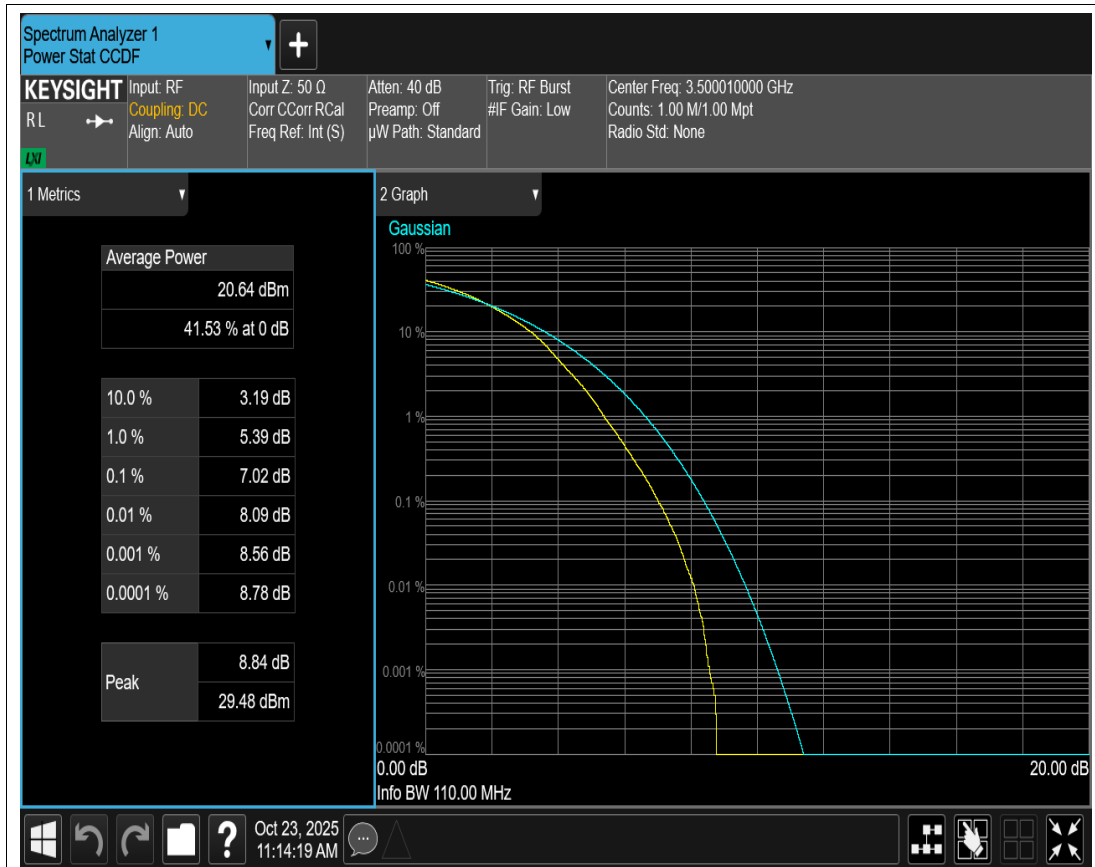




n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz Channel=633334 RB=162@0



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



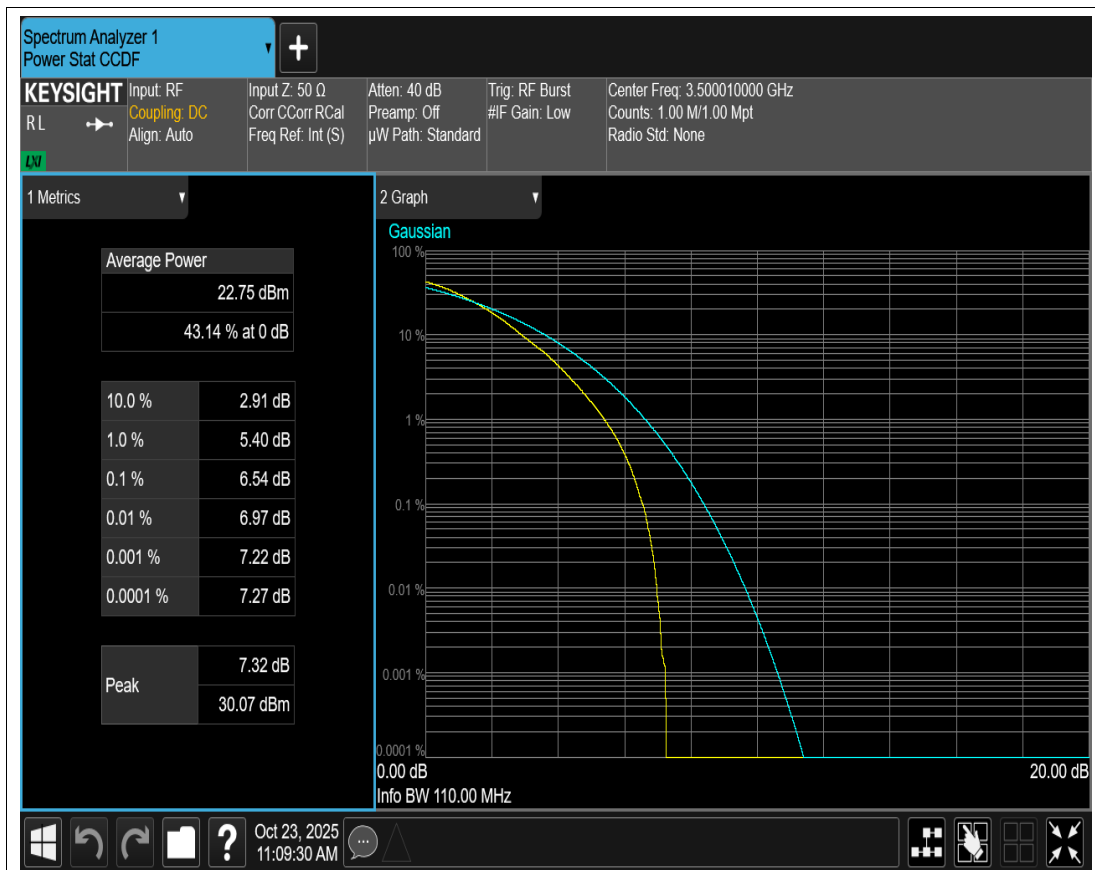
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz Channel=633334 RB=243@0



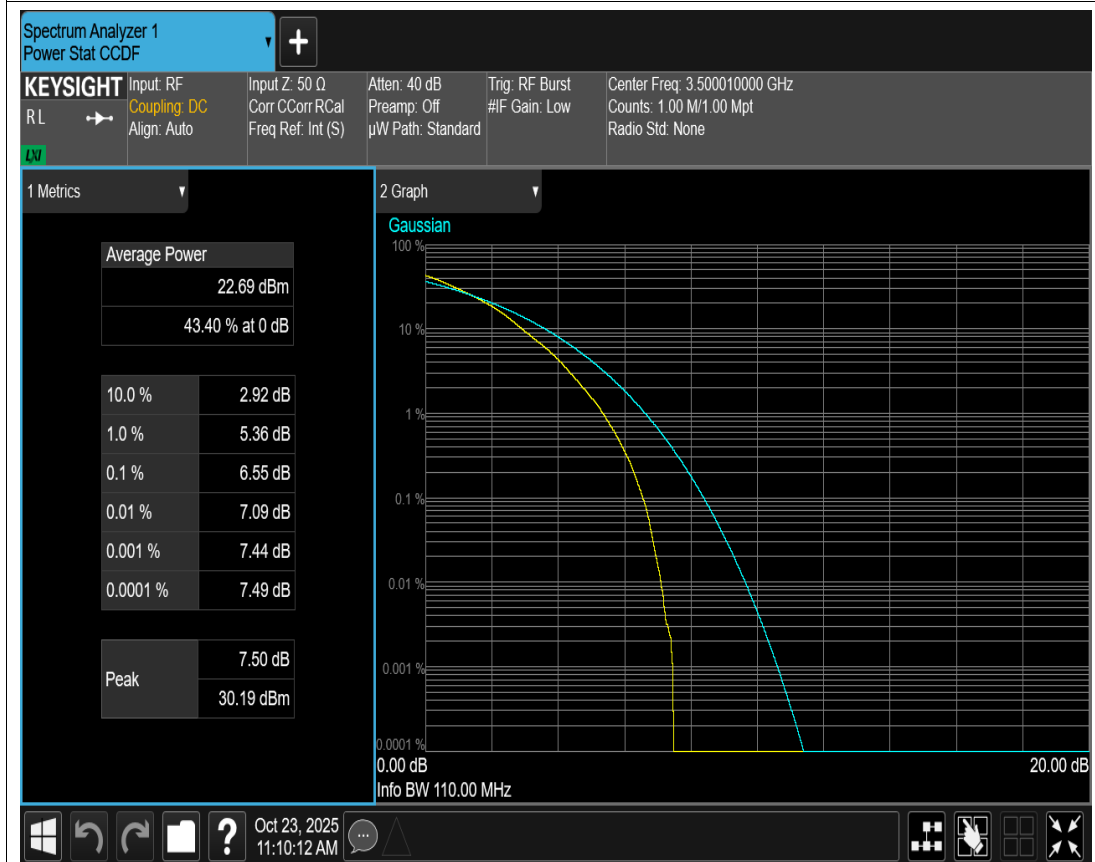
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz Channel=633334 RB=270@0



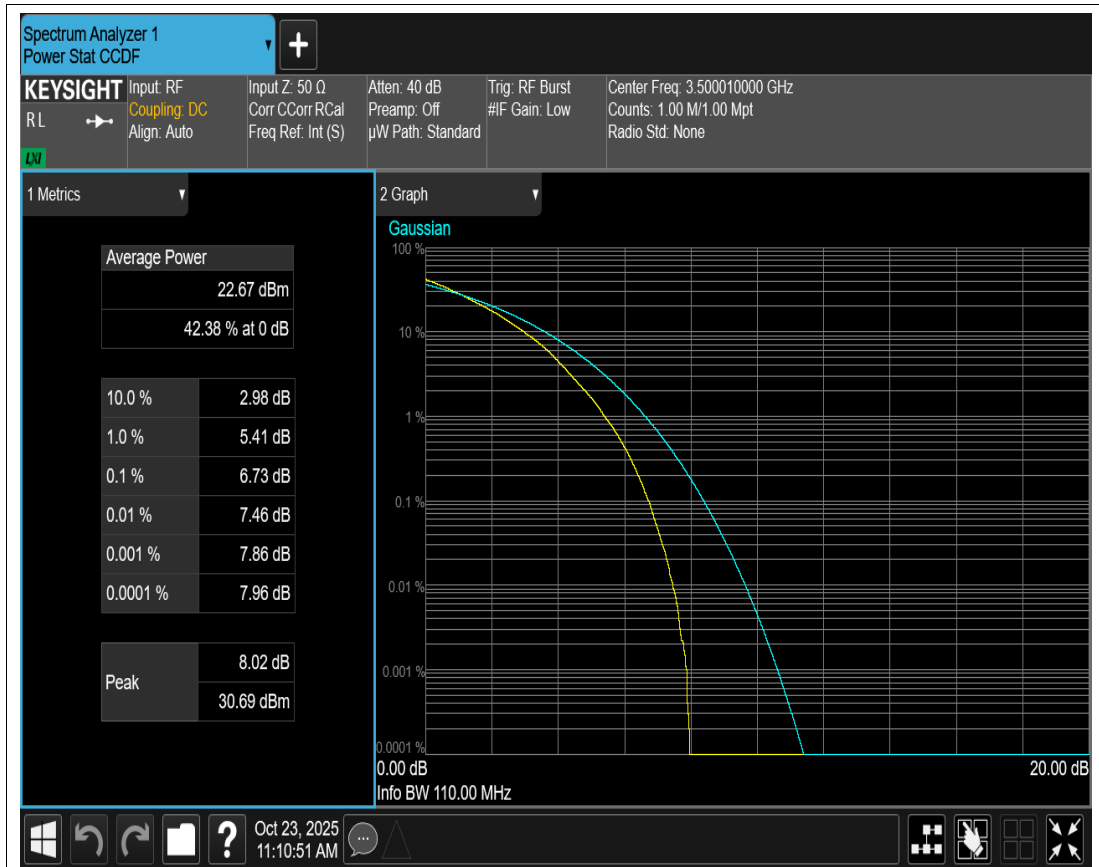
n78(3450-3550) SCS=30kHz DFT_64QAM BW=10MHz Channel=633334 RB=24@0



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



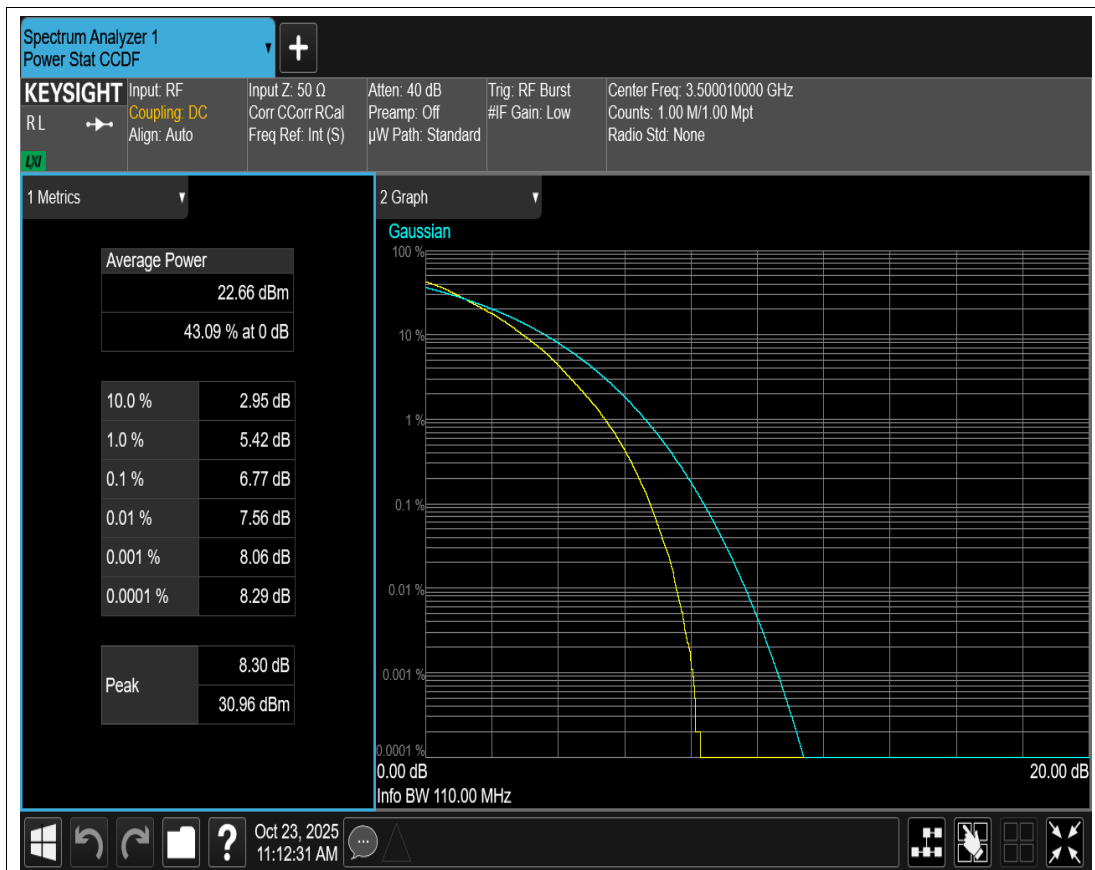
n78(3450-3550) SCS=30kHz DFT_64QAM BW=20MHz Channel=633334 RB=50@0



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



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



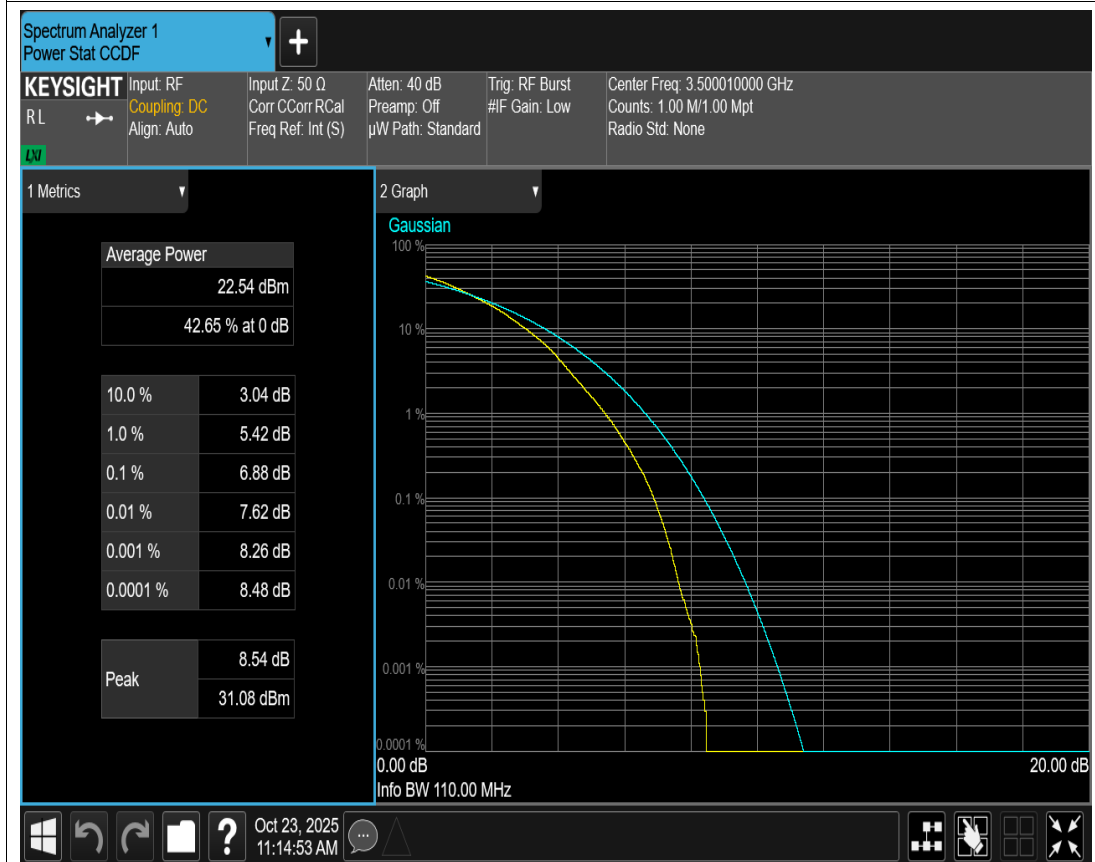
n78(3450-3550) SCS=30kHz DFT_64QAM BW=60MHz Channel=633334 RB=162@0



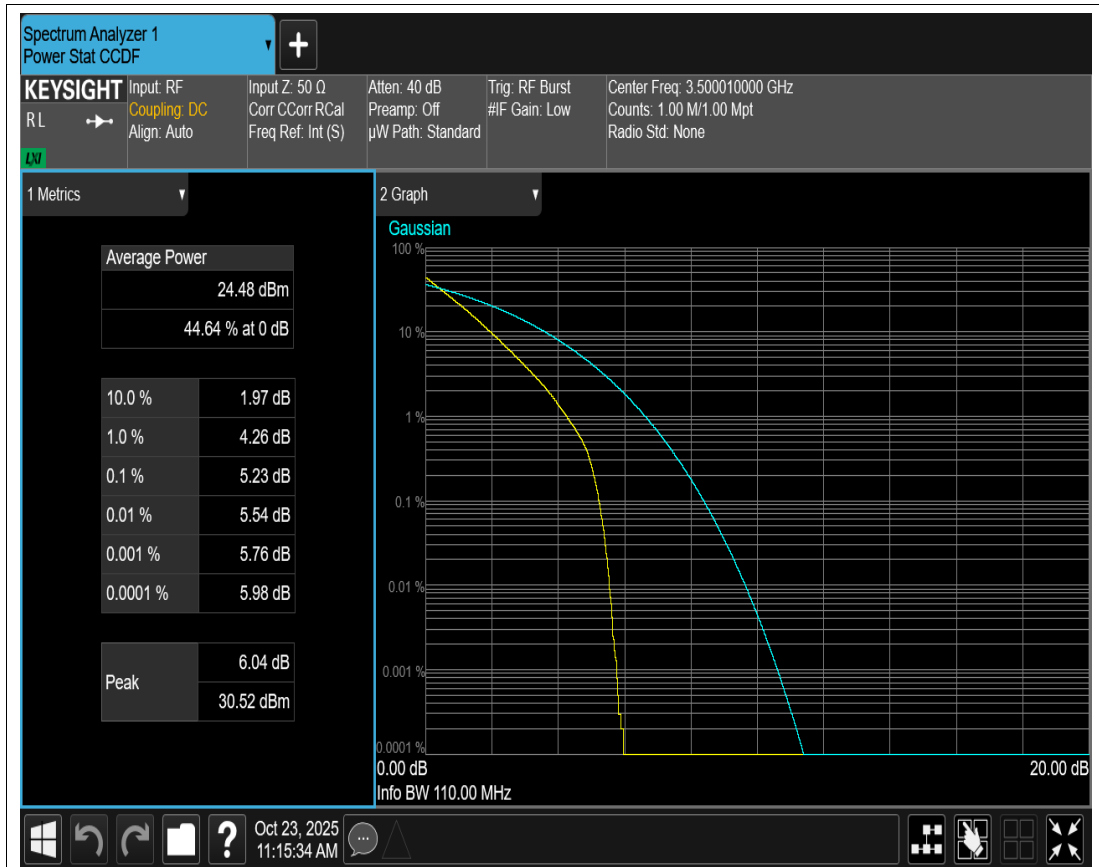
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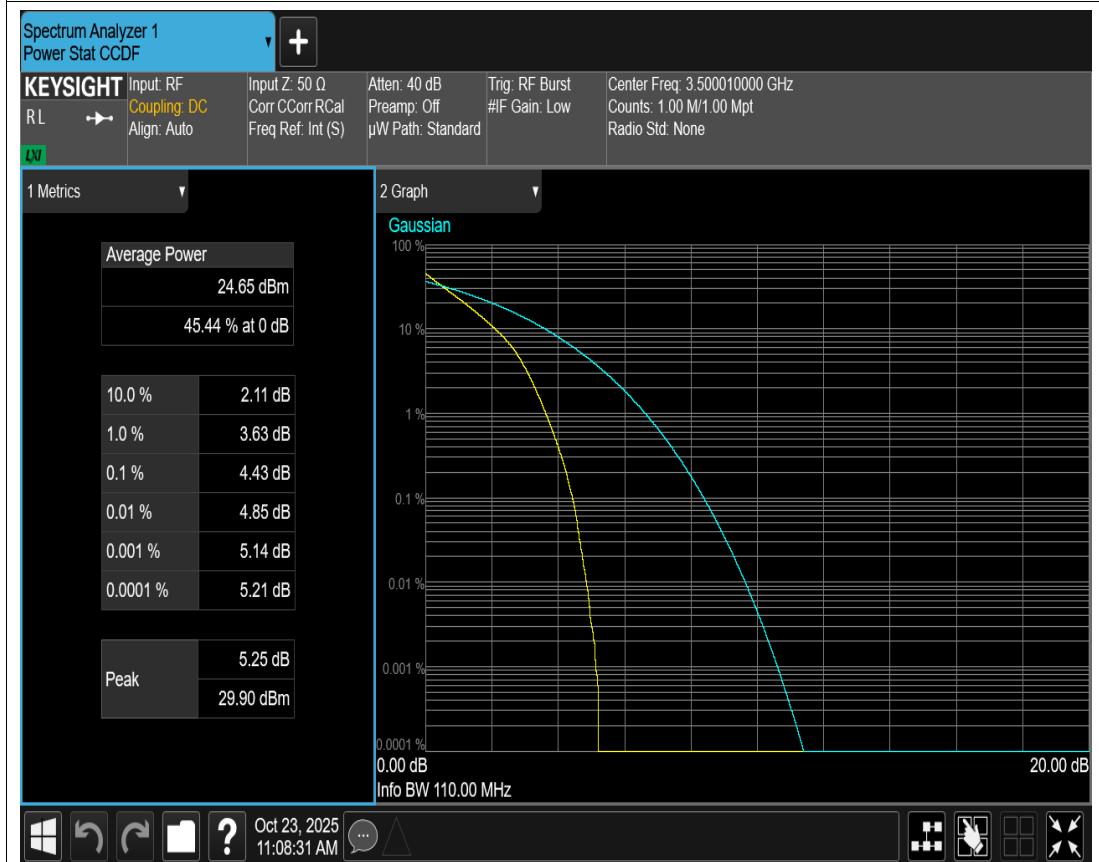
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz Channel=633334 RB=216@0



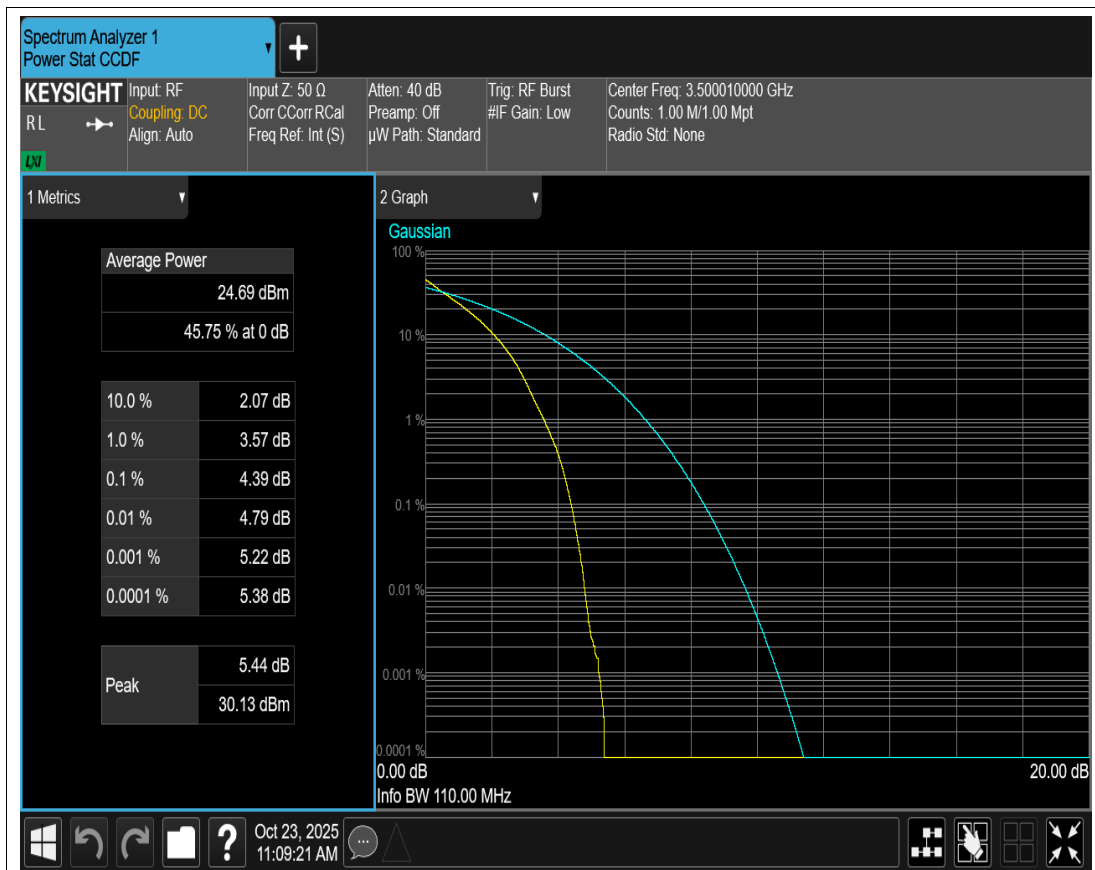
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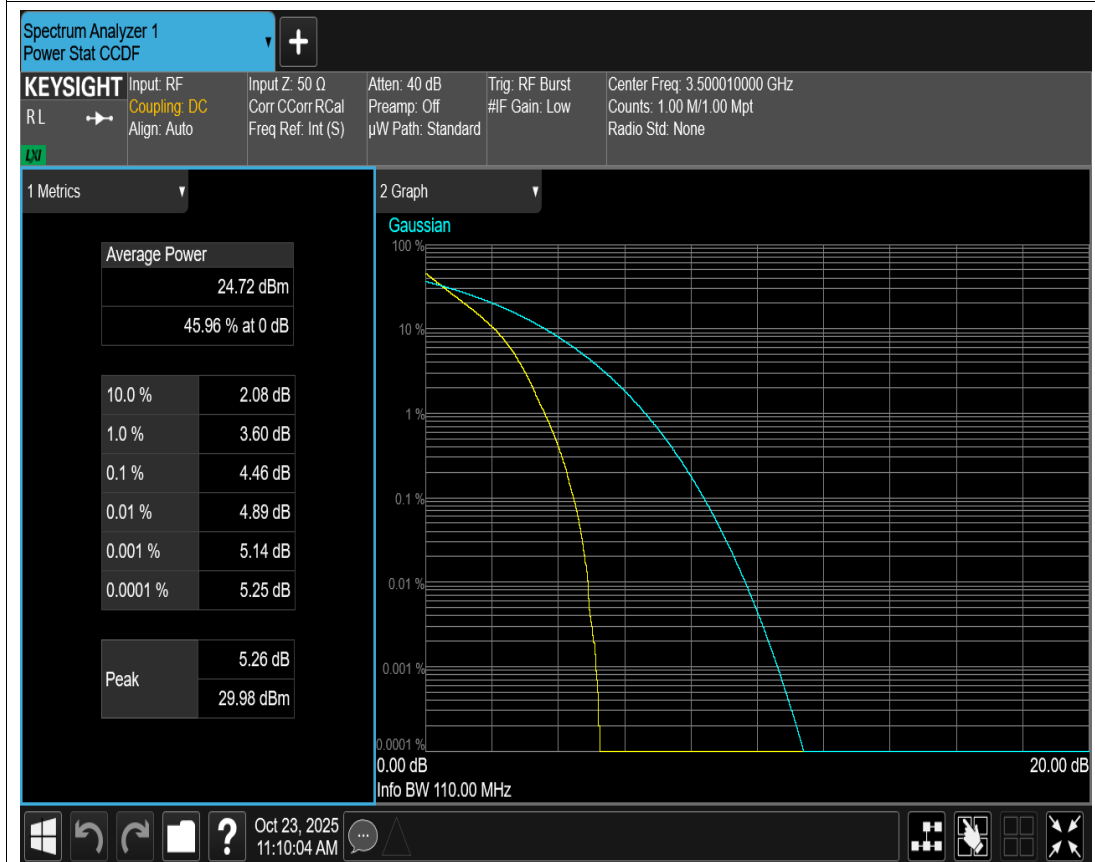
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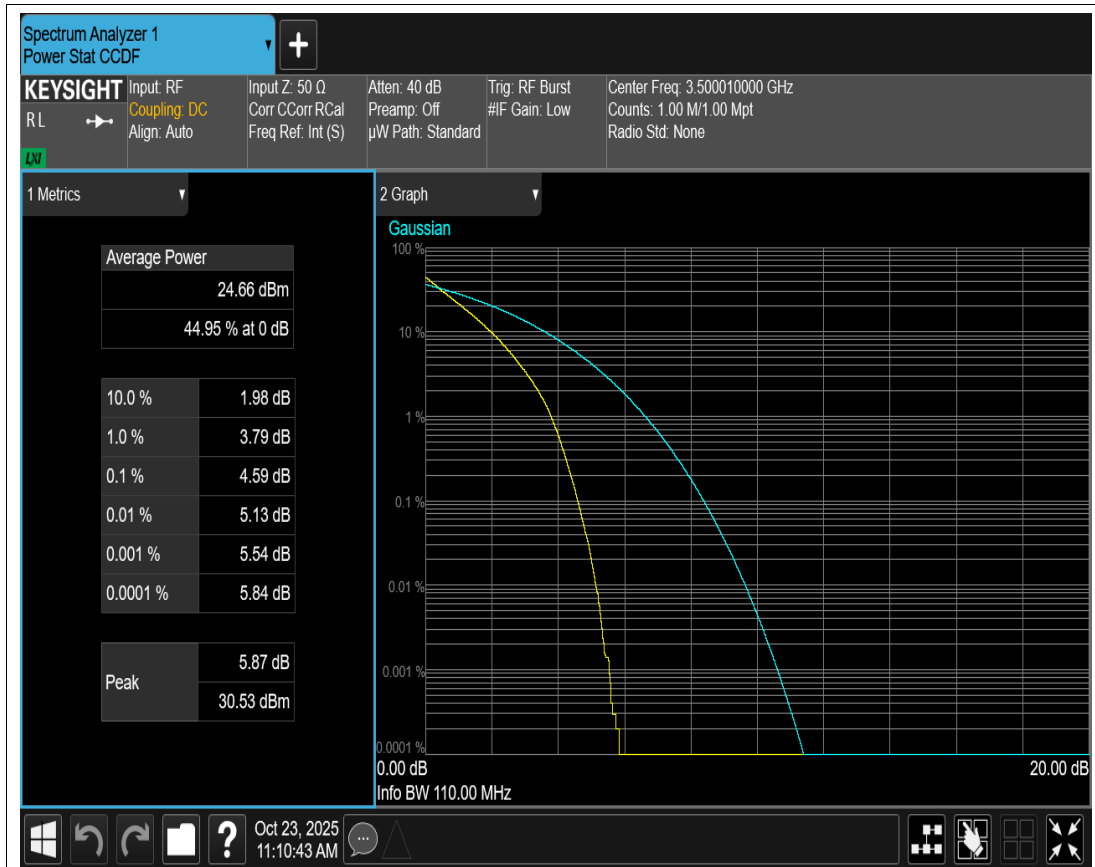
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



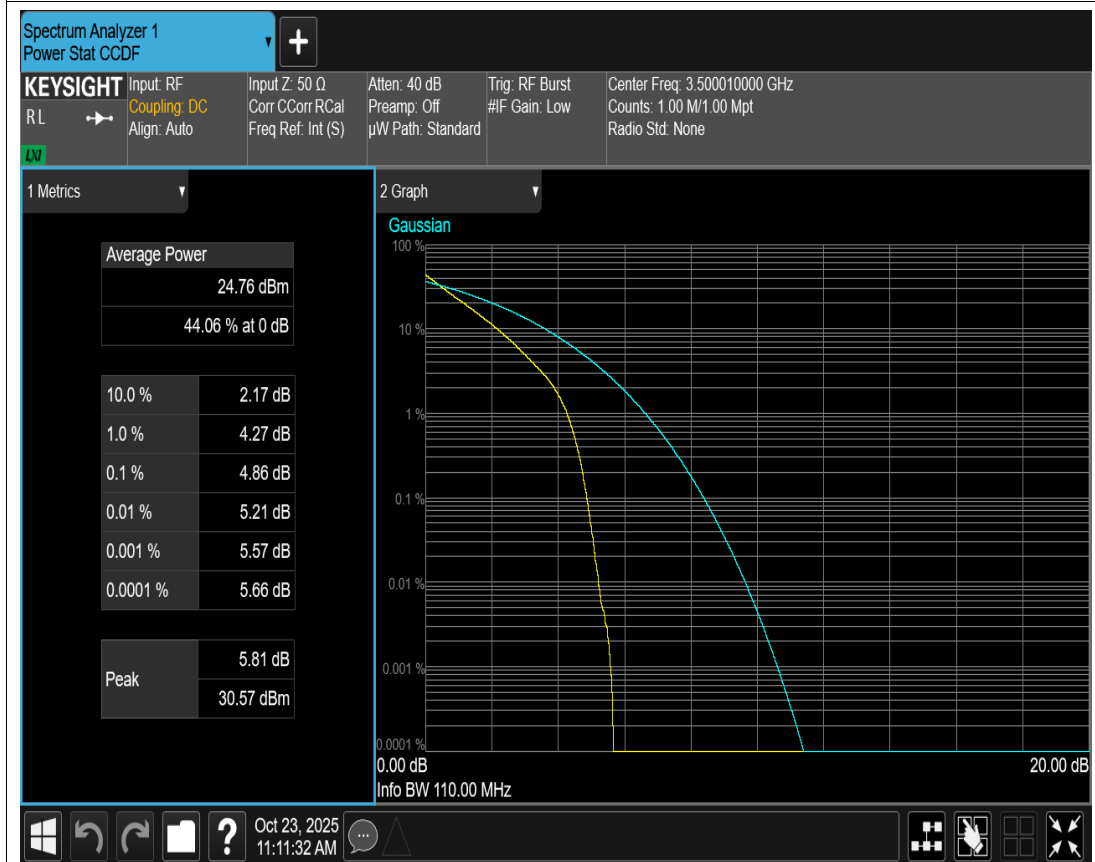
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



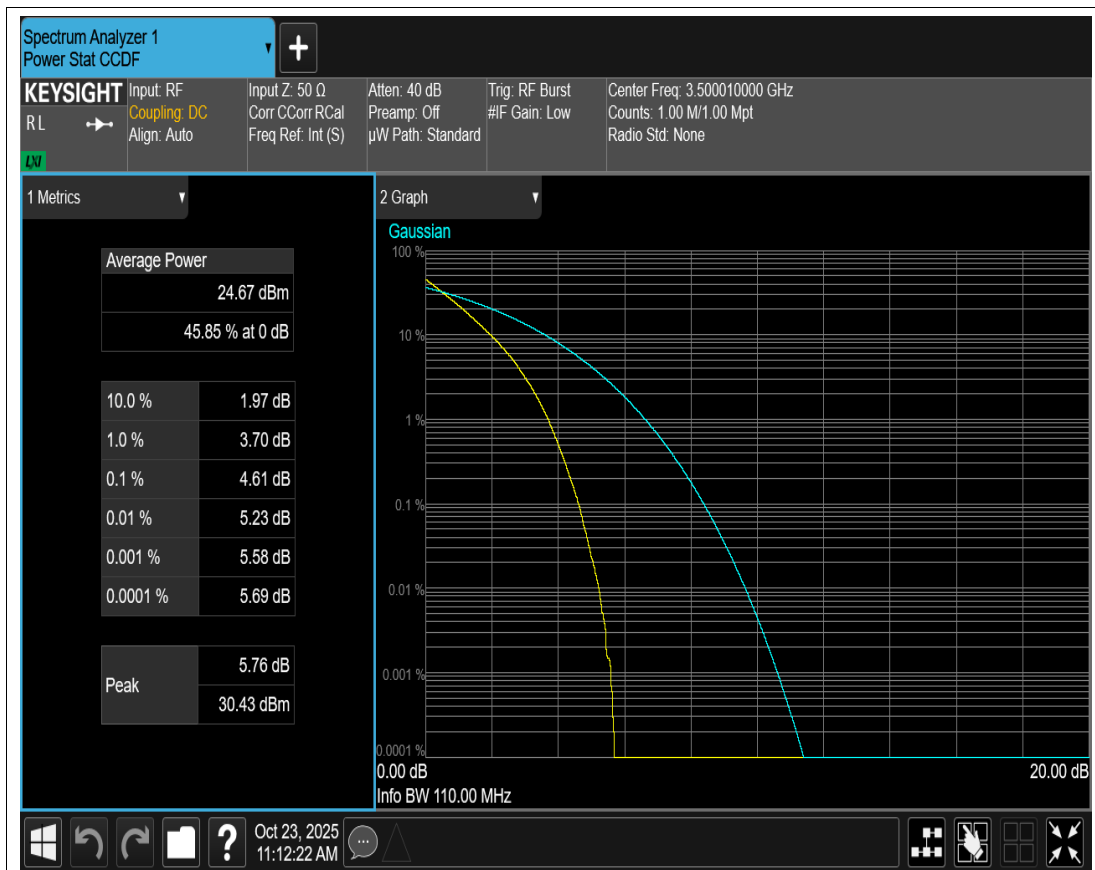
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



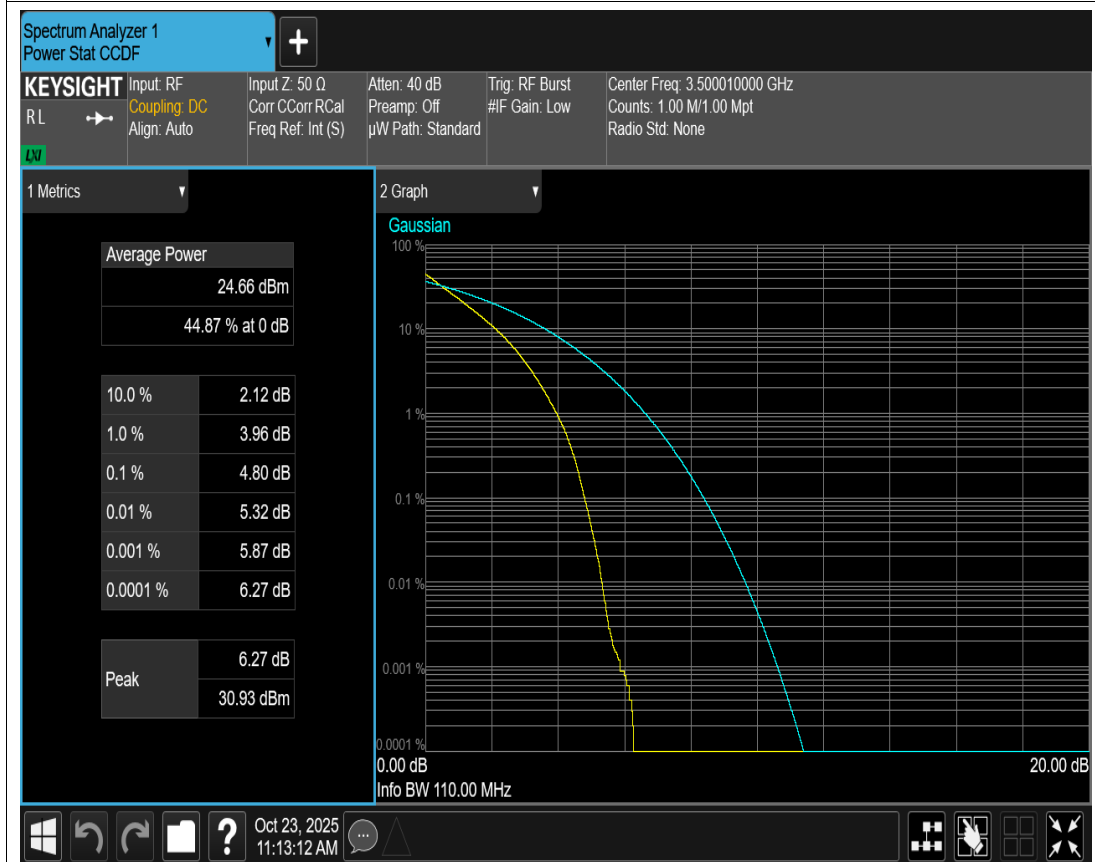
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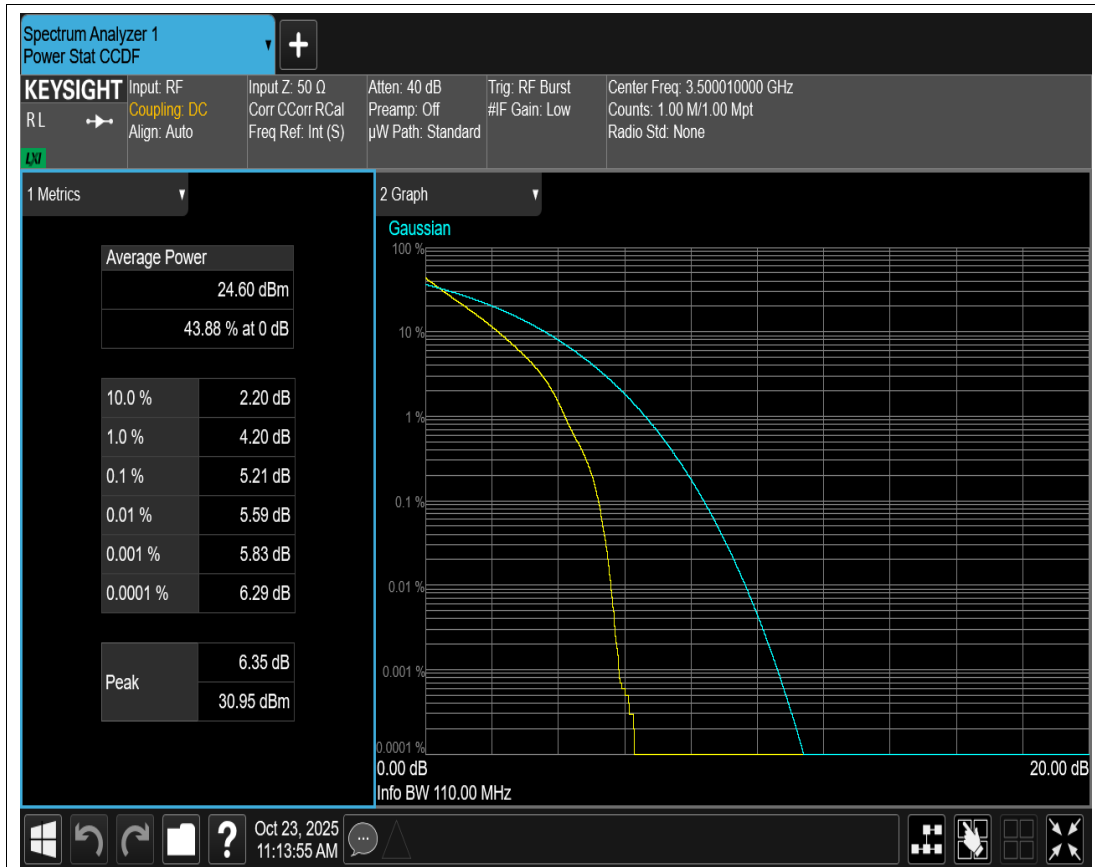
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



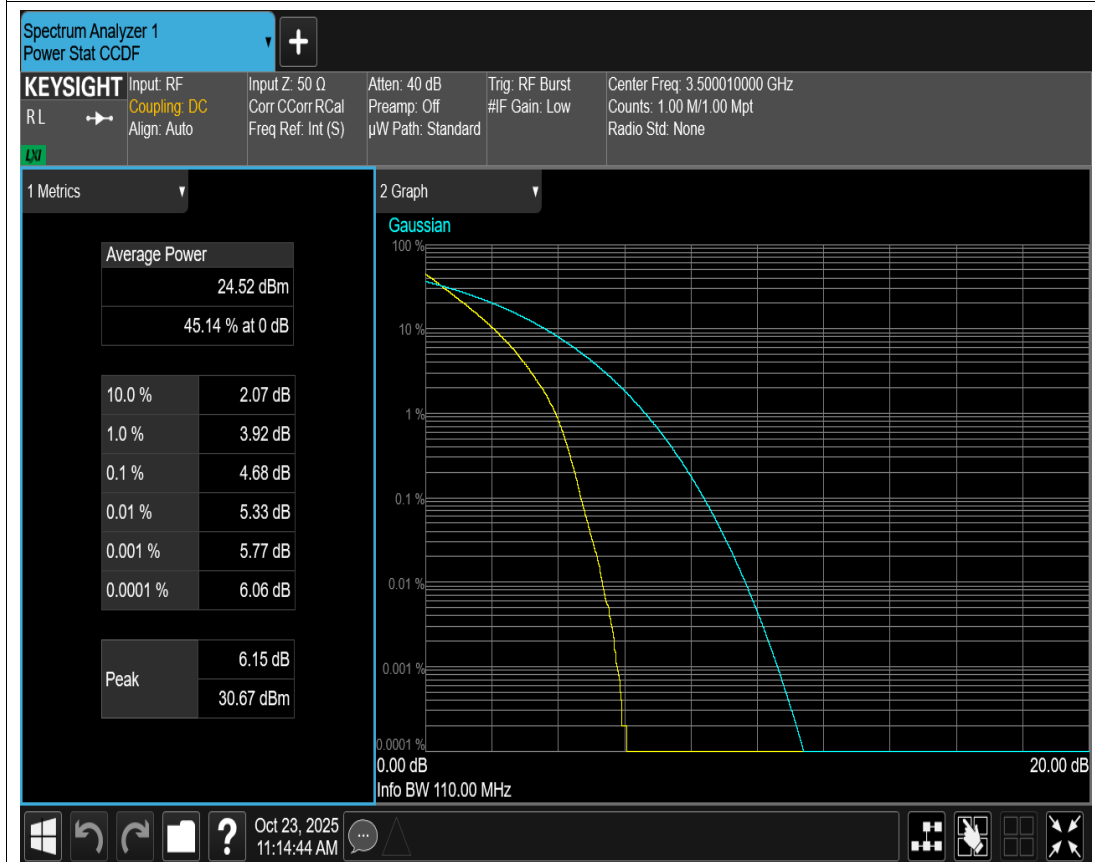
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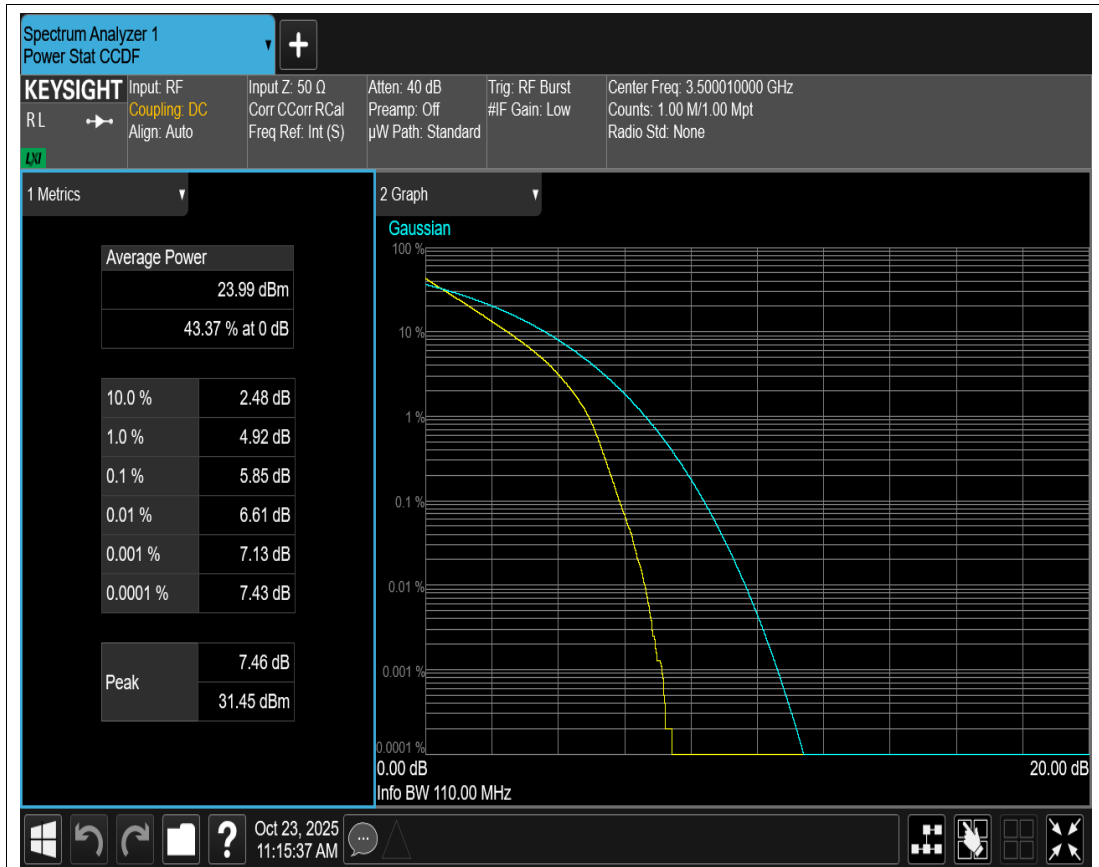
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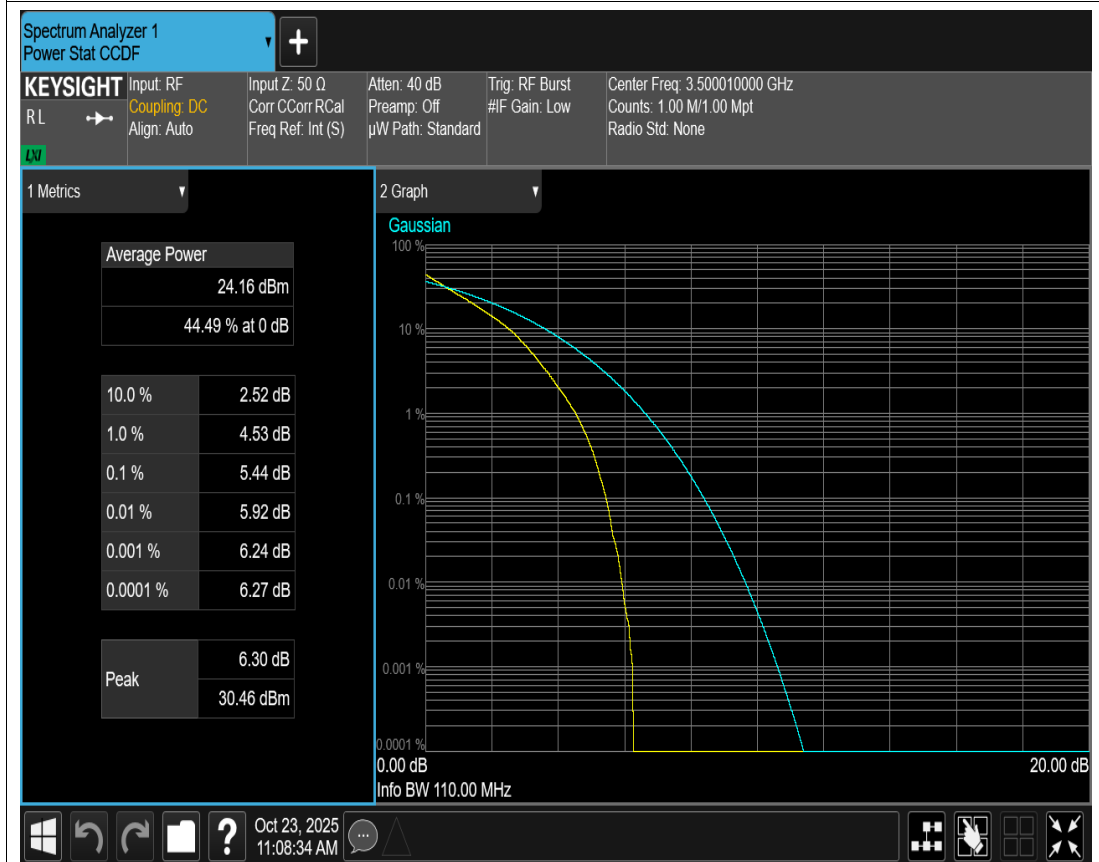
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



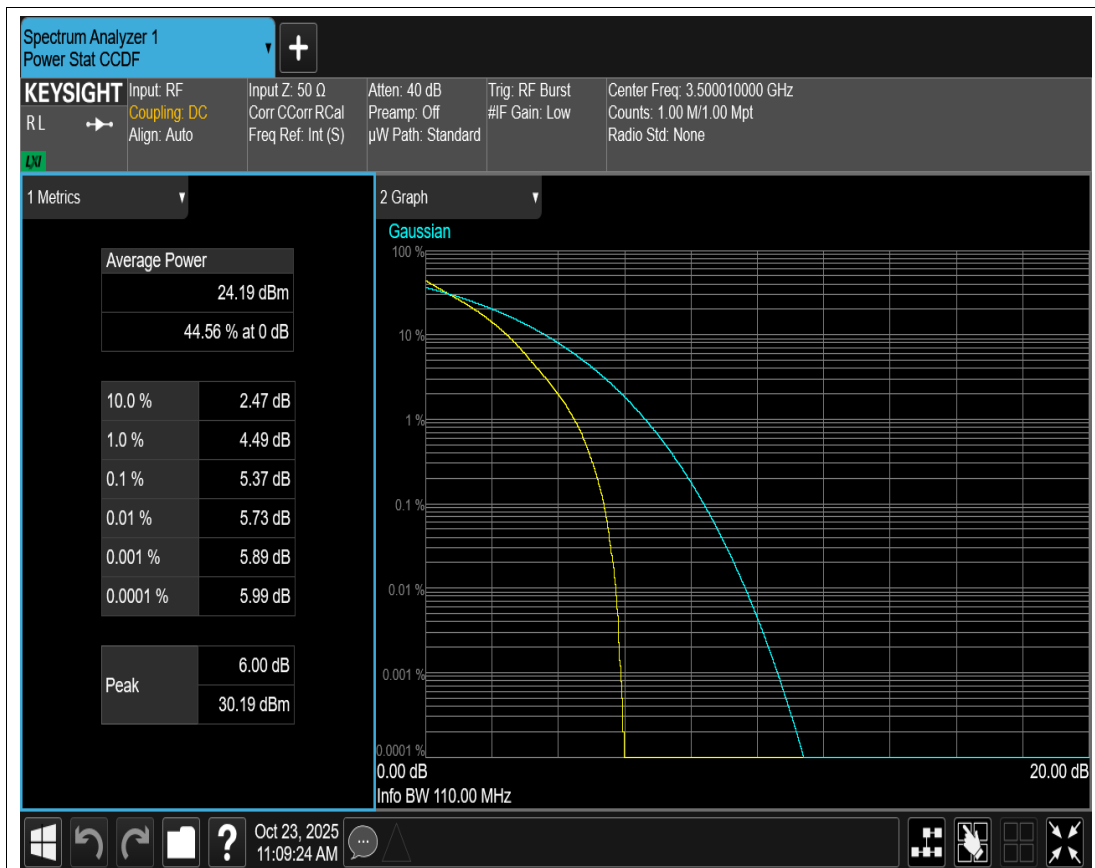
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=243@0



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



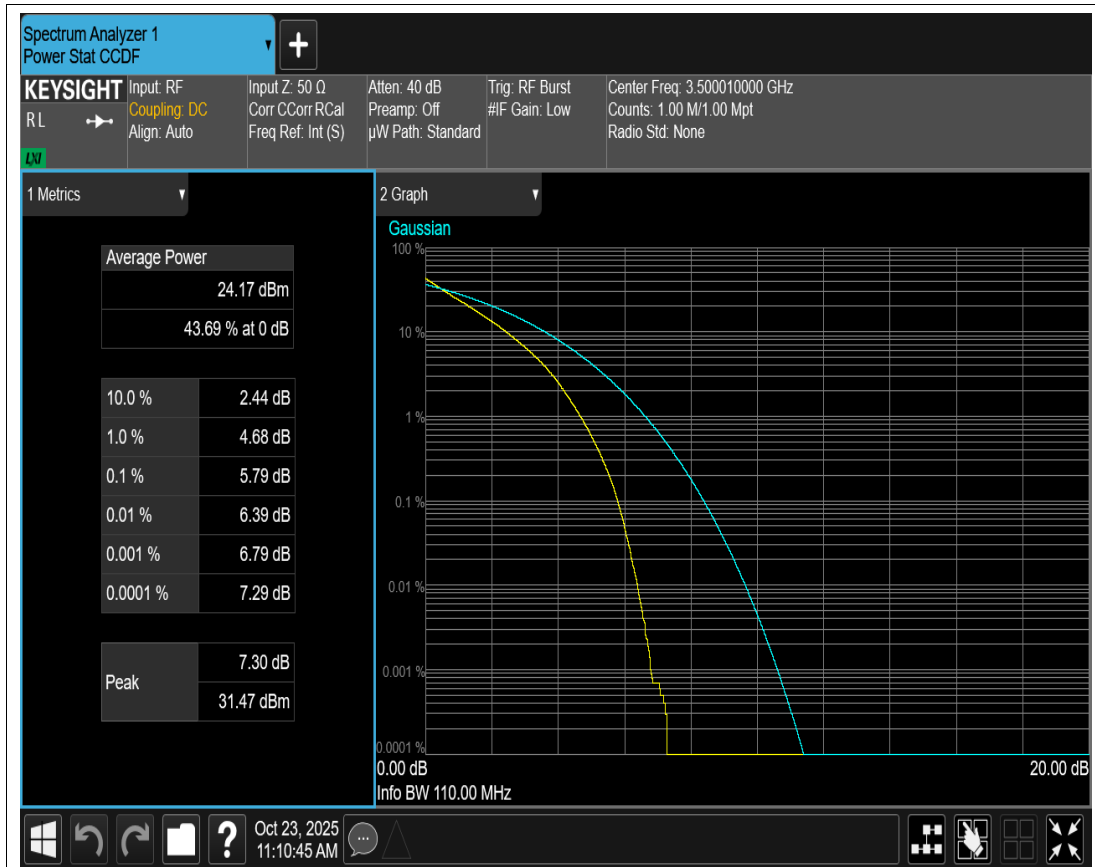
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



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



n78(3450-3550) SCS=30kHz DFT_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=50MHz Channel=633334 RB=128@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=80MHz Channel=633334 RB=216@0

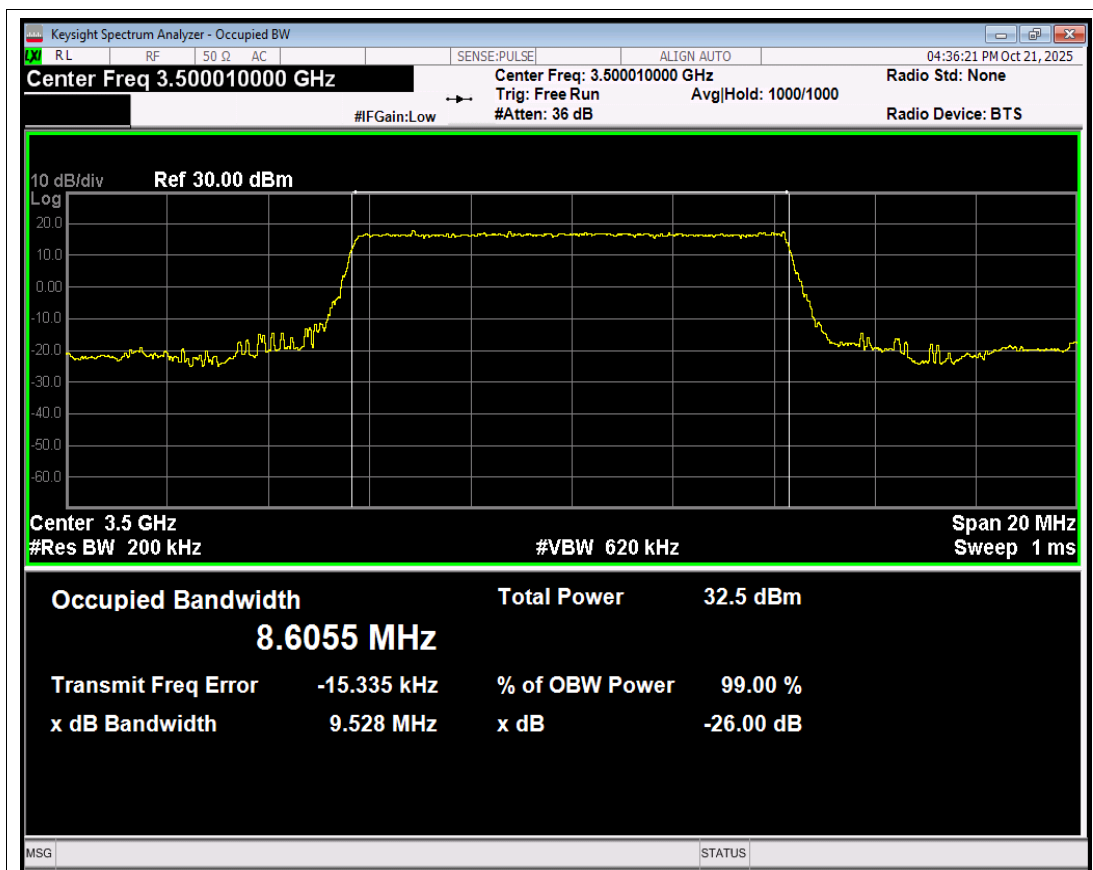


n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=243@0

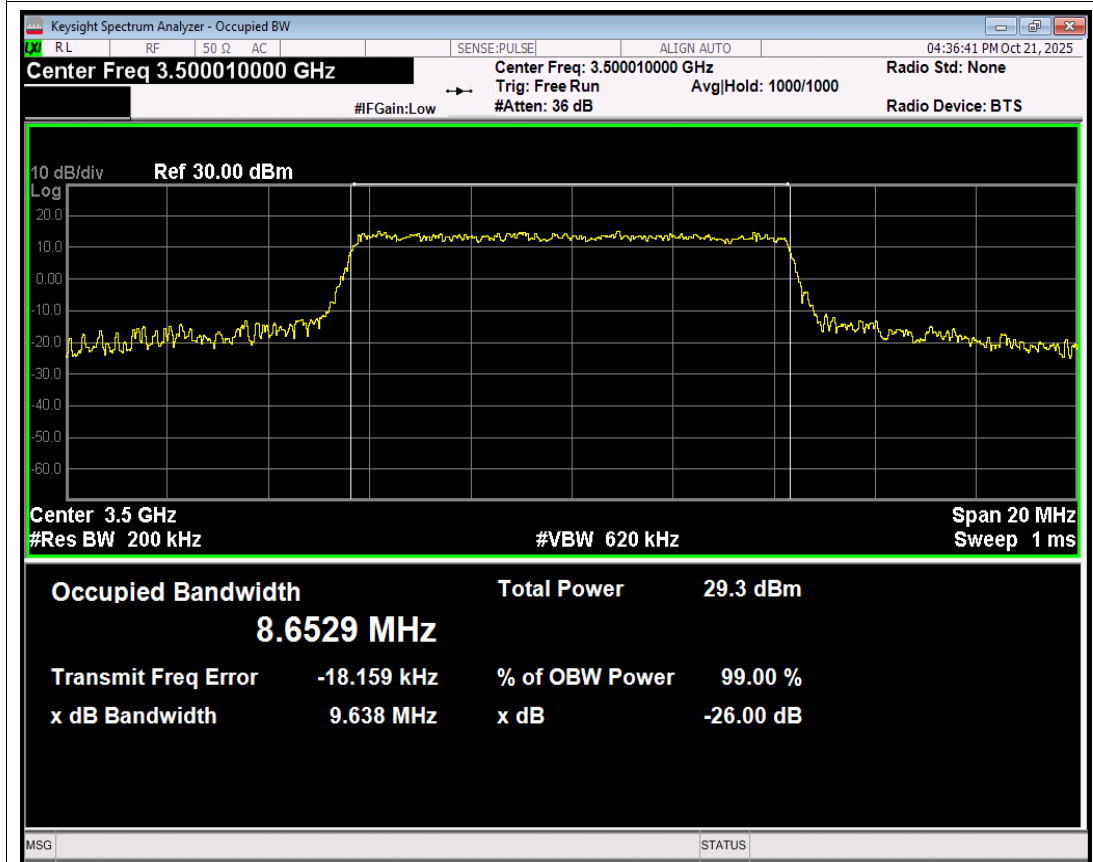
4. Occupied Bandwidth for EN-DC

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	8.605	9.528	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.653	9.638	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.658	10.037	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.657	9.616	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.614	9.563	PASS
n78(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.976	14.217	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.597	14.813	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.663	14.679	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.647	14.856	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.659	14.687	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	17.969	19.324	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.313	19.995	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.294	22.071	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.308	19.853	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.302	19.535	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.888	38.357	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	37.976	40.886	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	37.939	41.219	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	37.988	40.564	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.982	40.312	PASS
n78(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.793	48.456	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.638	50.547	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.661	50.950	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.596	51.348	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.625	50.545	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	57.999	62.106	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.017	62.231	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.022	61.005	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	57.965	61.156	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.086	60.930	PASS
n78(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.487	69.364	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	67.796	71.661	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.702	71.326	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	67.781	71.533	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	67.614	71.472	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.307	81.190	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.621	81.579	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.622	81.922	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.639	82.343	PASS

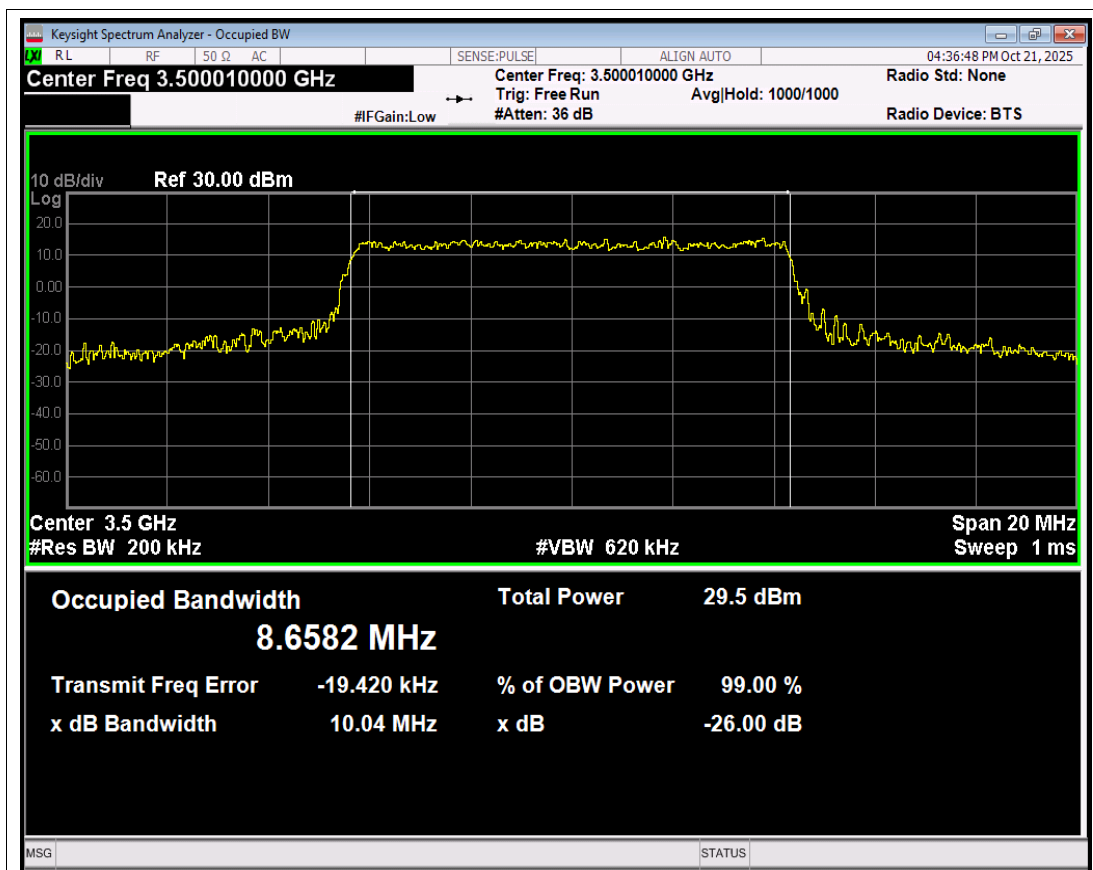
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.638	81.672	PASS
n78(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	86.962	91.603	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.550	92.228	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.638	92.272	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.548	92.313	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.520	92.253	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.384	101.817	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.454	102.590	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.639	102.682	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.734	102.500	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.416	102.681	PASS



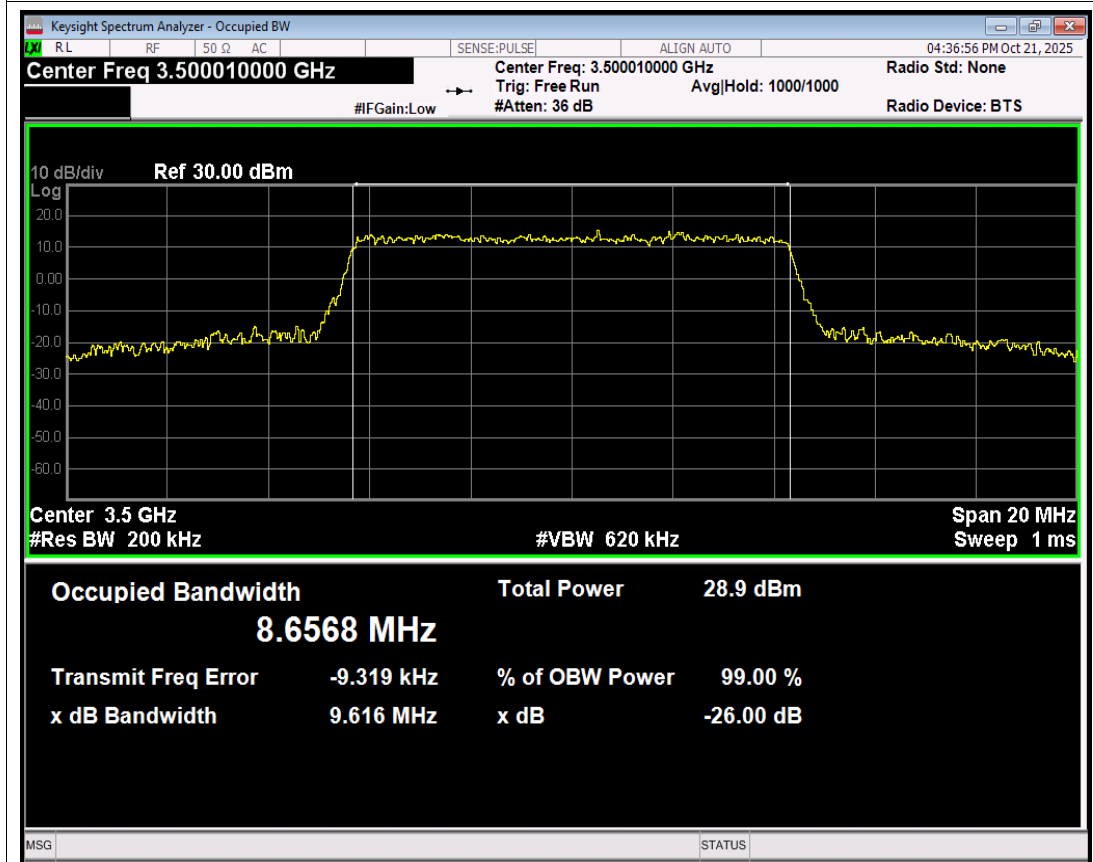
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



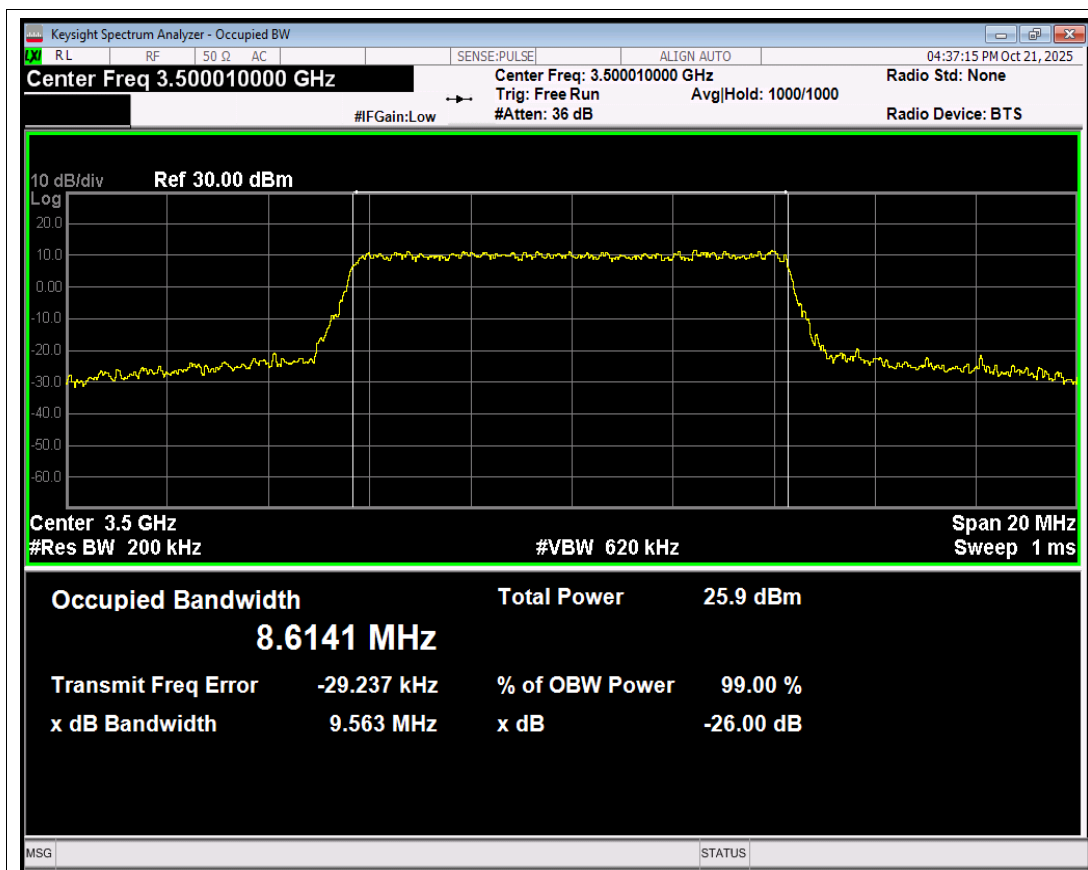
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



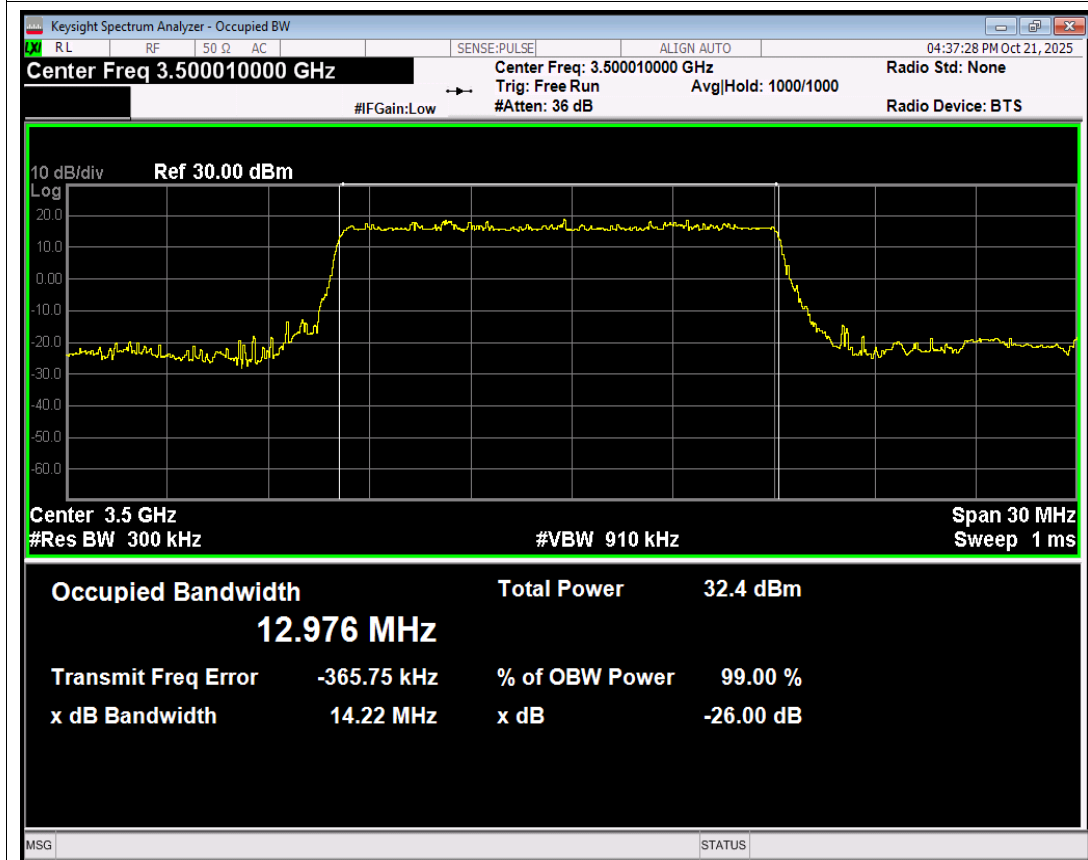
n78(3450-3550) SCS=30kHz CP_16QAM BW=10MHz Channel=633334 RB=24@0



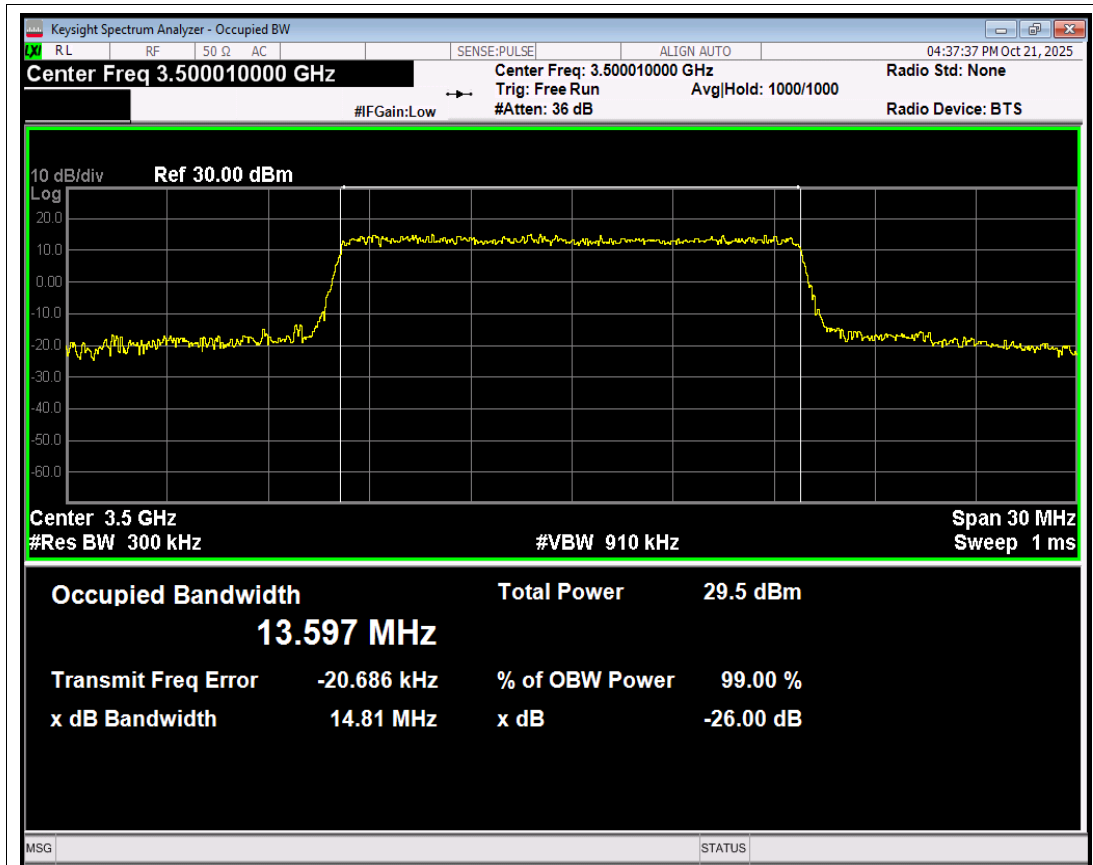
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz Channel=633334 RB=24@0



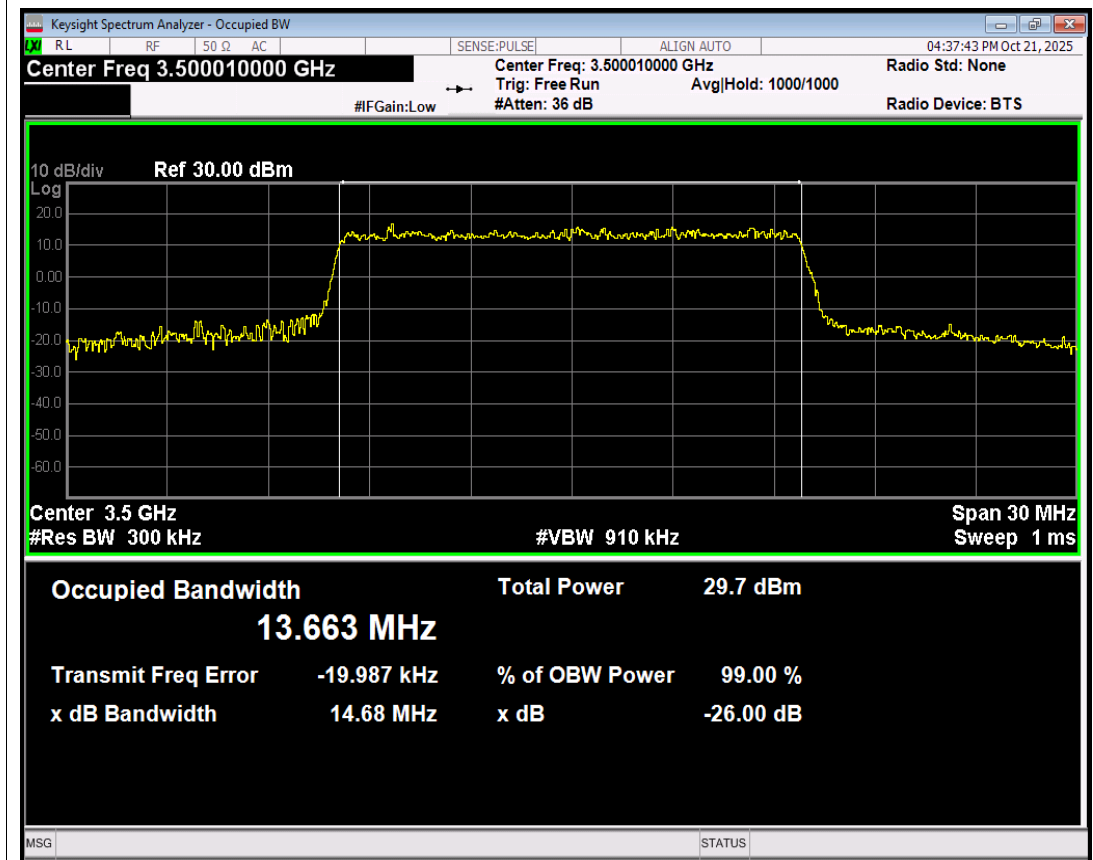
n78(3450-3550) SCS=30kHz CP_256QAM BW=10MHz Channel=633334 RB=24@0



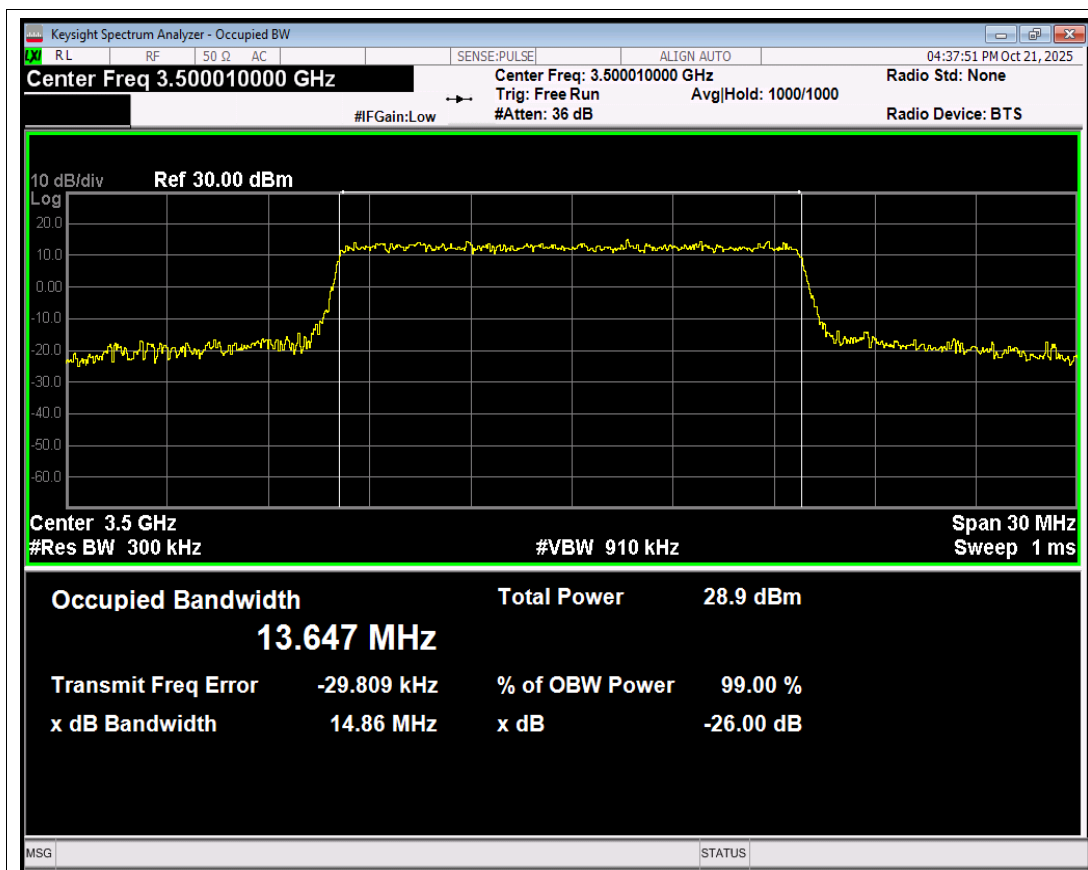
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



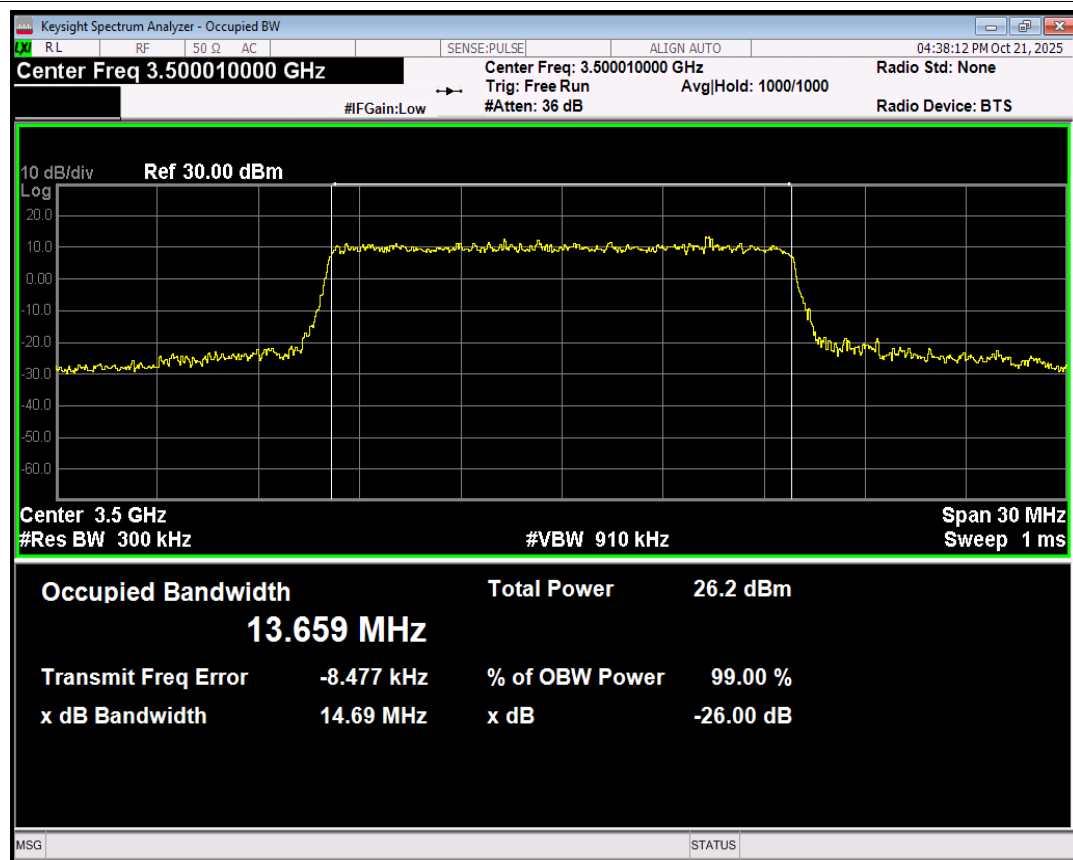
n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=38@0



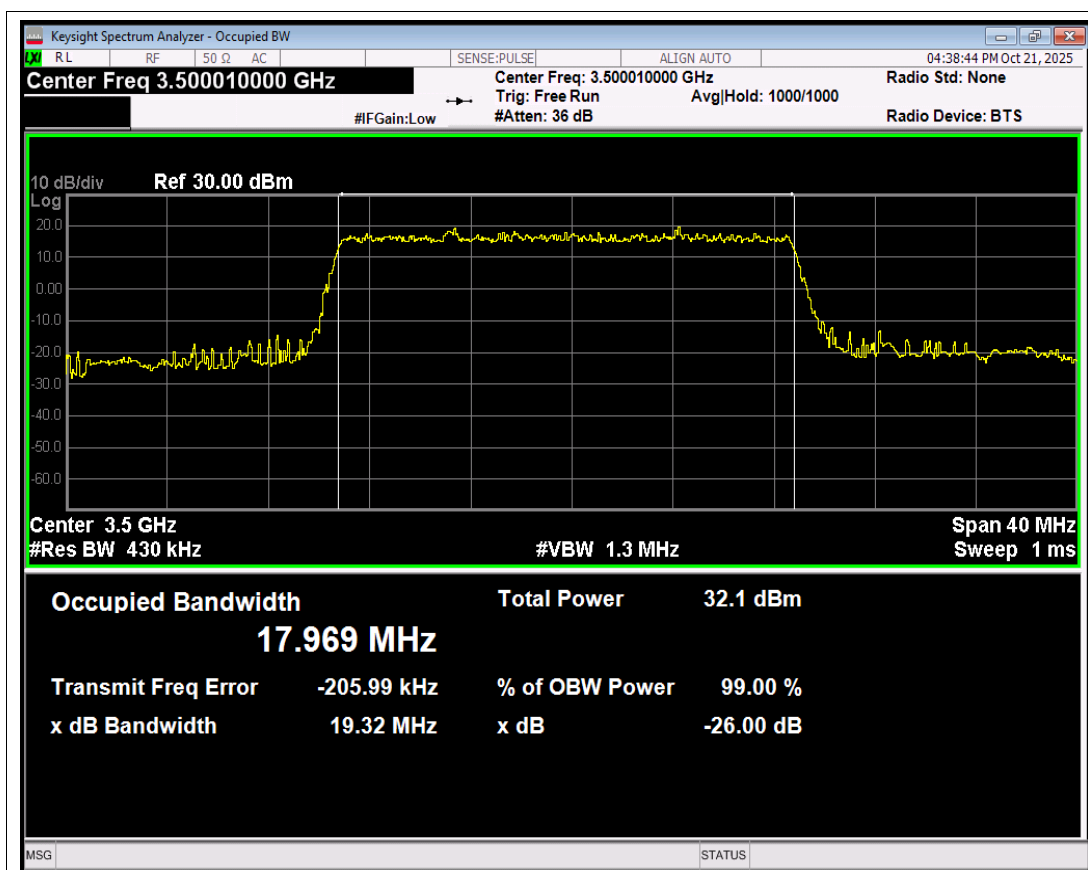
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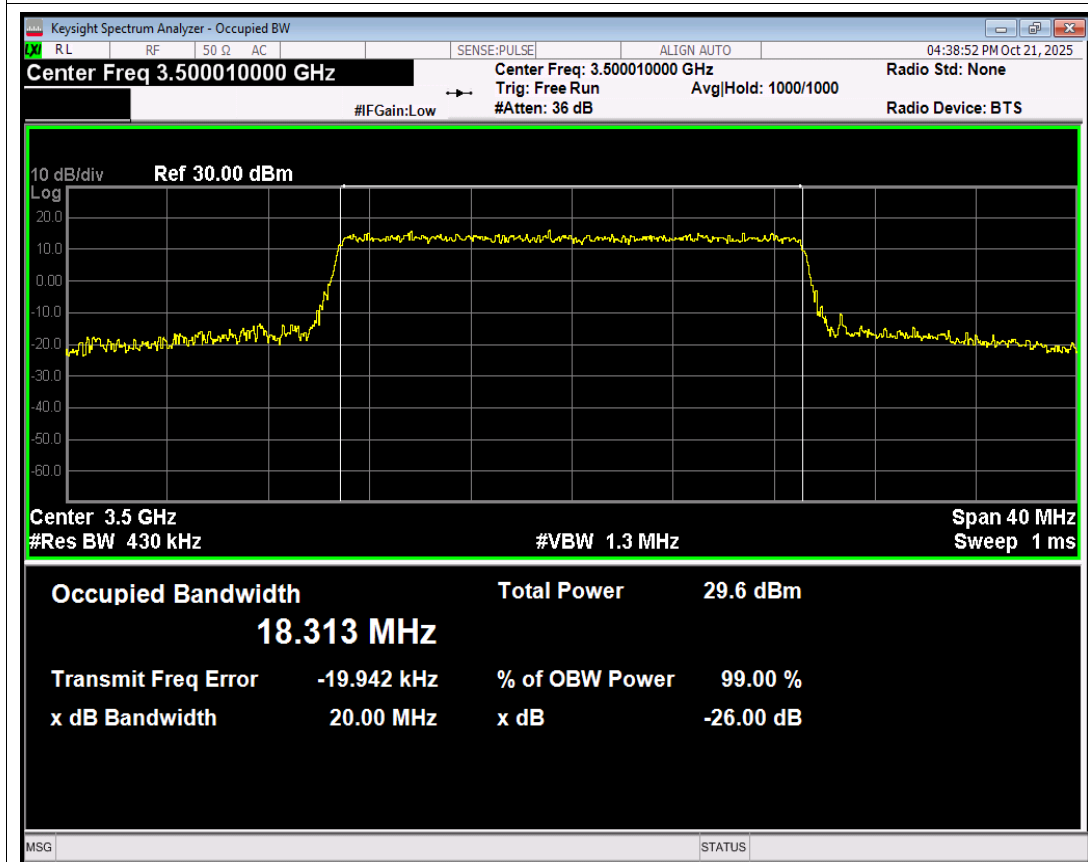
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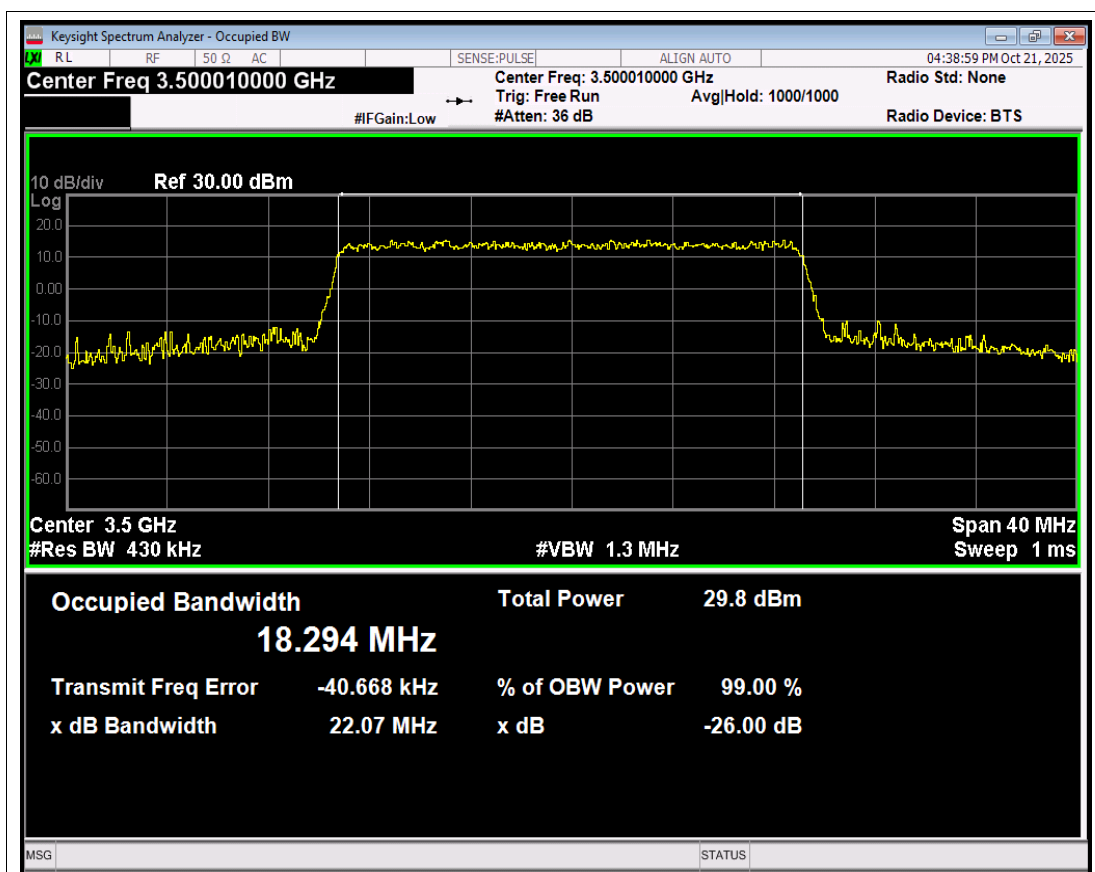
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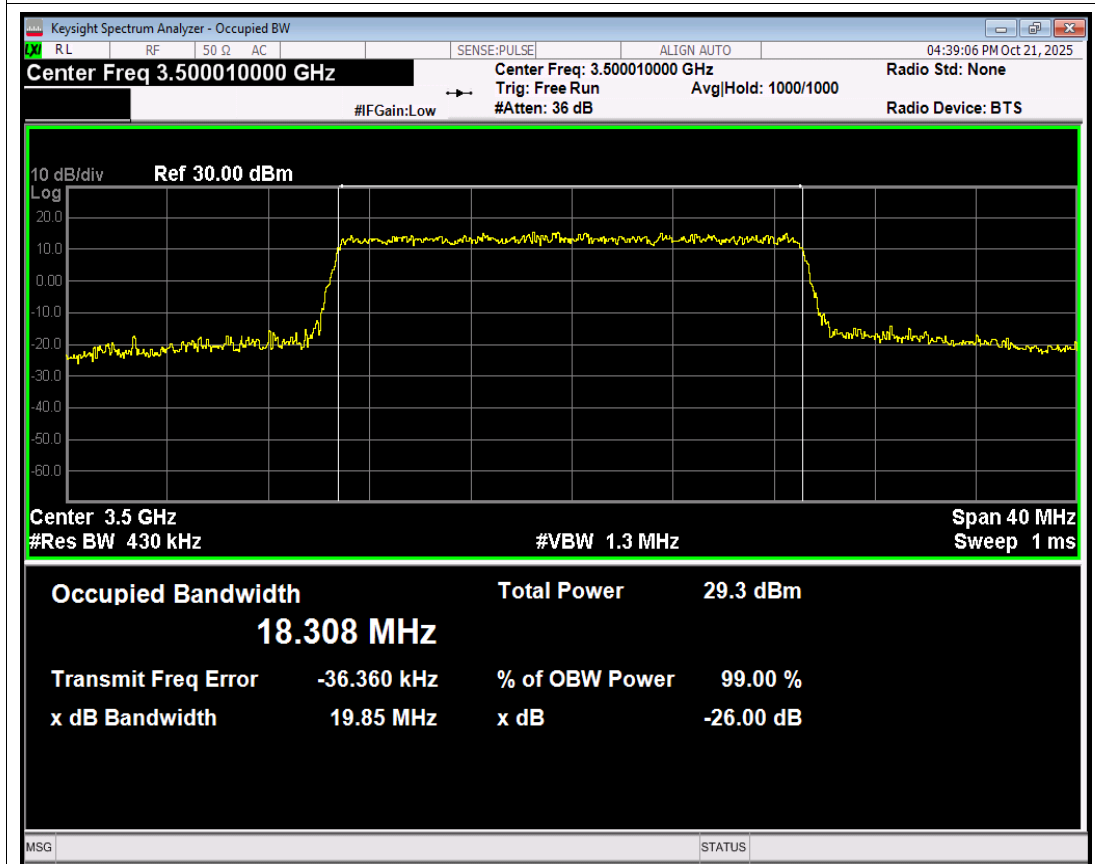
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



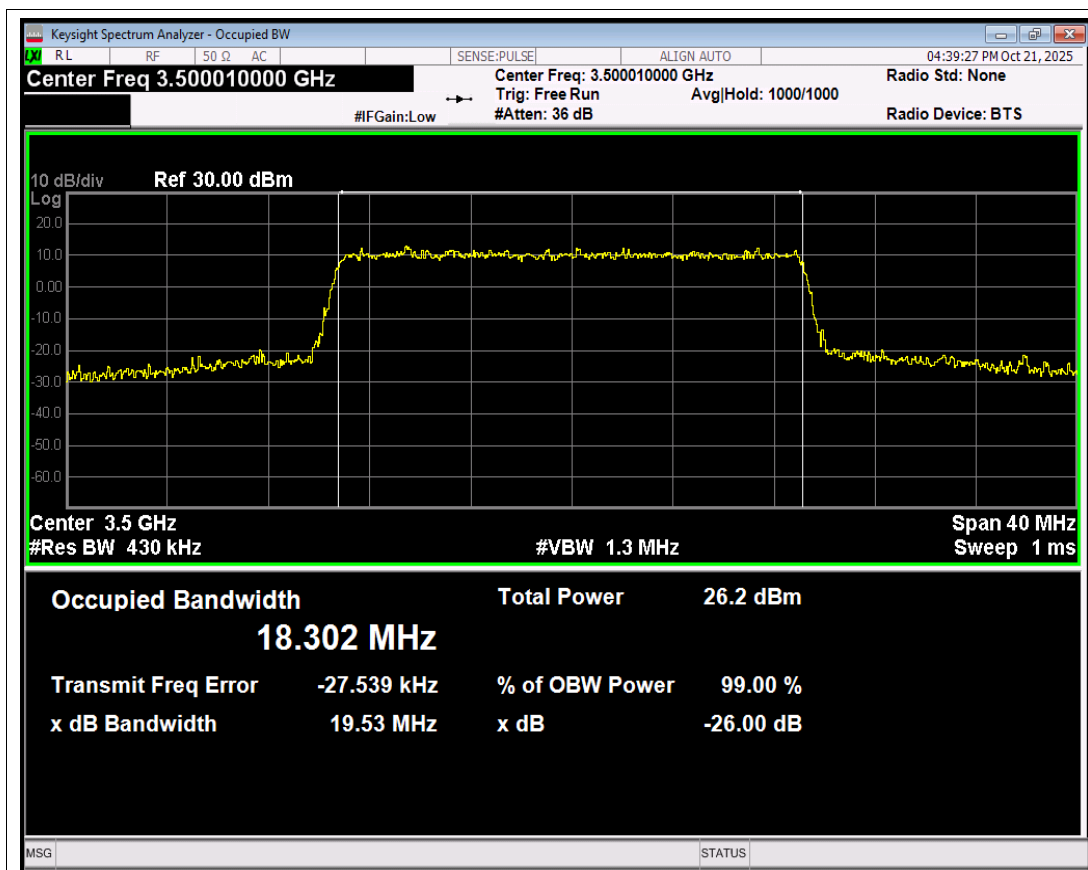
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



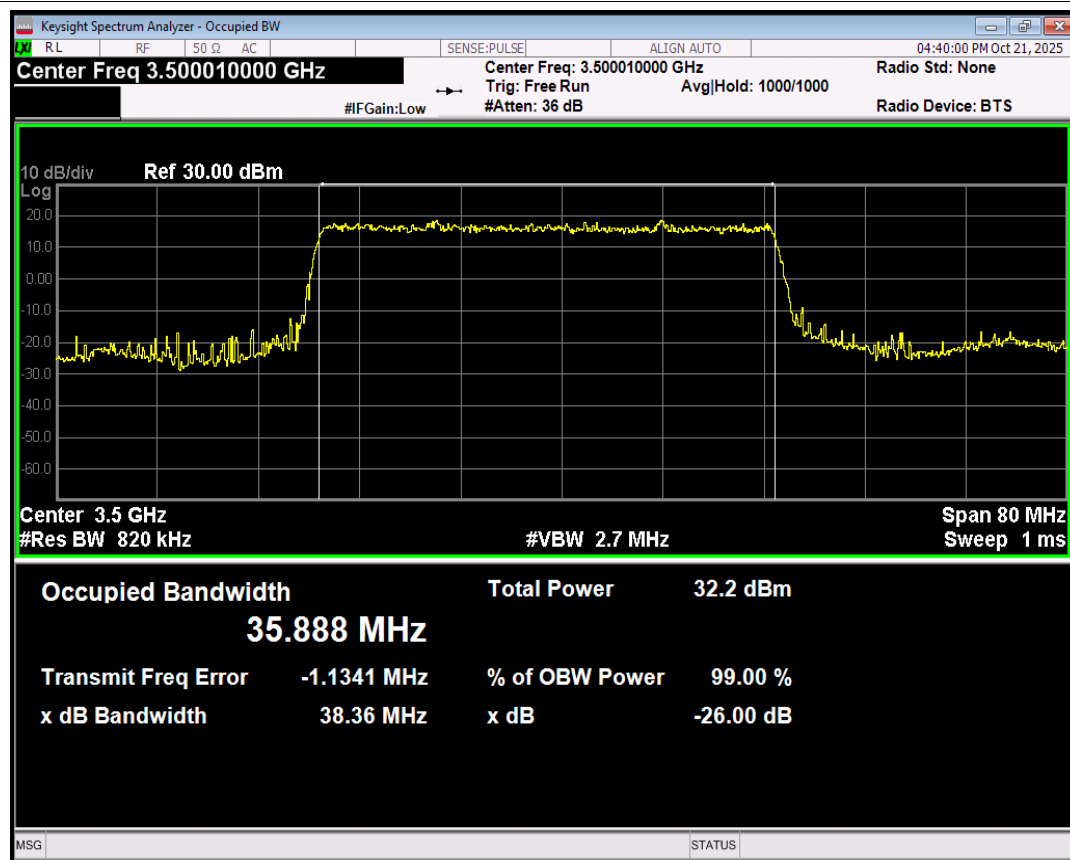
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz Channel=633334 RB=51@0



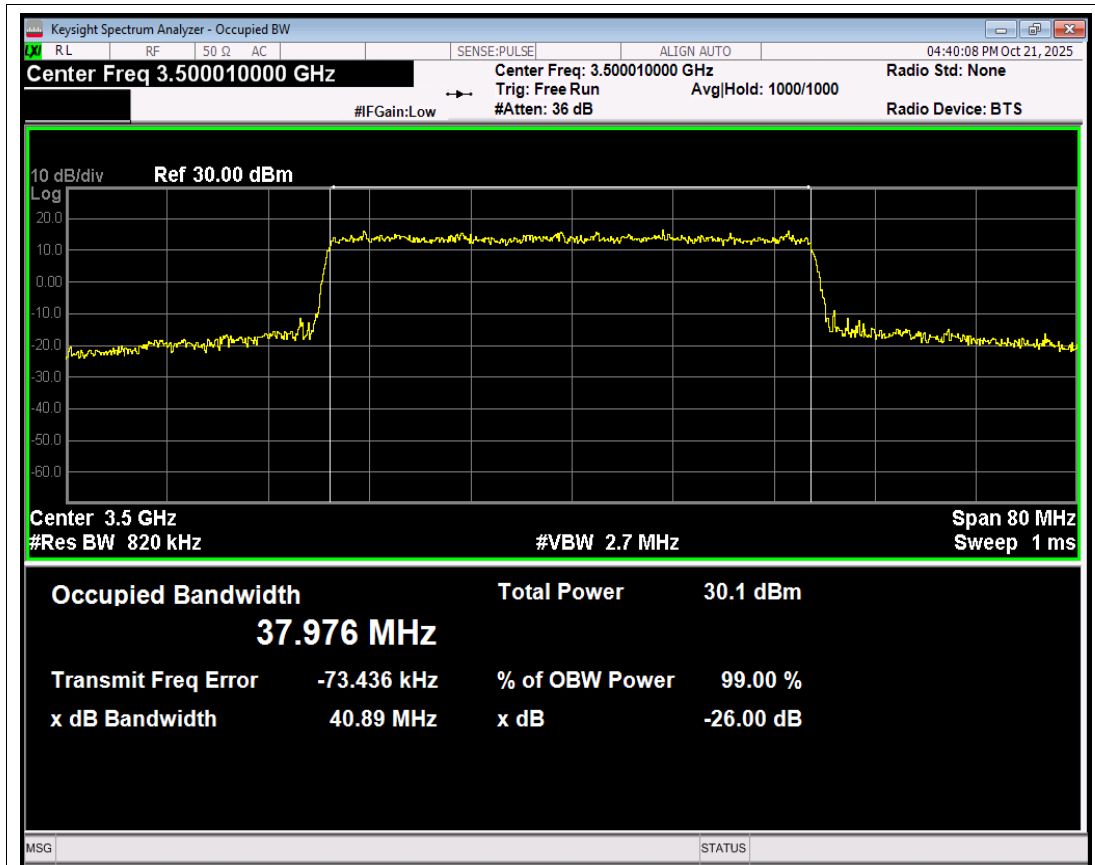
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz Channel=633334 RB=51@0



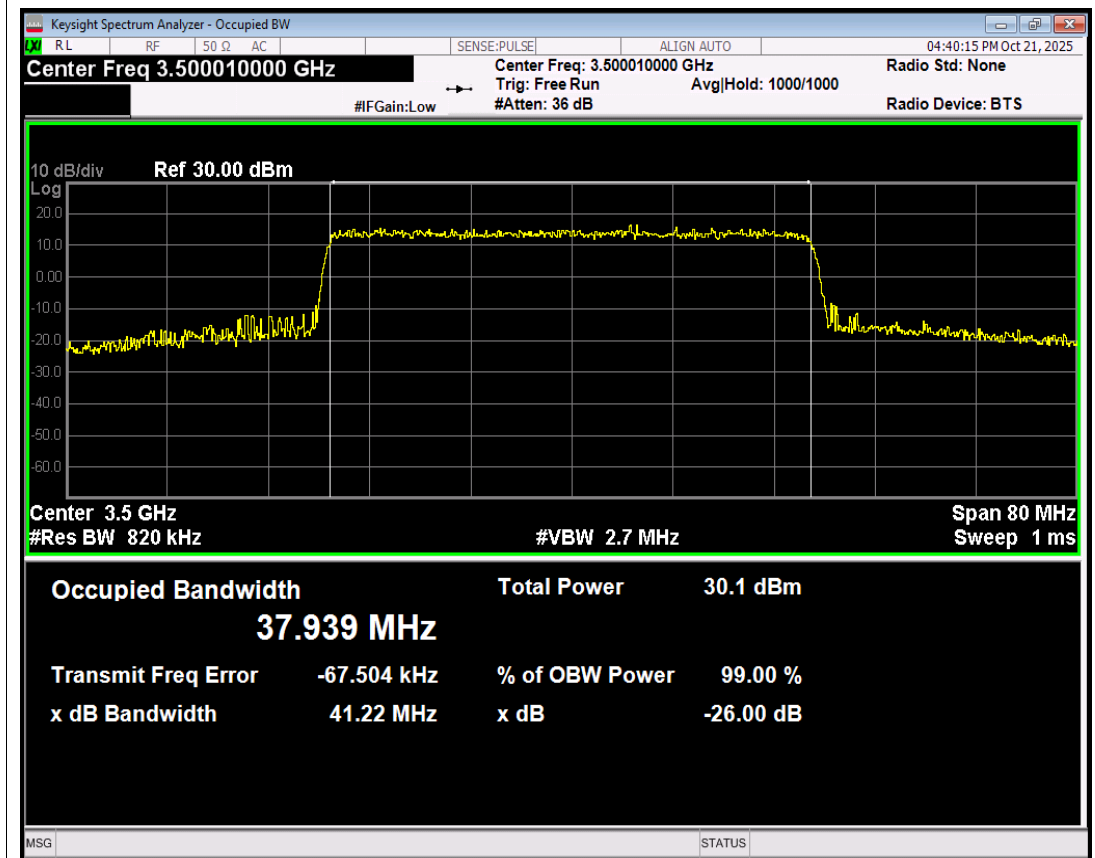
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz Channel=633334 RB=51@0



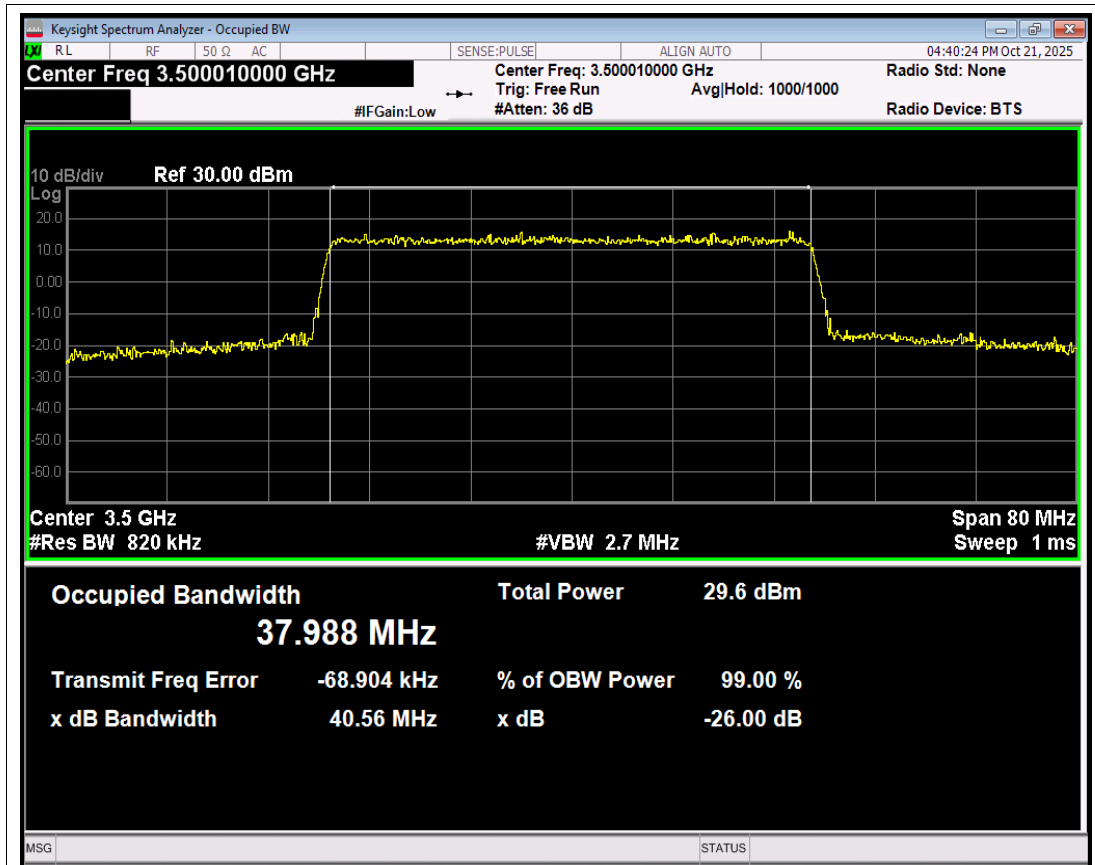
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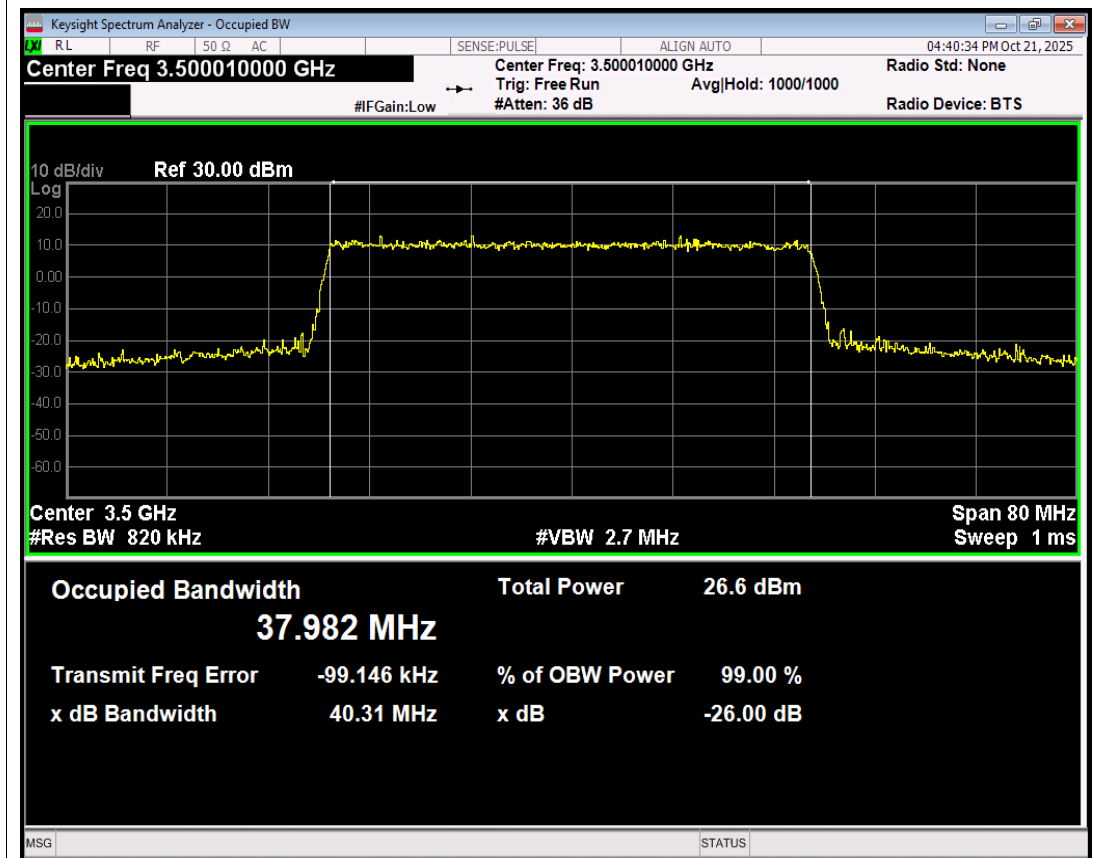
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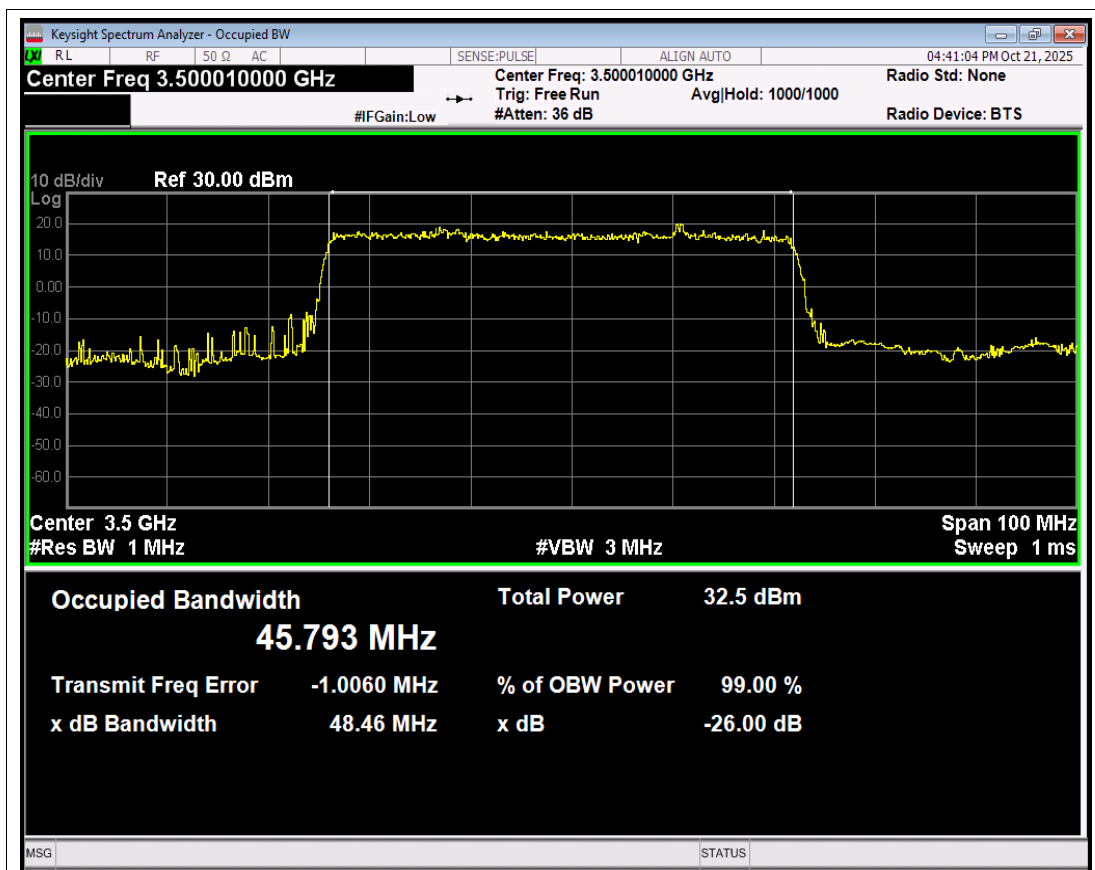
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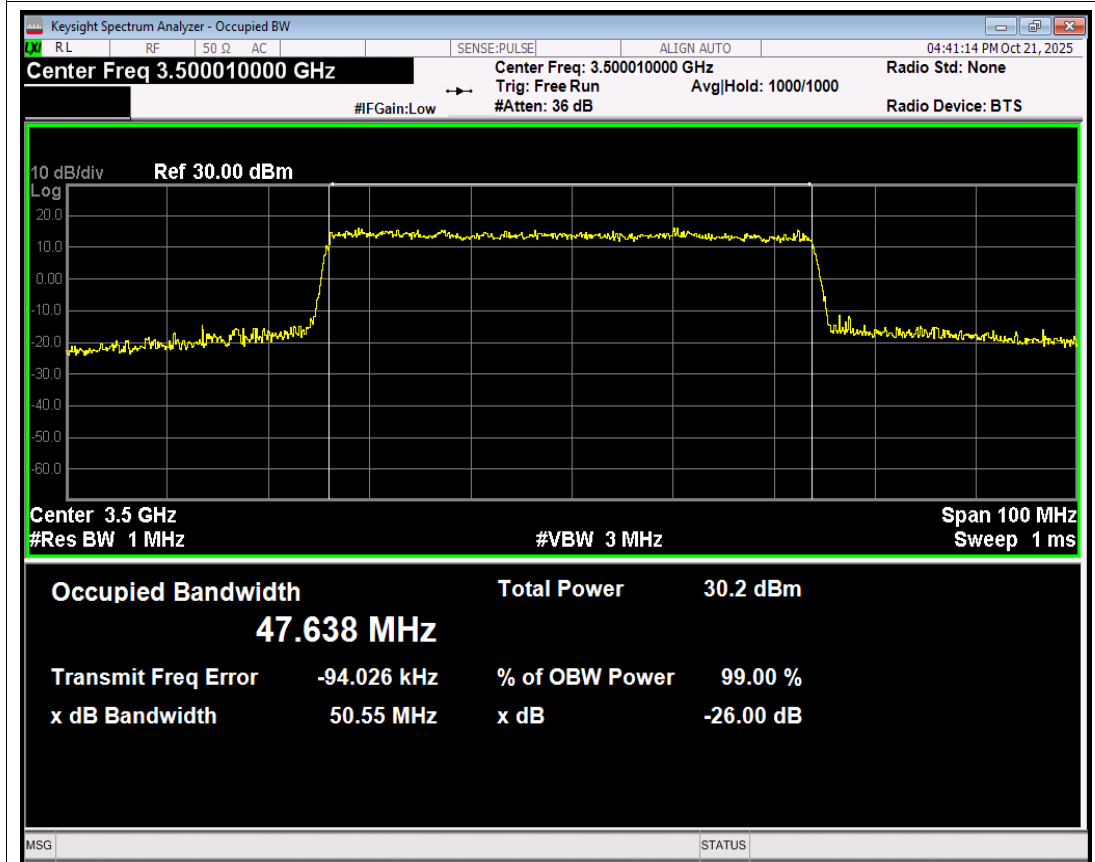
n78(3450-3550) SCS=30kHz CP_64QAM BW=40MHz Channel=633334 RB=106@0



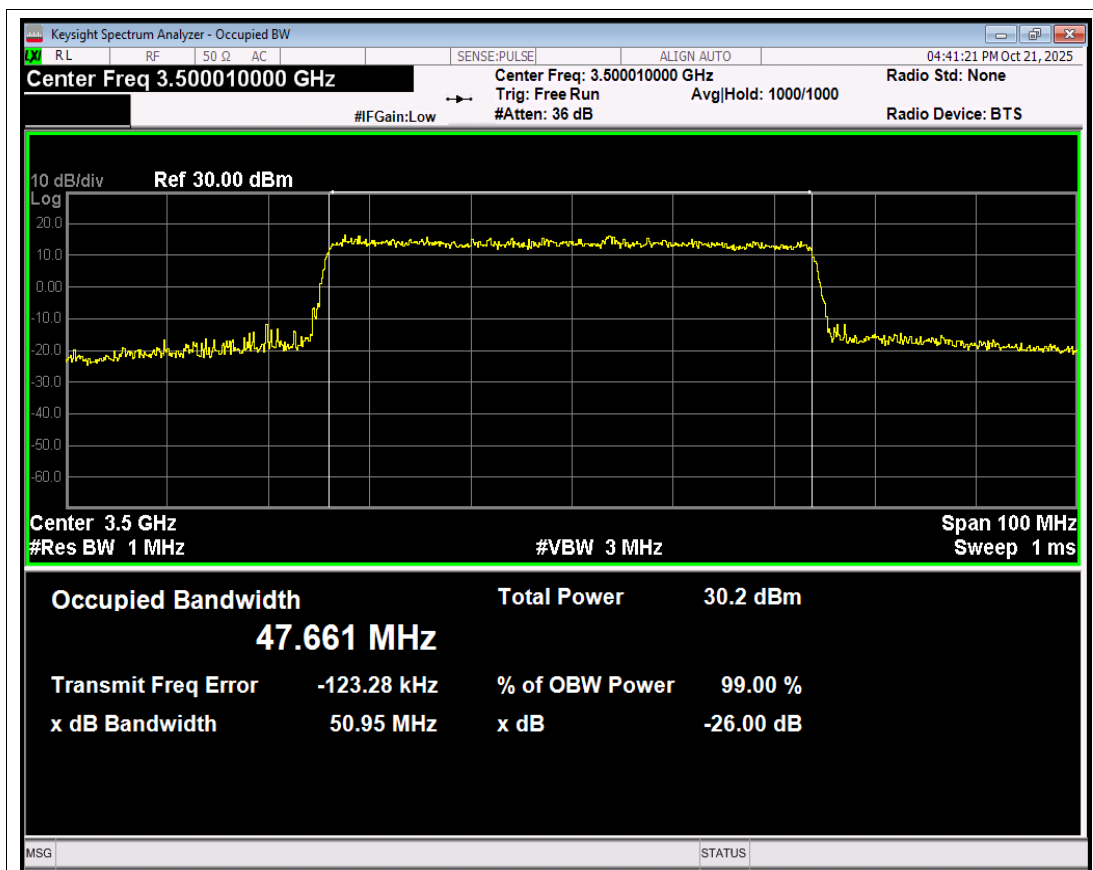
n78(3450-3550) SCS=30kHz CP_256QAM BW=40MHz Channel=633334 RB=106@0



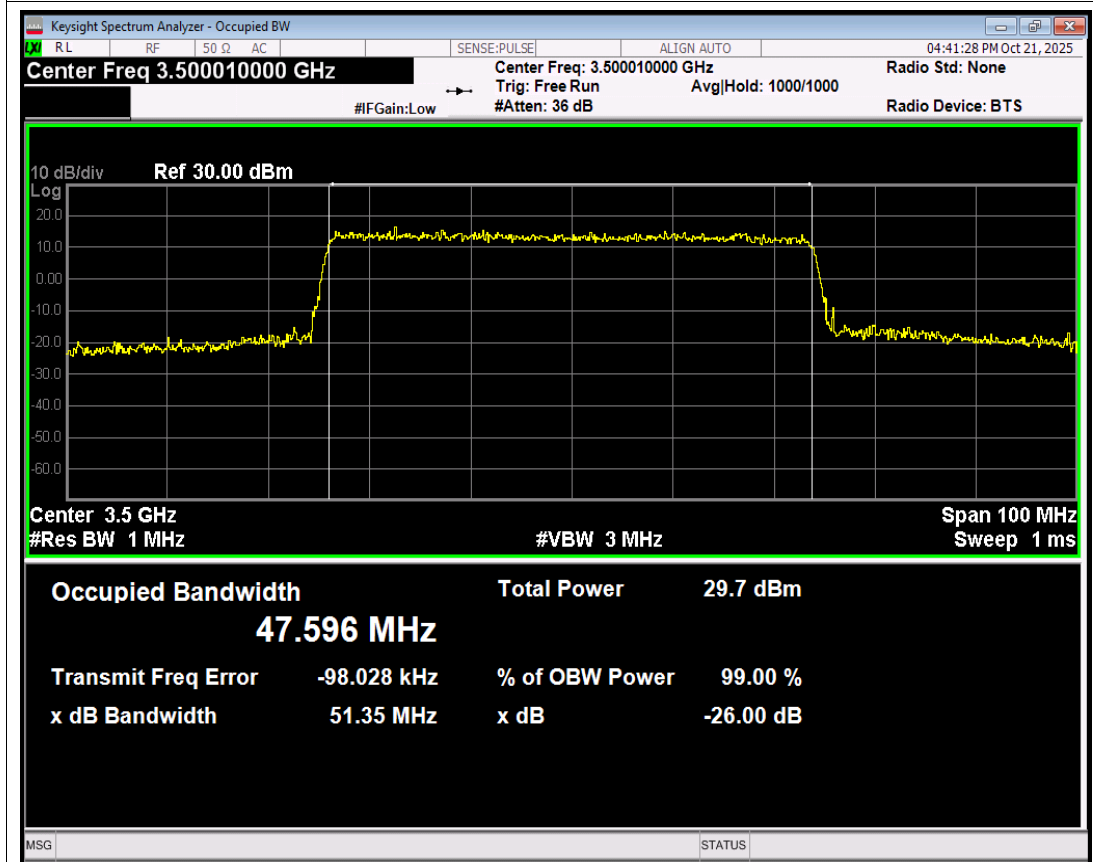
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



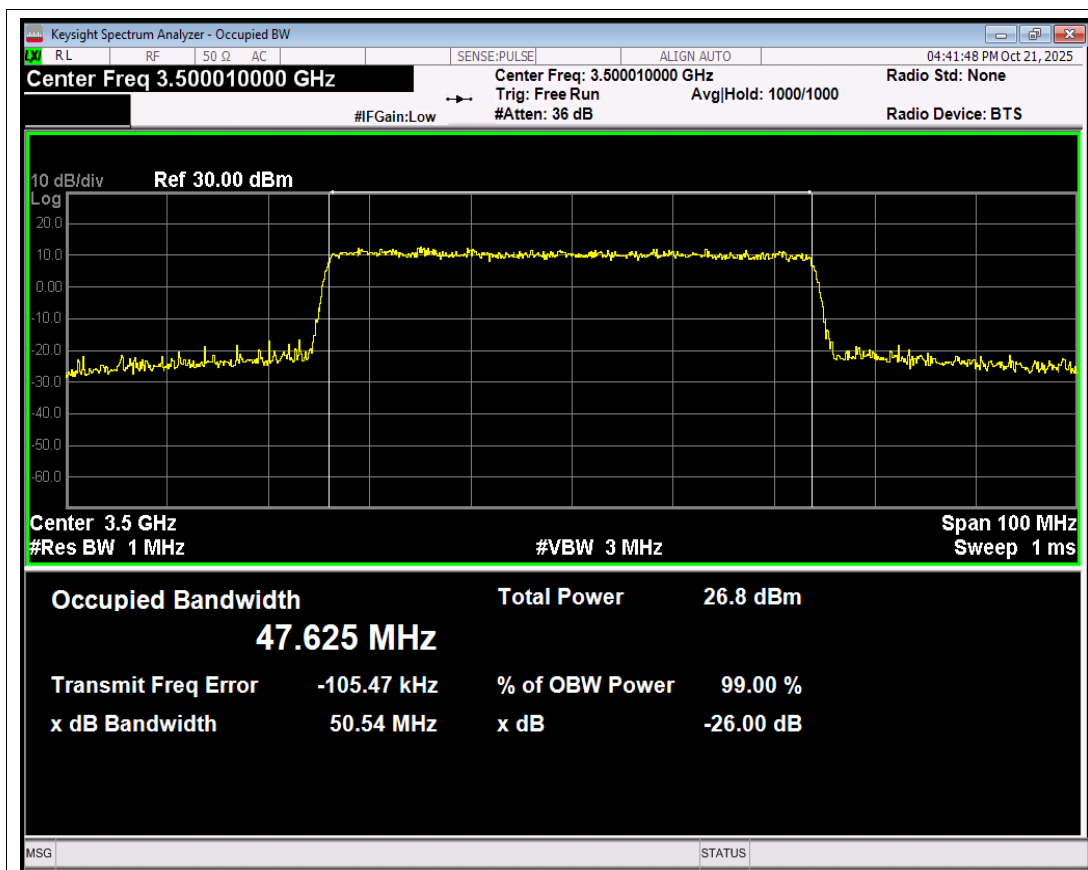
n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=633334 RB=133@0



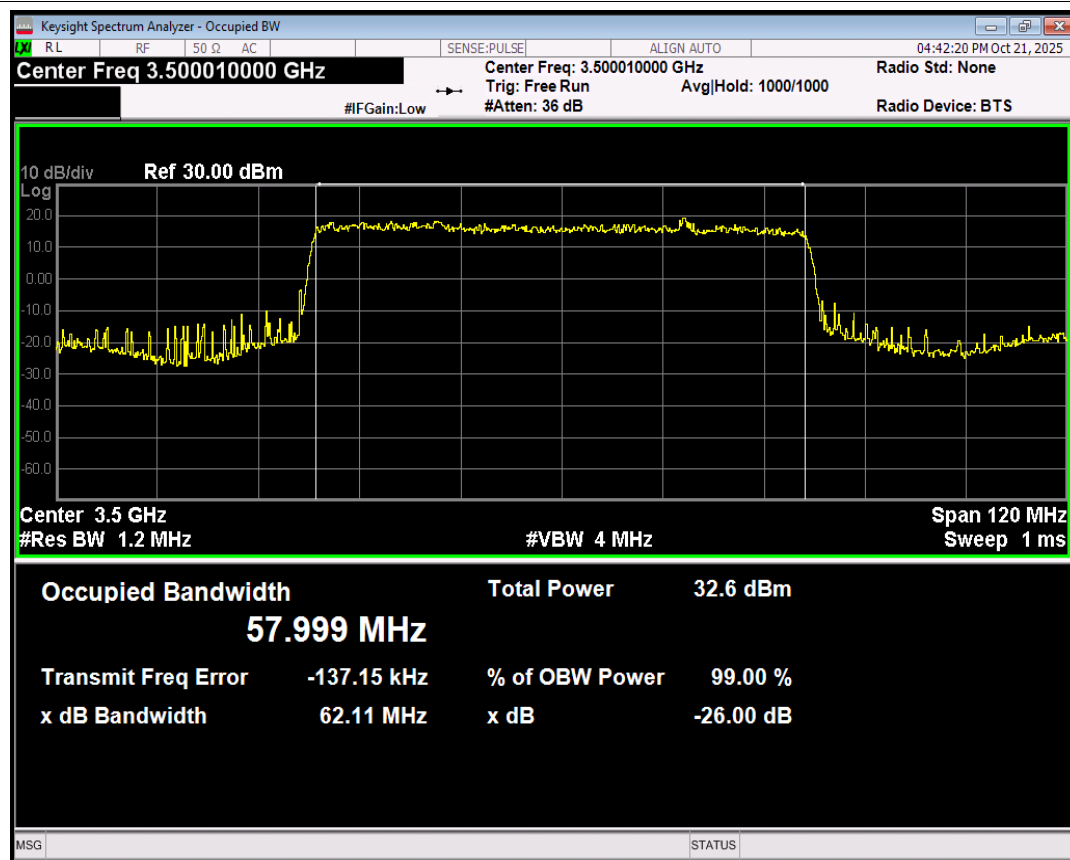
n78(3450-3550) SCS=30kHz CP_16QAM BW=50MHz Channel=633334 RB=133@0



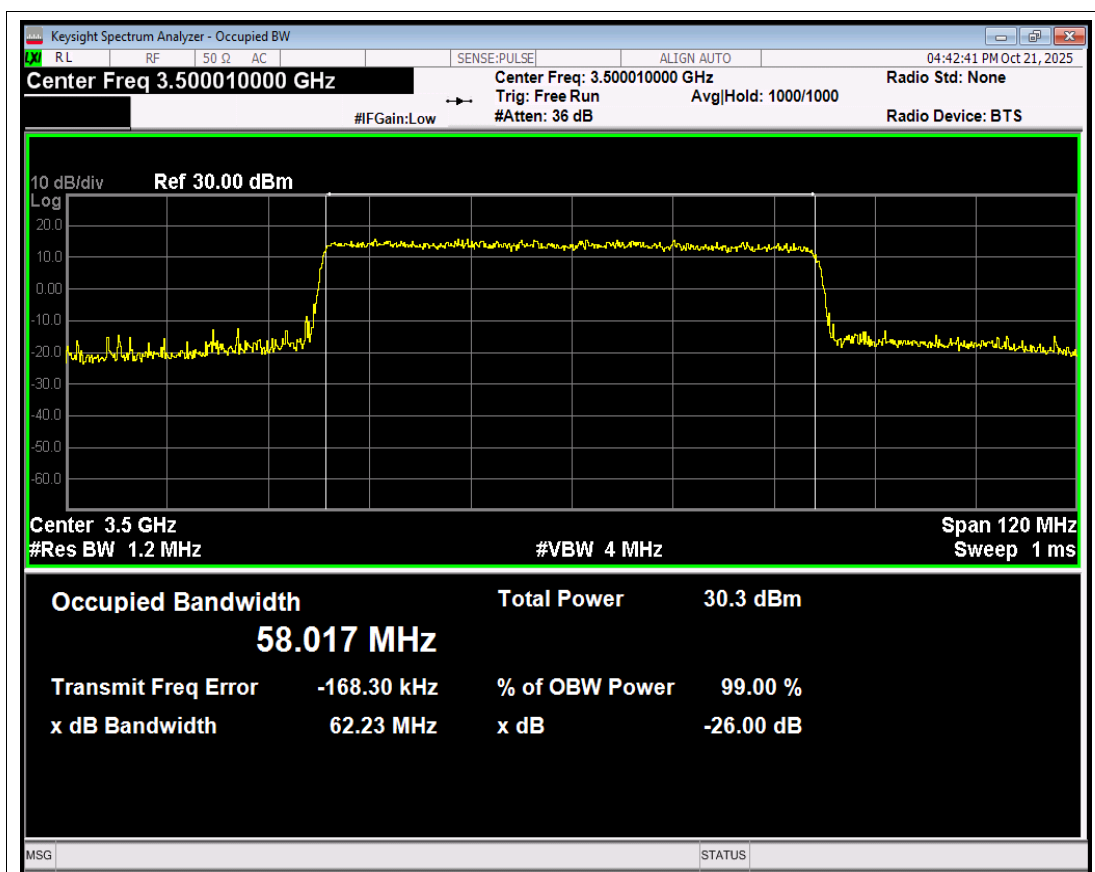
n78(3450-3550) SCS=30kHz CP_64QAM BW=50MHz Channel=633334 RB=133@0



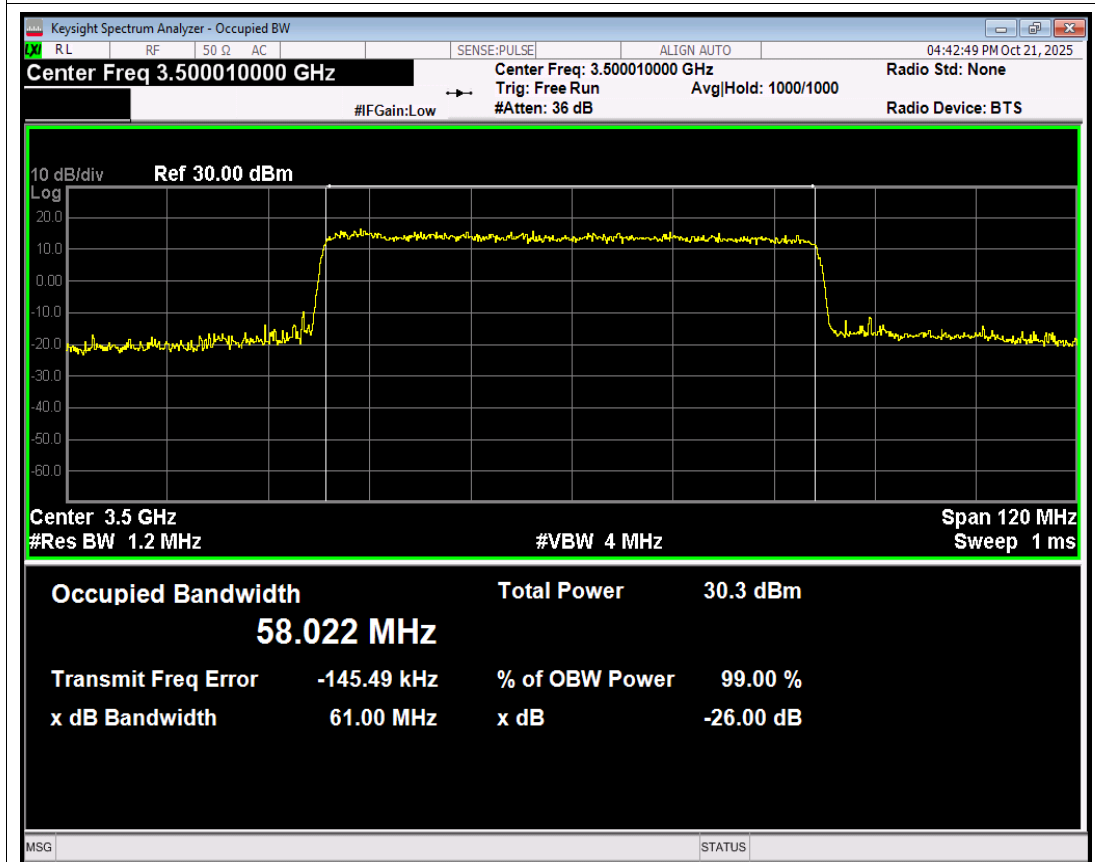
n78(3450-3550) SCS=30kHz CP_256QAM BW=50MHz Channel=633334 RB=133@0



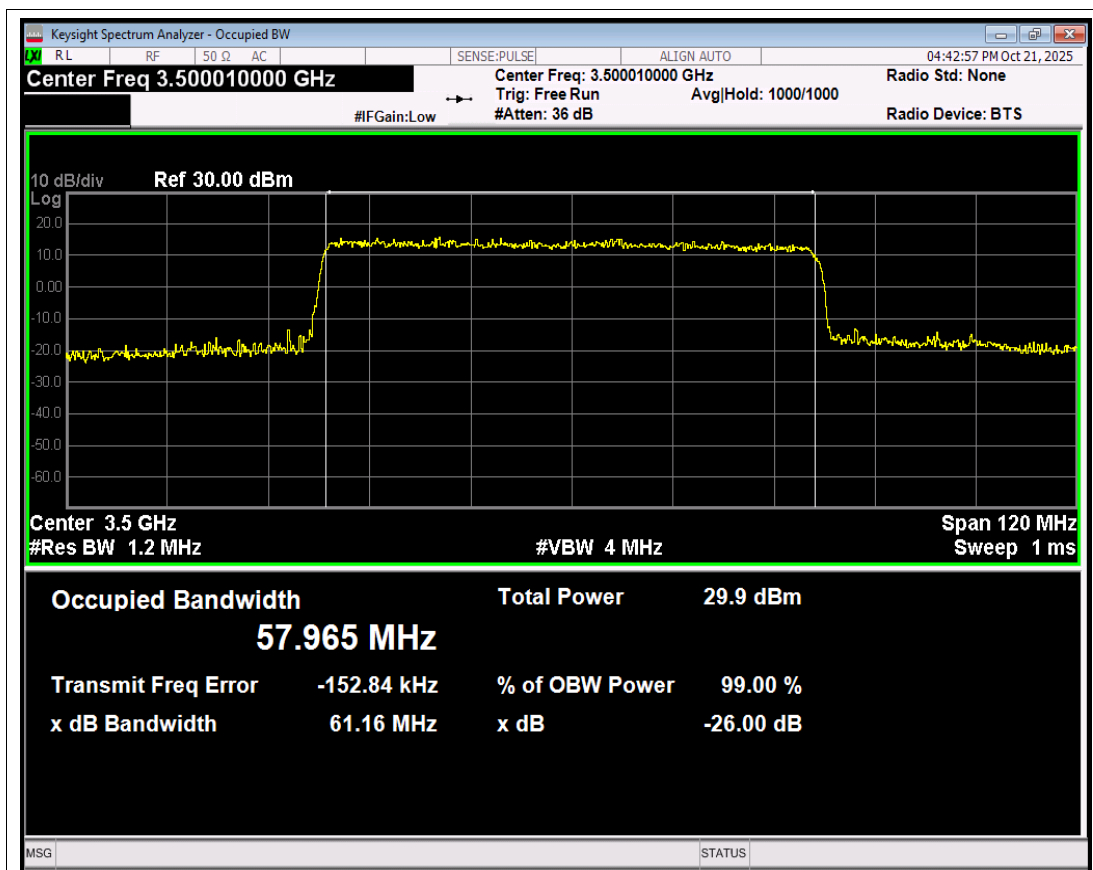
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



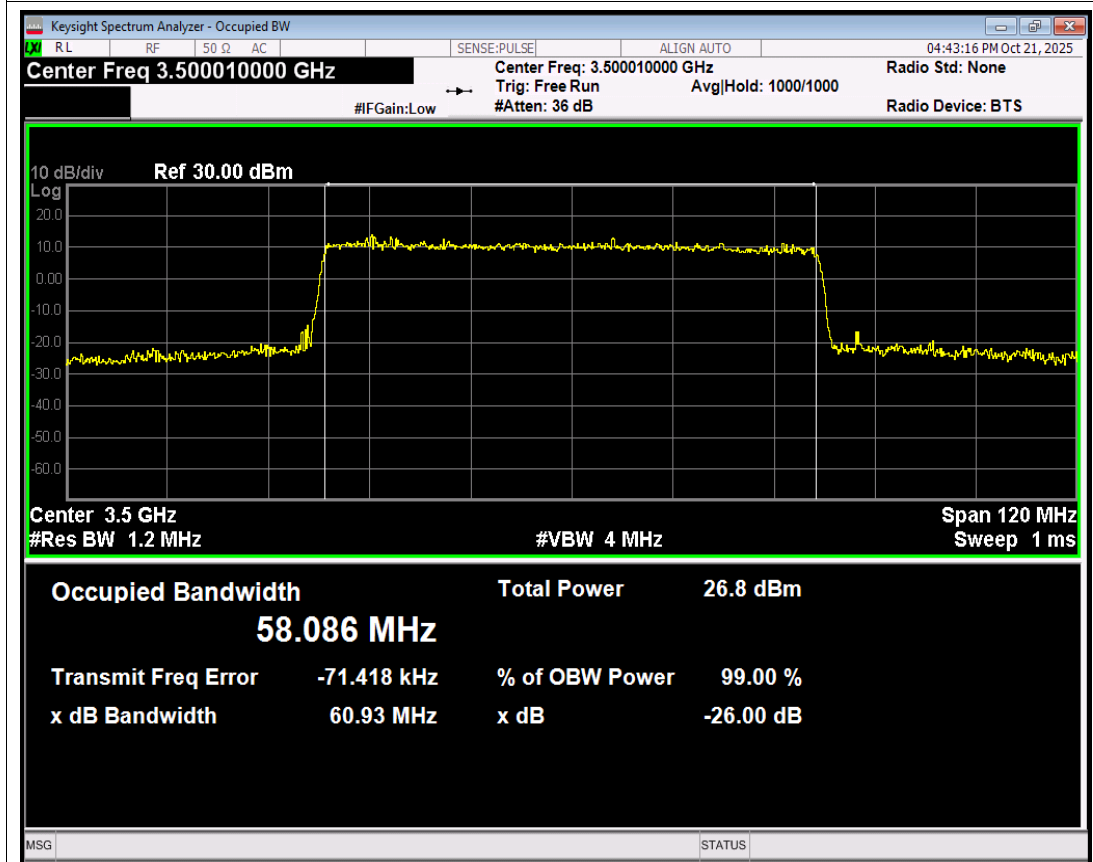
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=633334 RB=162@0



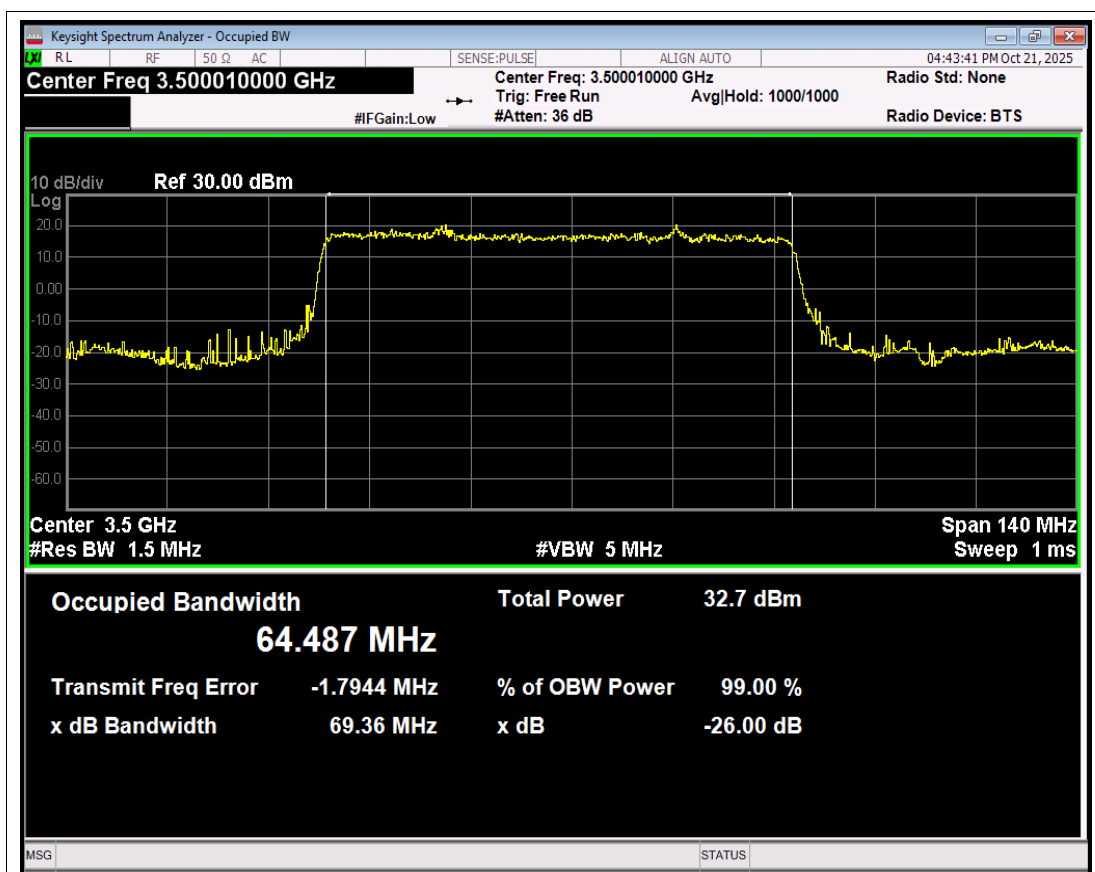
n78(3450-3550) SCS=30kHz CP_16QAM BW=60MHz Channel=633334 RB=162@0



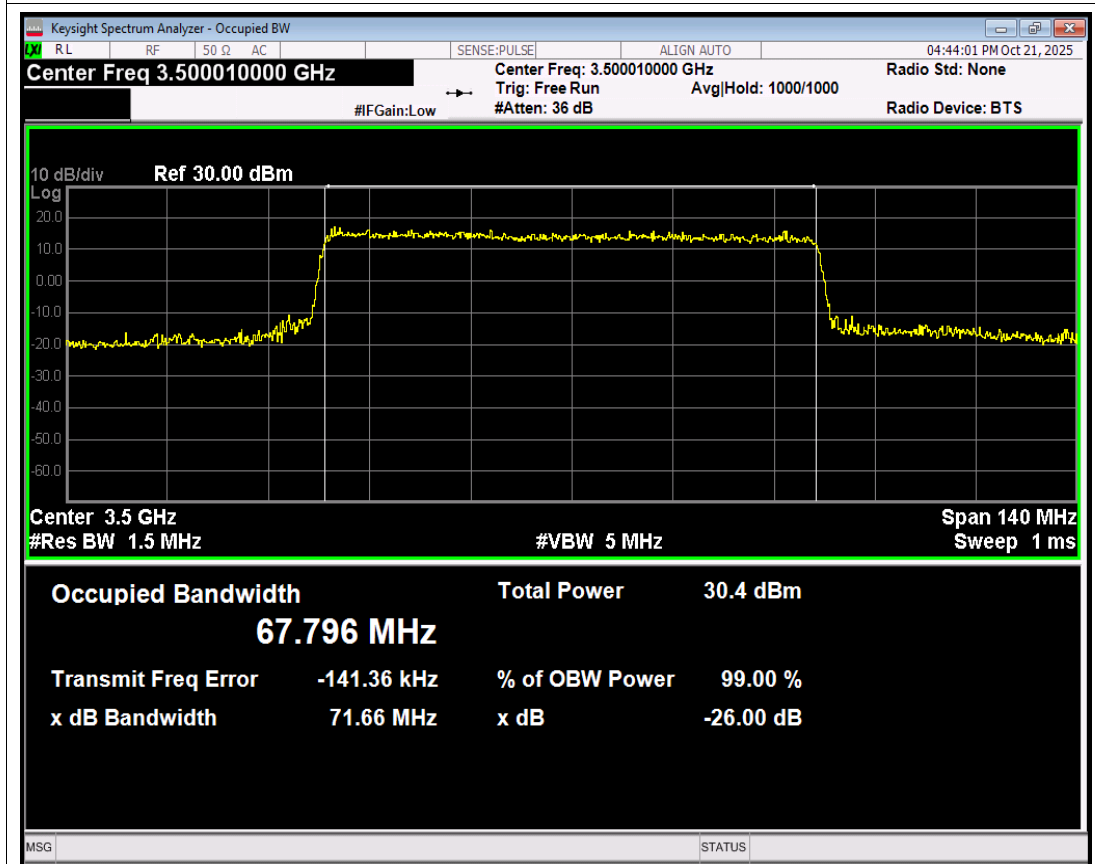
n78(3450-3550) SCS=30kHz CP_64QAM BW=60MHz Channel=633334 RB=162@0



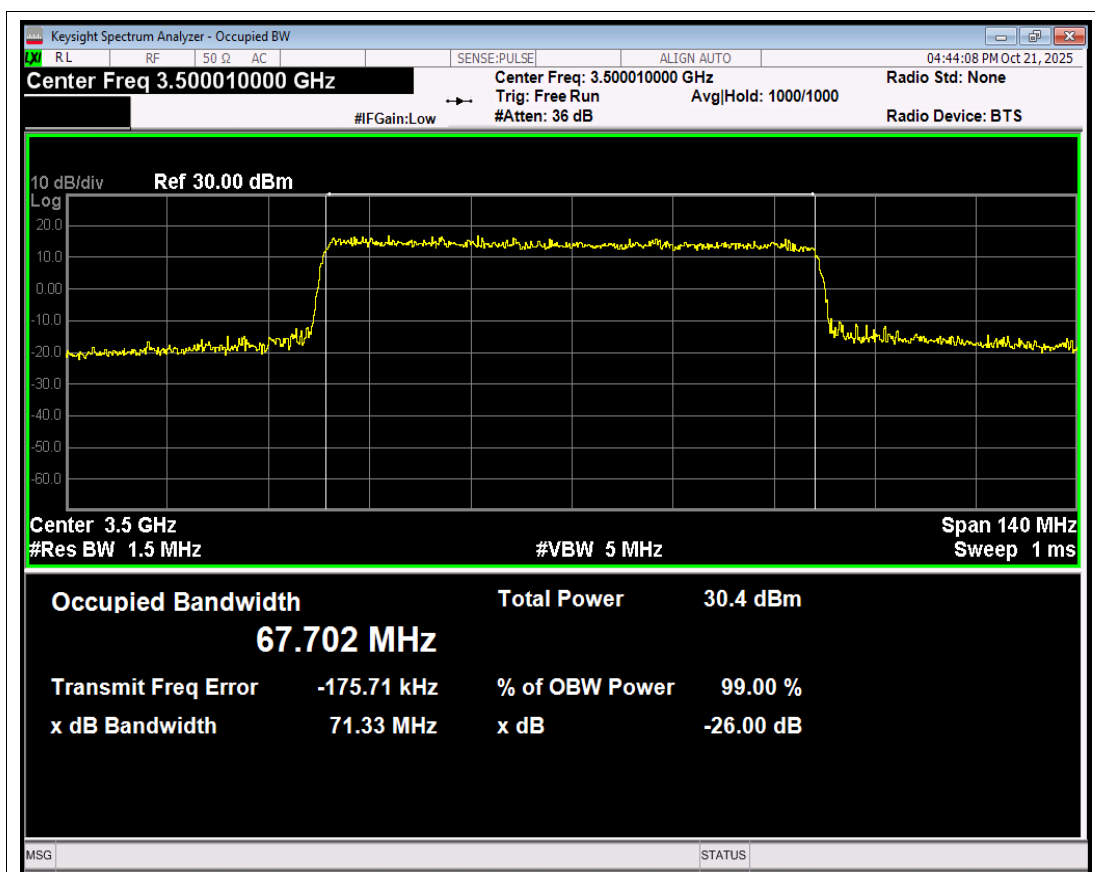
n78(3450-3550) SCS=30kHz CP_256QAM BW=60MHz Channel=633334 RB=162@0



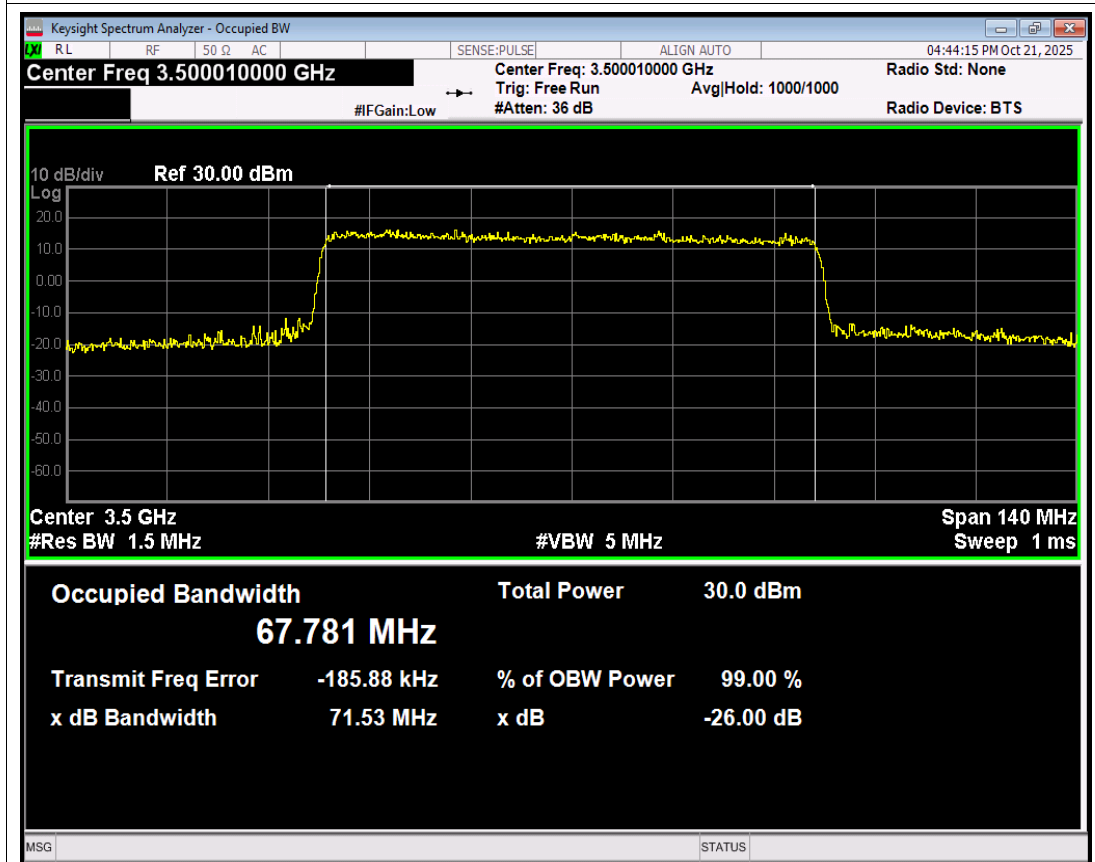
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



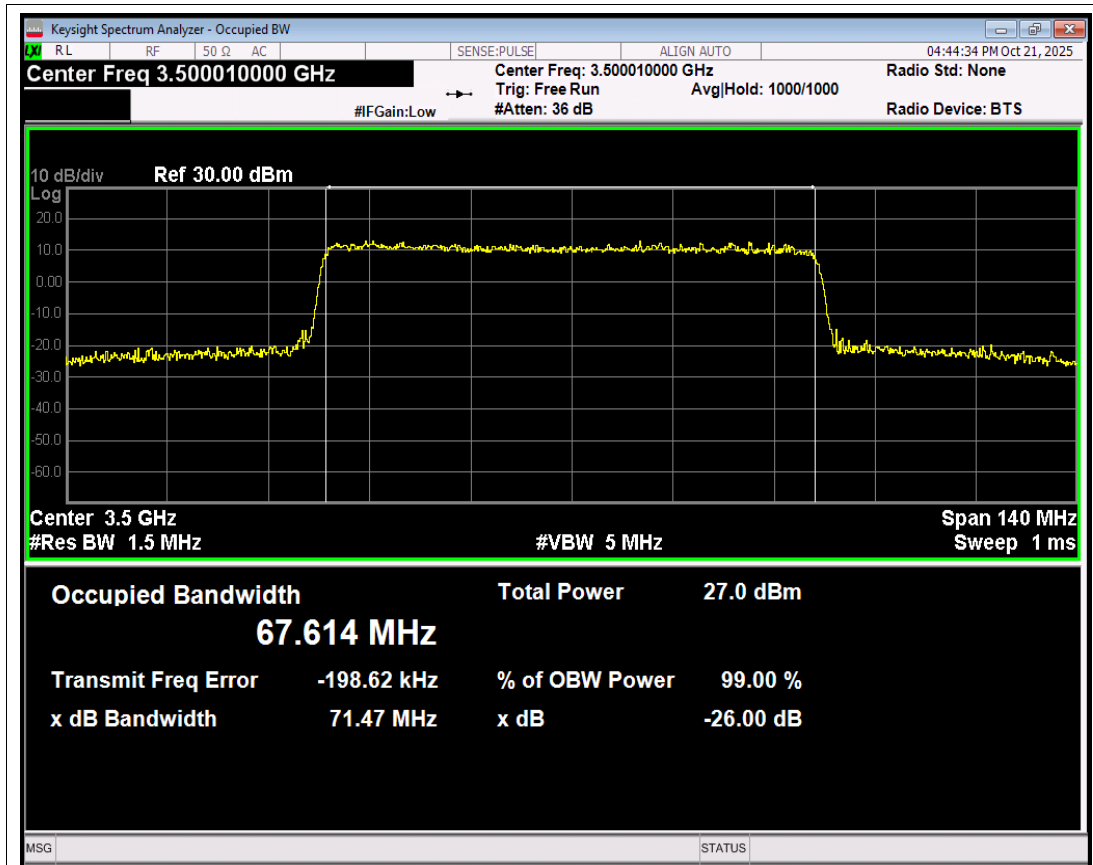
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=633334 RB=189@0



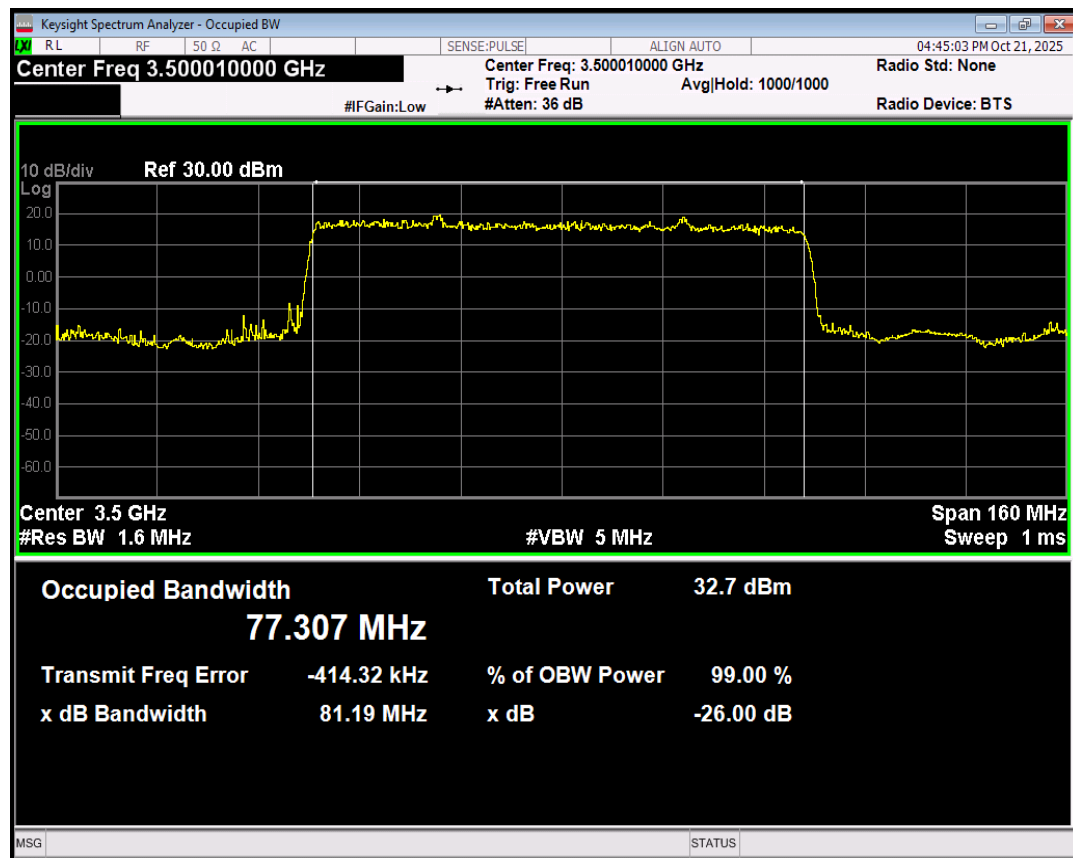
n78(3450-3550) SCS=30kHz CP_16QAM BW=70MHz Channel=633334 RB=189@0



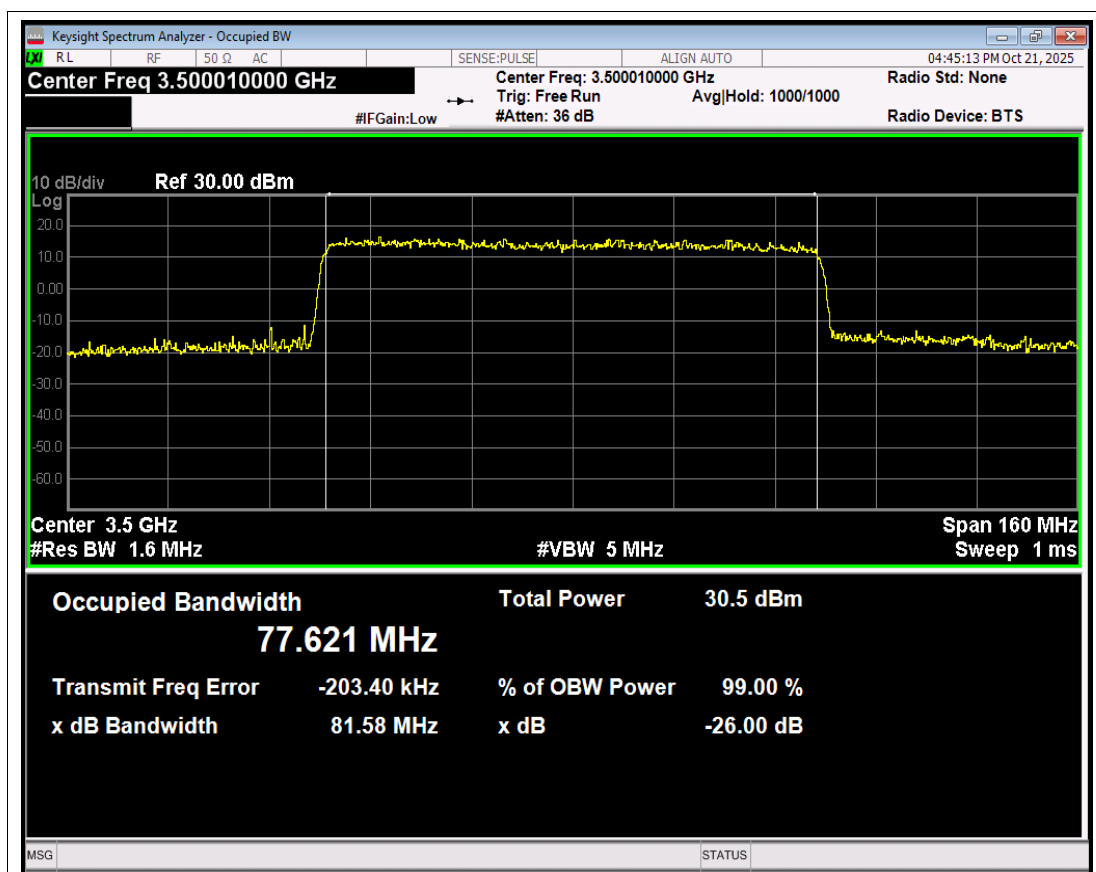
n78(3450-3550) SCS=30kHz CP_64QAM BW=70MHz Channel=633334 RB=189@0



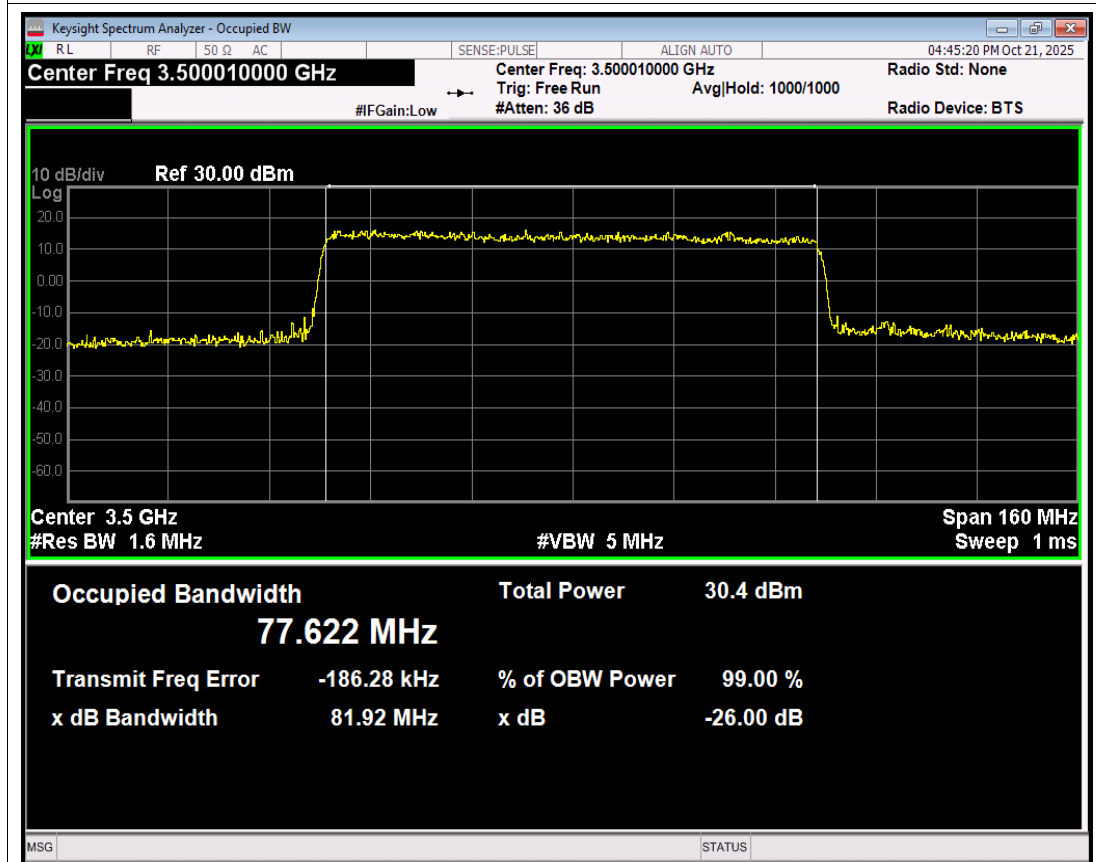
n78(3450-3550) SCS=30kHz CP_256QAM BW=70MHz Channel=633334 RB=189@0



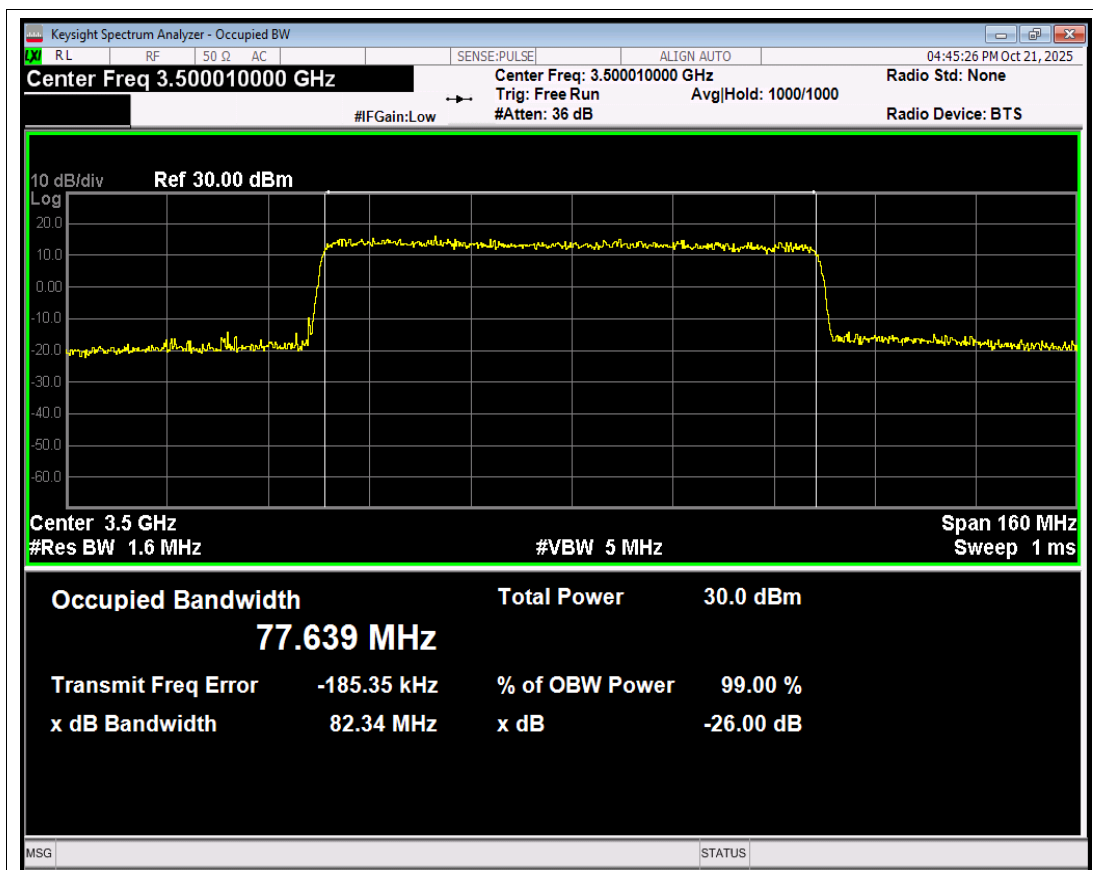
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



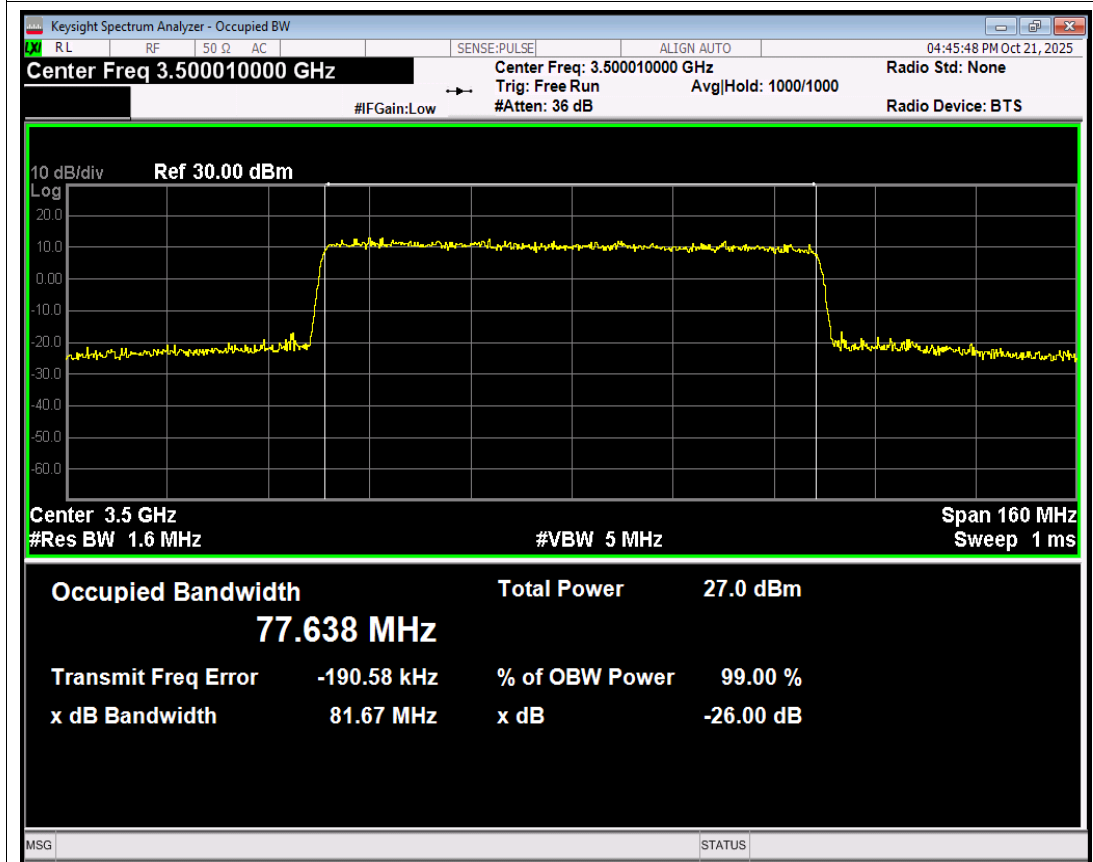
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=633334 RB=217@0



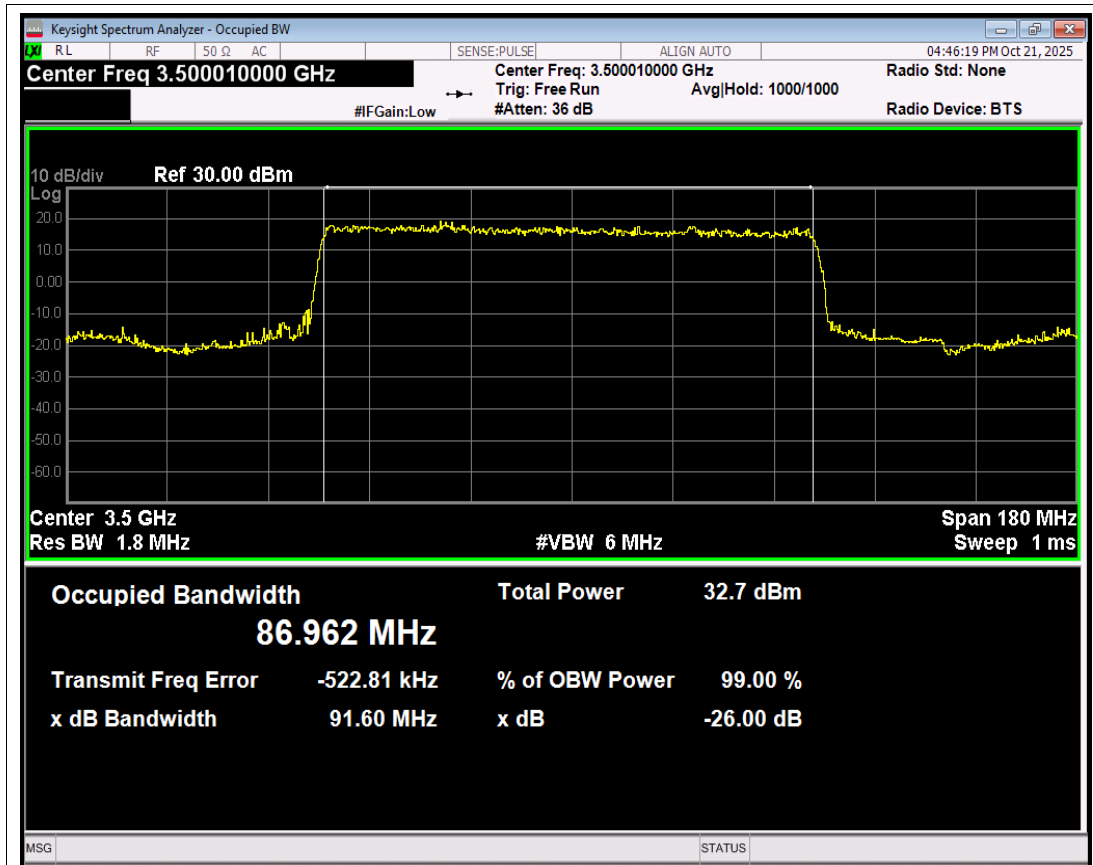
n78(3450-3550) SCS=30kHz CP_16QAM BW=80MHz Channel=633334 RB=217@0



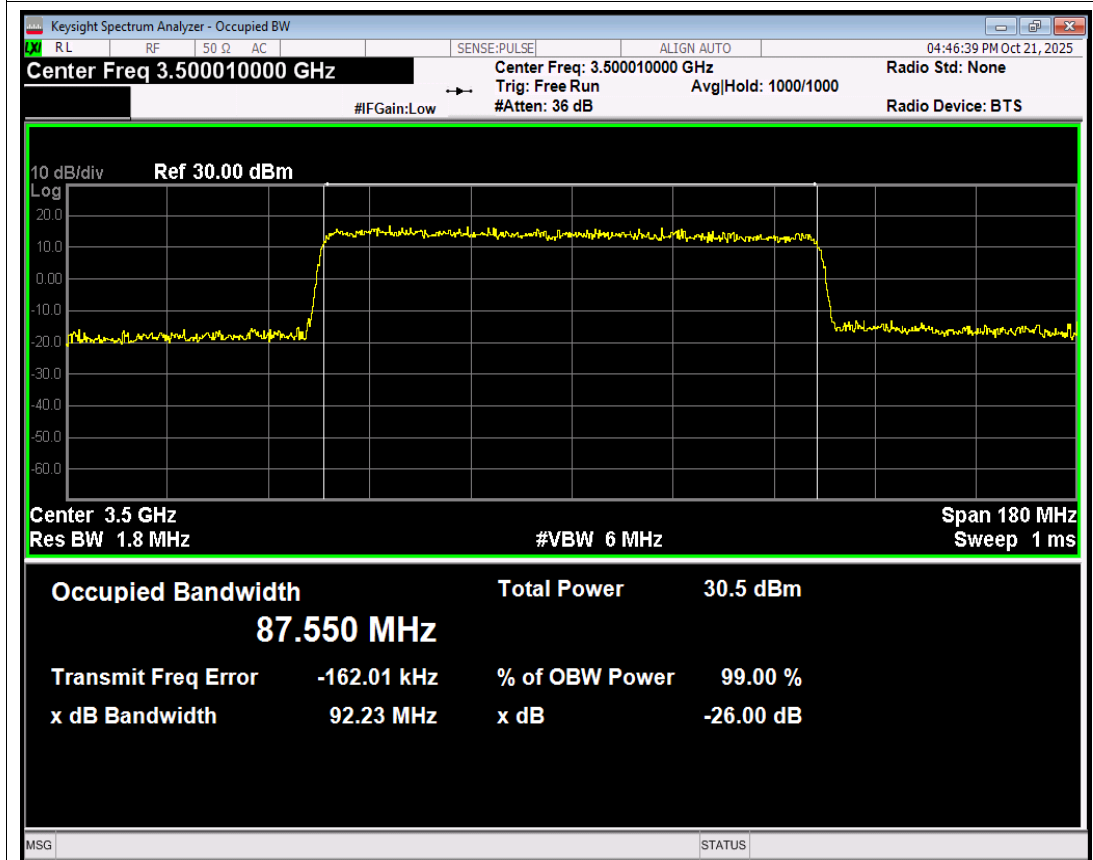
n78(3450-3550) SCS=30kHz CP_64QAM BW=80MHz Channel=633334 RB=217@0



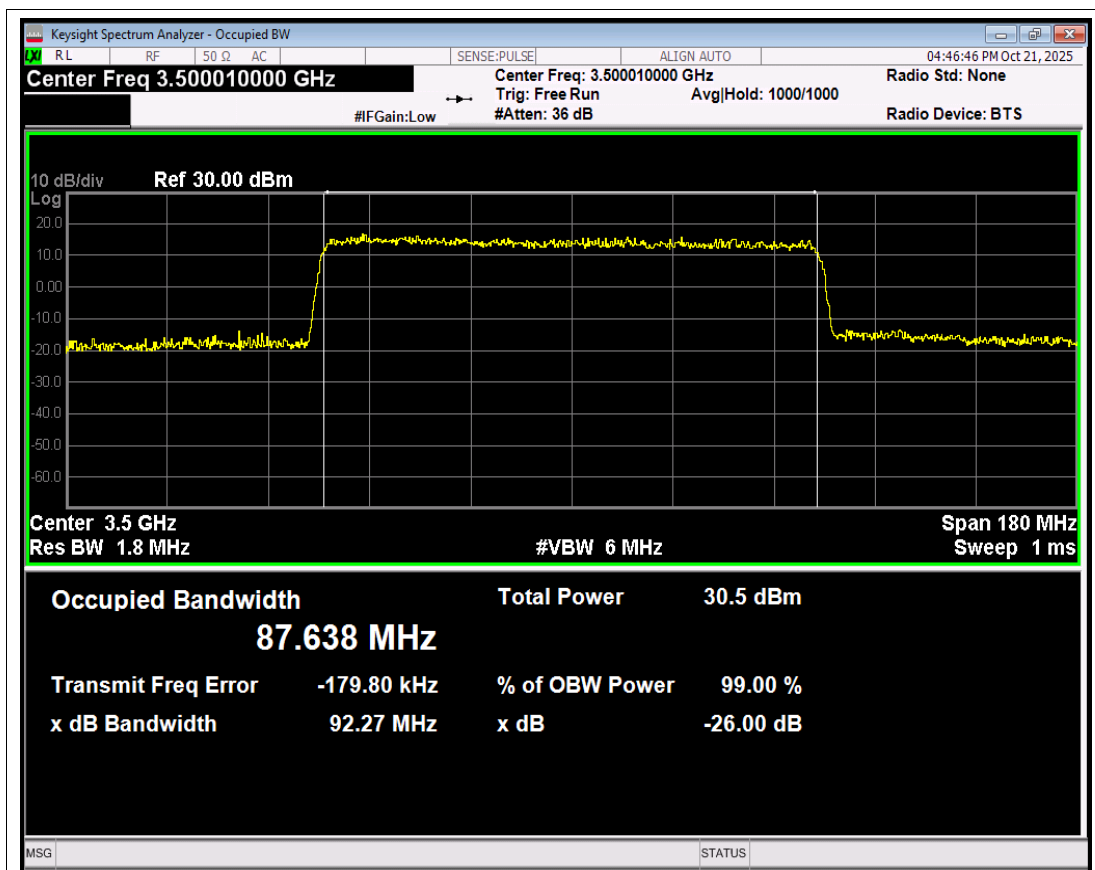
n78(3450-3550) SCS=30kHz CP_256QAM BW=80MHz Channel=633334 RB=217@0



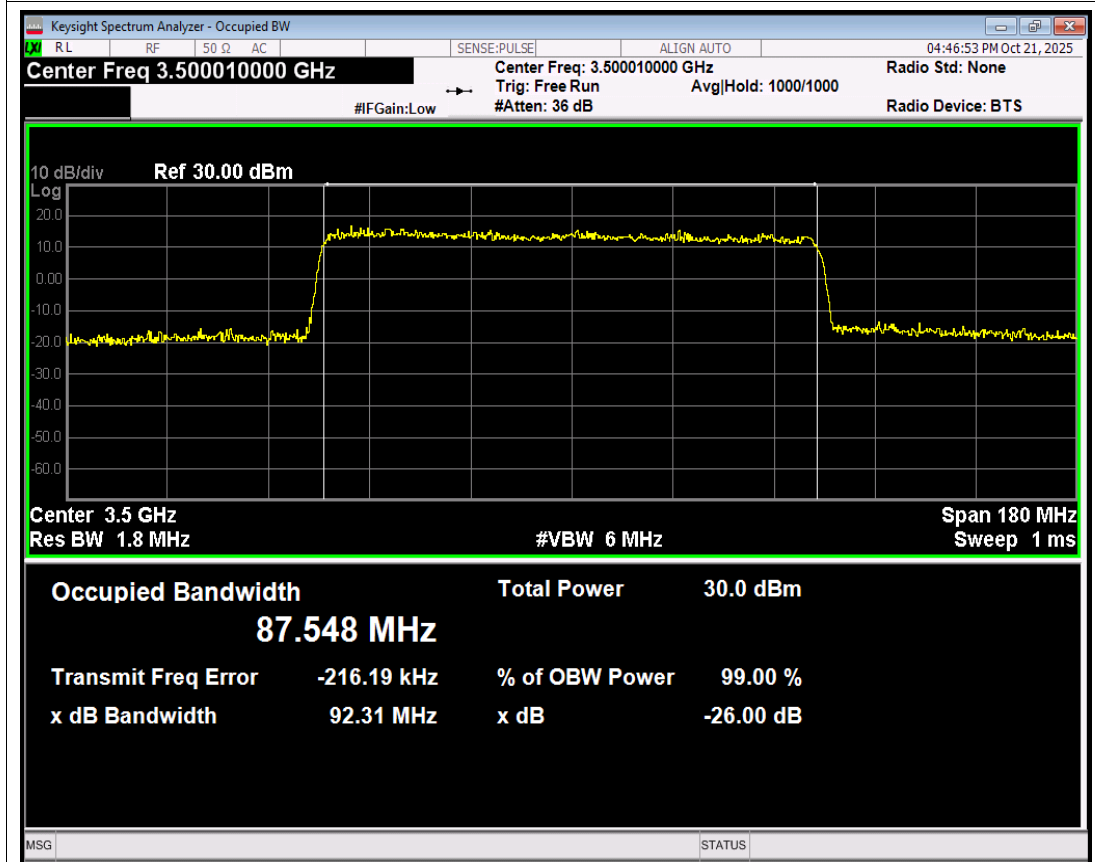
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=243@0



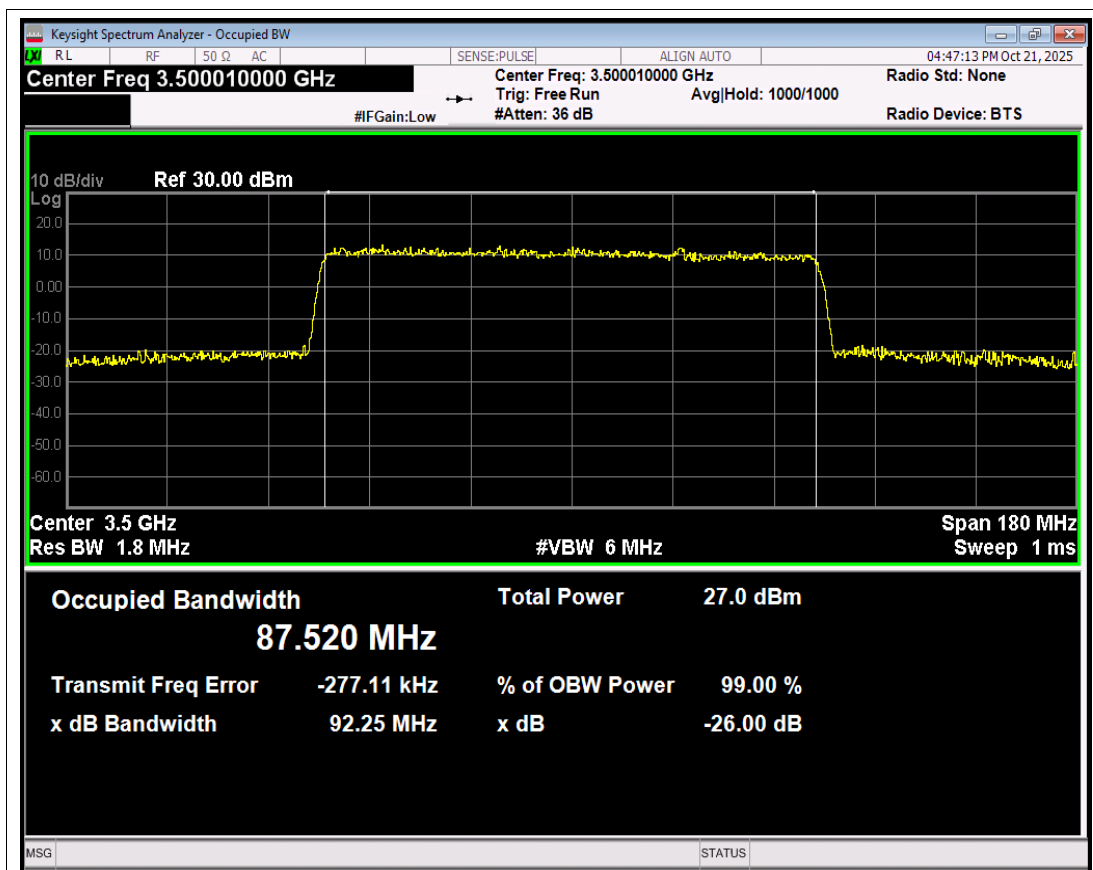
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633334 RB=245@0



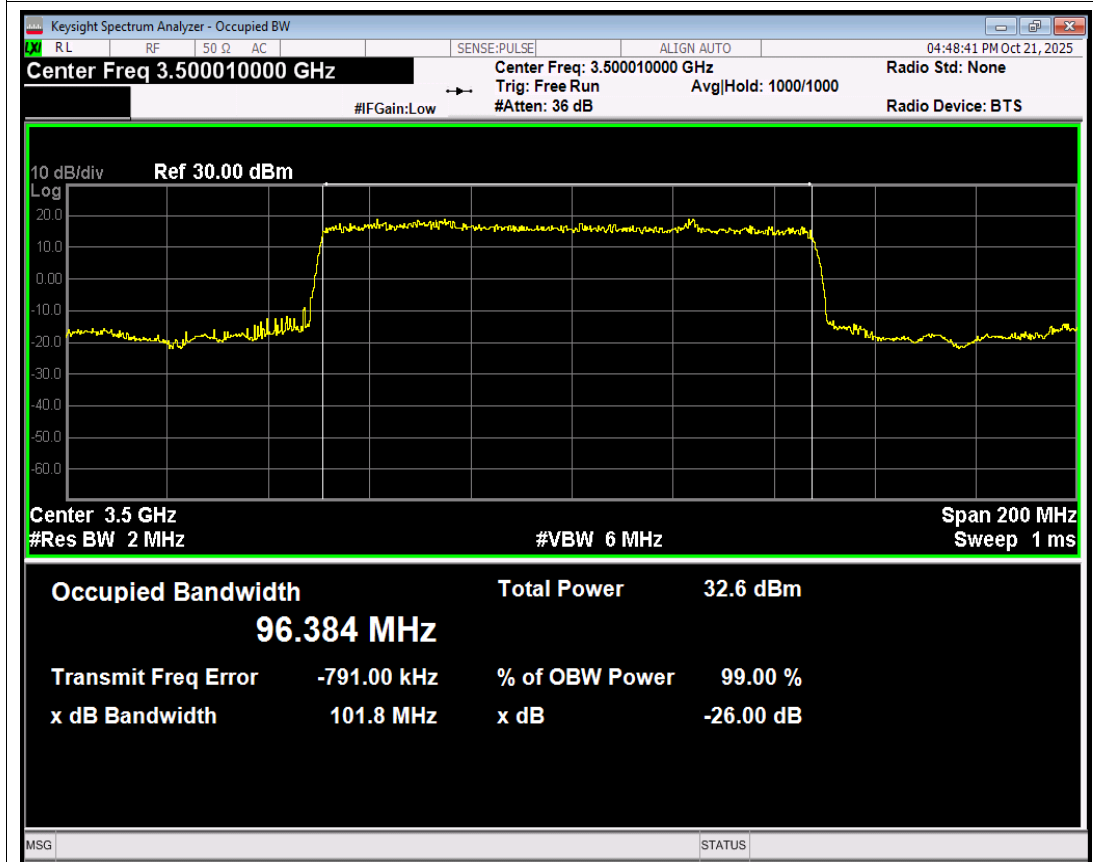
n78(3450-3550) SCS=30kHz CP_16QAM BW=90MHz Channel=633334 RB=245@0



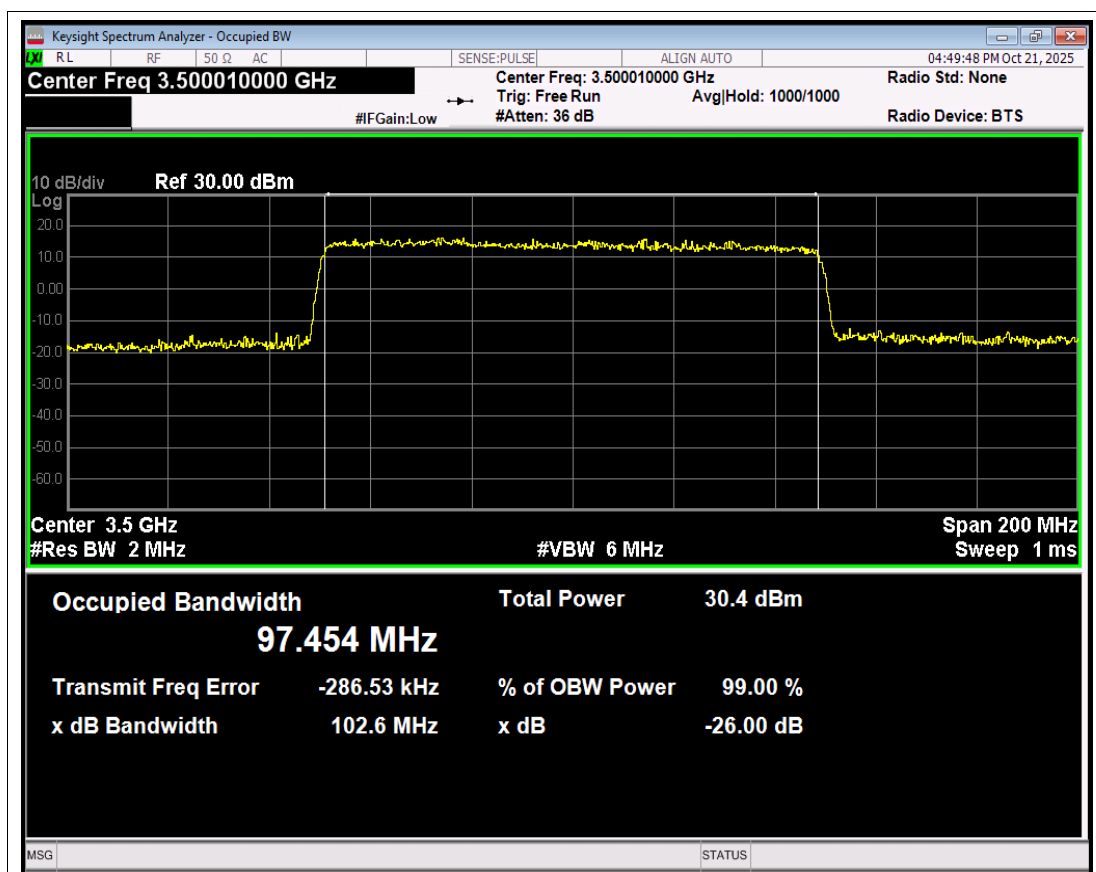
n78(3450-3550) SCS=30kHz CP_64QAM BW=90MHz Channel=633334 RB=245@0



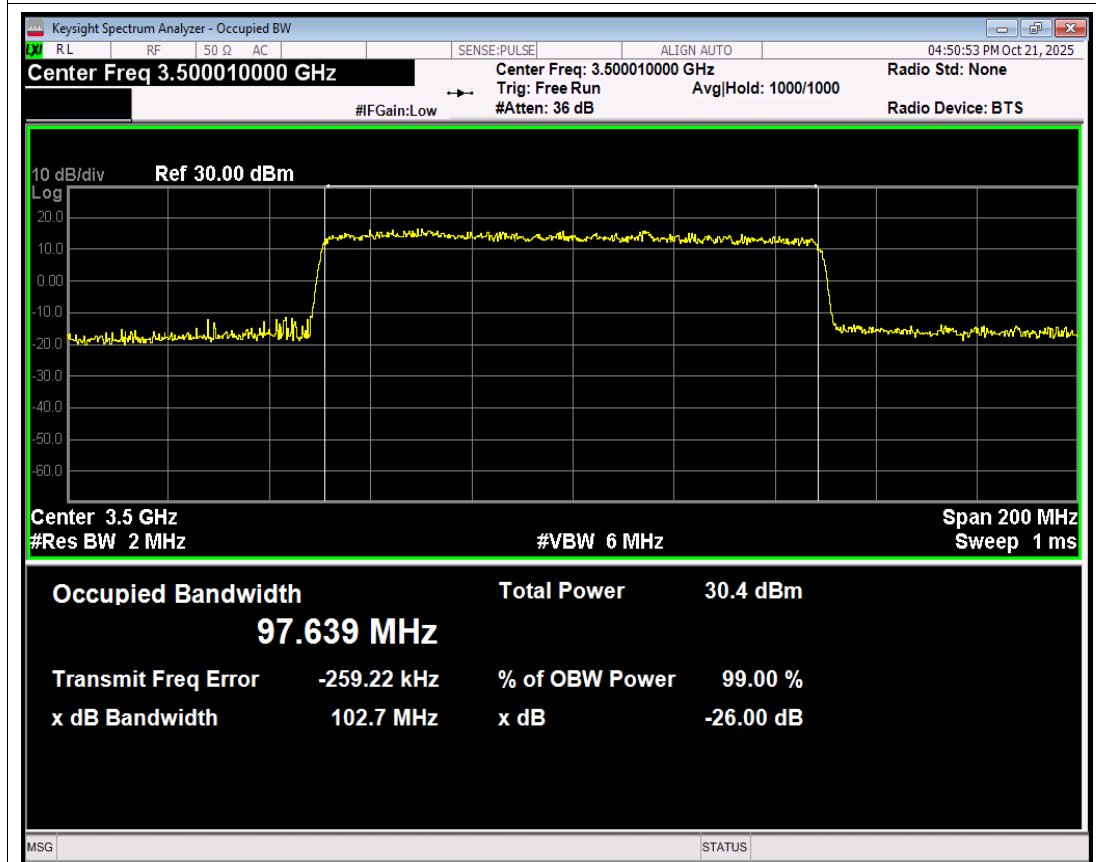
n78(3450-3550) SCS=30kHz CP_256QAM BW=90MHz Channel=633334 RB=245@0



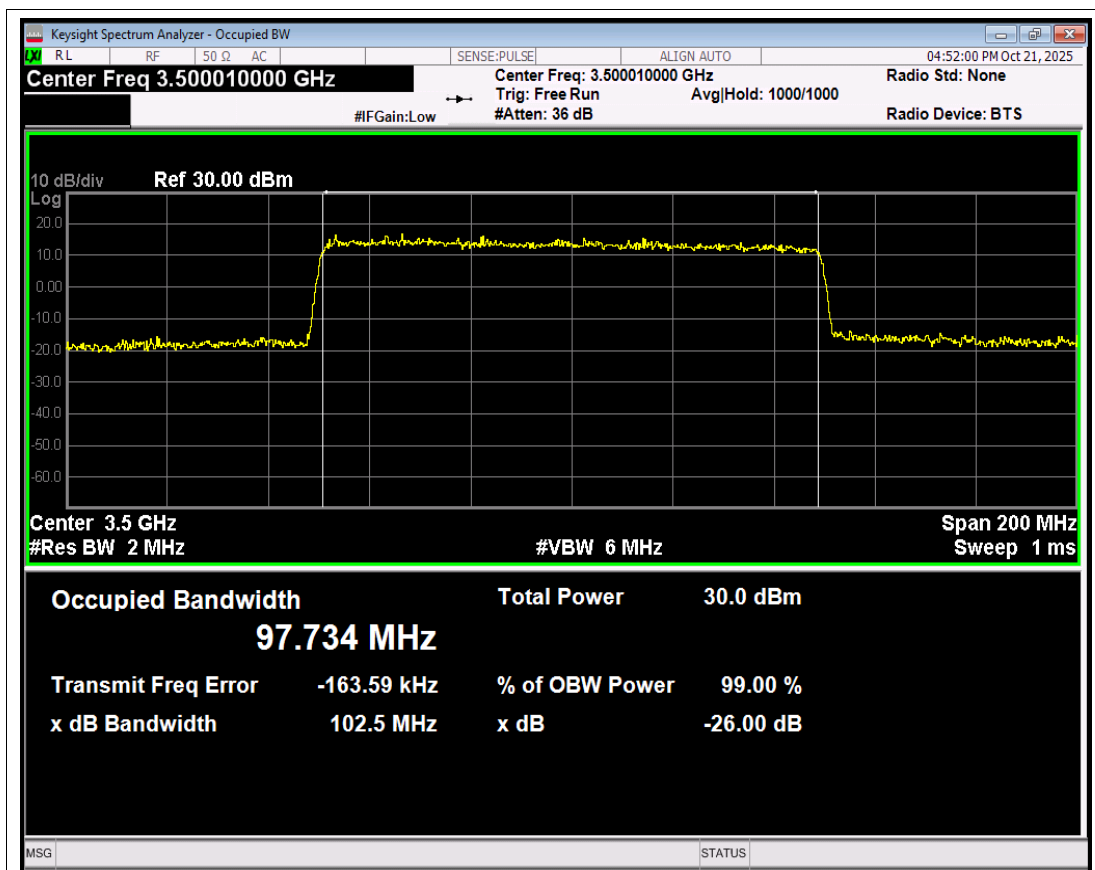
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



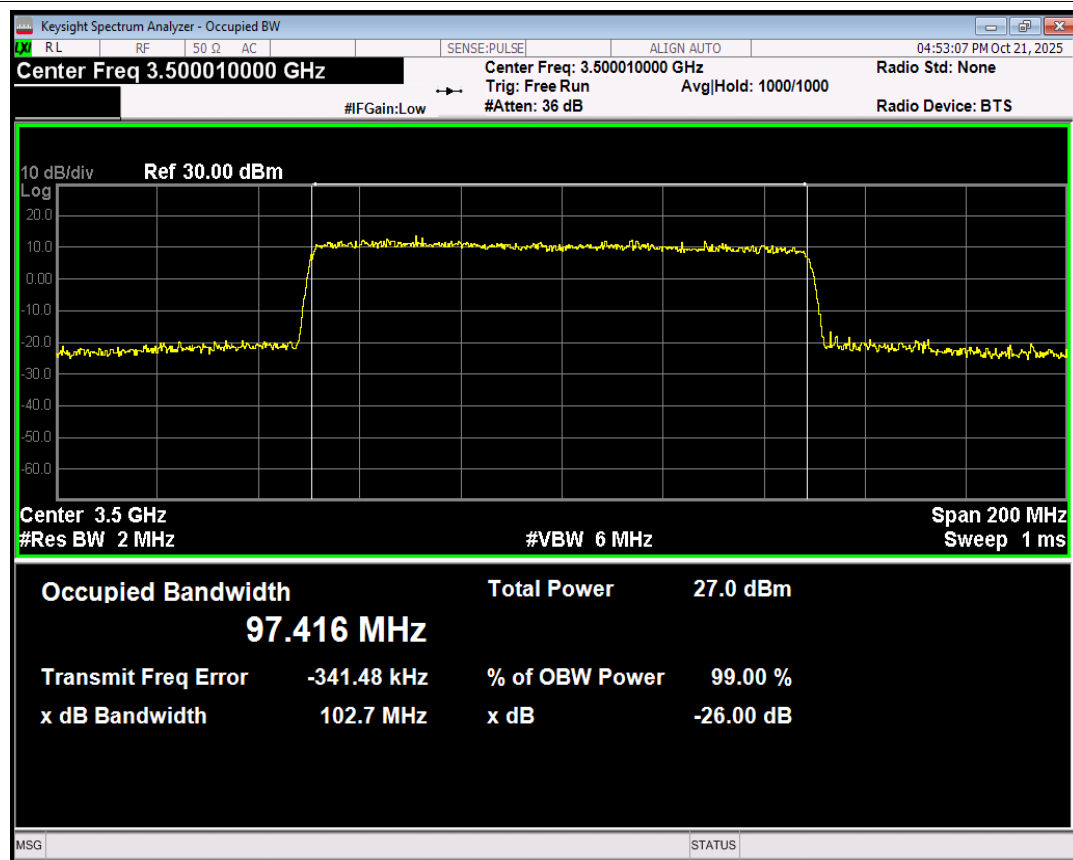
n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



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	3447.23	-32.47	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_QPSK	3449.98	-26.91	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	3448.99	-28.82	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_16QAM	3449.98	-29.95	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	3448.71	-28.64	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_64QAM	3449.97	-27.99	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	3447.89	-31.33	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_256QAM	3448.91	-31.98	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	3448.92	-32.19	-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	3551.22	-25.55	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	3555.01	-24.99	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_QPSK	3550.01	-31.45	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	3555.21	-25.38	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_16QAM	3550.02	-30.57	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	3551.18	-26.28	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_64QAM	3550.02	-30.11	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	3555.13	-28.72	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_256QAM	3551.02	-31.57	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	3551.42	-29.86	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	3551.49	-26.14	-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	3444.70	-32.34	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_QPSK	3449.98	-21.72	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	3448.37	-31.54	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_16QAM	3449.97	-24.86	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	3444.74	-33.02	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_64QAM	3449.96	-22.07	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	3447.52	-32.73	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_256QAM	3450.00	-27.86	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	3449.98	-34.66	-13	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	3448.34	-29.23	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_BPSK	3550.05	-22.86	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	3555.38	-27.09	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_QPSK	3550.00	-25.00	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	3555.18	-27.62	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_16QAM	3550.02	-25.19	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	3552.24	-27.87	-13	PASS

n78(3450-3550)	30	15	636166	1@37	DFT_64QAM	3550.06	-24.47	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	3555.20	-28.95	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_256QAM	3550.01	-25.58	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	3551.28	-32.02	-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	-21.17	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	3448.12	-33.65	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	3449.96	-23.18	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	3444.69	-31.67	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_16QAM	3449.95	-22.86	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	3448.38	-32.44	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_64QAM	3449.90	-25.51	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	3442.04	-34.87	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_256QAM	3449.94	-26.05	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	3444.63	-36.01	-13	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	3443.44	-30.98	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_BPSK	3550.02	-23.28	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	3558.03	-28.04	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	3550.03	-22.21	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	3555.72	-27.59	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_16QAM	3550.02	-23.94	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	3555.08	-26.89	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_64QAM	3550.00	-26.43	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	3553.68	-29.08	-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	3551.28	-32.61	-13	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	3551.16	-27.86	-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	3448.47	-32.84	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_QPSK	3449.98	-24.33	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	3446.61	-36.18	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_16QAM	3449.97	-23.89	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	3448.36	-35.11	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_64QAM	3450.00	-26.05	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	3448.78	-36.61	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_256QAM	3449.97	-25.12	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	3443.39	-38.51	-13	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	3443.15	-34.61	-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	3565.92	-29.58	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_QPSK	3550.05	-25.34	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	3555.07	-29.42	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_16QAM	3550.06	-26.27	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	3557.10	-30.08	-13	PASS

n78(3450-3550)	30	40	635332	1@105	DFT_64QAM	3550.10	-26.59	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	3552.13	-31.79	-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	3556.79	-33.46	-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	3447.18	-34.79	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_QPSK	3449.96	-20.43	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	3444.91	-35.16	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_16QAM	3449.91	-24.22	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	3445.31	-35.38	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_64QAM	3449.91	-24.18	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	3448.76	-35.06	-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	3445.10	-37.01	-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	3550.06	-22.54	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	3552.60	-27.56	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_QPSK	3550.03	-24.11	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	3553.75	-27.14	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_16QAM	3550.06	-23.18	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	3555.54	-31.10	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_64QAM	3550.02	-24.60	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	3552.42	-30.76	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_256QAM	3550.13	-25.25	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	3555.32	-34.01	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	3557.84	-30.20	-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	3448.46	-35.04	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_QPSK	3450.00	-23.34	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	3448.64	-33.53	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_16QAM	3449.99	-21.59	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	3446.21	-35.00	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_64QAM	3449.97	-24.04	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	3448.92	-35.35	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_256QAM	3449.96	-26.40	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	3448.24	-37.37	-13	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	3443.13	-35.05	-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	3551.77	-29.64	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_QPSK	3550.01	-20.94	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	3552.41	-31.20	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_16QAM	3550.00	-22.34	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	3552.20	-31.67	-13	PASS

n78(3450-3550)	30	60	634666	1@161	DFT_64QAM	3550.01	-25.82	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	3551.17	-32.12	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_256QAM	3550.00	-27.42	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	3551.72	-35.77	-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	3447.17	-34.01	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_QPSK	3449.95	-19.90	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	3443.44	-34.93	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_16QAM	3449.92	-23.60	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	3445.51	-35.95	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_64QAM	3449.99	-22.67	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	3434.79	-35.70	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_256QAM	3449.96	-28.28	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	3437.00	-37.94	-13	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	3434.79	-36.34	-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	3552.47	-31.73	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_QPSK	3550.04	-24.27	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	3551.81	-31.83	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_16QAM	3550.03	-22.06	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	3552.43	-33.78	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_64QAM	3550.11	-25.83	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	3562.54	-34.96	-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	3560.27	-38.50	-13	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	3559.29	-32.46	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_BPSK	3449.99	-23.77	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	3437.80	-34.02	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_QPSK	3449.93	-23.61	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	3437.13	-33.68	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_16QAM	3449.98	-24.16	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	3437.05	-34.18	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_64QAM	3449.96	-24.71	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	3434.27	-34.86	-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	3431.27	-36.86	-13	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	3431.80	-35.89	-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	3568.35	-32.45	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_QPSK	3550.02	-22.30	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	3568.88	-31.93	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_16QAM	3550.01	-23.25	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	3569.02	-34.16	-13	PASS