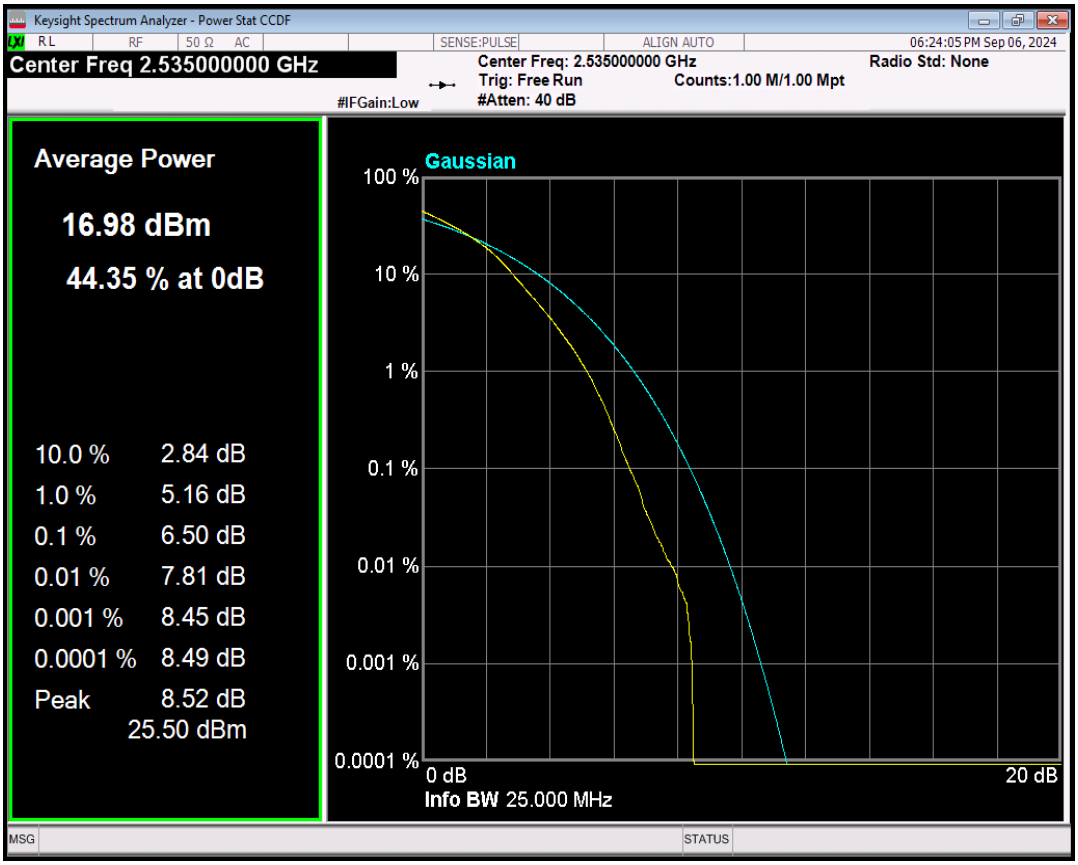
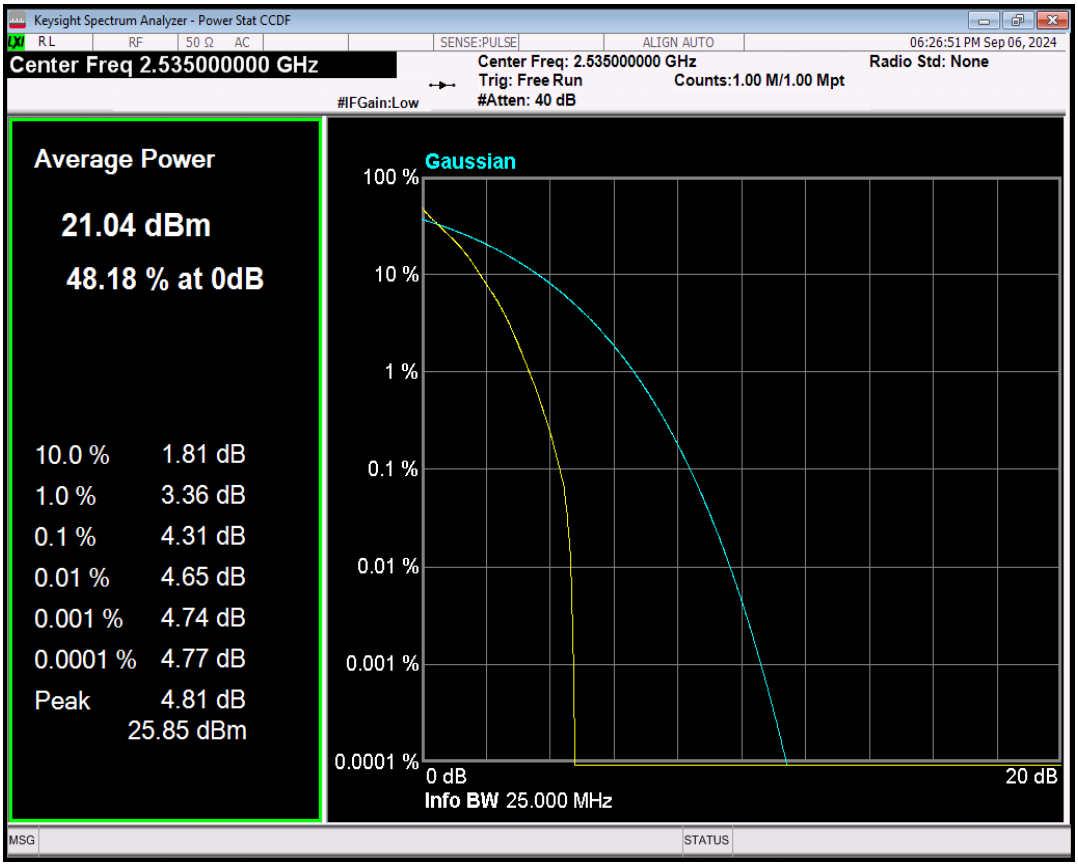
n7 SCS=15kHz DFT_QAM256 BW=10MHz Channel=507000 RB=50@0



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



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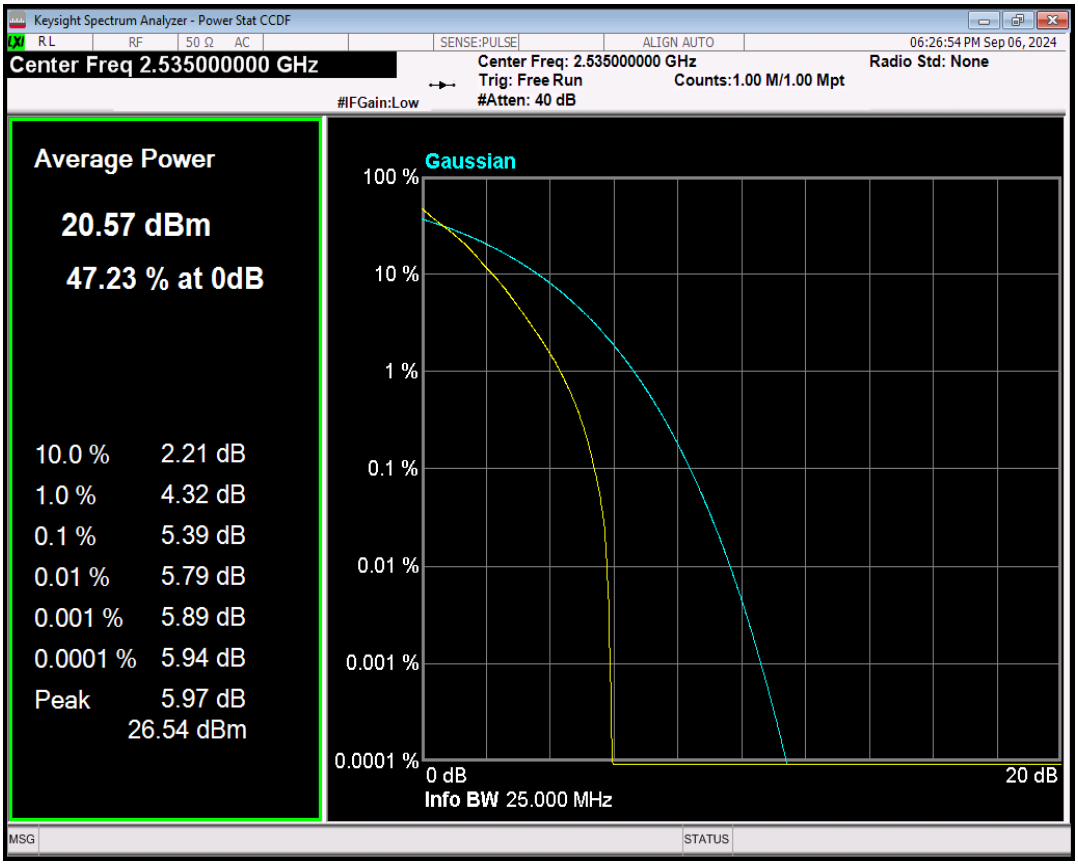

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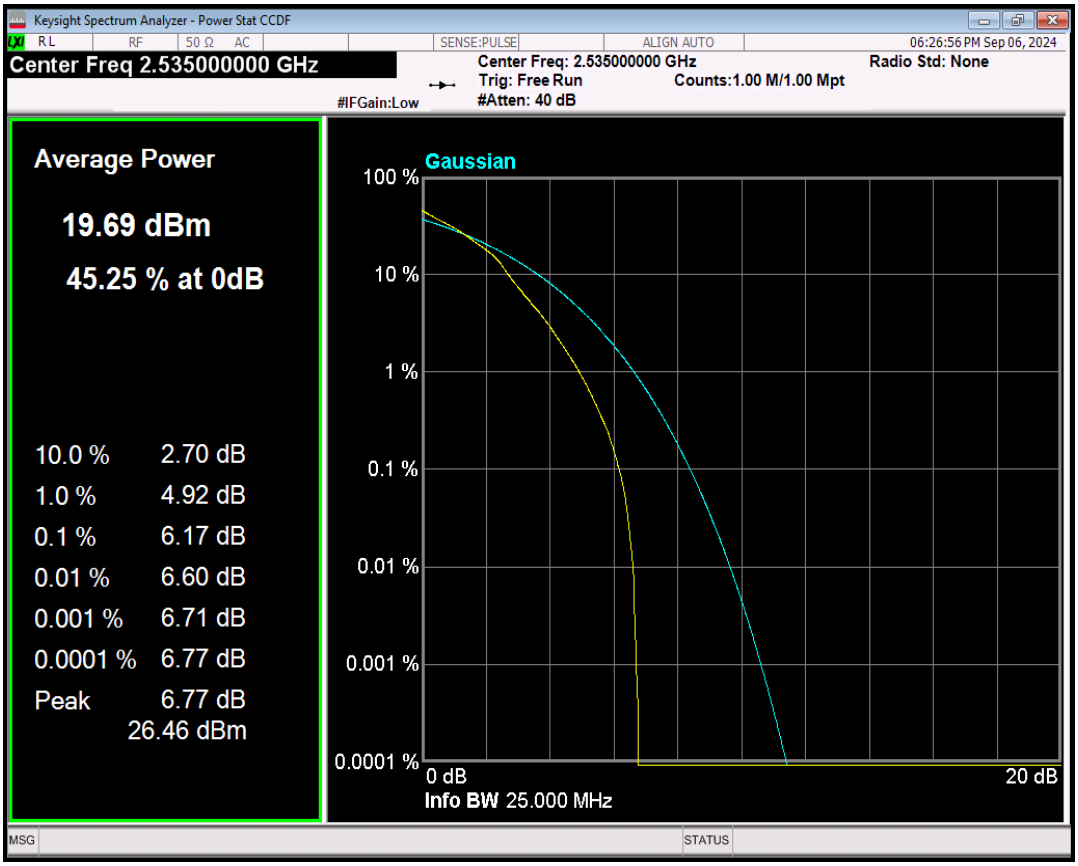

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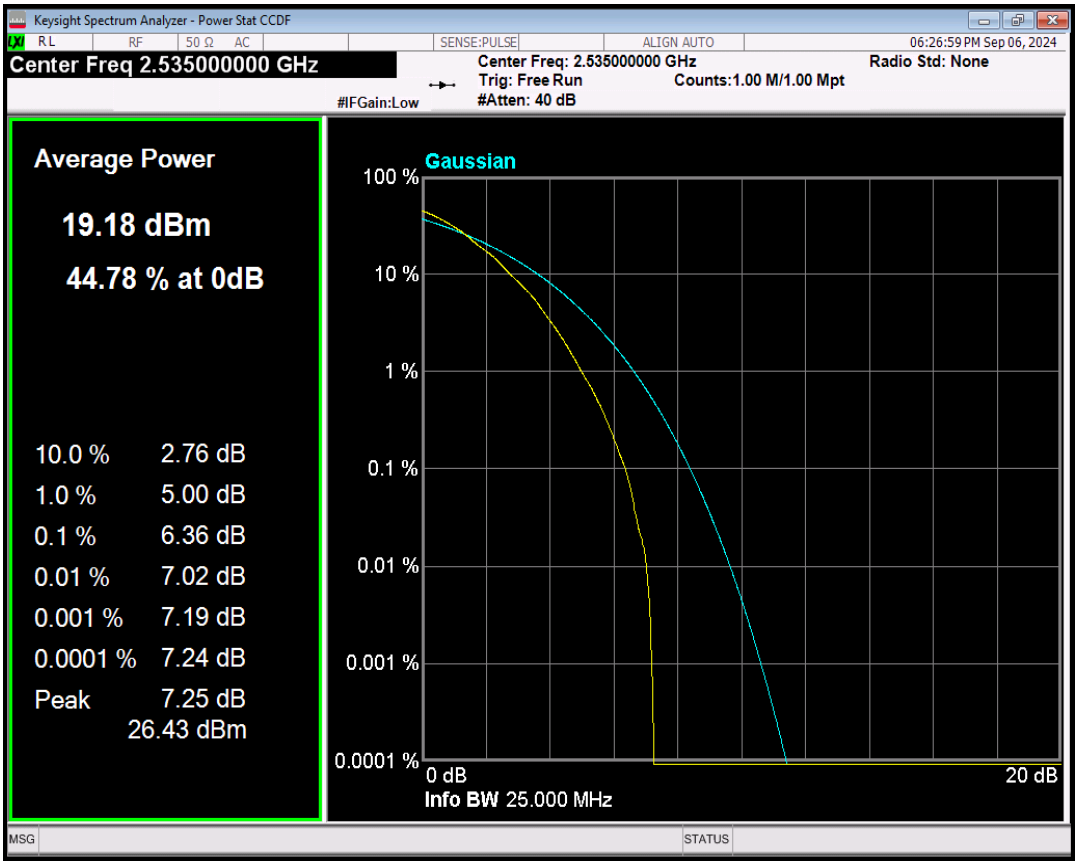
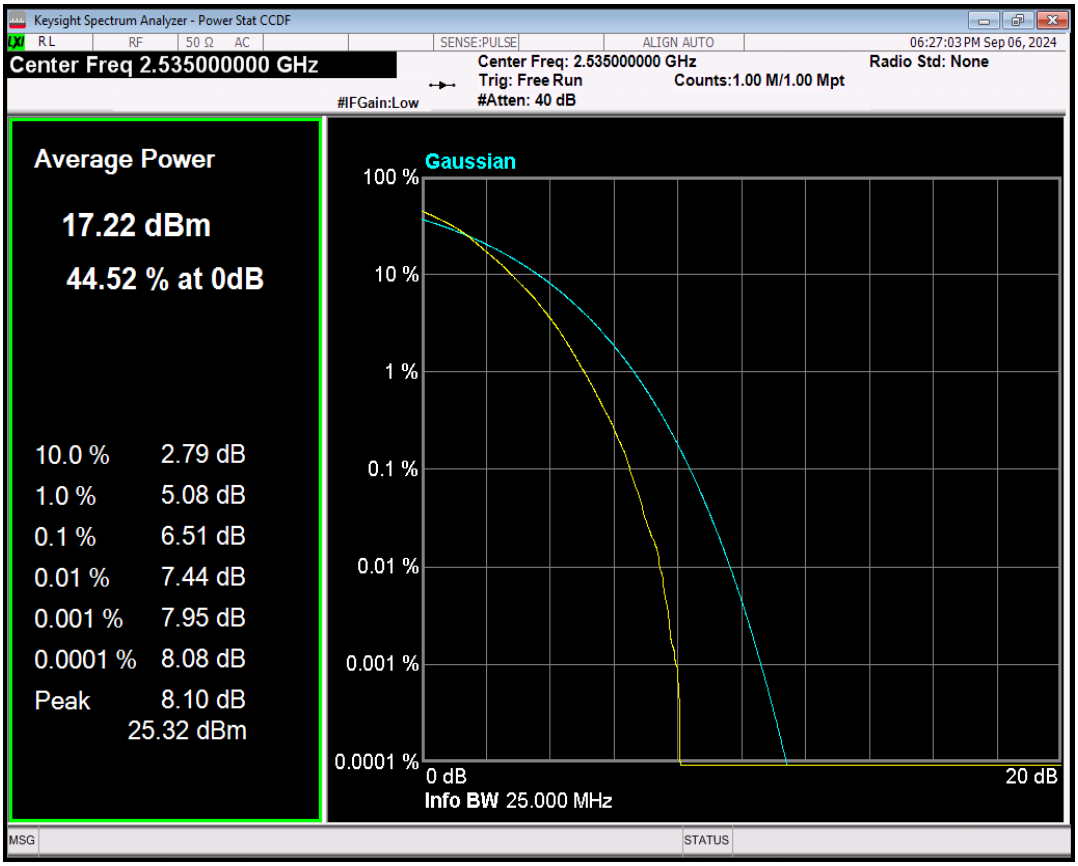
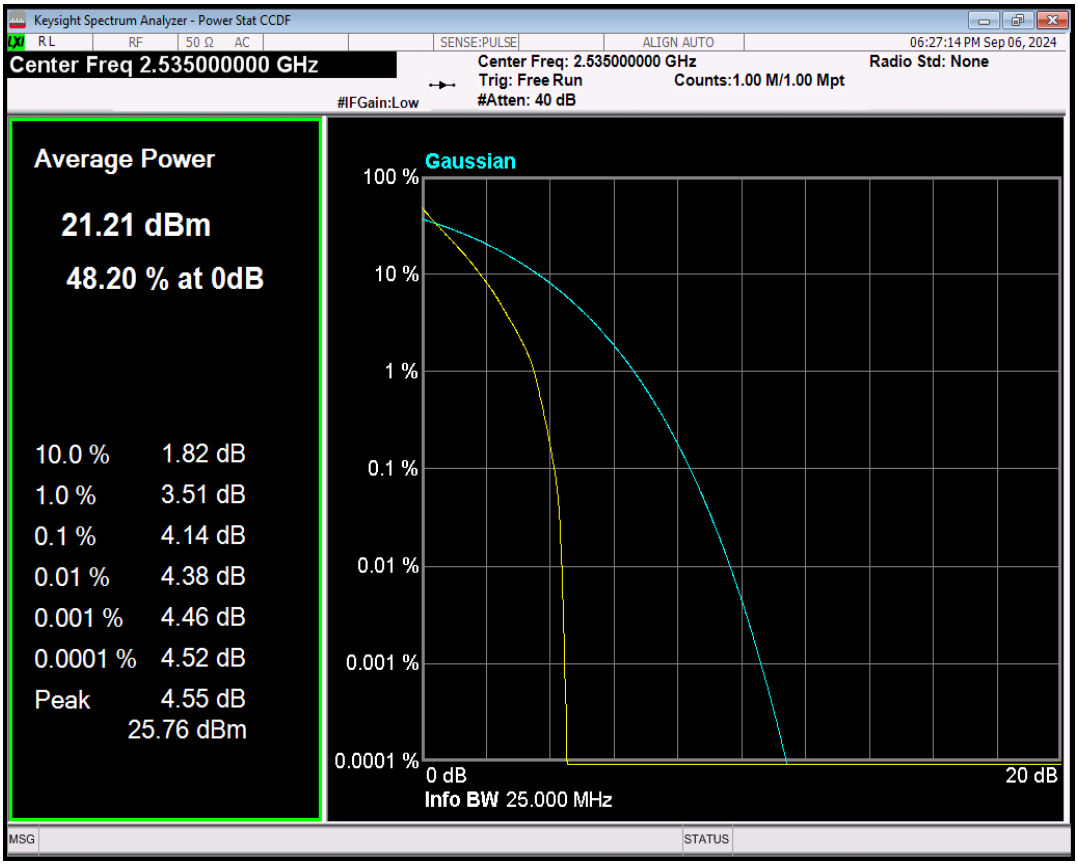


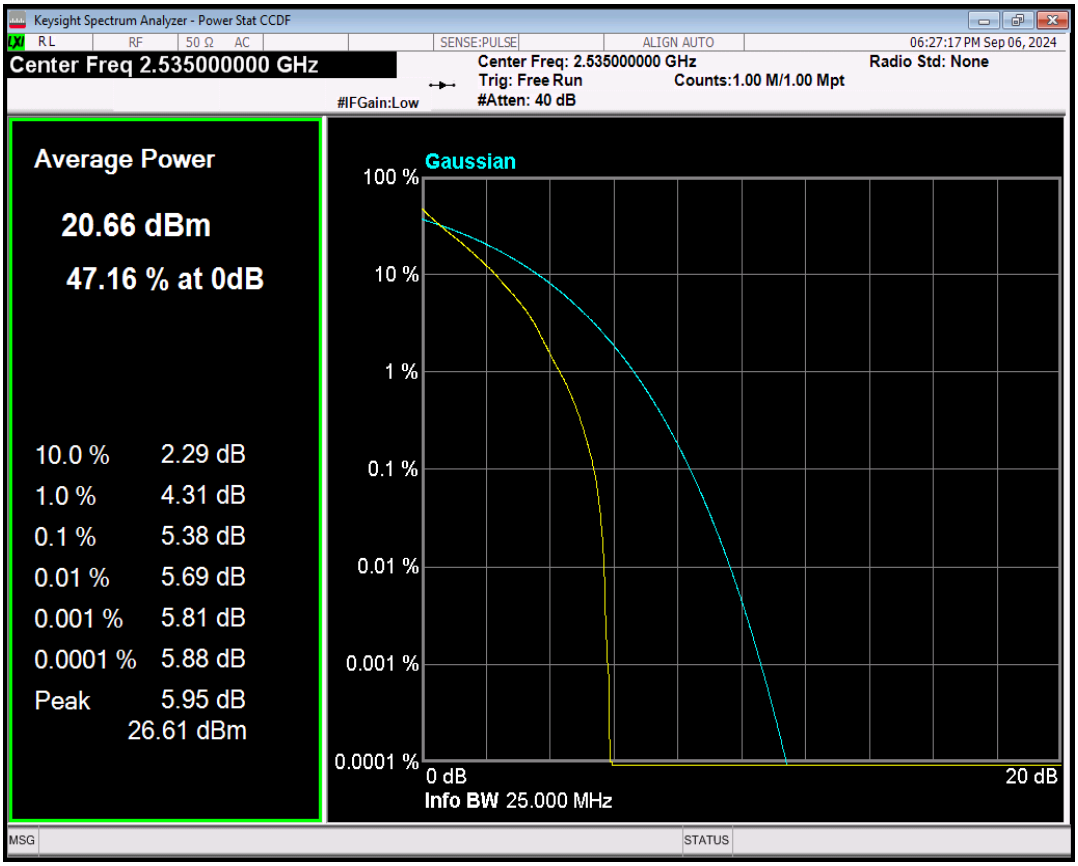
n7 SCS=15kHz DFT_QAM256 BW=15MHz Channel=507000 RB=75@0



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



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



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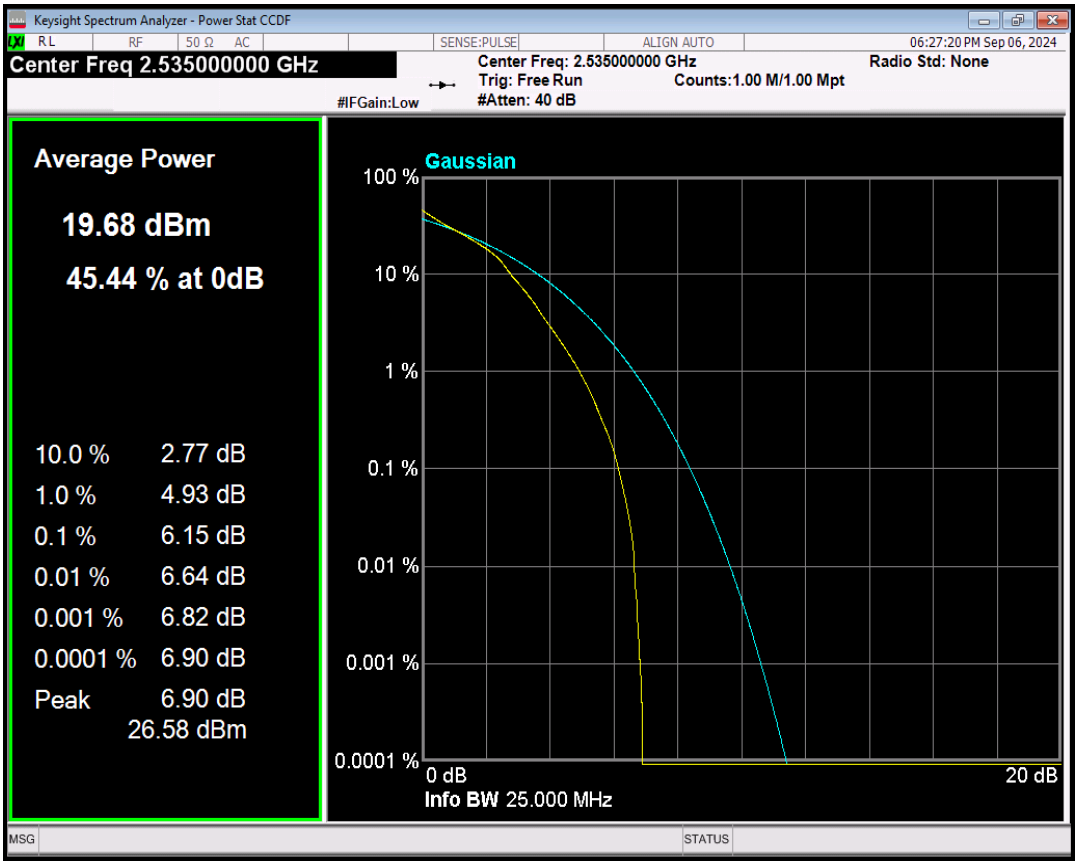

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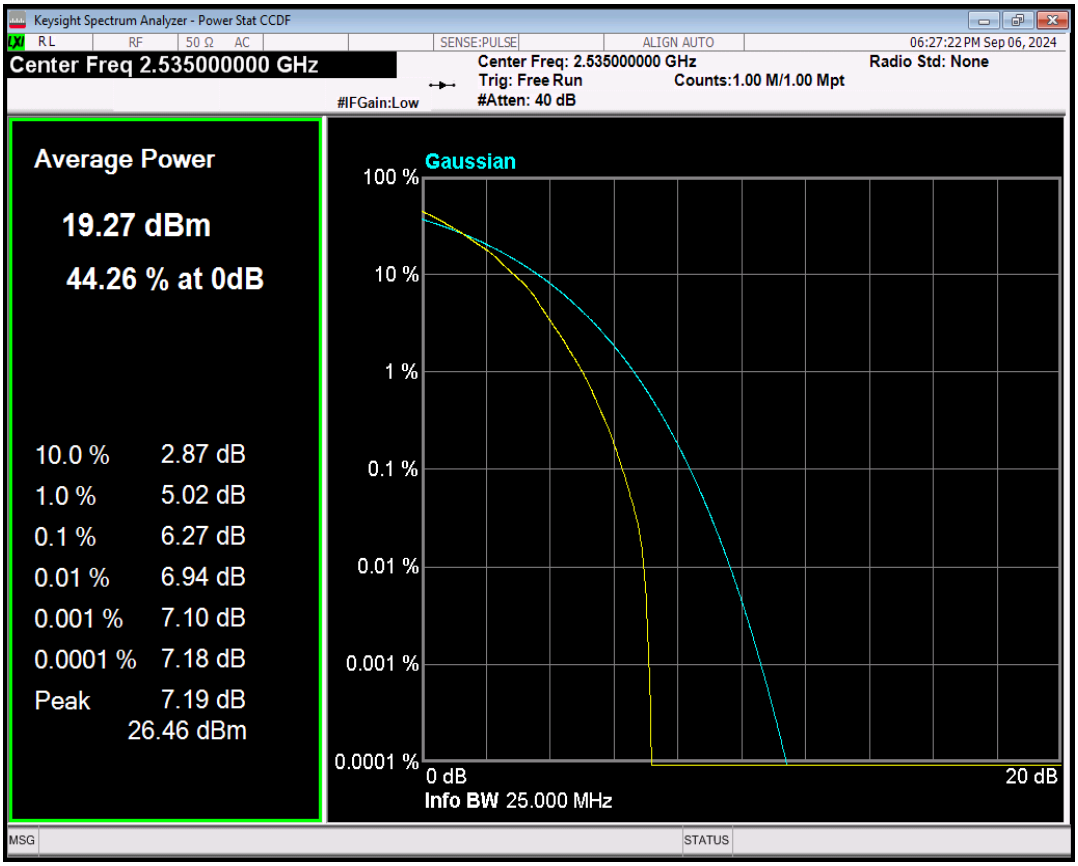

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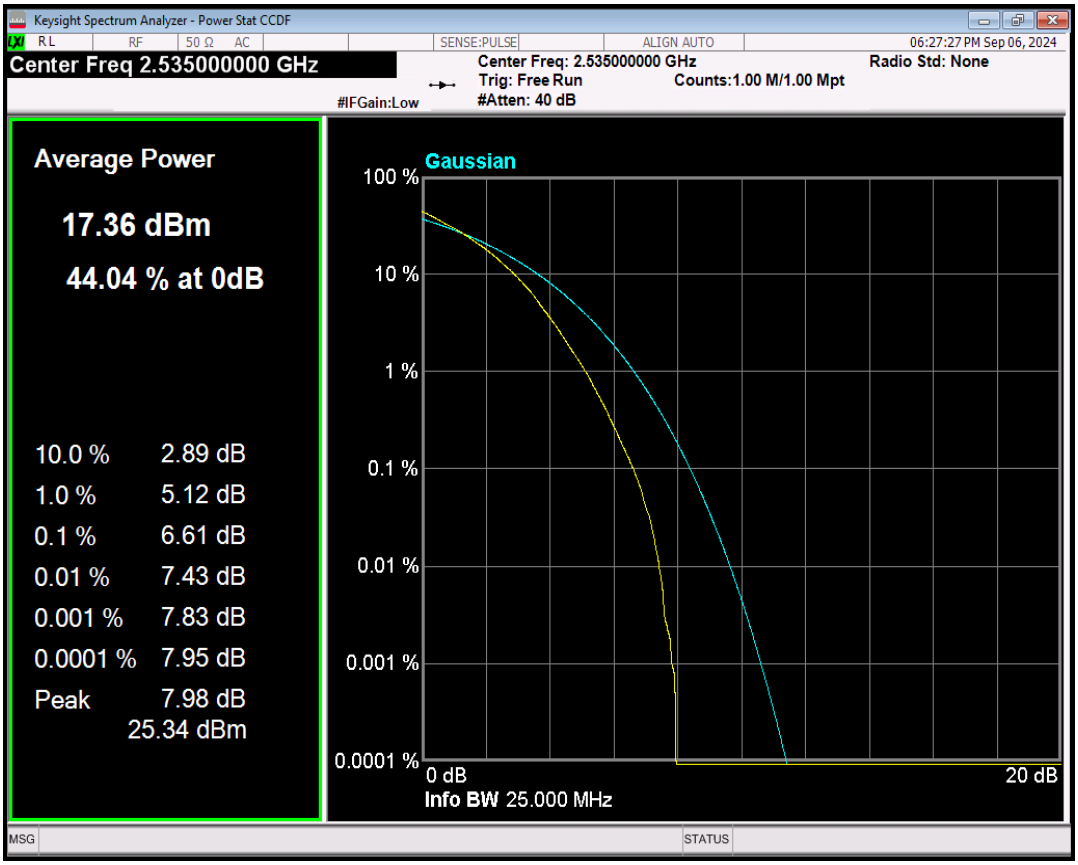
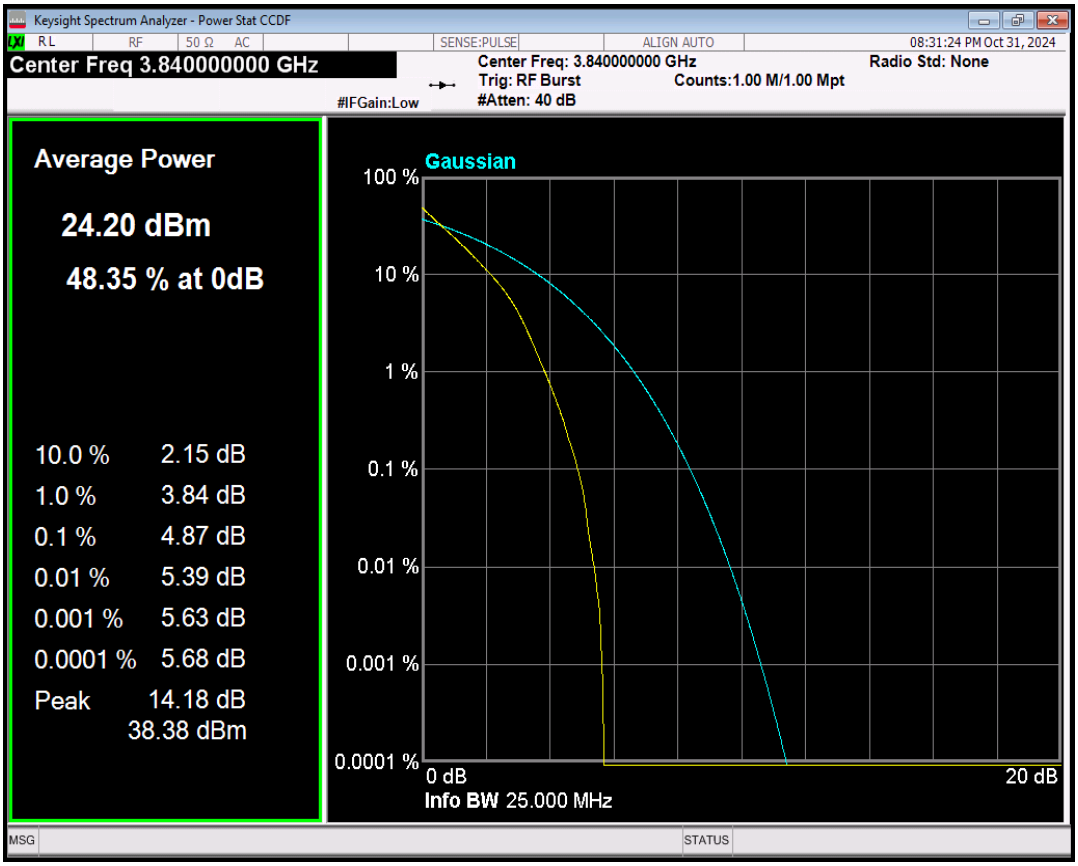
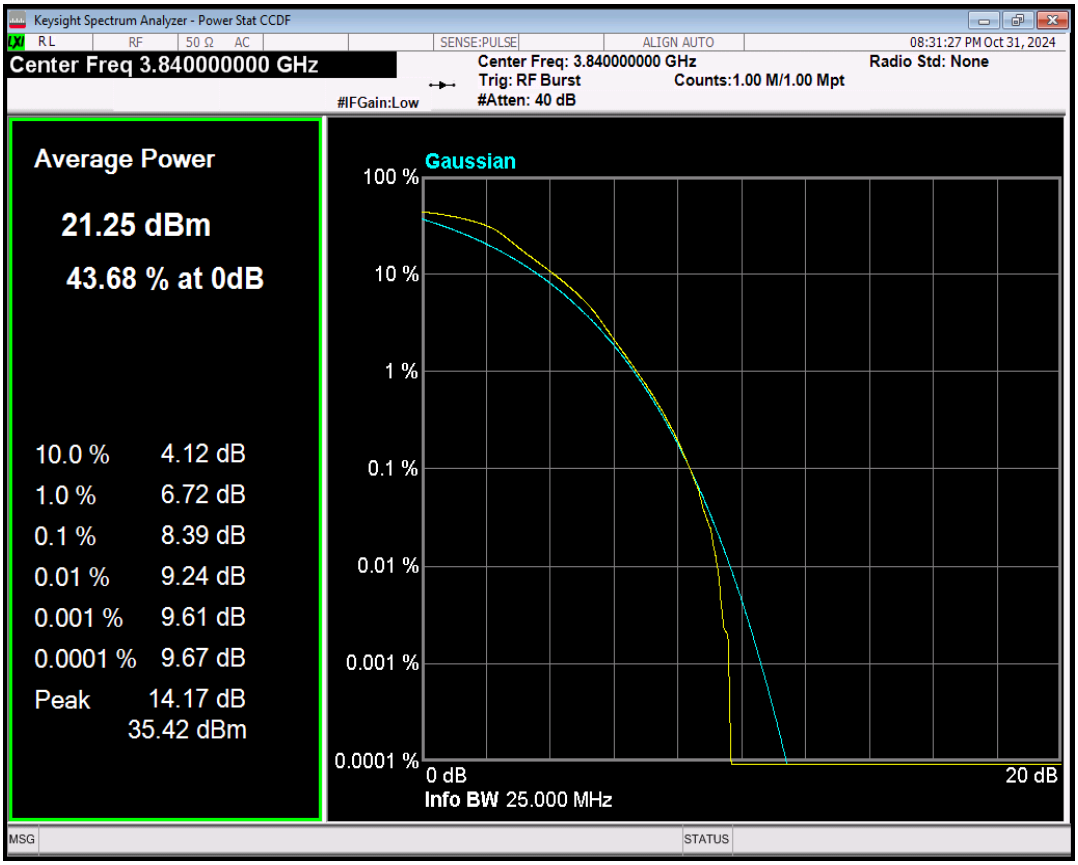


n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



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



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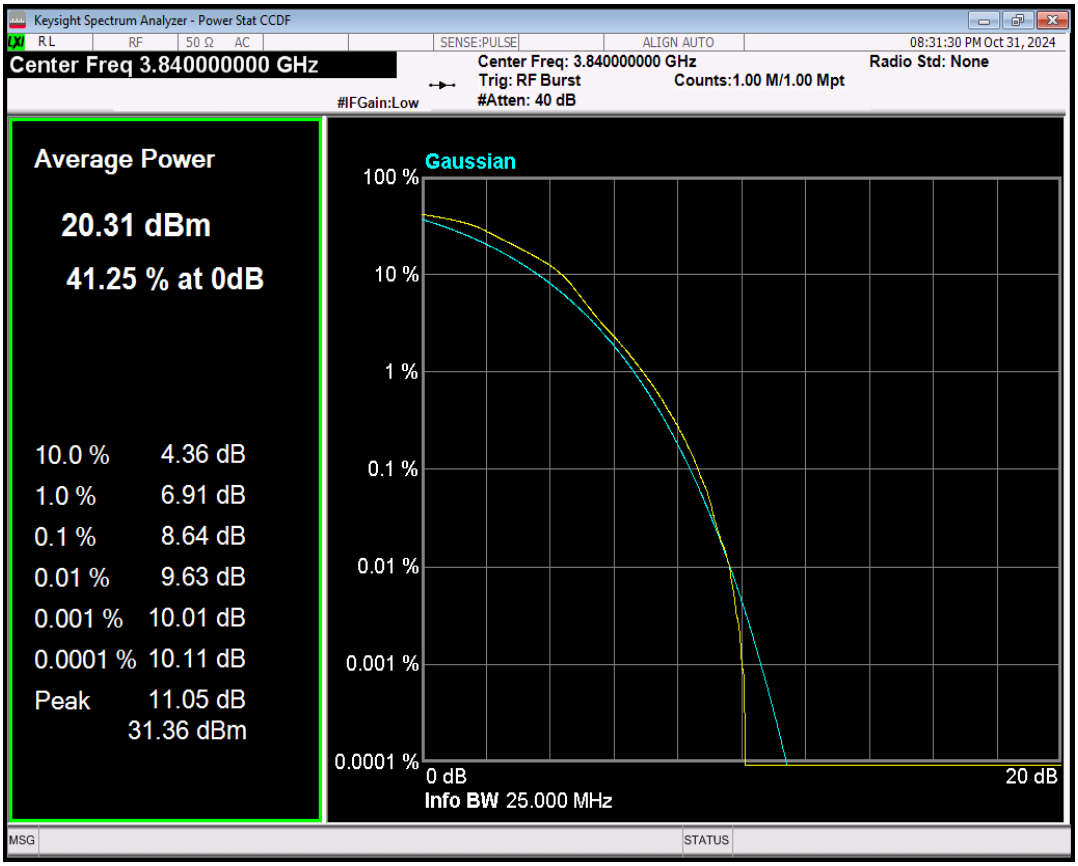
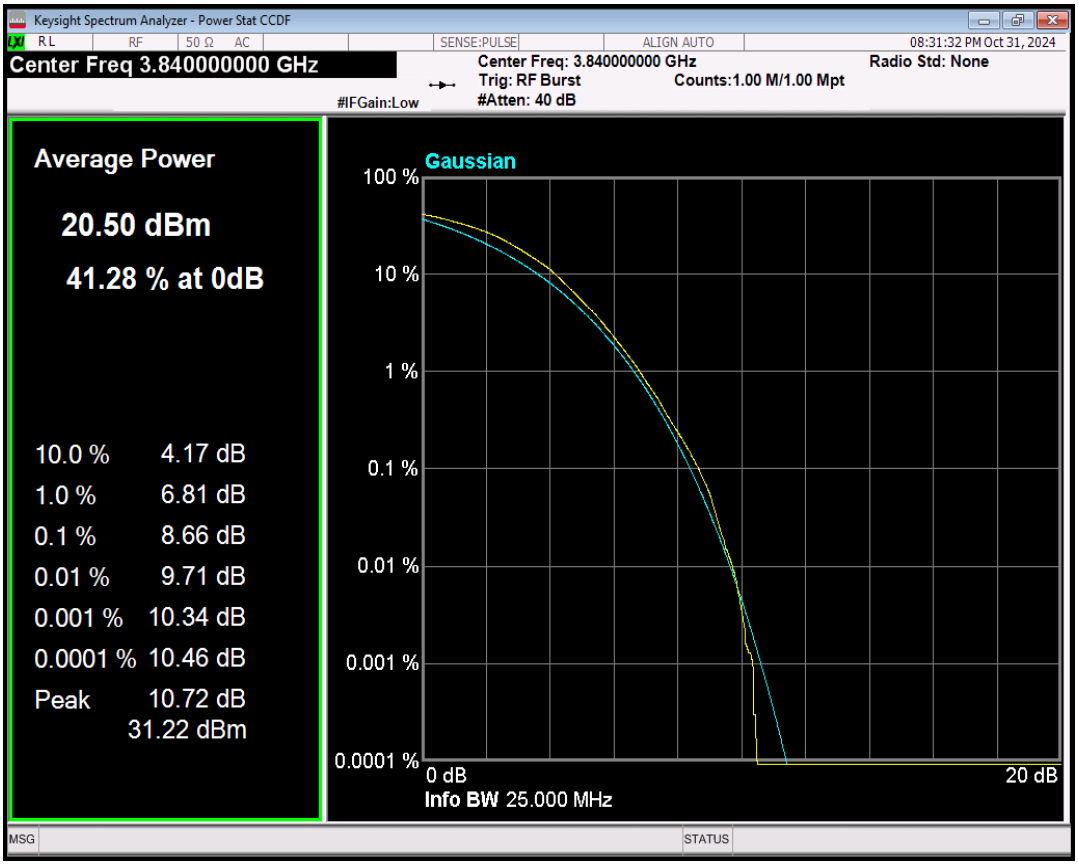
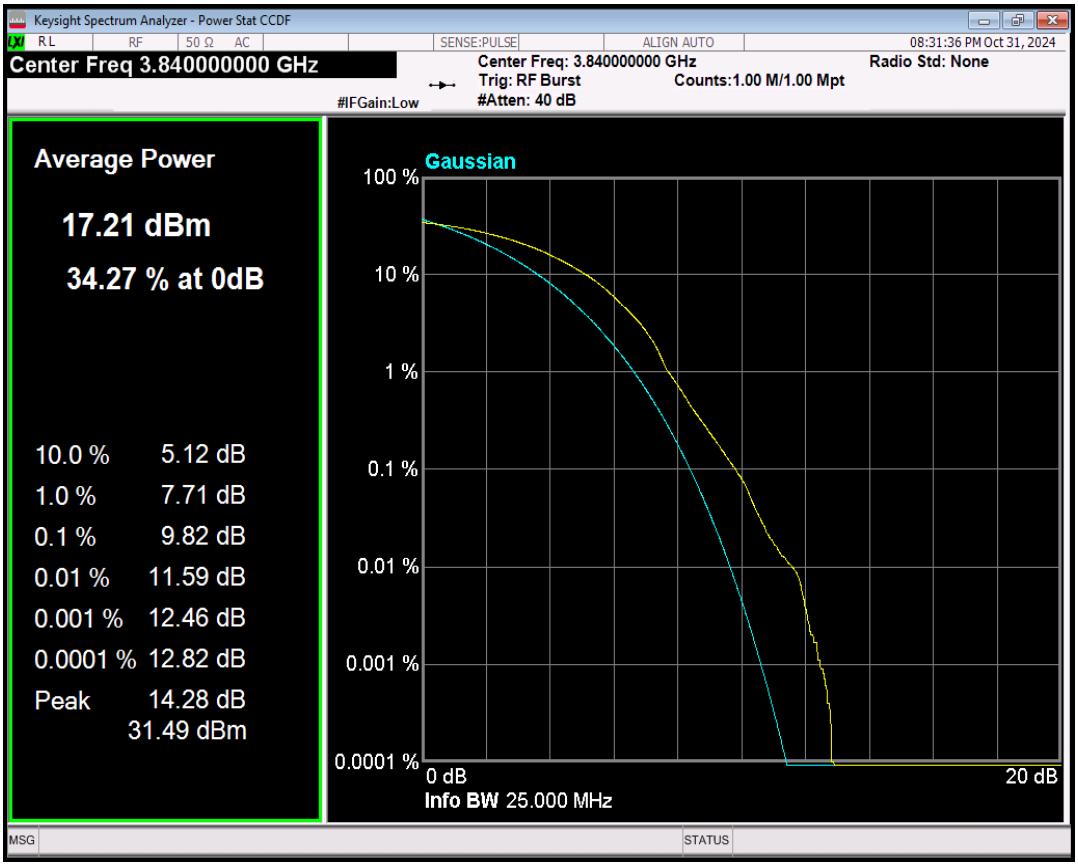


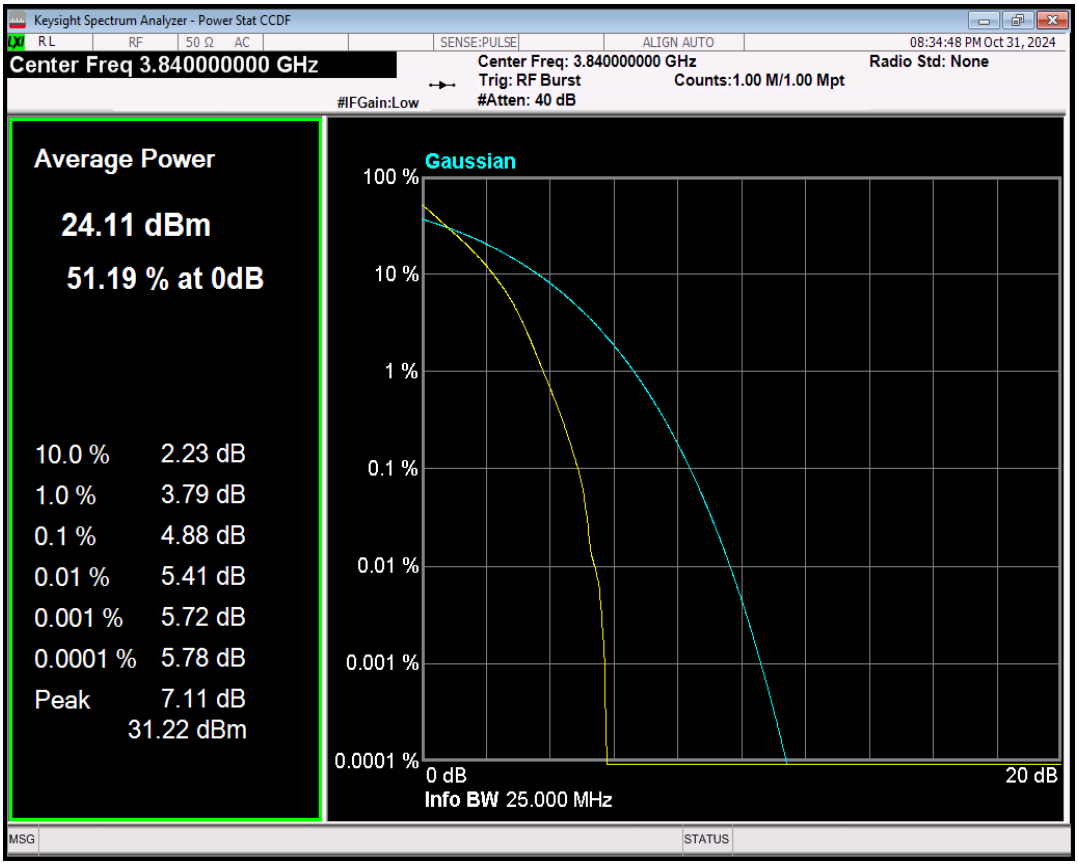
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



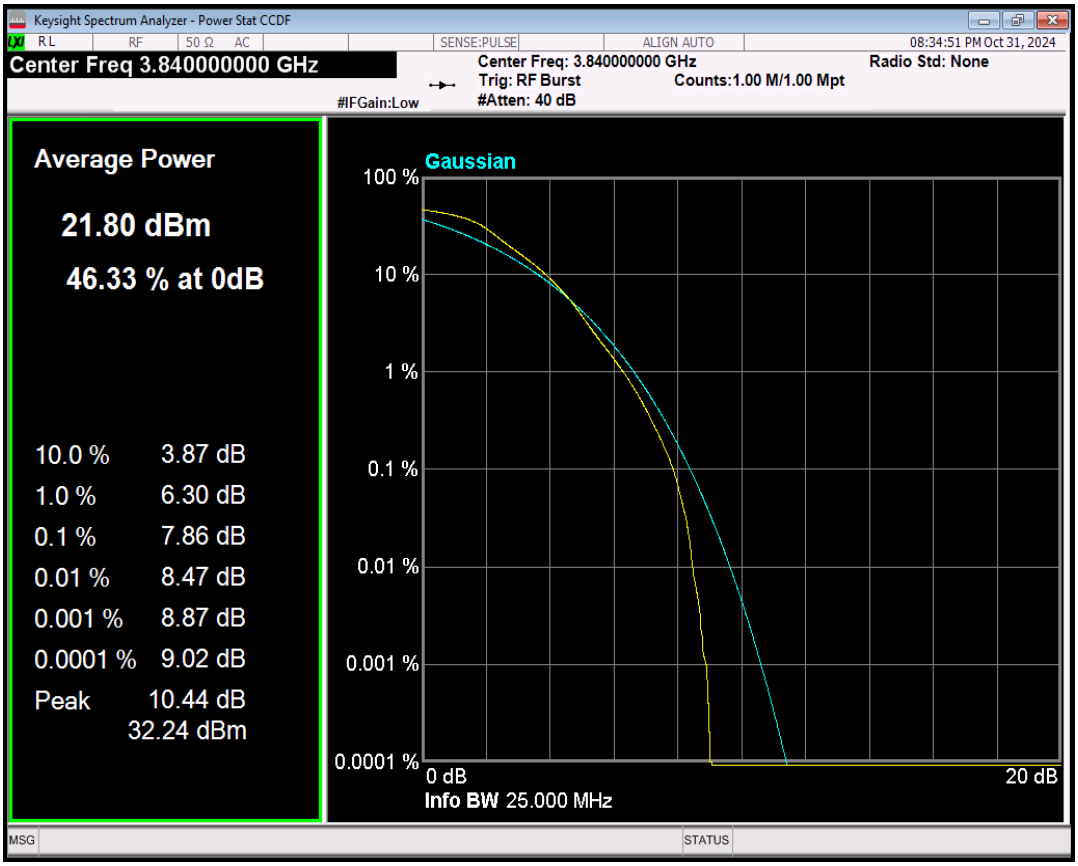
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



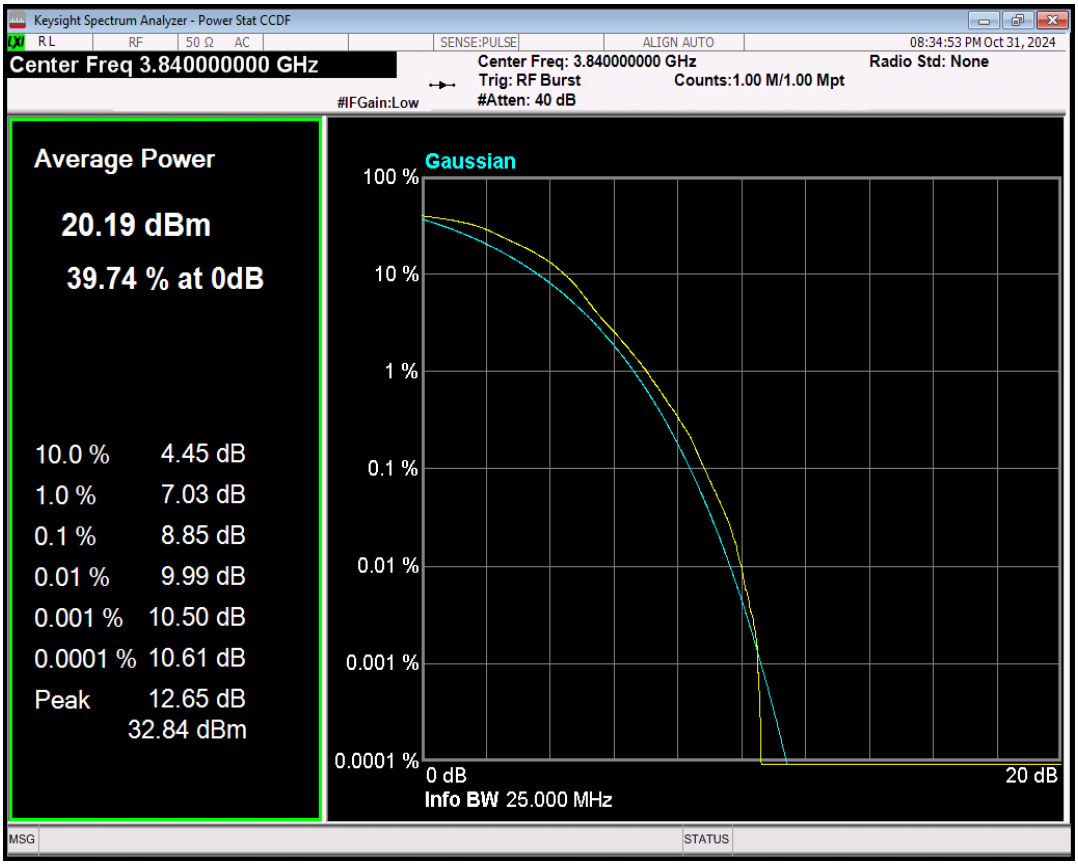
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



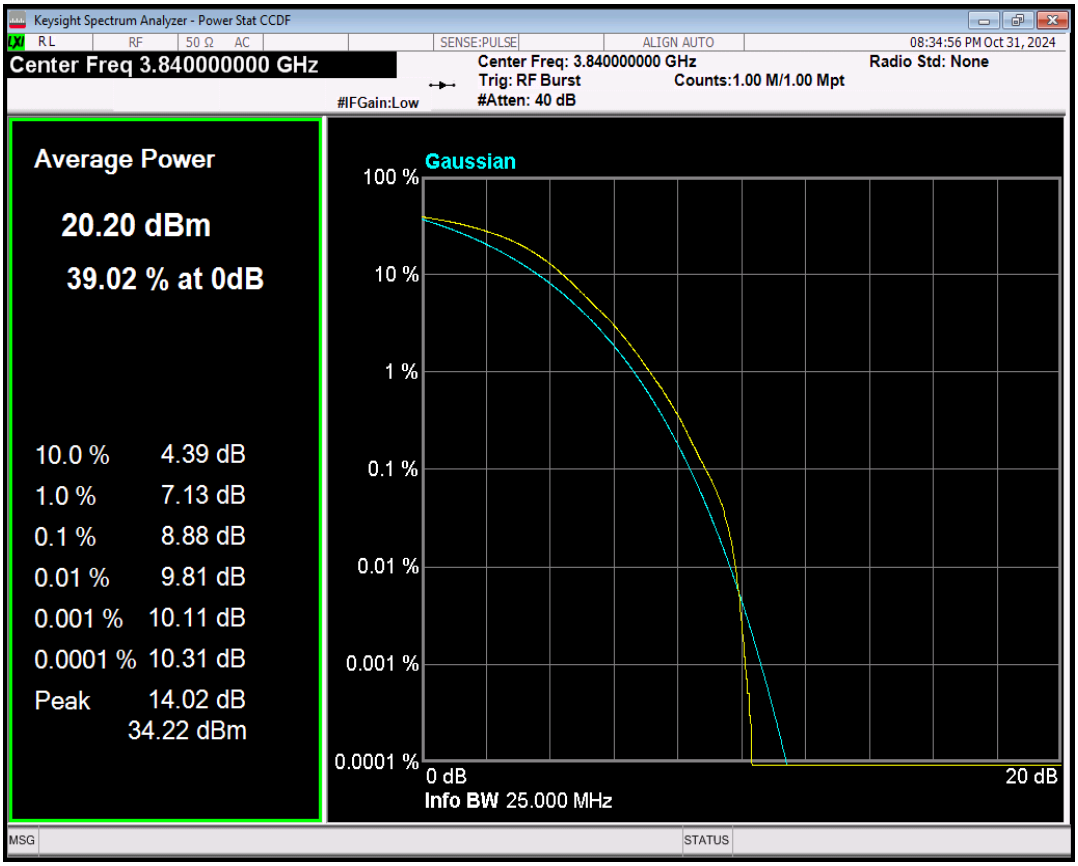
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



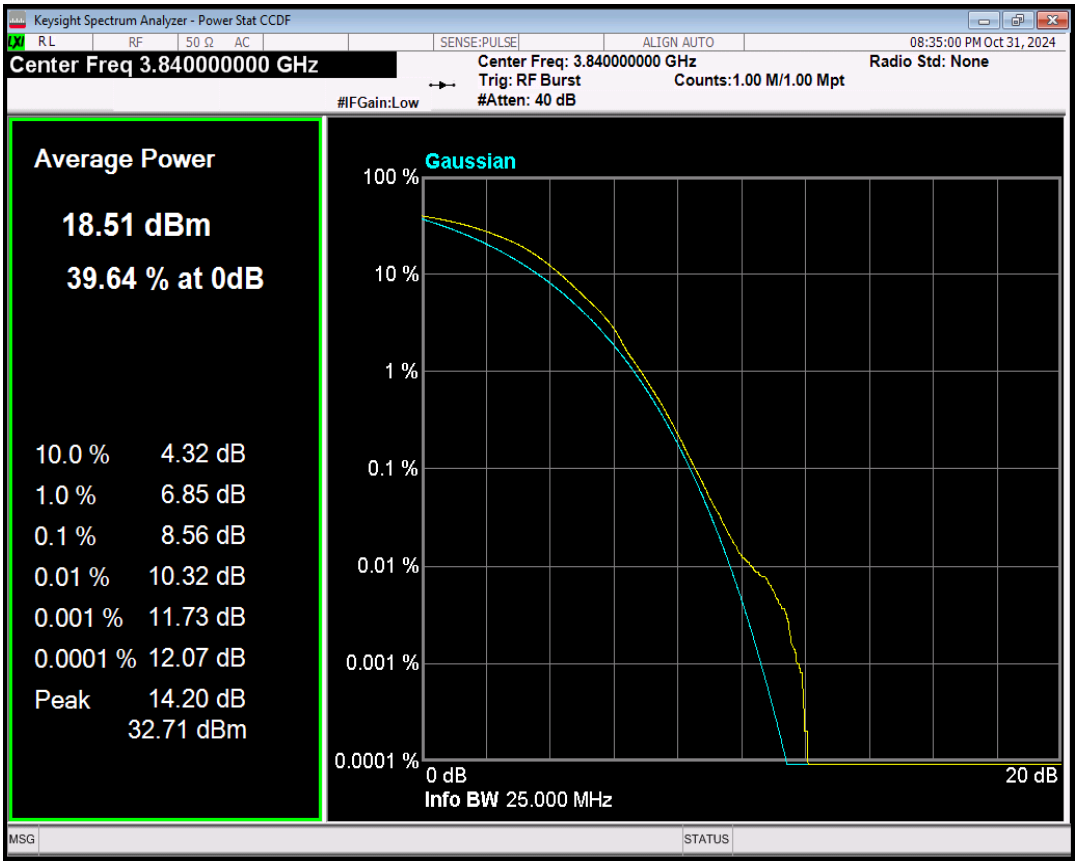
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



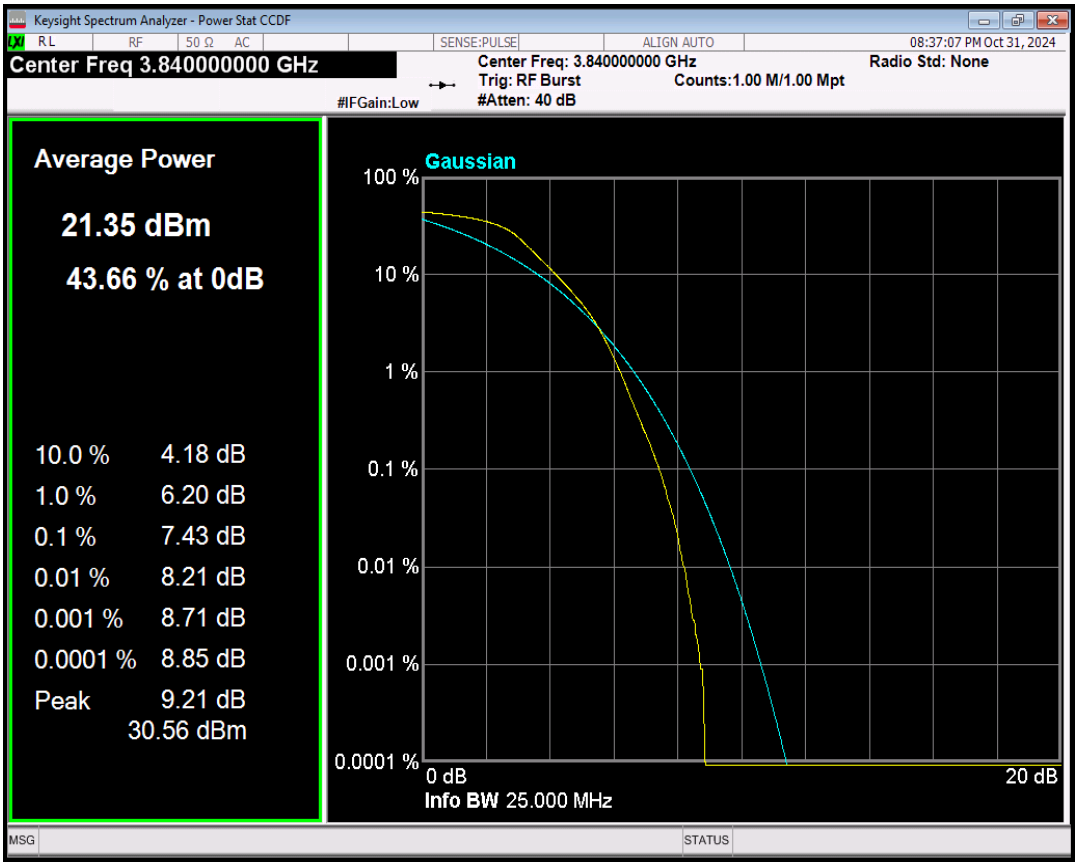
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



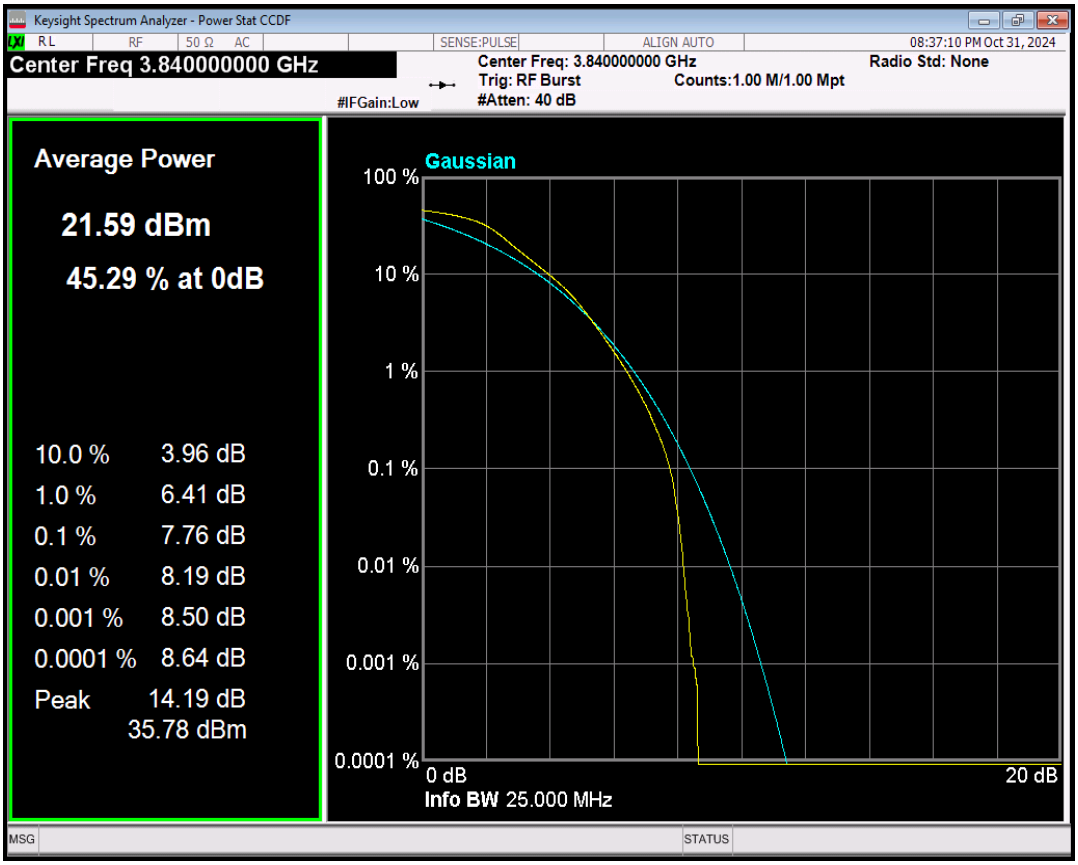
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



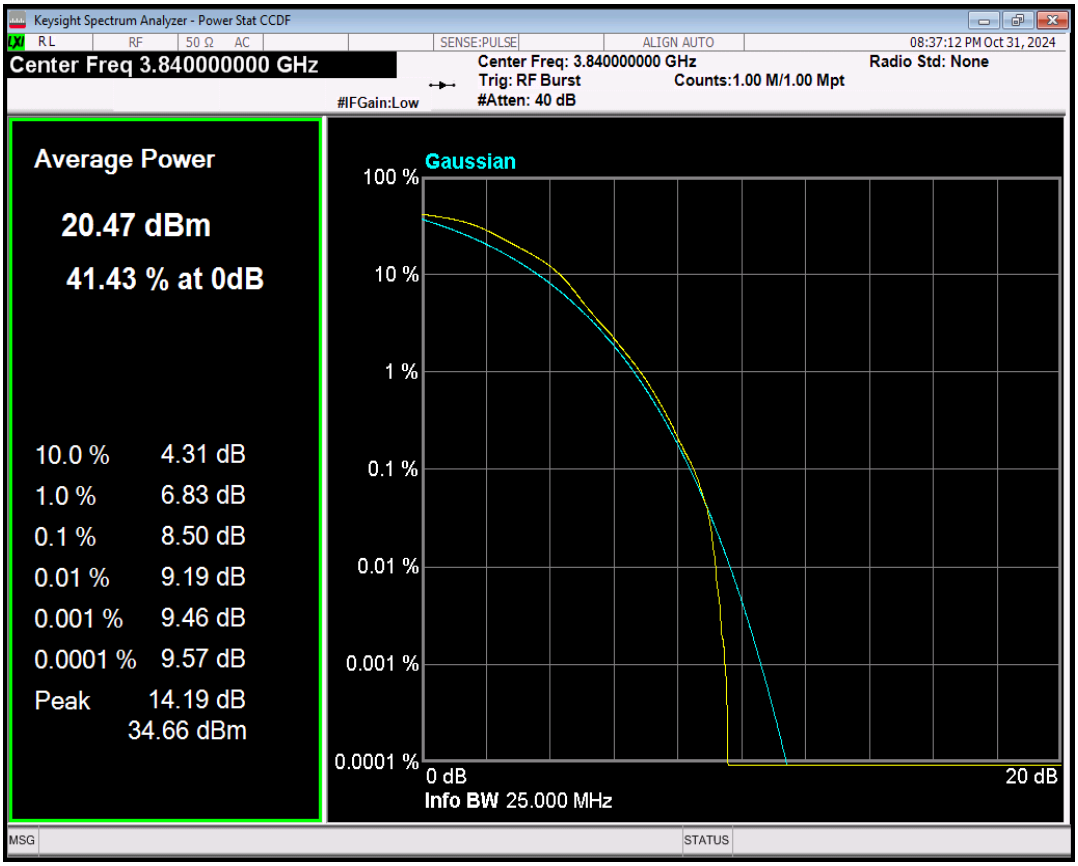
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



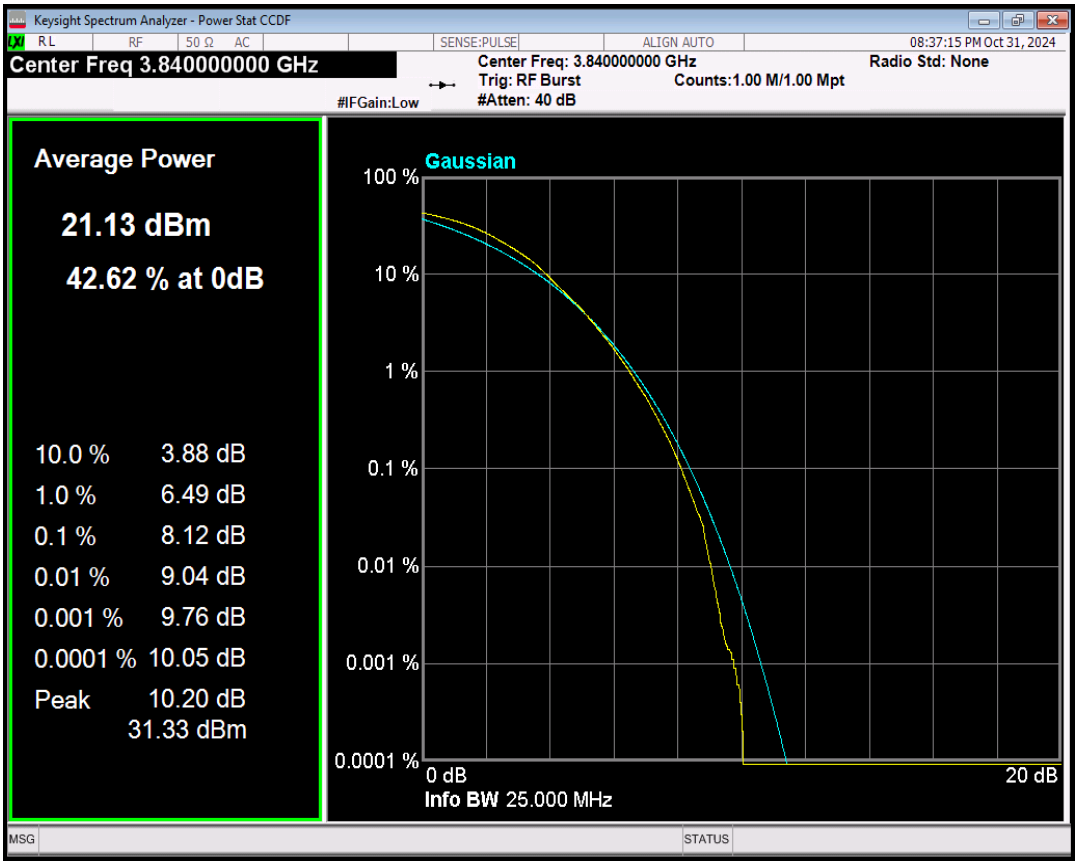
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



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



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



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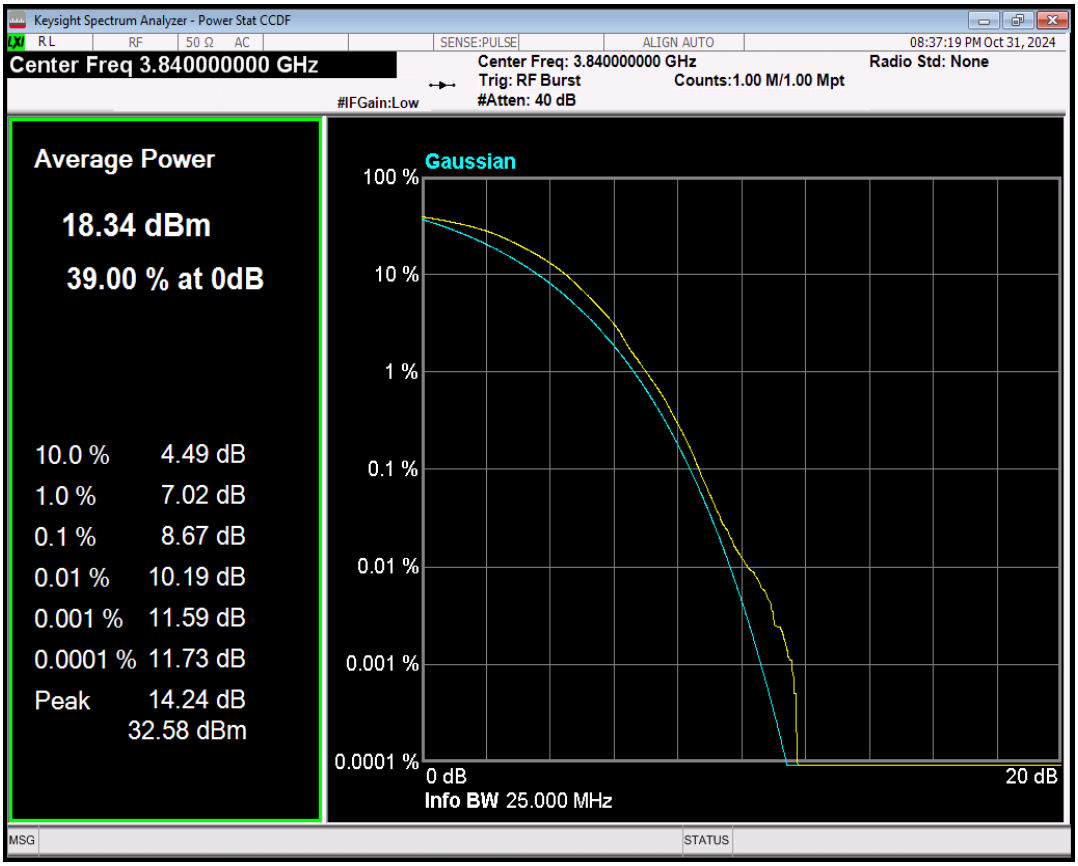
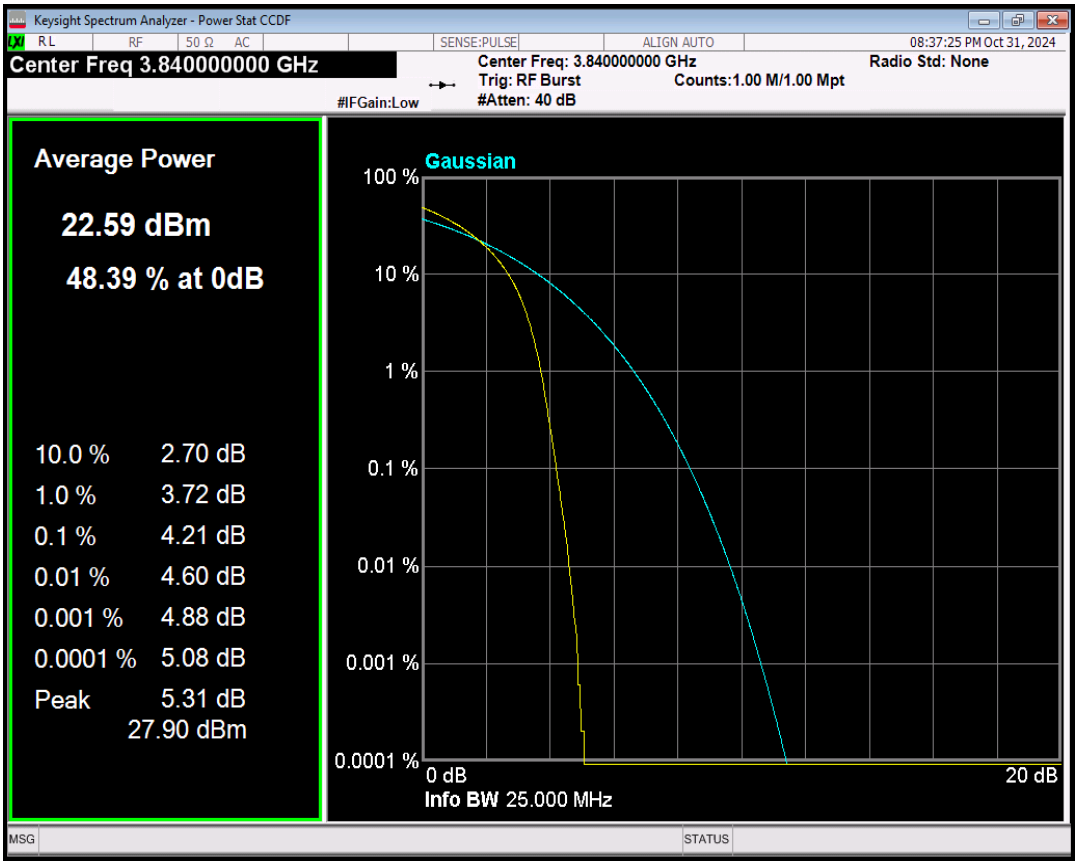


n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



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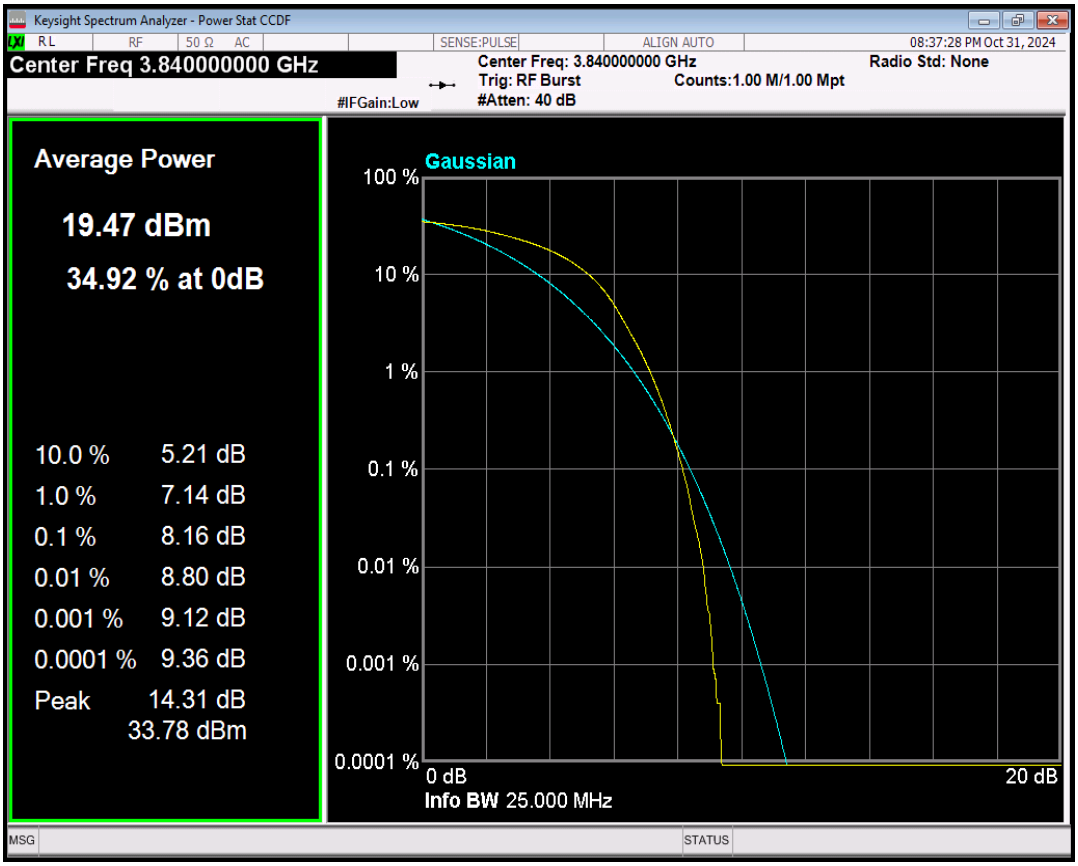

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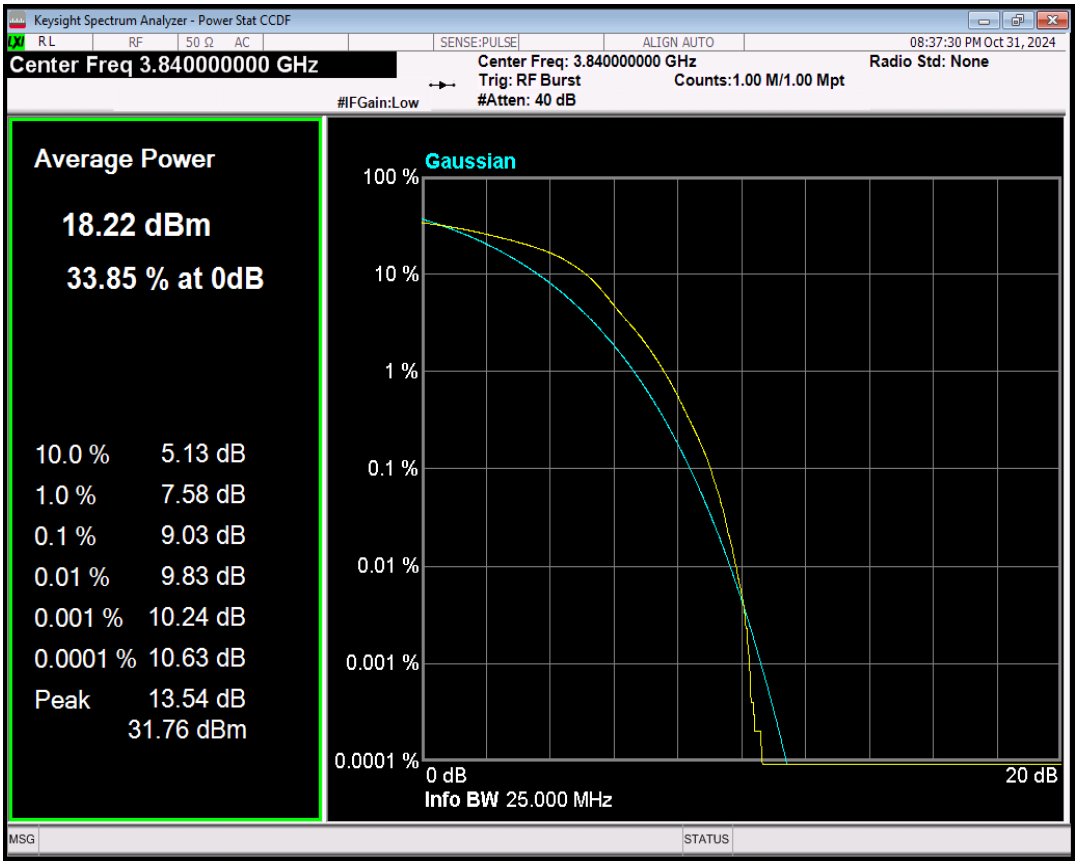
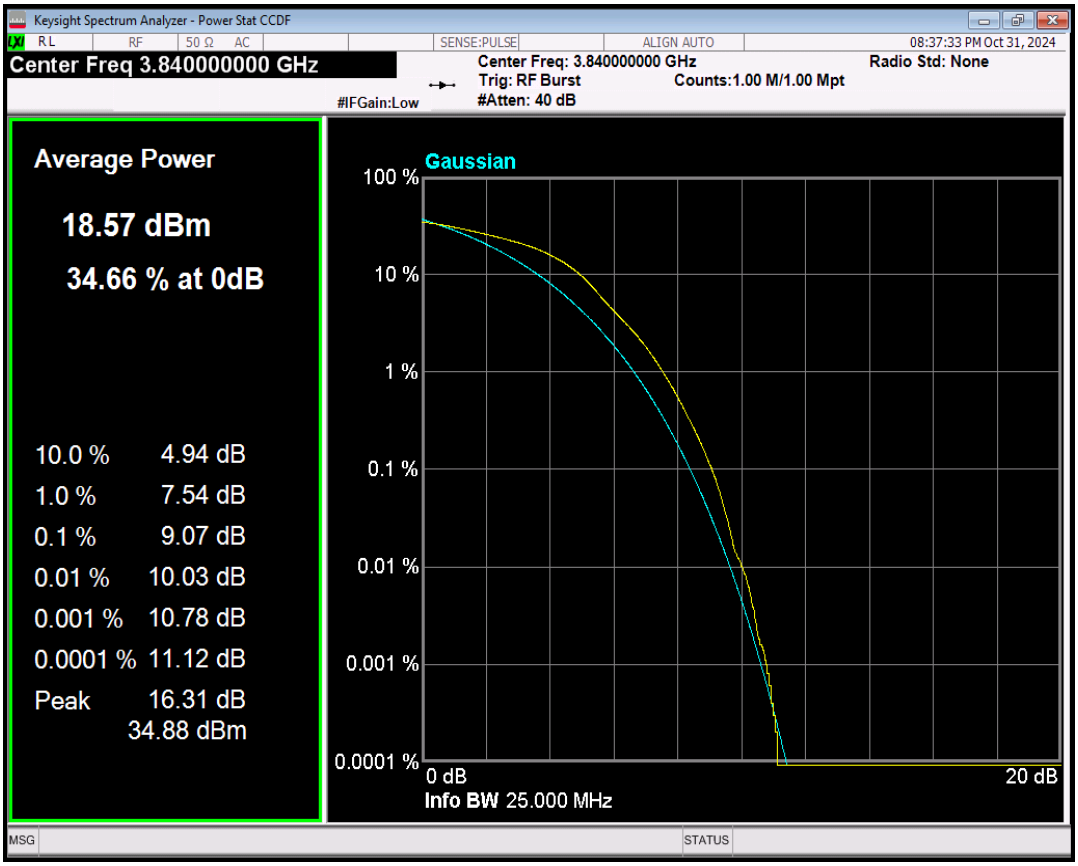
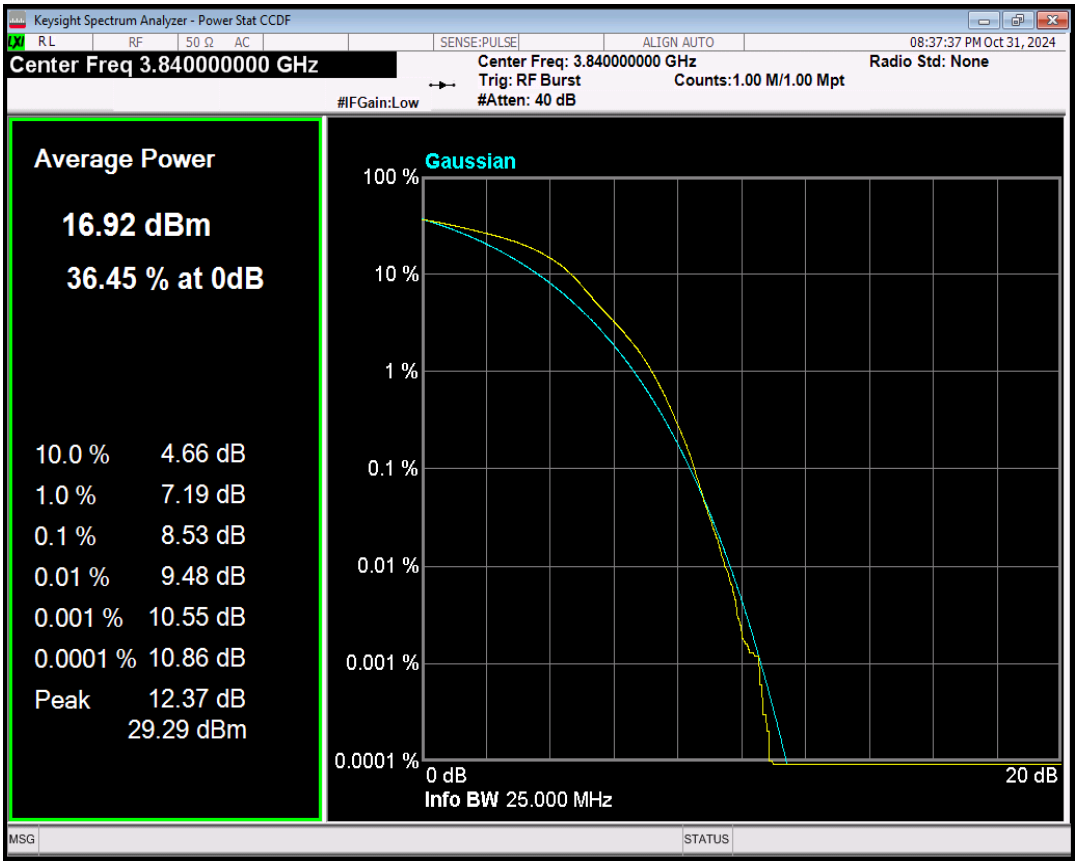


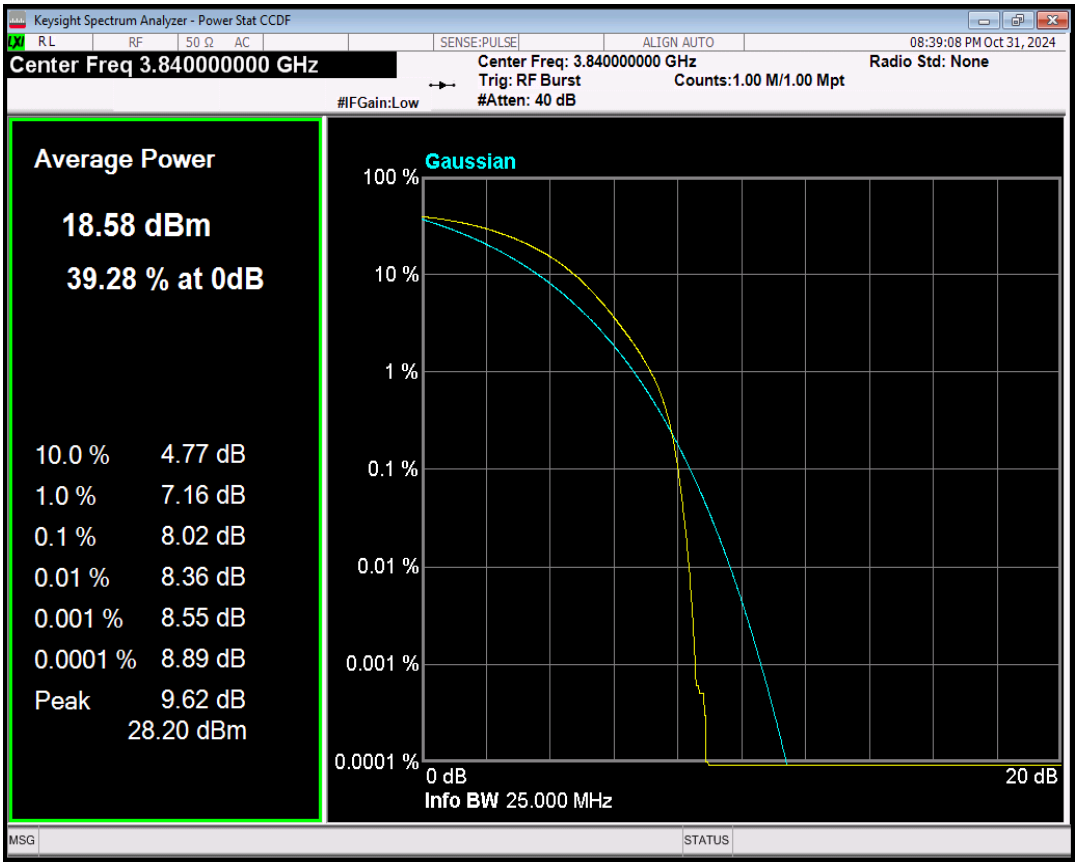
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=656000 RB=100@0



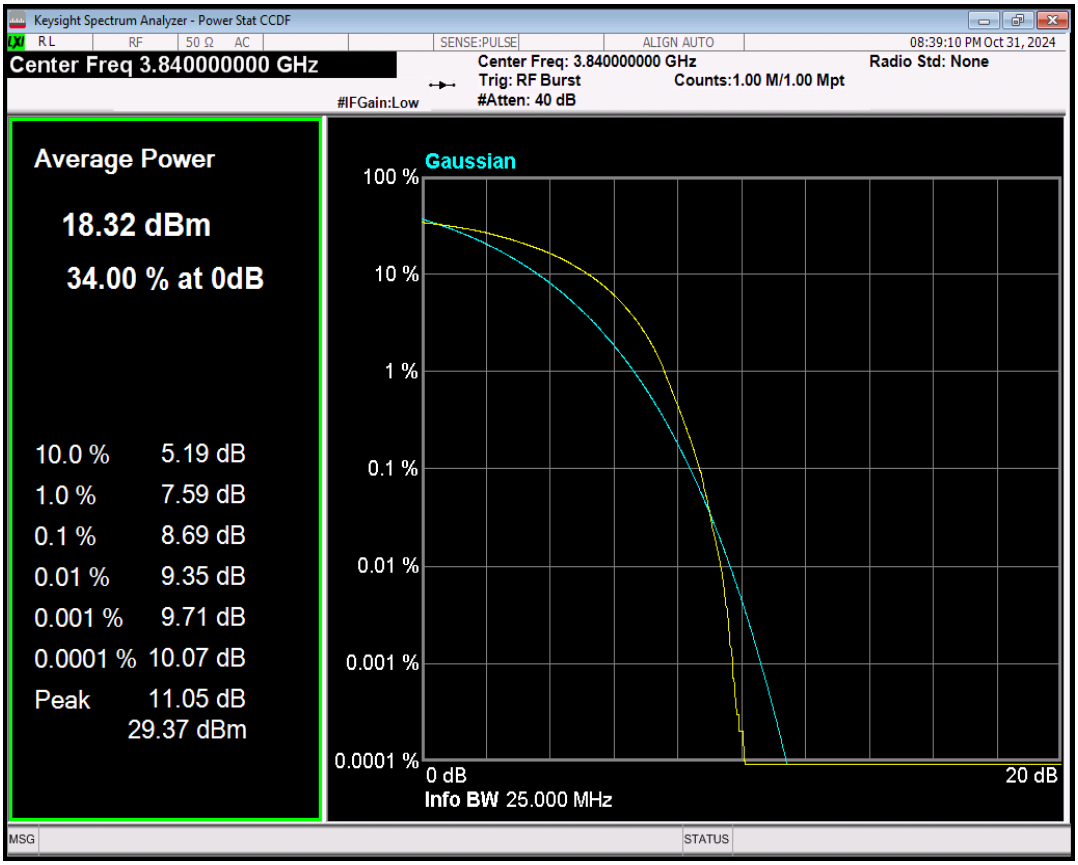
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=656000 RB=100@0



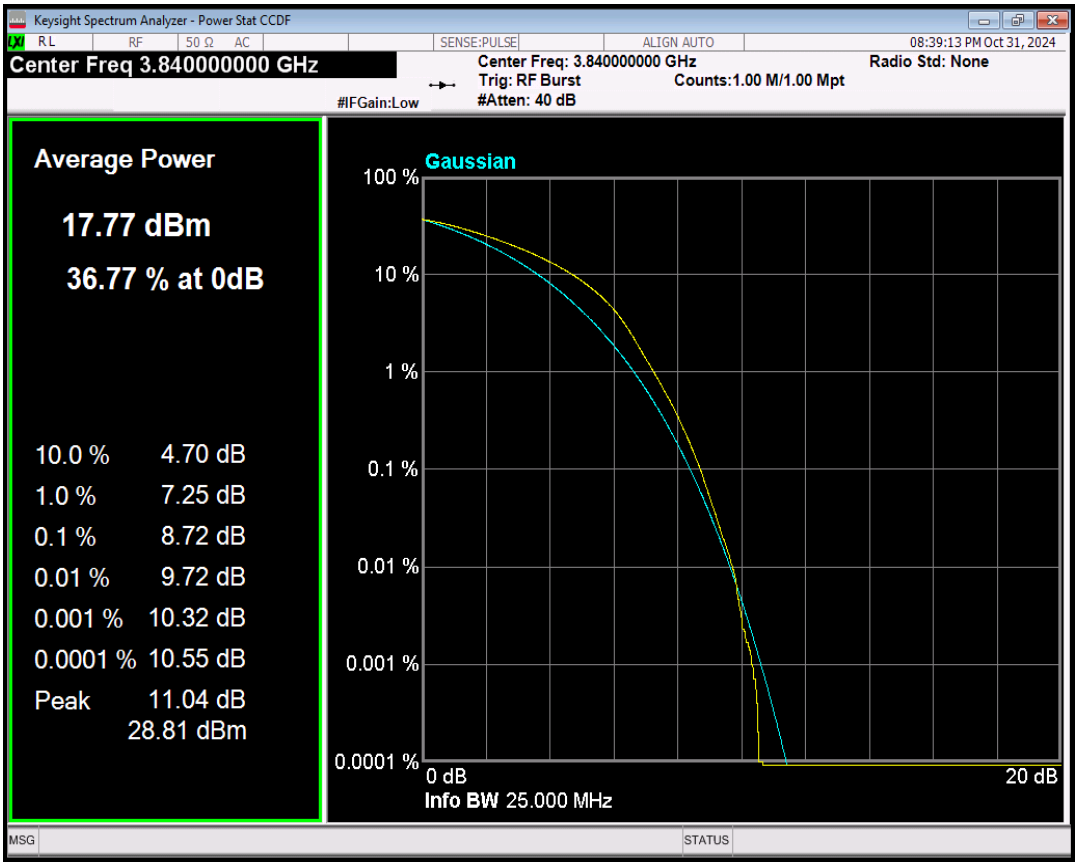
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



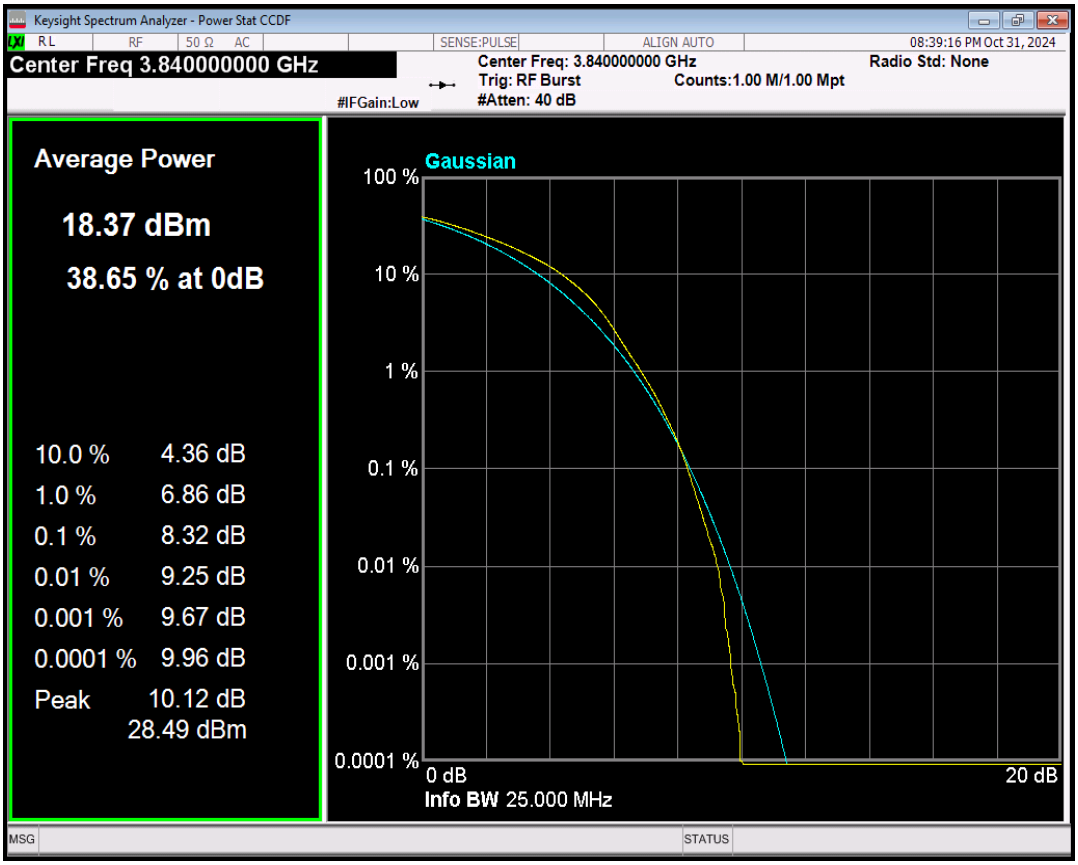
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



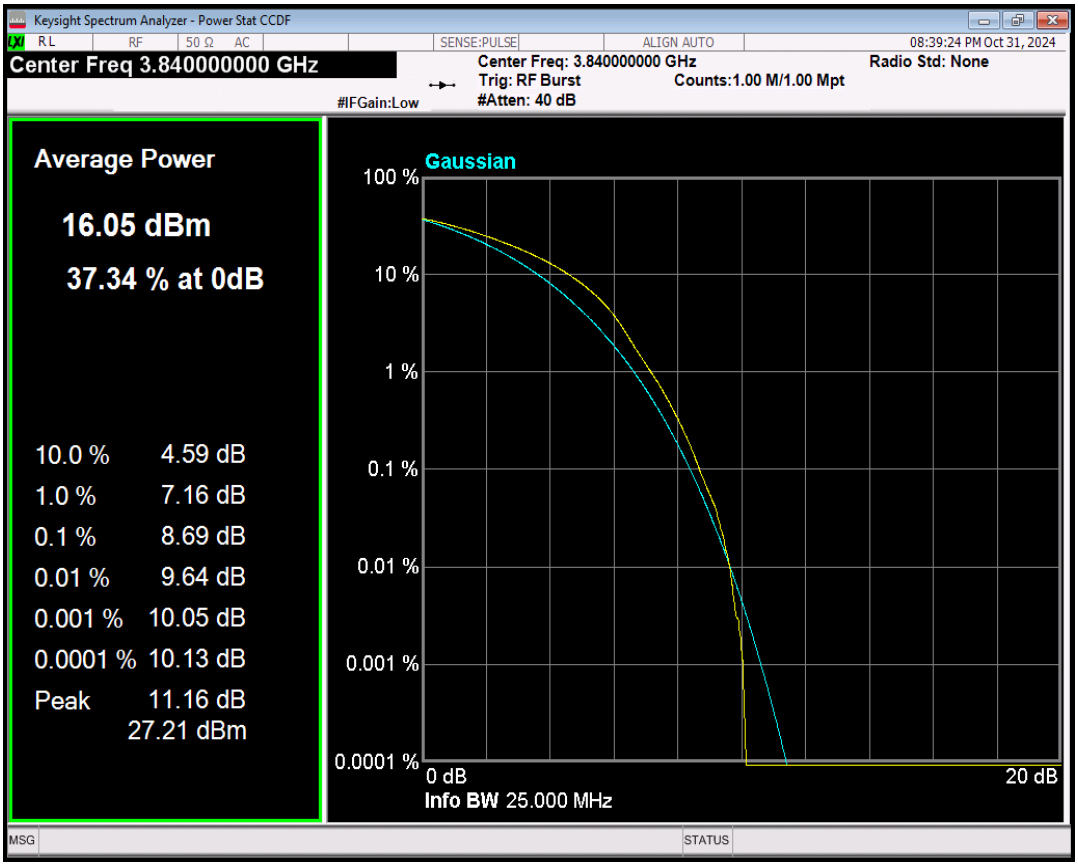
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



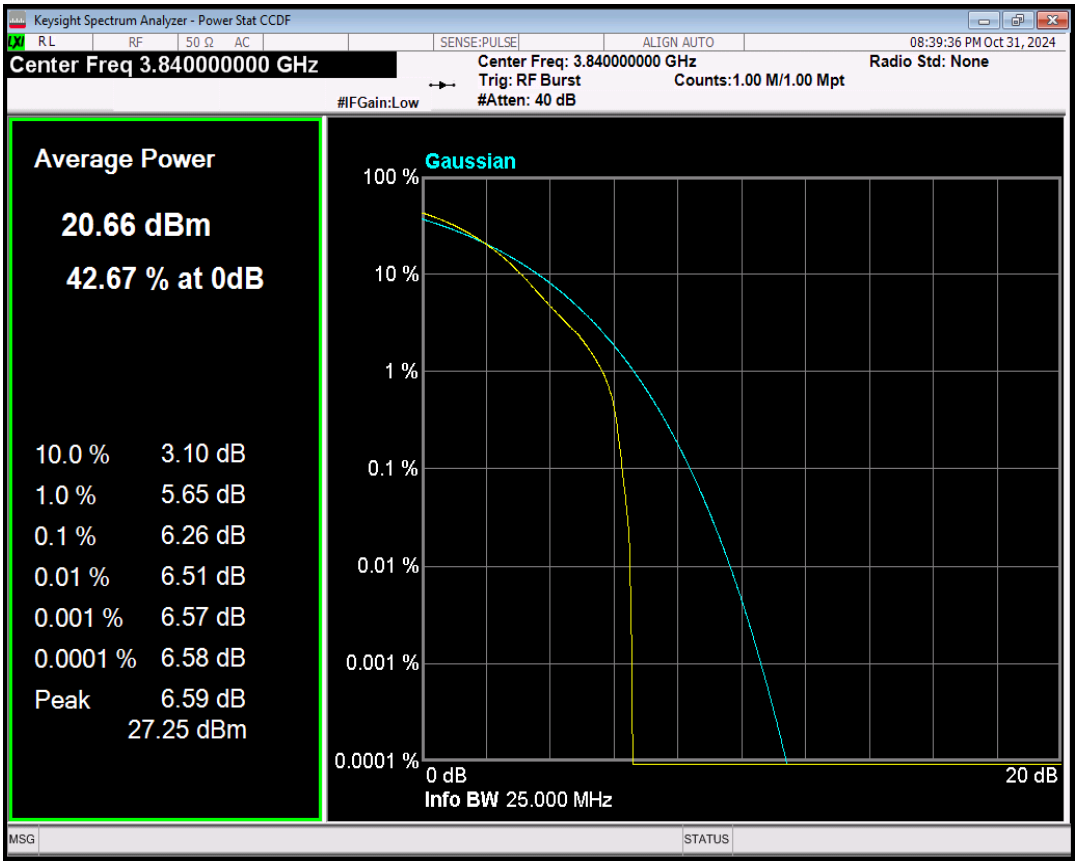
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



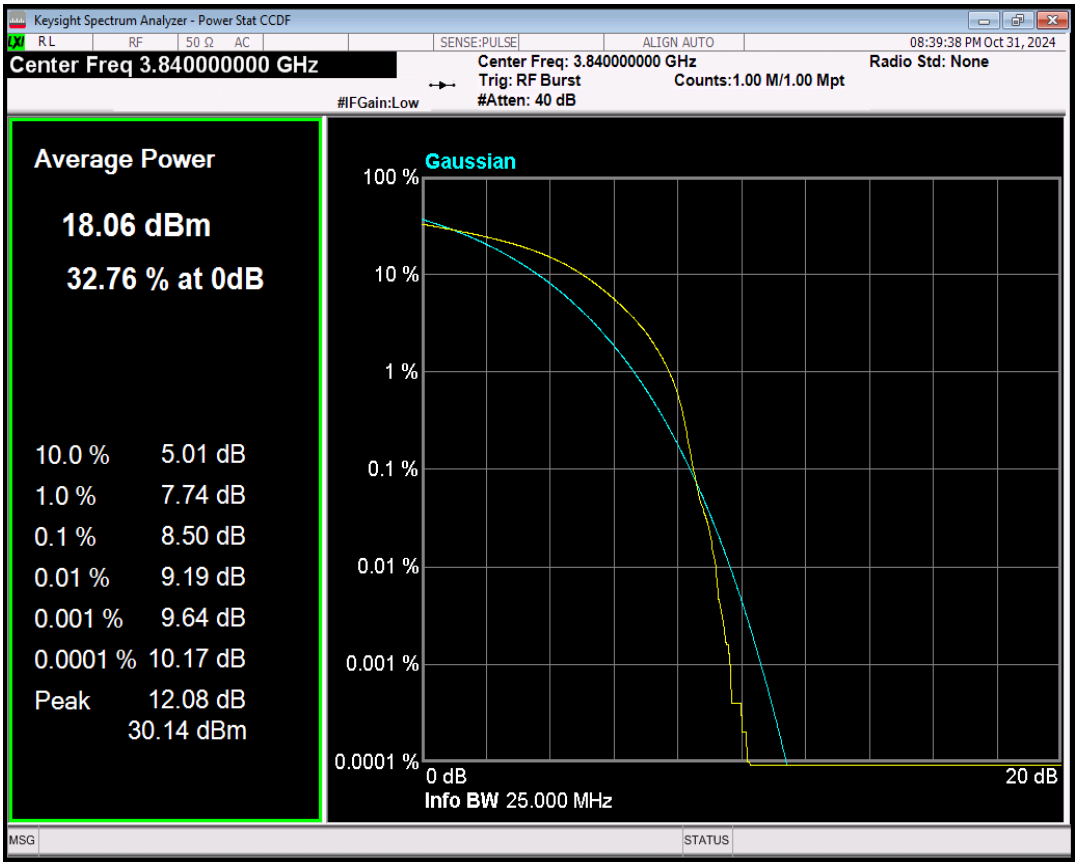
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



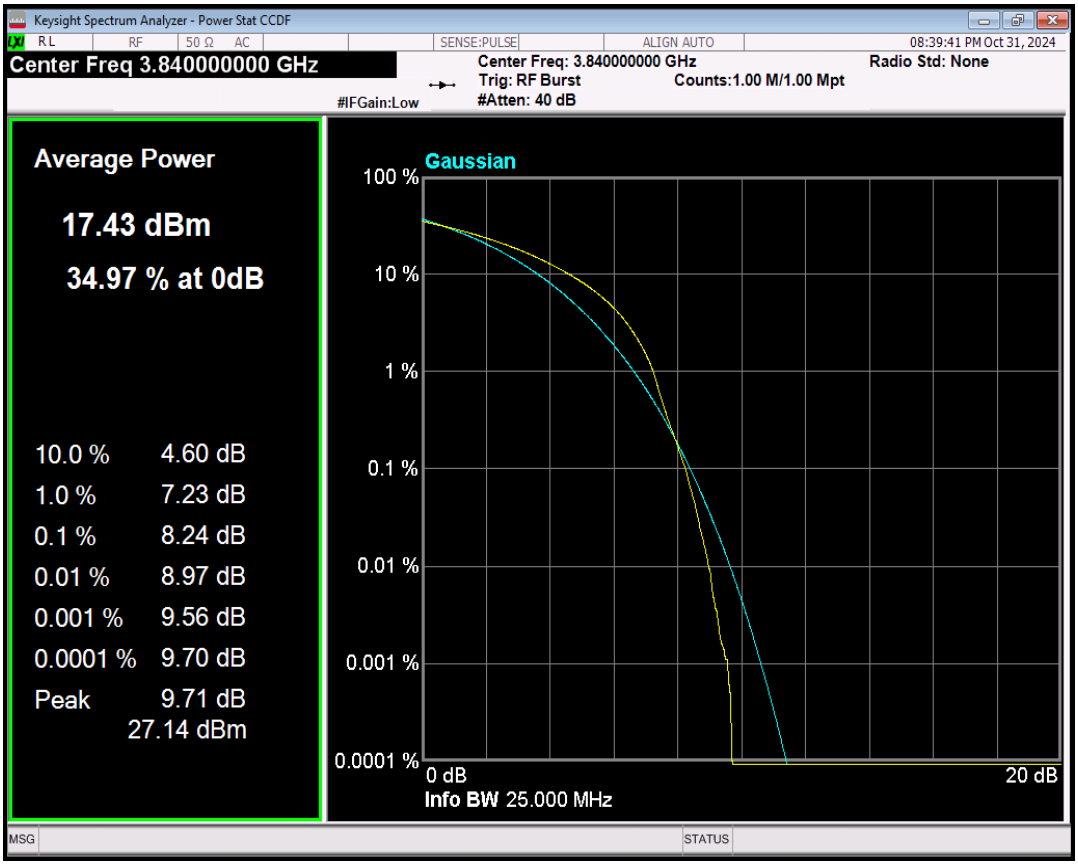
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



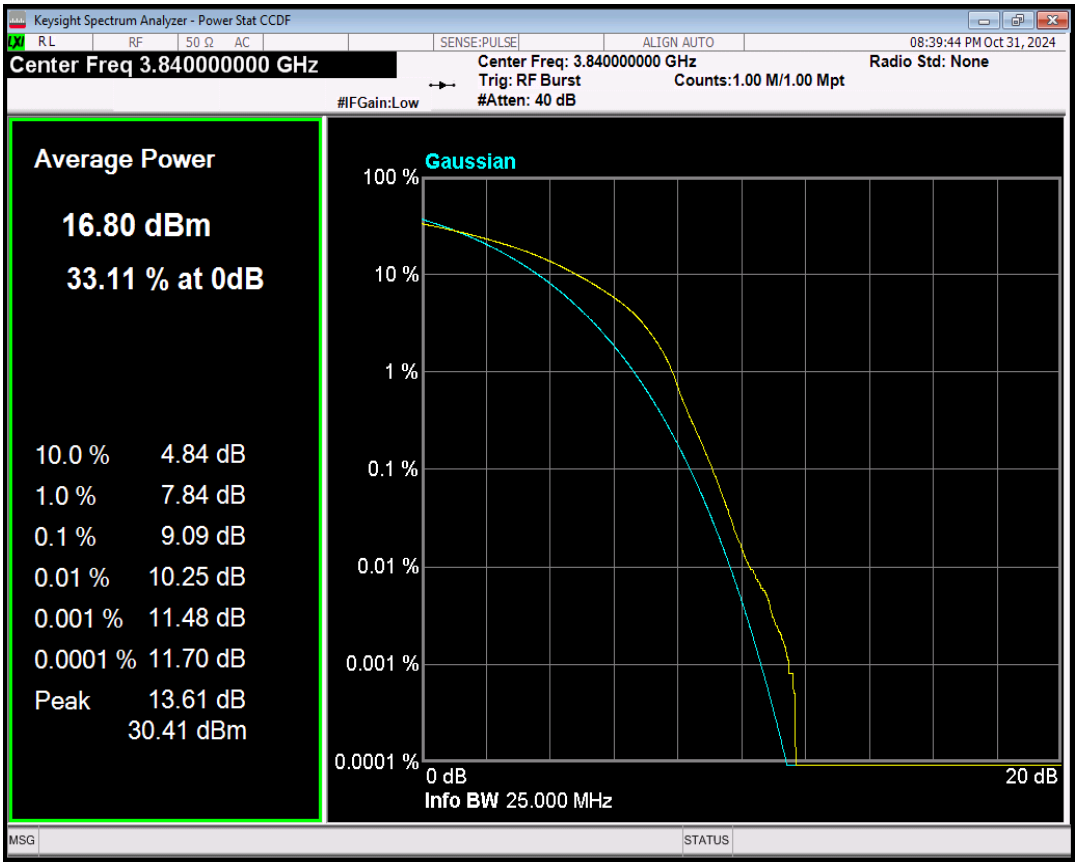
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



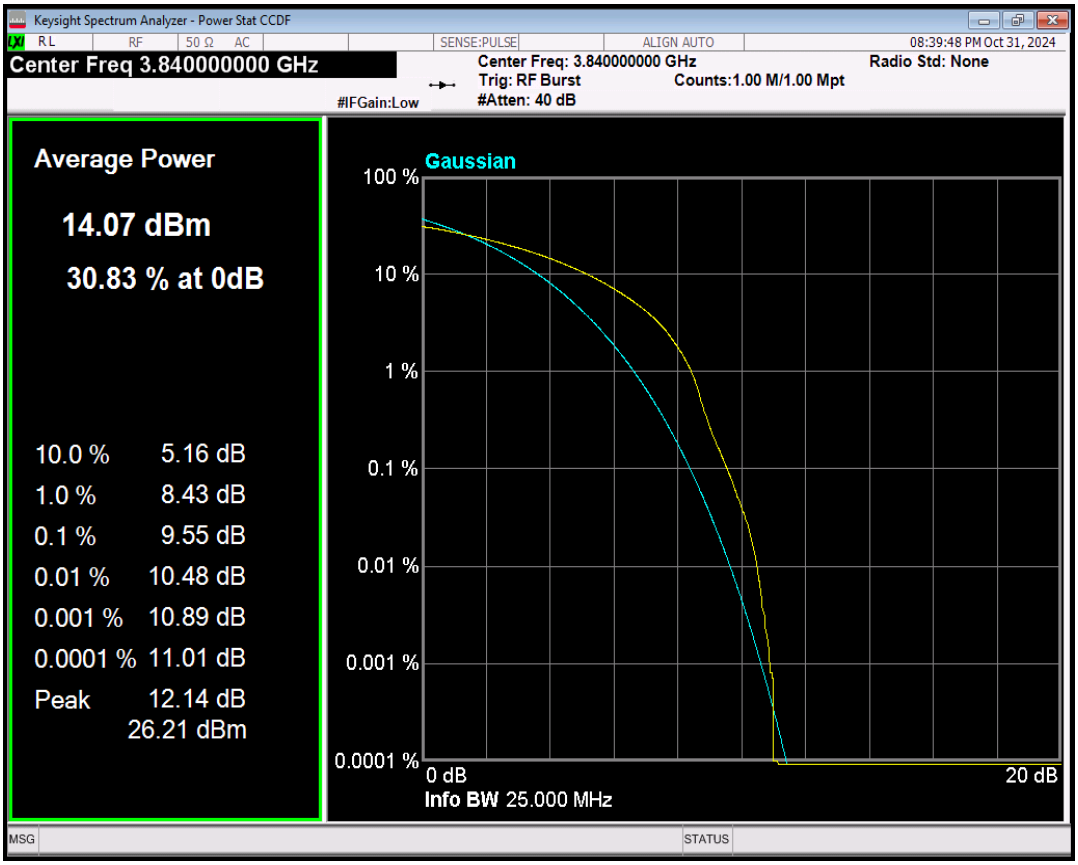
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



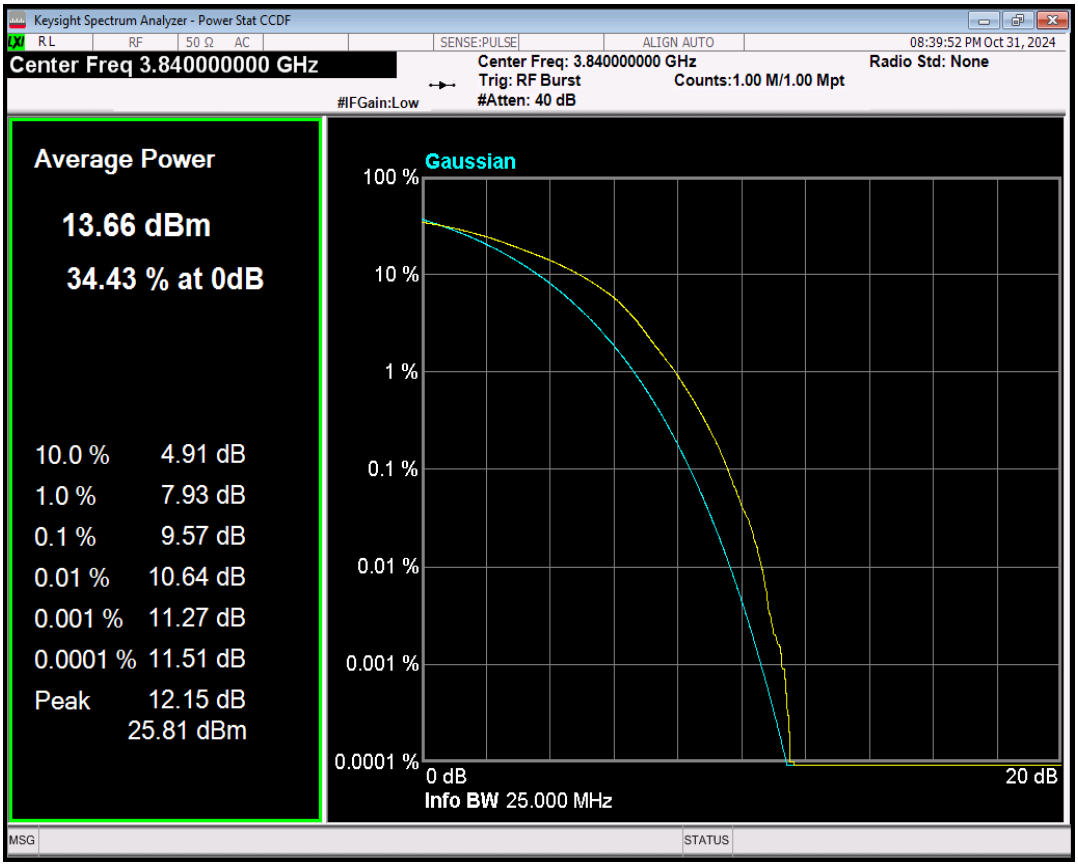
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



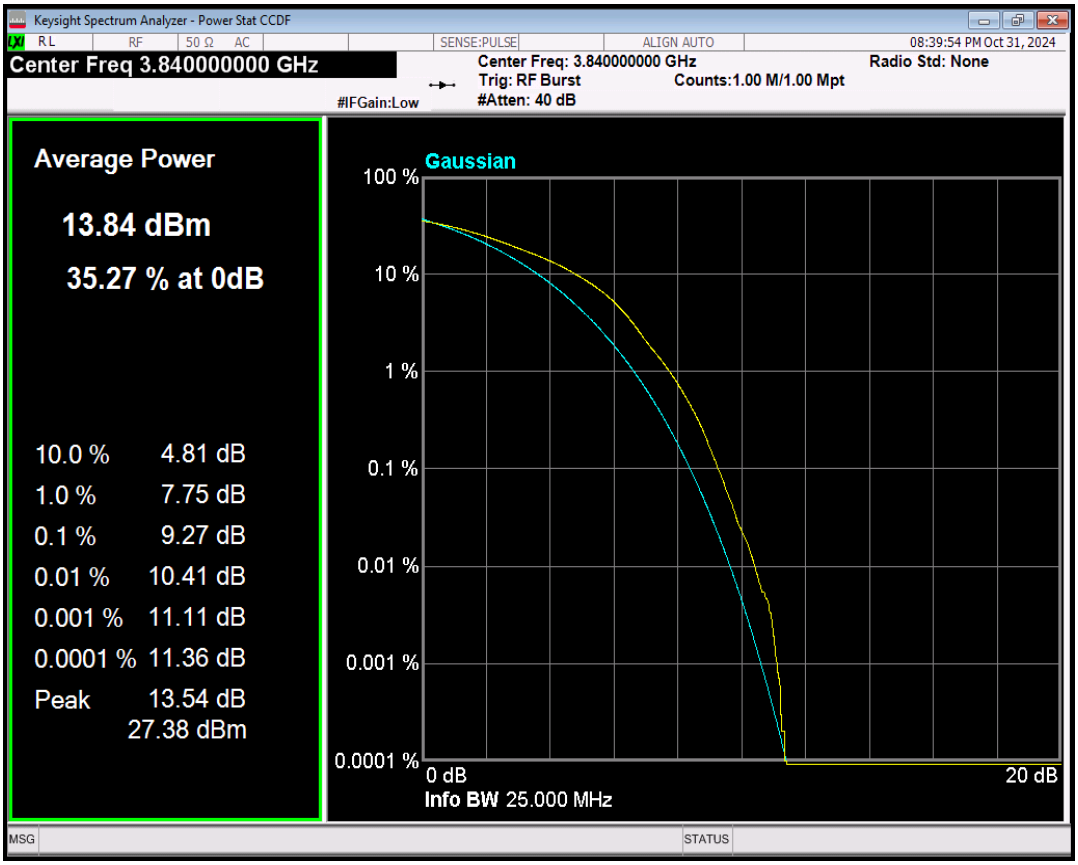
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



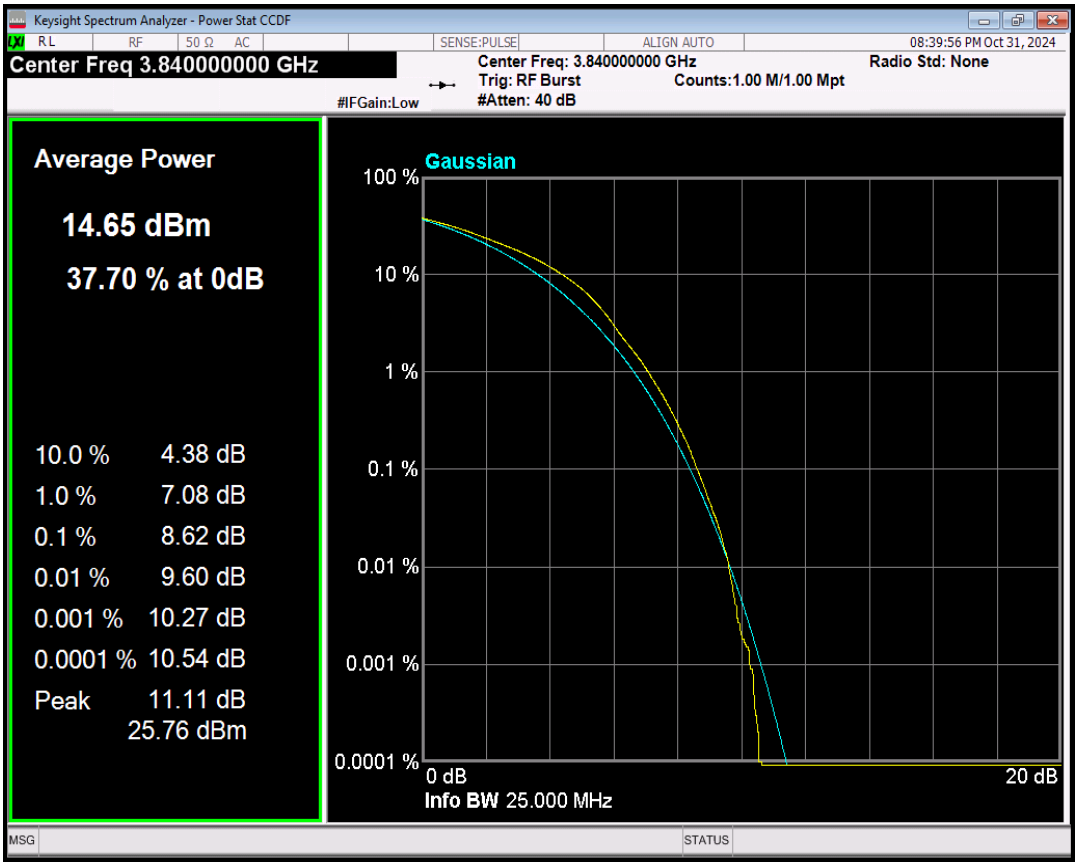
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz Channel=656000 RB=



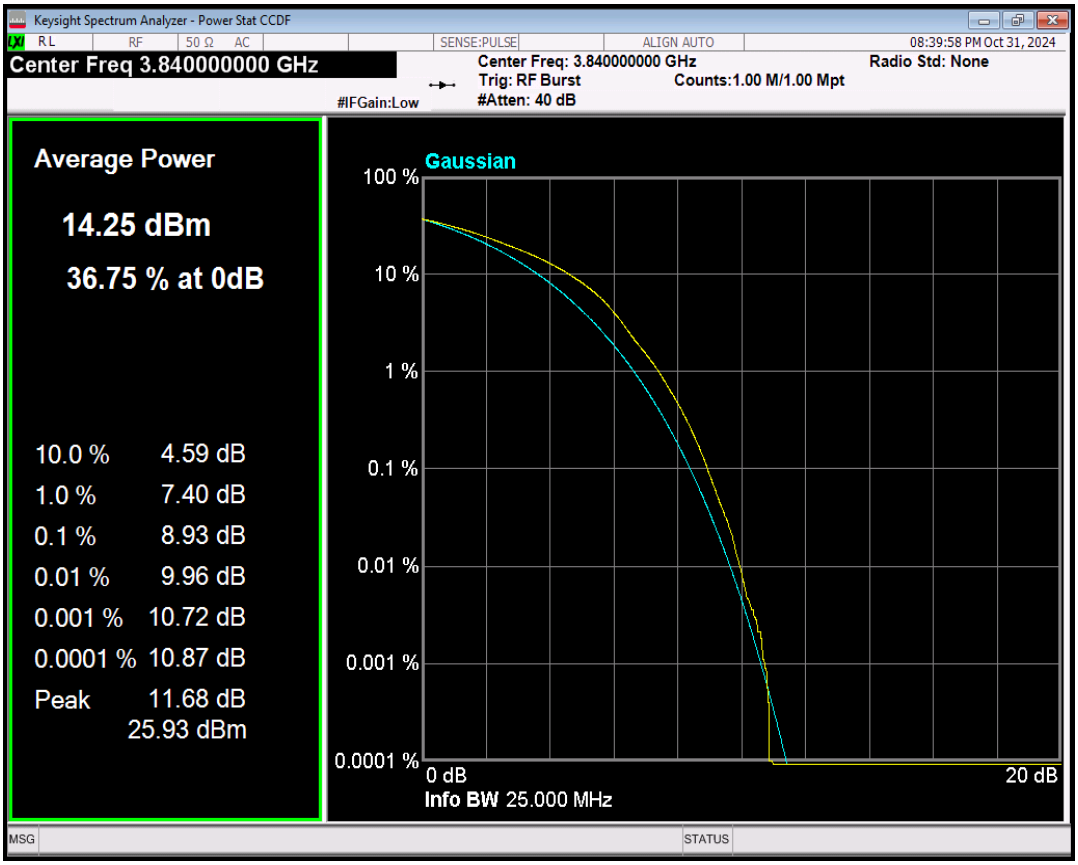
n77(3700-3980) SCS=30kHz DFT_QPSK BW=70MHz Channel=656000 RB=



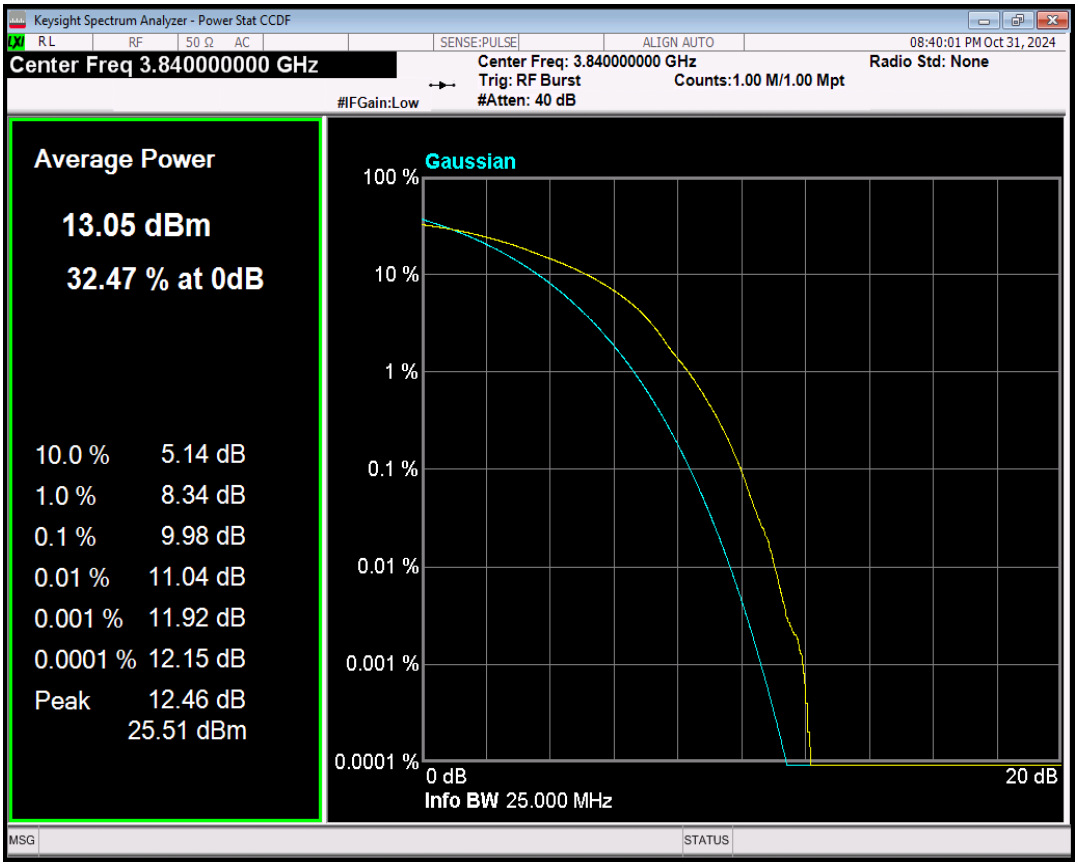
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=70MHz Channel=656000 RB=



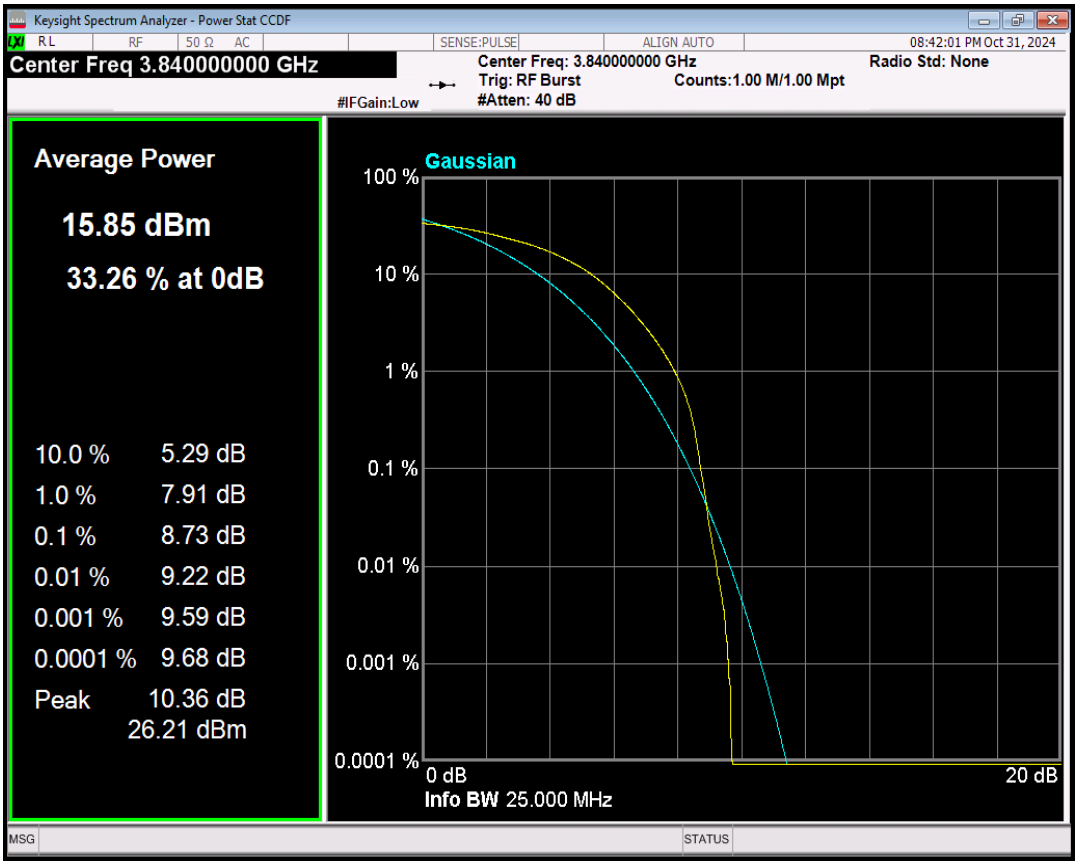
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=70MHz Channel=656000 RB=



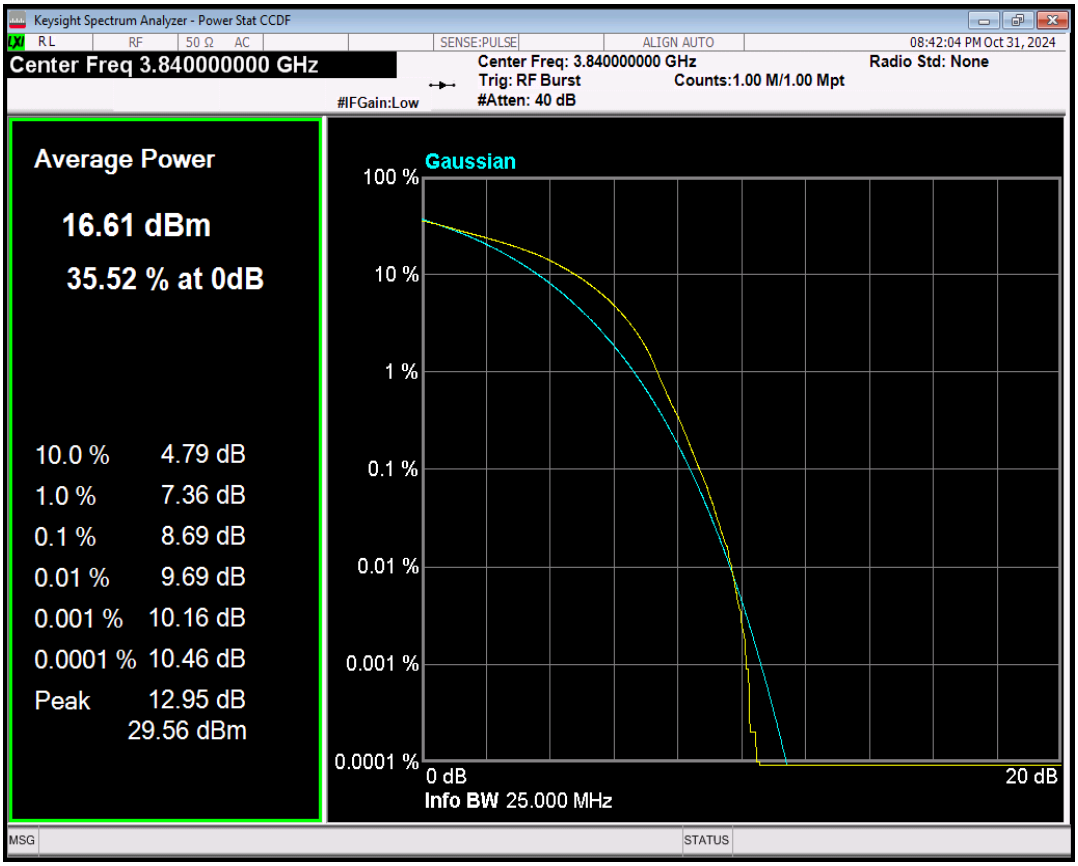
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=70MHz Channel=656000 RB=



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



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



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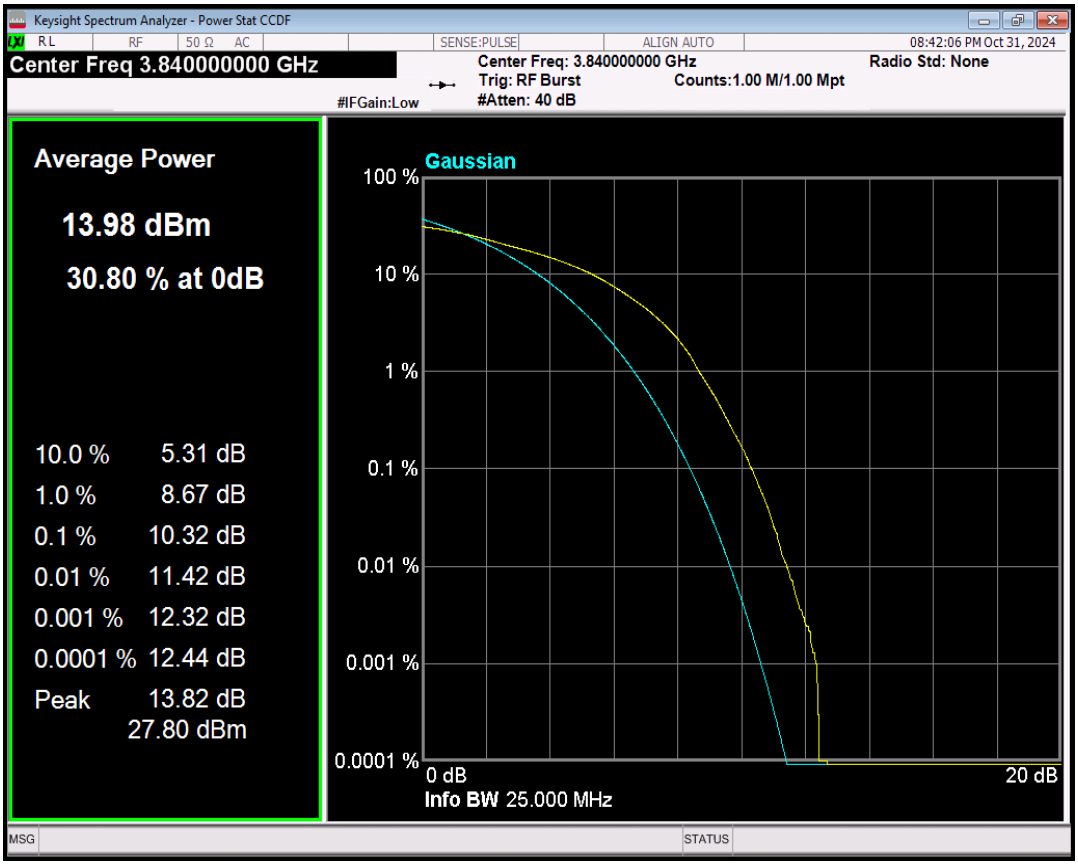

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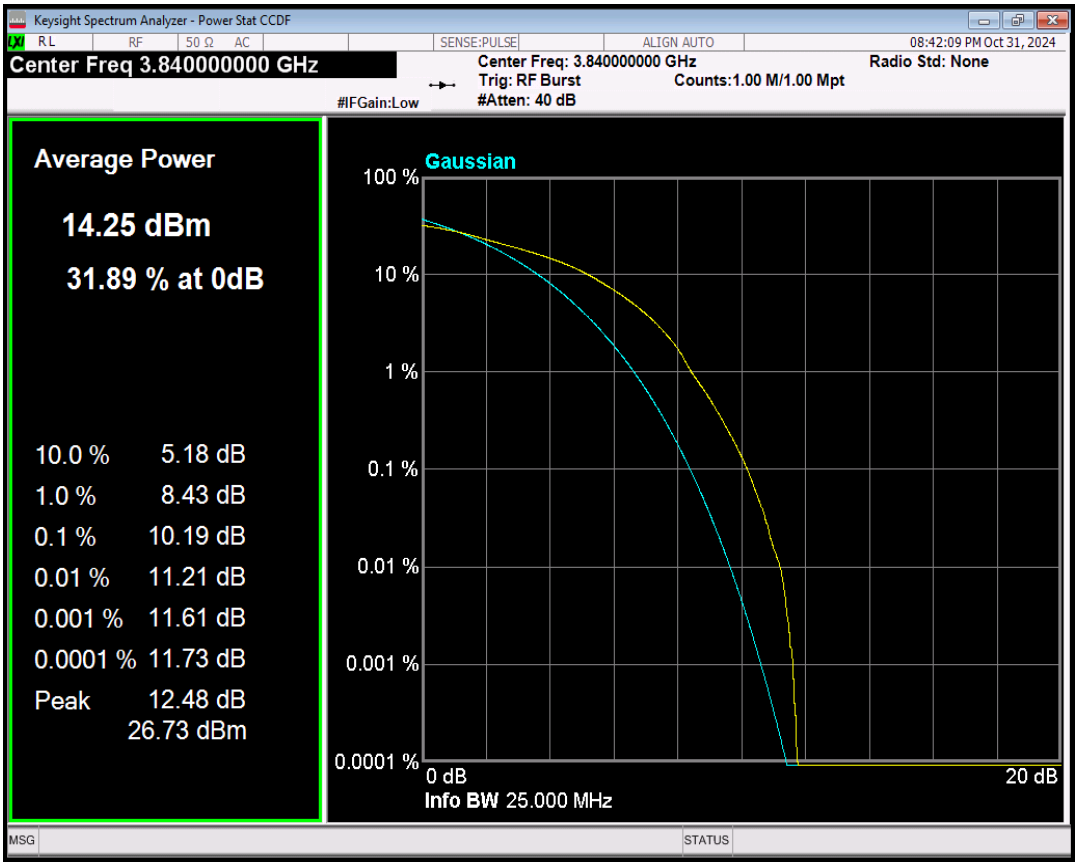

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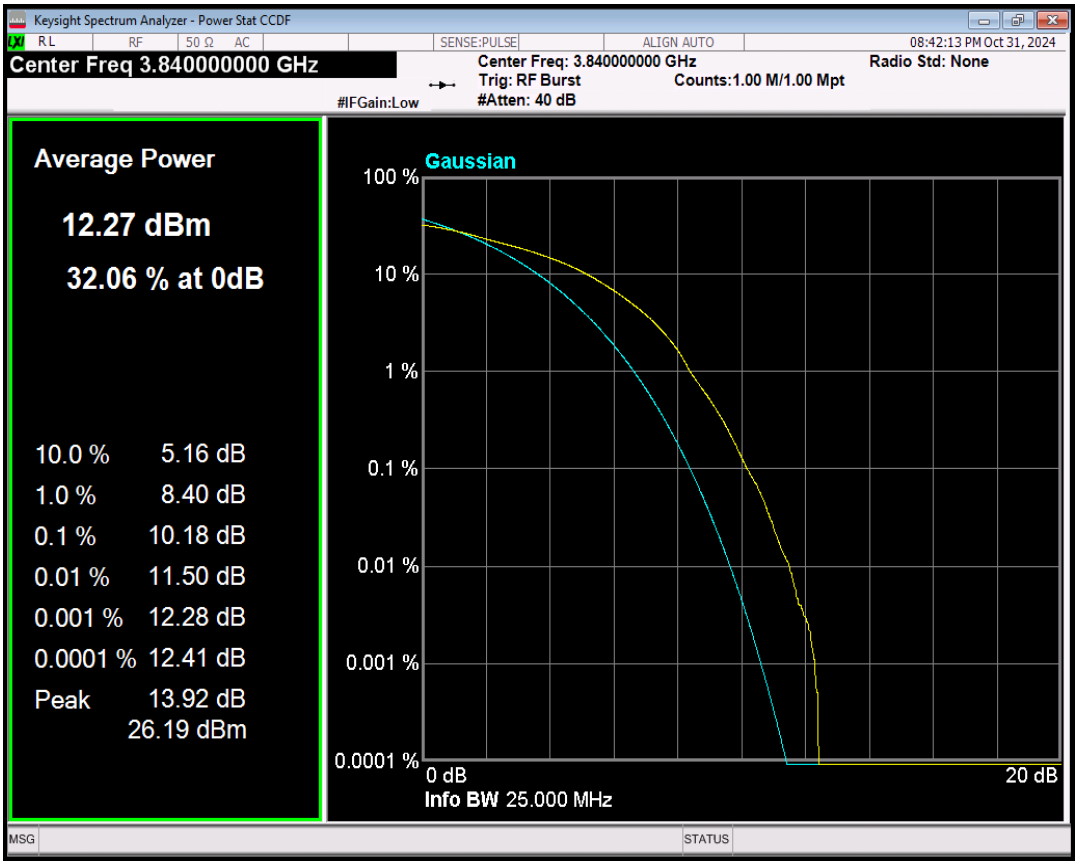

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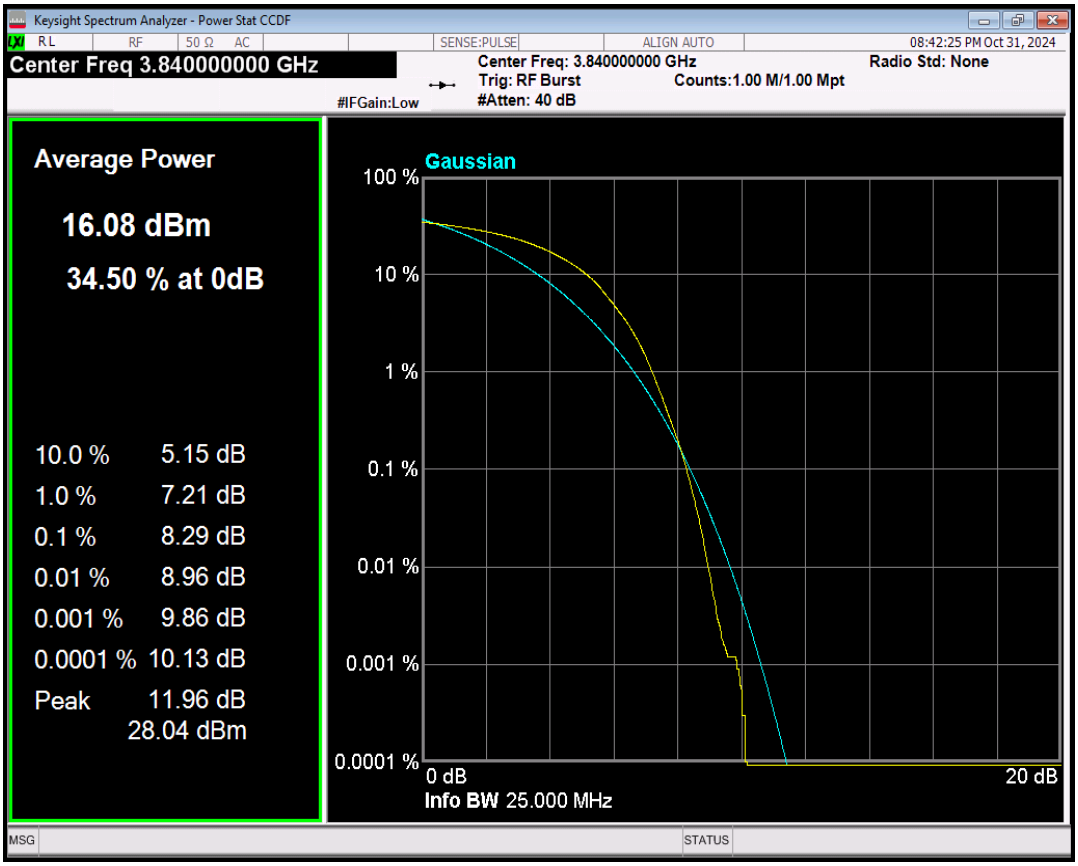

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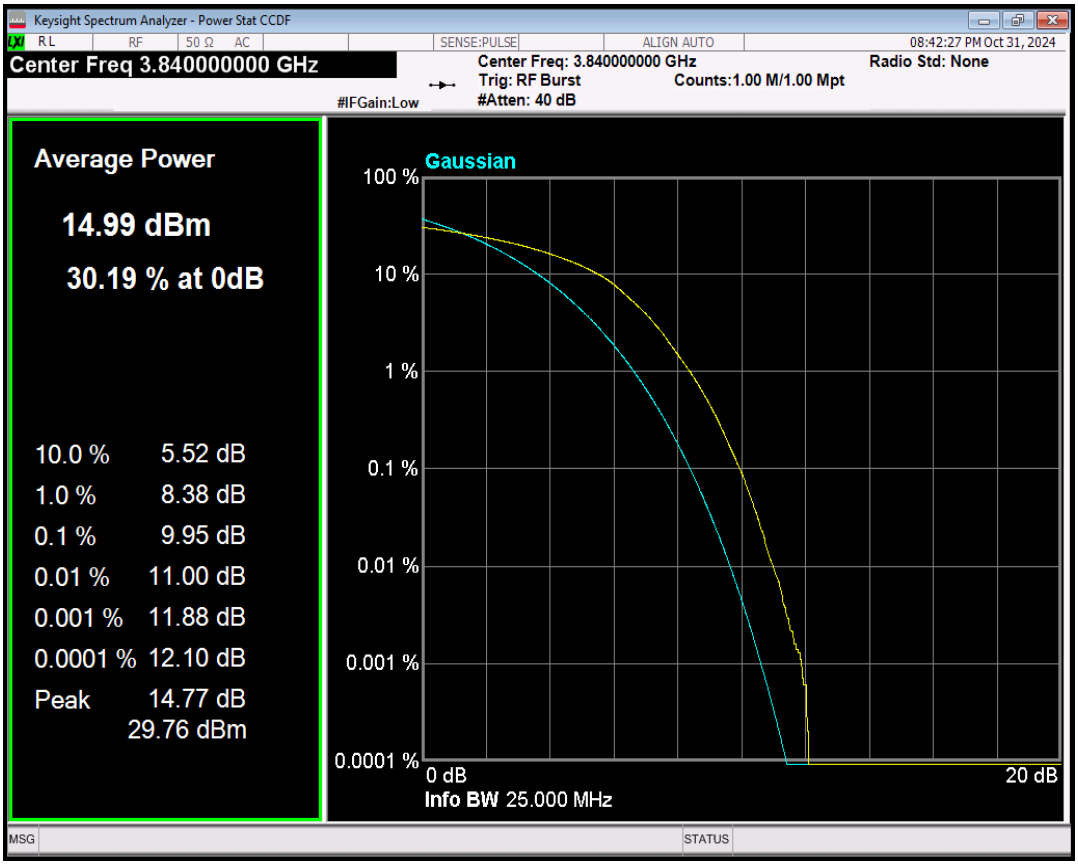

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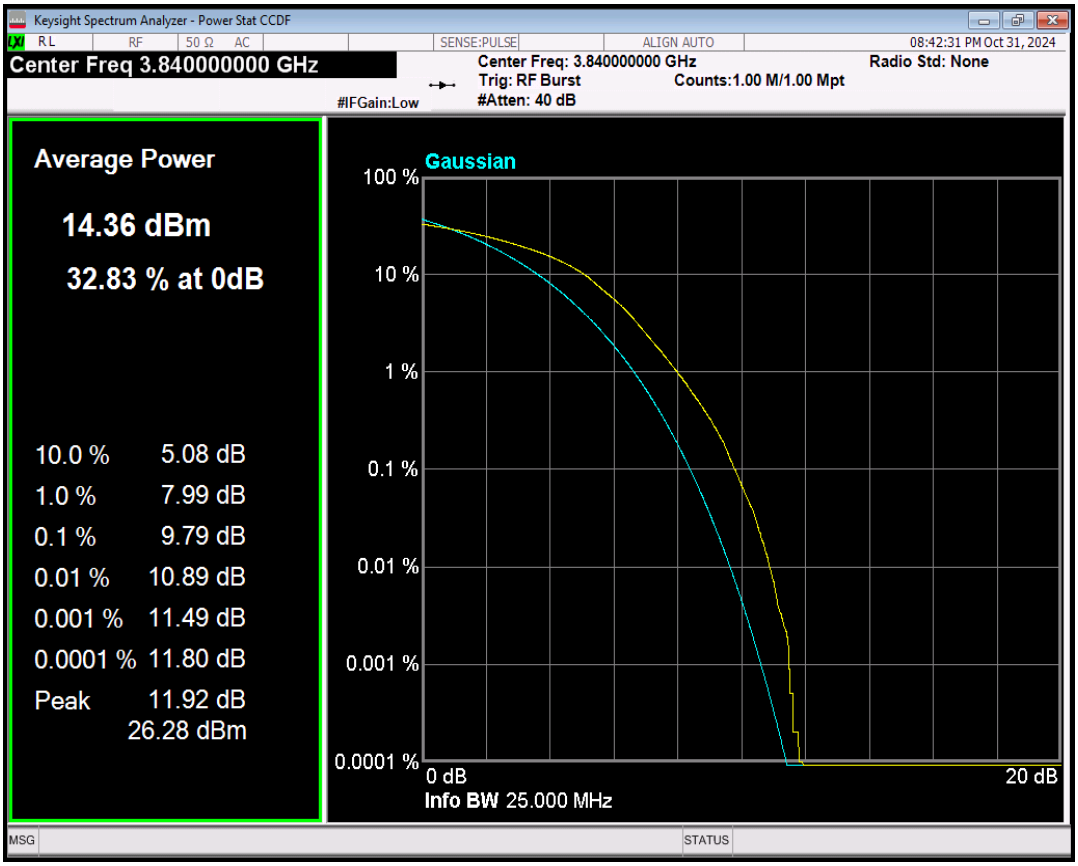

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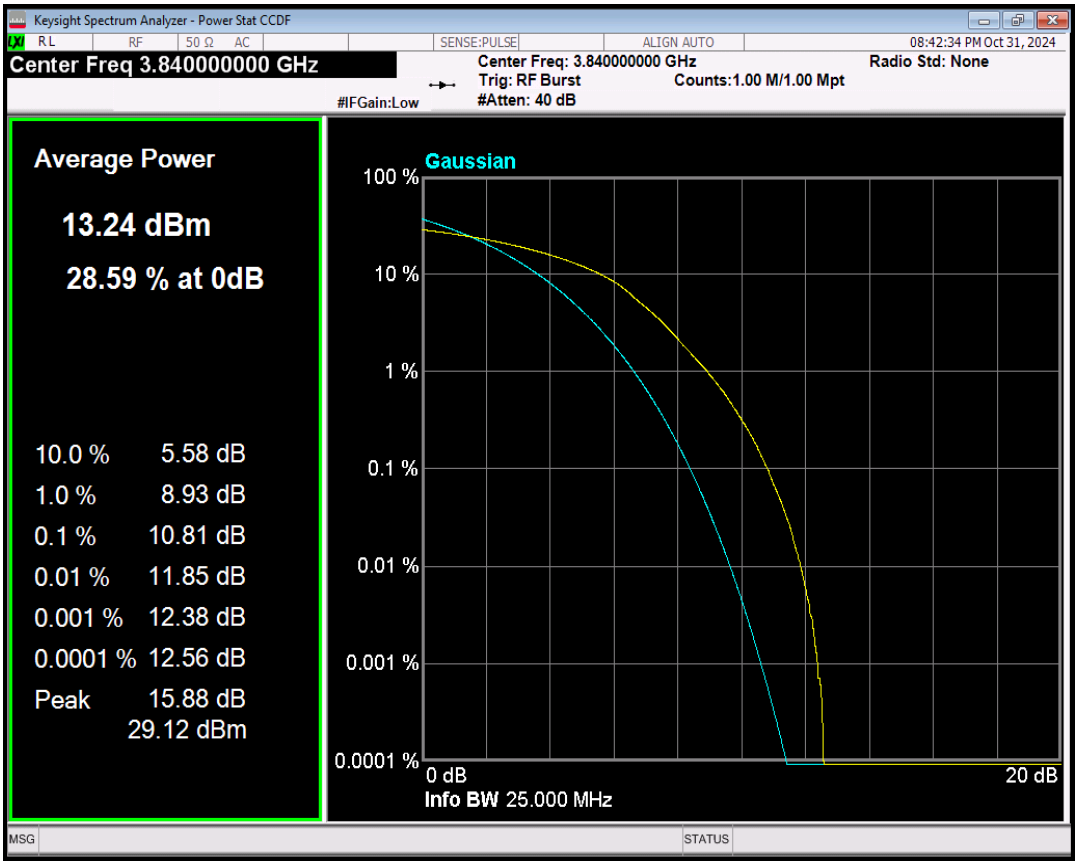
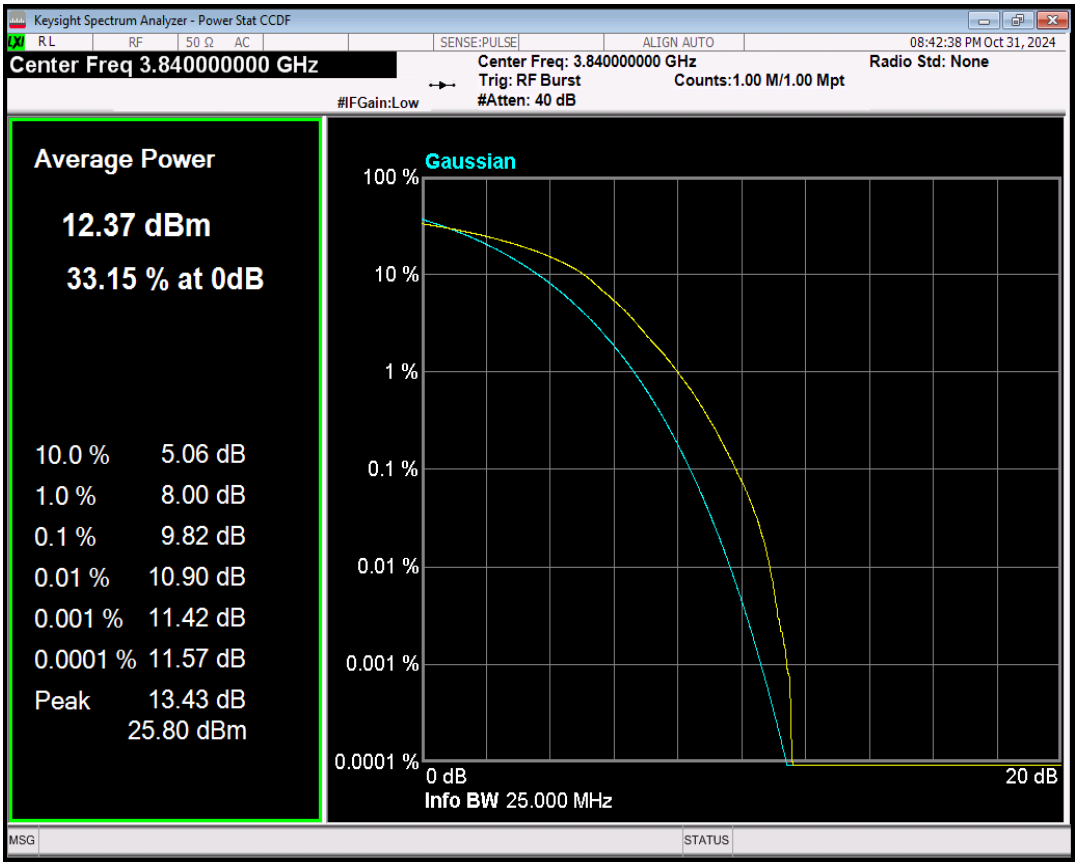


n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



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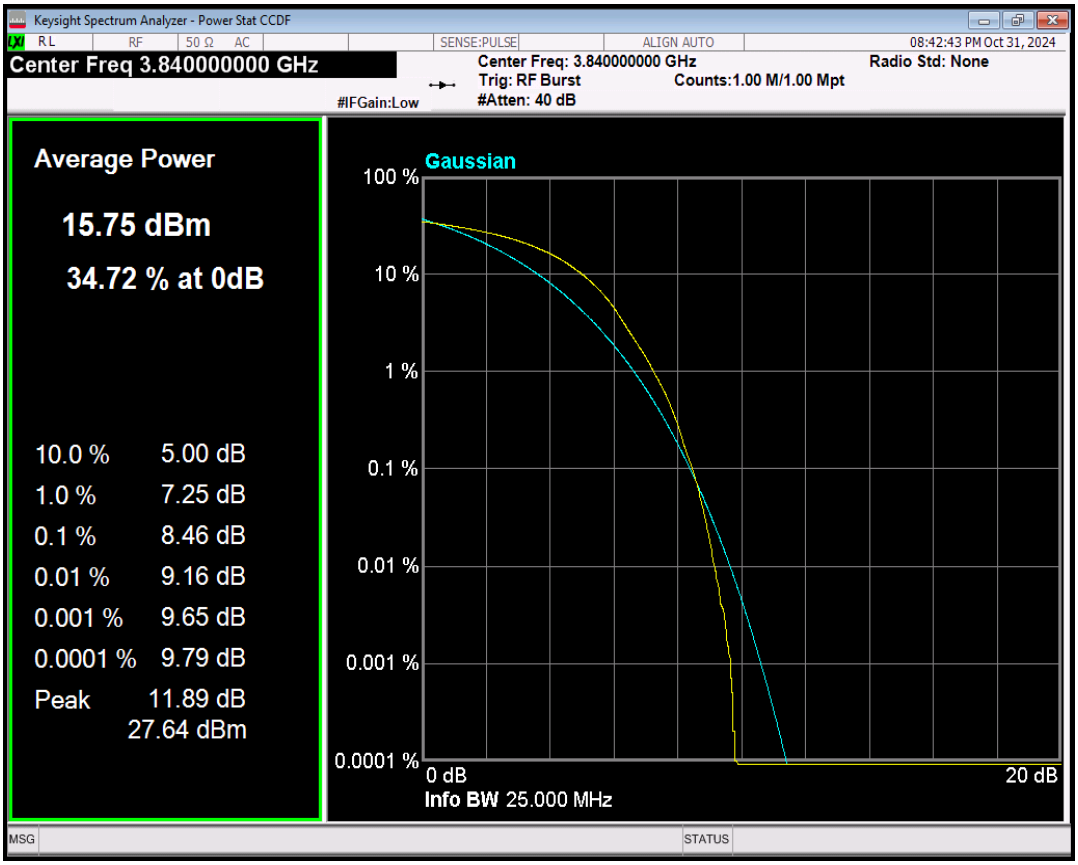
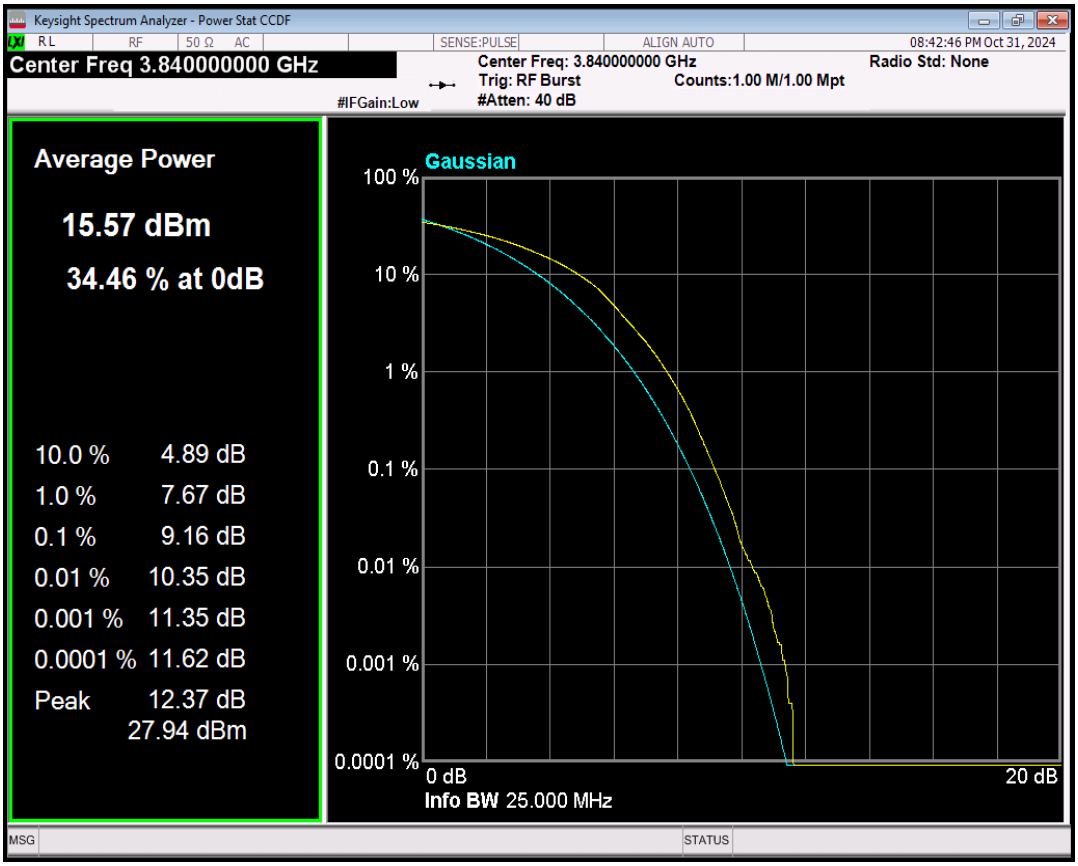


n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



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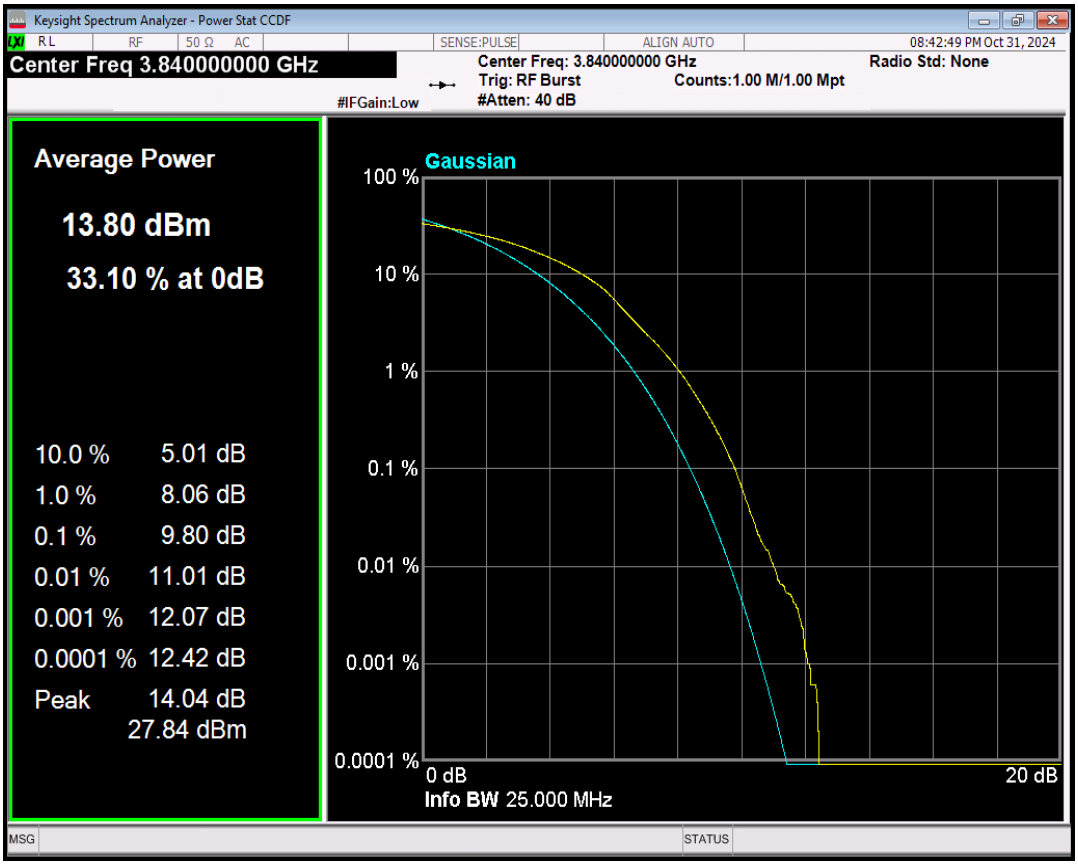
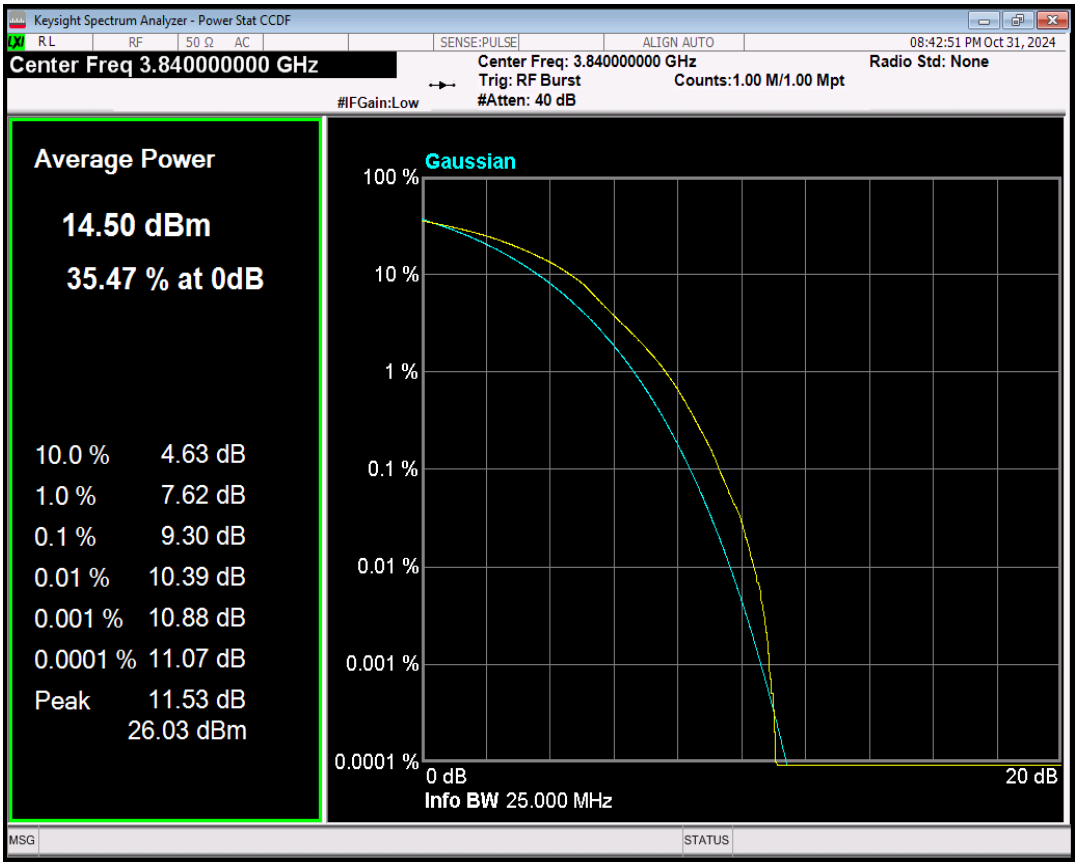
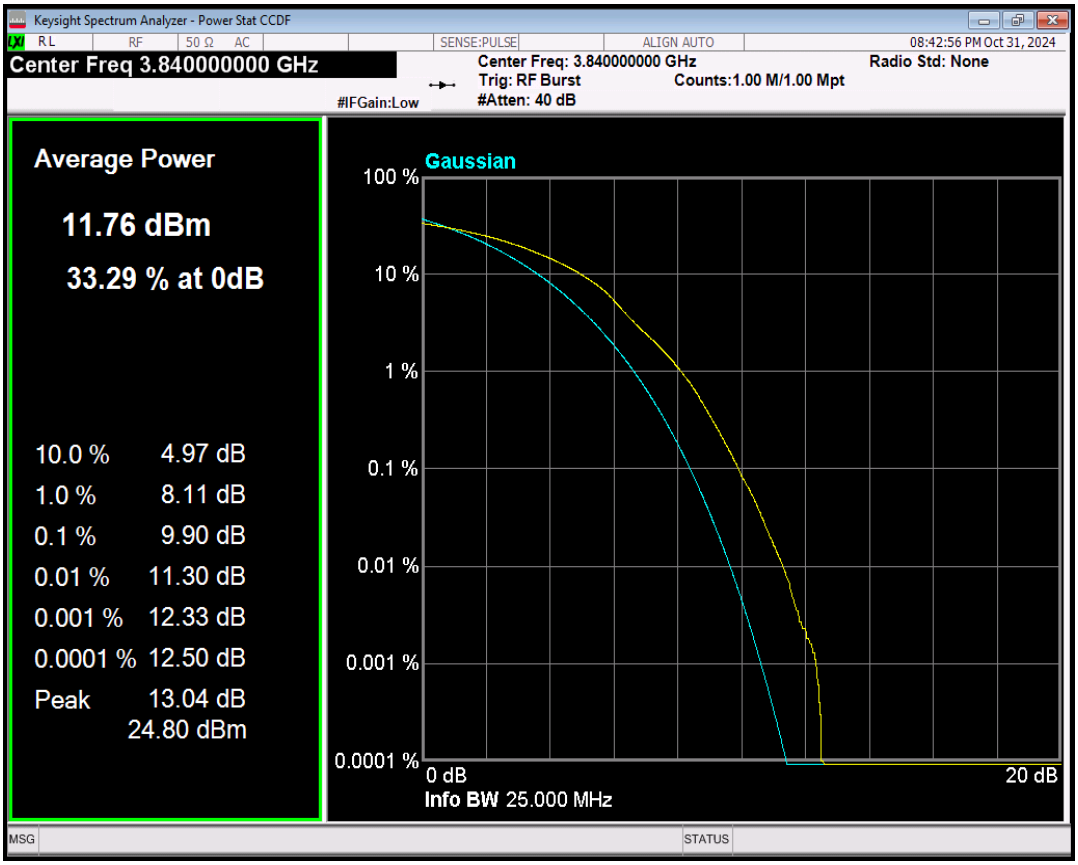


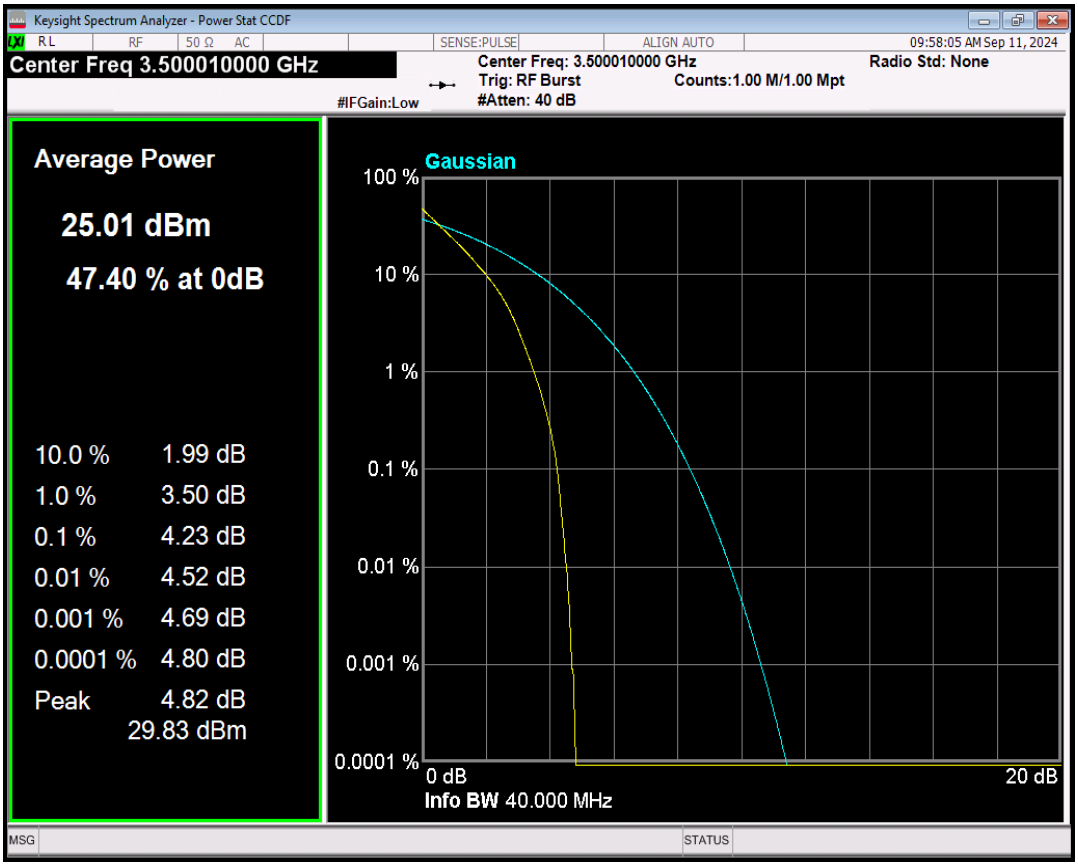
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0



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



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



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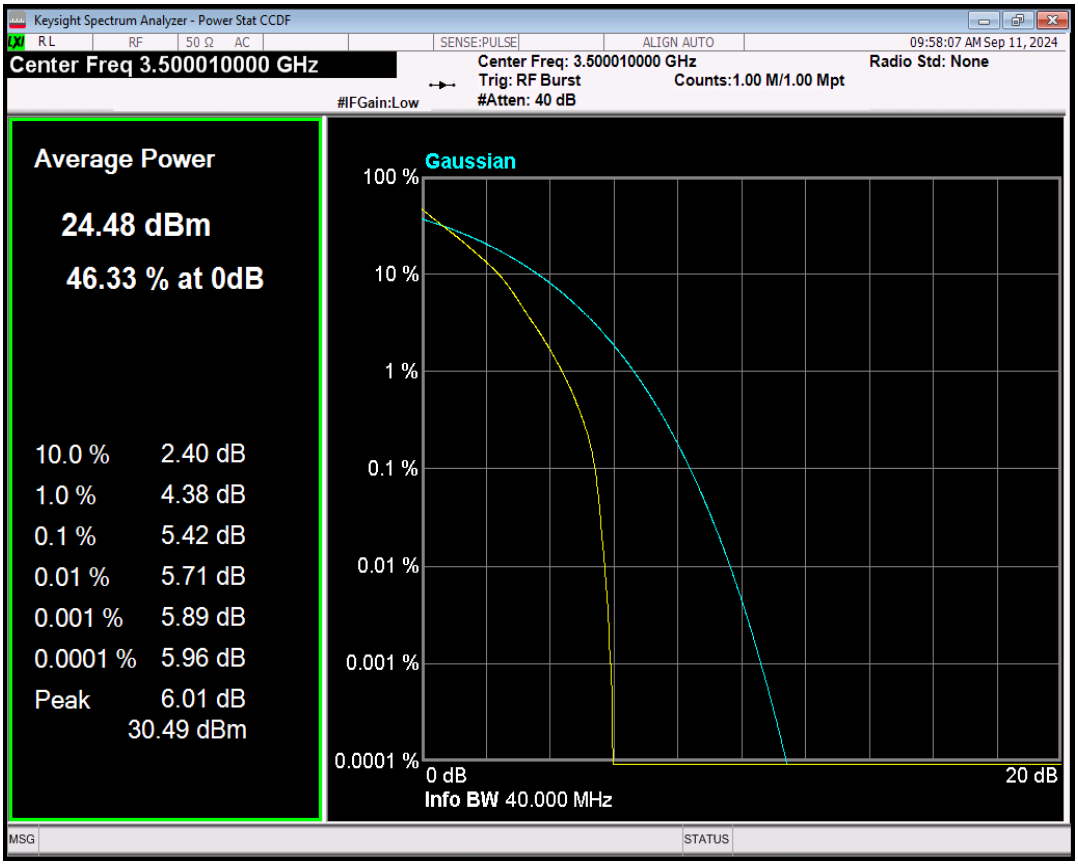

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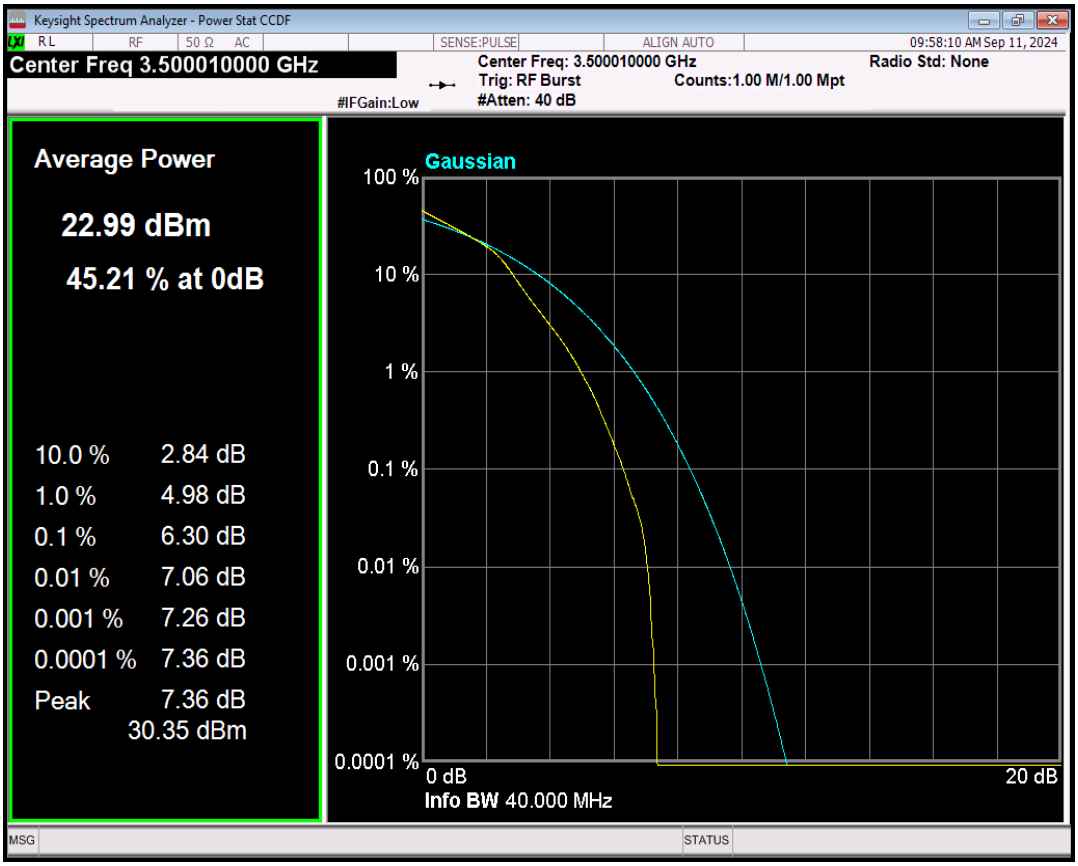

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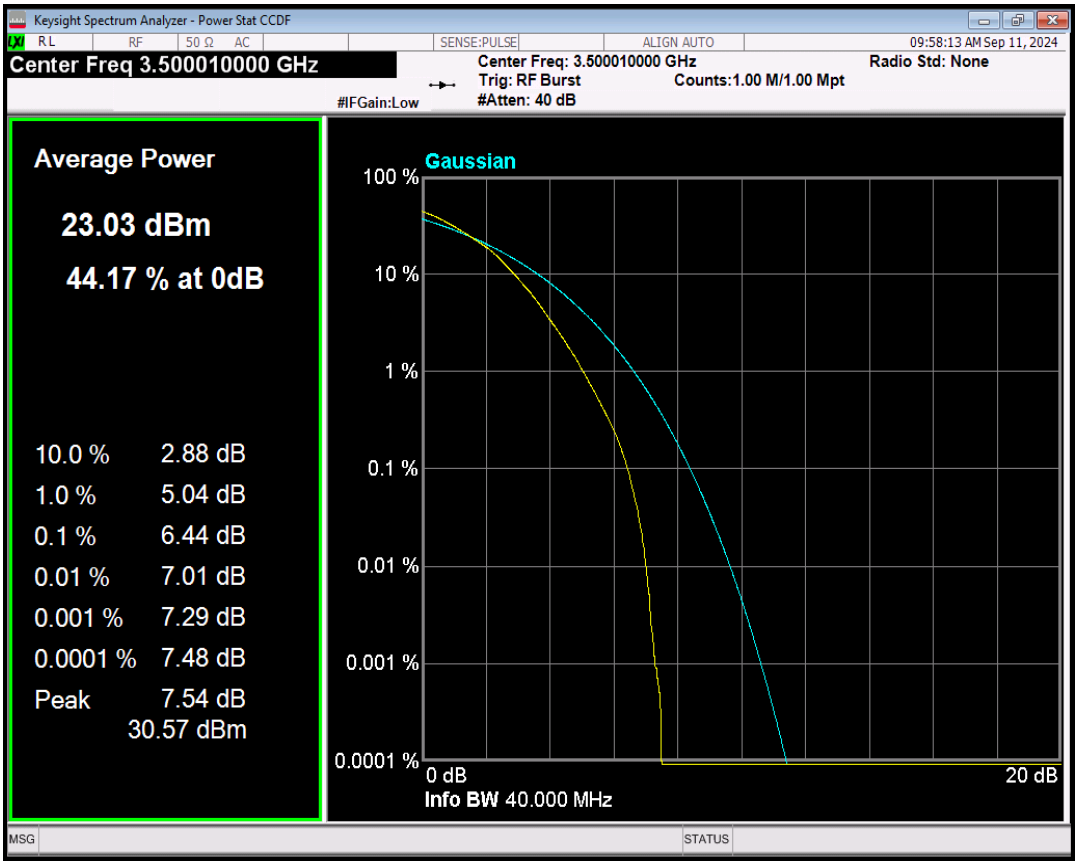
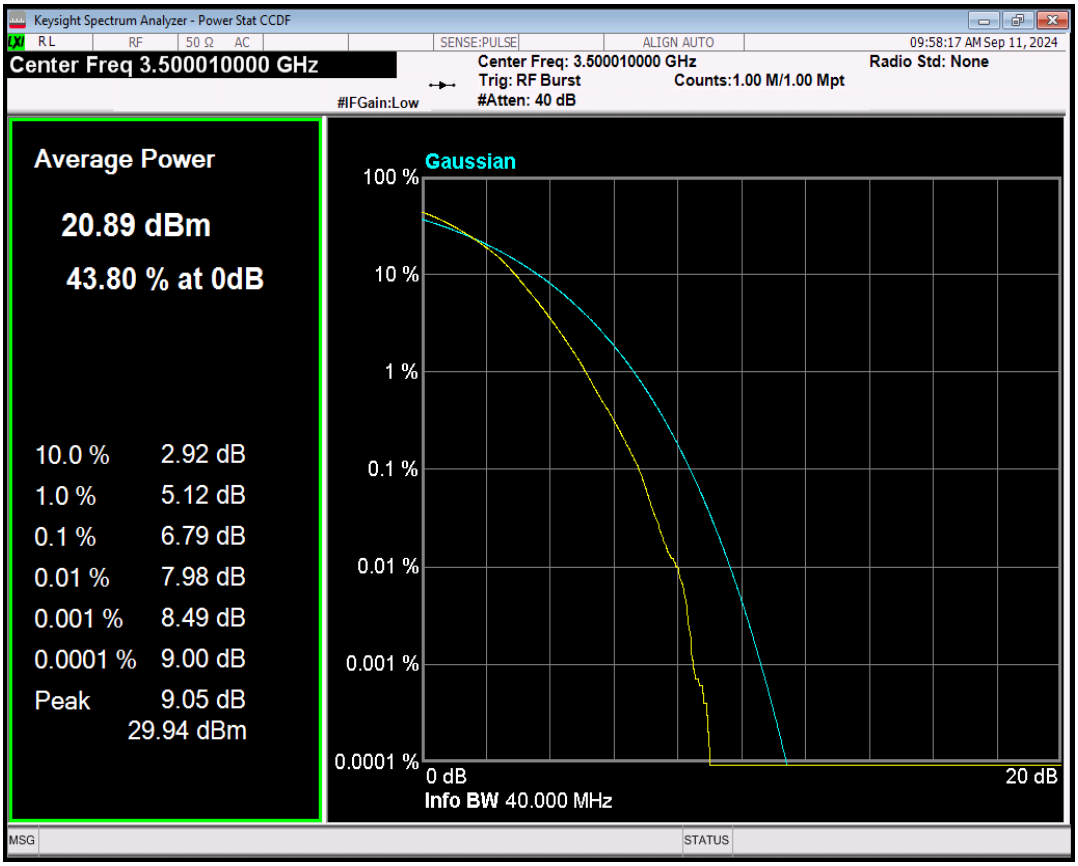
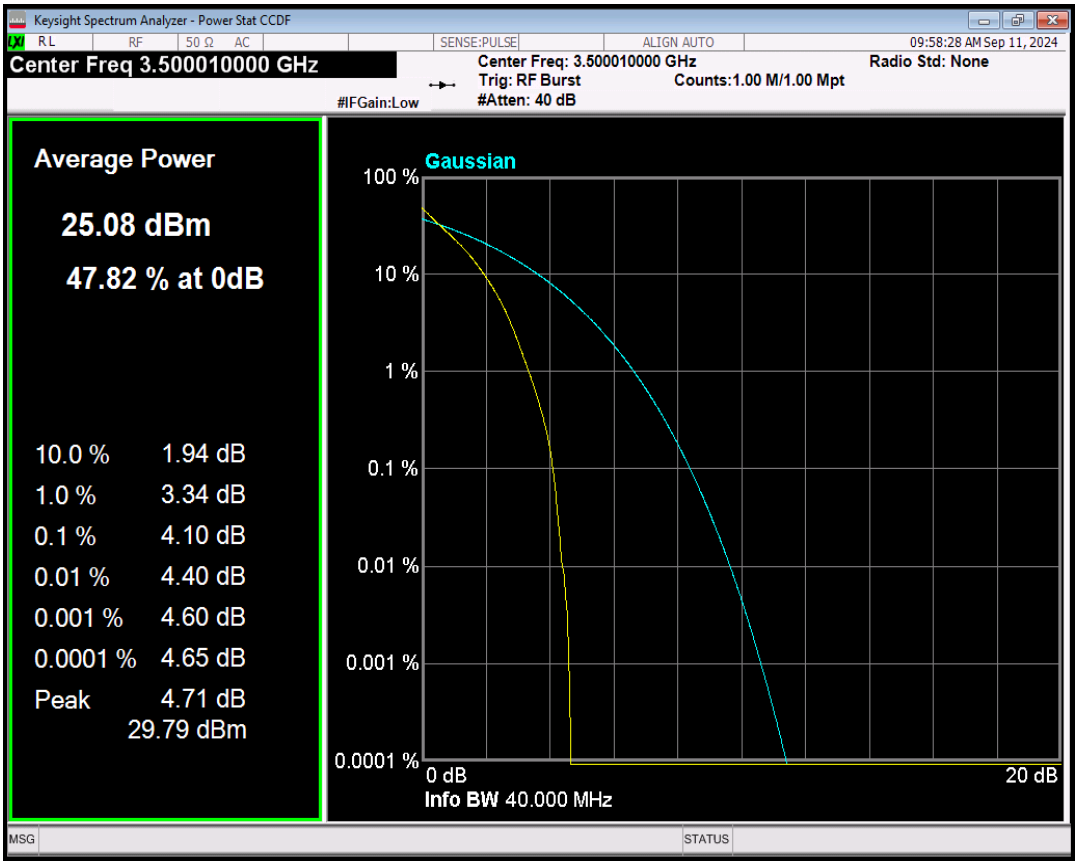


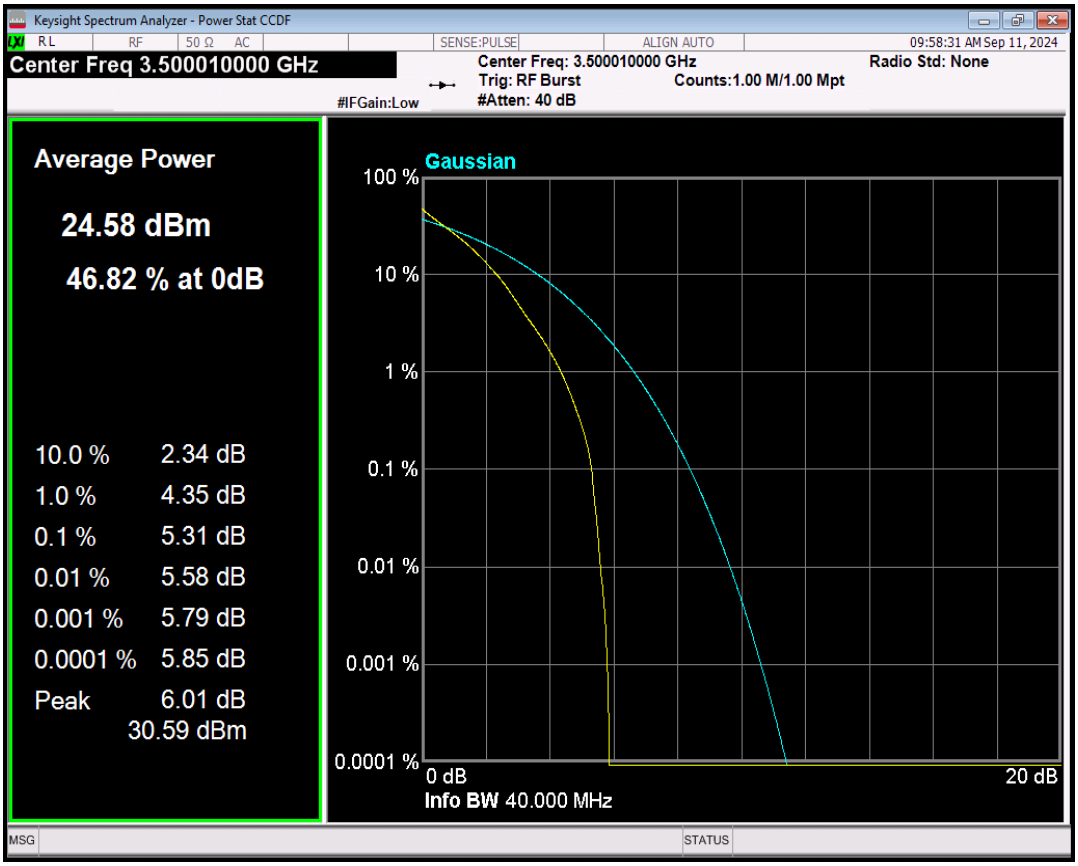
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



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



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



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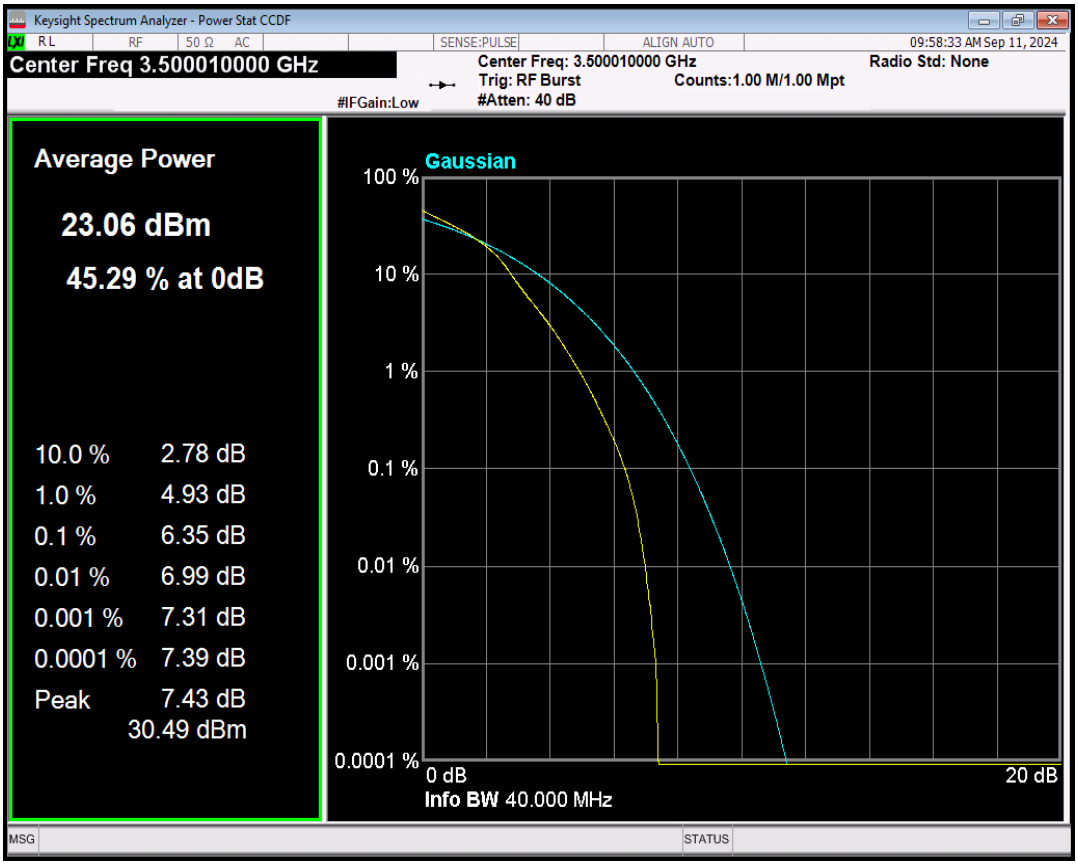

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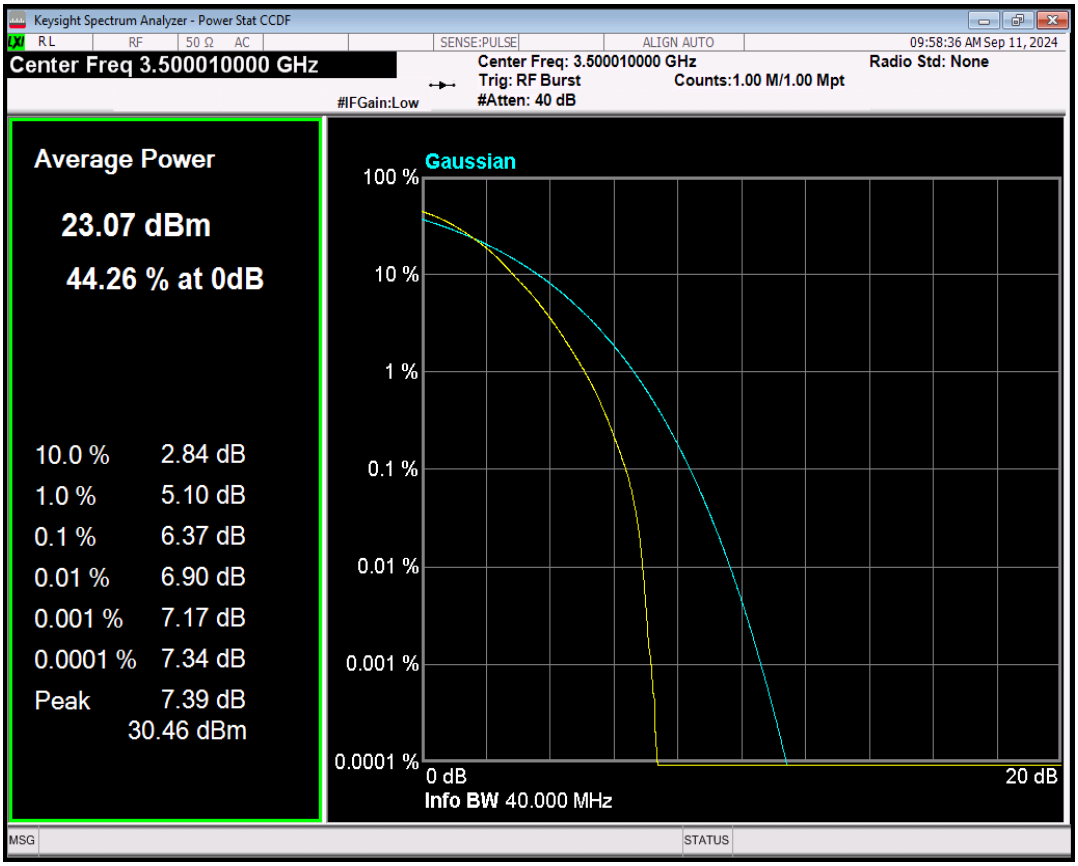

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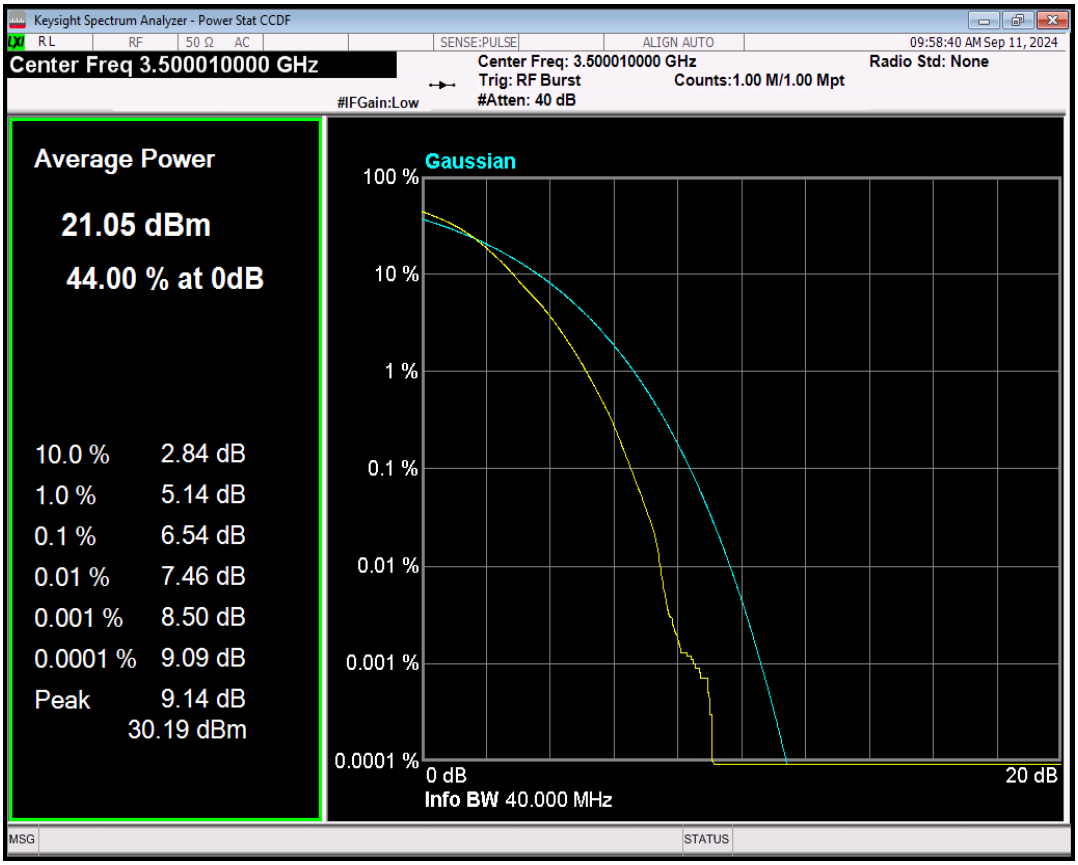
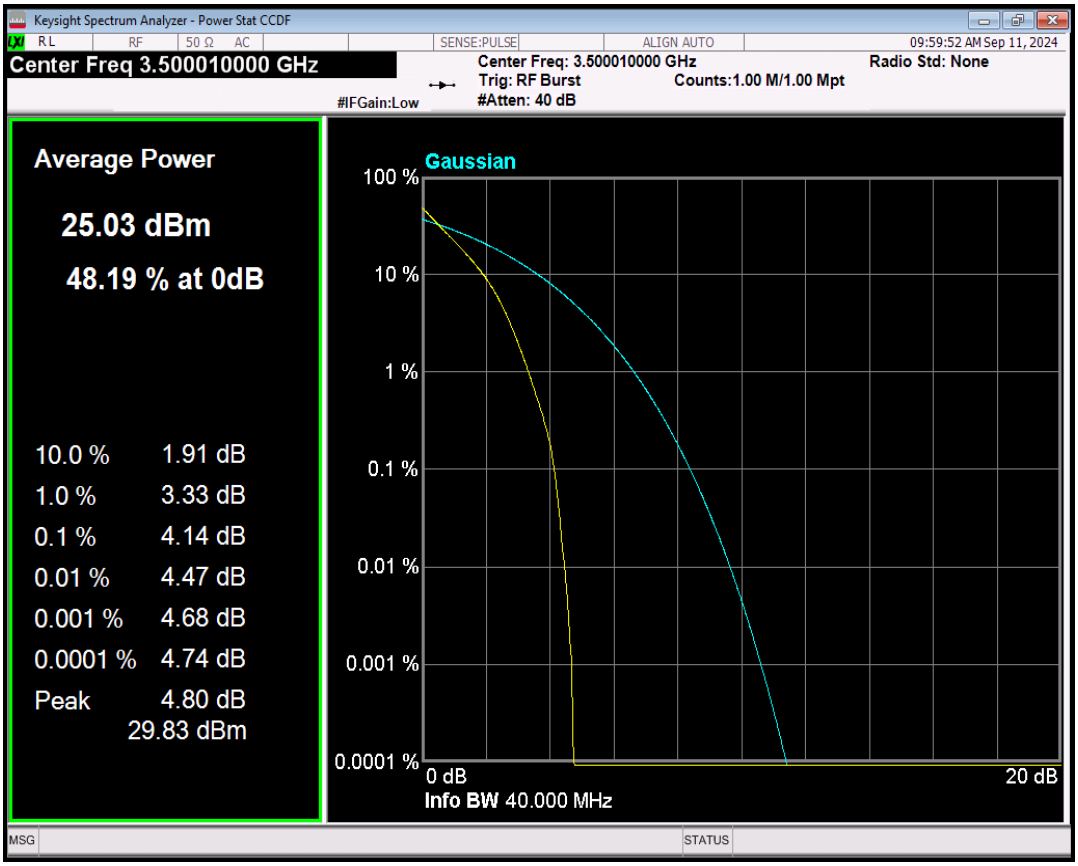
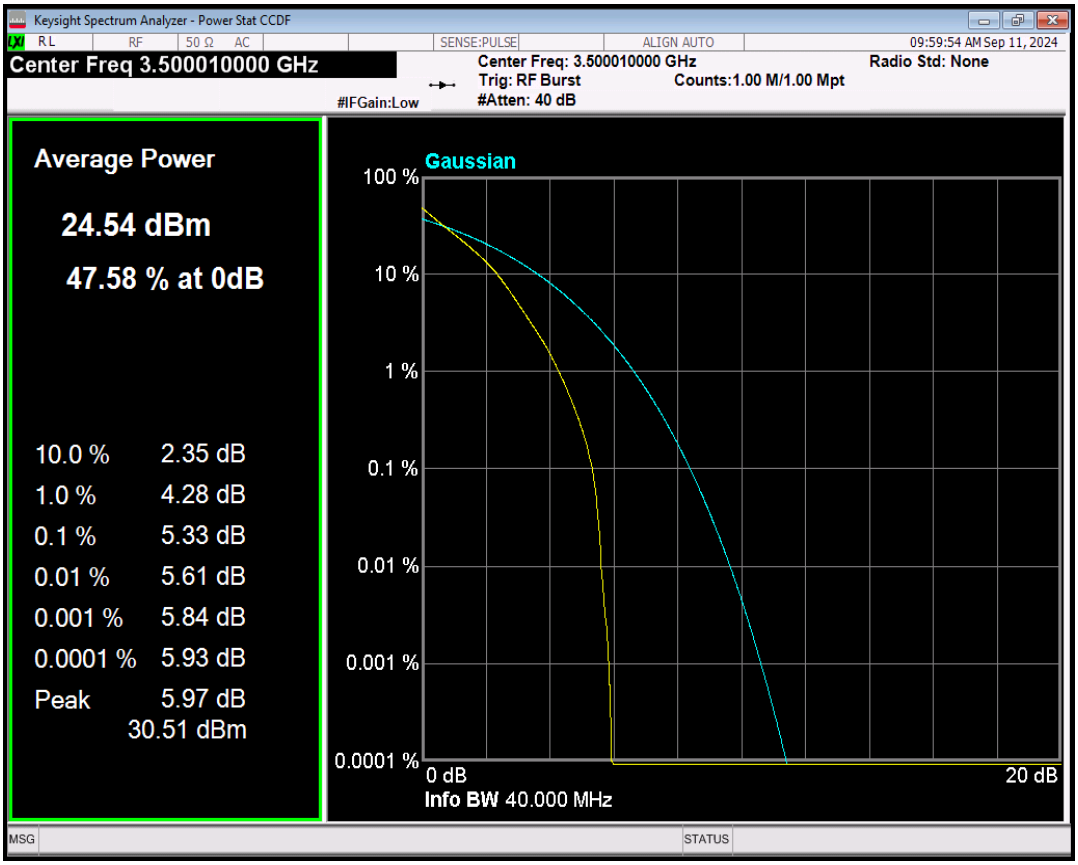


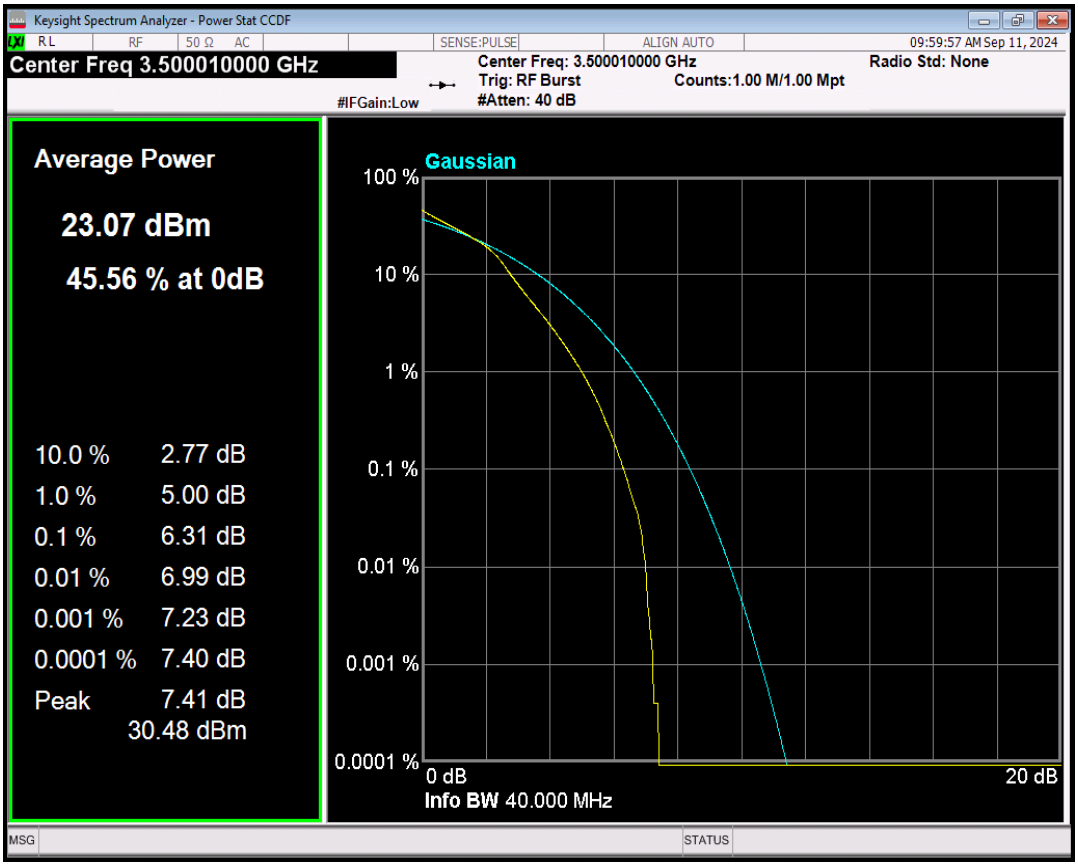
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



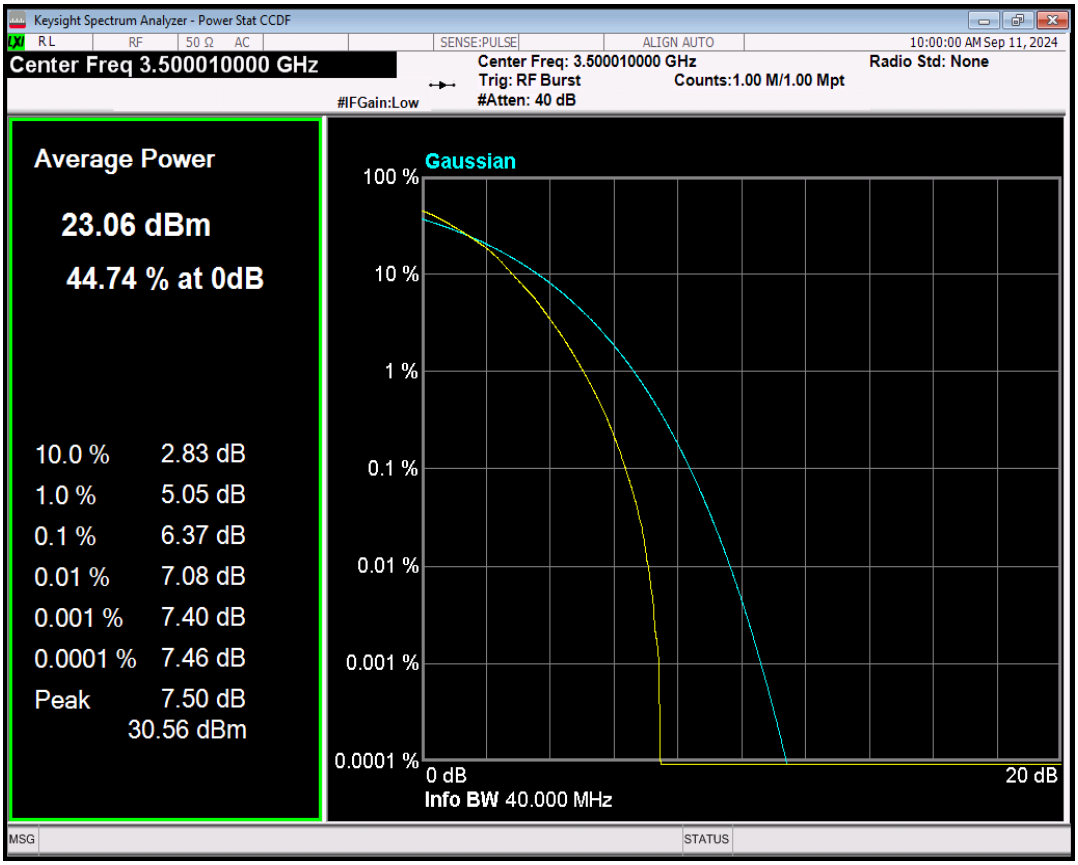
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



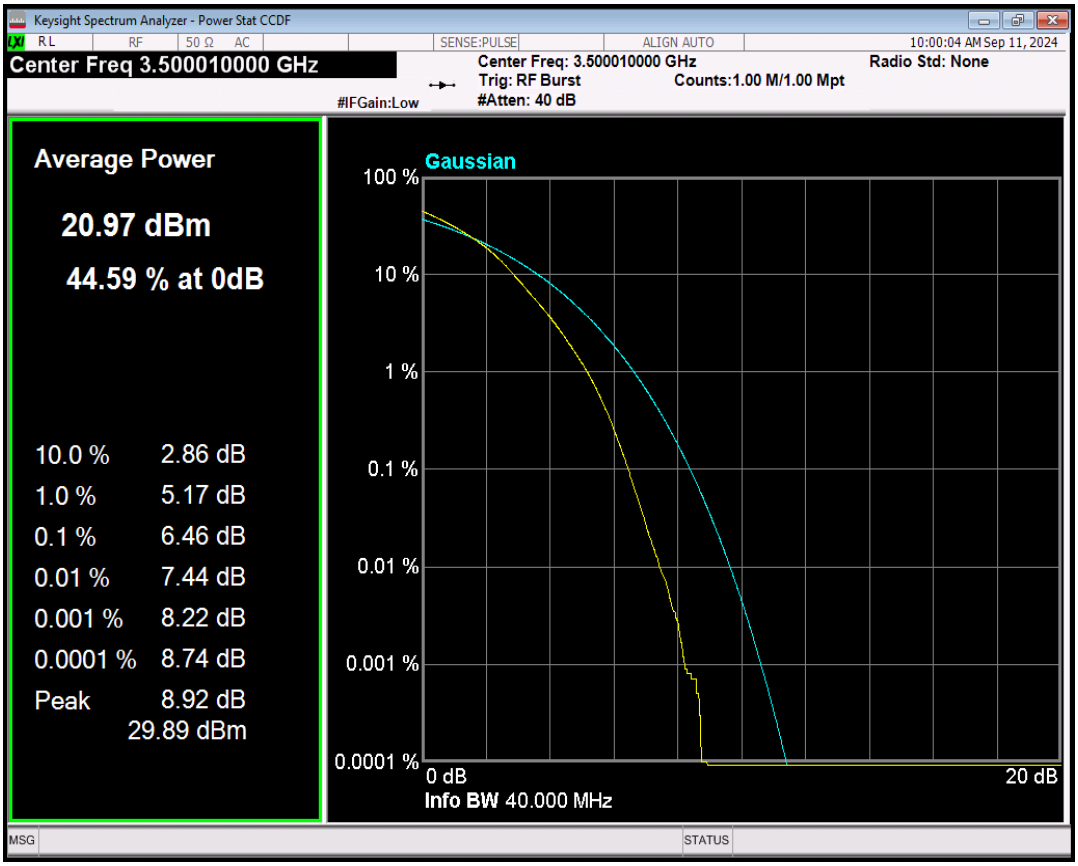
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



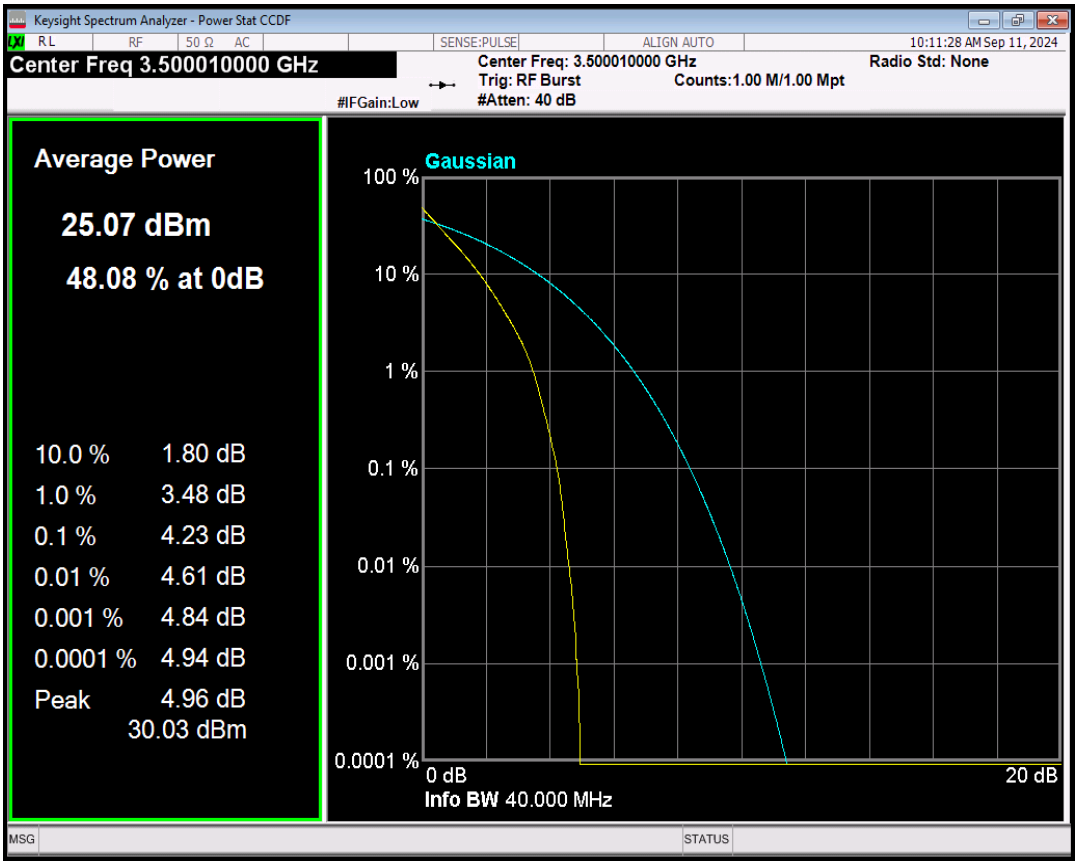
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



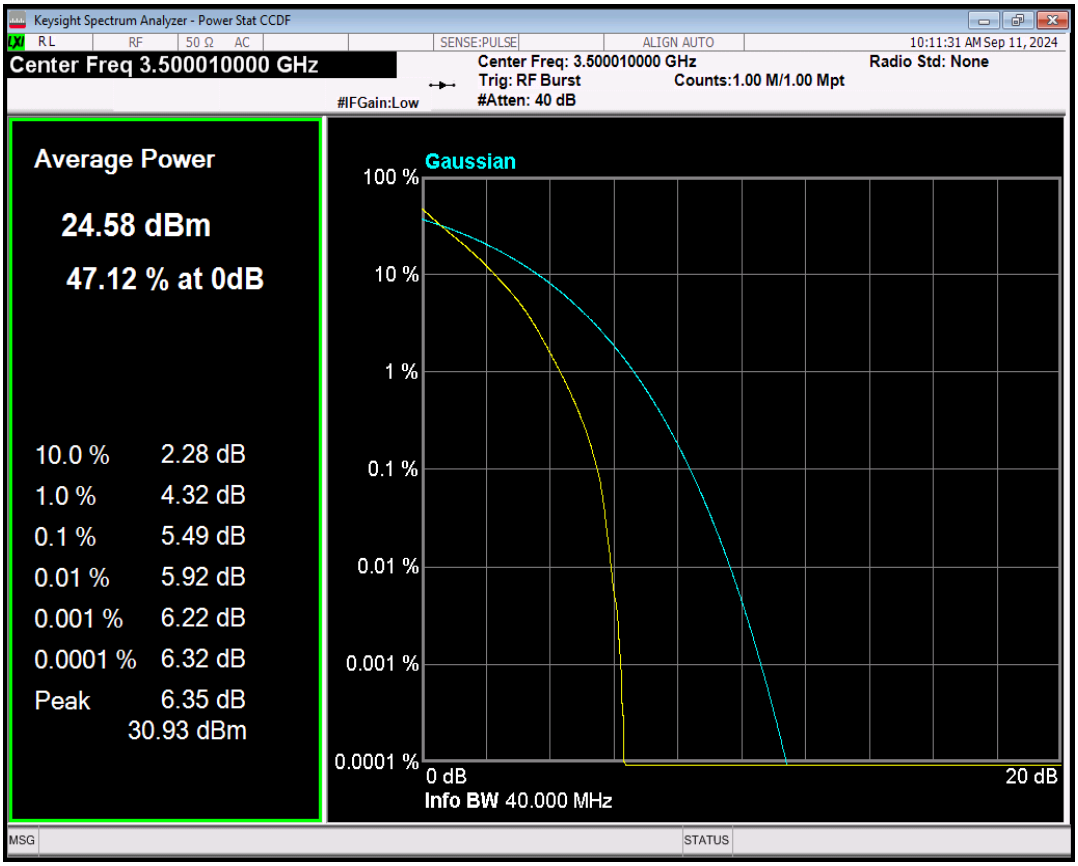
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



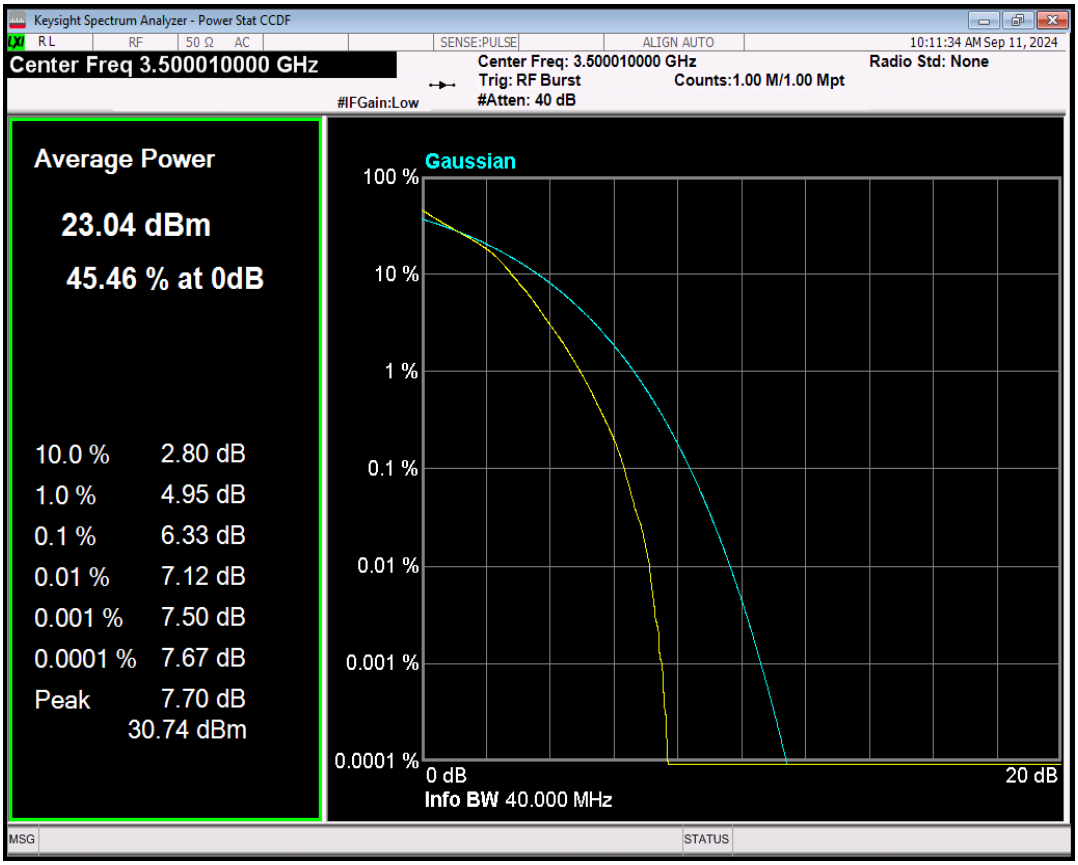
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



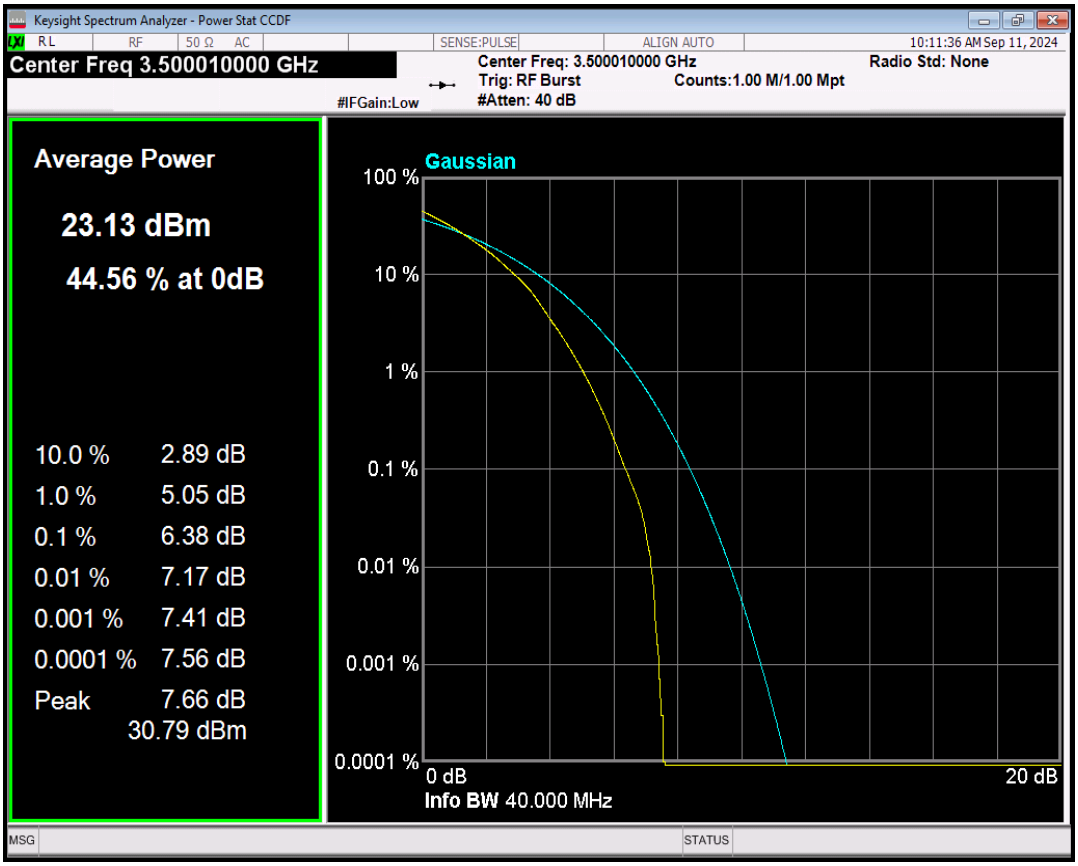
n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



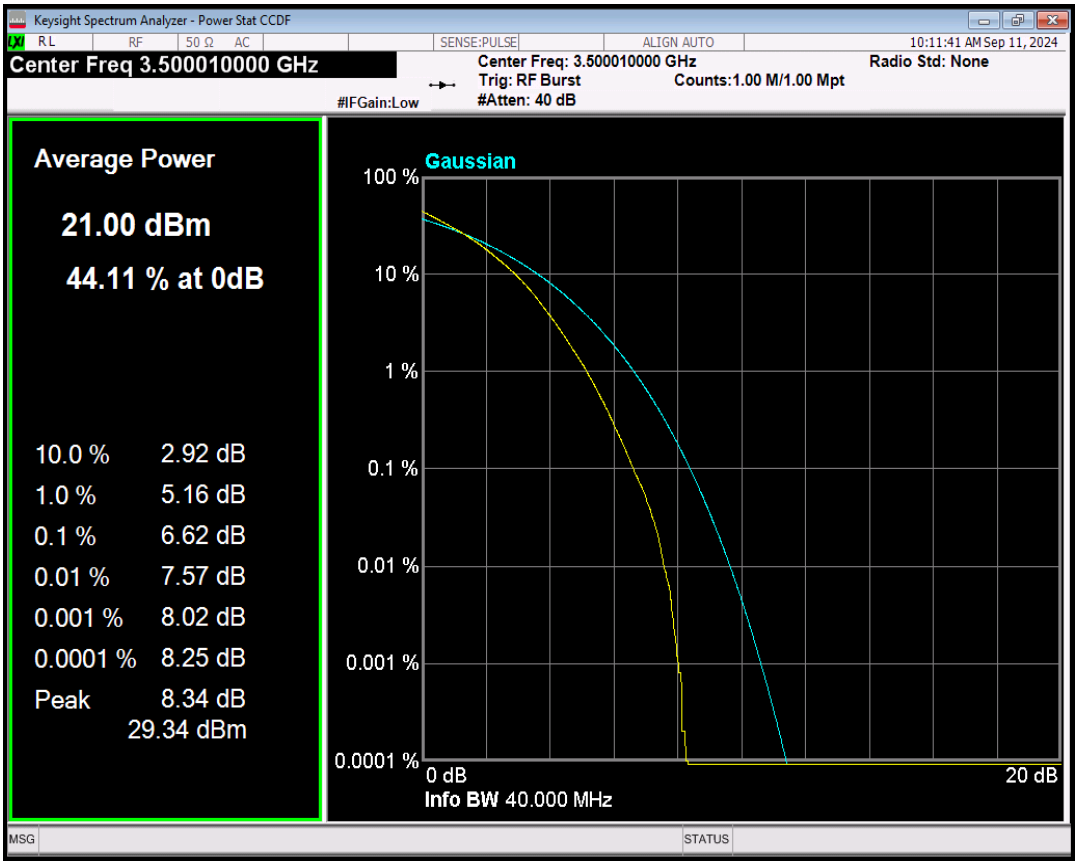
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



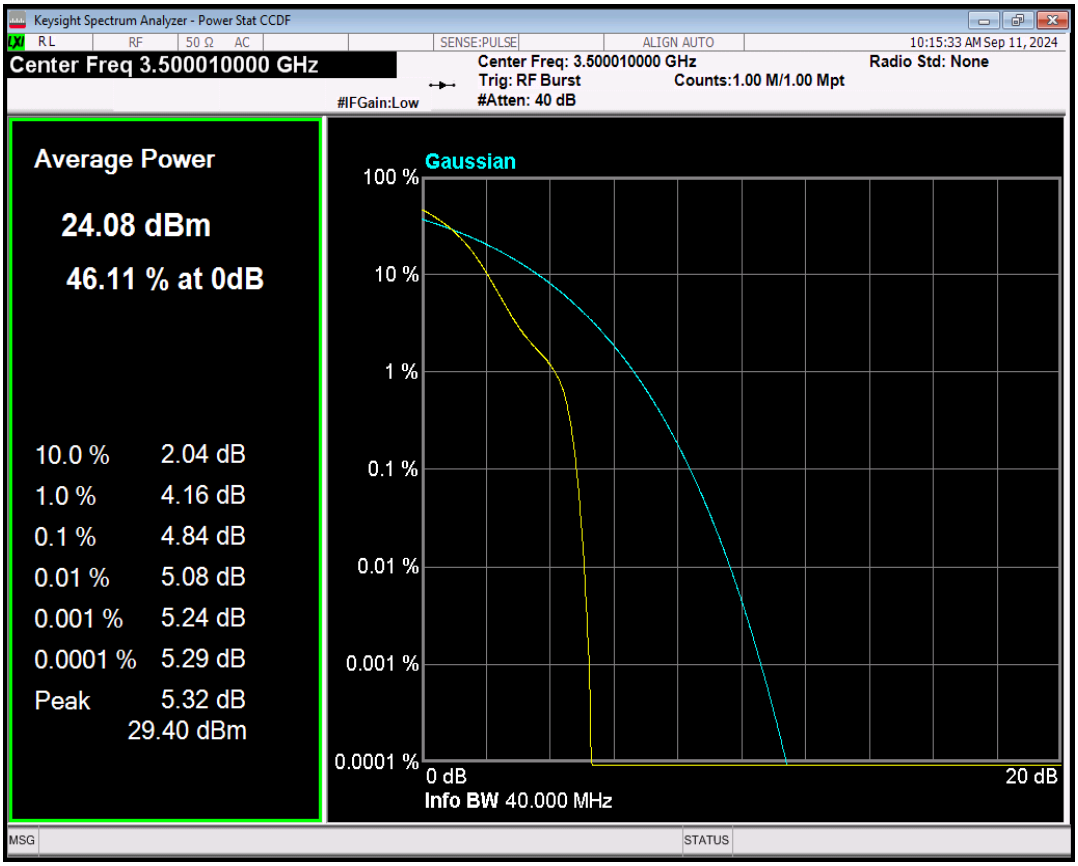
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



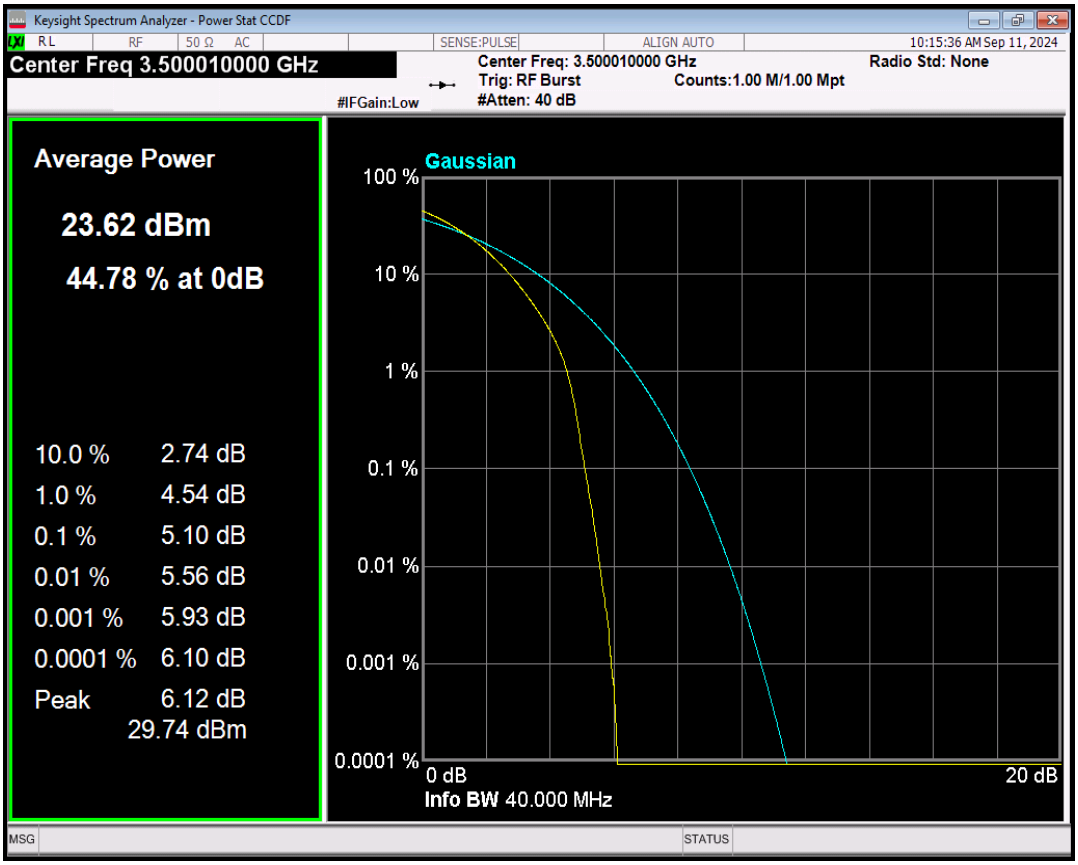
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



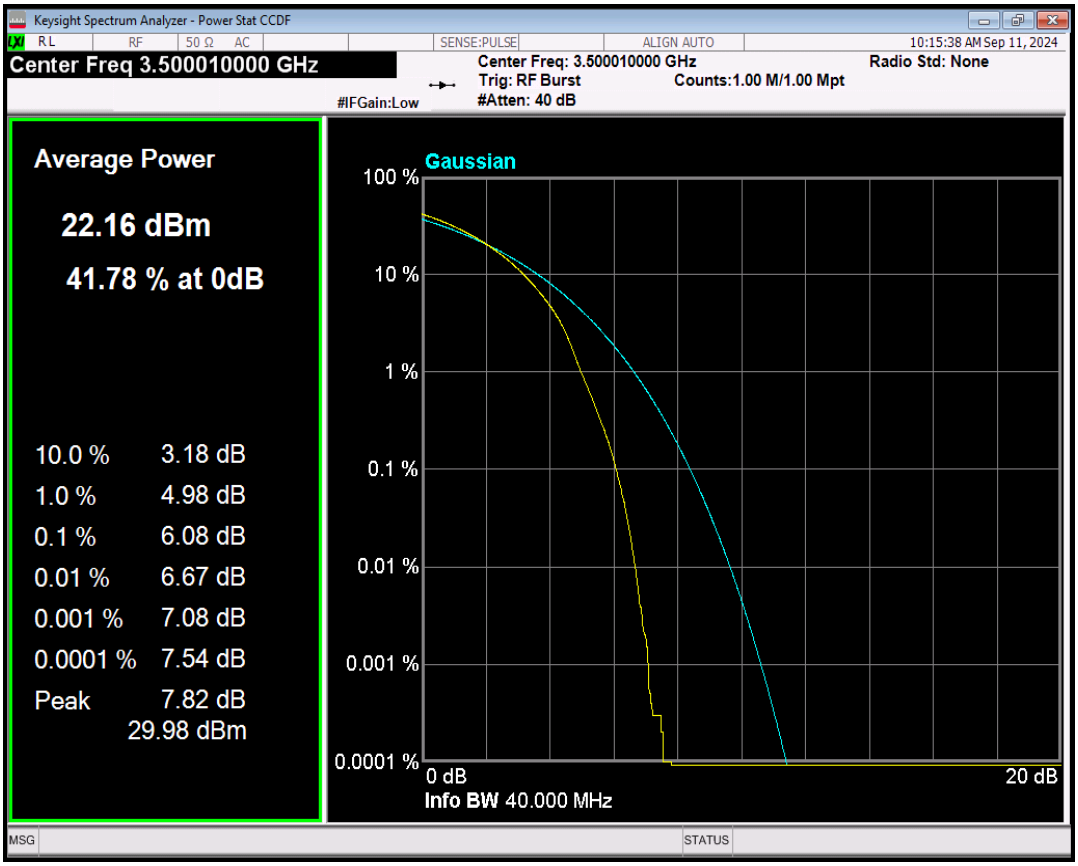
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



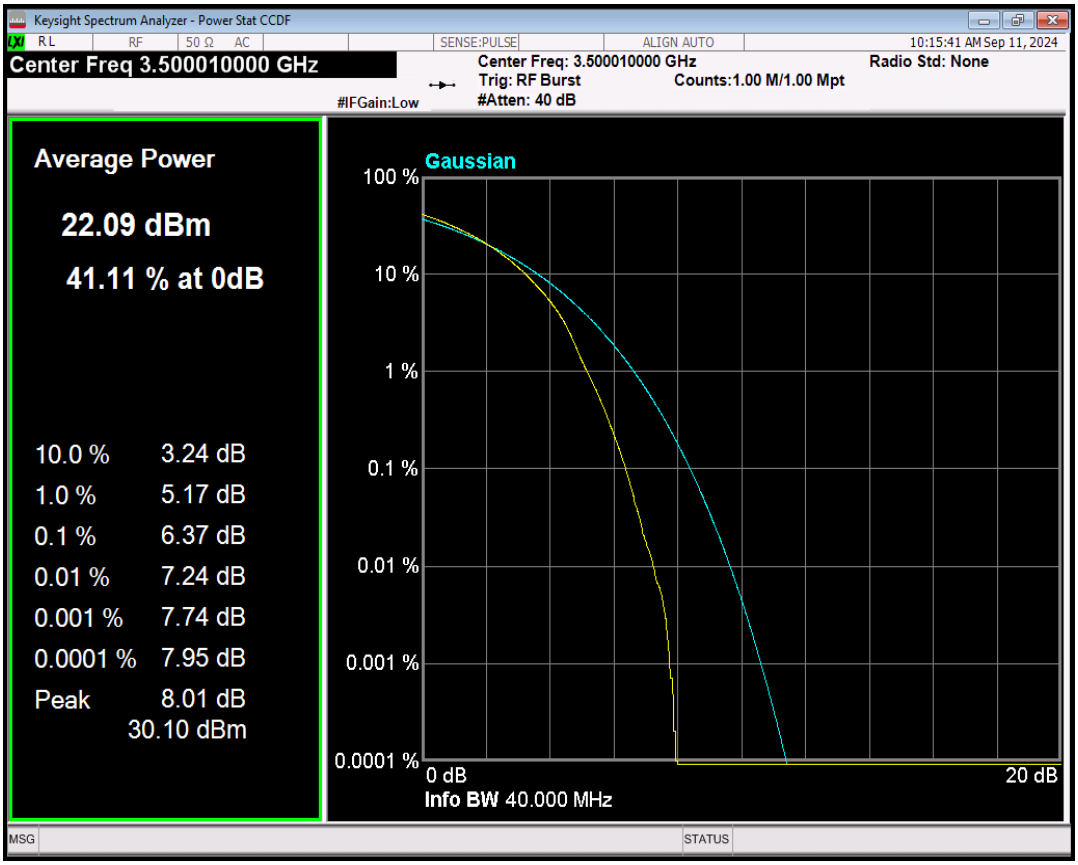
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



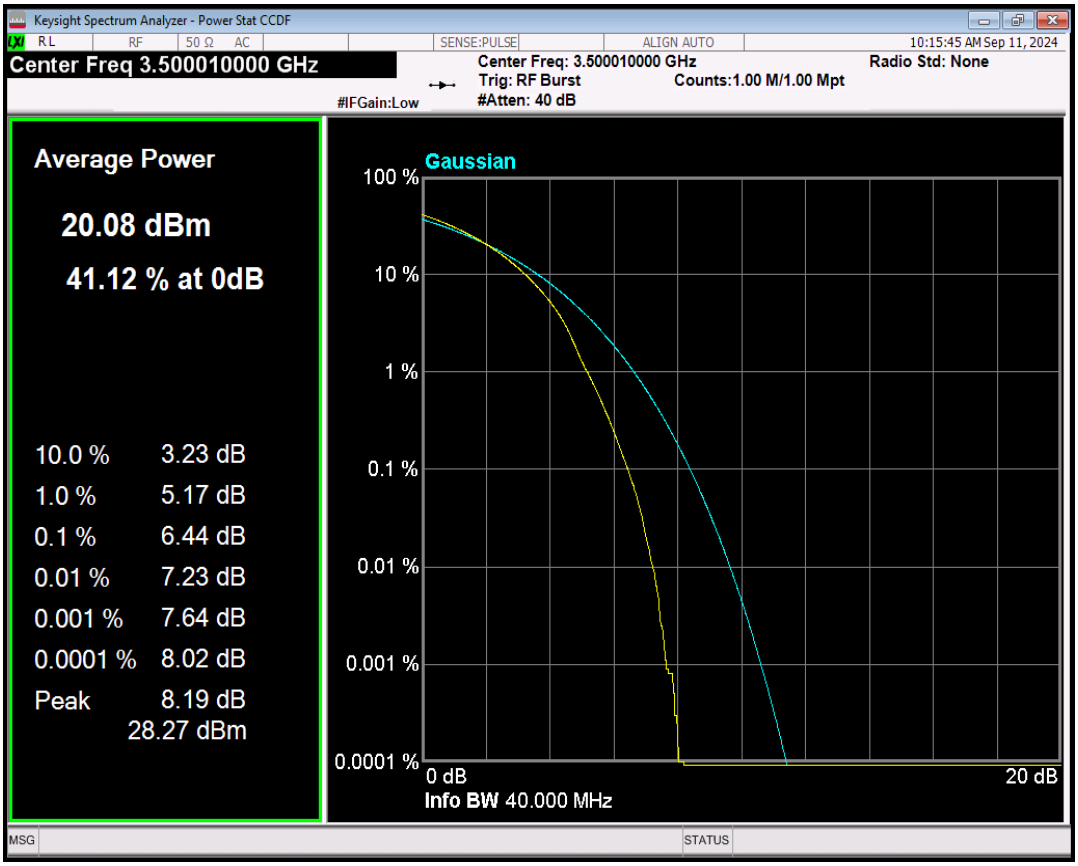
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



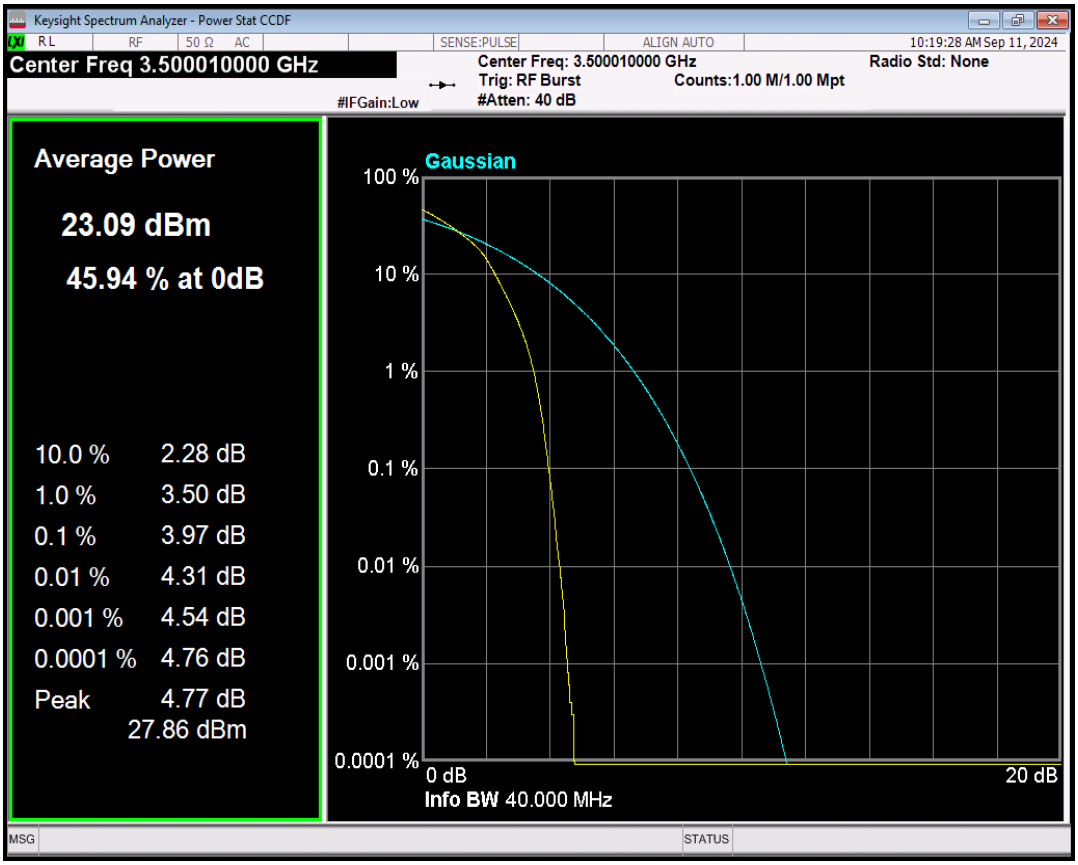
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



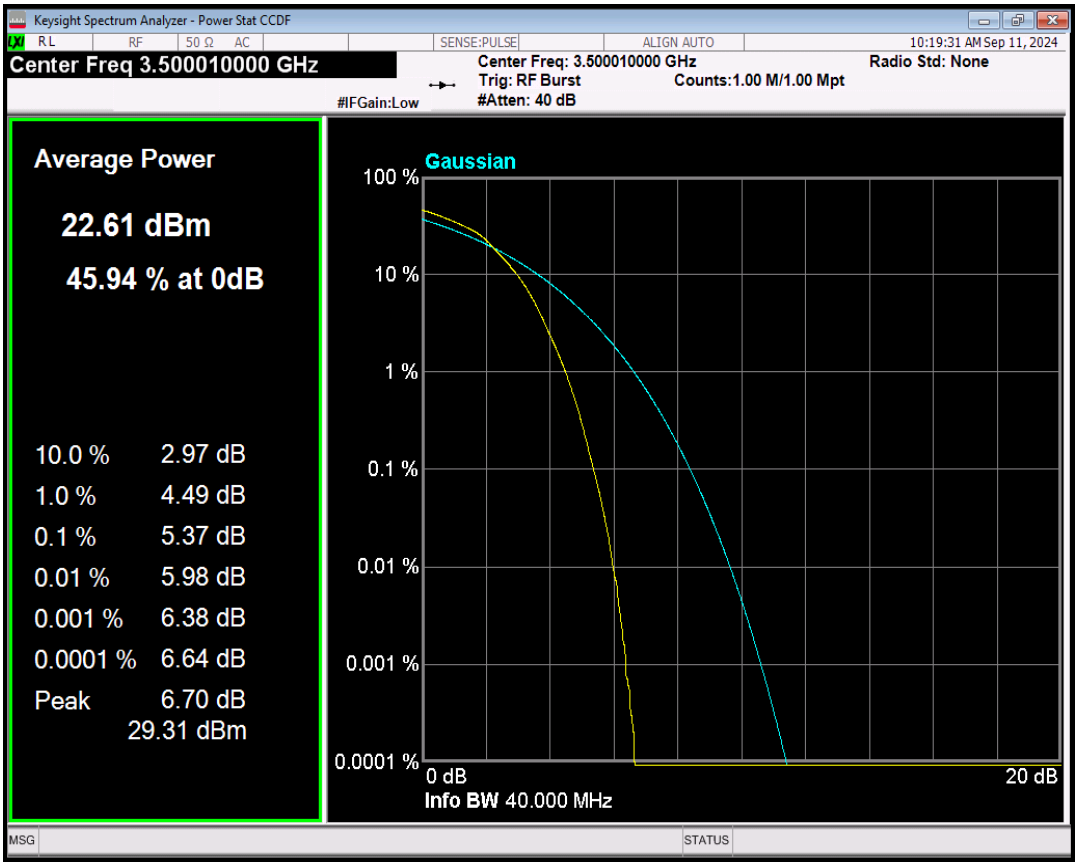
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



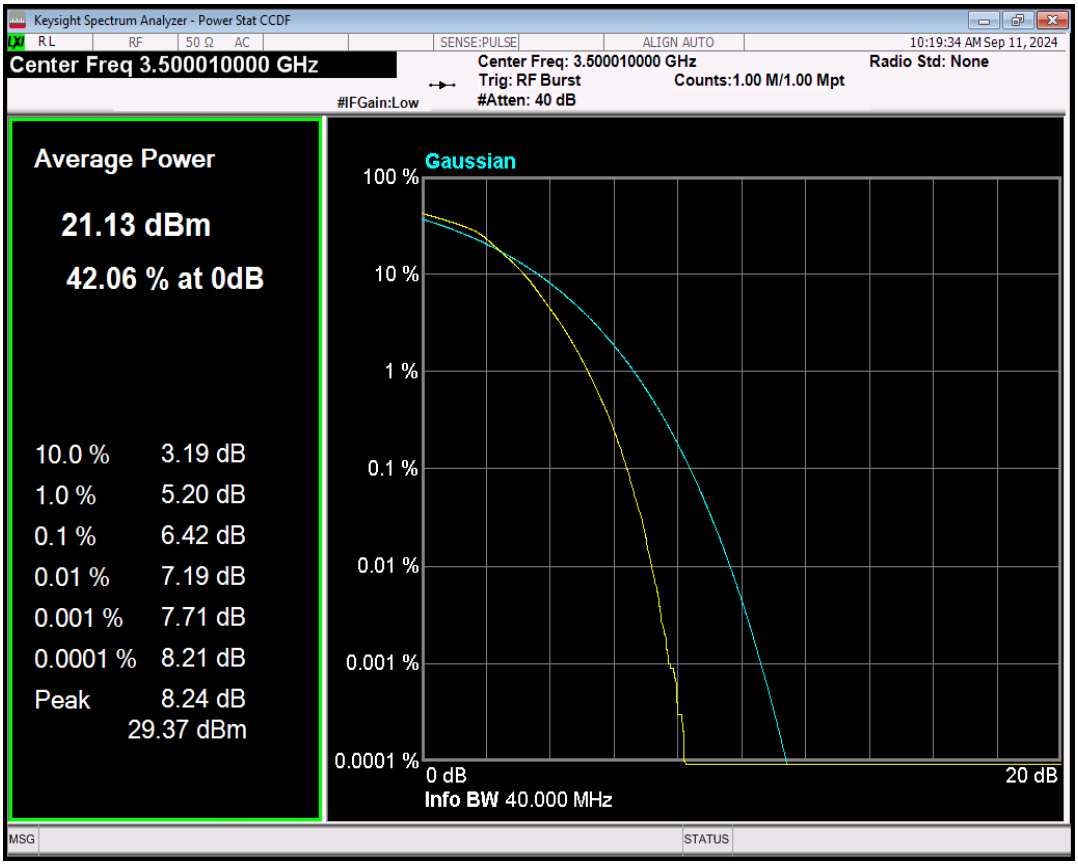
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



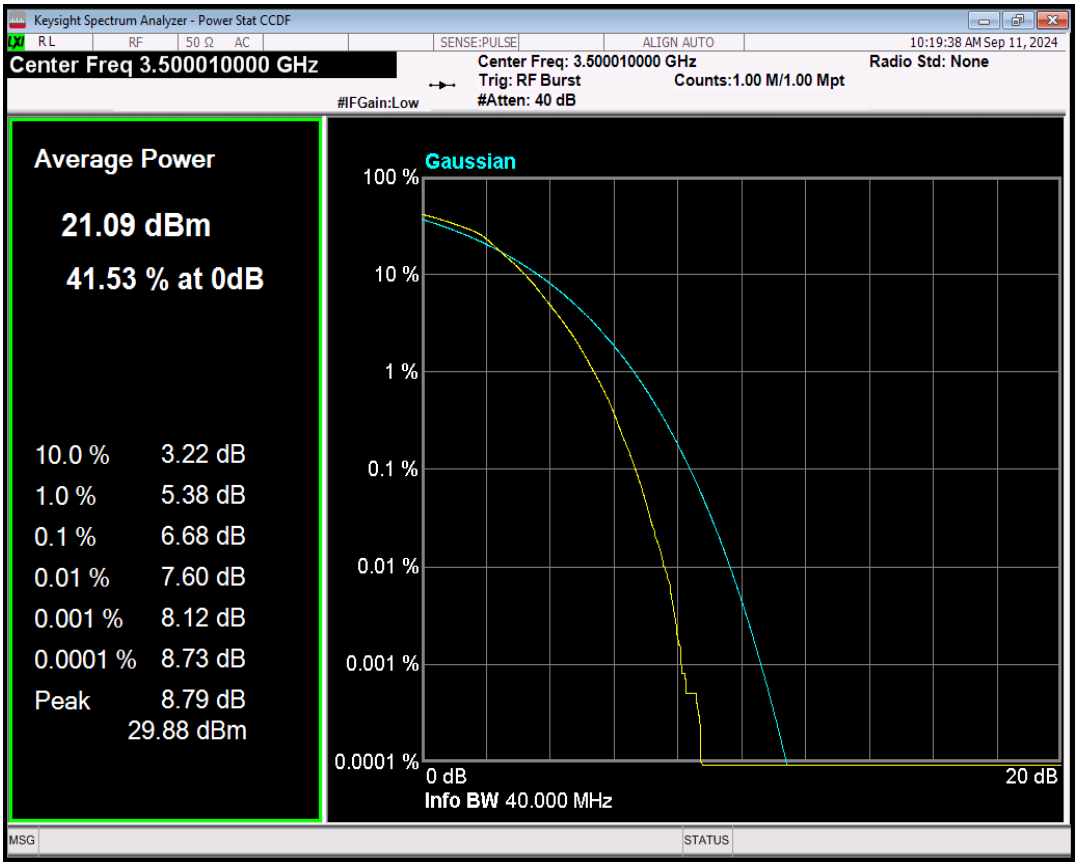
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



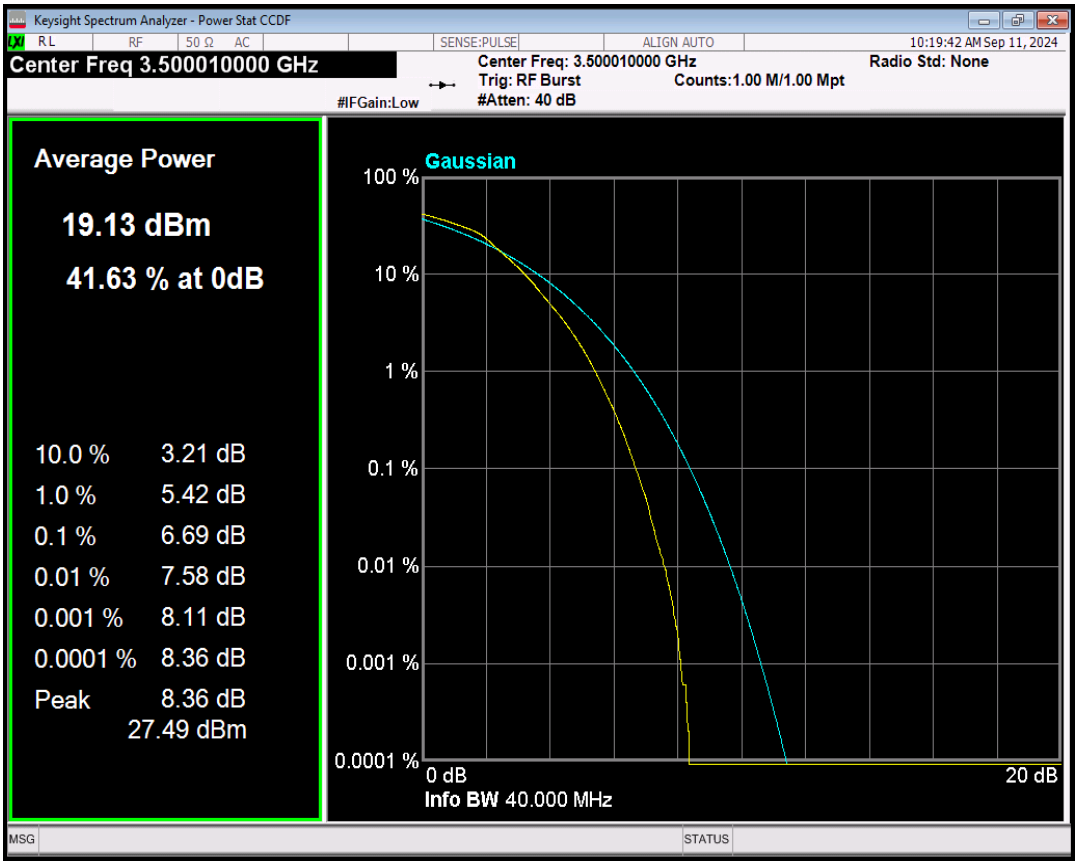
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



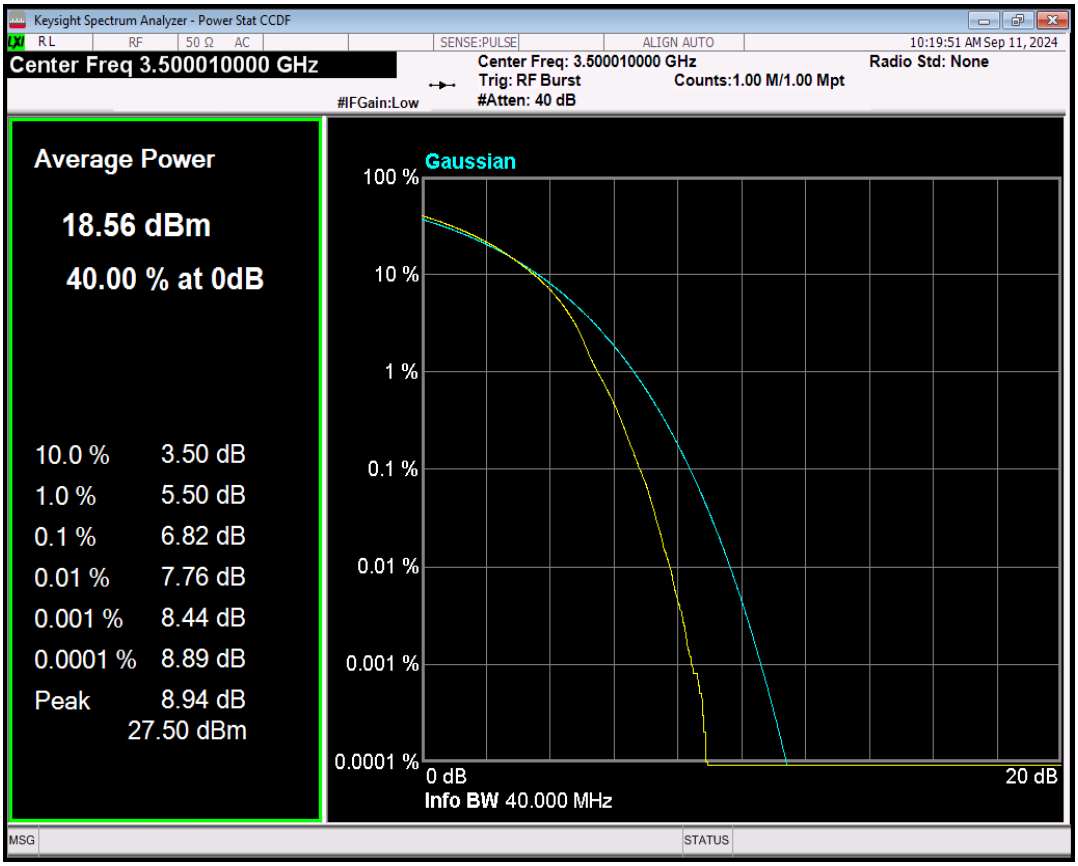
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



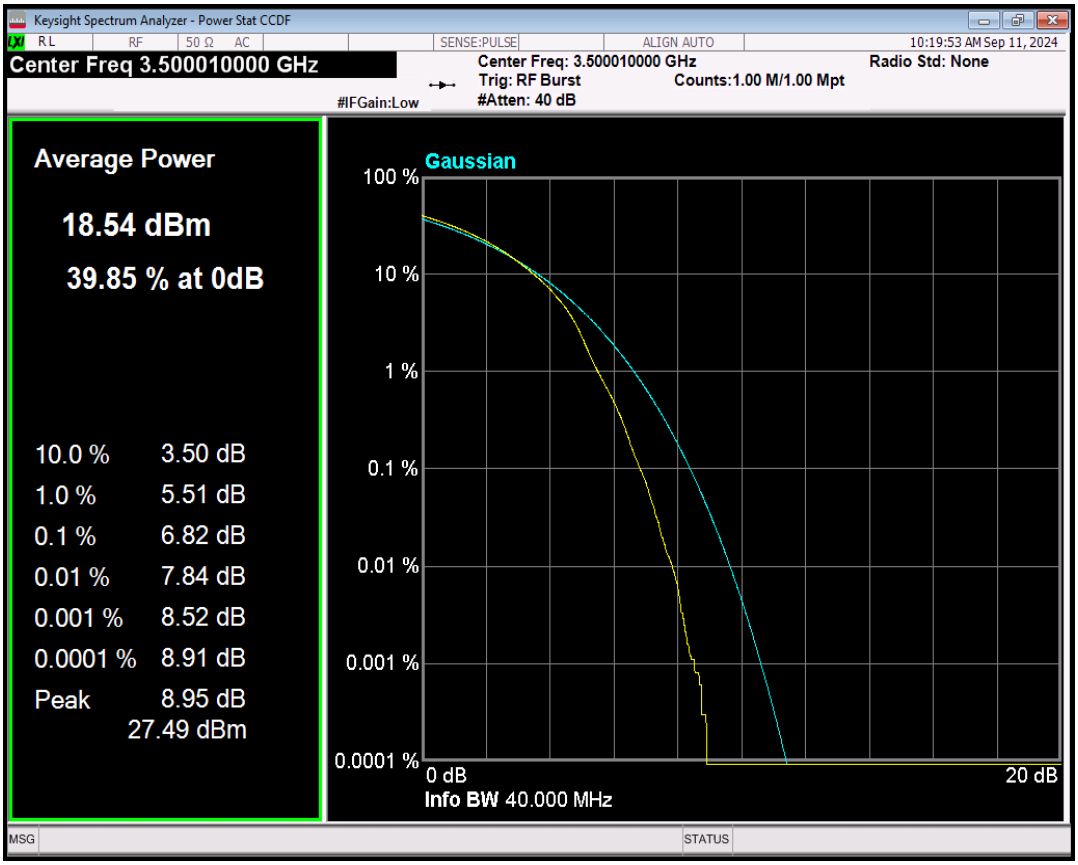
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



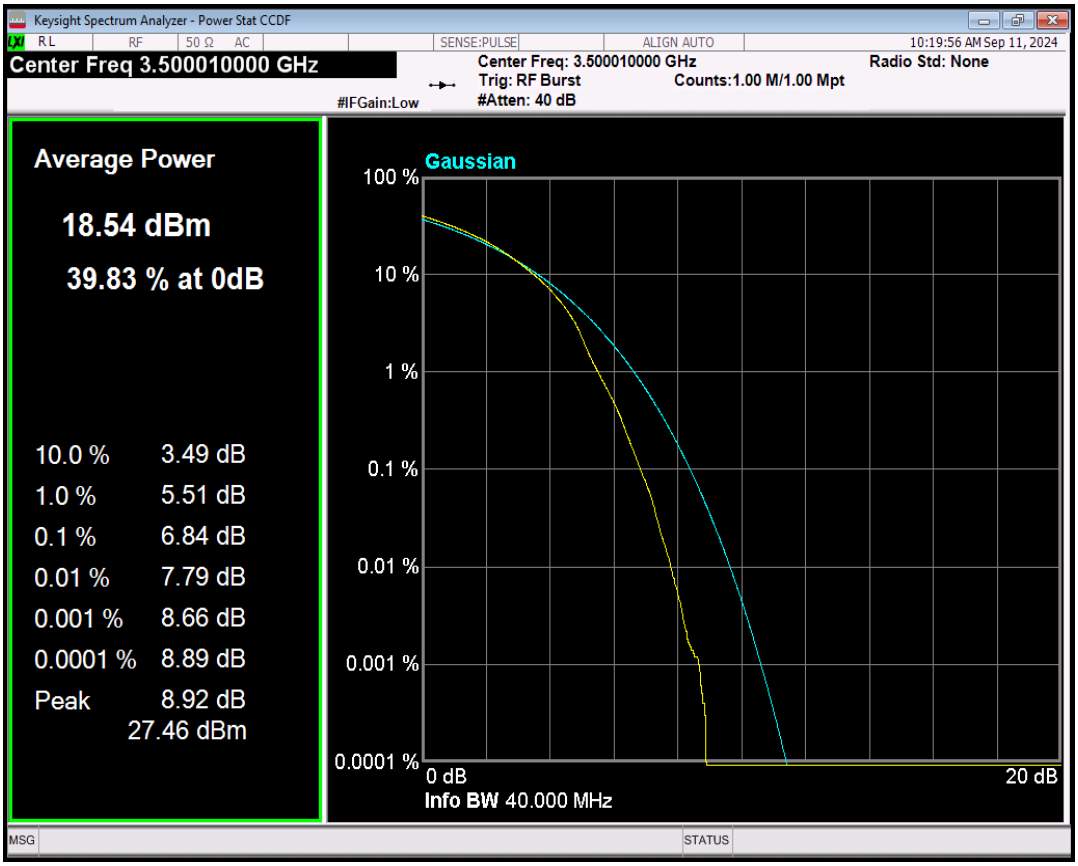
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=



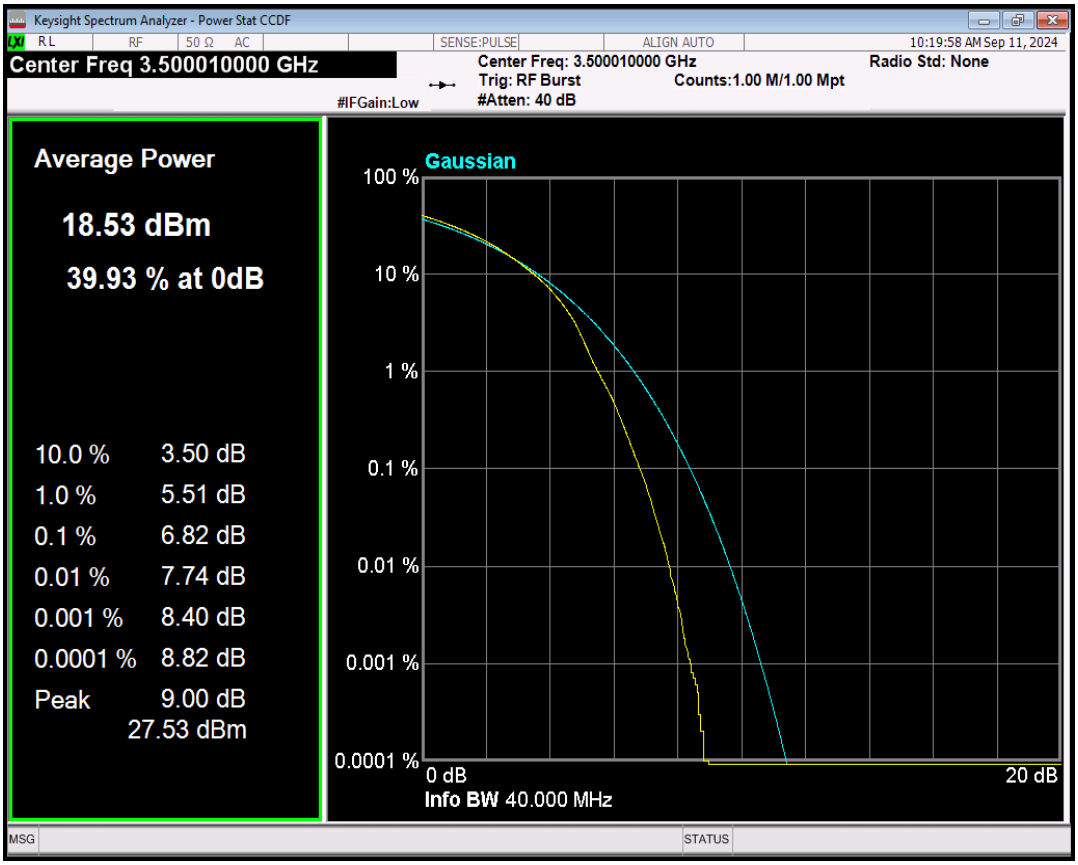
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=



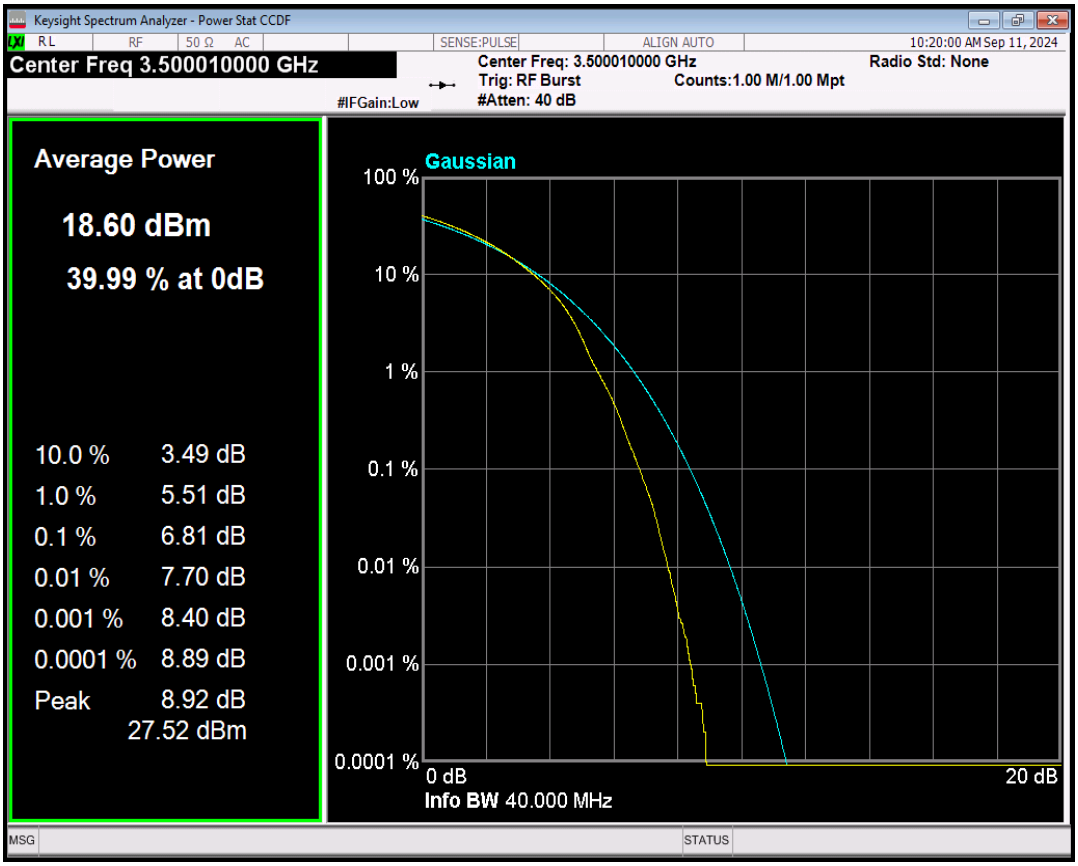
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=633334 RB=



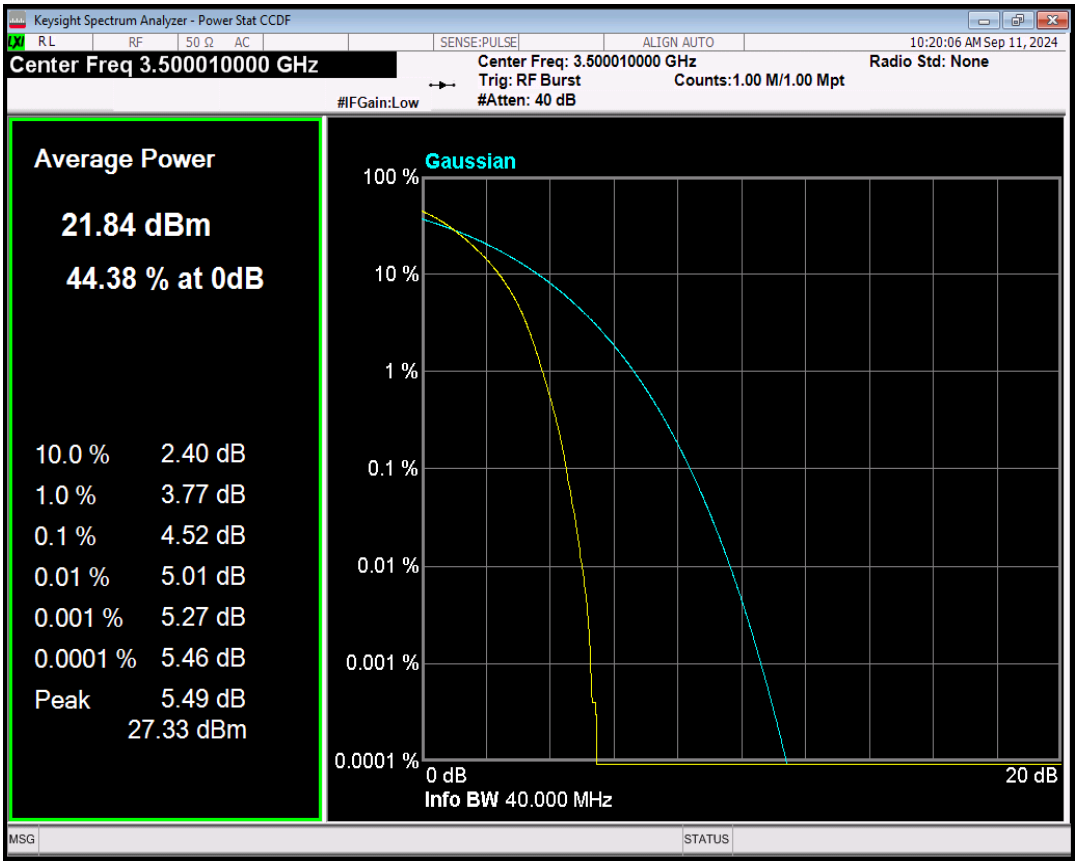
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=633334 RB=



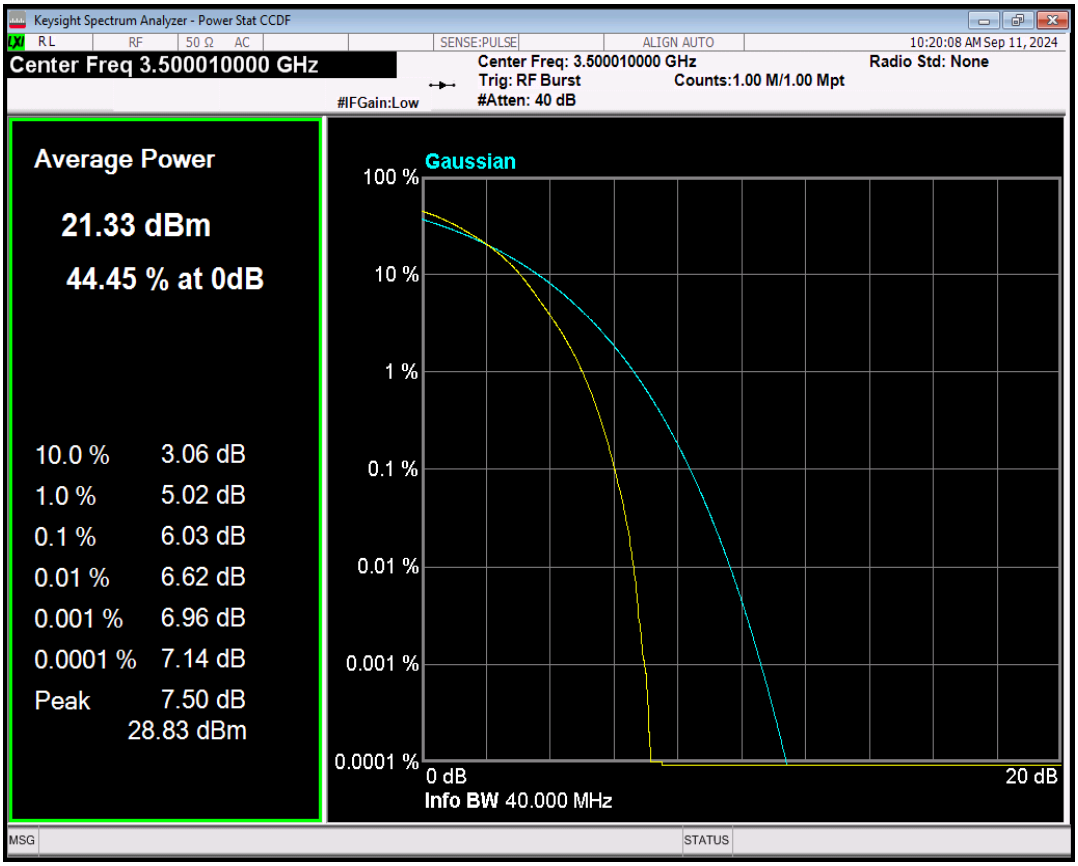
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=70MHz Channel=633334 RB=



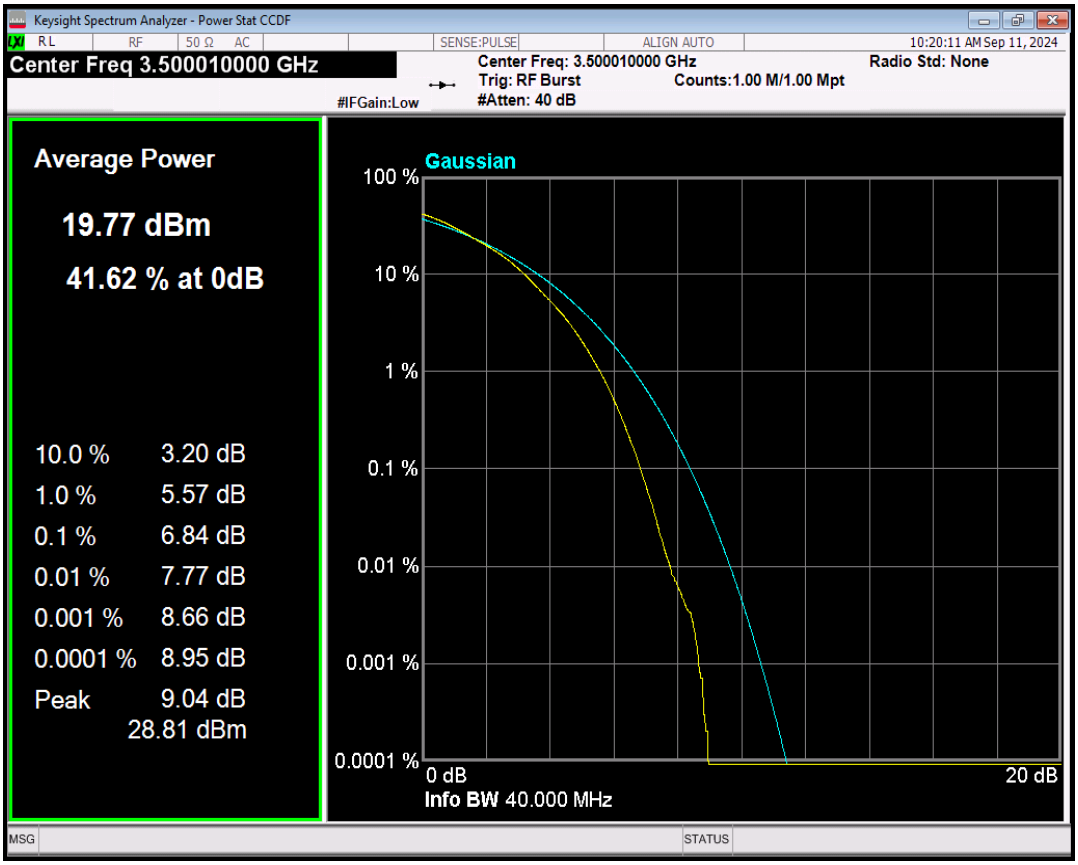
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



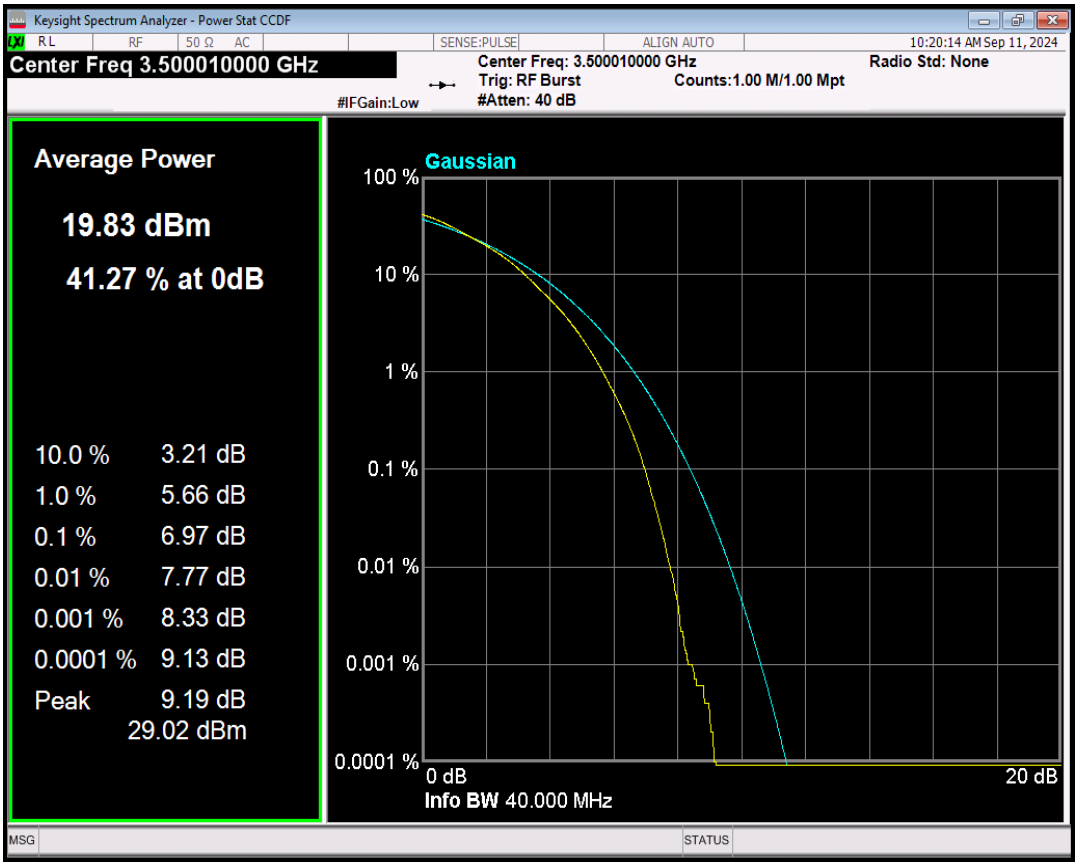
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



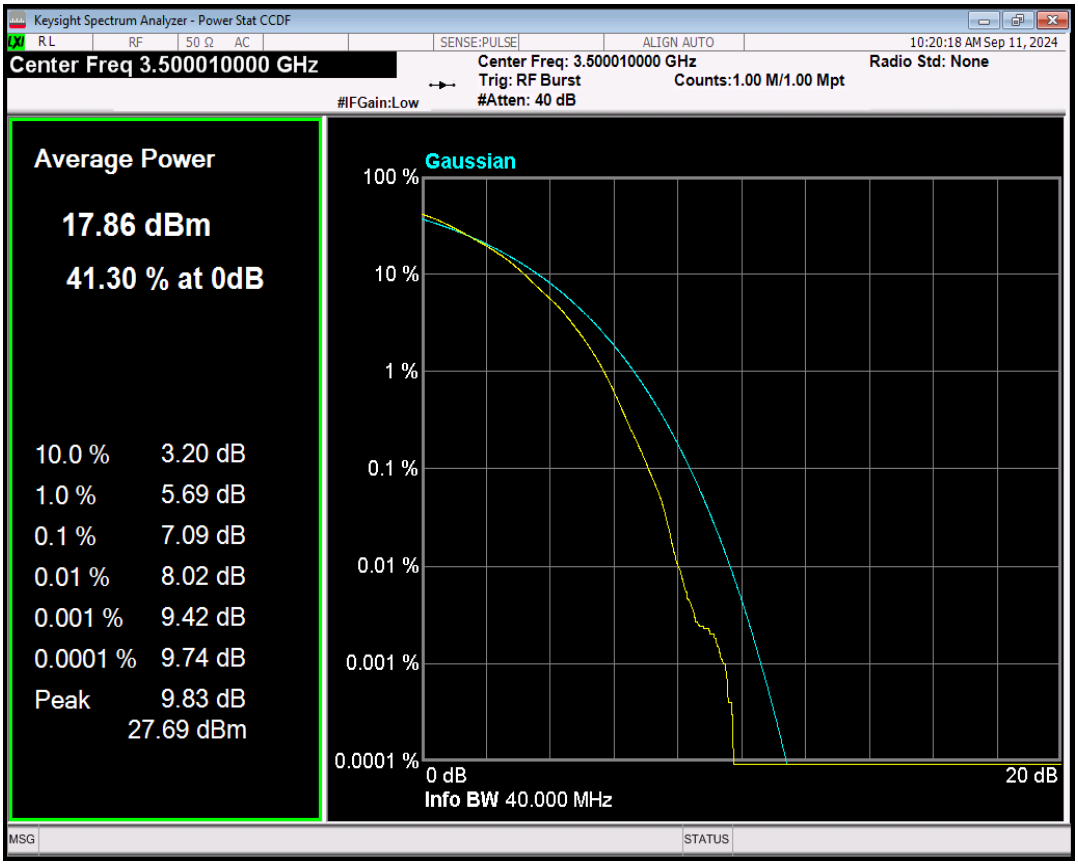
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



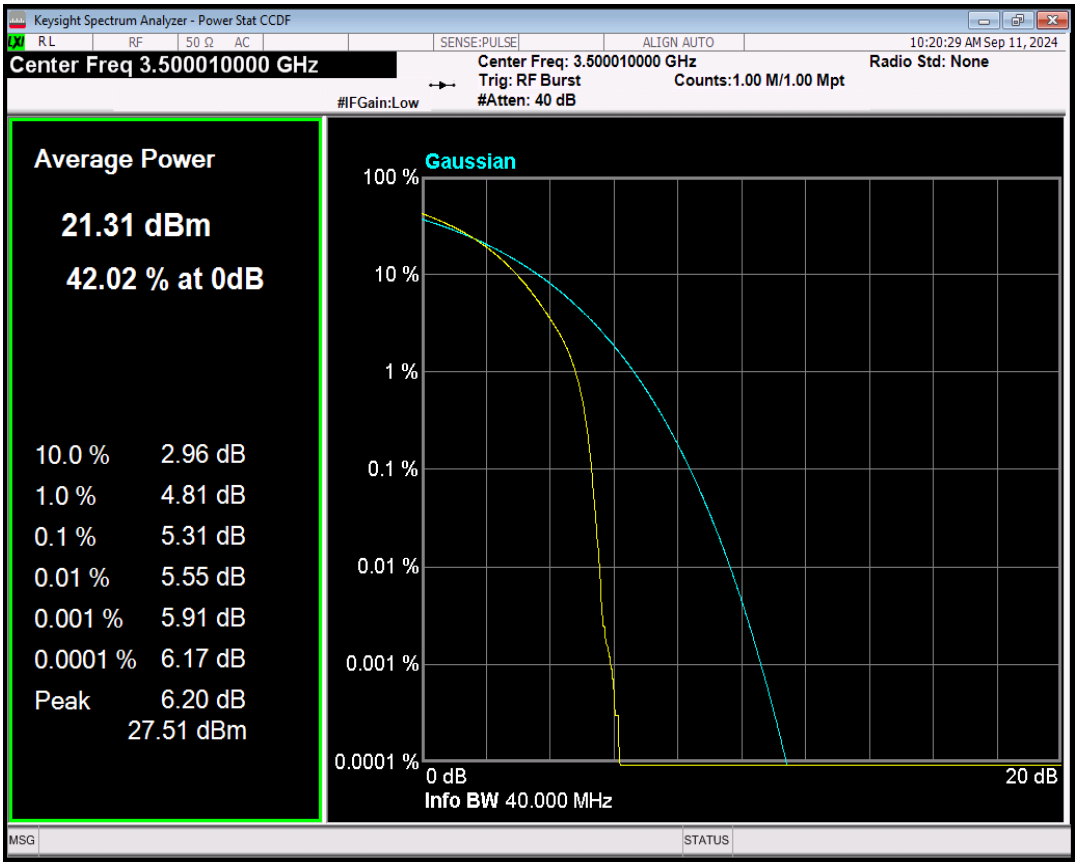
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



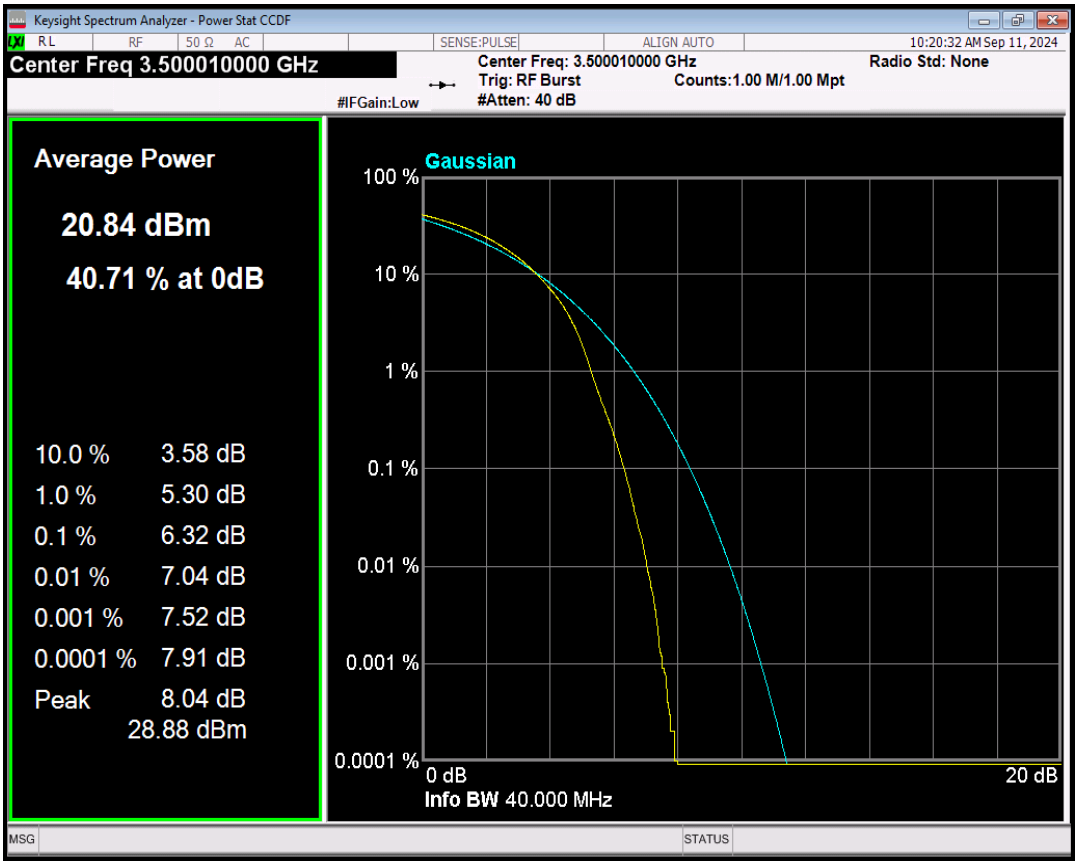
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



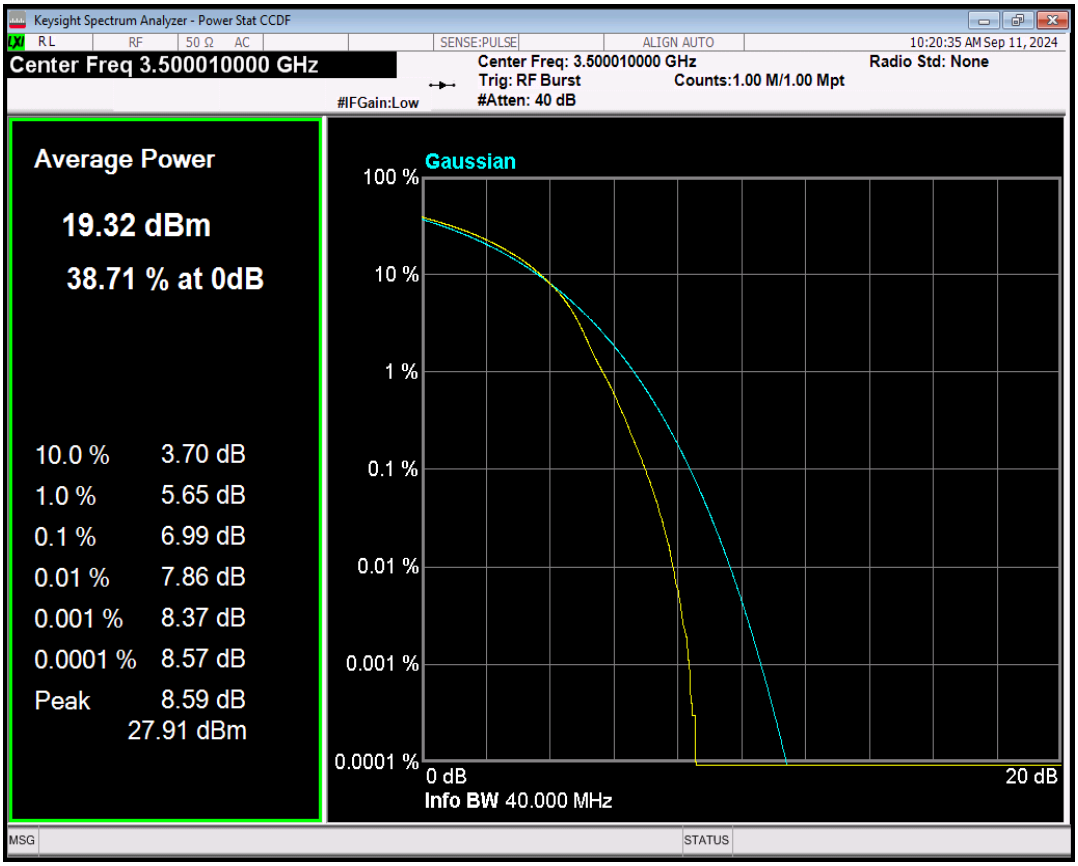
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



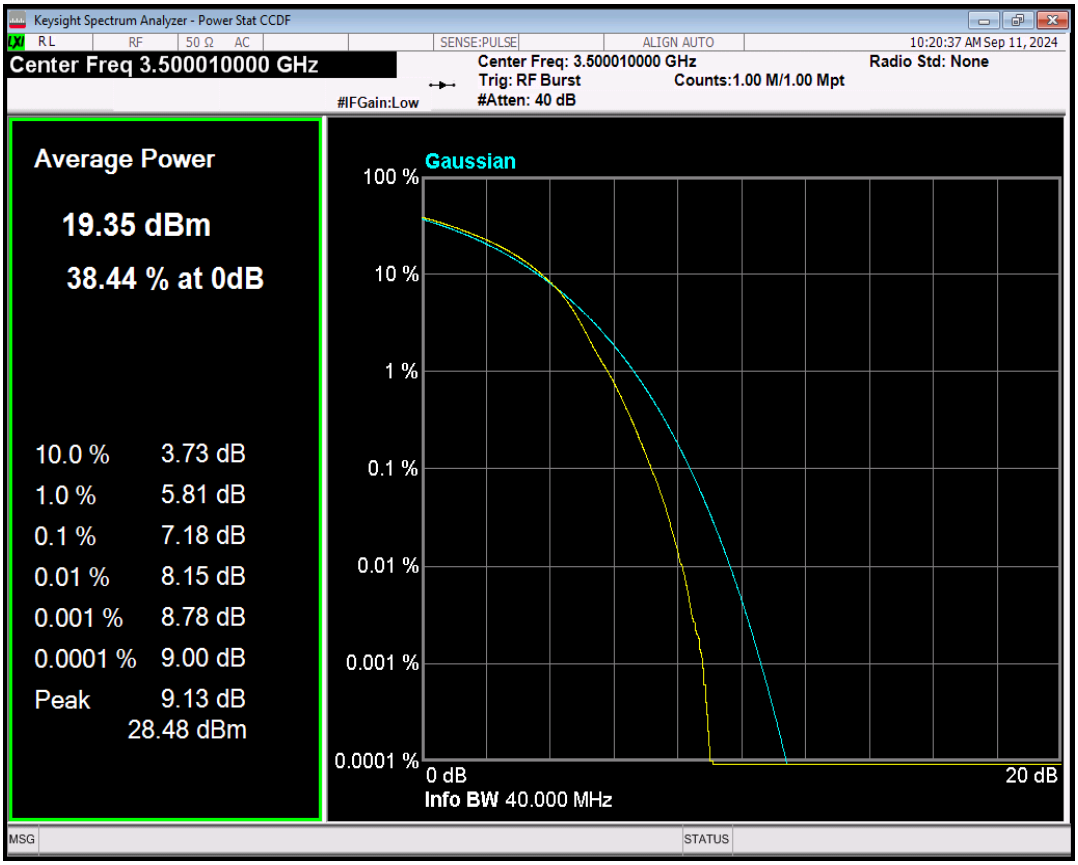
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



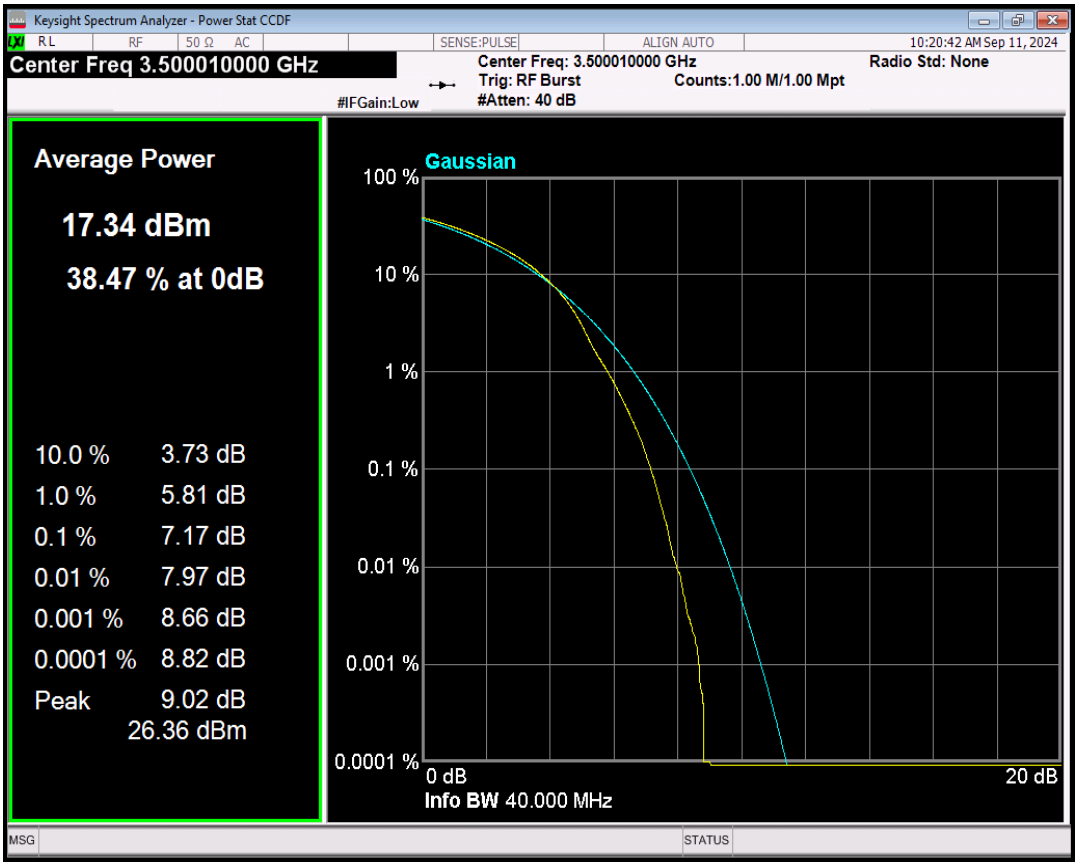
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



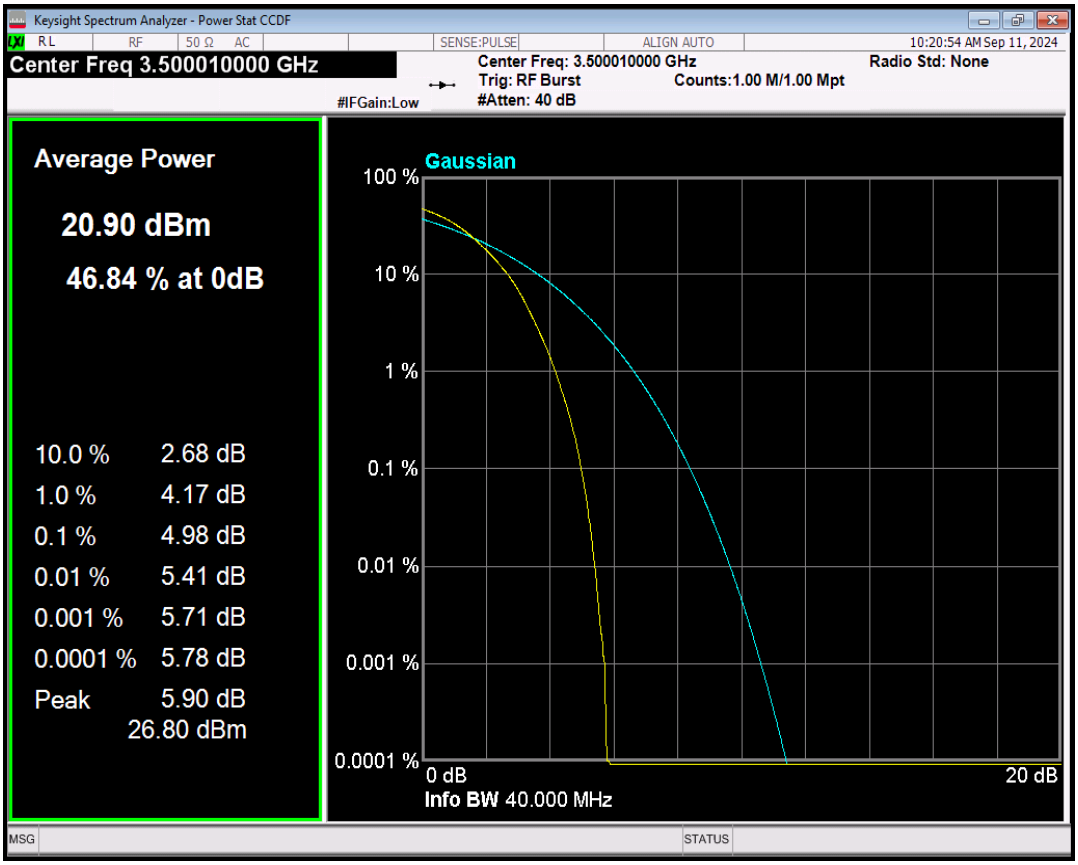
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



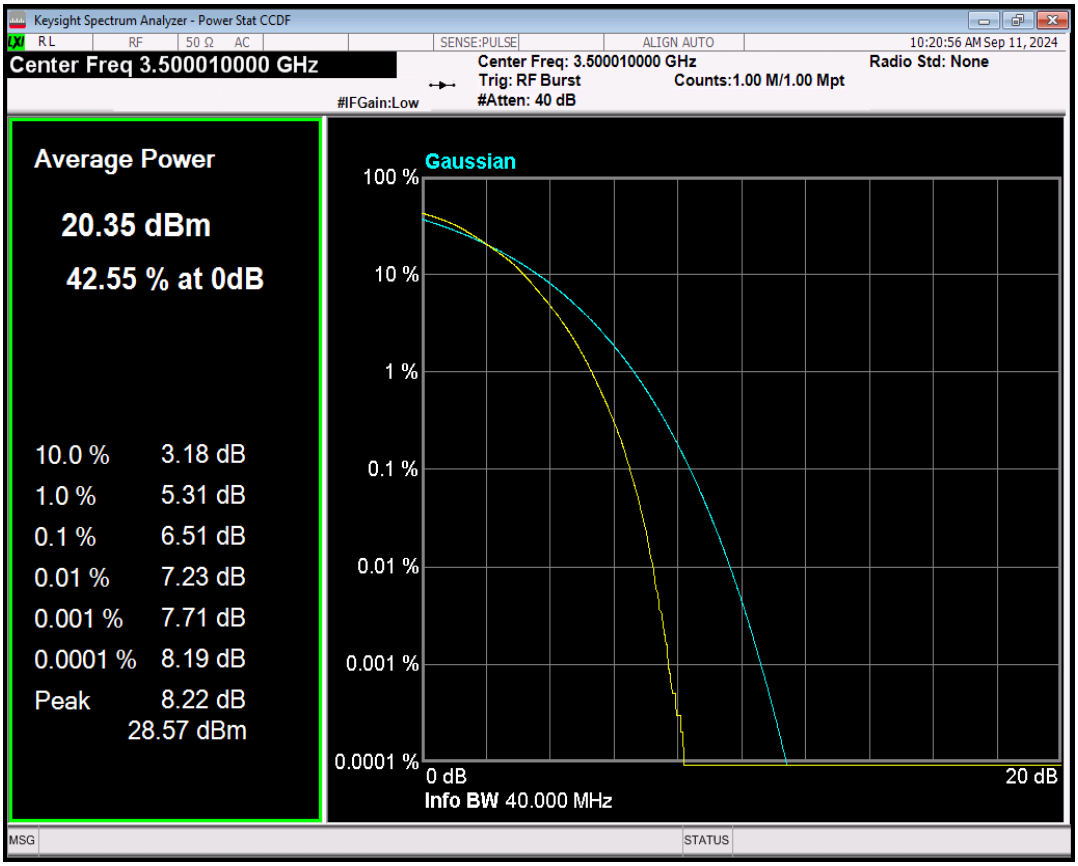
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



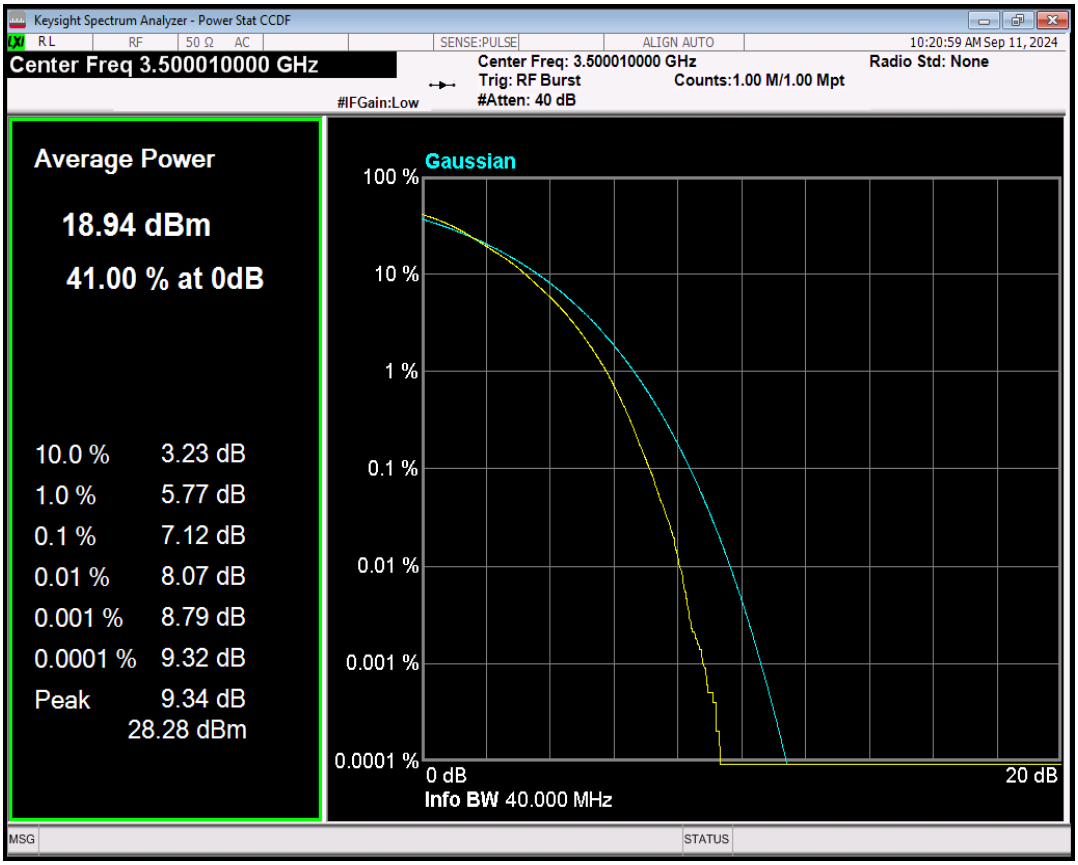
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



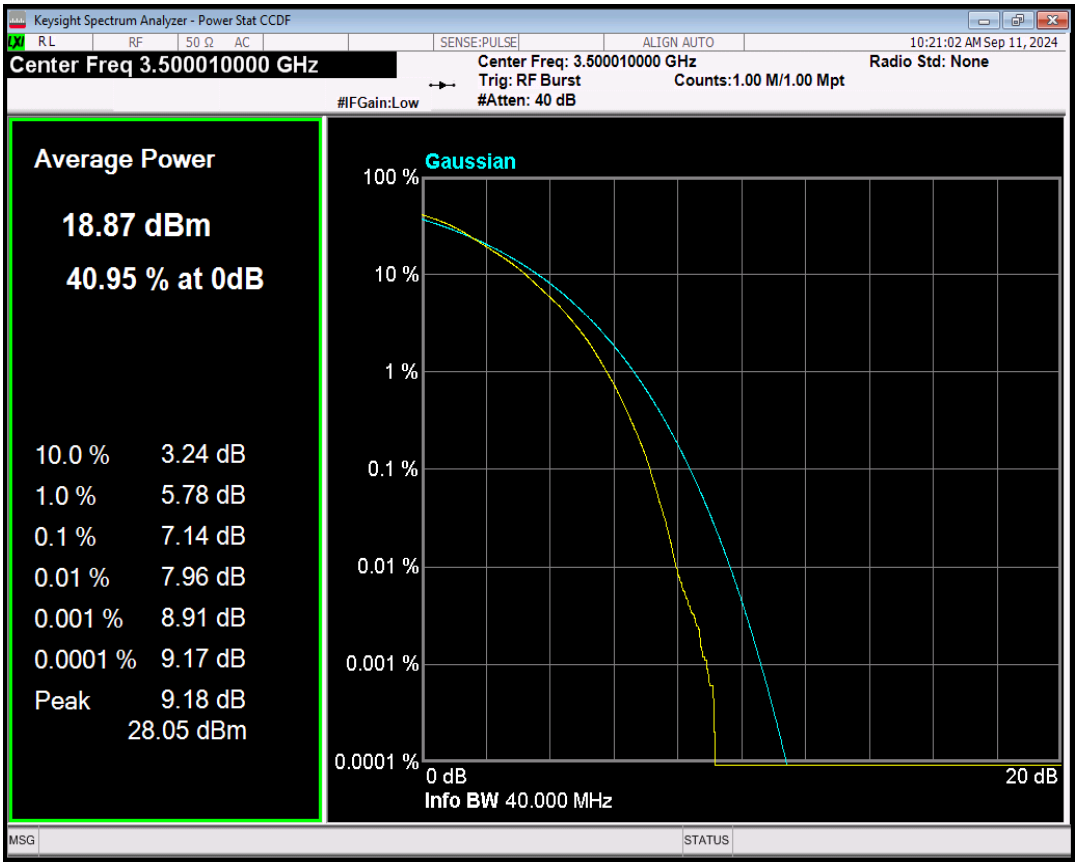
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



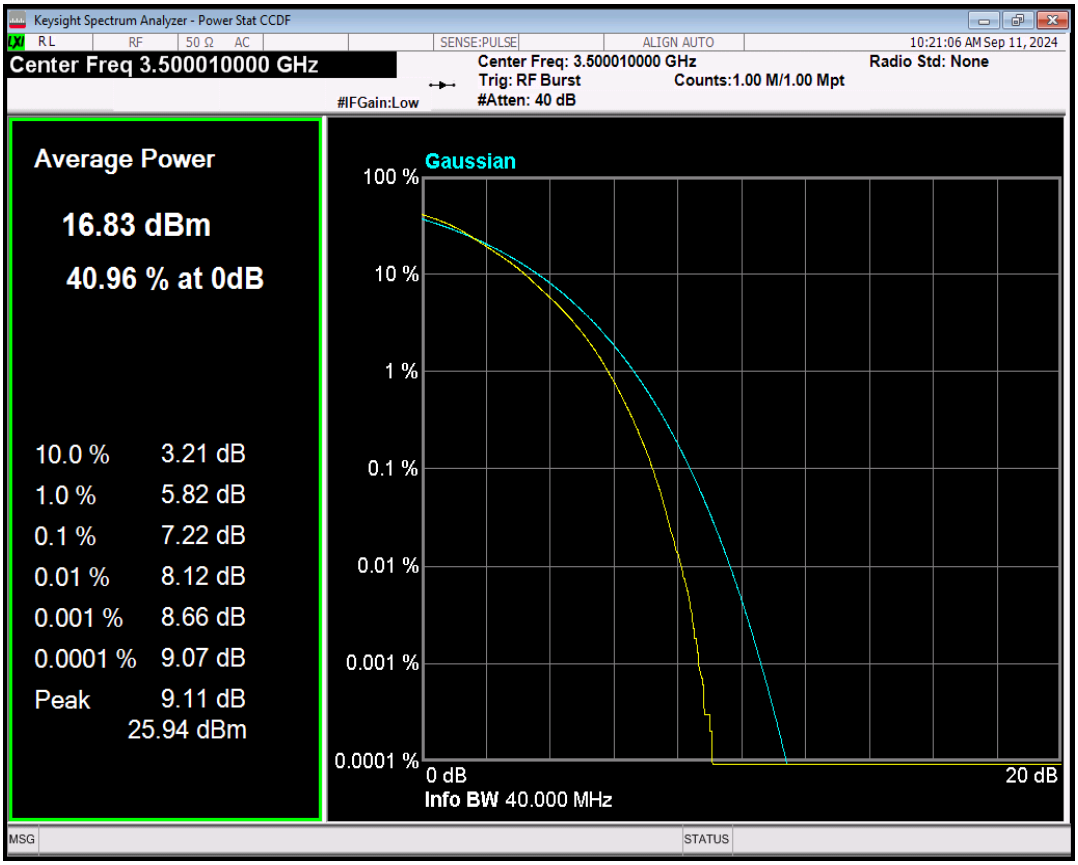
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 RB=270@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n12	15	5	141500	25@0	DFT_BPSK	4.492	5.211	PASS
n12	15	5	141500	25@0	DFT_QPSK	4.481	5.049	PASS
n12	15	5	141500	25@0	DFT_QAM16	4.513	5.230	PASS
n12	15	5	141500	25@0	DFT_QAM64	4.483	5.113	PASS
n12	15	5	141500	25@0	DFT_QAM256	4.490	5.119	PASS
n12	15	10	141500	50@0	DFT_BPSK	8.970	9.606	PASS
n12	15	10	141500	50@0	DFT_QPSK	8.987	9.840	PASS
n12	15	10	141500	50@0	DFT_QAM16	9.004	9.782	PASS
n12	15	10	141500	50@0	DFT_QAM64	8.983	9.813	PASS
n12	15	10	141500	50@0	DFT_QAM256	8.973	9.650	PASS
n12	15	15	141500	75@0	DFT_BPSK	13.473	14.461	PASS
n12	15	15	141500	75@0	DFT_QPSK	13.489	14.517	PASS
n12	15	15	141500	75@0	DFT_QAM16	13.496	14.510	PASS
n12	15	15	141500	75@0	DFT_QAM64	13.452	14.452	PASS
n12	15	15	141500	75@0	DFT_QAM256	13.478	14.451	PASS
n2	15	5	376000	25@0	DFT_BPSK	4.480	5.105	PASS
n2	15	5	376000	25@0	DFT_QPSK	4.486	5.088	PASS
n2	15	5	376000	25@0	DFT_QAM16	4.499	5.116	PASS
n2	15	5	376000	25@0	DFT_QAM64	4.494	5.119	PASS
n2	15	5	376000	25@0	DFT_QAM256	4.512	5.237	PASS
n2	15	10	376000	50@0	DFT_BPSK	8.999	9.799	PASS
n2	15	10	376000	50@0	DFT_QPSK	8.991	9.881	PASS
n2	15	10	376000	50@0	DFT_QAM16	9.003	9.815	PASS
n2	15	10	376000	50@0	DFT_QAM64	8.998	9.805	PASS
n2	15	10	376000	50@0	DFT_QAM256	8.985	9.735	PASS
n2	15	15	376000	75@0	DFT_BPSK	13.500	14.421	PASS
n2	15	15	376000	75@0	DFT_QPSK	13.478	14.501	PASS
n2	15	15	376000	75@0	DFT_QAM16	13.510	14.600	PASS
n2	15	15	376000	75@0	DFT_QAM64	13.474	14.509	PASS
n2	15	15	376000	75@0	DFT_QAM256	13.514	14.398	PASS
n2	15	20	376000	100@0	DFT_BPSK	17.922	19.211	PASS
n2	15	20	376000	100@0	DFT_QPSK	17.946	19.118	PASS
n2	15	20	376000	100@0	DFT_QAM16	17.940	19.033	PASS
n2	15	20	376000	100@0	DFT_QAM64	17.972	19.070	PASS
n2	15	20	376000	100@0	DFT_QAM256	17.966	18.999	PASS
n25	15	5	376500	25@0	DFT_BPSK	4.510	5.178	PASS
n25	15	5	376500	25@0	DFT_QPSK	4.483	5.063	PASS
n25	15	5	376500	25@0	DFT_QAM16	4.500	5.187	PASS
n25	15	5	376500	25@0	DFT_QAM64	4.490	5.152	PASS
n25	15	5	376500	25@0	DFT_QAM256	4.481	5.049	PASS
n25	15	10	376500	50@0	DFT_BPSK	8.980	9.729	PASS

n25	15	10	376500	50@0	DFT_QPSK	8.992	9.786	PASS
n25	15	10	376500	50@0	DFT_QAM16	9.018	9.837	PASS
n25	15	10	376500	50@0	DFT_QAM64	9.004	9.751	PASS
n25	15	10	376500	50@0	DFT_QAM256	8.989	9.734	PASS
n25	15	15	376500	75@0	DFT_BPSK	13.481	14.443	PASS
n25	15	15	376500	75@0	DFT_QPSK	13.493	14.614	PASS
n25	15	15	376500	75@0	DFT_QAM16	13.526	14.460	PASS
n25	15	15	376500	75@0	DFT_QAM64	13.475	14.473	PASS
n25	15	15	376500	75@0	DFT_QAM256	13.466	14.584	PASS
n25	15	20	376500	100@0	DFT_BPSK	17.967	19.177	PASS
n25	15	20	376500	100@0	DFT_QPSK	17.954	19.215	PASS
n25	15	20	376500	100@0	DFT_QAM16	17.965	19.191	PASS
n25	15	20	376500	100@0	DFT_QAM64	17.970	19.207	PASS
n25	15	20	376500	100@0	DFT_QAM256	17.955	19.121	PASS
n41	30	10	518598	24@0	DFT_BPSK	8.606	10.039	PASS
n41	30	10	518598	24@0	DFT_QPSK	8.623	9.806	PASS
n41	30	10	518598	24@0	DFT_QAM16	8.626	10.027	PASS
n41	30	10	518598	24@0	DFT_QAM64	8.580	10.064	PASS
n41	30	10	518598	24@0	DFT_QAM256	8.669	10.058	PASS
n41	30	15	518598	36@0	DFT_BPSK	12.951	14.278	PASS
n41	30	15	518598	36@0	DFT_QPSK	12.944	14.481	PASS
n41	30	15	518598	36@0	DFT_QAM16	12.956	14.236	PASS
n41	30	15	518598	36@0	DFT_QAM64	12.943	14.158	PASS
n41	30	15	518598	36@0	DFT_QAM256	12.925	14.305	PASS
n41	30	20	518598	50@0	DFT_BPSK	17.976	19.552	PASS
n41	30	20	518598	50@0	DFT_QPSK	17.951	19.517	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.030	19.495	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.005	19.609	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.960	19.752	PASS
n41	30	30	518598	75@0	DFT_BPSK	26.929	28.846	PASS
n41	30	30	518598	75@0	DFT_QPSK	26.975	28.615	PASS
n41	30	30	518598	75@0	DFT_QAM16	26.946	29.017	PASS
n41	30	30	518598	75@0	DFT_QAM64	26.995	28.930	PASS
n41	30	30	518598	75@0	DFT_QAM256	26.978	28.614	PASS
n41	30	40	518598	100@0	DFT_BPSK	35.861	37.823	PASS
n41	30	40	518598	100@0	DFT_QPSK	35.919	38.426	PASS
n41	30	40	518598	100@0	DFT_QAM16	35.790	37.824	PASS
n41	30	40	518598	100@0	DFT_QAM64	35.880	38.032	PASS
n41	30	40	518598	100@0	DFT_QAM256	35.817	37.973	PASS
n41	30	50	518598	128@0	DFT_BPSK	45.807	48.254	PASS
n41	30	50	518598	128@0	DFT_QPSK	45.892	48.539	PASS
n41	30	50	518598	128@0	DFT_QAM16	45.853	48.346	PASS
n41	30	50	518598	128@0	DFT_QAM64	45.850	48.581	PASS
n41	30	50	518598	128@0	DFT_QAM256	45.712	48.335	PASS

n41	30	60	518598	162@0	DFT_BPSK	58.044	60.886	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.921	60.994	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.906	60.961	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.887	61.014	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.922	60.883	PASS
n41	30	70	518598		DFT_BPSK	64.299	68.003	PASS
n41	30	70	518598		DFT_QPSK	64.308	67.934	PASS
n41	30	70	518598		DFT_QAM16	64.347	68.055	PASS
n41	30	70	518598		DFT_QAM64	64.266	68.016	PASS
n41	30	70	518598		DFT_QAM256	64.418	68.025	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.071	81.283	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.530	81.174	PASS
n41	30	80	518598	216@0	DFT_QAM16	77.341	81.306	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.274	80.888	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.042	81.038	PASS
n41	30	90	518598	240@0	DFT_BPSK	85.713	90.003	PASS
n41	30	90	518598	240@0	DFT_QPSK	85.710	90.487	PASS
n41	30	90	518598	240@0	DFT_QAM16	85.612	90.223	PASS
n41	30	90	518598	240@0	DFT_QAM64	85.926	90.458	PASS
n41	30	90	518598	240@0	DFT_QAM256	85.467	90.304	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.690	101.579	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.450	101.517	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.739	101.516	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.412	101.441	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.566	101.571	PASS
n5	15	5	167300	25@0	DFT_BPSK	4.479	5.077	PASS
n5	15	5	167300	25@0	DFT_QPSK	4.474	5.044	PASS
n5	15	5	167300	25@0	DFT_QAM16	4.503	5.131	PASS
n5	15	5	167300	25@0	DFT_QAM64	4.491	5.073	PASS
n5	15	5	167300	25@0	DFT_QAM256	4.509	5.169	PASS
n5	15	10	167300	50@0	DFT_BPSK	8.988	9.707	PASS
n5	15	10	167300	50@0	DFT_QPSK	8.994	9.886	PASS
n5	15	10	167300	50@0	DFT_QAM16	9.005	9.756	PASS
n5	15	10	167300	50@0	DFT_QAM64	9.001	9.710	PASS
n5	15	10	167300	50@0	DFT_QAM256	8.983	9.802	PASS
n5	15	15	167300	75@0	DFT_BPSK	13.486	14.362	PASS
n5	15	15	167300	75@0	DFT_QPSK	13.497	14.460	PASS
n5	15	15	167300	75@0	DFT_QAM16	13.520	14.562	PASS
n5	15	15	167300	75@0	DFT_QAM64	13.477	14.535	PASS
n5	15	15	167300	75@0	DFT_QAM256	13.500	14.429	PASS
n5	15	20	167300	100@0	DFT_BPSK	17.951	19.037	PASS
n5	15	20	167300	100@0	DFT_QPSK	17.972	19.121	PASS
n5	15	20	167300	100@0	DFT_QAM16	17.945	18.998	PASS
n5	15	20	167300	100@0	DFT_QAM64	17.958	19.212	PASS

n5	15	20	167300	100@0	DFT_QAM256	17.946	19.071	PASS
n66	15	5	349000	25@0	DFT_BPSK	4.486	5.141	PASS
n66	15	5	349000	25@0	DFT_QPSK	4.490	5.117	PASS
n66	15	5	349000	25@0	DFT_QAM16	4.508	5.219	PASS
n66	15	5	349000	25@0	DFT_QAM64	4.495	5.125	PASS
n66	15	5	349000	25@0	DFT_QAM256	4.491	5.088	PASS
n66	15	10	349000	50@0	DFT_BPSK	8.975	9.767	PASS
n66	15	10	349000	50@0	DFT_QPSK	8.988	9.777	PASS
n66	15	10	349000	50@0	DFT_QAM16	9.014	9.786	PASS
n66	15	10	349000	50@0	DFT_QAM64	8.988	9.753	PASS
n66	15	10	349000	50@0	DFT_QAM256	8.984	9.699	PASS
n66	15	15	349000	75@0	DFT_BPSK	13.451	14.510	PASS
n66	15	15	349000	75@0	DFT_QPSK	13.466	14.459	PASS
n66	15	15	349000	75@0	DFT_QAM16	13.511	14.465	PASS
n66	15	15	349000	75@0	DFT_QAM64	13.453	14.470	PASS
n66	15	15	349000	75@0	DFT_QAM256	13.466	14.448	PASS
n66	15	20	349000	100@0	DFT_BPSK	17.900	19.067	PASS
n66	15	20	349000	100@0	DFT_QPSK	17.897	19.186	PASS
n66	15	20	349000	100@0	DFT_QAM16	17.907	19.193	PASS
n66	15	20	349000	100@0	DFT_QAM64	17.894	19.120	PASS
n66	15	20	349000	100@0	DFT_QAM256	17.910	19.035	PASS
n66	15	25	349000	128@0	DFT_BPSK	22.871	24.368	PASS
n66	15	25	349000	128@0	DFT_QPSK	22.980	24.173	PASS
n66	15	25	349000	128@0	DFT_QAM16	22.931	24.175	PASS
n66	15	25	349000	128@0	DFT_QAM64	22.794	24.155	PASS
n66	15	25	349000	128@0	DFT_QAM256	22.869	24.263	PASS
n66	15	30	349000	160@0	DFT_BPSK	28.556	30.056	PASS
n66	15	30	349000	160@0	DFT_QPSK	28.539	30.104	PASS
n66	15	30	349000	160@0	DFT_QAM16	28.537	30.128	PASS
n66	15	30	349000	160@0	DFT_QAM64	28.527	30.153	PASS
n66	15	30	349000	160@0	DFT_QAM256	28.540	30.215	PASS
n66	15	40	349000	216@0	DFT_BPSK	38.391	40.605	PASS
n66	15	40	349000	216@0	DFT_QPSK	38.617	40.663	PASS
n66	15	40	349000	216@0	DFT_QAM16	38.501	40.706	PASS
n66	15	40	349000	216@0	DFT_QAM64	38.521	40.588	PASS
n66	15	40	349000	216@0	DFT_QAM256	38.445	40.625	PASS
n7	15	5	507000	25@0	DFT_BPSK	4.476	5.084	PASS
n7	15	5	507000	25@0	DFT_QPSK	4.484	5.113	PASS
n7	15	5	507000	25@0	DFT_QAM16	4.490	5.017	PASS
n7	15	5	507000	25@0	DFT_QAM64	4.489	5.112	PASS
n7	15	5	507000	25@0	DFT_QAM256	4.516	5.196	PASS
n7	15	10	507000	50@0	DFT_BPSK	9.002	9.803	PASS
n7	15	10	507000	50@0	DFT_QPSK	9.000	9.855	PASS
n7	15	10	507000	50@0	DFT_QAM16	9.000	9.905	PASS

n7	15	10	507000	50@0	DFT_QAM64	9.006	9.802	PASS
n7	15	10	507000	50@0	DFT_QAM256	8.991	9.745	PASS
n7	15	15	507000	75@0	DFT_BPSK	13.485	14.412	PASS
n7	15	15	507000	75@0	DFT_QPSK	13.487	14.486	PASS
n7	15	15	507000	75@0	DFT_QAM16	13.516	14.562	PASS
n7	15	15	507000	75@0	DFT_QAM64	13.455	14.494	PASS
n7	15	15	507000	75@0	DFT_QAM256	13.475	14.352	PASS
n7	15	20	507000	100@0	DFT_BPSK	17.912	19.065	PASS
n7	15	20	507000	100@0	DFT_QPSK	17.965	19.189	PASS
n7	15	20	507000	100@0	DFT_QAM16	17.985	19.132	PASS
n7	15	20	507000	100@0	DFT_QAM64	17.961	19.216	PASS
n7	15	20	507000	100@0	DFT_QAM256	17.968	19.063	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.740	9.362	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.698	9.488	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.701	9.251	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.695	9.325	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.699	9.090	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	12.999	13.925	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.055	13.970	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.045	13.782	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.054	13.878	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.013	13.728	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.185	18.953	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.164	19.130	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.218	18.944	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.129	19.325	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.143	19.070	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	36.351	37.743	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	36.323	37.890	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	36.408	37.804	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	36.376	37.756	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	36.335	37.492	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	46.447	48.309	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	46.463	48.244	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	45.755	48.085	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	46.536	48.176	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	46.425	47.956	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	58.835	60.965	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	58.866	61.158	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.726	60.918	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	58.729	60.791	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	58.749	60.613	PASS
n77(3700-3980)	30	70	656000		DFT_BPSK	64.392	66.920	PASS
n77(3700-3980)	30	70	656000		DFT_QPSK	65.502	67.768	PASS

n77(3700-3980)	30	70	656000		DFT_QAM16	65.346	67.736	PASS
n77(3700-3980)	30	70	656000		DFT_QAM64	65.496	67.960	PASS
n77(3700-3980)	30	70	656000		DFT_QAM256	65.389	67.806	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	78.408	81.309	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	78.446	81.093	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	78.449	81.113	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	78.600	81.206	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	78.421	80.902	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	88.531	91.537	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	87.090	90.424	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	87.430	90.208	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	87.394	90.100	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	87.098	90.108	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	98.371	101.692	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	98.060	101.639	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	98.170	101.363	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	98.369	101.383	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	98.386	101.384	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.603	10.100	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.606	10.034	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.678	10.256	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.629	9.797	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.573	9.783	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	12.911	14.705	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	12.911	14.609	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM16	12.919	14.343	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM64	12.883	14.528	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM256	12.930	14.572	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	17.928	19.462	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	17.987	19.395	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.010	19.700	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM64	17.994	19.643	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM256	17.954	19.394	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	35.842	38.035	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	35.884	38.196	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM16	35.793	38.228	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM64	35.857	38.181	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM256	35.843	38.011	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	45.838	48.396	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	45.877	48.262	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM16	45.951	48.324	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM64	45.805	48.314	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM256	45.734	48.399	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.870	61.266	PASS

n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.910	60.820	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.878	60.838	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM64	58.003	61.069	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.826	61.007	PASS
n78(3450-3550)	30	70	633334		DFT_BPSK	64.423	68.045	PASS
n78(3450-3550)	30	70	633334		DFT_QPSK	64.388	67.931	PASS
n78(3450-3550)	30	70	633334		DFT_QAM16	64.431	67.996	PASS
n78(3450-3550)	30	70	633334		DFT_QAM64	64.481	68.016	PASS
n78(3450-3550)	30	70	633334		DFT_QAM256	64.465	67.917	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.091	81.222	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.230	81.231	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.279	81.140	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.122	81.261	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.282	81.131	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_BPSK	85.962	90.461	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QPSK	85.853	90.274	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM16	85.747	90.313	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM64	85.786	90.278	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM256	85.705	90.282	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.447	101.475	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.644	101.489	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.461	101.613	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.585	101.369	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.430	101.285	PASS