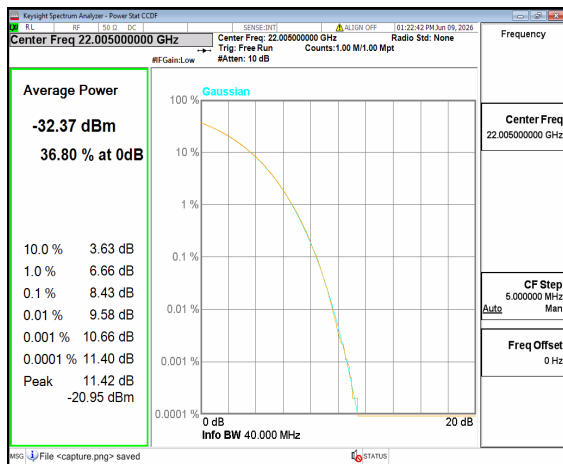
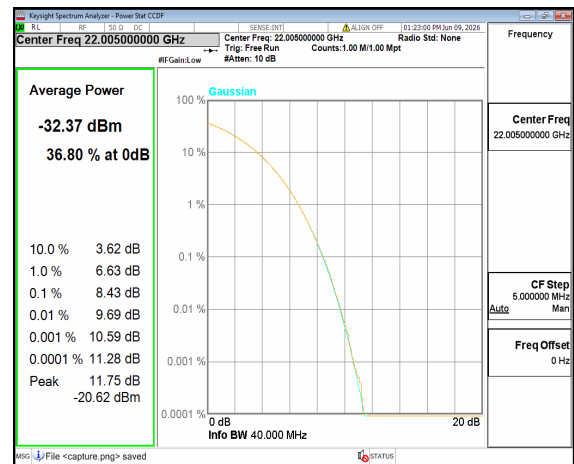
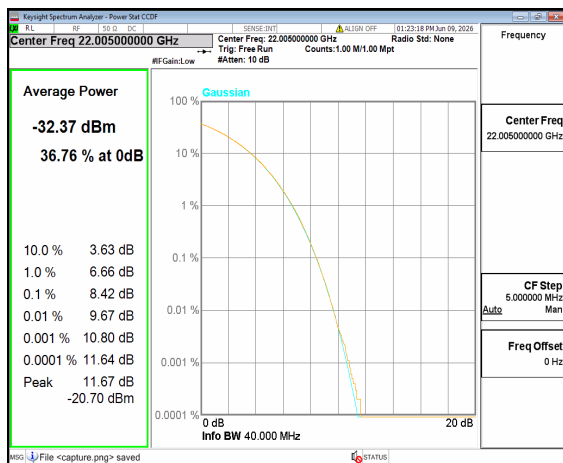




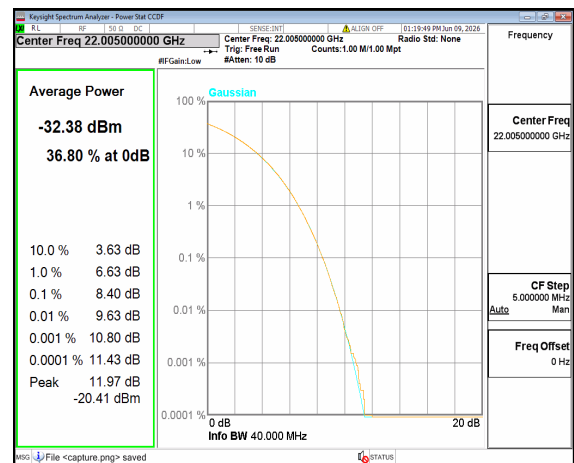
n2 40M DFT-s-OFDM BPSK Outer_Full High



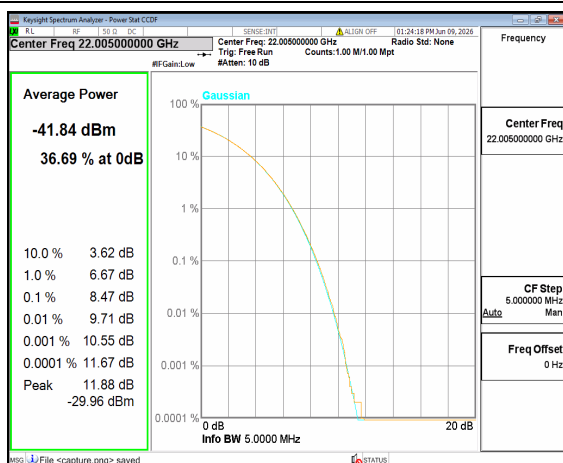
n2 40M DFT-s-OFDM 256QAM Outer_Full High



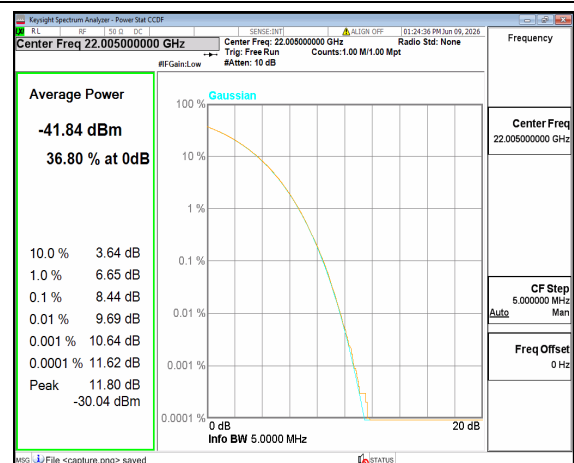
n2 40M CP-OFDM QPSK Outer_Full High



n2 40M CP-OFDM 256QAM Outer_Full Low



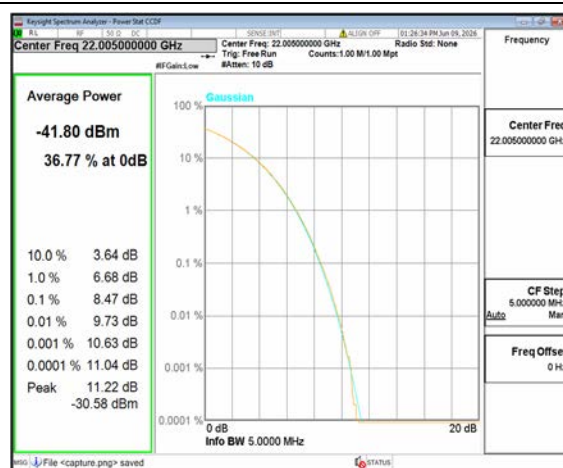
n66 5M DFT-s-OFDM BPSK Outer_Full Low



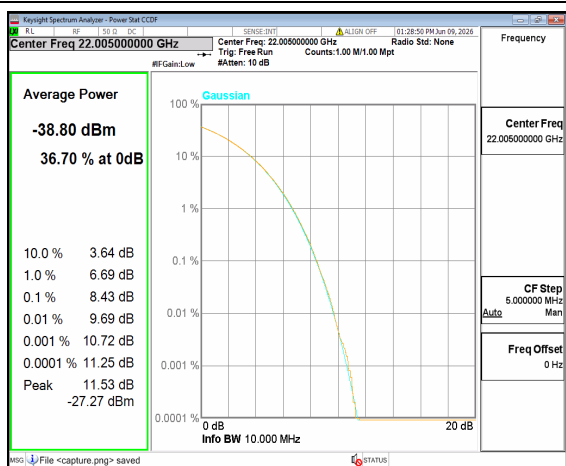
n66 5M DFT-s-OFDM 256QAM Outer_Full Low



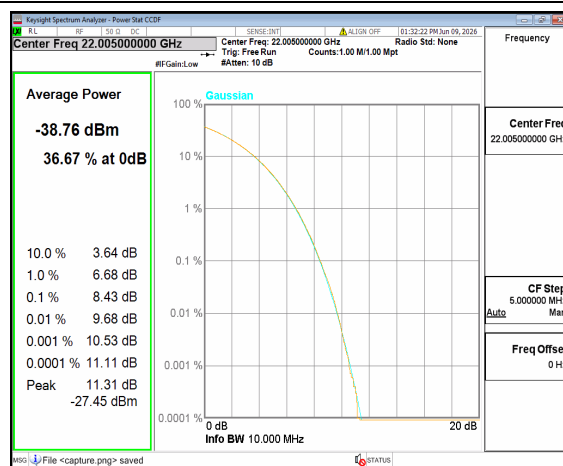
n66 5M CP-OFDM QPSK Outer_Full High



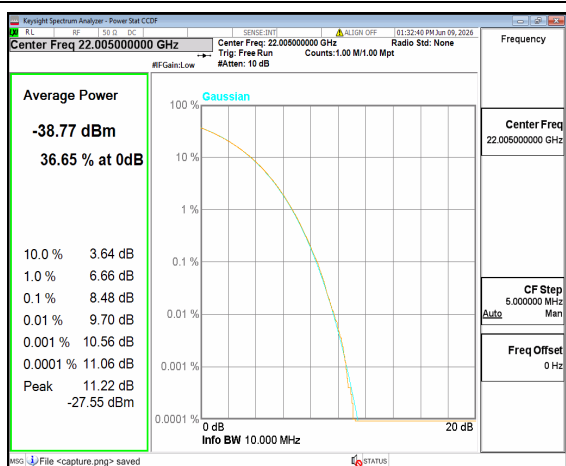
n66 5M CP-OFDM 256QAM Outer_Full Mid



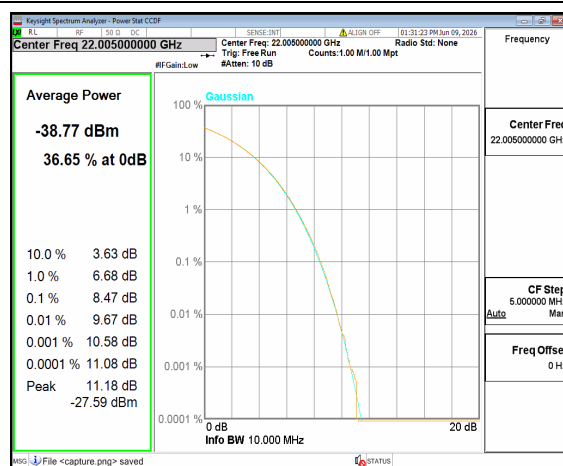
n66 10M DFT-s-OFDM BPSK Outer_Full Low



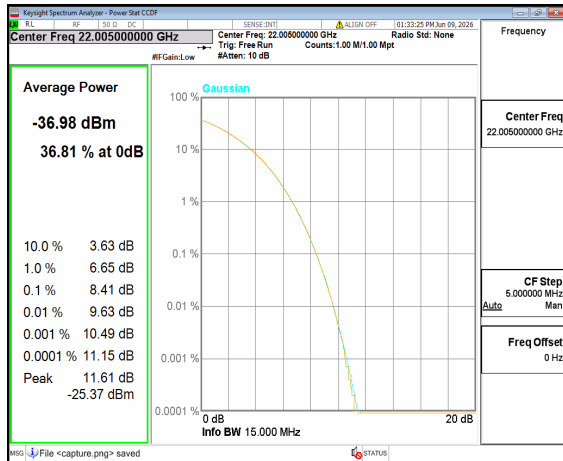
n66 10M DFT-s-OFDM 256QAM Outer_Full High



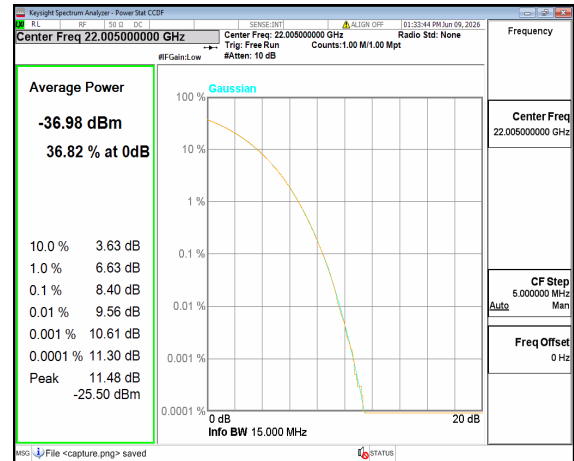
n66 10M CP-OFDM QPSK Outer_Full High



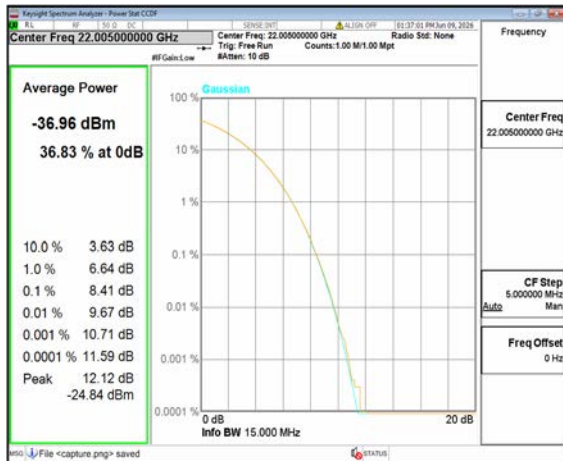
n66 10M CP-OFDM 256QAM Outer_Full Mid



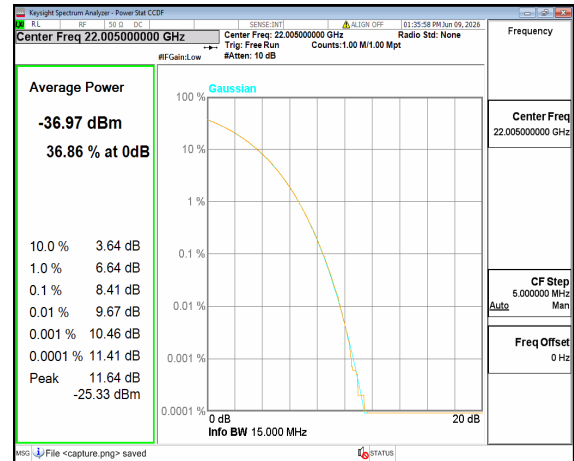
n66 15M DFT-s-OFDM BPSK Outer_Full Low



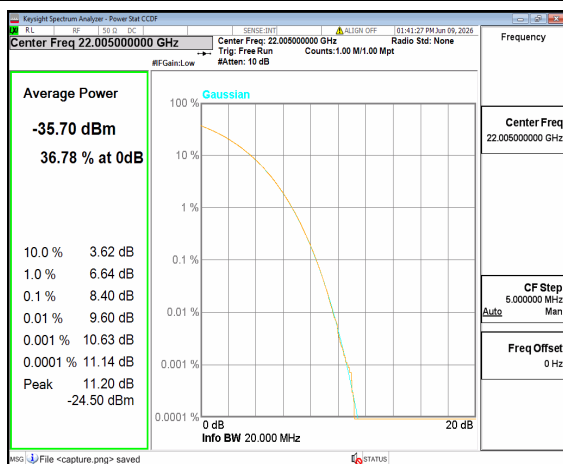
n66 15M DFT-s-OFDM 256QAM Outer_Full Low



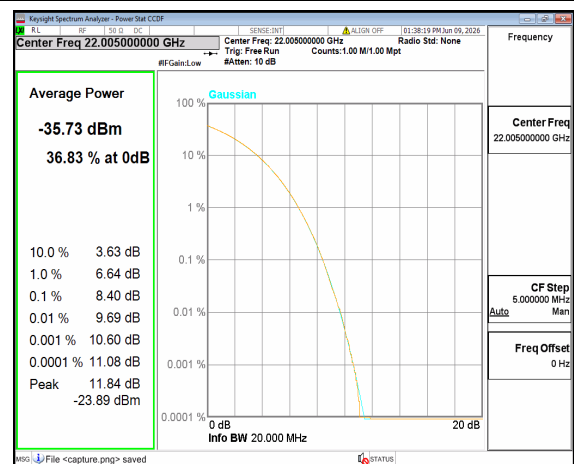
n66 15M CP-OFDM QPSK Outer_Full High



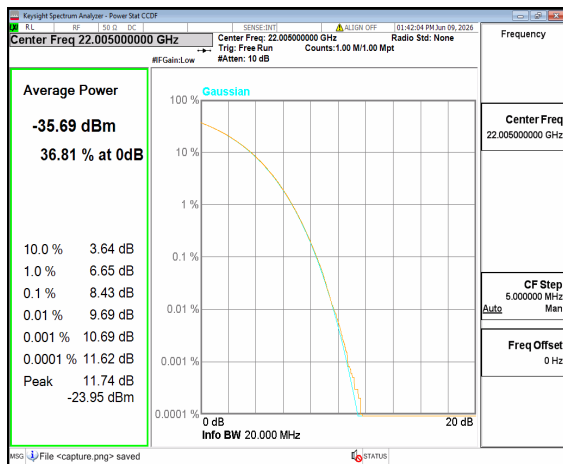
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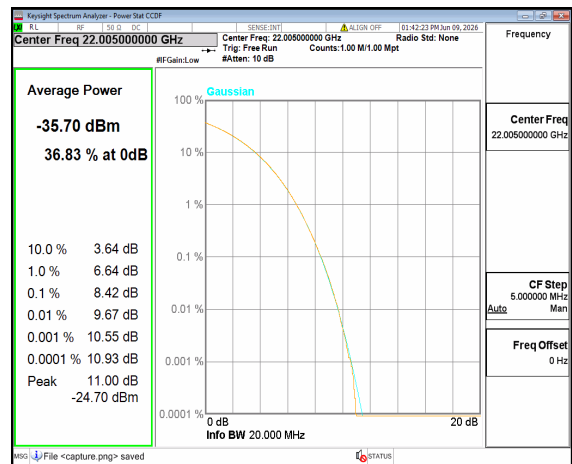
n66 20M DFT-s-OFDM BPSK Outer_Full High



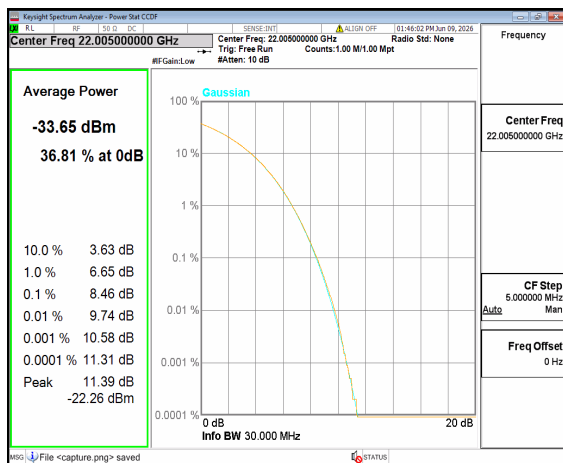
n66 20M DFT-s-OFDM 256QAM Outer_Full Low



n66 20M CP-OFDM QPSK Outer_Full High



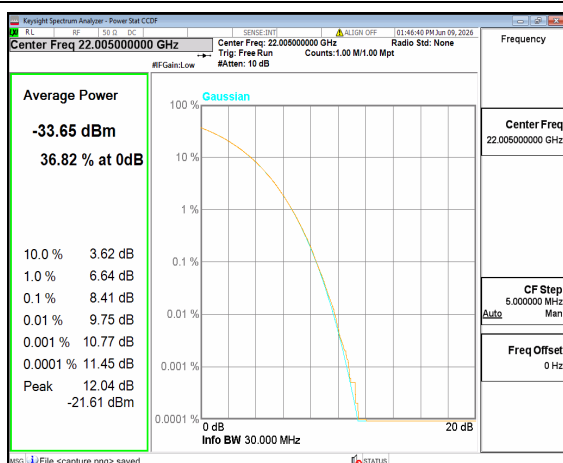
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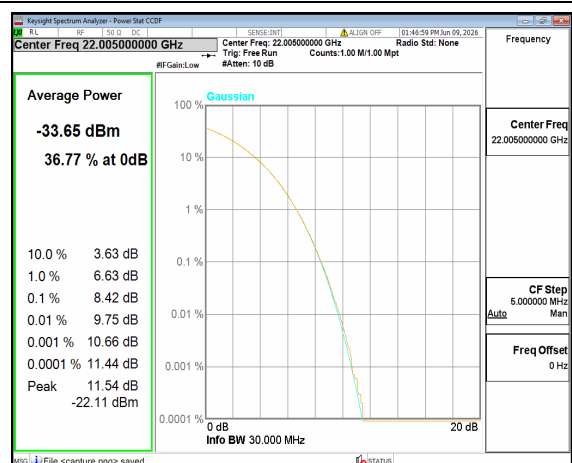
n66 30M DFT-s-OFDM BPSK Outer_Full High



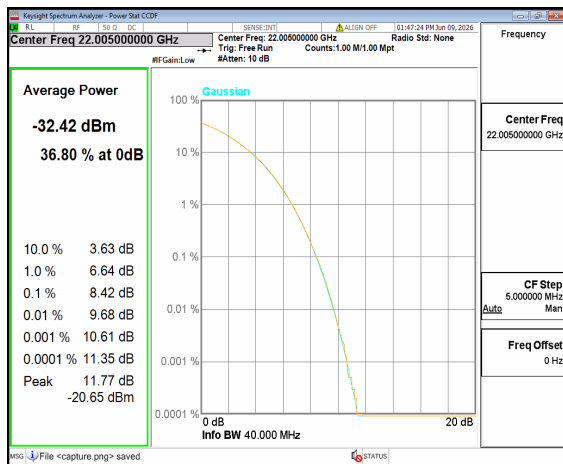
n66 30M DFT-s-OFDM 256QAM Outer_Full High



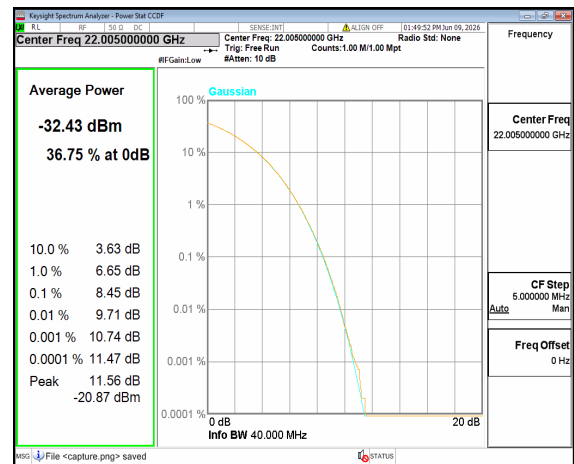
n66 30M CP-OFDM QPSK Outer_Full High



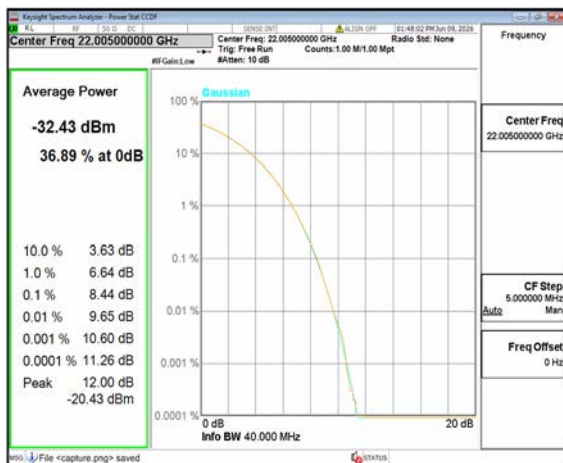
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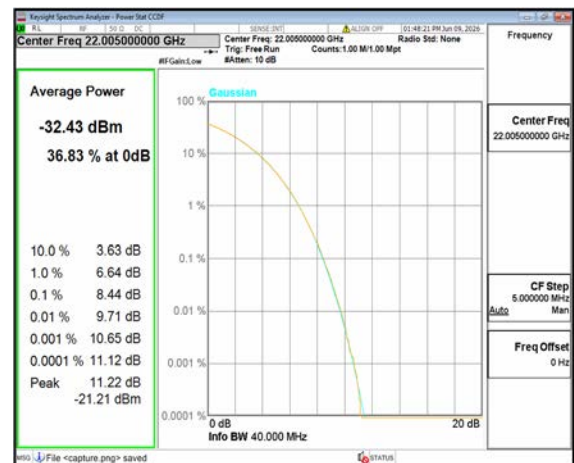
n66 40M DFT-s-OFDM BPSK Outer_Full Low



n66 40M DFT-s-OFDM 256QAM Outer_Full Mid



n66 40M CP-OFDM QPSK Outer_Full Low



n66 40M CP-OFDM 256QAM Outer_Full Low

Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	Result (dB)	Limit (dB)	Verdict
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n77(3450-3550MHz)	30	10	630334	DFT-s-OFDM PI/2 BPSK	24/0	5.93	13	PASS
n77(3450-3550MHz)	30	10	630334	DFT-s-OFDM 256QAM	24/0	5.8	13	PASS
n77(3450-3550MHz)	30	10	630334	CP-OFDM QPSK	24/0	8.23	13	PASS
n77(3450-3550MHz)	30	10	630334	CP-OFDM 256QAM	24/0	5.97	13	PASS
n77(3450-3550MHz)	30	10	633334	DFT-s-OFDM PI/2 BPSK	24/0	5.82	13	PASS
n77(3450-3550MHz)	30	10	633334	DFT-s-OFDM 256QAM	24/0	5.72	13	PASS
n77(3450-3550MHz)	30	10	633334	CP-OFDM QPSK	24/0	8.18	13	PASS
n77(3450-3550MHz)	30	10	633334	CP-OFDM 256QAM	24/0	5.93	13	PASS
n77(3450-3550MHz)	30	10	636332	DFT-s-OFDM PI/2 BPSK	24/0	6.06	13	PASS
n77(3450-3550MHz)	30	10	636332	DFT-s-OFDM 256QAM	24/0	5.86	13	PASS
n77(3450-3550MHz)	30	10	636332	CP-OFDM QPSK	24/0	8.26	13	PASS
n77(3450-3550MHz)	30	10	636332	CP-OFDM 256QAM	24/0	6.05	13	PASS
n77(3450-3550MHz)	30	15	630500	DFT-s-OFDM PI/2 BPSK	36/0	5.84	13	PASS
n77(3450-3550MHz)	30	15	630500	DFT-s-OFDM 256QAM	36/0	5.48	13	PASS
n77(3450-3550MHz)	30	15	630500	CP-OFDM QPSK	36/0	7.95	13	PASS
n77(3450-3550MHz)	30	15	630500	CP-OFDM 256QAM	36/0	5.47	13	PASS
n77(3450-3550MHz)	30	15	633334	DFT-s-OFDM PI/2 BPSK	36/0	5.81	13	PASS
n77(3450-3550MHz)	30	15	633334	DFT-s-OFDM 256QAM	36/0	5.34	13	PASS
n77(3450-3550MHz)	30	15	633334	CP-OFDM QPSK	36/0	7.83	13	PASS



n77(3450-3550MHz)	30	15	633334	CP-OFDM 256QAM	36/0	5.43	13	PASS
n77(3450-3550MHz)	30	15	636166	DFT-s-OFDM PI/2 BPSK	36/0	5.86	13	PASS
n77(3450-3550MHz)	30	15	636166	DFT-s-OFDM 256QAM	36/0	5.55	13	PASS
n77(3450-3550MHz)	30	15	636166	CP-OFDM QPSK	36/0	7.81	13	PASS
n77(3450-3550MHz)	30	15	636166	CP-OFDM 256QAM	36/0	5.79	13	PASS
n77(3450-3550MHz)	30	20	630668	DFT-s-OFDM PI/2 BPSK	50/0	6.3	13	PASS
n77(3450-3550MHz)	30	20	630668	DFT-s-OFDM 256QAM	50/0	5.72	13	PASS
n77(3450-3550MHz)	30	20	630668	CP-OFDM QPSK	51/0	8.14	13	PASS
n77(3450-3550MHz)	30	20	630668	CP-OFDM 256QAM	51/0	5.87	13	PASS
n77(3450-3550MHz)	30	20	633334	DFT-s-OFDM PI/2 BPSK	50/0	6.53	13	PASS
n77(3450-3550MHz)	30	20	633334	DFT-s-OFDM 256QAM	50/0	5.57	13	PASS
n77(3450-3550MHz)	30	20	633334	CP-OFDM QPSK	51/0	8.18	13	PASS
n77(3450-3550MHz)	30	20	633334	CP-OFDM 256QAM	51/0	5.88	13	PASS
n77(3450-3550MHz)	30	20	636000	DFT-s-OFDM PI/2 BPSK	50/0	6.44	13	PASS
n77(3450-3550MHz)	30	20	636000	DFT-s-OFDM 256QAM	50/0	5.95	13	PASS
n77(3450-3550MHz)	30	20	636000	CP-OFDM QPSK	51/0	8.28	13	PASS
n77(3450-3550MHz)	30	20	636000	CP-OFDM 256QAM	51/0	6.09	13	PASS
n77(3450-3550MHz)	30	40	631334	DFT-s-OFDM PI/2 BPSK	100/0	6.24	13	PASS
n77(3450-3550MHz)	30	40	631334	DFT-s-OFDM 256QAM	100/0	5.73	13	PASS



n77(3450-3550MHz)	30	40	631334	CP-OFDM QPSK	106/0	8.99	13	PASS
n77(3450-3550MHz)	30	40	631334	CP-OFDM 256QAM	106/0	5.97	13	PASS
n77(3450-3550MHz)	30	40	633334	DFT-s-OFDM PI/2 BPSK	100/0	6.32	13	PASS
n77(3450-3550MHz)	30	40	633334	DFT-s-OFDM 256QAM	100/0	5.75	13	PASS
n77(3450-3550MHz)	30	40	633334	CP-OFDM QPSK	106/0	9.07	13	PASS
n77(3450-3550MHz)	30	40	633334	CP-OFDM 256QAM	106/0	5.9	13	PASS
n77(3450-3550MHz)	30	40	635332	DFT-s-OFDM PI/2 BPSK	100/0	6.62	13	PASS
n77(3450-3550MHz)	30	40	635332	DFT-s-OFDM 256QAM	100/0	6.04	13	PASS
n77(3450-3550MHz)	30	40	635332	CP-OFDM QPSK	106/0	9.33	13	PASS
n77(3450-3550MHz)	30	40	635332	CP-OFDM 256QAM	106/0	6.21	13	PASS
n77(3450-3550MHz)	30	50	631668	DFT-s-OFDM PI/2 BPSK	128/0	6.86	13	PASS
n77(3450-3550MHz)	30	50	631668	DFT-s-OFDM 256QAM	128/0	6.36	13	PASS
n77(3450-3550MHz)	30	50	631668	CP-OFDM QPSK	133/0	8.76	13	PASS
n77(3450-3550MHz)	30	50	631668	CP-OFDM 256QAM	133/0	5.95	13	PASS
n77(3450-3550MHz)	30	50	633334	DFT-s-OFDM PI/2 BPSK	128/0	6.99	13	PASS
n77(3450-3550MHz)	30	50	633334	DFT-s-OFDM 256QAM	128/0	6.36	13	PASS
n77(3450-3550MHz)	30	50	633334	CP-OFDM QPSK	133/0	8.87	13	PASS
n77(3450-3550MHz)	30	50	633334	CP-OFDM 256QAM	133/0	6.09	13	PASS
n77(3450-3550MHz)	30	50	635000	DFT-s-OFDM PI/2 BPSK	128/0	7.19	13	PASS



n77(3450-3550MHz)	30	50	635000	DFT-s-OFDM 256QAM	128/0	6.64	13	PASS
n77(3450-3550MHz)	30	50	635000	CP-OFDM QPSK	133/0	9.12	13	PASS
n77(3450-3550MHz)	30	50	635000	CP-OFDM 256QAM	133/0	6.3	13	PASS
n77(3450-3550MHz)	30	60	632000	DFT-s-OFDM PI/2 BPSK	162/0	6.89	13	PASS
n77(3450-3550MHz)	30	60	632000	DFT-s-OFDM 256QAM	162/0	6.5	13	PASS
n77(3450-3550MHz)	30	60	632000	CP-OFDM QPSK	162/0	8.77	13	PASS
n77(3450-3550MHz)	30	60	632000	CP-OFDM 256QAM	162/0	6.06	13	PASS
n77(3450-3550MHz)	30	60	633334	DFT-s-OFDM PI/2 BPSK	162/0	6.84	13	PASS
n77(3450-3550MHz)	30	60	633334	DFT-s-OFDM 256QAM	162/0	6.56	13	PASS
n77(3450-3550MHz)	30	60	633334	CP-OFDM QPSK	162/0	8.73	13	PASS
n77(3450-3550MHz)	30	60	633334	CP-OFDM 256QAM	162/0	5.97	13	PASS
n77(3450-3550MHz)	30	60	634666	DFT-s-OFDM PI/2 BPSK	162/0	6.95	13	PASS
n77(3450-3550MHz)	30	60	634666	DFT-s-OFDM 256QAM	162/0	6.78	13	PASS
n77(3450-3550MHz)	30	60	634666	CP-OFDM QPSK	162/0	8.96	13	PASS
n77(3450-3550MHz)	30	60	634666	CP-OFDM 256QAM	162/0	6.29	13	PASS
n77(3450-3550MHz)	30	70	632334	DFT-s-OFDM PI/2 BPSK	180/0	6.85	13	PASS
n77(3450-3550MHz)	30	70	632334	DFT-s-OFDM 256QAM	180/0	6.43	13	PASS
n77(3450-3550MHz)	30	70	632334	CP-OFDM QPSK	189/0	9.21	13	PASS
n77(3450-3550MHz)	30	70	632334	CP-OFDM 256QAM	189/0	6.22	13	PASS



n77(3450-3550MHz)	30	70	633334	DFT-s-OFDM PI/2 BPSK	180/0	6.77	13	PASS
n77(3450-3550MHz)	30	70	633334	DFT-s-OFDM 256QAM	180/0	6.42	13	PASS
n77(3450-3550MHz)	30	70	633334	CP-OFDM QPSK	189/0	9.1	13	PASS
n77(3450-3550MHz)	30	70	633334	CP-OFDM 256QAM	189/0	6.19	13	PASS
n77(3450-3550MHz)	30	70	634332	DFT-s-OFDM PI/2 BPSK	180/0	6.91	13	PASS
n77(3450-3550MHz)	30	70	634332	DFT-s-OFDM 256QAM	180/0	6.62	13	PASS
n77(3450-3550MHz)	30	70	634332	CP-OFDM QPSK	189/0	9.35	13	PASS
n77(3450-3550MHz)	30	70	634332	CP-OFDM 256QAM	189/0	6.48	13	PASS
n77(3450-3550MHz)	30	80	632668	DFT-s-OFDM PI/2 BPSK	216/0	7.16	13	PASS
n77(3450-3550MHz)	30	80	632668	DFT-s-OFDM 256QAM	216/0	7.16	13	PASS
n77(3450-3550MHz)	30	80	632668	CP-OFDM QPSK	217/0	9.32	13	PASS
n77(3450-3550MHz)	30	80	632668	CP-OFDM 256QAM	217/0	7.09	13	PASS
n77(3450-3550MHz)	30	80	633334	DFT-s-OFDM PI/2 BPSK	216/0	7.08	13	PASS
n77(3450-3550MHz)	30	80	633334	DFT-s-OFDM 256QAM	216/0	7	13	PASS
n77(3450-3550MHz)	30	80	633334	CP-OFDM QPSK	217/0	9.24	13	PASS
n77(3450-3550MHz)	30	80	633334	CP-OFDM 256QAM	217/0	7.05	13	PASS
n77(3450-3550MHz)	30	80	634000	DFT-s-OFDM PI/2 BPSK	216/0	7.15	13	PASS
n77(3450-3550MHz)	30	80	634000	DFT-s-OFDM 256QAM	216/0	6.99	13	PASS
n77(3450-3550MHz)	30	80	634000	CP-OFDM QPSK	217/0	9.29	13	PASS



n77(3450-3550MHz)	30	80	634000	CP-OFDM 256QAM	217/0	7.16	13	PASS
n77(3450-3550MHz)	30	90	633000	DFT-s-OFDM PI/2 BPSK	243/0	7.32	13	PASS
n77(3450-3550MHz)	30	90	633000	DFT-s-OFDM 256QAM	243/0	7.33	13	PASS
n77(3450-3550MHz)	30	90	633000	CP-OFDM QPSK	245/0	9.6	13	PASS
n77(3450-3550MHz)	30	90	633000	CP-OFDM 256QAM	245/0	7.37	13	PASS
n77(3450-3550MHz)	30	90	633334	DFT-s-OFDM PI/2 BPSK	243/0	7.32	13	PASS
n77(3450-3550MHz)	30	90	633334	DFT-s-OFDM 256QAM	243/0	7.25	13	PASS
n77(3450-3550MHz)	30	90	633334	CP-OFDM QPSK	245/0	9.58	13	PASS
n77(3450-3550MHz)	30	90	633334	CP-OFDM 256QAM	245/0	7.28	13	PASS
n77(3450-3550MHz)	30	90	633666	DFT-s-OFDM PI/2 BPSK	243/0	7.32	13	PASS
n77(3450-3550MHz)	30	90	633666	DFT-s-OFDM 256QAM	243/0	7.24	13	PASS
n77(3450-3550MHz)	30	90	633666	CP-OFDM QPSK	245/0	9.57	13	PASS
n77(3450-3550MHz)	30	90	633666	CP-OFDM 256QAM	245/0	7.31	13	PASS
n77(3450-3550MHz)	30	100	633334	DFT-s-OFDM PI/2 BPSK	270/0	7.37	13	PASS
n77(3450-3550MHz)	30	100	633334	DFT-s-OFDM 256QAM	270/0	7	13	PASS
n77(3450-3550MHz)	30	100	633334	CP-OFDM QPSK	273/0	9.57	13	PASS
n77(3450-3550MHz)	30	100	633334	CP-OFDM 256QAM	273/0	7.29	13	PASS
n77(3700-3980MHz)	30	10	647000	DFT-s-OFDM PI/2 BPSK	24/0	5.77	13	PASS
n77(3700-3980MHz)	30	10	647000	DFT-s-OFDM 256QAM	24/0	5.77	13	PASS



n77(3700-3980MHz)	30	10	647000	CP-OFDM QPSK	24/0	8.24	13	PASS
n77(3700-3980MHz)	30	10	647000	CP-OFDM 256QAM	24/0	5.99	13	PASS
n77(3700-3980MHz)	30	10	656000	DFT-s-OFDM PI/2 BPSK	24/0	5.72	13	PASS
n77(3700-3980MHz)	30	10	656000	DFT-s-OFDM 256QAM	24/0	5.57	13	PASS
n77(3700-3980MHz)	30	10	656000	CP-OFDM QPSK	24/0	8.06	13	PASS
n77(3700-3980MHz)	30	10	656000	CP-OFDM 256QAM	24/0	5.72	13	PASS
n77(3700-3980MHz)	30	10	665000	DFT-s-OFDM PI/2 BPSK	24/0	6.53	13	PASS
n77(3700-3980MHz)	30	10	665000	DFT-s-OFDM 256QAM	24/0	5.85	13	PASS
n77(3700-3980MHz)	30	10	665000	CP-OFDM QPSK	24/0	7.95	13	PASS
n77(3700-3980MHz)	30	10	665000	CP-OFDM 256QAM	24/0	6.04	13	PASS
n77(3700-3980MHz)	30	15	647168	DFT-s-OFDM PI/2 BPSK	36/0	5.87	13	PASS
n77(3700-3980MHz)	30	15	647168	DFT-s-OFDM 256QAM	36/0	5.37	13	PASS
n77(3700-3980MHz)	30	15	647168	CP-OFDM QPSK	36/0	7.78	13	PASS
n77(3700-3980MHz)	30	15	647168	CP-OFDM 256QAM	36/0	5.27	13	PASS
n77(3700-3980MHz)	30	15	656000	DFT-s-OFDM PI/2 BPSK	36/0	5.72	13	PASS
n77(3700-3980MHz)	30	15	656000	DFT-s-OFDM 256QAM	36/0	5.28	13	PASS
n77(3700-3980MHz)	30	15	656000	CP-OFDM QPSK	36/0	7.6	13	PASS
n77(3700-3980MHz)	30	15	656000	CP-OFDM 256QAM	36/0	5.11	13	PASS
n77(3700-3980MHz)	30	15	664832	DFT-s-OFDM PI/2 BPSK	36/0	6	13	PASS



n77(3700-3980MHz)	30	15	664832	DFT-s-OFDM 256QAM	36/0	5.38	13	PASS
n77(3700-3980MHz)	30	15	664832	CP-OFDM QPSK	36/0	7.93	13	PASS
n77(3700-3980MHz)	30	15	664832	CP-OFDM 256QAM	36/0	5.21	13	PASS
n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM PI/2 BPSK	50/0	6.4	13	PASS
n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM 256QAM	50/0	5.62	13	PASS
n77(3700-3980MHz)	30	20	647334	CP-OFDM QPSK	51/0	8.31	13	PASS
n77(3700-3980MHz)	30	20	647334	CP-OFDM 256QAM	51/0	5.79	13	PASS
n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM PI/2 BPSK	50/0	6.3	13	PASS
n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM 256QAM	50/0	5.55	13	PASS
n77(3700-3980MHz)	30	20	656000	CP-OFDM QPSK	51/0	8.17	13	PASS
n77(3700-3980MHz)	30	20	656000	CP-OFDM 256QAM	51/0	5.75	13	PASS
n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM PI/2 BPSK	50/0	6.21	13	PASS
n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM 256QAM	50/0	5.4	13	PASS
n77(3700-3980MHz)	30	20	664666	CP-OFDM QPSK	51/0	8.18	13	PASS
n77(3700-3980MHz)	30	20	664666	CP-OFDM 256QAM	51/0	5.59	13	PASS
n77(3700-3980MHz)	30	40	648000	DFT-s-OFDM PI/2 BPSK	100/0	7.05	13	PASS
n77(3700-3980MHz)	30	40	648000	DFT-s-OFDM 256QAM	100/0	7	13	PASS
n77(3700-3980MHz)	30	40	648000	CP-OFDM QPSK	106/0	10.28	13	PASS
n77(3700-3980MHz)	30	40	648000	CP-OFDM 256QAM	106/0	7.6	13	PASS



n77(3700-3980MHz)	30	40	656000	DFT-s-OFDM PI/2 BPSK	100/0	6.85	13	PASS
n77(3700-3980MHz)	30	40	656000	DFT-s-OFDM 256QAM	100/0	6.66	13	PASS
n77(3700-3980MHz)	30	40	656000	CP-OFDM QPSK	106/0	9.85	13	PASS
n77(3700-3980MHz)	30	40	656000	CP-OFDM 256QAM	106/0	7.09	13	PASS
n77(3700-3980MHz)	30	40	664000	DFT-s-OFDM PI/2 BPSK	100/0	6.48	13	PASS
n77(3700-3980MHz)	30	40	664000	DFT-s-OFDM 256QAM	100/0	6.16	13	PASS
n77(3700-3980MHz)	30	40	664000	CP-OFDM QPSK	106/0	9.61	13	PASS
n77(3700-3980MHz)	30	40	664000	CP-OFDM 256QAM	106/0	6.33	13	PASS
n77(3700-3980MHz)	30	50	648334	DFT-s-OFDM PI/2 BPSK	128/0	7.74	13	PASS
n77(3700-3980MHz)	30	50	648334	DFT-s-OFDM 256QAM	128/0	8.42	13	PASS
n77(3700-3980MHz)	30	50	648334	CP-OFDM QPSK	133/0	10.99	13	PASS
n77(3700-3980MHz)	30	50	648334	CP-OFDM 256QAM	133/0	8.55	13	PASS
n77(3700-3980MHz)	30	50	656000	DFT-s-OFDM PI/2 BPSK	128/0	7.77	13	PASS
n77(3700-3980MHz)	30	50	656000	DFT-s-OFDM 256QAM	128/0	8.45	13	PASS
n77(3700-3980MHz)	30	50	656000	CP-OFDM QPSK	133/0	10.99	13	PASS
n77(3700-3980MHz)	30	50	656000	CP-OFDM 256QAM	133/0	8.78	13	PASS
n77(3700-3980MHz)	30	50	663666	DFT-s-OFDM PI/2 BPSK	128/0	7.19	13	PASS
n77(3700-3980MHz)	30	50	663666	DFT-s-OFDM 256QAM	128/0	7.32	13	PASS
n77(3700-3980MHz)	30	50	663666	CP-OFDM QPSK	133/0	9.8	13	PASS



n77(3700-3980MHz)	30	50	663666	CP-OFDM 256QAM	133/0	6.97	13	PASS
n77(3700-3980MHz)	30	60	648668	DFT-s-OFDM PI/2 BPSK	162/0	3.26	13	PASS
n77(3700-3980MHz)	30	60	648668	DFT-s-OFDM 256QAM	162/0	9.09	13	PASS
n77(3700-3980MHz)	30	60	648668	CP-OFDM QPSK	162/0	8.82	13	PASS
n77(3700-3980MHz)	30	60	648668	CP-OFDM 256QAM	162/0	10.09	13	PASS
n77(3700-3980MHz)	30	60	656000	DFT-s-OFDM PI/2 BPSK	162/0	3.38	13	PASS
n77(3700-3980MHz)	30	60	656000	DFT-s-OFDM 256QAM	162/0	6.76	13	PASS
n77(3700-3980MHz)	30	60	656000	CP-OFDM QPSK	162/0	8.73	13	PASS
n77(3700-3980MHz)	30	60	656000	CP-OFDM 256QAM	162/0	9.89	13	PASS
n77(3700-3980MHz)	30	60	663332	DFT-s-OFDM PI/2 BPSK	162/0	8.18	13	PASS
n77(3700-3980MHz)	30	60	663332	DFT-s-OFDM 256QAM	162/0	9.81	13	PASS
n77(3700-3980MHz)	30	60	663332	CP-OFDM QPSK	162/0	12.39	13	PASS
n77(3700-3980MHz)	30	60	663332	CP-OFDM 256QAM	162/0	10.27	13	PASS
n77(3700-3980MHz)	30	70	649000	DFT-s-OFDM PI/2 BPSK	180/0	3	13	PASS
n77(3700-3980MHz)	30	70	649000	DFT-s-OFDM 256QAM	180/0	6.82	13	PASS
n77(3700-3980MHz)	30	70	649000	CP-OFDM QPSK	189/0	8.8	13	PASS
n77(3700-3980MHz)	30	70	649000	CP-OFDM 256QAM	189/0	8.16	13	PASS
n77(3700-3980MHz)	30	70	656000	DFT-s-OFDM PI/2 BPSK	180/0	3.09	13	PASS
n77(3700-3980MHz)	30	70	656000	DFT-s-OFDM 256QAM	180/0	6.71	13	PASS



n77(3700-3980MHz)	30	70	656000	CP-OFDM QPSK	189/0	8.68	13	PASS
n77(3700-3980MHz)	30	70	656000	CP-OFDM 256QAM	189/0	8.03	13	PASS
n77(3700-3980MHz)	30	70	663000	DFT-s-OFDM PI/2 BPSK	180/0	3.49	13	PASS
n77(3700-3980MHz)	30	70	663000	DFT-s-OFDM 256QAM	180/0	7.1	13	PASS
n77(3700-3980MHz)	30	70	663000	CP-OFDM QPSK	189/0	9.04	13	PASS
n77(3700-3980MHz)	30	70	663000	CP-OFDM 256QAM	189/0	8.18	13	PASS
n77(3700-3980MHz)	30	80	649334	DFT-s-OFDM PI/2 BPSK	216/0	2.84	13	PASS
n77(3700-3980MHz)	30	80	649334	DFT-s-OFDM 256QAM	216/0	6.83	13	PASS
n77(3700-3980MHz)	30	80	649334	CP-OFDM QPSK	217/0	8.45	13	PASS
n77(3700-3980MHz)	30	80	649334	CP-OFDM 256QAM	217/0	8.35	13	PASS
n77(3700-3980MHz)	30	80	656000	DFT-s-OFDM PI/2 BPSK	216/0	2.85	13	PASS
n77(3700-3980MHz)	30	80	656000	DFT-s-OFDM 256QAM	216/0	6.61	13	PASS
n77(3700-3980MHz)	30	80	656000	CP-OFDM QPSK	217/0	8.39	13	PASS
n77(3700-3980MHz)	30	80	656000	CP-OFDM 256QAM	217/0	8.18	13	PASS
n77(3700-3980MHz)	30	80	662666	DFT-s-OFDM PI/2 BPSK	216/0	3.37	13	PASS
n77(3700-3980MHz)	30	80	662666	DFT-s-OFDM 256QAM	216/0	6.94	13	PASS
n77(3700-3980MHz)	30	80	662666	CP-OFDM QPSK	217/0	8.77	13	PASS
n77(3700-3980MHz)	30	80	662666	CP-OFDM 256QAM	217/0	8.34	13	PASS
n77(3700-3980MHz)	30	90	649666	DFT-s-OFDM PI/2 BPSK	243/0	2.83	13	PASS



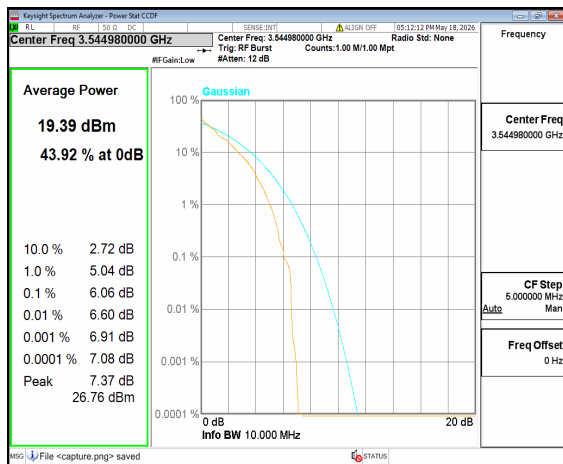
n77(3700-3980MHz)	30	90	649666	DFT-s-OFDM 256QAM	243/0	6.95	13	PASS
n77(3700-3980MHz)	30	90	649666	CP-OFDM QPSK	245/0	8.54	13	PASS
n77(3700-3980MHz)	30	90	649666	CP-OFDM 256QAM	245/0	8.59	13	PASS
n77(3700-3980MHz)	30	90	656000	DFT-s-OFDM PI/2 BPSK	243/0	2.93	13	PASS
n77(3700-3980MHz)	30	90	656000	DFT-s-OFDM 256QAM	243/0	6.78	13	PASS
n77(3700-3980MHz)	30	90	656000	CP-OFDM QPSK	245/0	8.49	13	PASS
n77(3700-3980MHz)	30	90	656000	CP-OFDM 256QAM	245/0	8.18	13	PASS
n77(3700-3980MHz)	30	90	662332	DFT-s-OFDM PI/2 BPSK	243/0	3.44	13	PASS
n77(3700-3980MHz)	30	90	662332	DFT-s-OFDM 256QAM	243/0	6.93	13	PASS
n77(3700-3980MHz)	30	90	662332	CP-OFDM QPSK	245/0	8.67	13	PASS
n77(3700-3980MHz)	30	90	662332	CP-OFDM 256QAM	245/0	8.52	13	PASS
n77(3700-3980MHz)	30	100	650000	DFT-s-OFDM PI/2 BPSK	270/0	3.25	13	PASS
n77(3700-3980MHz)	30	100	650000	DFT-s-OFDM 256QAM	270/0	6.96	13	PASS
n77(3700-3980MHz)	30	100	650000	CP-OFDM QPSK	273/0	8.59	13	PASS
n77(3700-3980MHz)	30	100	650000	CP-OFDM 256QAM	273/0	8.76	13	PASS
n77(3700-3980MHz)	30	100	656000	DFT-s-OFDM PI/2 BPSK	270/0	2.96	13	PASS
n77(3700-3980MHz)	30	100	656000	DFT-s-OFDM 256QAM	270/0	6.83	13	PASS
n77(3700-3980MHz)	30	100	656000	CP-OFDM QPSK	273/0	8.42	13	PASS
n77(3700-3980MHz)	30	100	656000	CP-OFDM 256QAM	273/0	8.51	13	PASS



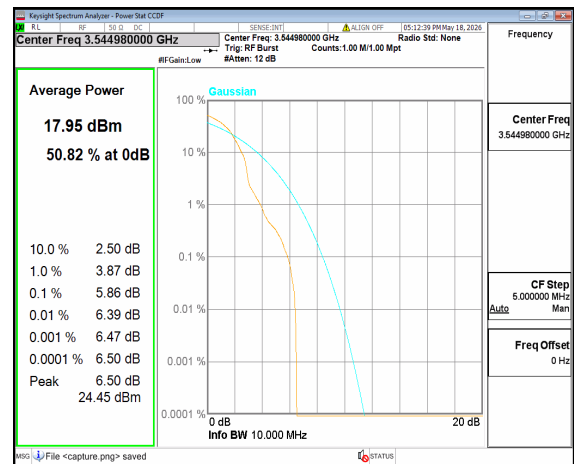
REPORT No.: SZ26040328Y06

n77(3700-3980MHz)	30	100	662000	DFT-s-OFDM PI/2 BPSK	270/0	3.54	13	PASS
n77(3700-3980MHz)	30	100	662000	DFT-s-OFDM 256QAM	270/0	6.98	13	PASS
n77(3700-3980MHz)	30	100	662000	CP-OFDM QPSK	273/0	8.5	13	PASS
n77(3700-3980MHz)	30	100	662000	CP-OFDM 256QAM	273/0	8.91	13	PASS

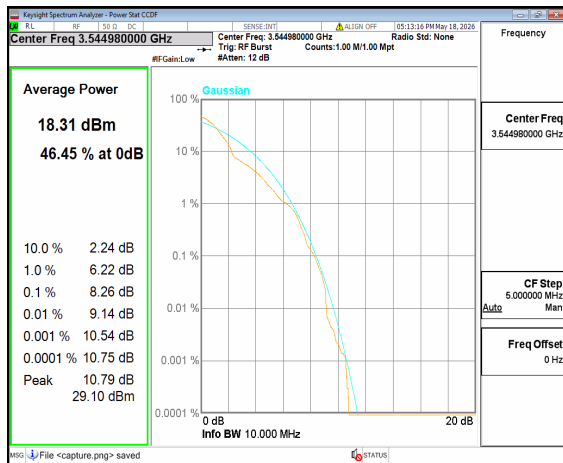




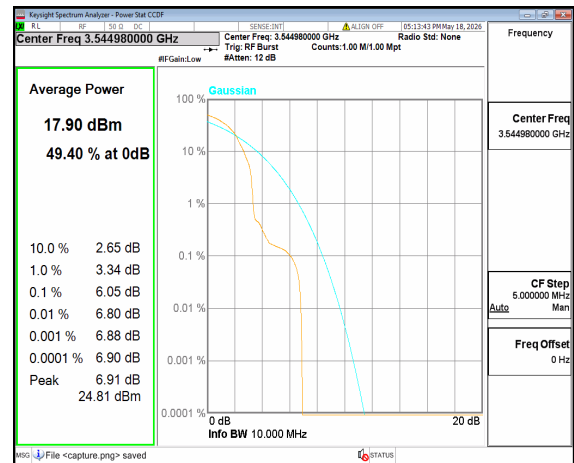
n77(3450-3550MHz) 10M DFT-s-OFDM BPSK
Outer_Full High



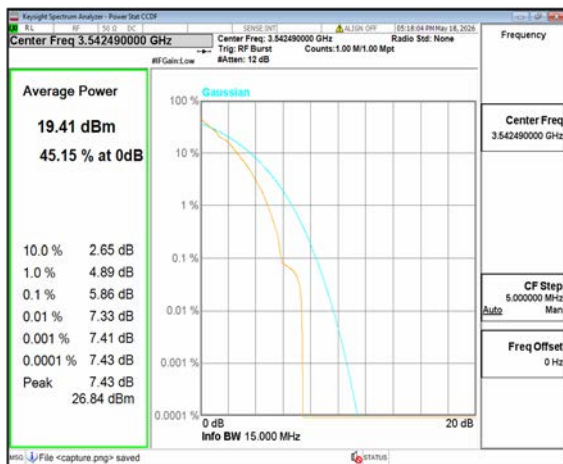
n77(3450-3550MHz) 10M DFT-s-OFDM
256QAM Outer_Full High



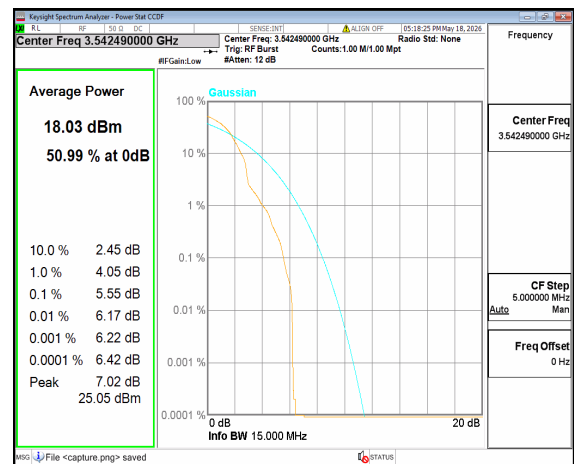
n77(3450-3550MHz) 10M CP-OFDM QPSK
Outer_Full High



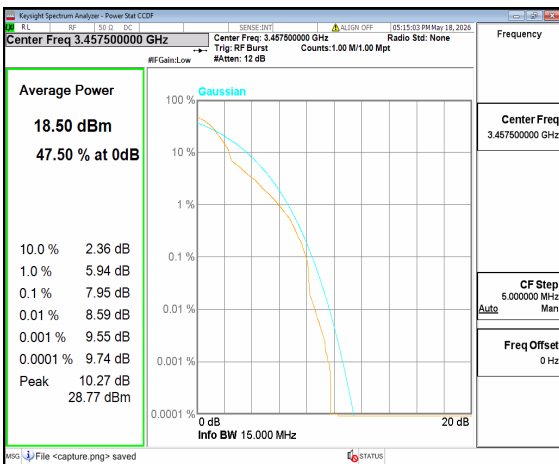
n77(3450-3550MHz) 10M CP-OFDM 256QAM
Outer_Full High



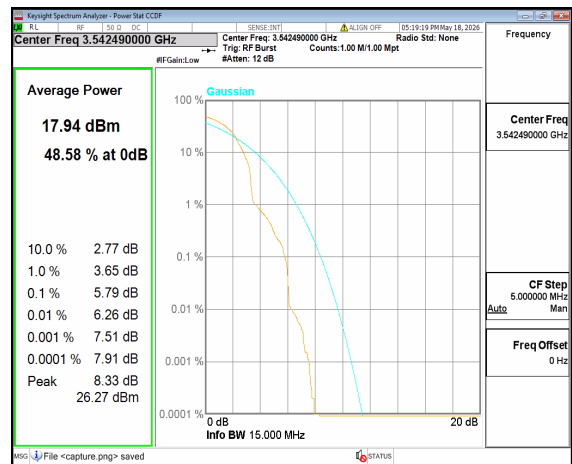
n77(3450-3550MHz) 15M DFT-s-OFDM BPSK
Outer_Full High



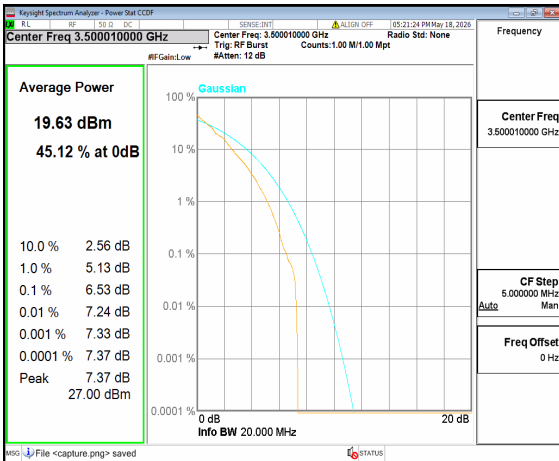
n77(3450-3550MHz) 15M DFT-s-OFDM
256QAM Outer_Full High



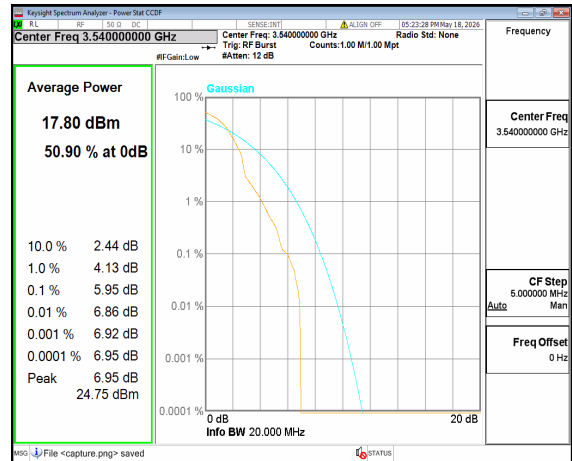
n77(3450-3550MHz) 15M CP-OFDM QPSK
Outer_Full Low



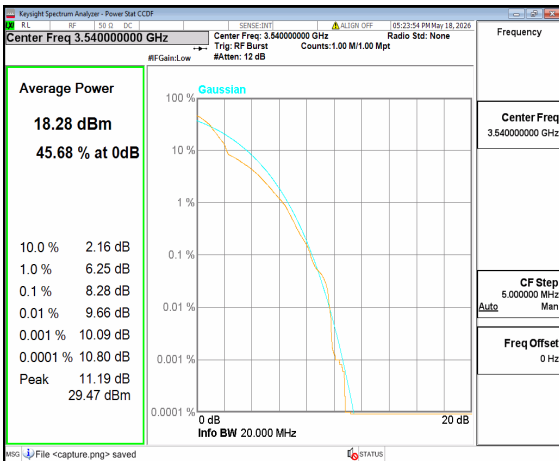
n77(3450-3550MHz) 15M CP-OFDM 256QAM
Outer_Full High



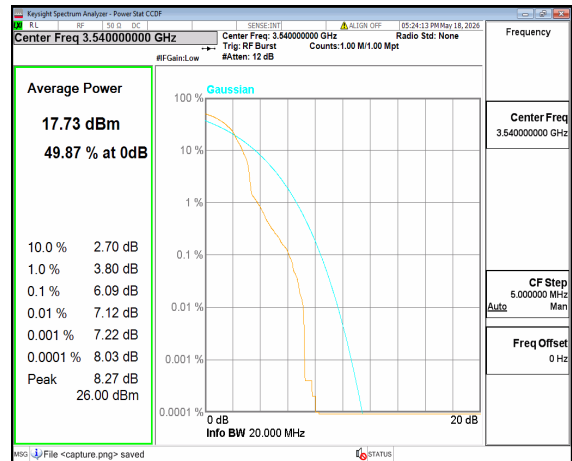
n77(3450-3550MHz) 20M DFT-s-OFDM BPSK
Outer_Full Mid



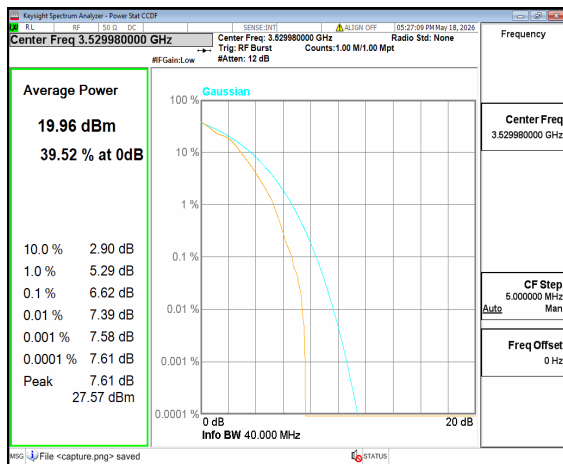
n77(3450-3550MHz) 20M DFT-s-OFDM
256QAM Outer_Full High



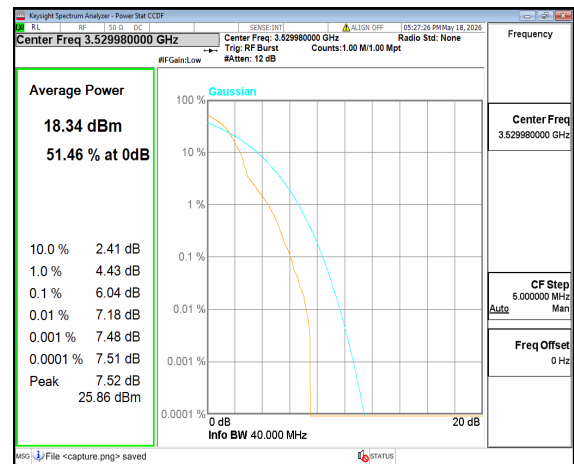
n77(3450-3550MHz) 20M CP-OFDM QPSK
Outer_Full High



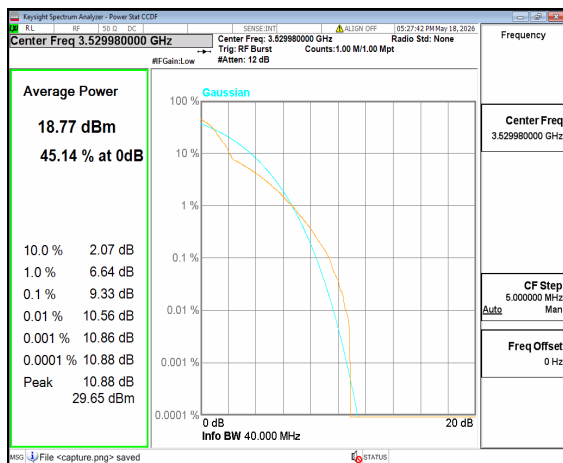
n77(3450-3550MHz) 20M CP-OFDM 256QAM
Outer_Full High



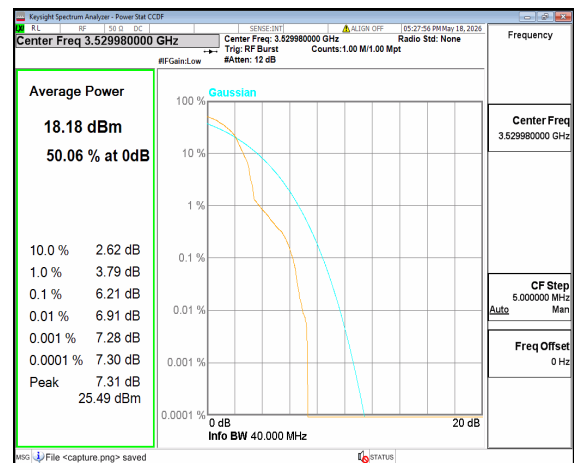
n77(3450-3550MHz) 40M DFT-s-OFDM BPSK
Outer_Full High



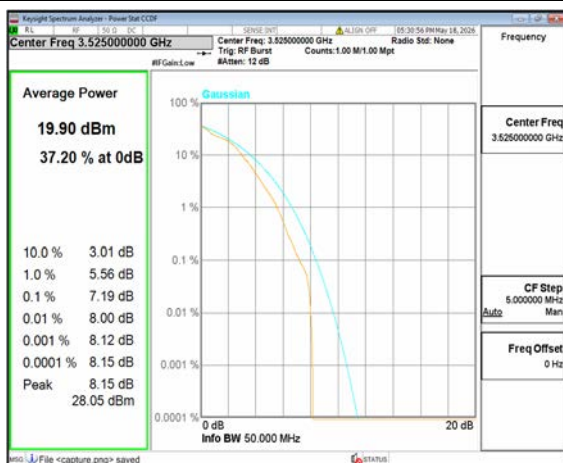
n77(3450-3550MHz) 40M DFT-s-OFDM
256QAM Outer_Full High



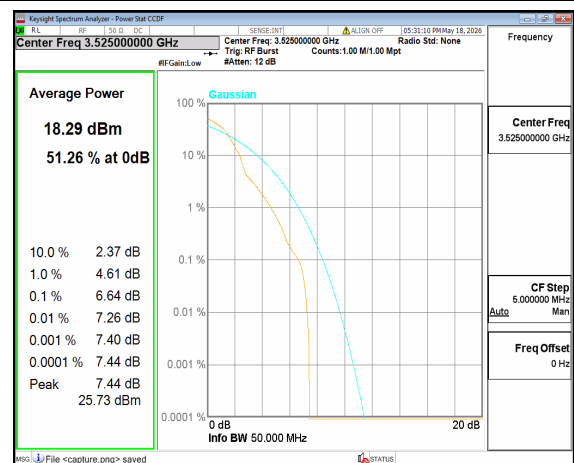
n77(3450-3550MHz) 40M CP-OFDM QPSK
Outer_Full High



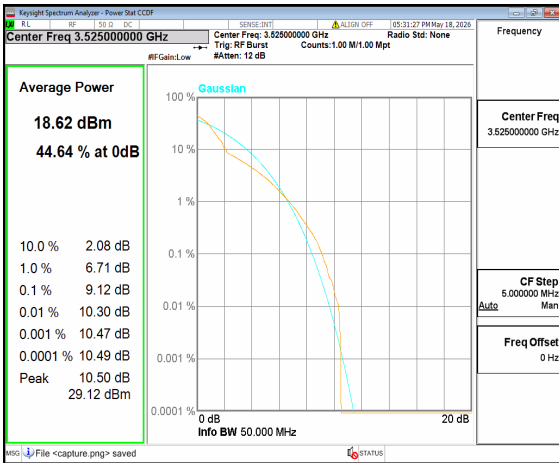
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Outer_Full High



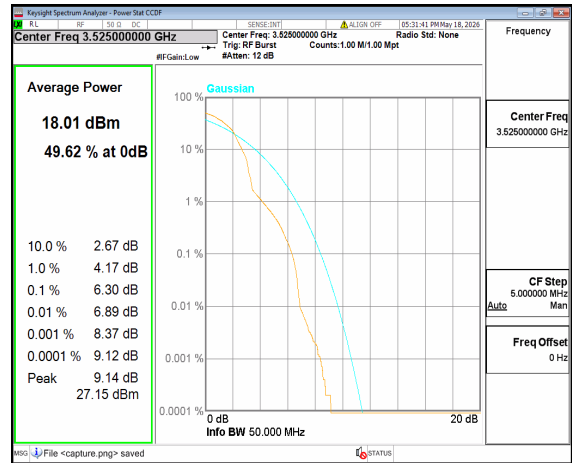
n77(3450-3550MHz) 50M DFT-s-OFDM BPSK
Outer_Full High



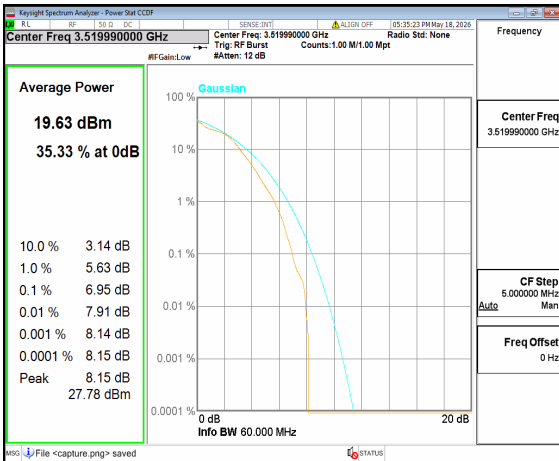
n77(3450-3550MHz) 50M DFT-s-OFDM
256QAM Outer_Full High



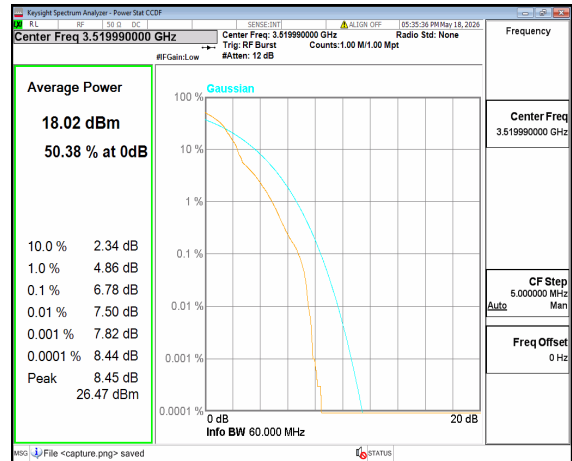
n77(3450-3550MHz) 50M CP-OFDM QPSK
Outer_Full High



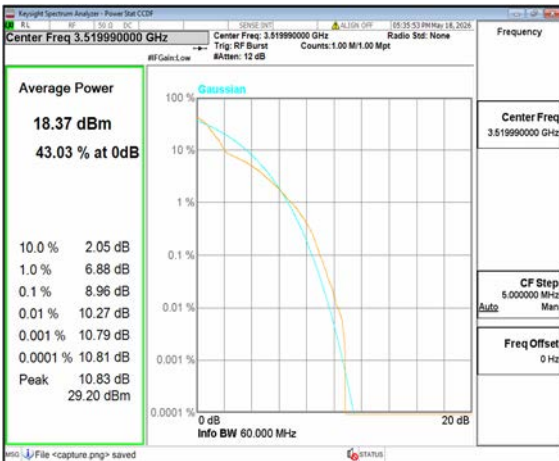
n77(3450-3550MHz) 50M CP-OFDM 256QAM
Outer_Full High



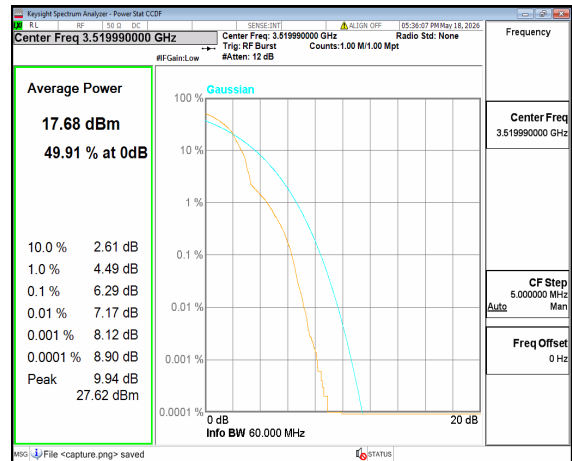
n77(3450-3550MHz) 60M DFT-s-OFDM BPSK
Outer_Full High



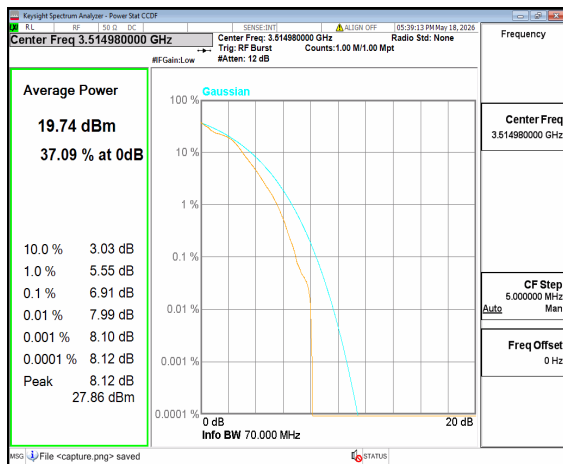
n77(3450-3550MHz) 60M DFT-s-OFDM
256QAM Outer_Full High



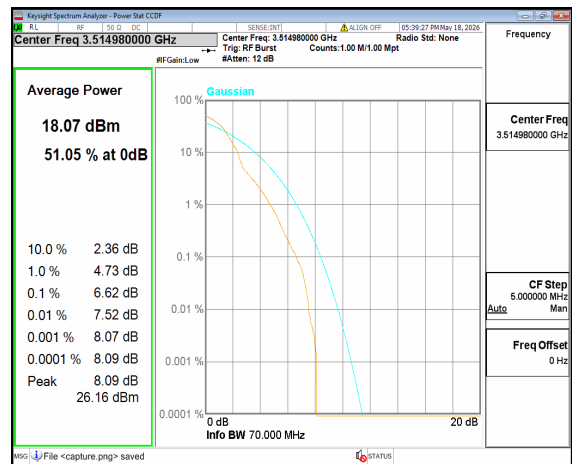
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Outer_Full High



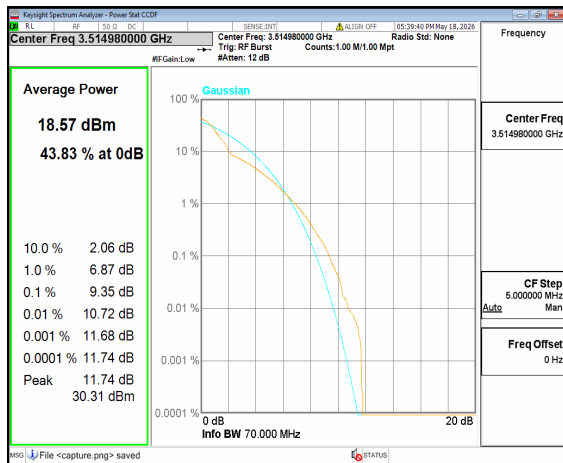
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Outer_Full High



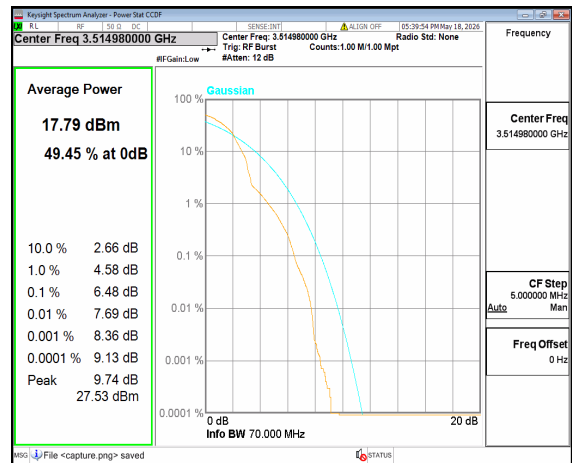
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Outer_Full High



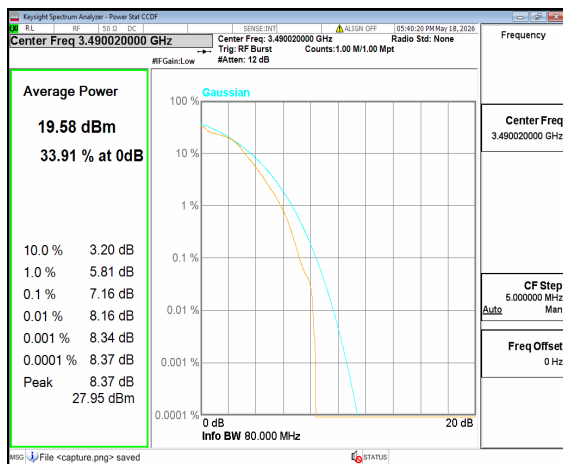
n77(3450-3550MHz) 70M DFT-s-OFDM
256QAM Outer_Full High



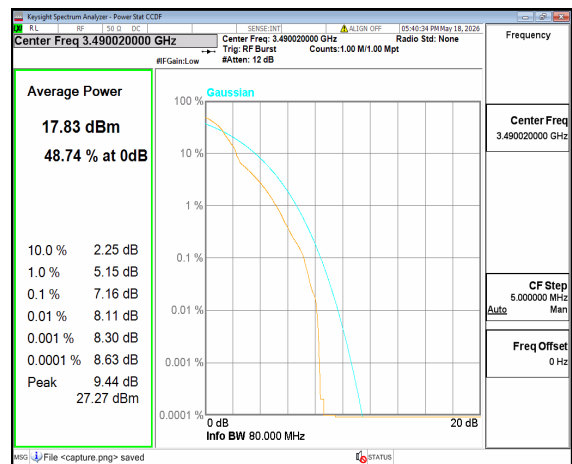
n77(3450-3550MHz) 70M CP-OFDM QPSK
Outer_Full High



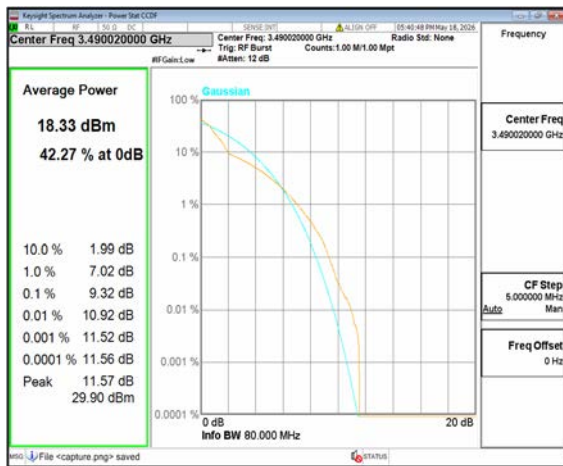
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Outer_Full High



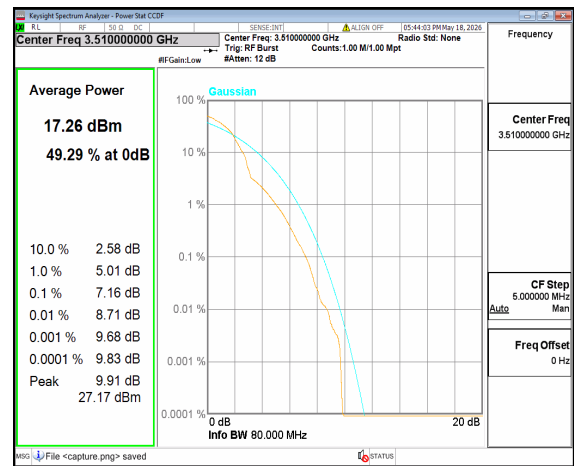
n77(3450-3550MHz) 80M DFT-s-OFDM BPSK
Outer_Full Low



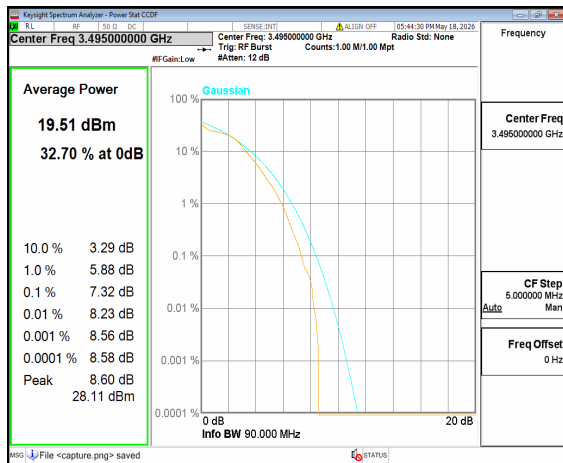
n77(3450-3550MHz) 80M DFT-s-OFDM
256QAM Outer_Full Low



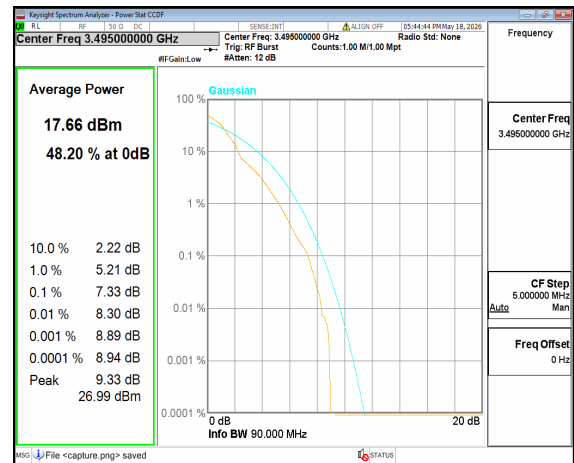
n77(3450-3550MHz) 80M CP-OFDM QPSK
Outer_Full Low



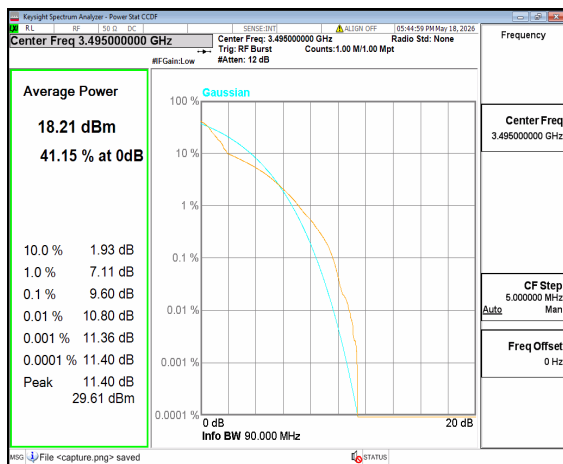
n77(3450-3550MHz) 80M CP-OFDM 256QAM
Outer_Full High



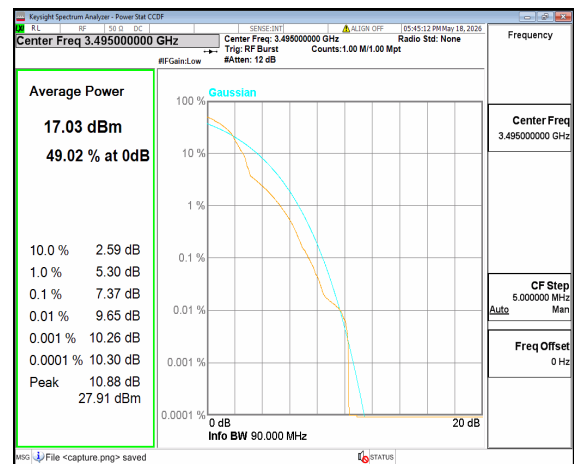
n77(3450-3550MHz) 90M DFT-s-OFDM BPSK
Outer_Full Low



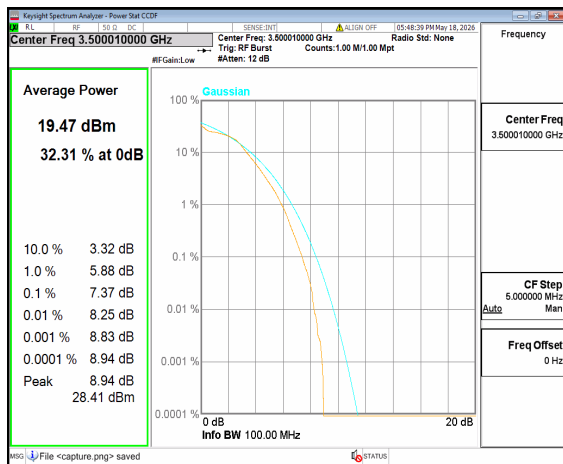
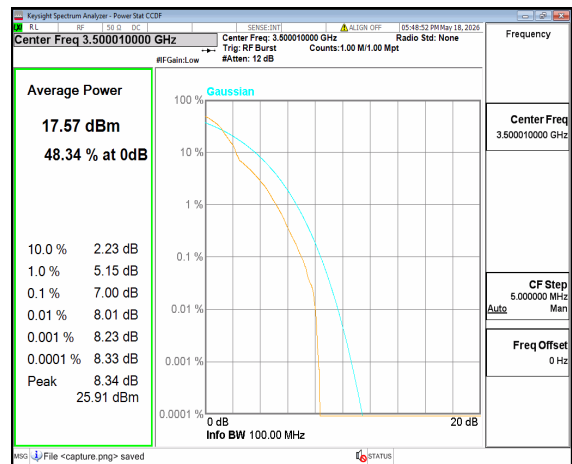
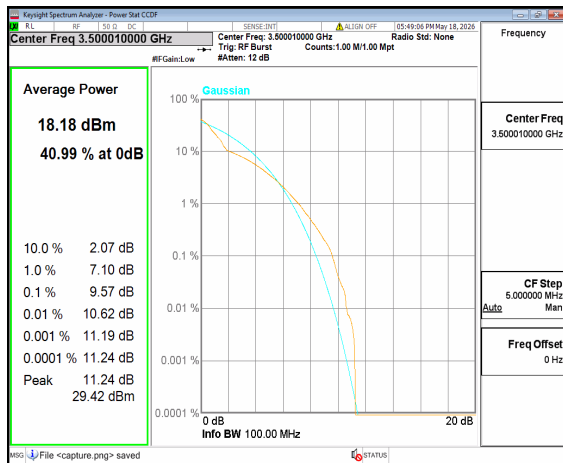
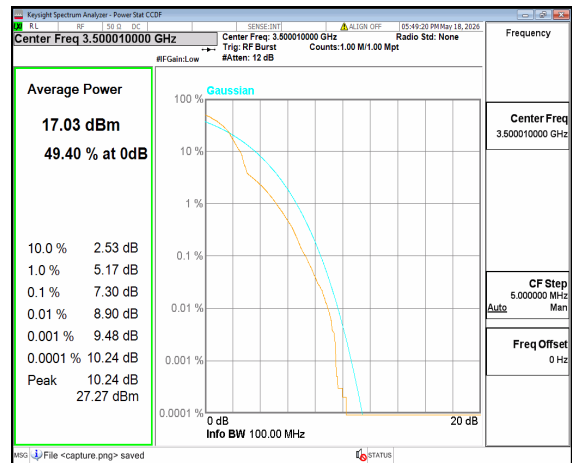
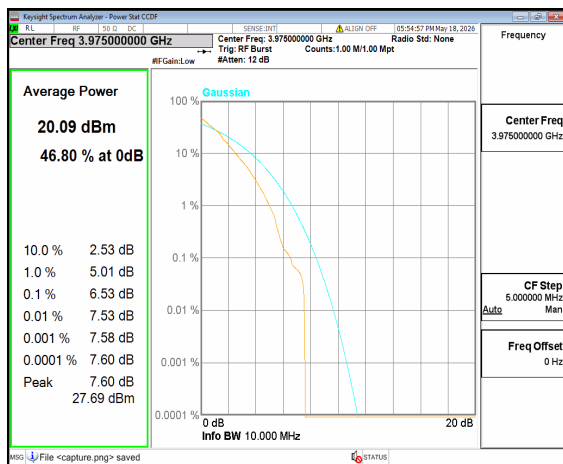
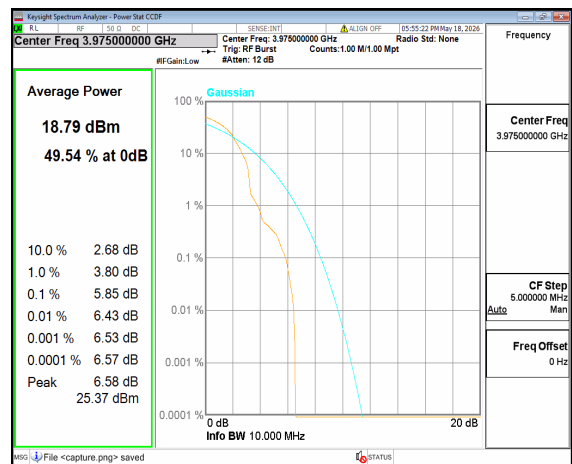
n77(3450-3550MHz) 90M DFT-s-OFDM
256QAM Outer_Full Low

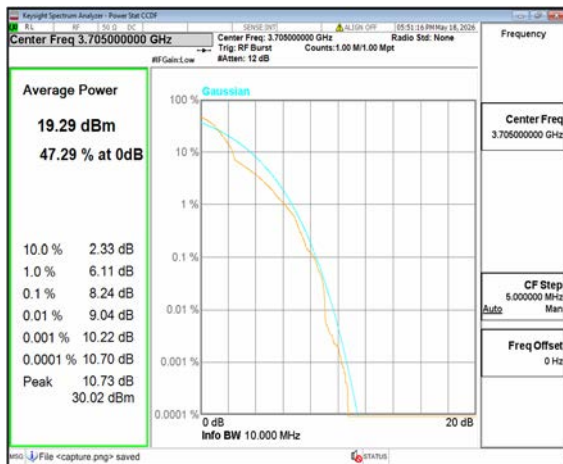


n77(3450-3550MHz) 90M CP-OFDM QPSK
Outer_Full Low

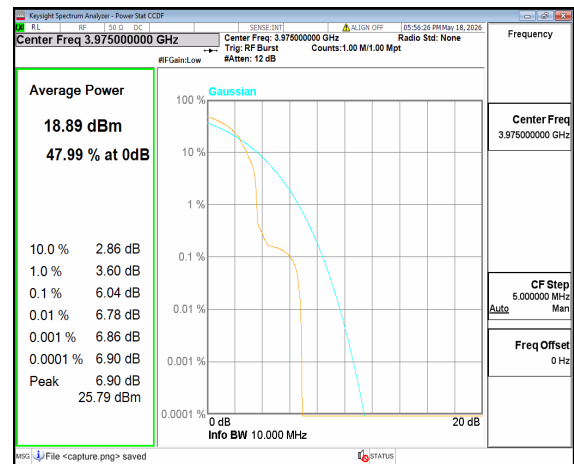


n77(3450-3550MHz) 90M CP-OFDM 256QAM
Outer_Full Low

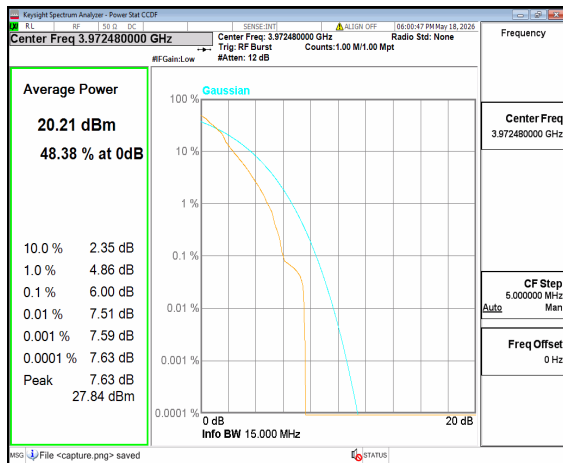
n77(3450-3550MHz) 100M DFT-s-OFDM BPSK
Outer_Full Midn77(3450-3550MHz) 100M DFT-s-OFDM
256QAM Outer_Full Midn77(3450-3550MHz) 100M CP-OFDM QPSK
Outer_Full Midn77(3450-3550MHz) 100M CP-OFDM 256QAM
Outer_Full Midn77(3700-3980MHz) 10M DFT-s-OFDM BPSK
Outer_Full Highn77(3700-3980MHz) 10M DFT-s-OFDM
256QAM Outer_Full High



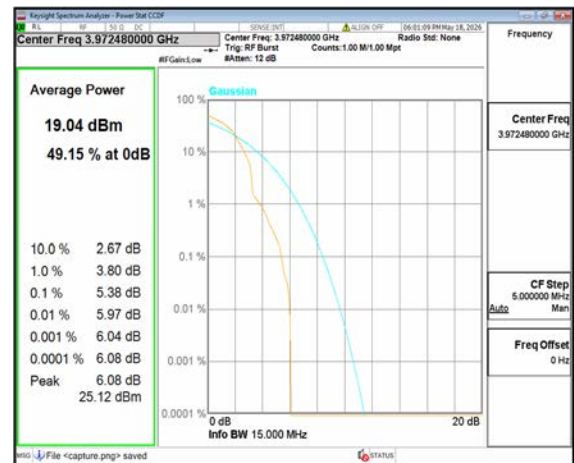
n77(3700-3980MHz) 10M CP-OFDM QPSK
Outer_Full Low



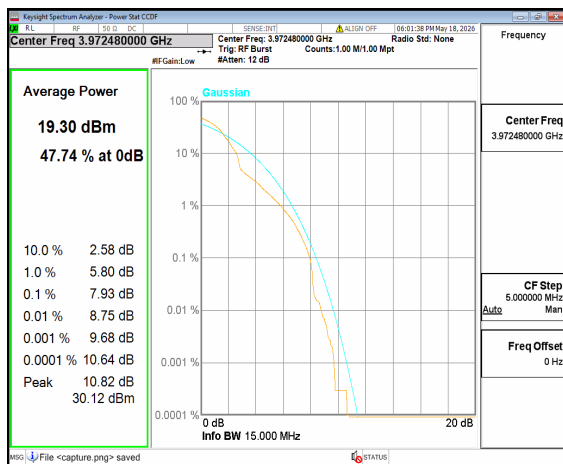
n77(3700-3980MHz) 10M CP-OFDM 256QAM
Outer_Full High



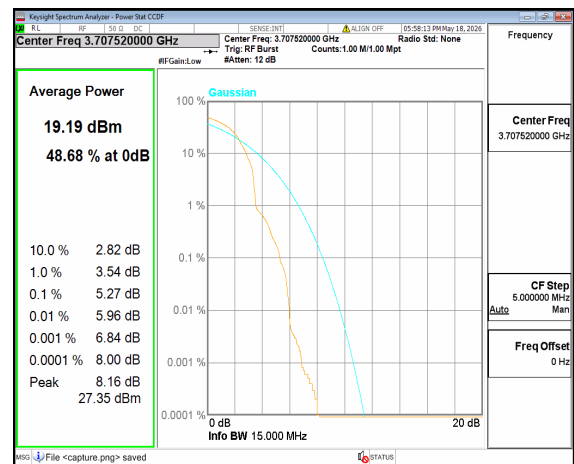
n77(3700-3980MHz) 15M DFT-s-OFDM BPSK
Outer_Full High



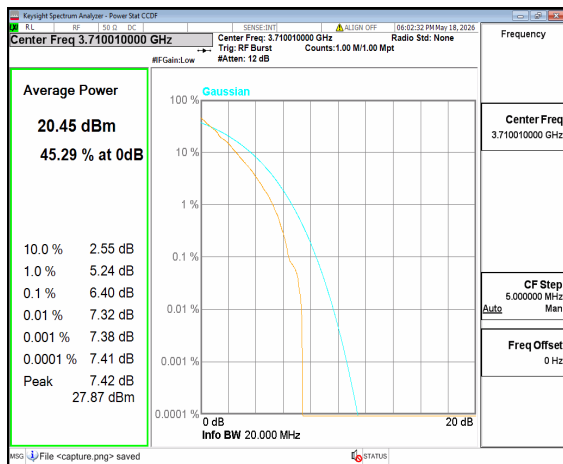
n77(3700-3980MHz) 15M DFT-s-OFDM
256QAM Outer_Full High



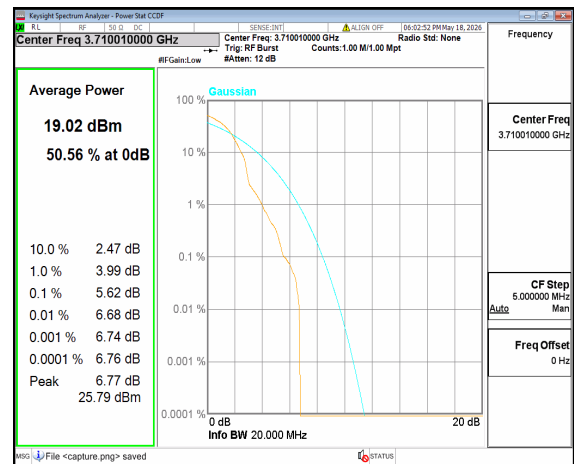
n77(3700-3980MHz) 15M CP-OFDM QPSK
Outer_Full High



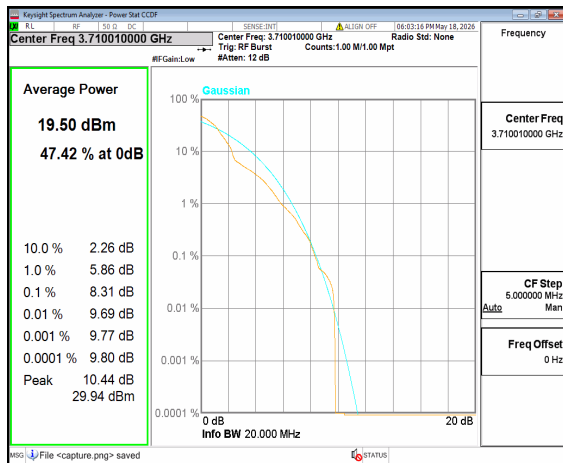
n77(3700-3980MHz) 15M CP-OFDM 256QAM
Outer_Full Low



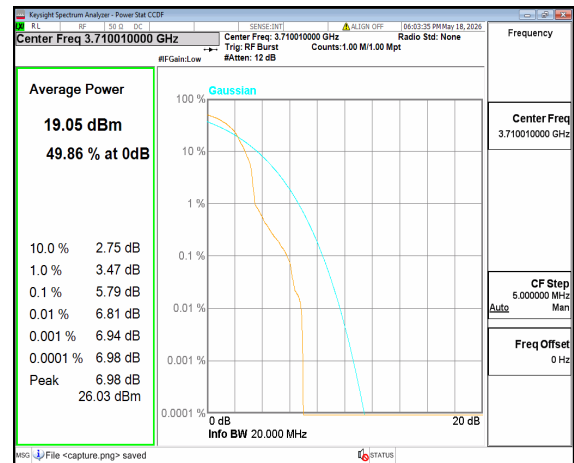
n77(3700-3980MHz) 20M DFT-s-OFDM BPSK
Outer_Full Low



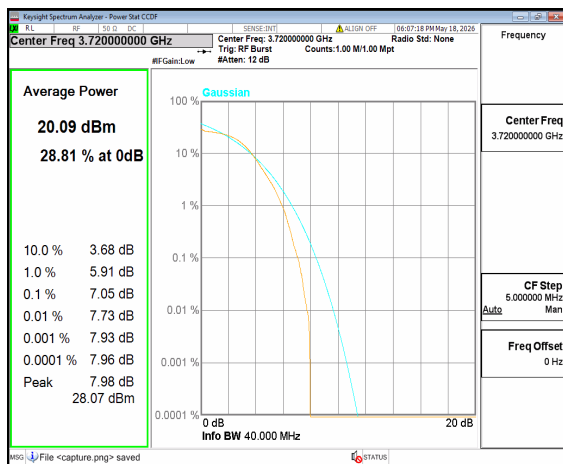
n77(3700-3980MHz) 20M DFT-s-OFDM
256QAM Outer_Full Low



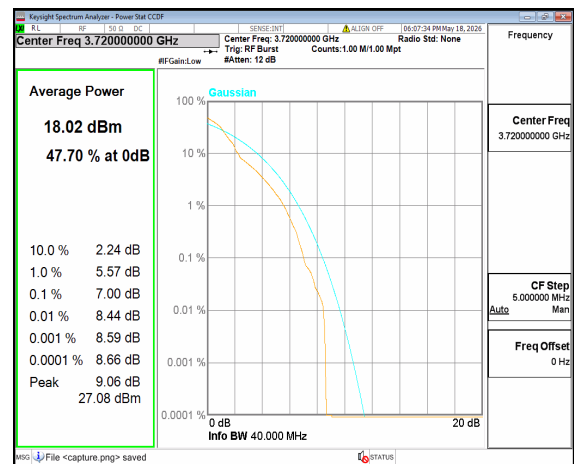
n77(3700-3980MHz) 20M CP-OFDM QPSK
Outer_Full Low



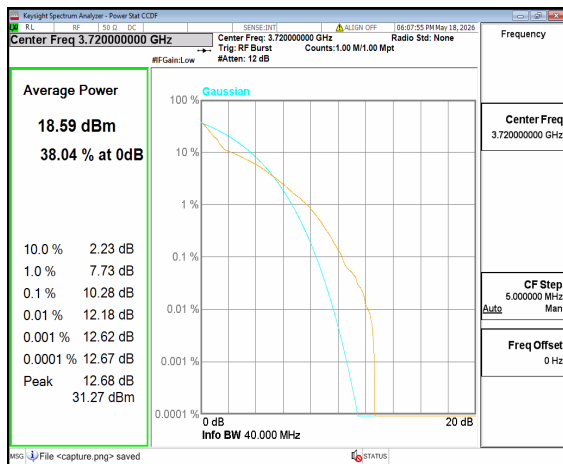
n77(3700-3980MHz) 20M CP-OFDM 256QAM
Outer_Full Low



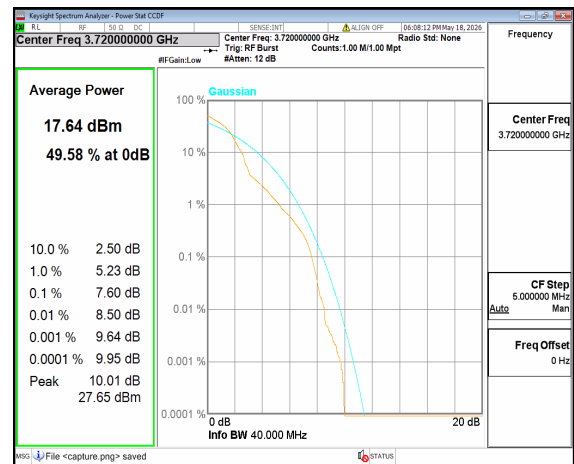
n77(3700-3980MHz) 40M DFT-s-OFDM BPSK
Outer_Full Low



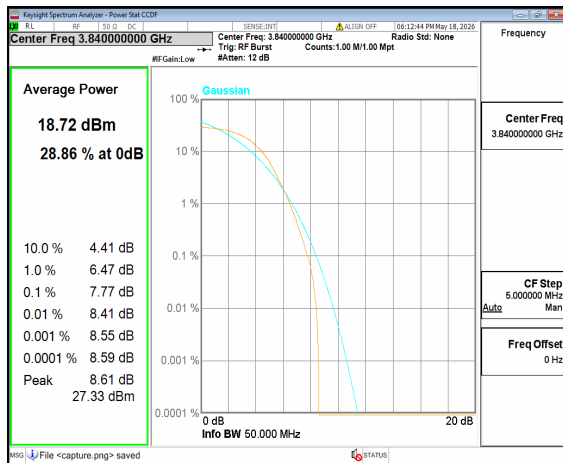
n77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full Low



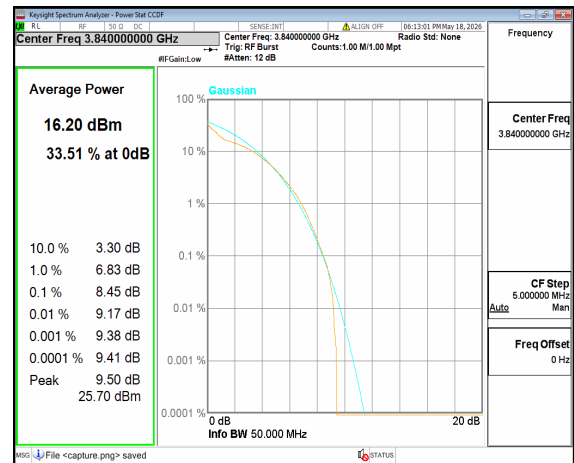
n77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full Low



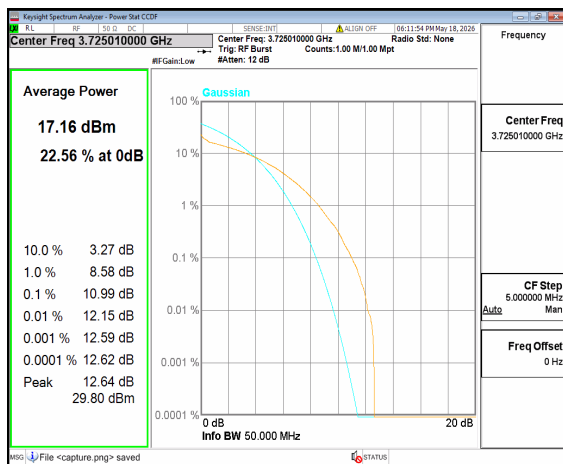
n77(3700-3980MHz) 40M CP-OFDM 256QAM
Outer_Full Low



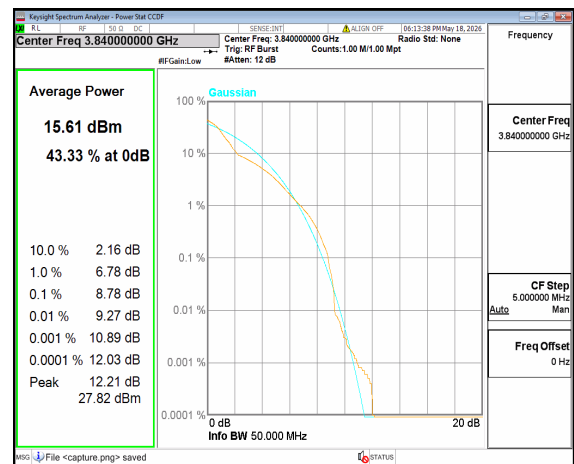
n77(3700-3980MHz) 50M DFT-s-OFDM BPSK
Outer_Full Mid



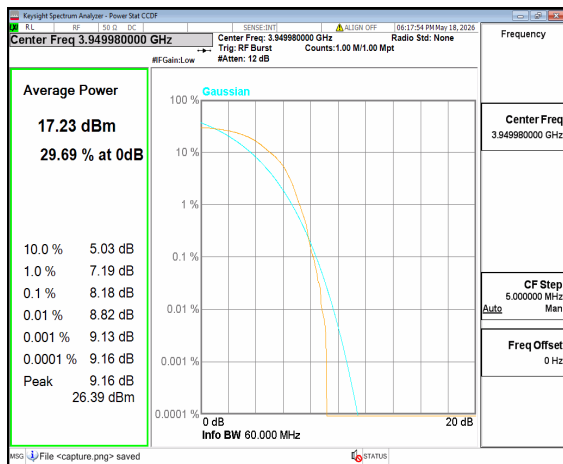
n77(3700-3980MHz) 50M DFT-s-OFDM
256QAM Outer_Full Mid



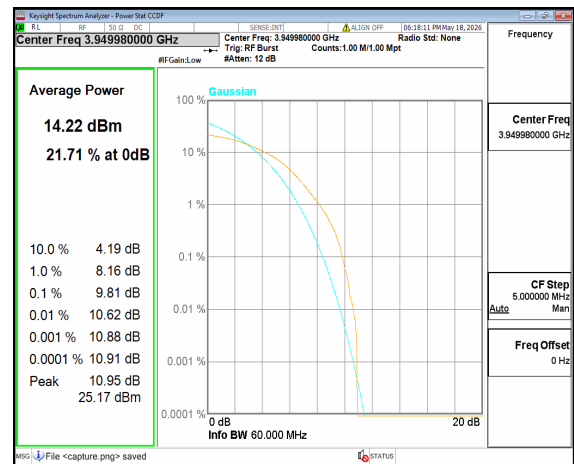
n77(3700-3980MHz) 50M CP-OFDM QPSK
Outer_Full Low



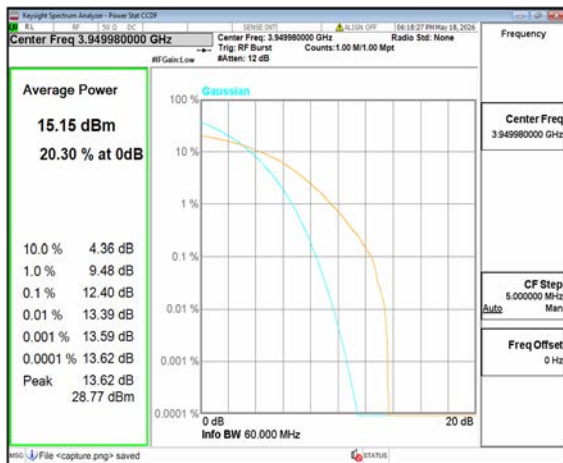
n77(3700-3980MHz) 50M CP-OFDM 256QAM
Outer_Full Mid



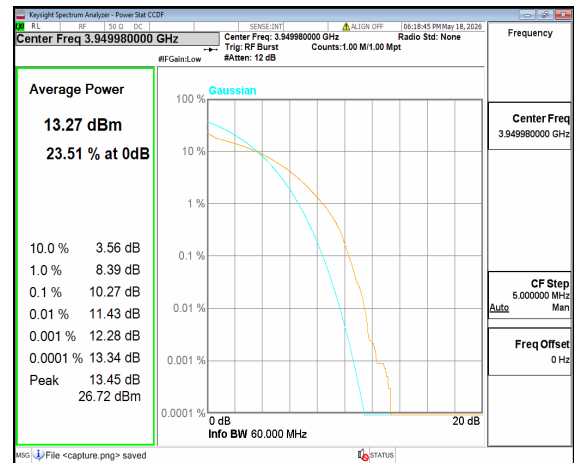
n77(3700-3980MHz) 60M DFT-s-OFDM BPSK
Outer_Full High



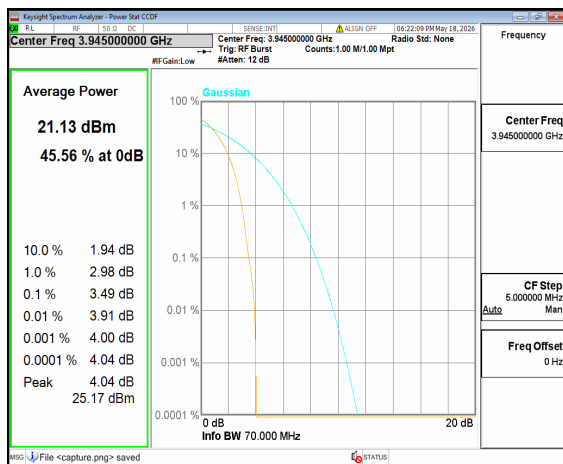
n77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full High



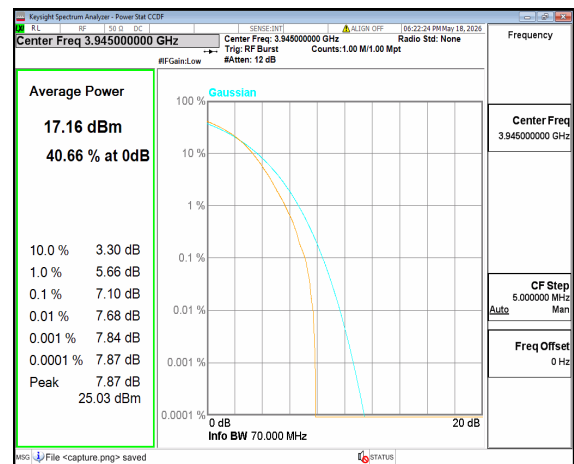
n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full High



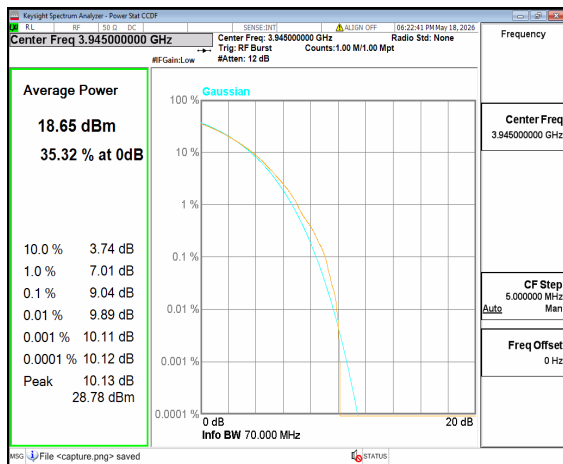
n77(3700-3980MHz) 60M CP-OFDM 256QAM
Outer_Full High



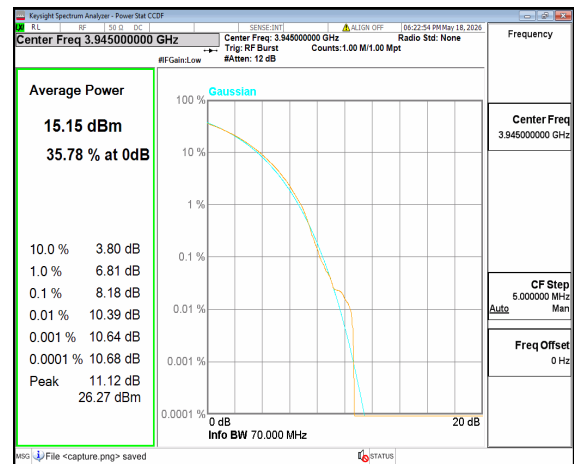
n77(3700-3980MHz) 70M DFT-s-OFDM BPSK
Outer_Full High



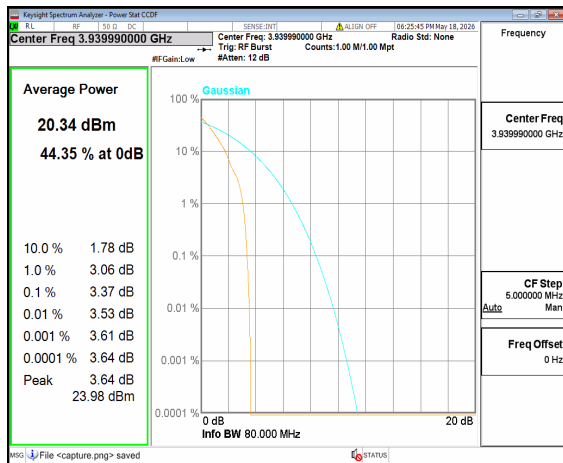
n77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full High



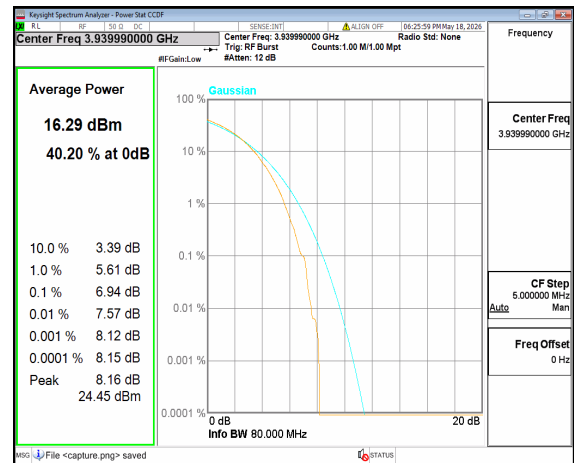
n77(3700-3980MHz) 70M CP-OFDM QPSK
Outer_Full High



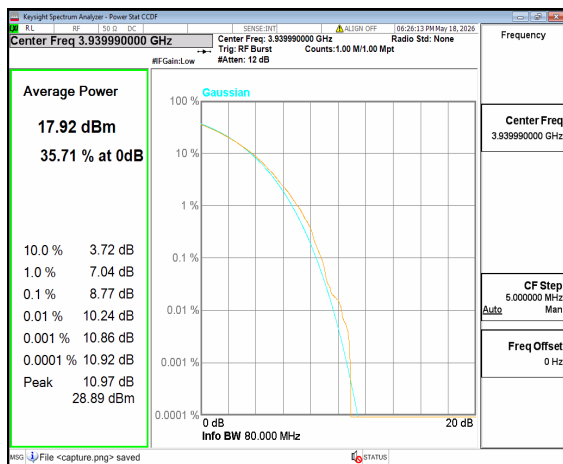
n77(3700-3980MHz) 70M CP-OFDM 256QAM
Outer_Full High



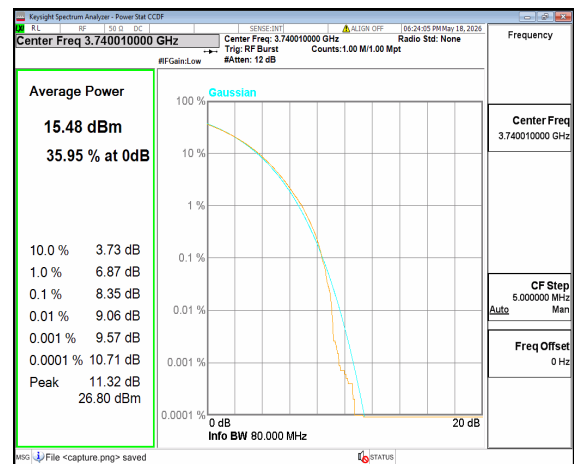
n77(3700-3980MHz) 80M DFT-s-OFDM BPSK
Outer_Full High



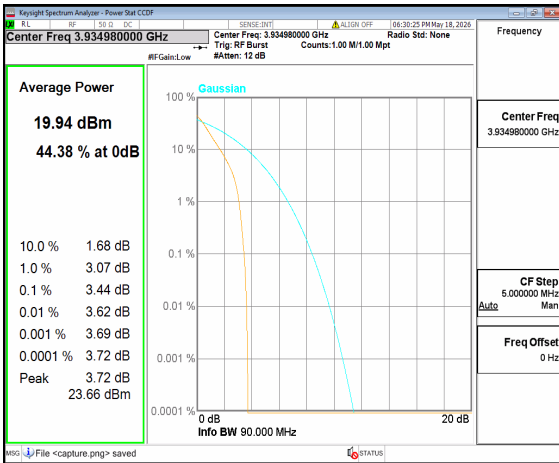
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full High



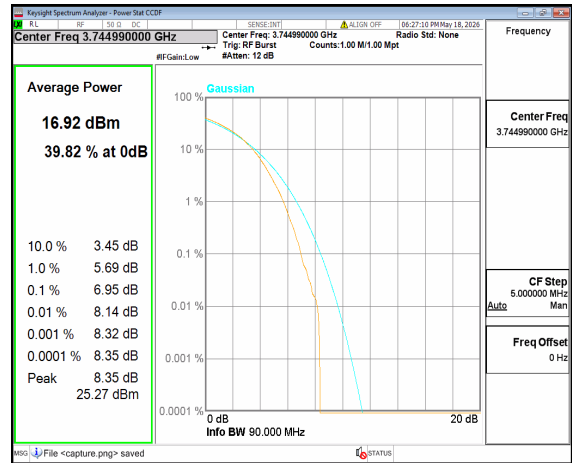
n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full High



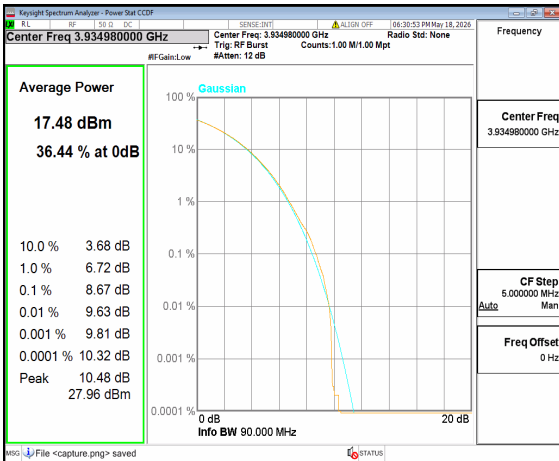
n77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Low



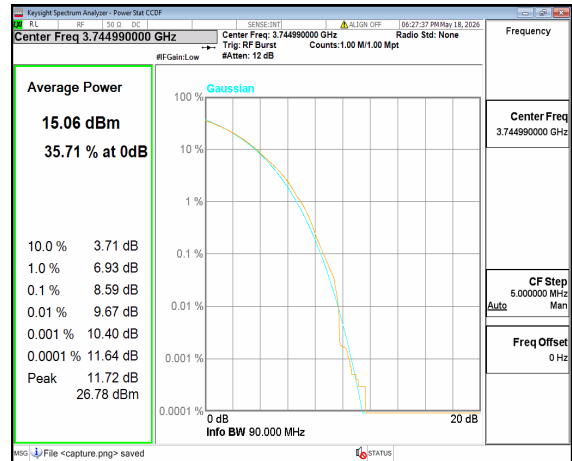
n77(3700-3980MHz) 90M DFT-s-OFDM BPSK
Outer_Full High



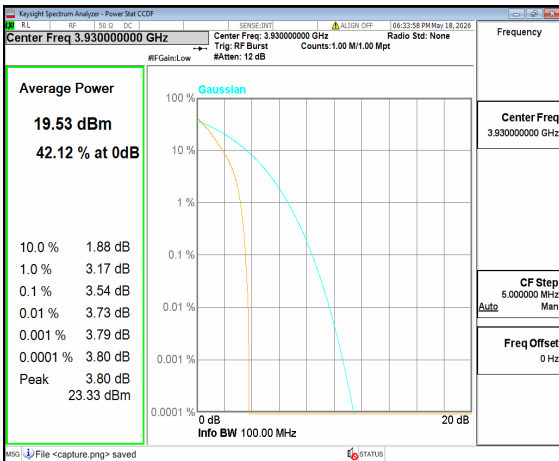
n77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full Low



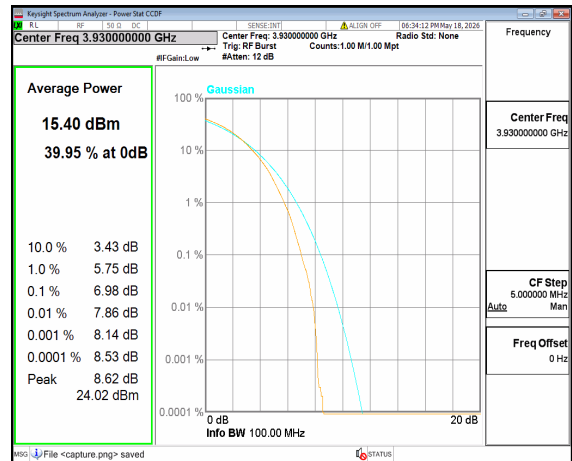
n77(3700-3980MHz) 90M CP-OFDM QPSK
Outer_Full High



n77(3700-3980MHz) 90M CP-OFDM 256QAM
Outer_Full Low



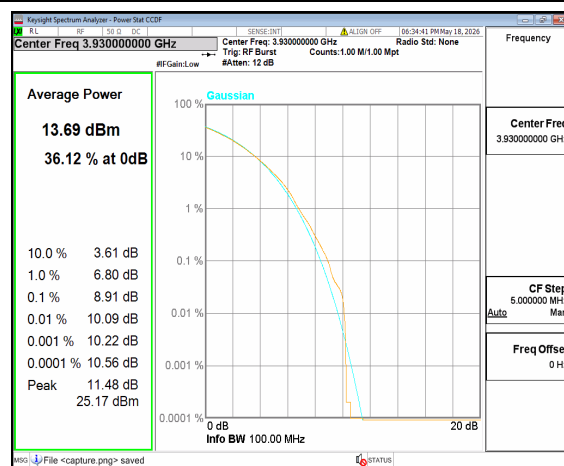
n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full High



n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full High



n77(3700-3980MHz) 100M CP-OFDM QPSK
Outer_Full Low



n77(3700-3980MHz) 100M CP-OFDM 256QAM
Outer_Full High



2.5. Conducted Spurious Emissions

2.5.1. Requirement

According to FCC section 2.1051, section 22.917(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

According to FCC section 24.238(a) for n2, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

Additional to FCC section 22.917(a) for n5, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

According to FCC section 27.53(g) for n71, for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB.

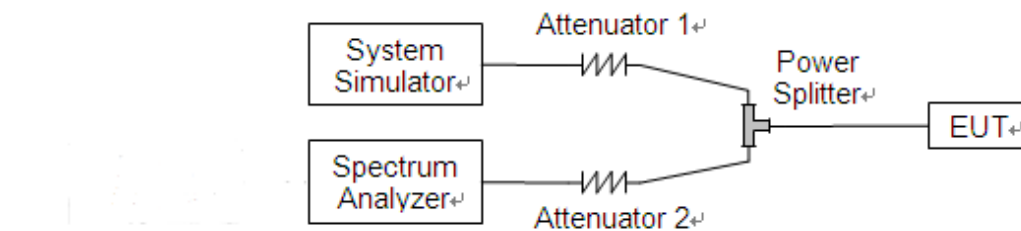
According to FCC section 27.53 for n30, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log(P)$ dB. This calculated to be -40dBm.

According to FCC section 27.53(h) for n66, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

According to FCC section 27.53(l)(2) for n77, for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

According to FCC section 27.53(n)(2) for n77, for mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

2.5.2.Test Description



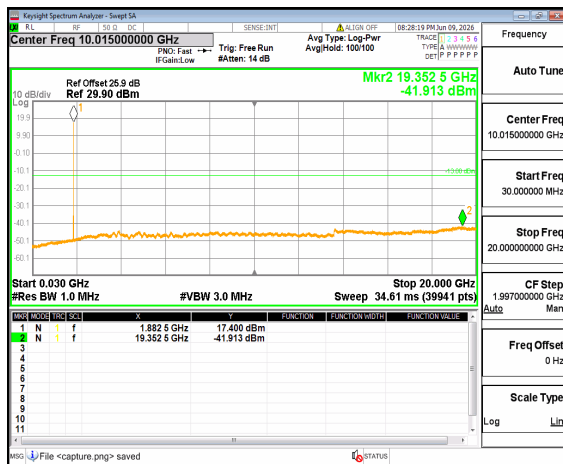
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.5.3.Test procedure

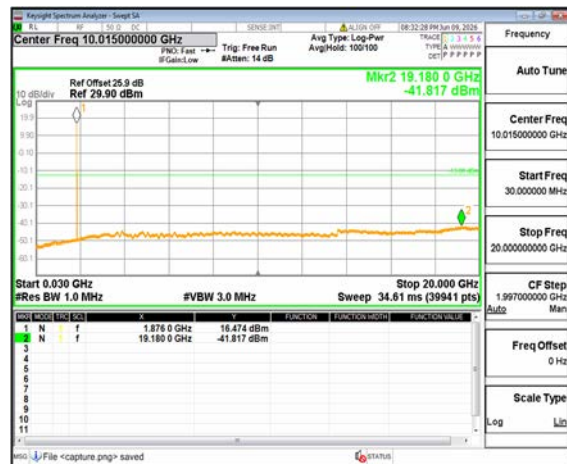
KDB 971168 D01v03 Section 6.0, ANSI/TIA-603-E-2016 and ANSI C63.26-2015 Section 5.7.

2.5.4.Test Result

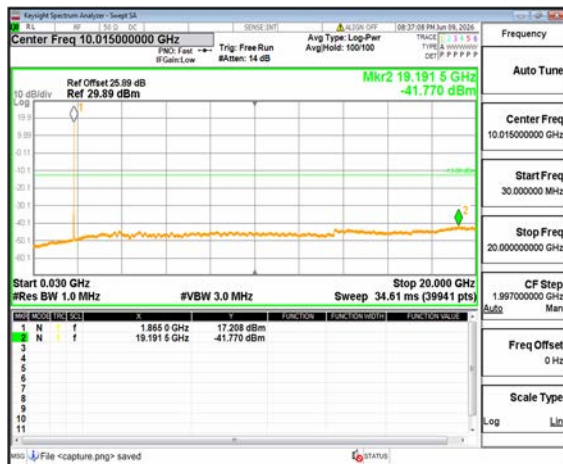
Note: In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode, SA mode is selected to test all test cases.



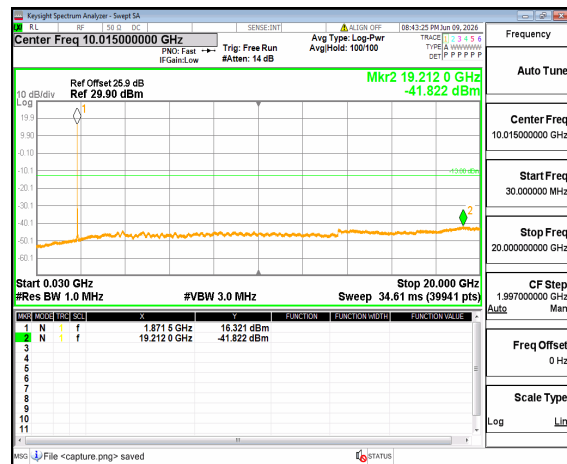
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



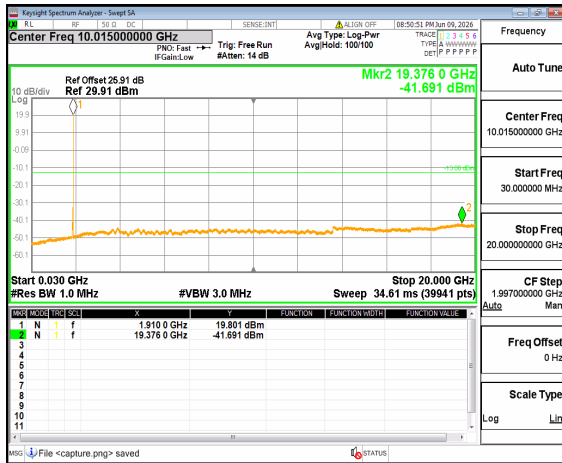
n2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Mid



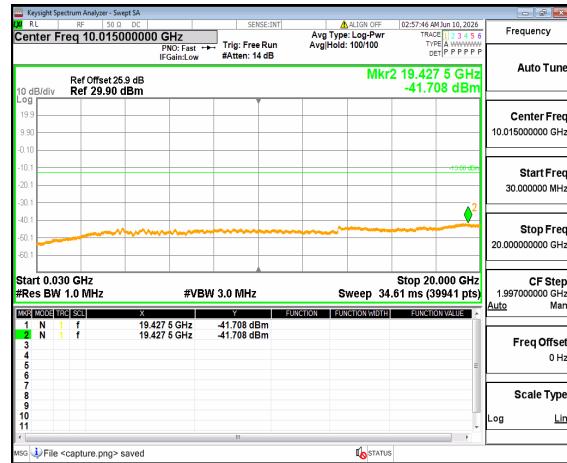
n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Low



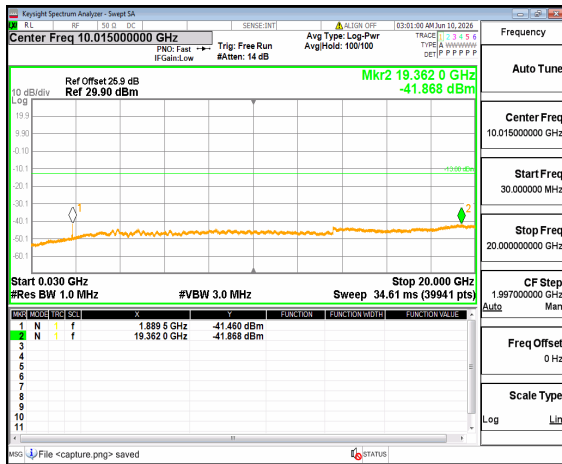
n2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Left Mid



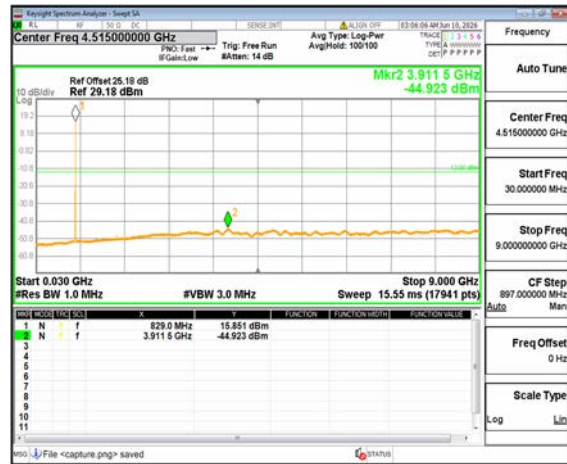
n2 (30MHz-20GHz) 25M DFT-s-OFDM
QPSK Inner_1RB_Right High



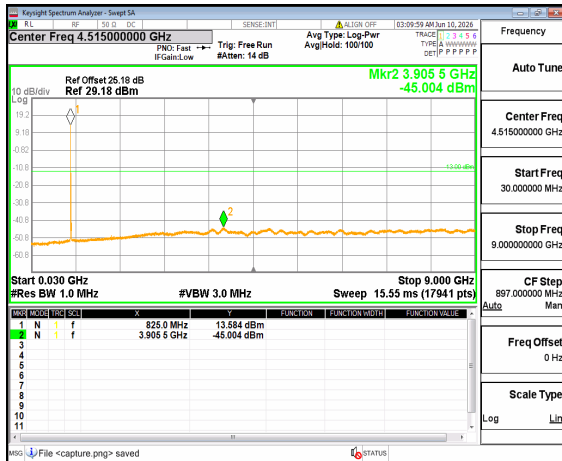
n2 (30MHz-20GHz) 30M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



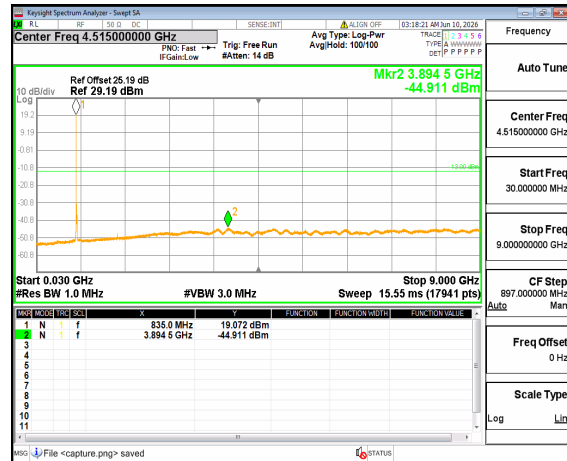
n2 (30MHz-20GHz) 40M DFT-s-OFDM
QPSK Inner_1RB_Right Low



n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Low



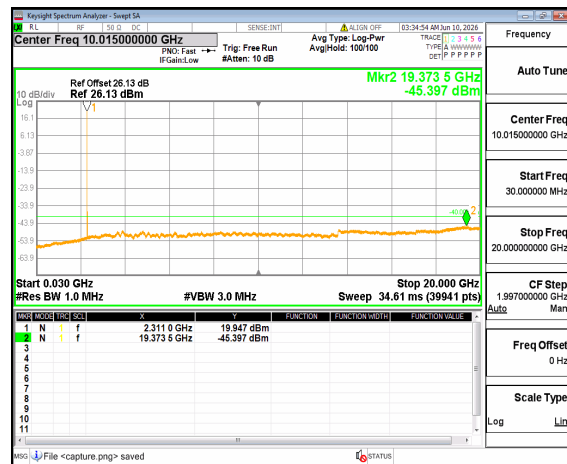
n5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Low



n5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Left High



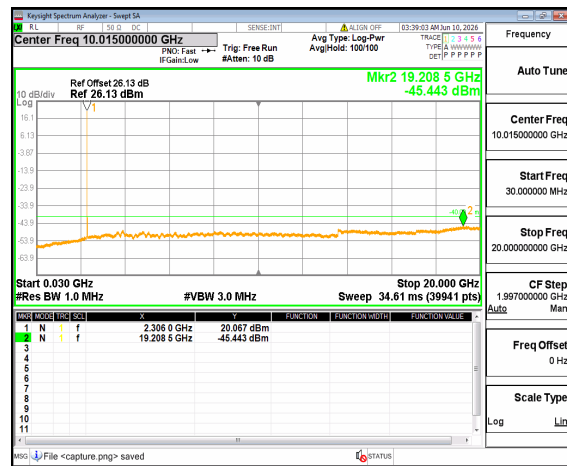
n5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Low



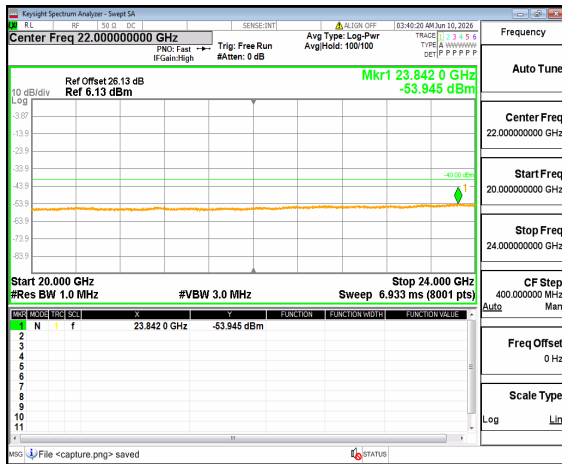
n30 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left High



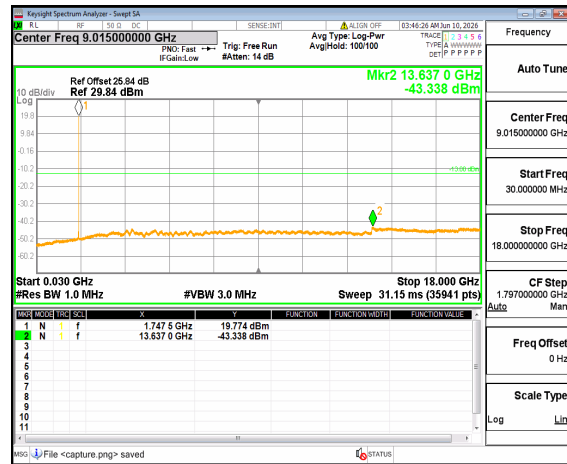
n30 (20GHz-24GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left High



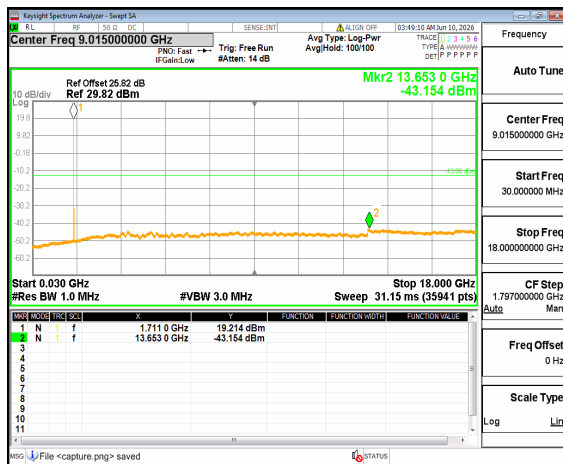
n30 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



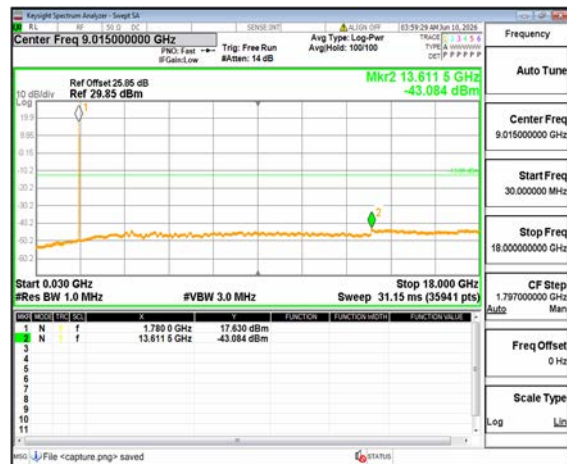
n30 (20GHz-24GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



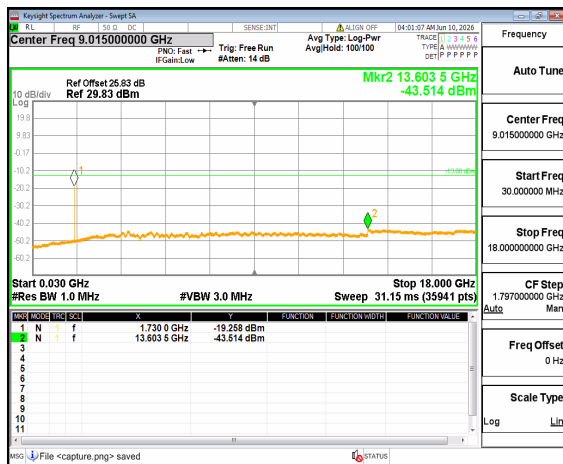
n66 (30MHz-18GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



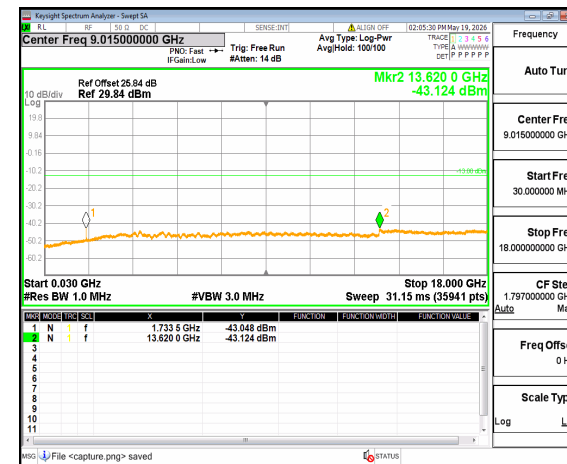
n66 (30MHz-18GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Low



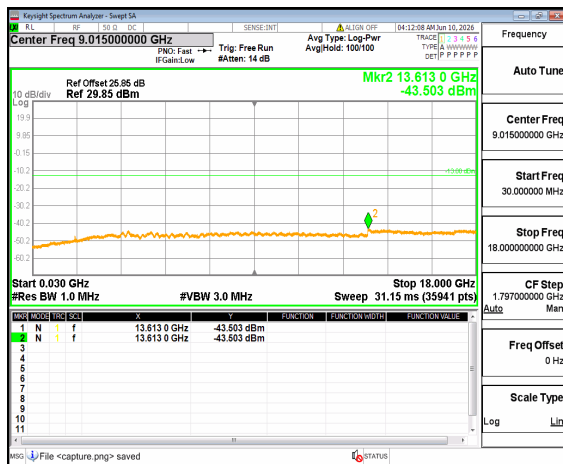
n66 (30MHz-18GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right High



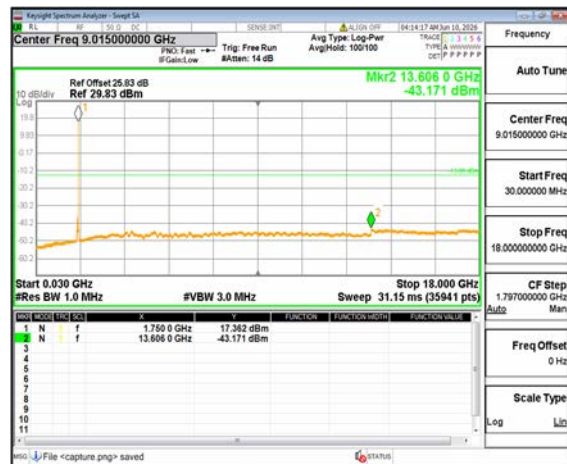
n66 (30MHz-18GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right Low



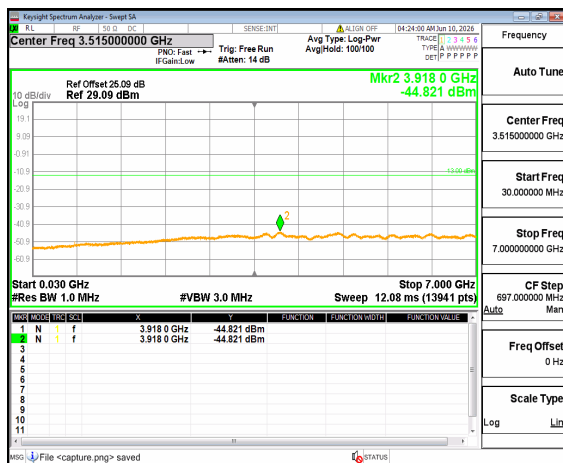
n66 (30MHz-18GHz) 25M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



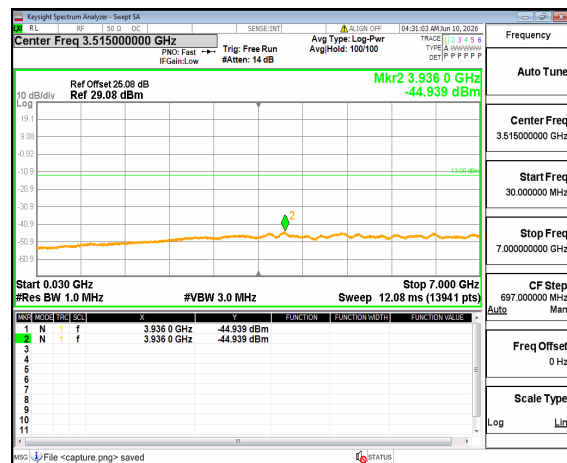
n66 (30MHz-18GHz) 30M DFT-s-OFDM
QPSK Inner_1RB_Right High



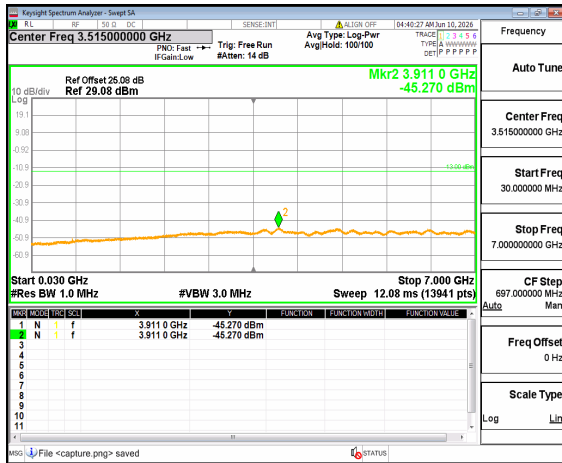
n66 (30MHz-18GHz) 40M DFT-s-OFDM
QPSK Inner_1RB_Right Low



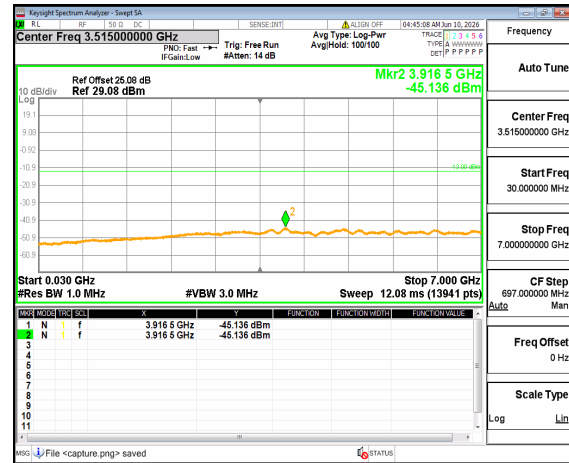
n71 (30MHz-7GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right High



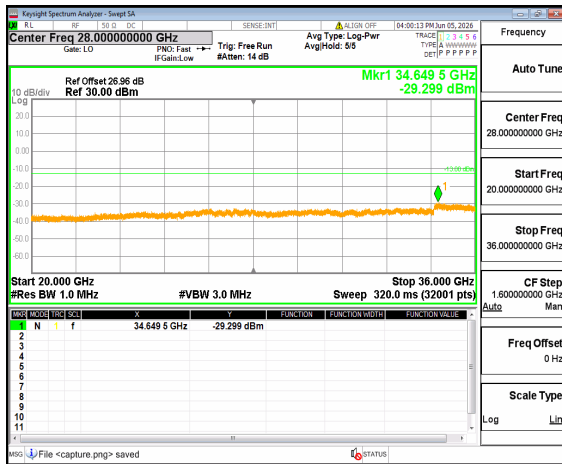
n71 (30MHz-7GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



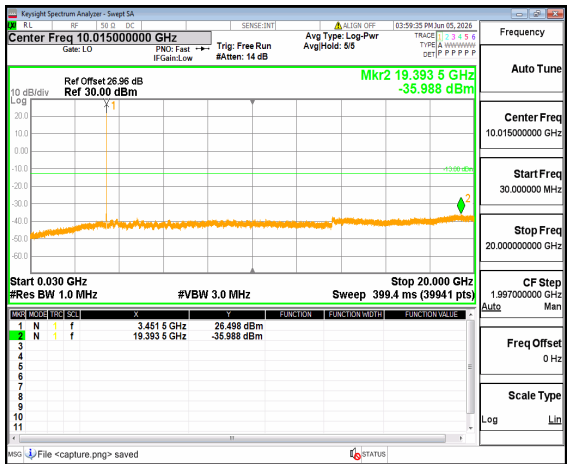
n71 (30MHz-7GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



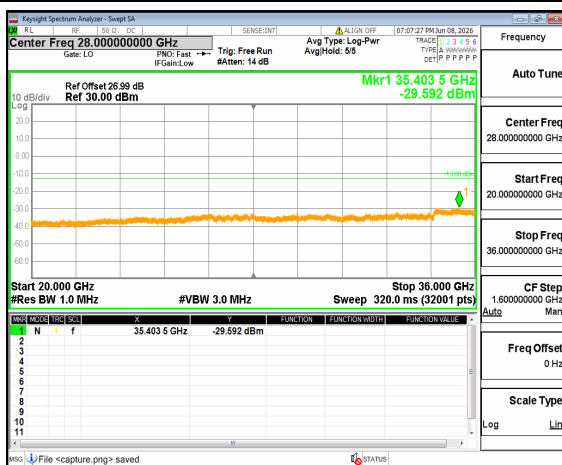
n71 (30MHz-7GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



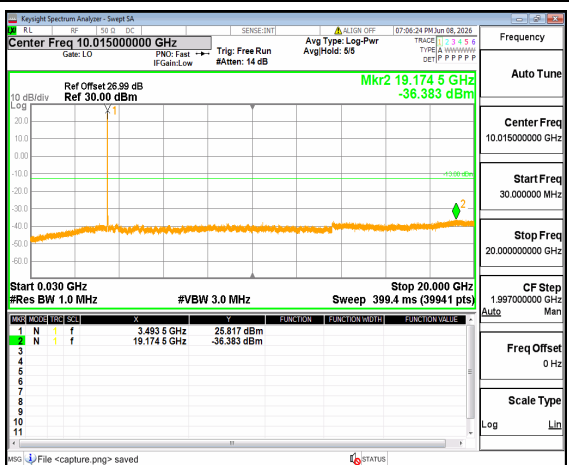
n77(3450-3550MHz) (20GHz-36GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Left Low



n77(3450-3550MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Left Low



n77(3450-3550MHz) (20GHz-36GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Left Mid

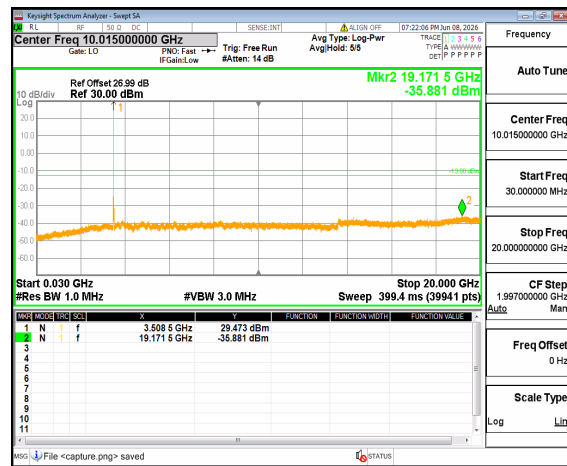


n77(3450-3550MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Left Mid

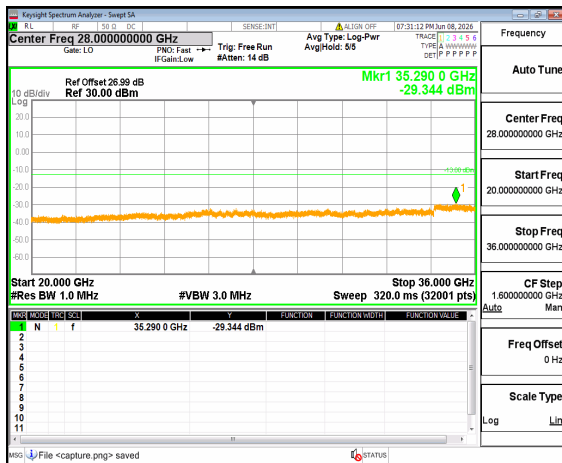




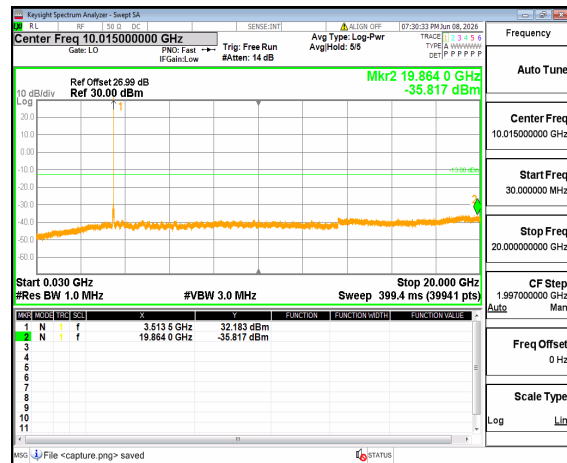
n77(3450-3550MHz) (20GHz-36GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



n77(3450-3550MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



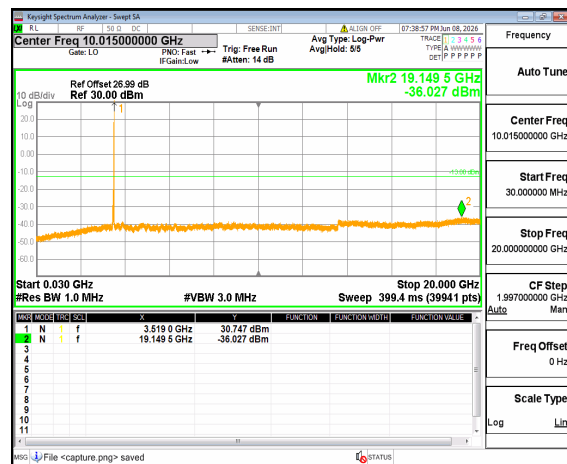
n77(3450-3550MHz) (20GHz-36GHz) 30M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



n77(3450-3550MHz) (30MHz-20GHz) 30M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



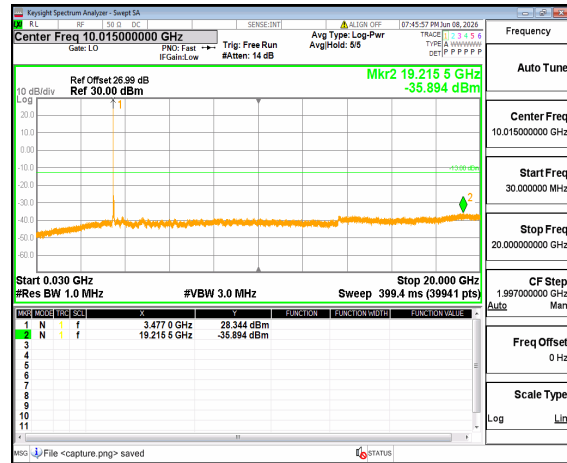
n77(3450-3550MHz) (20GHz-36GHz) 40M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



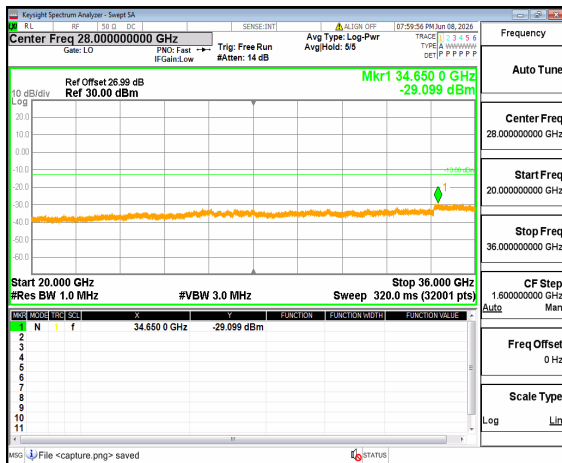
n77(3450-3550MHz) (30MHz-20GHz) 40M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



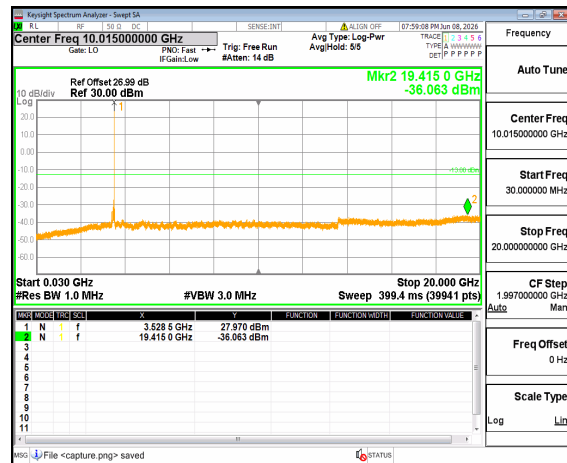
n77(3450-3550MHz) (20GHz-36GHz) 50M
DFT-s-OFDM QPSK Inner_1RB_Left Mid



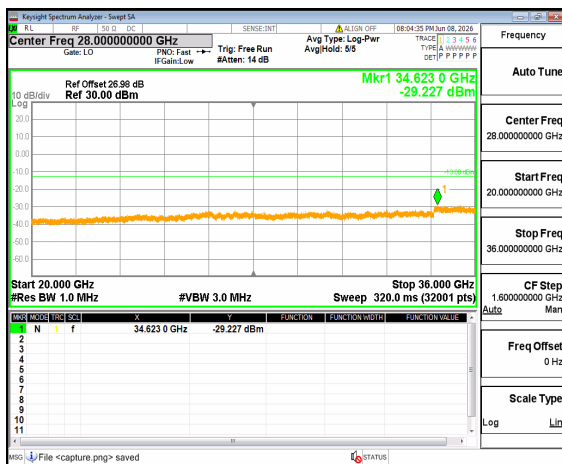
n77(3450-3550MHz) (30MHz-20GHz) 50M
DFT-s-OFDM QPSK Inner_1RB_Left Mid



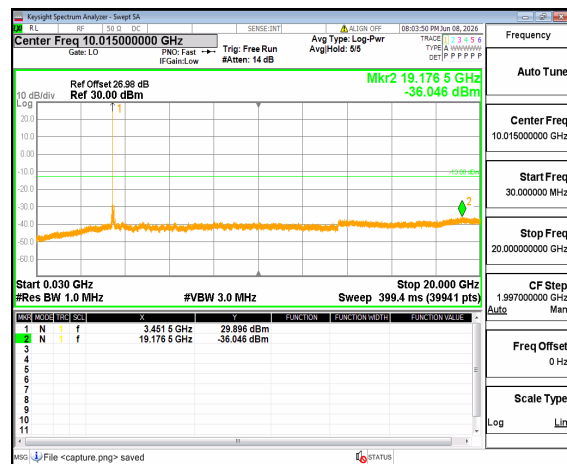
n77(3450-3550MHz) (20GHz-36GHz) 60M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



n77(3450-3550MHz) (30MHz-20GHz) 60M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



n77(3450-3550MHz) (20GHz-36GHz) 70M
DFT-s-OFDM QPSK Inner_1RB_Left Low



n77(3450-3550MHz) (30MHz-20GHz) 70M
DFT-s-OFDM QPSK Inner_1RB_Left Low

