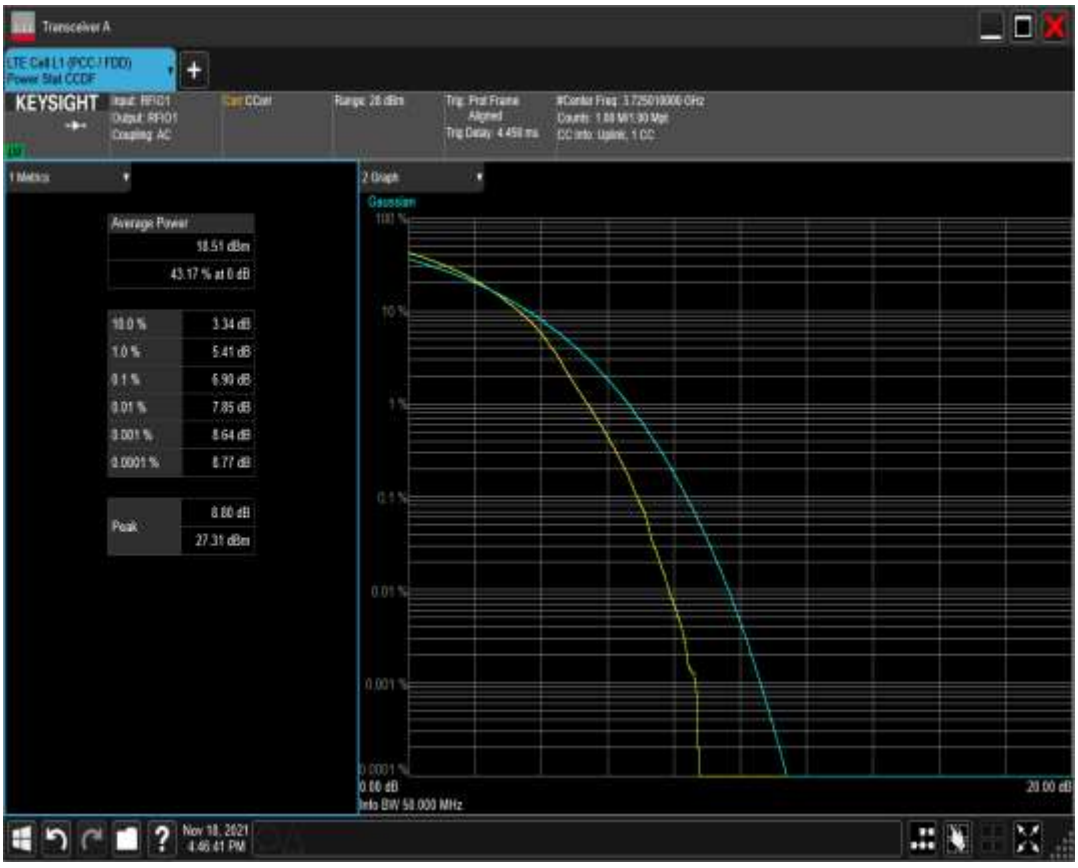
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=656000 RB=100@0



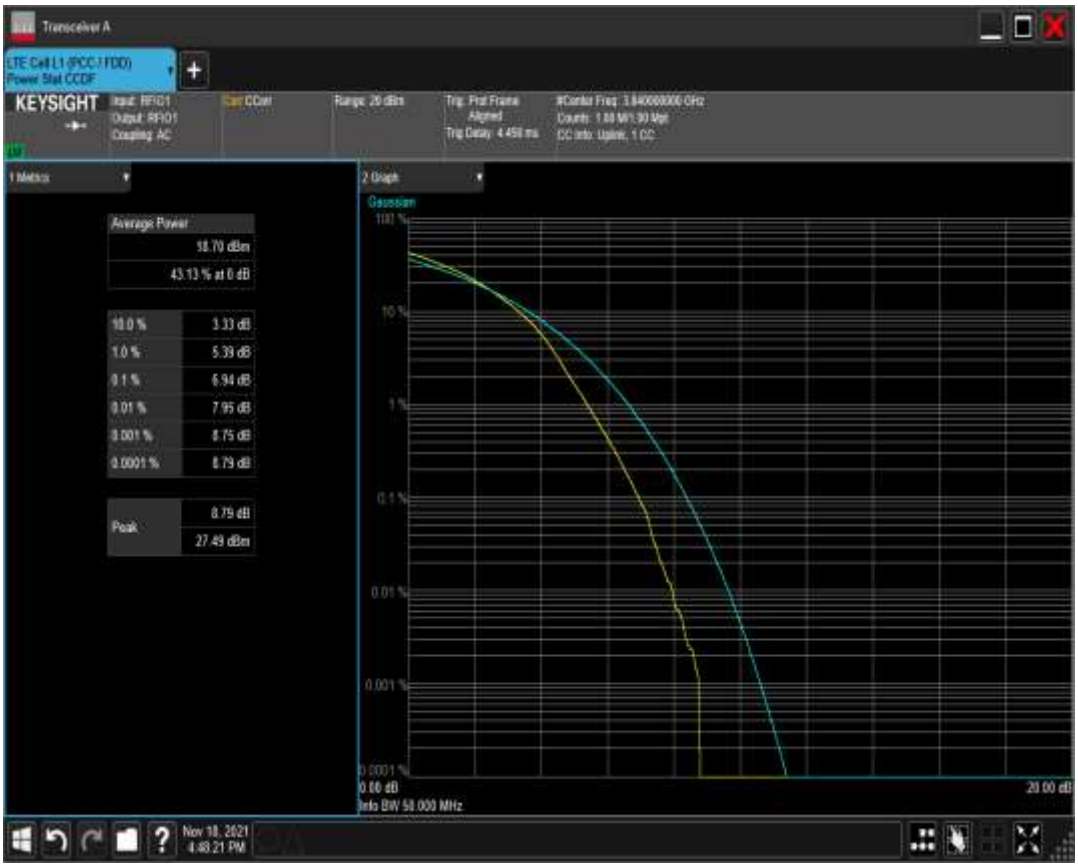
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=664000 RB=100@0



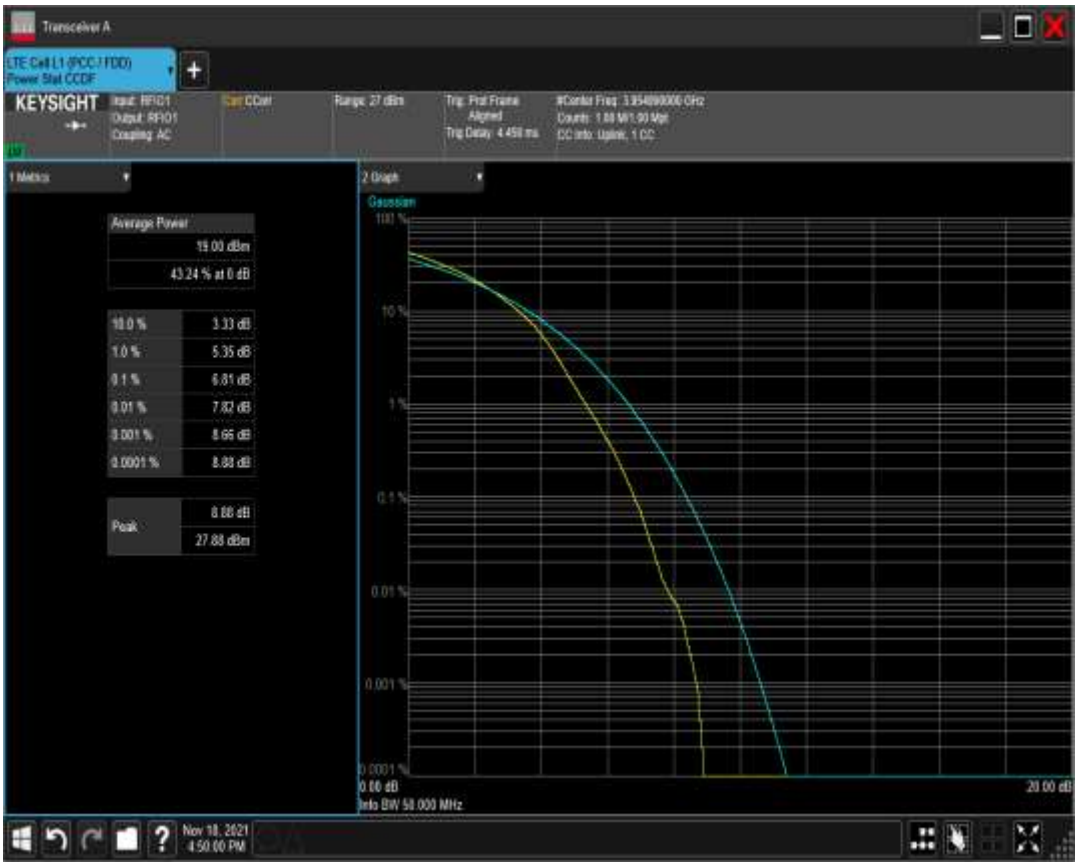
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=648334 RB=128@0



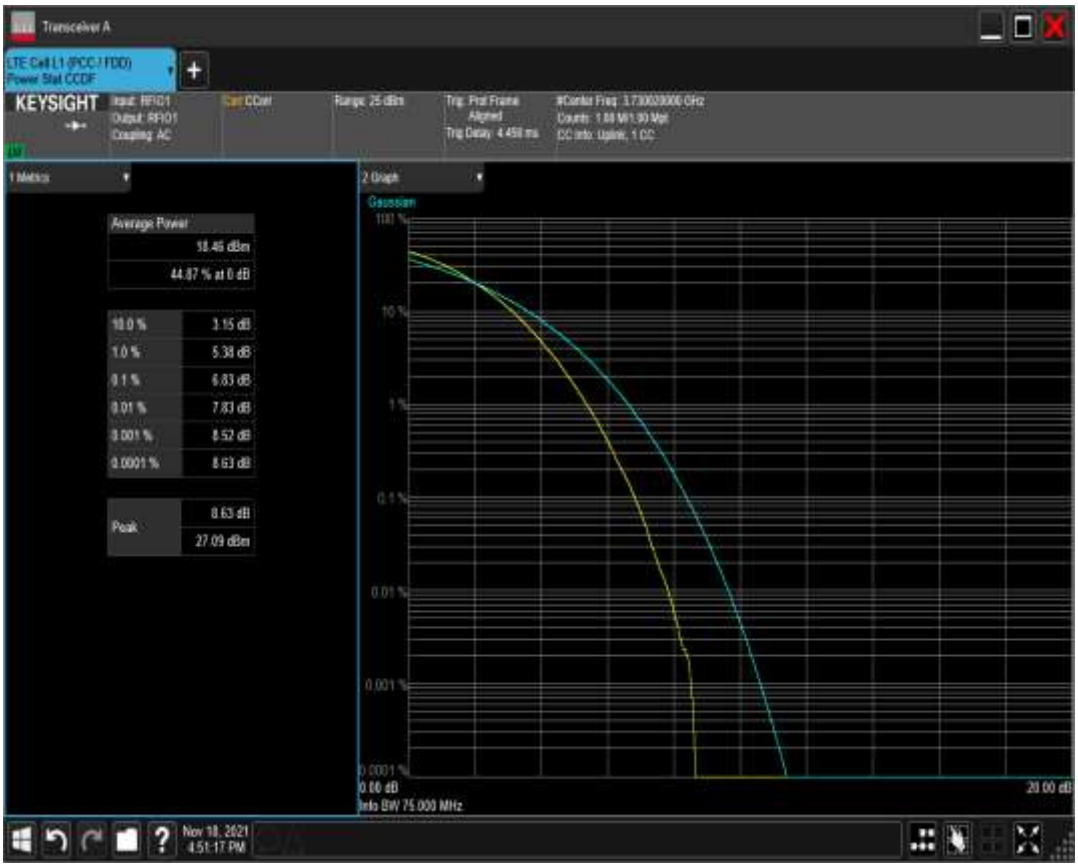
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



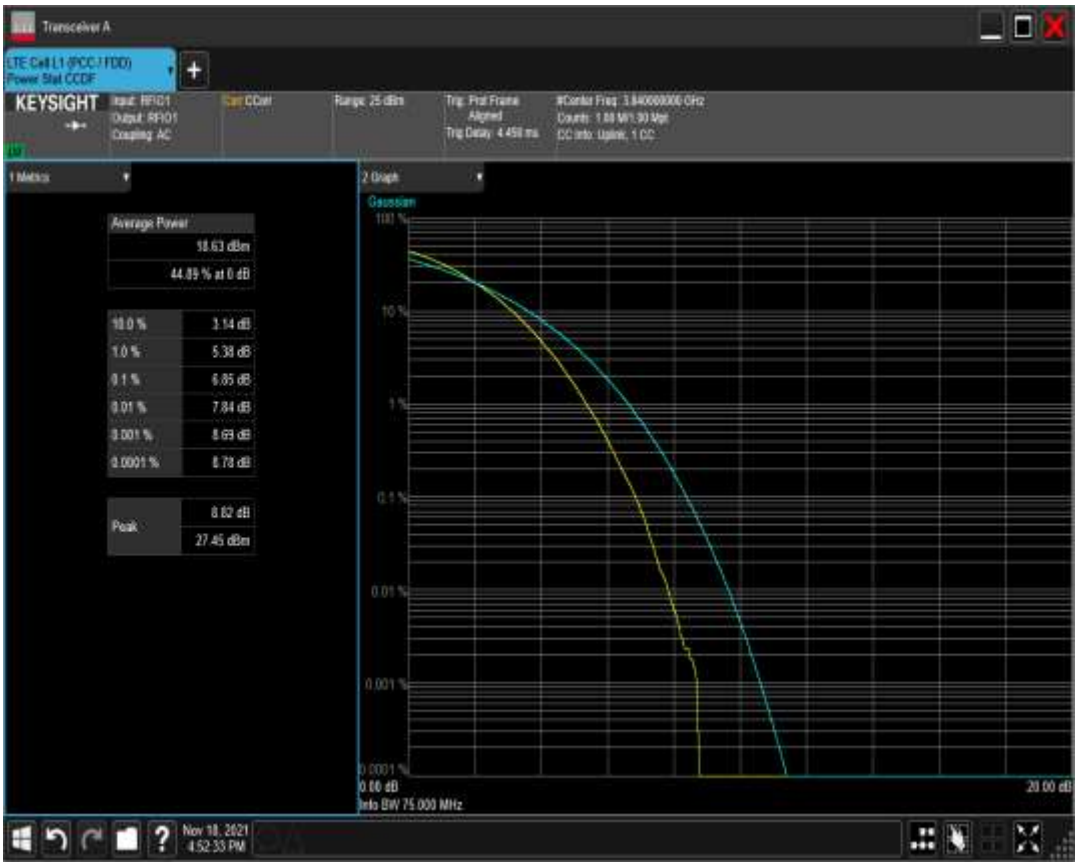
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=663666 RB=128@0



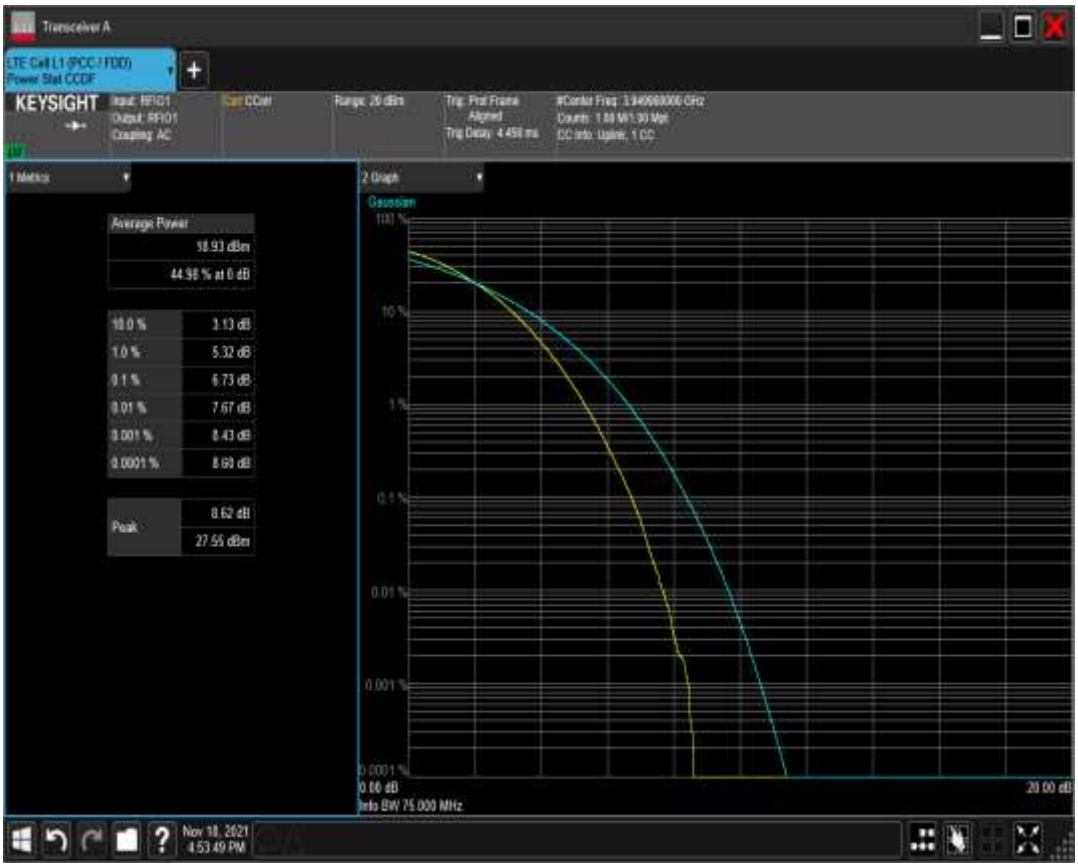
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=648668 RB=162@0



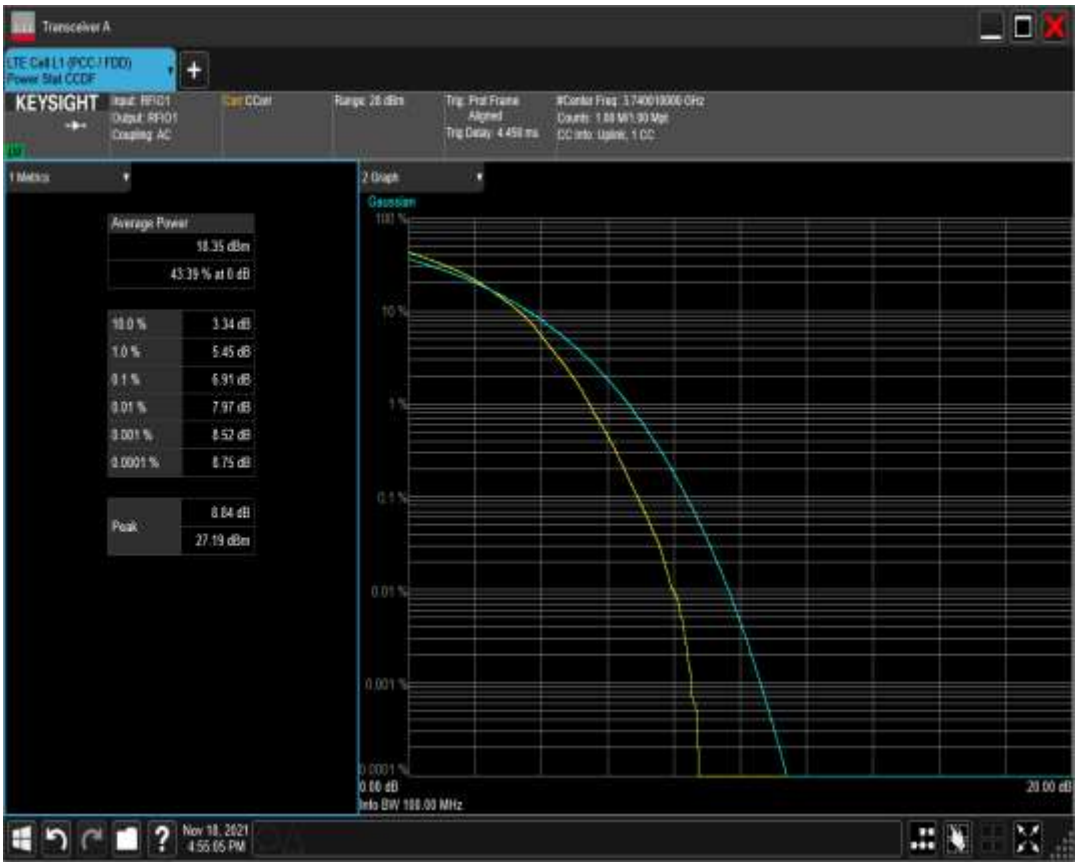
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



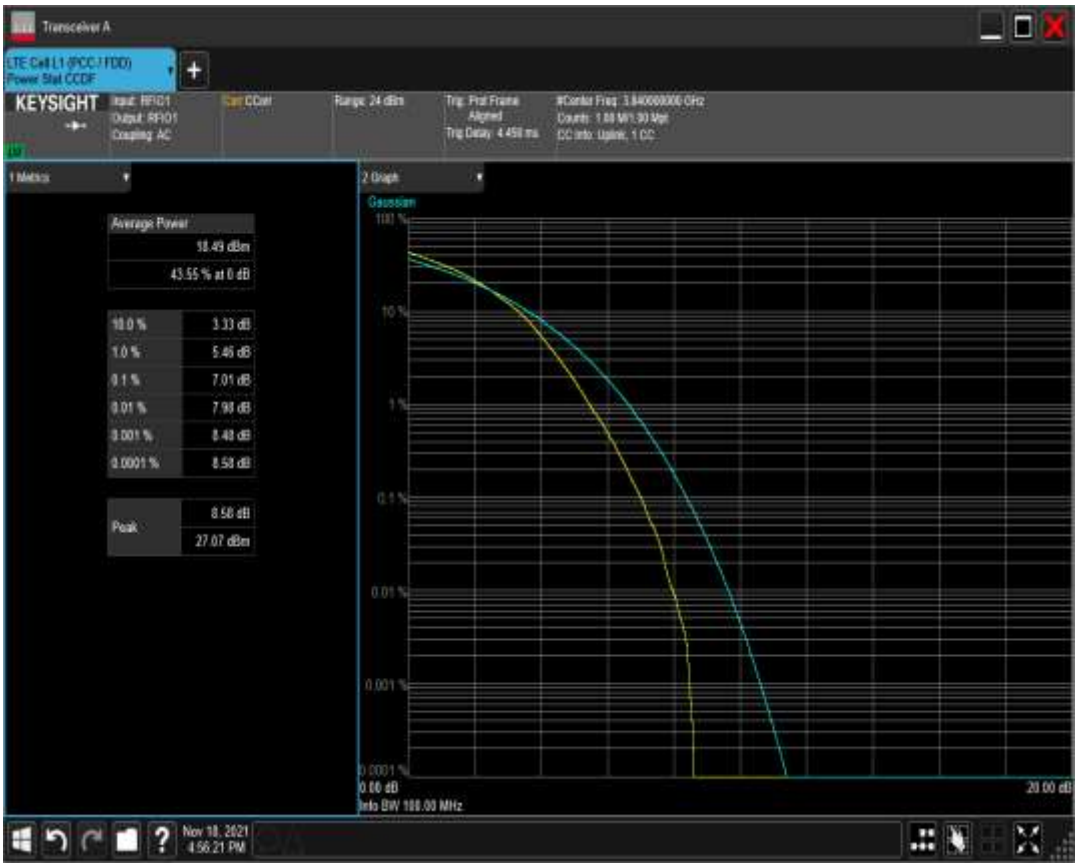
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=663332 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=649334 RB=216@0



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



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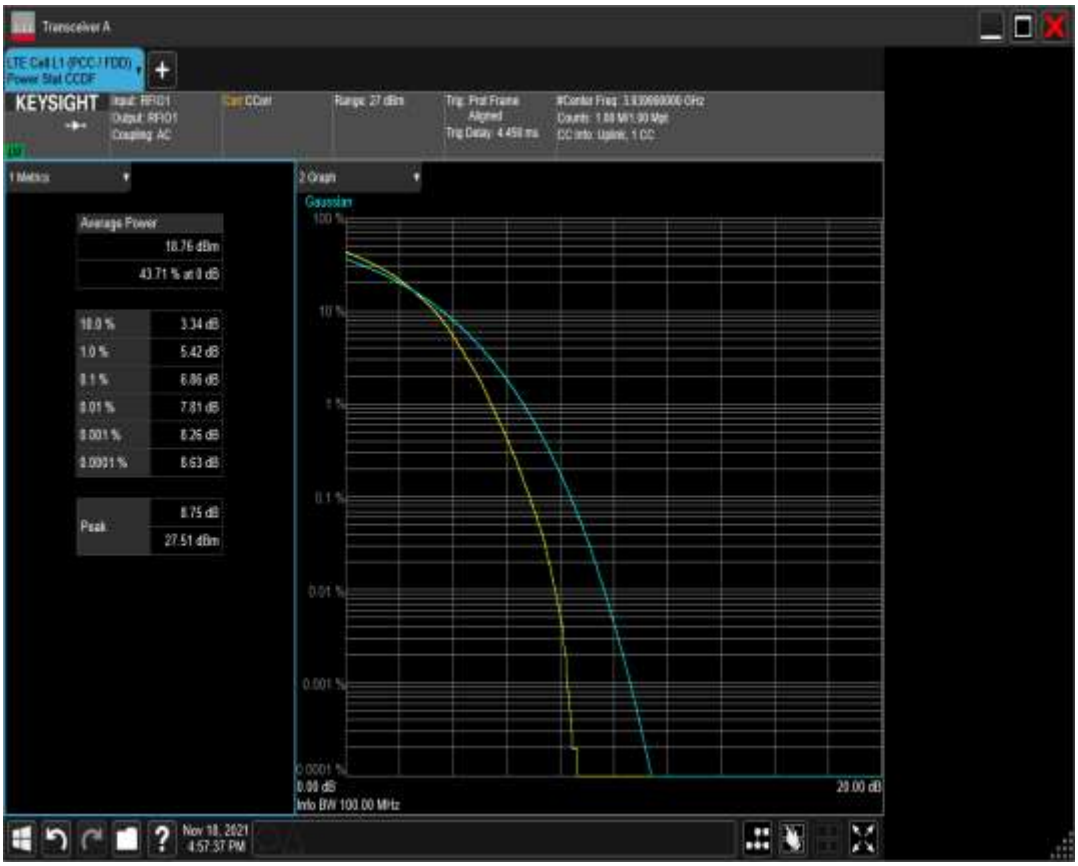
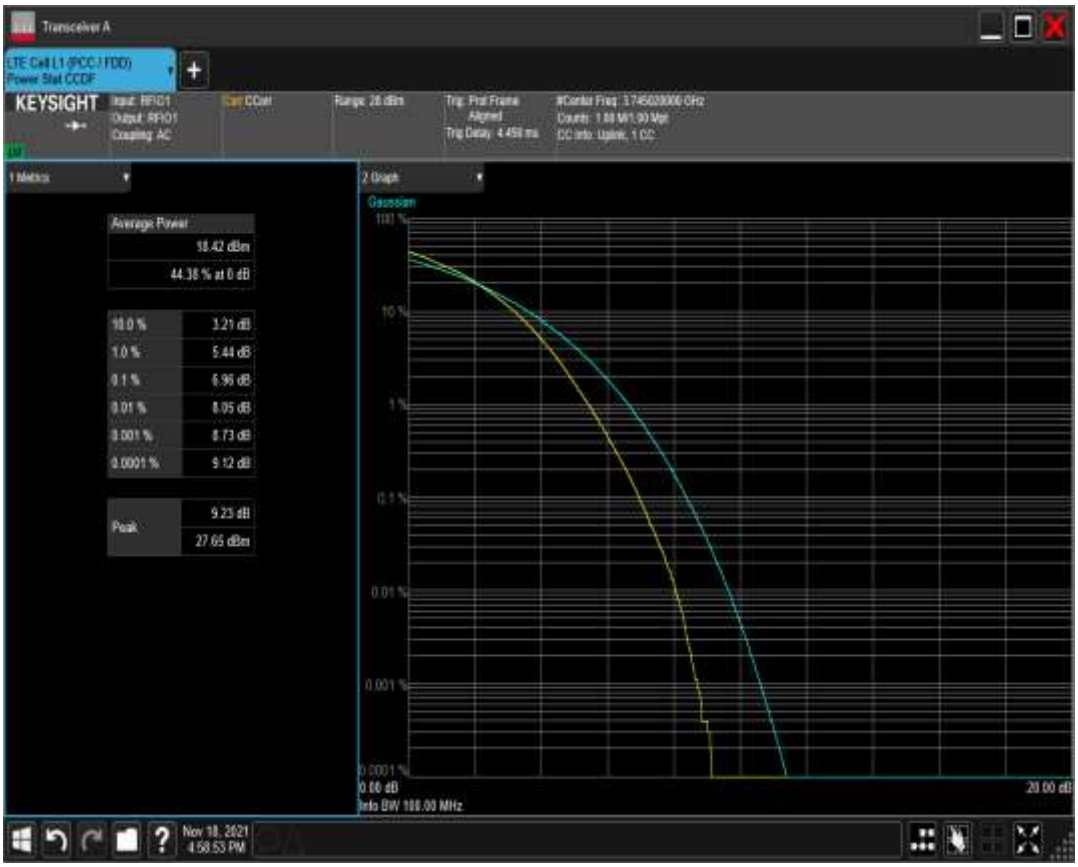
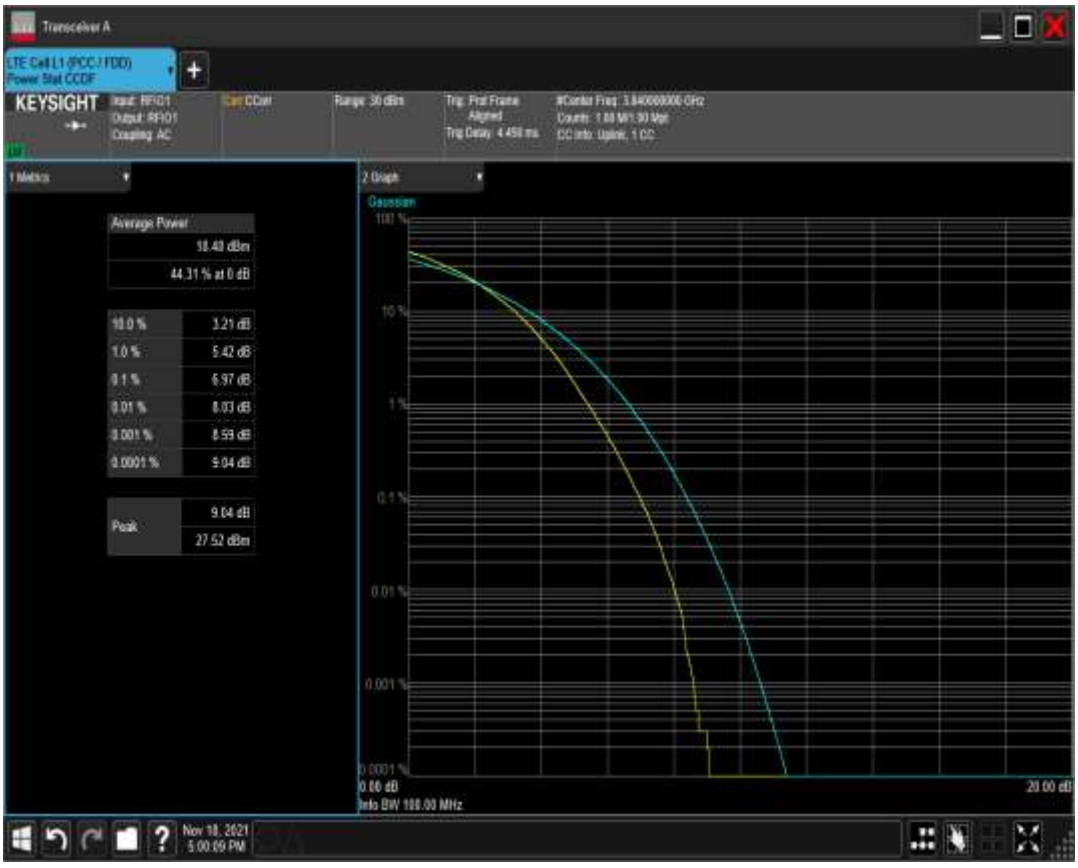


n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=649668 RB=240@0



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



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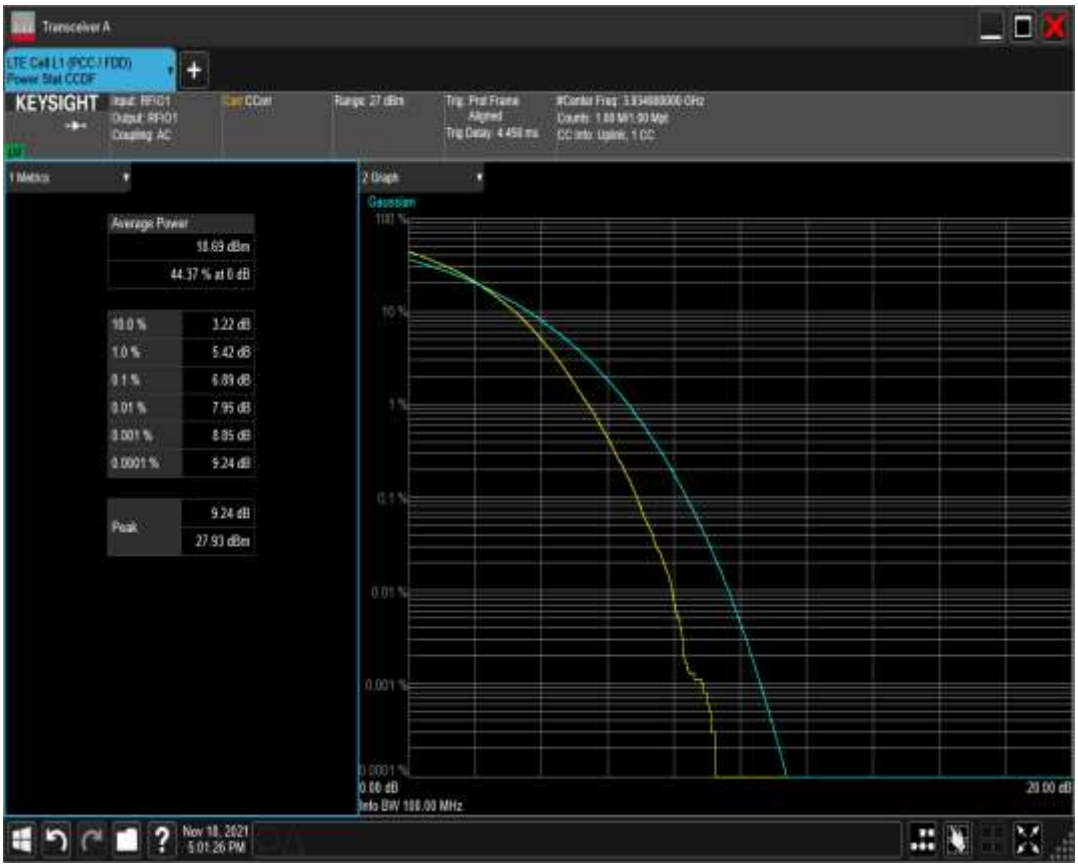

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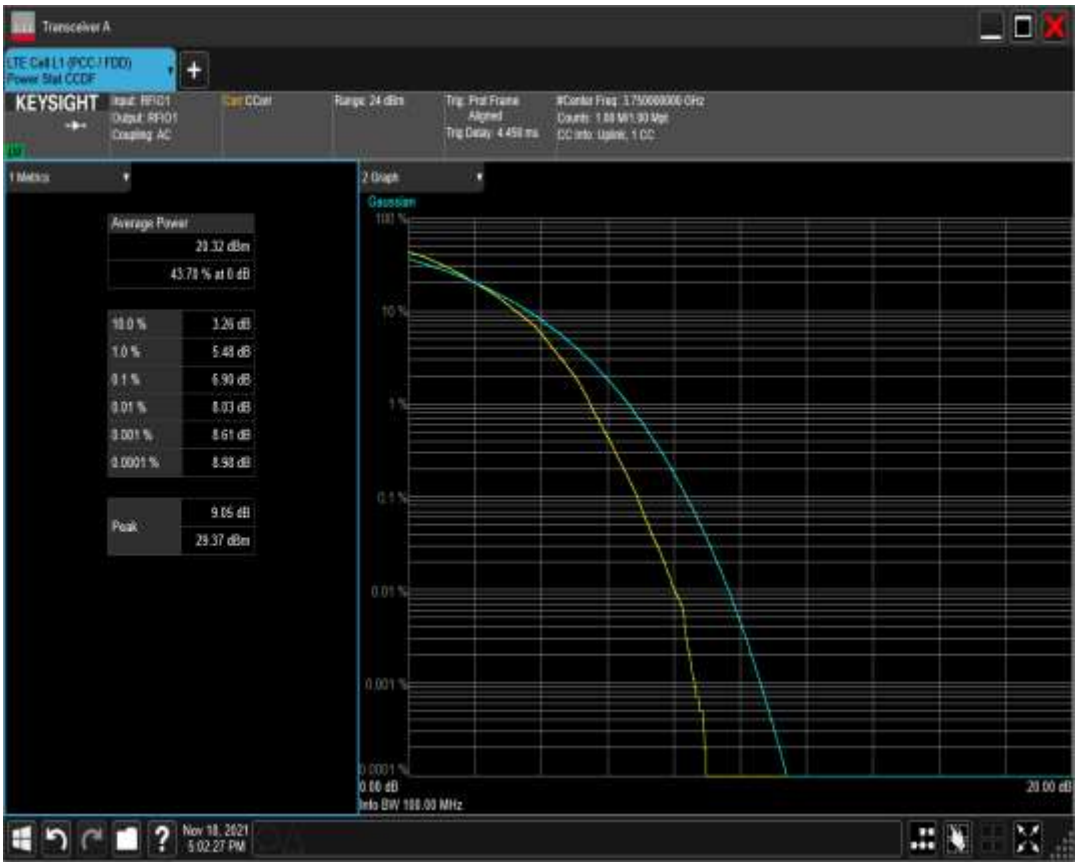
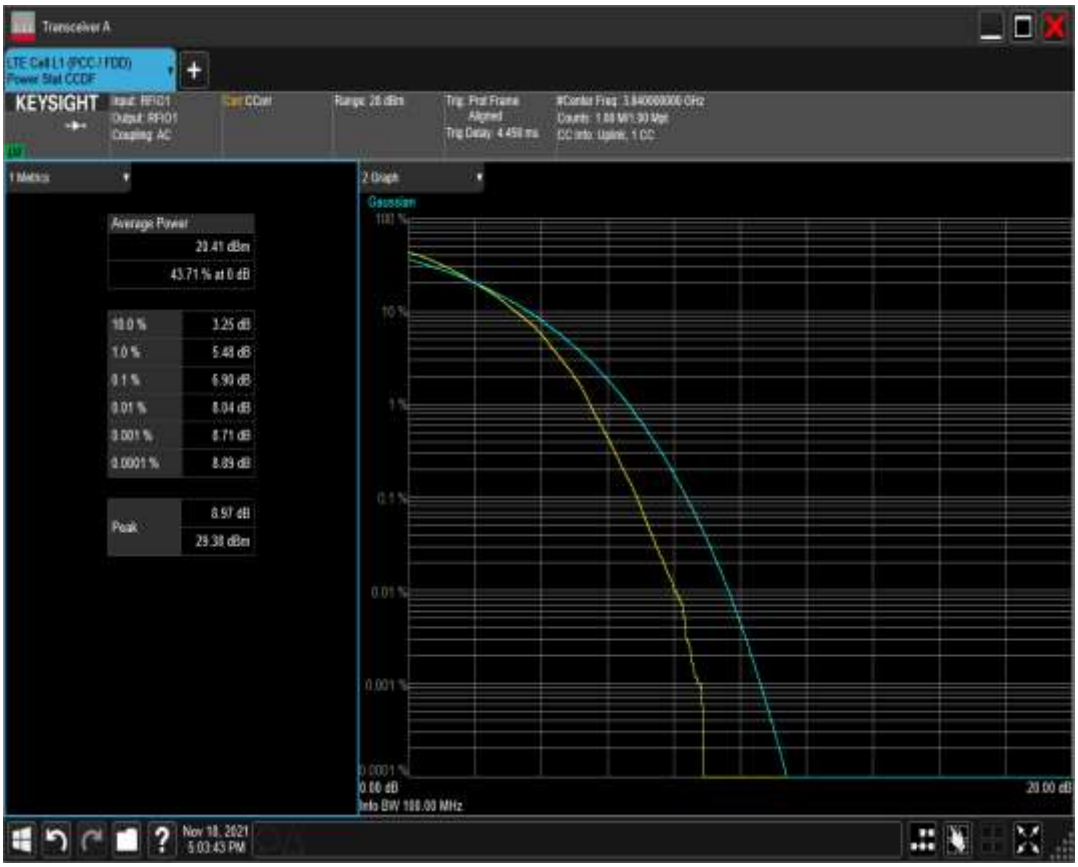


n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0



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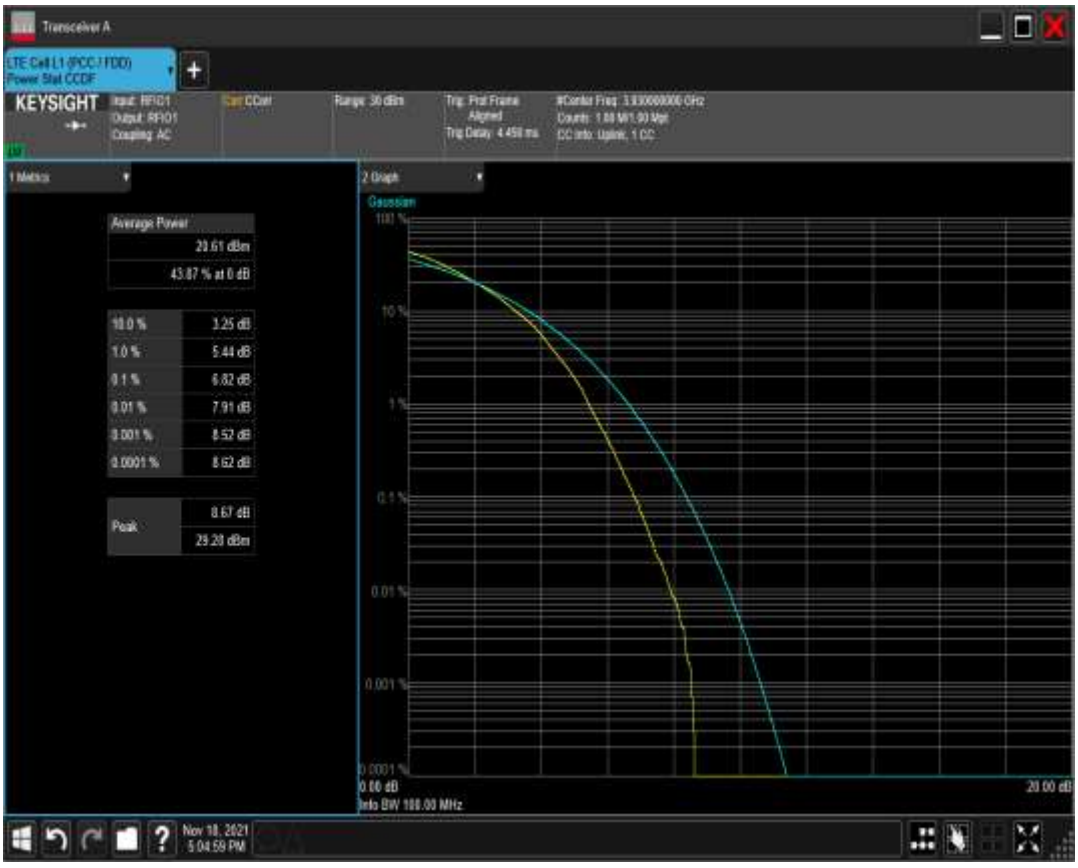
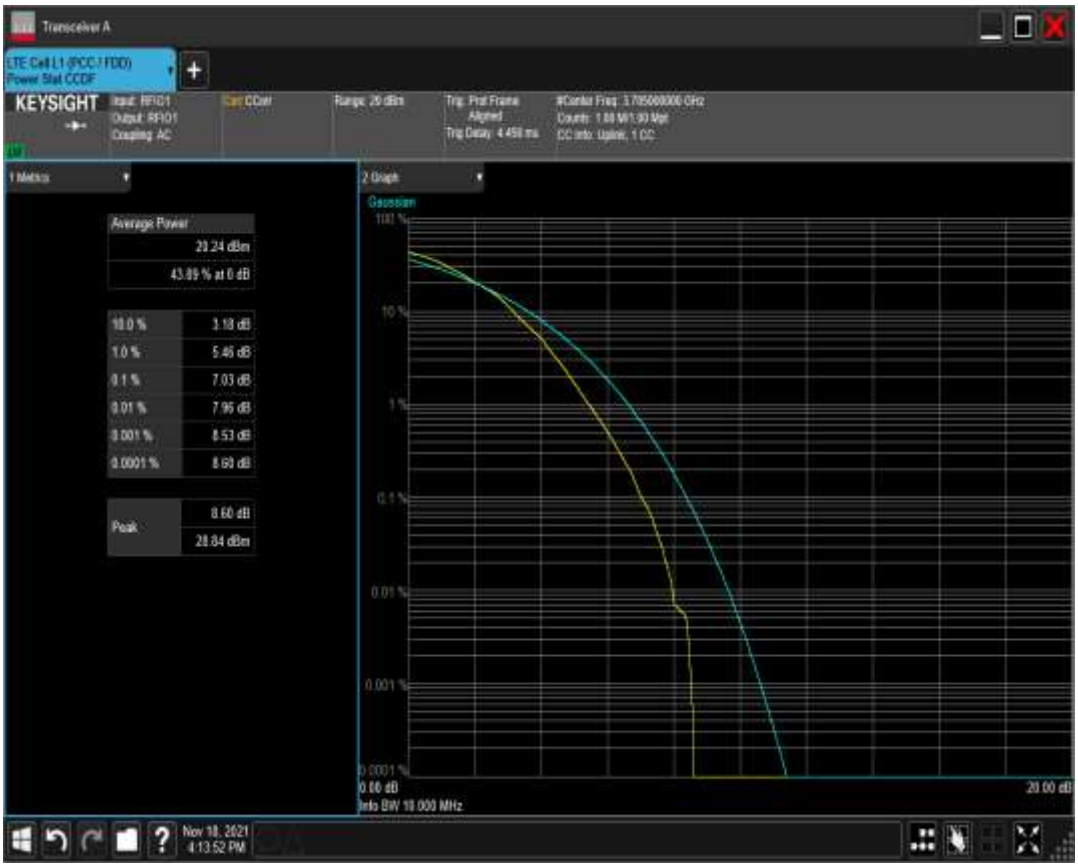
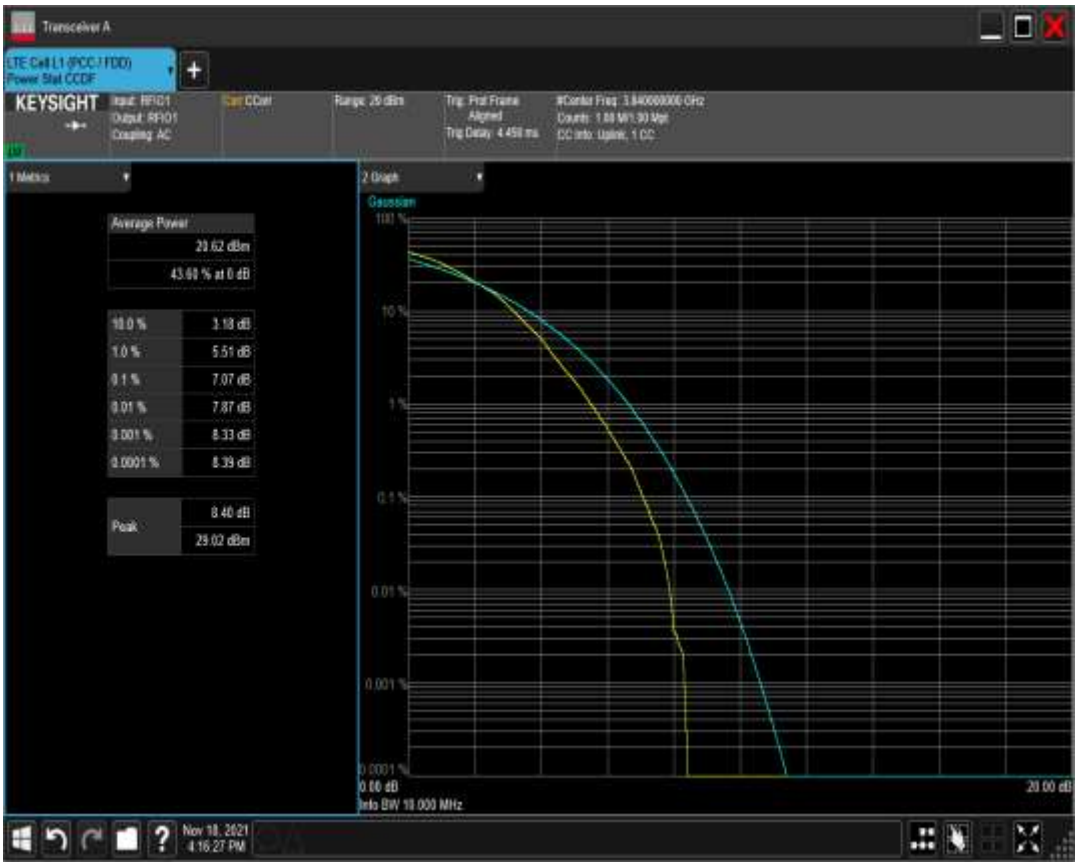


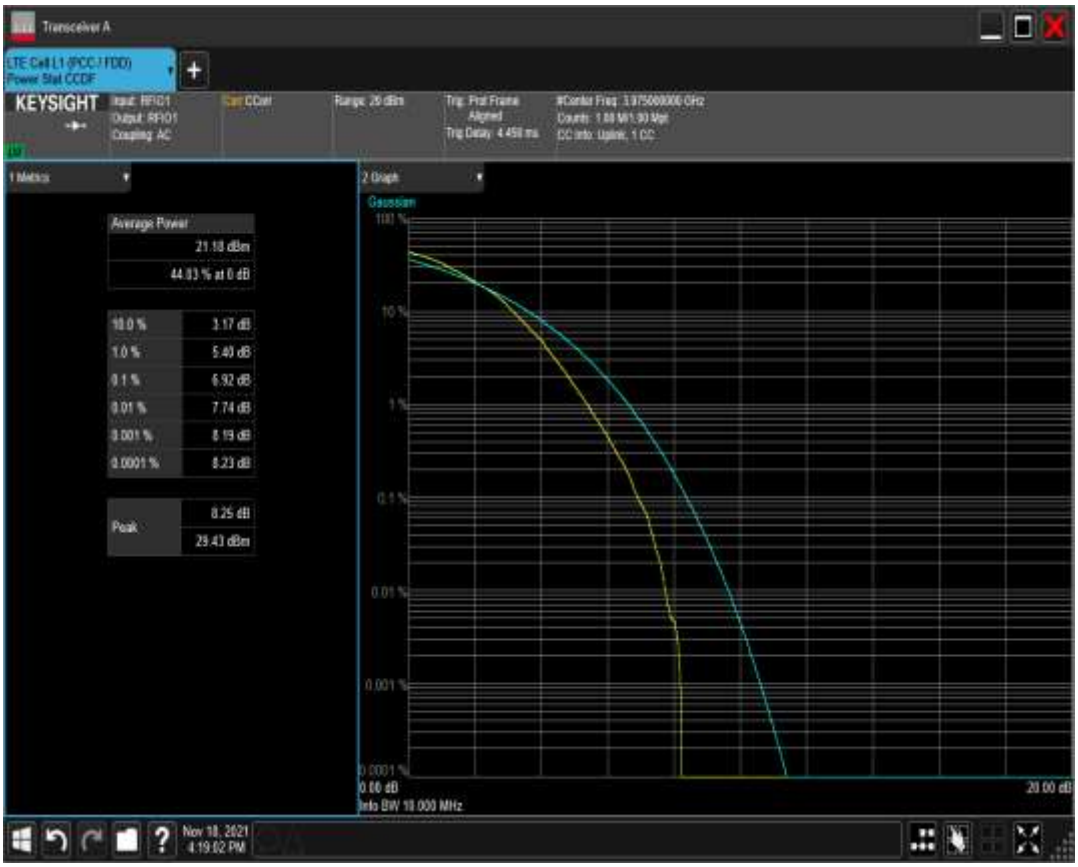
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=647000 RB=24@0



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



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



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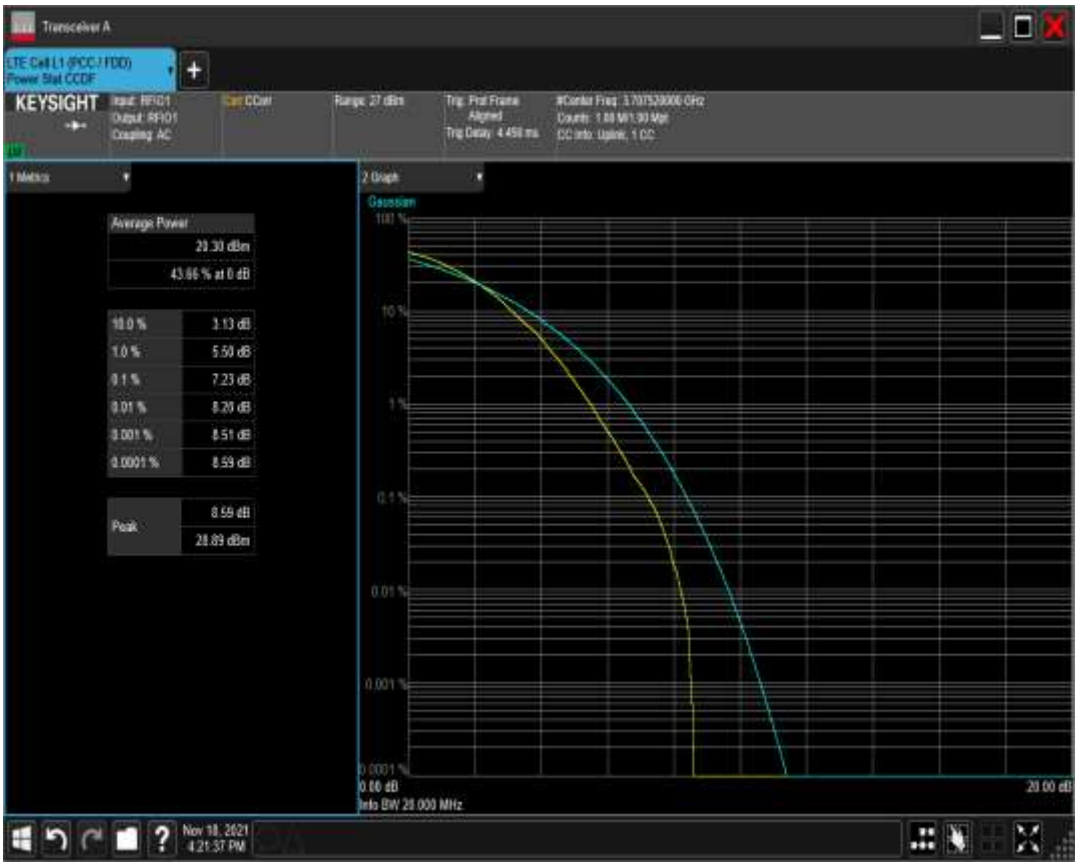
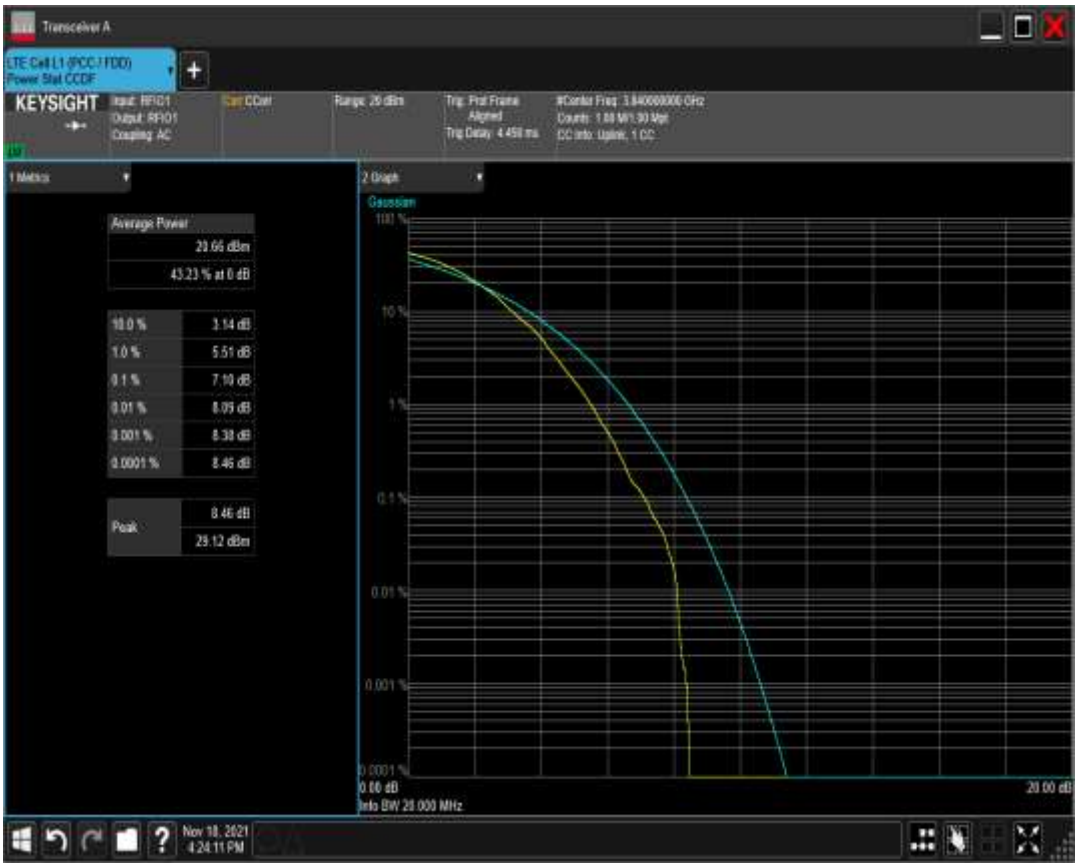


n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



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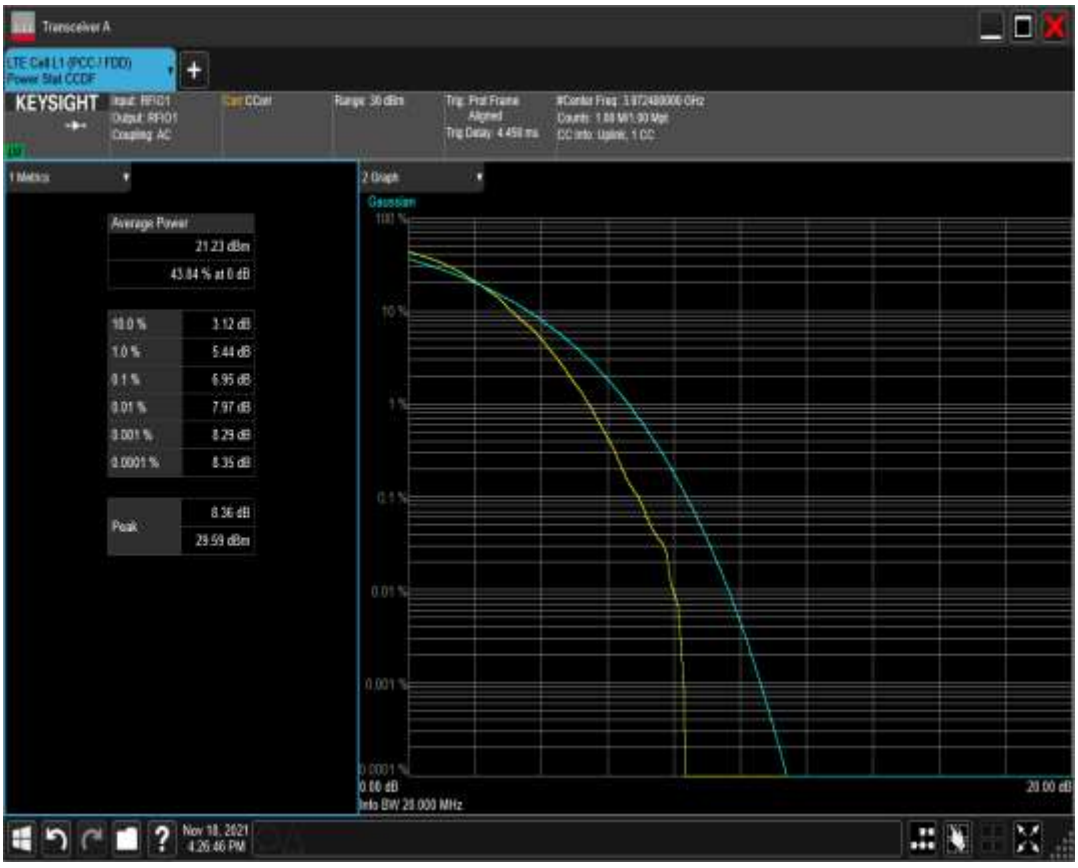
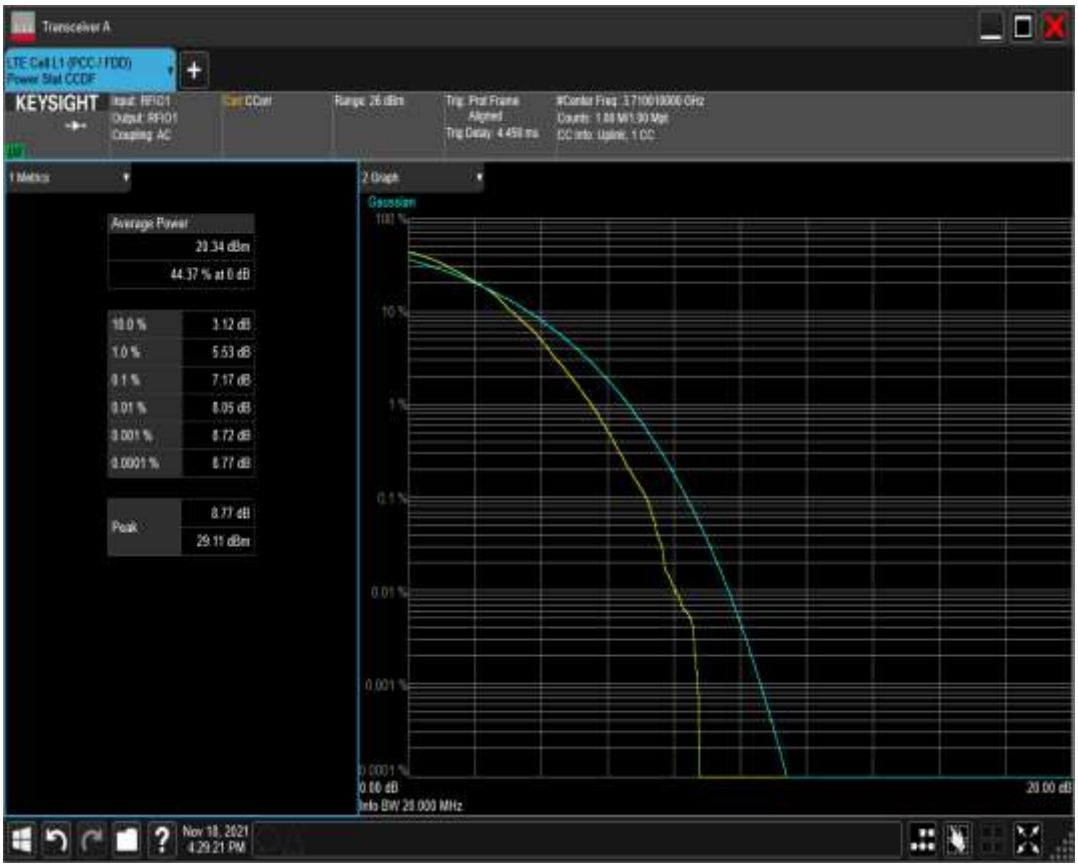
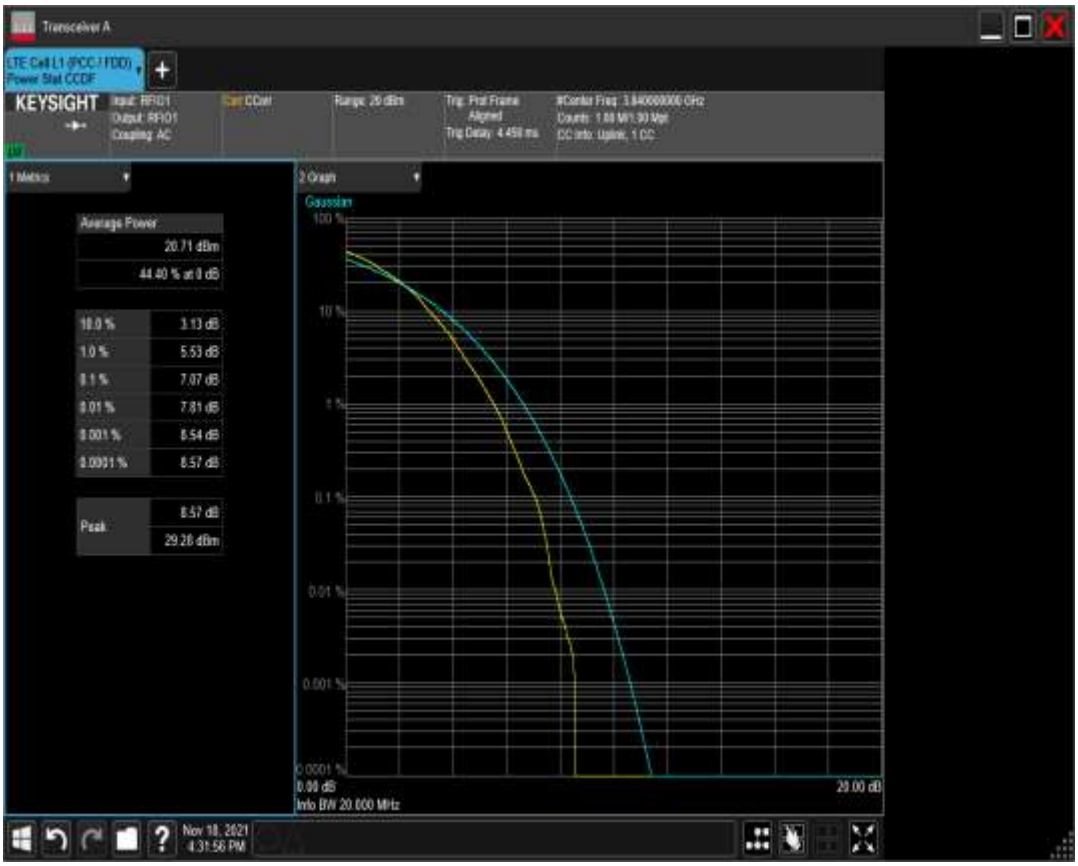


n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=647334 RB=50@0



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



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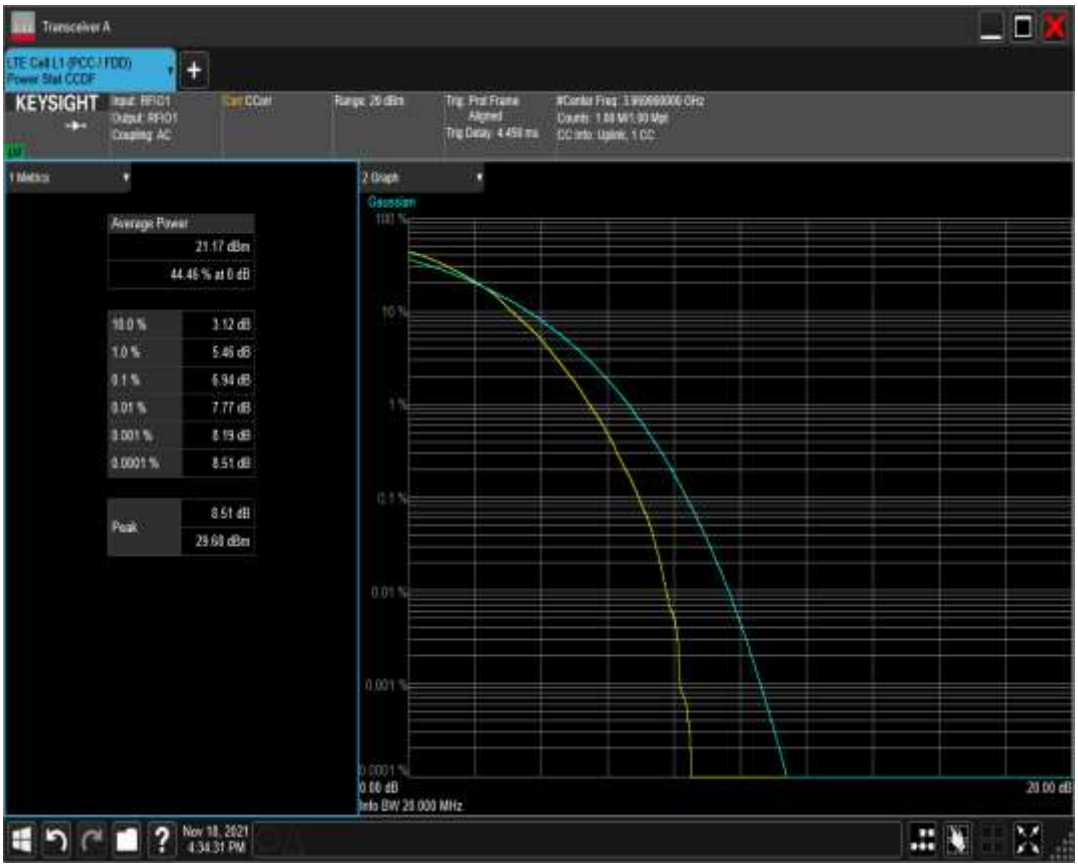
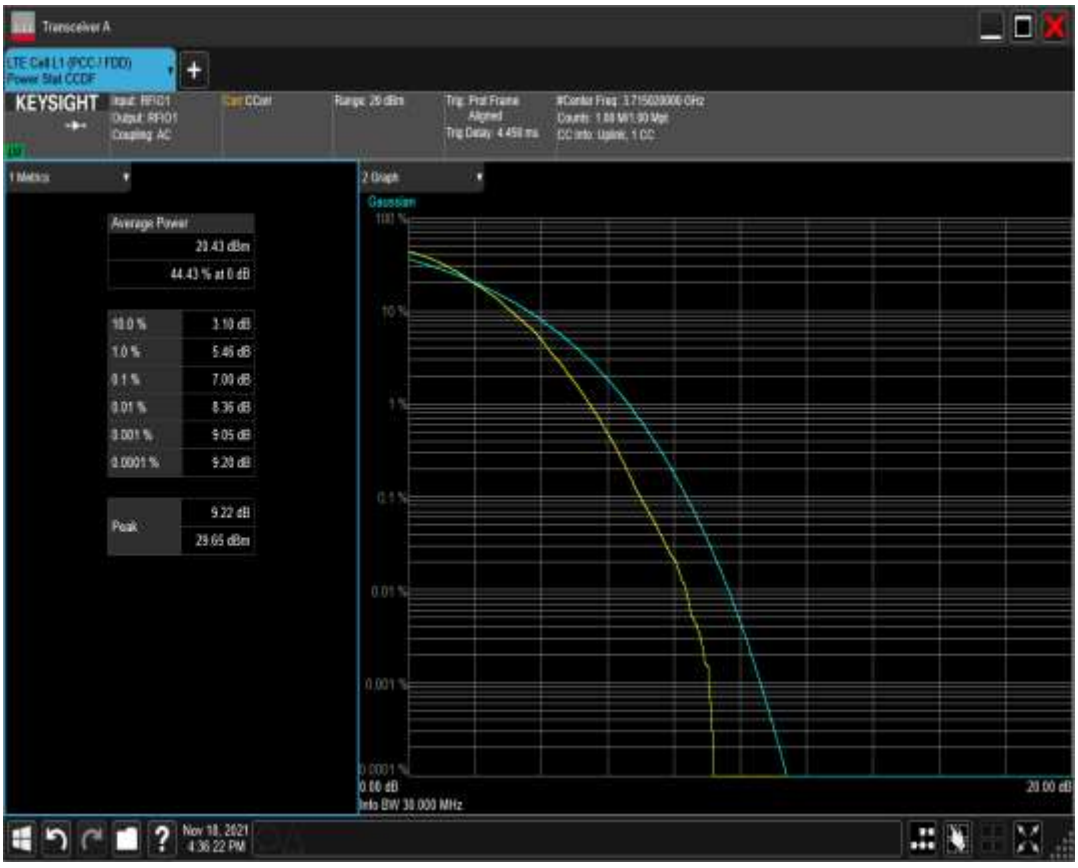
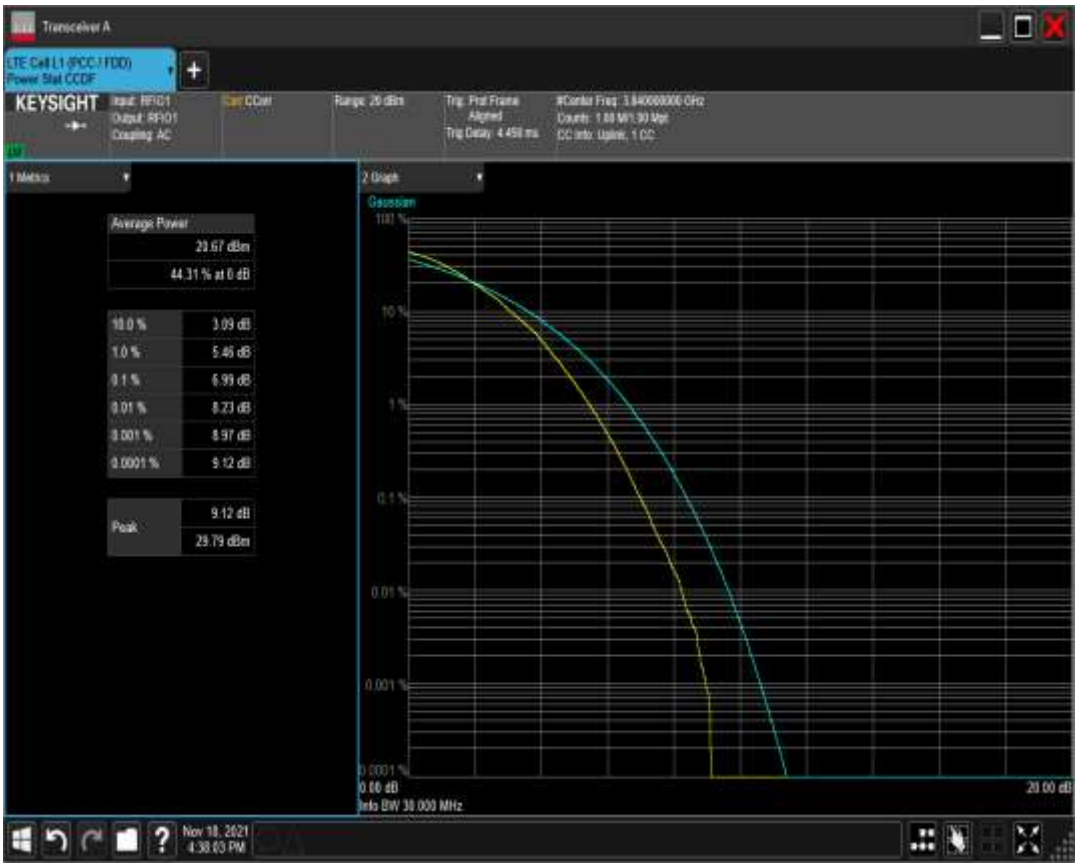


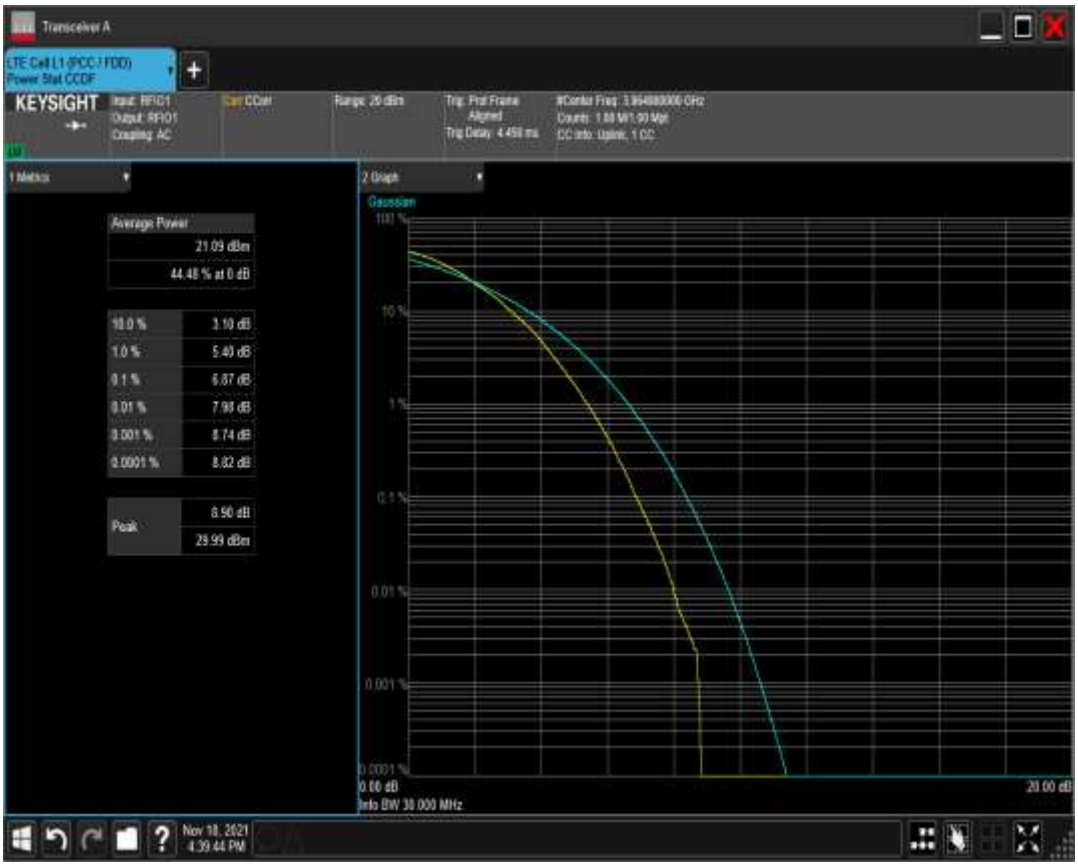
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=647668 RB=75@0



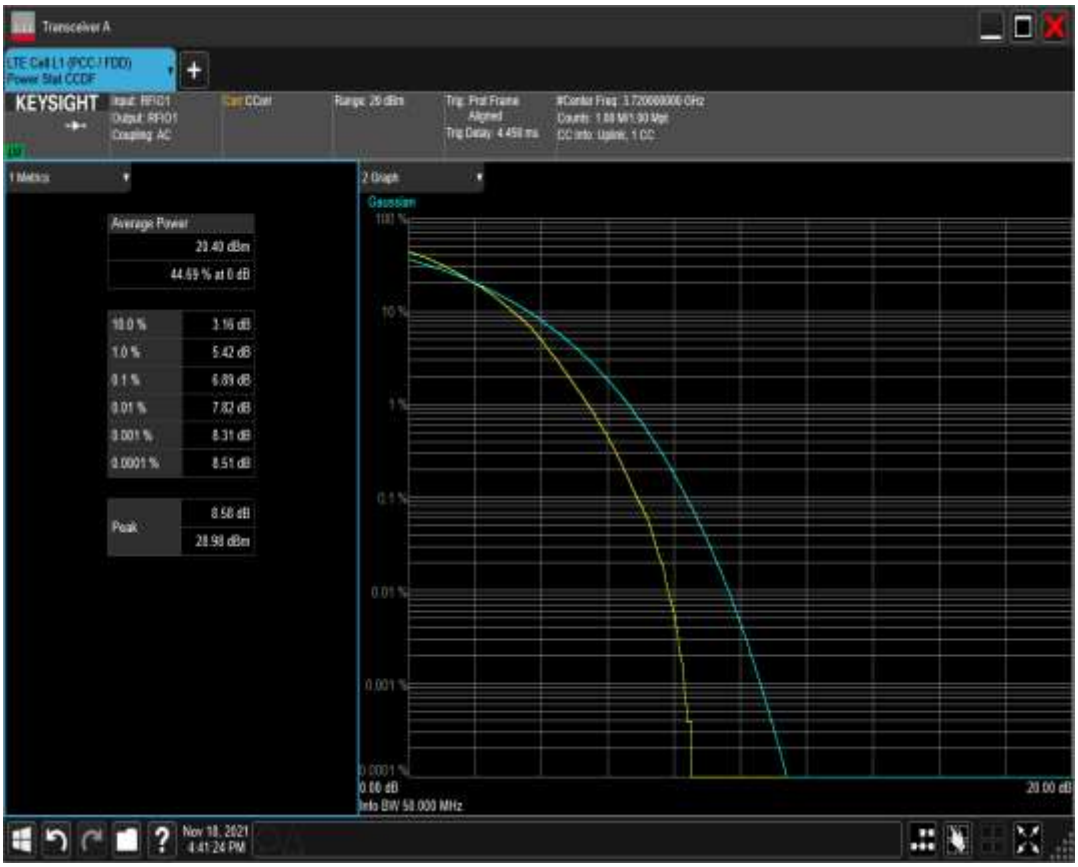
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



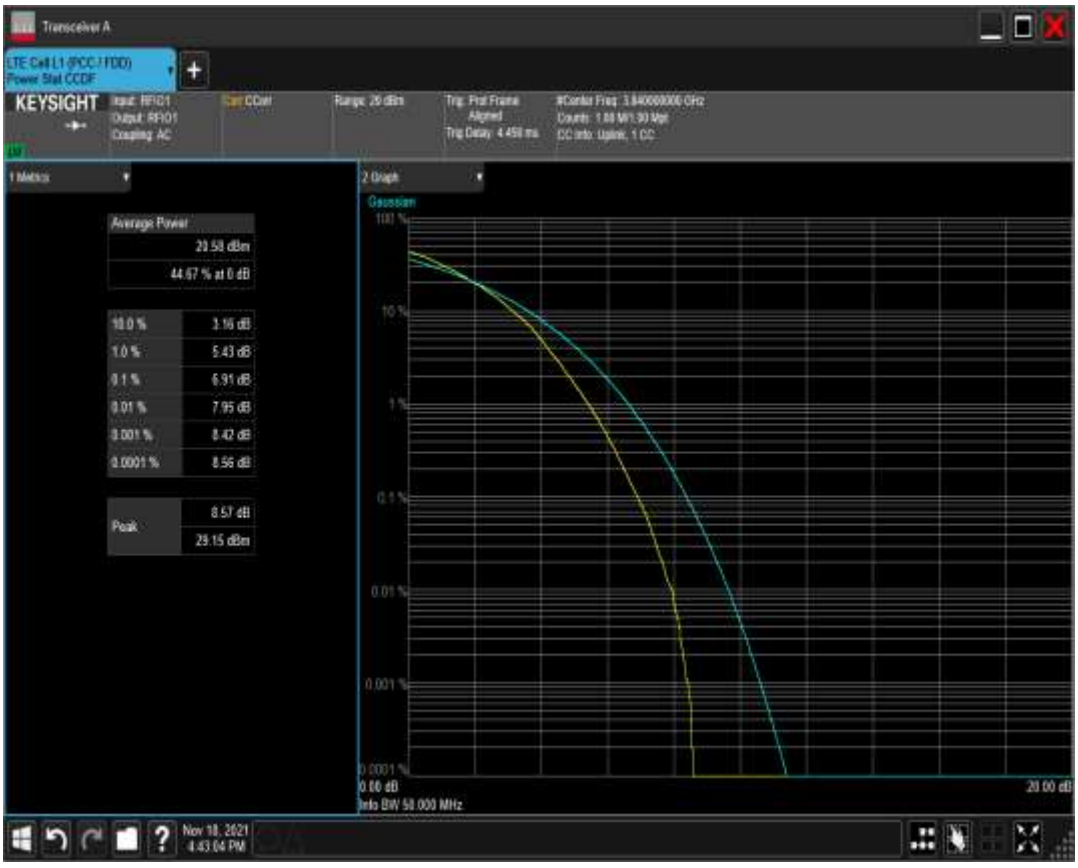
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=664332 RB=75@0



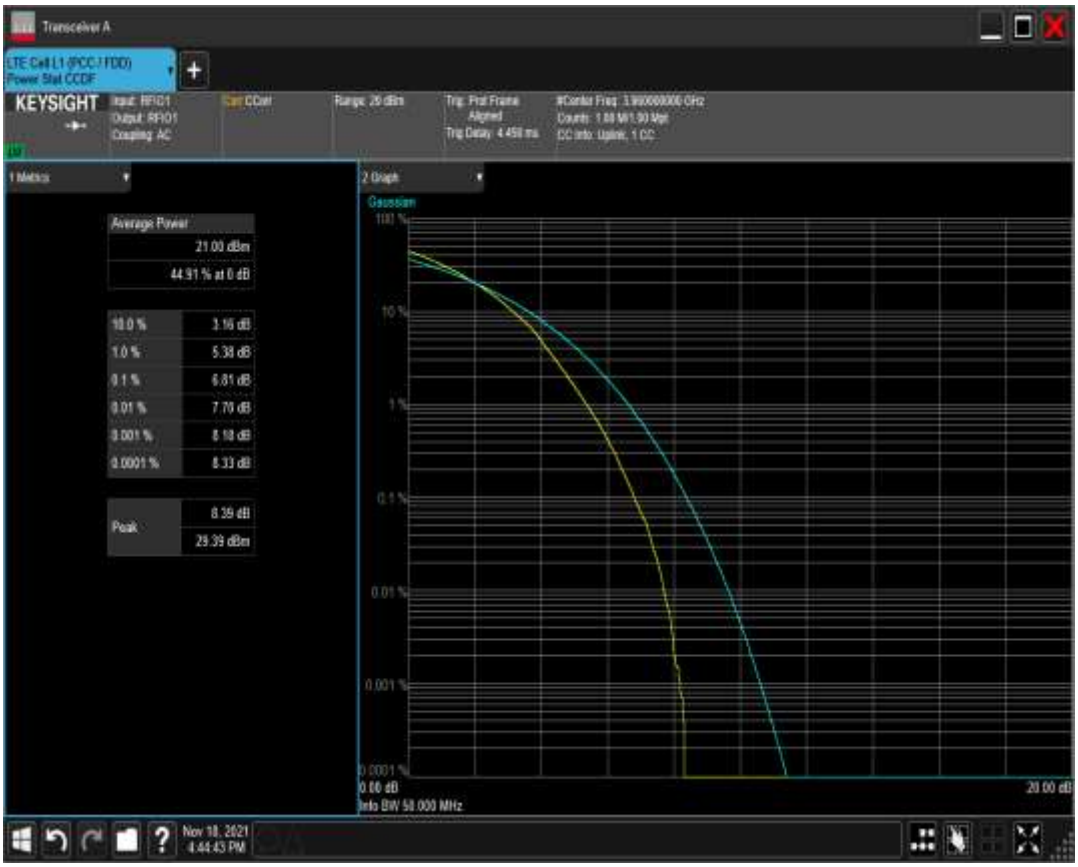
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=648000 RB=100@0



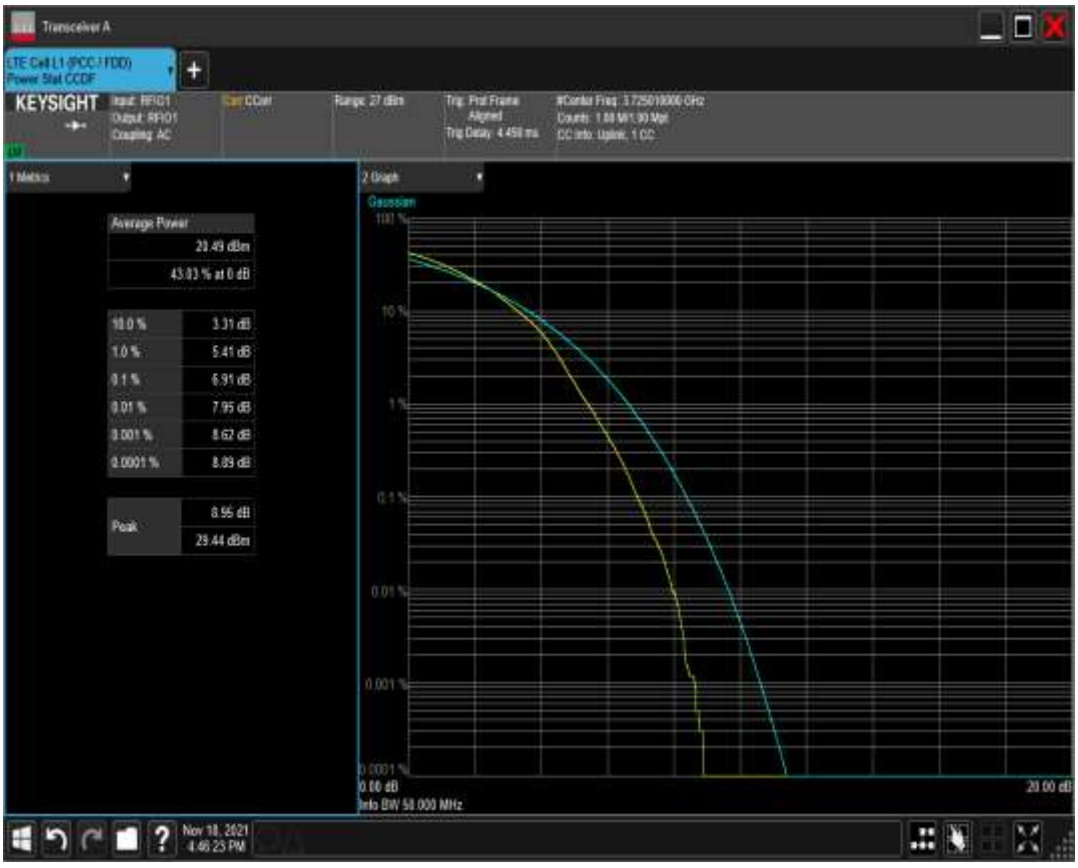
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=664000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=648334 RB=128@0



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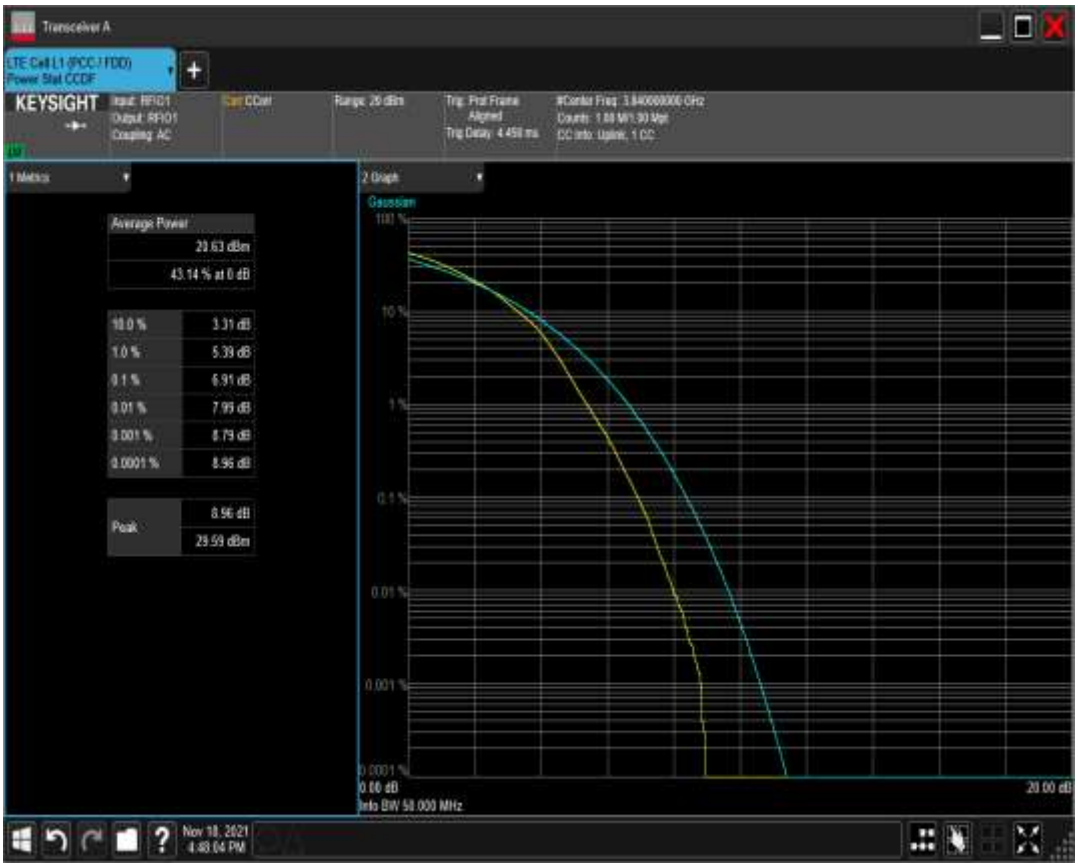
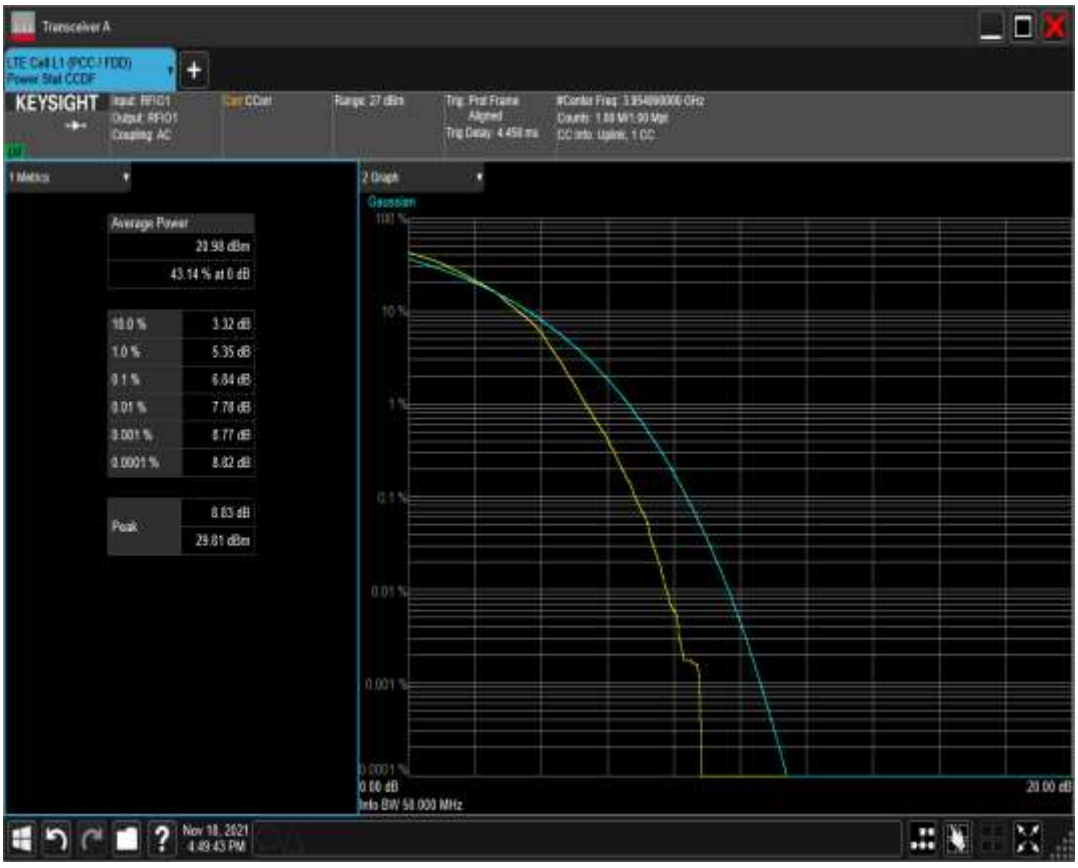
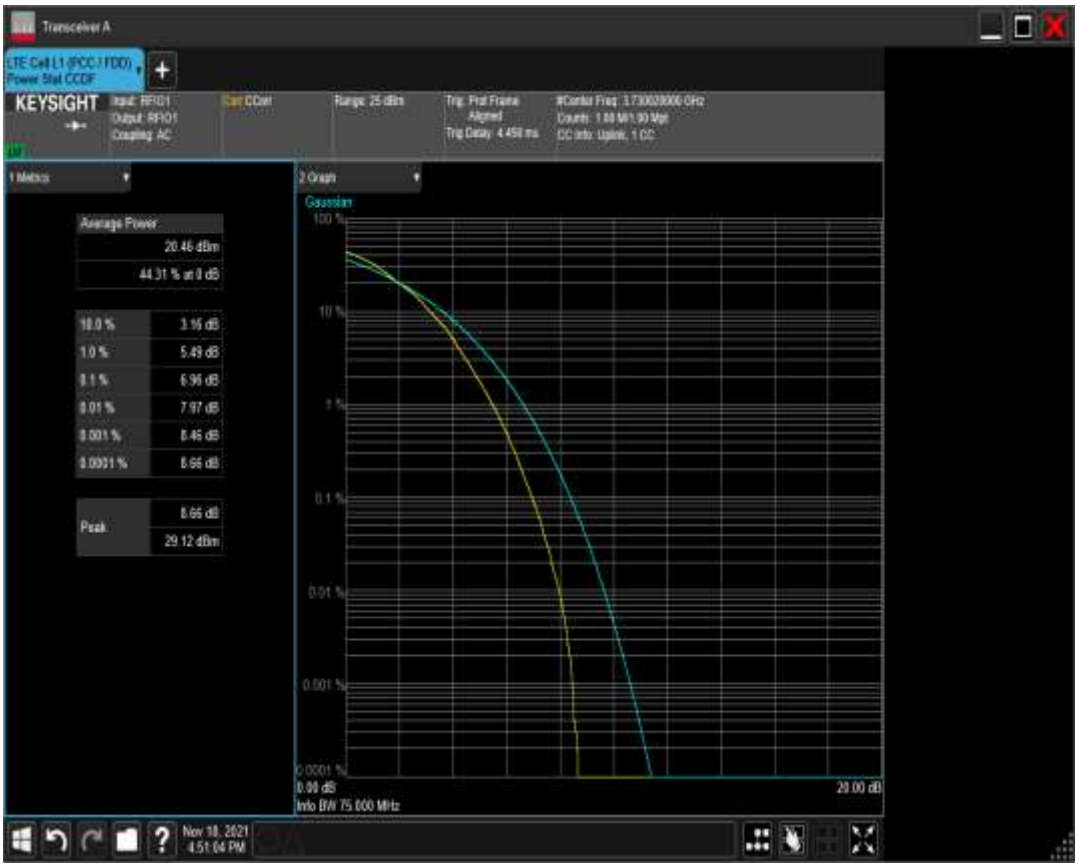


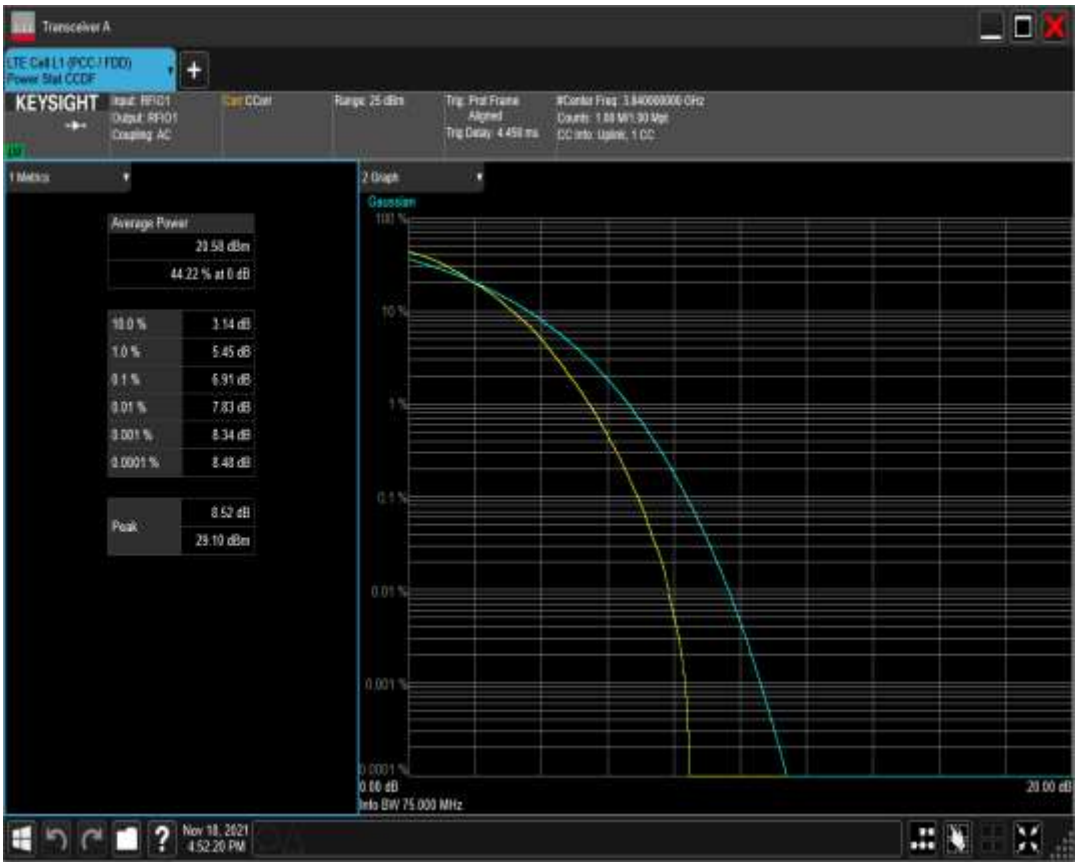
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=663666 RB=128@0



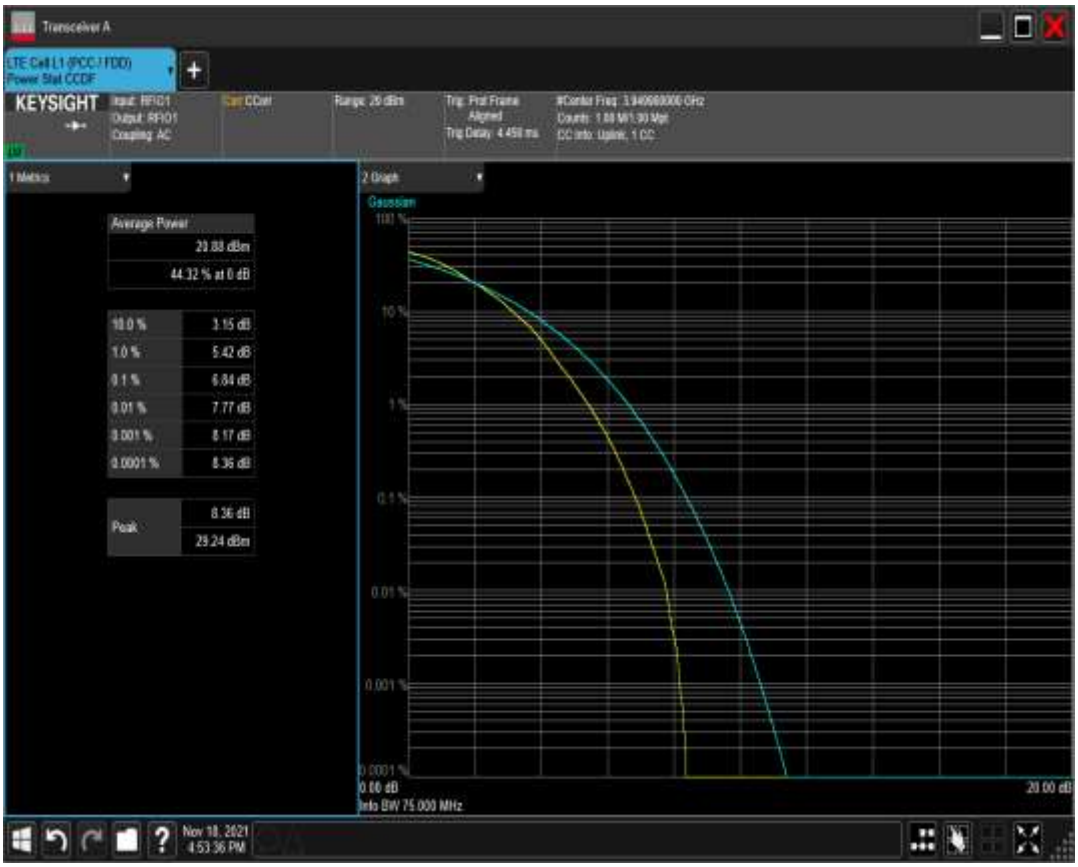
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=648668 RB=162@0



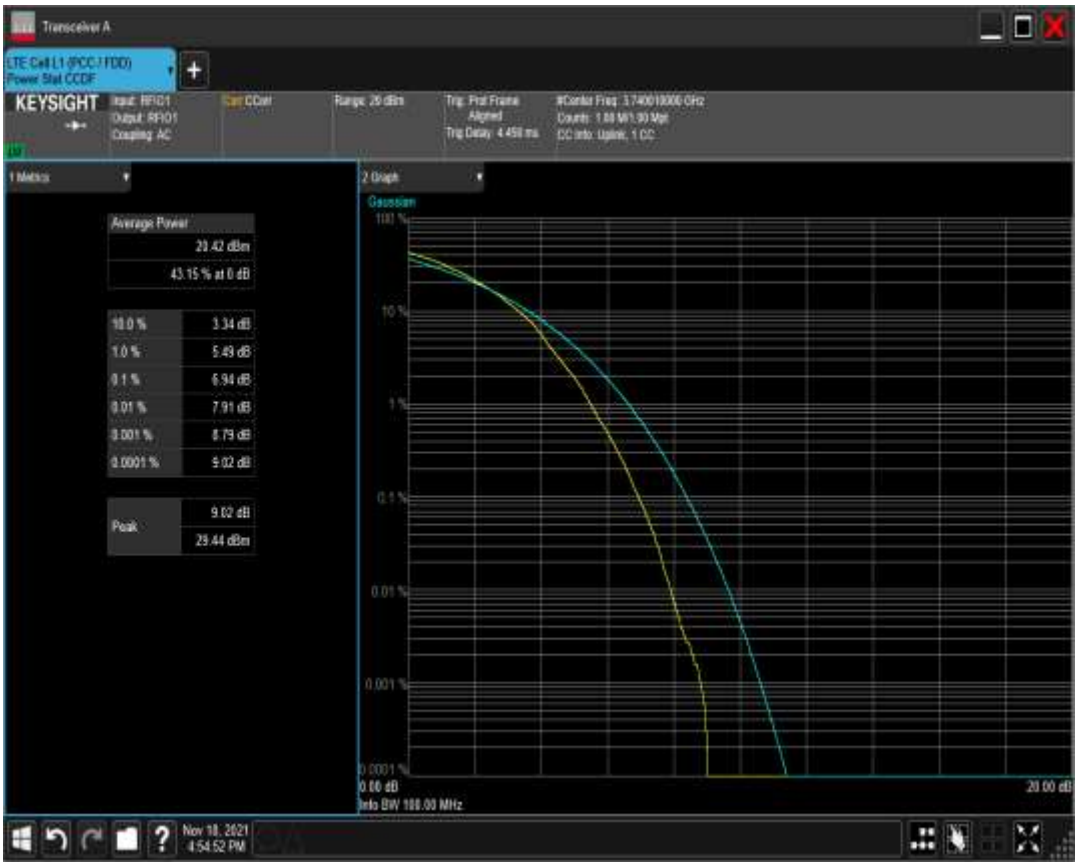
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



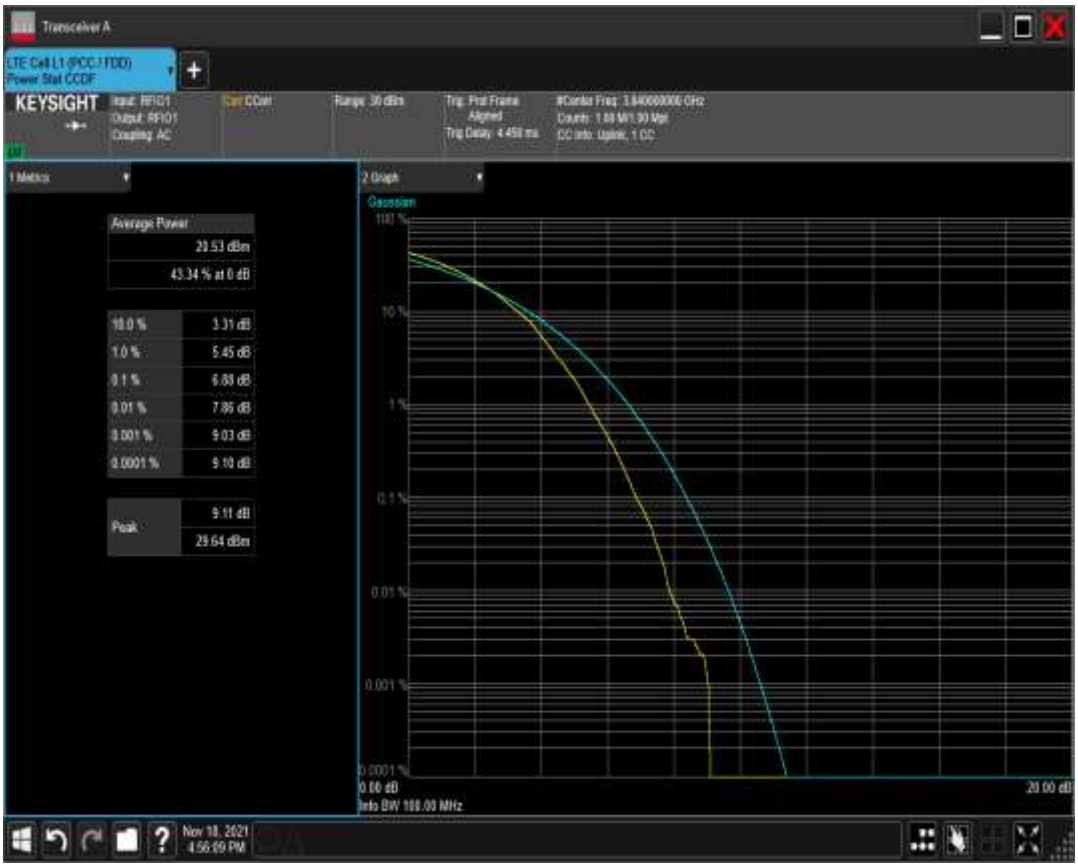
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=663332 RB=162@0



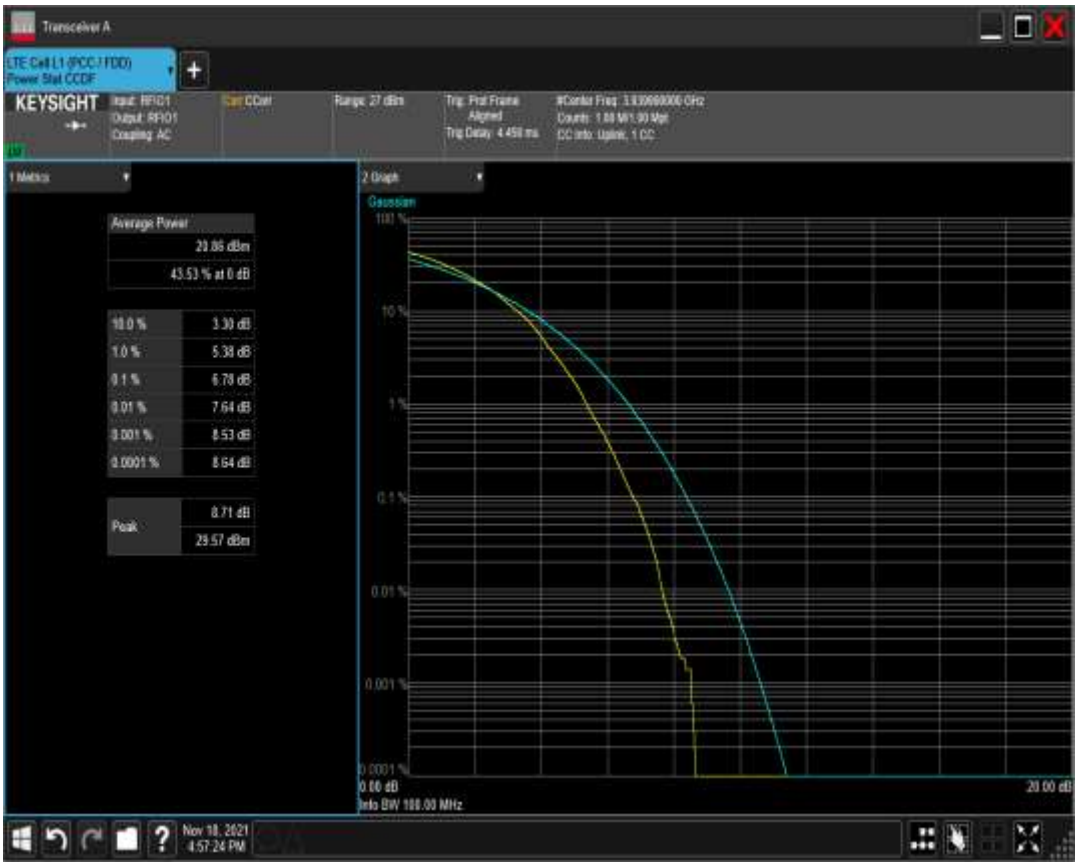
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=649334 RB=216@0



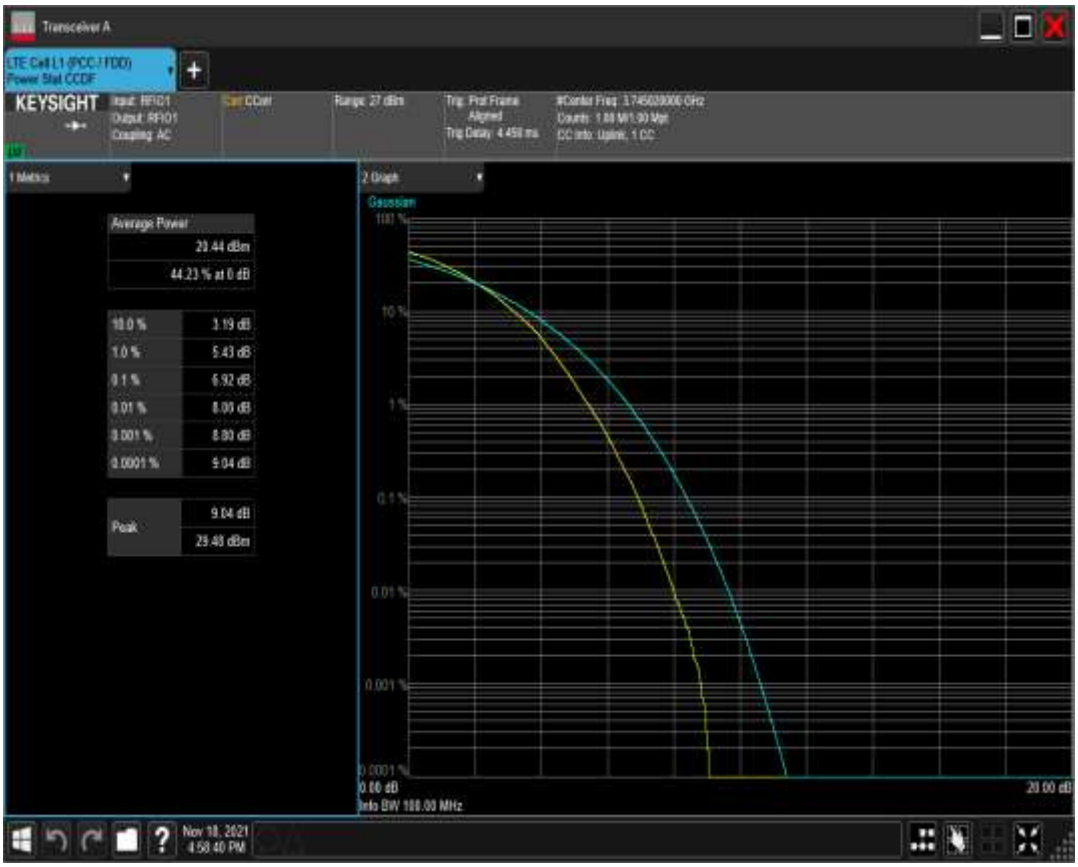
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



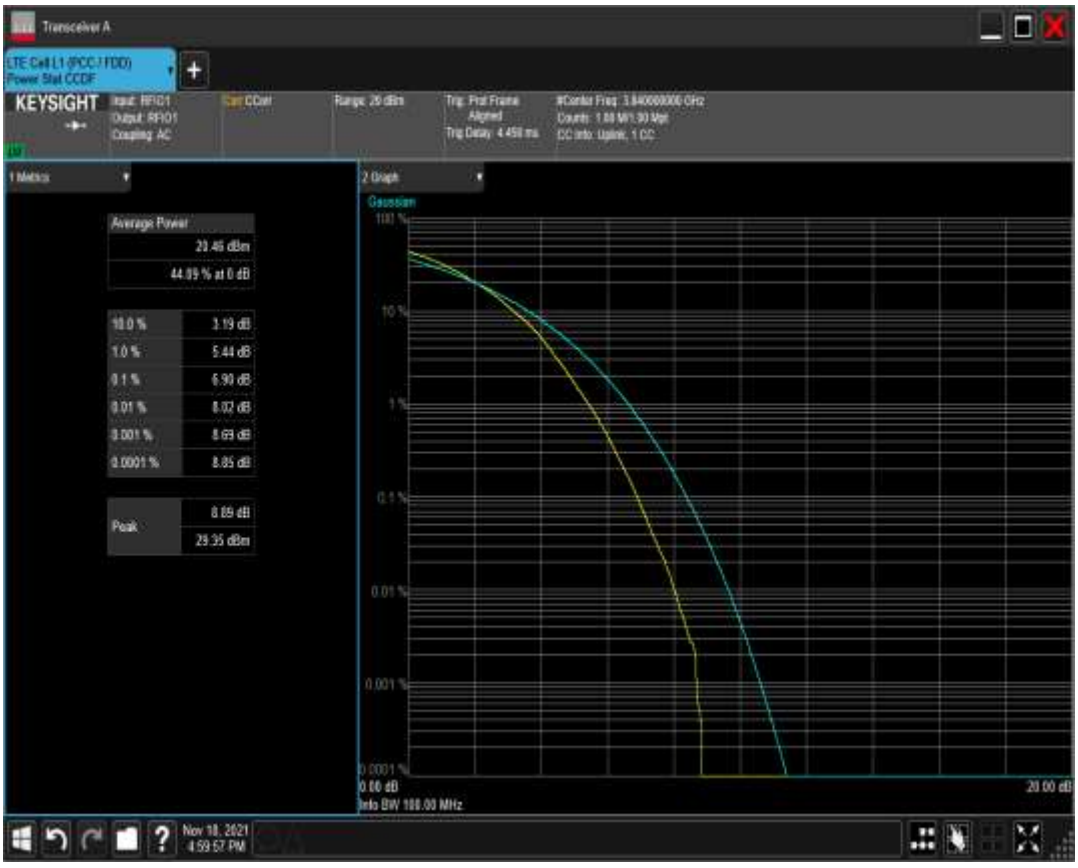
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=662666 RB=216@0



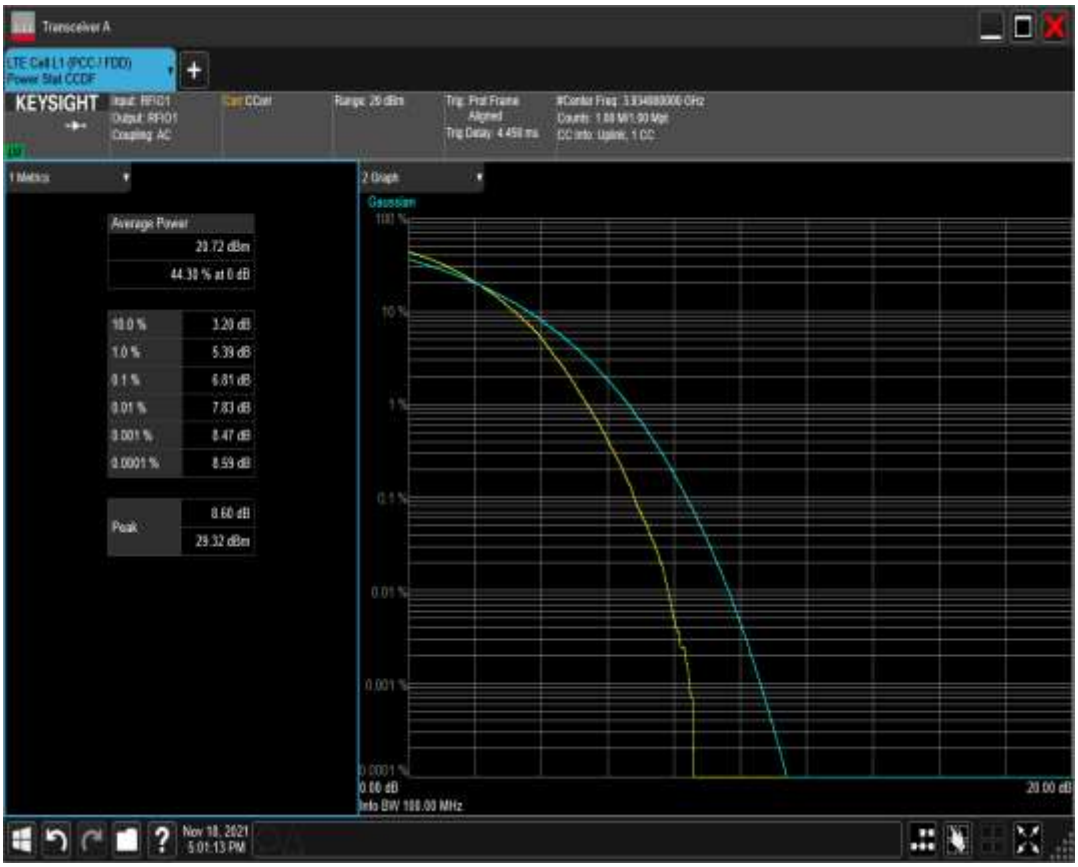
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=649668 RB=240@0



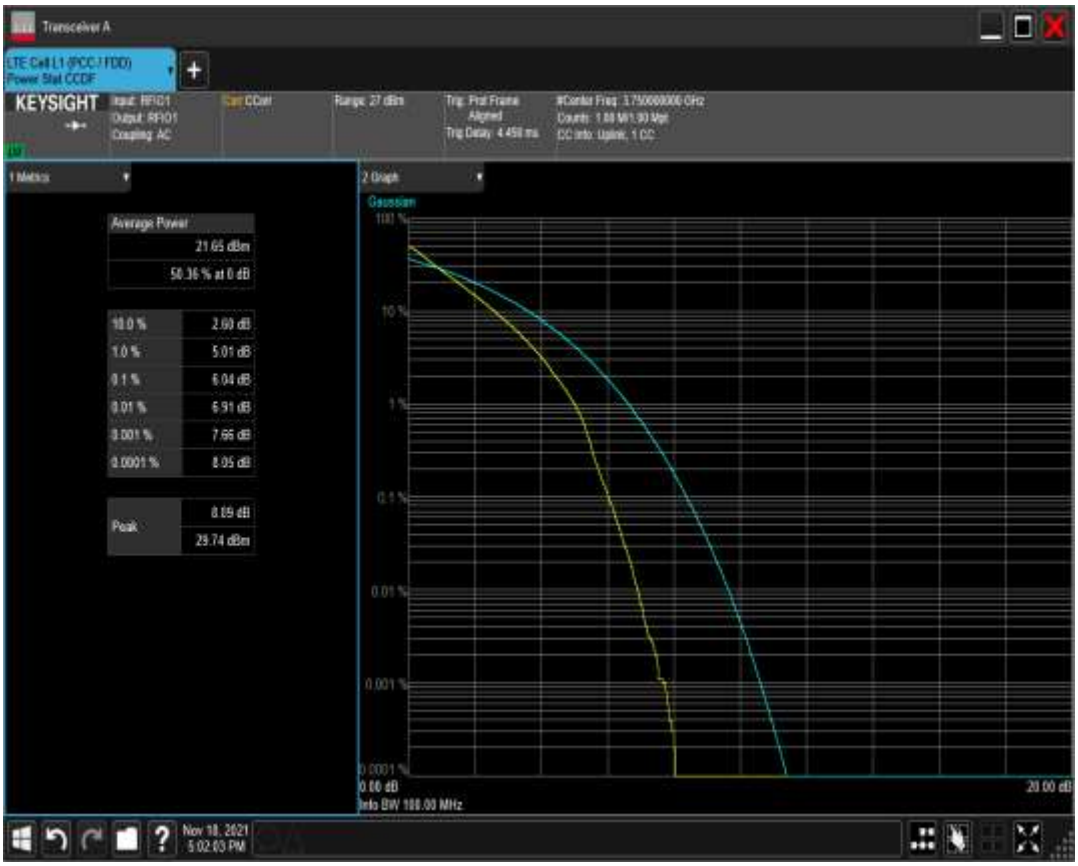
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



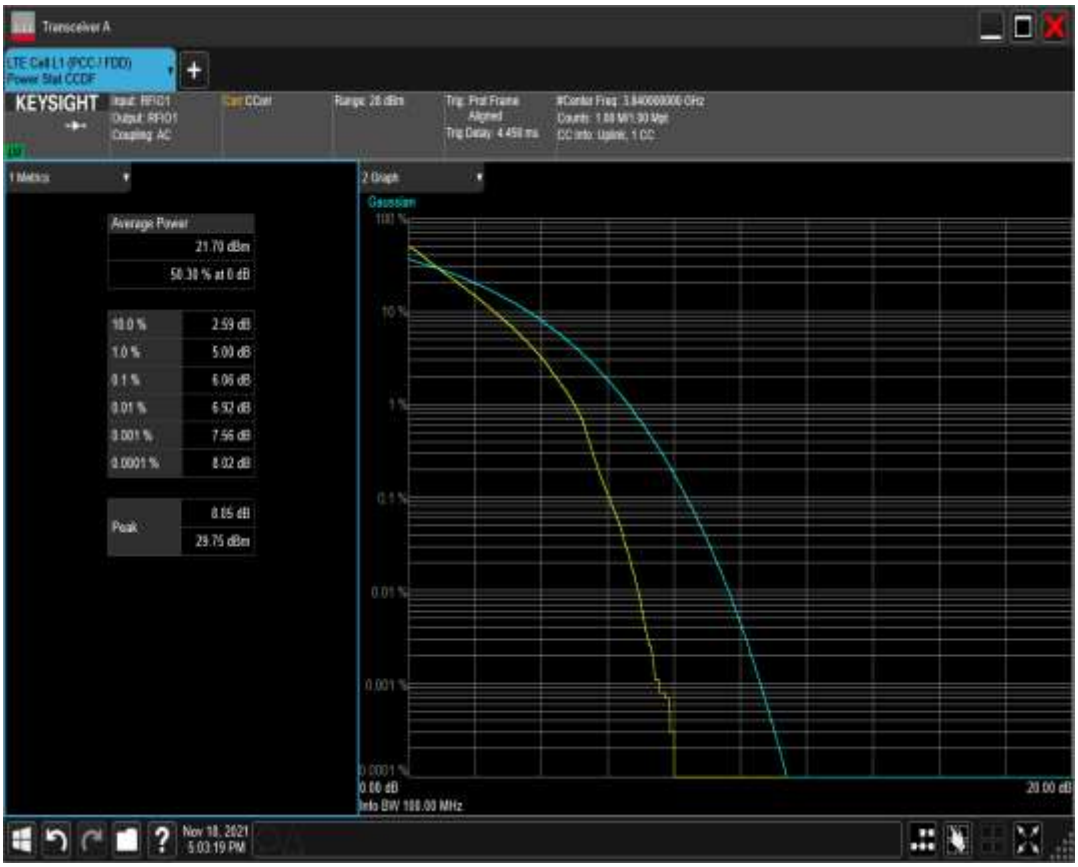
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=662332 RB=240@0



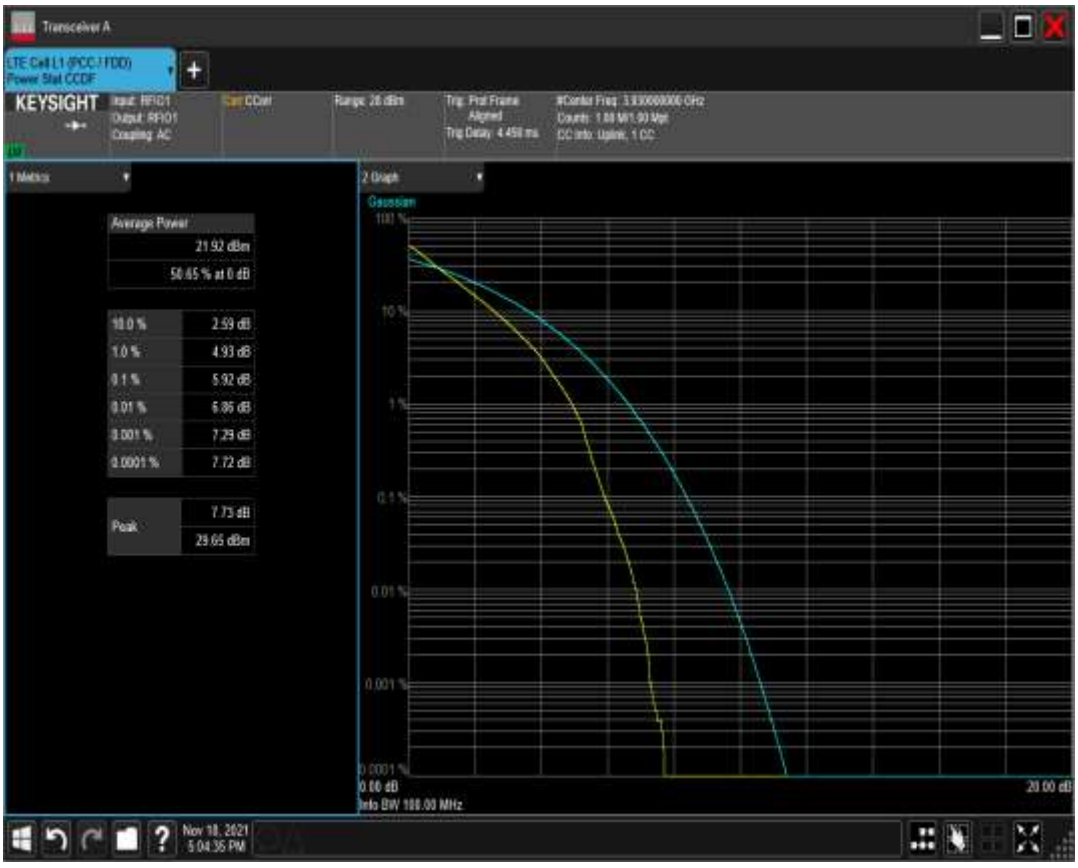
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



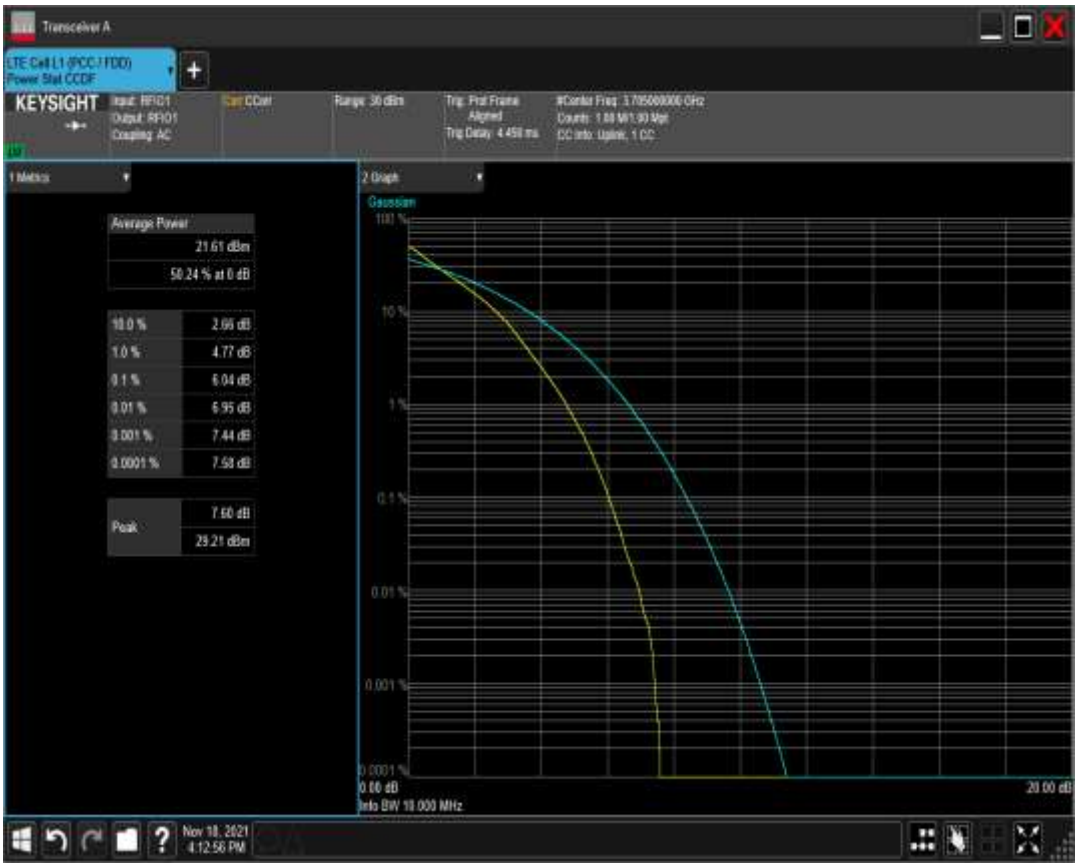
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



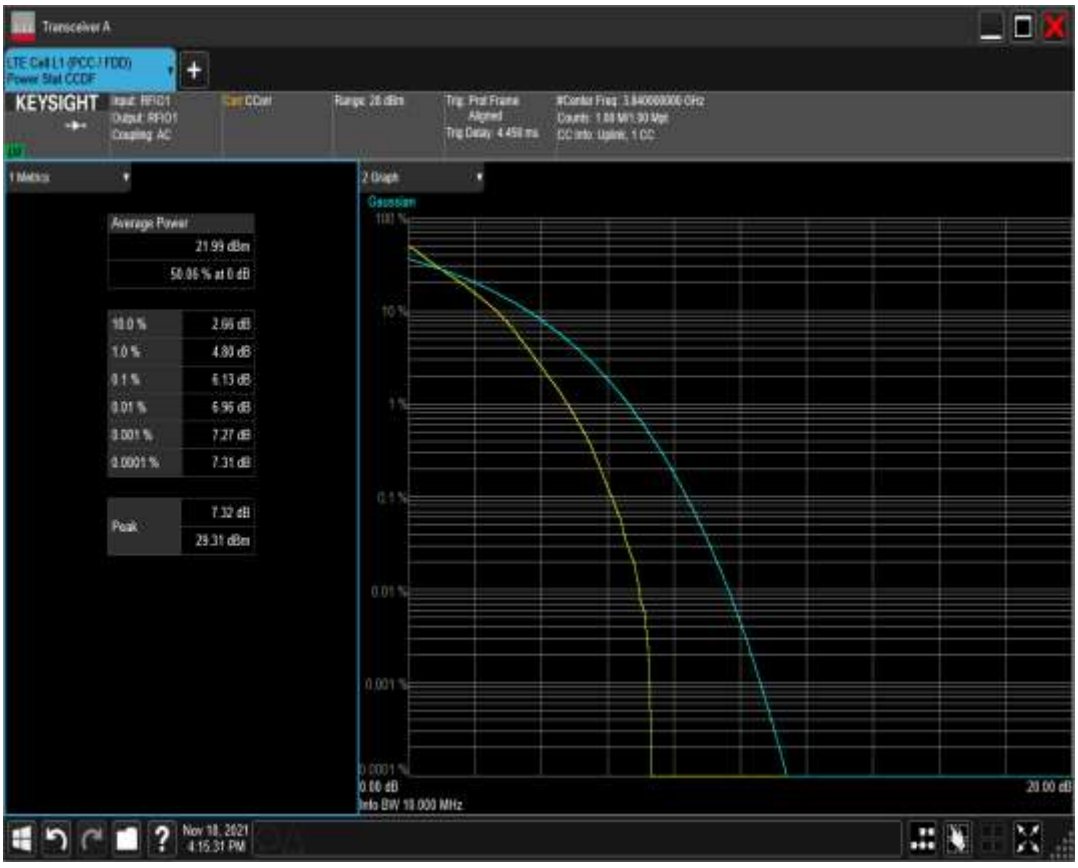
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0



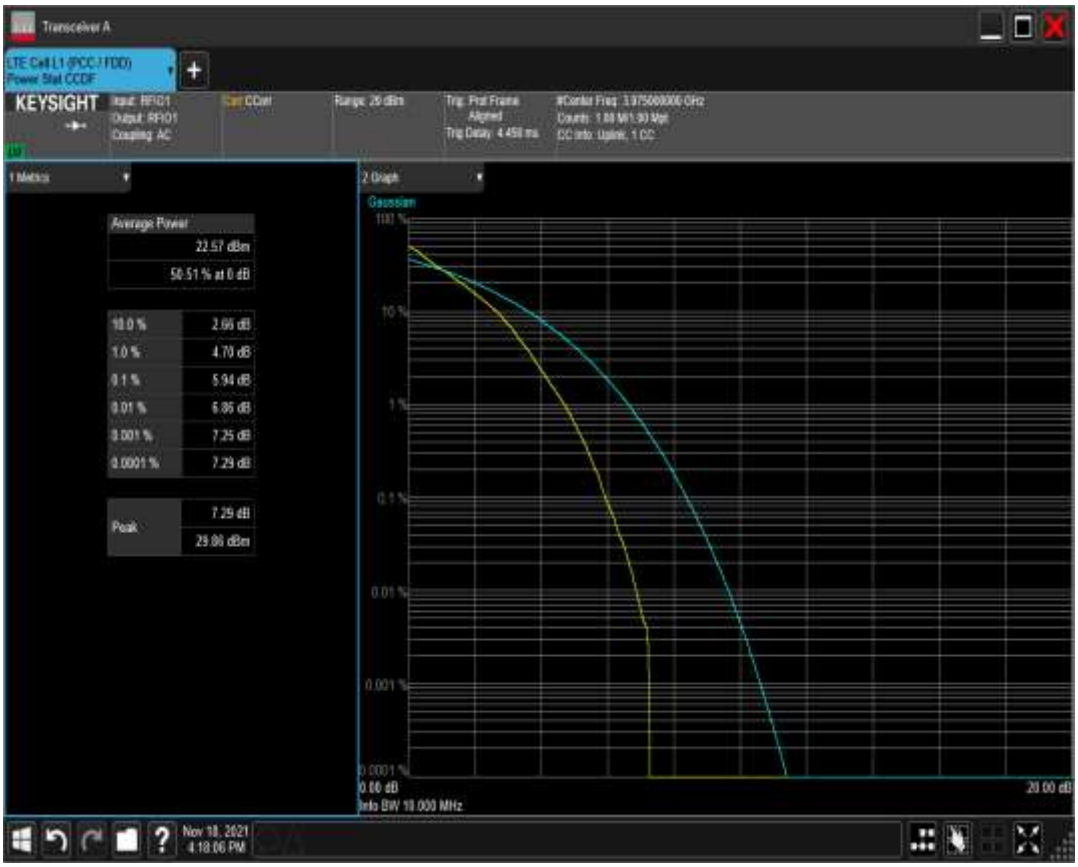
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



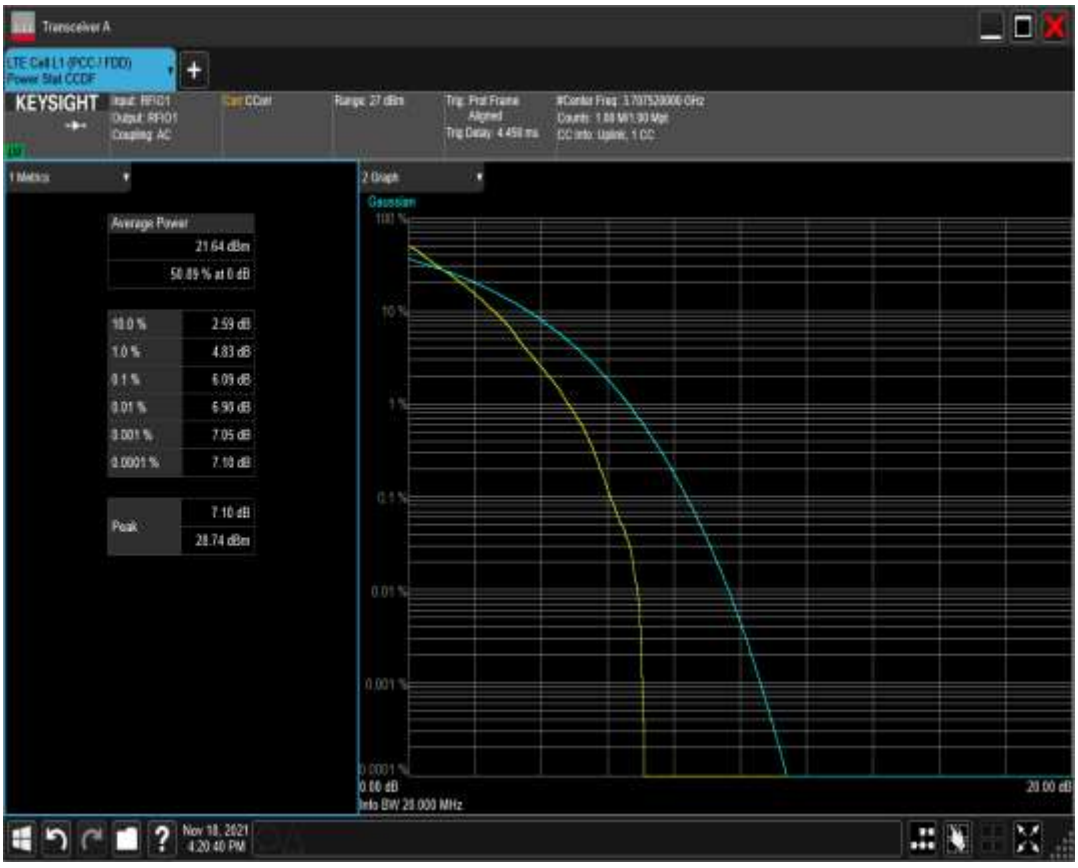
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



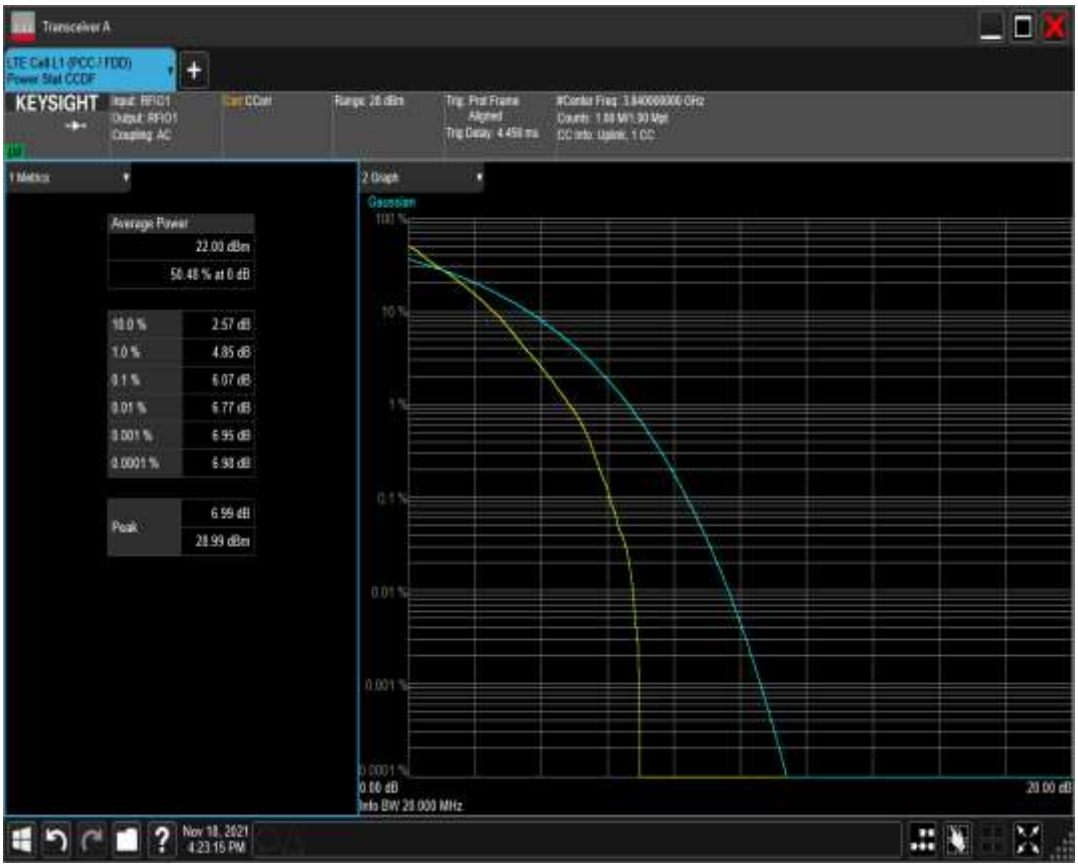
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



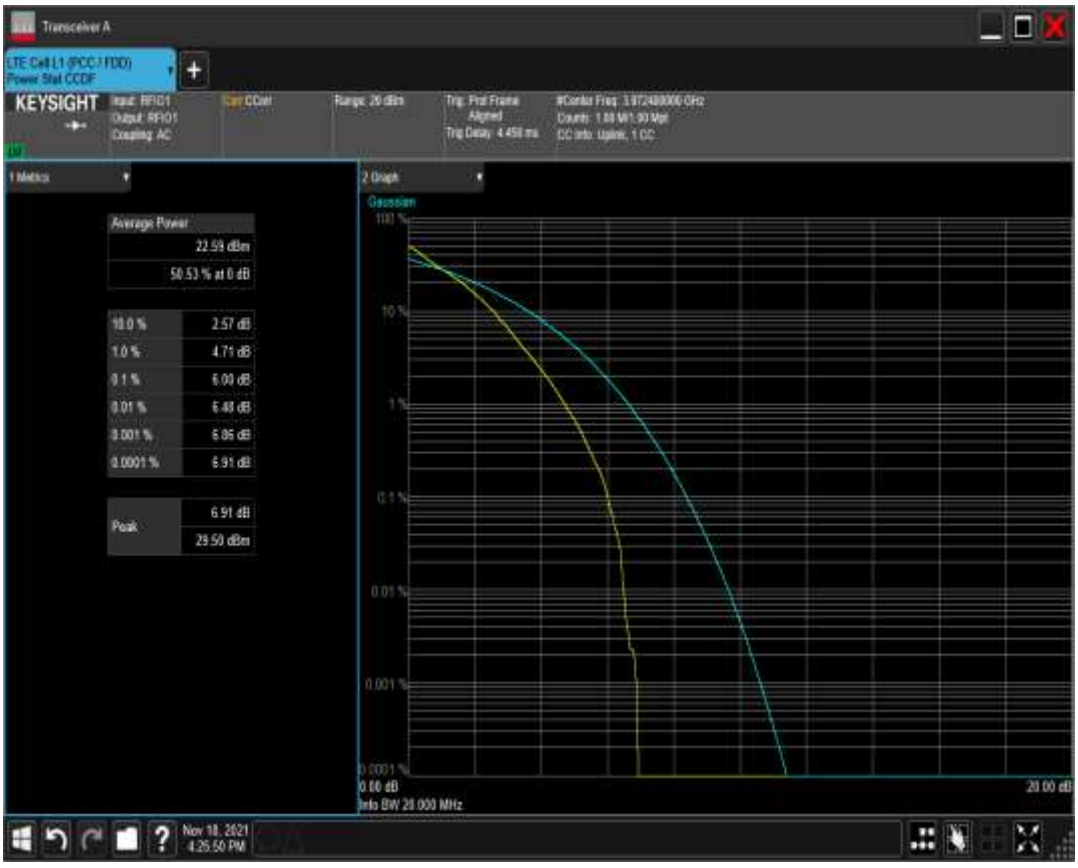
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=647168 RB=36@0



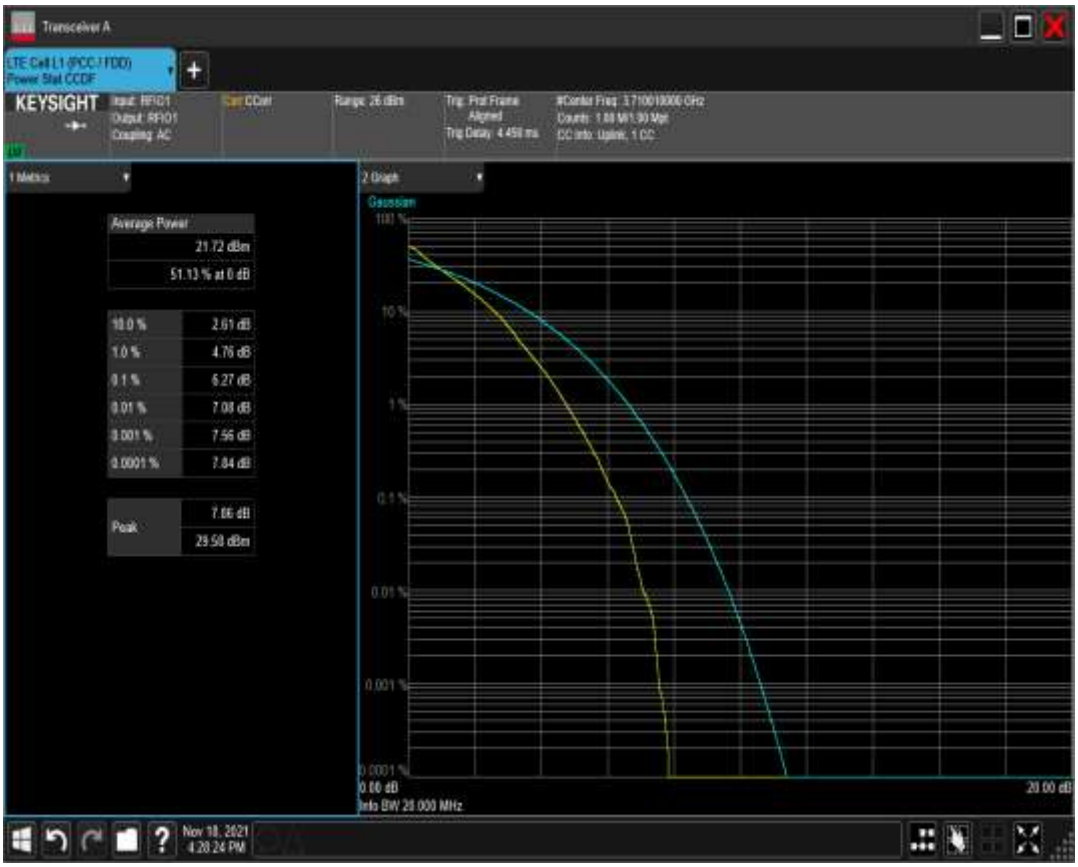
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



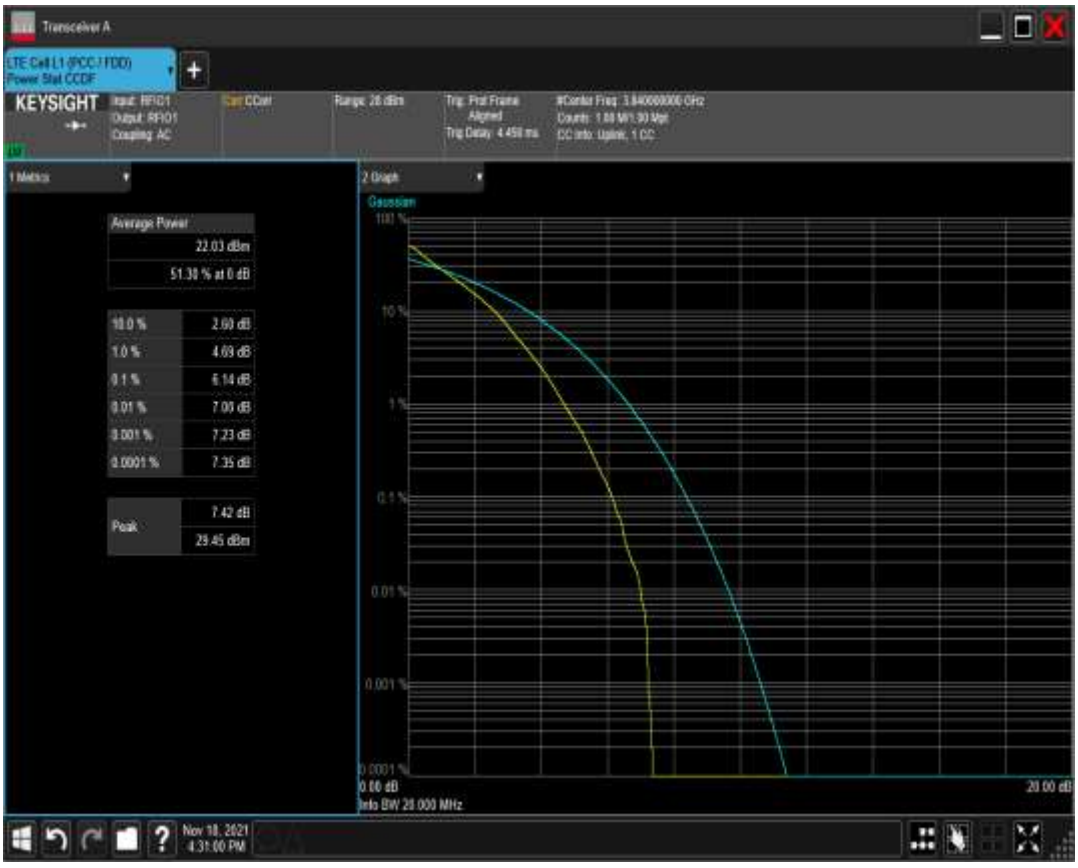
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=664832 RB=36@0



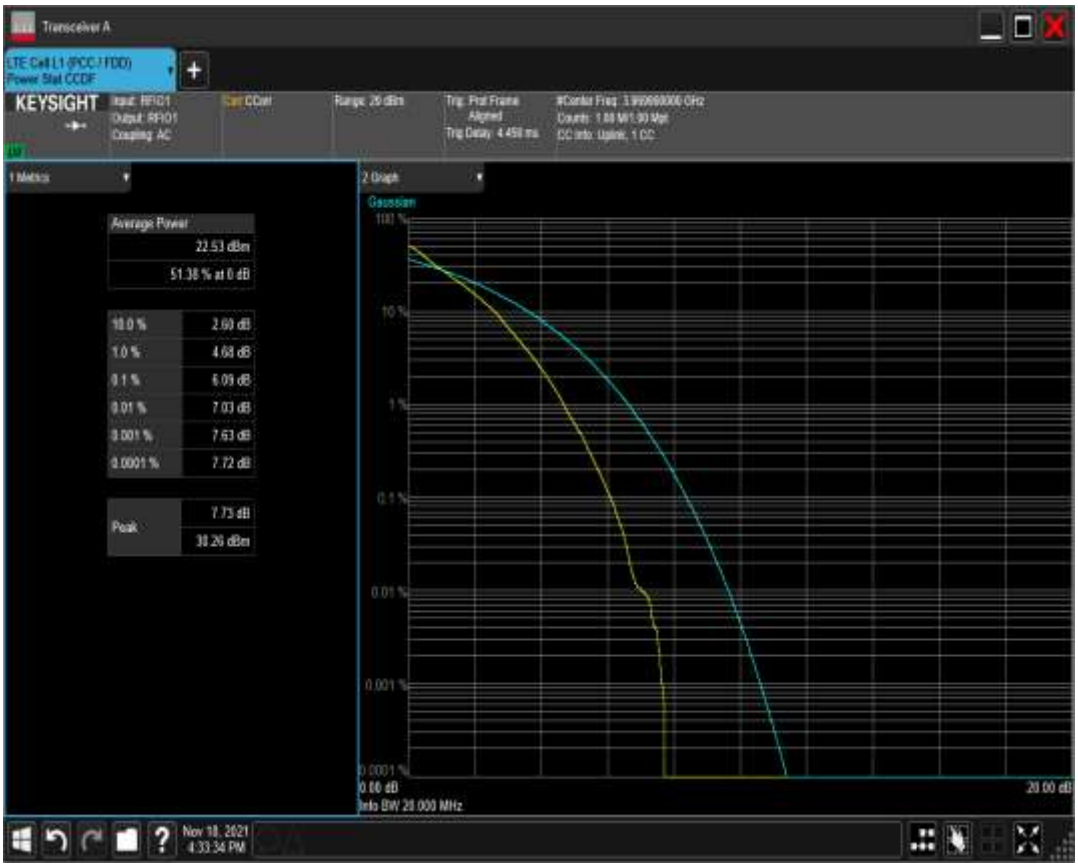
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0



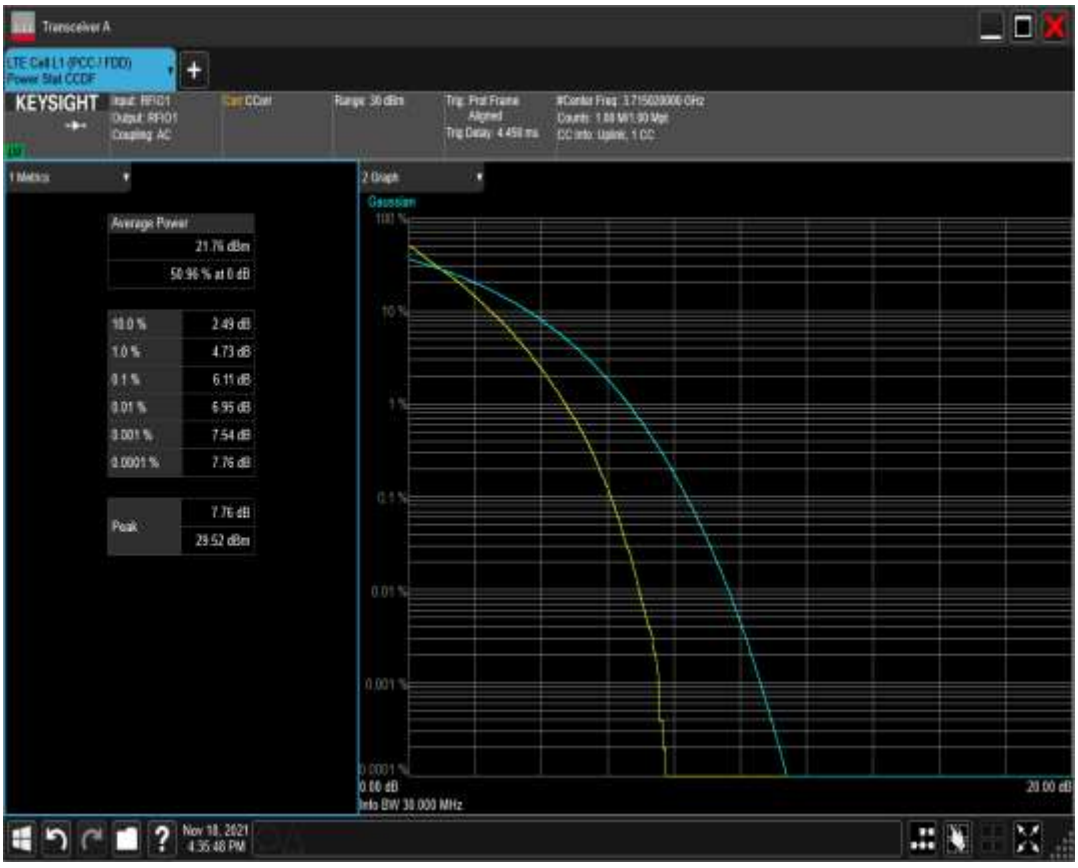
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



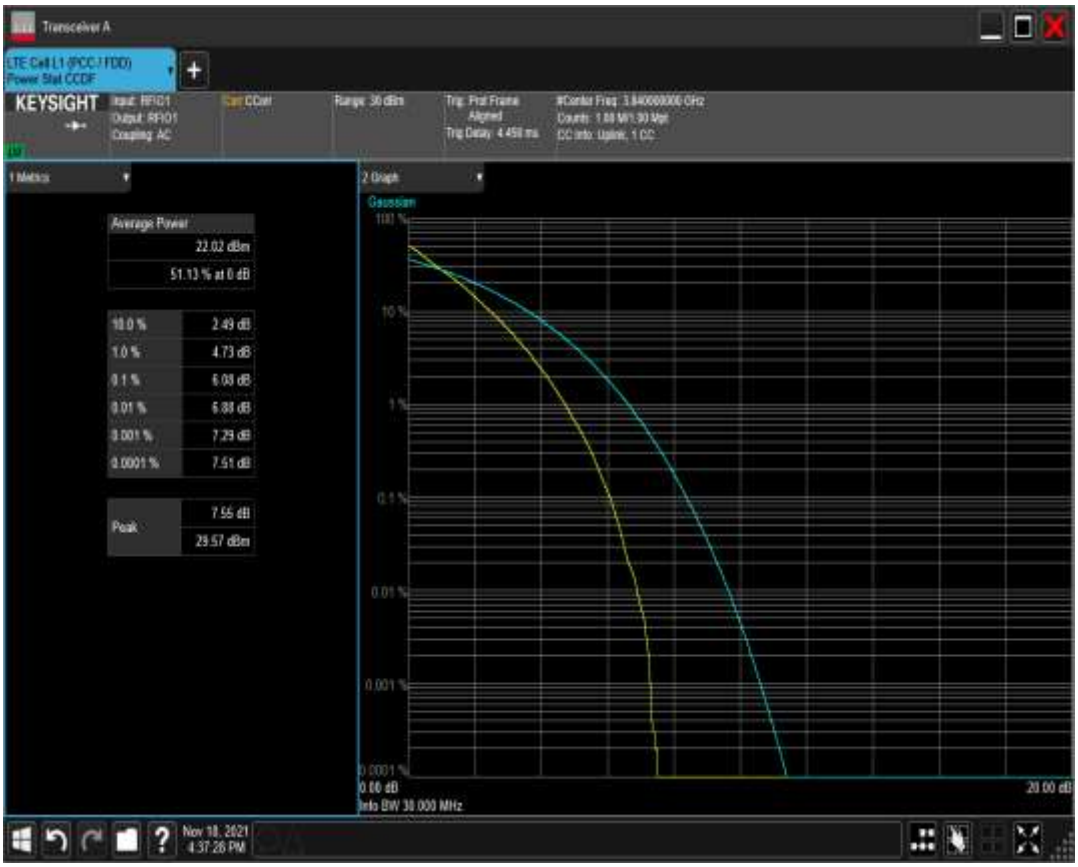
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=664666 RB=50@0



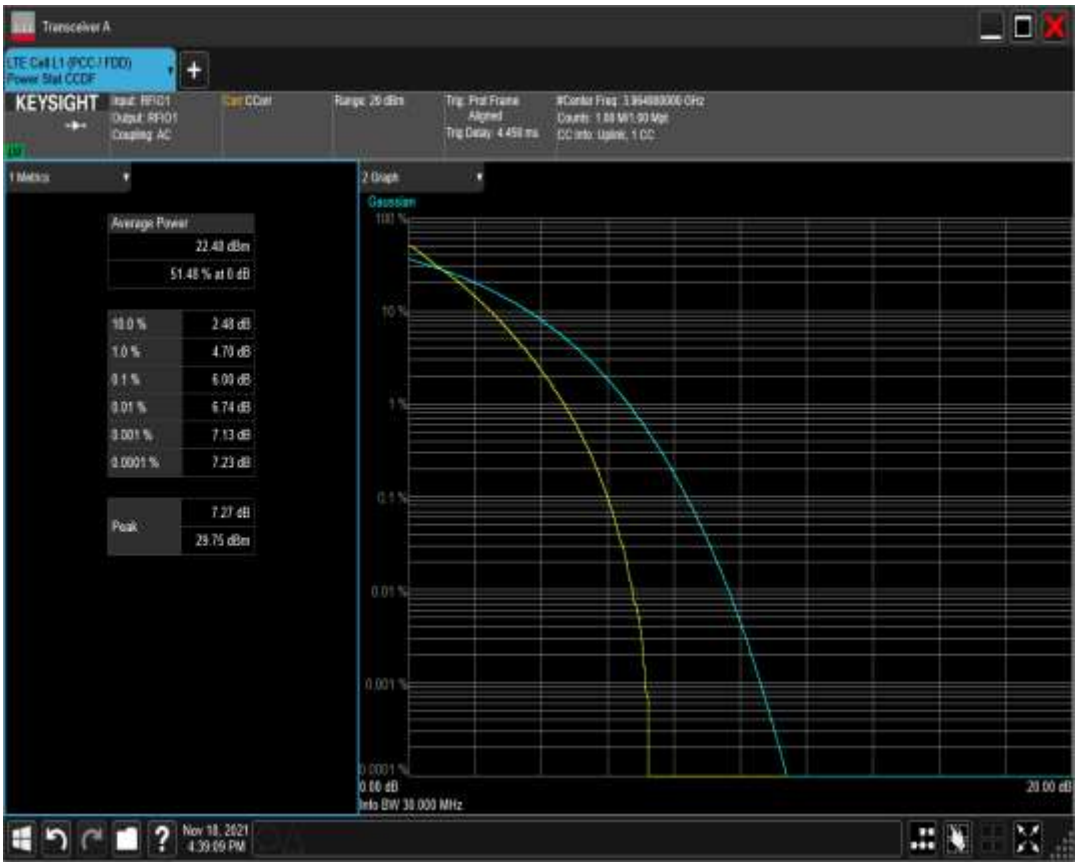
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=647668 RB=75@0



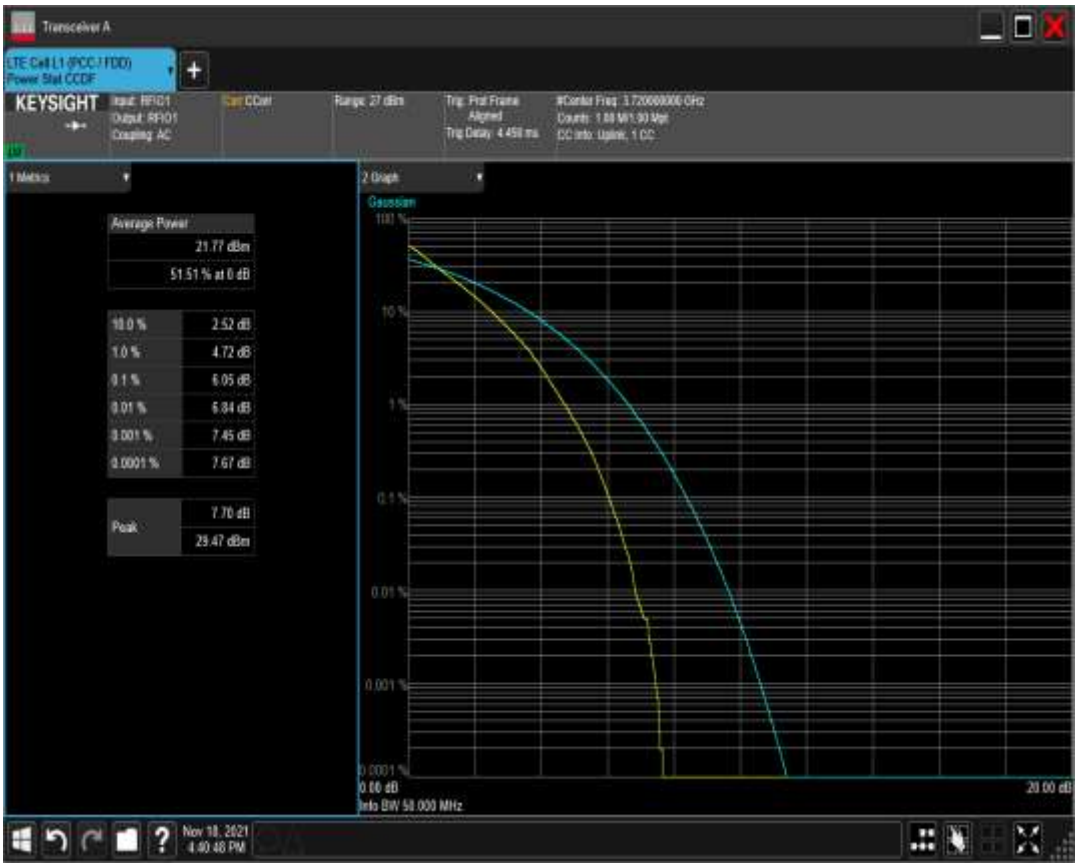
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



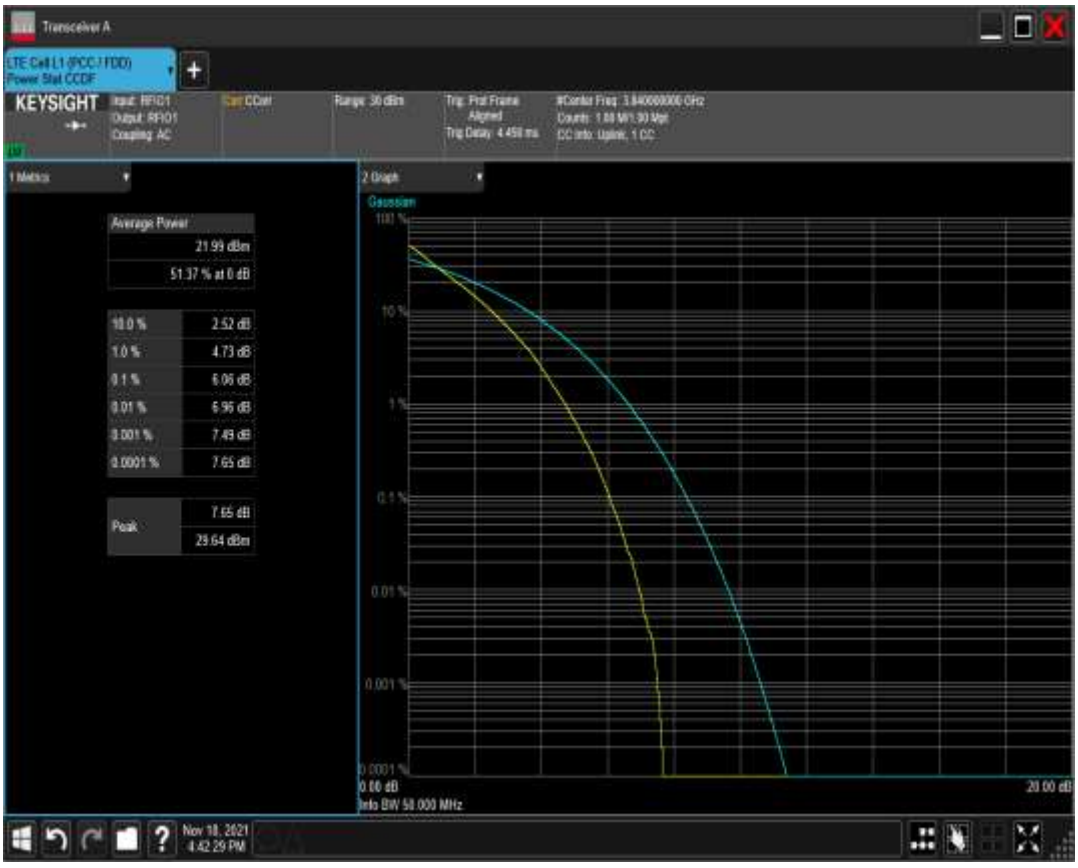
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=664332 RB=75@0



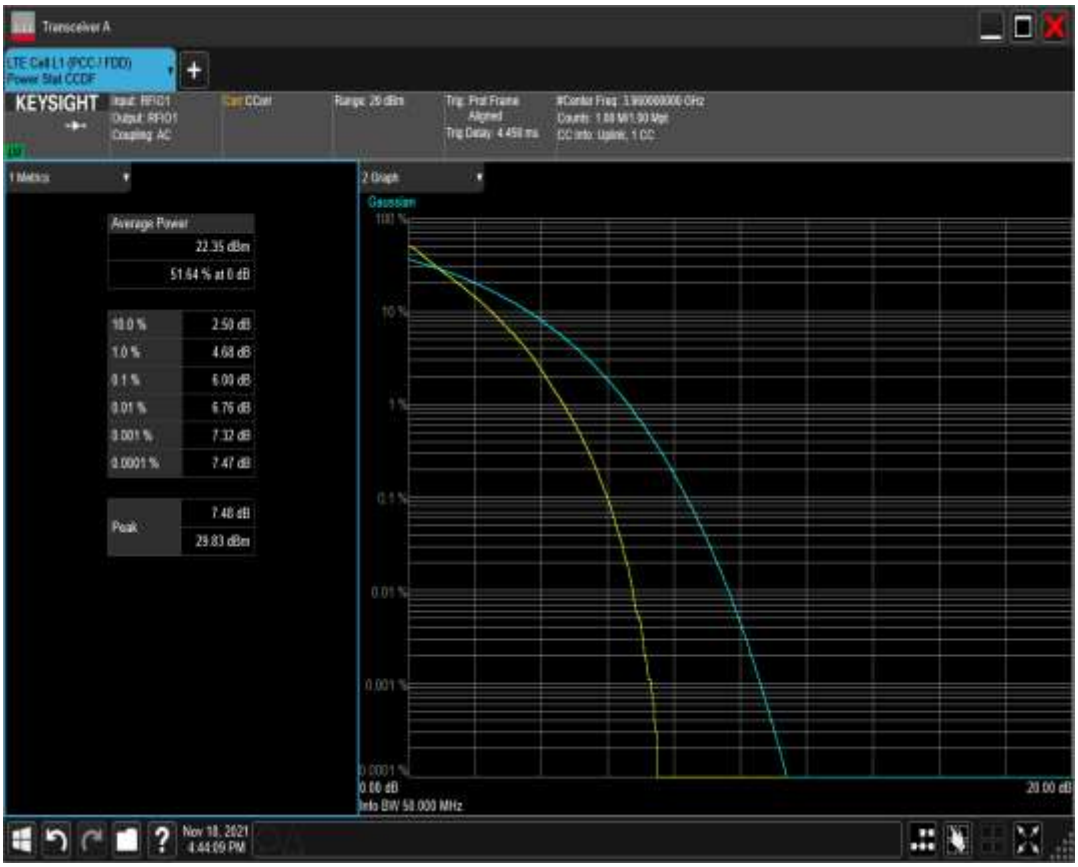
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=648000 RB=100@0



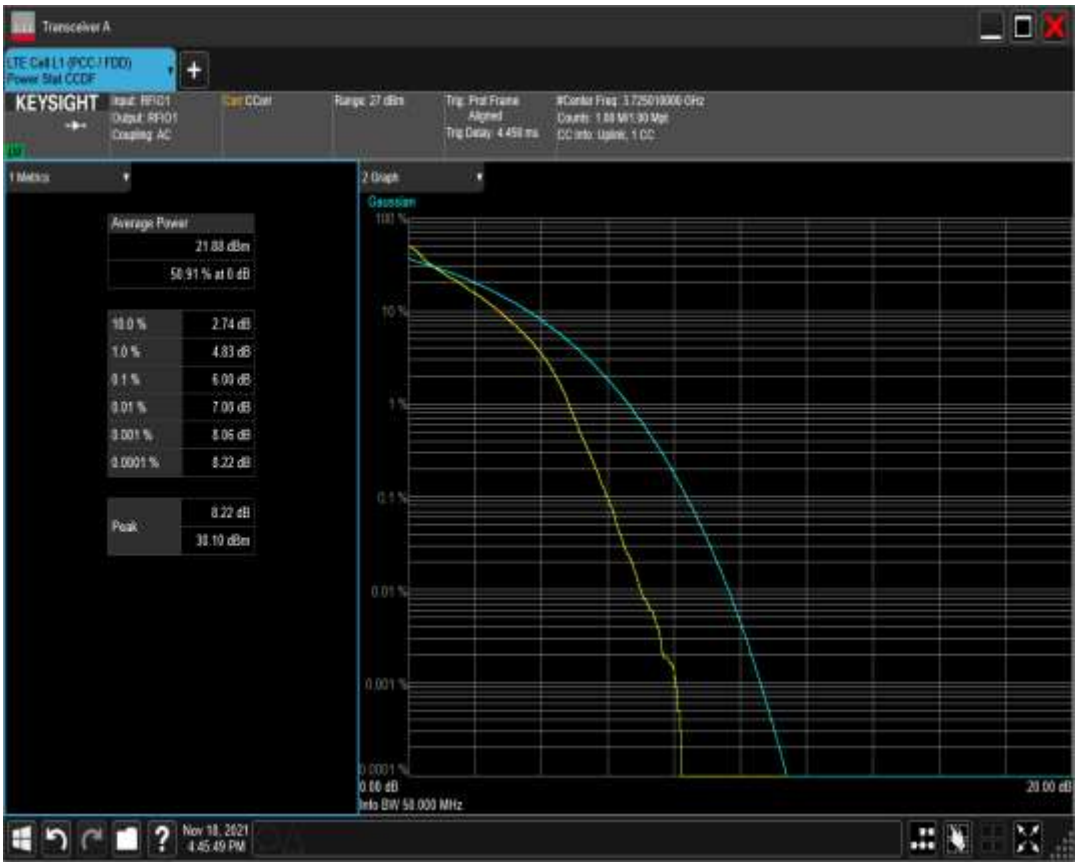
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=656000 RB=100@0



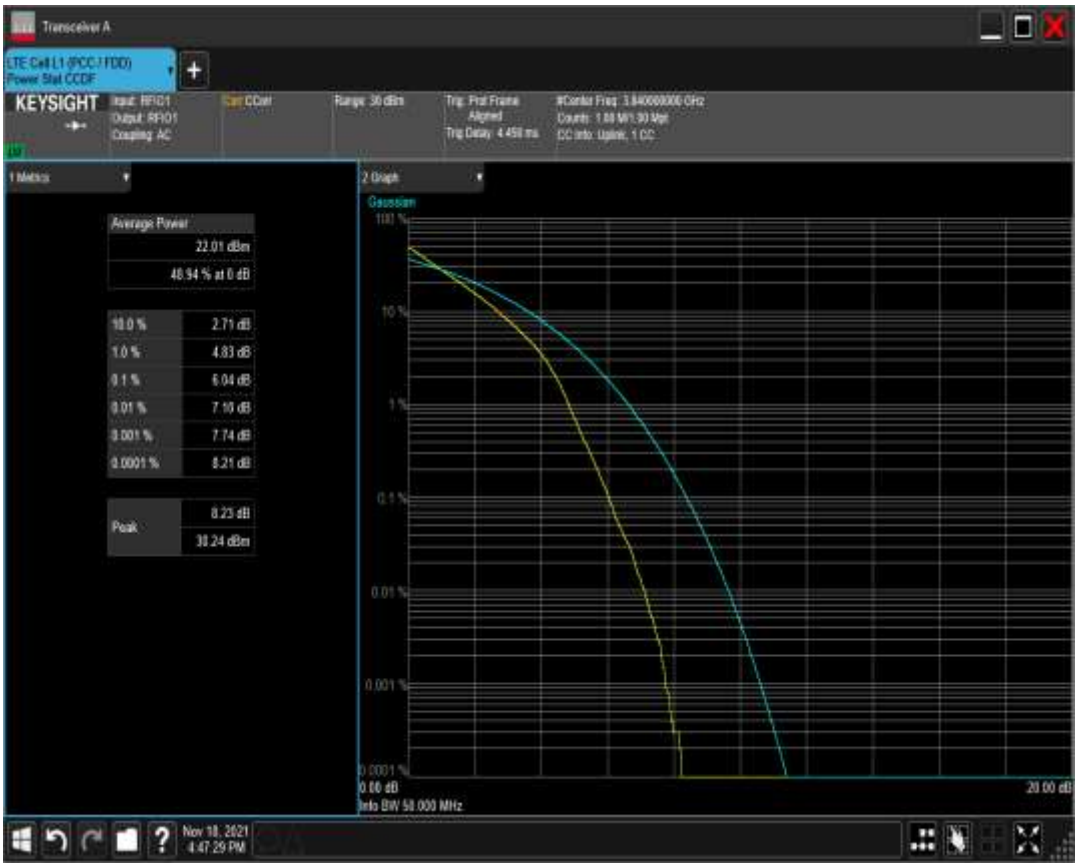
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=664000 RB=100@0



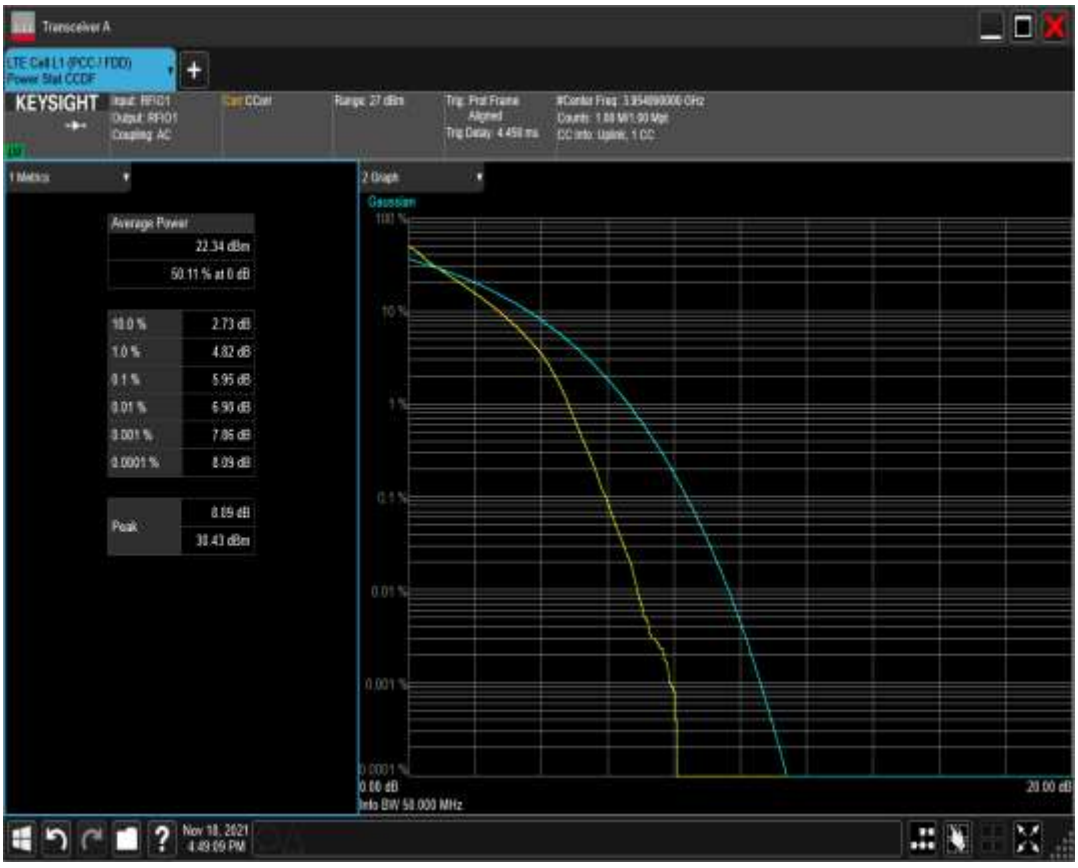
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=648334 RB=128@0



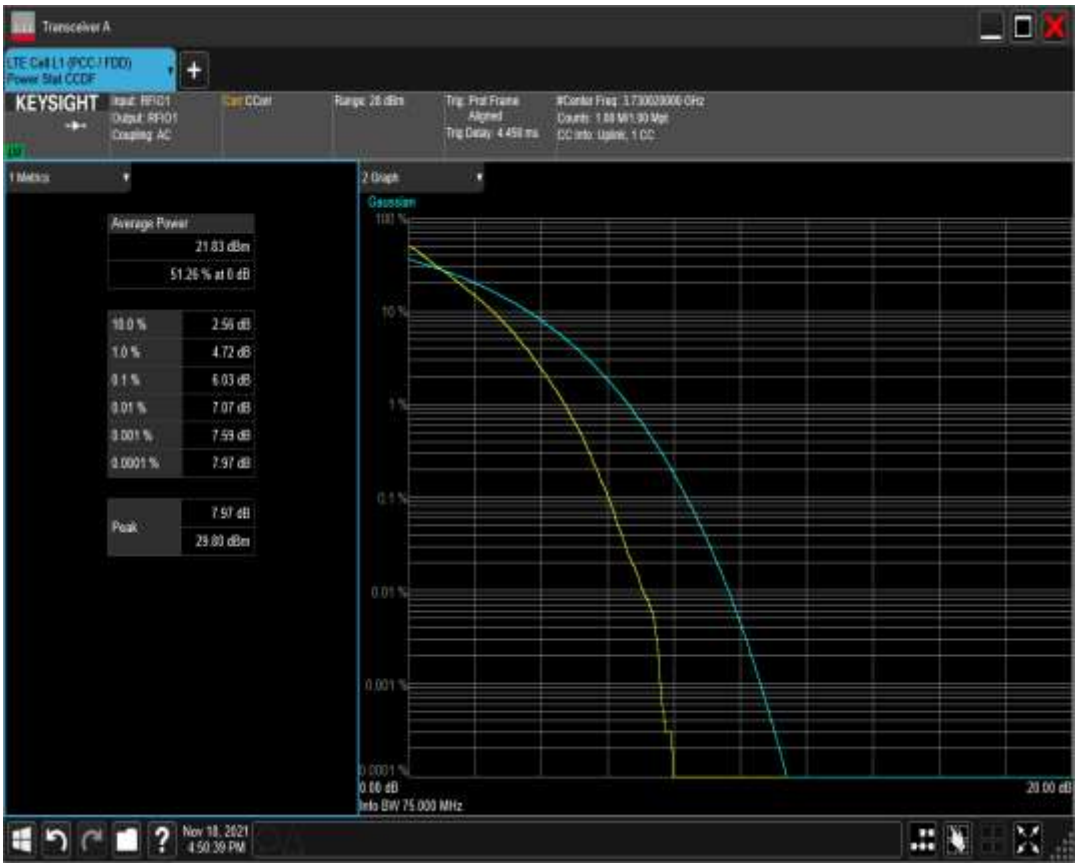
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



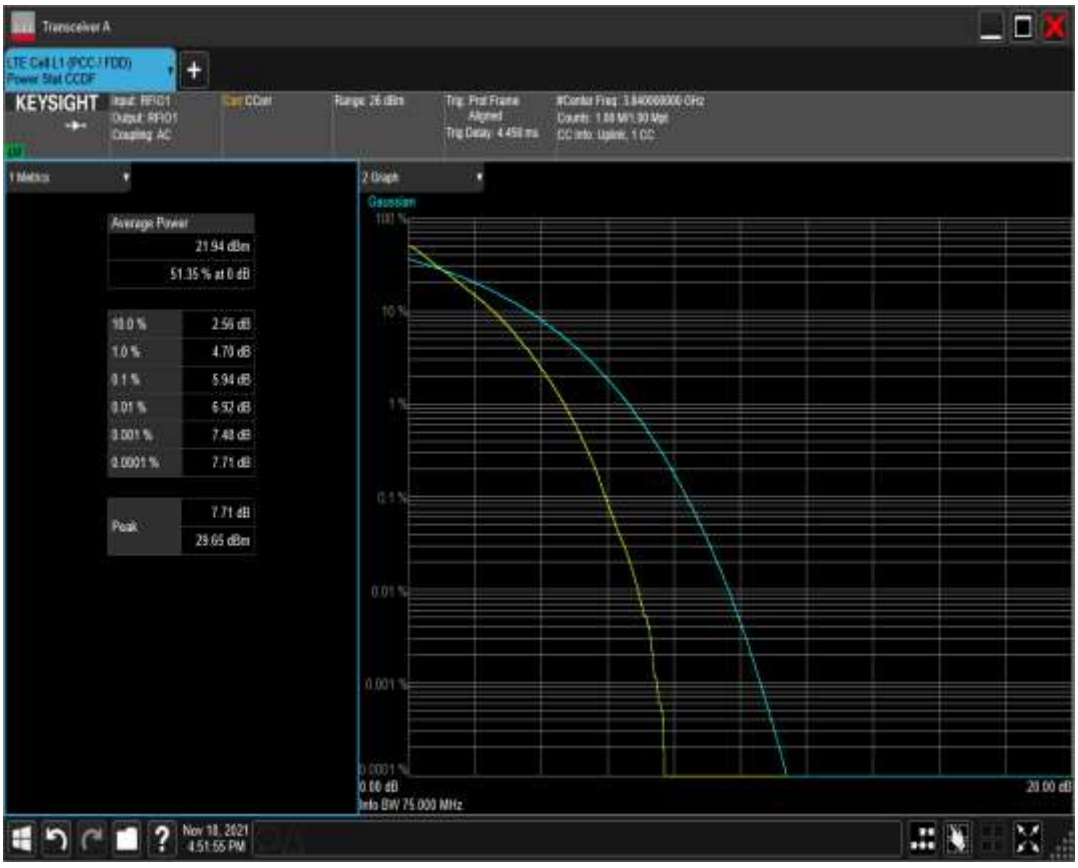
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=663666 RB=128@0



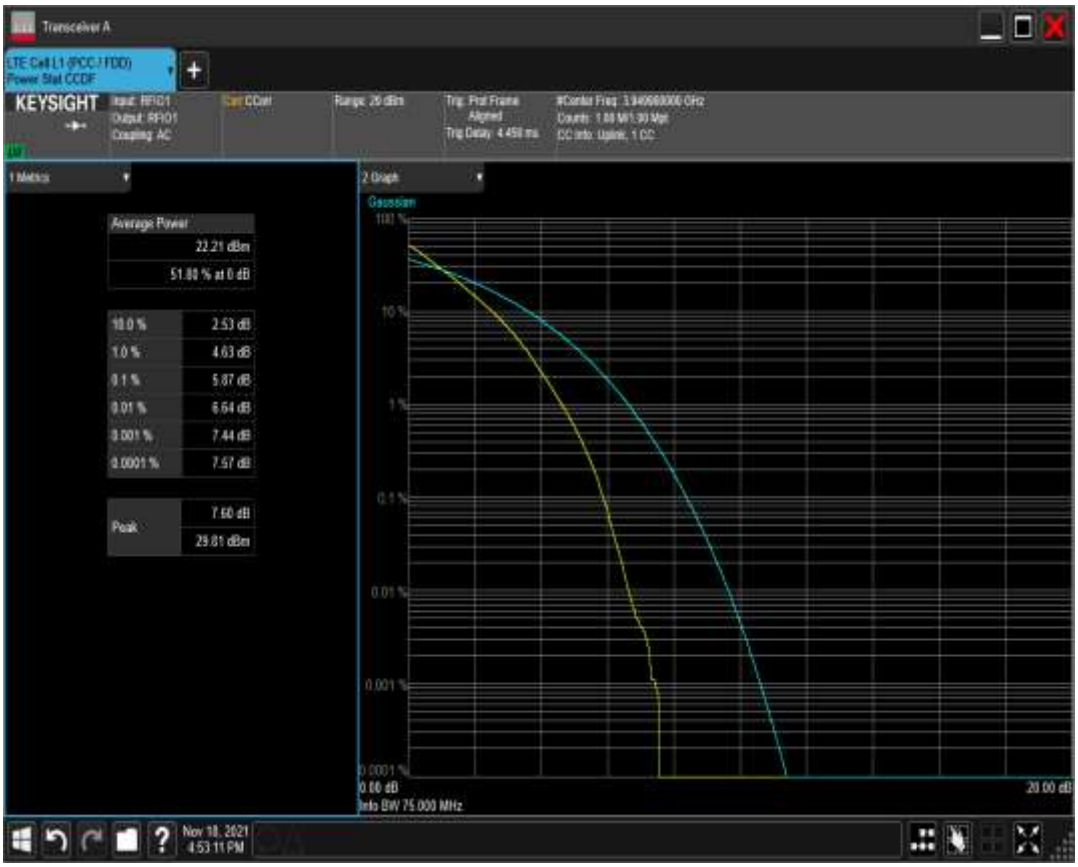
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=648668 RB=162@0



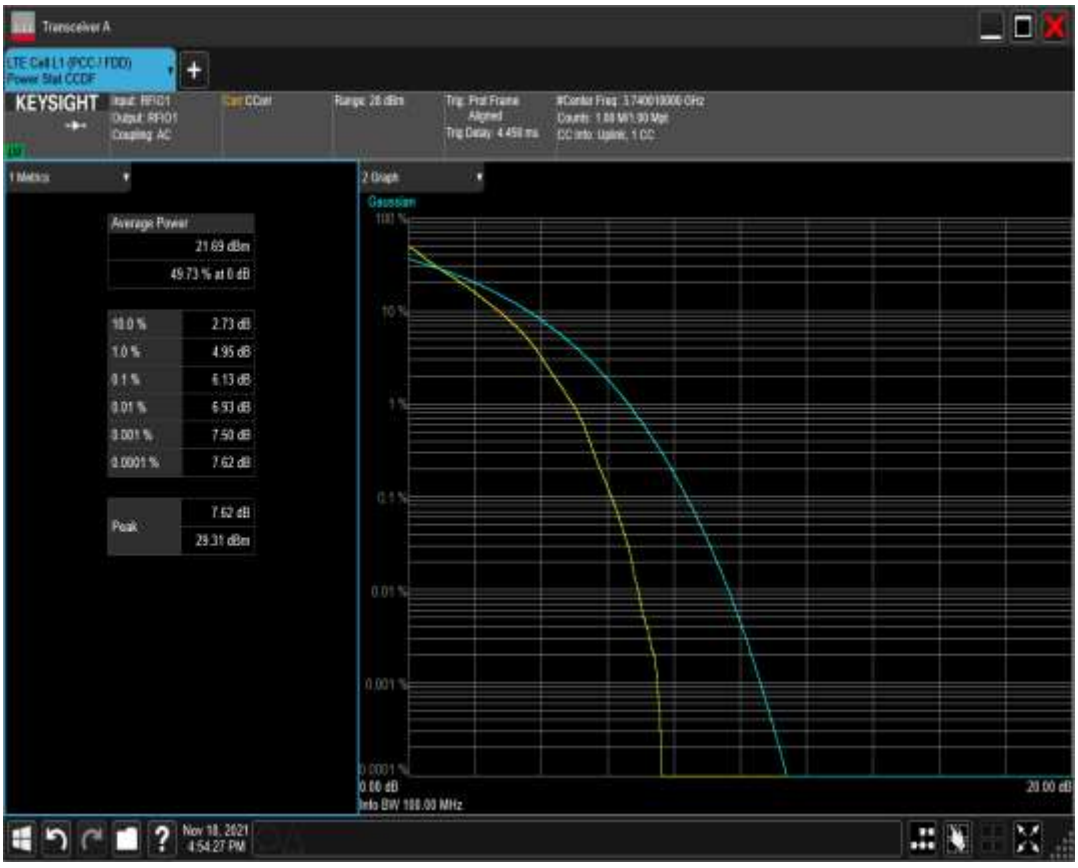
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



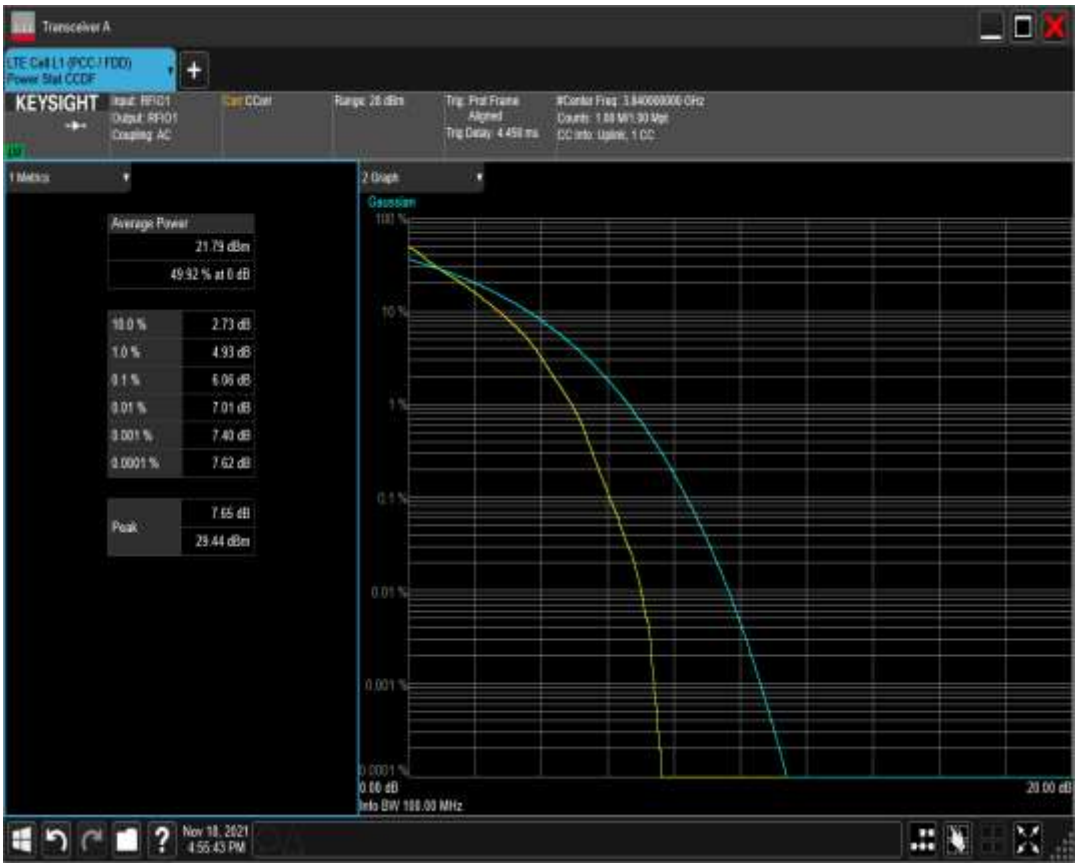
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=663332 RB=162@0



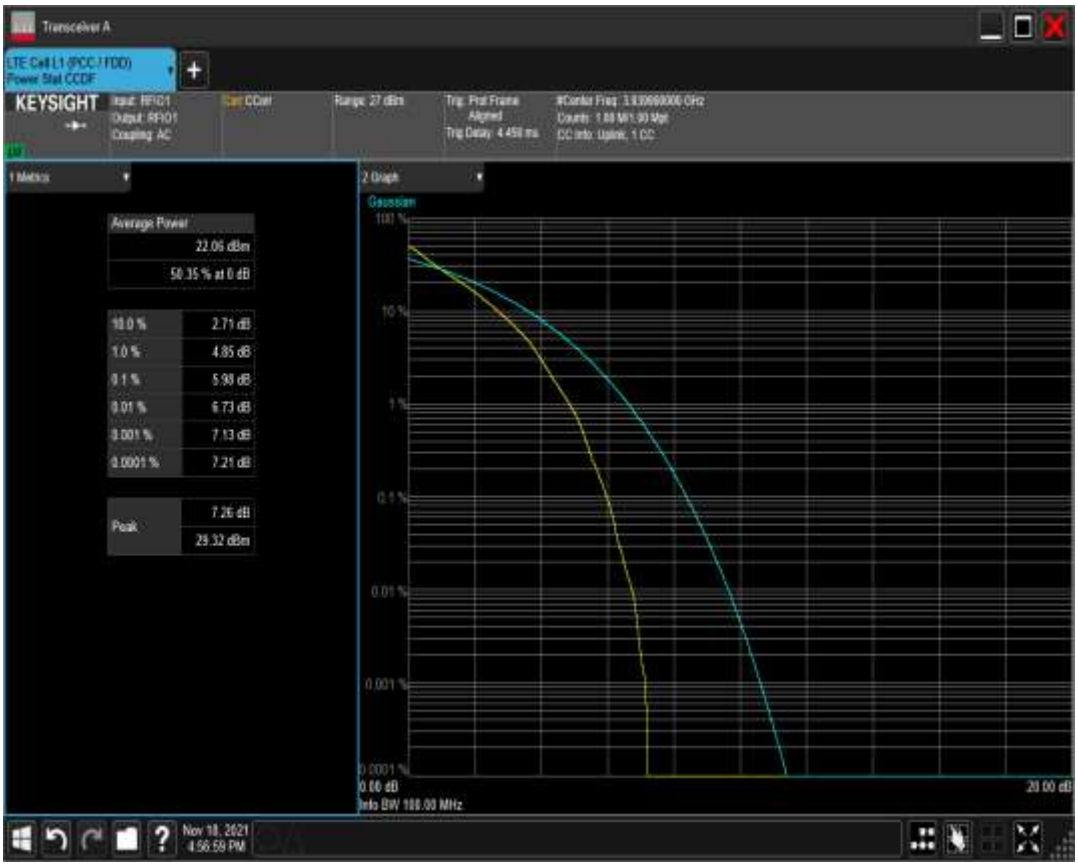
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=649334 RB=216@0



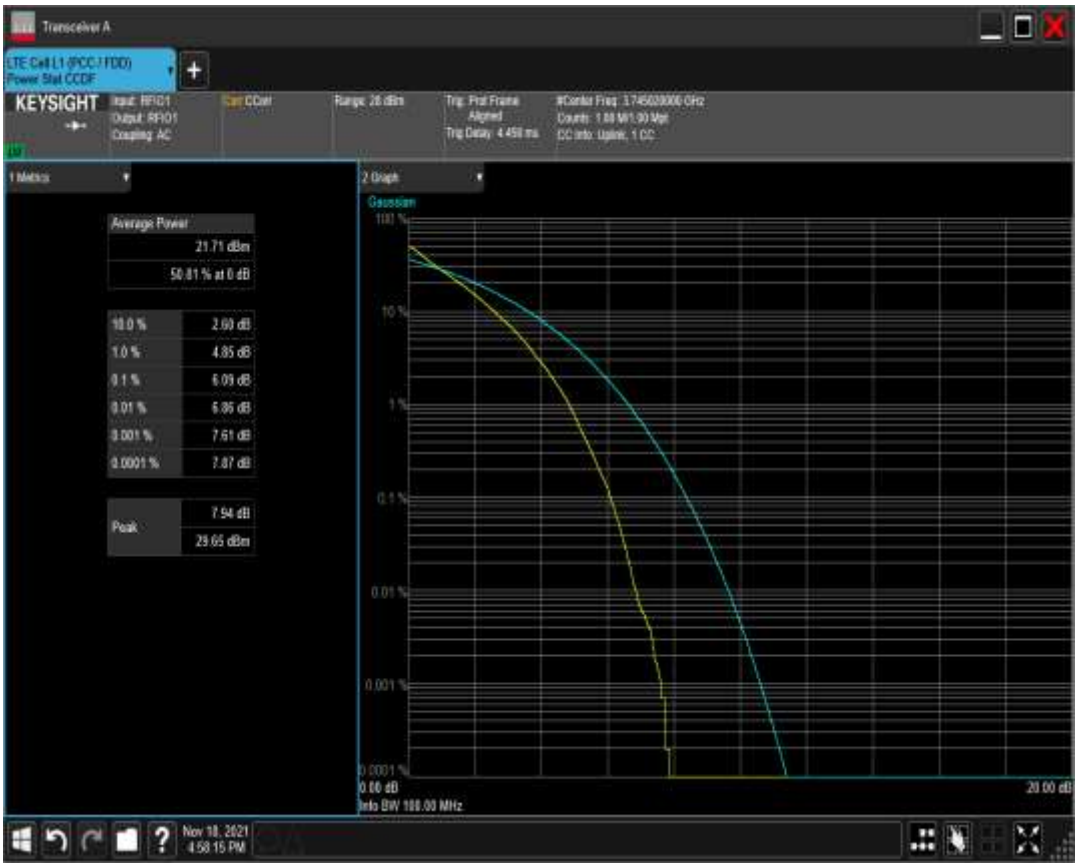
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



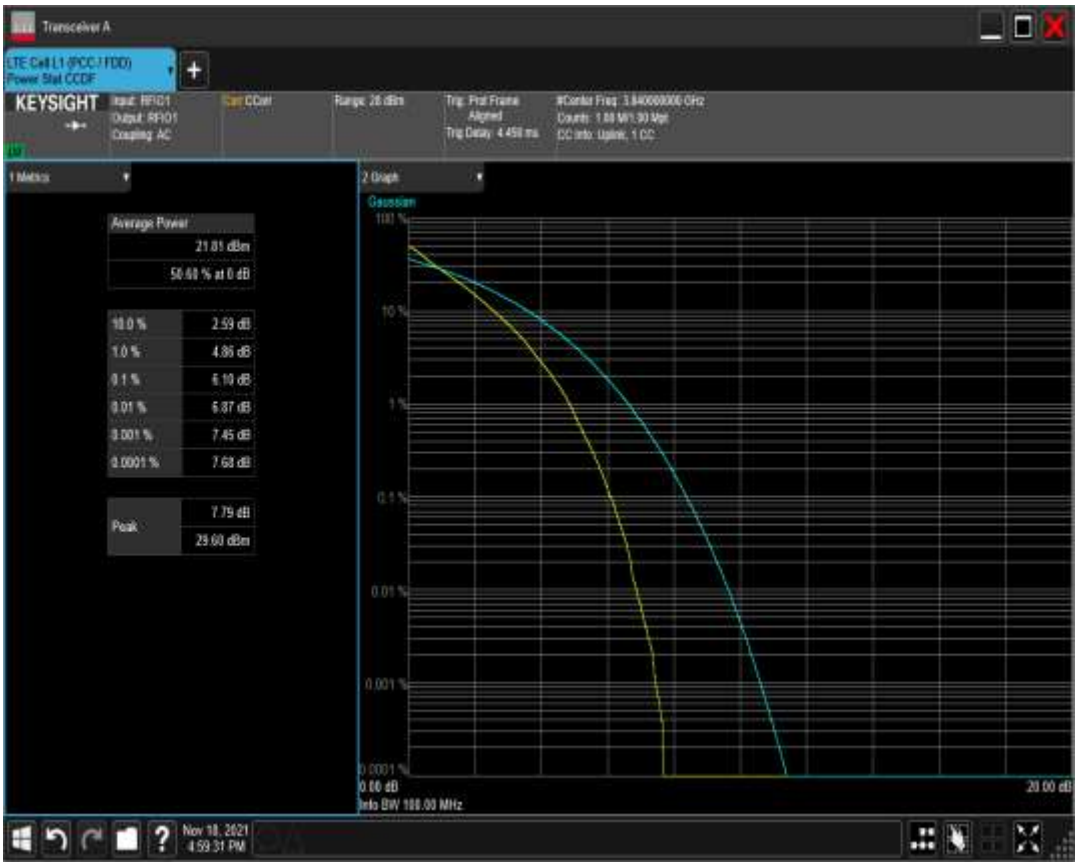
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=662666 RB=216@0



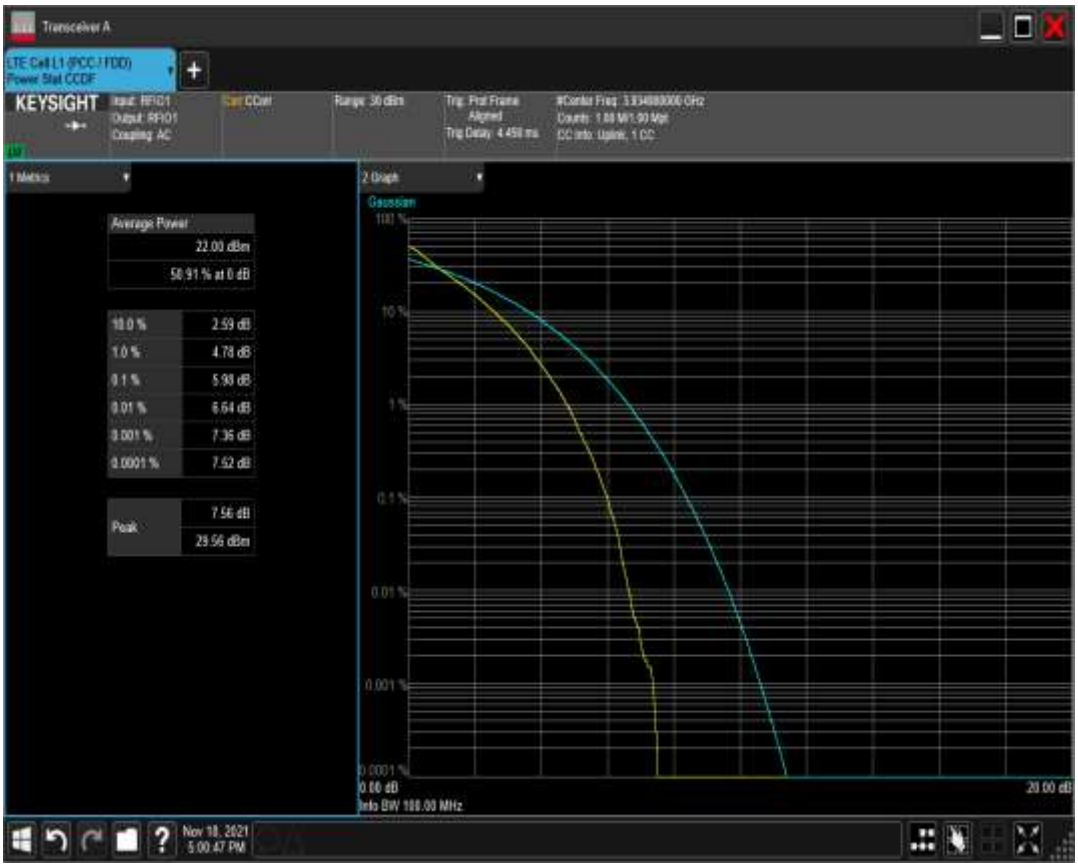
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=649668 RB=240@0



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
n2	15	5	370500	25@0	DFT_BPSK	4.480	4.760	PASS
n2	15	5	370500	25@0	DFT_QPSK	4.490	4.770	PASS
n2	15	5	370500	25@0	DFT_QAM16	4.480	4.760	PASS
n2	15	5	370500	25@0	DFT_QAM64	4.490	4.780	PASS
n2	15	5	370500	25@0	DFT_QAM256	4.490	4.770	PASS
n2	15	5	376000	25@0	DFT_BPSK	4.480	4.750	PASS
n2	15	5	376000	25@0	DFT_QPSK	4.490	4.750	PASS
n2	15	5	376000	25@0	DFT_QAM16	4.510	4.780	PASS
n2	15	5	376000	25@0	DFT_QAM64	4.500	4.780	PASS
n2	15	5	376000	25@0	DFT_QAM256	4.490	4.760	PASS
n2	15	5	381500	25@0	DFT_BPSK	4.480	4.750	PASS
n2	15	5	381500	25@0	DFT_QPSK	4.500	4.770	PASS
n2	15	5	381500	25@0	DFT_QAM16	4.480	4.760	PASS
n2	15	5	381500	25@0	DFT_QAM64	4.500	4.770	PASS
n2	15	5	381500	25@0	DFT_QAM256	4.480	4.760	PASS
n2	15	10	371000	50@0	DFT_BPSK	9.240	9.480	PASS
n2	15	10	371000	50@0	DFT_QPSK	9.210	9.480	PASS
n2	15	10	371000	50@0	DFT_QAM16	9.250	9.480	PASS
n2	15	10	371000	50@0	DFT_QAM64	9.240	9.470	PASS
n2	15	10	371000	50@0	DFT_QAM256	9.220	9.490	PASS

n2	15	10	376000	50@0	DFT_BPSK	9.210	9.480	PASS
n2	15	10	376000	50@0	DFT_QPSK	9.180	9.470	PASS
n2	15	10	376000	50@0	DFT_QAM16	9.220	9.480	PASS
n2	15	10	376000	50@0	DFT_QAM64	9.210	9.470	PASS
n2	15	10	376000	50@0	DFT_QAM256	9.180	9.470	PASS
n2	15	10	381000	50@0	DFT_BPSK	9.250	9.480	PASS
n2	15	10	381000	50@0	DFT_QPSK	9.240	9.490	PASS
n2	15	10	381000	50@0	DFT_QAM16	9.250	9.490	PASS
n2	15	10	381000	50@0	DFT_QAM64	9.250	9.490	PASS
n2	15	10	381000	50@0	DFT_QAM256	9.210	9.480	PASS
n2	15	15	371500	75@0	DFT_BPSK	14.000	14.210	PASS
n2	15	15	371500	75@0	DFT_QPSK	14.000	14.210	PASS
n2	15	15	371500	75@0	DFT_QAM16	14.050	14.200	PASS
n2	15	15	371500	75@0	DFT_QAM64	14.050	14.210	PASS
n2	15	15	371500	75@0	DFT_QAM256	14.040	14.200	PASS
n2	15	15	376000	75@0	DFT_BPSK	13.940	14.200	PASS
n2	15	15	376000	75@0	DFT_QPSK	13.990	14.210	PASS
n2	15	15	376000	75@0	DFT_QAM16	14.050	14.210	PASS
n2	15	15	376000	75@0	DFT_QAM64	13.990	14.220	PASS
n2	15	15	376000	75@0	DFT_QAM256	14.000	14.200	PASS
n2	15	15	380500	75@0	DFT_BPSK	14.050	14.210	PASS
n2	15	15	380500	75@0	DFT_QPSK	14.050	14.210	PASS
n2	15	15	380500	75@0	DFT_QAM16	14.100	14.210	PASS
n2	15	15	380500	75@0	DFT_QAM64	14.060	14.220	PASS
n2	15	15	380500	75@0	DFT_QAM256	14.060	14.190	PASS
n2	15	20	372000	100@0	DFT_BPSK	18.750	18.920	PASS
n2	15	20	372000	100@0	DFT_QPSK	18.810	18.910	PASS
n2	15	20	372000	100@0	DFT_QAM16	18.810	18.890	PASS
n2	15	20	372000	100@0	DFT_QAM64	18.750	18.890	PASS
n2	15	20	372000	100@0	DFT_QAM256	18.800	18.900	PASS
n2	15	20	376000	100@0	DFT_BPSK	18.720	18.910	PASS
n2	15	20	376000	100@0	DFT_QPSK	18.740	18.920	PASS
n2	15	20	376000	100@0	DFT_QAM16	18.740	18.890	PASS
n2	15	20	376000	100@0	DFT_QAM64	18.720	18.900	PASS
n2	15	20	376000	100@0	DFT_QAM256	18.750	18.920	PASS
n2	15	20	380000	100@0	DFT_BPSK	18.810	18.910	PASS
n2	15	20	380000	100@0	DFT_QPSK	18.830	18.910	PASS
n2	15	20	380000	100@0	DFT_QAM16	18.820	18.920	PASS
n2	15	20	380000	100@0	DFT_QAM64	18.830	18.920	PASS
n2	15	20	380000	100@0	DFT_QAM256	18.820	18.910	PASS
n41	30	20	501204	50@0	DFT_BPSK	18.020	18.930	PASS
n41	30	20	501204	50@0	DFT_QPSK	18.040	18.950	PASS
n41	30	20	501204	50@0	DFT_QAM16	18.020	18.950	PASS
n41	30	20	501204	50@0	DFT_QAM64	18.030	18.950	PASS

n41	30	20	501204	50@0	DFT_QAM256	18.020	18.920	PASS
n41	30	20	518598	50@0	DFT_BPSK	18.090	18.950	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.110	18.970	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.100	18.970	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.110	18.970	PASS
n41	30	20	518598	50@0	DFT_QAM256	18.100	18.920	PASS
n41	30	20	535998	50@0	DFT_BPSK	18.090	18.980	PASS
n41	30	20	535998	50@0	DFT_QPSK	18.120	19.030	PASS
n41	30	20	535998	50@0	DFT_QAM16	18.090	19.000	PASS
n41	30	20	535998	50@0	DFT_QAM64	18.100	19.010	PASS
n41	30	20	535998	50@0	DFT_QAM256	18.090	18.930	PASS
n41	30	40	503202	100@0	DFT_BPSK	37.280	37.920	PASS
n41	30	40	503202	100@0	DFT_QPSK	37.300	37.880	PASS
n41	30	40	503202	100@0	DFT_QAM16	37.190	37.860	PASS
n41	30	40	503202	100@0	DFT_QAM64	37.320	37.880	PASS
n41	30	40	503202	100@0	DFT_QAM256	37.330	37.850	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.500	37.930	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.600	37.950	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.520	37.910	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.630	37.930	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.640	37.890	PASS
n41	30	40	534000	100@0	DFT_BPSK	37.810	39.100	PASS
n41	30	40	534000	100@0	DFT_QPSK	37.840	41.900	PASS
n41	30	40	534000	100@0	DFT_QAM16	37.820	38.090	PASS
n41	30	40	534000	100@0	DFT_QAM64	37.820	38.010	PASS
n41	30	40	534000	100@0	DFT_QAM256	37.780	37.880	PASS
n41	30	50	504204	128@0	DFT_BPSK	46.630	48.400	PASS
n41	30	50	504204	128@0	DFT_QPSK	46.650	48.400	PASS
n41	30	50	504204	128@0	DFT_QAM16	46.600	48.360	PASS
n41	30	50	504204	128@0	DFT_QAM64	46.660	48.400	PASS
n41	30	50	504204	128@0	DFT_QAM256	46.640	48.330	PASS
n41	30	50	518598	128@0	DFT_BPSK	47.020	48.440	PASS
n41	30	50	518598	128@0	DFT_QPSK	47.100	48.520	PASS
n41	30	50	518598	128@0	DFT_QAM16	47.070	48.460	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.220	48.460	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.070	48.410	PASS
n41	30	50	532998	128@0	DFT_BPSK	47.480	56.650	PASS
n41	30	50	532998	128@0	DFT_QPSK	47.640	57.400	PASS
n41	30	50	532998	128@0	DFT_QAM16	47.490	48.720	PASS
n41	30	50	532998	128@0	DFT_QAM64	47.480	48.580	PASS
n41	30	50	532998	128@0	DFT_QAM256	47.440	48.380	PASS
n41	30	60	505200	162@0	DFT_BPSK	57.880	60.970	PASS
n41	30	60	505200	162@0	DFT_QPSK	57.890	61.020	PASS
n41	30	60	505200	162@0	DFT_QAM16	57.890	60.980	PASS

n41	30	60	505200	162@0	DFT_QAM64	57.920	60.990	PASS
n41	30	60	505200	162@0	DFT_QAM256	57.880	60.930	PASS
n41	30	60	518598	162@0	DFT_BPSK	58.090	61.070	PASS
n41	30	60	518598	162@0	DFT_QPSK	58.090	61.100	PASS
n41	30	60	518598	162@0	DFT_QAM16	58.090	61.080	PASS
n41	30	60	518598	162@0	DFT_QAM64	58.130	61.100	PASS
n41	30	60	518598	162@0	DFT_QAM256	58.130	61.060	PASS
n41	30	60	531996	162@0	DFT_BPSK	58.150	61.410	PASS
n41	30	60	531996	162@0	DFT_QPSK	58.160	61.410	PASS
n41	30	60	531996	162@0	DFT_QAM16	58.140	61.160	PASS
n41	30	60	531996	162@0	DFT_QAM64	58.160	61.110	PASS
n41	30	60	531996	162@0	DFT_QAM256	58.110	60.970	PASS
n41	30	80	507204	216@0	DFT_BPSK	77.170	81.310	PASS
n41	30	80	507204	216@0	DFT_QPSK	77.130	81.330	PASS
n41	30	80	507204	216@0	DFT_QAM16	77.190	81.340	PASS
n41	30	80	507204	216@0	DFT_QAM64	77.210	81.340	PASS
n41	30	80	507204	216@0	DFT_QAM256	77.190	81.330	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.500	81.480	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.460	81.520	PASS
n41	30	80	518598	216@0	DFT_QAM16	77.510	81.480	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.530	81.460	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.520	81.430	PASS
n41	30	80	529998	216@0	DFT_BPSK	77.460	81.320	PASS
n41	30	80	529998	216@0	DFT_QPSK	77.260	81.340	PASS
n41	30	80	529998	216@0	DFT_QAM16	77.480	81.370	PASS
n41	30	80	529998	216@0	DFT_QAM64	77.500	81.380	PASS
n41	30	80	529998	216@0	DFT_QAM256	77.490	81.370	PASS
n41	30	90	508200	240@0	DFT_BPSK	85.820	90.400	PASS
n41	30	90	508200	240@0	DFT_QPSK	85.830	90.470	PASS
n41	30	90	508200	240@0	DFT_QAM16	86.110	90.510	PASS
n41	30	90	508200	240@0	DFT_QAM64	86.080	90.500	PASS
n41	30	90	508200	240@0	DFT_QAM256	85.830	90.470	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.550	90.730	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.560	90.790	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.840	90.700	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.810	90.660	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.580	90.610	PASS
n41	30	90	528996	240@0	DFT_BPSK	86.800	90.430	PASS
n41	30	90	528996	240@0	DFT_QPSK	86.580	90.480	PASS
n41	30	90	528996	240@0	DFT_QAM16	86.840	90.580	PASS
n41	30	90	528996	240@0	DFT_QAM64	86.850	90.500	PASS
n41	30	90	528996	240@0	DFT_QAM256	86.810	90.490	PASS
n41	30	100	509202	270@0	DFT_BPSK	96.150	101.600	PASS
n41	30	100	509202	270@0	DFT_QPSK	96.140	101.670	PASS

n41	30	100	509202	270@0	DFT_QAM16	96.190	101.670	PASS
n41	30	100	509202	270@0	DFT_QAM64	96.200	101.670	PASS
n41	30	100	509202	270@0	DFT_QAM256	96.190	101.590	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.860	101.930	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.840	102.040	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.880	101.840	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.890	101.790	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.900	101.720	PASS
n41	30	100	528000	270@0	DFT_BPSK	96.800	101.630	PASS
n41	30	100	528000	270@0	DFT_QPSK	96.590	101.680	PASS
n41	30	100	528000	270@0	DFT_QAM16	96.850	101.720	PASS
n41	30	100	528000	270@0	DFT_QAM64	96.860	101.660	PASS
n41	30	100	528000	270@0	DFT_QAM256	96.880	101.590	PASS
n5	15	5	165300	25@0	DFT_BPSK	4.490	4.750	PASS
n5	15	5	165300	25@0	DFT_QPSK	4.500	4.770	PASS
n5	15	5	165300	25@0	DFT_QAM16	4.480	4.760	PASS
n5	15	5	165300	25@0	DFT_QAM64	4.500	4.770	PASS
n5	15	5	165300	25@0	DFT_QAM256	4.480	4.750	PASS
n5	15	5	167300	25@0	DFT_BPSK	4.480	4.750	PASS
n5	15	5	167300	25@0	DFT_QPSK	4.490	4.780	PASS
n5	15	5	167300	25@0	DFT_QAM16	4.480	4.760	PASS
n5	15	5	167300	25@0	DFT_QAM64	4.490	4.770	PASS
n5	15	5	167300	25@0	DFT_QAM256	4.480	4.750	PASS
n5	15	5	169300	25@0	DFT_BPSK	4.480	4.760	PASS
n5	15	5	169300	25@0	DFT_QPSK	4.500	4.780	PASS
n5	15	5	169300	25@0	DFT_QAM16	4.480	4.760	PASS
n5	15	5	169300	25@0	DFT_QAM64	4.500	4.760	PASS
n5	15	5	169300	25@0	DFT_QAM256	4.490	4.760	PASS
n5	15	10	165800	50@0	DFT_BPSK	9.210	9.480	PASS
n5	15	10	165800	50@0	DFT_QPSK	9.200	9.470	PASS
n5	15	10	165800	50@0	DFT_QAM16	9.220	9.470	PASS
n5	15	10	165800	50@0	DFT_QAM64	9.220	9.480	PASS
n5	15	10	165800	50@0	DFT_QAM256	9.180	9.470	PASS
n5	15	10	167300	50@0	DFT_BPSK	9.210	9.470	PASS
n5	15	10	167300	50@0	DFT_QPSK	9.210	9.480	PASS
n5	15	10	167300	50@0	DFT_QAM16	9.240	9.480	PASS
n5	15	10	167300	50@0	DFT_QAM64	9.220	9.470	PASS
n5	15	10	167300	50@0	DFT_QAM256	9.180	9.450	PASS
n5	15	10	168800	50@0	DFT_BPSK	9.280	9.480	PASS
n5	15	10	168800	50@0	DFT_QPSK	9.250	9.470	PASS
n5	15	10	168800	50@0	DFT_QAM16	9.290	9.480	PASS
n5	15	10	168800	50@0	DFT_QAM64	9.280	9.470	PASS
n5	15	10	168800	50@0	DFT_QAM256	9.250	9.460	PASS
n5	15	15	166300	75@0	DFT_BPSK	13.940	14.200	PASS

n5	15	15	166300	75@0	DFT_QPSK	13.990	14.200	PASS
n5	15	15	166300	75@0	DFT_QAM16	14.000	14.210	PASS
n5	15	15	166300	75@0	DFT_QAM64	14.000	14.190	PASS
n5	15	15	166300	75@0	DFT_QAM256	13.990	14.190	PASS
n5	15	15	167300	75@0	DFT_BPSK	13.950	14.180	PASS
n5	15	15	167300	75@0	DFT_QPSK	13.990	14.200	PASS
n5	15	15	167300	75@0	DFT_QAM16	14.000	14.190	PASS
n5	15	15	167300	75@0	DFT_QAM64	14.000	14.190	PASS
n5	15	15	167300	75@0	DFT_QAM256	13.990	14.170	PASS
n5	15	15	168300	75@0	DFT_BPSK	14.040	14.180	PASS
n5	15	15	168300	75@0	DFT_QPSK	14.060	14.200	PASS
n5	15	15	168300	75@0	DFT_QAM16	14.010	14.190	PASS
n5	15	15	168300	75@0	DFT_QAM64	14.070	14.200	PASS
n5	15	15	168300	75@0	DFT_QAM256	14.060	14.180	PASS
n5	15	20	166800	100@0	DFT_BPSK	18.680	18.890	PASS
n5	15	20	166800	100@0	DFT_QPSK	18.730	18.910	PASS
n5	15	20	166800	100@0	DFT_QAM16	18.730	18.870	PASS
n5	15	20	166800	100@0	DFT_QAM64	18.670	18.880	PASS
n5	15	20	166800	100@0	DFT_QAM256	18.740	18.880	PASS
n5	15	20	167300	100@0	DFT_BPSK	18.680	18.880	PASS
n5	15	20	167300	100@0	DFT_QPSK	18.740	18.900	PASS
n5	15	20	167300	100@0	DFT_QAM16	18.740	18.860	PASS
n5	15	20	167300	100@0	DFT_QAM64	18.680	18.860	PASS
n5	15	20	167300	100@0	DFT_QAM256	18.740	18.880	PASS
n5	15	20	167800	100@0	DFT_BPSK	18.740	18.880	PASS
n5	15	20	167800	100@0	DFT_QPSK	18.750	18.890	PASS
n5	15	20	167800	100@0	DFT_QAM16	18.740	18.890	PASS
n5	15	20	167800	100@0	DFT_QAM64	18.760	18.890	PASS
n5	15	20	167800	100@0	DFT_QAM256	18.760	18.880	PASS
n7	15	5	500500	25@0	DFT_BPSK	4.500	4.780	PASS
n7	15	5	500500	25@0	DFT_QPSK	4.500	4.780	PASS
n7	15	5	500500	25@0	DFT_QAM16	4.510	4.770	PASS
n7	15	5	500500	25@0	DFT_QAM64	4.490	4.780	PASS
n7	15	5	500500	25@0	DFT_QAM256	4.490	4.760	PASS
n7	15	5	507000	25@0	DFT_BPSK	4.480	4.750	PASS
n7	15	5	507000	25@0	DFT_QPSK	4.500	4.780	PASS
n7	15	5	507000	25@0	DFT_QAM16	4.480	4.760	PASS
n7	15	5	507000	25@0	DFT_QAM64	4.500	4.780	PASS
n7	15	5	507000	25@0	DFT_QAM256	4.490	4.760	PASS
n7	15	5	513500	25@0	DFT_BPSK	4.480	4.750	PASS
n7	15	5	513500	25@0	DFT_QPSK	4.490	4.770	PASS
n7	15	5	513500	25@0	DFT_QAM16	4.480	4.760	PASS
n7	15	5	513500	25@0	DFT_QAM64	4.500	4.780	PASS
n7	15	5	513500	25@0	DFT_QAM256	4.480	4.770	PASS

n7	15	10	501000	50@0	DFT_BPSK	9.220	9.480	PASS
n7	15	10	501000	50@0	DFT_QPSK	9.210	9.480	PASS
n7	15	10	501000	50@0	DFT_QAM16	9.250	9.470	PASS
n7	15	10	501000	50@0	DFT_QAM64	9.220	9.470	PASS
n7	15	10	501000	50@0	DFT_QAM256	9.220	9.480	PASS
n7	15	10	507000	50@0	DFT_BPSK	9.250	9.490	PASS
n7	15	10	507000	50@0	DFT_QPSK	9.220	9.470	PASS
n7	15	10	507000	50@0	DFT_QAM16	9.250	9.480	PASS
n7	15	10	507000	50@0	DFT_QAM64	9.250	9.480	PASS
n7	15	10	507000	50@0	DFT_QAM256	9.210	9.460	PASS
n7	15	10	513000	50@0	DFT_BPSK	9.220	9.480	PASS
n7	15	10	513000	50@0	DFT_QPSK	9.240	9.470	PASS
n7	15	10	513000	50@0	DFT_QAM16	9.250	9.480	PASS
n7	15	10	513000	50@0	DFT_QAM64	9.250	9.480	PASS
n7	15	10	513000	50@0	DFT_QAM256	9.210	9.470	PASS
n7	15	15	501500	75@0	DFT_BPSK	13.940	14.190	PASS
n7	15	15	501500	75@0	DFT_QPSK	13.990	14.210	PASS
n7	15	15	501500	75@0	DFT_QAM16	13.940	14.200	PASS
n7	15	15	501500	75@0	DFT_QAM64	13.990	14.210	PASS
n7	15	15	501500	75@0	DFT_QAM256	14.000	14.200	PASS
n7	15	15	507000	75@0	DFT_BPSK	14.050	14.190	PASS
n7	15	15	507000	75@0	DFT_QPSK	14.050	14.200	PASS
n7	15	15	507000	75@0	DFT_QAM16	14.110	14.190	PASS
n7	15	15	507000	75@0	DFT_QAM64	14.060	14.210	PASS
n7	15	15	507000	75@0	DFT_QAM256	14.060	14.200	PASS
n7	15	15	512500	75@0	DFT_BPSK	14.040	14.200	PASS
n7	15	15	512500	75@0	DFT_QPSK	14.000	14.200	PASS
n7	15	15	512500	75@0	DFT_QAM16	14.100	14.200	PASS
n7	15	15	512500	75@0	DFT_QAM64	14.050	14.210	PASS
n7	15	15	512500	75@0	DFT_QAM256	14.060	14.190	PASS
n7	15	20	502000	100@0	DFT_BPSK	18.670	18.890	PASS
n7	15	20	502000	100@0	DFT_QPSK	18.730	18.900	PASS
n7	15	20	502000	100@0	DFT_QAM16	18.720	18.910	PASS
n7	15	20	502000	100@0	DFT_QAM64	18.670	18.890	PASS
n7	15	20	502000	100@0	DFT_QAM256	18.740	18.910	PASS
n7	15	20	507000	100@0	DFT_BPSK	18.820	18.900	PASS
n7	15	20	507000	100@0	DFT_QPSK	18.880	18.920	PASS
n7	15	20	507000	100@0	DFT_QAM16	18.830	18.890	PASS
n7	15	20	507000	100@0	DFT_QAM64	18.820	18.900	PASS
n7	15	20	507000	100@0	DFT_QAM256	18.880	18.920	PASS
n7	15	20	512000	100@0	DFT_BPSK	18.750	18.910	PASS
n7	15	20	512000	100@0	DFT_QPSK	18.810	18.910	PASS
n7	15	20	512000	100@0	DFT_QAM16	18.800	18.900	PASS
n7	15	20	512000	100@0	DFT_QAM64	18.750	18.890	PASS

n7	15	20	512000	100@0	DFT_QAM256	18.820	18.900	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.610	9.180	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.610	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.620	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.650	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.610	9.160	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.610	9.140	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.610	9.180	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.640	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.650	9.170	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.610	9.200	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.610	9.170	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.610	9.180	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.610	9.190	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.600	9.150	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.510	13.740	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.460	13.710	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.510	13.710	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.450	13.700	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.500	13.710	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.530	13.710	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.470	13.730	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.520	13.710	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.450	13.730	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.500	13.730	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.500	13.670	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.500	13.700	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.520	13.700	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.500	13.740	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.510	13.700	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.090	18.920	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.040	18.960	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.080	18.920	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.030	18.960	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.110	18.940	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.100	18.940	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.100	18.960	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.080	18.920	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.030	18.940	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.110	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.100	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.100	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.040	18.930	PASS

n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.100	18.920	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.110	18.940	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.610	28.420	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.610	28.460	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.610	28.400	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.620	28.430	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.610	28.410	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.650	28.450	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.620	28.450	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.620	28.410	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.630	28.410	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.620	28.390	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.640	28.450	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.600	28.450	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.740	28.450	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.640	28.450	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.610	28.410	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	37.500	37.870	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.510	37.910	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.610	37.890	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.510	37.840	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.610	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.510	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.500	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.610	37.890	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.500	37.820	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.610	37.880	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.510	37.850	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.490	37.890	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.600	37.900	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.500	37.830	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.470	37.840	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.090	48.390	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	46.900	48.330	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.030	48.360	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.040	48.370	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.090	48.380	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.070	48.370	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.070	48.350	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.020	48.370	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.030	48.340	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.020	48.340	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	47.220	48.390	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.200	48.370	PASS

n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.020	48.350	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.210	48.370	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.050	48.360	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.940	60.980	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.950	60.990	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.930	60.970	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	57.950	60.960	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	57.940	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.930	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.930	60.950	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.960	60.990	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.960	60.990	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.940	60.980	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	57.940	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	57.930	60.960	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	58.080	61.000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	58.090	60.970	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	57.960	61.000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.470	81.340	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.460	81.340	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.440	81.330	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.490	81.360	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.470	81.370	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.480	81.360	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.490	81.360	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.460	81.350	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.500	81.380	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.490	81.380	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.460	81.330	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.480	81.350	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.480	81.370	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.480	81.340	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.470	81.370	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.760	90.490	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.840	90.520	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.760	90.480	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.820	90.520	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.580	90.520	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.780	90.550	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.580	90.510	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.570	90.490	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.820	90.530	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.850	90.540	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.760	90.490	PASS

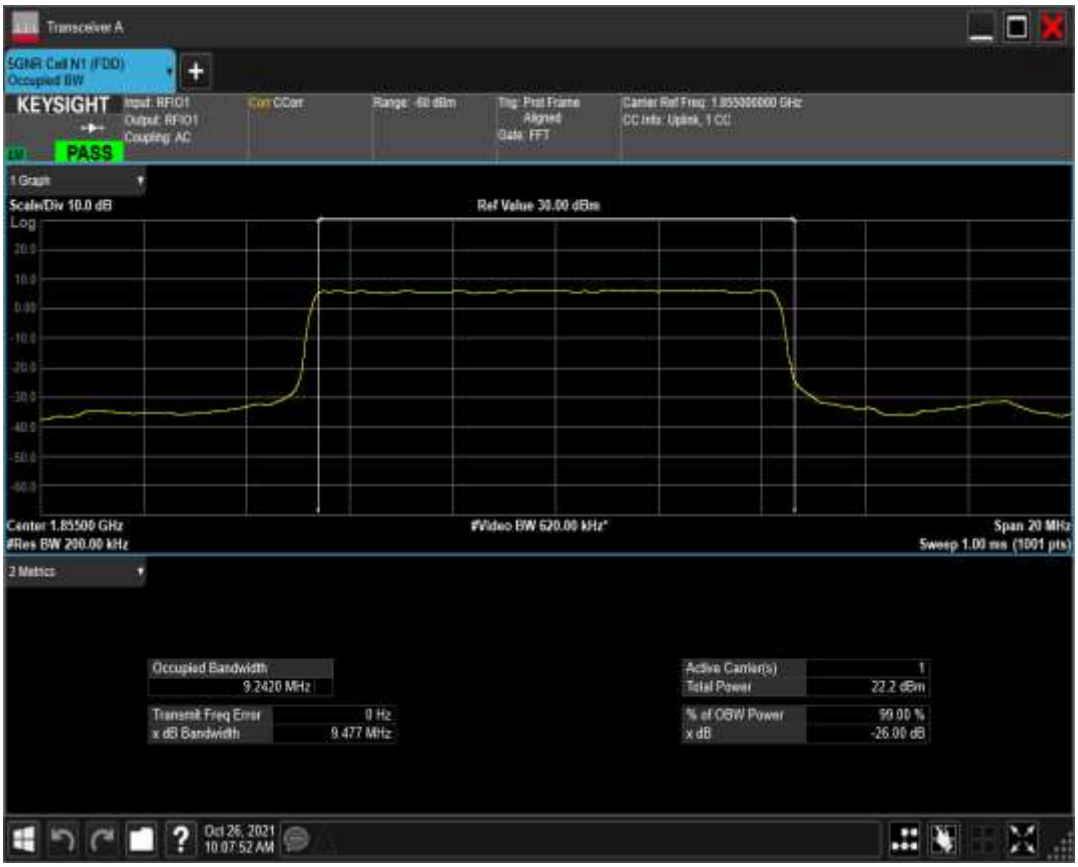
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.760	90.500	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.580	90.490	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.820	90.530	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.850	90.540	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.810	101.560	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.870	101.580	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.820	101.580	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.800	101.590	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.850	101.640	PASS
n77(3450-3550)	30	100	633332	270@0	DFT_BPSK	96.820	101.550	PASS
n77(3450-3550)	30	100	633332	270@0	DFT_QPSK	96.830	101.560	PASS
n77(3450-3550)	30	100	633332	270@0	DFT_QAM16	96.880	101.610	PASS
n77(3450-3550)	30	100	633332	270@0	DFT_QAM64	96.860	101.600	PASS
n77(3450-3550)	30	100	633332	270@0	DFT_QAM256	96.860	101.640	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	8.610	9.170	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.610	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.610	9.170	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.650	9.190	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.600	9.150	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.610	9.140	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.610	9.180	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.610	9.200	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.650	9.180	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.610	9.210	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.610	9.170	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.610	9.180	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.610	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.610	9.200	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.520	13.710	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.460	13.690	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.520	13.700	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.470	13.790	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.500	13.720	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.520	13.720	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.470	13.720	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.520	13.710	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.510	13.740	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.500	13.720	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.470	13.700	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.470	13.710	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.500	13.720	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.450	13.700	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.500	13.720	PASS

n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.100	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.040	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.080	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.030	18.960	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.110	18.940	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.110	18.950	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.100	18.950	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.080	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.030	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.100	18.950	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.100	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.100	18.940	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.080	18.920	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.100	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.090	18.930	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.600	28.420	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.540	28.450	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.600	28.410	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.610	28.430	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.610	28.400	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.620	28.420	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.650	28.430	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.750	28.460	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.630	28.430	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.620	28.410	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.620	28.420	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.620	28.460	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.630	28.410	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.660	28.440	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.630	28.410	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.500	37.850	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.500	37.900	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.620	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.490	37.830	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	37.510	37.870	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.520	37.860	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.520	37.860	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.630	37.870	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.500	37.830	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.610	37.880	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.600	37.880	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.610	37.860	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.620	37.910	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.610	37.860	PASS

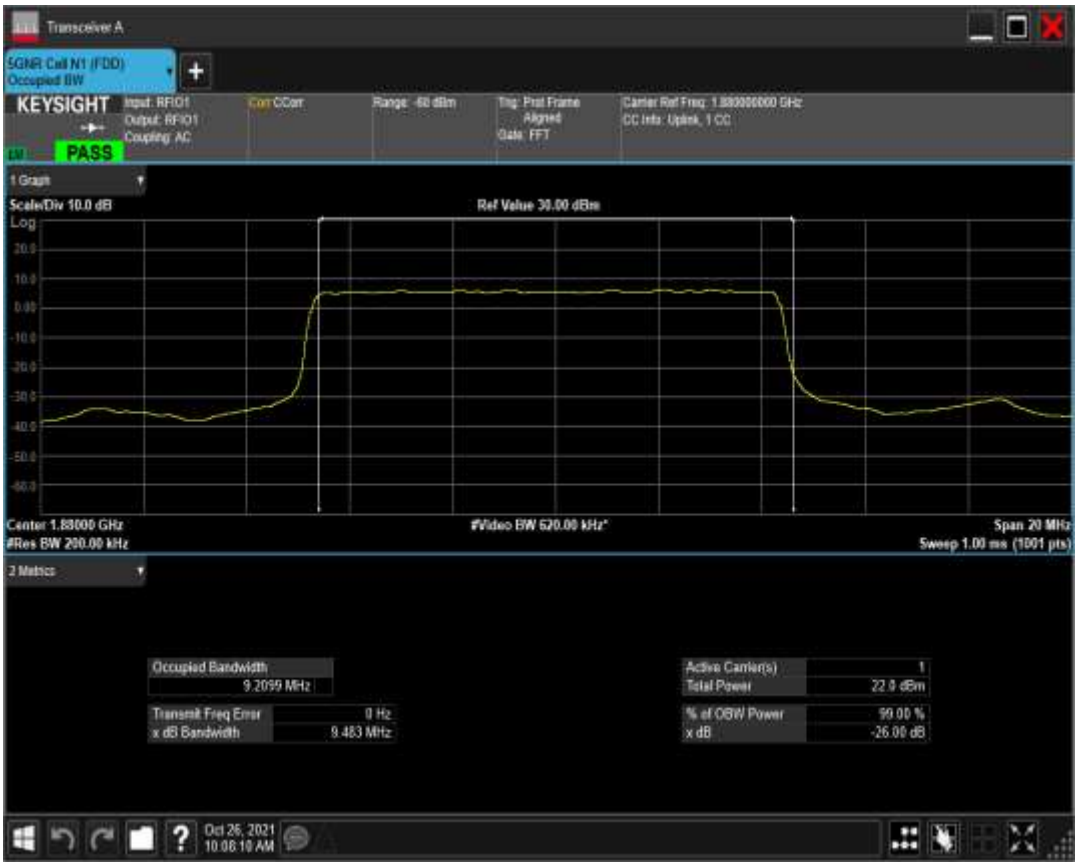
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.490	37.840	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.080	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.070	48.360	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.000	48.350	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.070	48.340	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.080	48.360	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.060	48.370	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.080	48.360	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.010	48.370	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	47.020	48.360	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.010	48.340	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.090	48.390	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.010	48.350	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.010	48.360	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.070	48.350	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.090	48.360	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	57.950	60.970	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	57.920	60.950	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	57.960	60.980	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	57.960	60.960	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.950	60.960	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	57.940	60.980	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	57.950	60.960	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.080	61.000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	57.960	60.960	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.940	60.980	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	57.940	60.980	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	57.950	60.970	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	57.950	60.970	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	57.960	60.970	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	57.960	60.990	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	77.450	81.340	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	77.280	81.330	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	77.480	81.350	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	77.460	81.360	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.470	81.370	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	77.460	81.350	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.270	81.340	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	77.470	81.360	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.460	81.370	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	77.490	81.370	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	77.460	81.360	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	77.480	81.360	PASS

n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	77.500	81.380	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	77.490	81.390	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	86.580	90.480	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	86.560	90.480	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	86.780	90.530	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	86.810	90.510	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	86.570	90.490	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.570	90.500	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.820	90.510	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.570	90.500	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.800	90.540	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.830	90.550	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	86.570	90.470	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	86.820	90.510	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	86.560	90.480	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	86.810	90.550	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	86.770	90.550	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	96.820	101.580	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	96.890	101.590	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	96.830	101.580	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	96.860	101.610	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	96.830	101.650	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.820	101.590	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.830	101.580	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.830	101.630	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.860	101.640	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.830	101.670	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	96.880	101.620	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	96.820	101.580	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	96.850	101.610	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	96.870	101.650	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	96.870	101.650	PASS

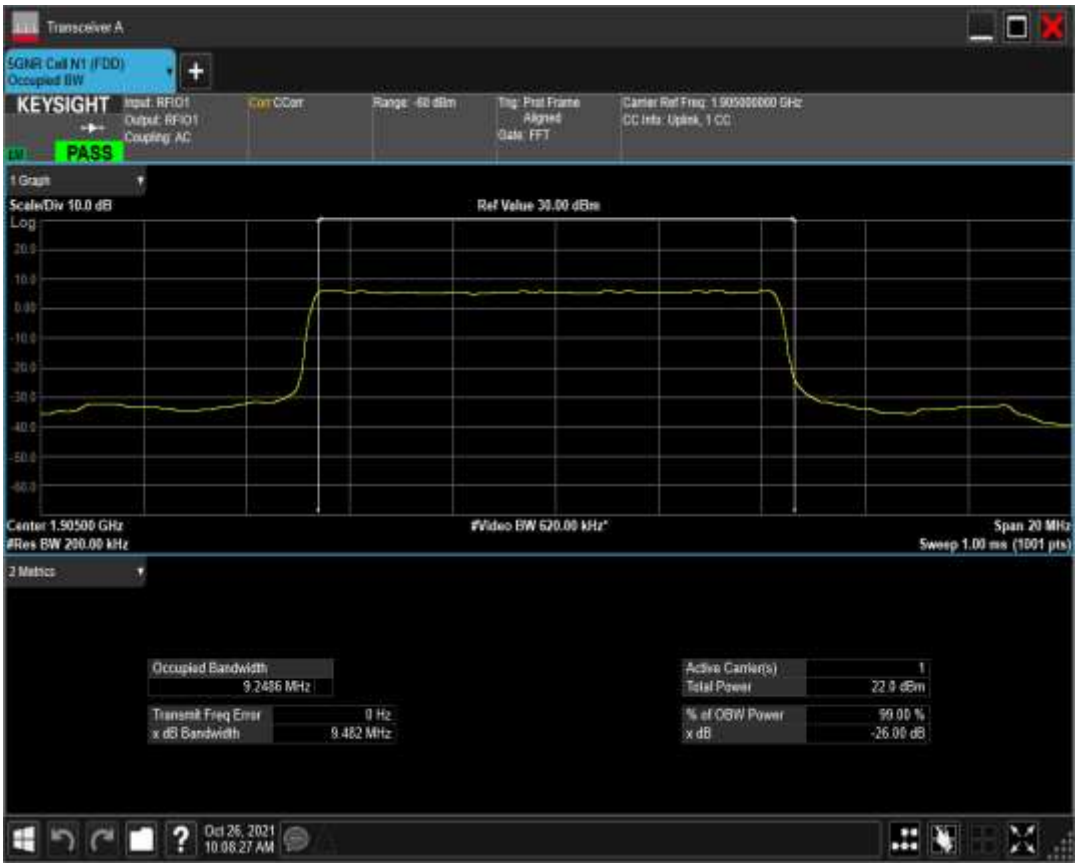
n2 SCS=15kHz DFT_BPSK BW=10MHz Channel=371000 RB=50@0



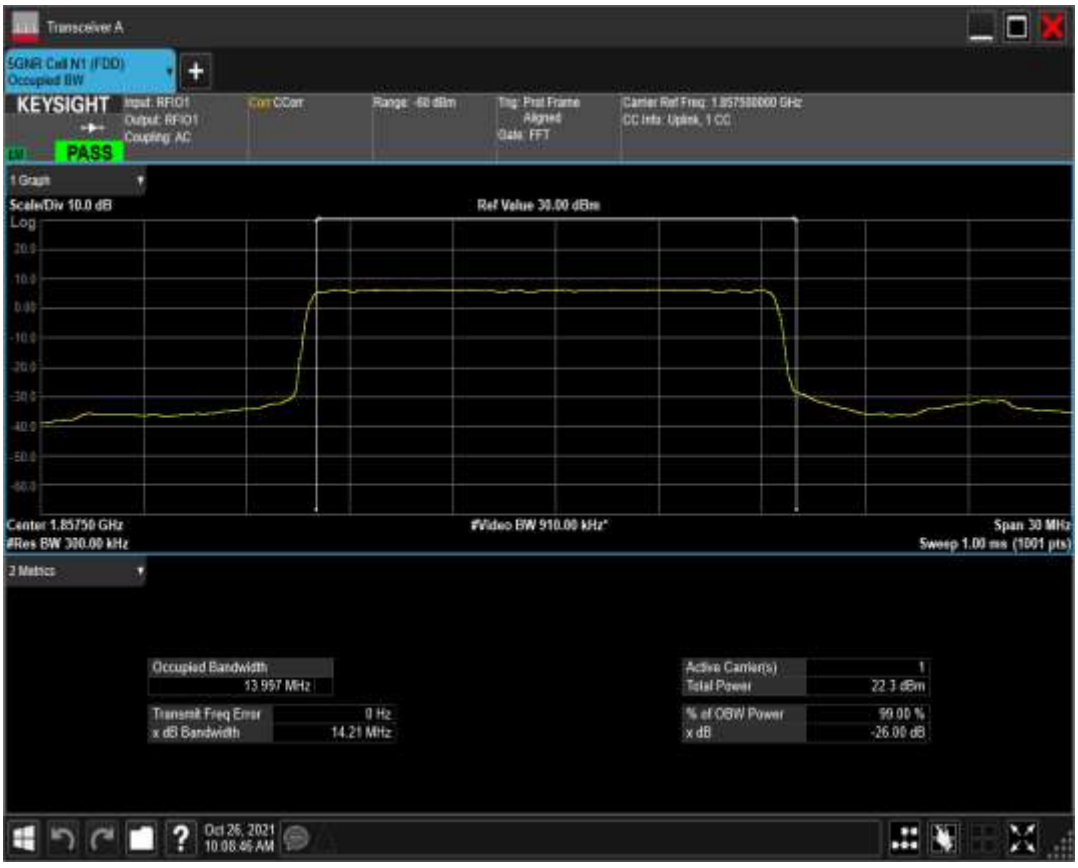
n2 SCS=15kHz DFT_BPSK BW=10MHz Channel=376000 RB=50@0



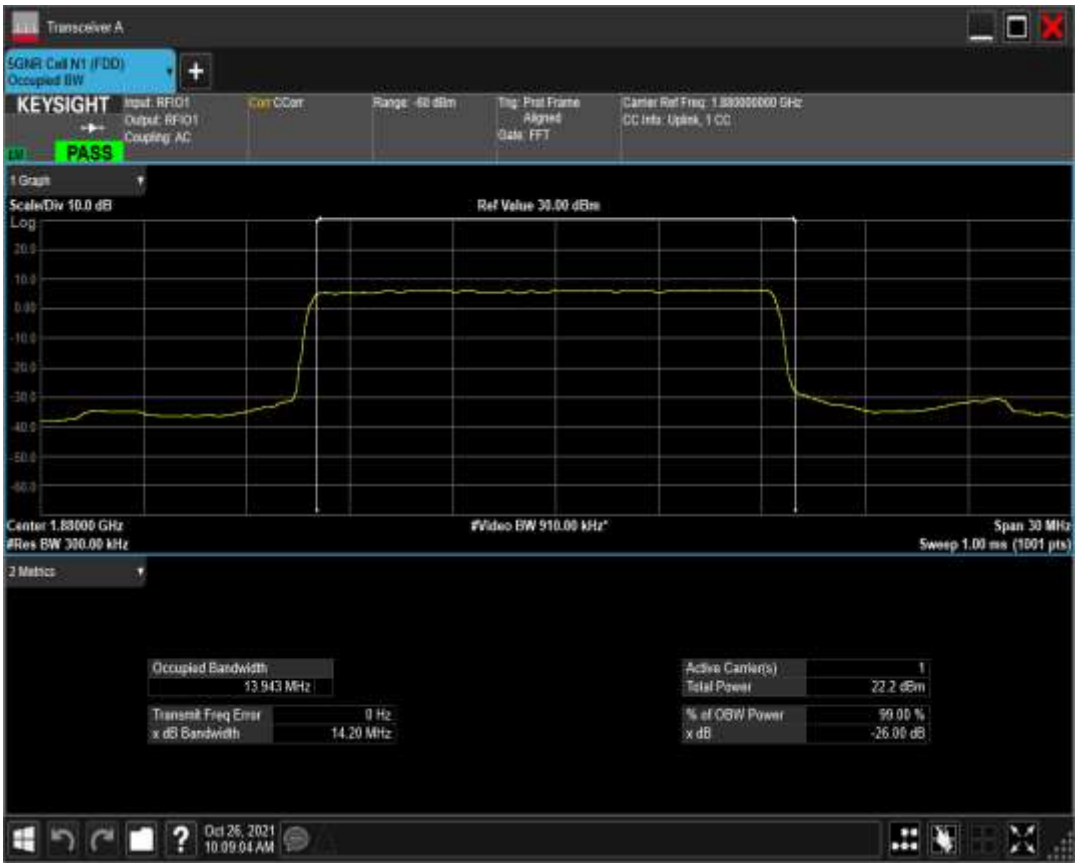
n2 SCS=15kHz DFT_BPSK BW=10MHz Channel=381000 RB=50@0



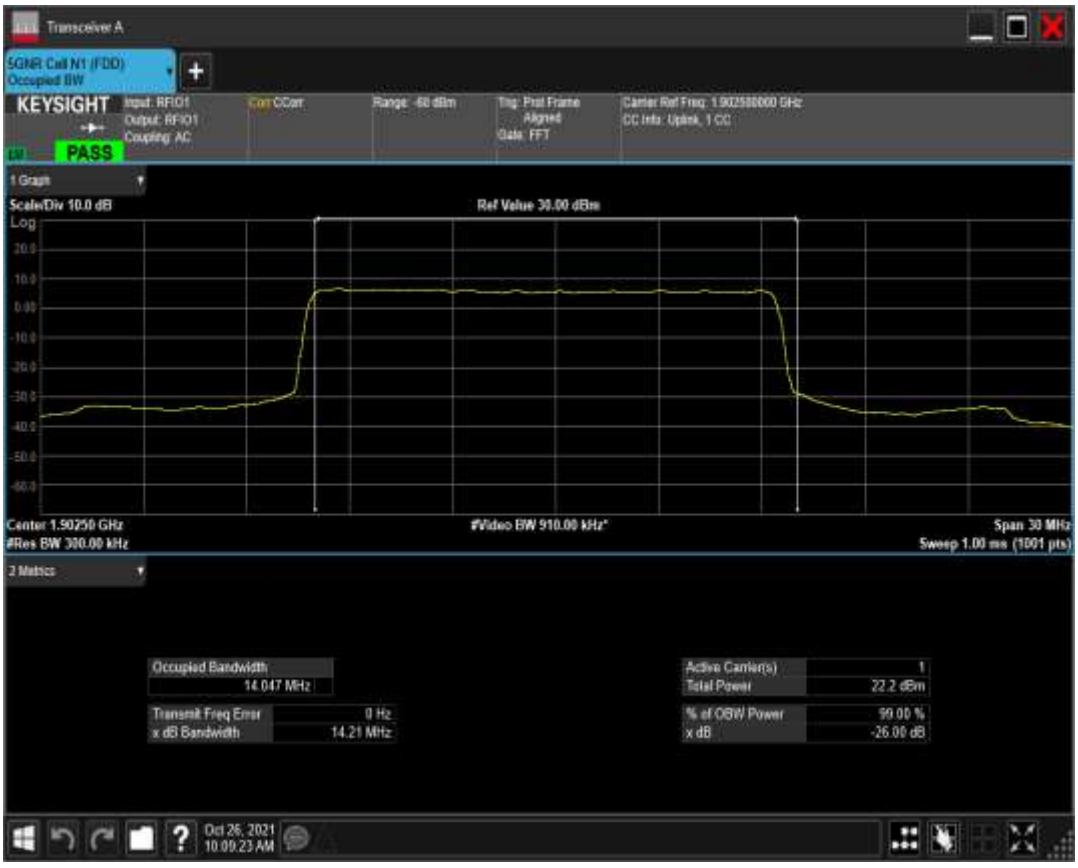
n2 SCS=15kHz DFT_BPSK BW=15MHz Channel=371500 RB=75@0



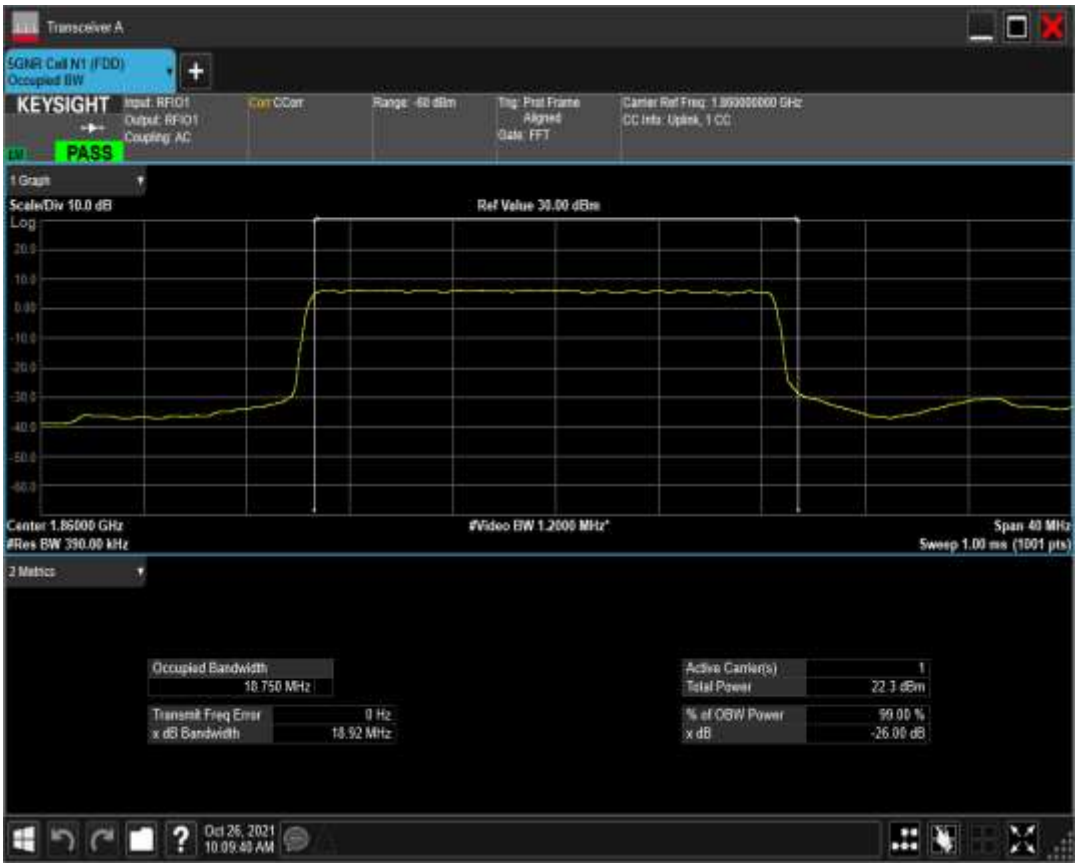
n2 SCS=15kHz DFT_BPSK BW=15MHz Channel=376000 RB=75@0



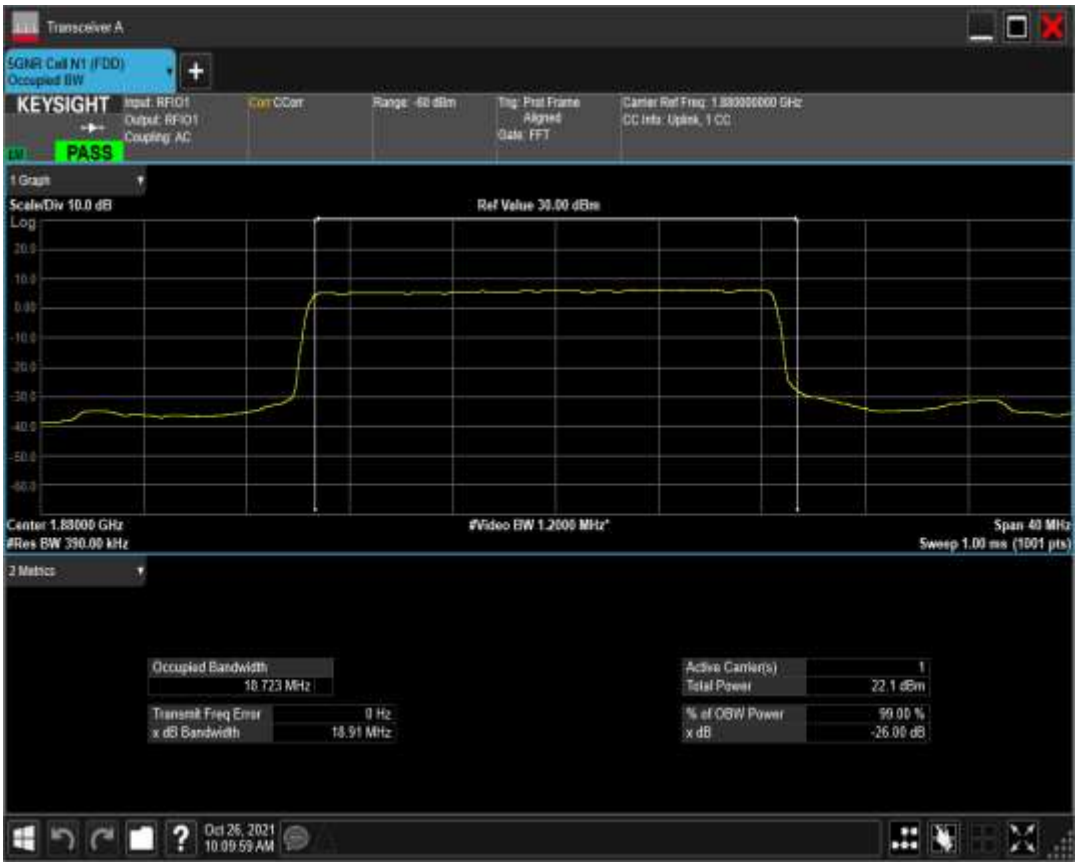
n2 SCS=15kHz DFT_BPSK BW=15MHz Channel=380500 RB=75@0



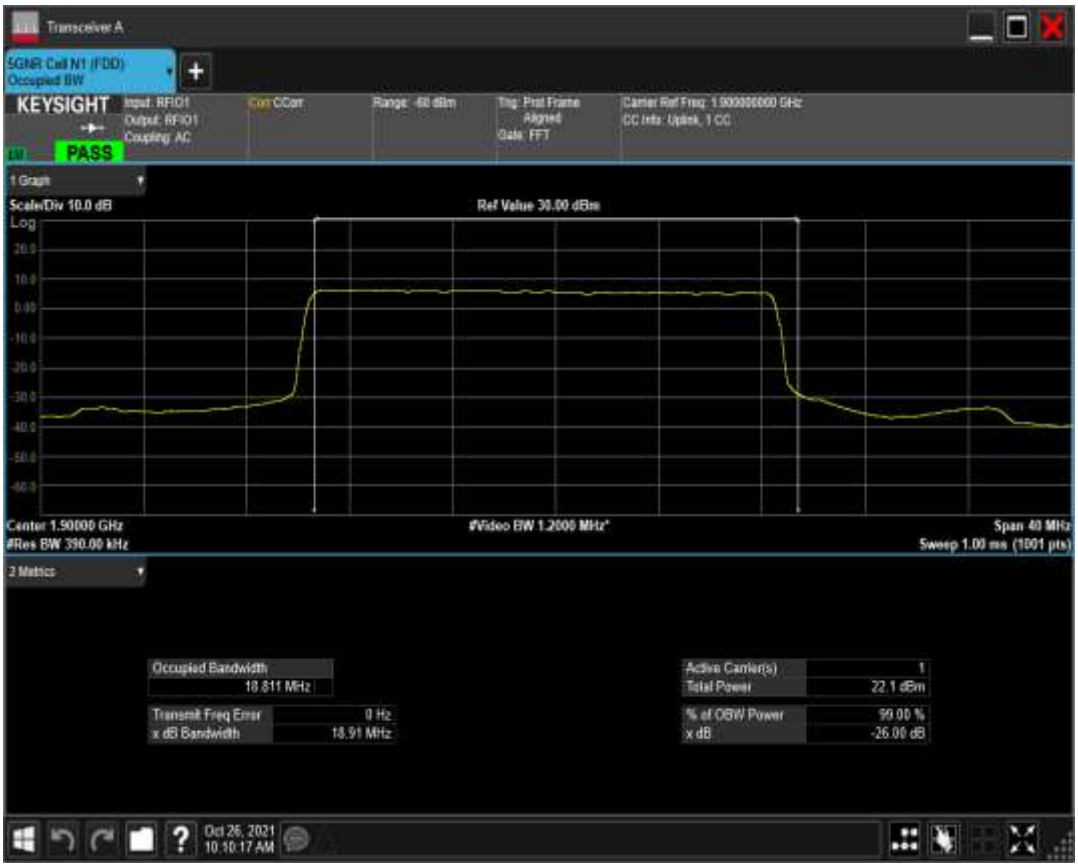
n2 SCS=15kHz DFT_BPSK BW=20MHz Channel=372000 RB=100@0



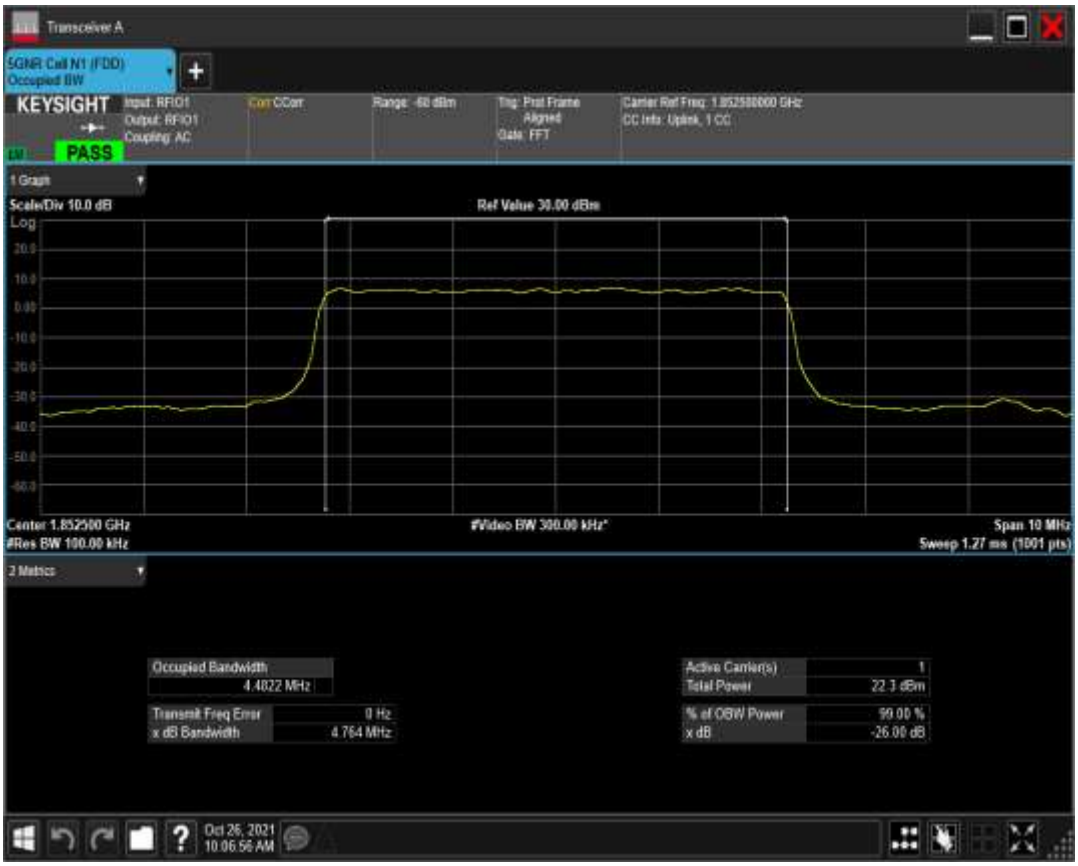
n2 SCS=15kHz DFT_BPSK BW=20MHz Channel=376000 RB=100@0



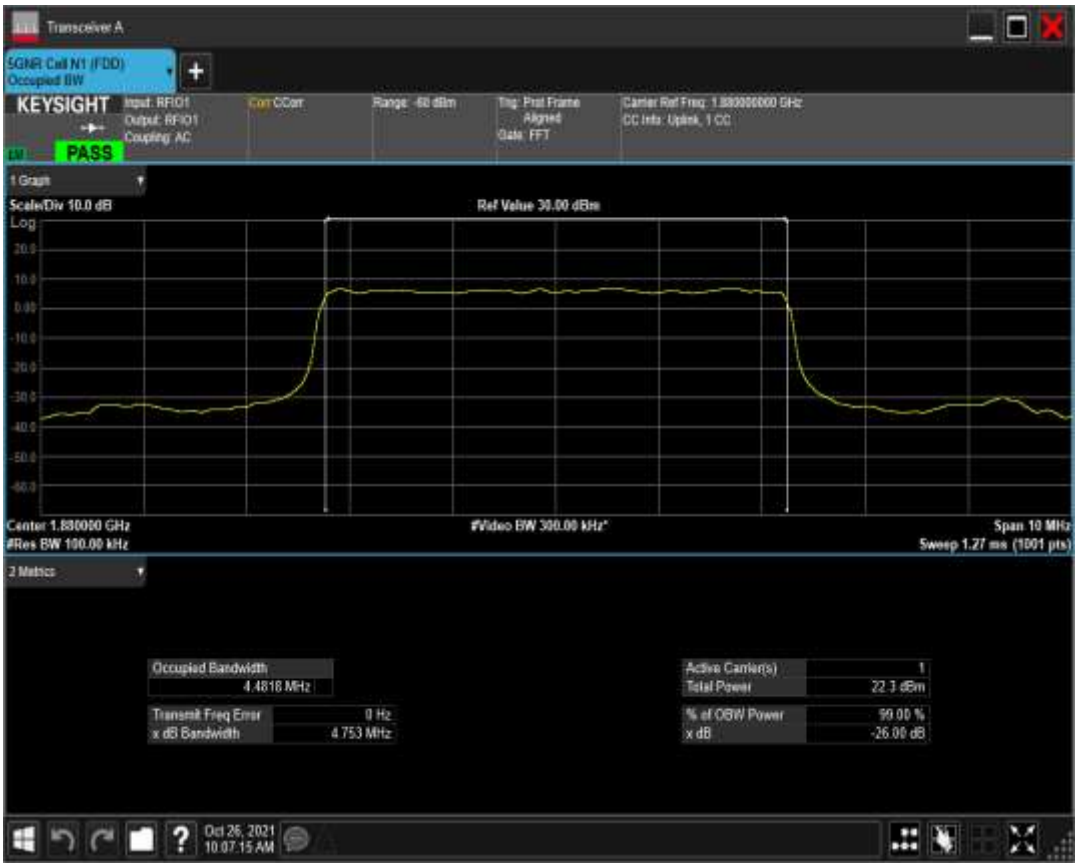
n2 SCS=15kHz DFT_BPSK BW=20MHz Channel=380000 RB=100@0



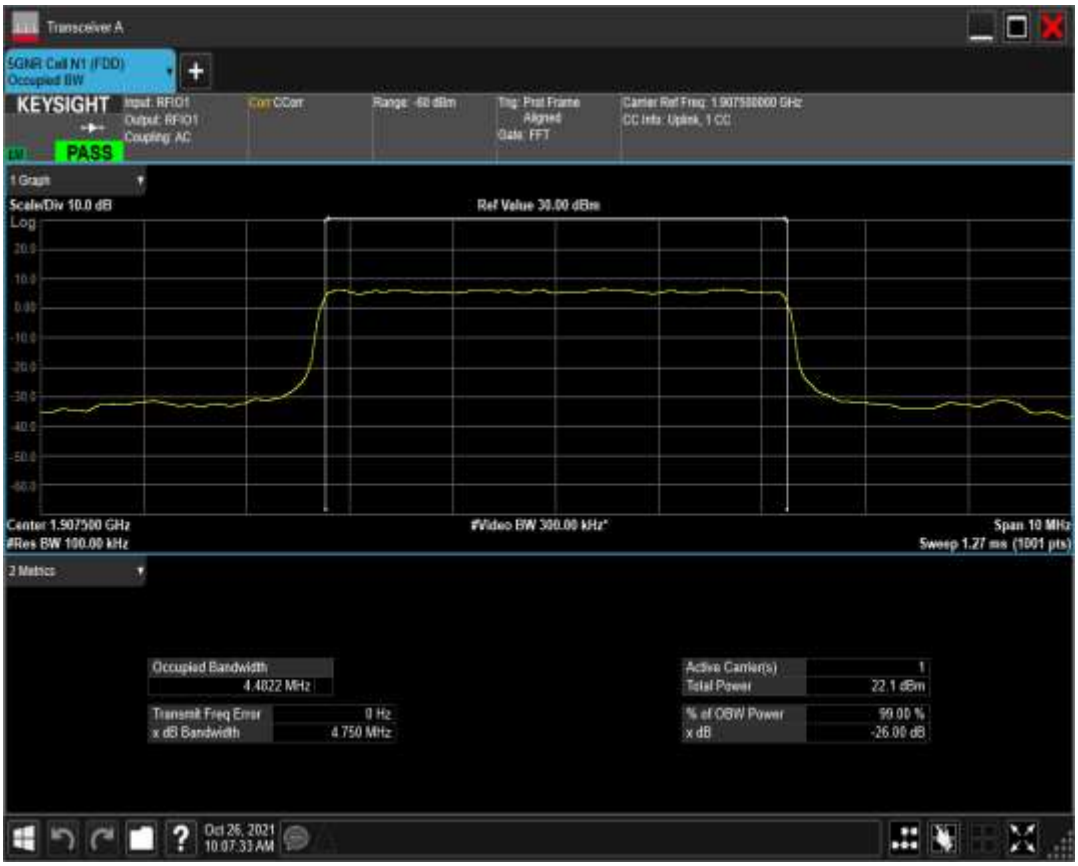
n2 SCS=15kHz DFT_BPSK BW=5MHz Channel=370500 RB=25@0



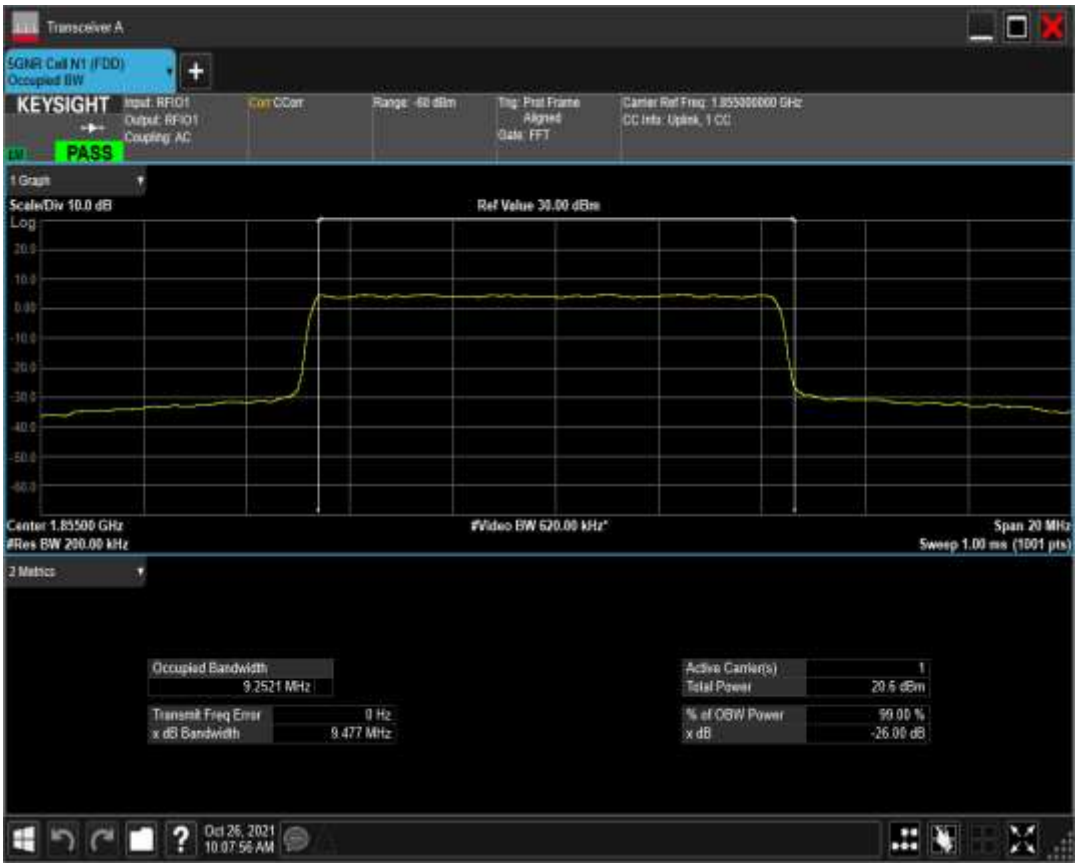
n2 SCS=15kHz DFT_BPSK BW=5MHz Channel=376000 RB=25@0



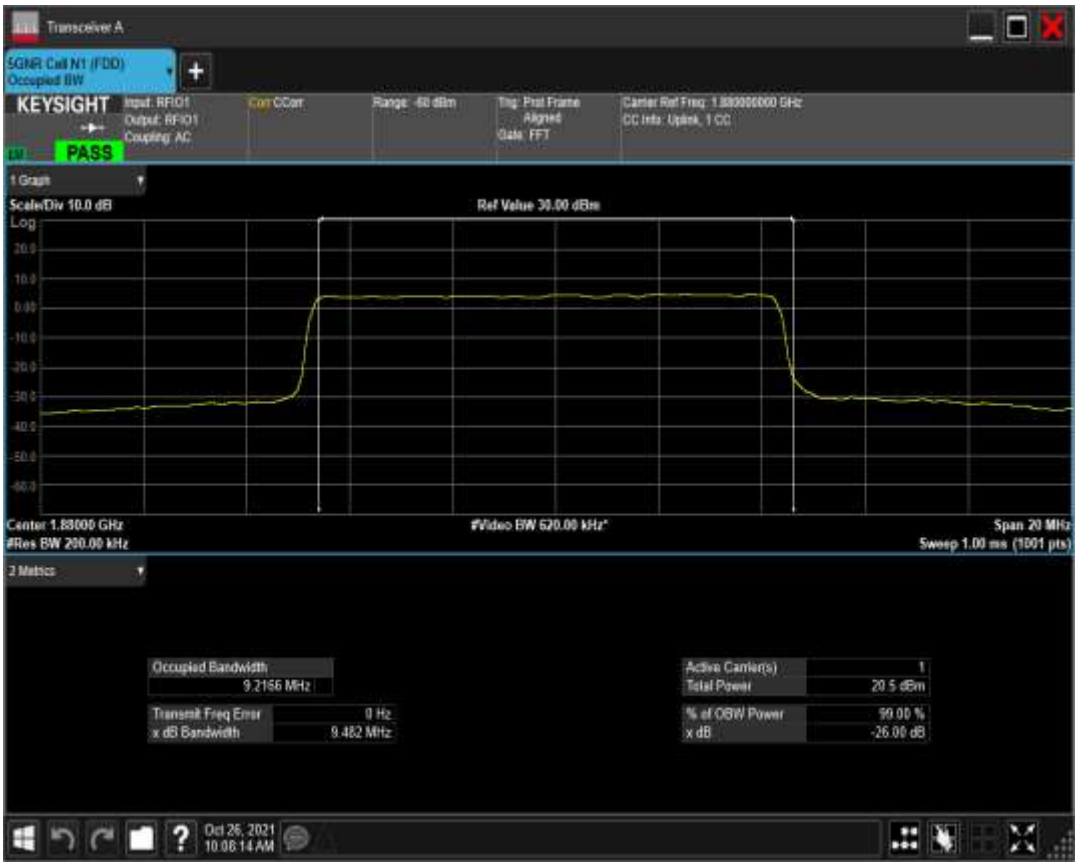
n2 SCS=15kHz DFT_BPSK BW=5MHz Channel=381500 RB=25@0



n2 SCS=15kHz DFT_QAM16 BW=10MHz Channel=371000 RB=50@0

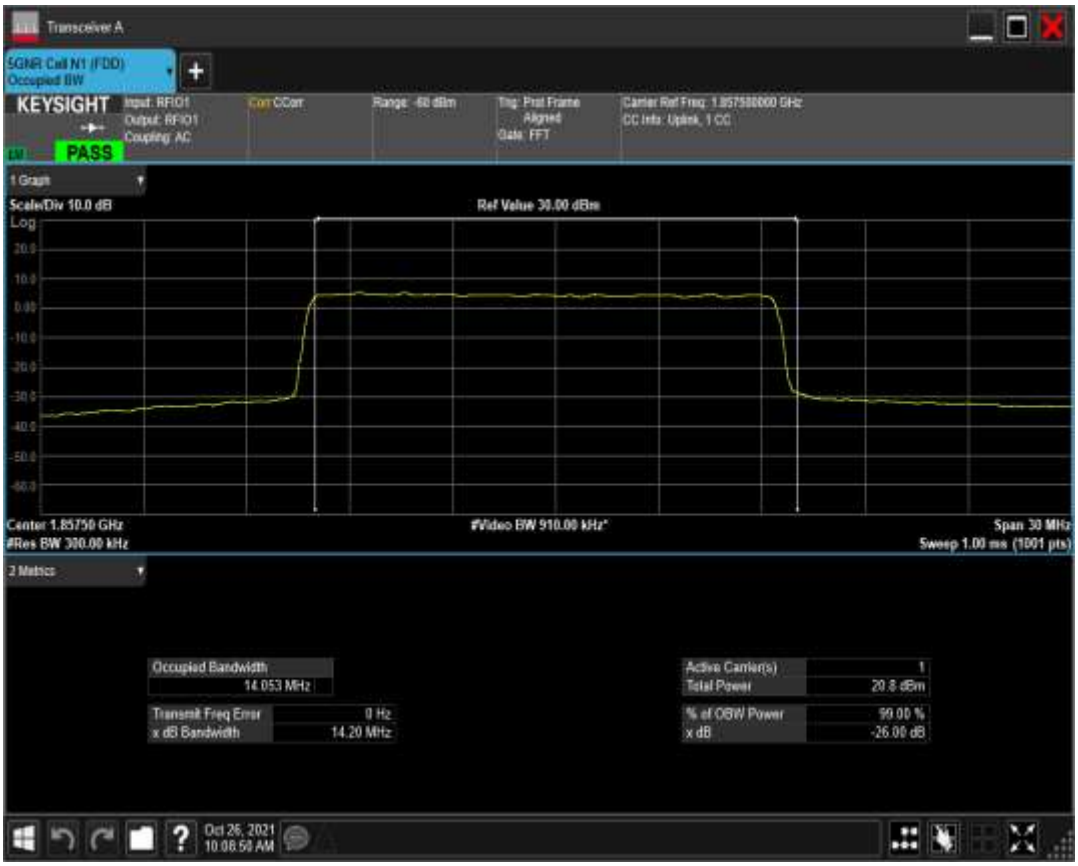


n2 SCS=15kHz DFT_QAM16 BW=10MHz Channel=376000 RB=50@0

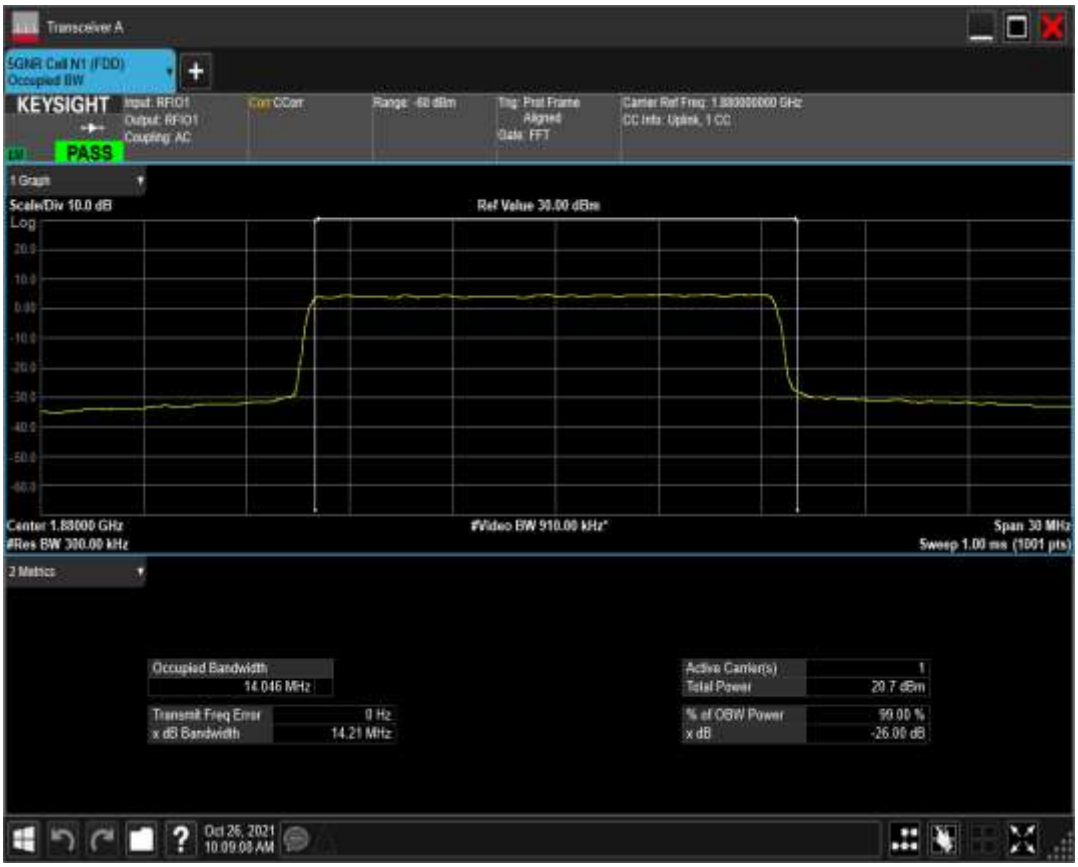


n2 SCS=15kHz DFT_QAM16 BW=10MHz Channel=381000 RB=50@0

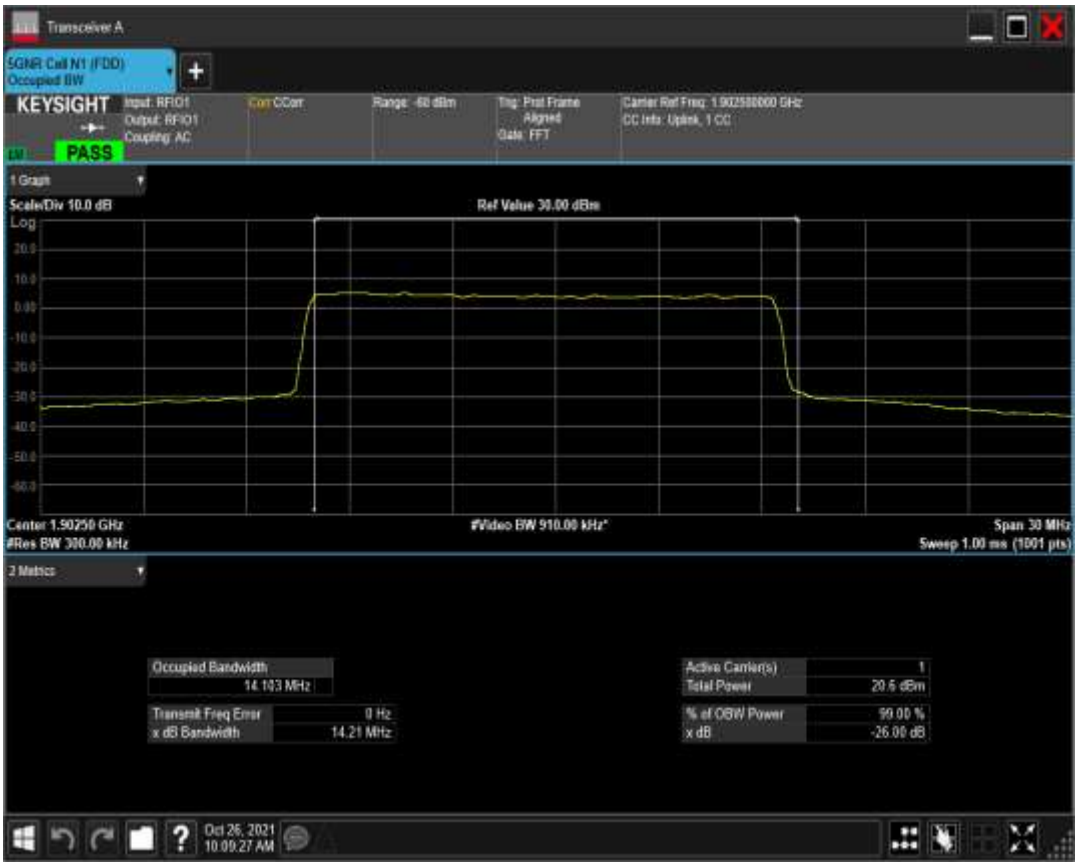
n2 SCS=15kHz DFT_QAM16 BW=15MHz Channel=371500 RB=75@0



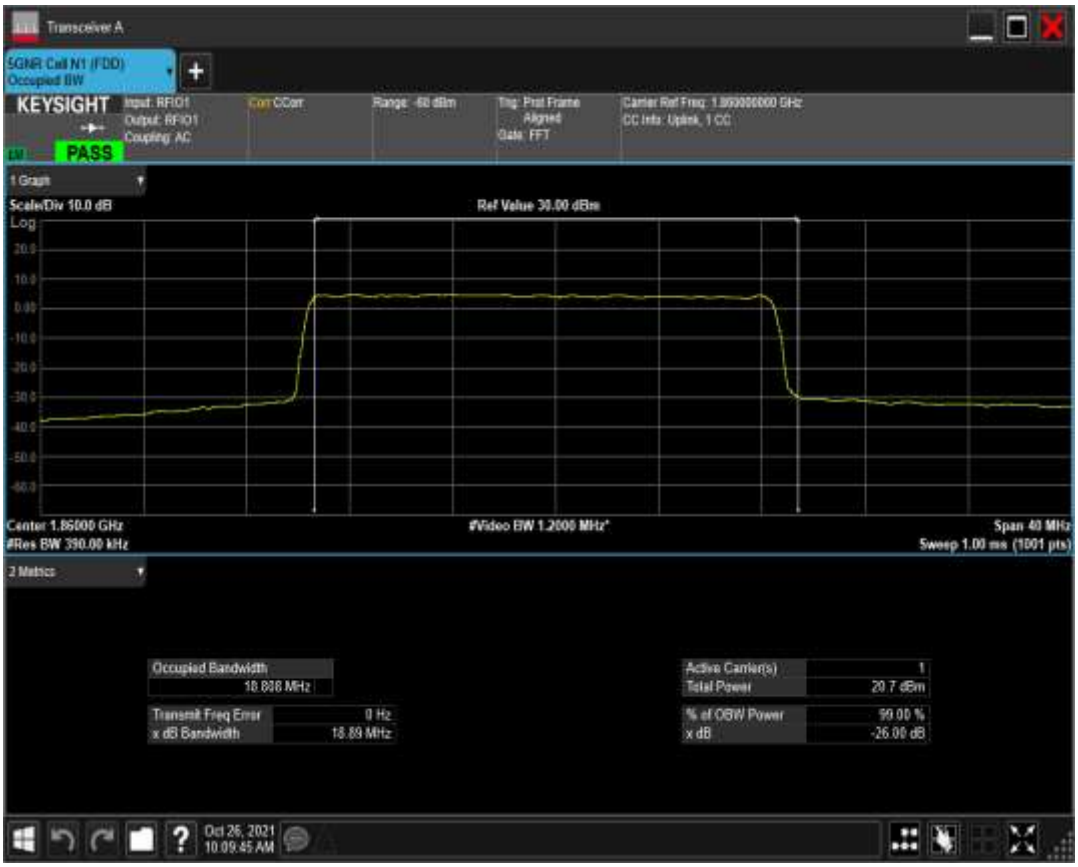
n2 SCS=15kHz DFT_QAM16 BW=15MHz Channel=376000 RB=75@0



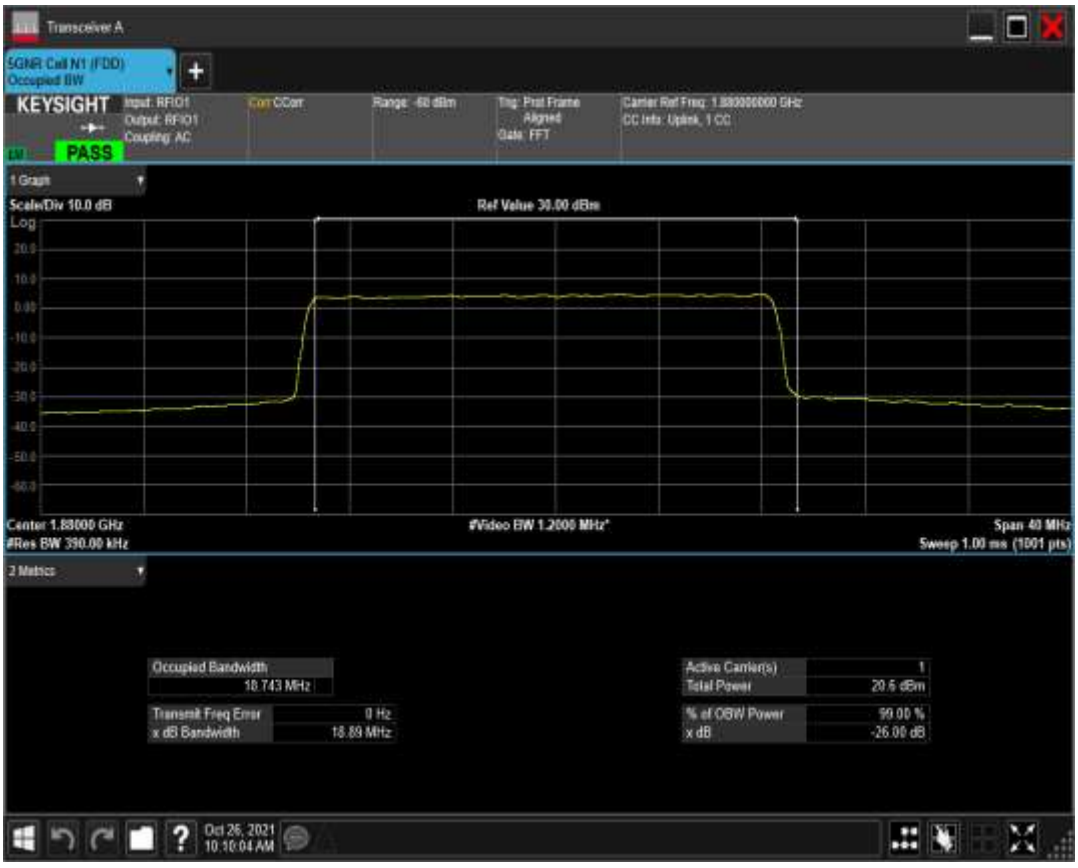
n2 SCS=15kHz DFT_QAM16 BW=15MHz Channel=380500 RB=75@0



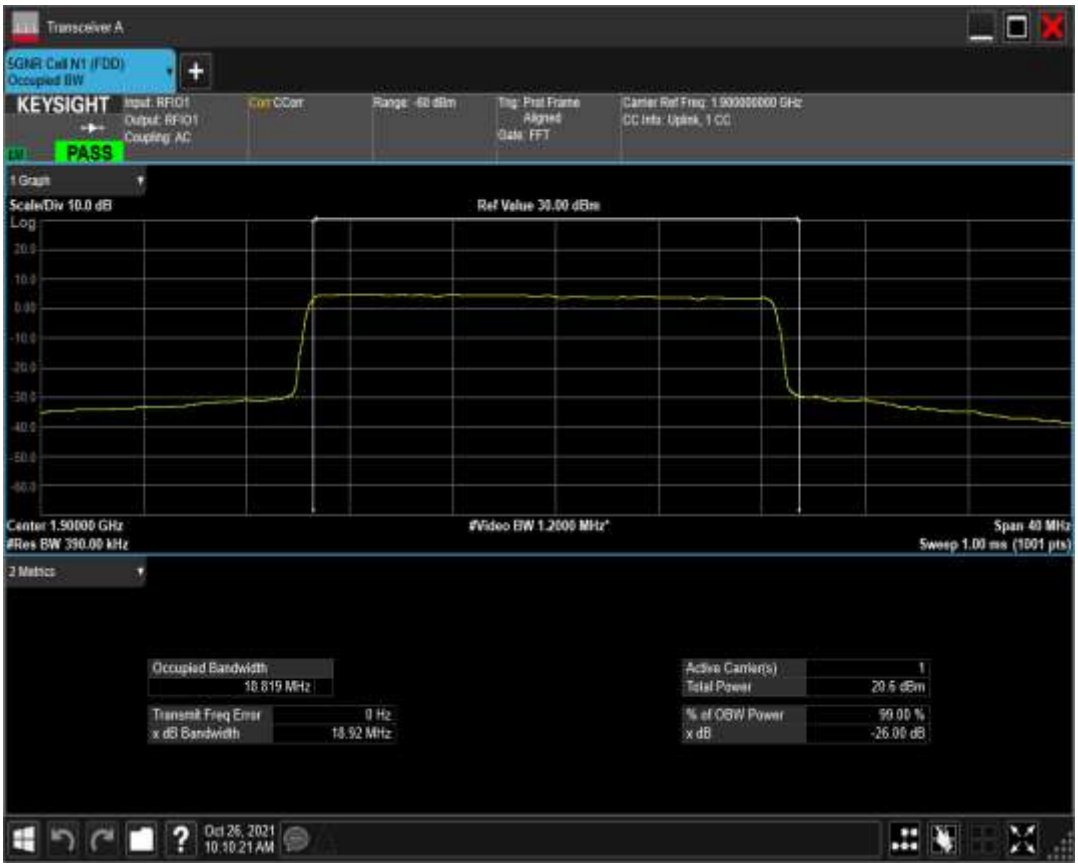
n2 SCS=15kHz DFT_QAM16 BW=20MHz Channel=372000 RB=100@0



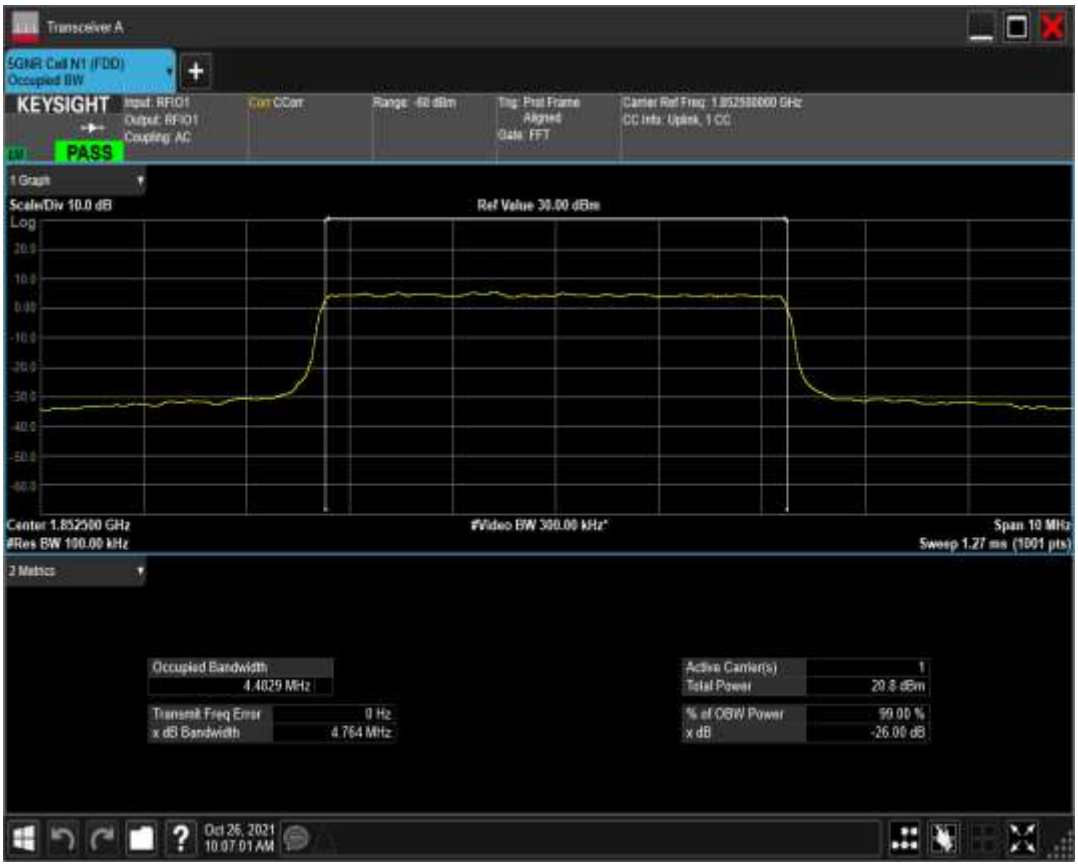
n2 SCS=15kHz DFT_QAM16 BW=20MHz Channel=376000 RB=100@0



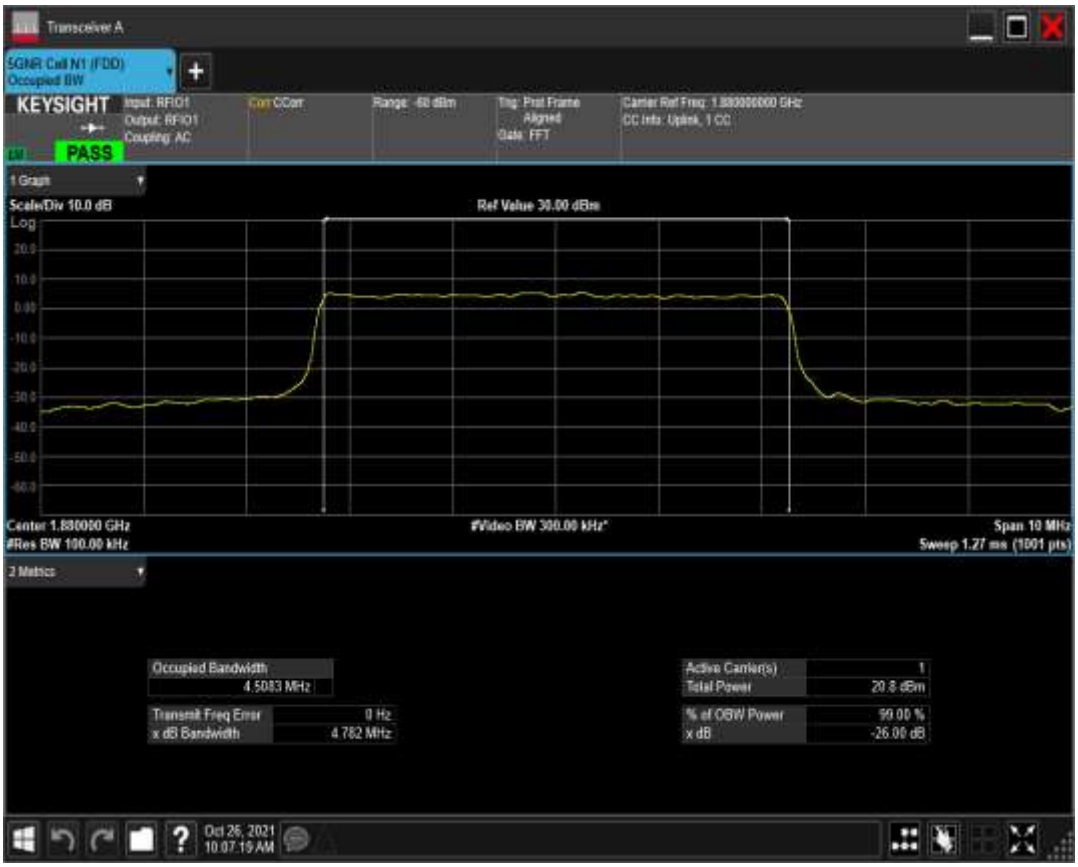
n2 SCS=15kHz DFT_QAM16 BW=20MHz Channel=380000 RB=100@0



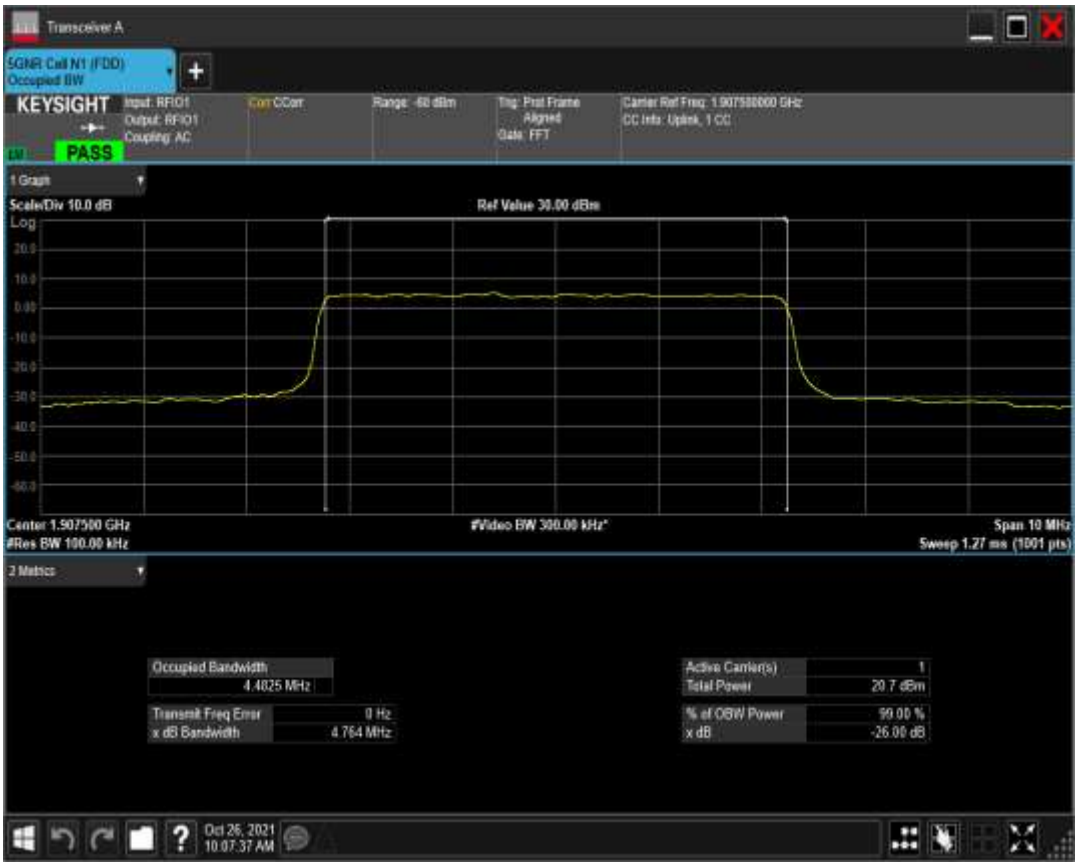
n2 SCS=15kHz DFT_QAM16 BW=5MHz Channel=370500 RB=25@0



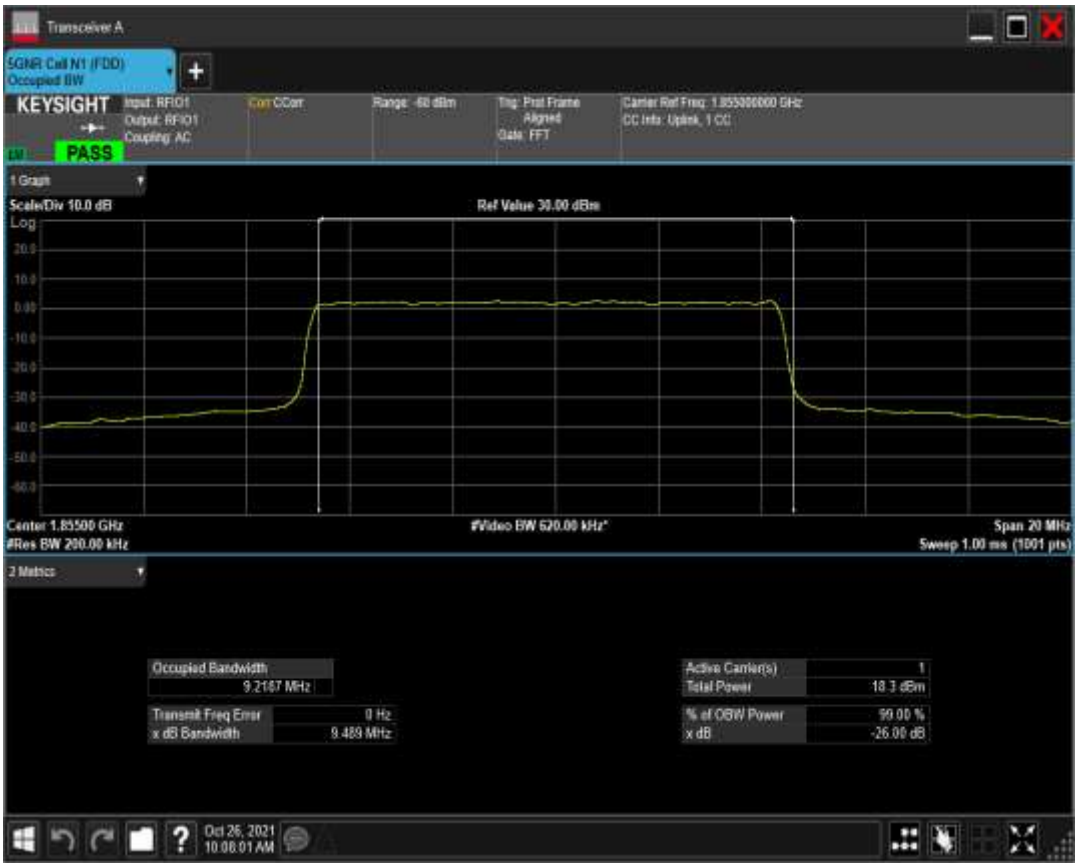
n2 SCS=15kHz DFT_QAM16 BW=5MHz Channel=376000 RB=25@0



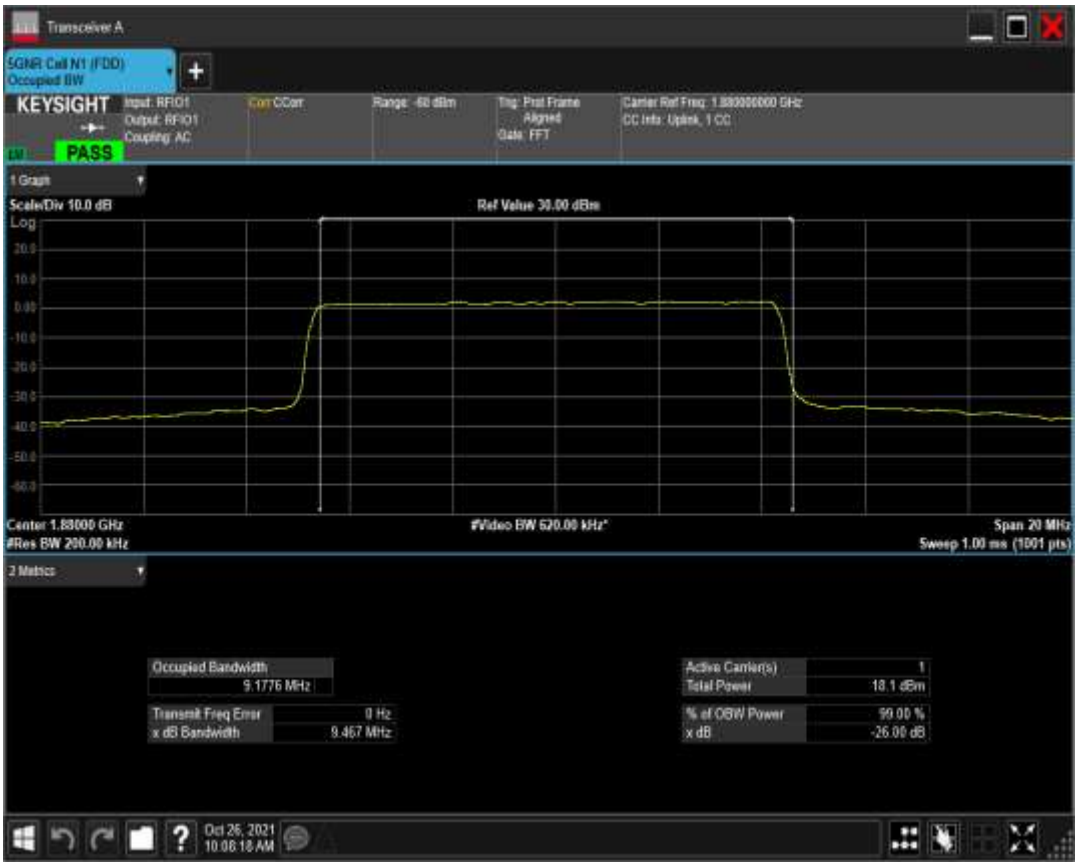
n2 SCS=15kHz DFT_QAM16 BW=5MHz Channel=381500 RB=25@0



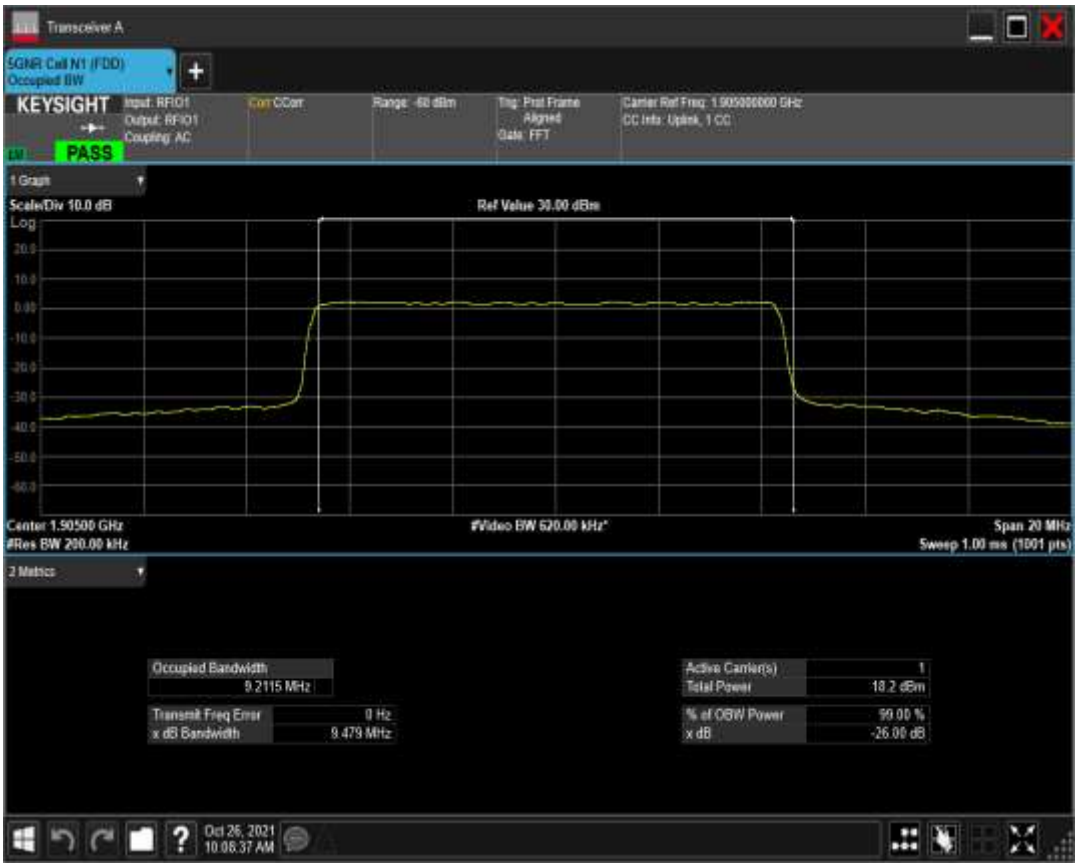
n2 SCS=15kHz DFT_QAM256 BW=10MHz Channel=371000 RB=50@0



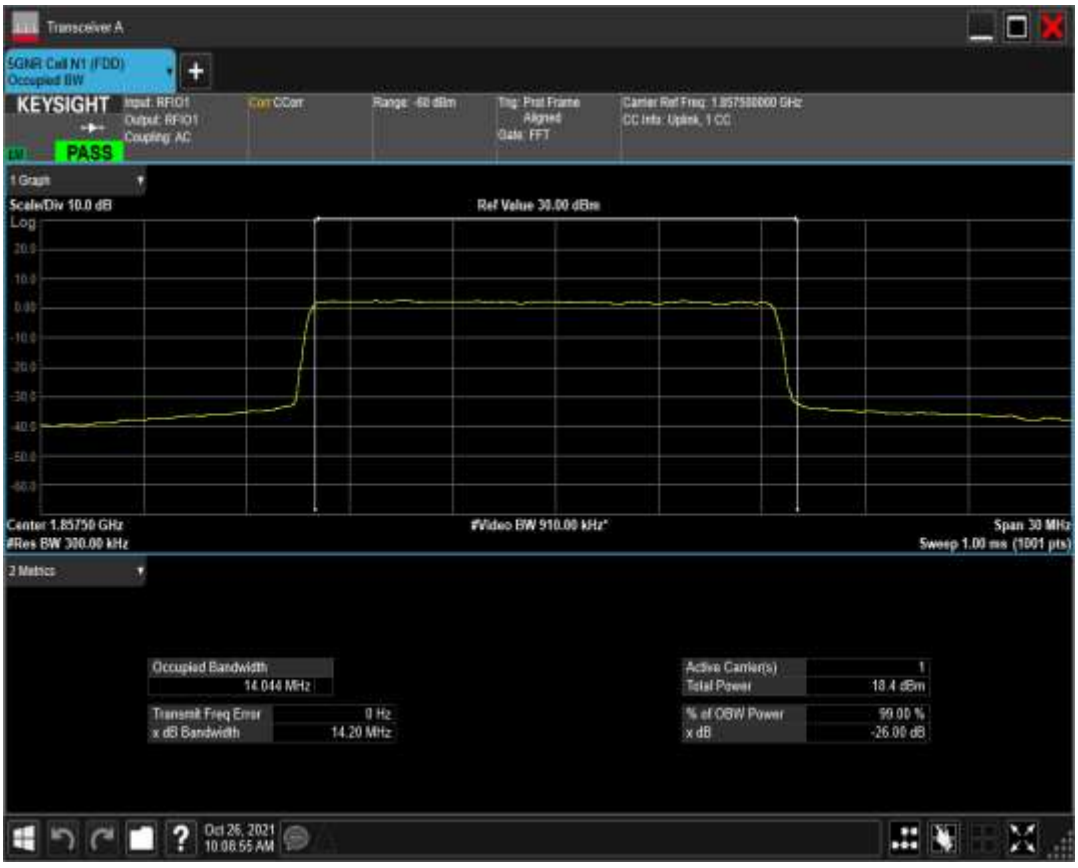
n2 SCS=15kHz DFT_QAM256 BW=10MHz Channel=376000 RB=50@0



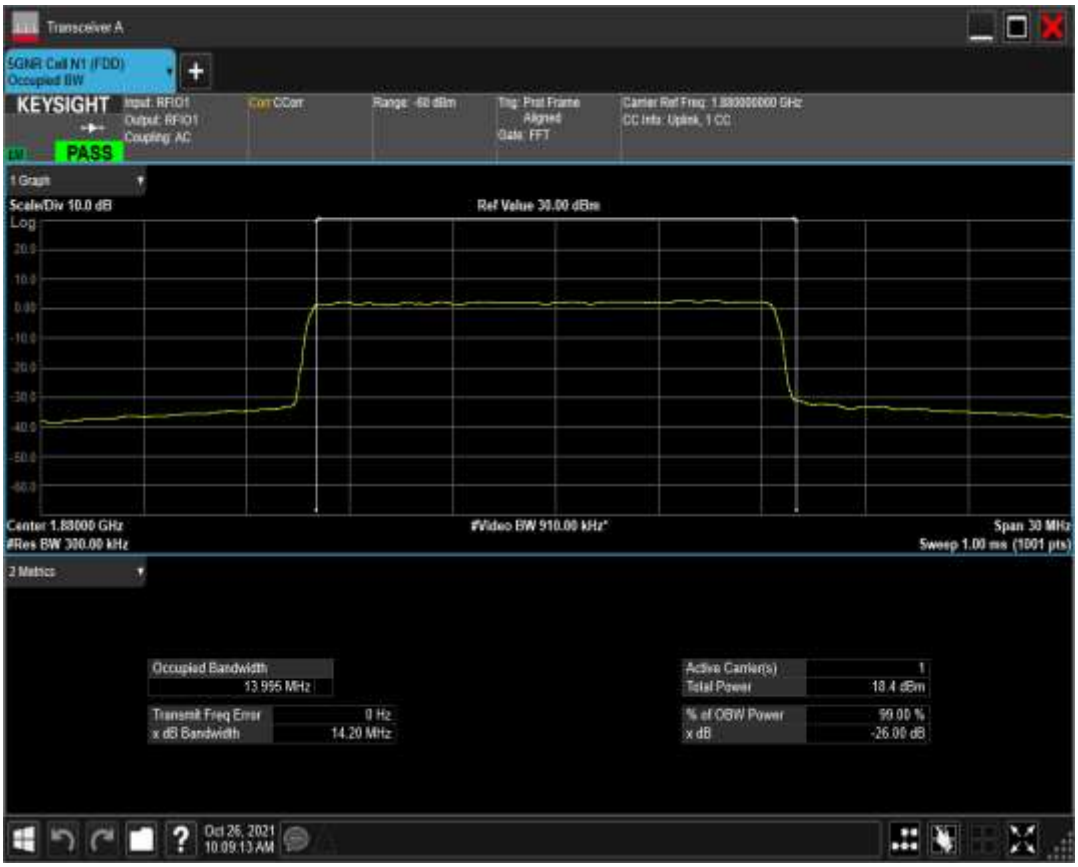
n2 SCS=15kHz DFT_QAM256 BW=10MHz Channel=381000 RB=50@0



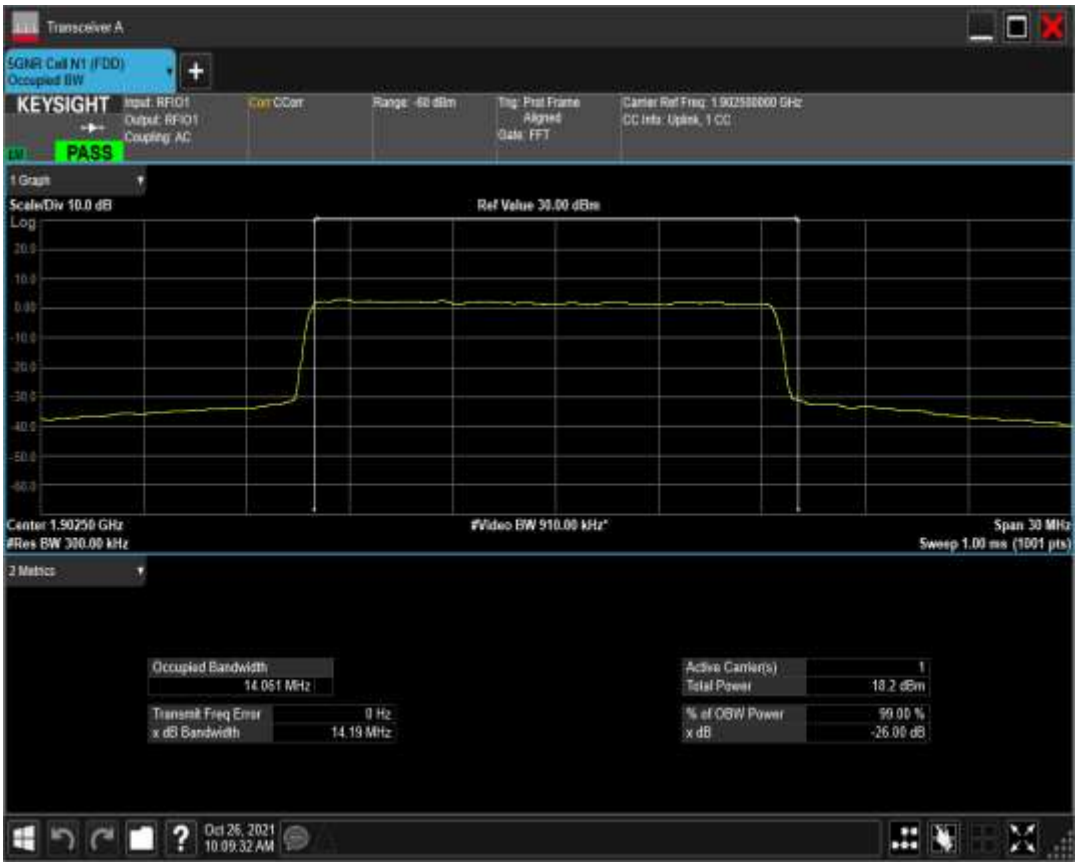
n2 SCS=15kHz DFT_QAM256 BW=15MHz Channel=371500 RB=75@0



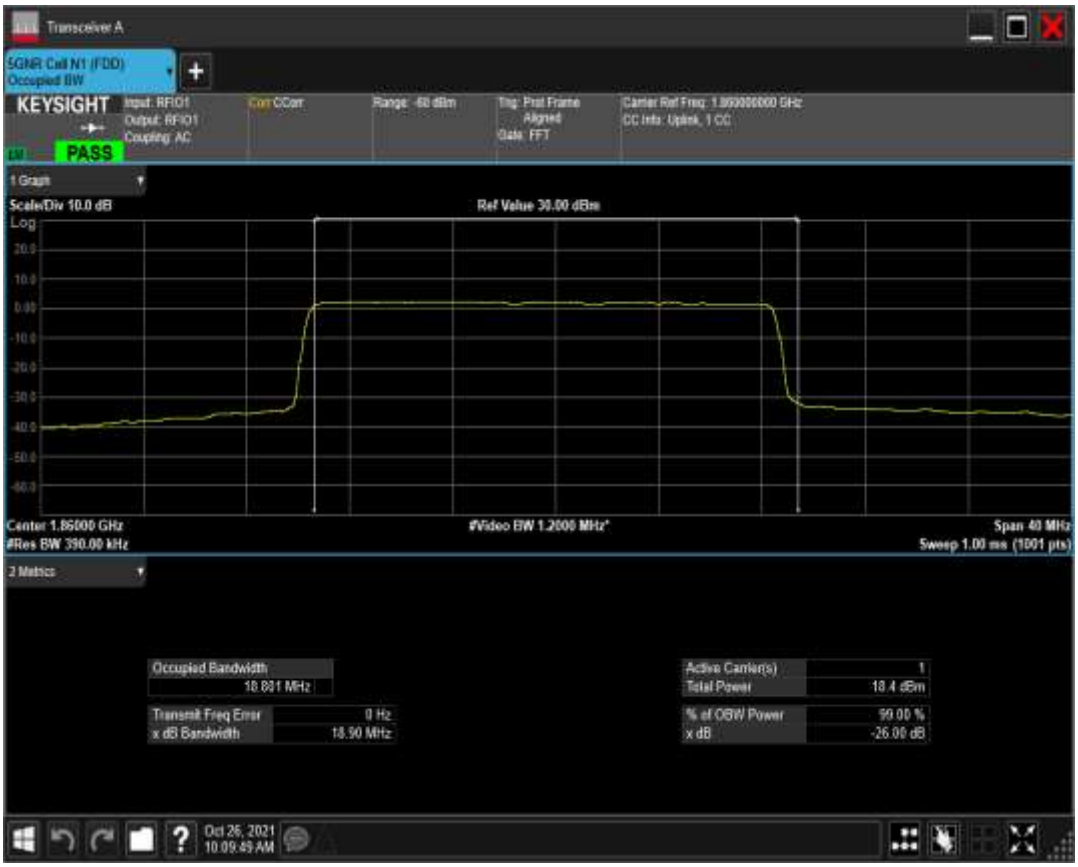
n2 SCS=15kHz DFT_QAM256 BW=15MHz Channel=376000 RB=75@0



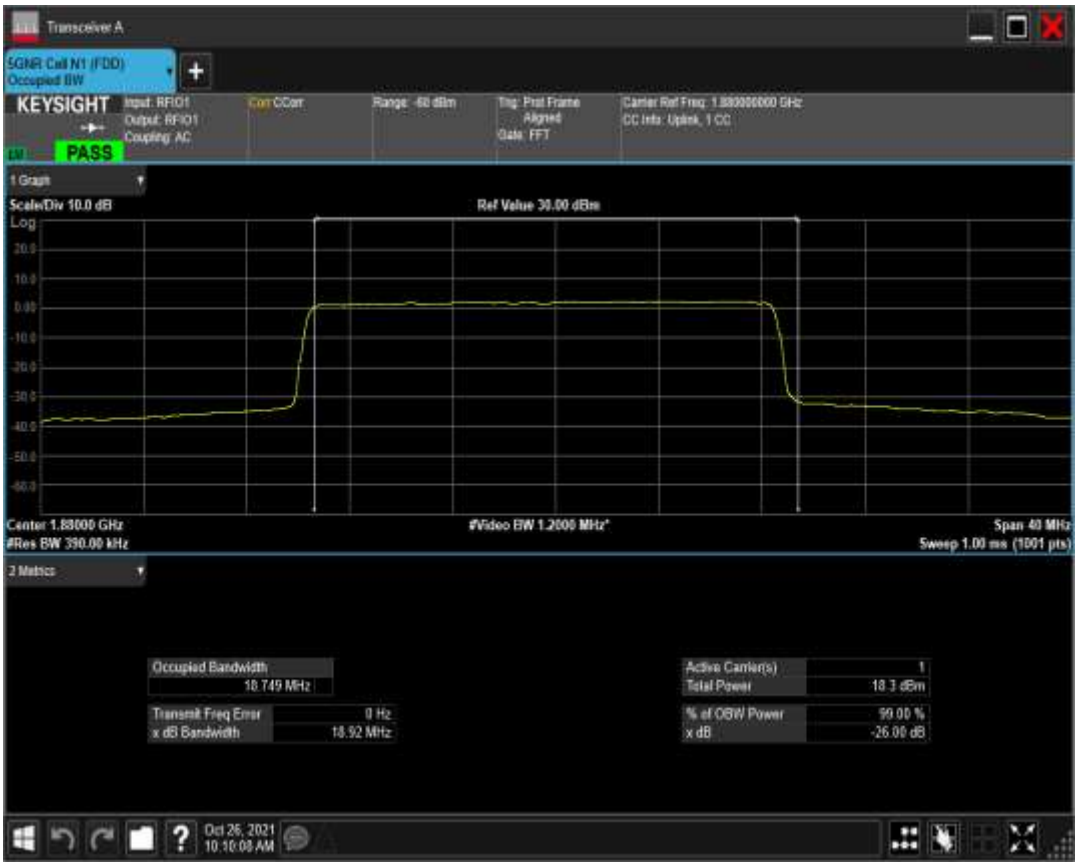
n2 SCS=15kHz DFT_QAM256 BW=15MHz Channel=380500 RB=75@0



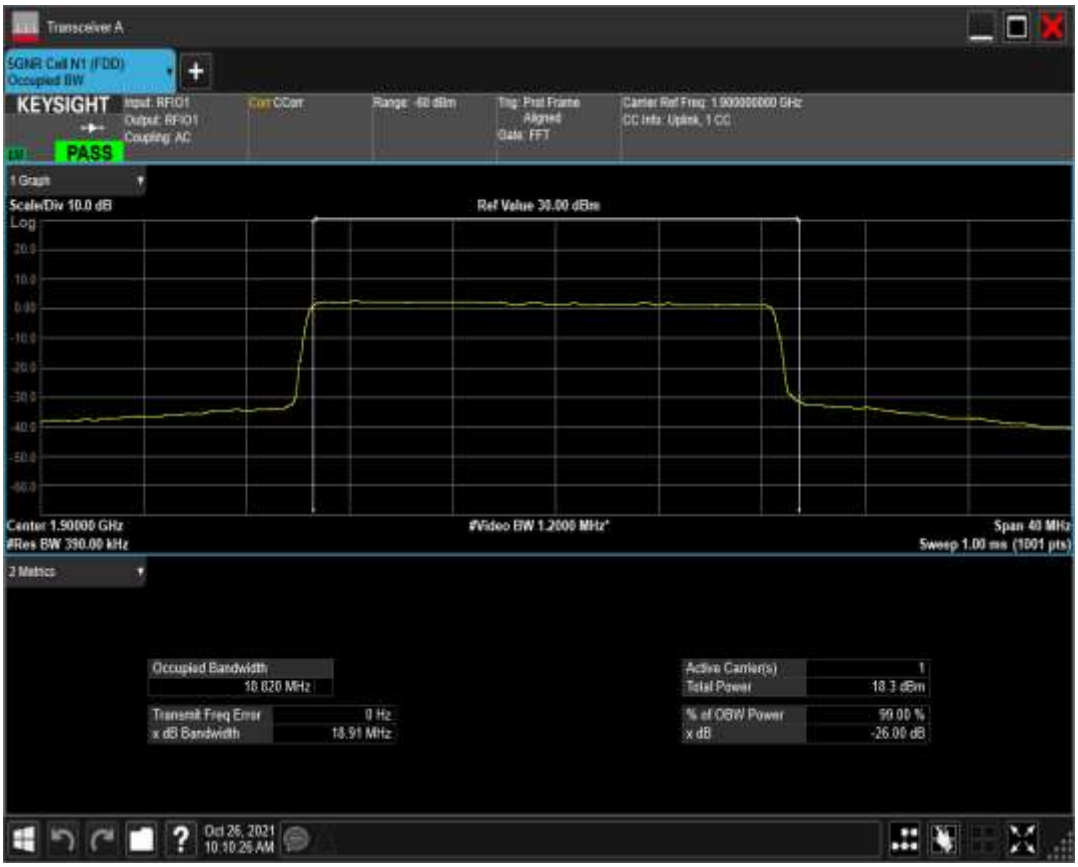
n2 SCS=15kHz DFT_QAM256 BW=20MHz Channel=372000 RB=100@0



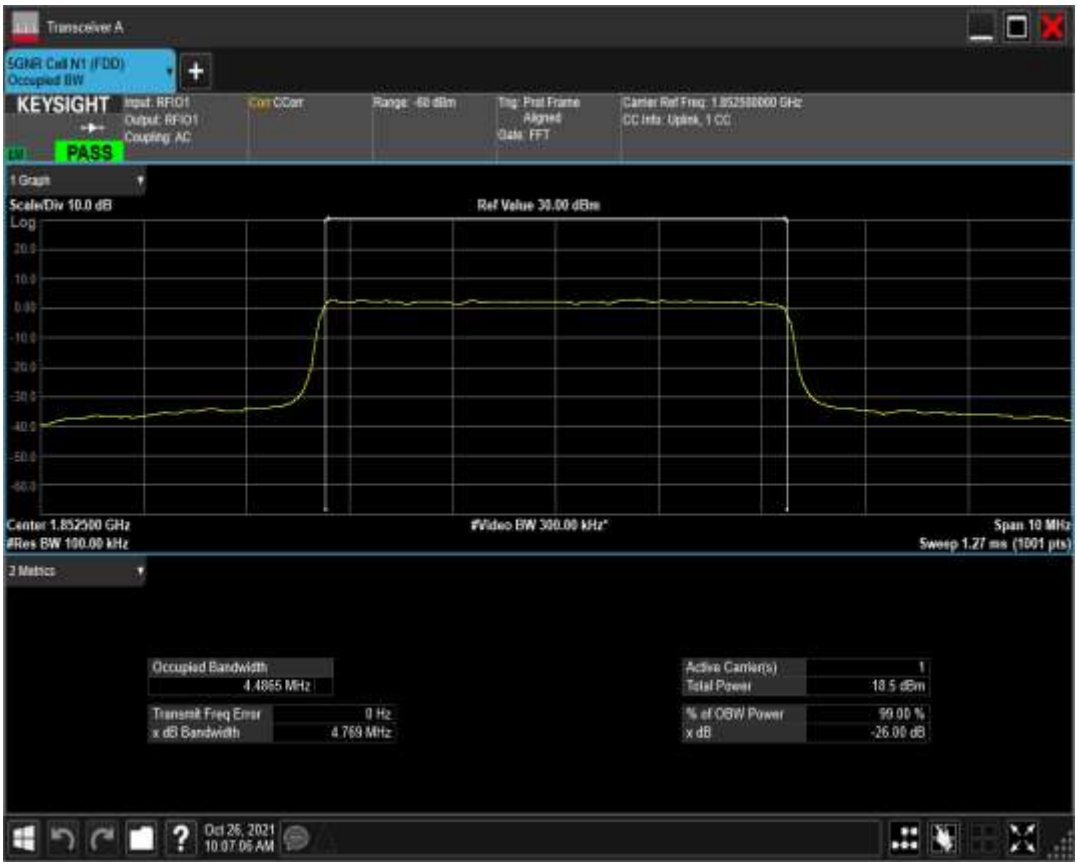
n2 SCS=15kHz DFT_QAM256 BW=20MHz Channel=376000 RB=100@0



n2 SCS=15kHz DFT_QAM256 BW=20MHz Channel=380000 RB=100@0

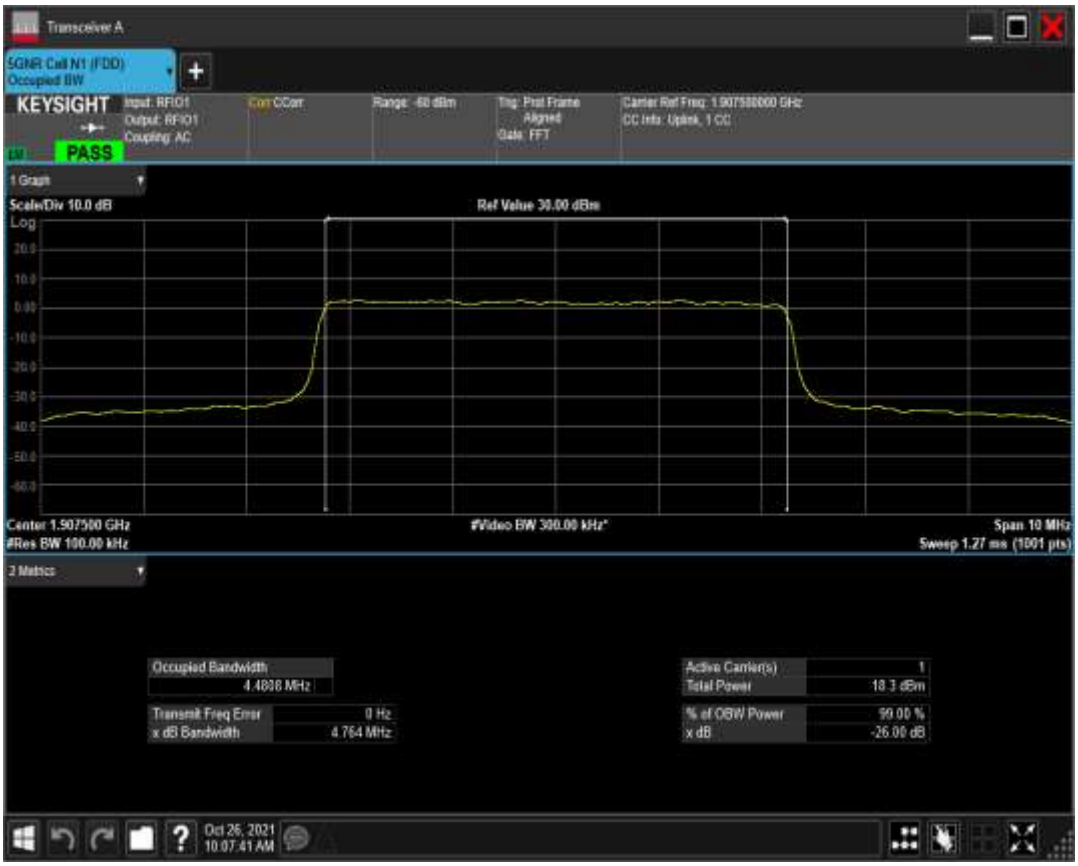


n2 SCS=15kHz DFT_QAM256 BW=5MHz Channel=370500 RB=25@0

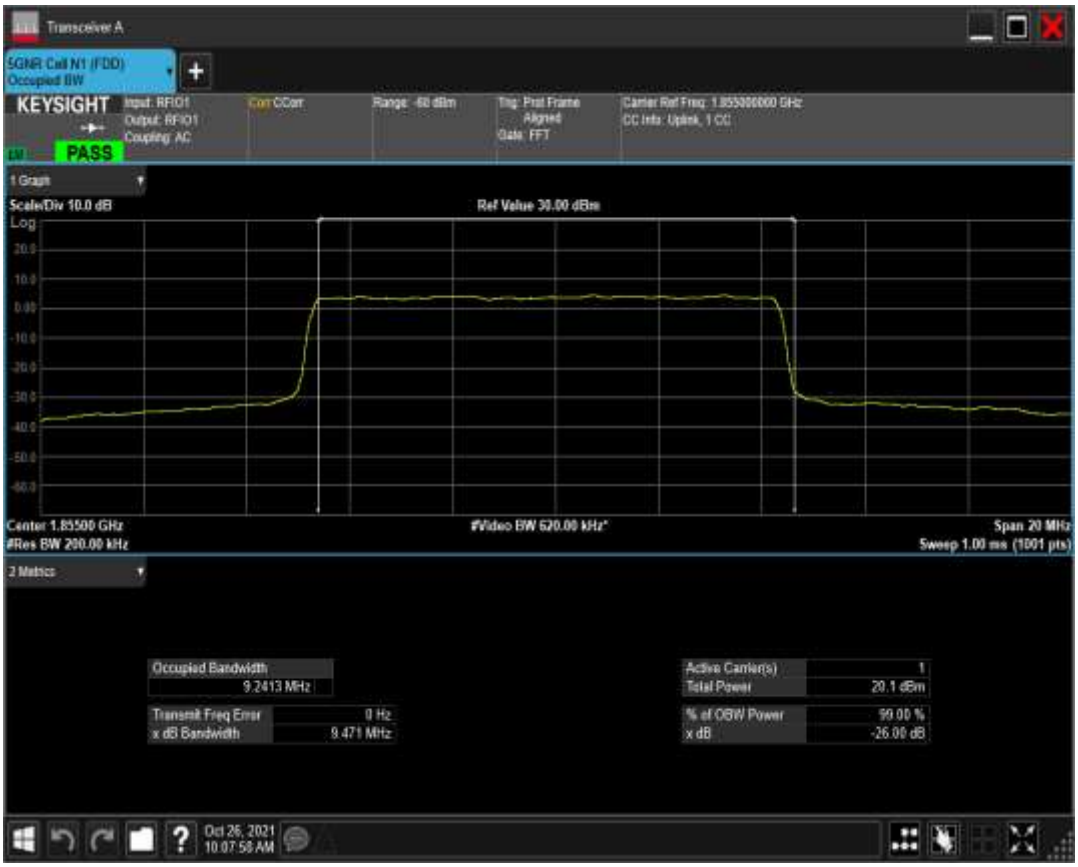


n2 SCS=15kHz DFT_QAM256 BW=5MHz Channel=376000 RB=25@0

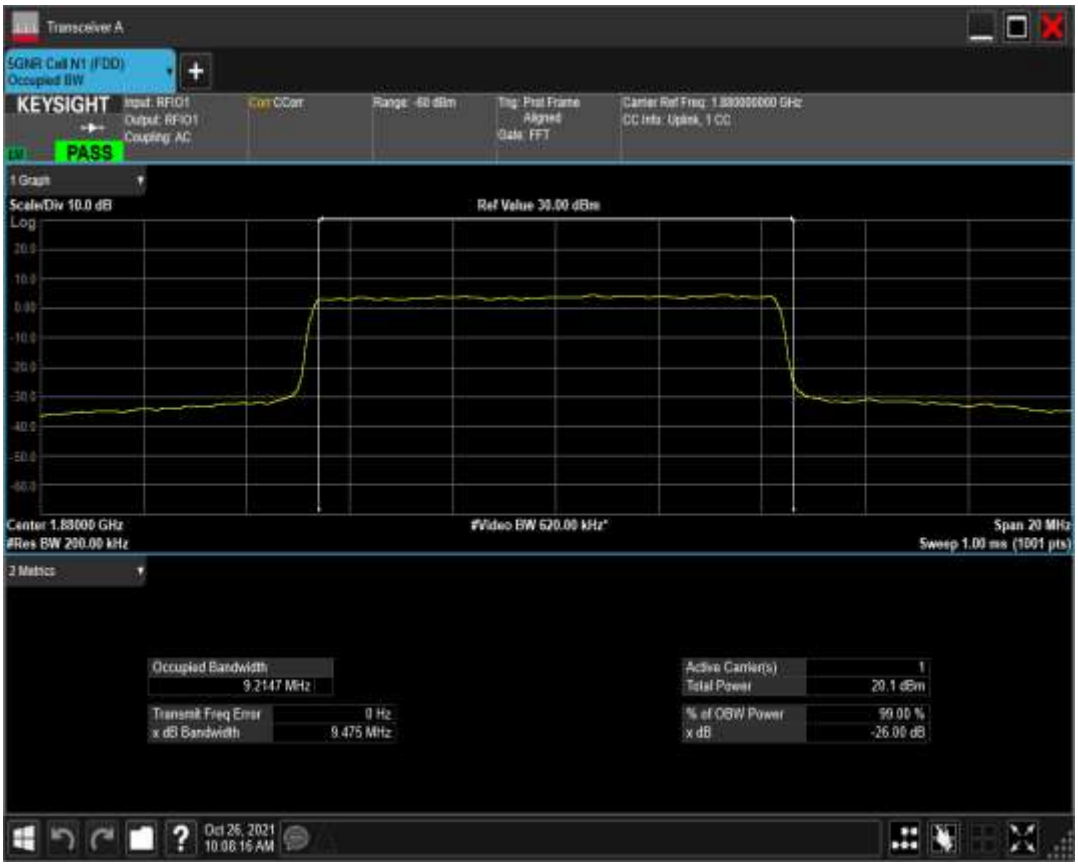
n2 SCS=15kHz DFT_QAM256 BW=5MHz Channel=381500 RB=25@0



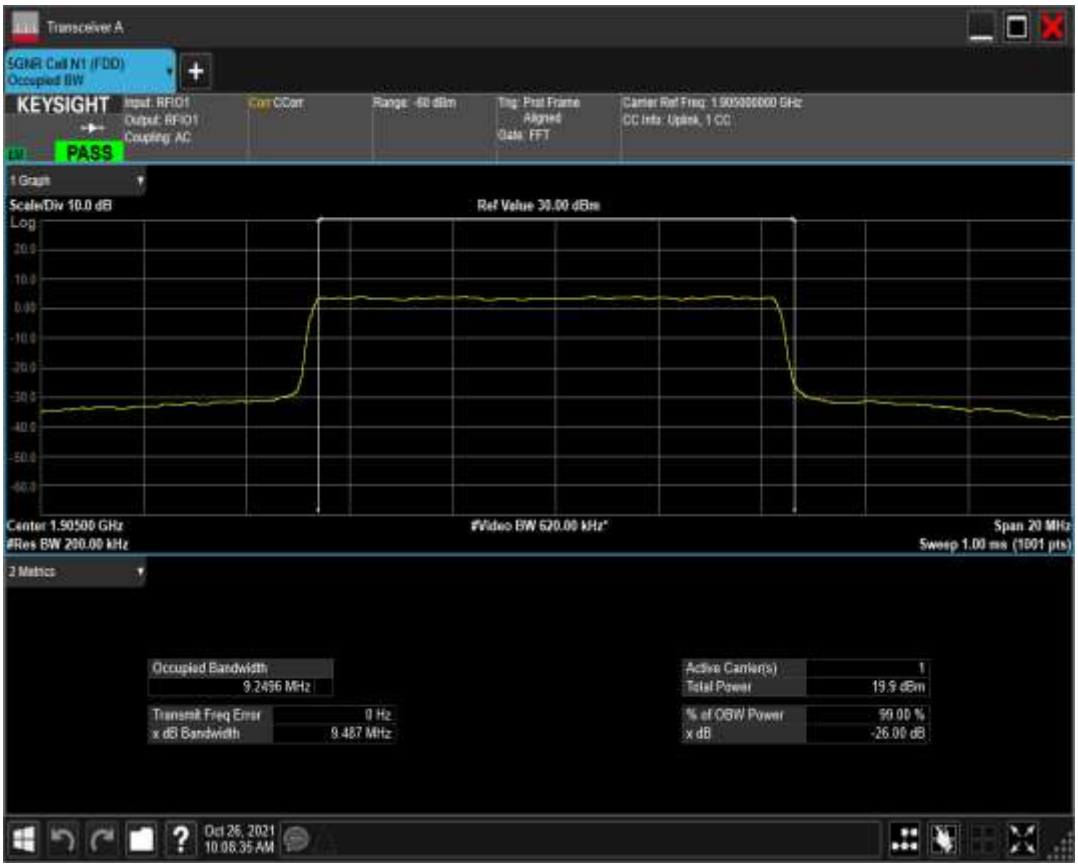
n2 SCS=15kHz DFT_QAM64 BW=10MHz Channel=371000 RB=50@0



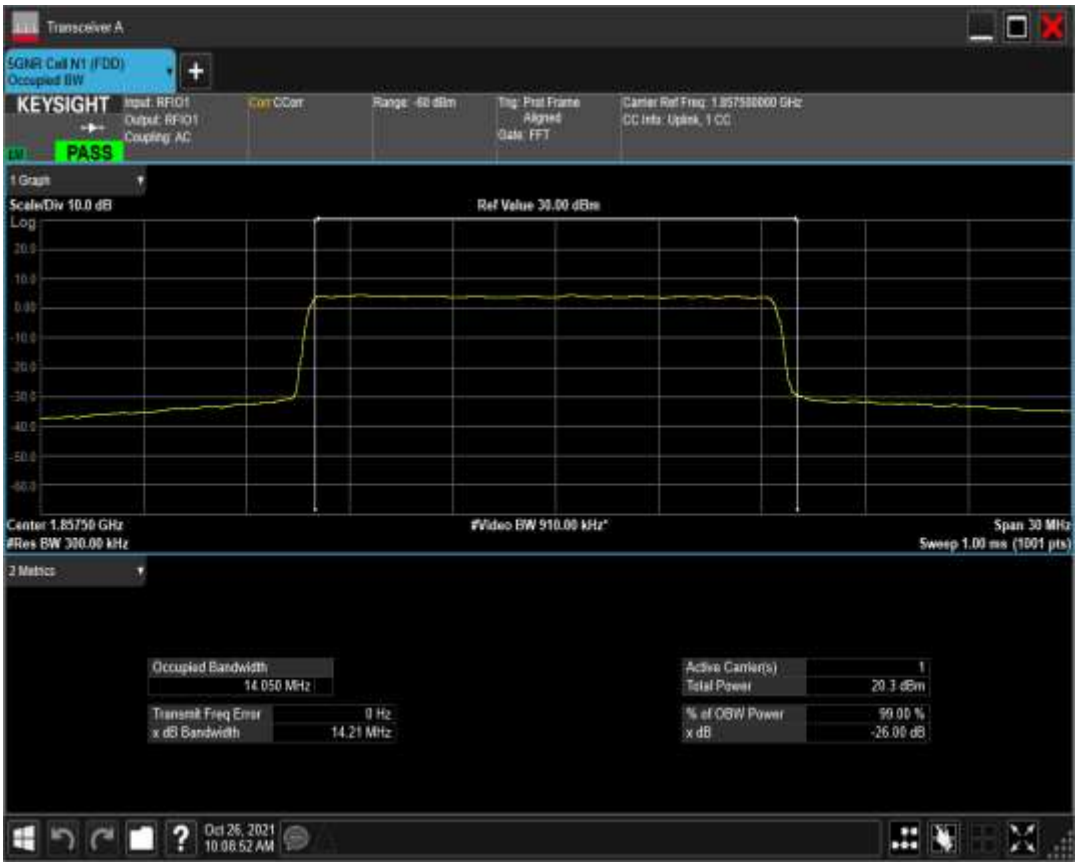
n2 SCS=15kHz DFT_QAM64 BW=10MHz Channel=376000 RB=50@0



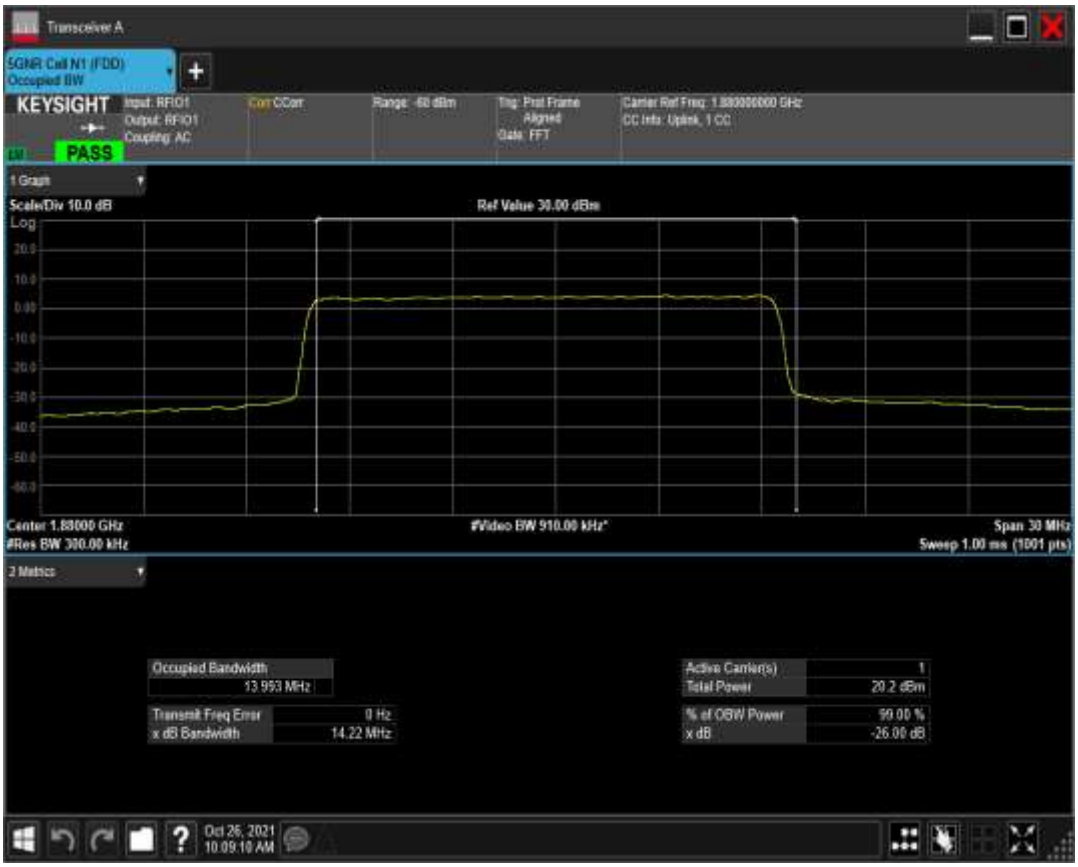
n2 SCS=15kHz DFT_QAM64 BW=10MHz Channel=381000 RB=50@0



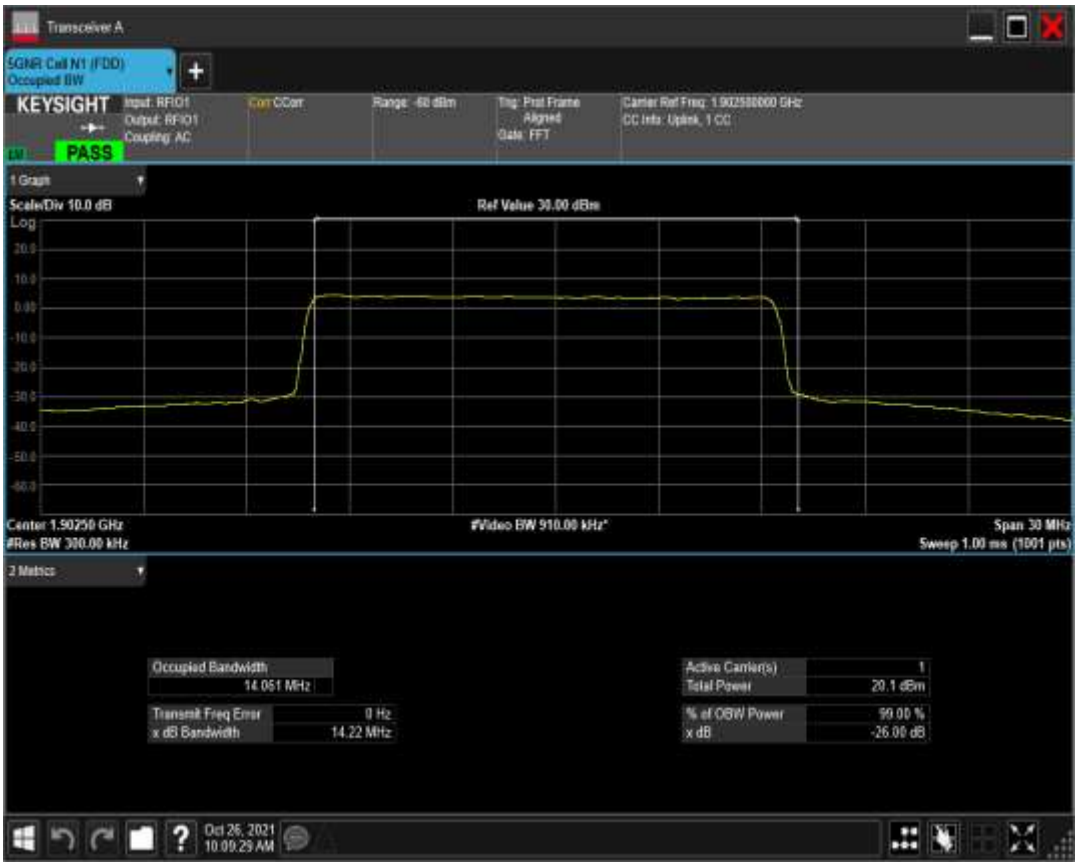
n2 SCS=15kHz DFT_QAM64 BW=15MHz Channel=371500 RB=75@0



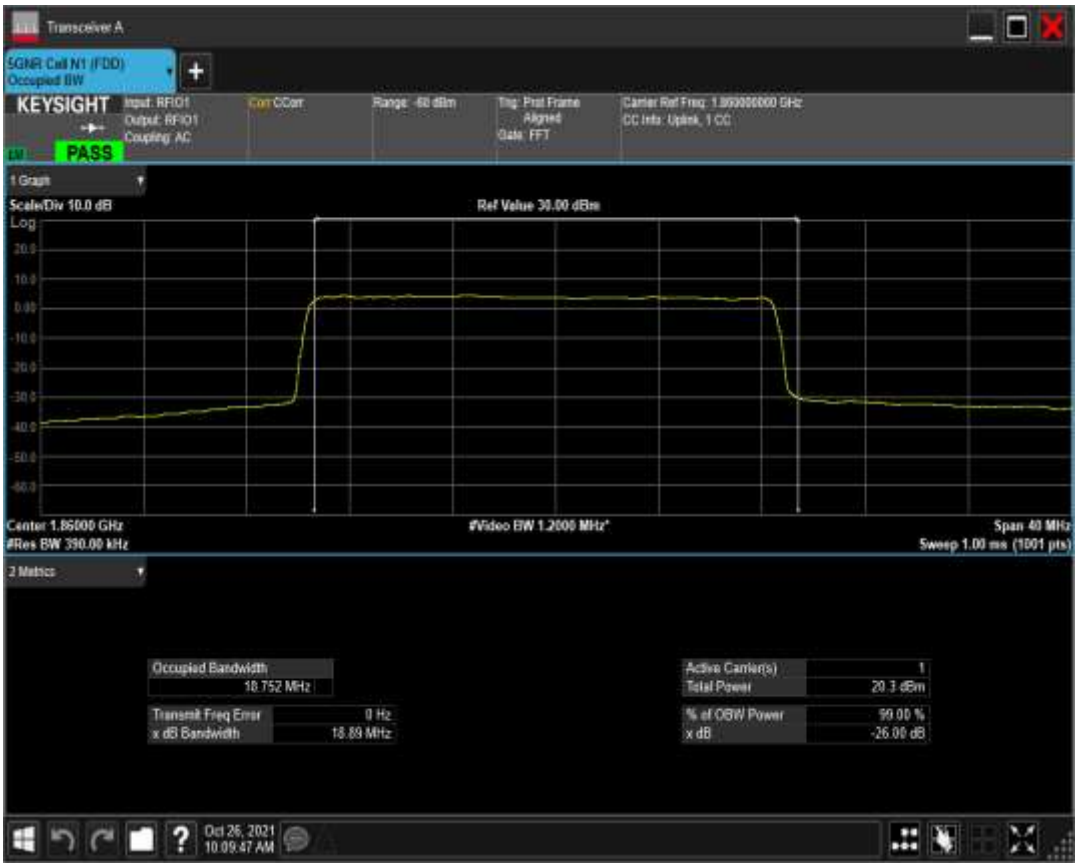
n2 SCS=15kHz DFT_QAM64 BW=15MHz Channel=376000 RB=75@0



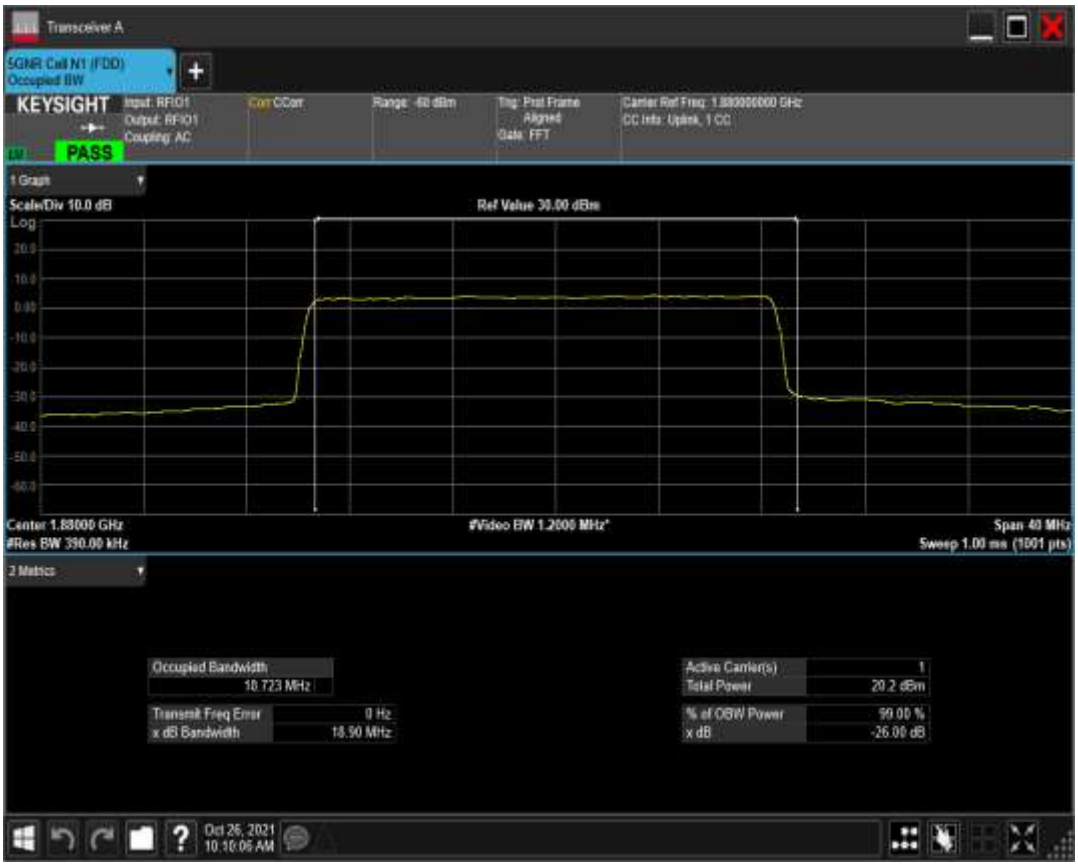
n2 SCS=15kHz DFT_QAM64 BW=15MHz Channel=380500 RB=75@0



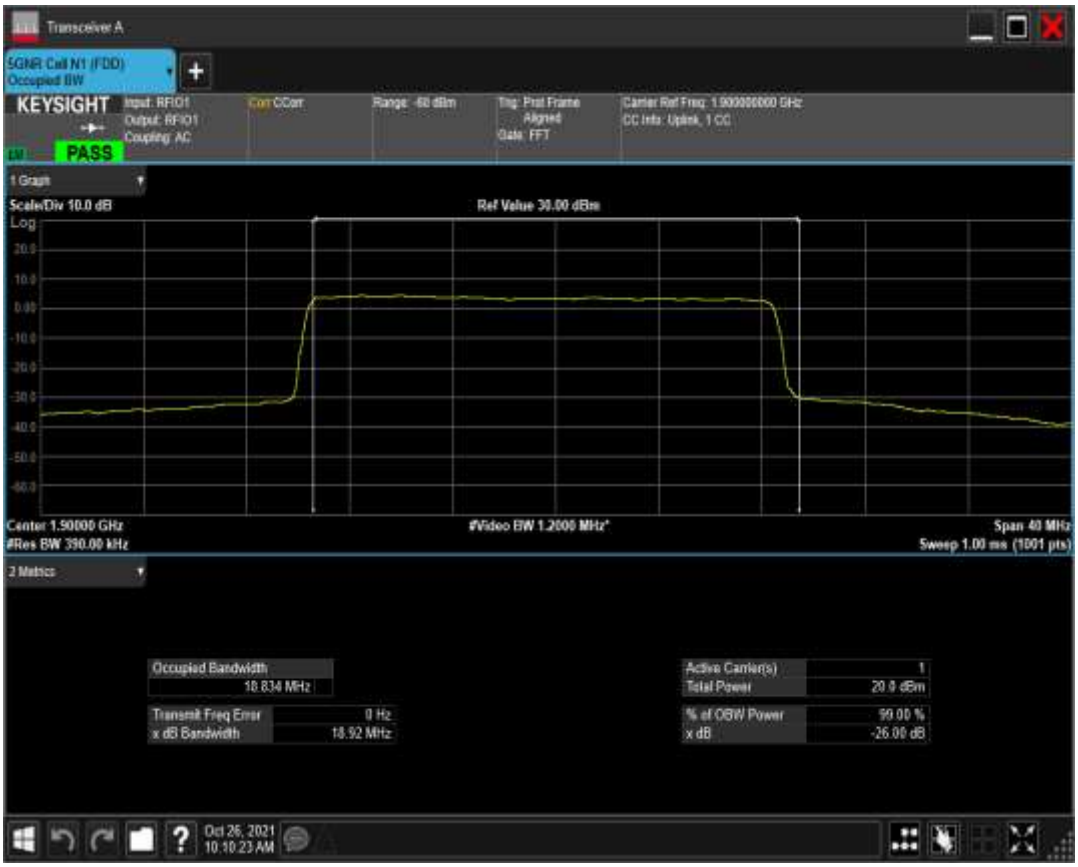
n2 SCS=15kHz DFT_QAM64 BW=20MHz Channel=372000 RB=100@0



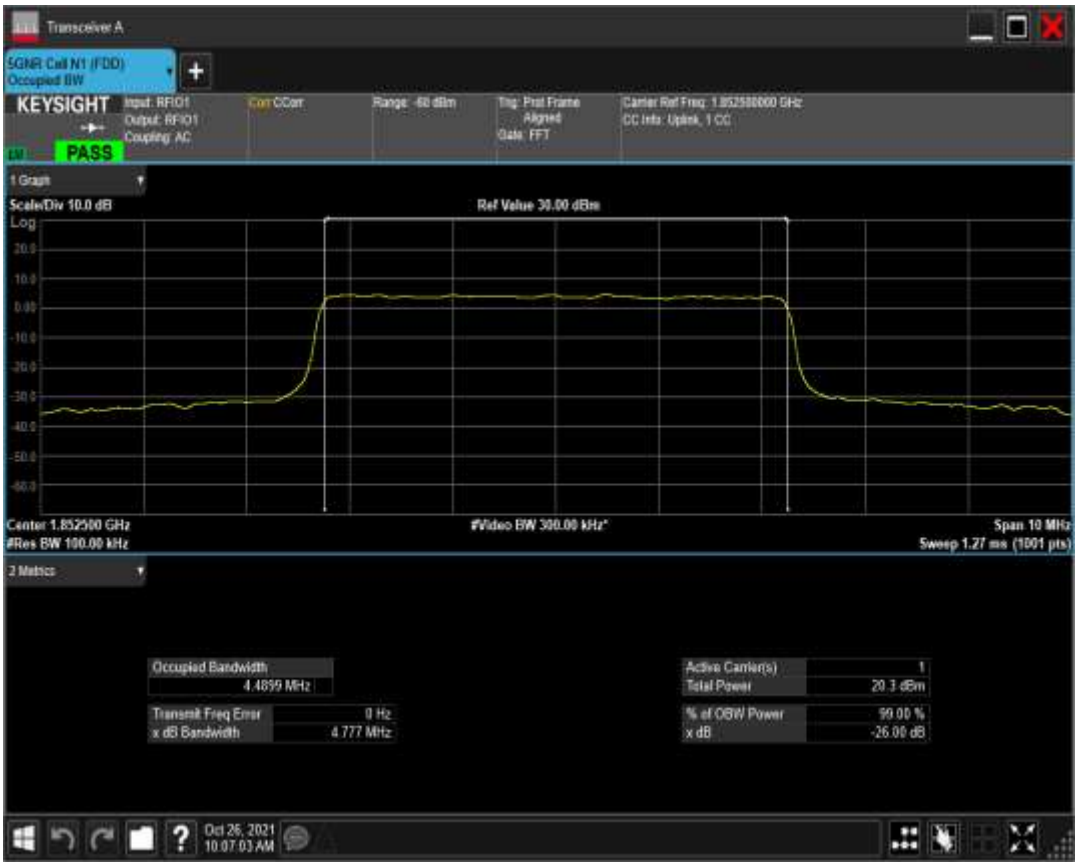
n2 SCS=15kHz DFT_QAM64 BW=20MHz Channel=376000 RB=100@0



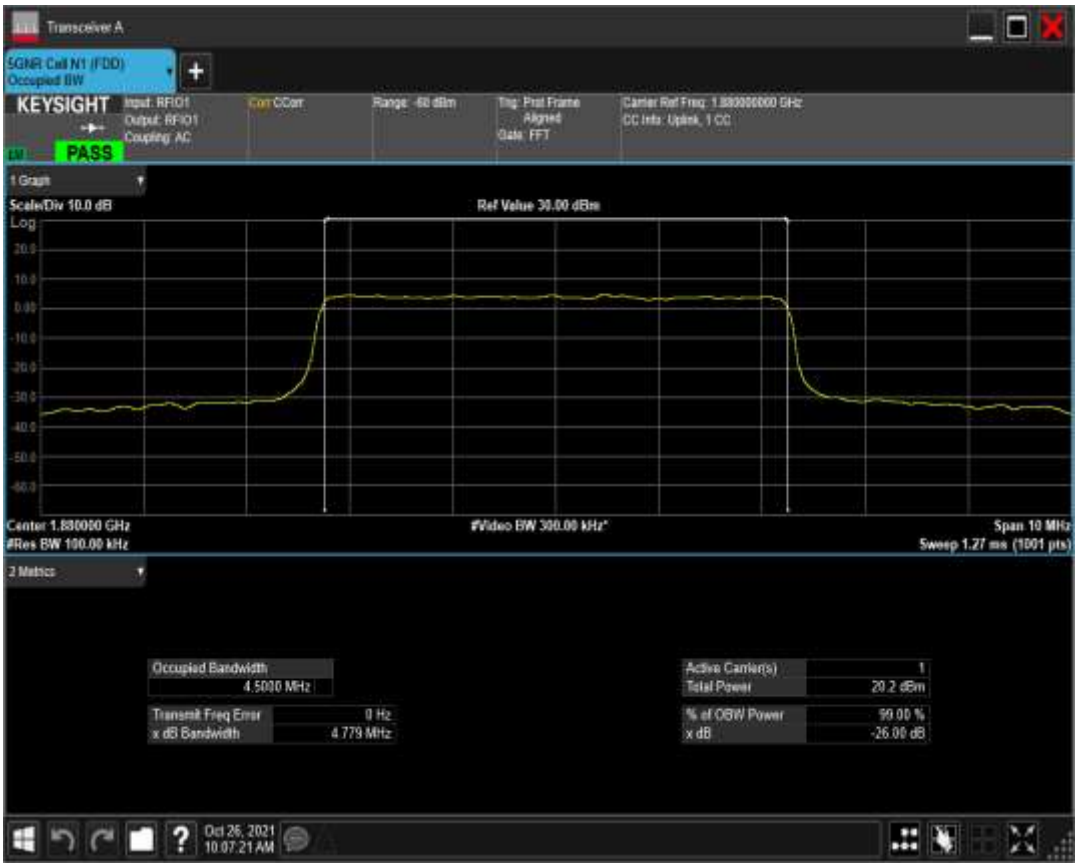
n2 SCS=15kHz DFT_QAM64 BW=20MHz Channel=380000 RB=100@0



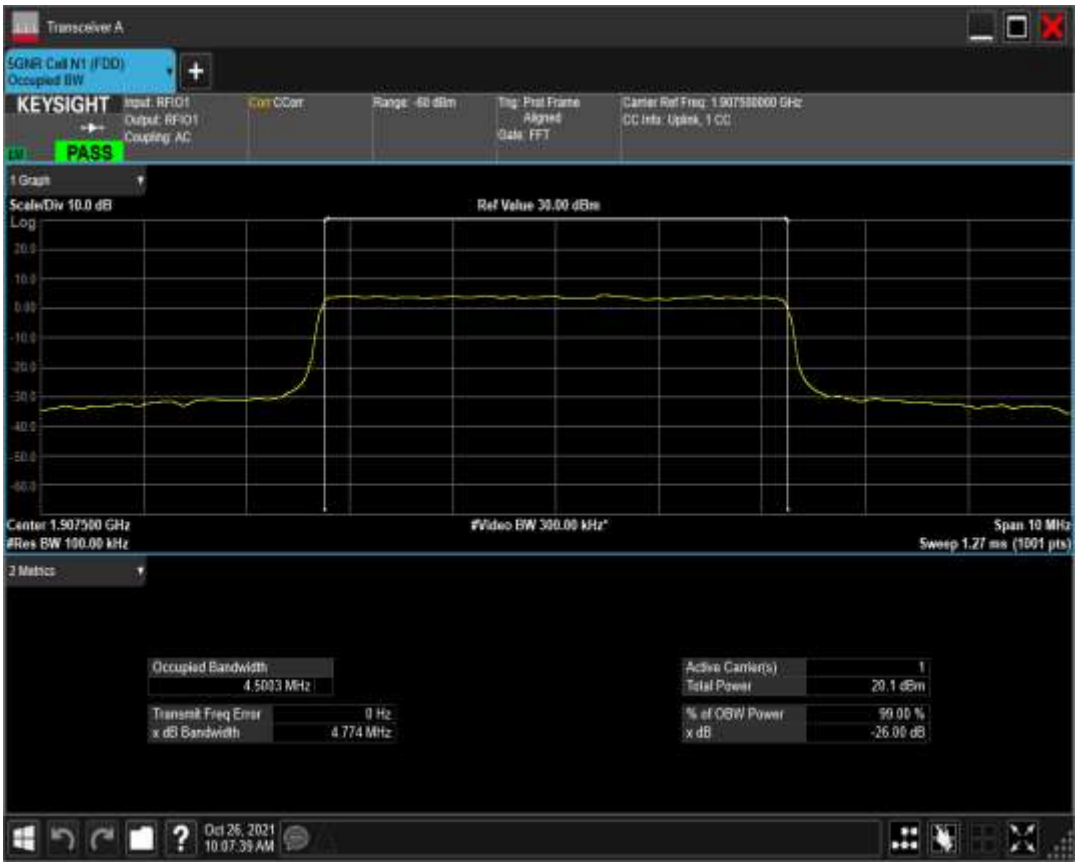
n2 SCS=15kHz DFT_QAM64 BW=5MHz Channel=370500 RB=25@0



n2 SCS=15kHz DFT_QAM64 BW=5MHz Channel=376000 RB=25@0

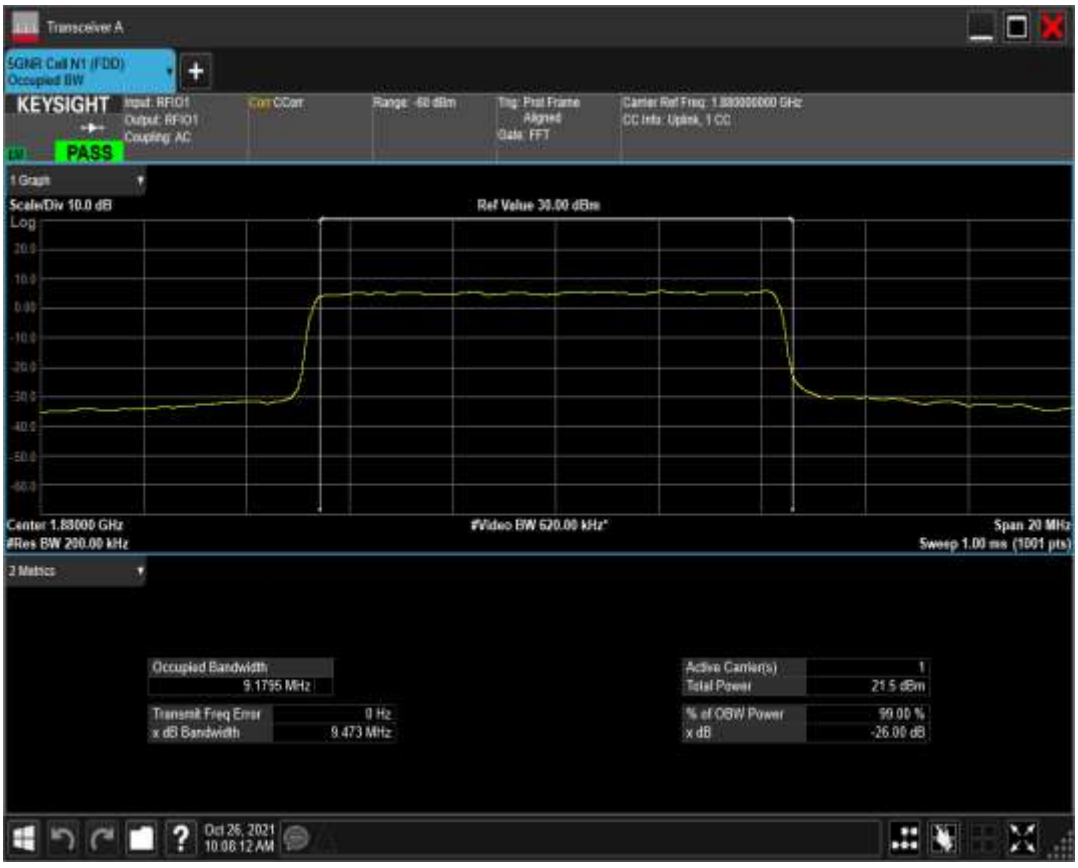


n2 SCS=15kHz DFT_QAM64 BW=5MHz Channel=381500 RB=25@0



n2 SCS=15kHz DFT_QPSK BW=10MHz Channel=371000 RB=50@0

n2 SCS=15kHz DFT_QPSK BW=10MHz Channel=376000 RB=50@0



n2 SCS=15kHz DFT_QPSK BW=10MHz Channel=381000 RB=50@0

n2 SCS=15kHz DFT_QPSK BW=15MHz Channel=371500 RB=75@0

n2 SCS=15kHz DFT_QPSK BW=15MHz Channel=376000 RB=75@0