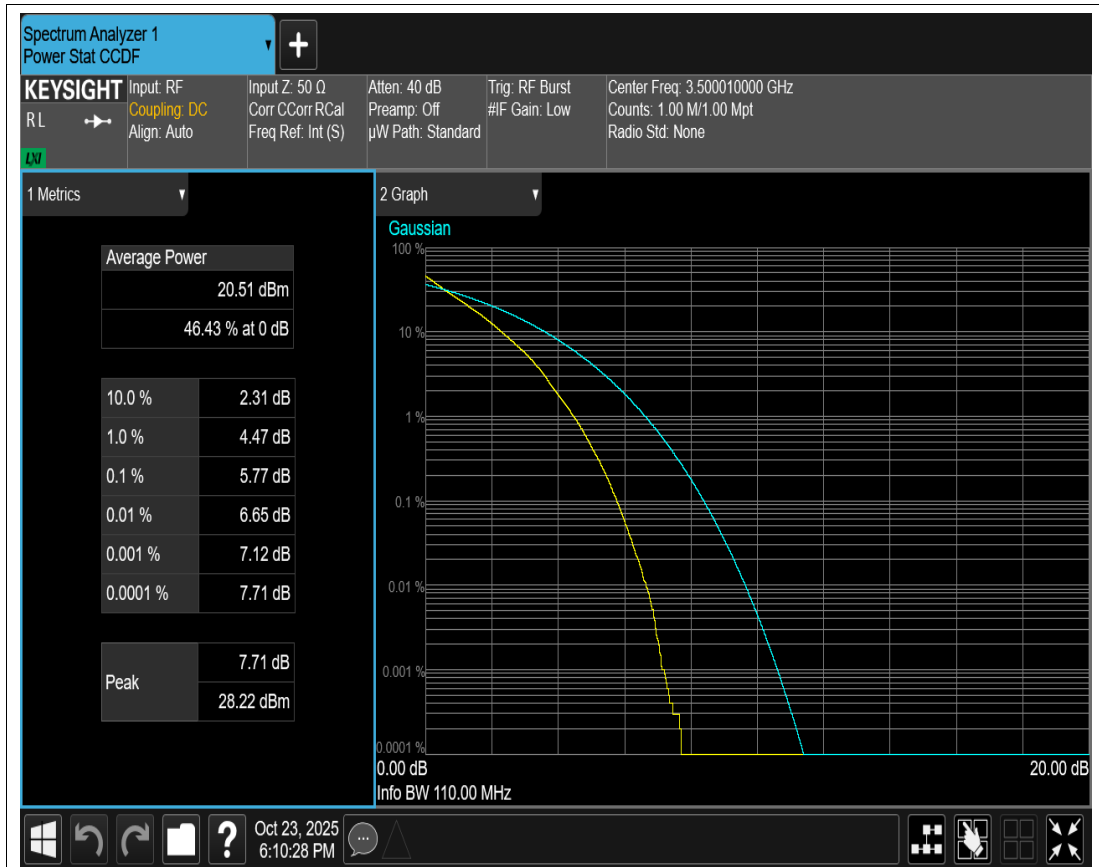
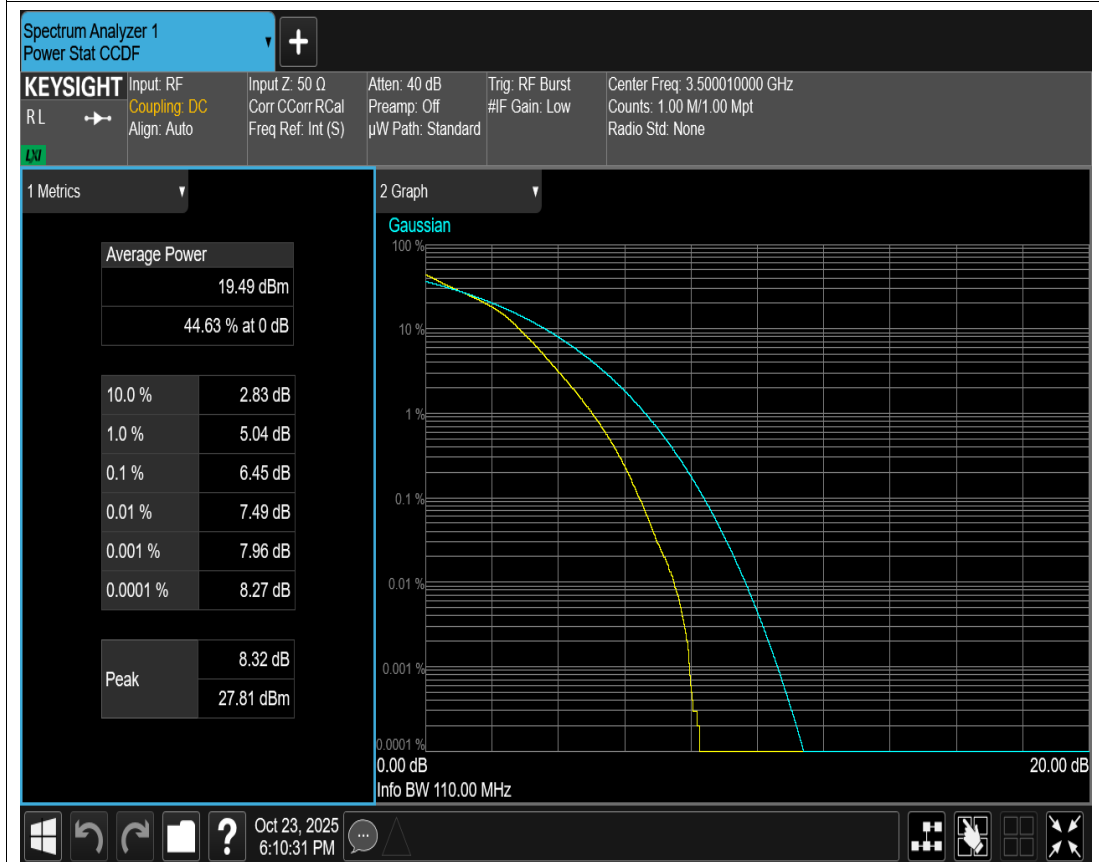
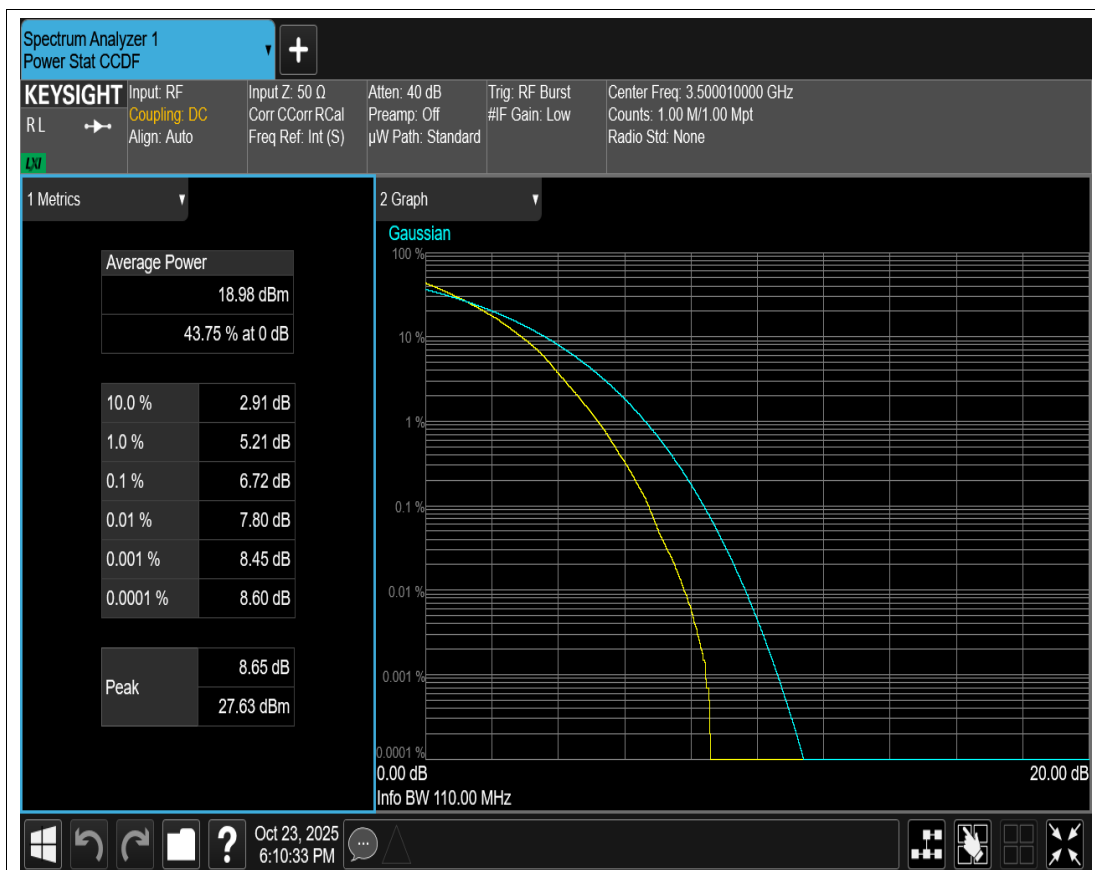




n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



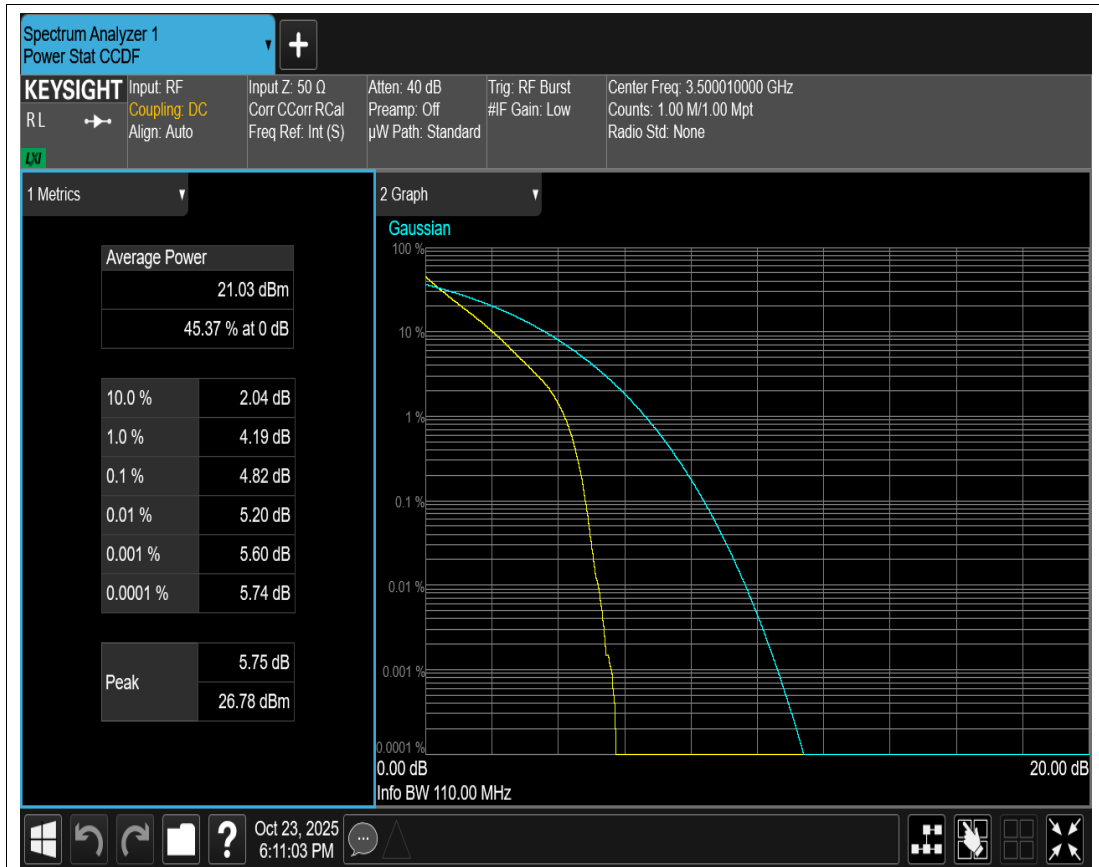
n78(3450-3550) SCS=30kHz DFT_16QAM BW=40MHz Channel=633334 RB=100@0



n78(3450-3550) SCS=30kHz DFT_64QAM BW=40MHz Channel=633334 RB=100@0



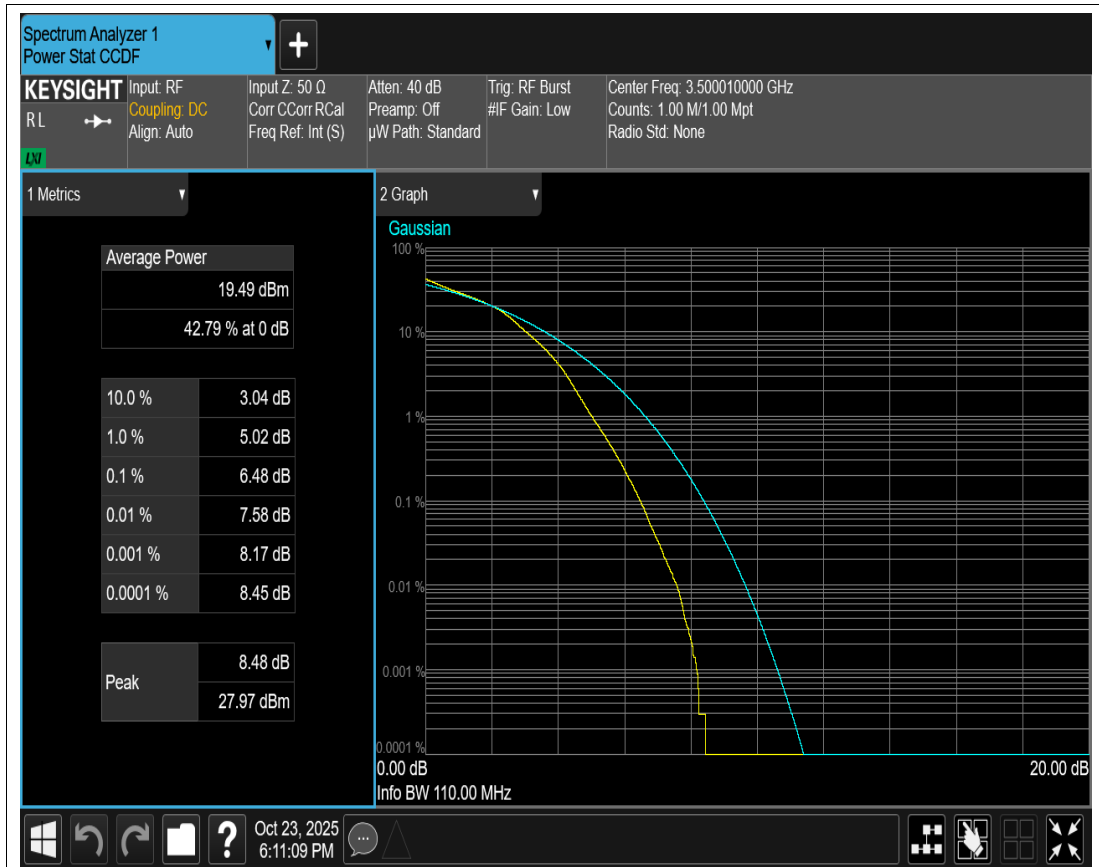
n78(3450-3550) SCS=30kHz DFT_256QAM BW=40MHz Channel=633334 RB=100@0



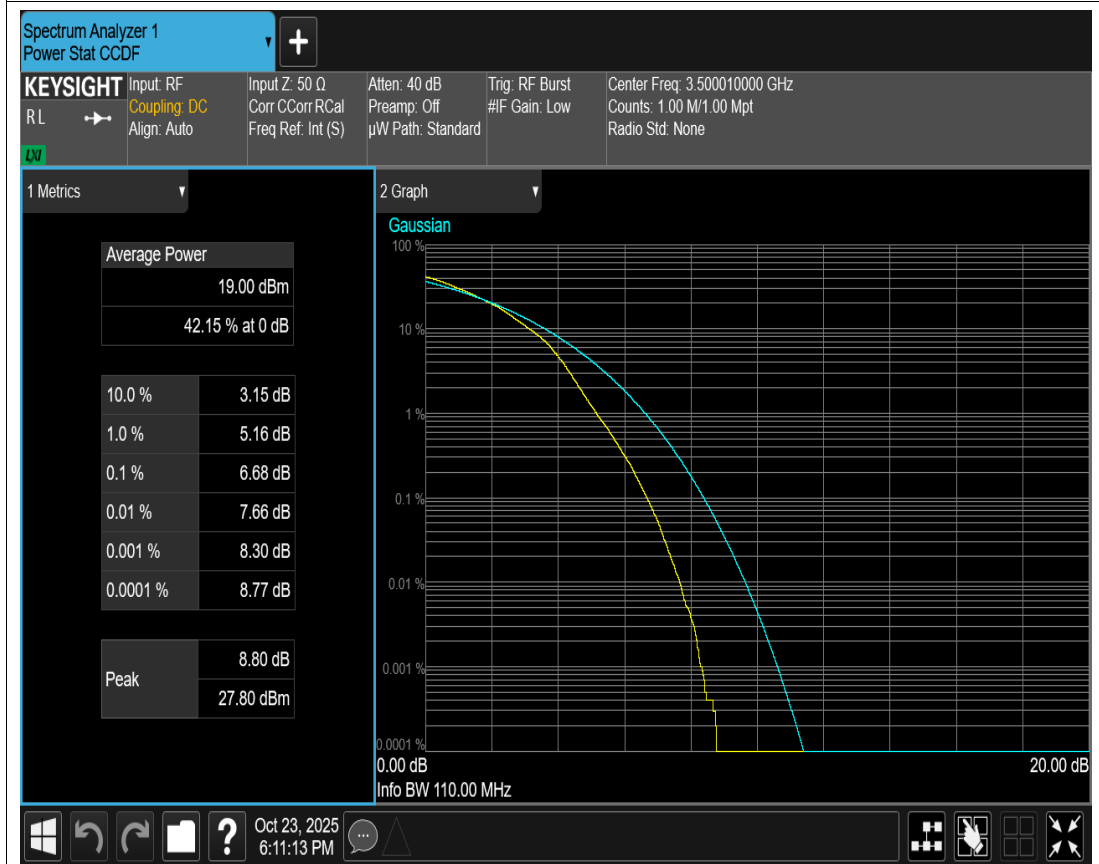
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



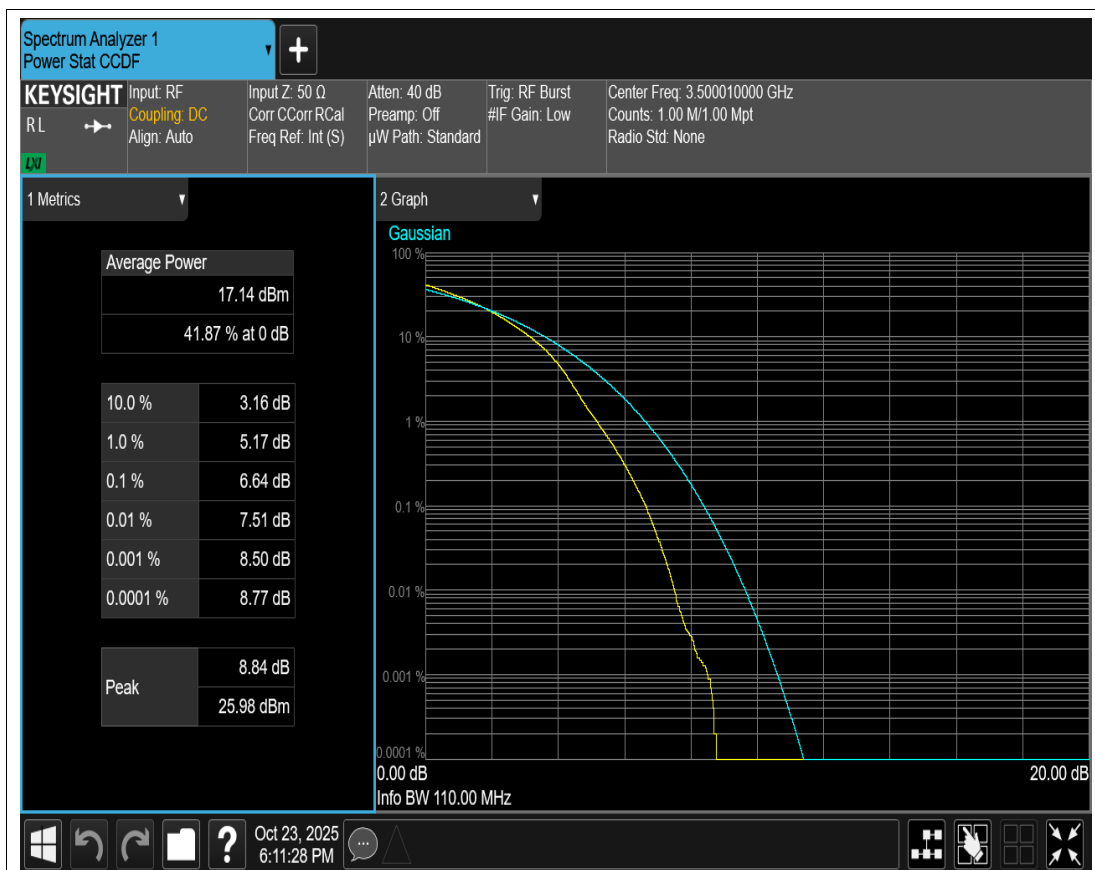
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



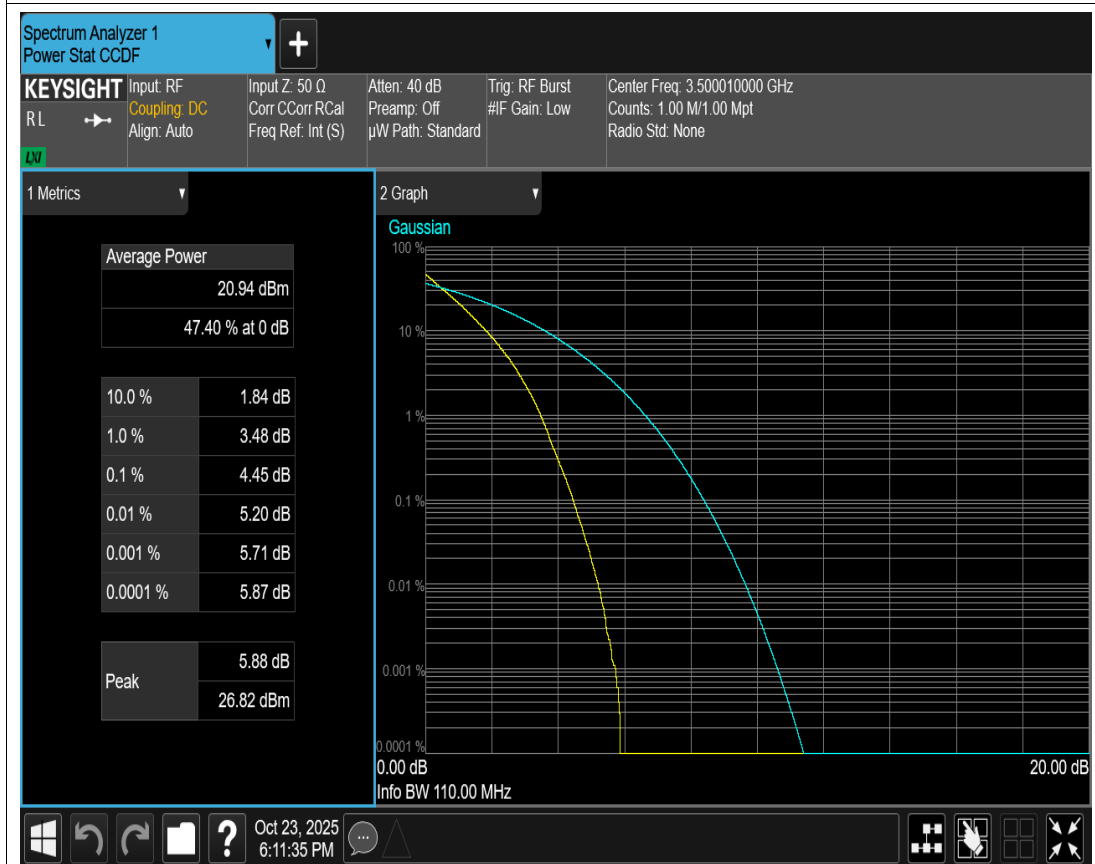
n78(3450-3550) SCS=30kHz DFT_16QAM BW=50MHz Channel=633334 RB=128@0



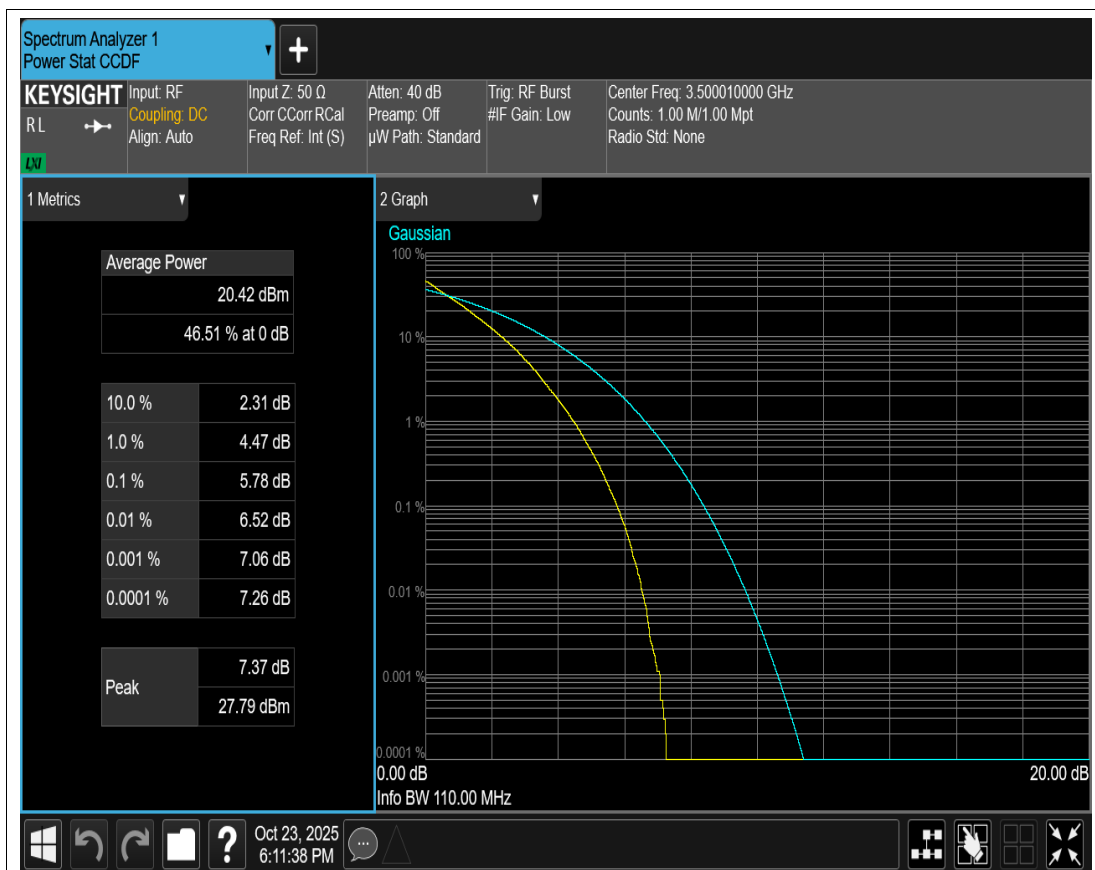
n78(3450-3550) SCS=30kHz DFT_64QAM BW=50MHz Channel=633334 RB=128@0



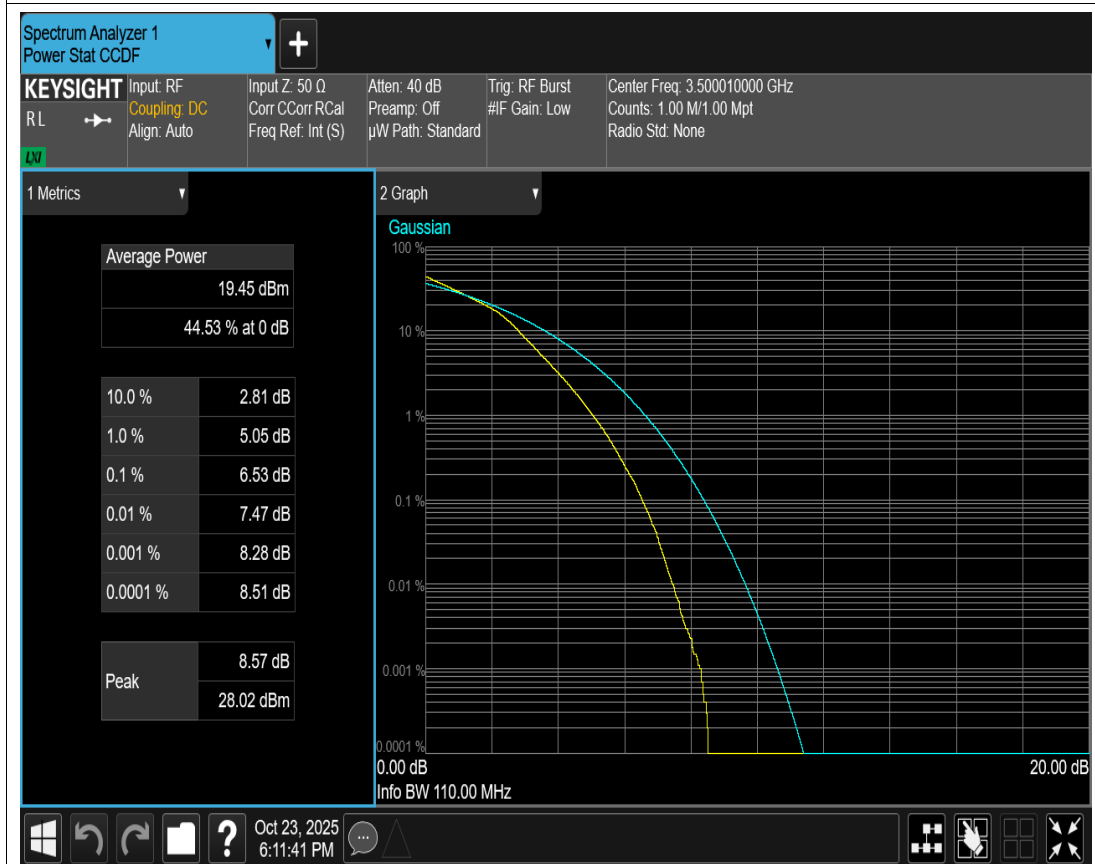
n78(3450-3550) SCS=30kHz DFT_256QAM BW=50MHz Channel=633334 RB=128@0



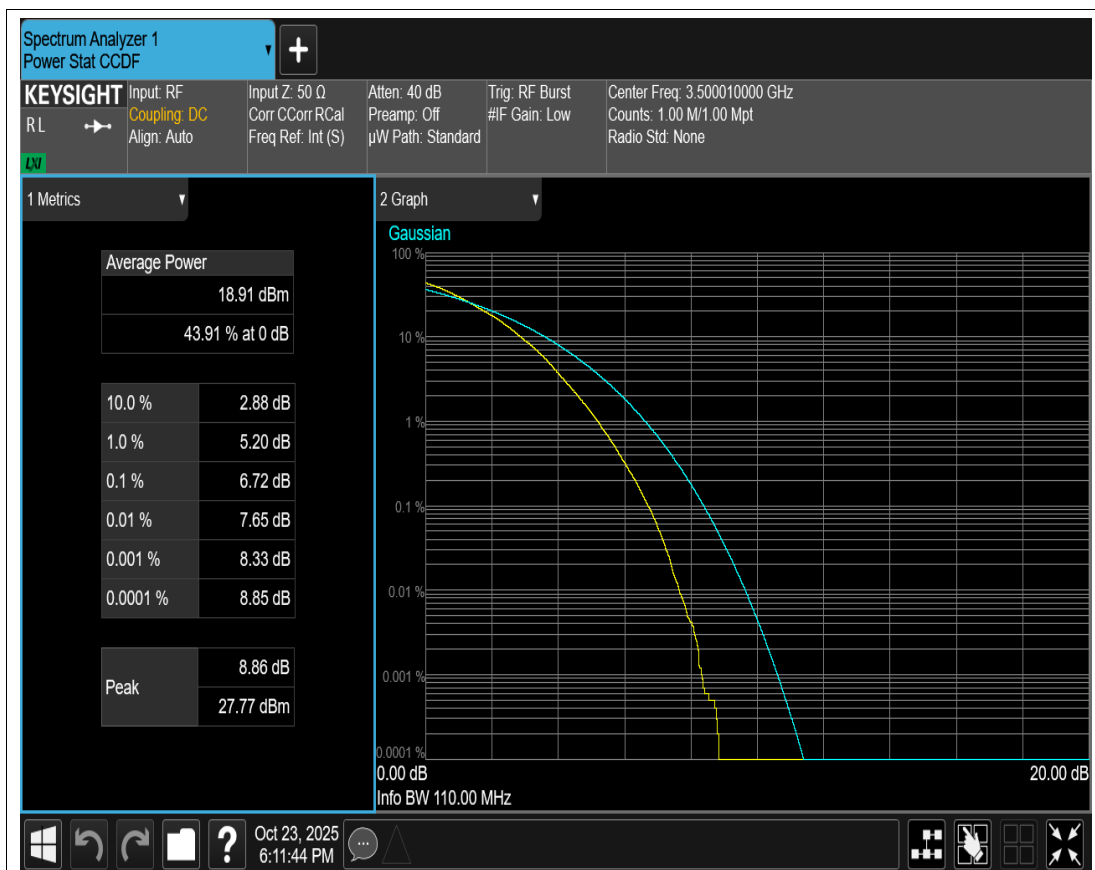
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



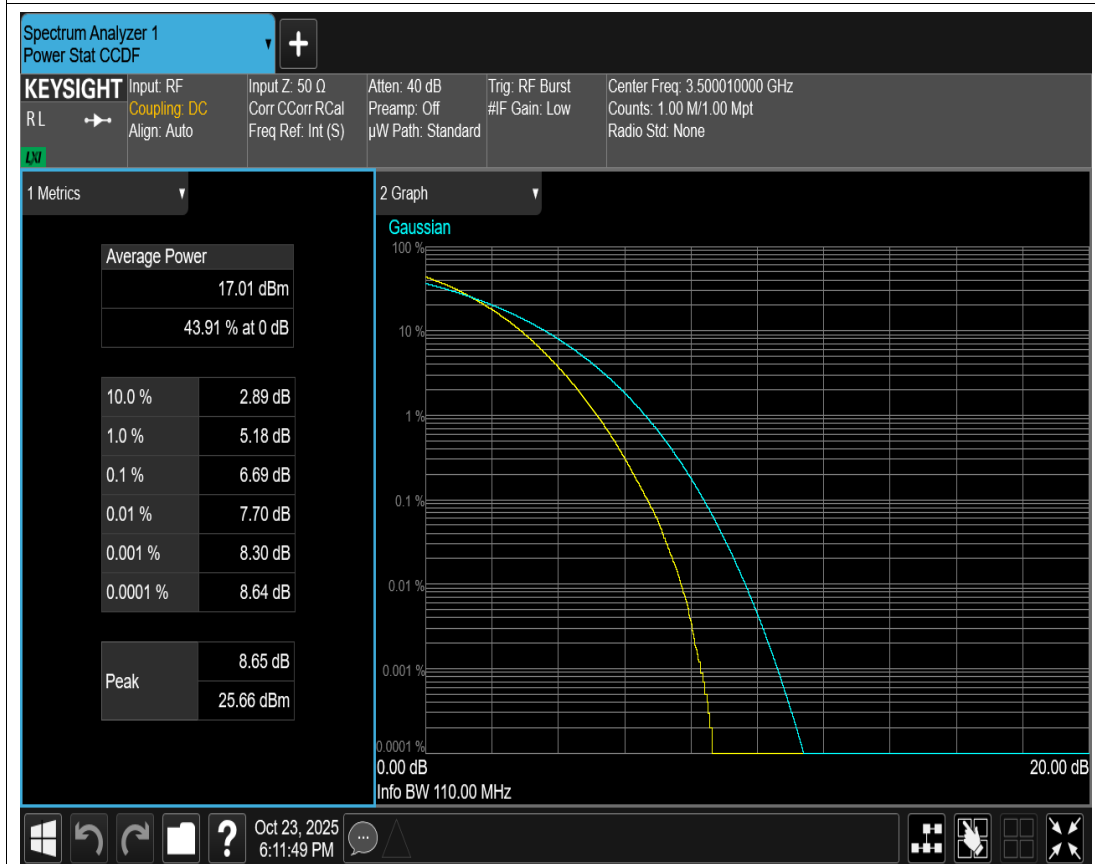
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



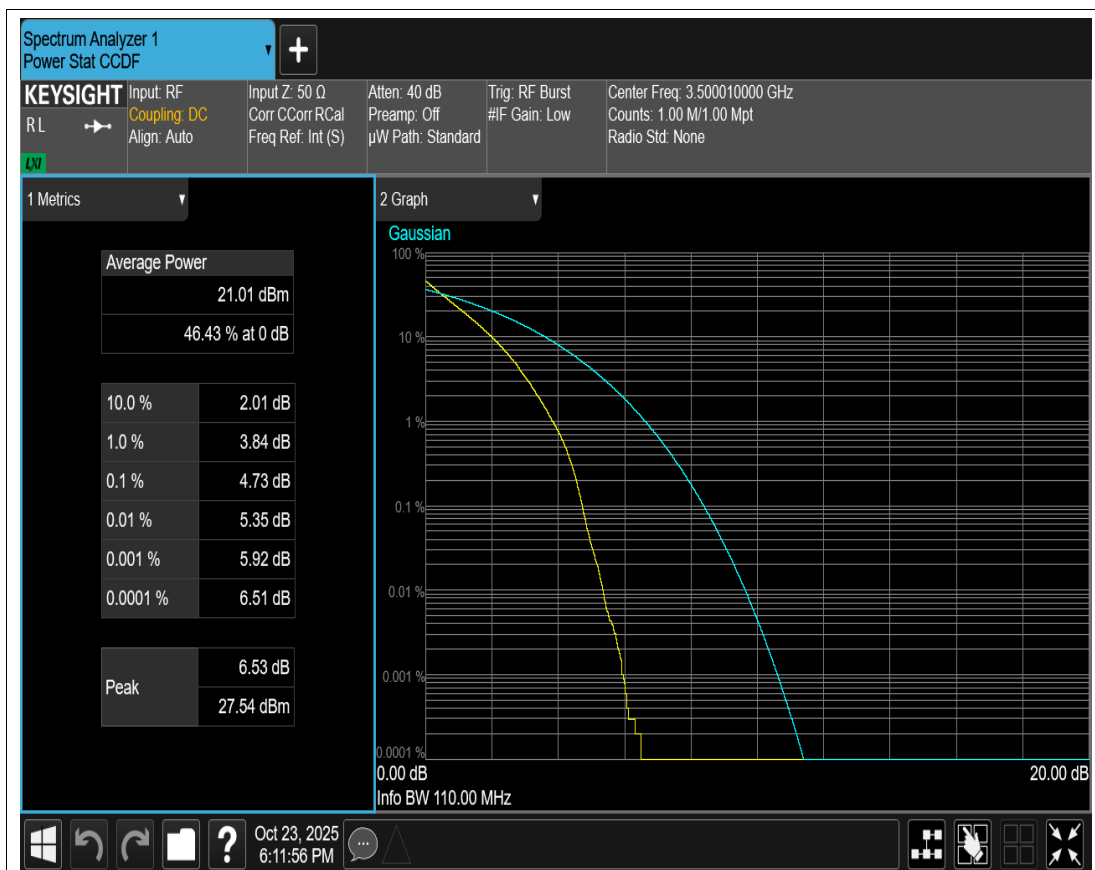
n78(3450-3550) SCS=30kHz DFT_16QAM BW=60MHz Channel=633334 RB=162@0



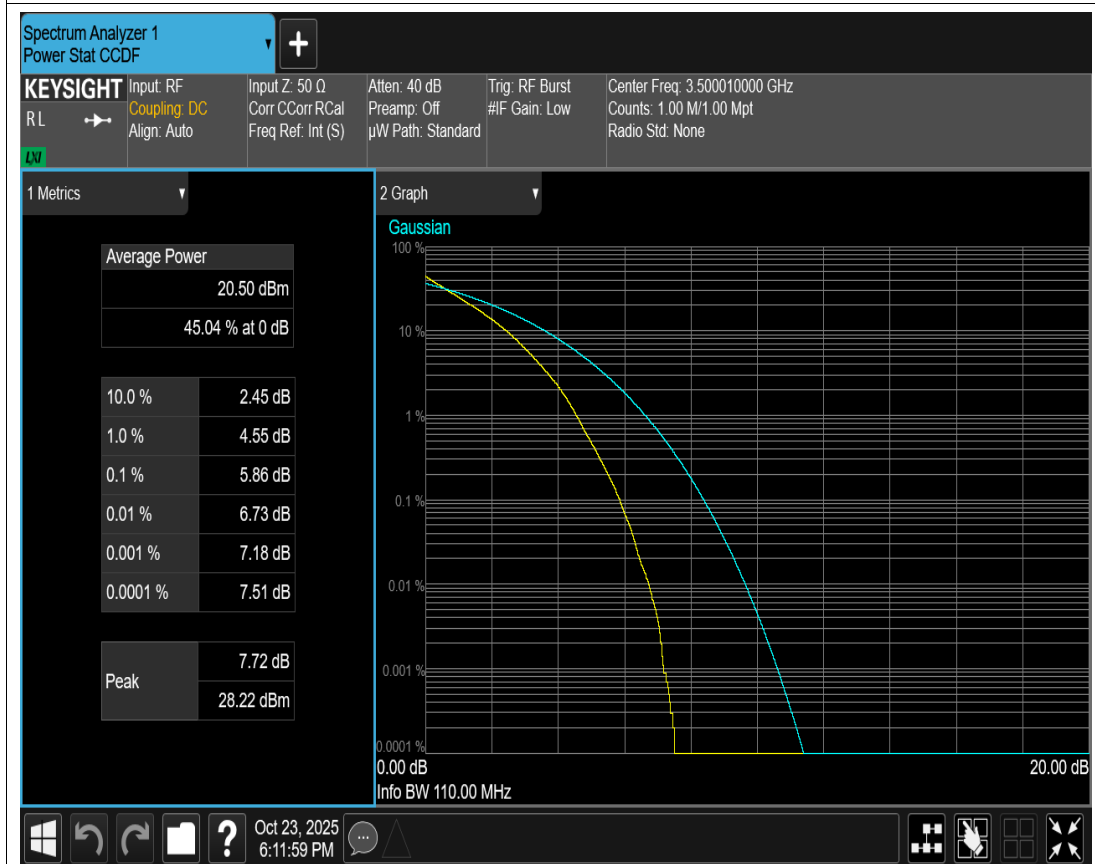
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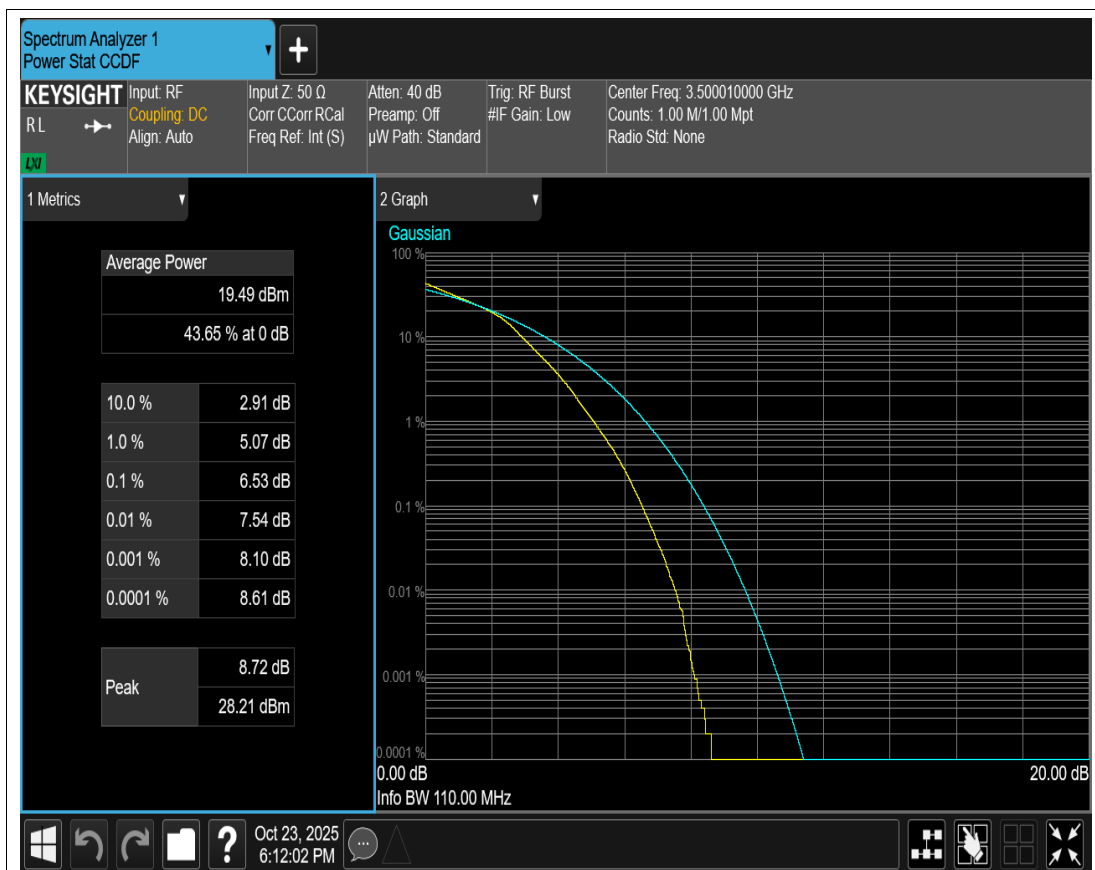
n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



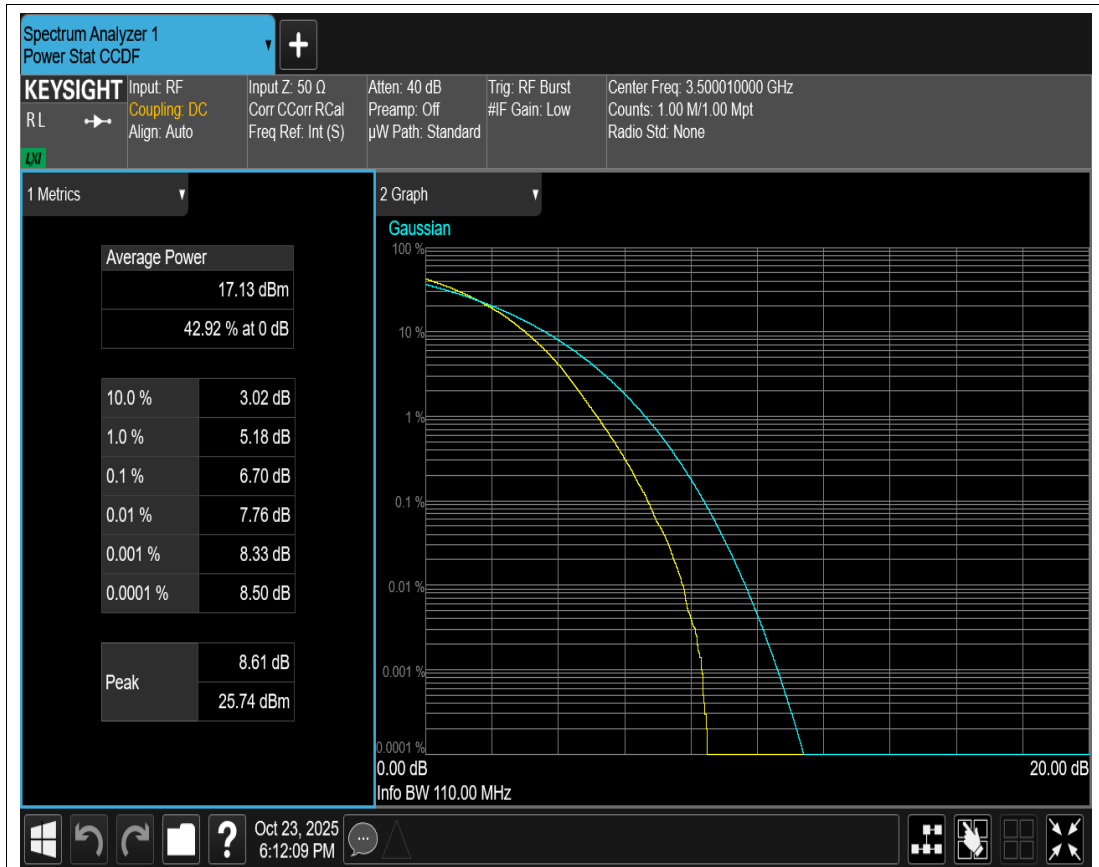
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=180@0



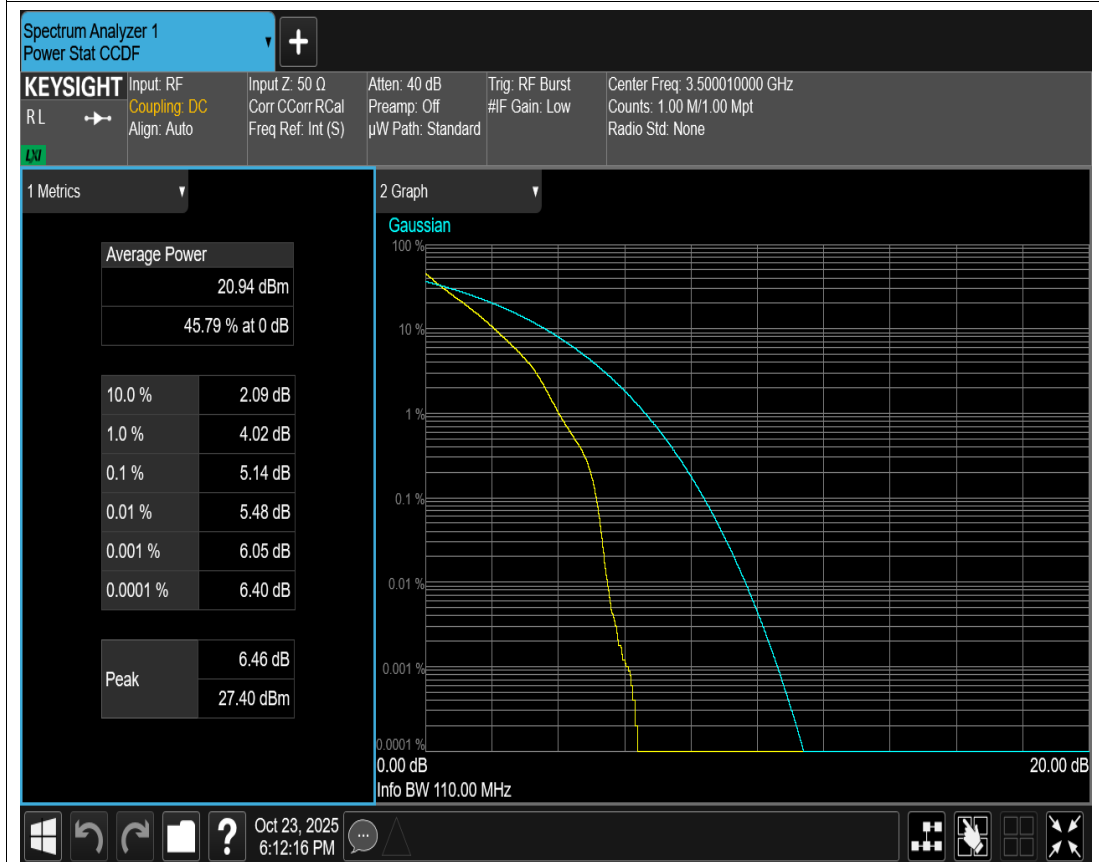
n78(3450-3550) SCS=30kHz DFT_16QAM BW=70MHz Channel=633334 RB=180@0



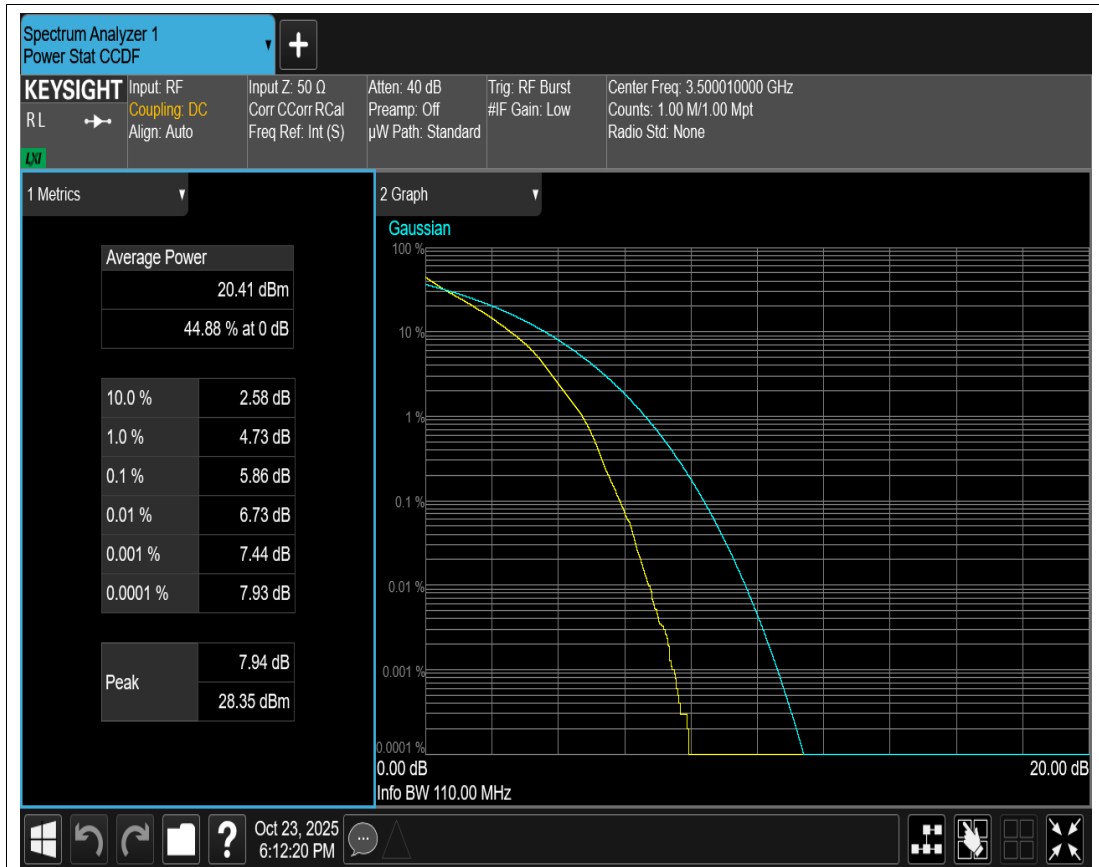
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz Channel=633334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz Channel=633334 RB=180@0



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



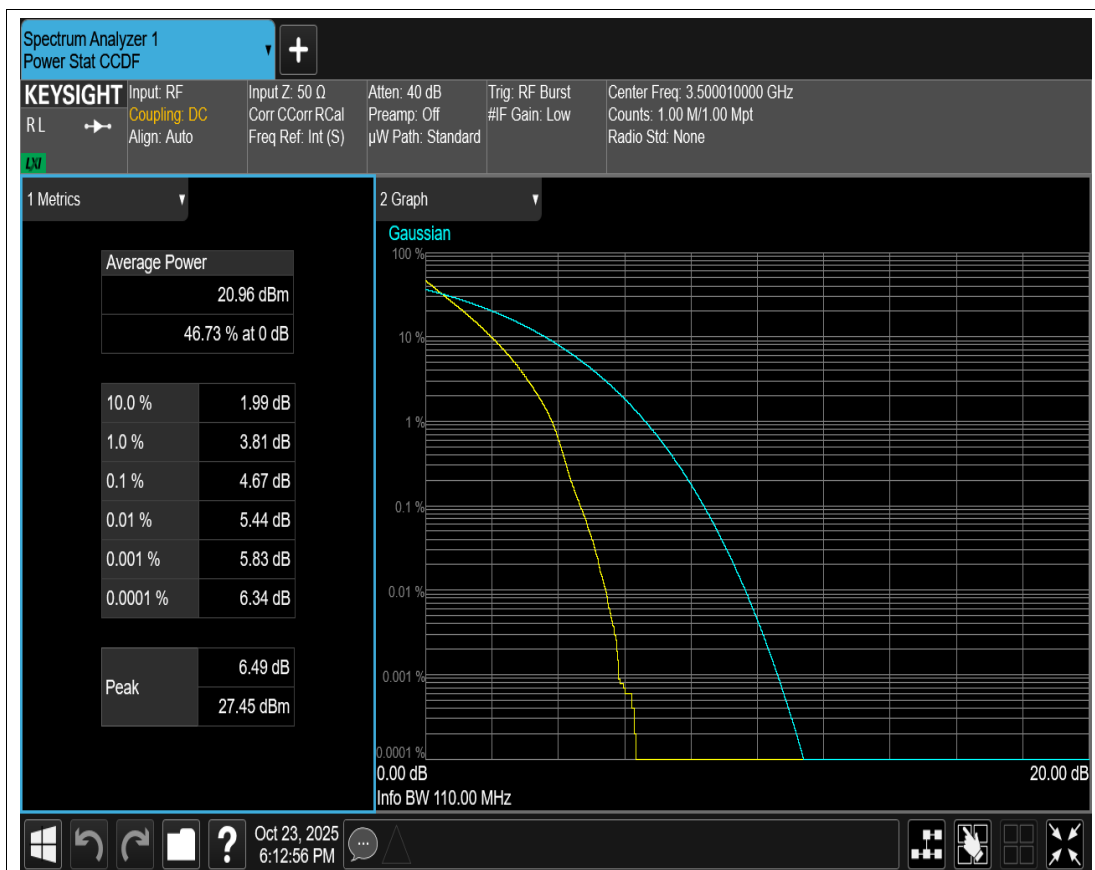
n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz Channel=633334 RB=216@0



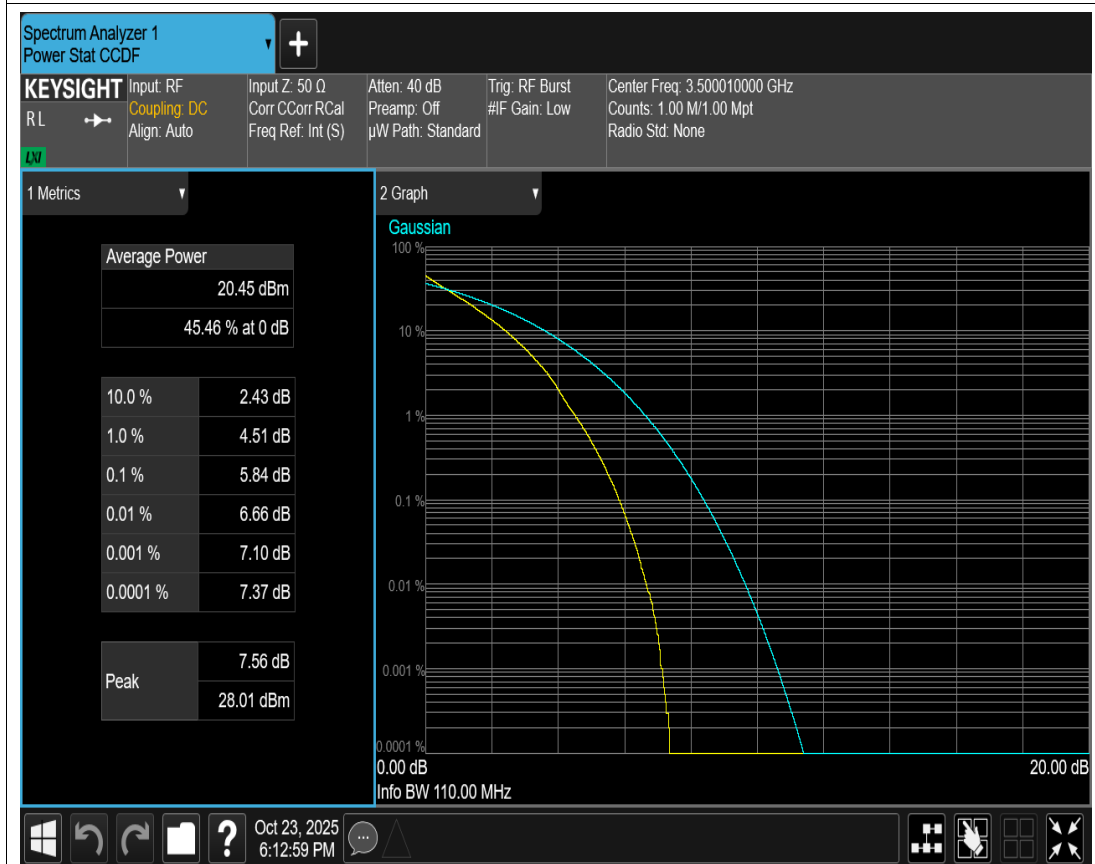
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz Channel=633334 RB=216@0



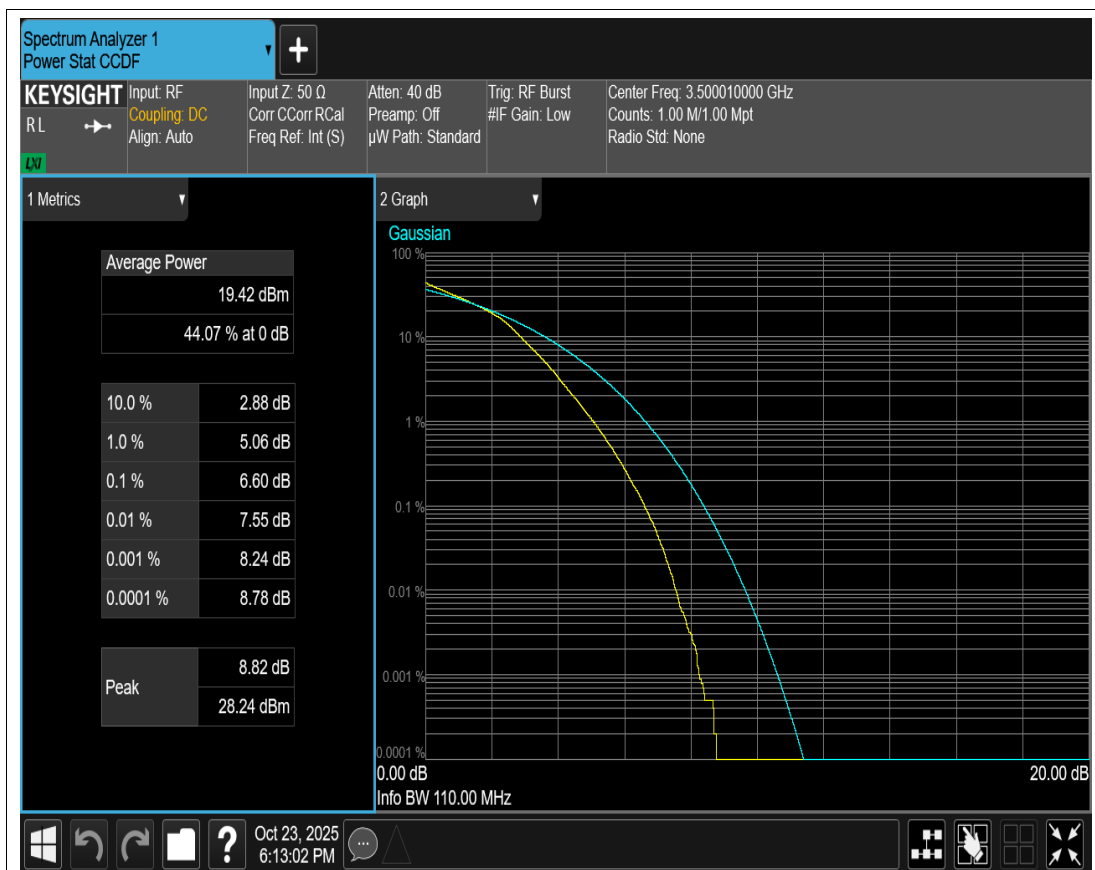
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz Channel=633334 RB=216@0



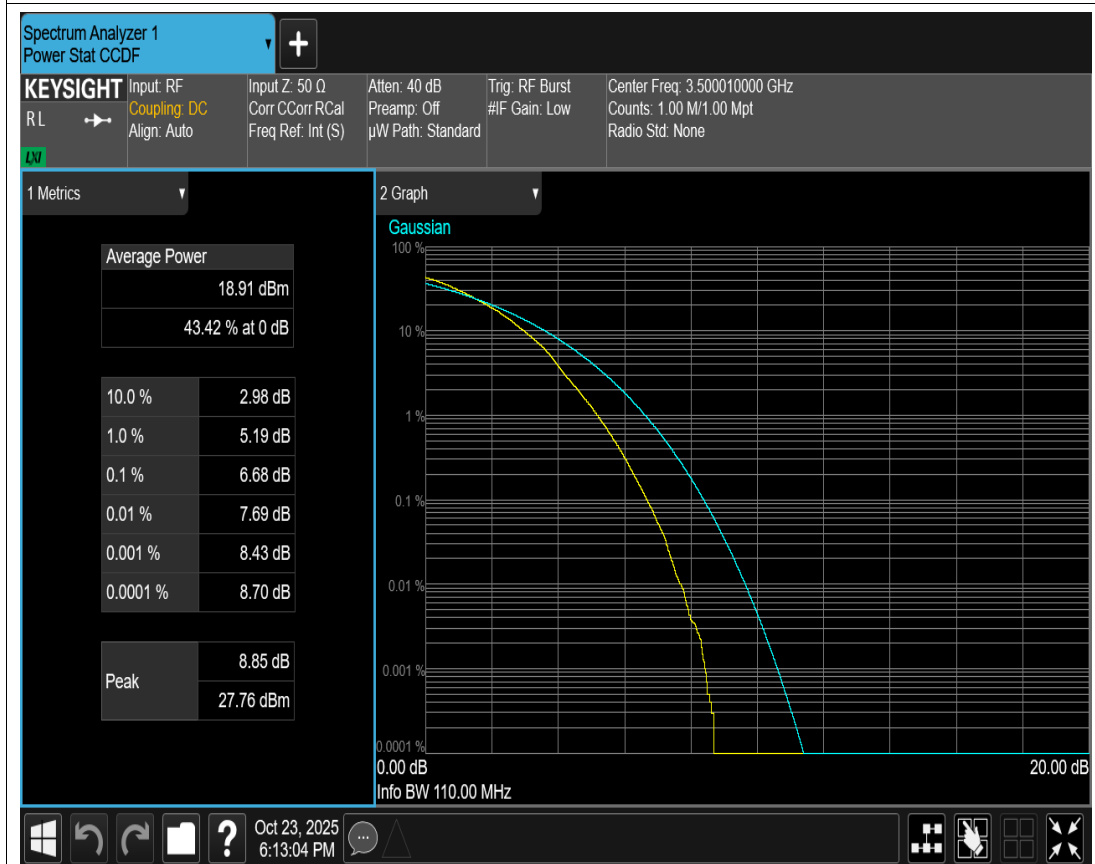
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=243@0



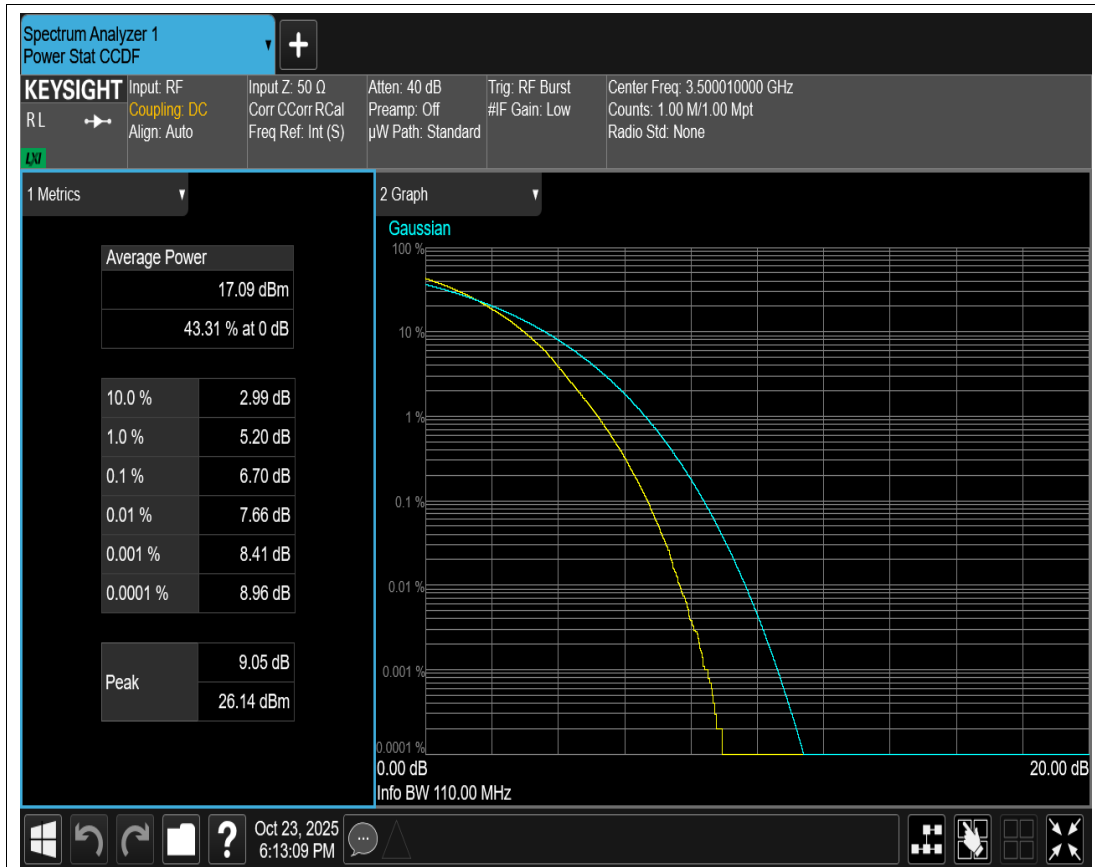
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=243@0



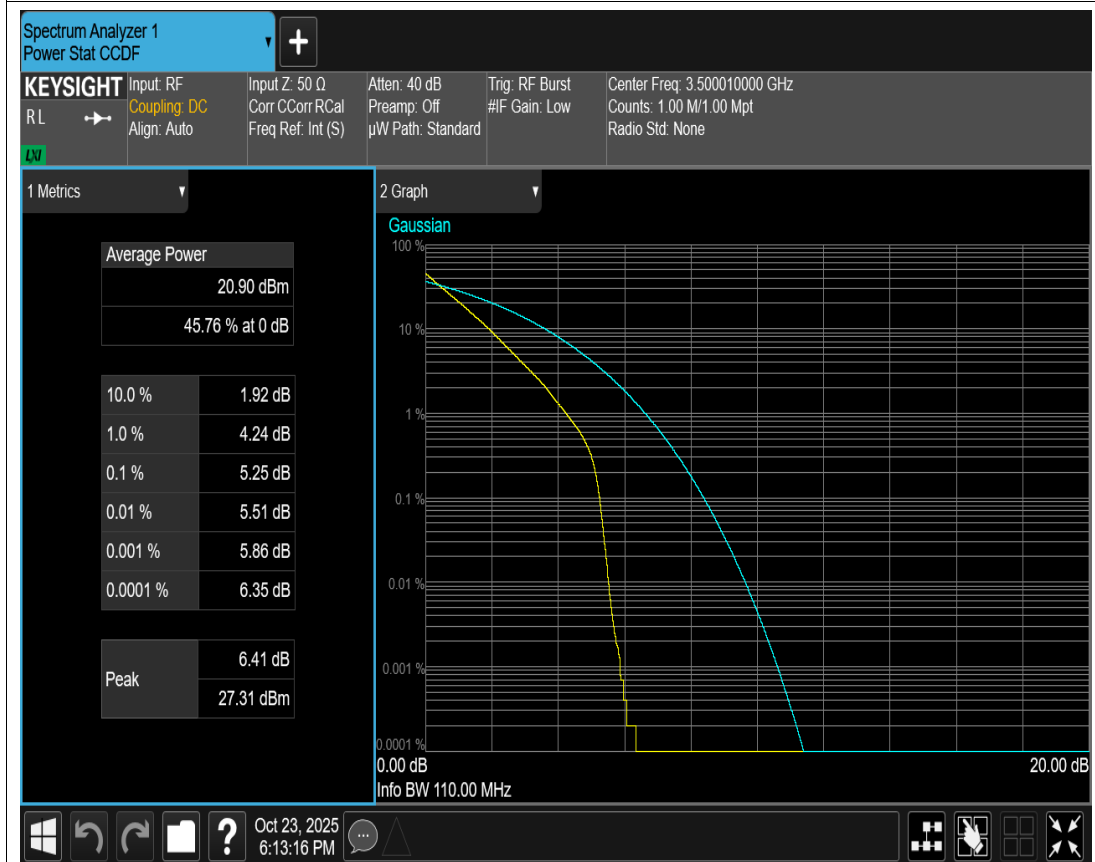
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz Channel=633334 RB=243@0



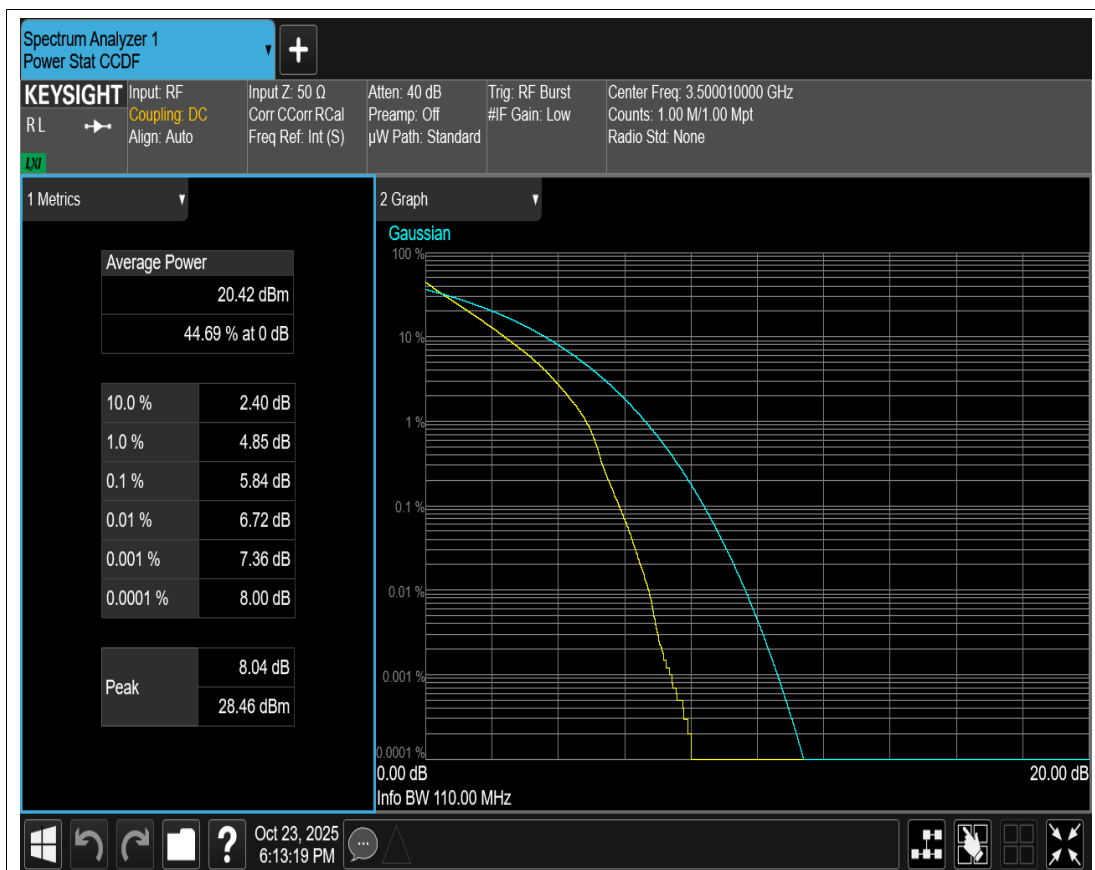
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz Channel=633334 RB=243@0



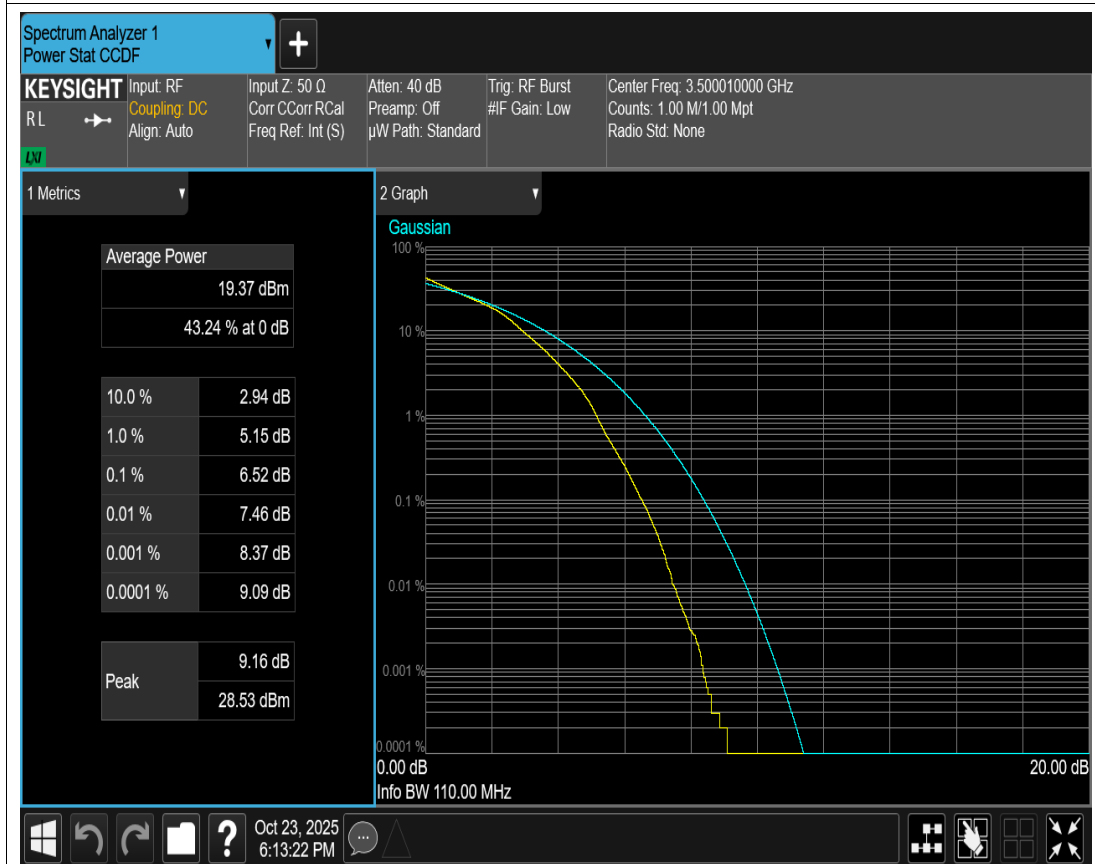
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz Channel=633334 RB=243@0



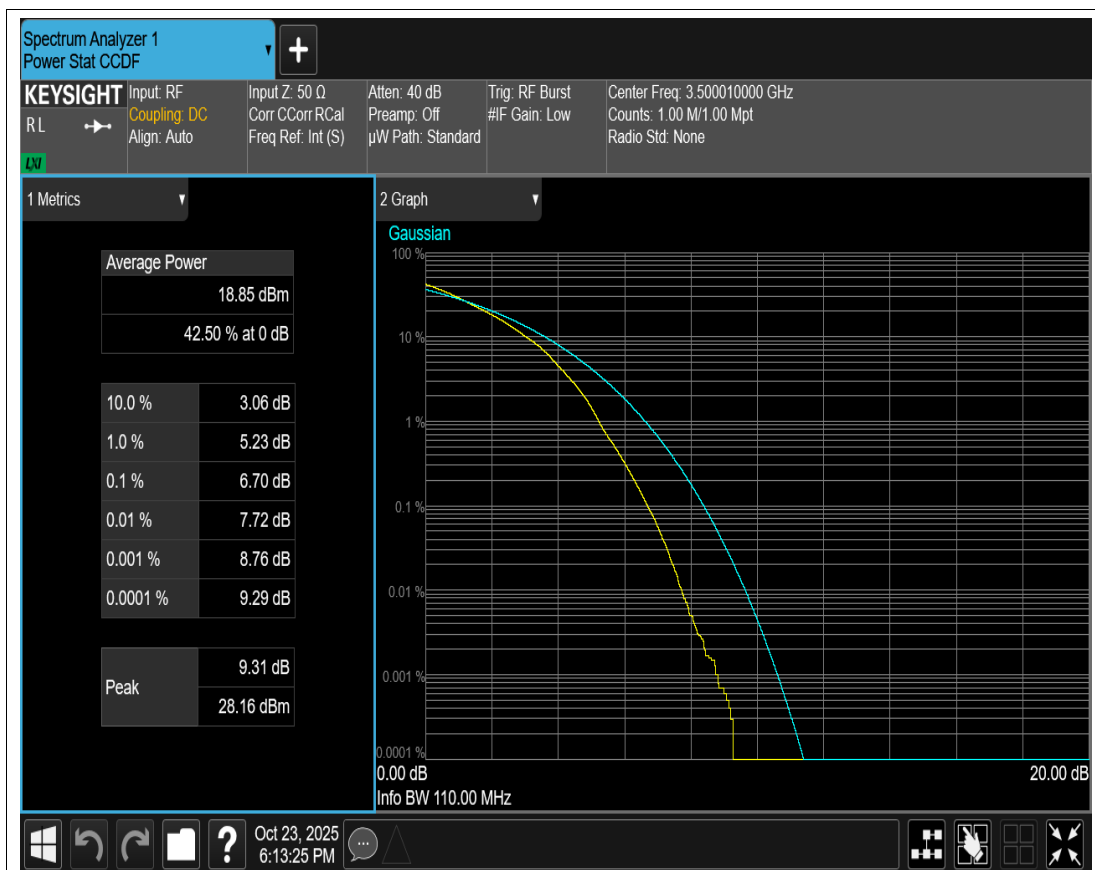
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



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



n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz Channel=633334 RB=270@0

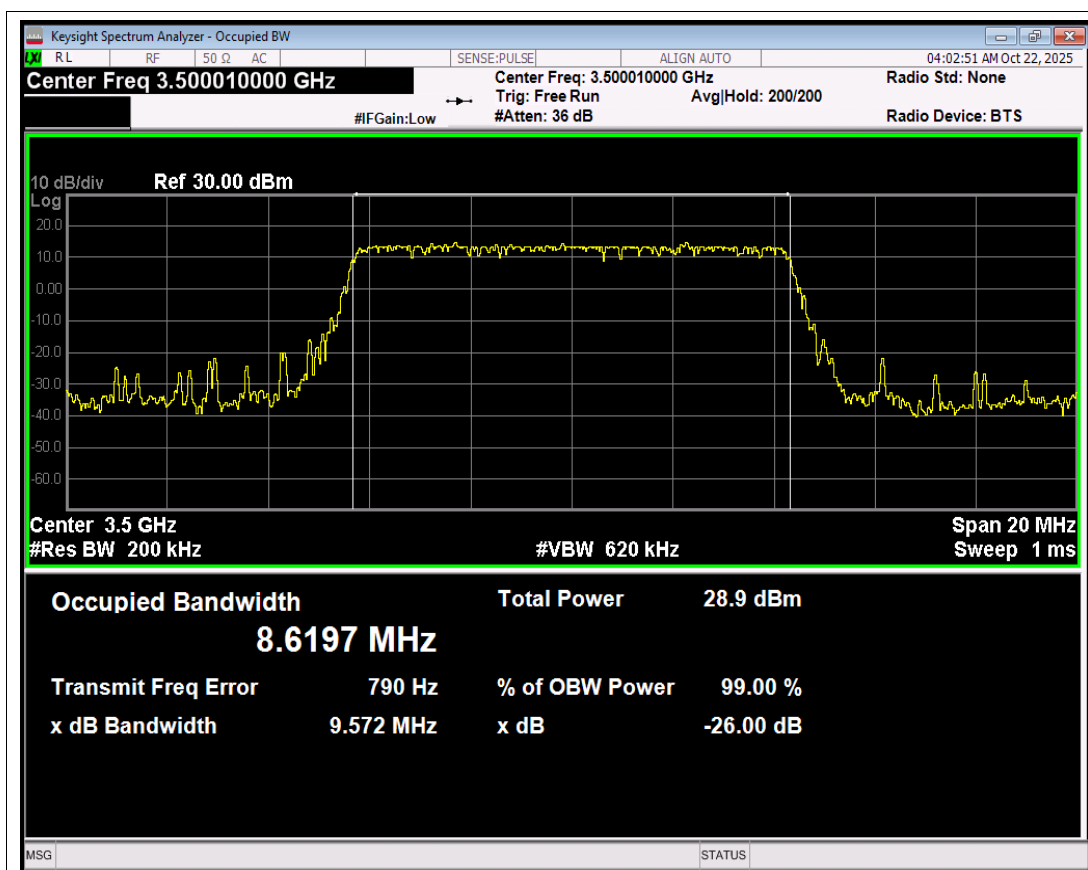


n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz Channel=633334 RB=270@0

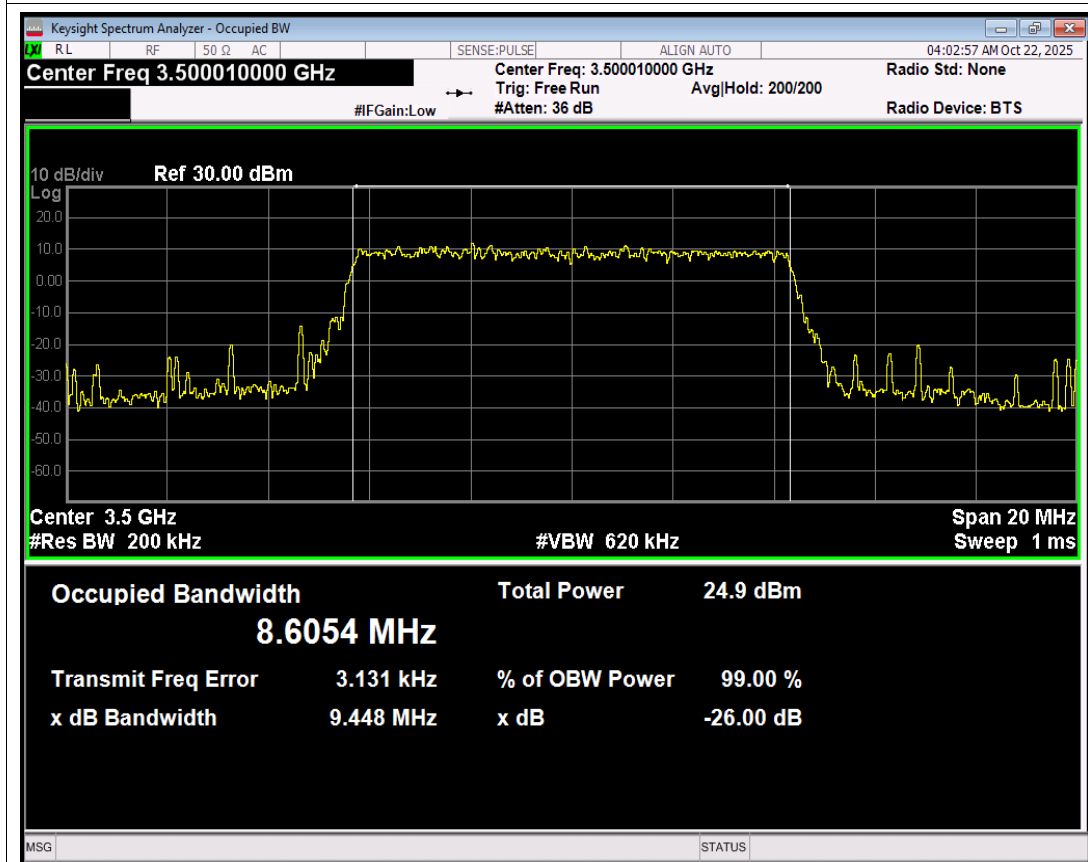
4. Occupied Bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3450-3550)	30	10	633334	3500.01	24@0	DFT_BPSK	8.620	9.572	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.605	9.448	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.620	9.454	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.617	9.340	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.662	9.335	PASS
n78(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.951	14.045	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.596	14.639	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.618	14.808	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.608	14.522	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.653	14.692	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	17.978	19.422	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.268	19.414	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.216	19.377	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.265	19.546	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.264	19.683	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.778	37.747	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	37.908	40.387	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	38.009	39.960	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	37.955	40.835	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.984	40.174	PASS
n78(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.894	48.485	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.506	50.032	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.485	50.418	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.481	50.252	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.590	50.721	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	57.918	60.843	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	57.914	60.921	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.043	61.434	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	57.951	60.919	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	57.940	60.957	PASS
n78(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.667	67.952	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	67.552	71.329	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.700	71.727	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	67.668	71.336	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	67.730	71.283	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.366	81.123	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.647	81.505	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.636	83.797	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.437	81.538	PASS

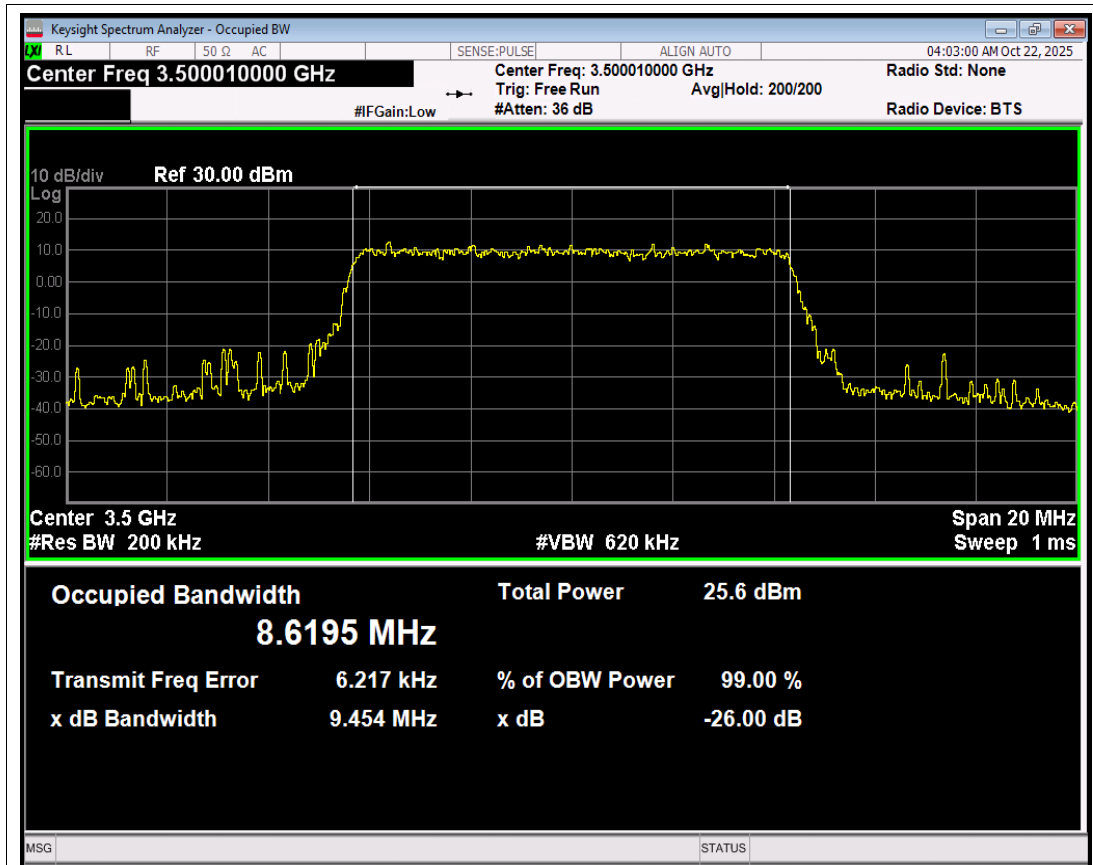
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.509	81.420	PASS
n78(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	87.062	91.377	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.714	92.213	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.538	92.006	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.745	92.004	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.601	92.106	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.429	101.484	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.425	102.534	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.308	102.465	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.564	102.341	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.109	102.509	PASS



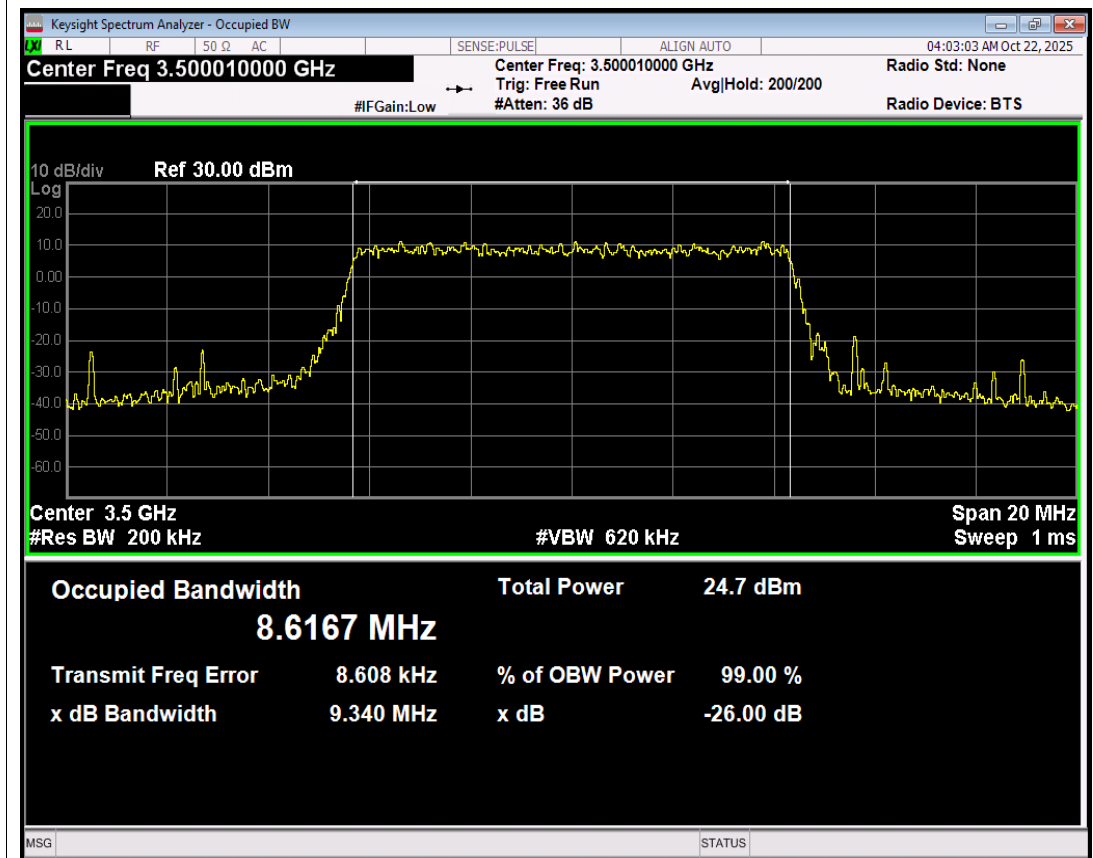
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



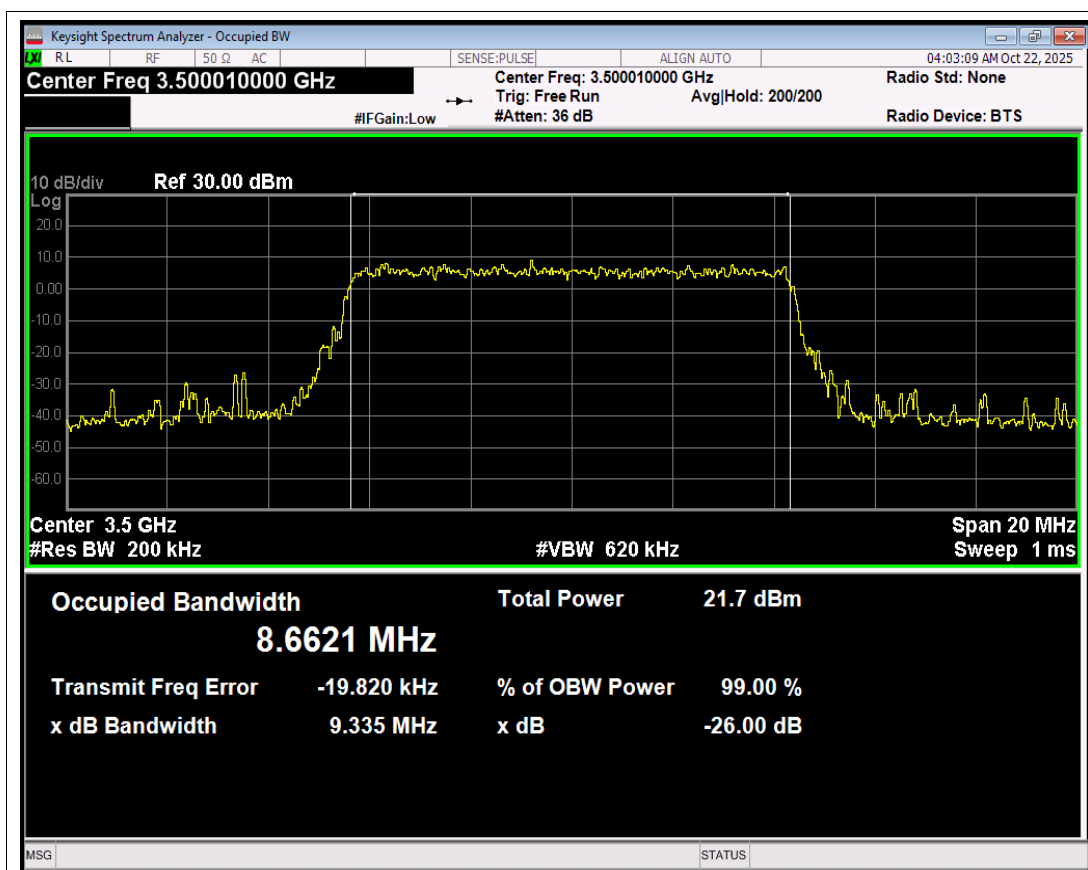
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



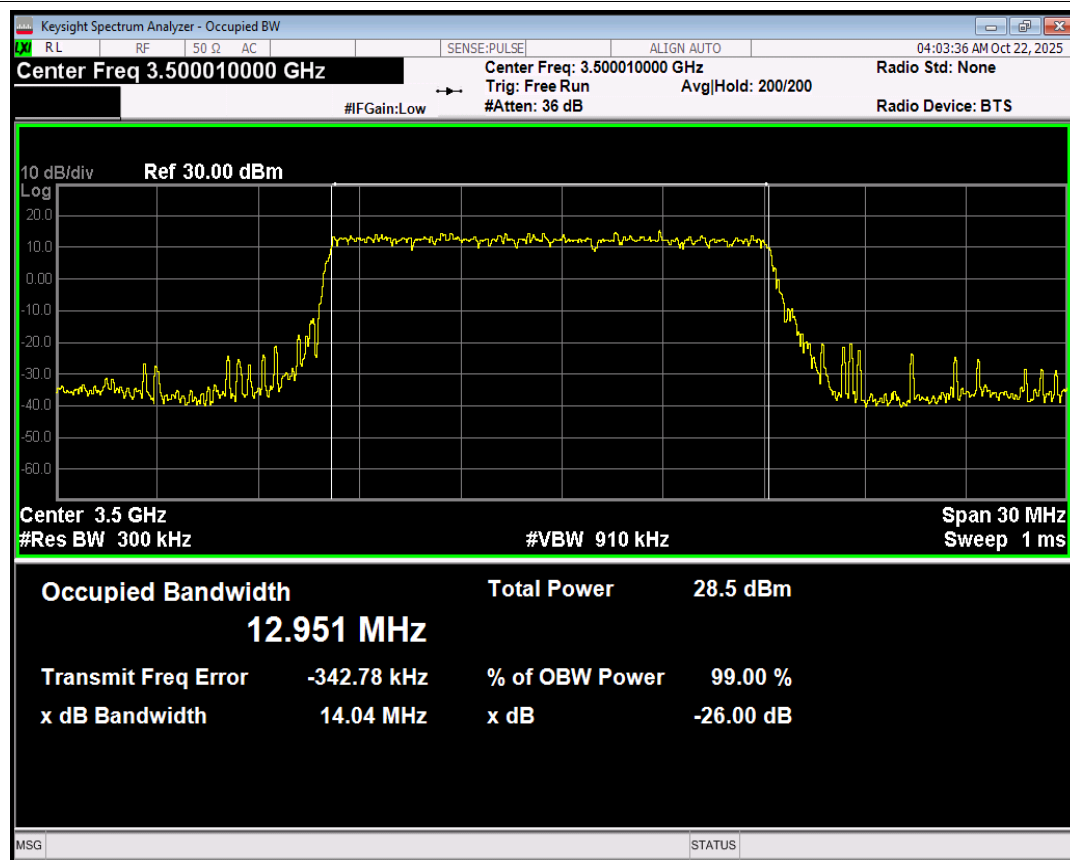
n78(3450-3550) SCS=30kHz CP_16QAM BW=10MHz Channel=633334 RB=24@0



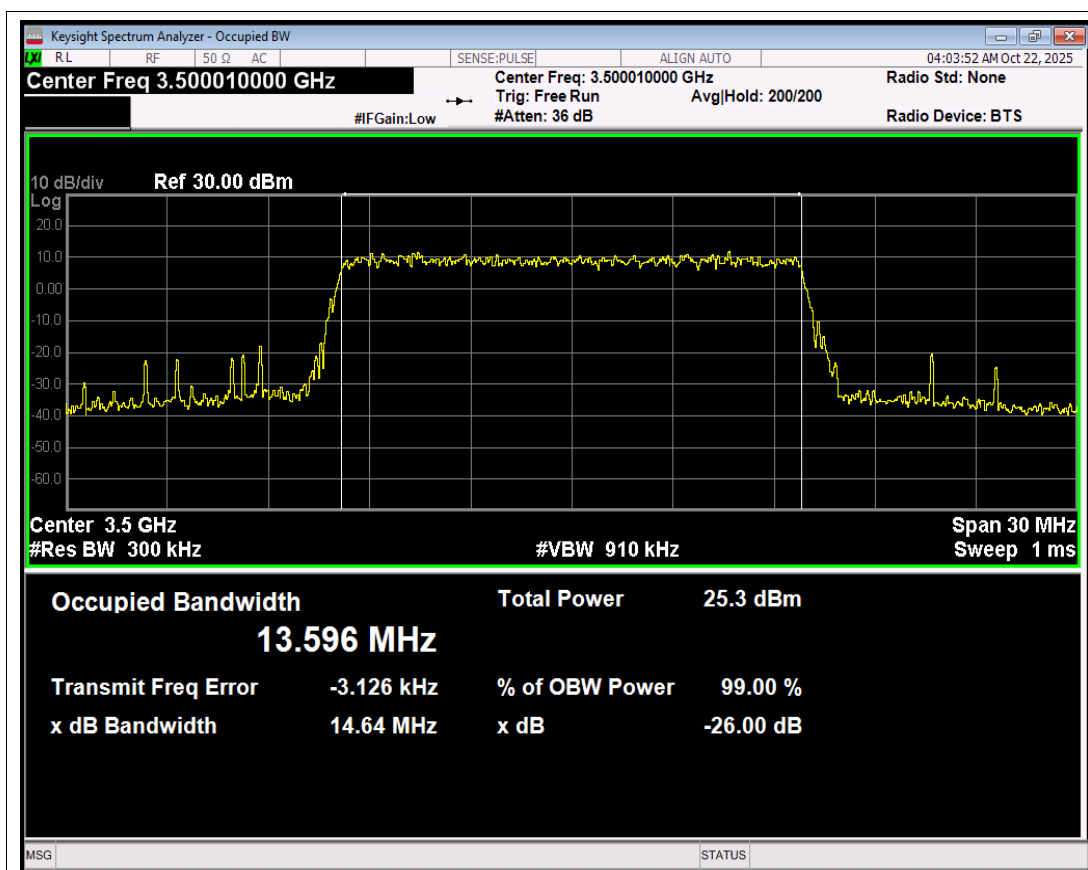
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz Channel=633334 RB=24@0



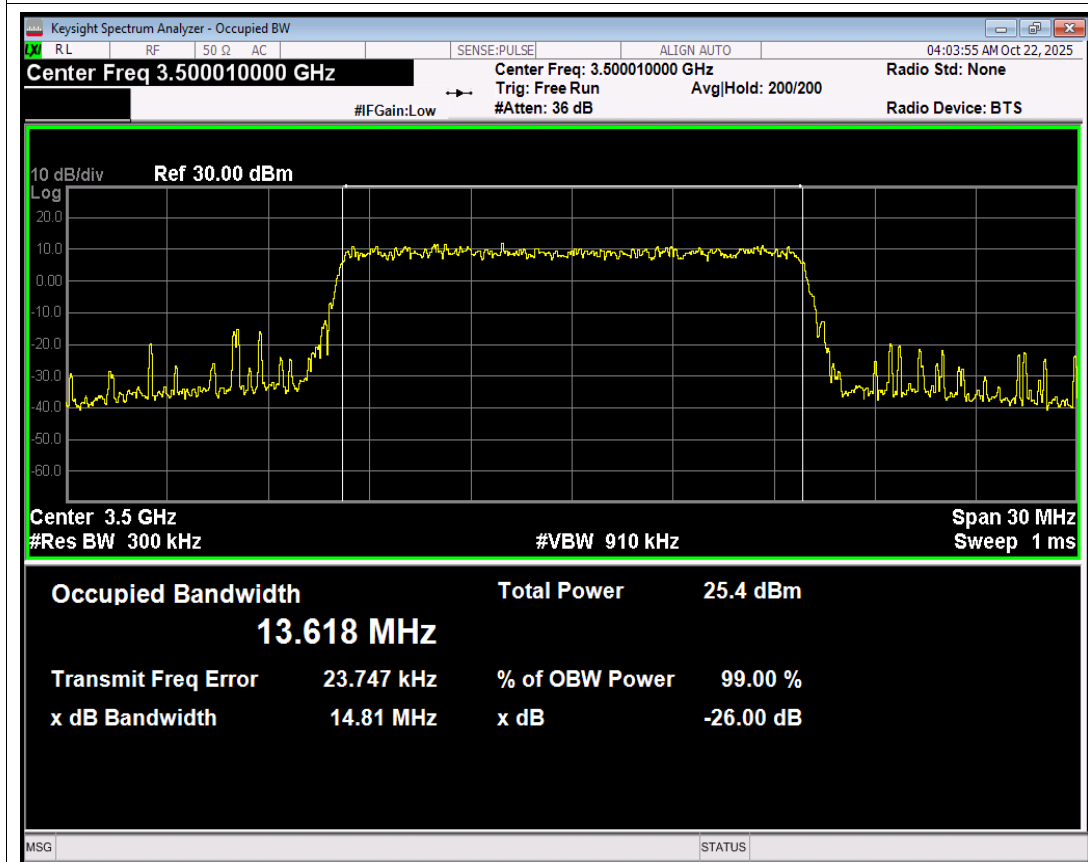
n78(3450-3550) SCS=30kHz CP_256QAM BW=10MHz Channel=633334 RB=24@0



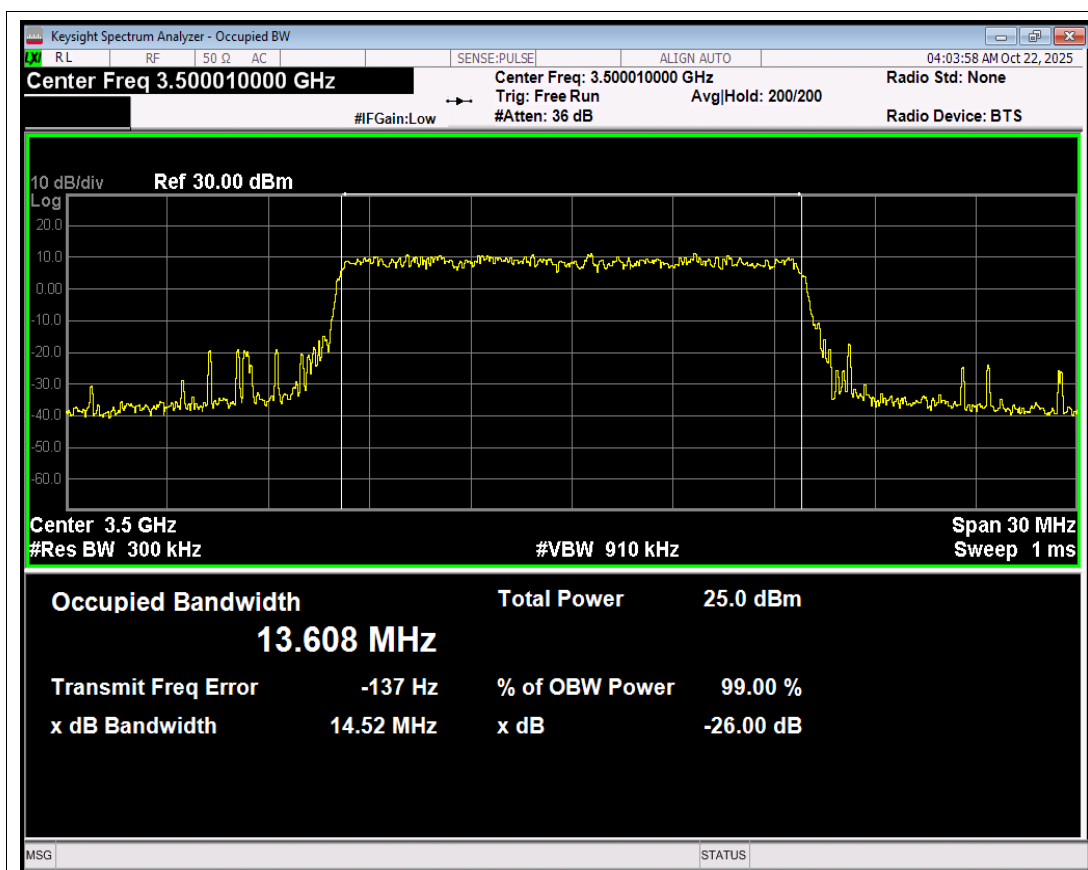
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



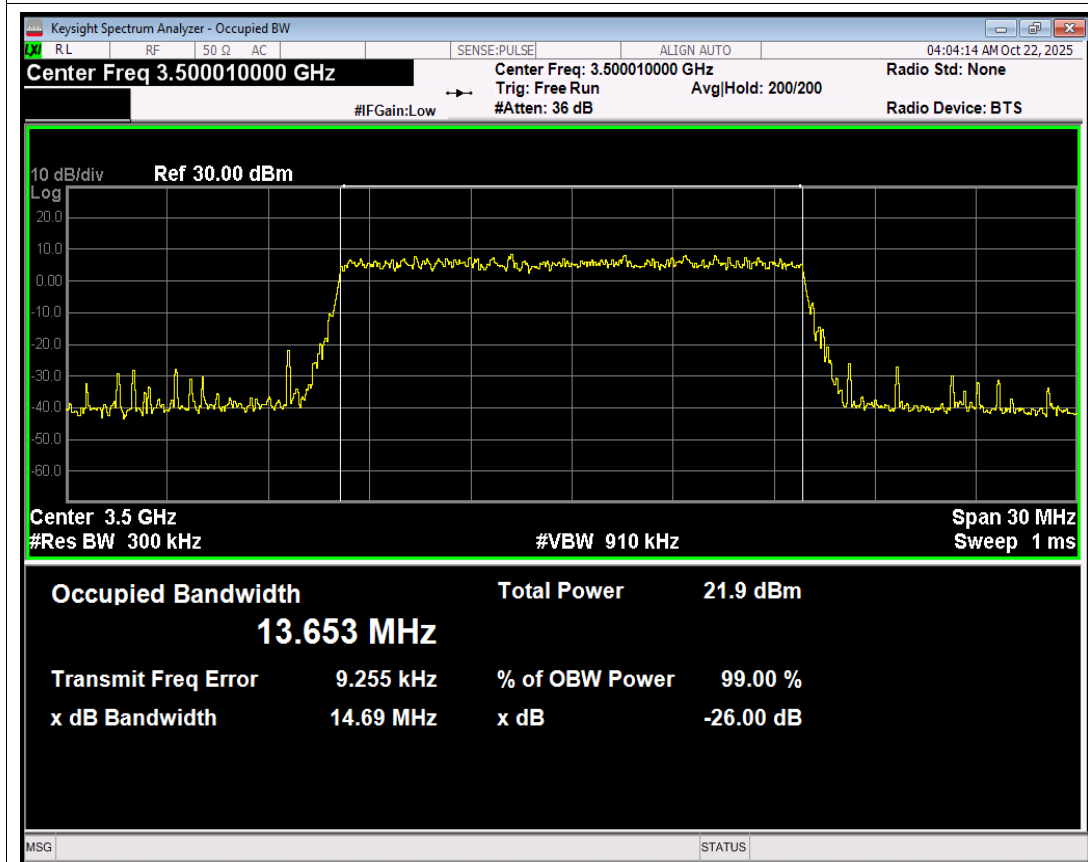
n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=38@0



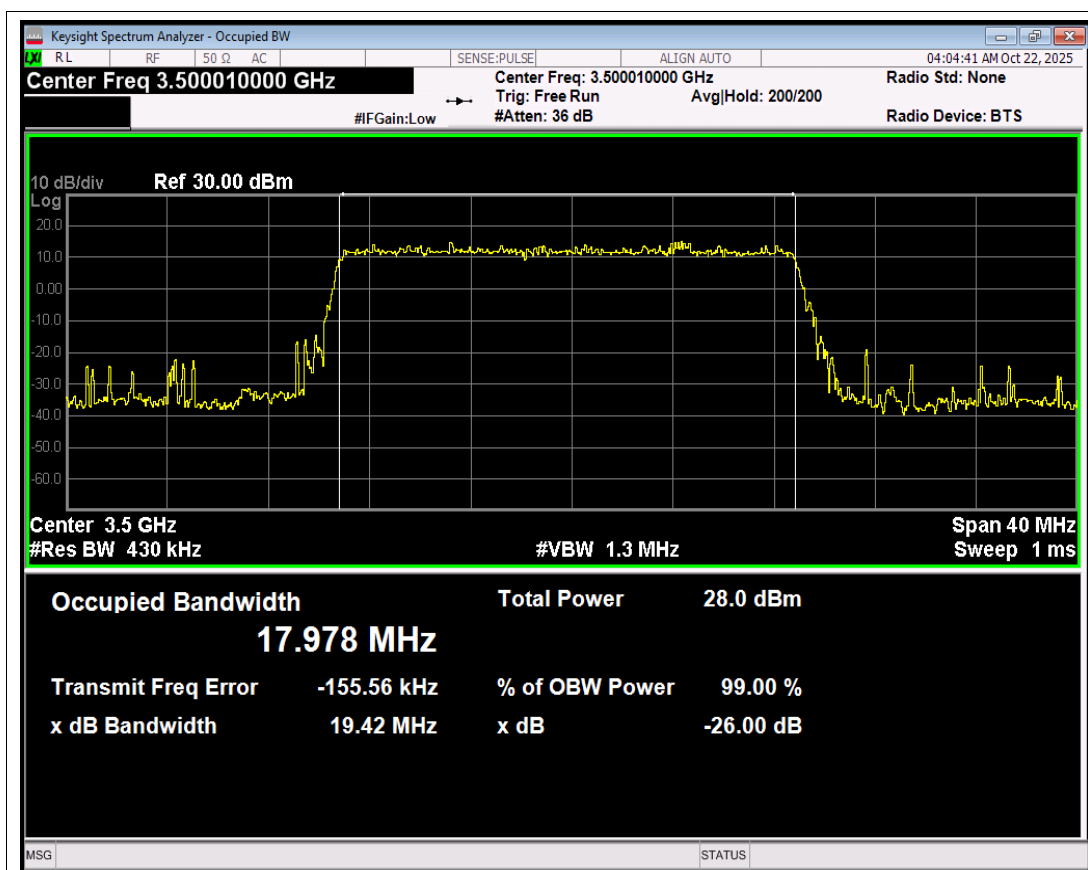
n78(3450-3550) SCS=30kHz CP_16QAM BW=15MHz Channel=633334 RB=38@0



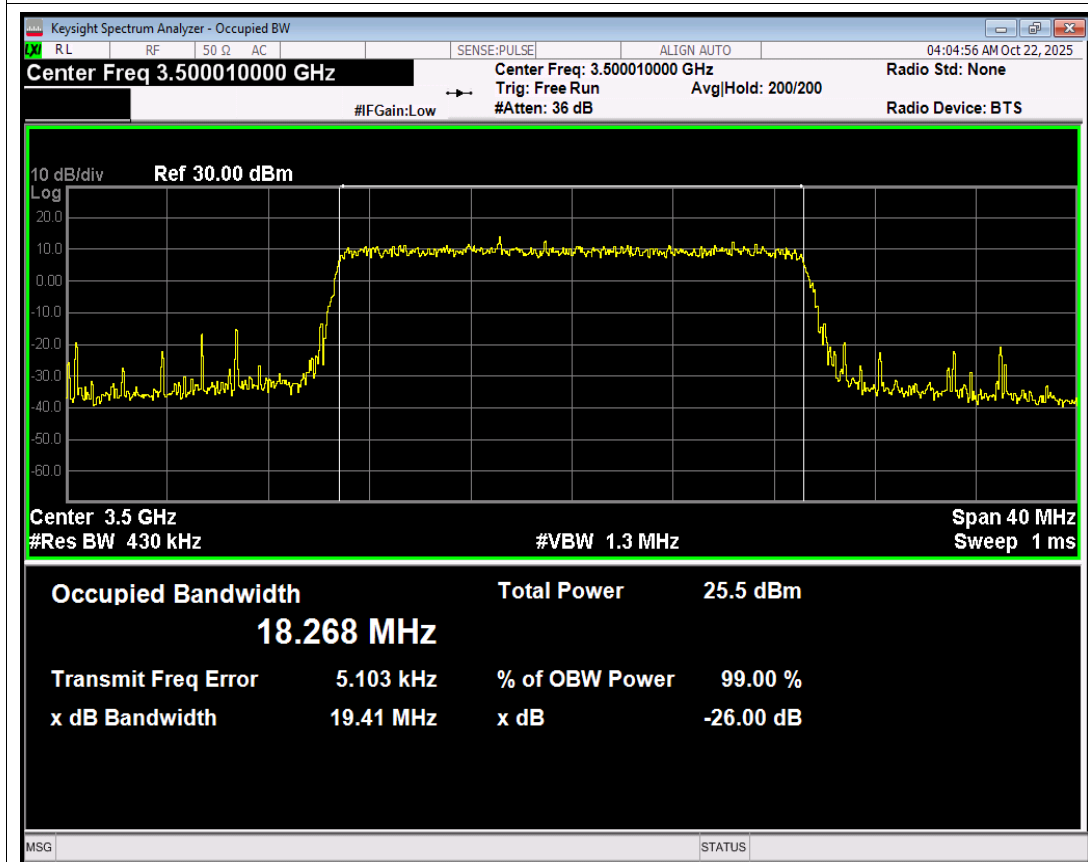
n78(3450-3550) SCS=30kHz CP_64QAM BW=15MHz Channel=633334 RB=38@0



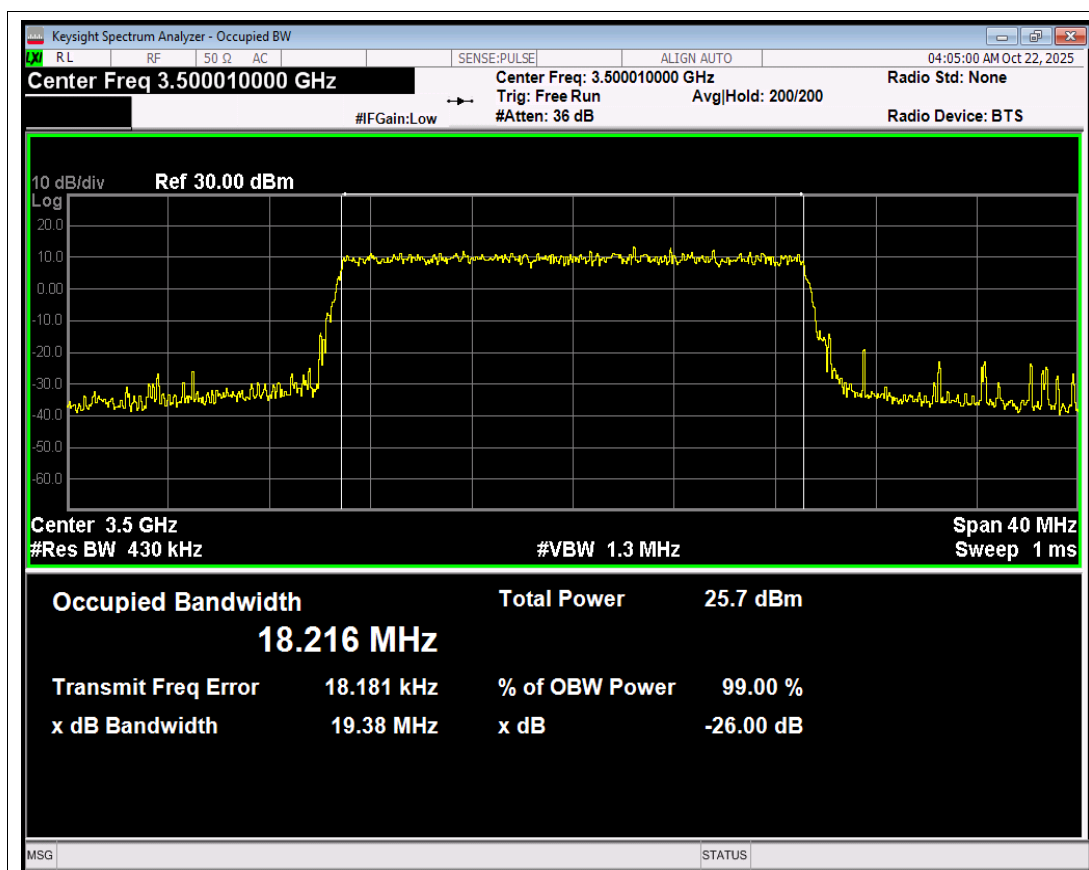
n78(3450-3550) SCS=30kHz CP_256QAM BW=15MHz Channel=633334 RB=38@0



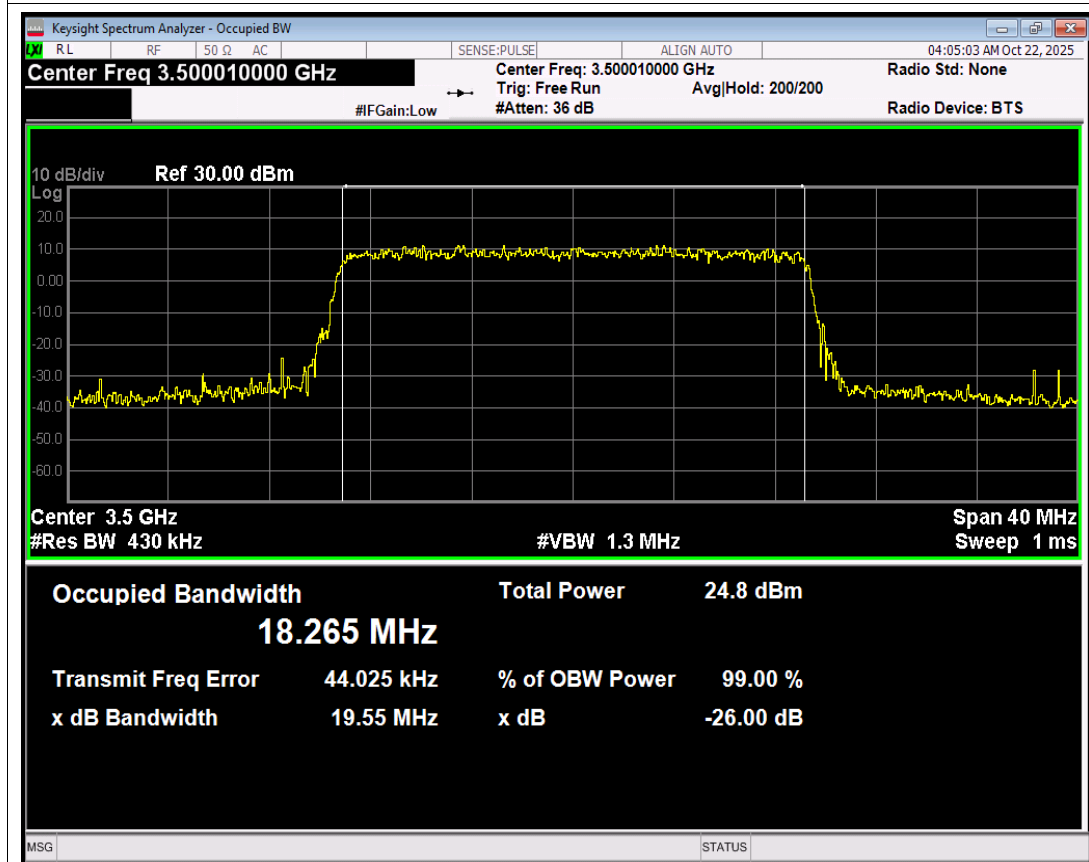
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



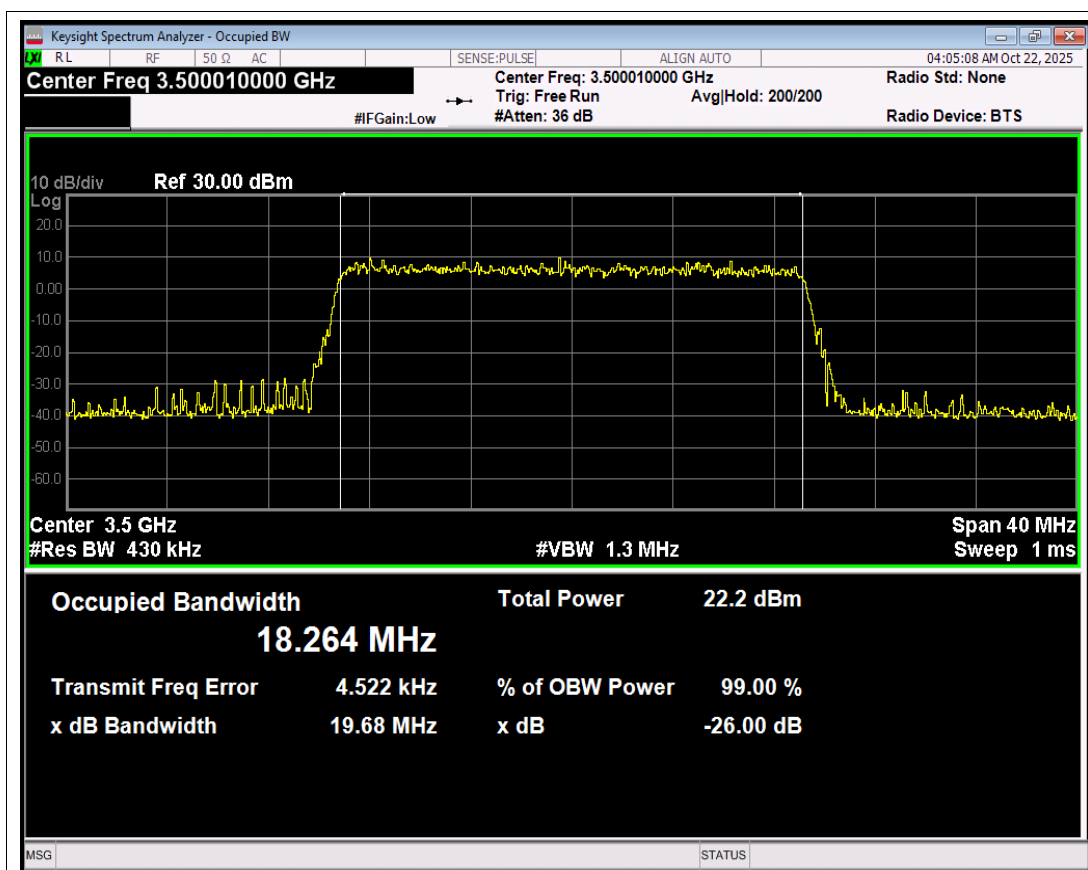
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



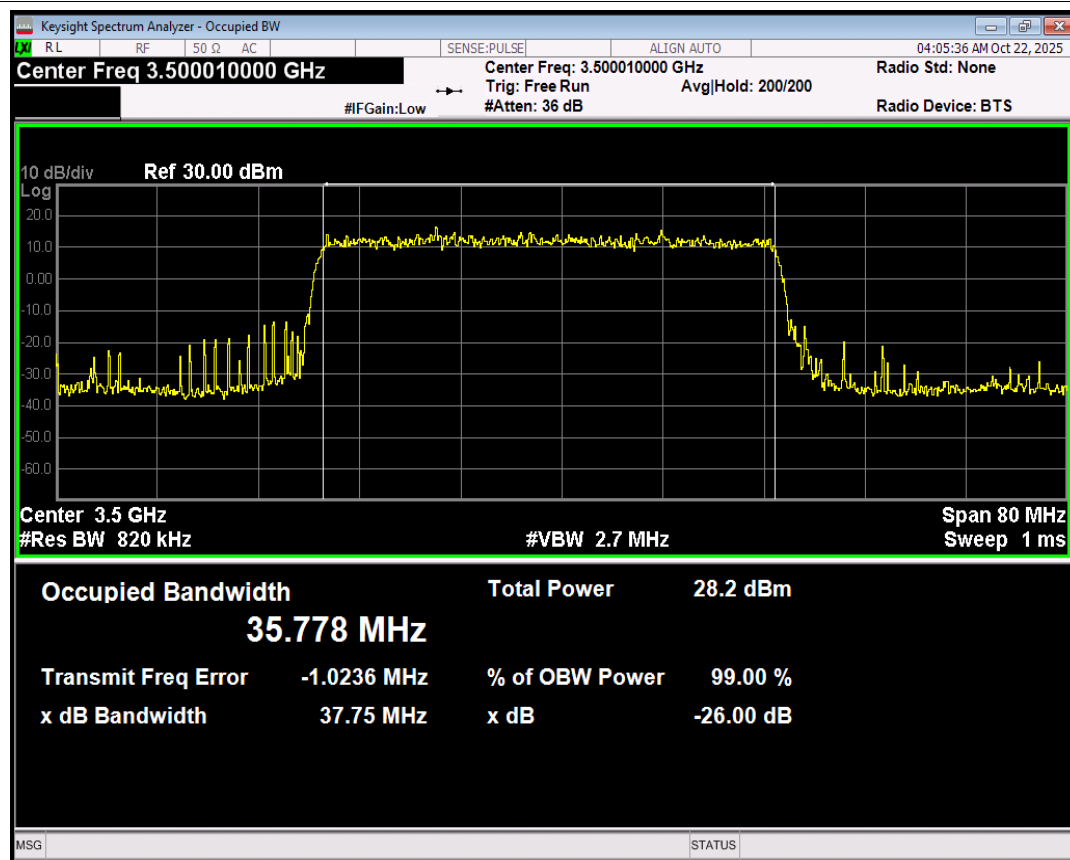
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz Channel=633334 RB=51@0



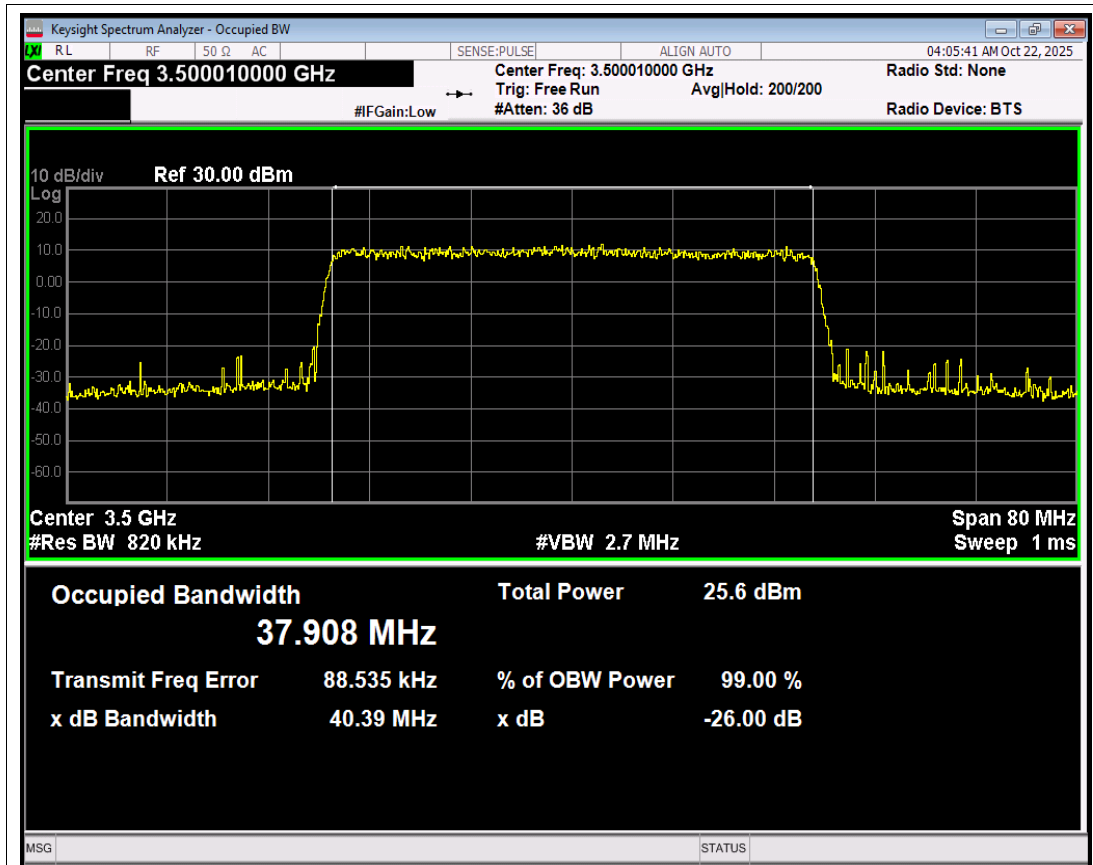
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz Channel=633334 RB=51@0



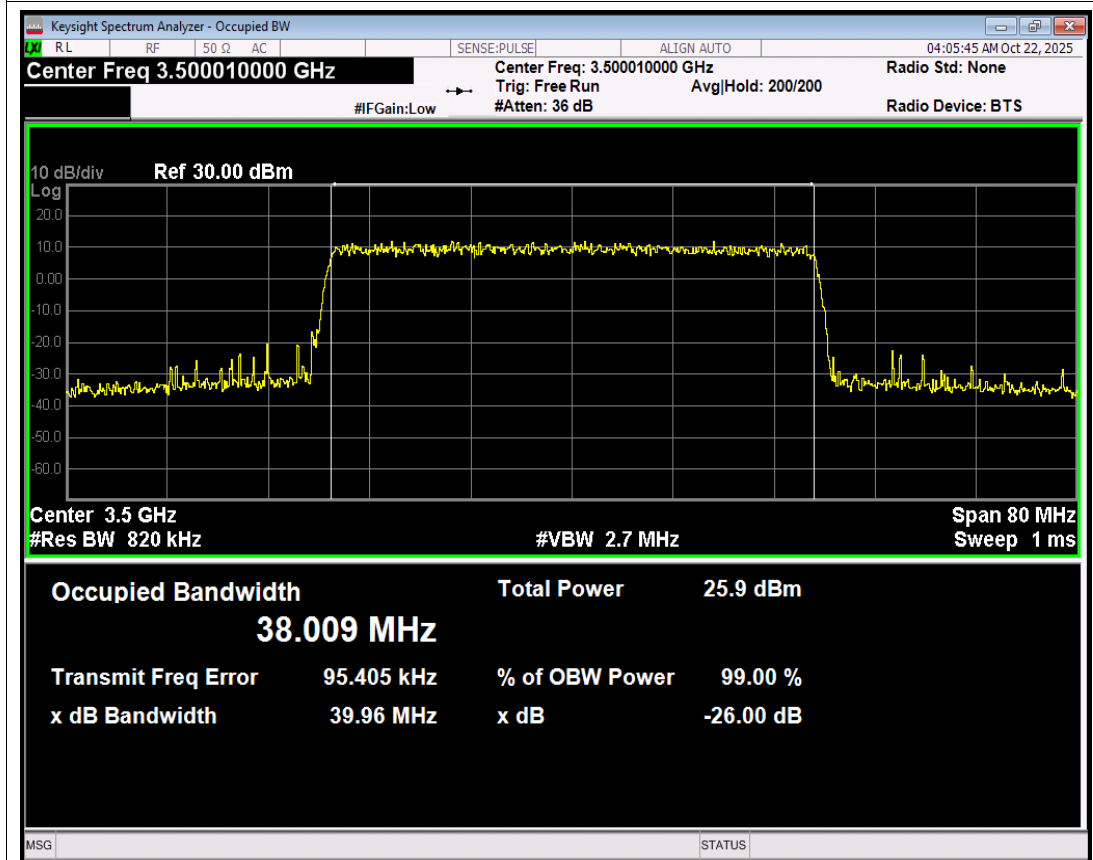
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz Channel=633334 RB=51@0



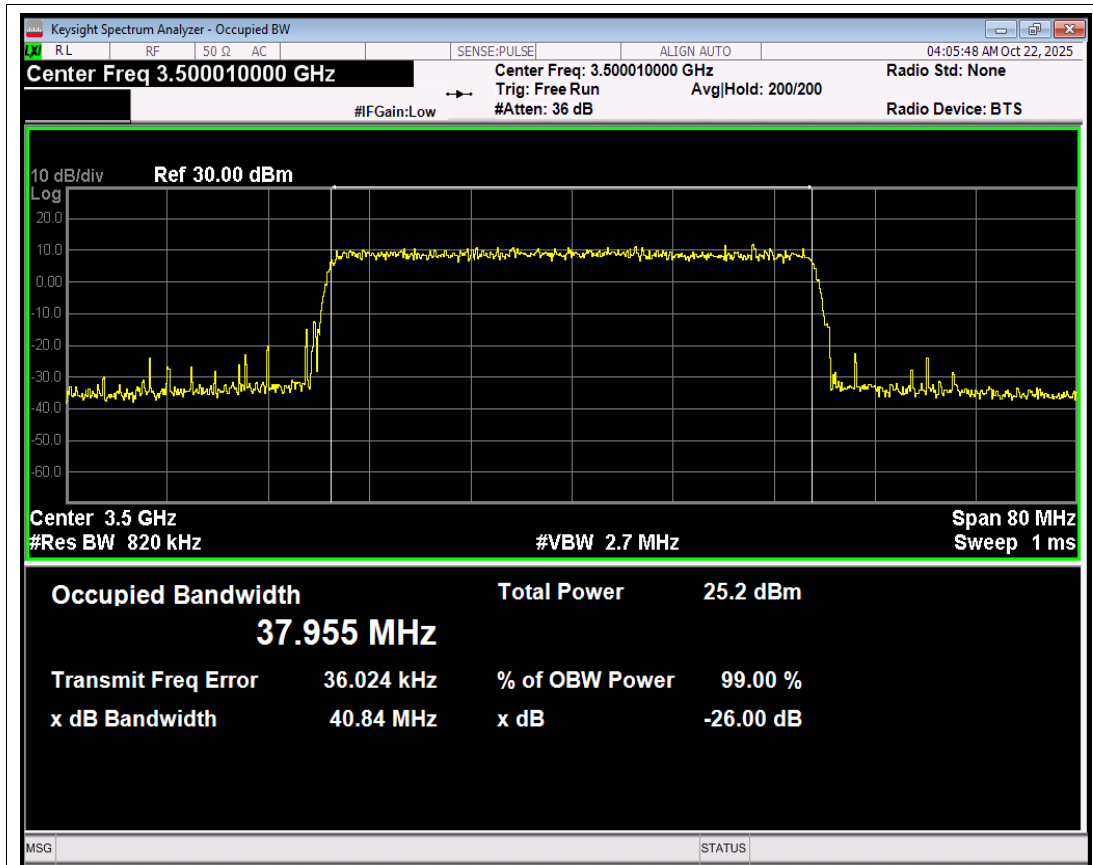
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



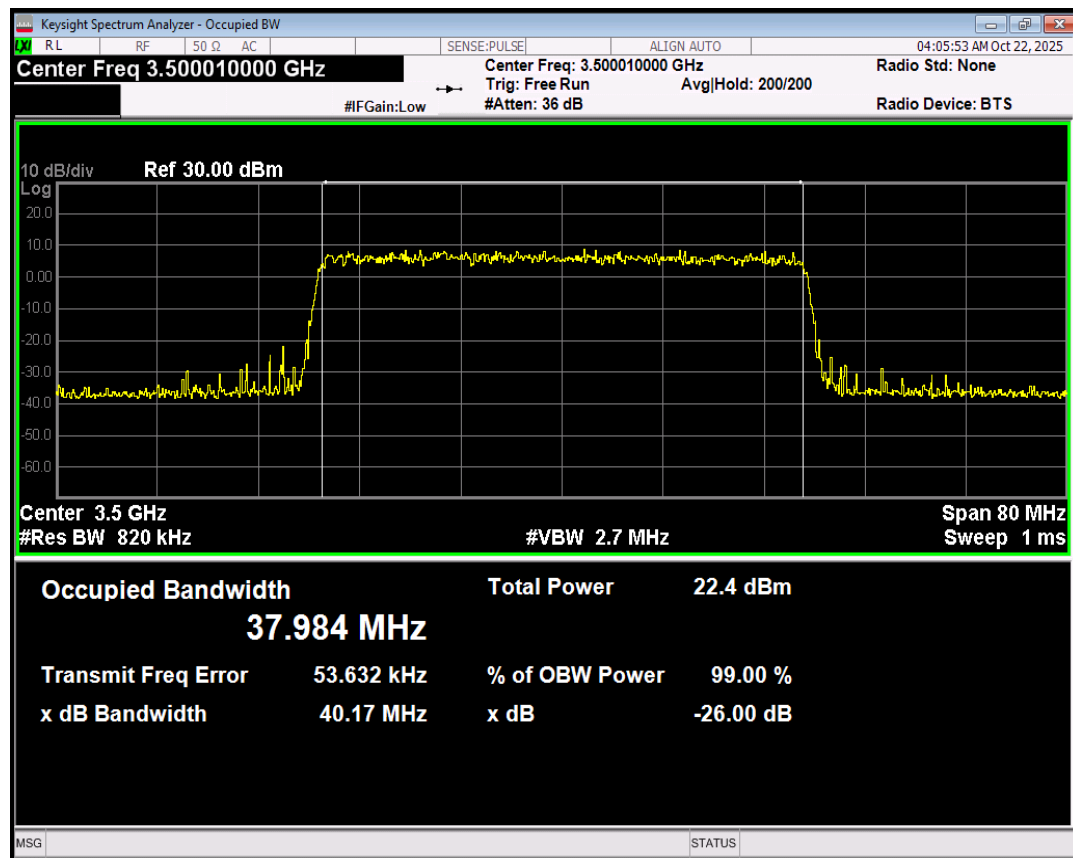
n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz Channel=633334 RB=106@0



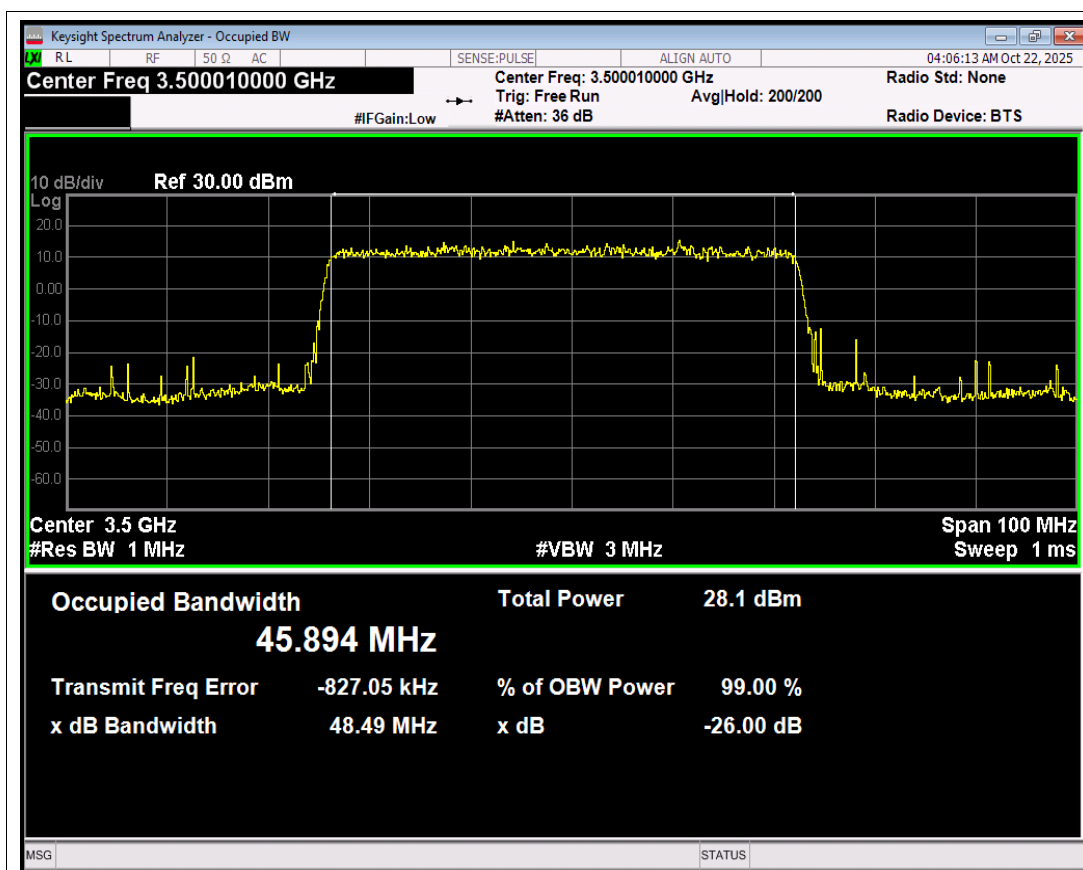
n78(3450-3550) SCS=30kHz CP_16QAM BW=40MHz Channel=633334 RB=106@0



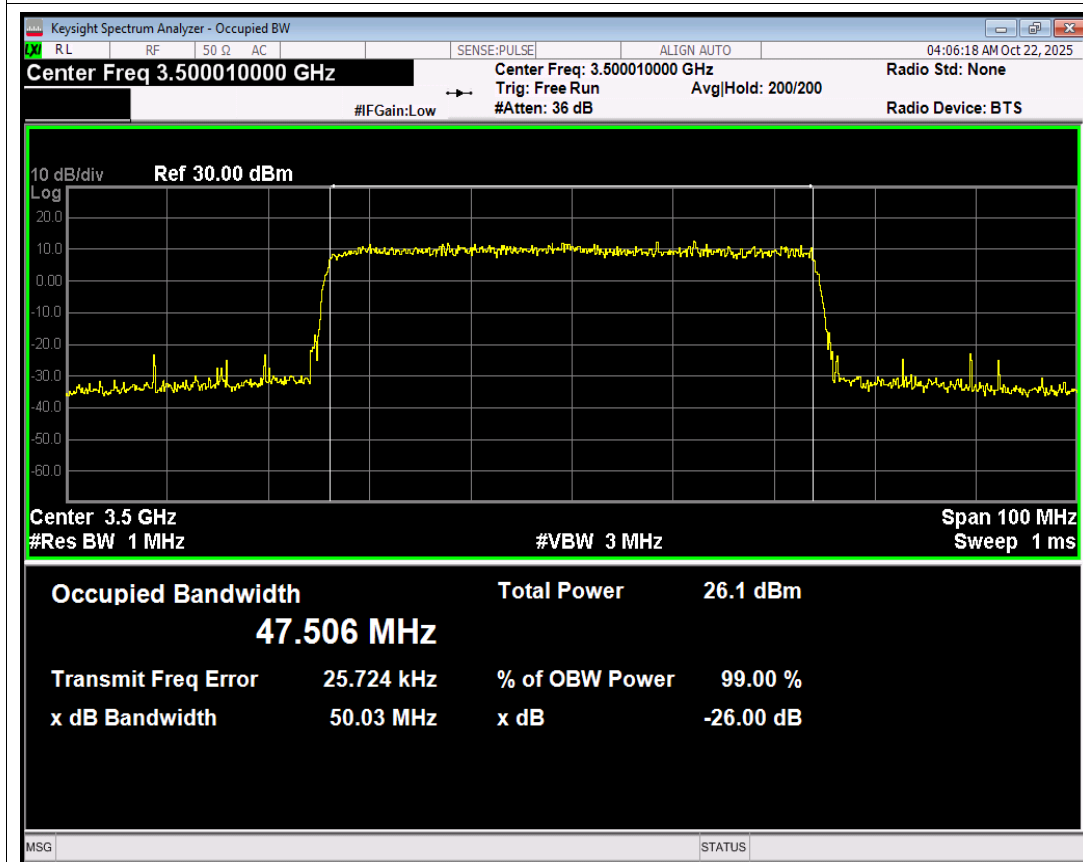
n78(3450-3550) SCS=30kHz CP_64QAM BW=40MHz Channel=633334 RB=106@0



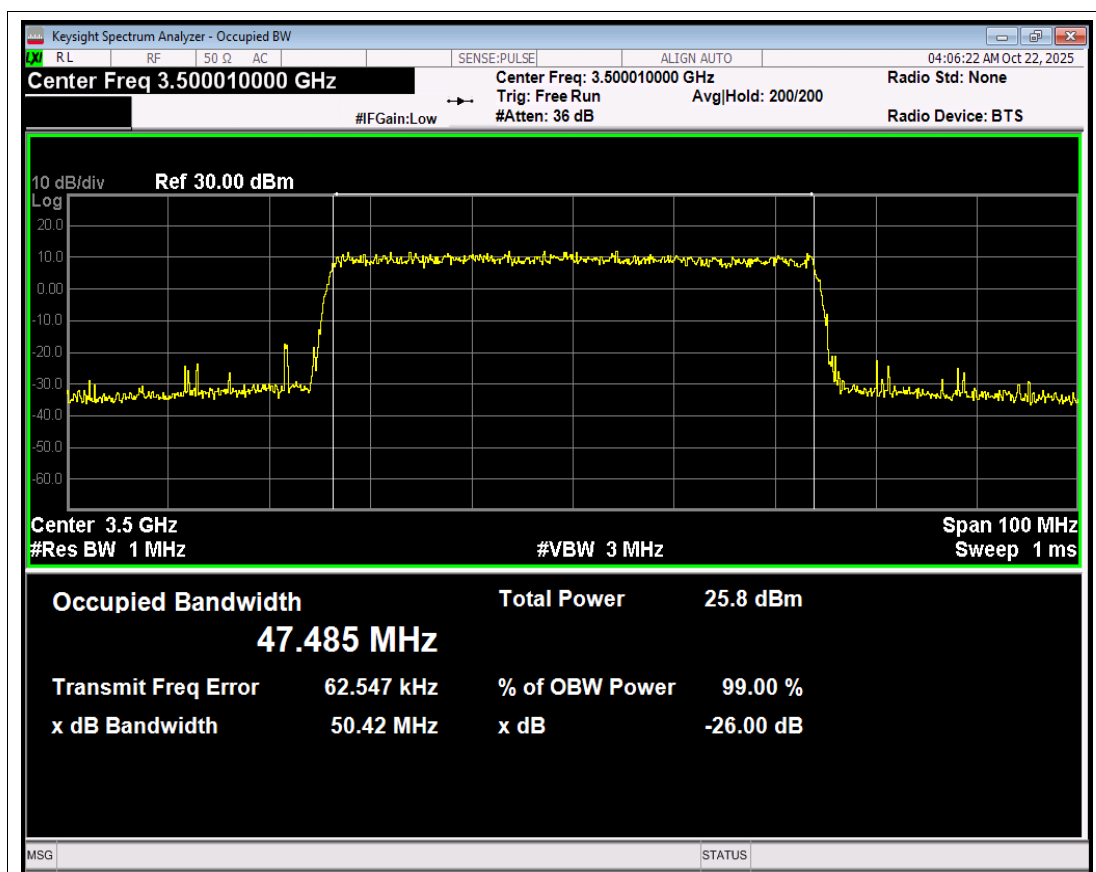
n78(3450-3550) SCS=30kHz CP_256QAM BW=40MHz Channel=633334 RB=106@0



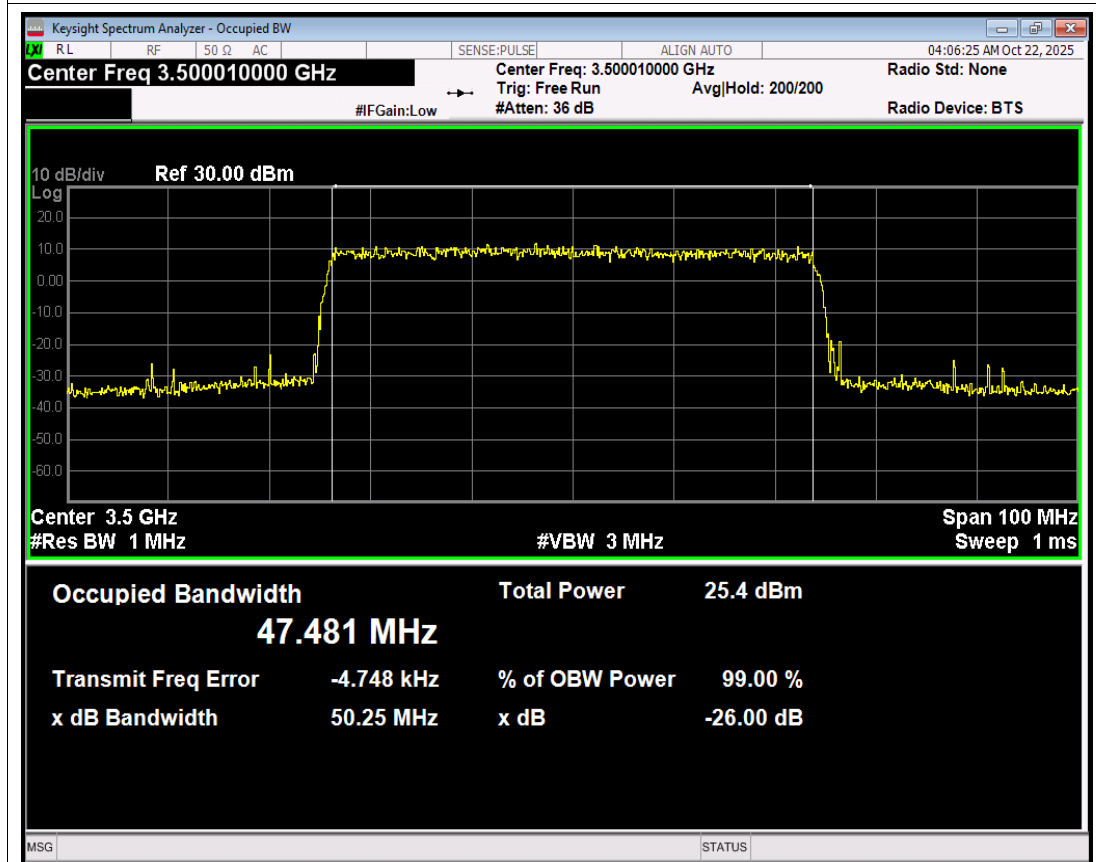
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



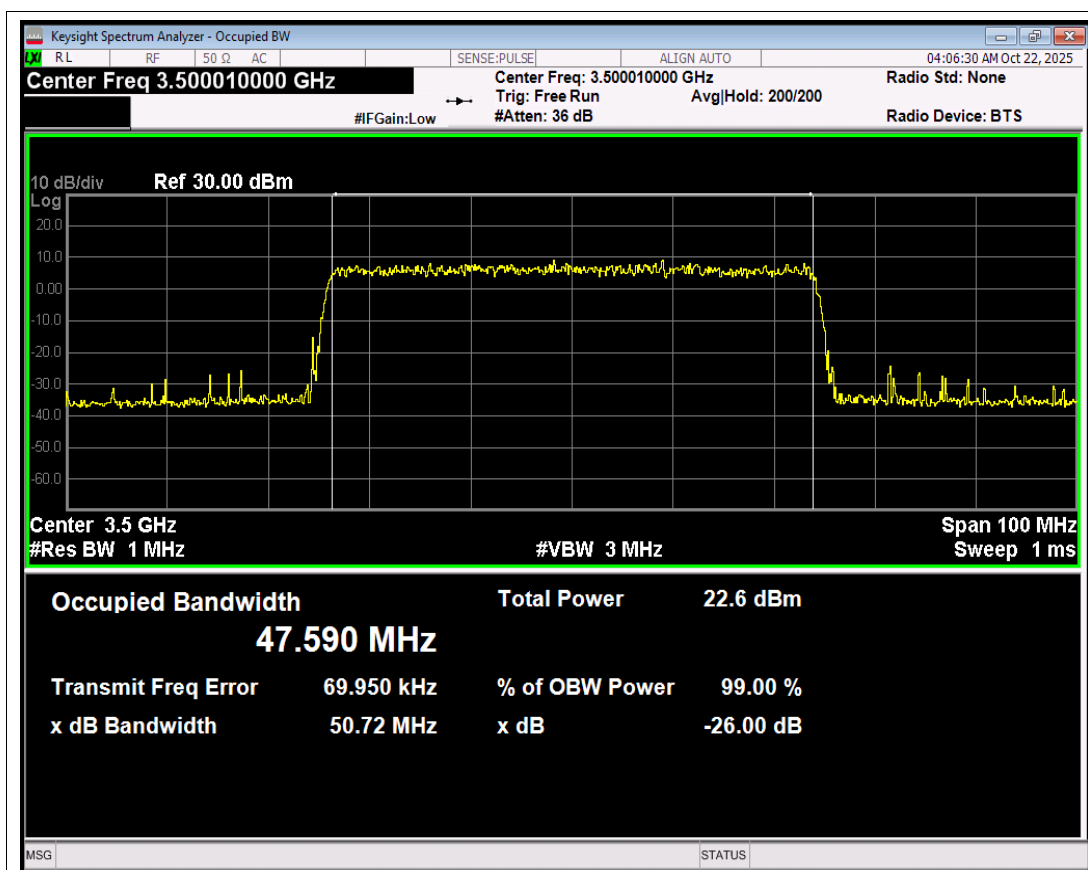
n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=633334 RB=133@0



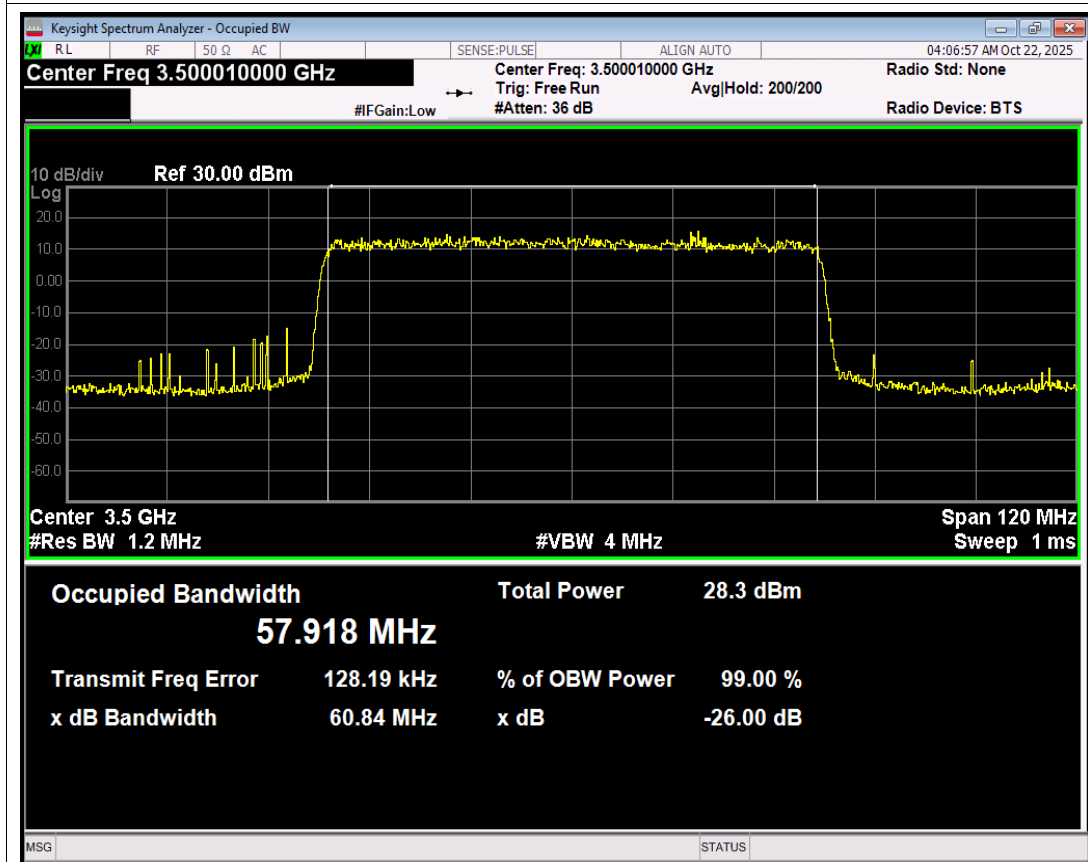
n78(3450-3550) SCS=30kHz CP_16QAM BW=50MHz Channel=633334 RB=133@0



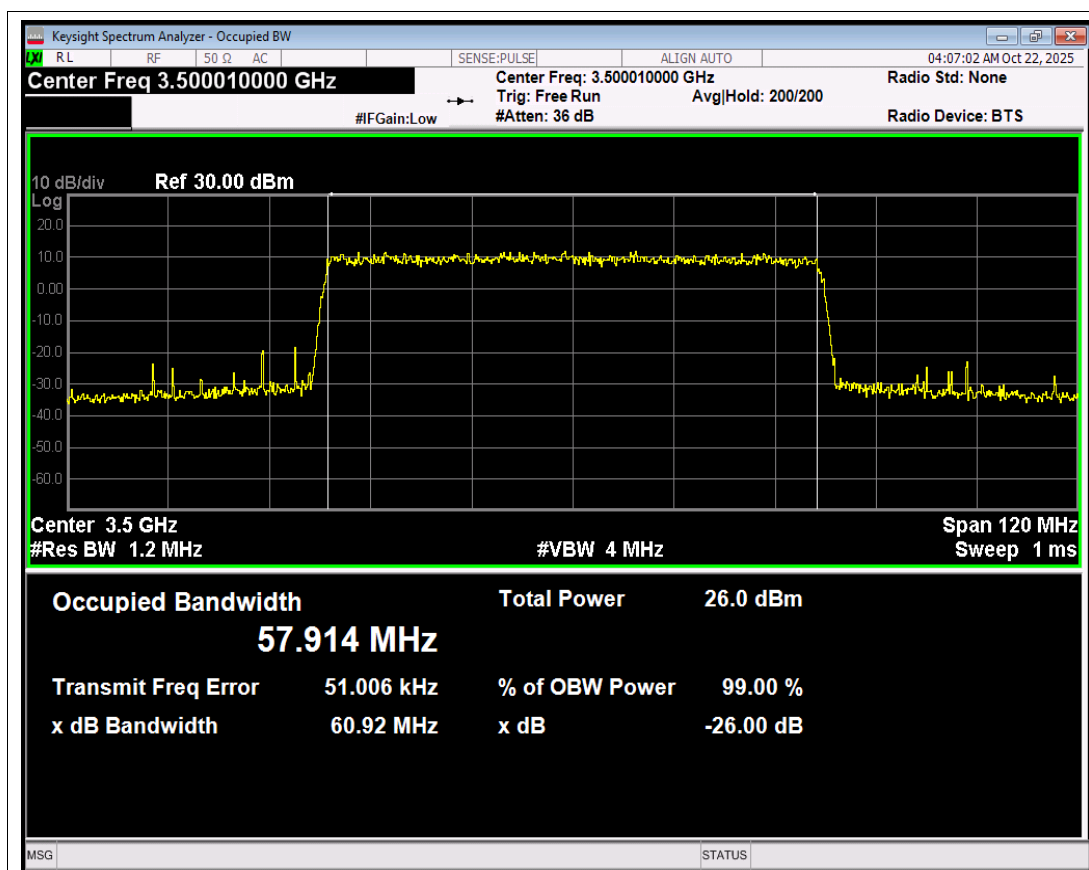
n78(3450-3550) SCS=30kHz CP_64QAM BW=50MHz Channel=633334 RB=133@0



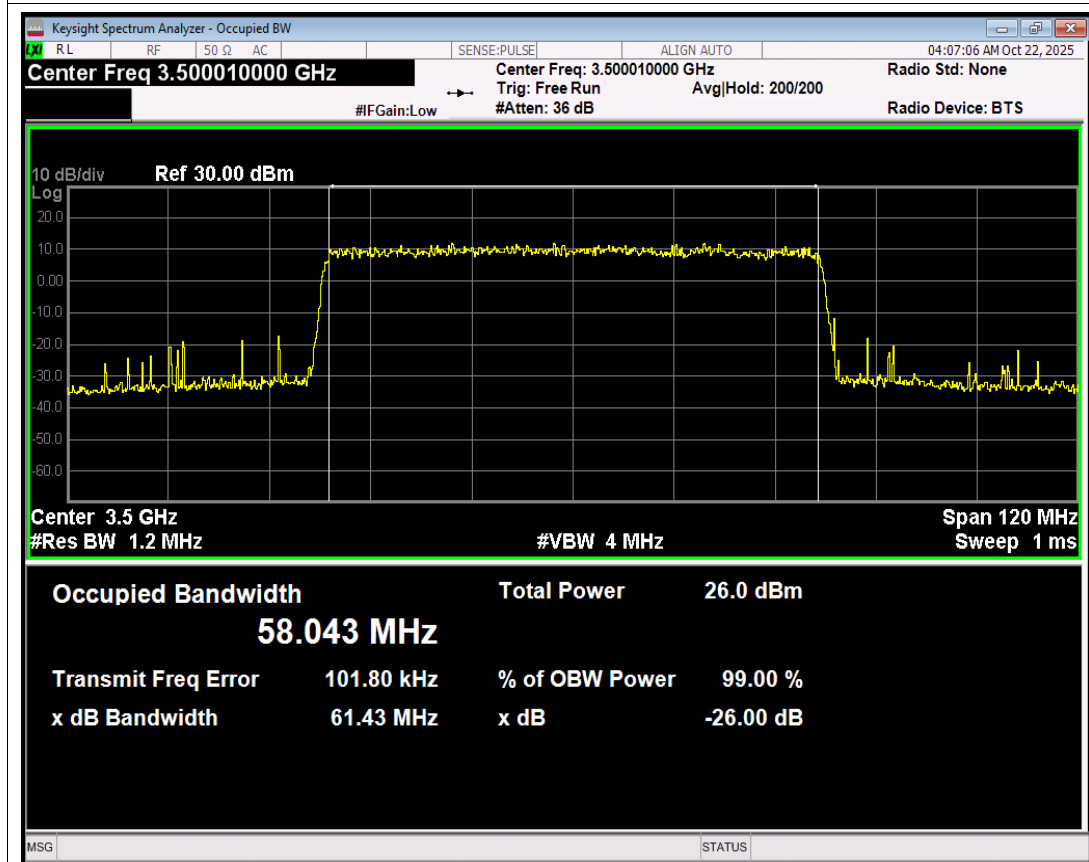
n78(3450-3550) SCS=30kHz CP_256QAM BW=50MHz Channel=633334 RB=133@0



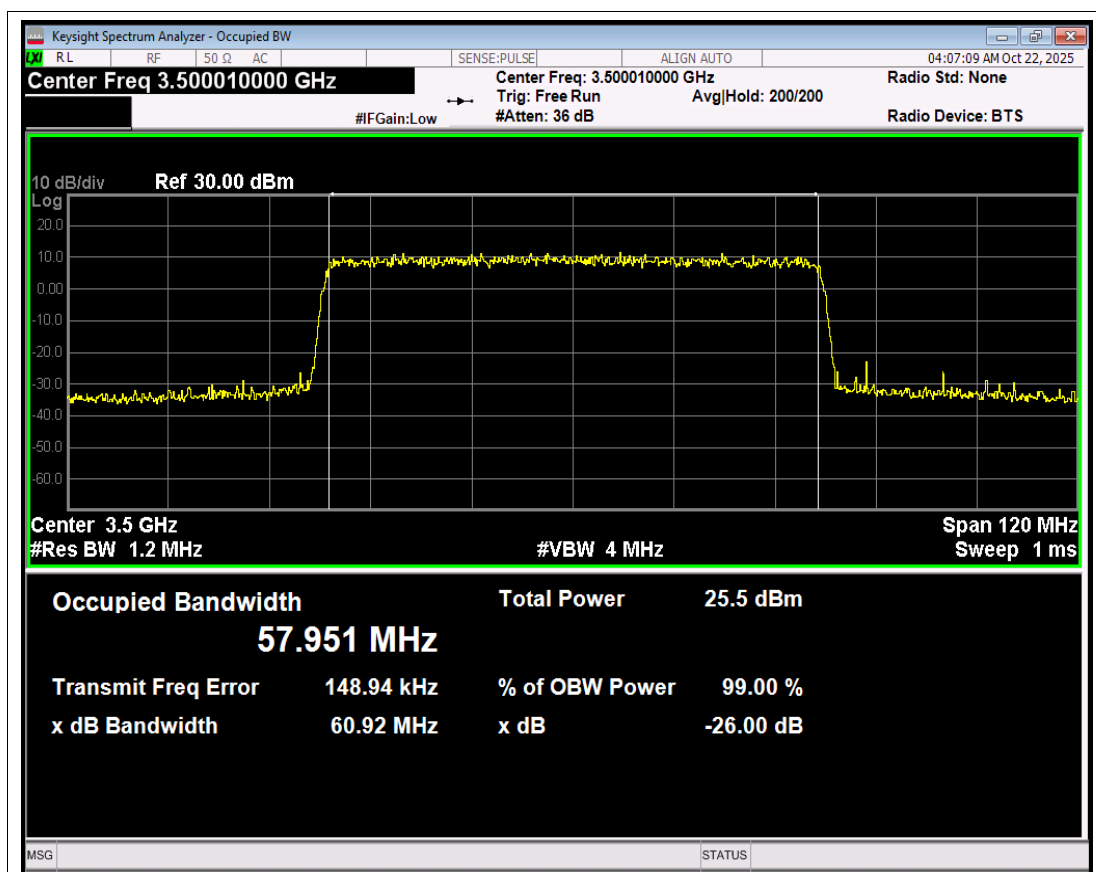
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



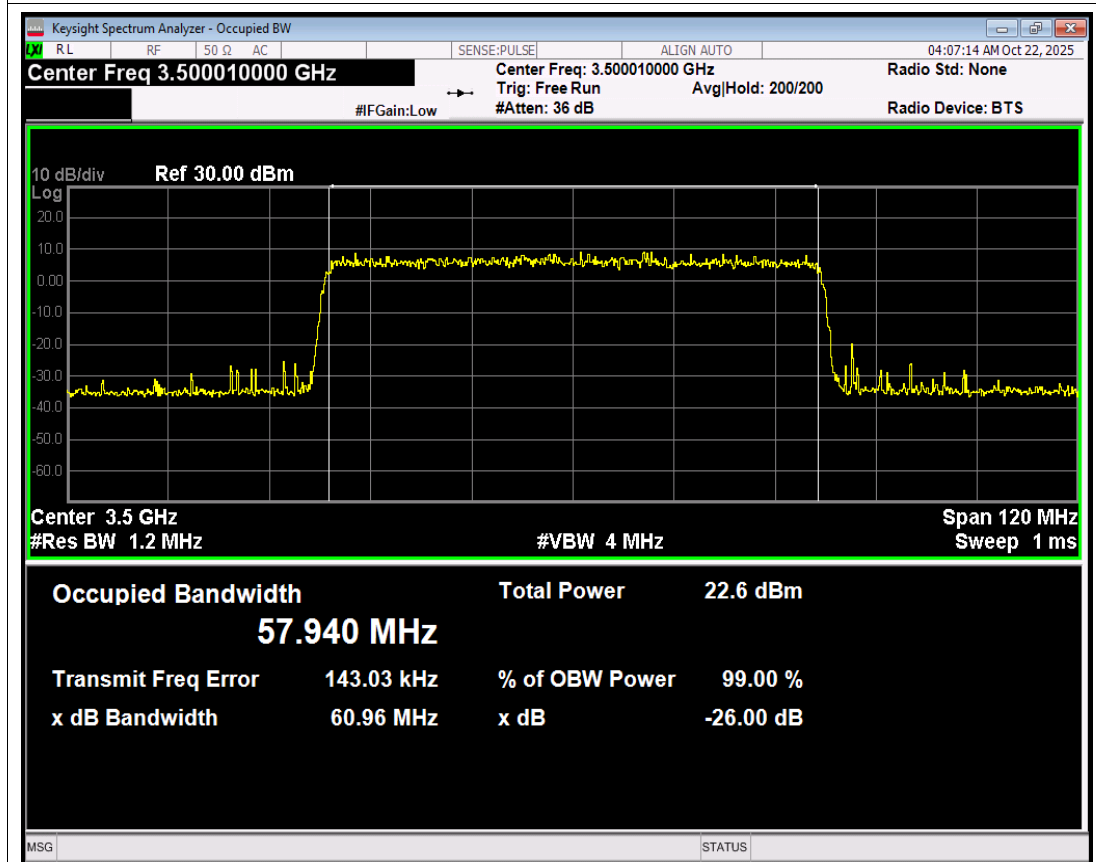
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=633334 RB=162@0



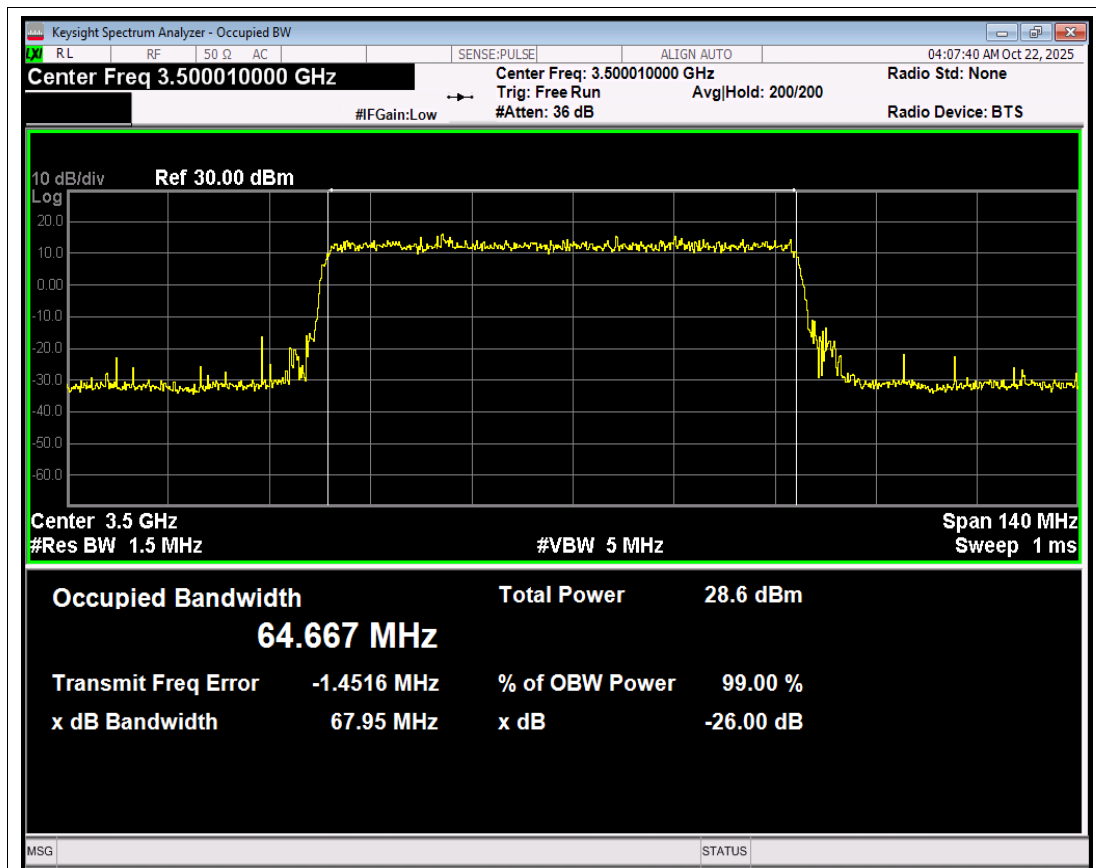
n78(3450-3550) SCS=30kHz CP_16QAM BW=60MHz Channel=633334 RB=162@0



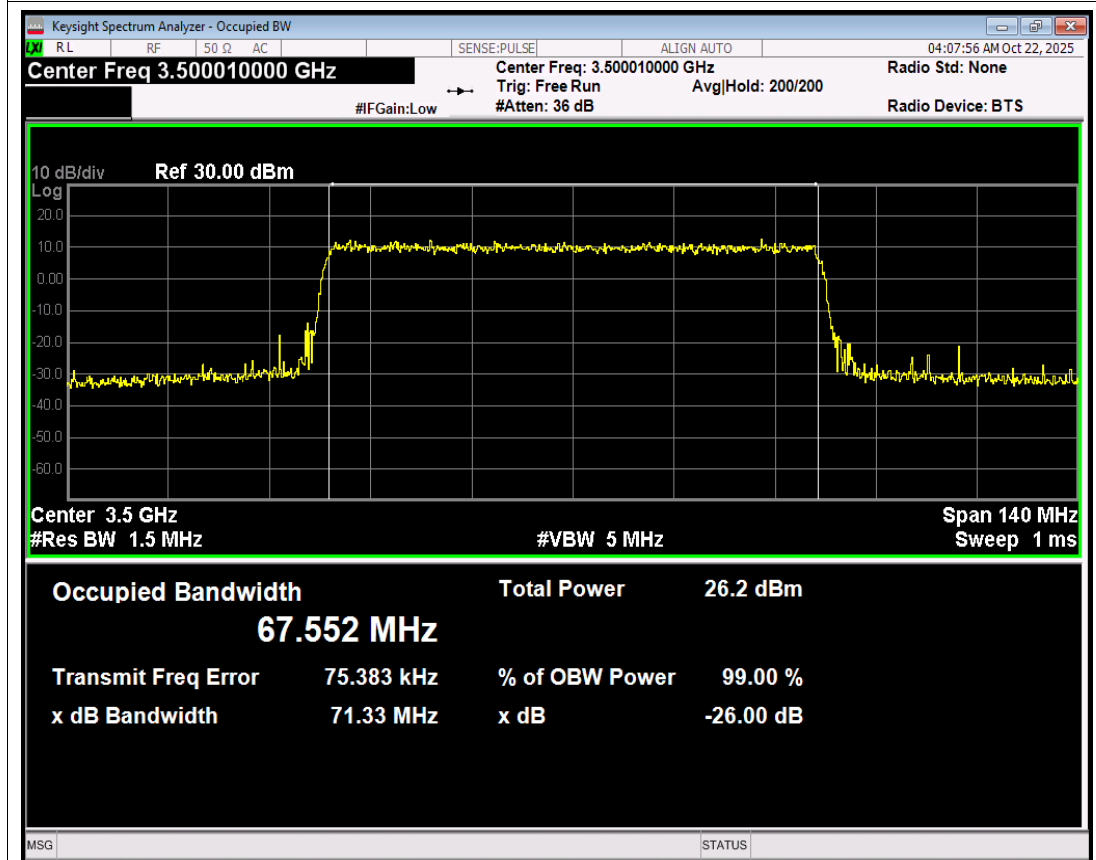
n78(3450-3550) SCS=30kHz CP_64QAM BW=60MHz Channel=633334 RB=162@0



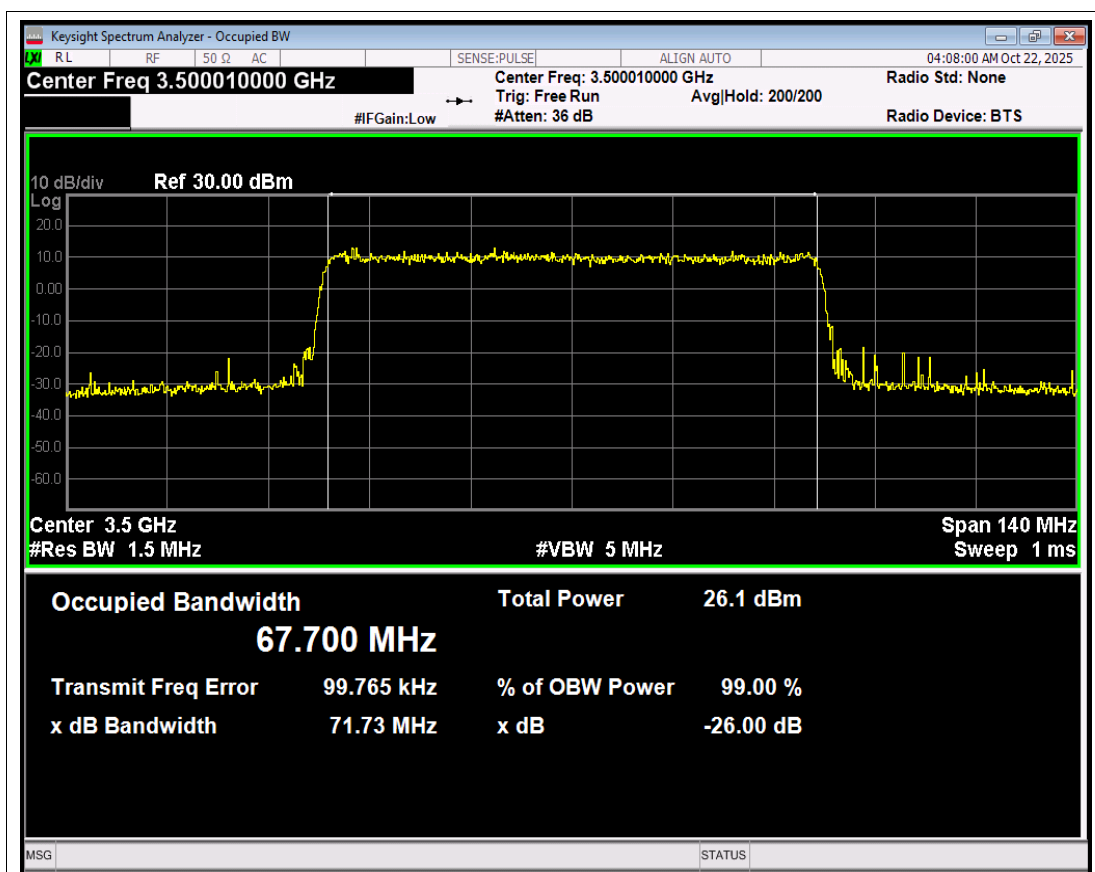
n78(3450-3550) SCS=30kHz CP_256QAM BW=60MHz Channel=633334 RB=162@0



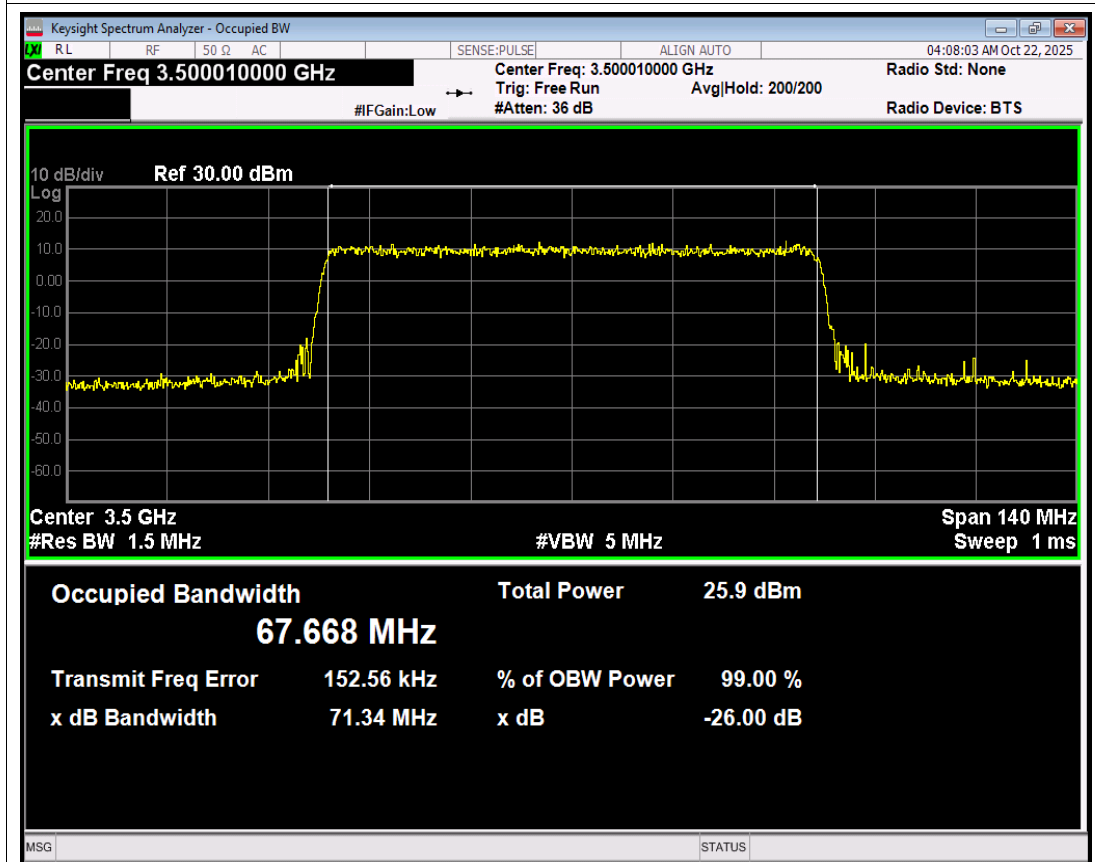
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



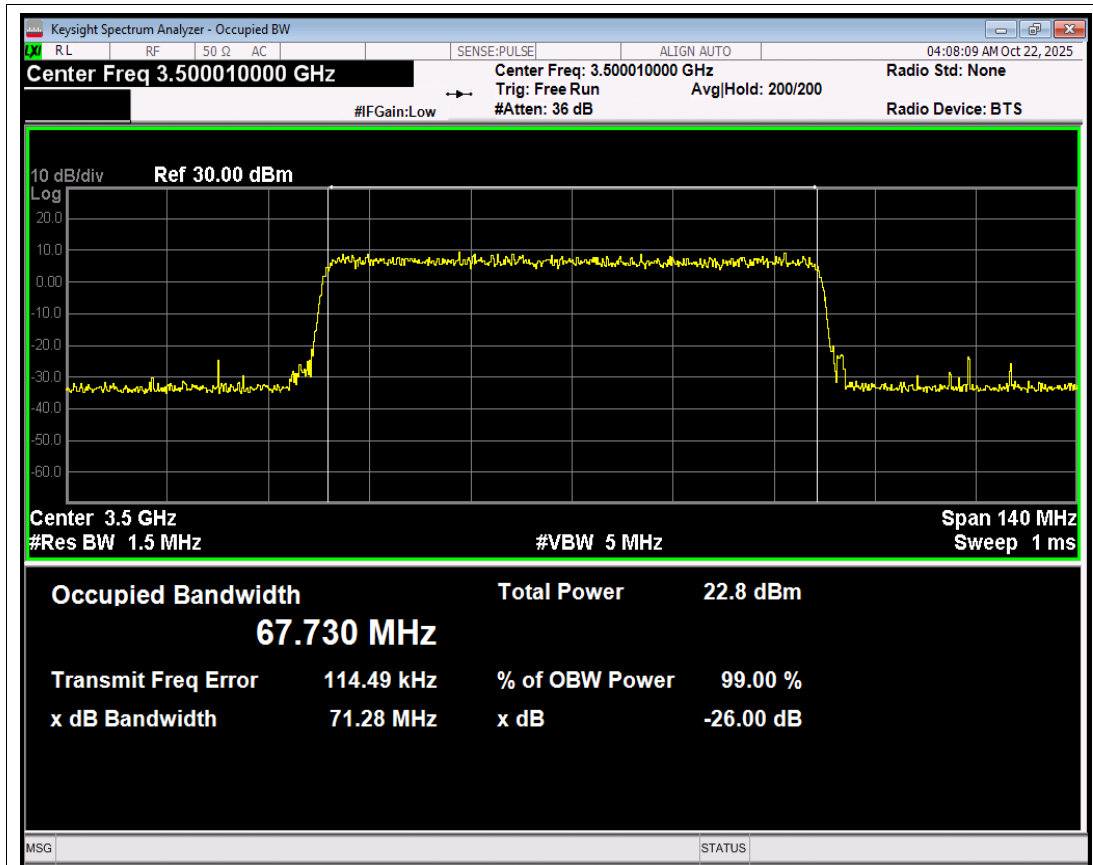
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=633334 RB=189@0



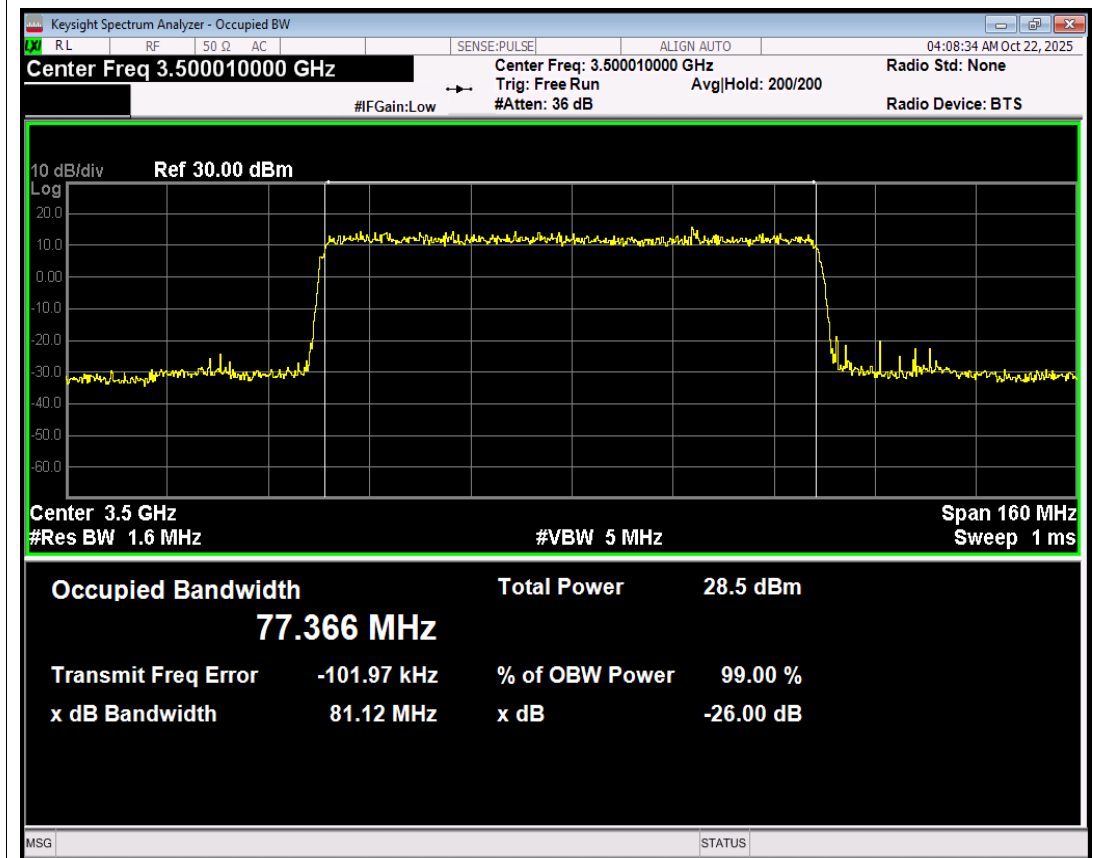
n78(3450-3550) SCS=30kHz CP_16QAM BW=70MHz Channel=633334 RB=189@0



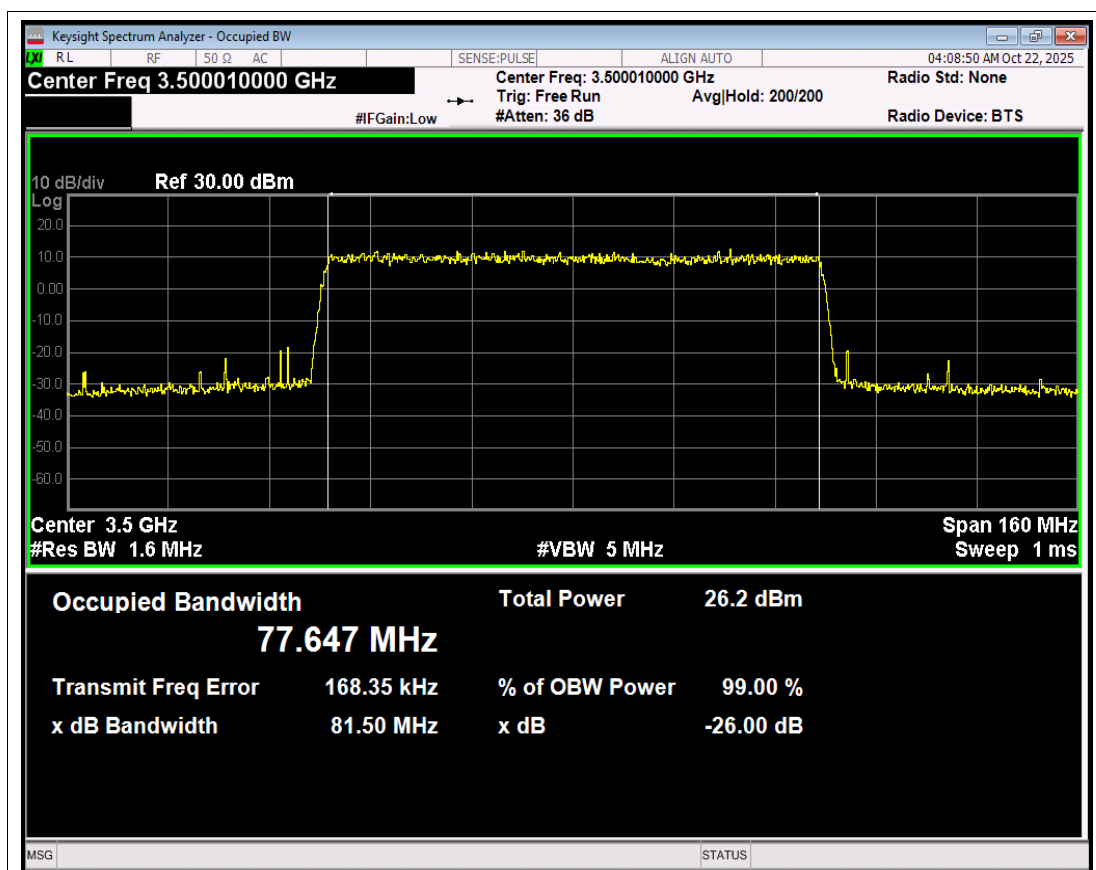
n78(3450-3550) SCS=30kHz CP_64QAM BW=70MHz Channel=633334 RB=189@0



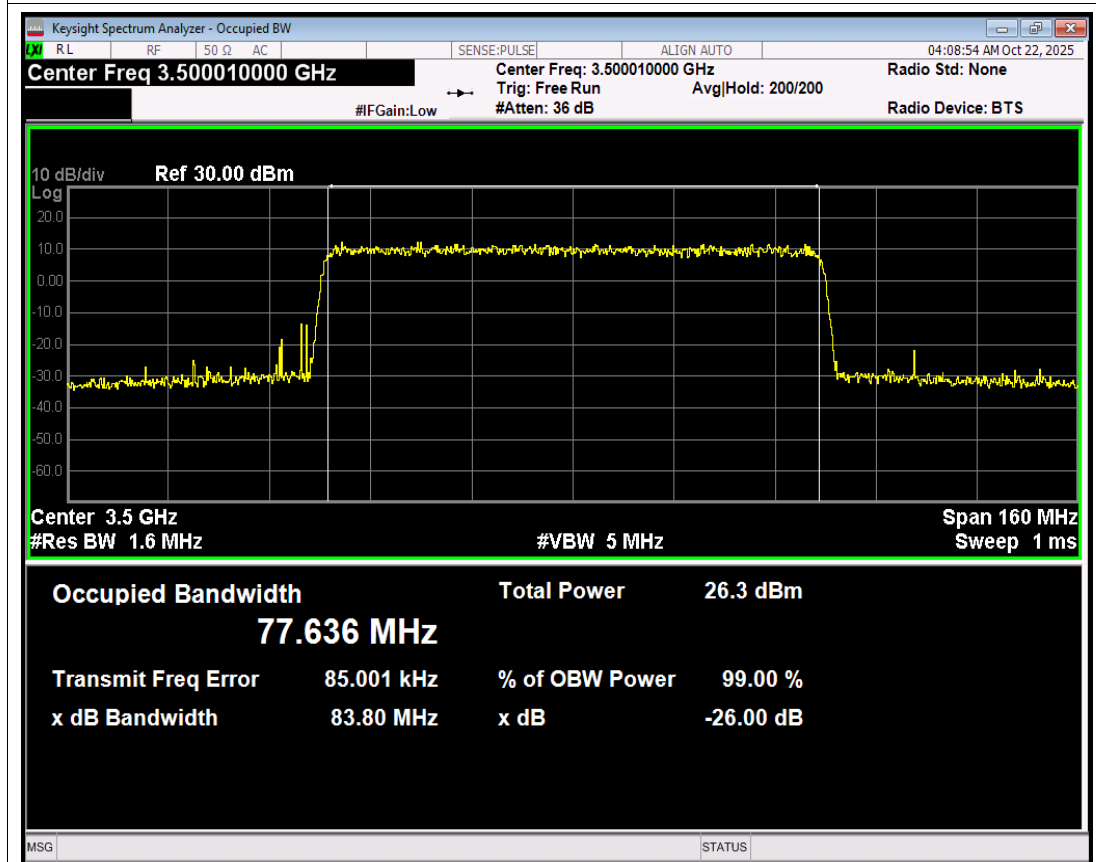
n78(3450-3550) SCS=30kHz CP_256QAM BW=70MHz Channel=633334 RB=189@0



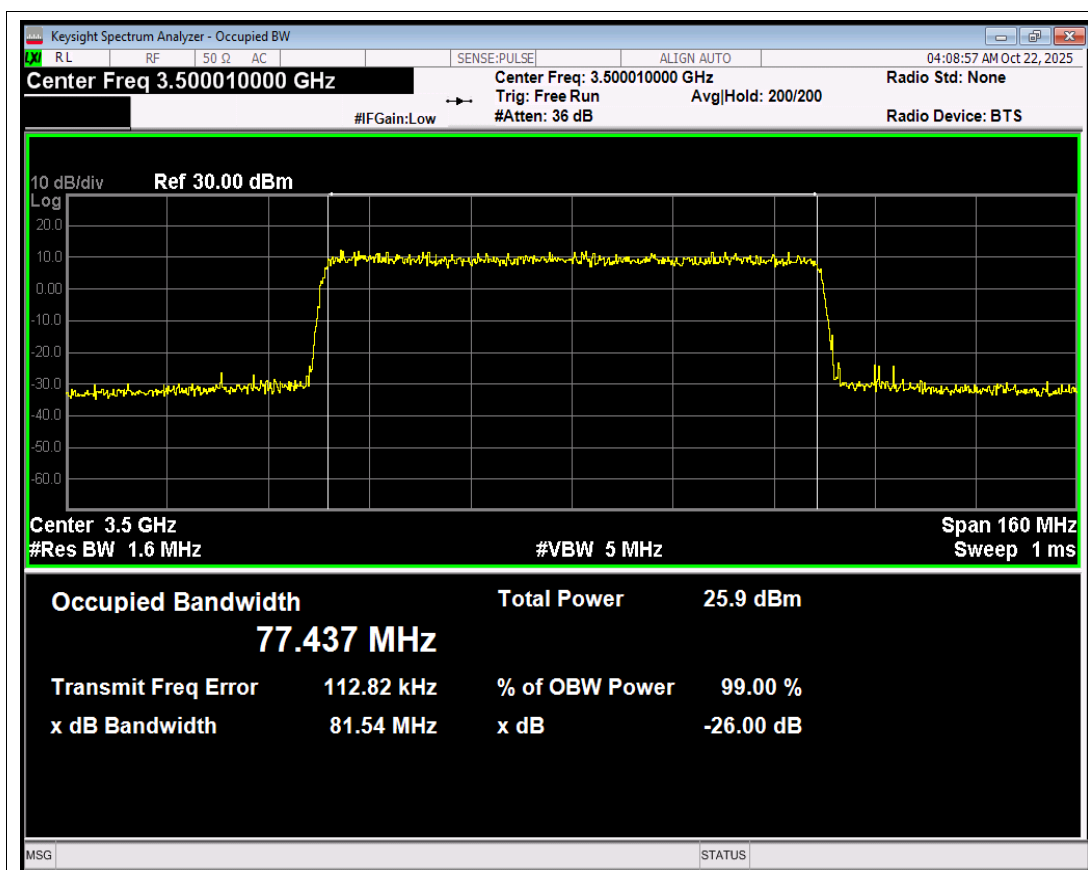
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



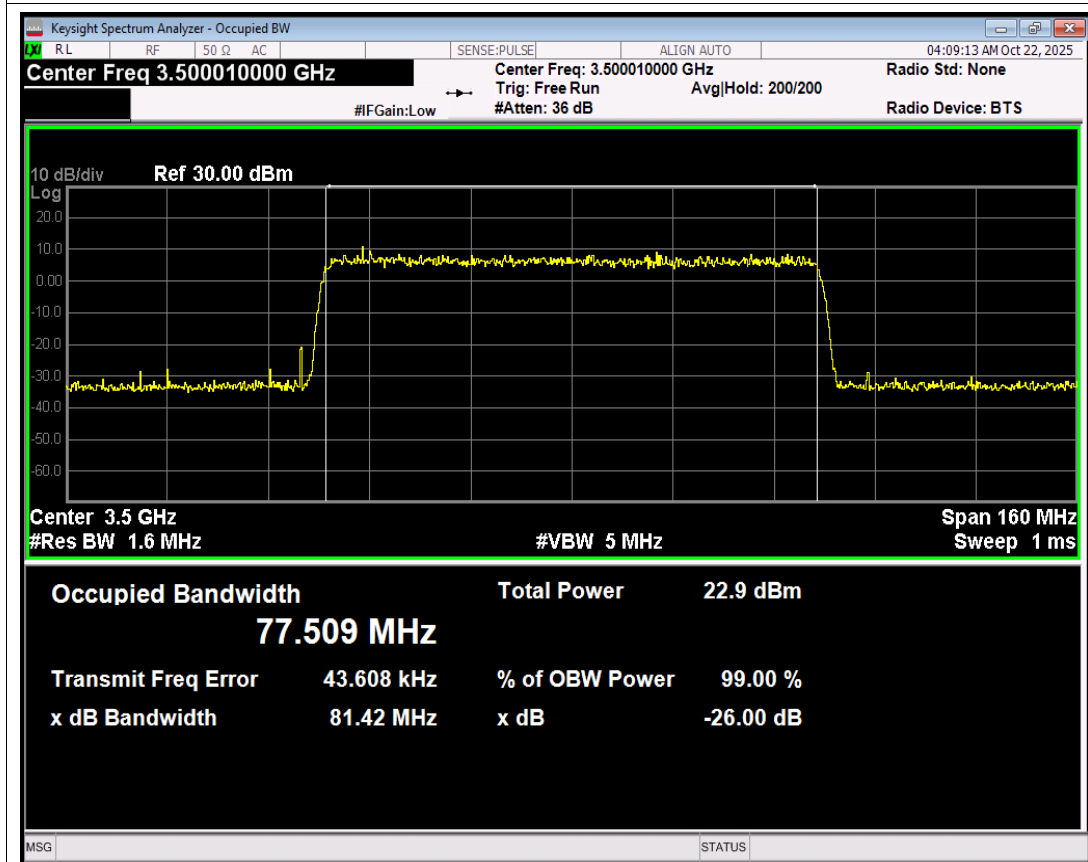
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=633334 RB=217@0



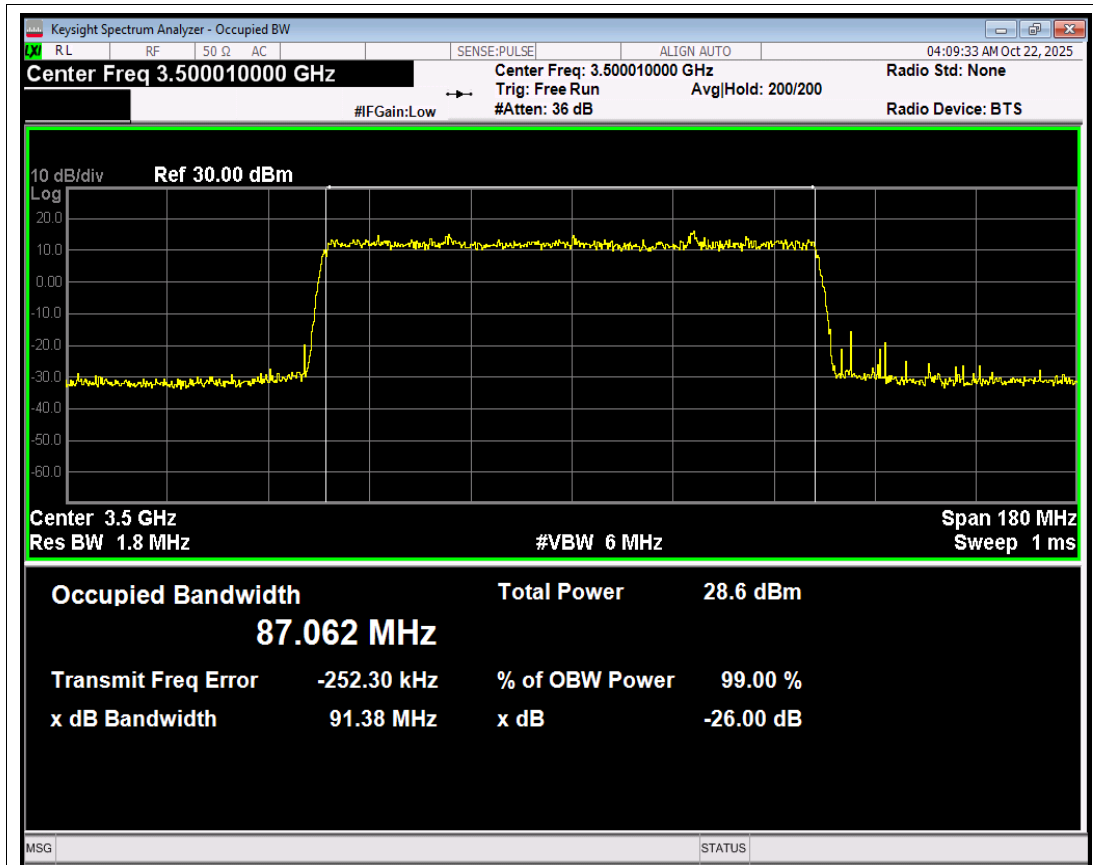
n78(3450-3550) SCS=30kHz CP_16QAM BW=80MHz Channel=633334 RB=217@0



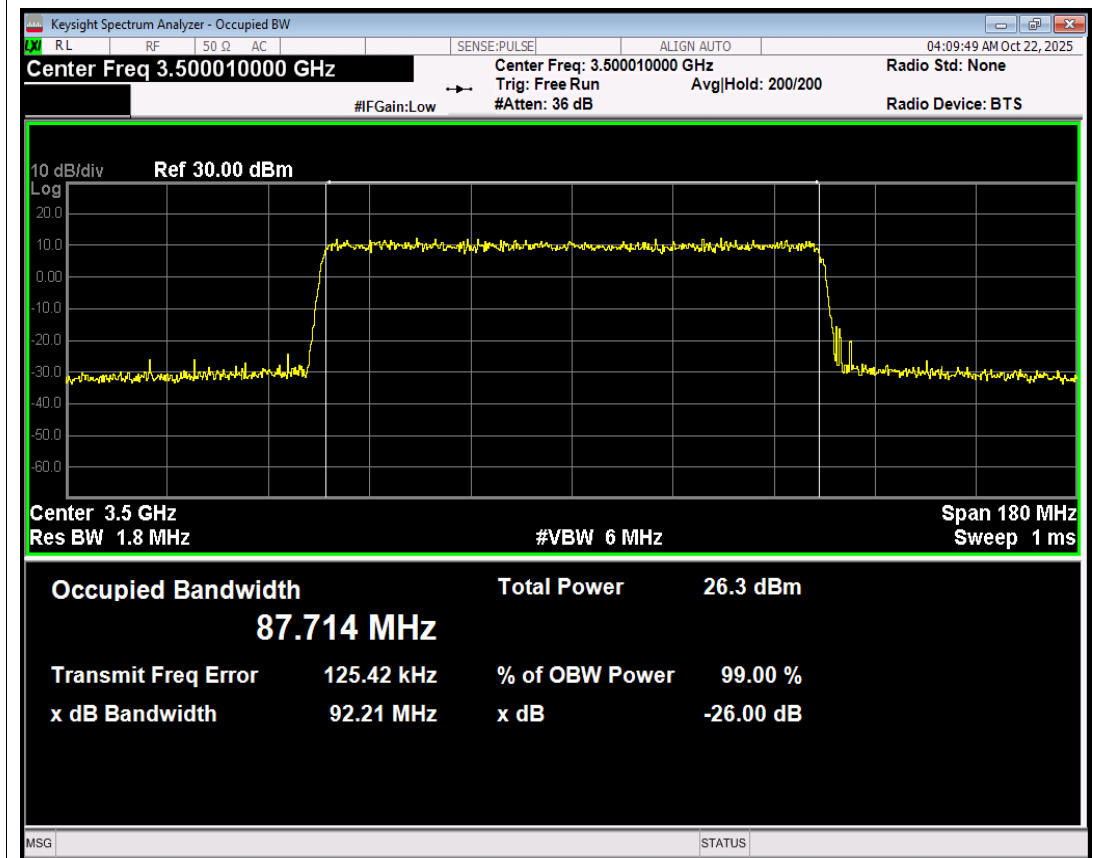
n78(3450-3550) SCS=30kHz CP_64QAM BW=80MHz Channel=633334 RB=217@0



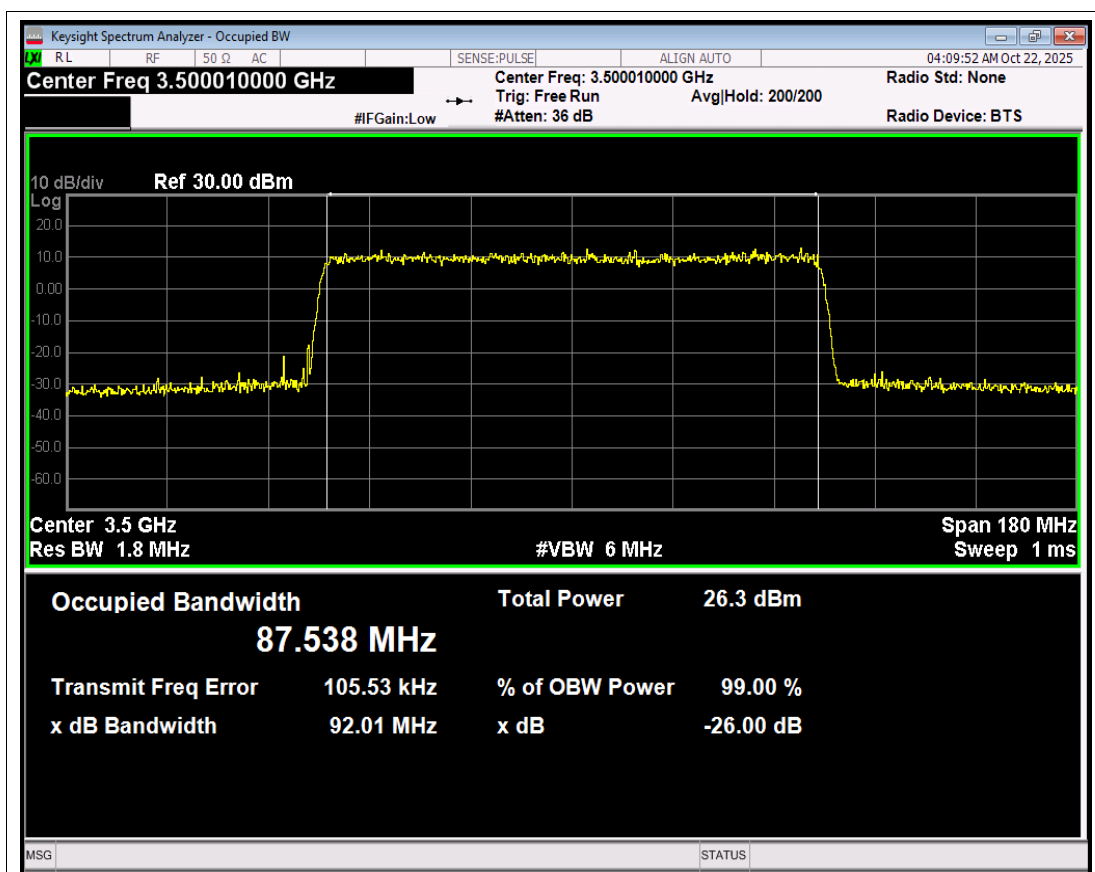
n78(3450-3550) SCS=30kHz CP_256QAM BW=80MHz Channel=633334 RB=217@0



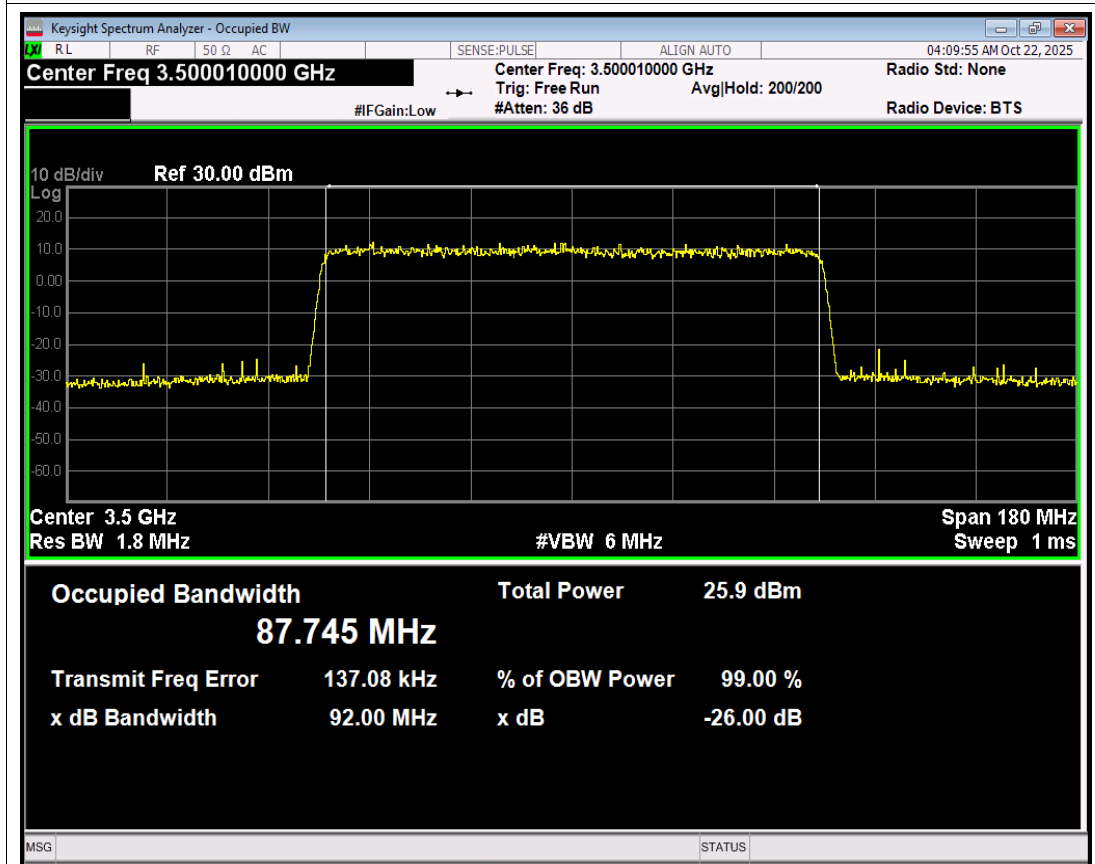
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=243@0



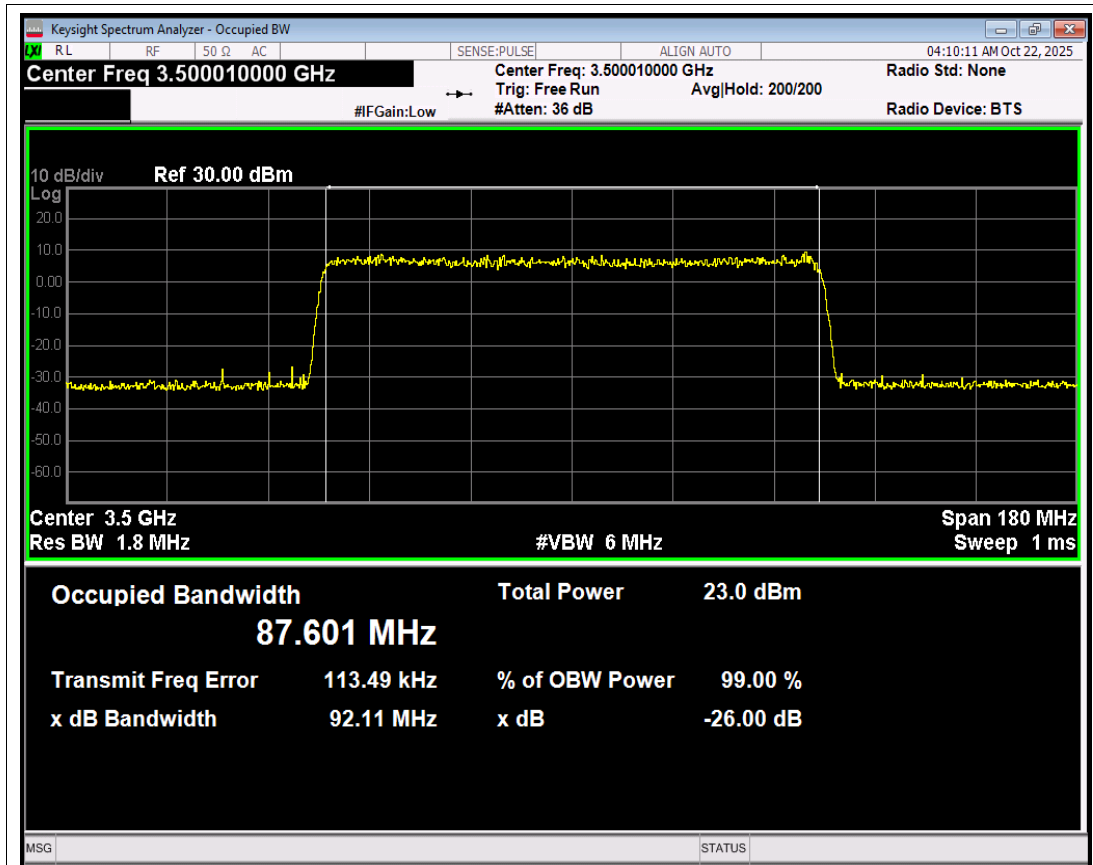
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633334 RB=245@0



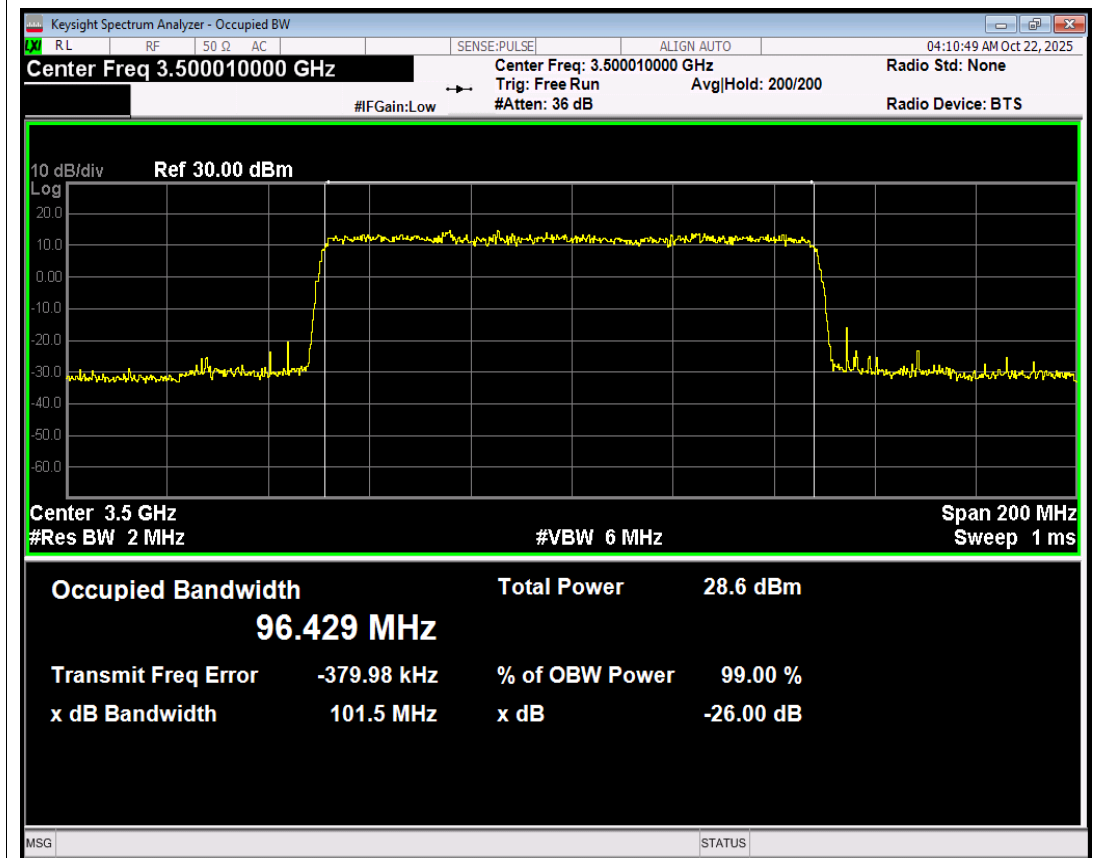
n78(3450-3550) SCS=30kHz CP_16QAM BW=90MHz Channel=633334 RB=245@0



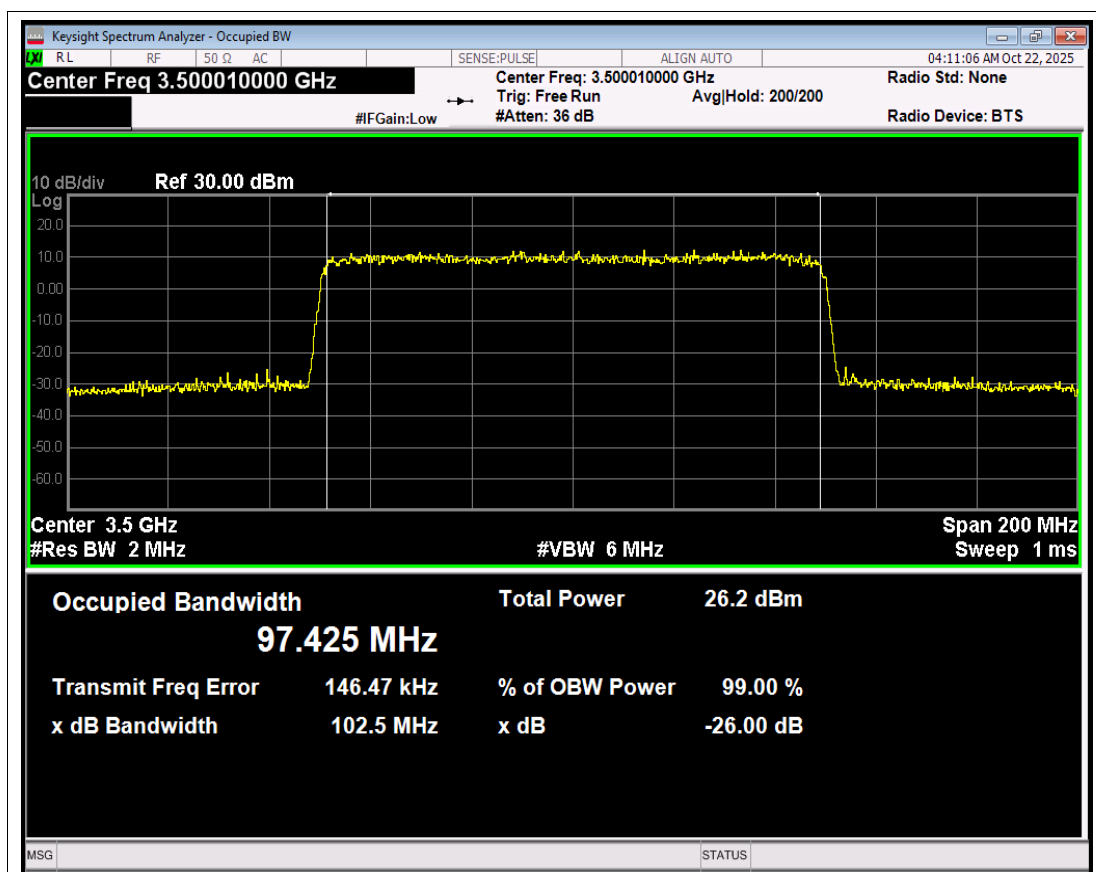
n78(3450-3550) SCS=30kHz CP_64QAM BW=90MHz Channel=633334 RB=245@0



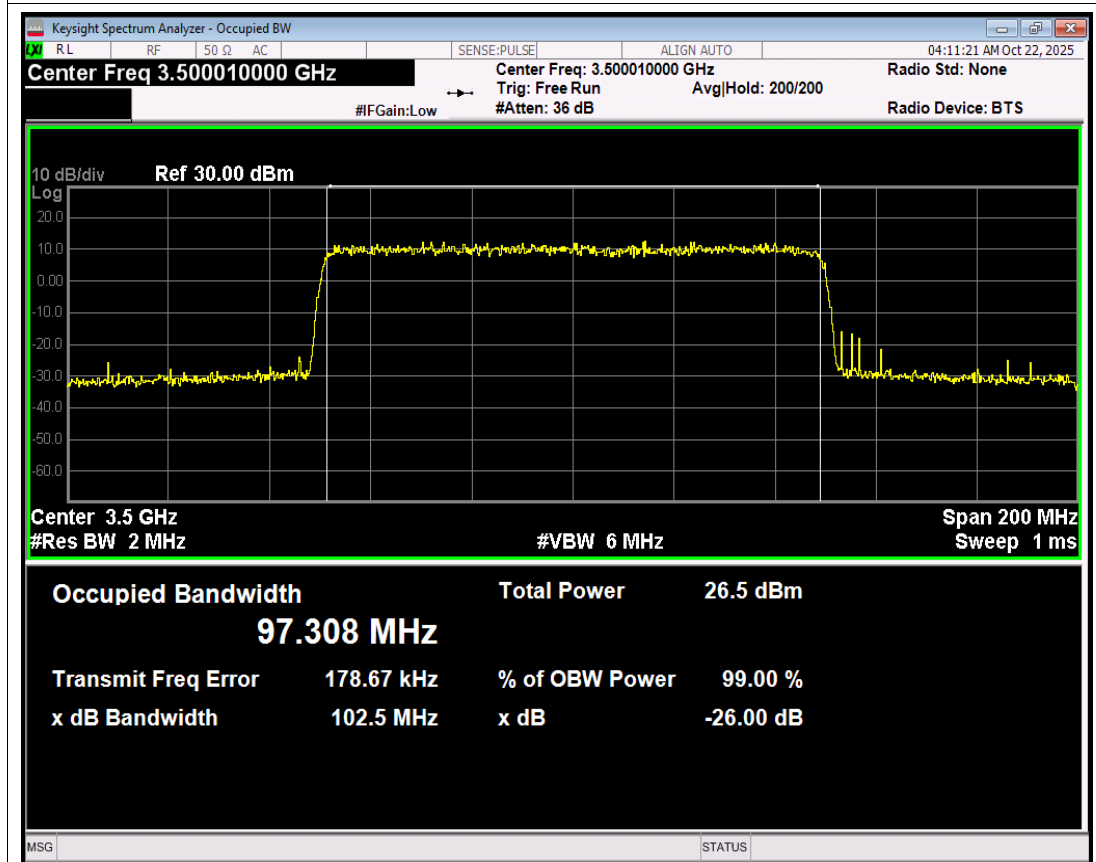
n78(3450-3550) SCS=30kHz CP_256QAM BW=90MHz Channel=633334 RB=245@0



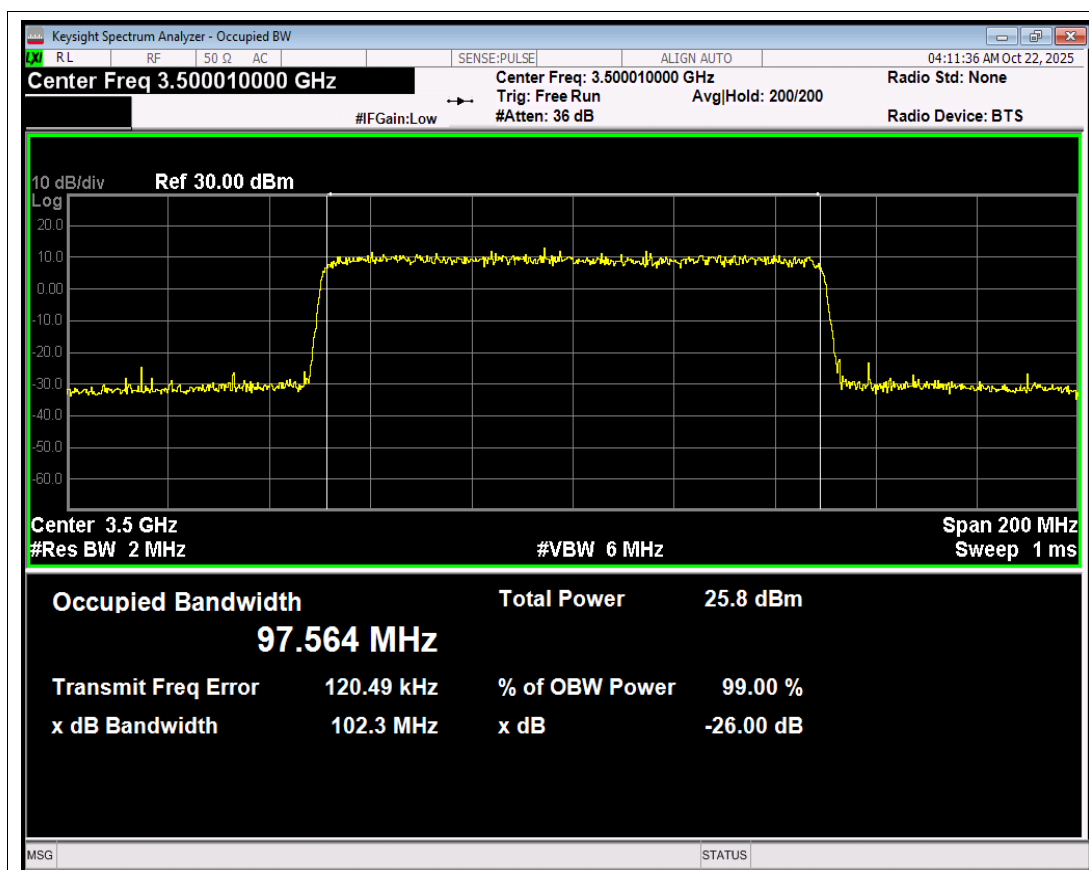
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



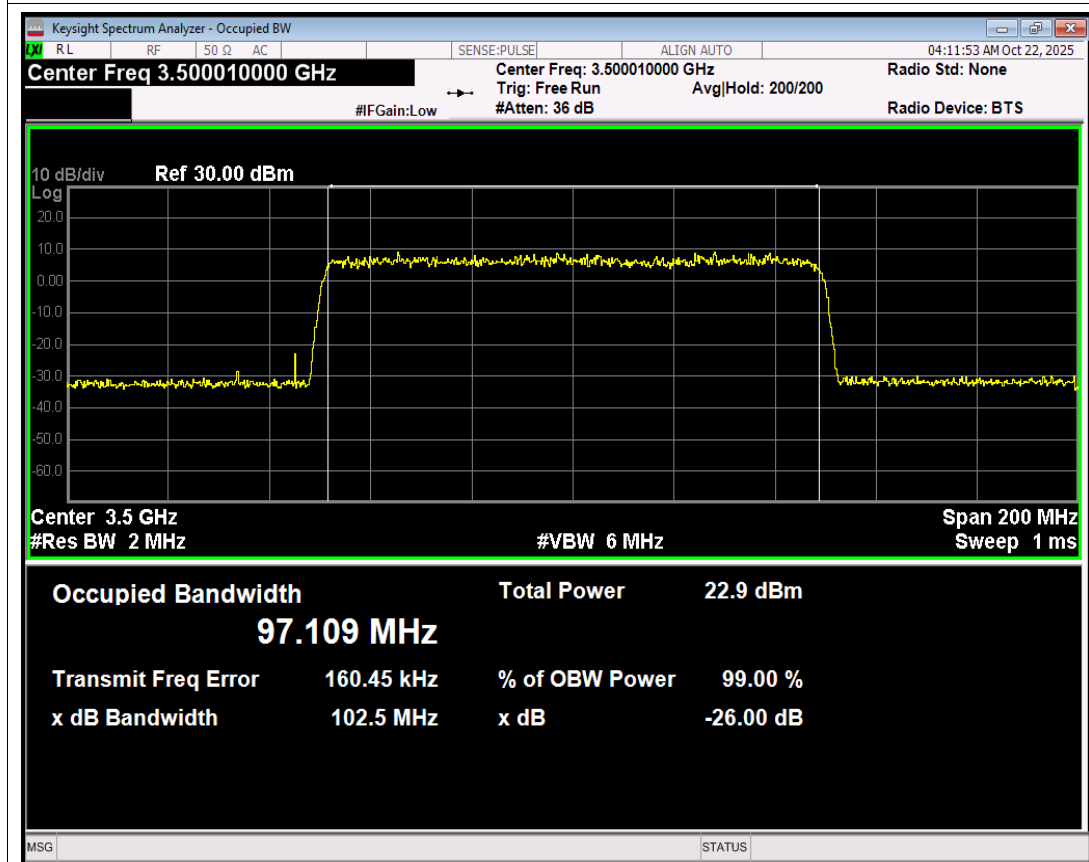
n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



n78(3450-3550) SCS=30kHz CP_16QAM BW=100MHz Channel=633334 RB=273@0



n78(3450-3550) SCS=30kHz CP_64QAM BW=100MHz Channel=633334 RB=273@0



n78(3450-3550) SCS=30kHz CP_256QAM BW=100MHz Channel=633334 RB=273@0

5. Conducted Band Edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	10	630334	1@0	DFT_BPSK	3448.84	-24.75	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	3448.94	-33.95	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_QPSK	3448.92	-30.67	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	3448.81	-36.56	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_16QAM	3449.00	-28.50	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	3448.58	-39.40	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_64QAM	3449.99	-33.02	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	3448.92	-36.78	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_256QAM	3448.98	-37.16	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	3448.92	-41.40	-13	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	3448.84	-30.03	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_BPSK	3550.03	-31.74	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	3551.09	-37.41	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_QPSK	3551.69	-32.28	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	3554.20	-40.20	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_16QAM	3550.02	-31.75	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	3551.78	-35.95	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_64QAM	3550.02	-32.88	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	3551.10	-39.05	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_256QAM	3558.04	-44.53	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	3552.04	-39.89	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	3551.66	-38.63	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_BPSK	3449.99	-24.99	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	3448.76	-37.21	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_QPSK	3449.94	-27.58	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	3448.70	-37.39	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_16QAM	3449.97	-27.84	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	3448.73	-39.06	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_64QAM	3449.98	-30.85	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	3448.70	-39.32	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_256QAM	3449.96	-30.24	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	3441.79	-42.20	-13	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	3448.81	-36.77	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_BPSK	3550.00	-27.36	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	3552.46	-41.15	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_QPSK	3550.02	-26.40	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	3552.08	-41.05	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_16QAM	3550.07	-30.61	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	3552.42	-39.43	-13	PASS

n78(3450-3550)	30	15	636166	1@37	DFT_64QAM	3550.02	-29.97	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	3551.12	-38.00	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_256QAM	3550.00	-31.00	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	3551.83	-41.17	-13	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	3551.90	-27.10	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_BPSK	3449.98	-26.84	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	3448.90	-39.23	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	3450.00	-27.86	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	3449.84	-38.33	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_16QAM	3450.00	-25.20	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	3448.82	-39.11	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_64QAM	3449.99	-29.05	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	3449.99	-42.65	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_256QAM	3449.93	-31.02	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	3449.97	-43.85	-13	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	3447.87	-40.87	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_BPSK	3550.07	-28.51	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	3550.11	-41.35	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	3550.06	-29.38	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	3551.16	-40.21	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_16QAM	3550.00	-28.11	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	3551.67	-40.99	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_64QAM	3550.02	-28.53	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	3551.12	-40.31	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_256QAM	3550.00	-25.89	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	3556.64	-43.93	-13	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	3550.01	-40.83	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_BPSK	3449.98	-23.76	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	3448.98	-41.97	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_QPSK	3449.97	-28.89	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	3449.88	-42.81	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_16QAM	3449.99	-27.58	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	3443.88	-43.28	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_64QAM	3449.98	-29.14	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	3444.16	-43.08	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_256QAM	3450.00	-31.29	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	3448.93	-44.48	-13	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	3448.83	-41.68	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_BPSK	3550.02	-24.35	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	3559.79	-43.45	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_QPSK	3550.07	-29.42	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	3555.04	-41.84	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_16QAM	3550.08	-30.38	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	3558.15	-43.00	-13	PASS

n78(3450-3550)	30	40	635332	1@105	DFT_64QAM	3550.05	-28.61	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	3551.33	-42.00	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_256QAM	3550.01	-27.65	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	3555.60	-43.23	-13	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	3551.49	-30.38	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_BPSK	3449.80	-21.91	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	3444.64	-42.04	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_QPSK	3449.93	-29.25	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	3444.60	-42.32	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_16QAM	3449.92	-28.18	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	3446.22	-43.09	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_64QAM	3449.91	-28.28	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	3444.46	-43.84	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_256QAM	3449.79	-26.79	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	3448.32	-44.27	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	3442.62	-34.82	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_BPSK	3550.03	-26.58	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	3551.36	-42.38	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_QPSK	3550.03	-26.50	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	3552.49	-42.15	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_16QAM	3550.06	-26.16	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	3555.32	-43.14	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_64QAM	3550.05	-27.23	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	3557.97	-42.88	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_256QAM	3550.08	-28.96	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	3556.04	-43.49	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	3597.35	-43.80	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_BPSK	3449.97	-18.88	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	3448.43	-42.64	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_QPSK	3449.97	-26.39	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	3448.52	-41.49	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_16QAM	3449.97	-26.40	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	3448.88	-43.69	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_64QAM	3449.90	-27.30	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	3442.20	-44.15	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_256QAM	3449.90	-31.42	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	3444.50	-44.68	-13	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	3442.03	-44.01	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_BPSK	3550.03	-21.48	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	3550.00	-42.17	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_QPSK	3550.09	-28.12	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	3552.06	-42.48	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_16QAM	3550.07	-30.68	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	3551.10	-43.47	-13	PASS

n78(3450-3550)	30	60	634666	1@161	DFT_64QAM	3550.04	-27.80	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	3550.07	-43.87	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_256QAM	3550.03	-28.20	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	3551.30	-43.75	-13	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	3559.68	-31.06	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_BPSK	3449.97	-20.43	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	3448.56	-43.68	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_QPSK	3449.98	-26.01	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	3449.73	-41.74	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_16QAM	3449.84	-28.61	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	3447.70	-43.72	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_64QAM	3449.88	-27.02	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	3425.18	-44.01	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_256QAM	3449.99	-28.76	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	3429.86	-44.42	-13	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	3440.00	-43.87	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_BPSK	3550.06	-24.32	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	3572.42	-44.17	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_QPSK	3550.02	-25.70	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	3551.27	-42.41	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_16QAM	3550.11	-28.80	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	3561.18	-44.28	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_64QAM	3550.02	-29.10	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	3557.86	-44.33	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_256QAM	3550.00	-25.38	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	3551.33	-44.48	-13	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	3612.52	-45.99	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_BPSK	3449.98	-27.51	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	3431.27	-43.67	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_QPSK	3449.98	-26.94	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	3448.78	-42.64	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_16QAM	3449.98	-26.57	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	3438.93	-44.00	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_64QAM	3450.00	-29.19	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	3404.65	-44.12	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_256QAM	3450.00	-23.40	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	3406.98	-44.55	-13	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	3433.15	-43.86	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_BPSK	3550.04	-23.06	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	3567.08	-43.26	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_QPSK	3550.05	-27.02	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	3570.30	-43.60	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_16QAM	3550.02	-26.62	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	3551.75	-43.65	-13	PASS