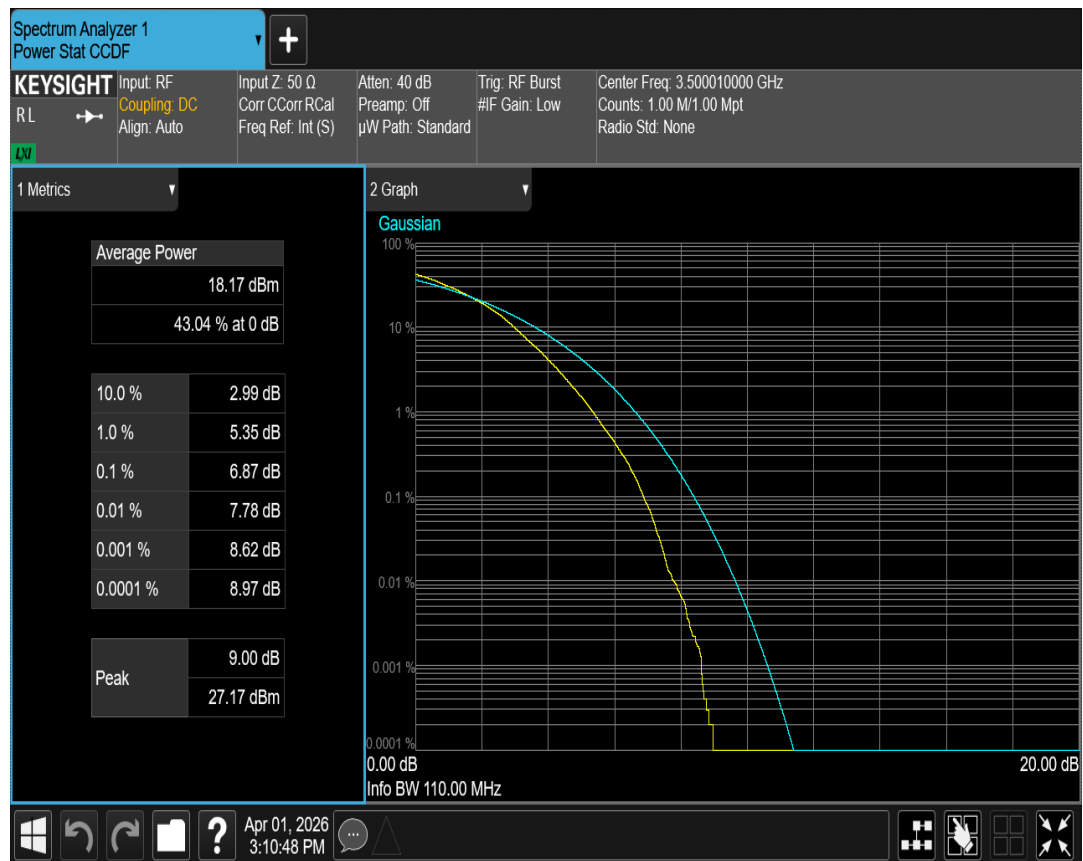
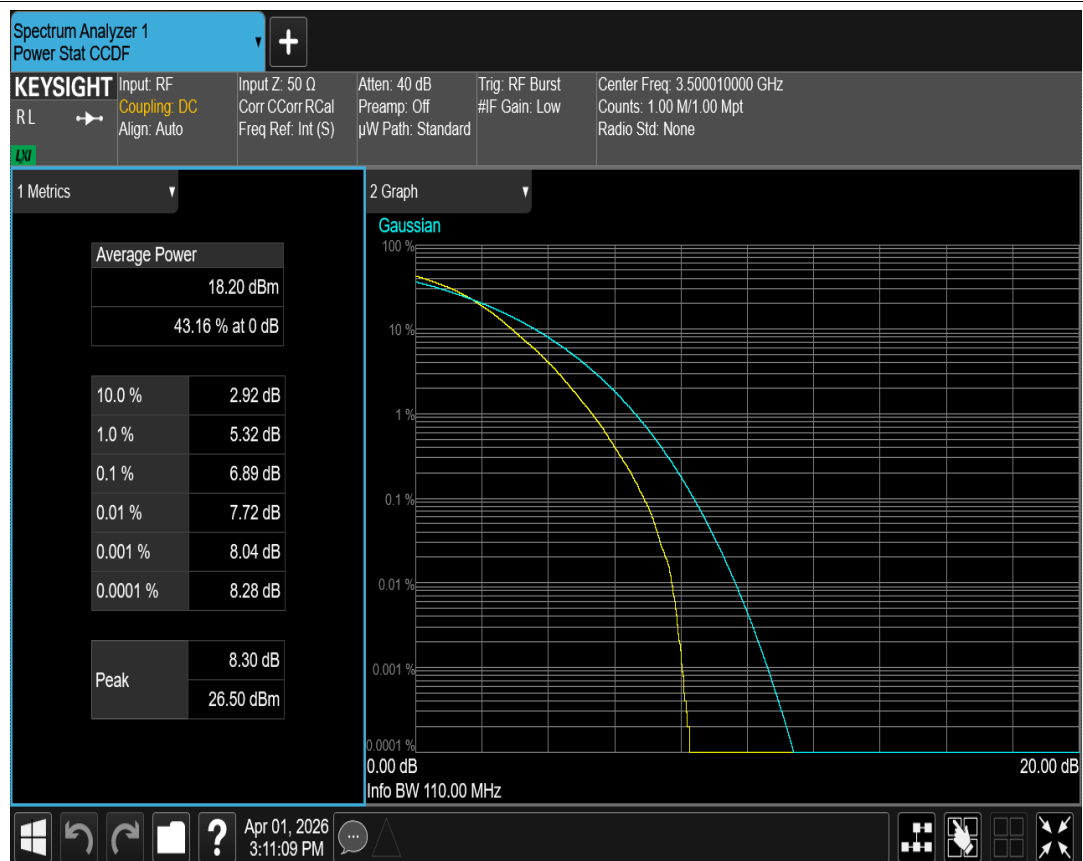
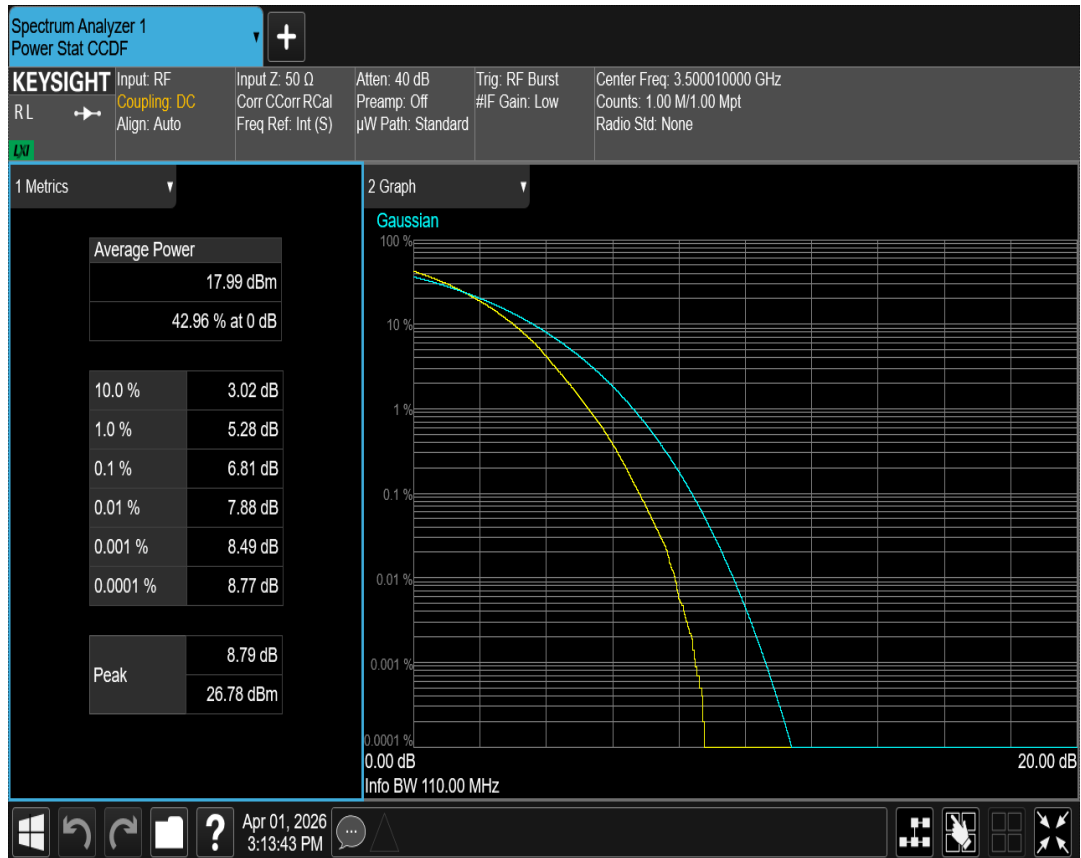




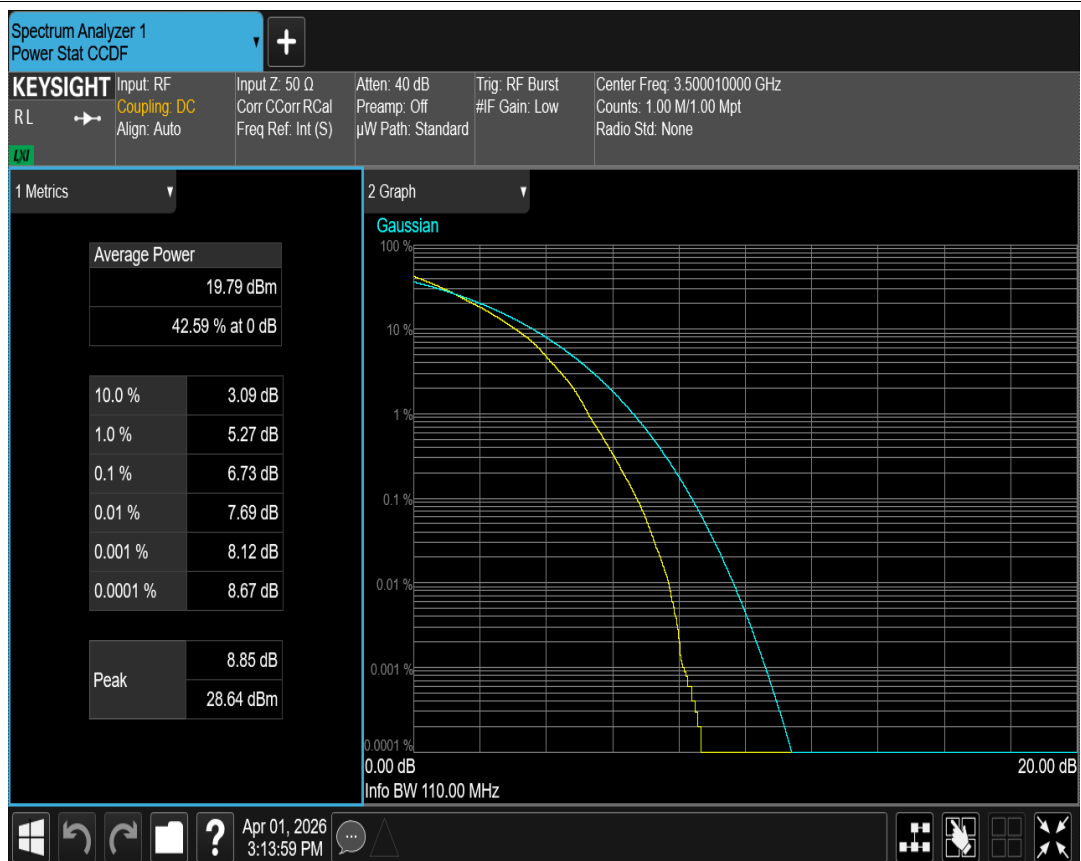
n78(3450-3550) SCS=30kHz DFT_256QAM BW=10MHz Channel=633334 RB=24@0



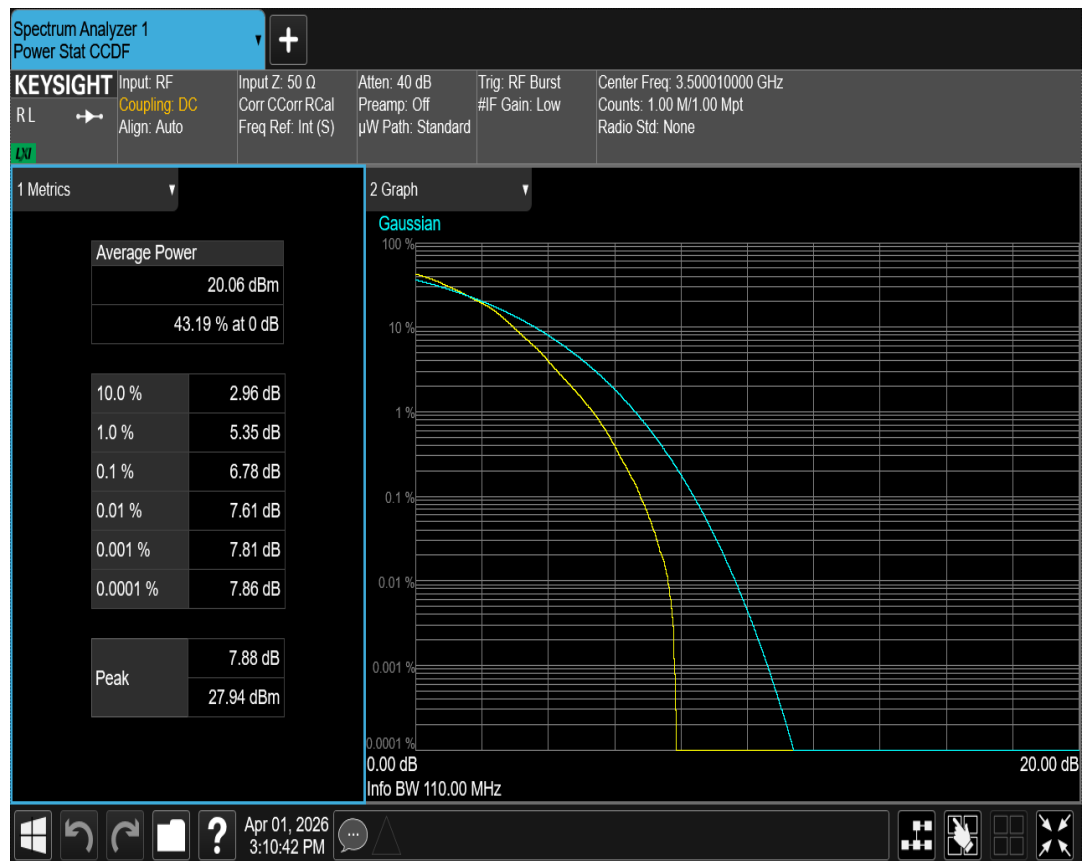
n78(3450-3550) SCS=30kHz DFT_256QAM BW=15MHz Channel=633334 RB=36@0



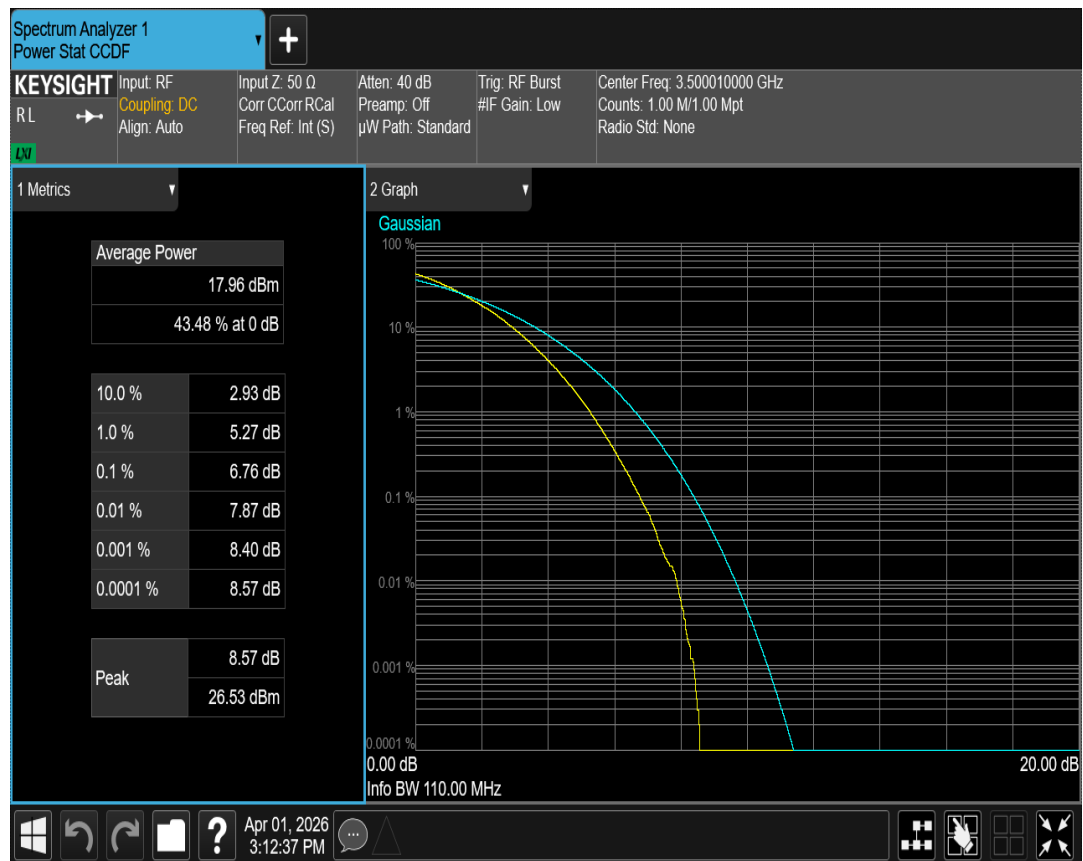
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz Channel=633334 RB=243@0



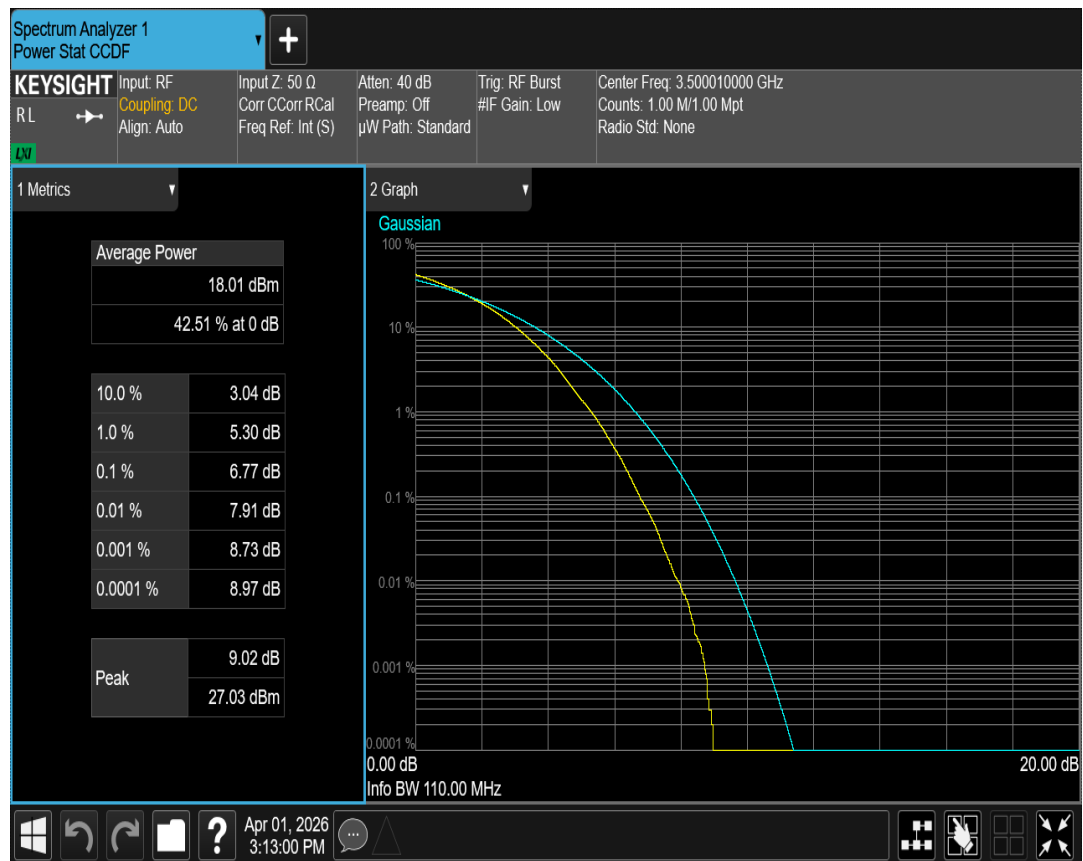
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz Channel=633334 RB=270@0



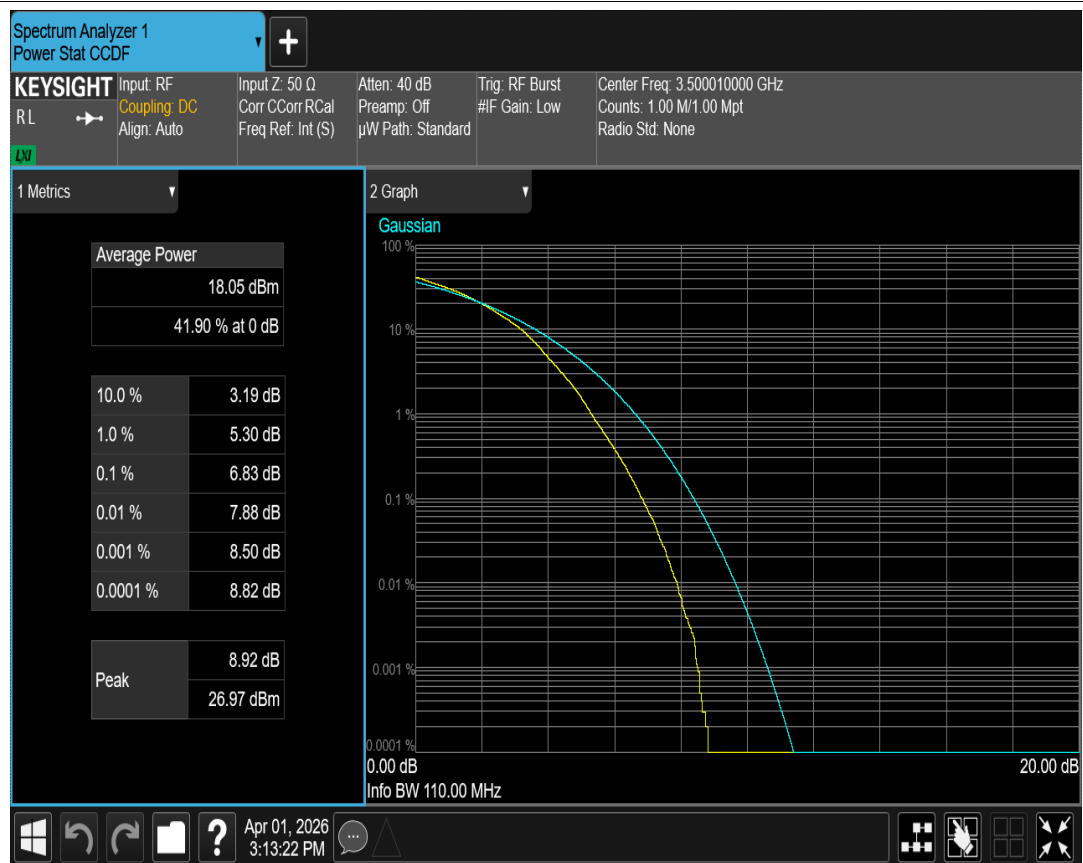
n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz Channel=633334 RB=24@0



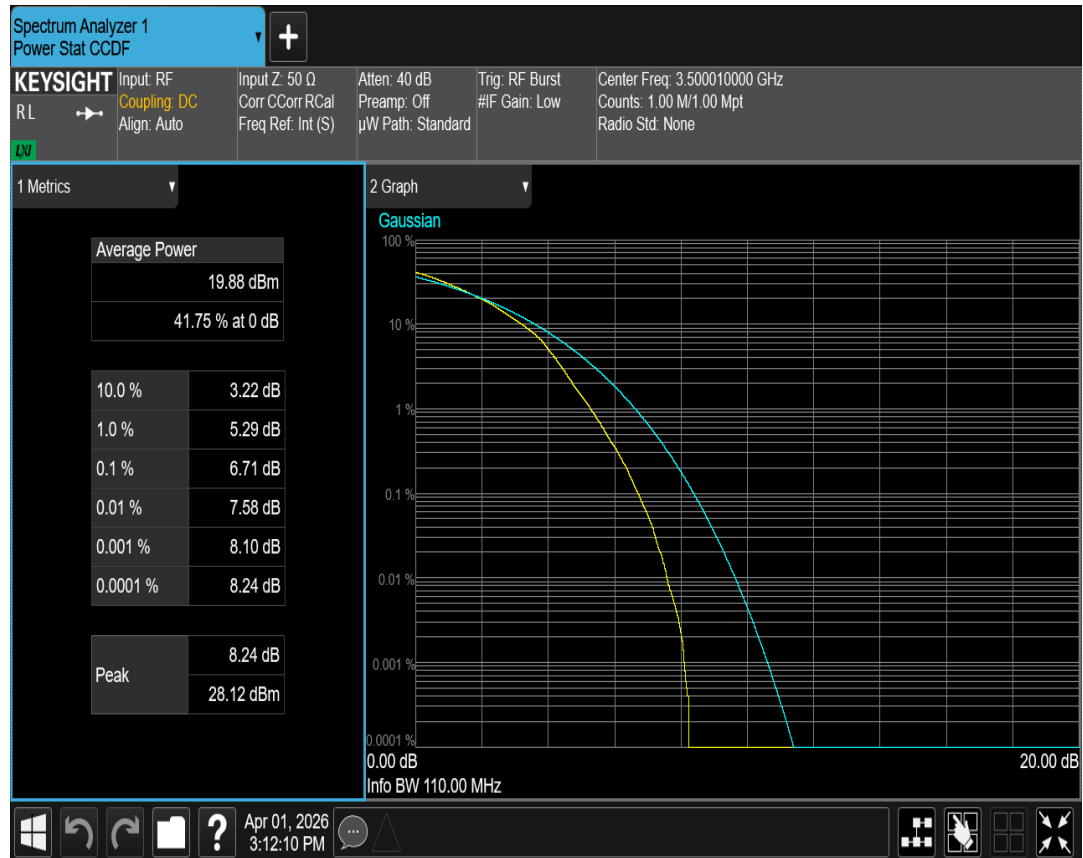
n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz Channel=633334 RB=162@0



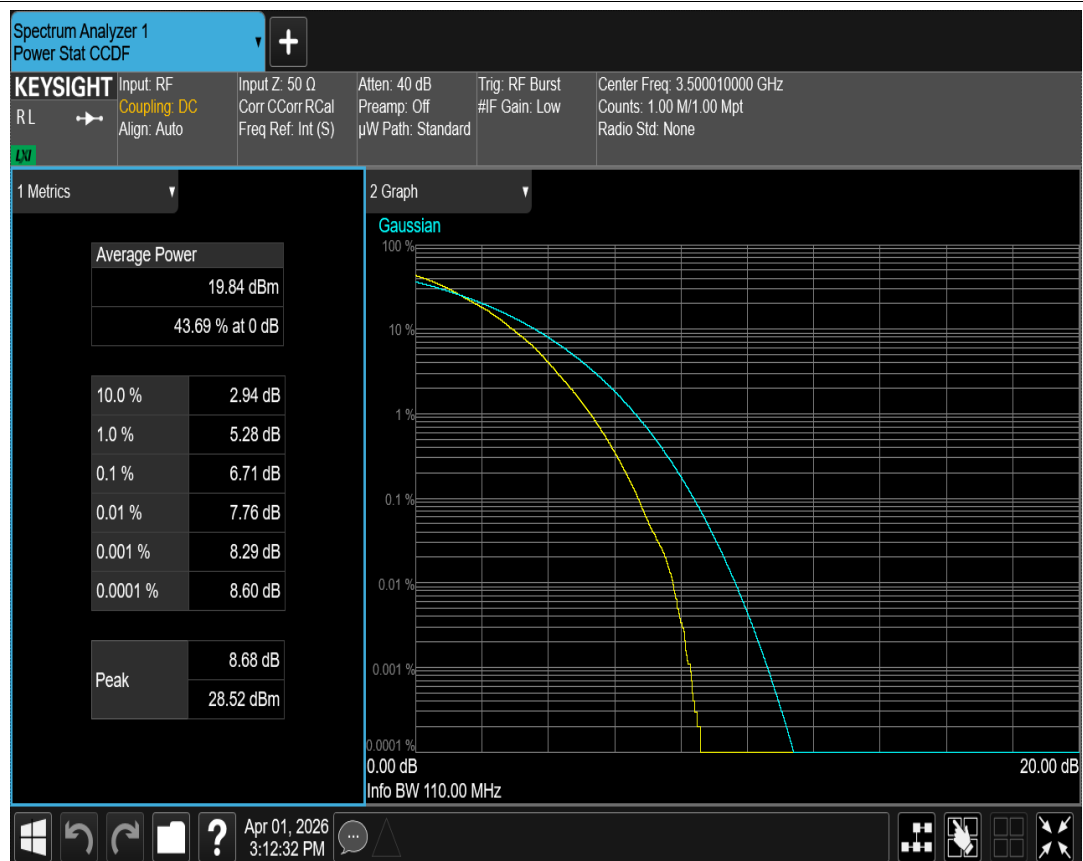
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz Channel=633334 RB=180@0



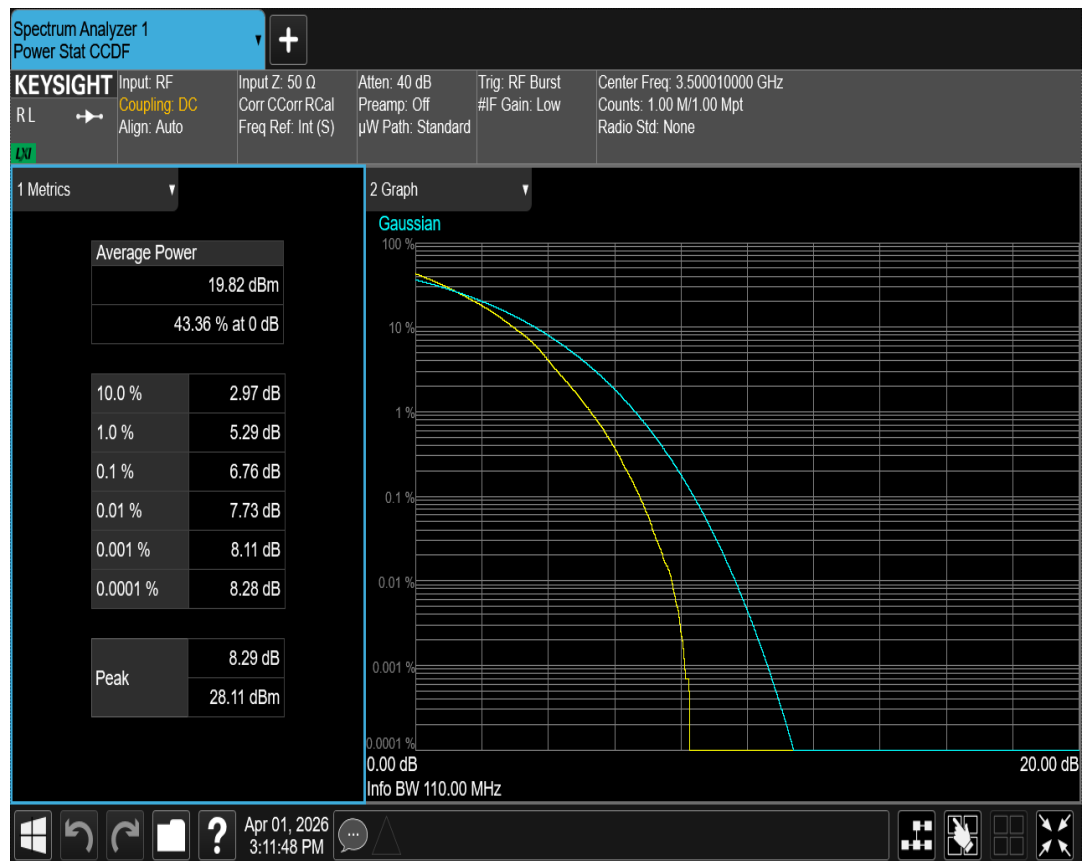
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz Channel=633334 RB=216@0



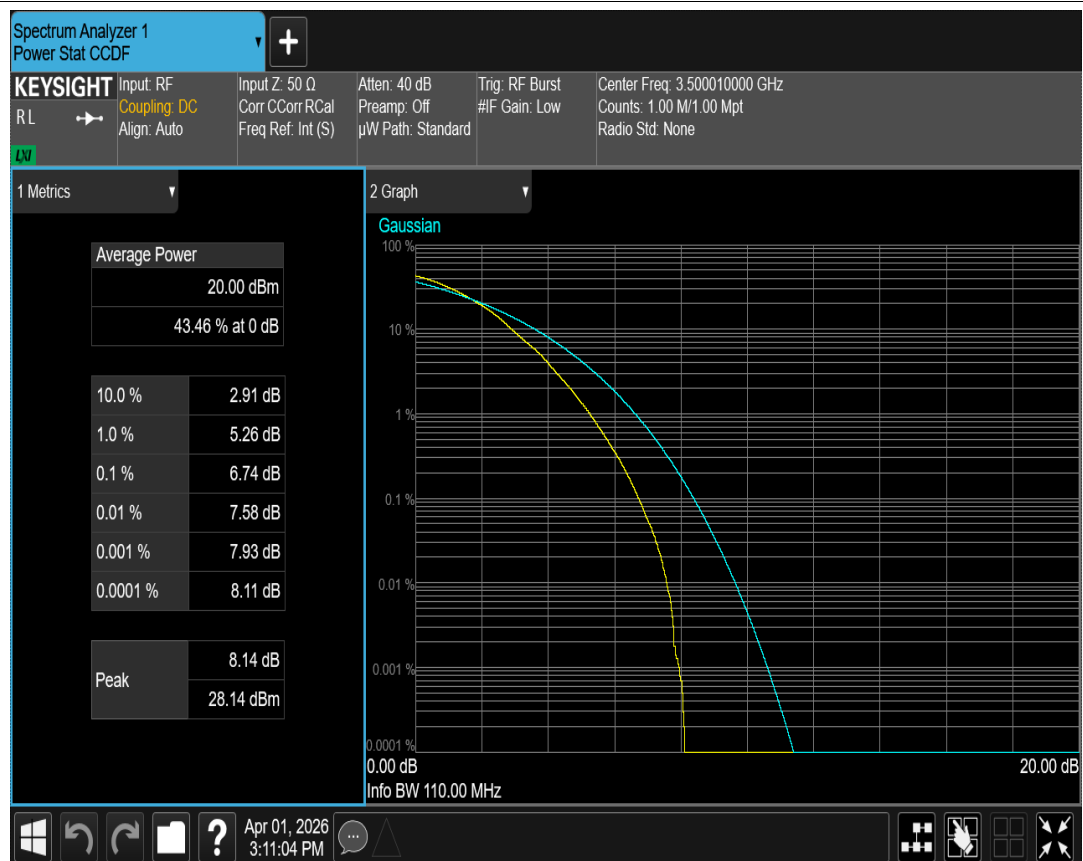
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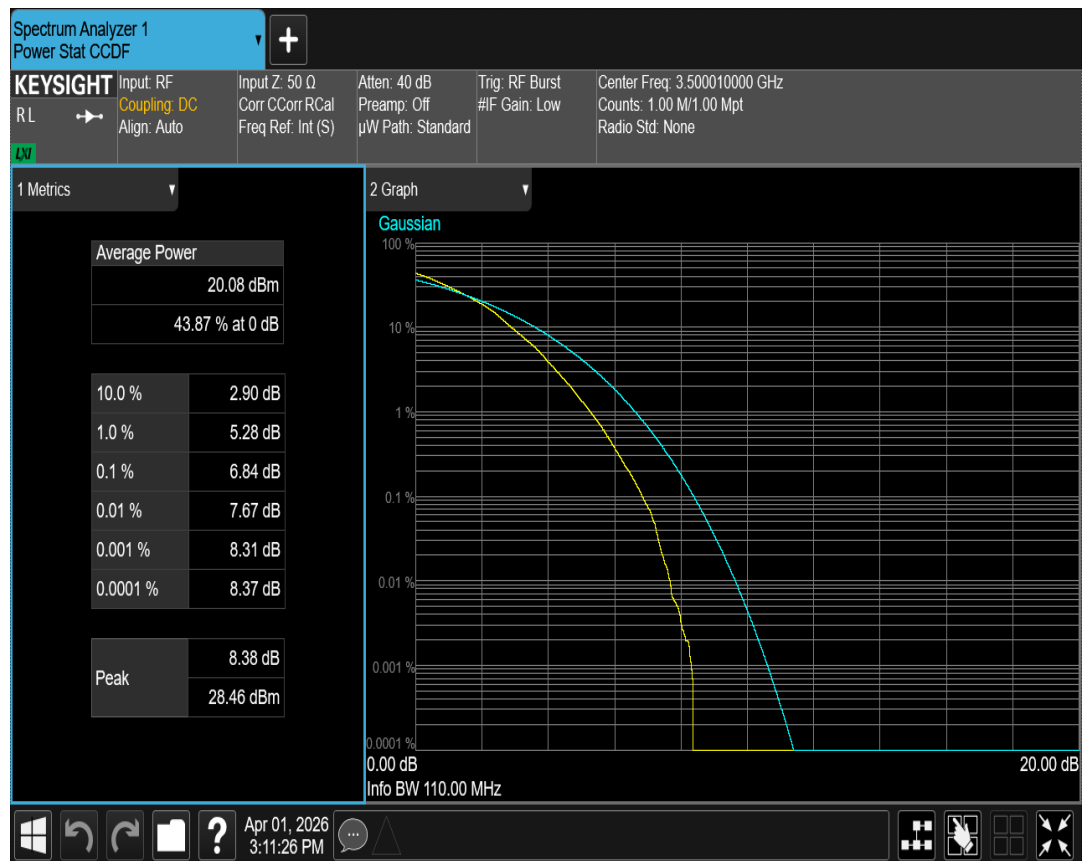
n78(3450-3550) SCS=30kHz DFT_64QAM BW=60MHz Channel=633334 RB=162@0



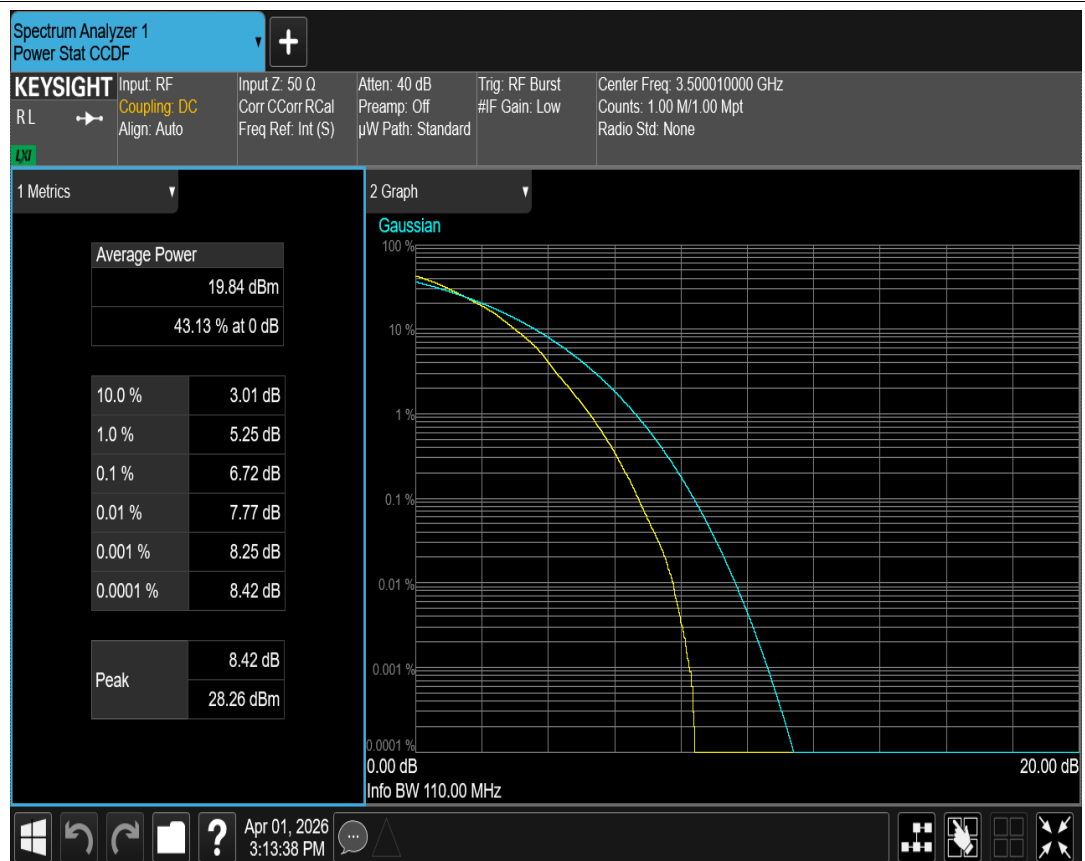
n78(3450-3550) SCS=30kHz DFT_64QAM BW=40MHz Channel=633334 RB=100@0



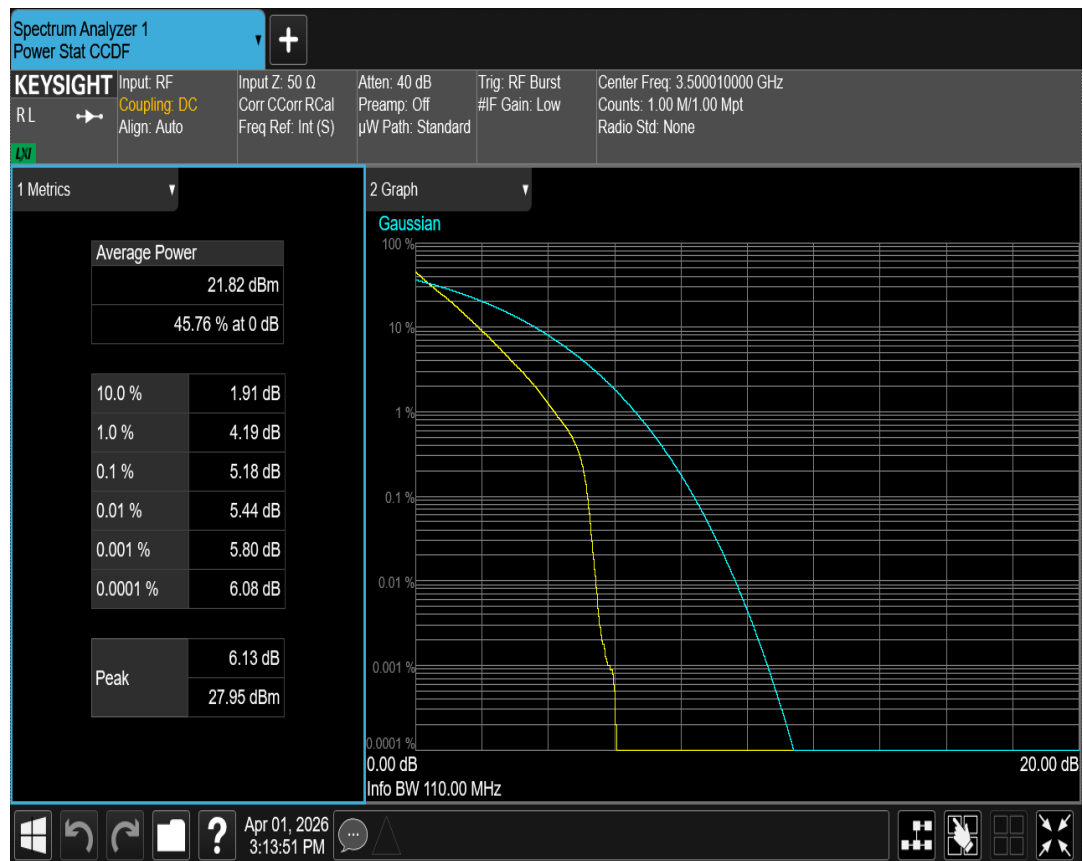
n78(3450-3550) SCS=30kHz DFT_64QAM BW=15MHz Channel=633334 RB=36@0



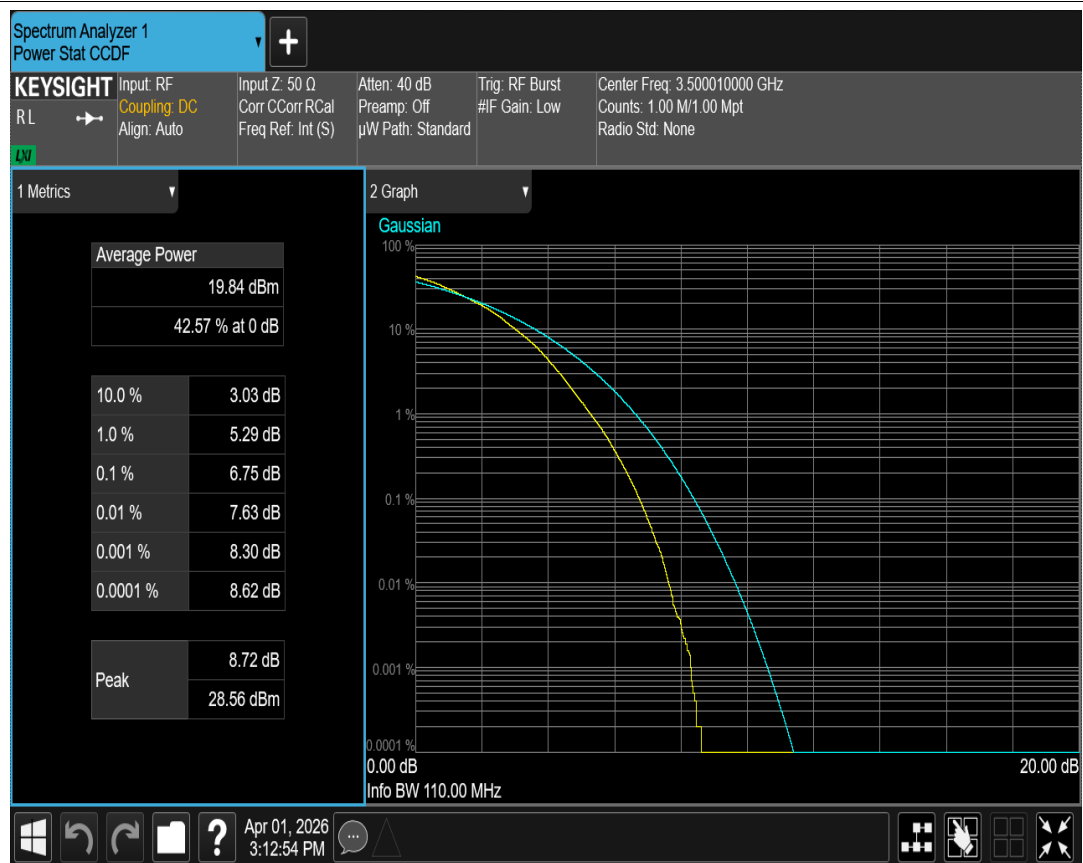
n78(3450-3550) SCS=30kHz DFT_64QAM BW=20MHz Channel=633334 RB=50@0



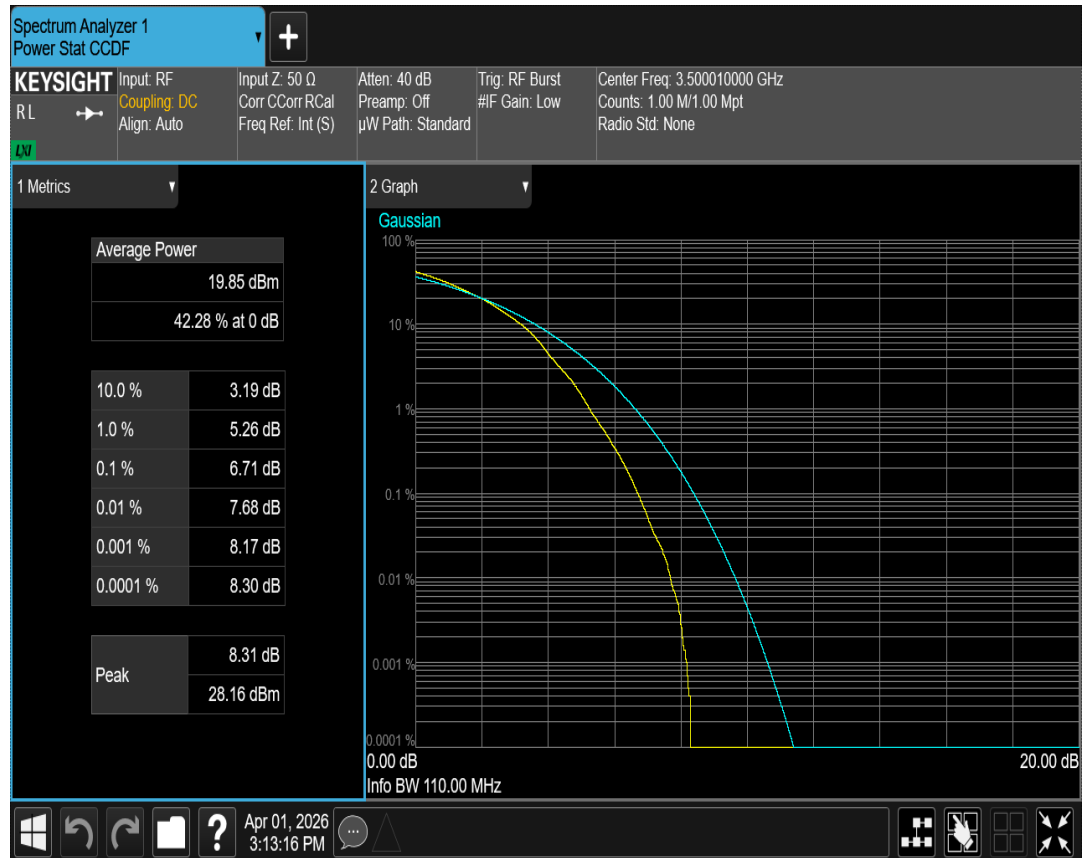
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz Channel=633334 RB=243@0



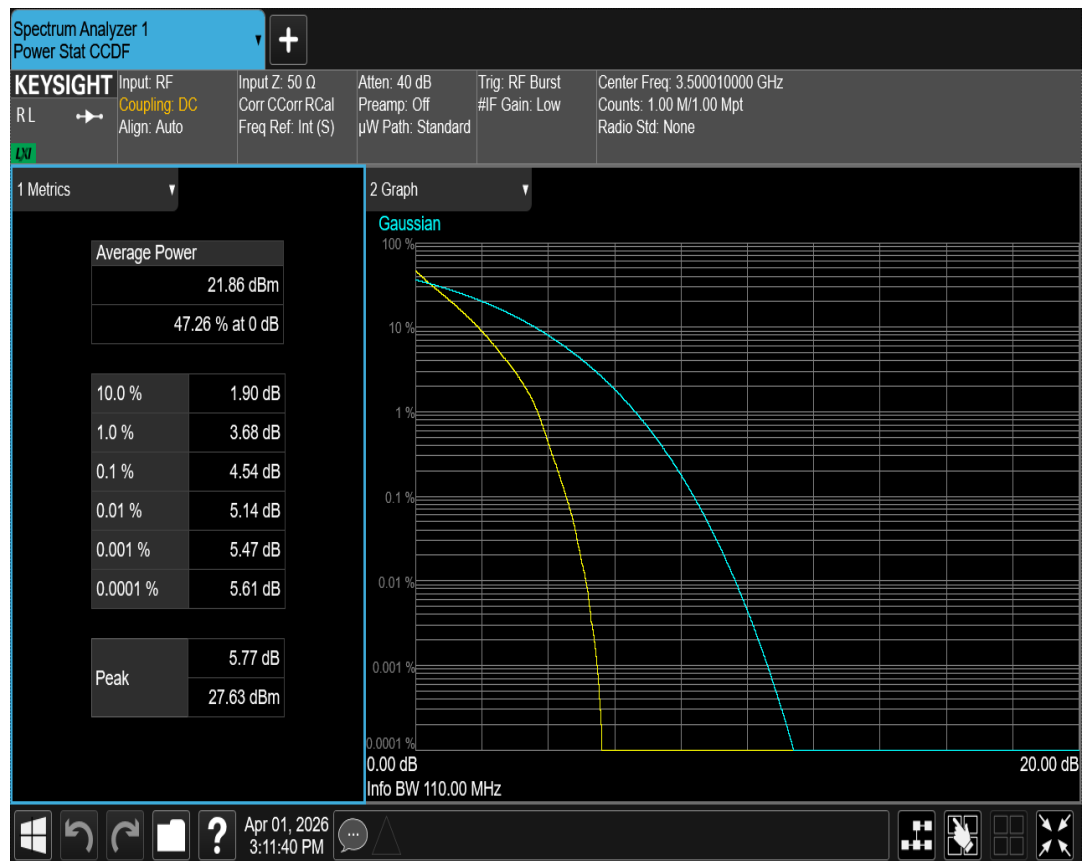
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



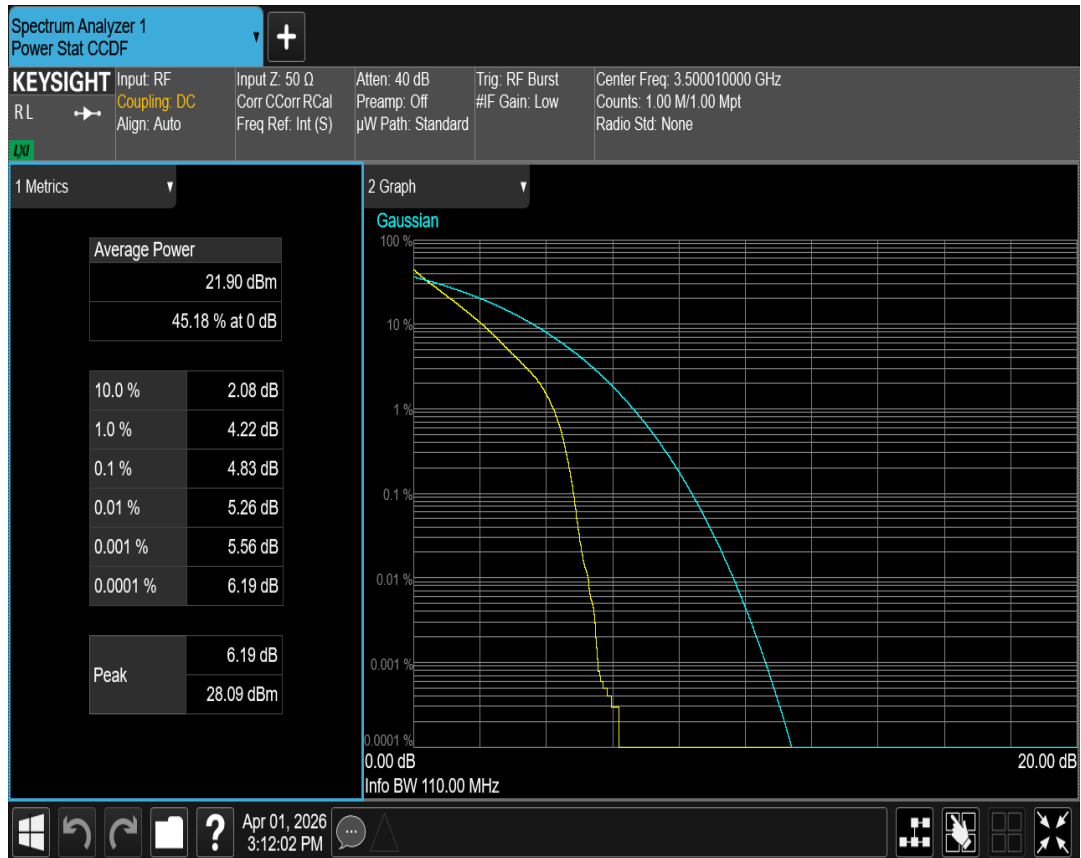
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz Channel=633334 RB=180@0



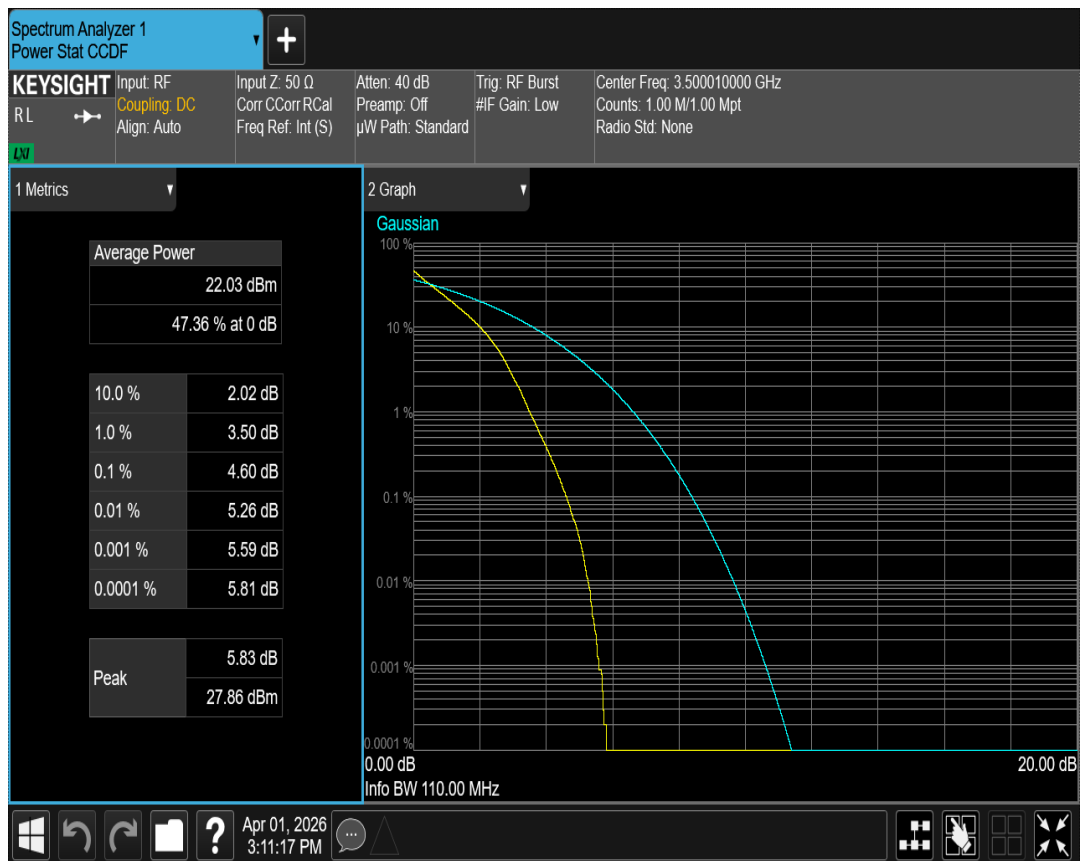
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz Channel=633334 RB=216@0



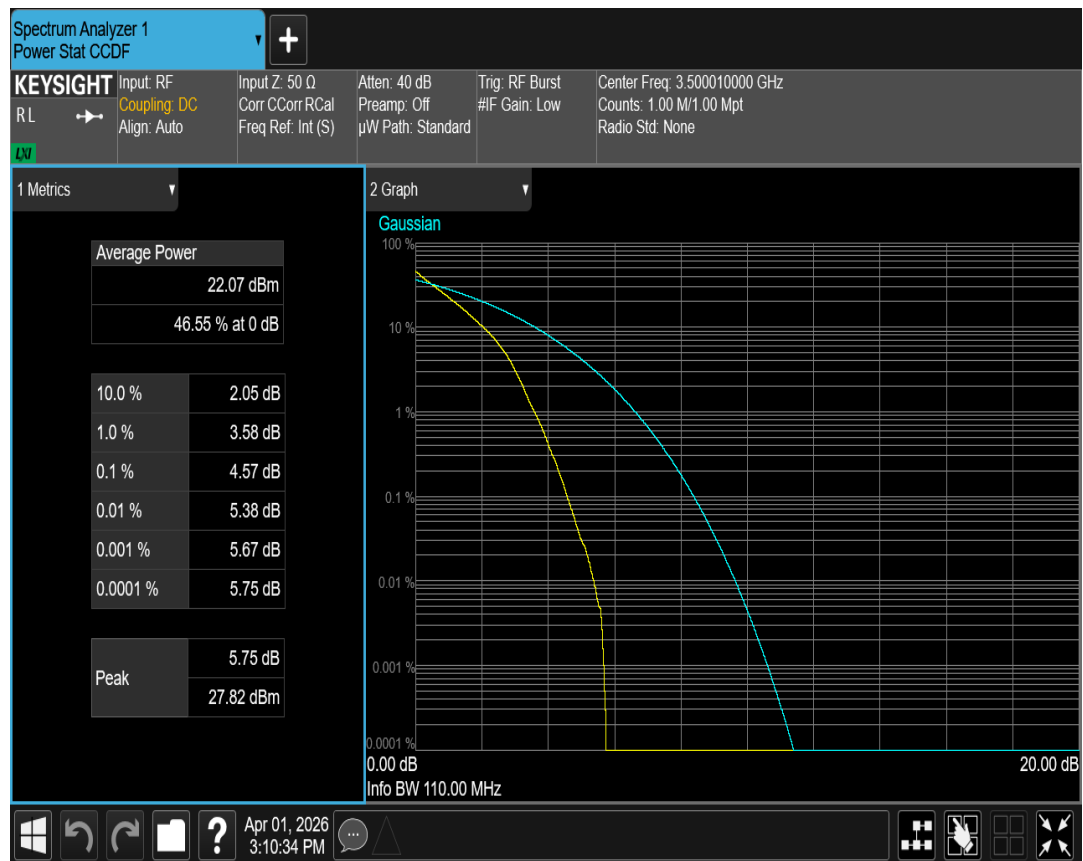
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



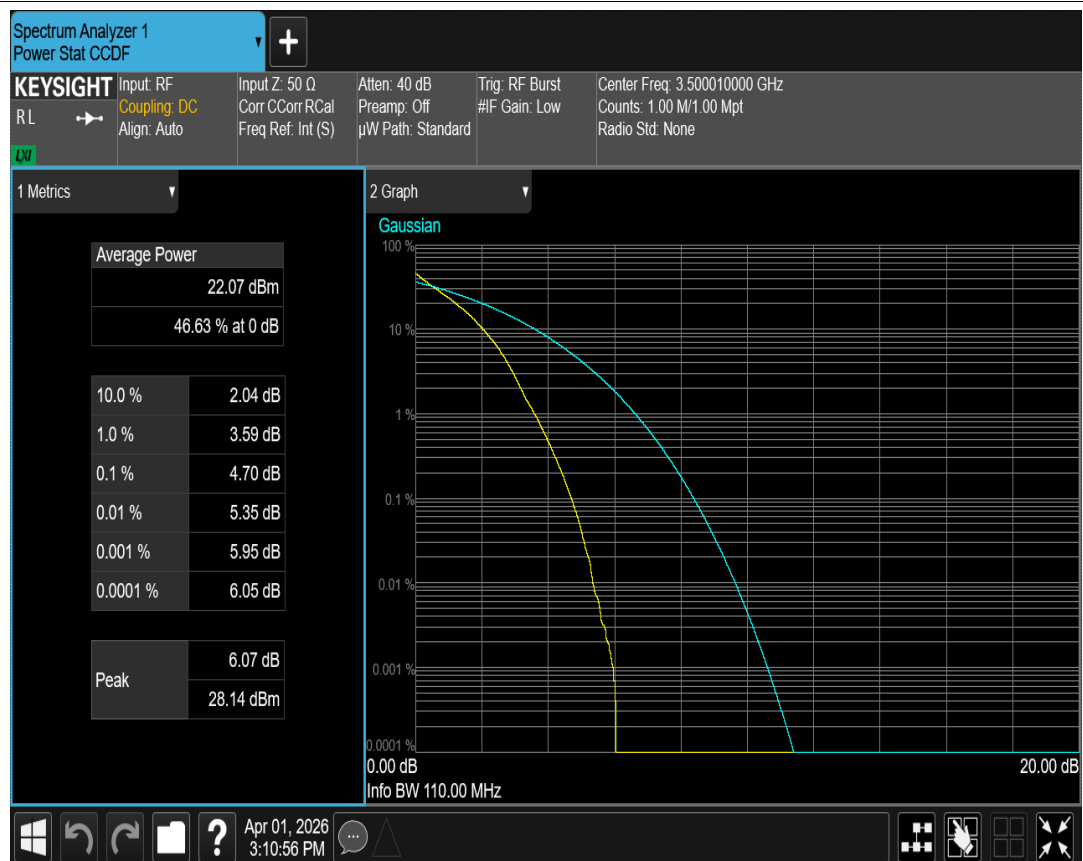
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



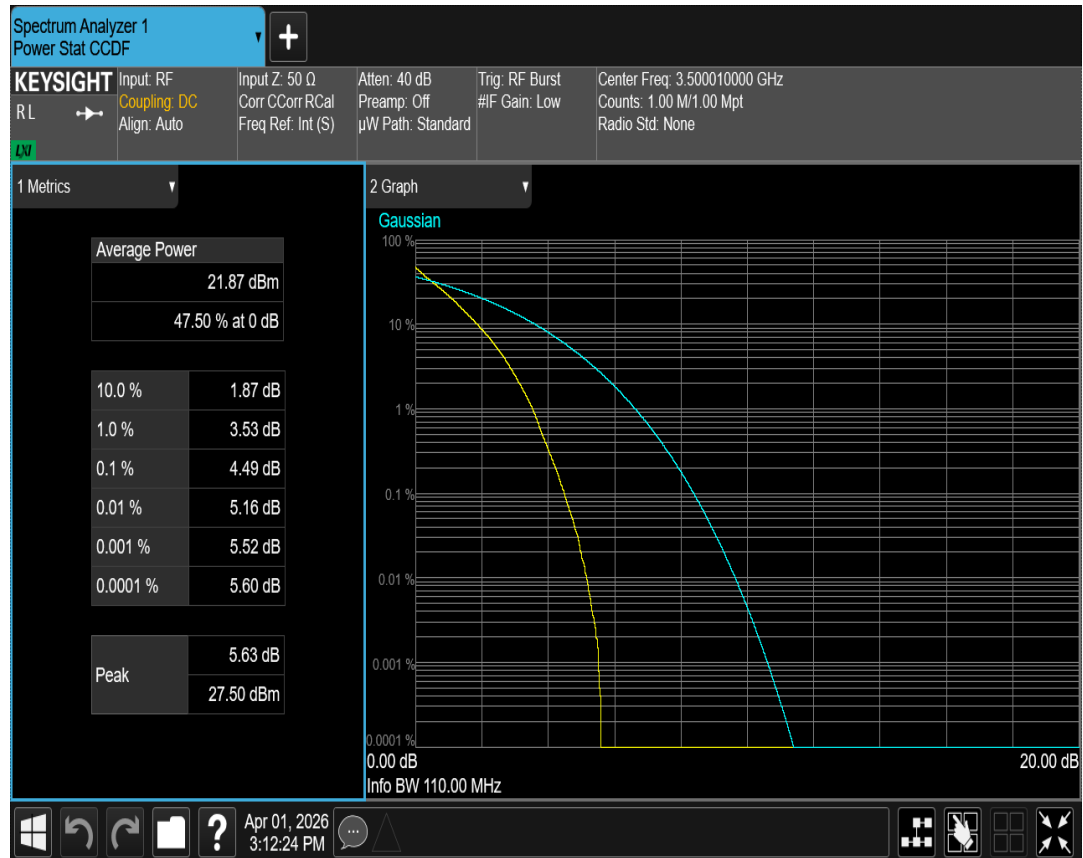
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



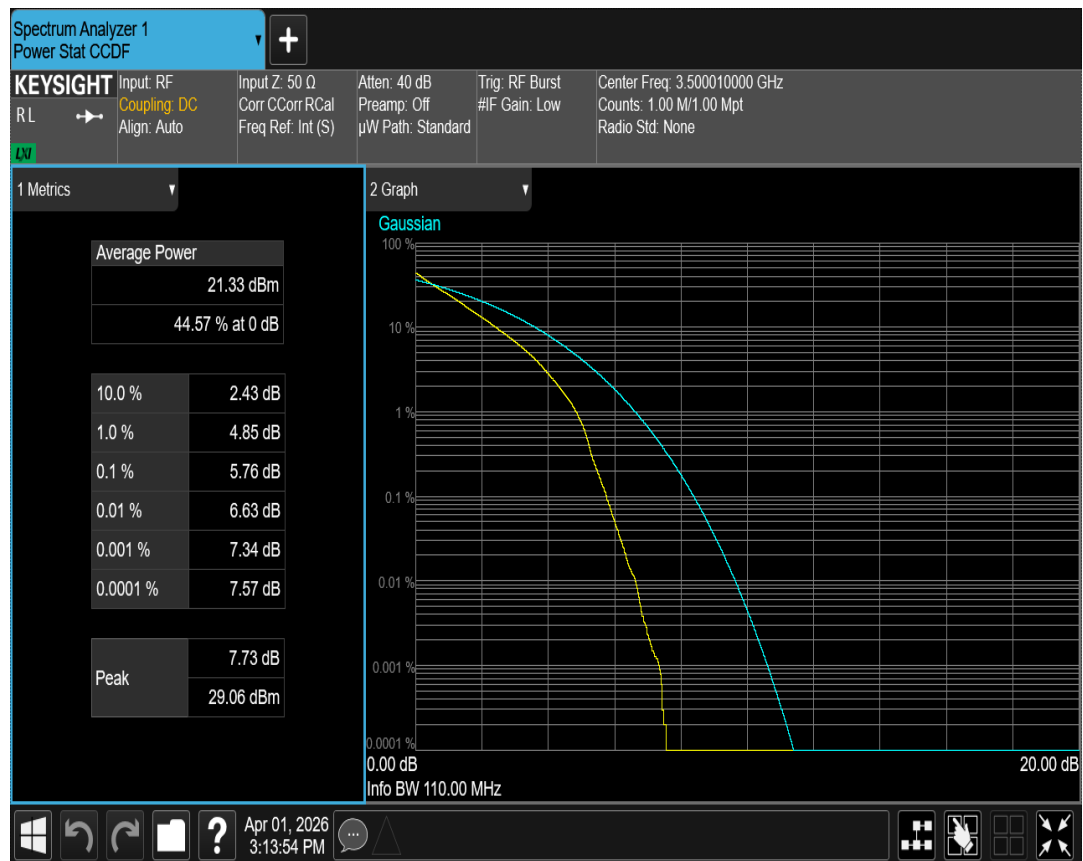
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



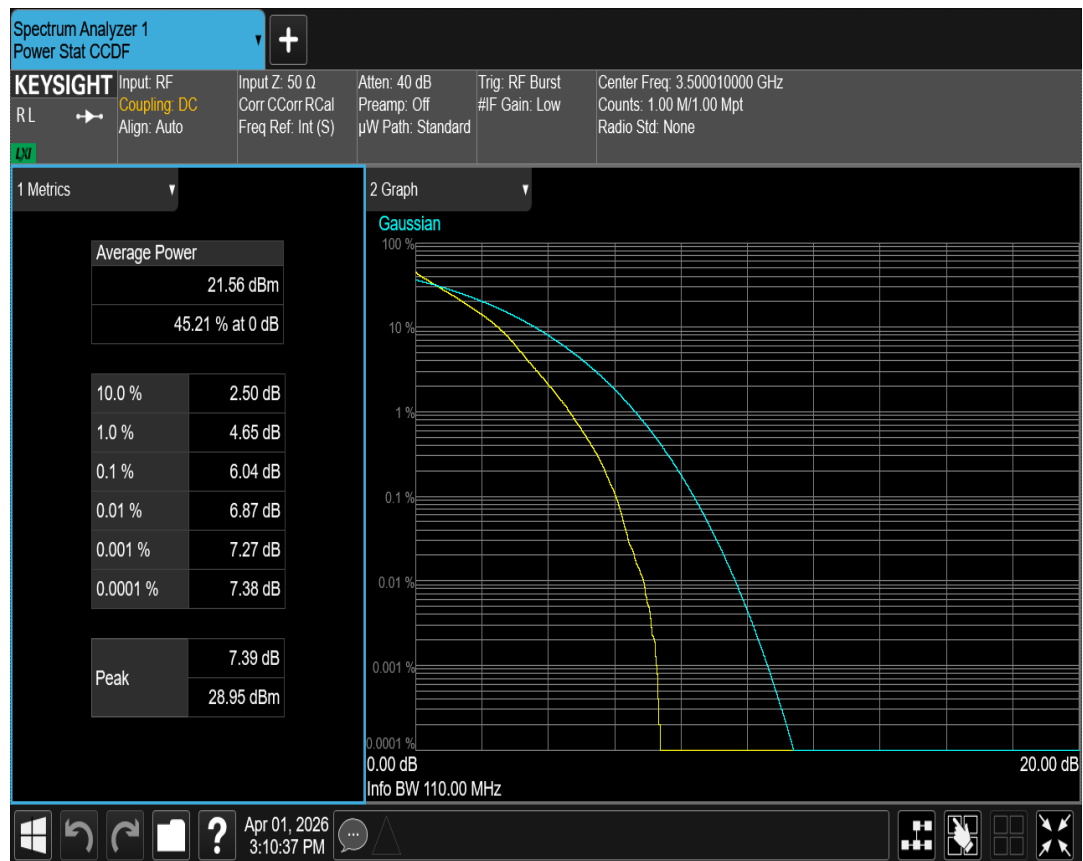
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



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



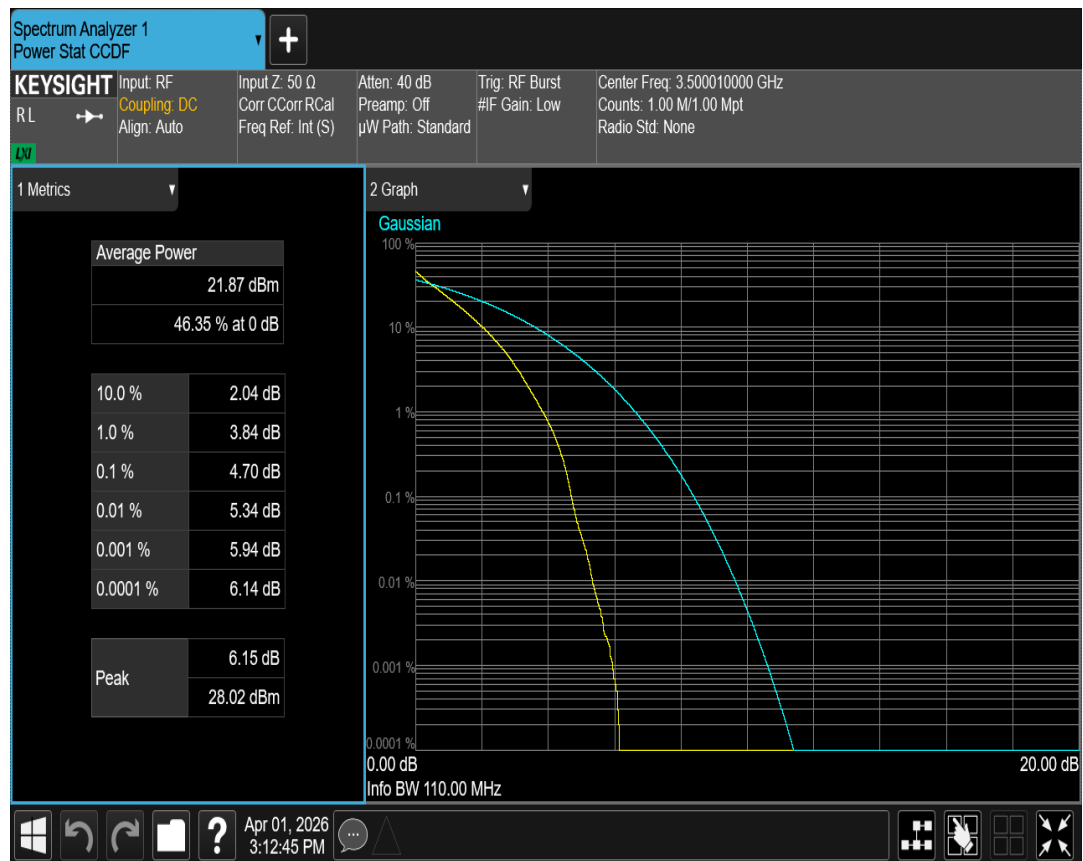
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



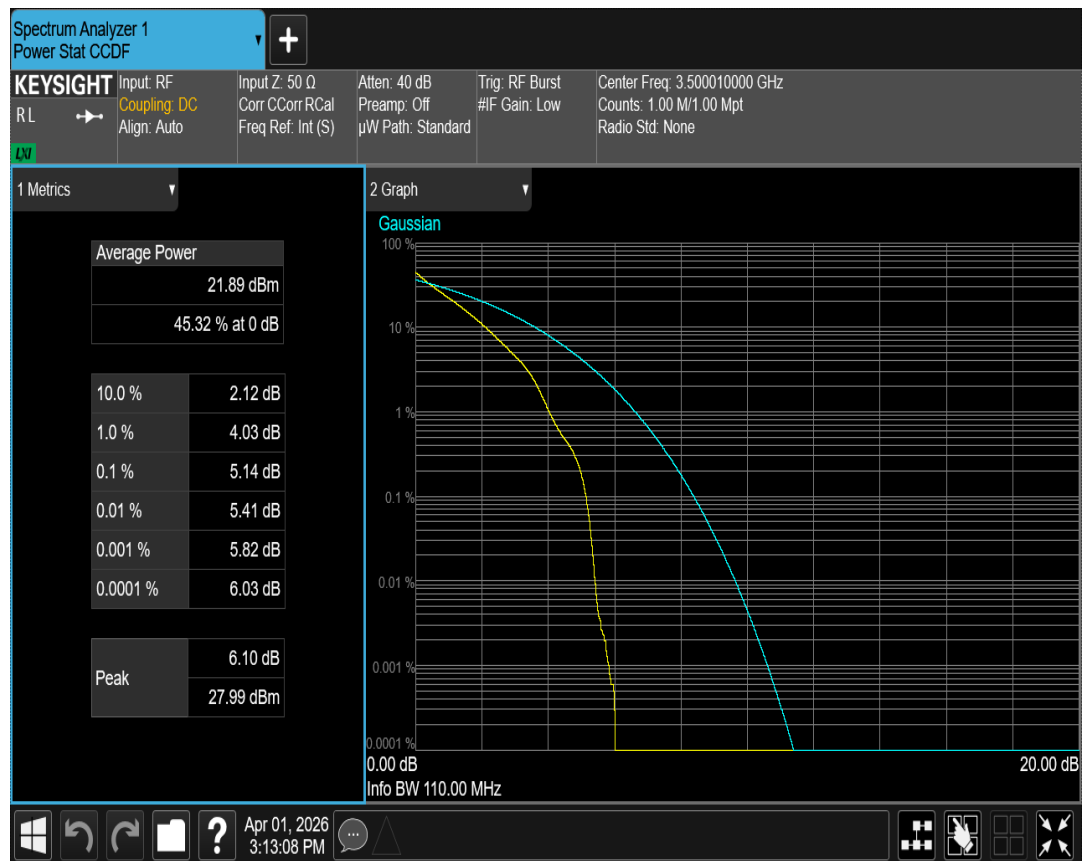
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



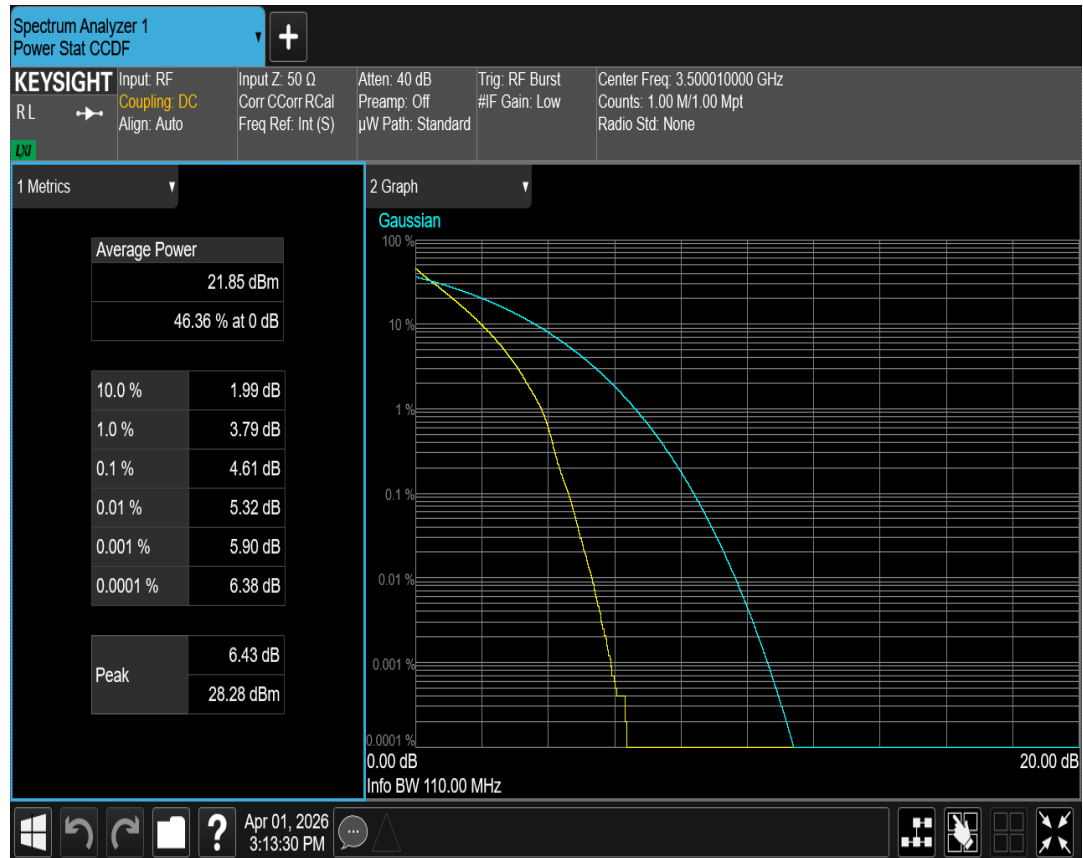
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



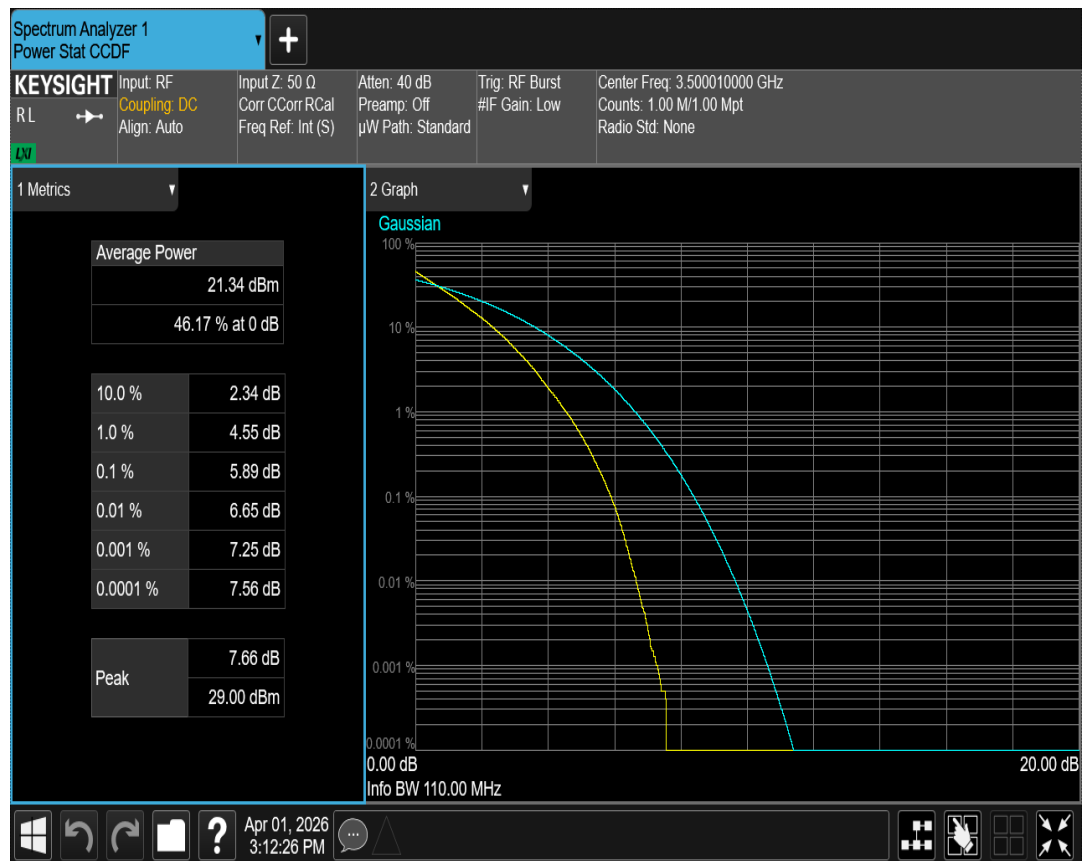
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



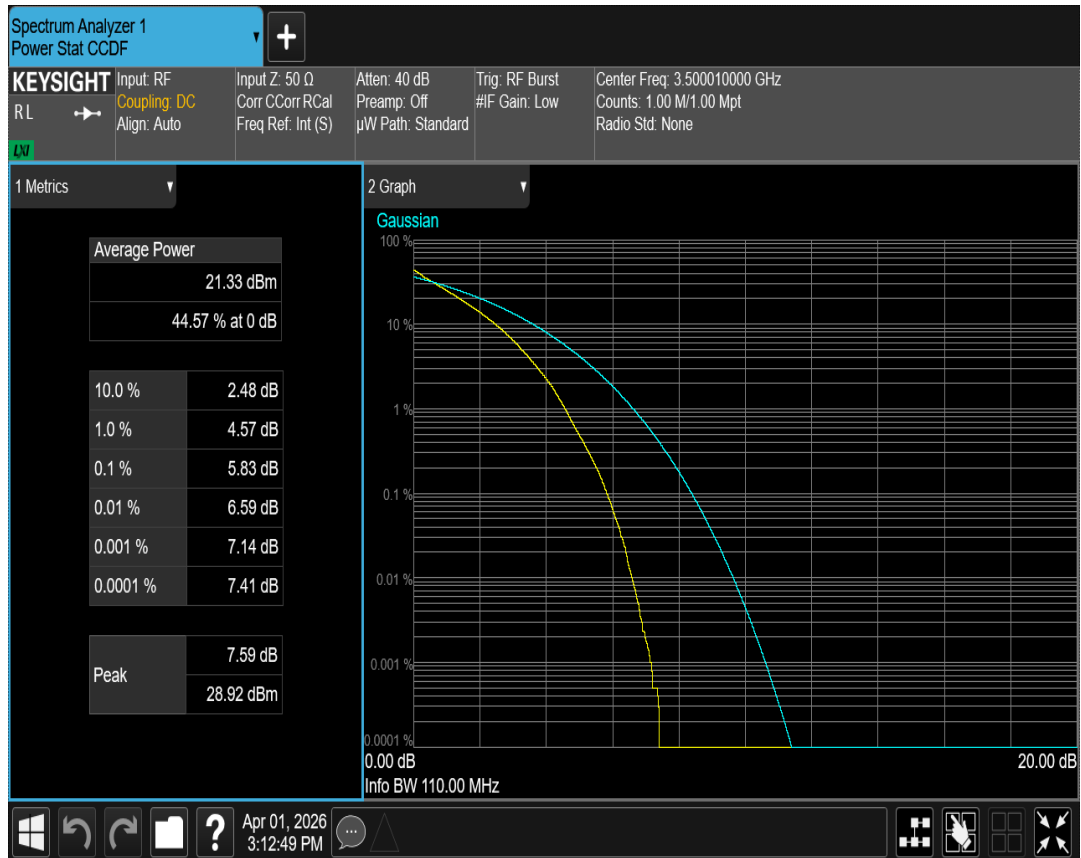
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



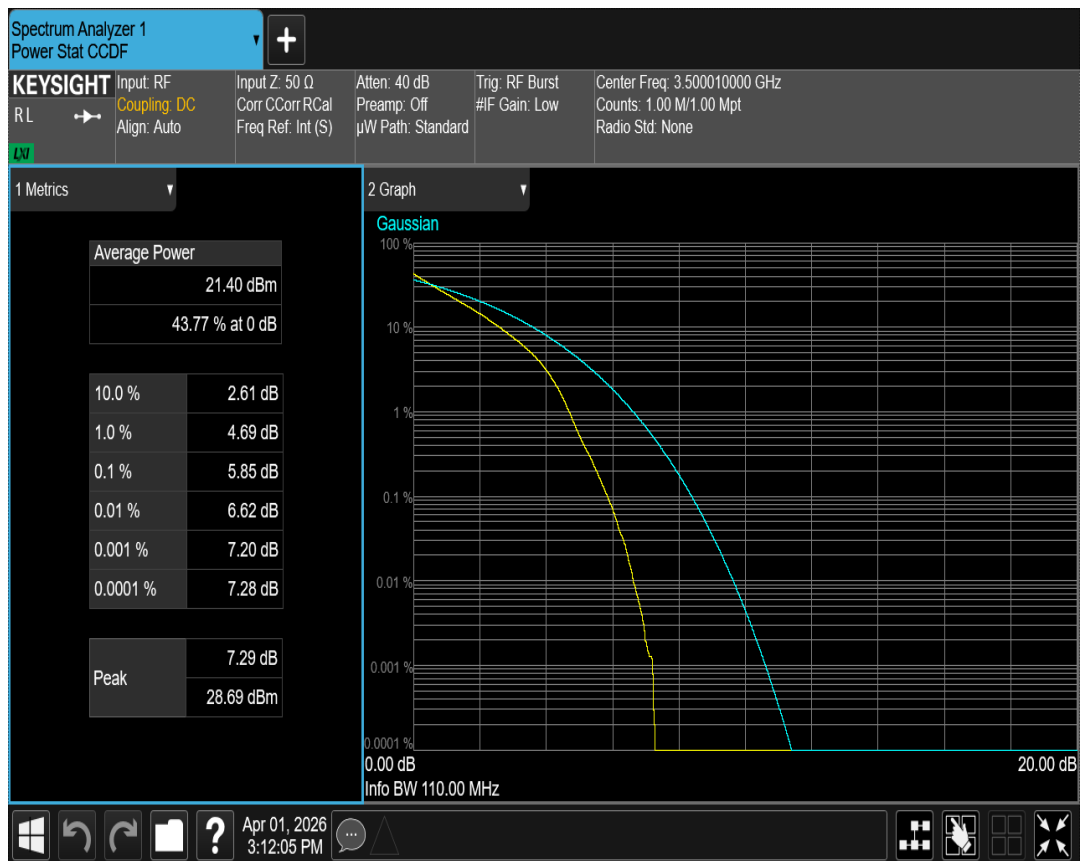
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=243@0



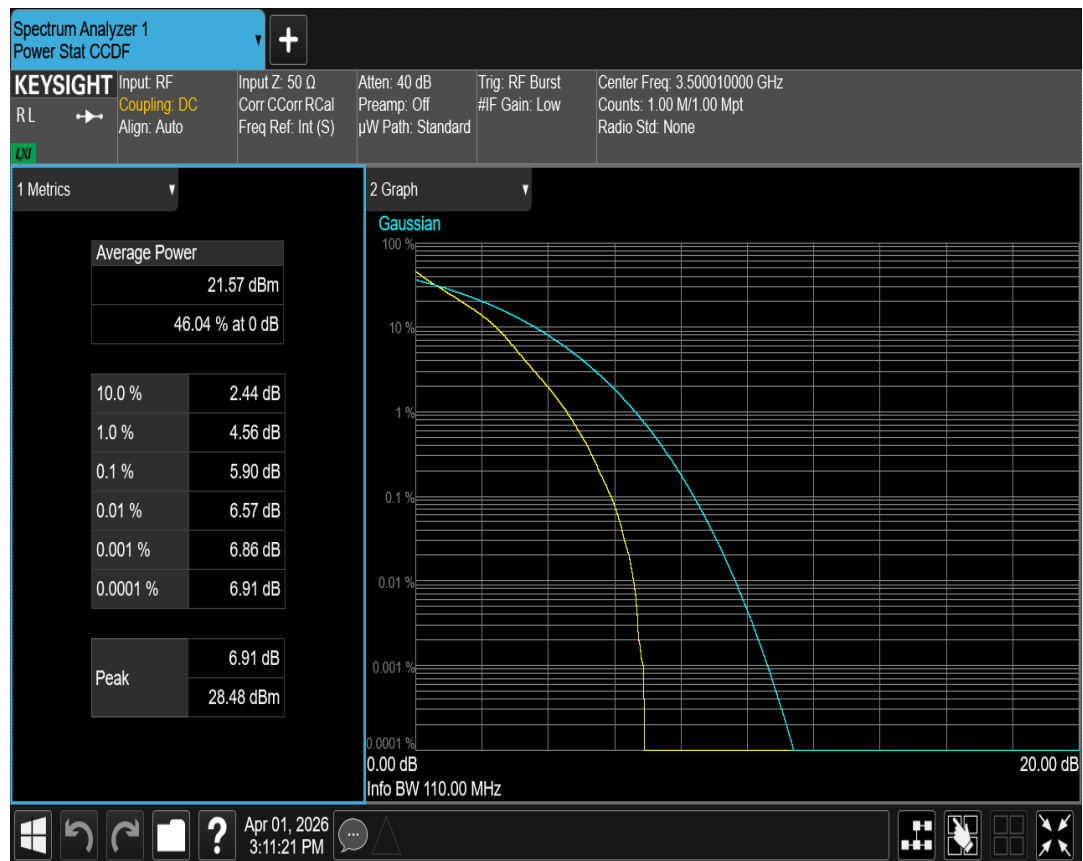
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



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



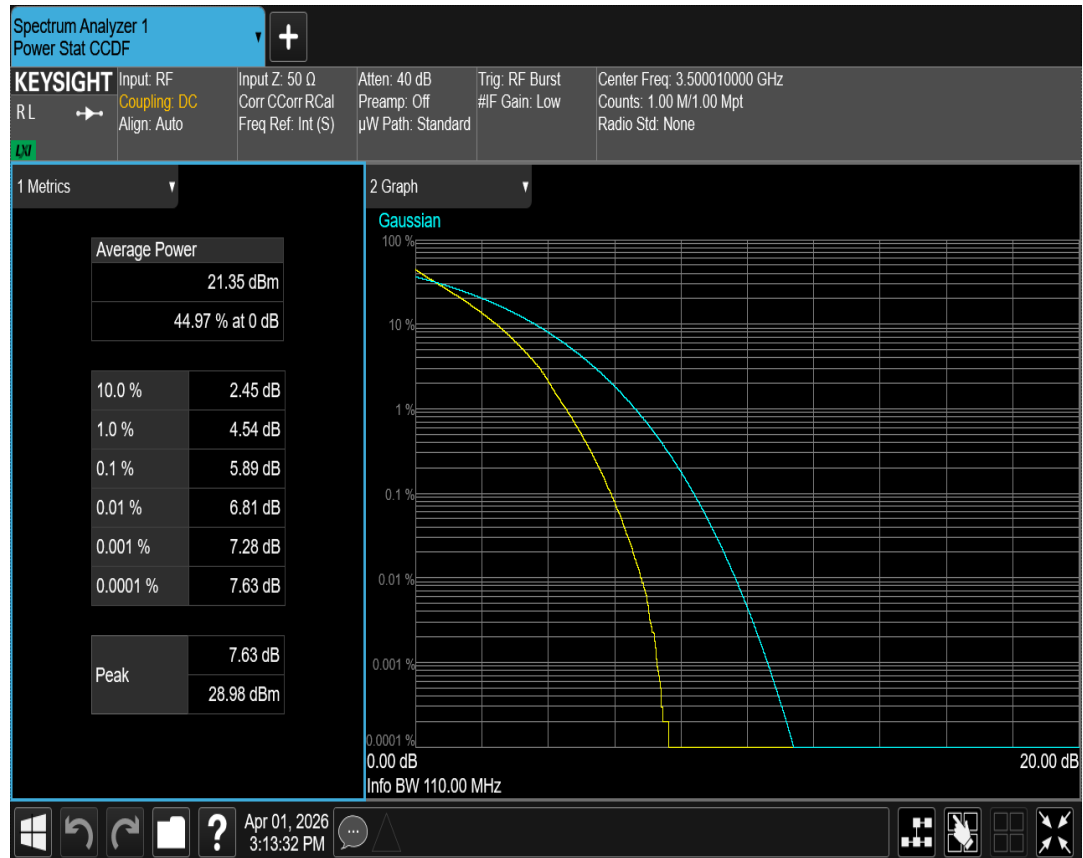
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



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



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



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

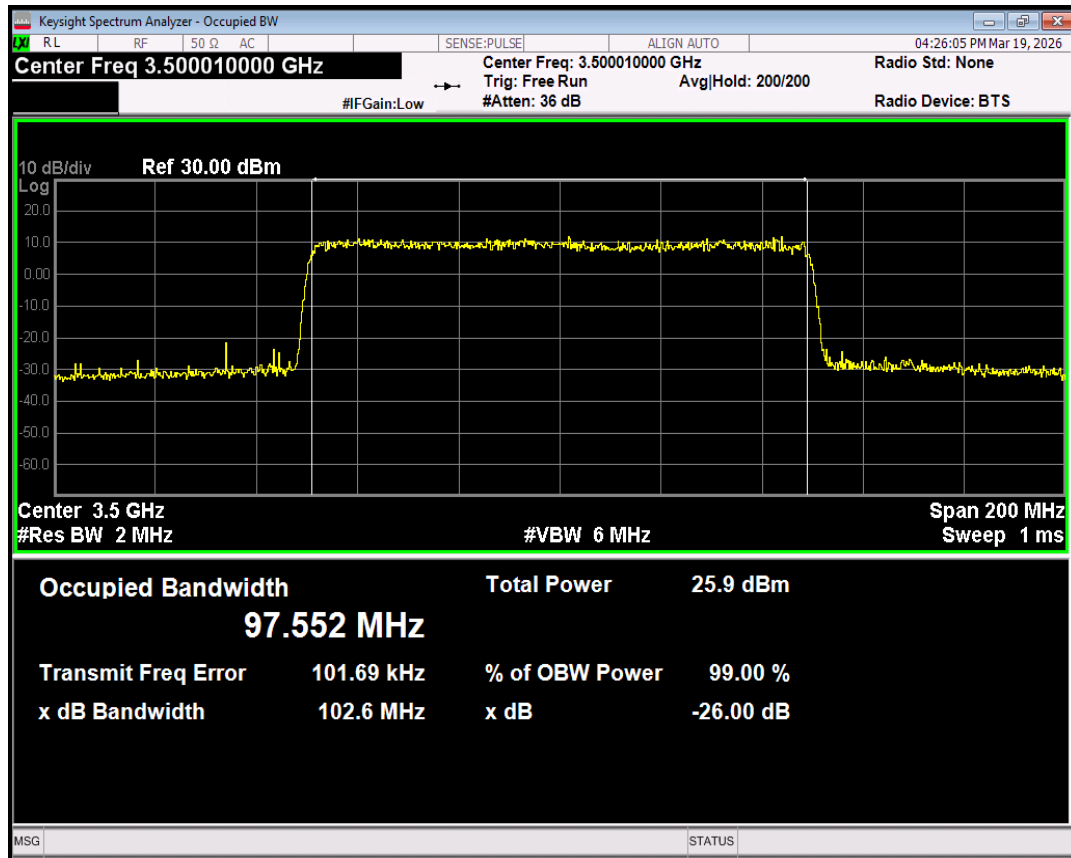


n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0

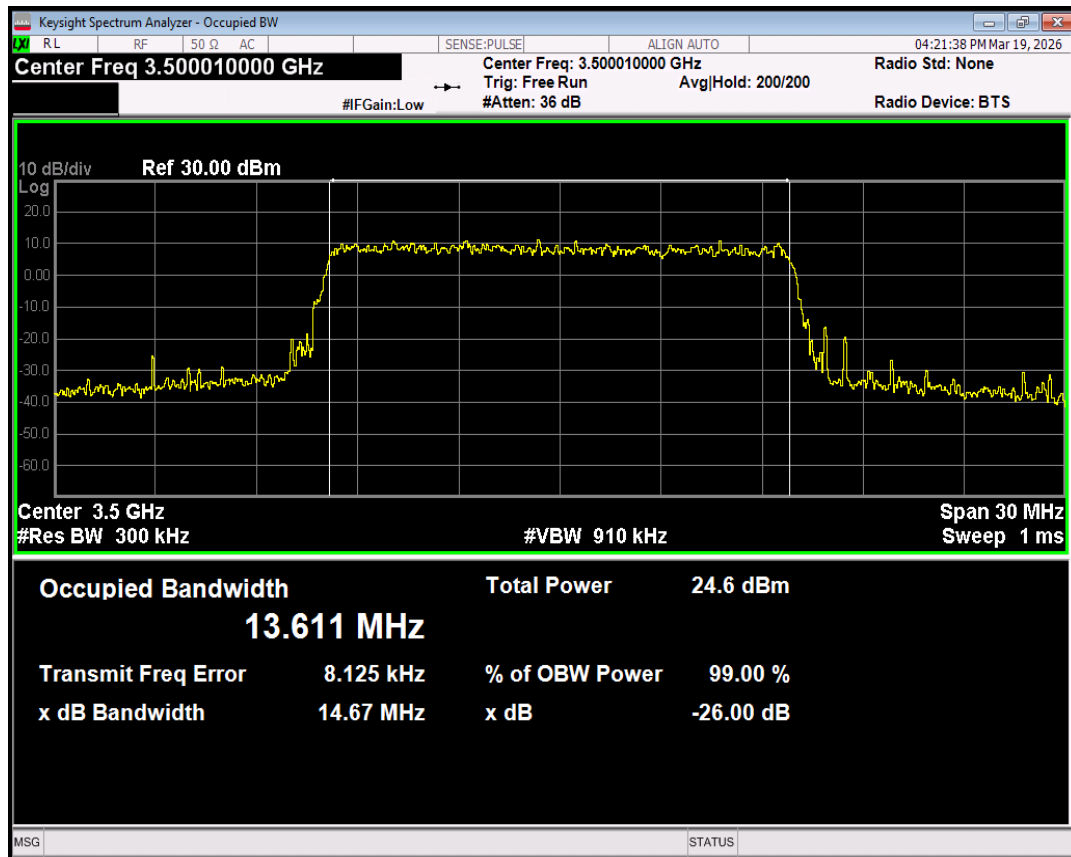
4. Occupied Bandwidth for NR FR1

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	8.574	9.412	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.615	9.345	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.611	9.596	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.599	9.401	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.619	9.361	PASS
n78(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.899	14.116	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.622	14.626	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.611	14.674	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.618	14.580	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.588	14.666	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	18.021	19.105	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.250	19.623	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.253	19.559	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.227	19.742	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.282	20.000	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.800	37.801	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	37.818	39.872	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	37.976	40.187	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	37.991	40.007	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.893	39.773	PASS
n78(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.782	48.604	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.571	50.341	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.573	50.164	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.554	50.466	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.610	50.155	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	57.946	60.845	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	57.870	60.843	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.024	60.698	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	57.875	60.783	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	57.936	60.864	PASS
n78(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.552	68.414	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	67.750	71.344	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.659	71.191	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	67.680	71.204	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	67.718	71.036	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.290	81.221	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.596	81.417	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.658	81.578	PASS

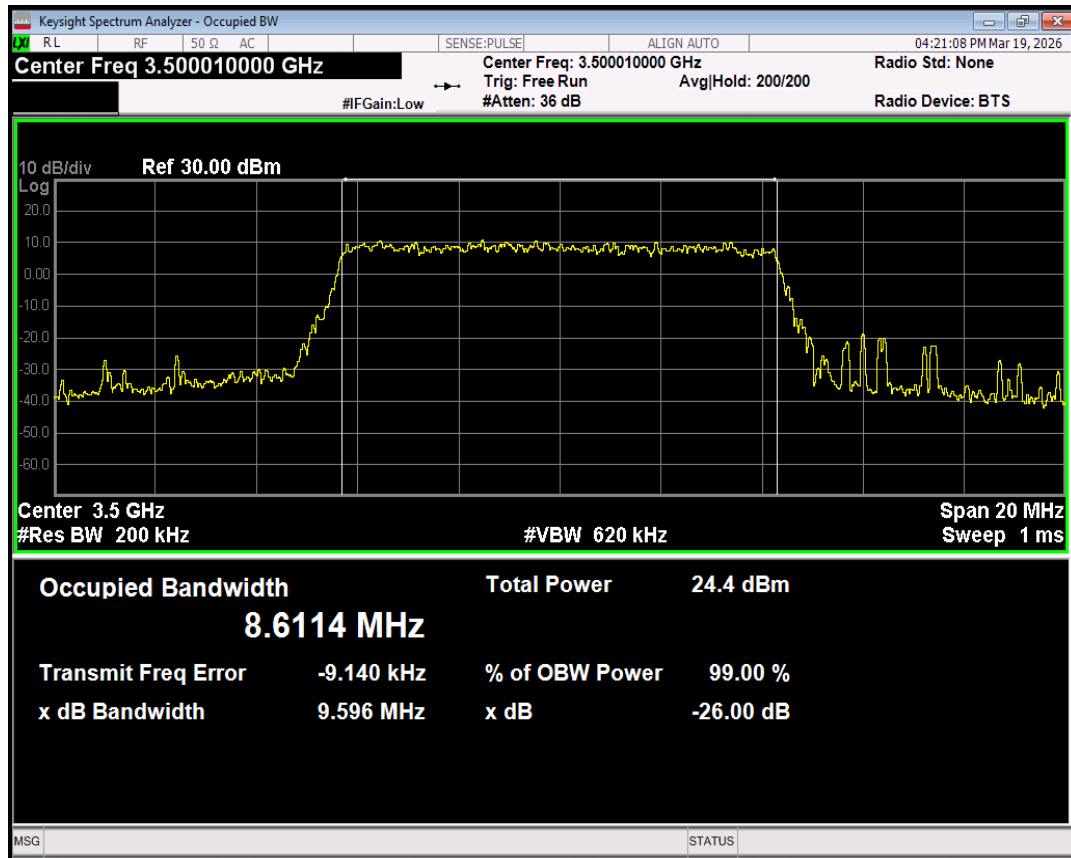
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.684	81.527	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.562	81.558	PASS
n78(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	87.175	91.211	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.536	91.984	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.434	91.917	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.603	92.025	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.532	91.981	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.589	101.579	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.357	102.530	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.552	102.566	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.371	102.498	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.575	102.538	PASS



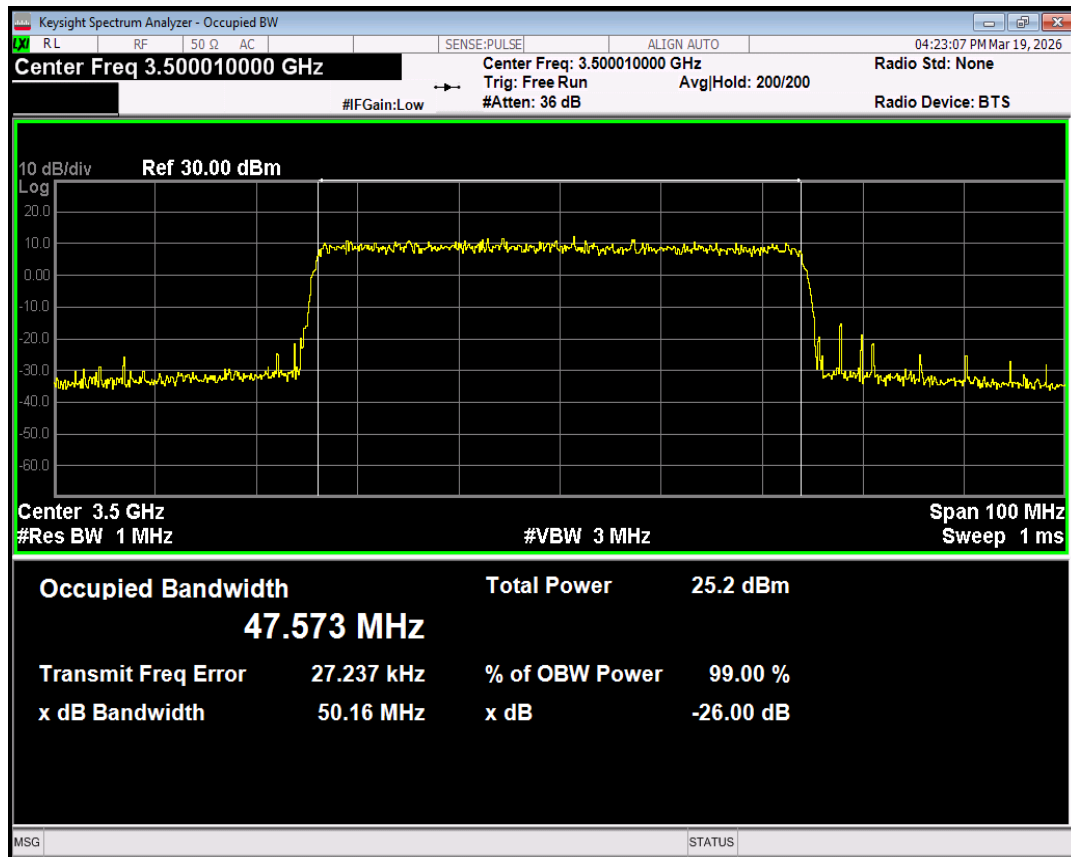
n78(3450-3550) SCS=30kHz CP_16QAM BW=100MHz Channel=633334 RB=273@0



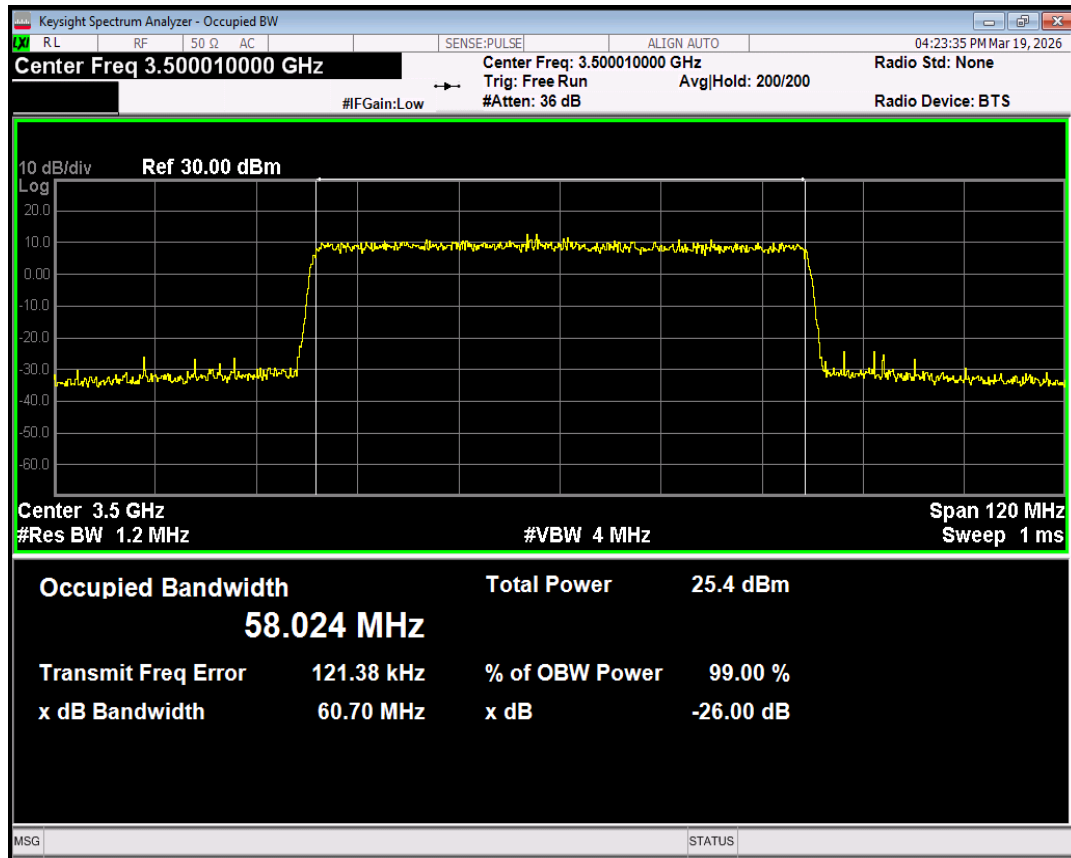
n78(3450-3550) SCS=30kHz CP_16QAM BW=15MHz Channel=633334 RB=38@0



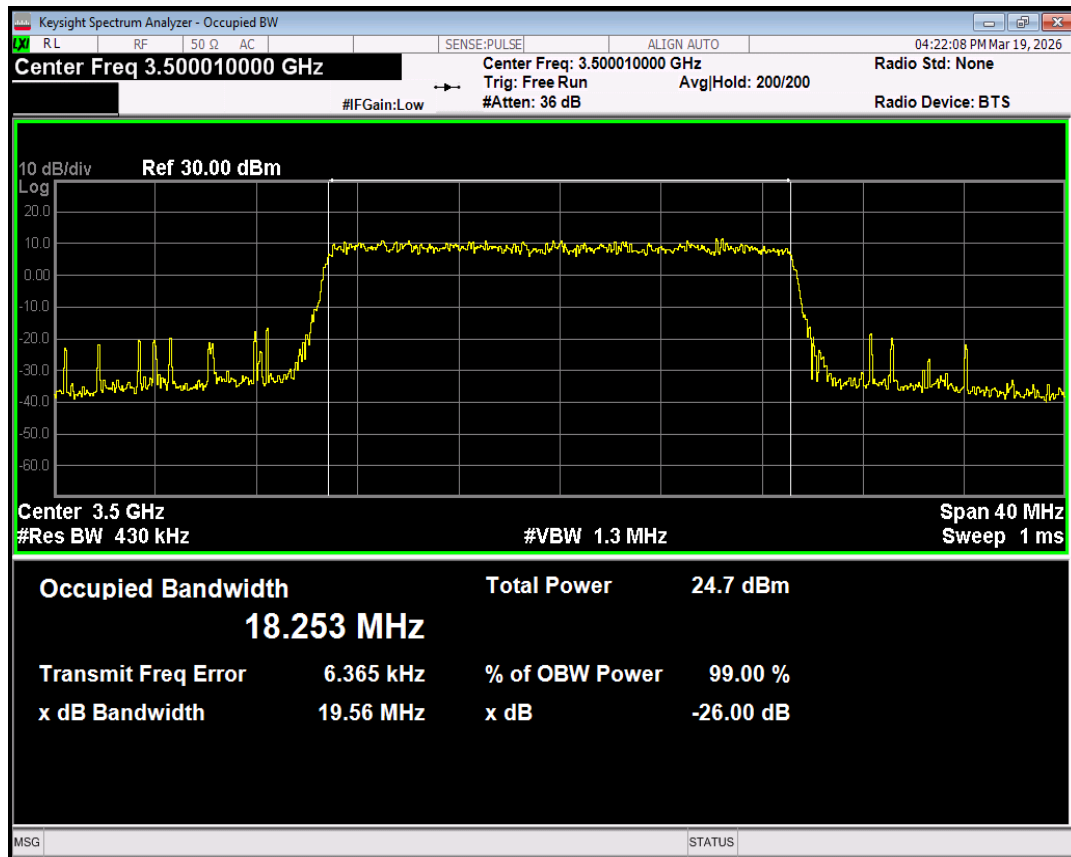
n78(3450-3550) SCS=30kHz CP_16QAM BW=10MHz Channel=633334 RB=24@0



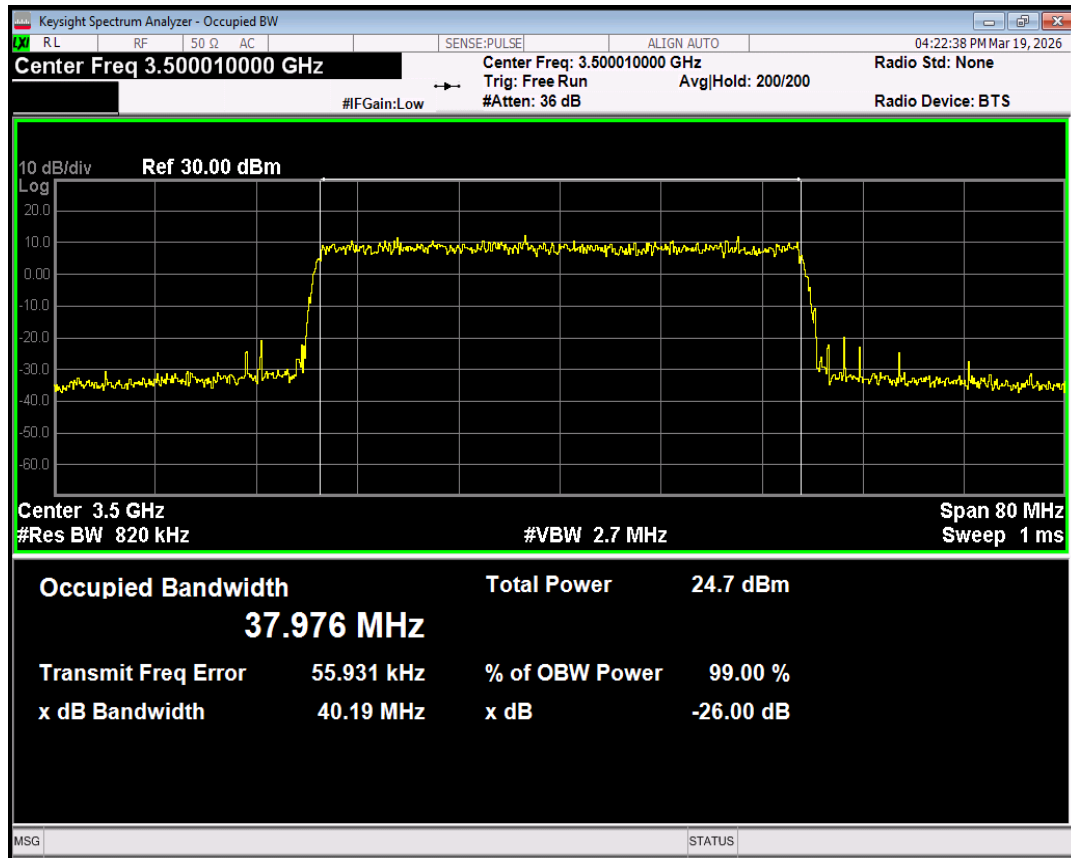
n78(3450-3550) SCS=30kHz CP_16QAM BW=50MHz Channel=633334 RB=133@0



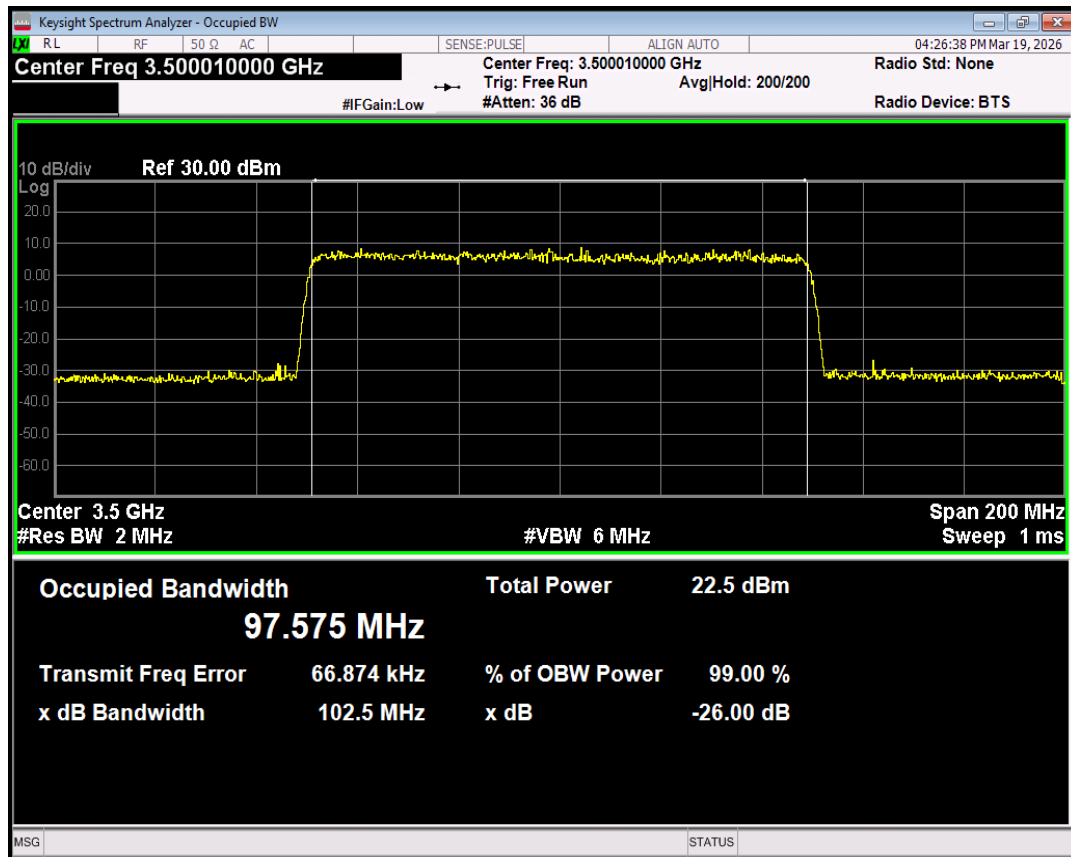
n78(3450-3550) SCS=30kHz CP_16QAM BW=60MHz Channel=633334 RB=162@0



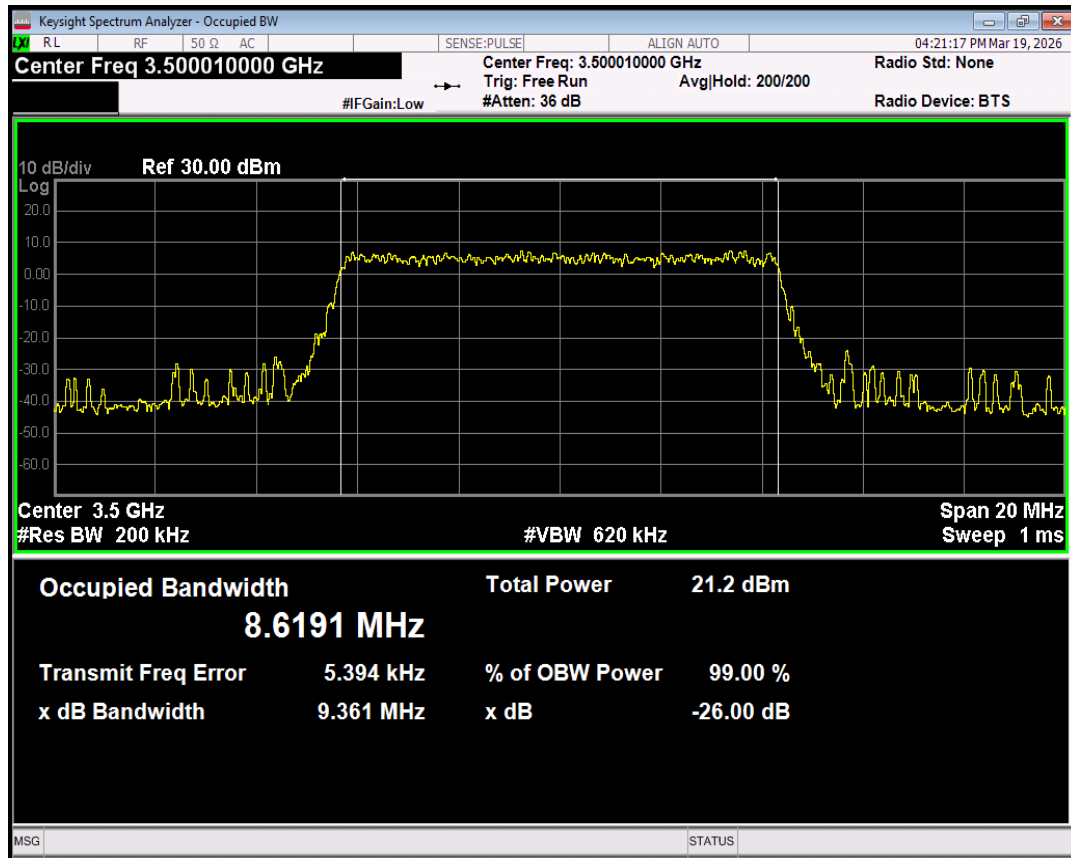
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz Channel=633334 RB=51@0



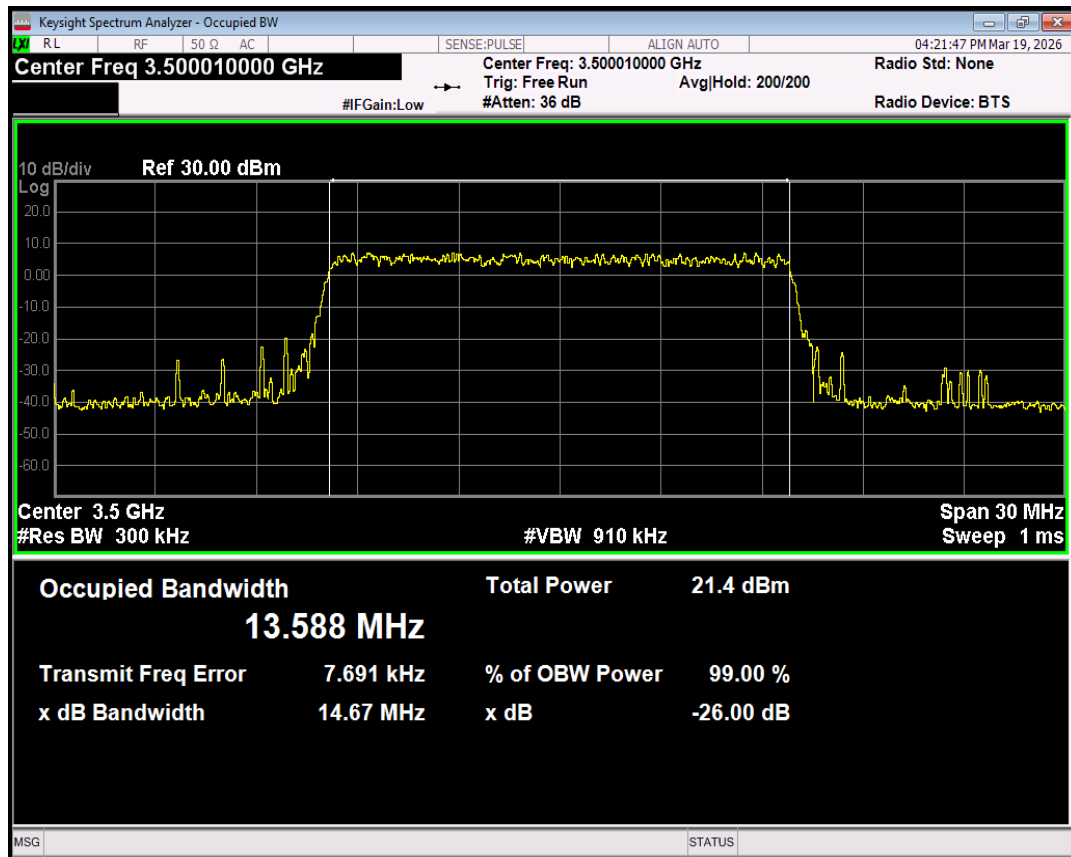
n78(3450-3550) SCS=30kHz CP_16QAM BW=40MHz Channel=633334 RB=106@0



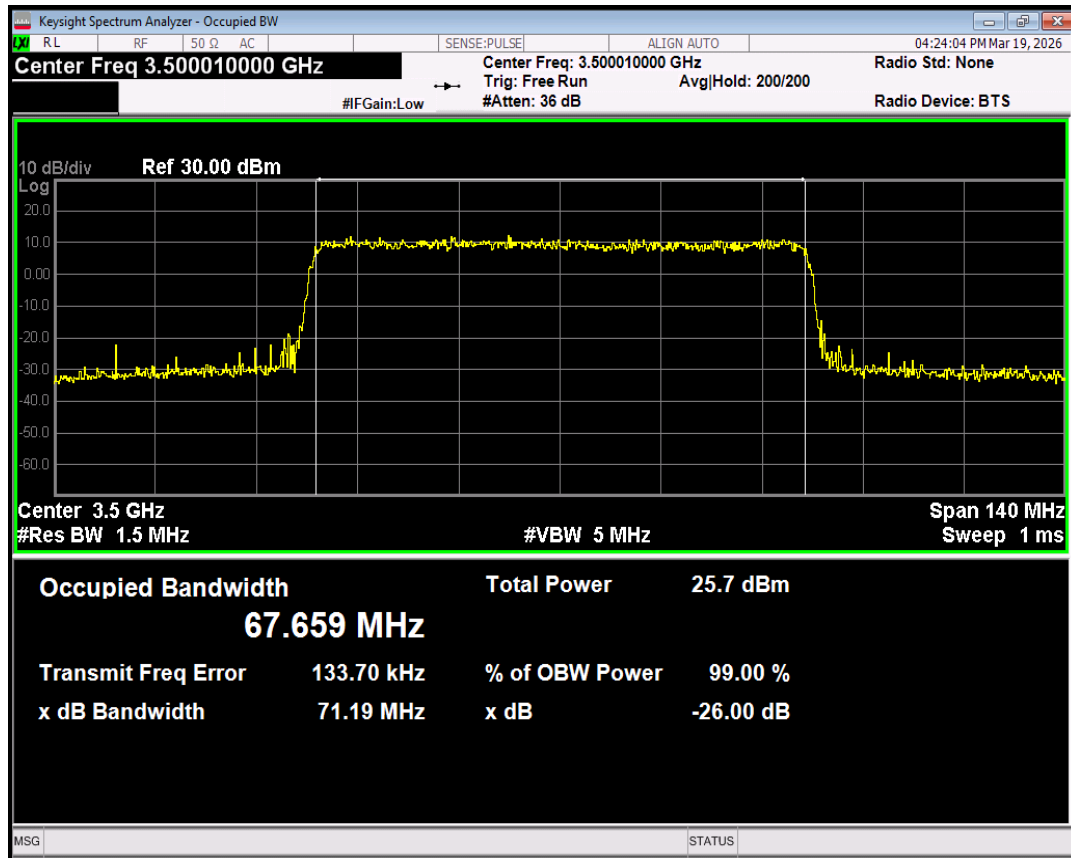
n78(3450-3550) SCS=30kHz CP_256QAM BW=100MHz Channel=633334 RB=273@0



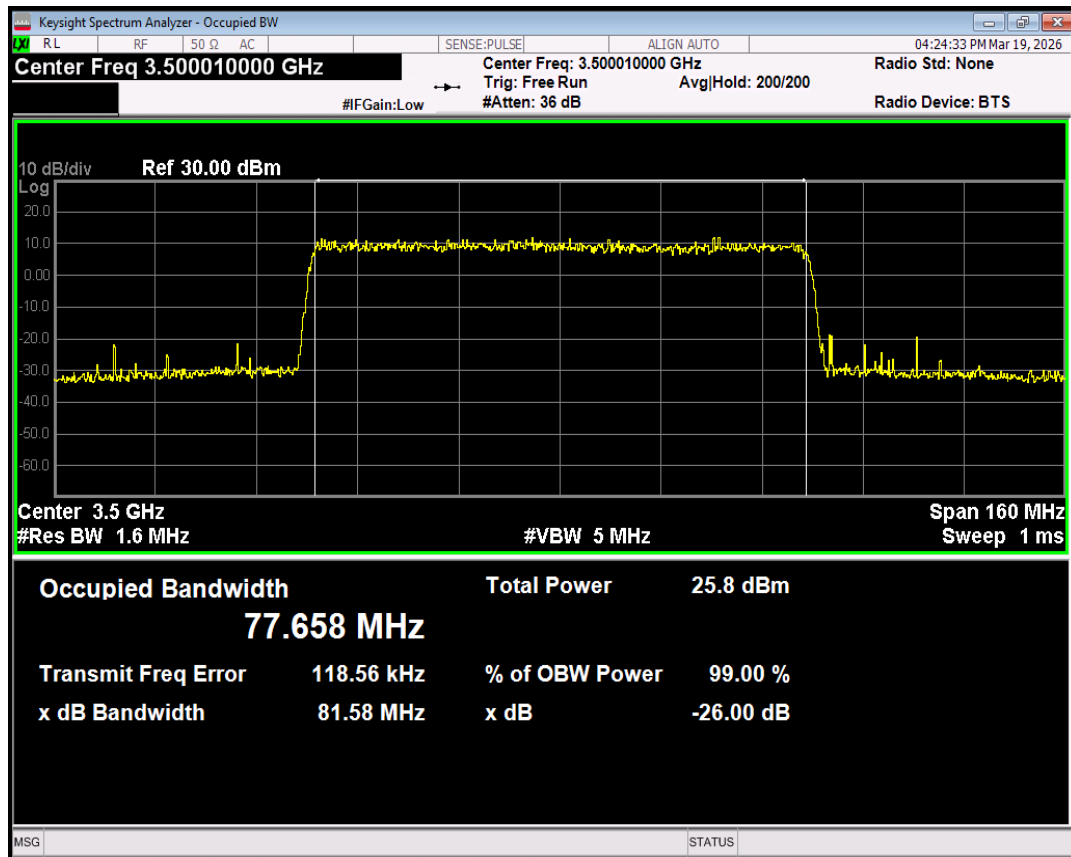
n78(3450-3550) SCS=30kHz CP_256QAM BW=10MHz Channel=633334 RB=24@0



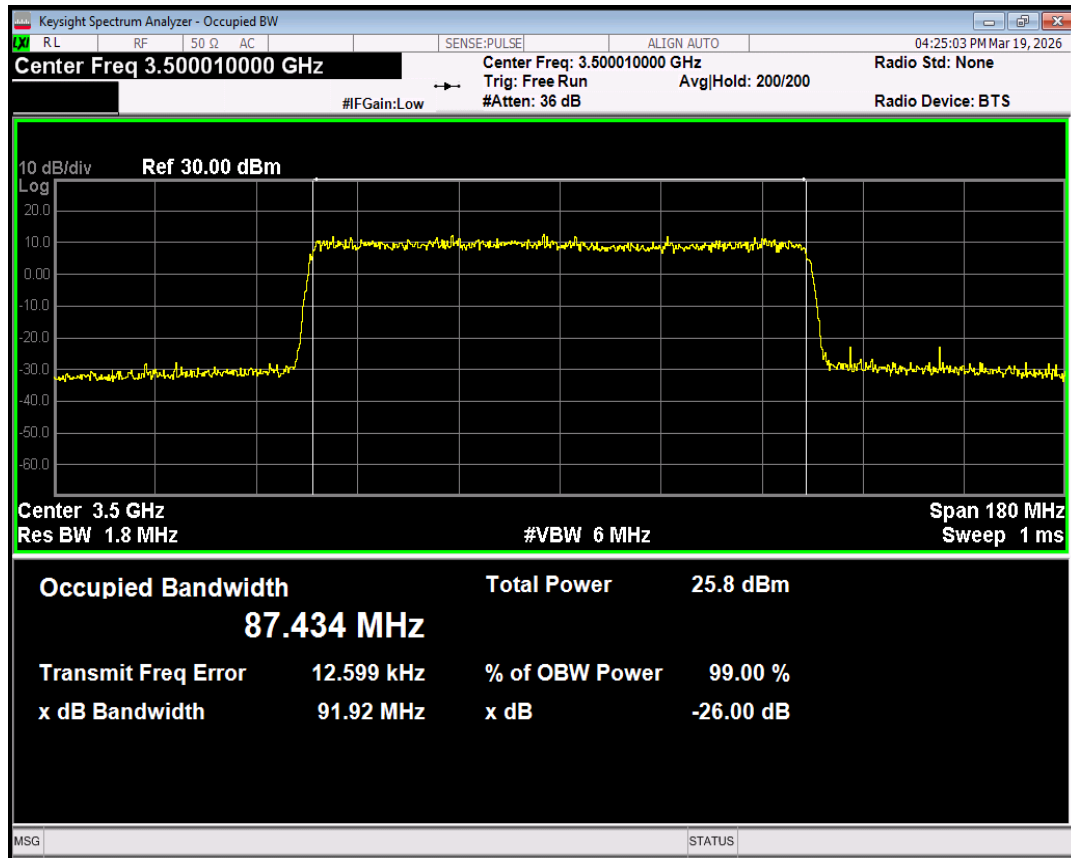
n78(3450-3550) SCS=30kHz CP_256QAM BW=15MHz Channel=633334 RB=38@0



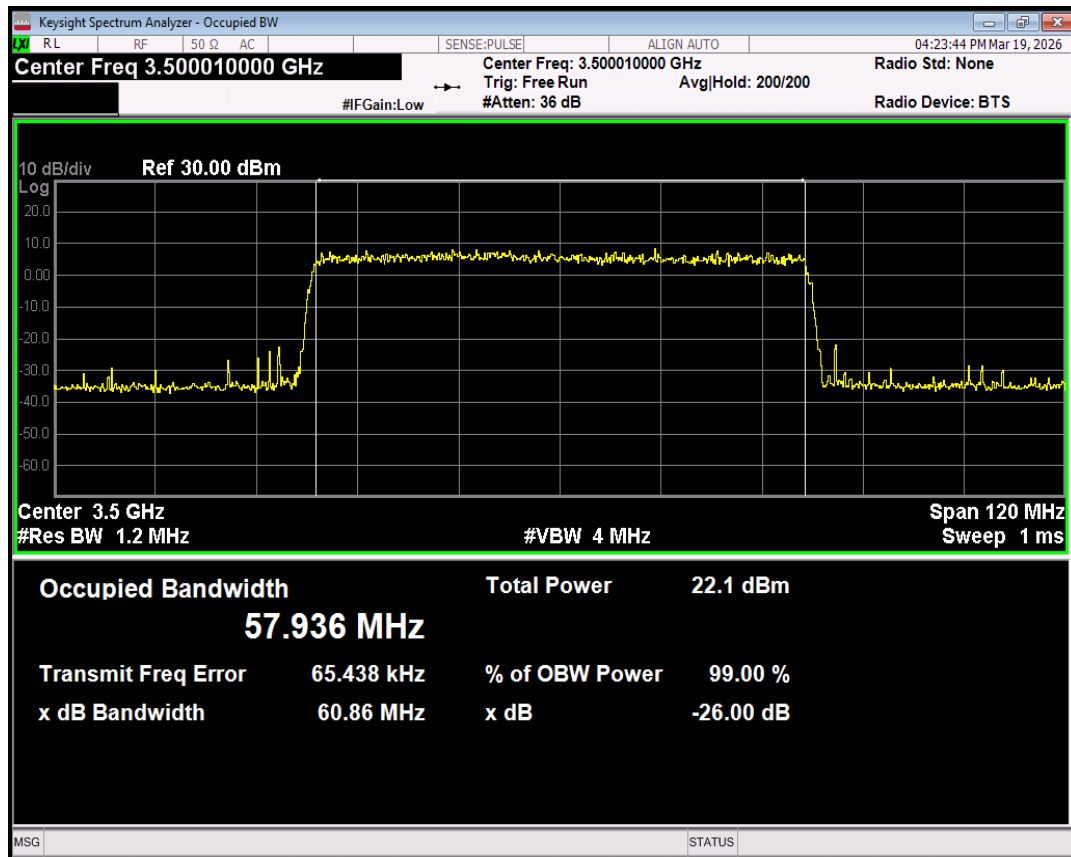
n78(3450-3550) SCS=30kHz CP_16QAM BW=70MHz Channel=633334 RB=189@0



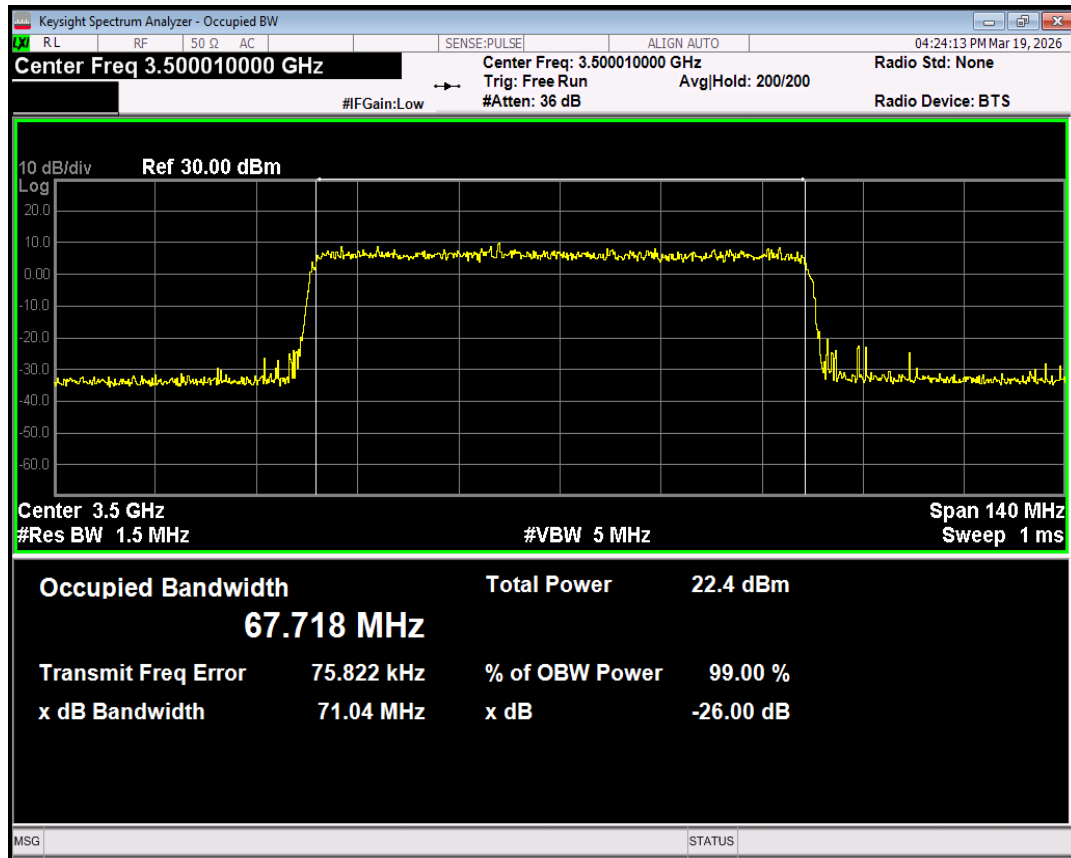
n78(3450-3550) SCS=30kHz CP_16QAM BW=80MHz Channel=633334 RB=217@0



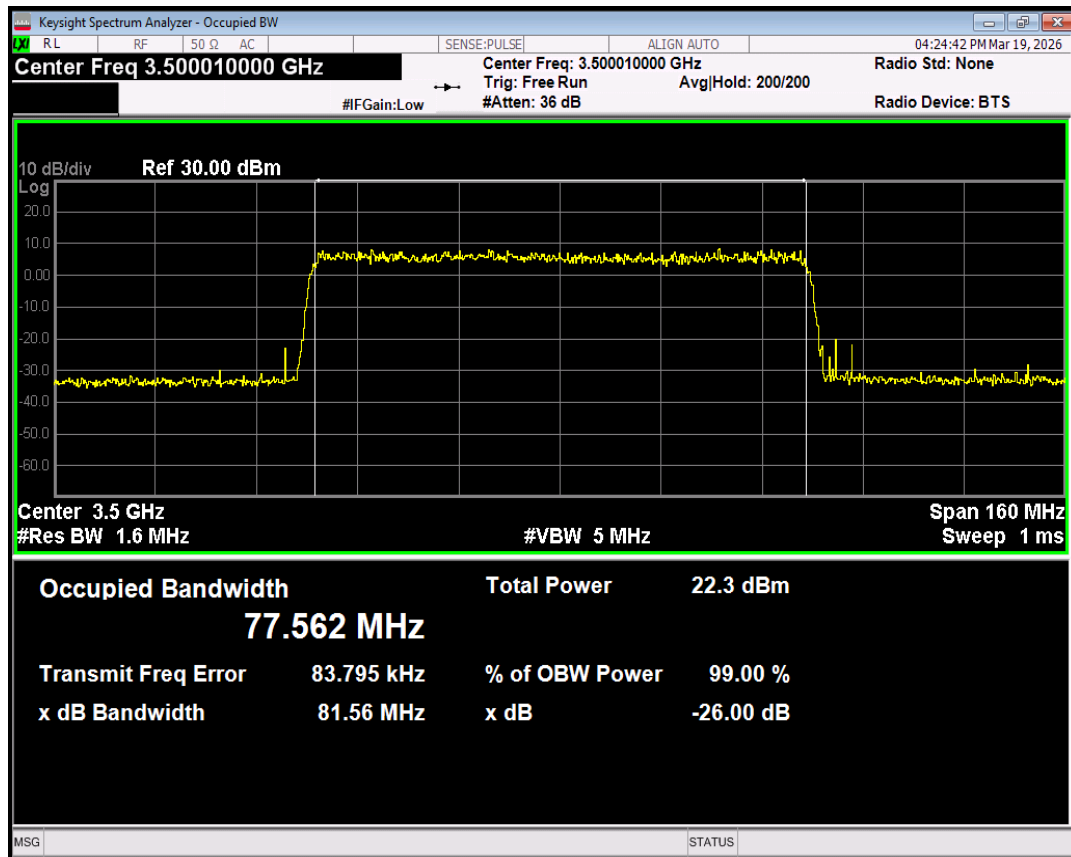
n78(3450-3550) SCS=30kHz CP_16QAM BW=90MHz Channel=633334 RB=245@0



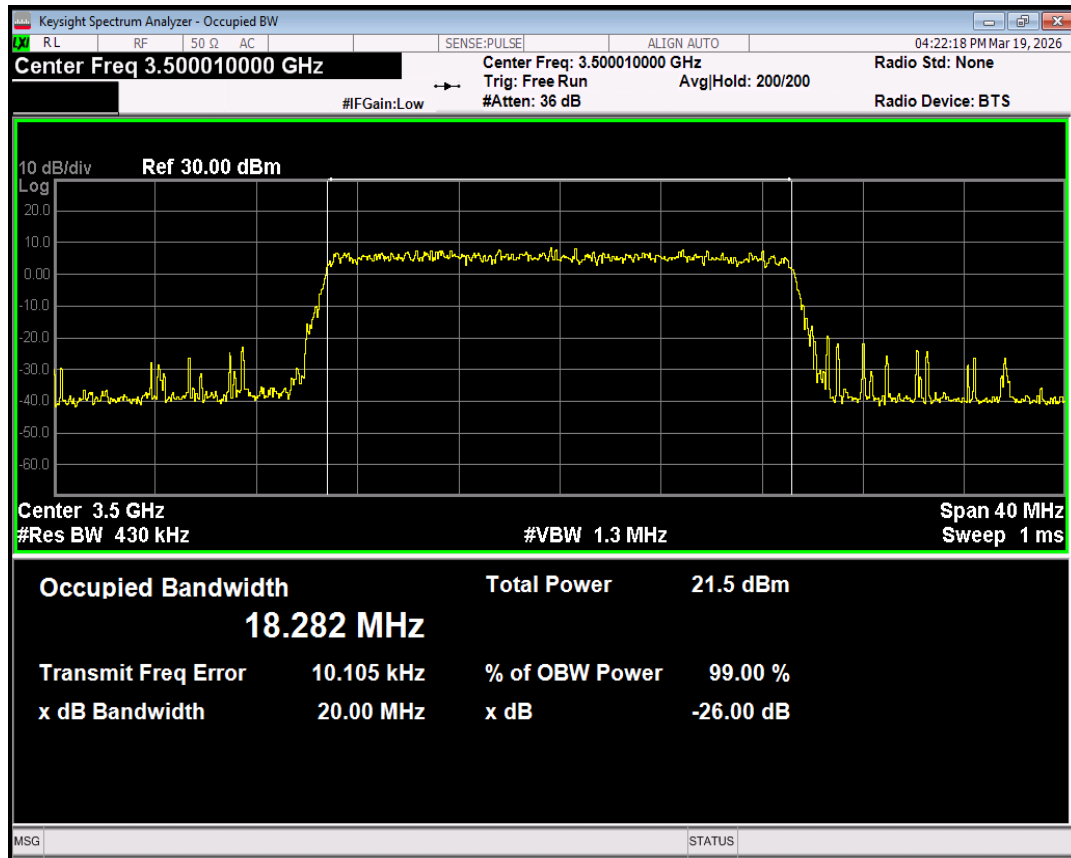
n78(3450-3550) SCS=30kHz CP_256QAM BW=60MHz Channel=633334 RB=162@0



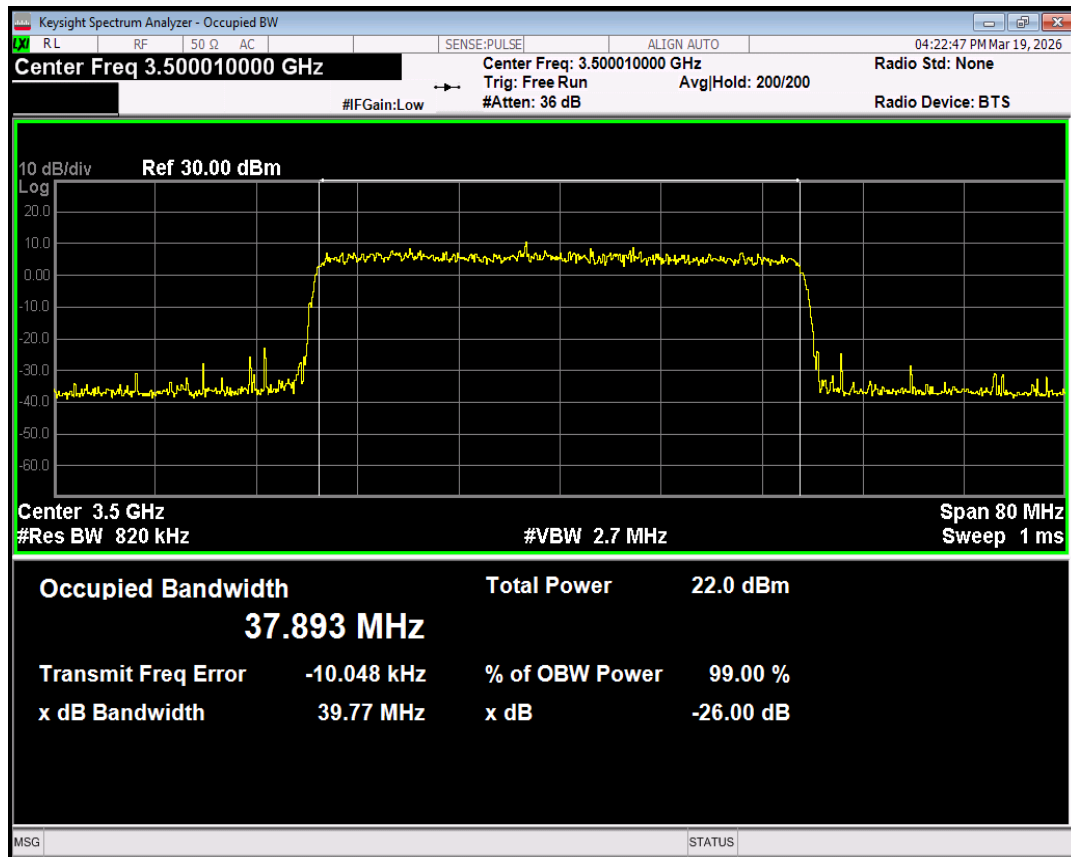
n78(3450-3550) SCS=30kHz CP_256QAM BW=70MHz Channel=633334 RB=189@0



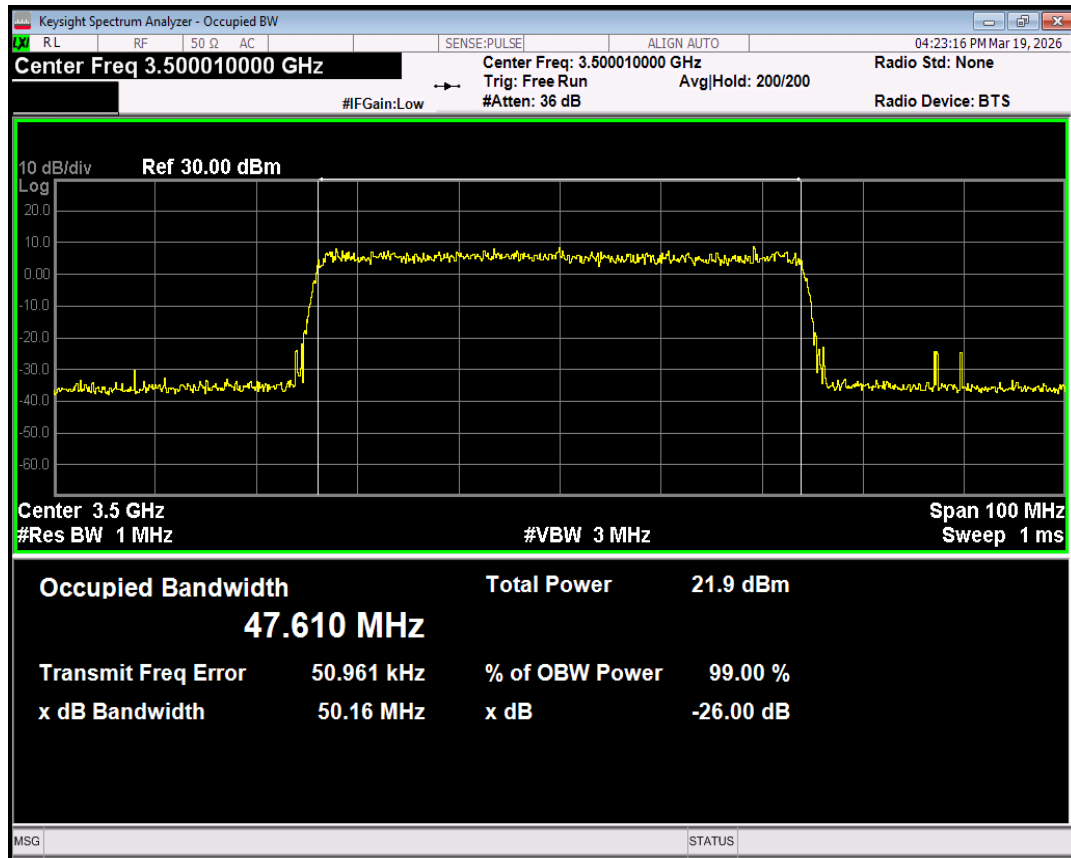
n78(3450-3550) SCS=30kHz CP_256QAM BW=80MHz Channel=633334 RB=217@0



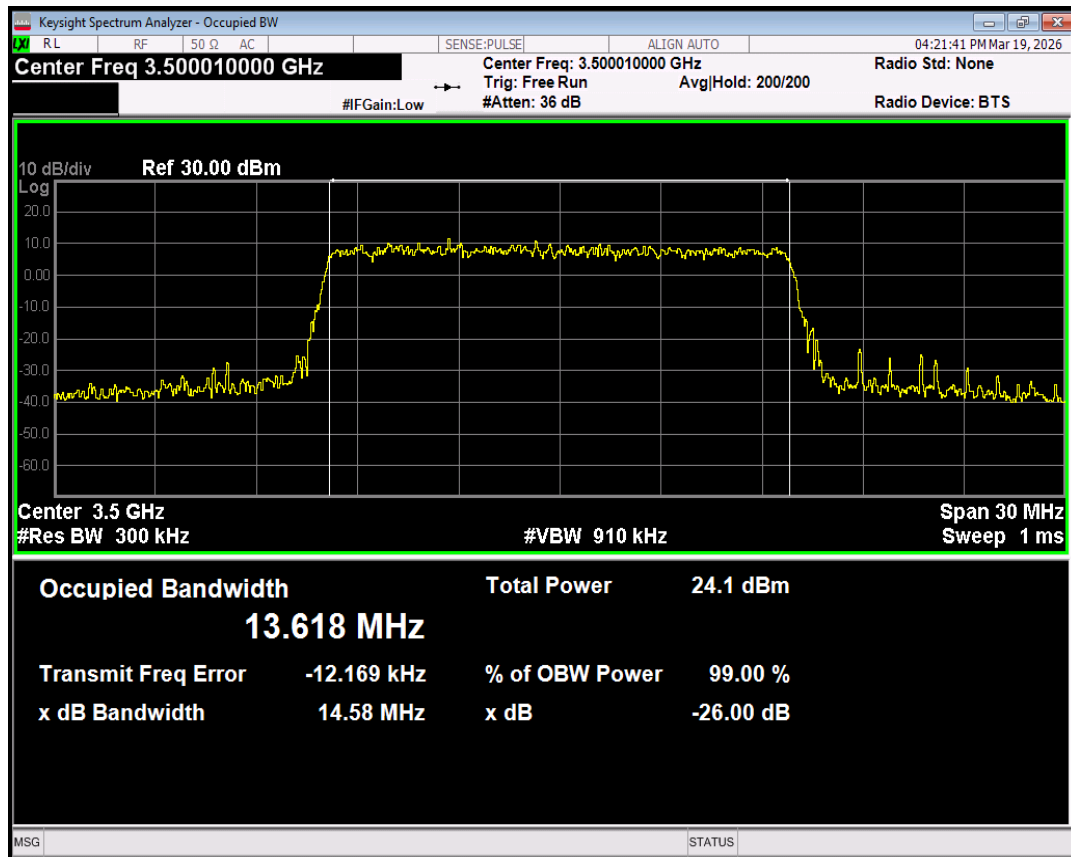
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz Channel=633334 RB=51@0



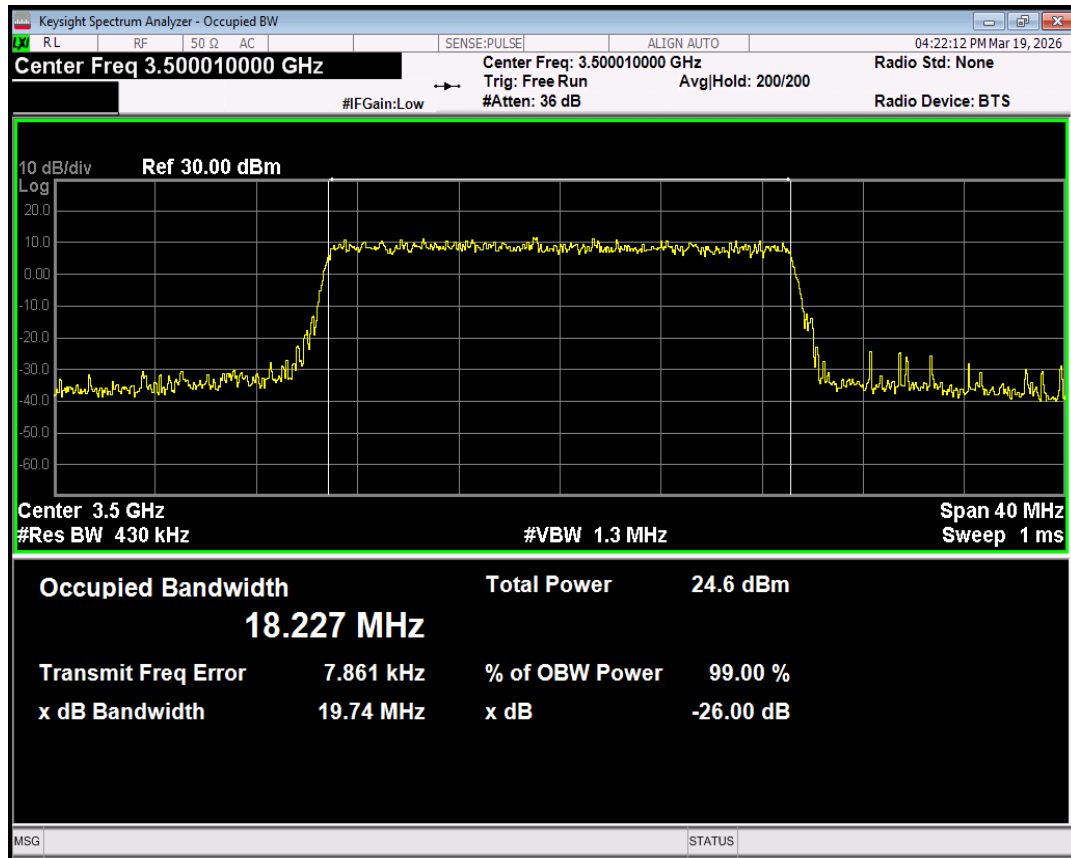
n78(3450-3550) SCS=30kHz CP_256QAM BW=40MHz Channel=633334 RB=106@0



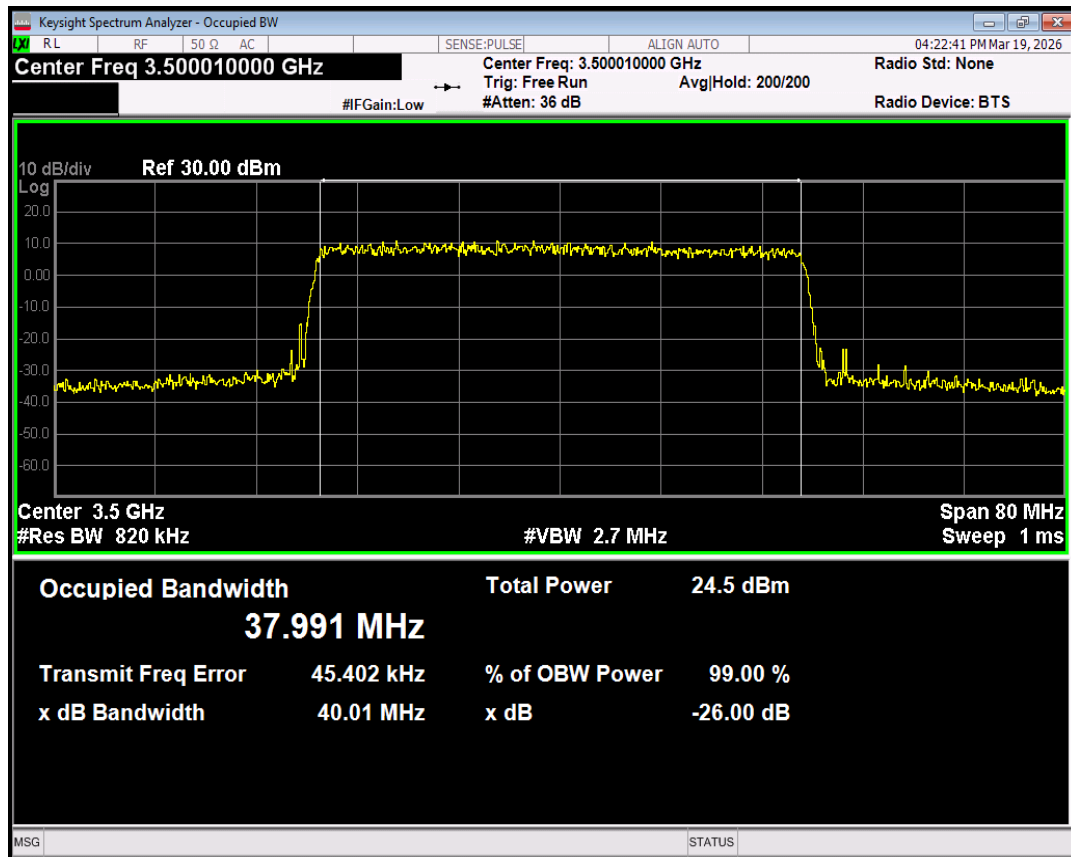
n78(3450-3550) SCS=30kHz CP_256QAM BW=50MHz Channel=633334 RB=133@0



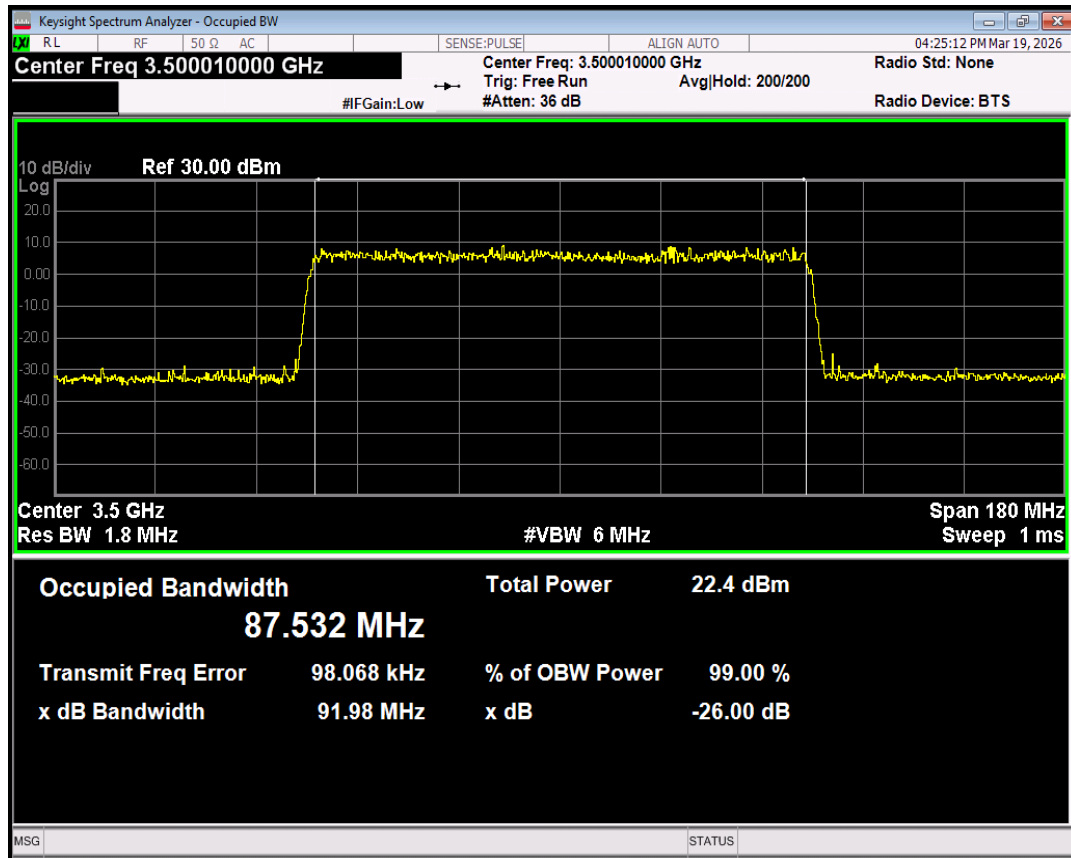
n78(3450-3550) SCS=30kHz CP_64QAM BW=15MHz Channel=633334 RB=38@0



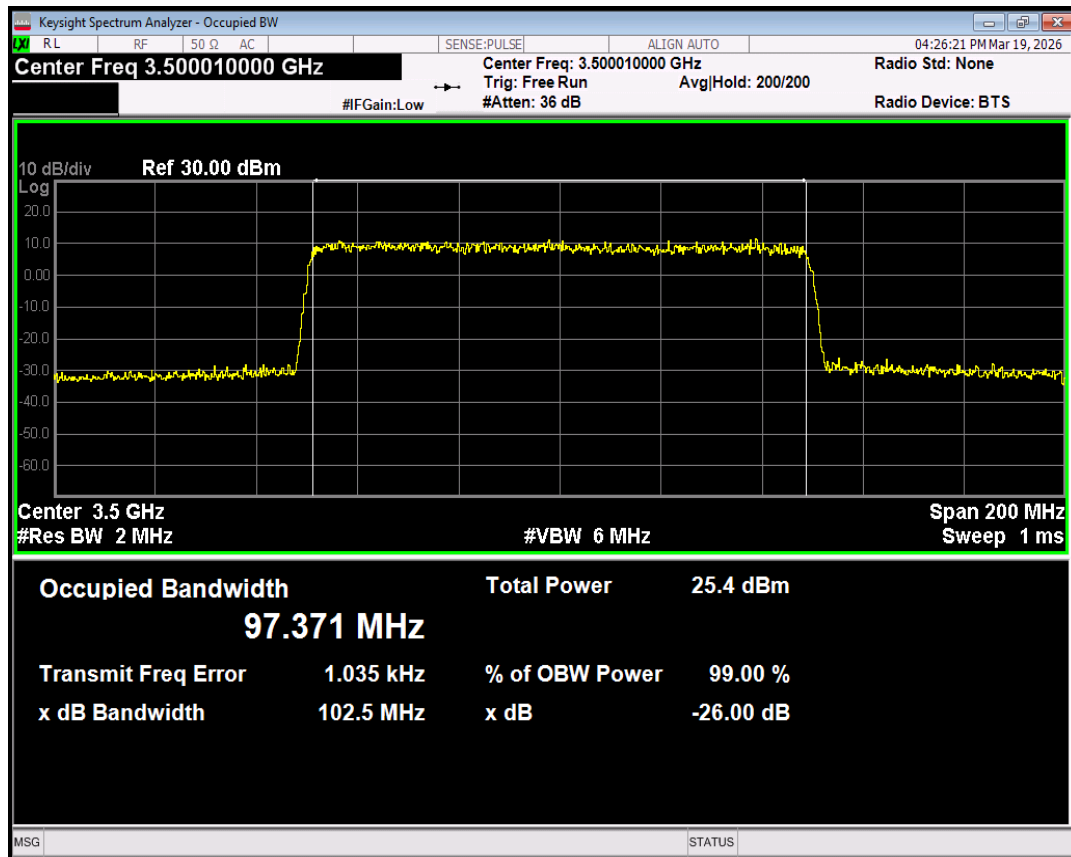
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz Channel=633334 RB=51@0



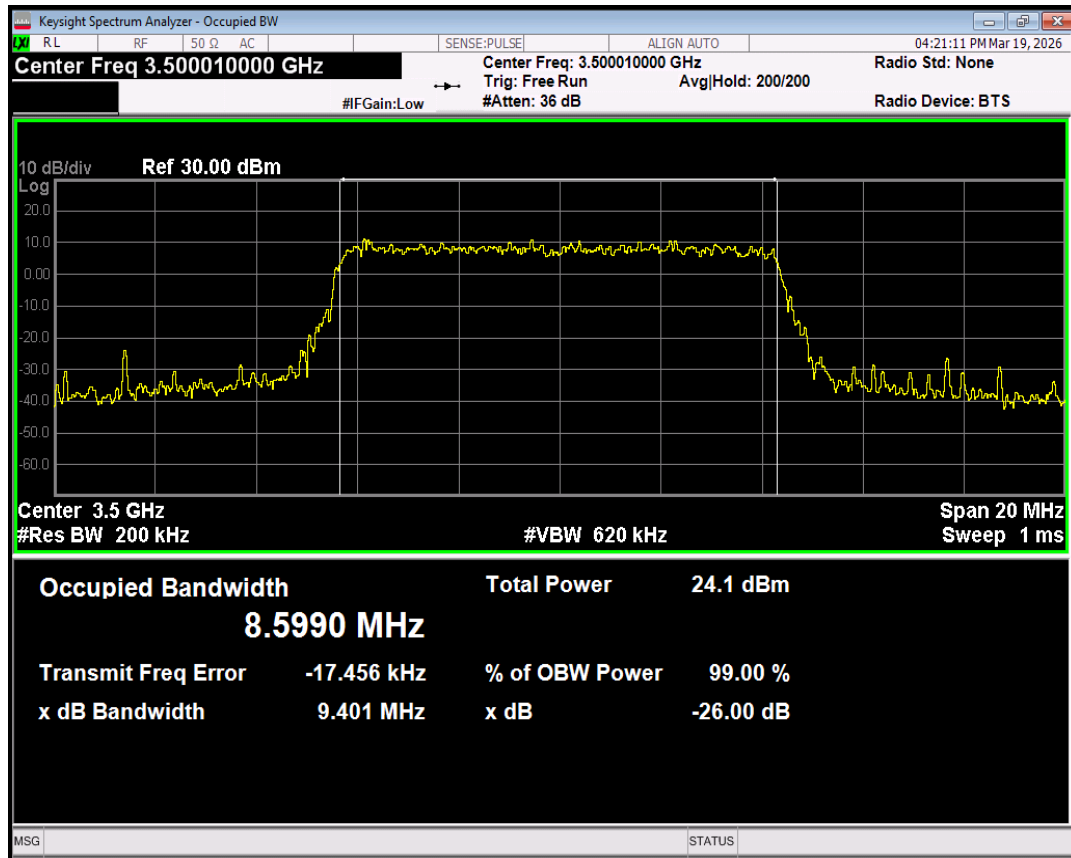
n78(3450-3550) SCS=30kHz CP_64QAM BW=40MHz Channel=633334 RB=106@0



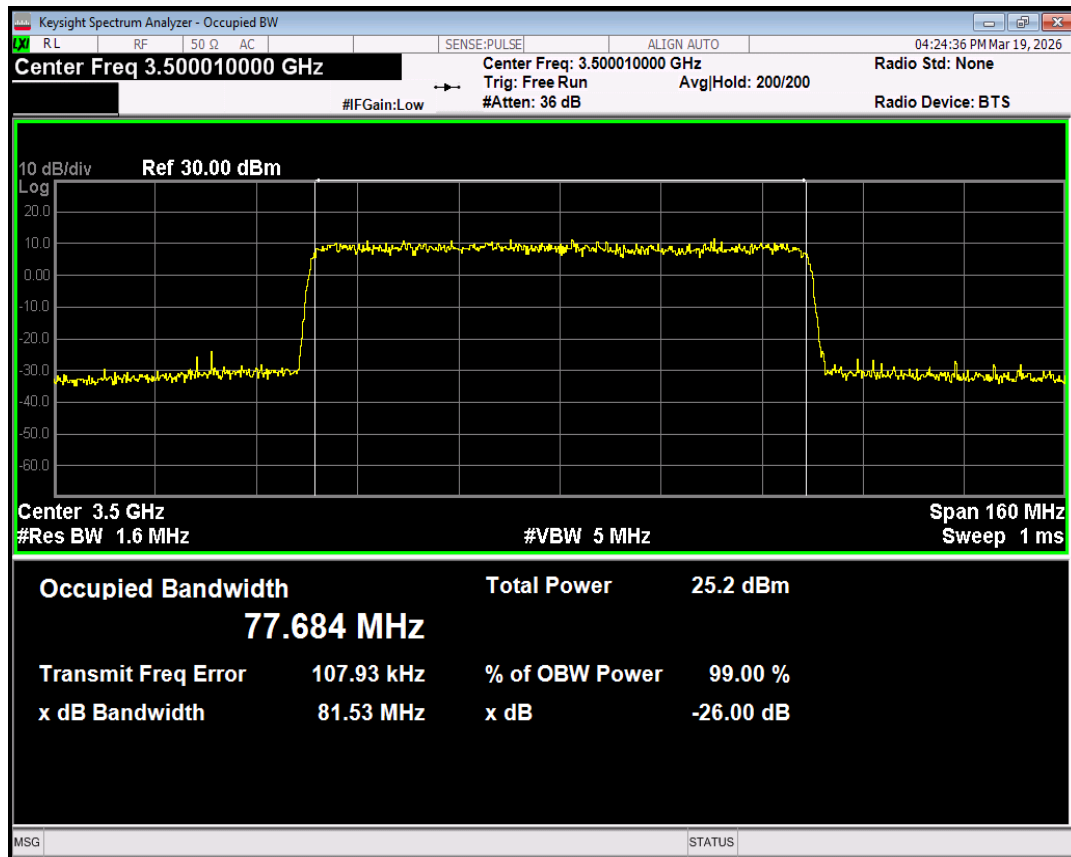
n78(3450-3550) SCS=30kHz CP_256QAM BW=90MHz Channel=633334 RB=245@0



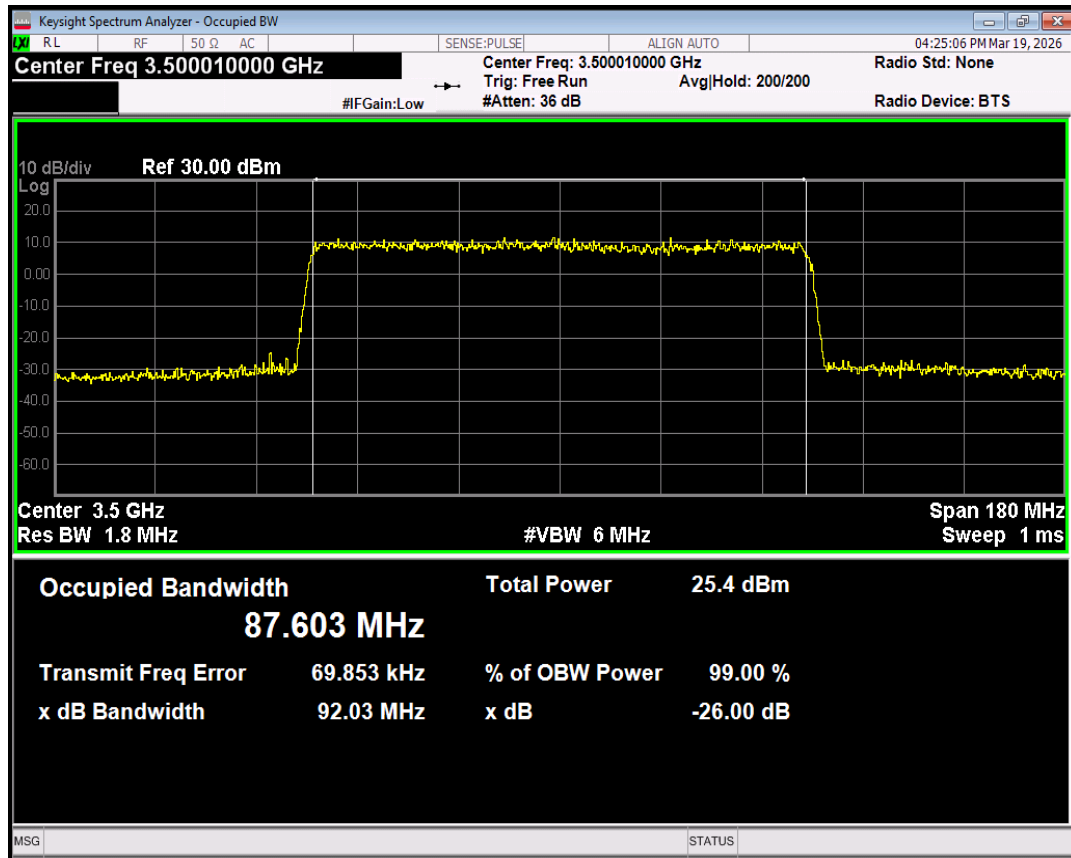
n78(3450-3550) SCS=30kHz CP_64QAM BW=100MHz Channel=633334 RB=273@0



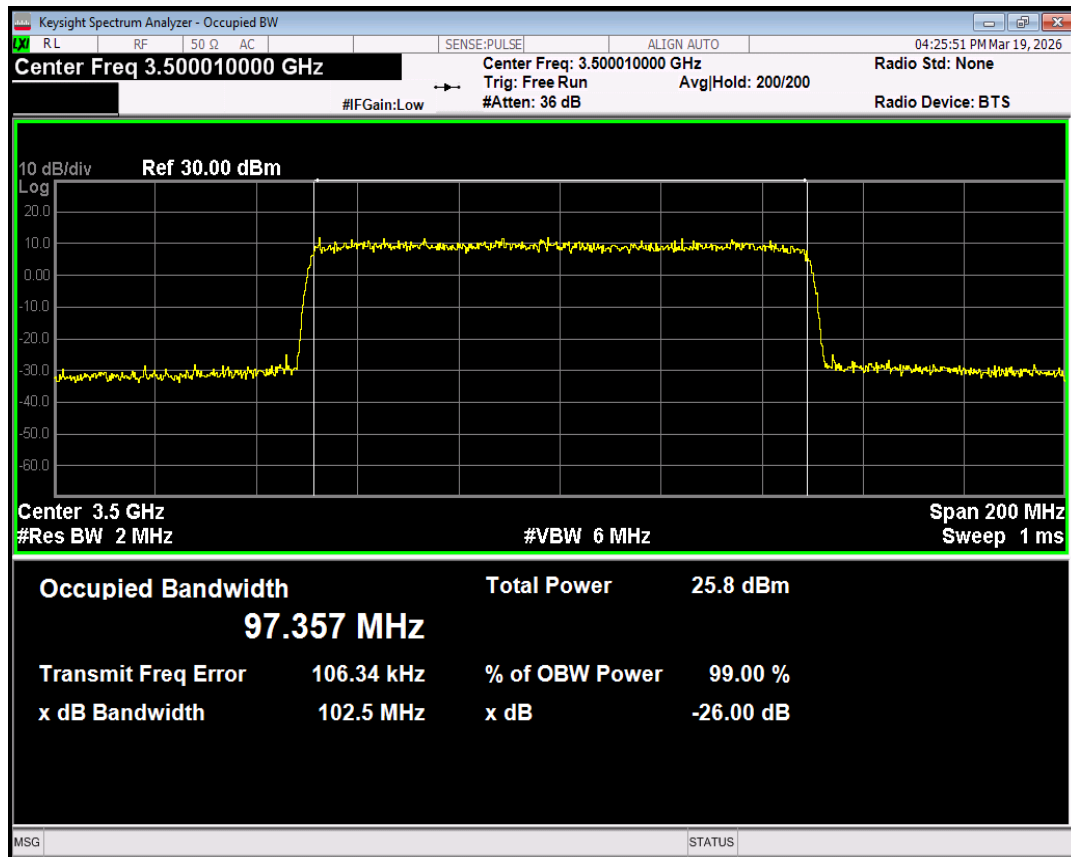
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz Channel=633334 RB=24@0



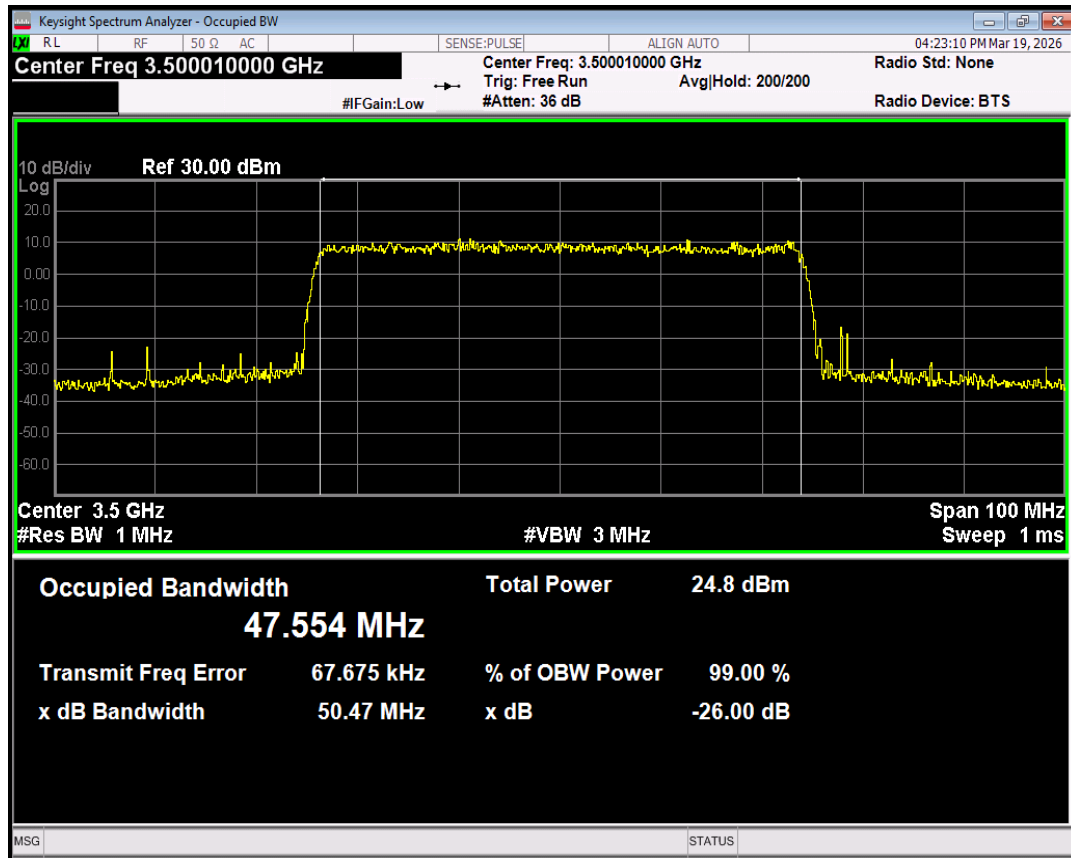
n78(3450-3550) SCS=30kHz CP_64QAM BW=80MHz Channel=633334 RB=217@0



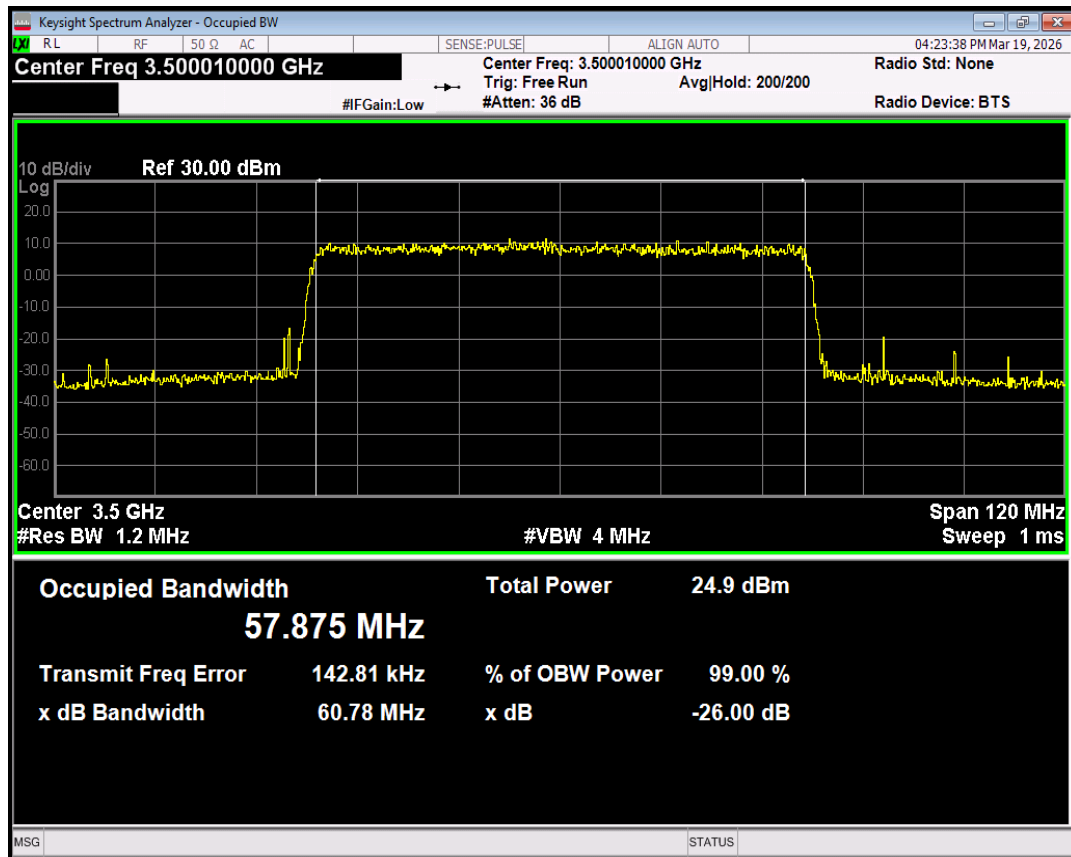
n78(3450-3550) SCS=30kHz CP_64QAM BW=90MHz Channel=633334 RB=245@0



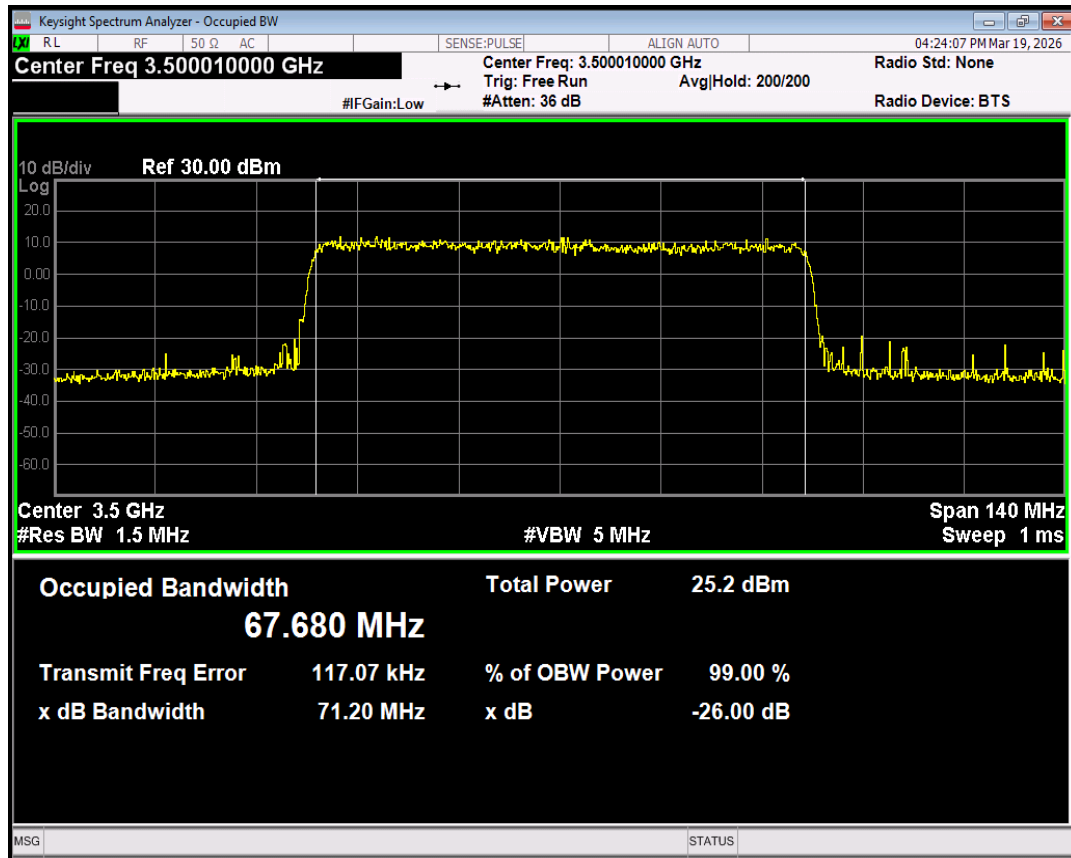
n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



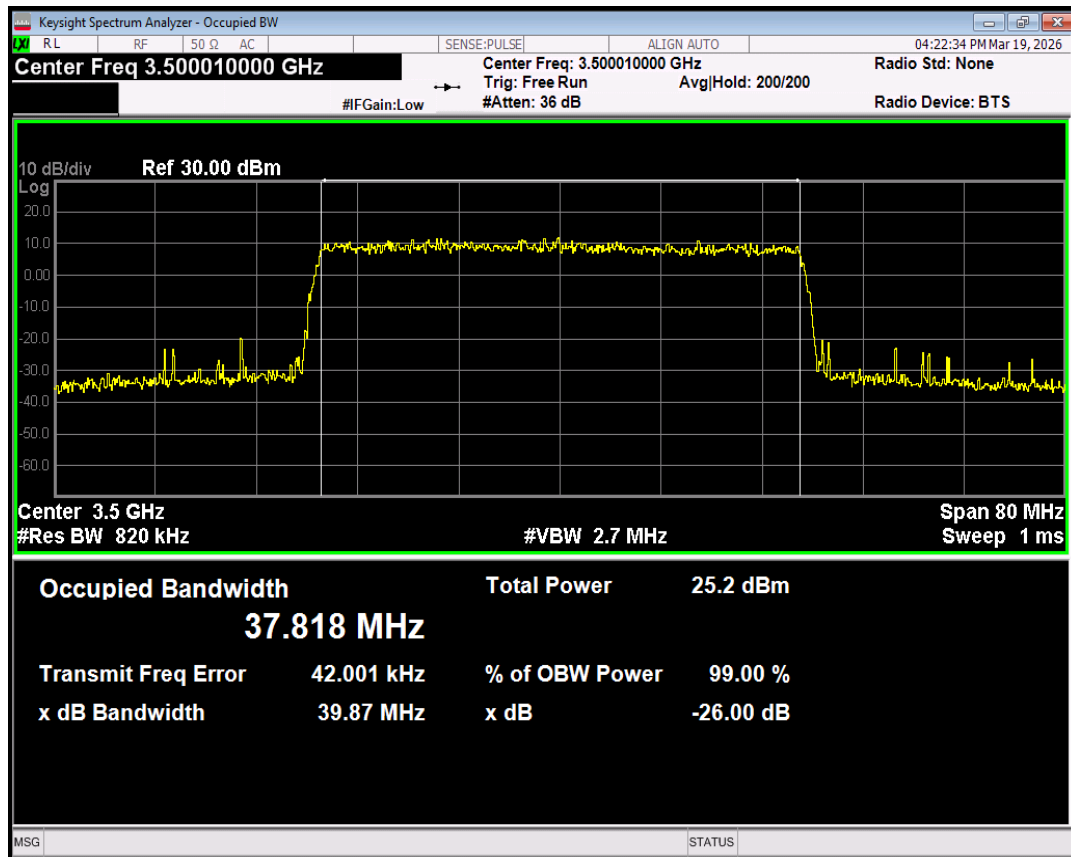
n78(3450-3550) SCS=30kHz CP_64QAM BW=50MHz Channel=633334 RB=133@0



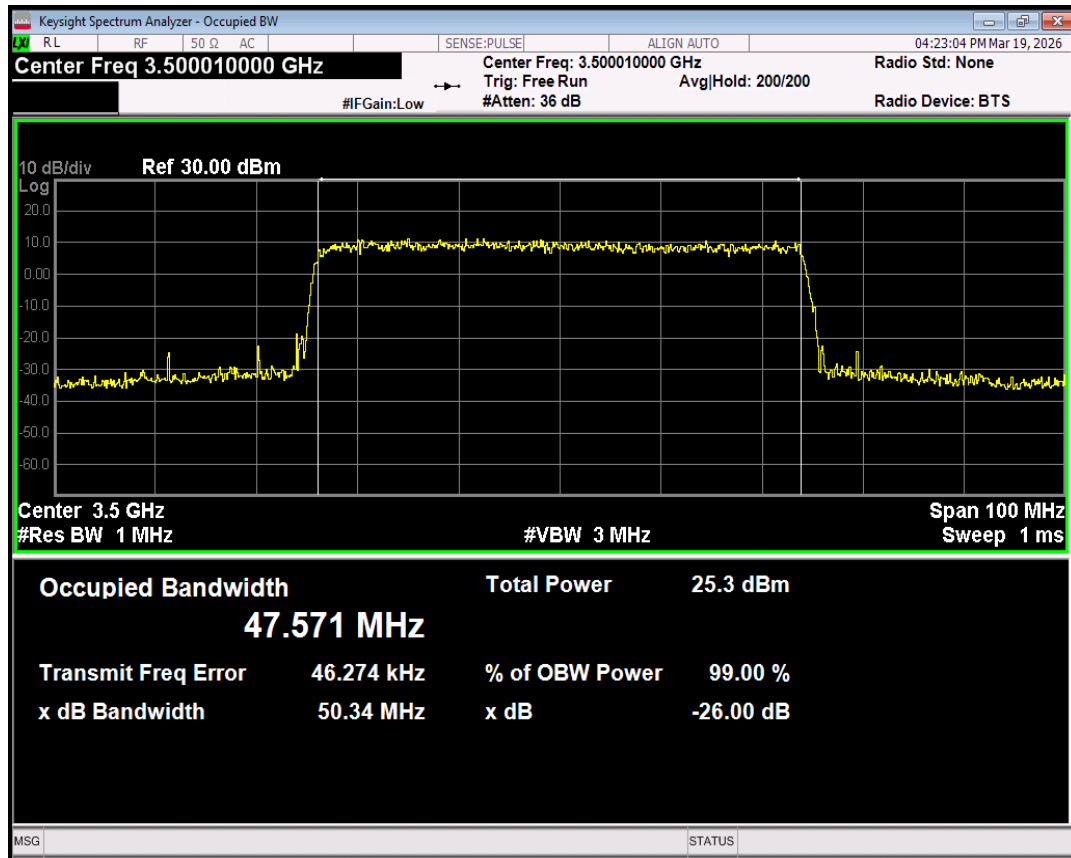
n78(3450-3550) SCS=30kHz CP_64QAM BW=60MHz Channel=633334 RB=162@0



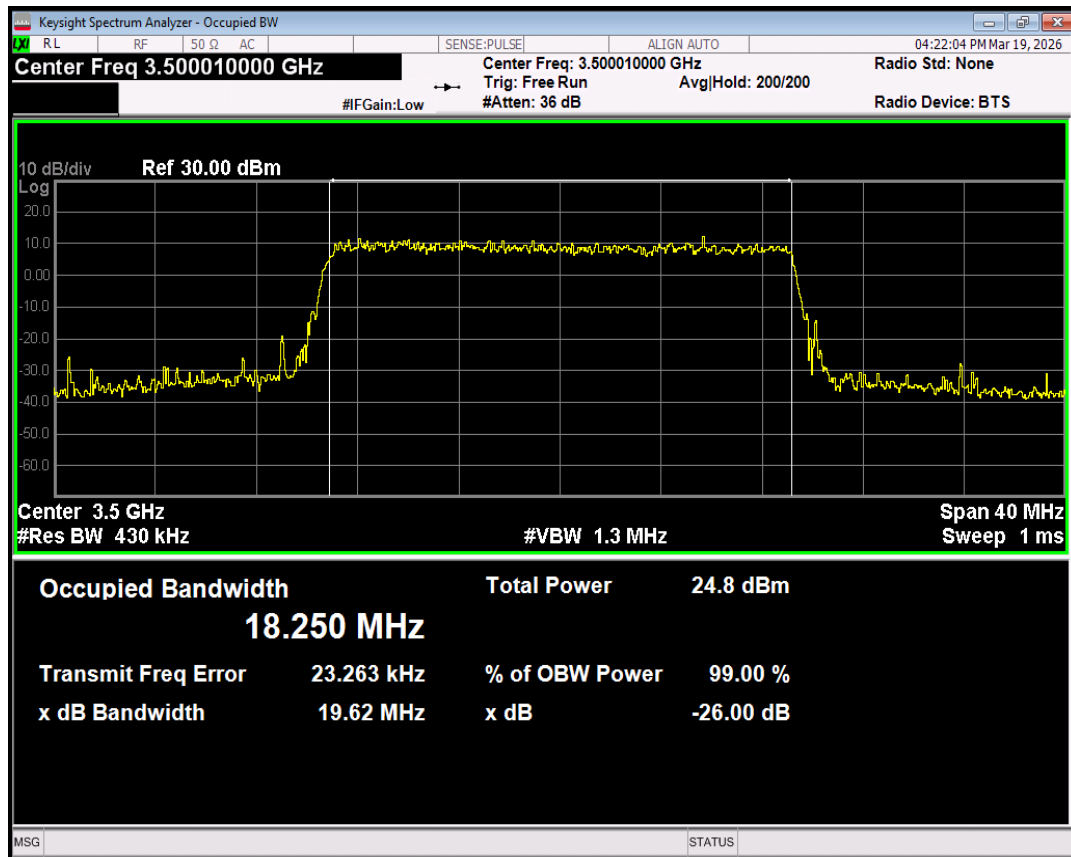
n78(3450-3550) SCS=30kHz CP_64QAM BW=70MHz Channel=633334 RB=189@0



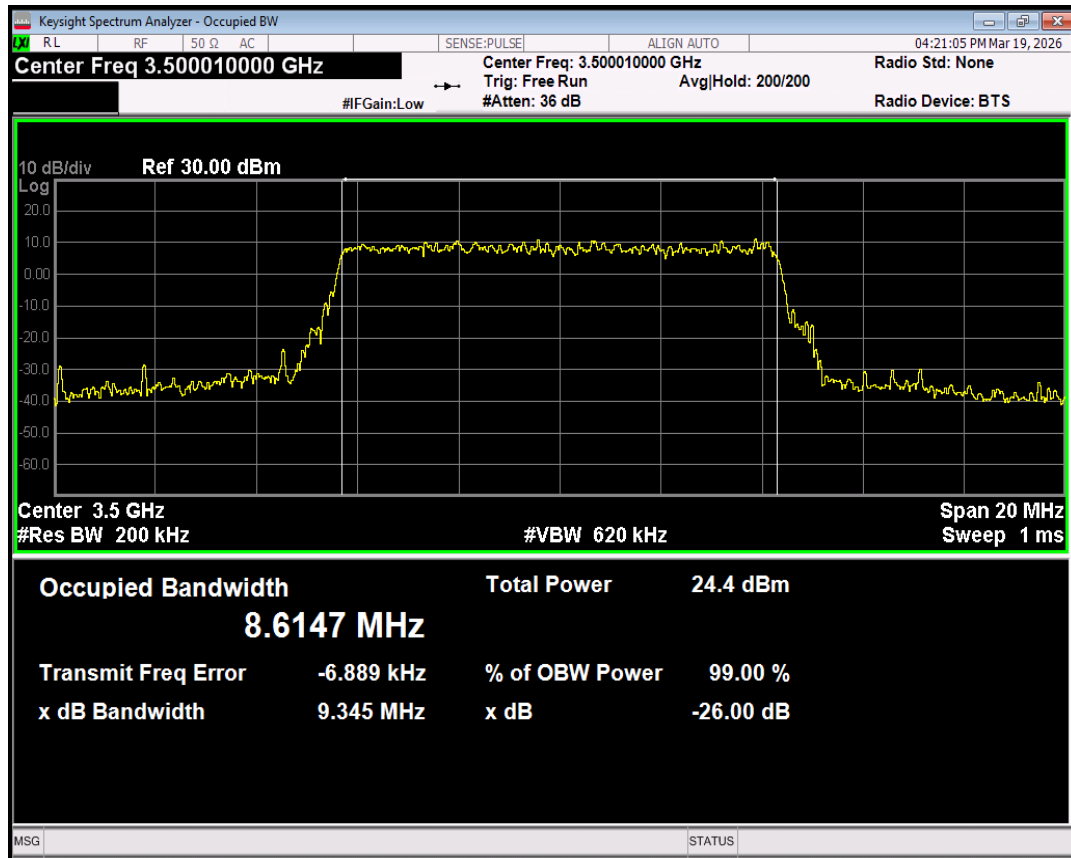
n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz Channel=633334 RB=106@0



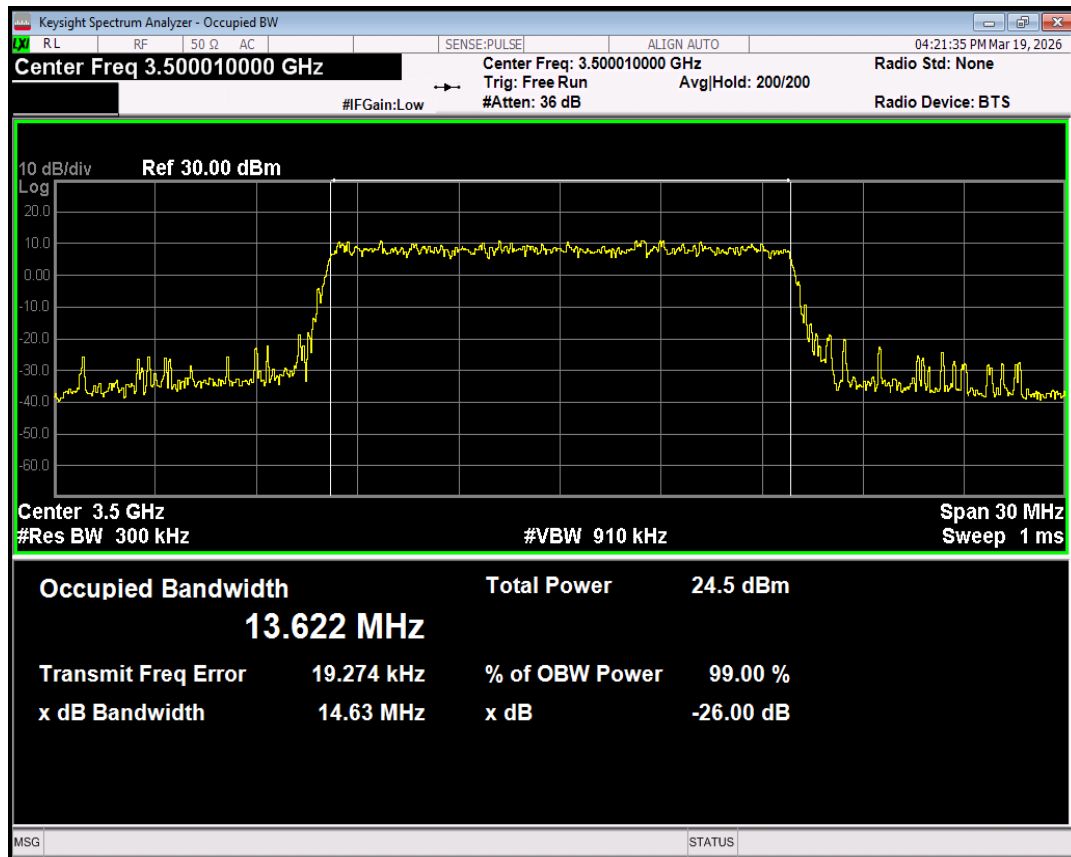
n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=633334 RB=133@0



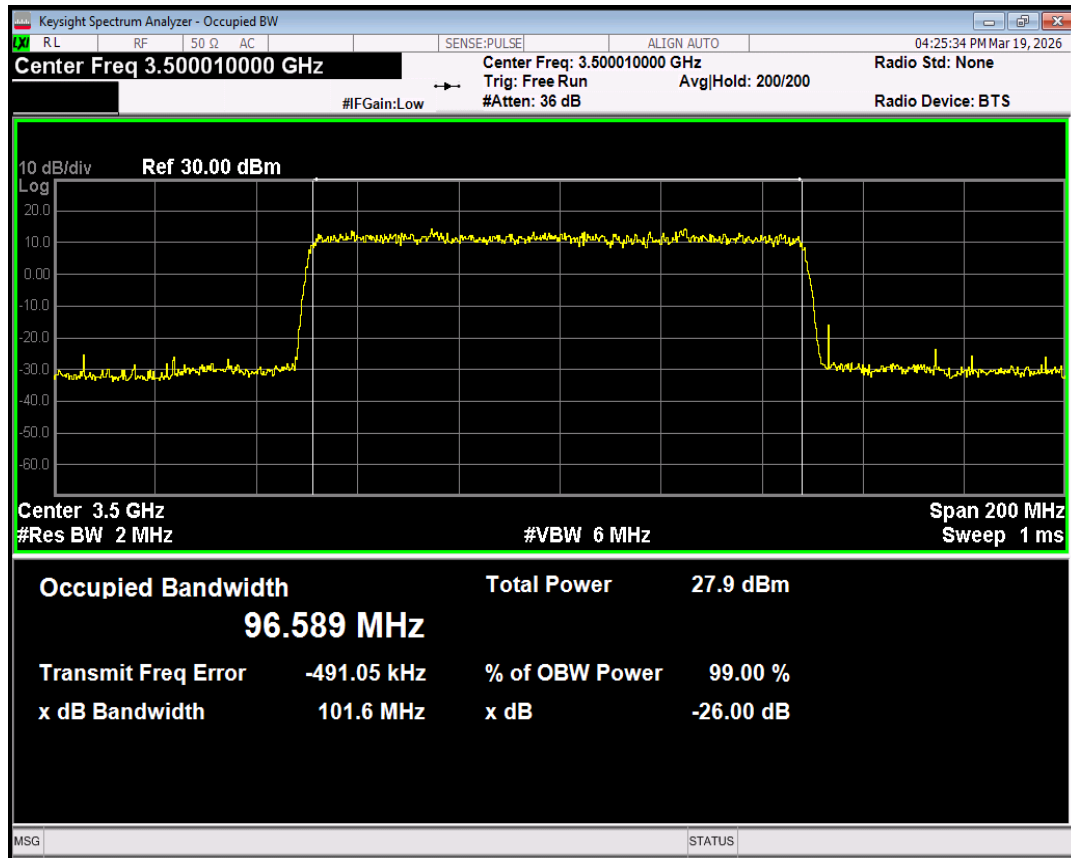
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



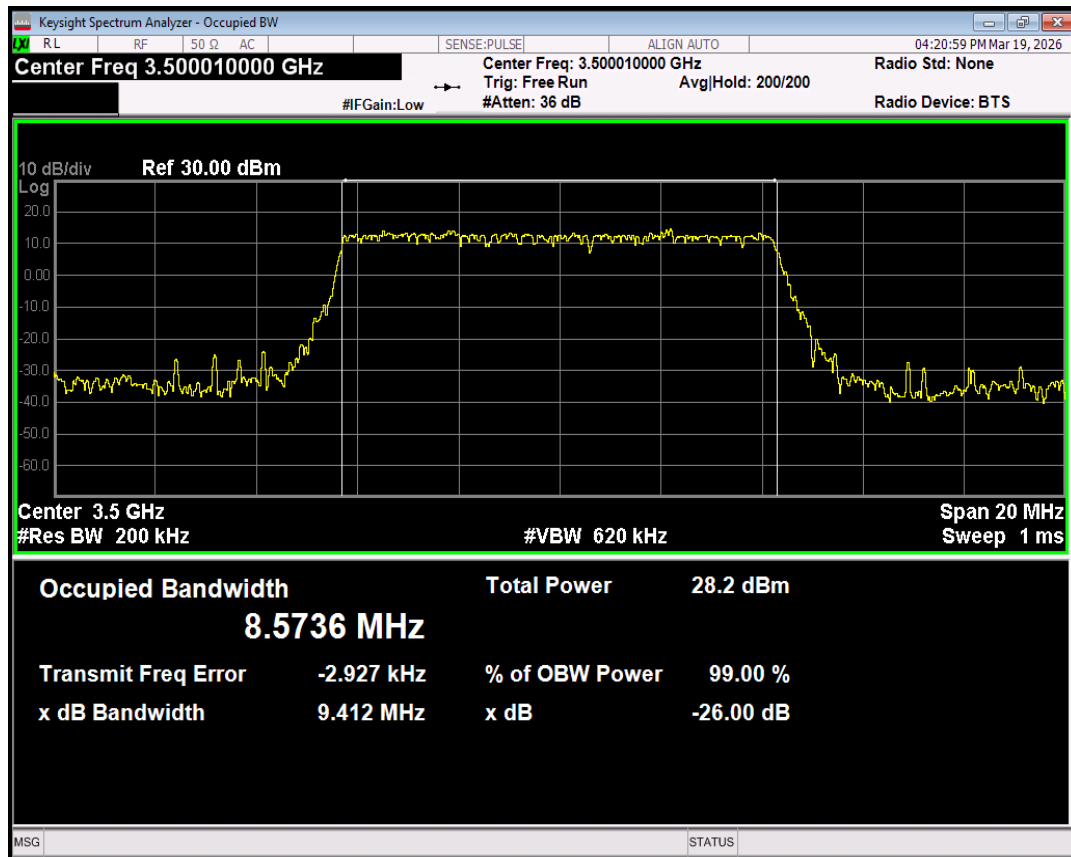
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



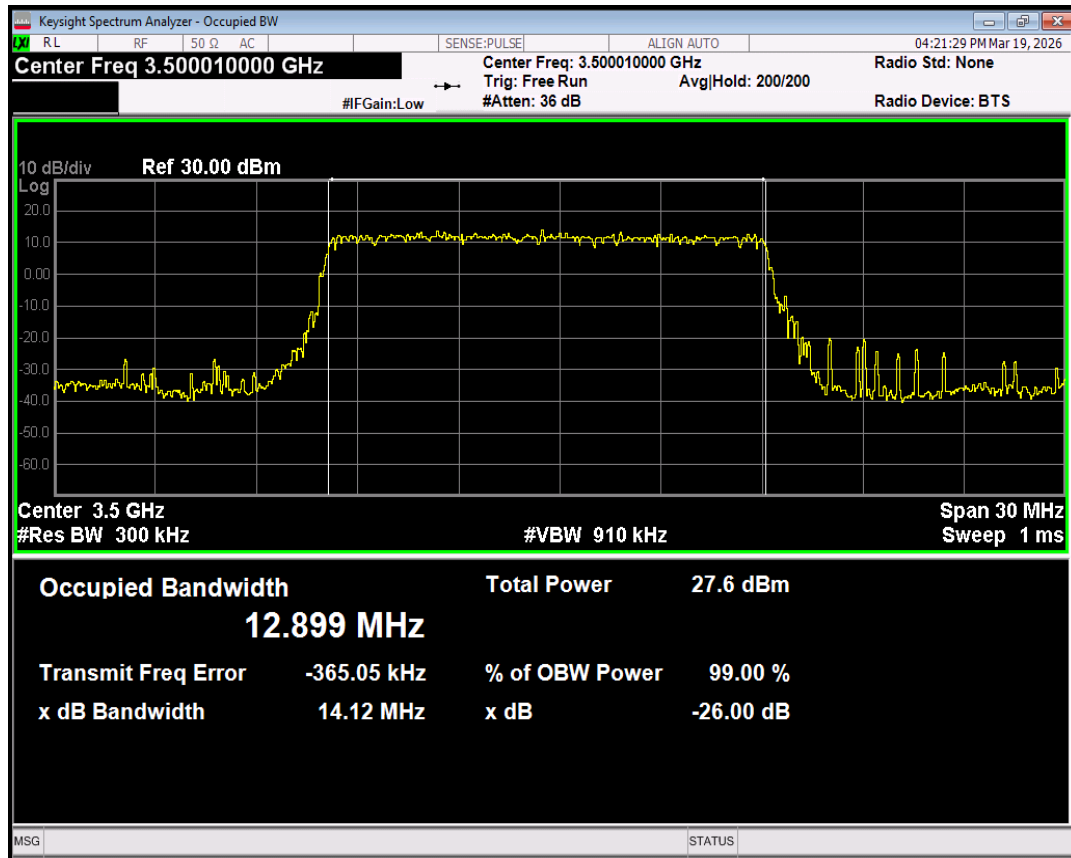
n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=38@0



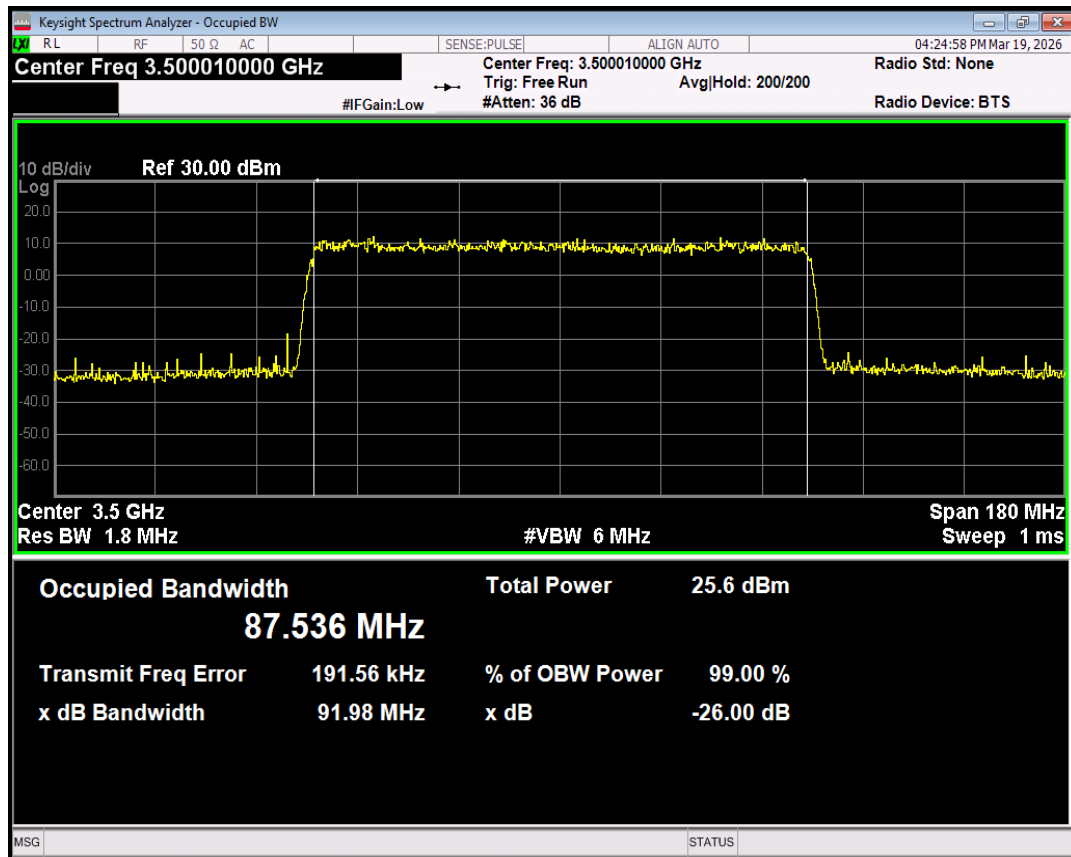
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



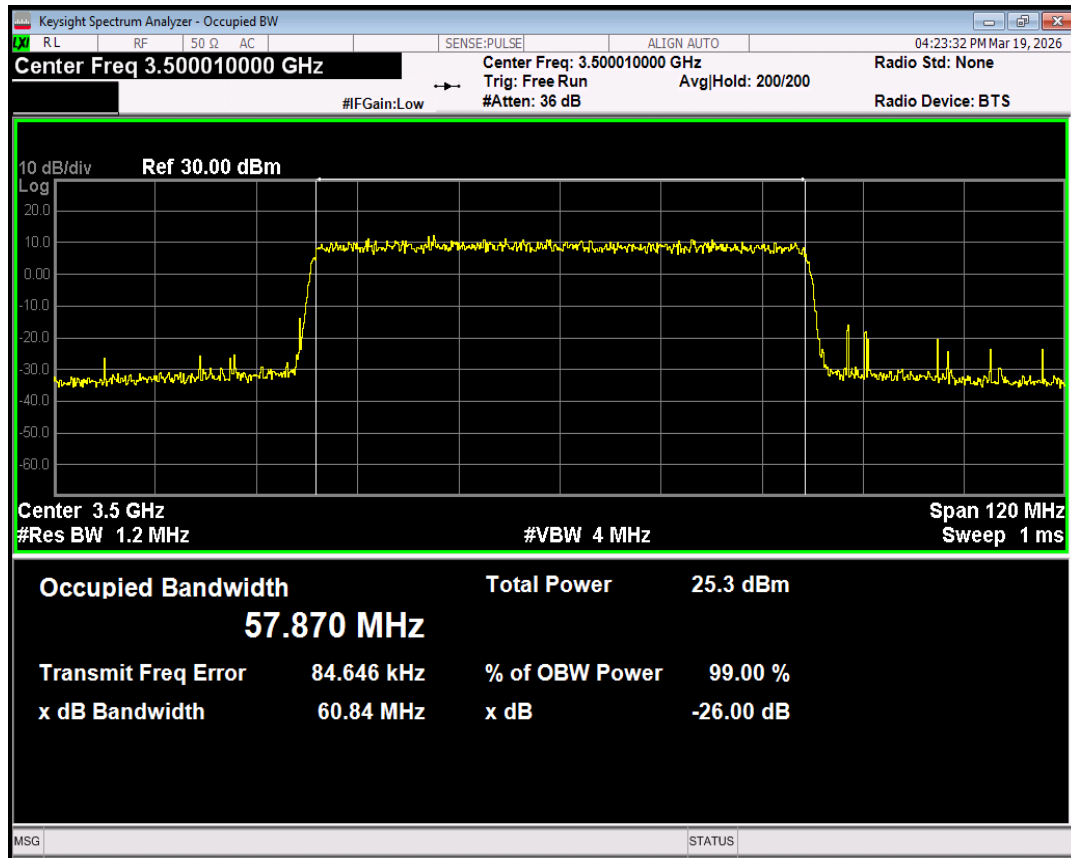
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



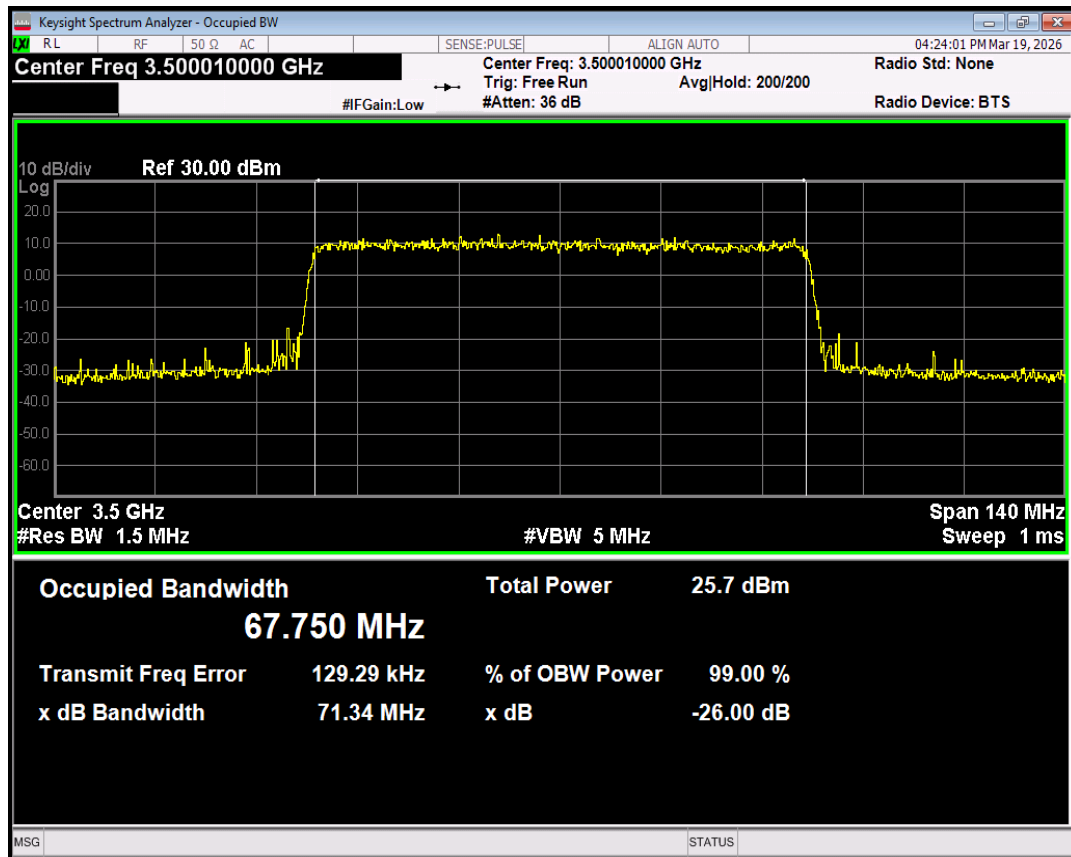
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



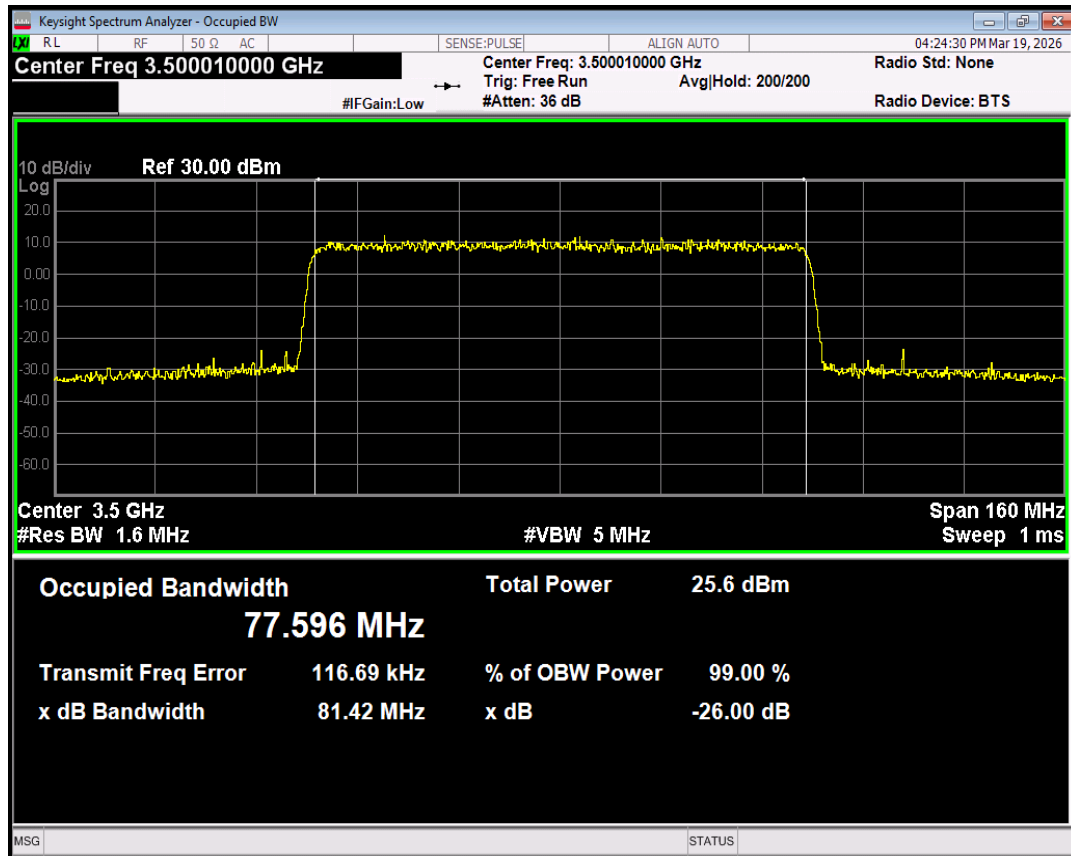
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633334 RB=245@0



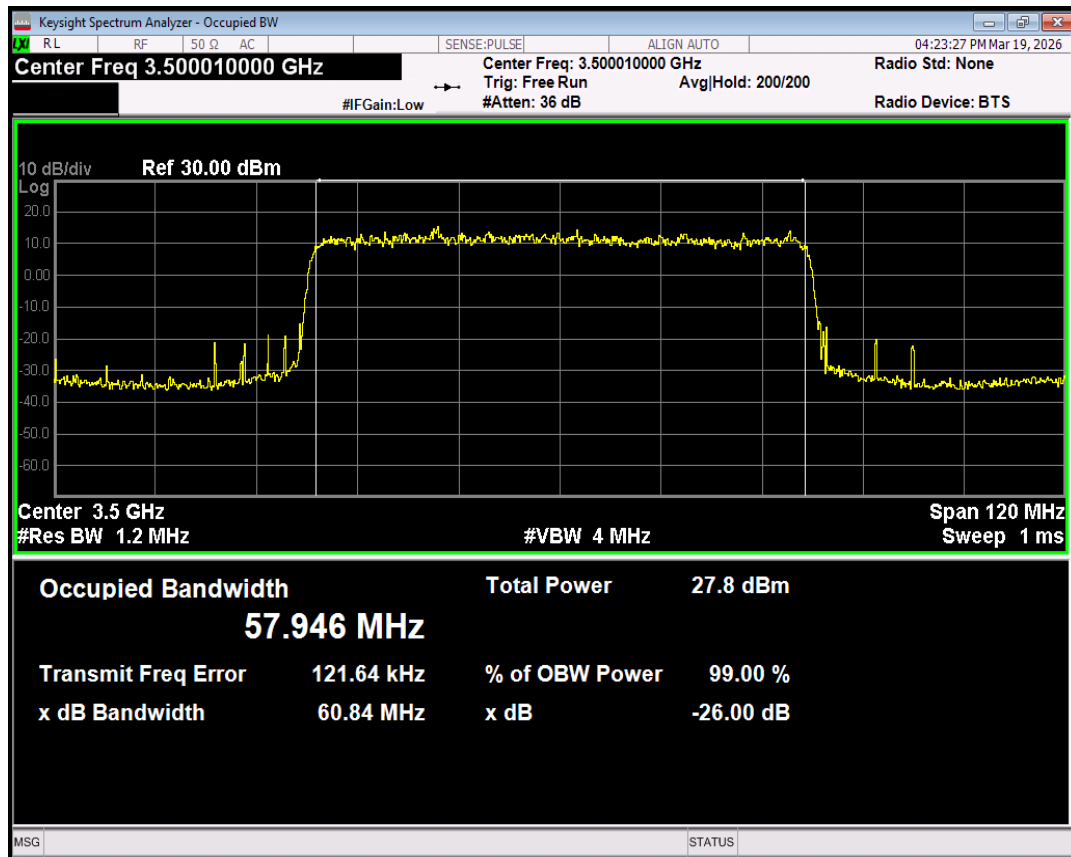
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=633334 RB=162@0



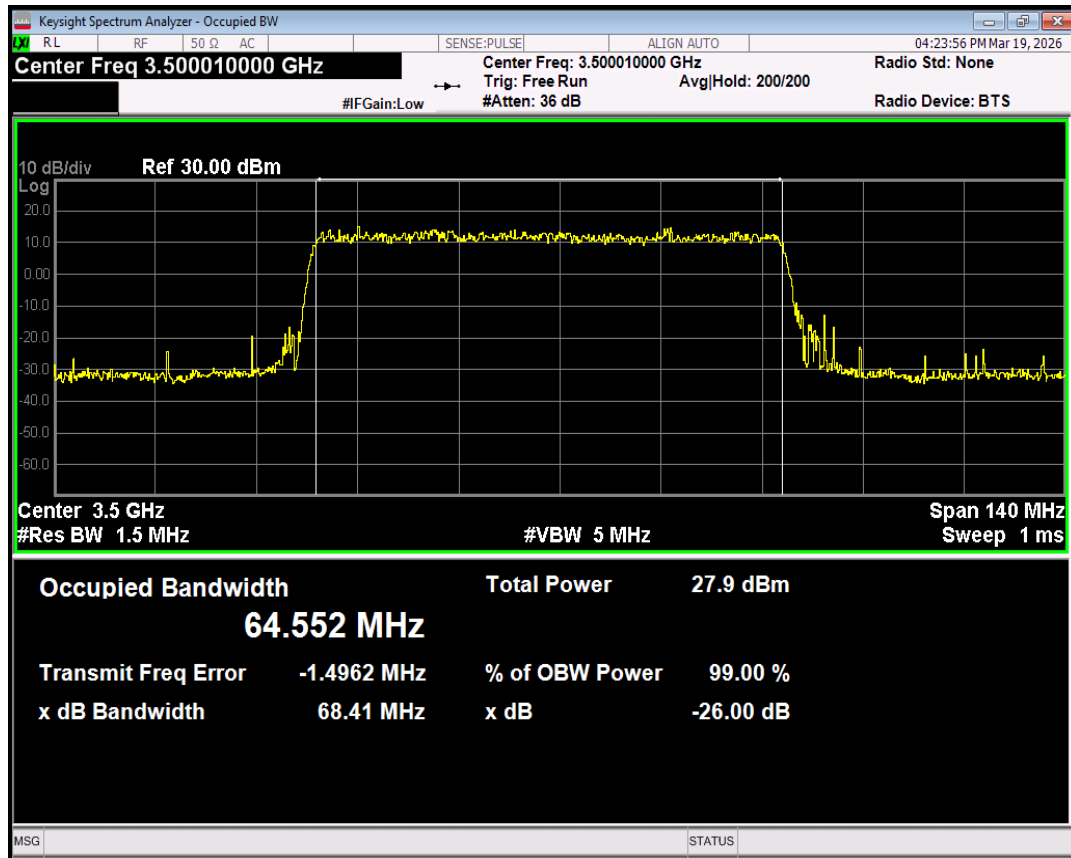
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=633334 RB=189@0



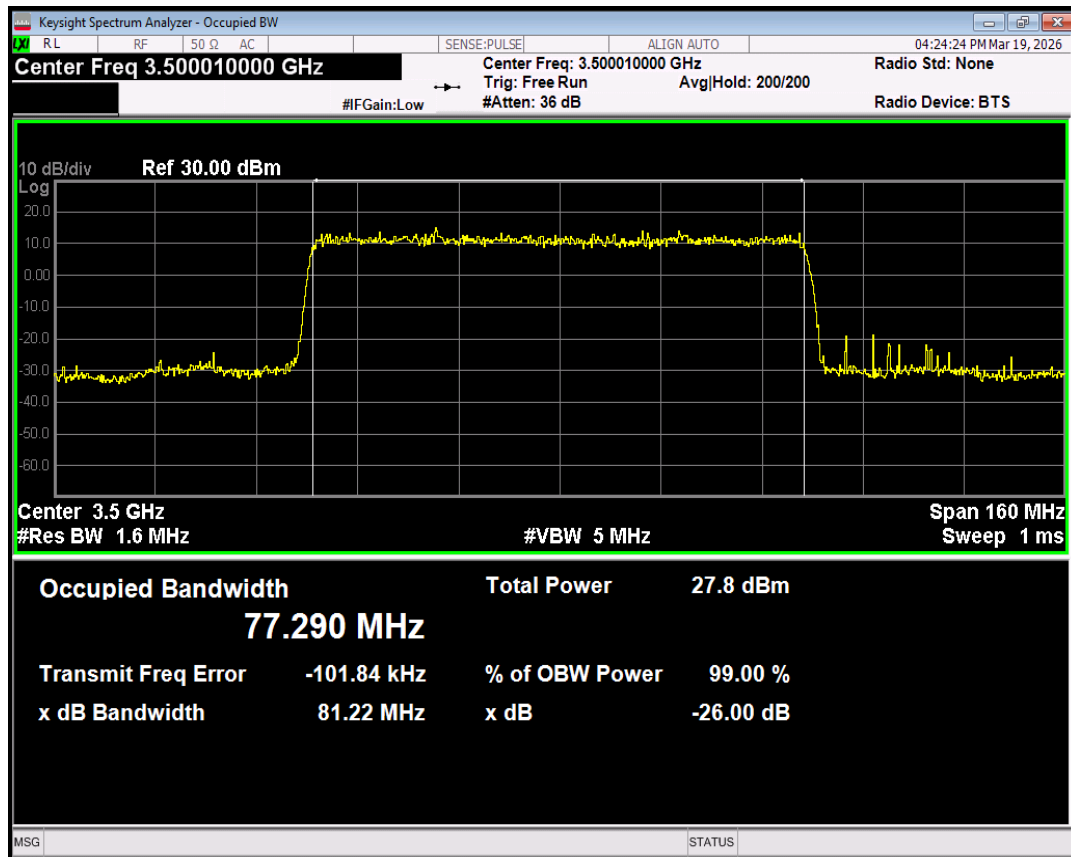
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=633334 RB=217@0



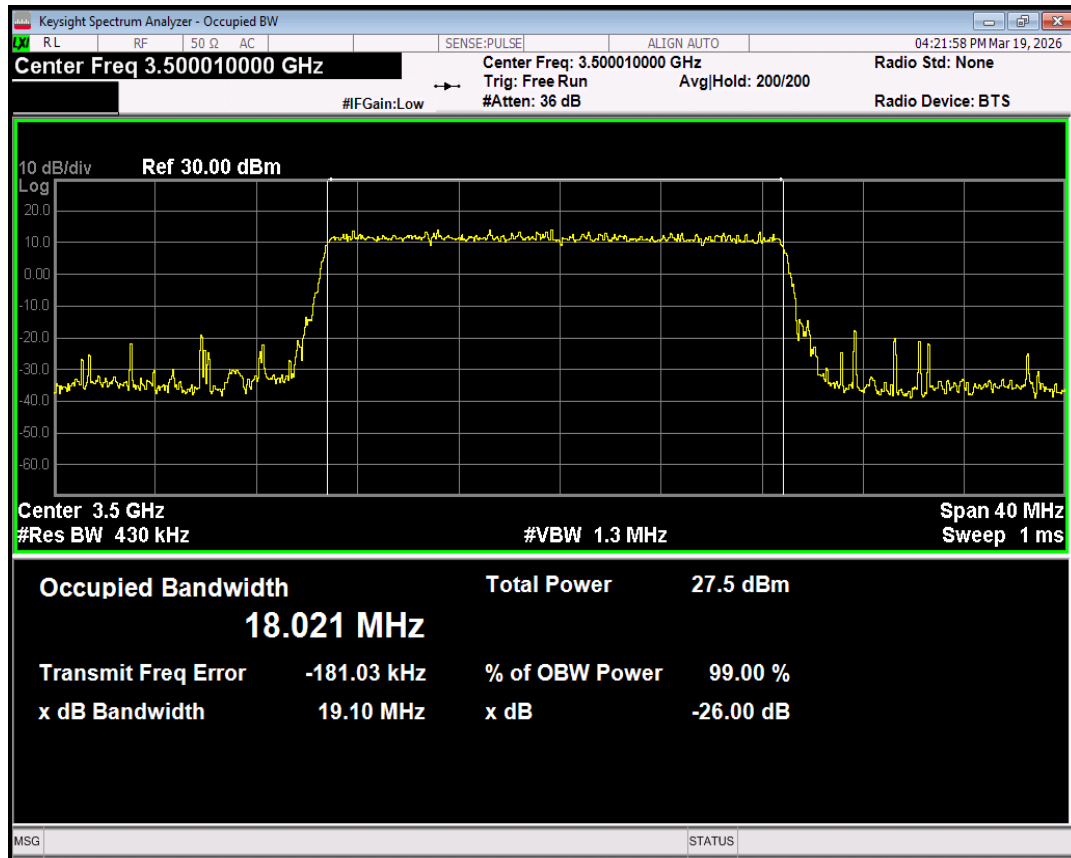
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



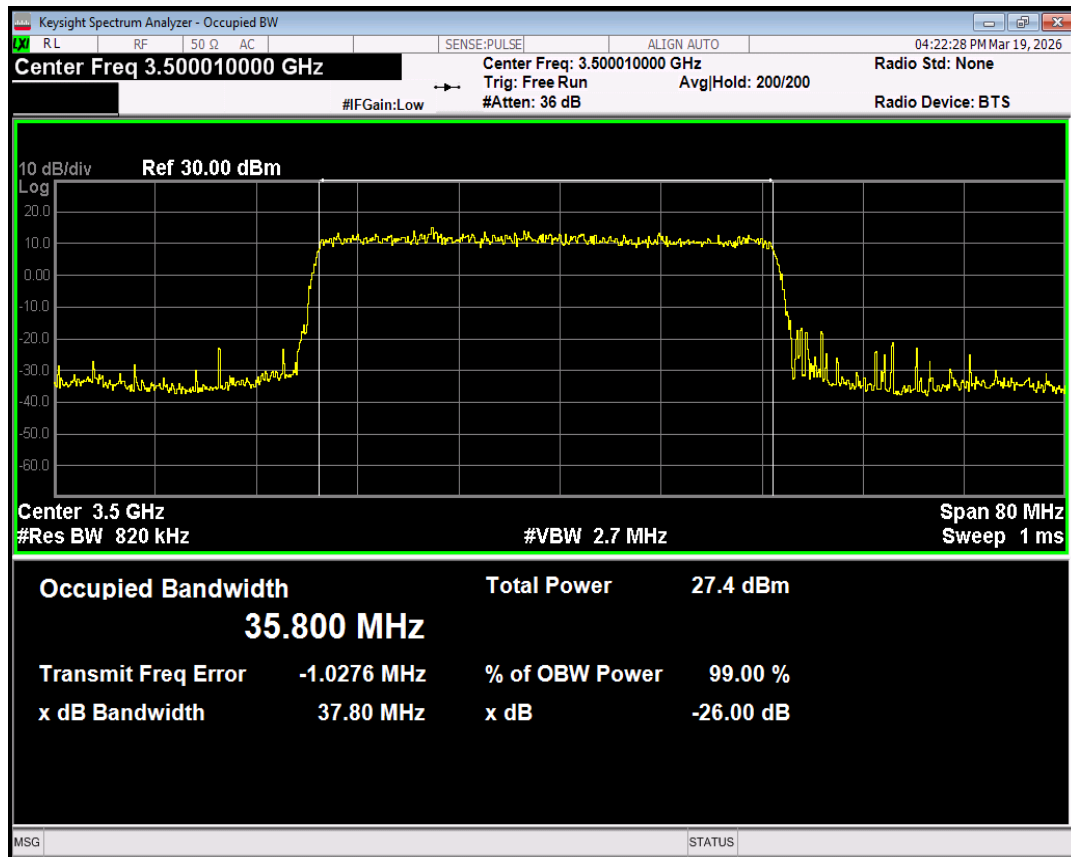
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



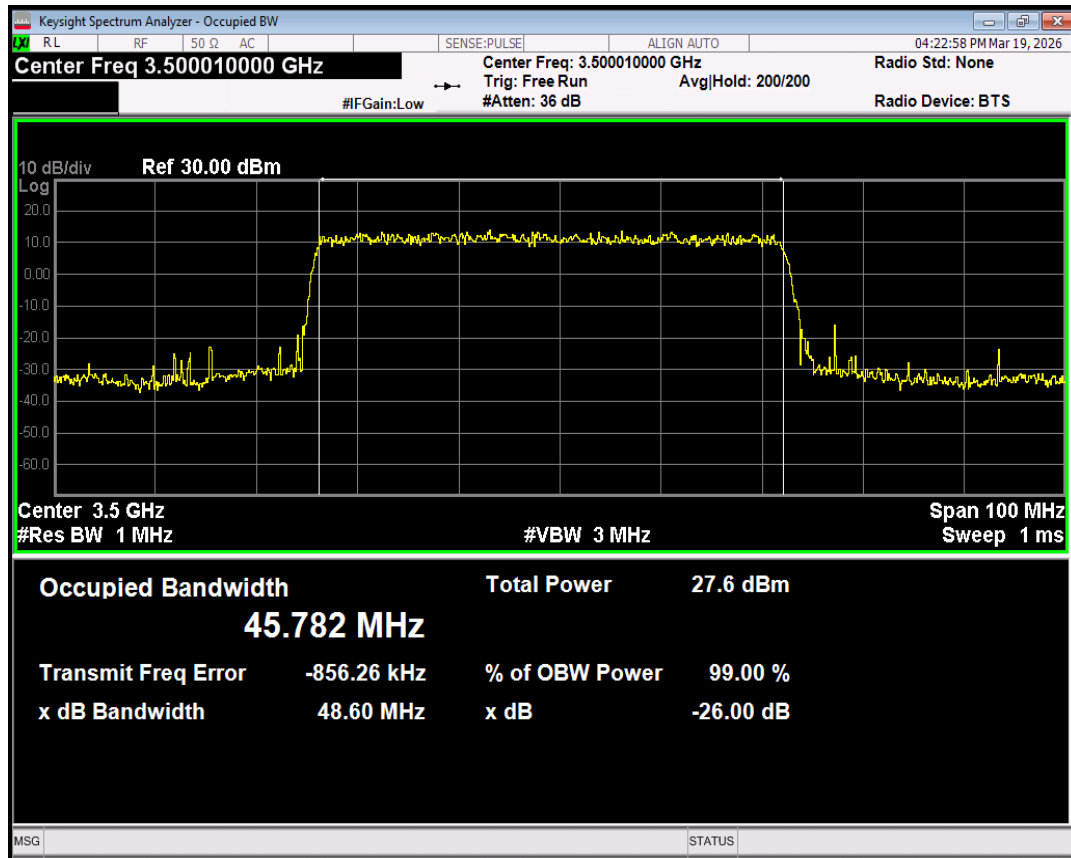
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



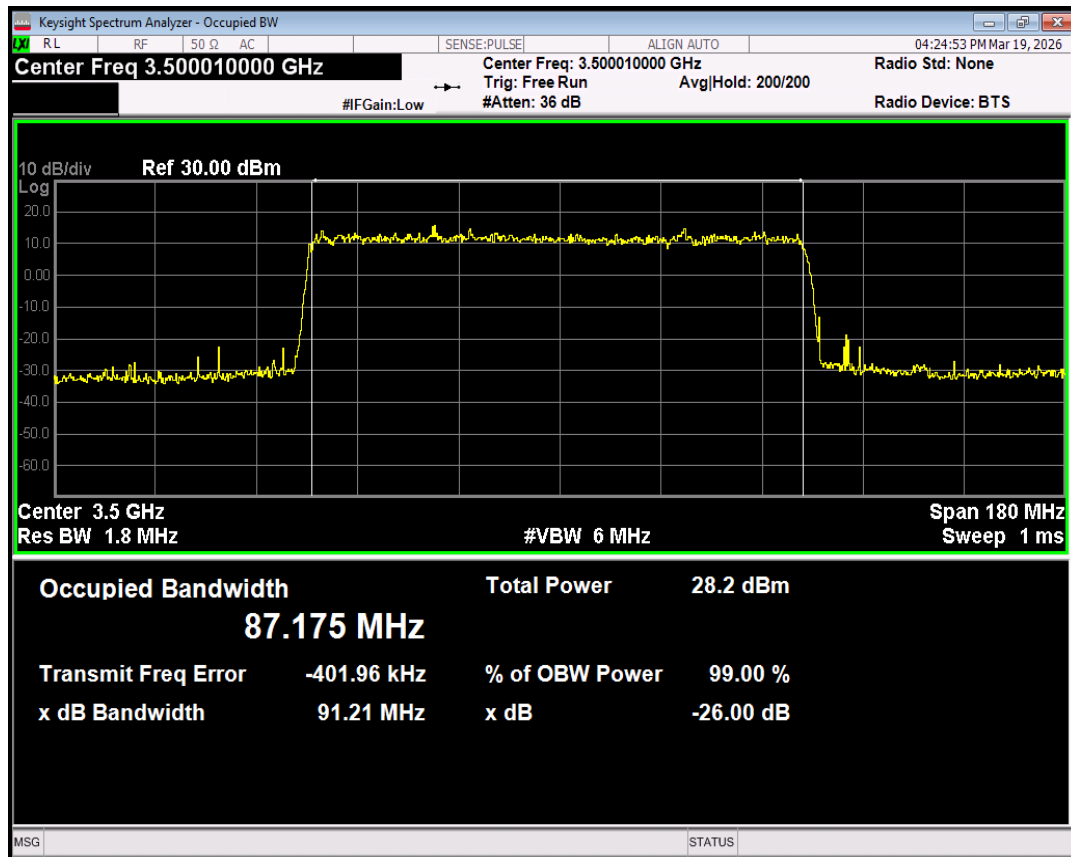
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



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



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



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

5. Conducted Band Edge for NR FR1

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	3448.93	-30.52	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	3446.42	-38.87	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_QPSK	3448.74	-28.93	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	3447.00	-36.45	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_16QAM	3450.00	-33.23	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	3448.06	-39.19	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_64QAM	3449.99	-31.52	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	3448.63	-36.34	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_256QAM	3449.95	-33.01	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	3443.60	-42.99	-13	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	3448.95	-39.02	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_BPSK	3551.29	-31.54	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	3556.02	-39.36	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_QPSK	3551.06	-29.90	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	3551.26	-36.72	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_16QAM	3550.03	-33.78	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	3551.44	-38.79	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_64QAM	3551.41	-33.18	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	3551.04	-39.44	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_256QAM	3551.48	-34.34	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	3552.11	-43.11	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	3555.25	-41.18	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_BPSK	3449.95	-26.46	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	3444.09	-39.83	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_QPSK	3450.00	-27.35	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	3448.86	-34.55	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_16QAM	3449.91	-30.07	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	3448.60	-38.87	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_64QAM	3450.00	-25.84	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	3448.29	-40.33	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_256QAM	3449.96	-30.90	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	3449.99	-42.69	-13	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	3444.54	-40.09	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_BPSK	3550.01	-27.27	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	3555.61	-39.88	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_QPSK	3550.01	-27.05	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	3551.48	-37.58	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_16QAM	3550.03	-30.62	-13	PASS

n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	3552.32	-40.14	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_64QAM	3550.06	-29.39	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	3551.04	-40.51	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_256QAM	3550.01	-31.64	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	3551.20	-43.43	-13	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	3551.52	-39.51	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_BPSK	3449.98	-25.59	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	3449.78	-38.35	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	3449.87	-25.22	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	3450.00	-37.85	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_16QAM	3450.00	-27.15	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	3448.26	-39.43	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_64QAM	3449.99	-27.81	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	3447.84	-40.65	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_256QAM	3449.98	-29.00	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	3443.86	-42.79	-13	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	3448.97	-37.37	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_BPSK	3550.02	-28.63	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	3551.53	-38.43	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	3550.06	-25.19	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	3551.46	-39.06	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_16QAM	3550.04	-27.46	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	3551.10	-40.42	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_64QAM	3550.01	-27.54	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	3559.40	-40.01	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_256QAM	3550.03	-30.07	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	3551.74	-41.45	-13	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	3555.02	-39.54	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_BPSK	3449.94	-27.25	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	3449.93	-40.81	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_QPSK	3450.00	-27.64	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	3448.91	-41.29	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_16QAM	3450.00	-27.48	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	3448.92	-40.24	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_64QAM	3449.85	-29.22	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	3447.02	-41.47	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_256QAM	3449.94	-31.82	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	3448.68	-42.63	-13	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	3448.55	-41.95	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_BPSK	3550.09	-30.10	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	3556.29	-42.85	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_QPSK	3550.05	-28.98	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	3551.78	-42.07	-13	PASS

n78(3450-3550)	30	40	635332	1@105	DFT_16QAM	3550.01	-31.13	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	3551.30	-43.05	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_64QAM	3550.02	-30.92	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	3561.75	-43.39	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_256QAM	3550.02	-32.56	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	3559.87	-43.98	-13	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	3551.29	-40.90	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_BPSK	3450.00	-27.28	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	3448.70	-40.22	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_QPSK	3449.97	-25.92	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	3448.80	-42.29	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_16QAM	3449.98	-26.34	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	3449.98	-42.06	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_64QAM	3449.96	-28.36	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	3444.69	-42.09	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_256QAM	3449.99	-29.63	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	3448.74	-43.69	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	3448.53	-42.43	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_BPSK	3550.02	-28.11	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	3551.70	-42.42	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_QPSK	3550.02	-27.40	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	3555.90	-42.59	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_16QAM	3550.01	-28.18	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	3551.56	-40.94	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_64QAM	3550.16	-28.72	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	3555.27	-43.81	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_256QAM	3550.00	-29.65	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	3598.47	-44.17	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	3551.24	-41.47	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_BPSK	3449.98	-25.60	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	3448.75	-40.40	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_QPSK	3449.93	-25.10	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	3450.00	-43.27	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_16QAM	3449.96	-26.50	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	3446.37	-43.87	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_64QAM	3449.95	-27.27	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	3444.45	-43.83	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_256QAM	3449.98	-29.01	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	3447.46	-43.28	-13	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	3448.76	-43.14	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_BPSK	3550.02	-28.70	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	3552.41	-42.82	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_QPSK	3550.02	-26.32	-13	PASS

n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	3551.20	-42.59	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_16QAM	3550.07	-27.05	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	3550.07	-44.55	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_64QAM	3550.07	-27.78	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	3550.01	-45.19	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_256QAM	3550.04	-30.75	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	3551.31	-44.12	-13	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	3556.38	-44.75	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_BPSK	3449.95	-25.55	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	3449.94	-41.59	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_QPSK	3449.98	-24.84	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	3447.85	-41.05	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_16QAM	3449.94	-26.38	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	3447.12	-42.61	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_64QAM	3449.91	-27.05	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	3440.00	-43.82	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_256QAM	3449.97	-28.53	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	3448.44	-43.90	-13	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	3447.40	-42.97	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_BPSK	3550.02	-28.18	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	3551.42	-43.60	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_QPSK	3550.01	-29.12	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	3562.54	-43.83	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_16QAM	3550.03	-27.87	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	3562.35	-44.58	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_64QAM	3550.00	-27.50	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	3559.81	-44.83	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_256QAM	3550.01	-29.29	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	3560.14	-45.52	-13	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	3553.96	-44.04	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_BPSK	3449.90	-23.76	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	3448.94	-40.10	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_QPSK	3449.99	-26.36	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	3432.63	-42.89	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_16QAM	3449.99	-30.54	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	3433.52	-42.98	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_64QAM	3449.88	-29.23	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	3431.13	-43.33	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_256QAM	3449.98	-30.75	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	3439.52	-44.48	-13	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	3447.66	-42.13	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_BPSK	3550.10	-29.43	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	3566.93	-42.50	-13	PASS