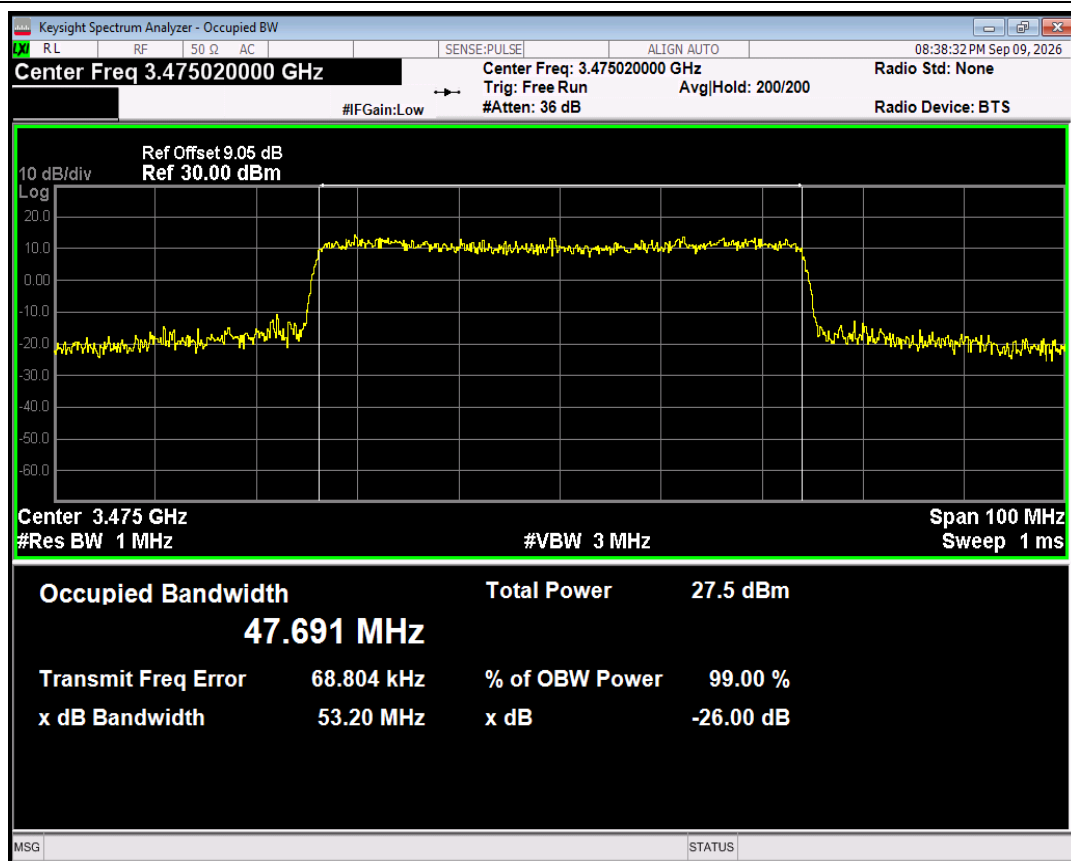
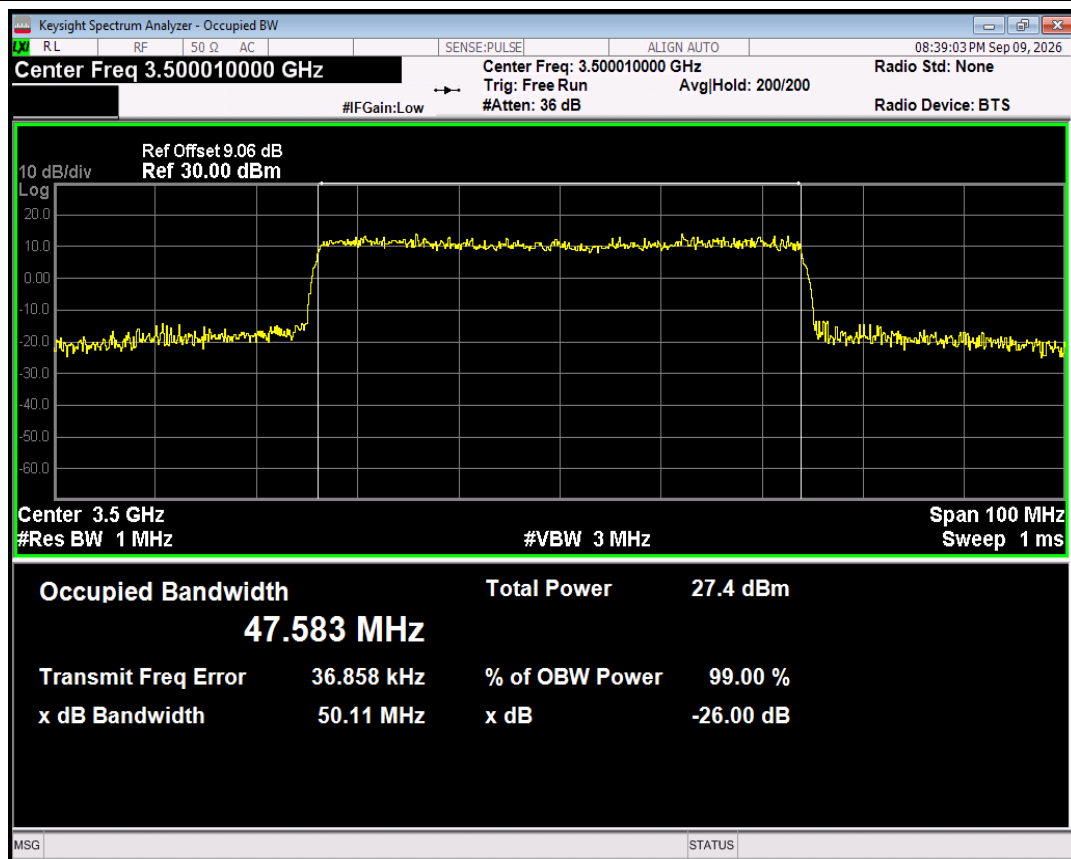
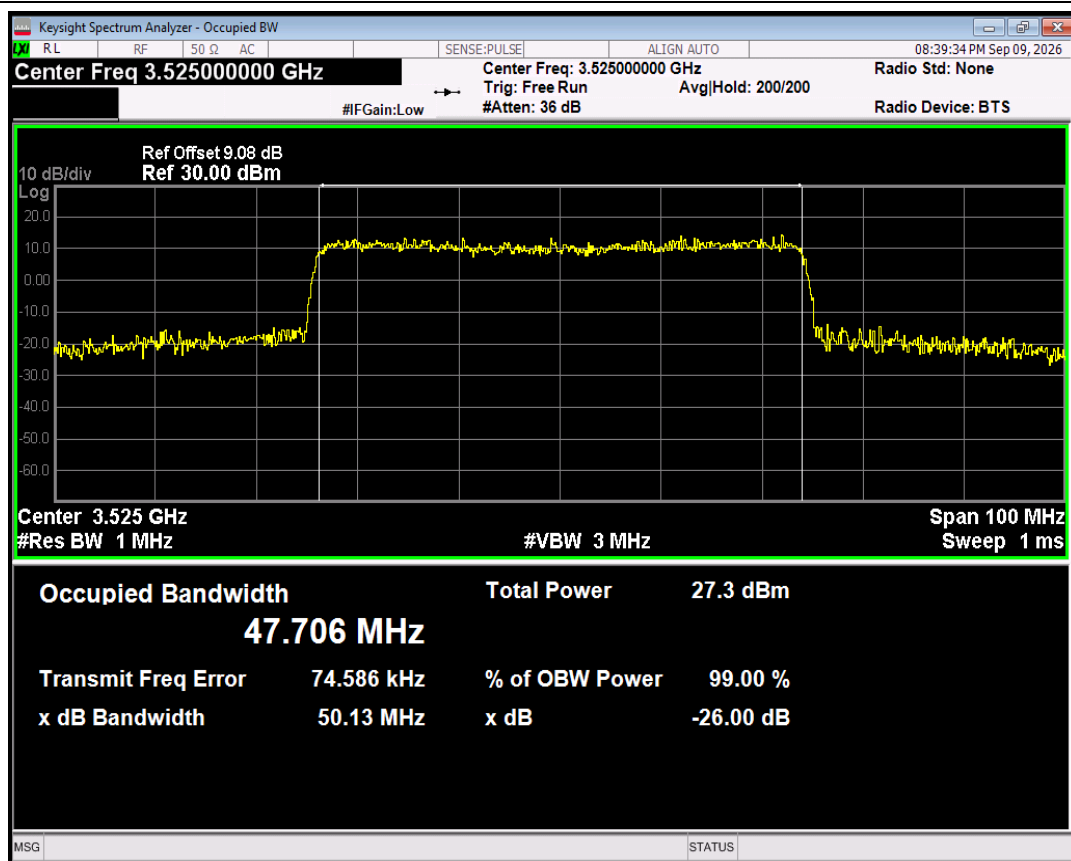




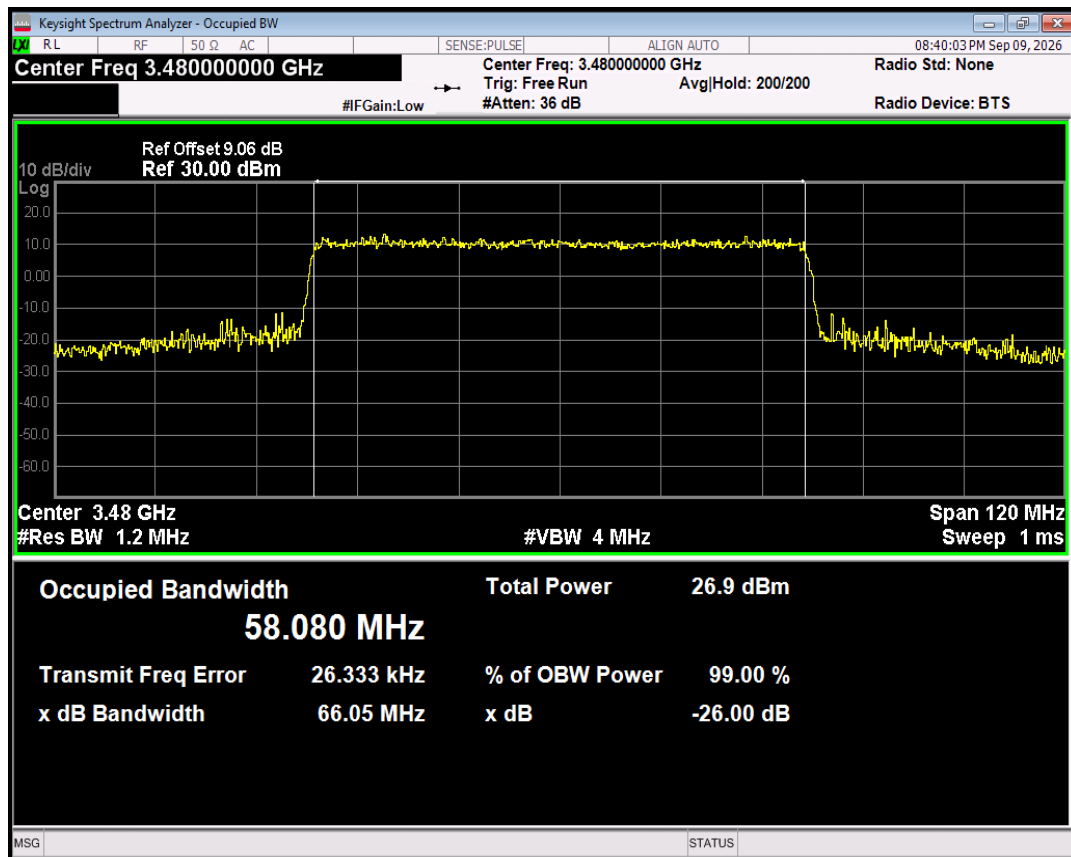
n78(3450-3550) SCS=30kHz CP_256QAM BW=50MHz Channel=631668 RB=133@0



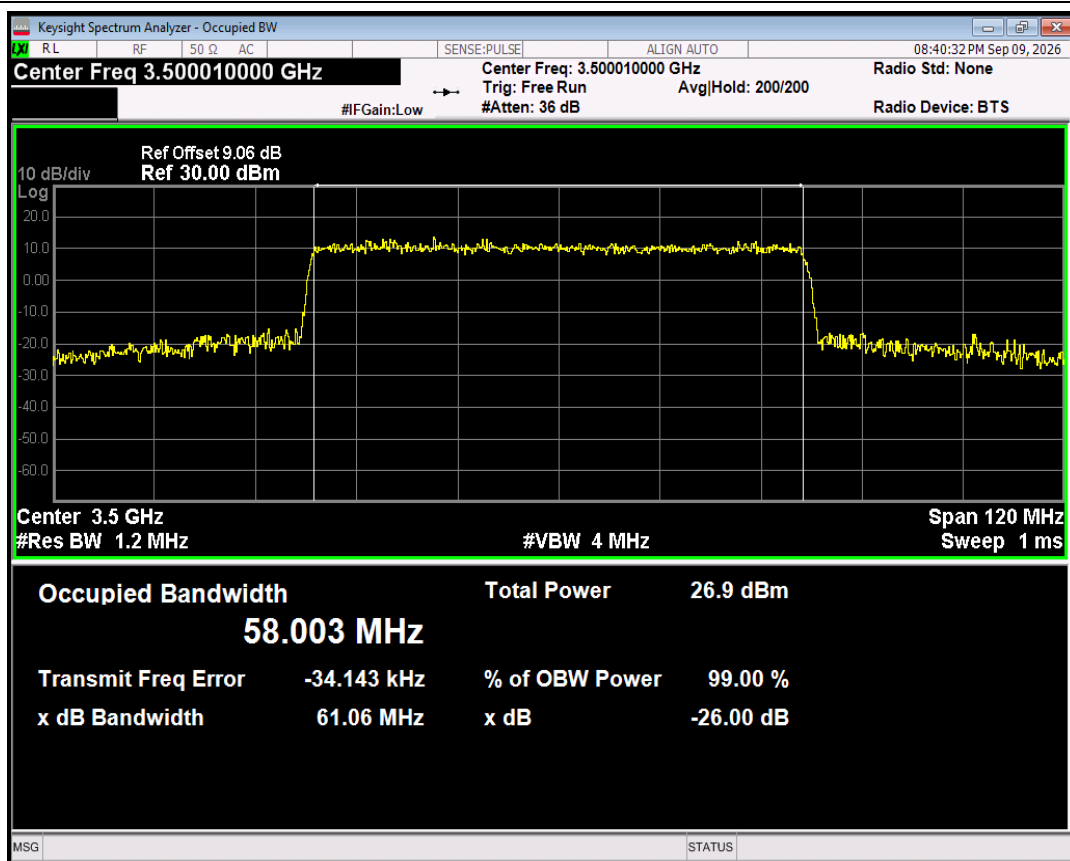
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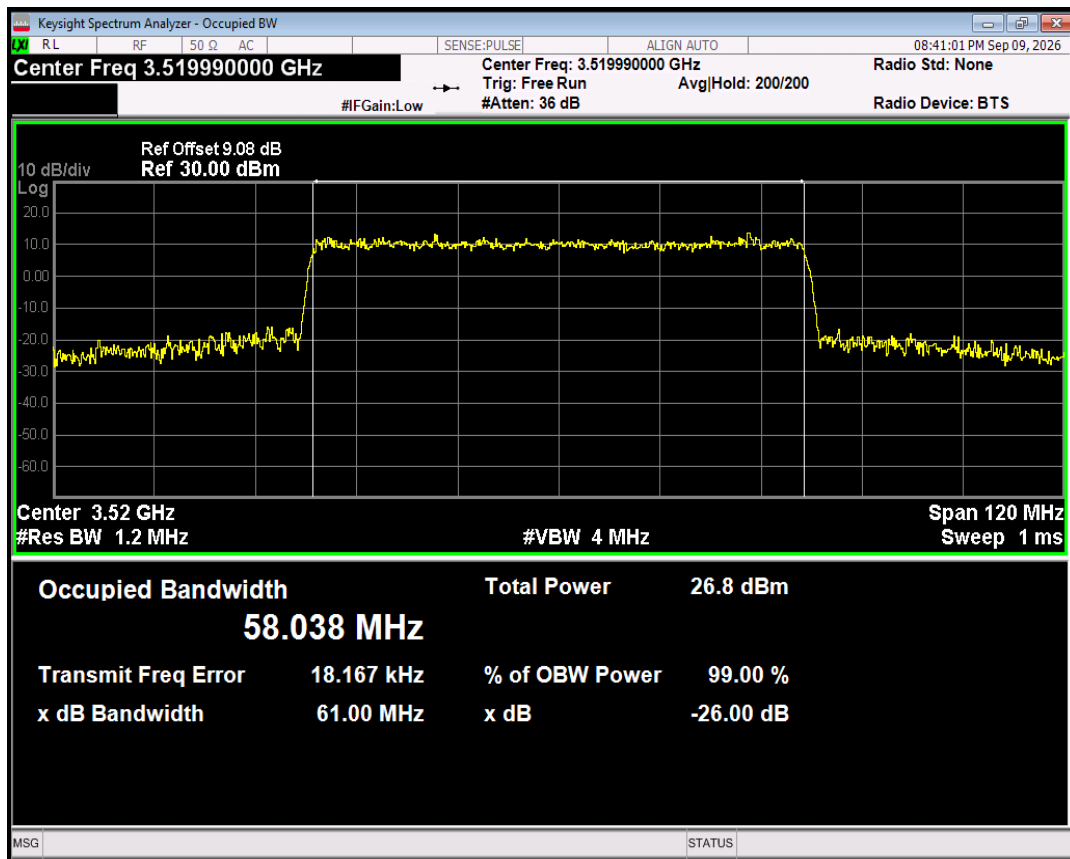
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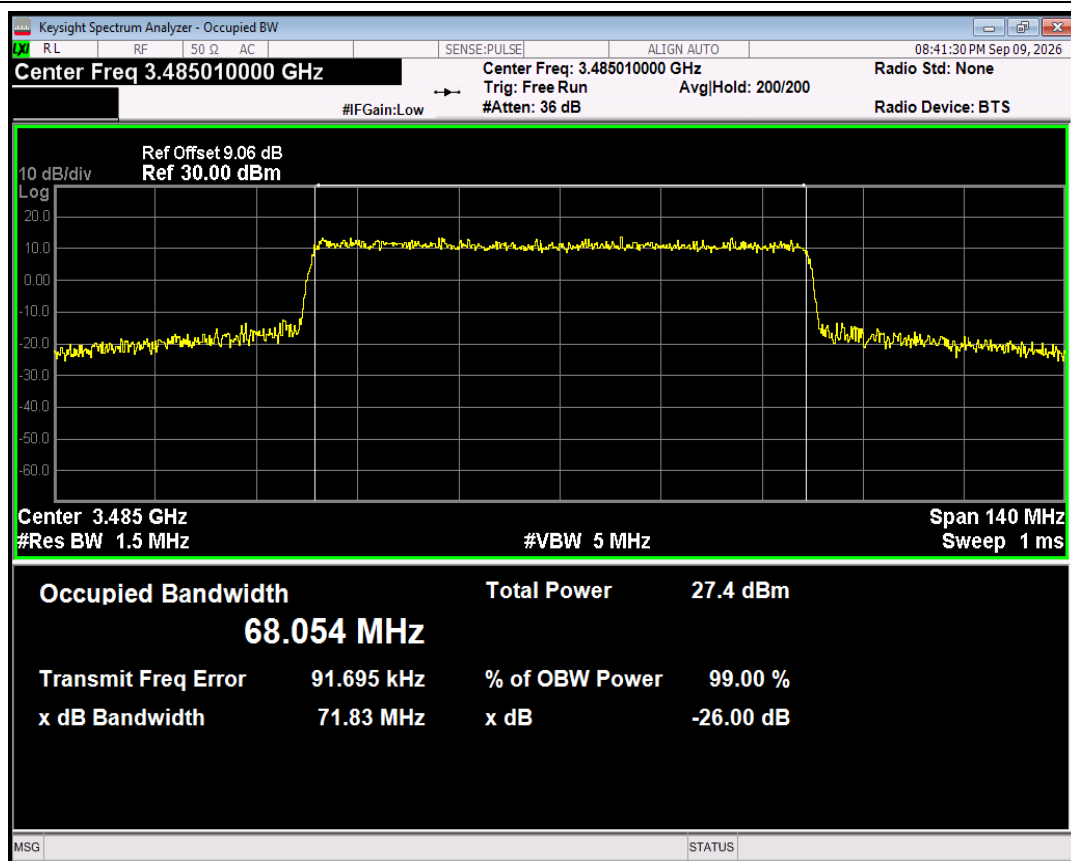
n78(3450-3550) SCS=30kHz CP_256QAM BW=60MHz Channel=632000 RB=162@0



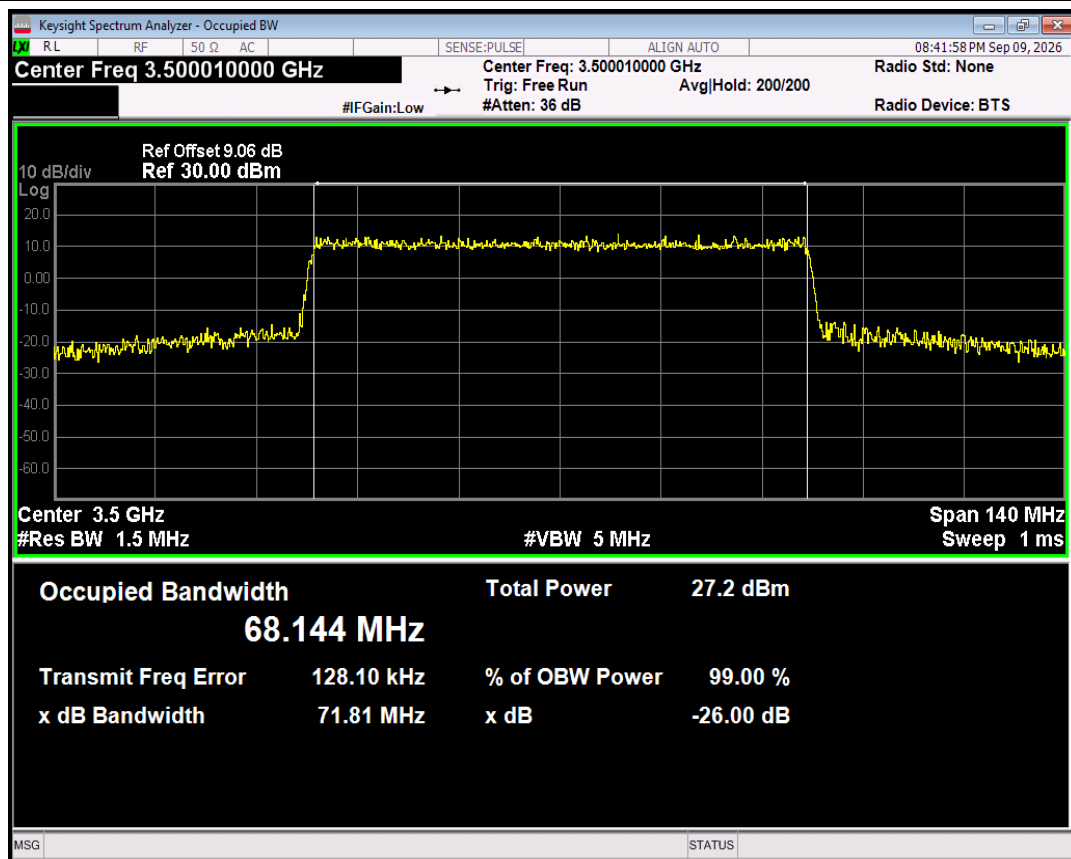
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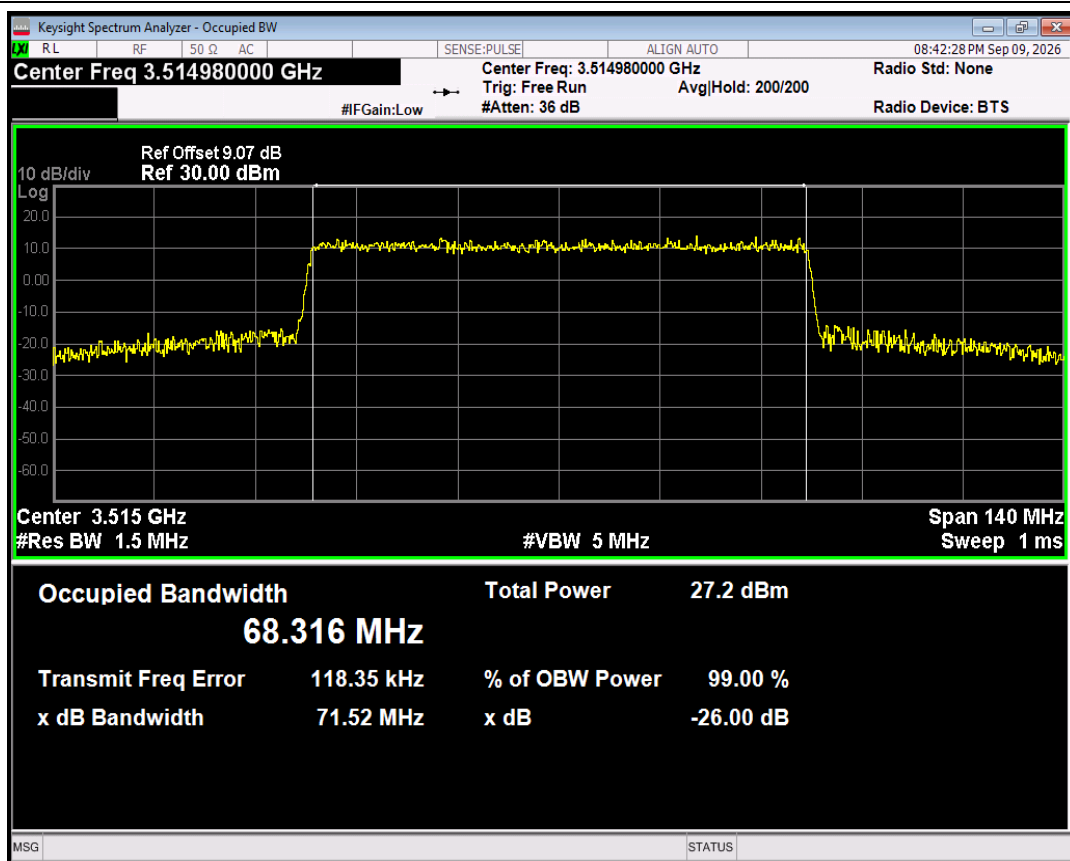
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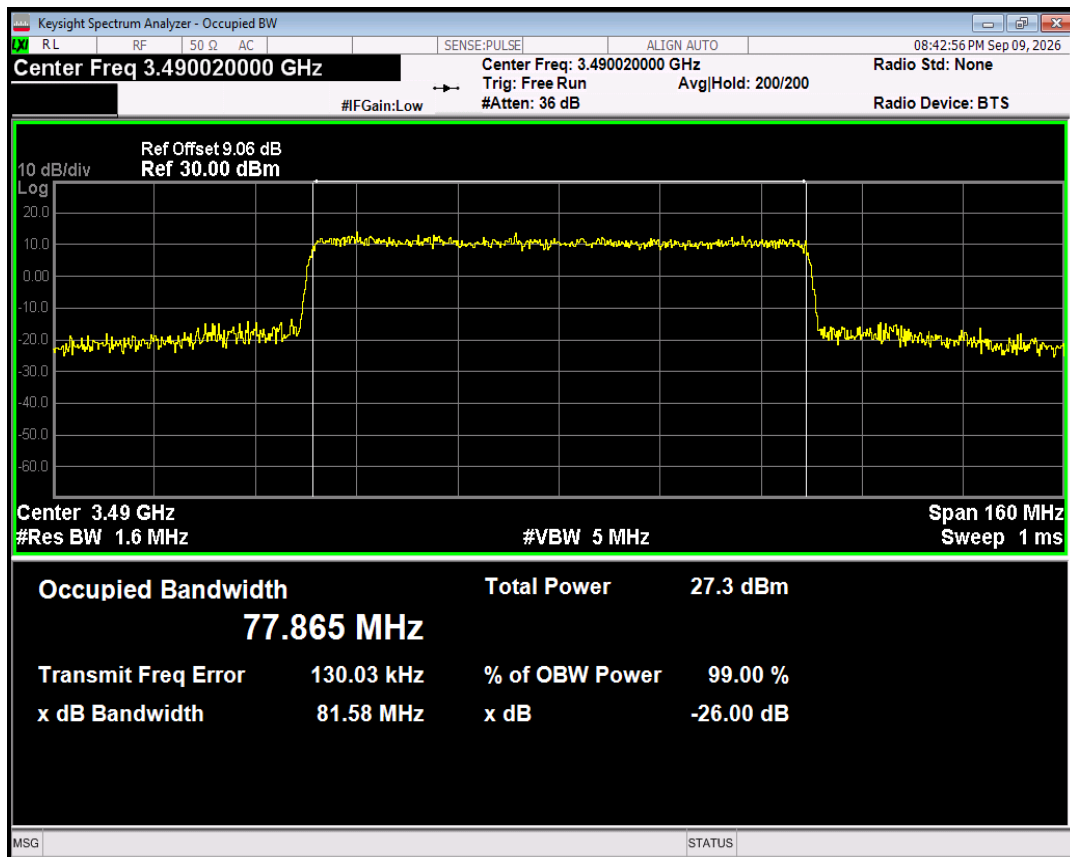
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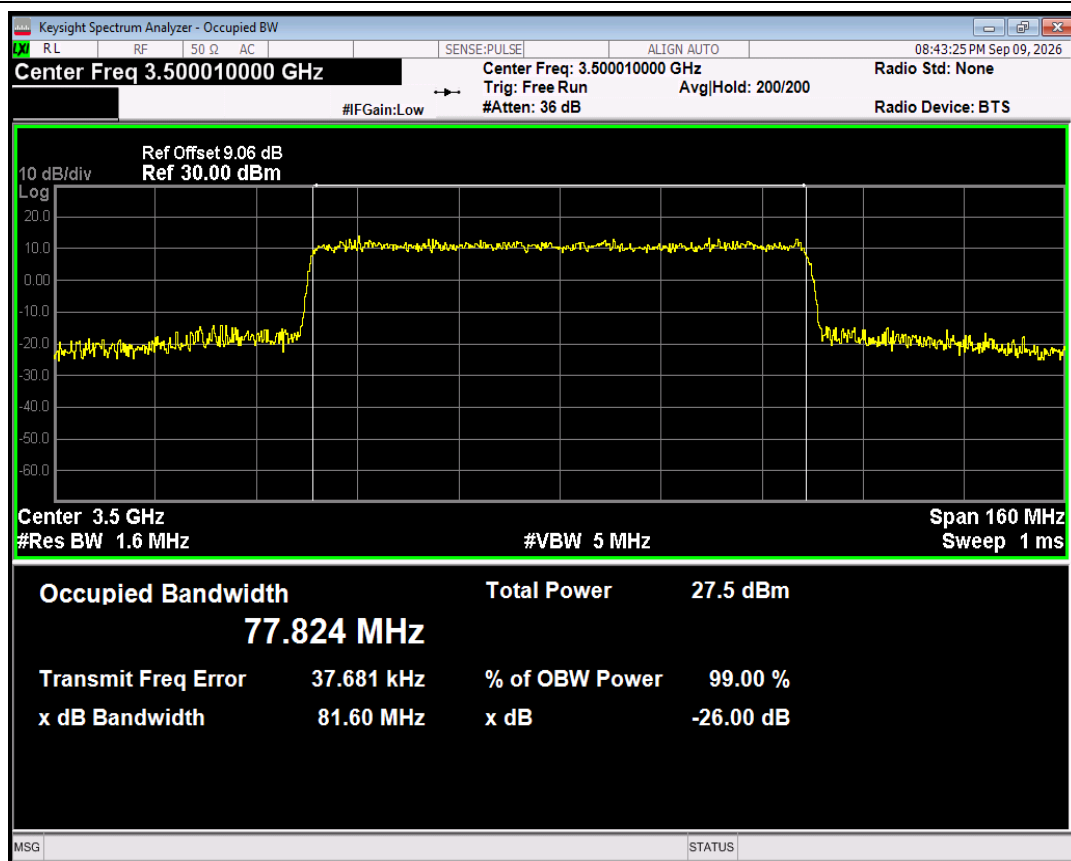
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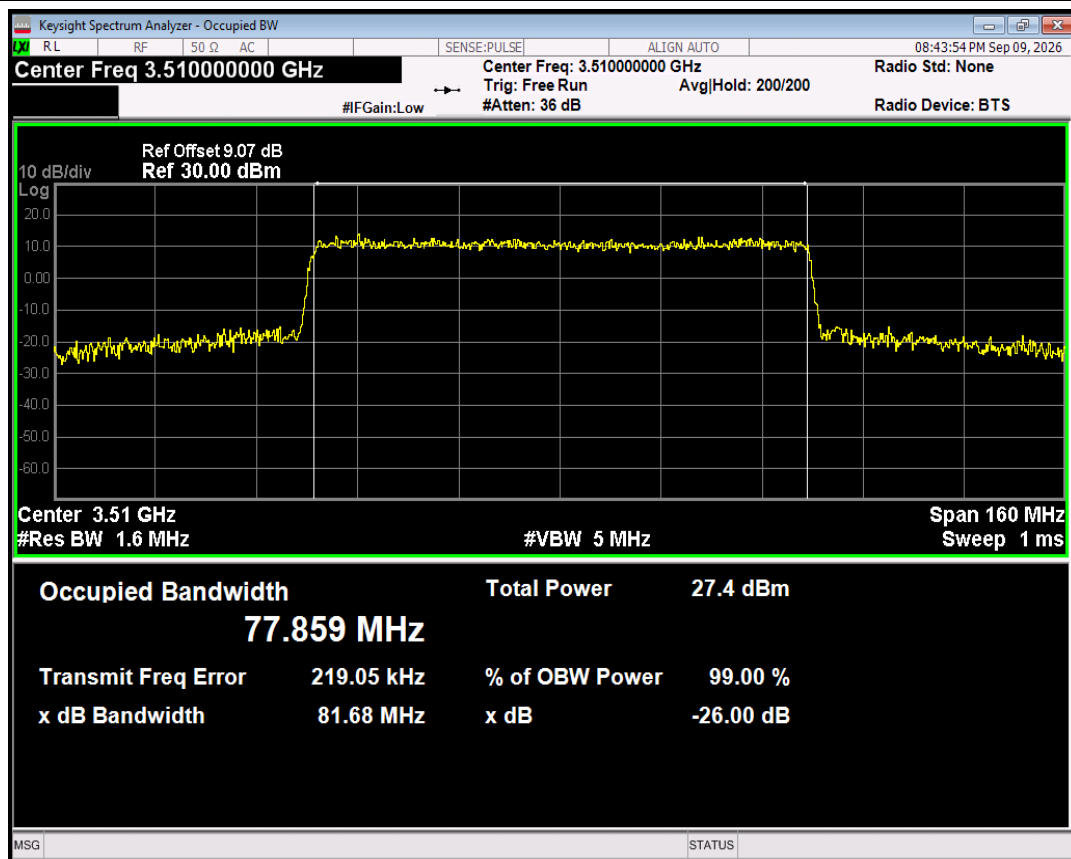
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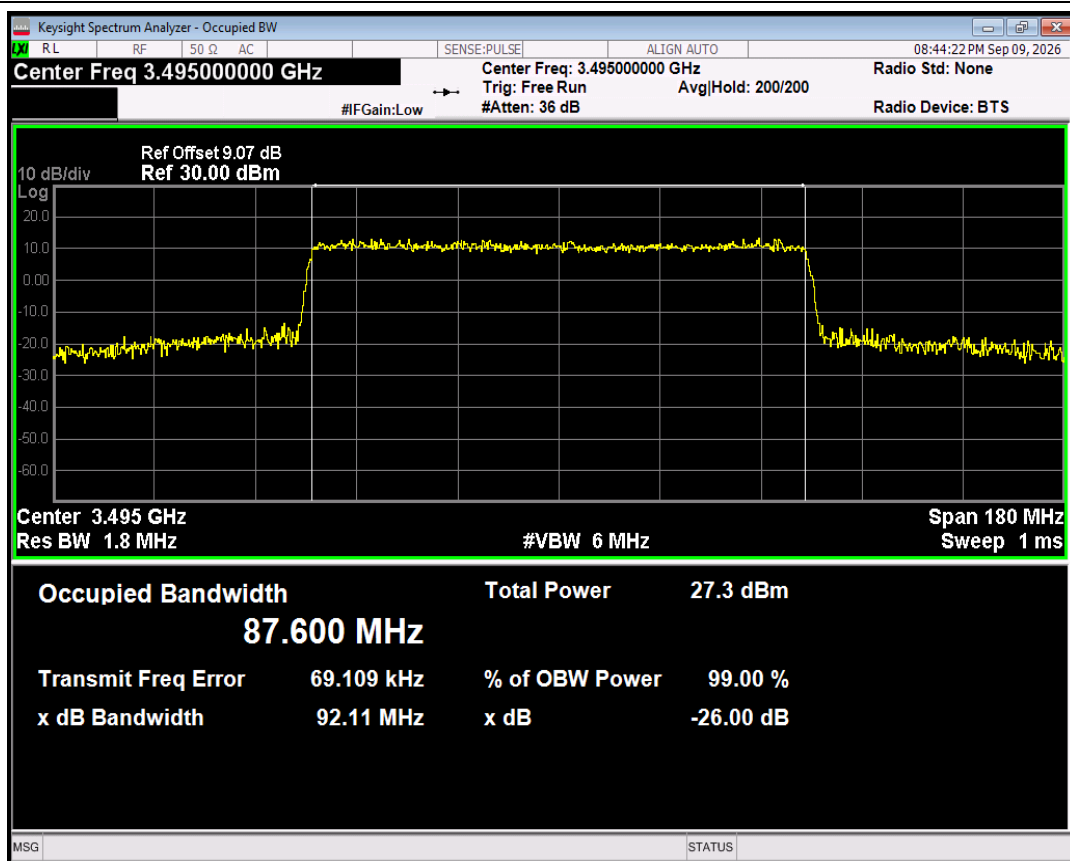
n78(3450-3550) SCS=30kHz CP_256QAM BW=80MHz Channel=632668 RB=217@0



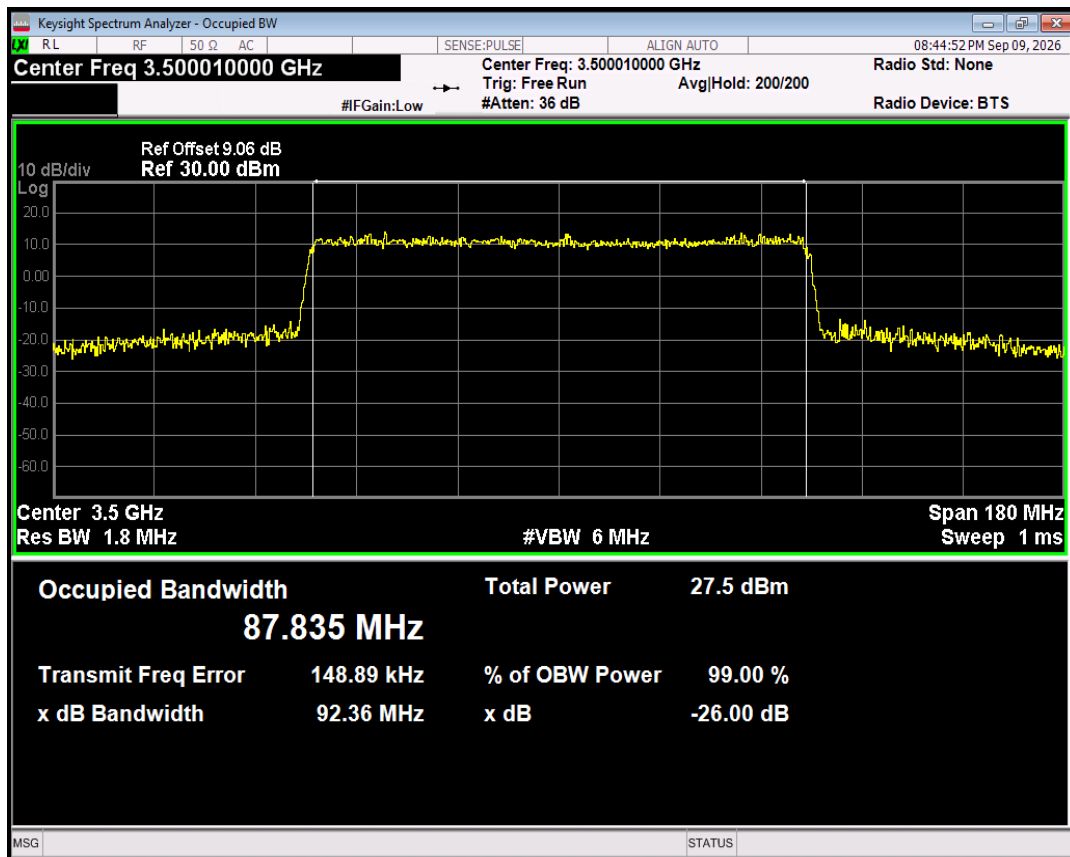
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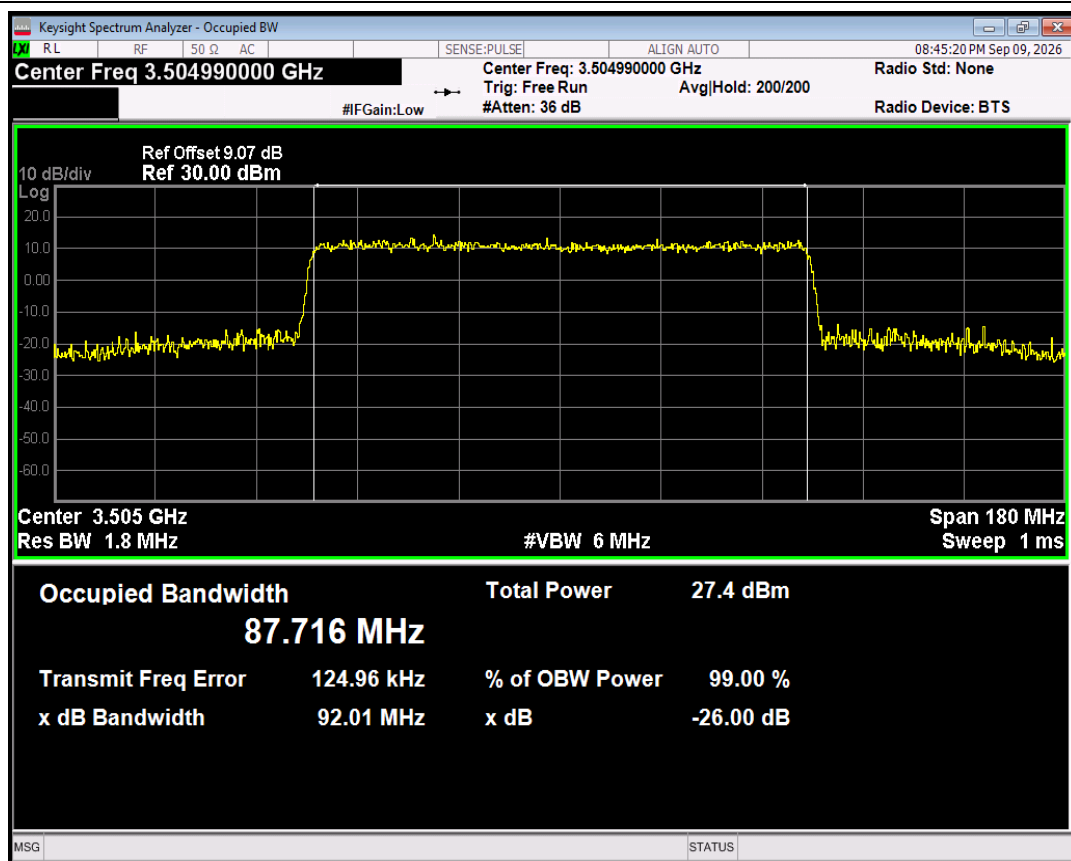
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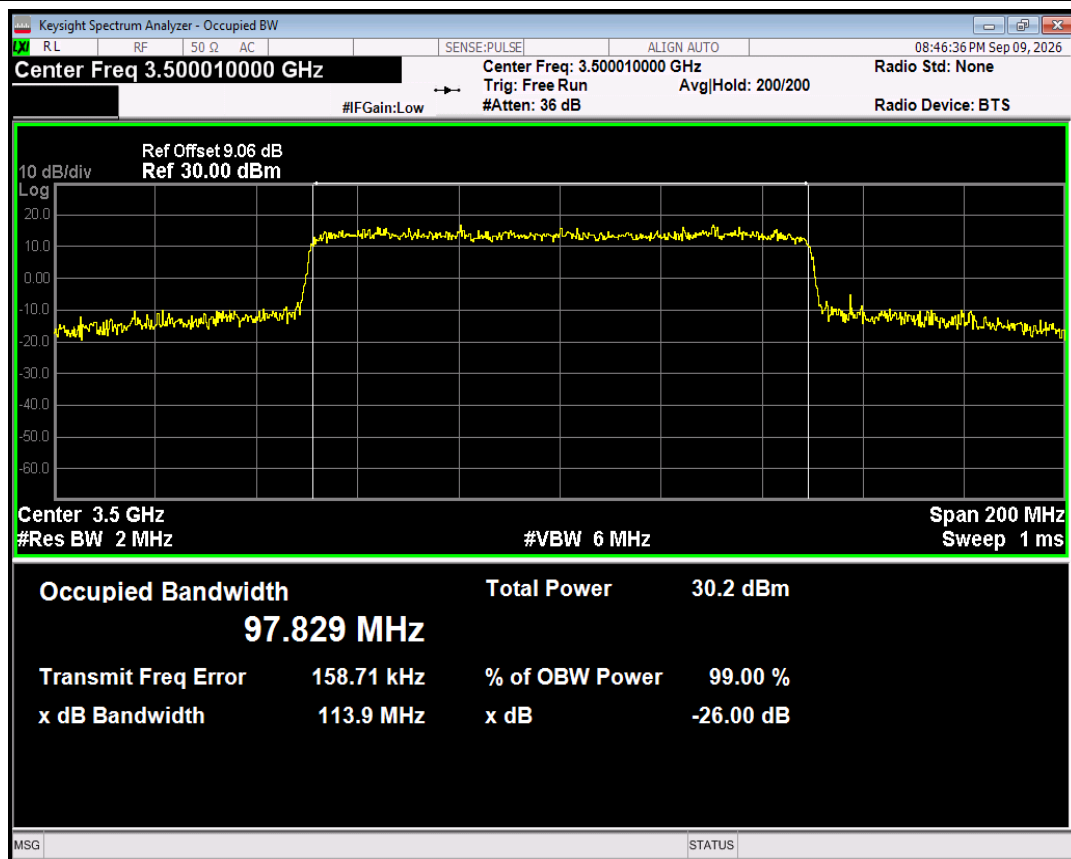
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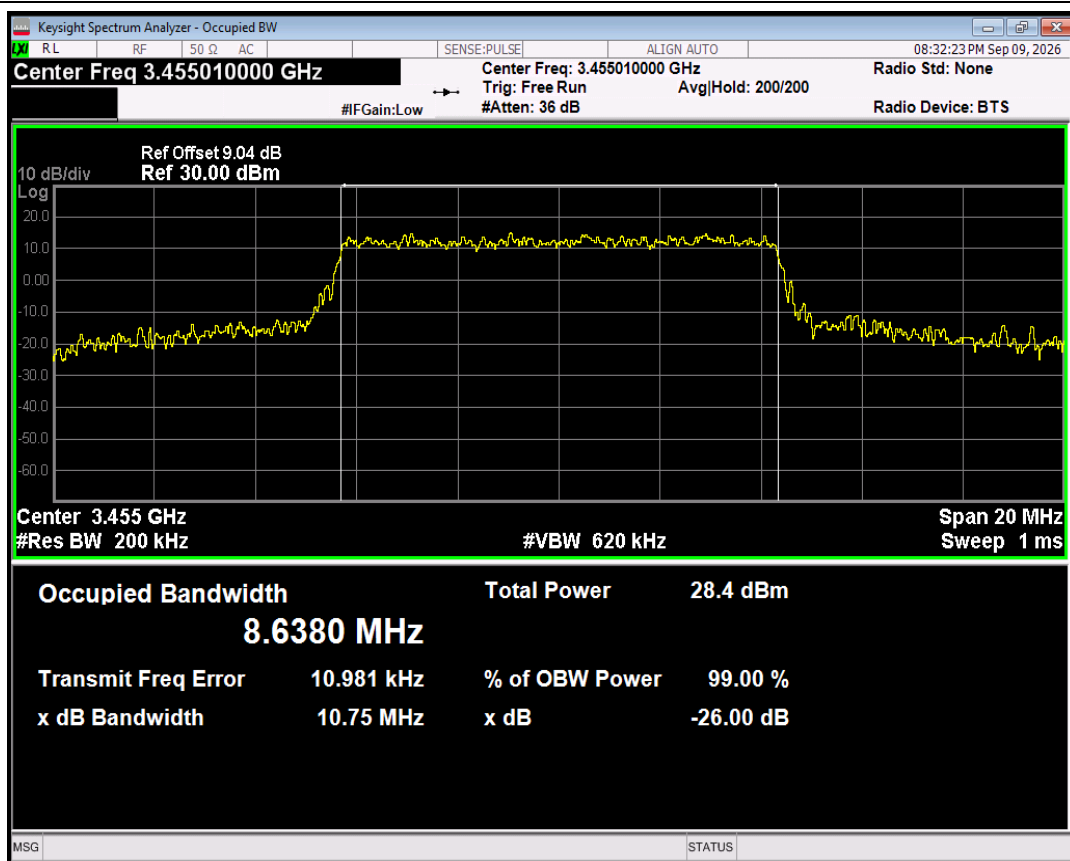
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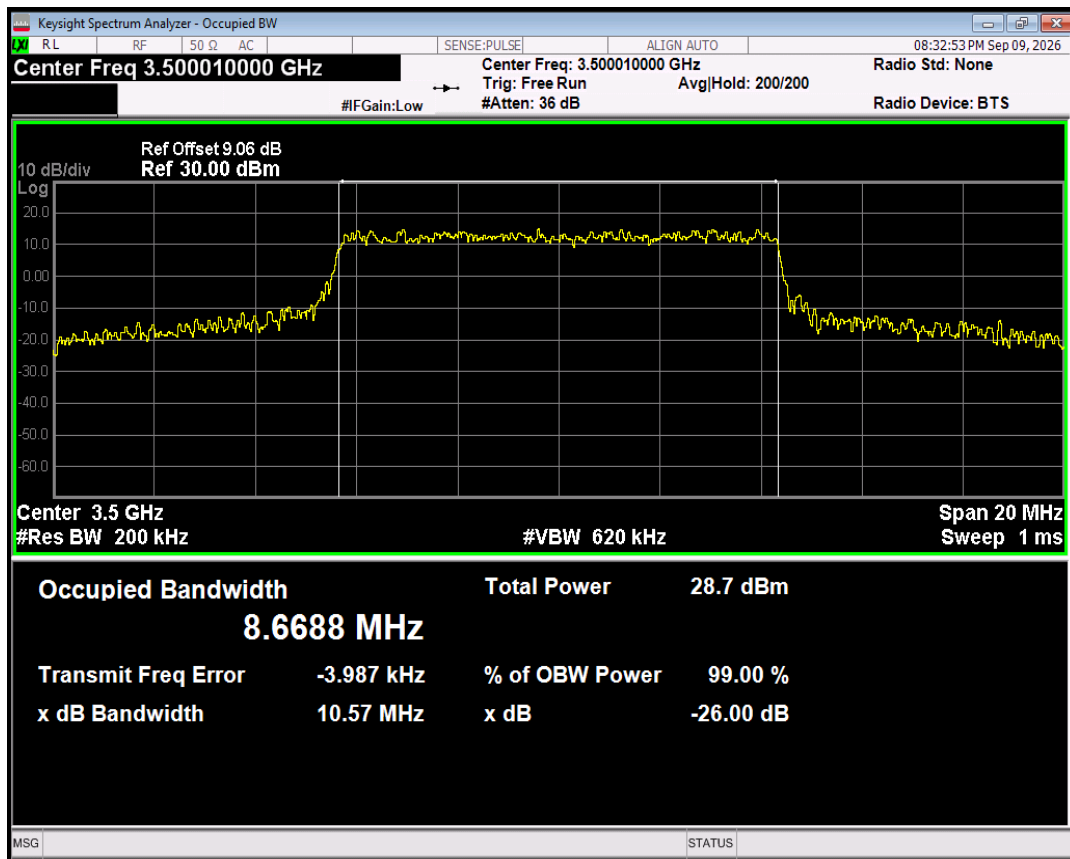
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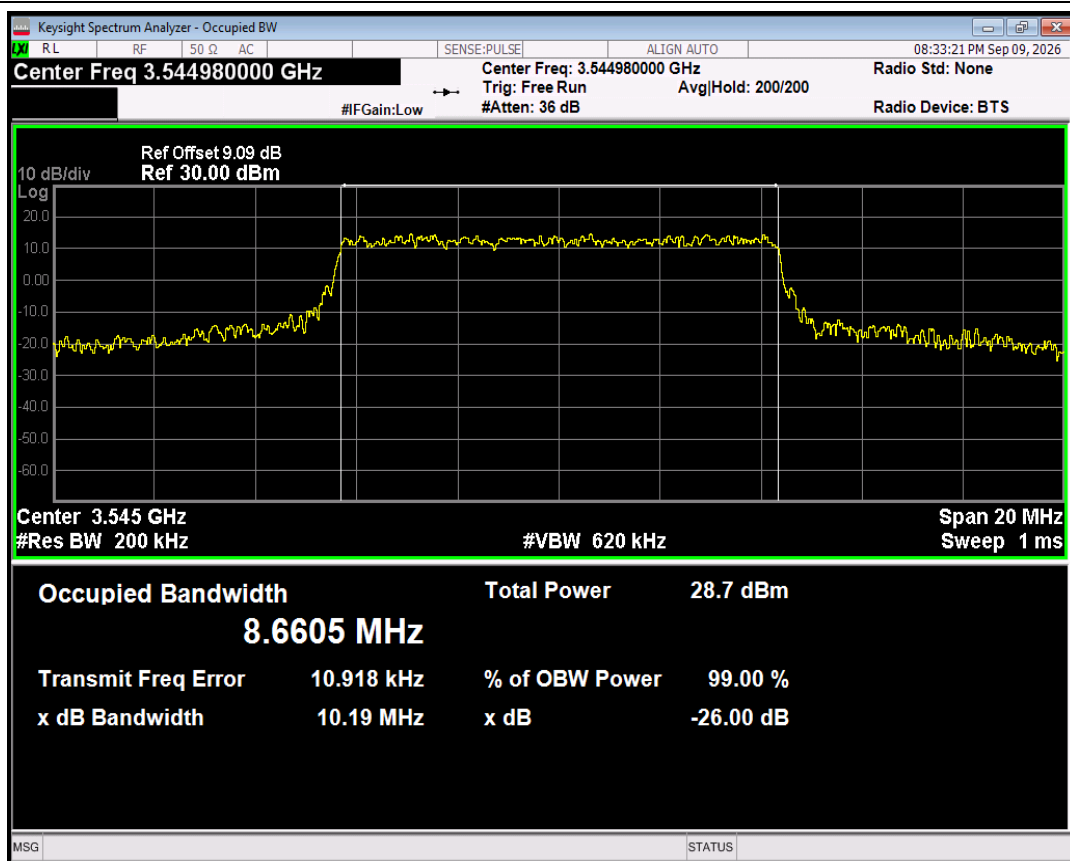
n78(3450-3550) SCS=30kHz CP_64QAM BW=100MHz Channel=633334 RB=273@0



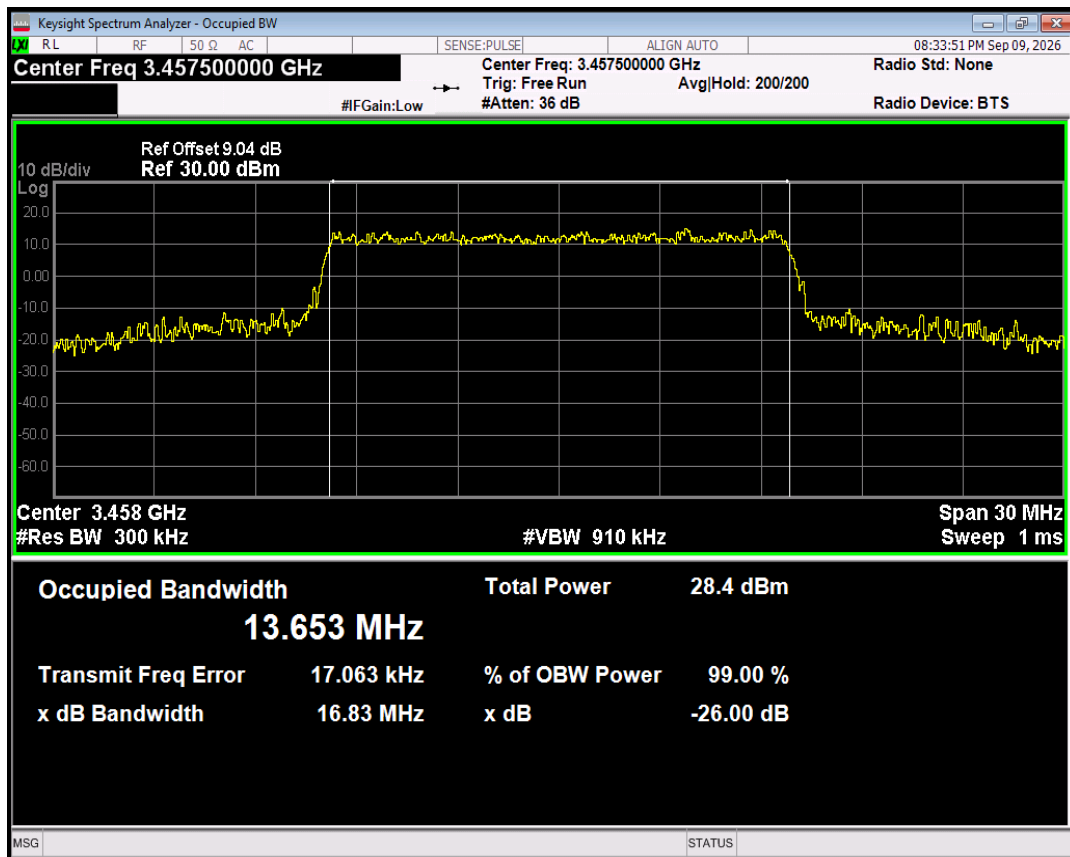
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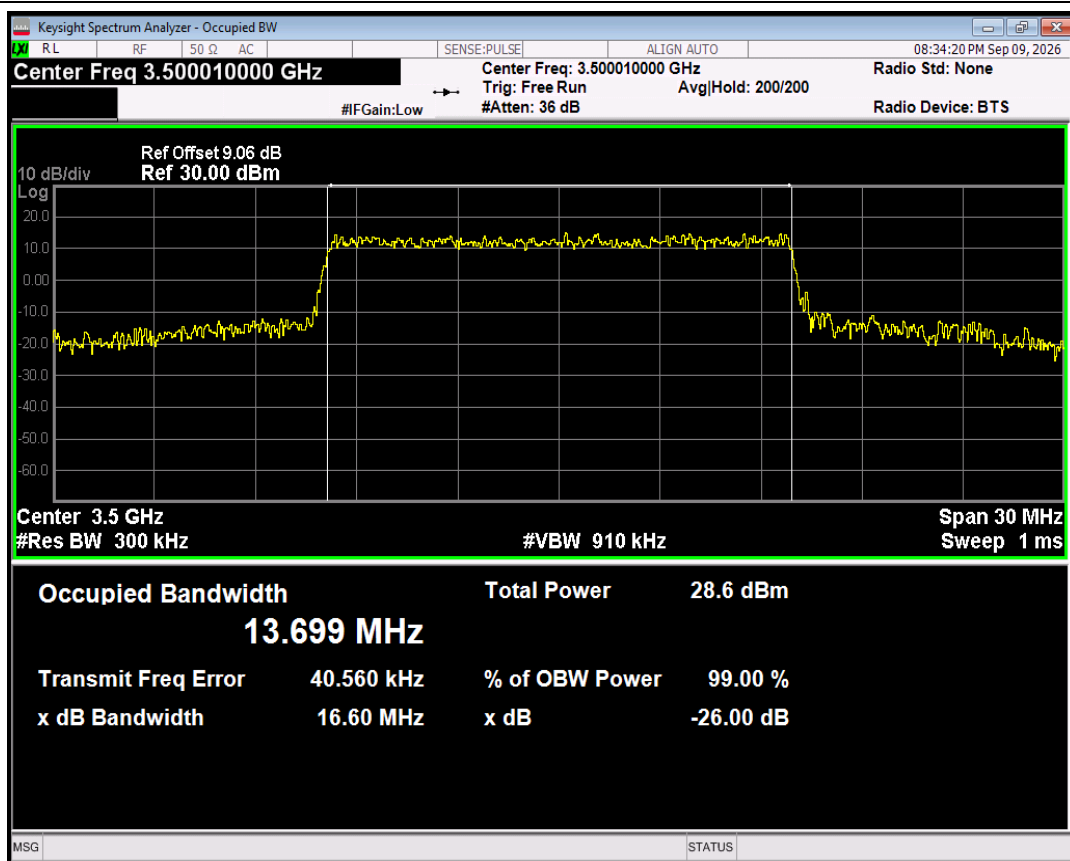
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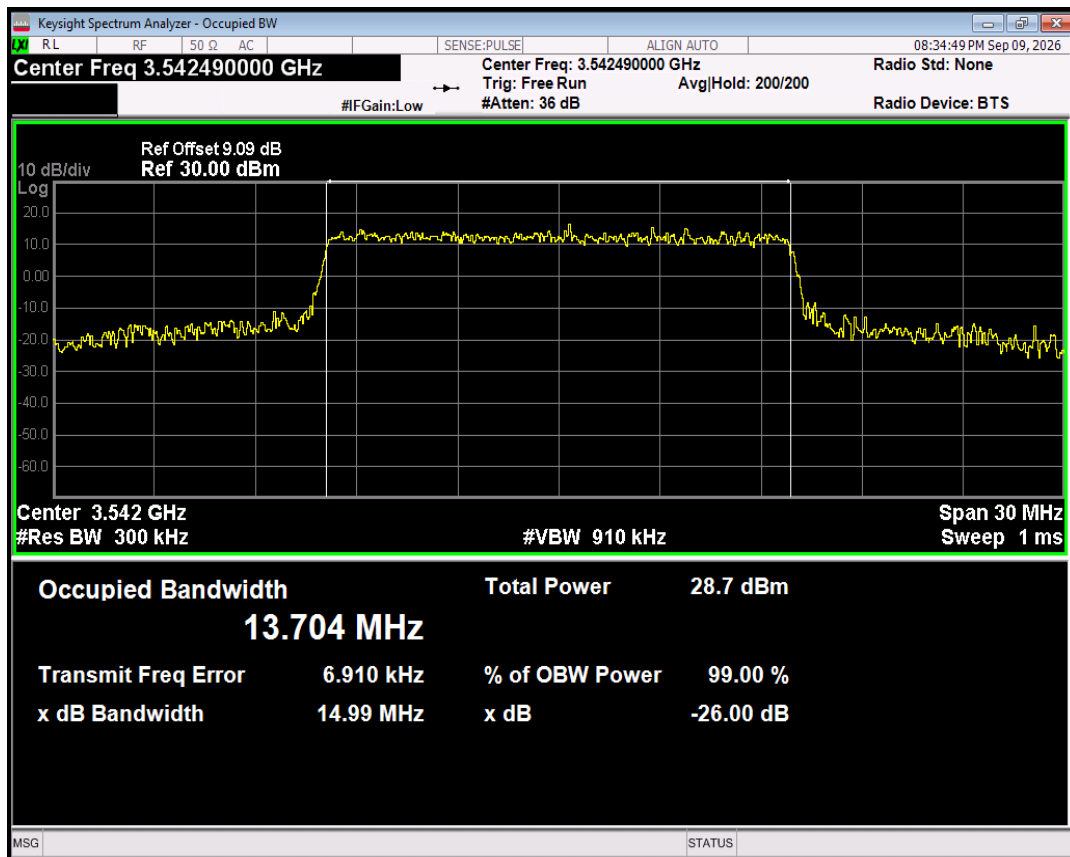
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz Channel=636332 RB=24@0



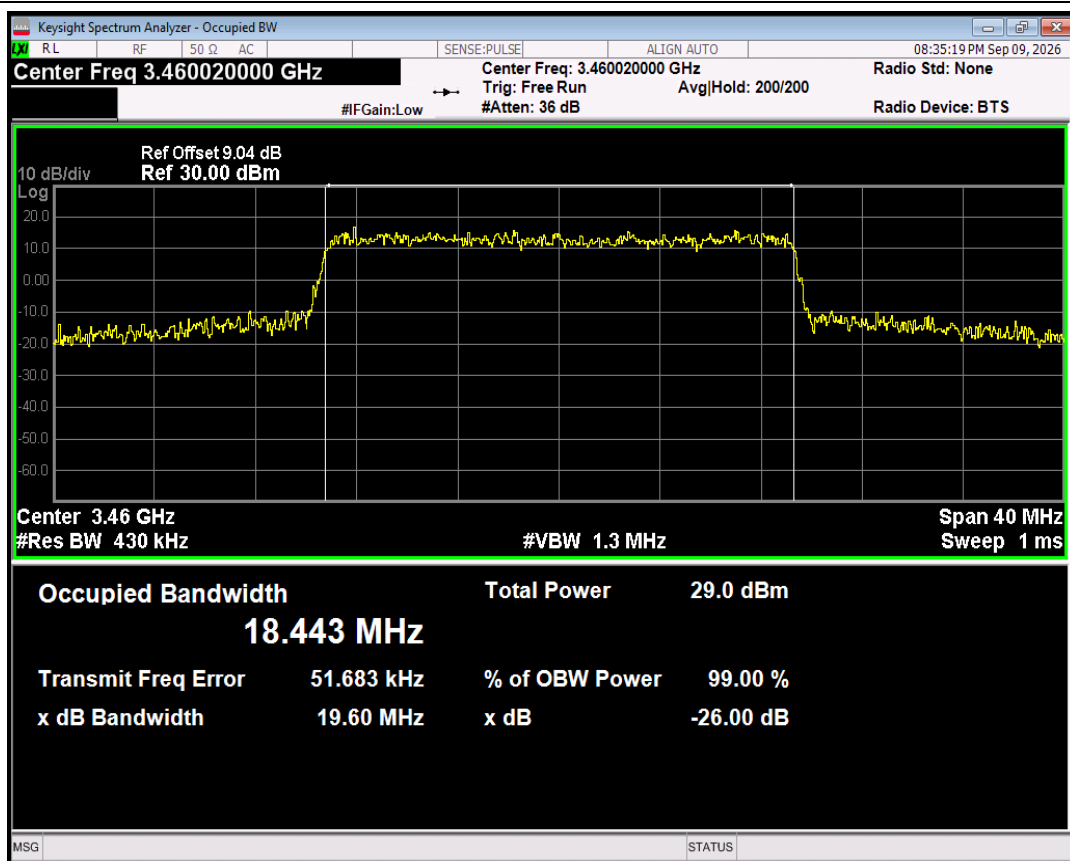
n78(3450-3550) SCS=30kHz CP_64QAM BW=15MHz Channel=630500 RB=38@0



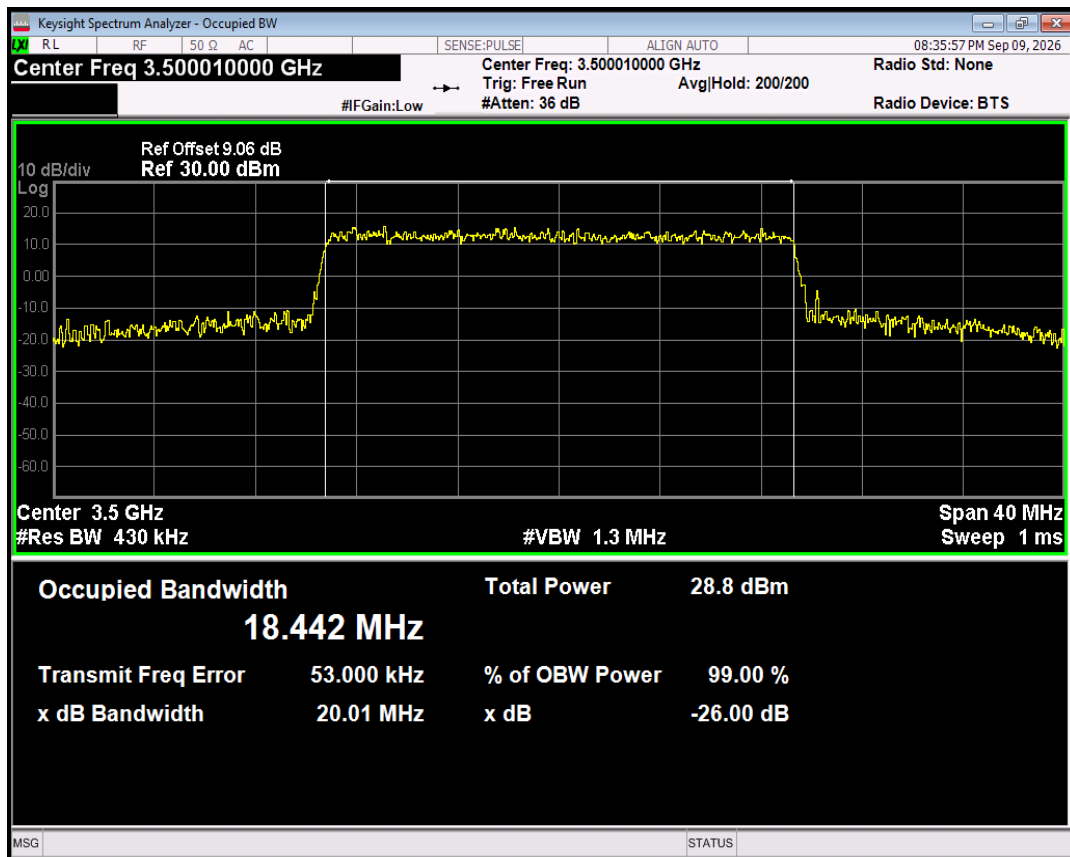
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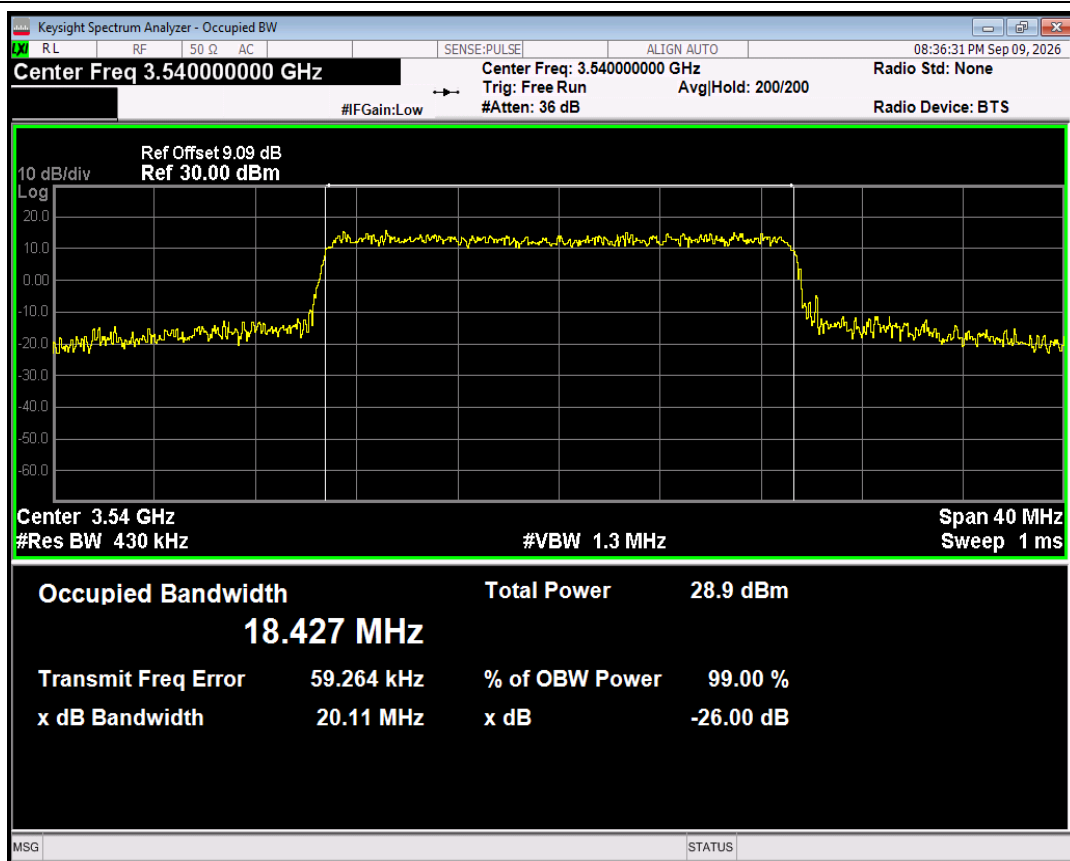
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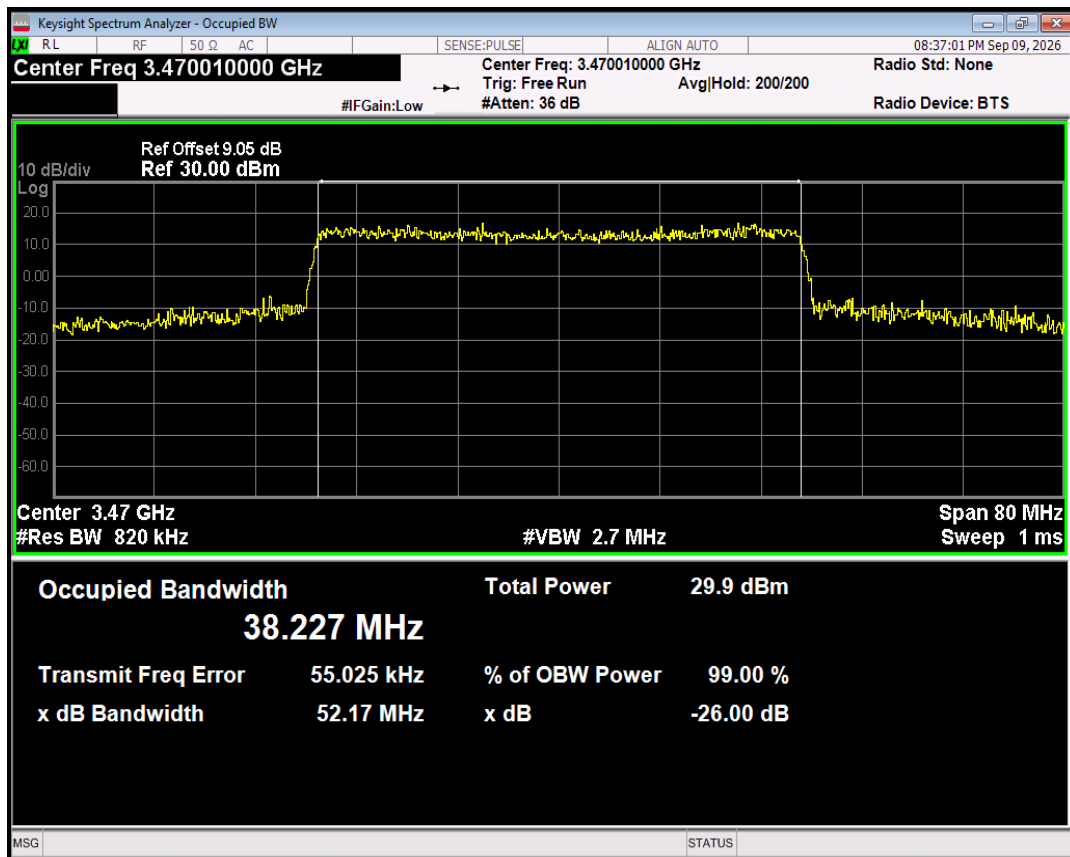
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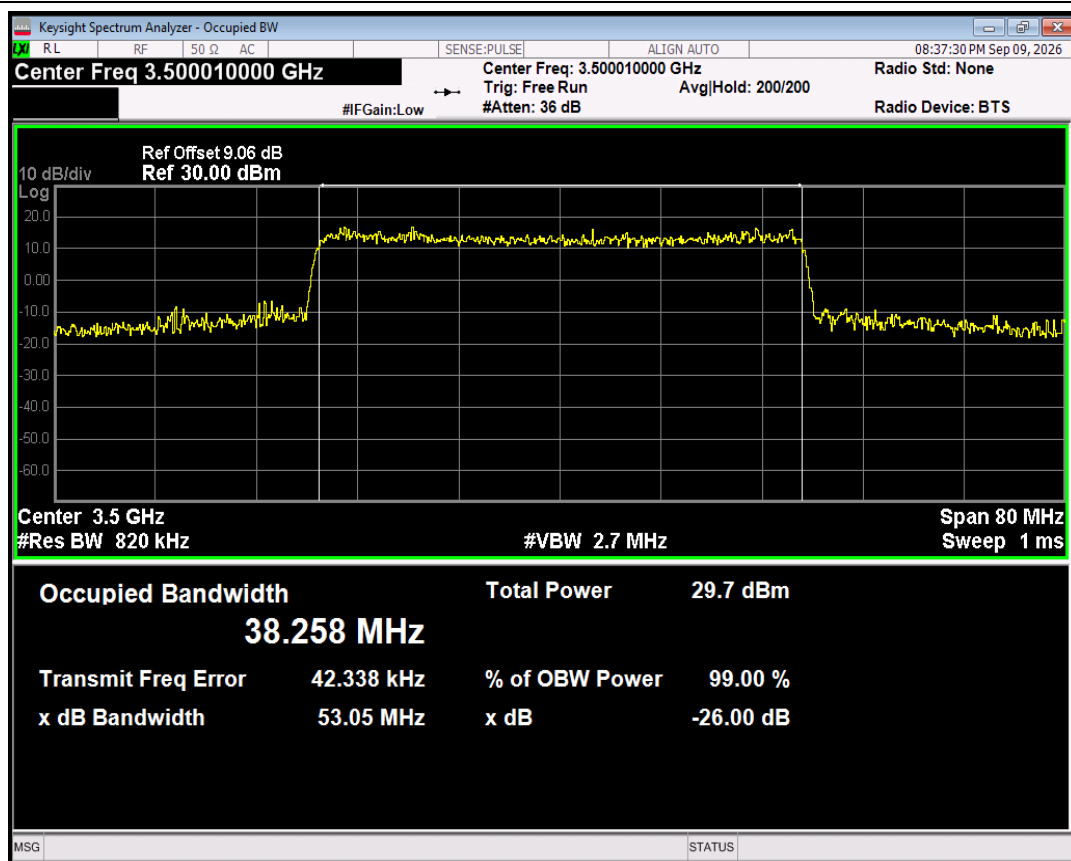
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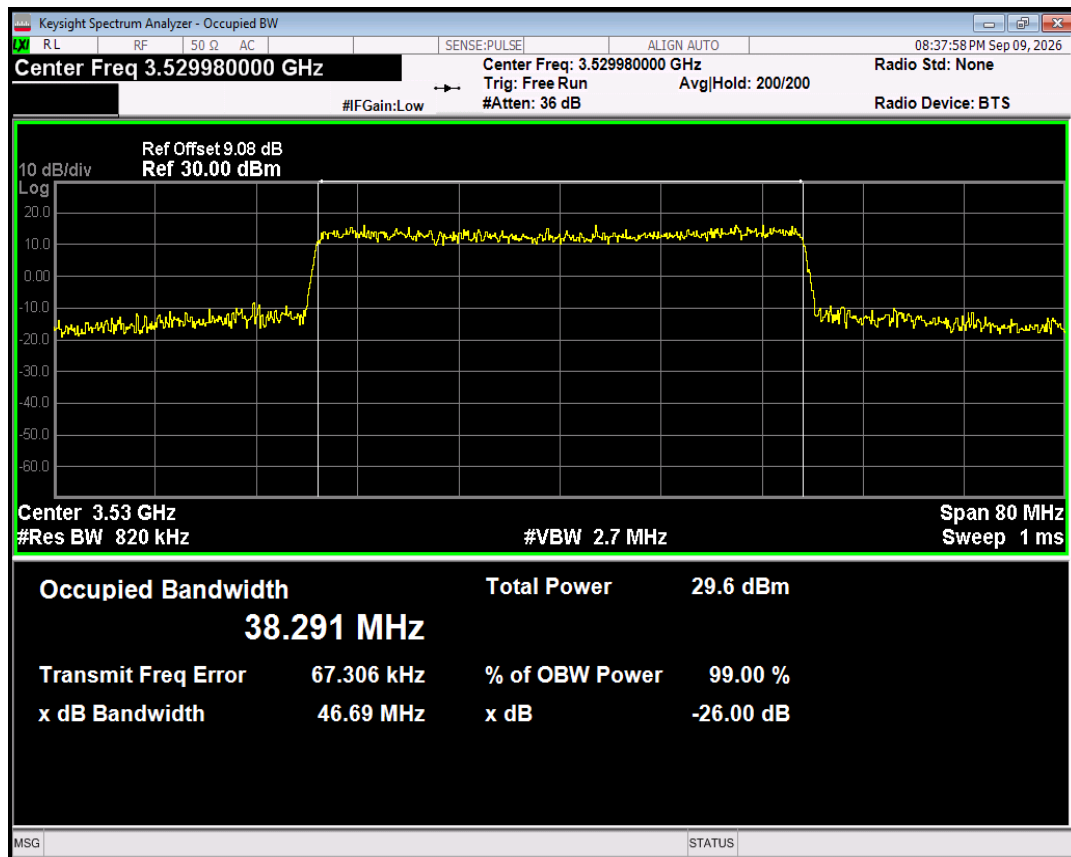
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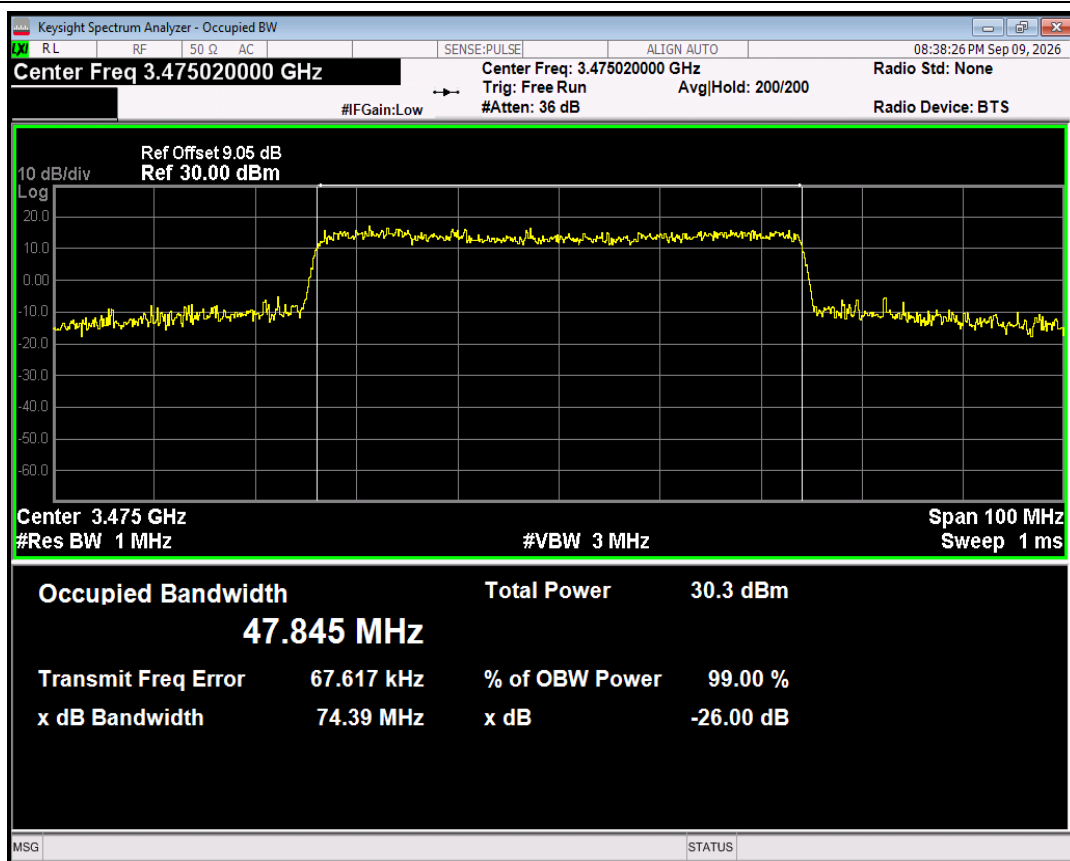
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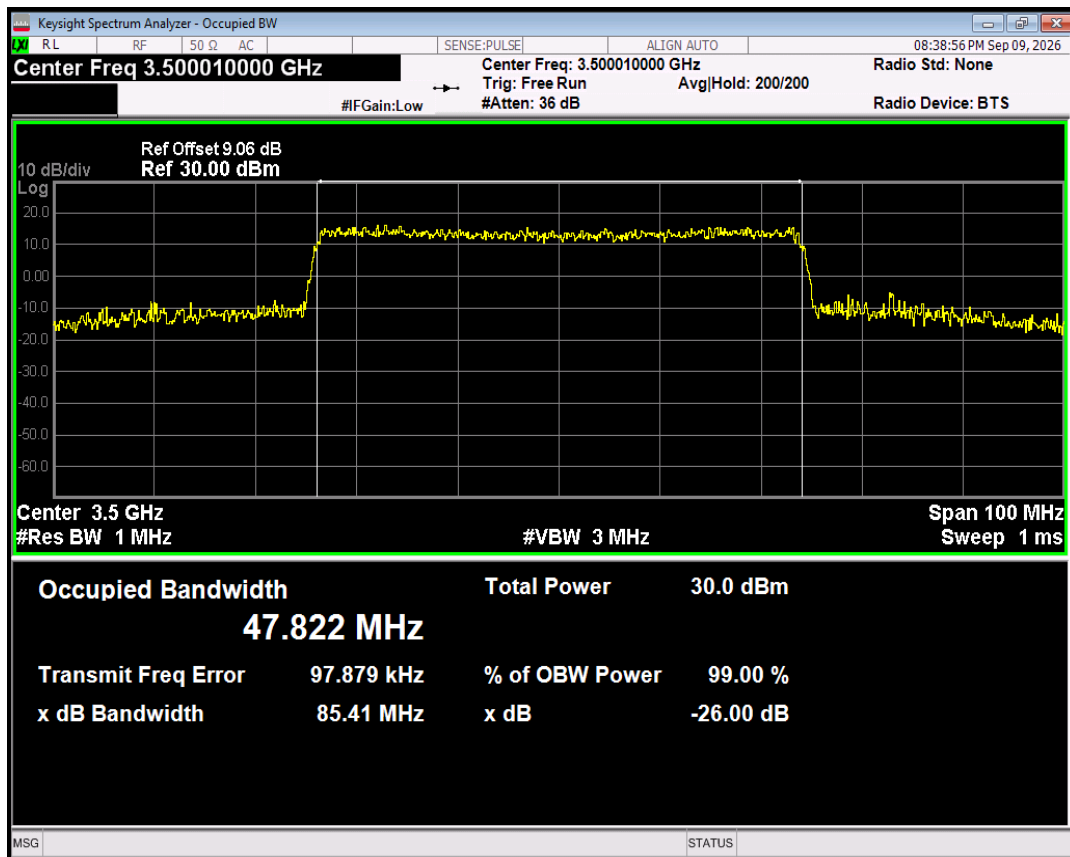
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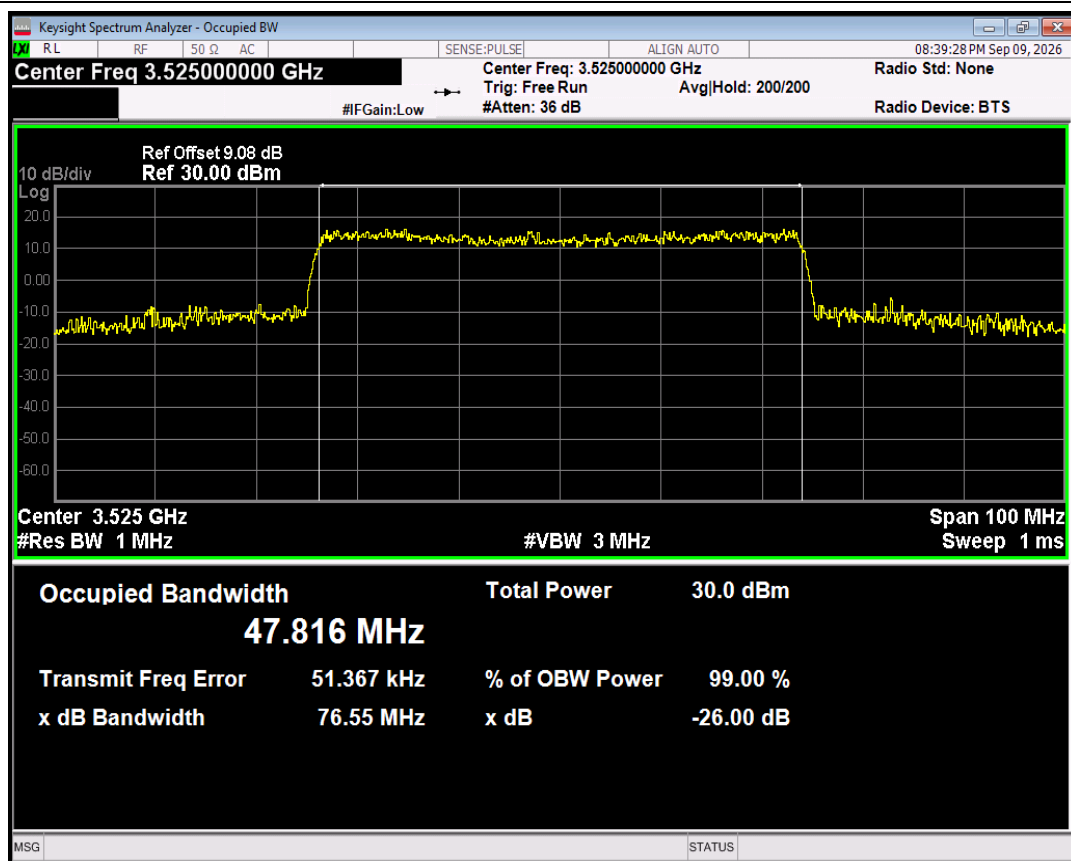
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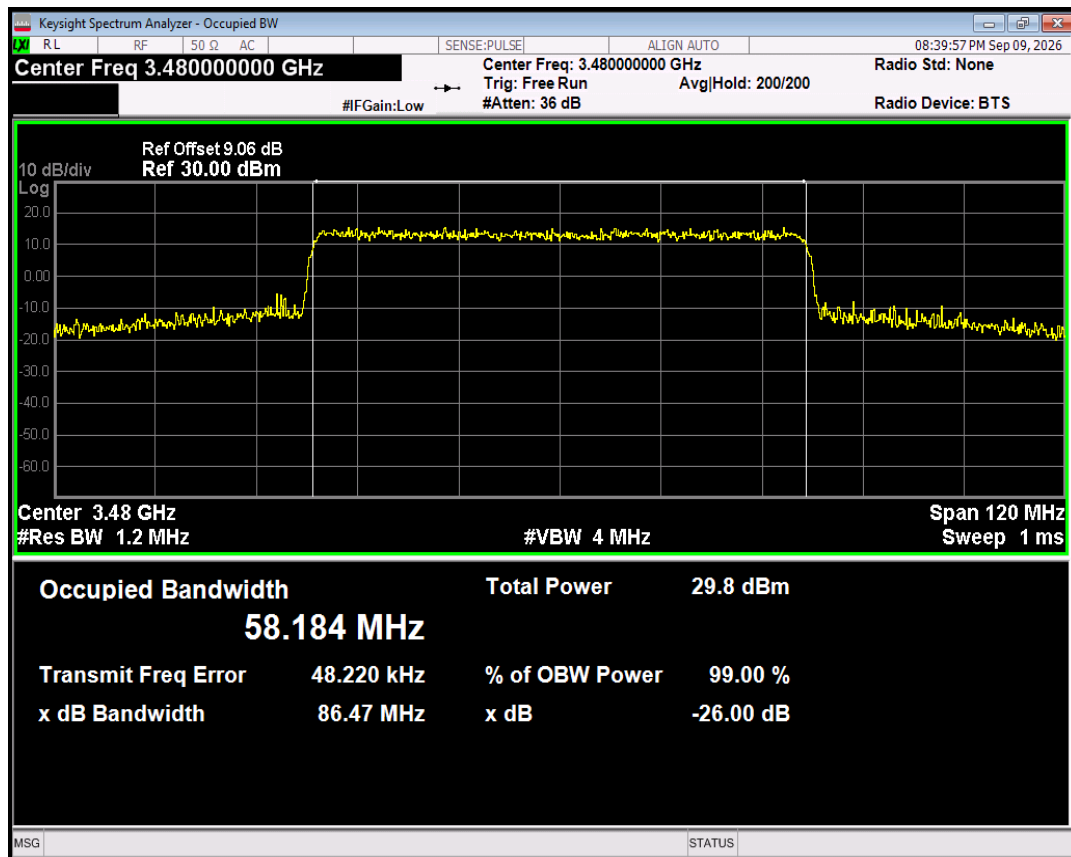
n78(3450-3550) SCS=30kHz CP_64QAM BW=50MHz Channel=631668 RB=133@0



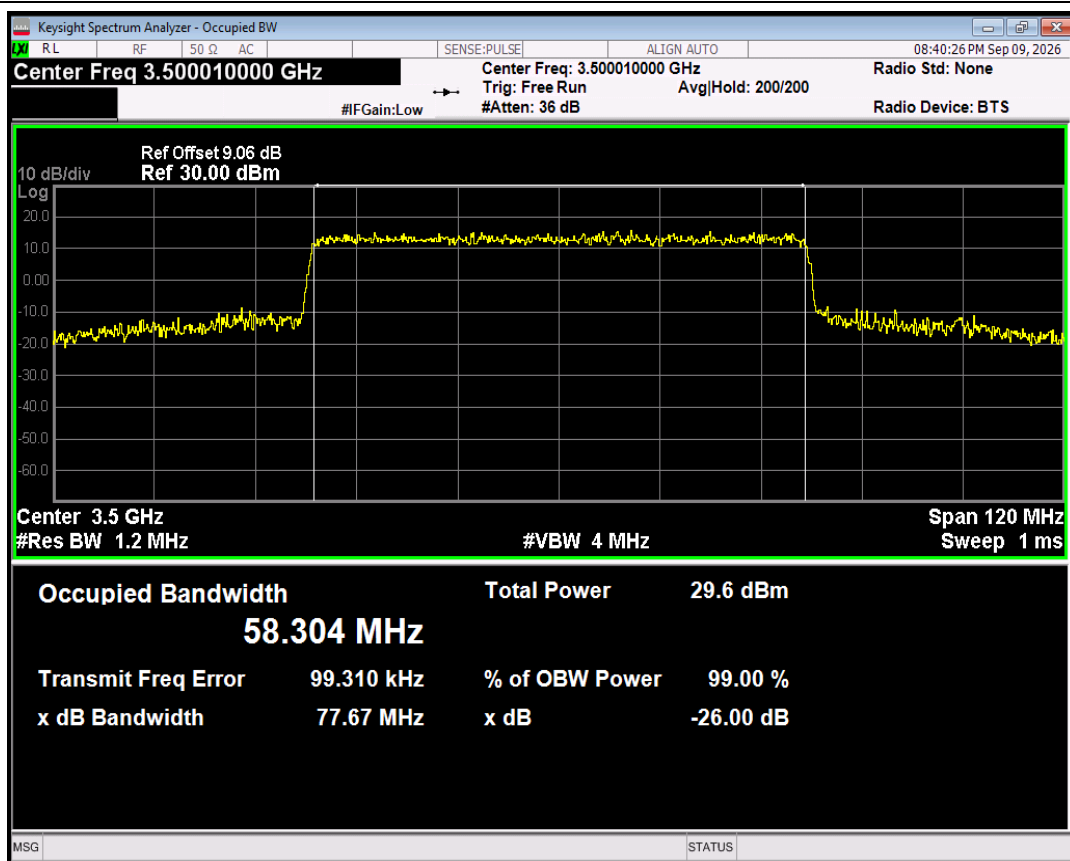
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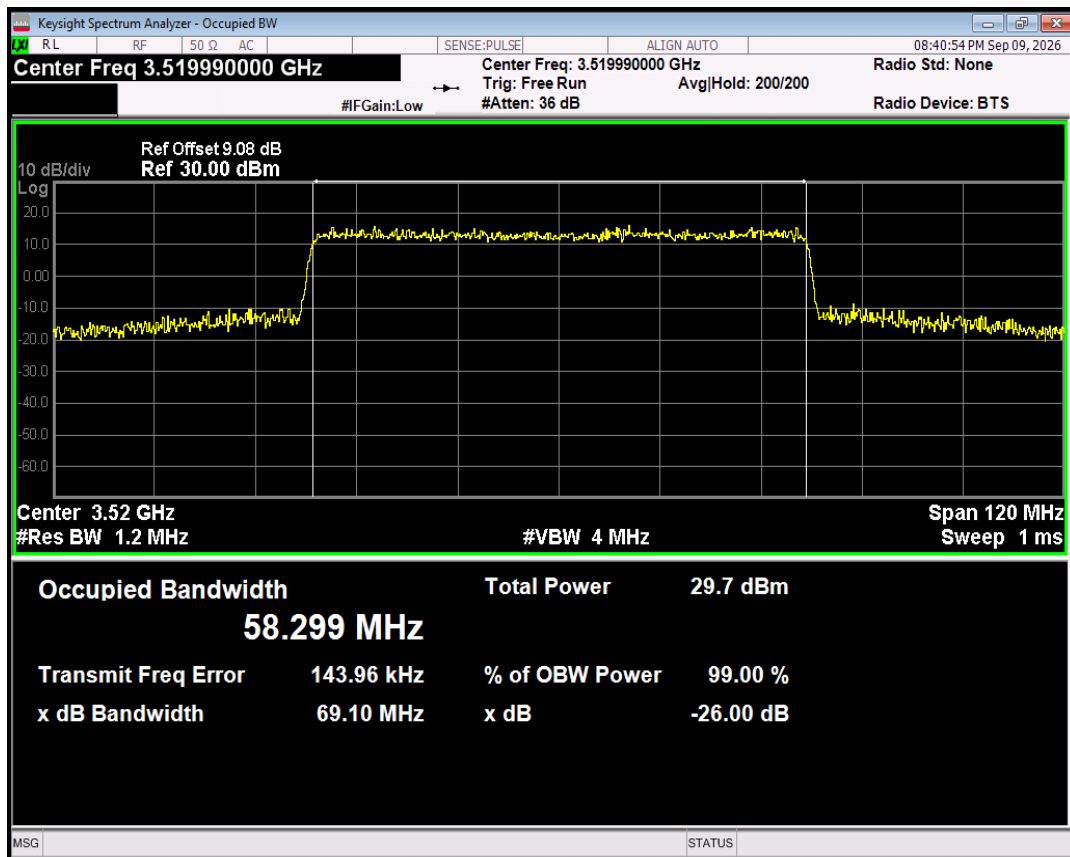
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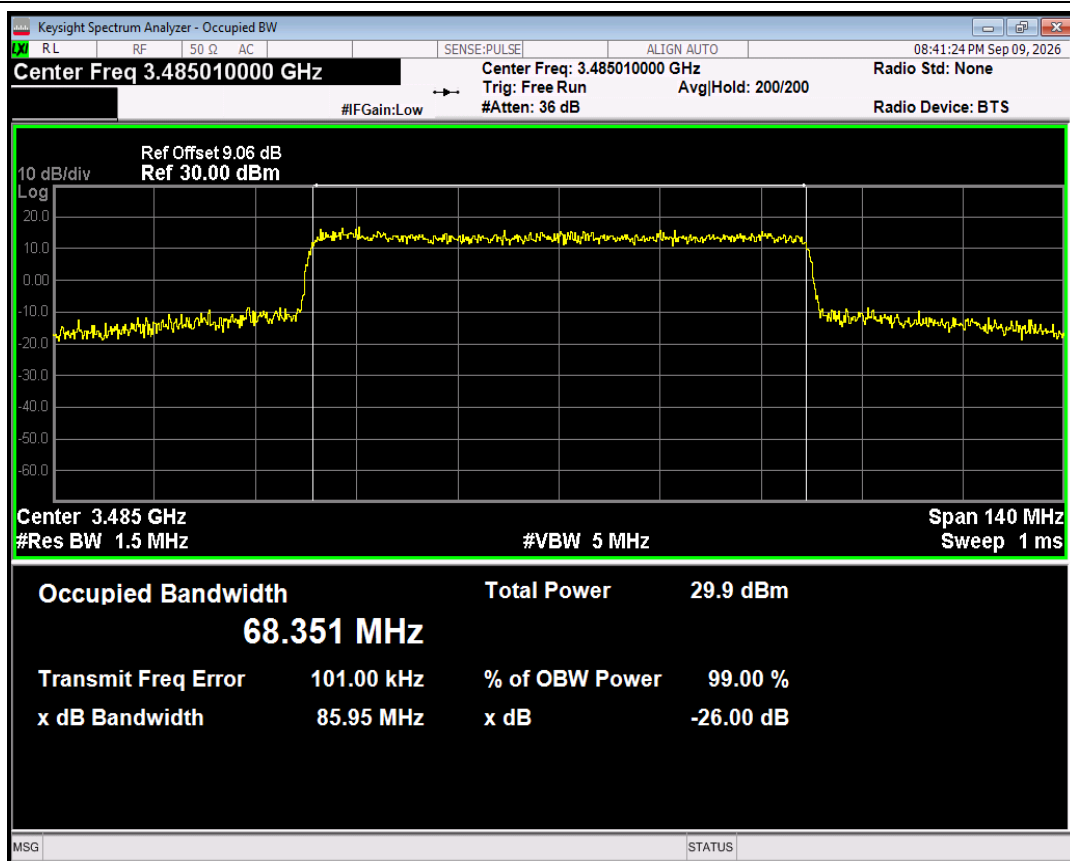
n78(3450-3550) SCS=30kHz CP_64QAM BW=60MHz Channel=632000 RB=162@0



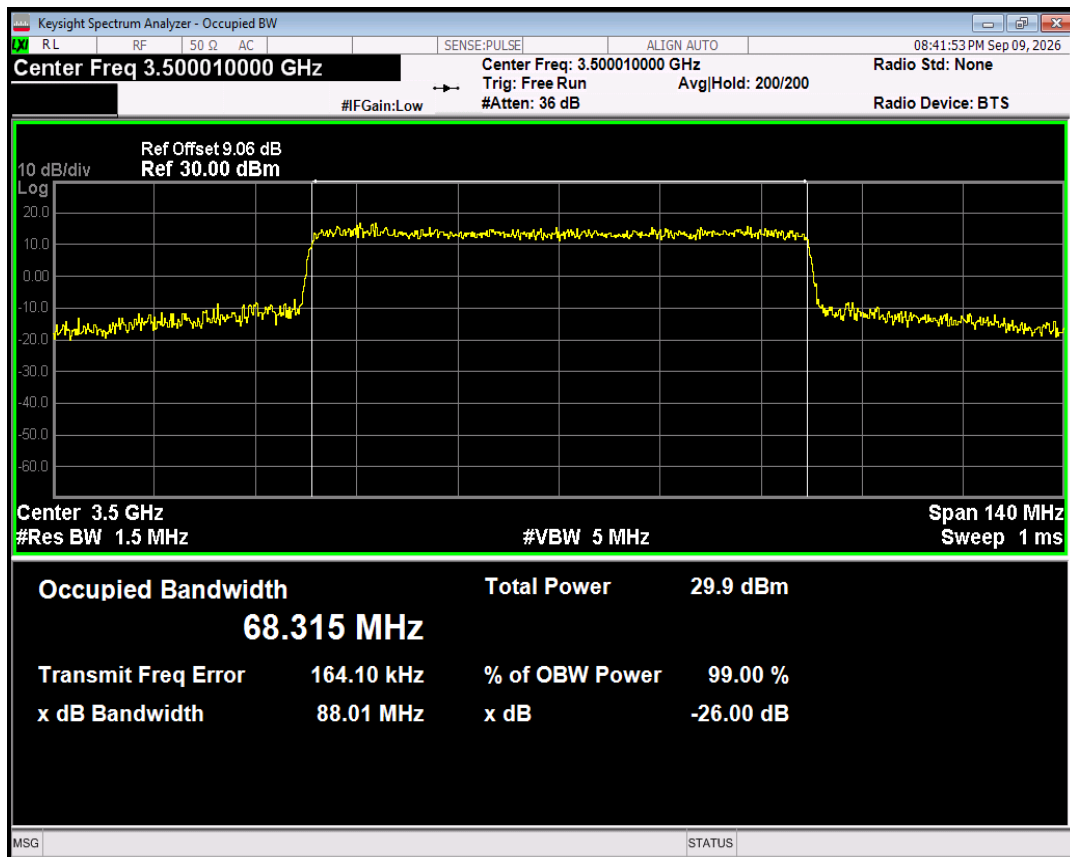
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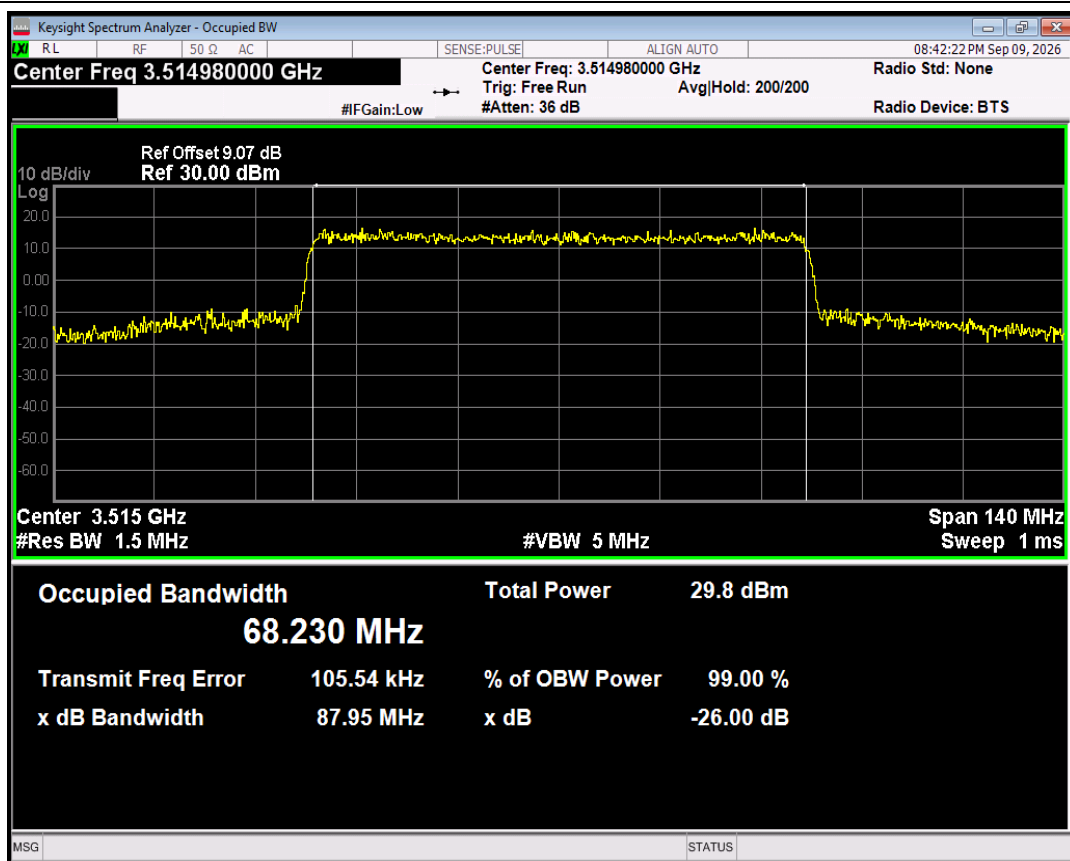
n78(3450-3550) SCS=30kHz CP_64QAM BW=60MHz Channel=634666 RB=162@0



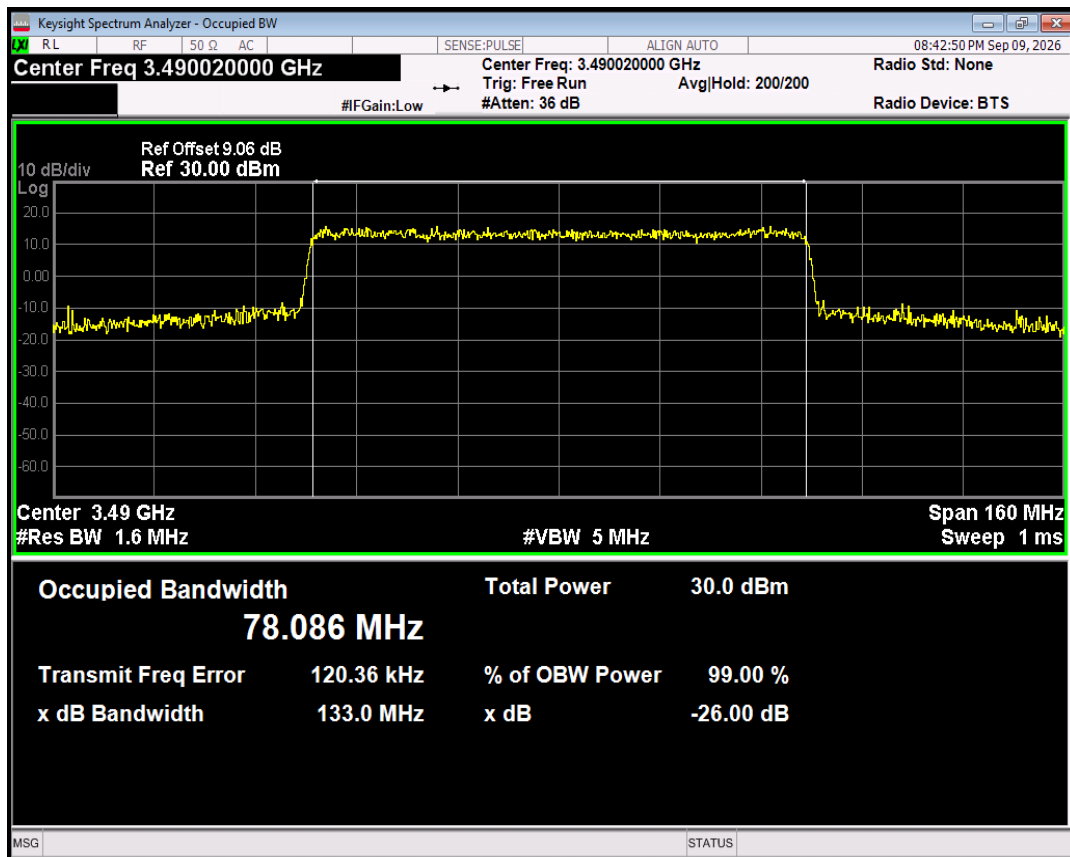
n78(3450-3550) SCS=30kHz CP_64QAM BW=70MHz Channel=632334 RB=189@0



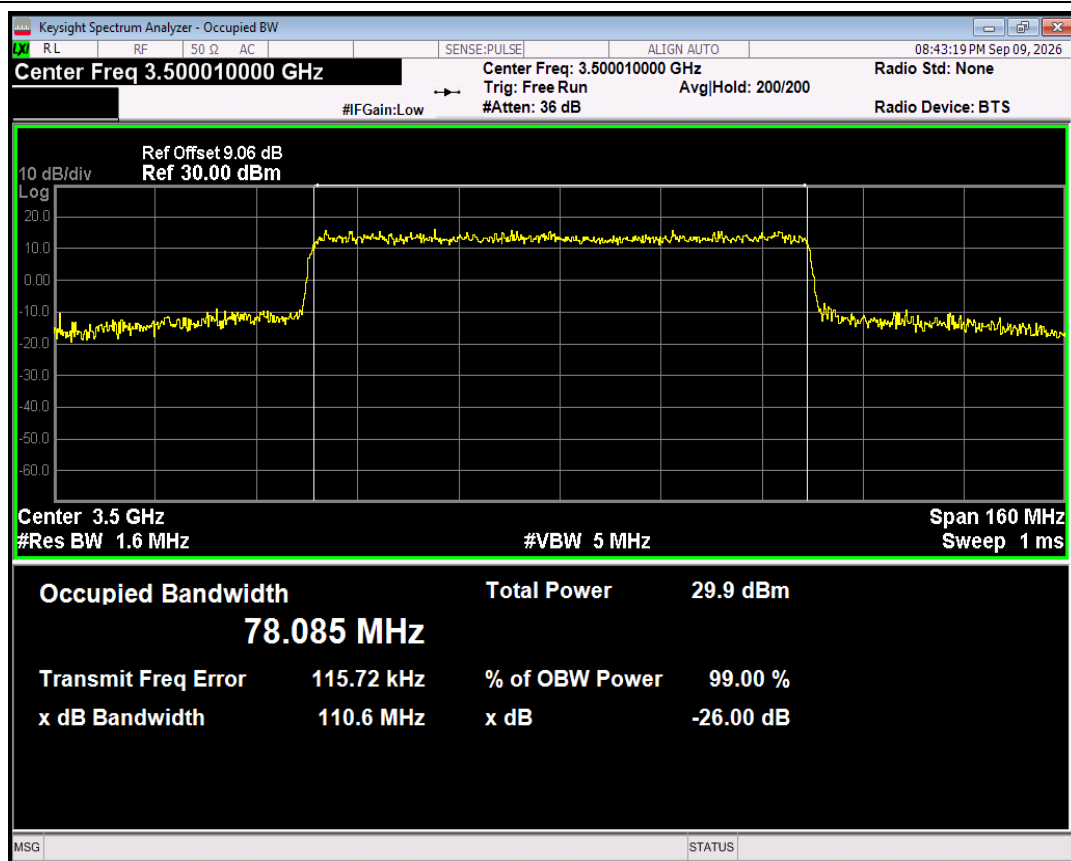
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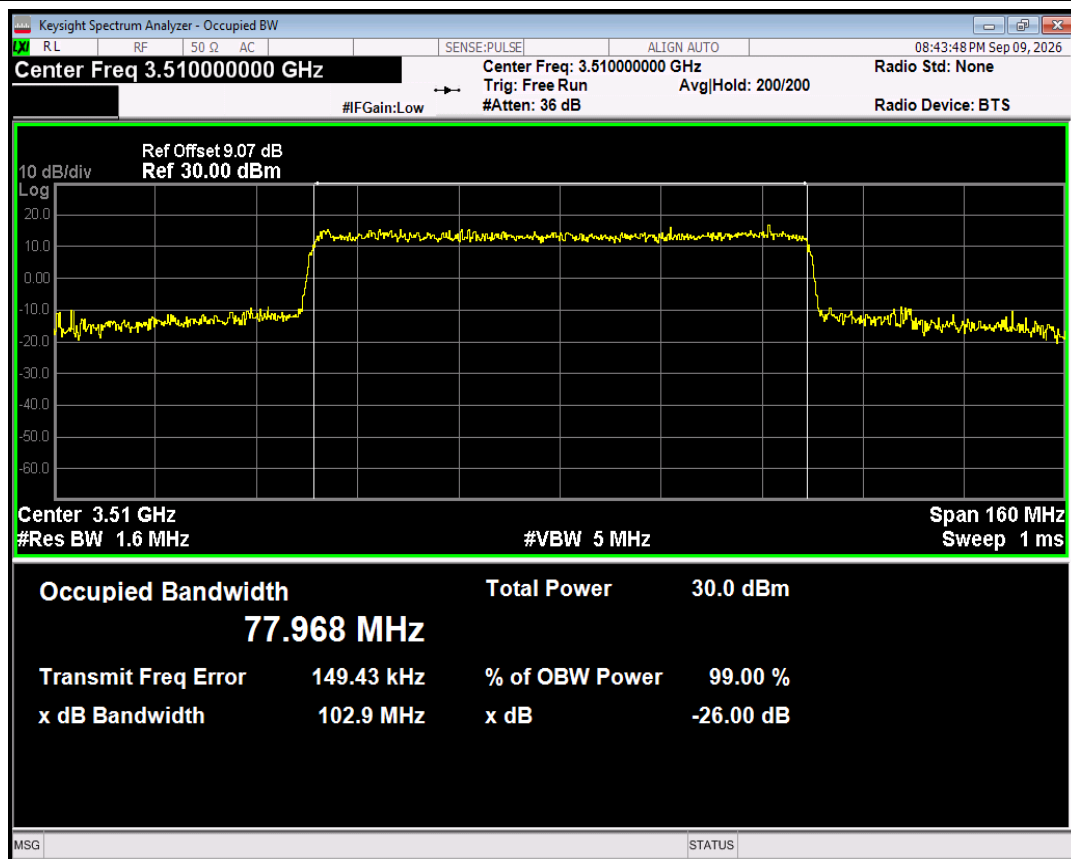
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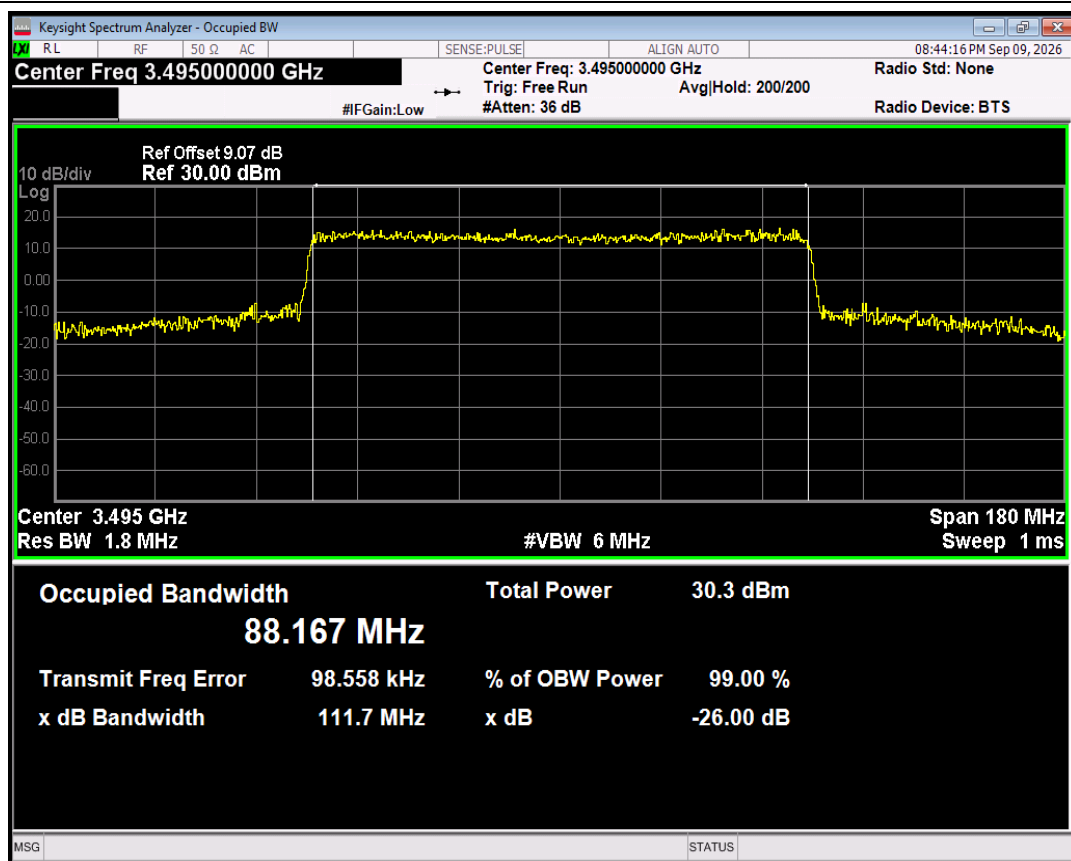
n78(3450-3550) SCS=30kHz CP_64QAM BW=80MHz Channel=632668 RB=217@0



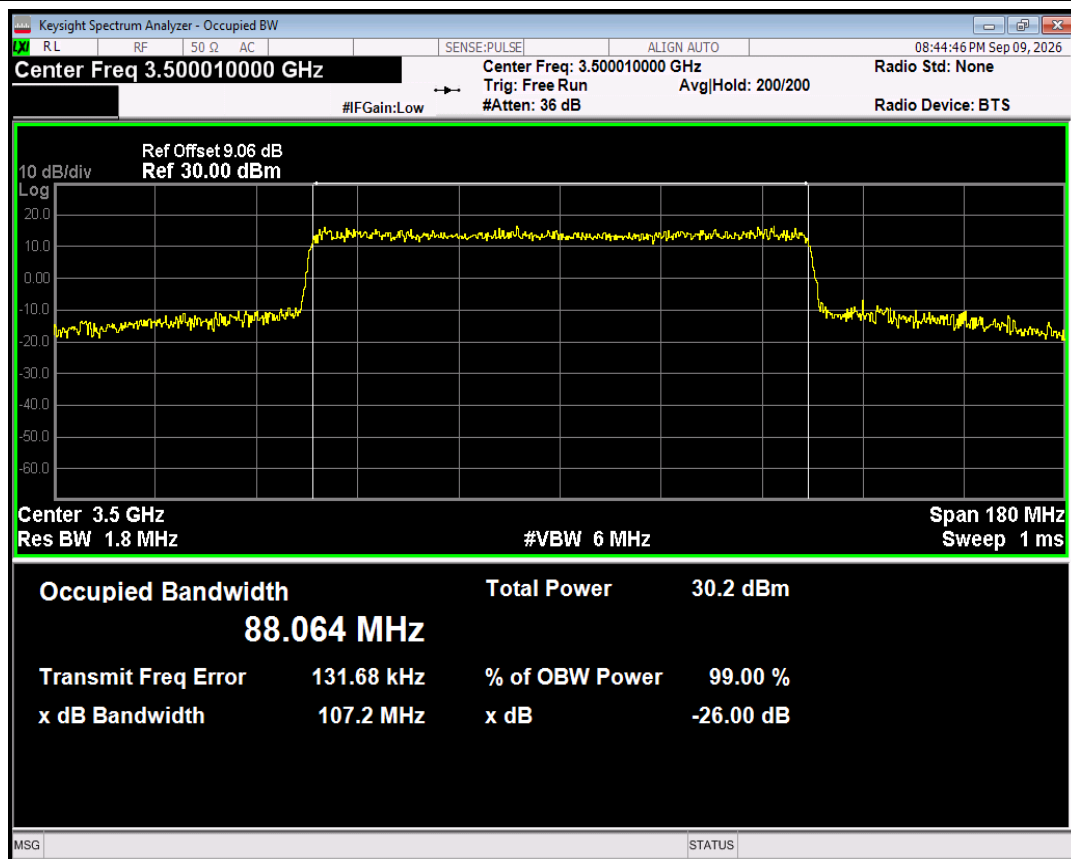
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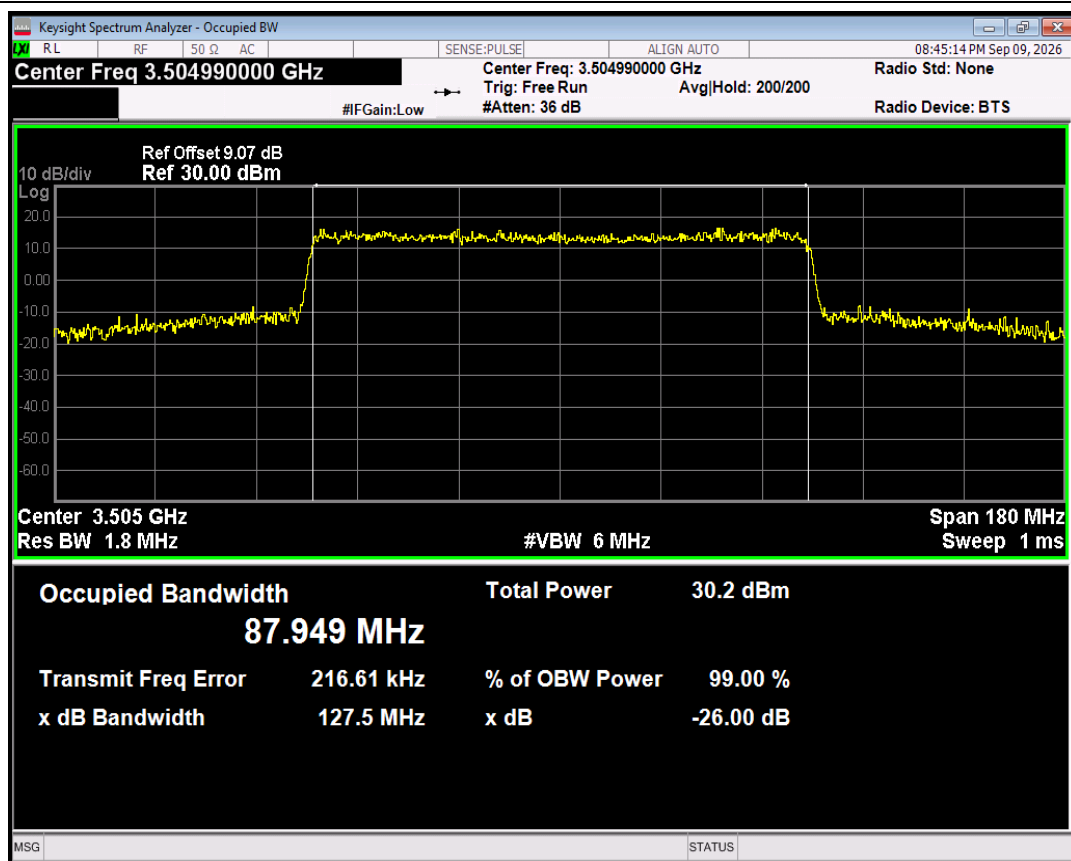
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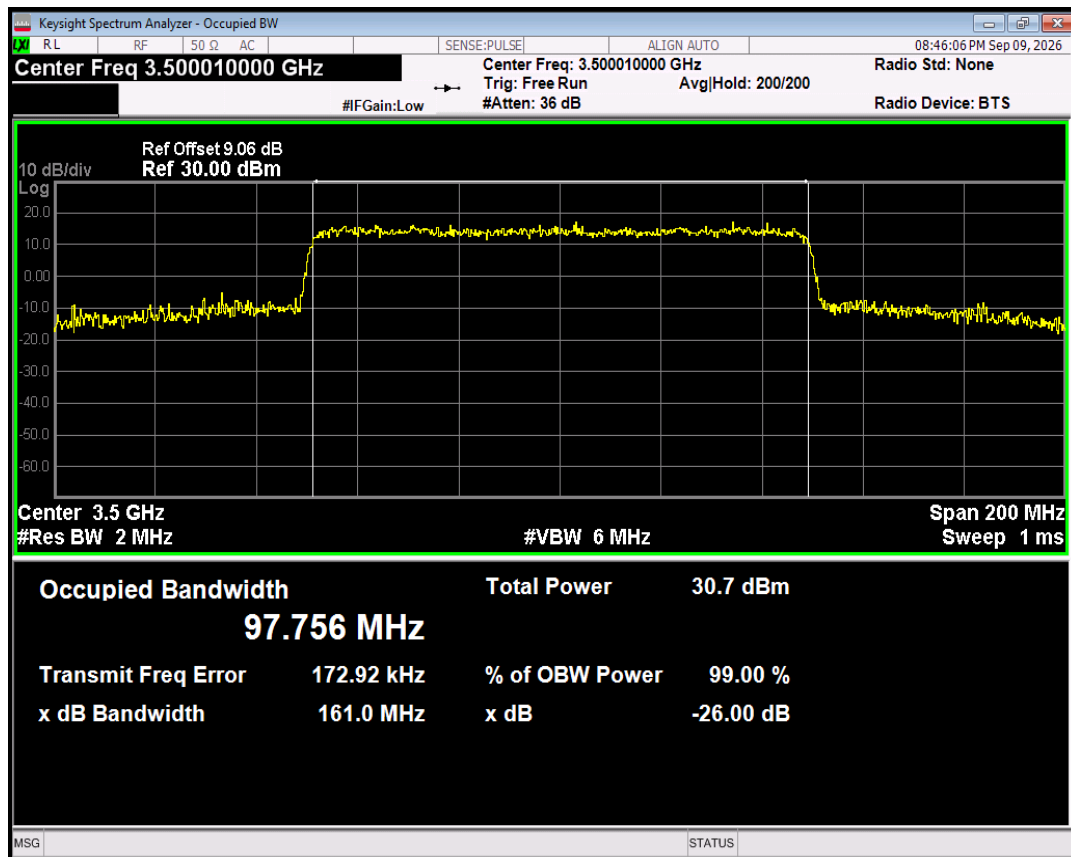
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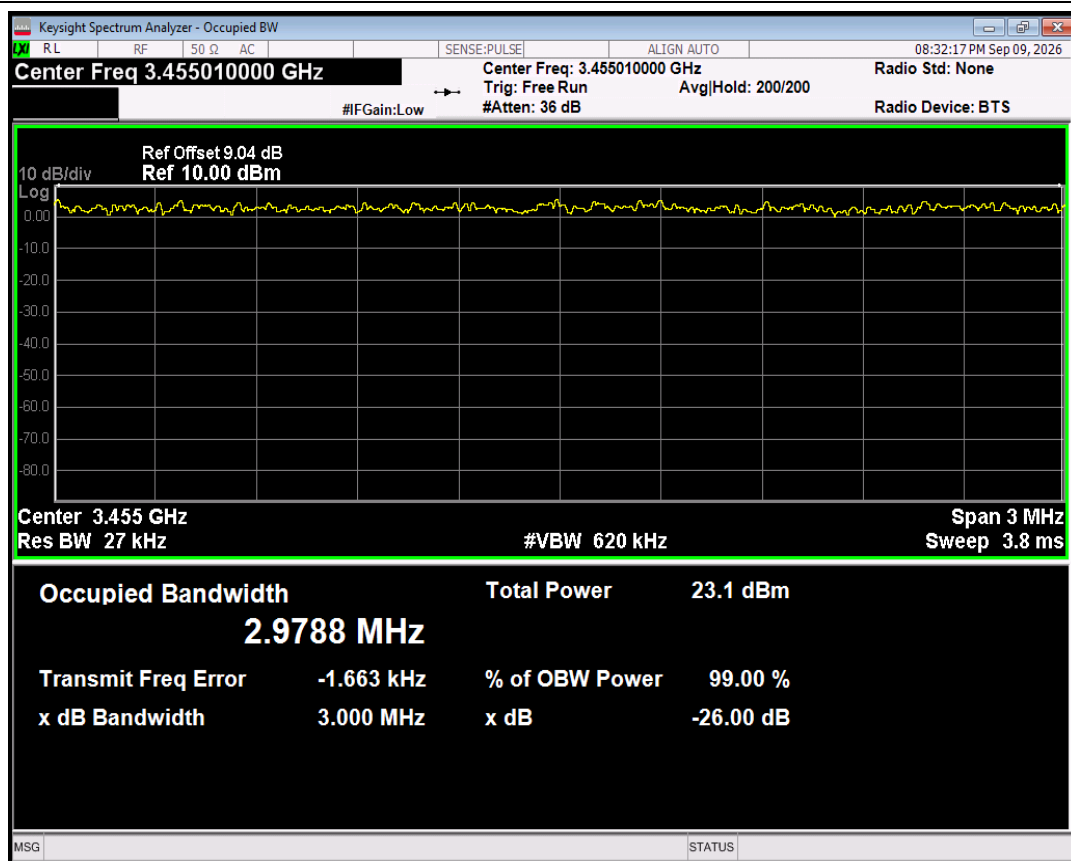
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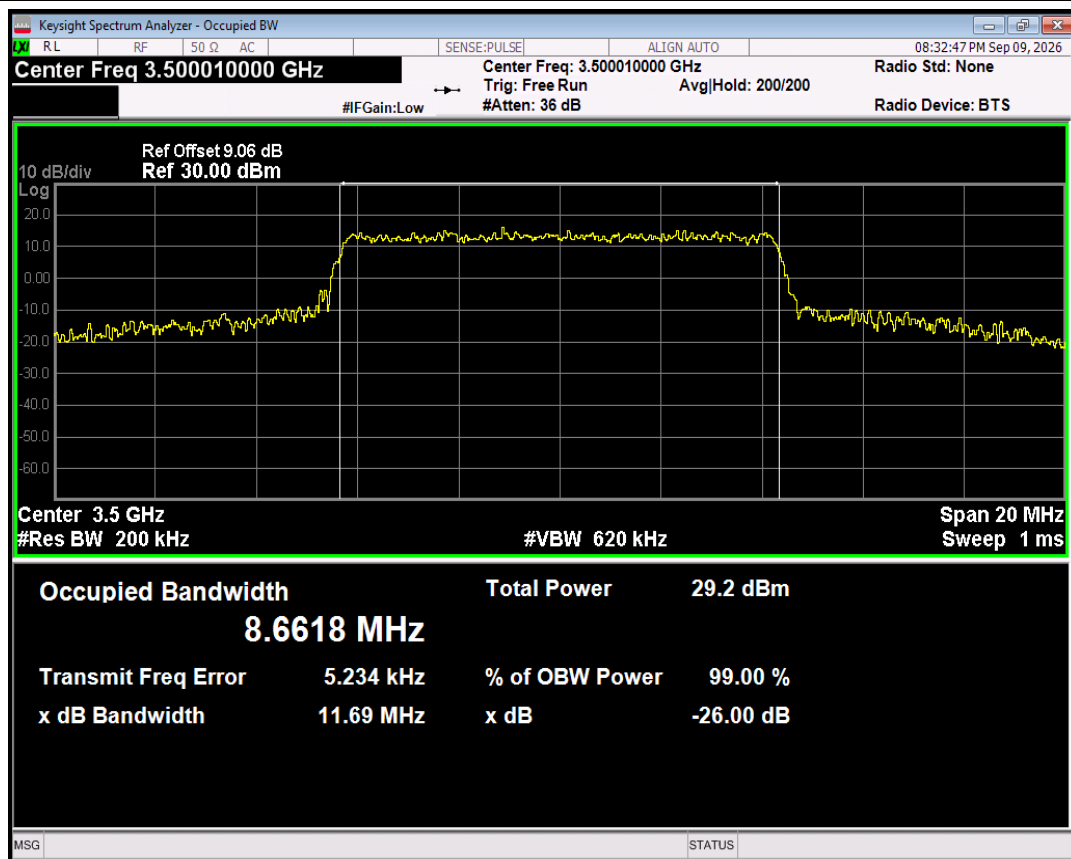
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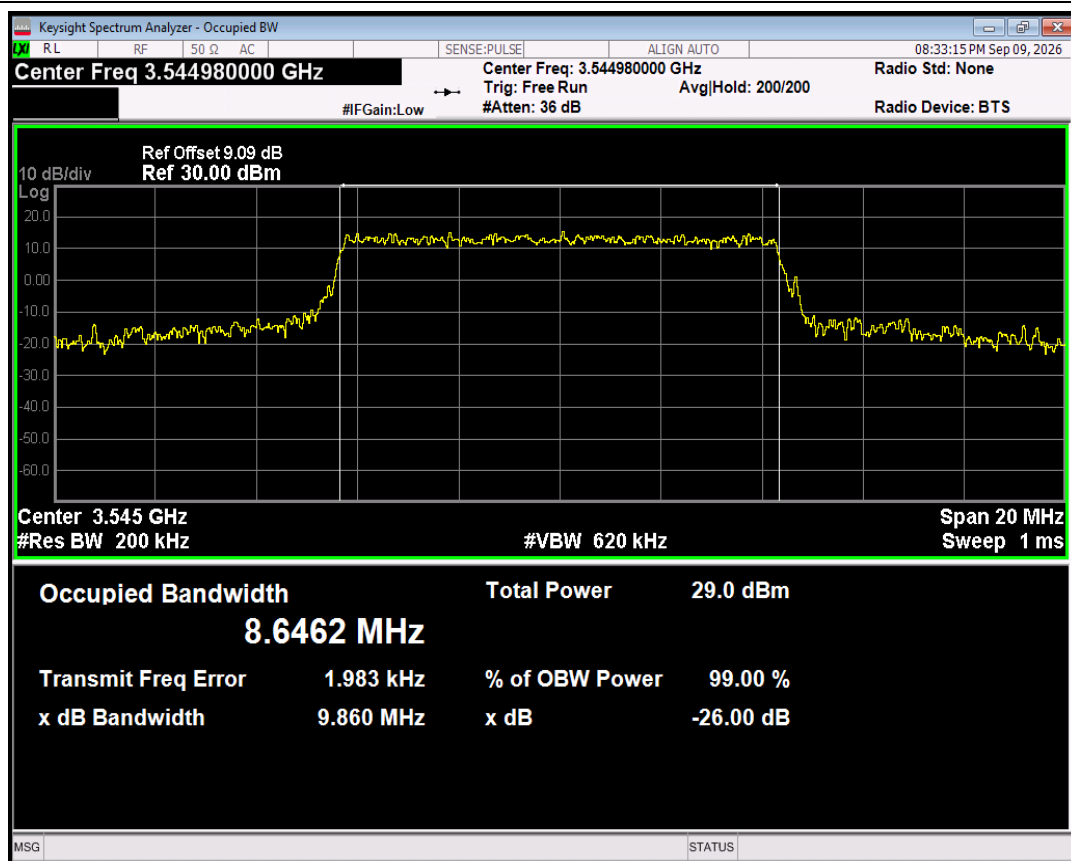
n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



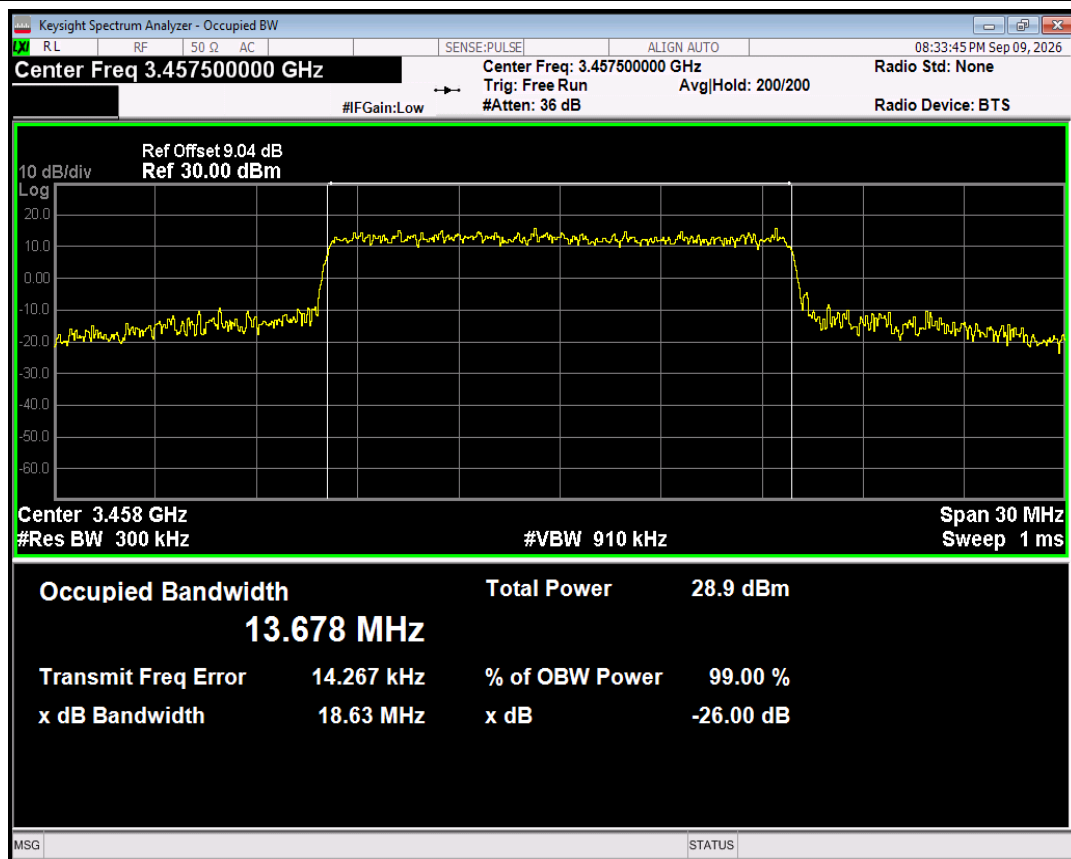
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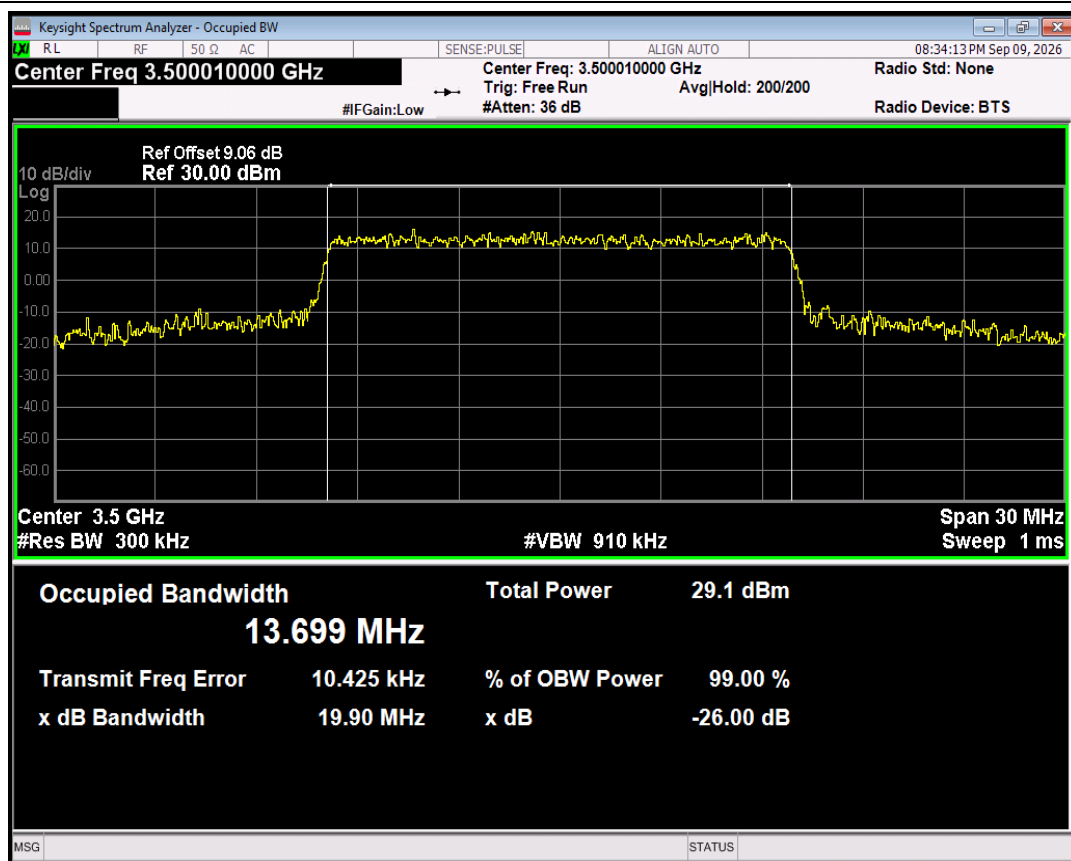
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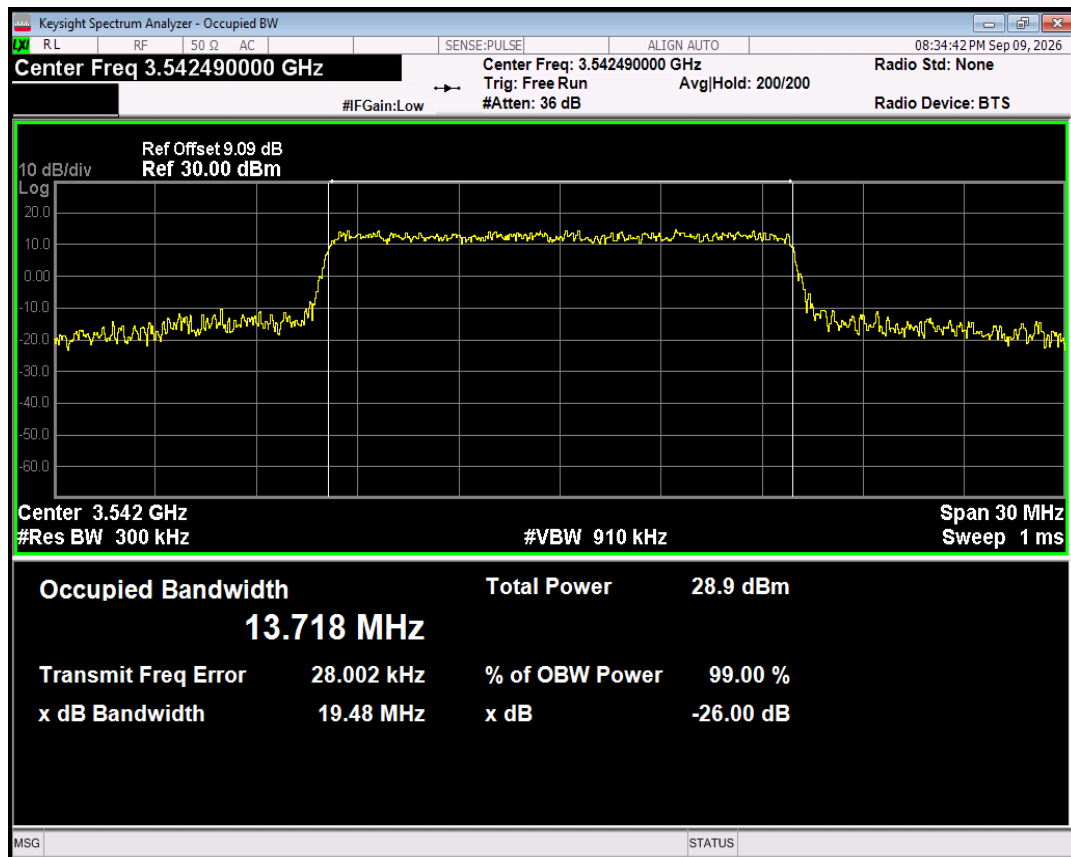
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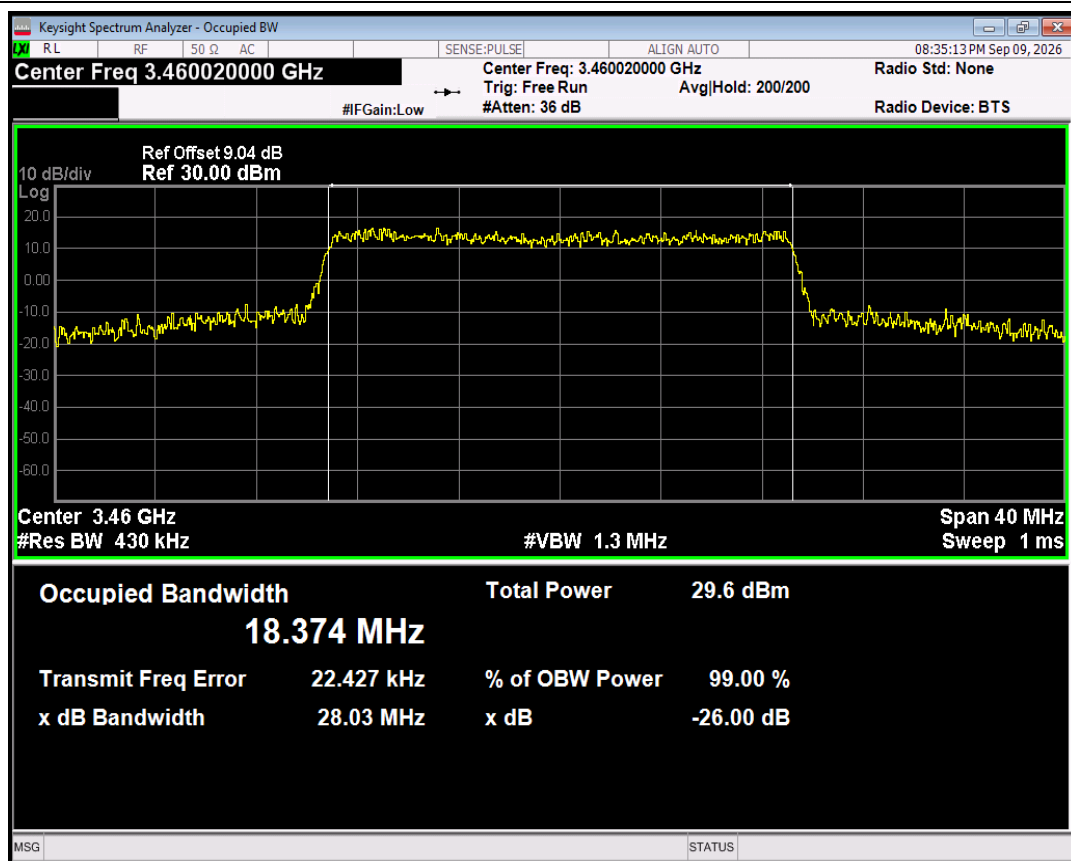
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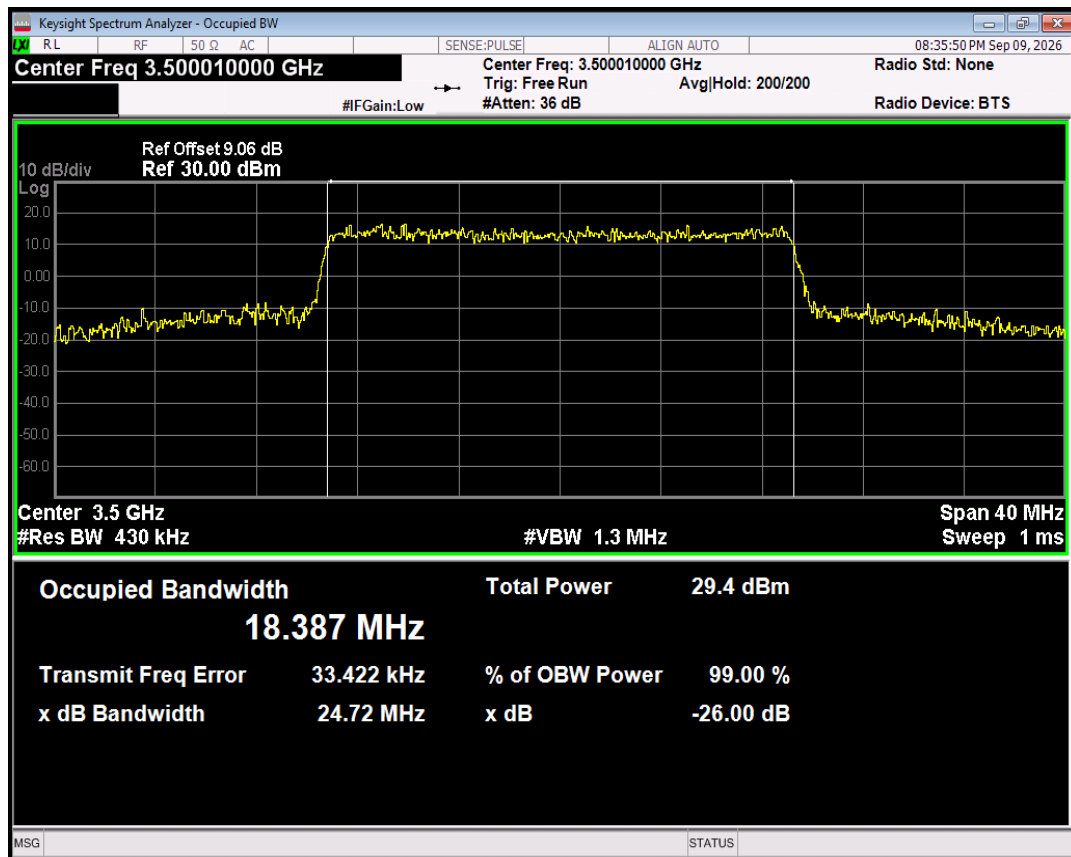
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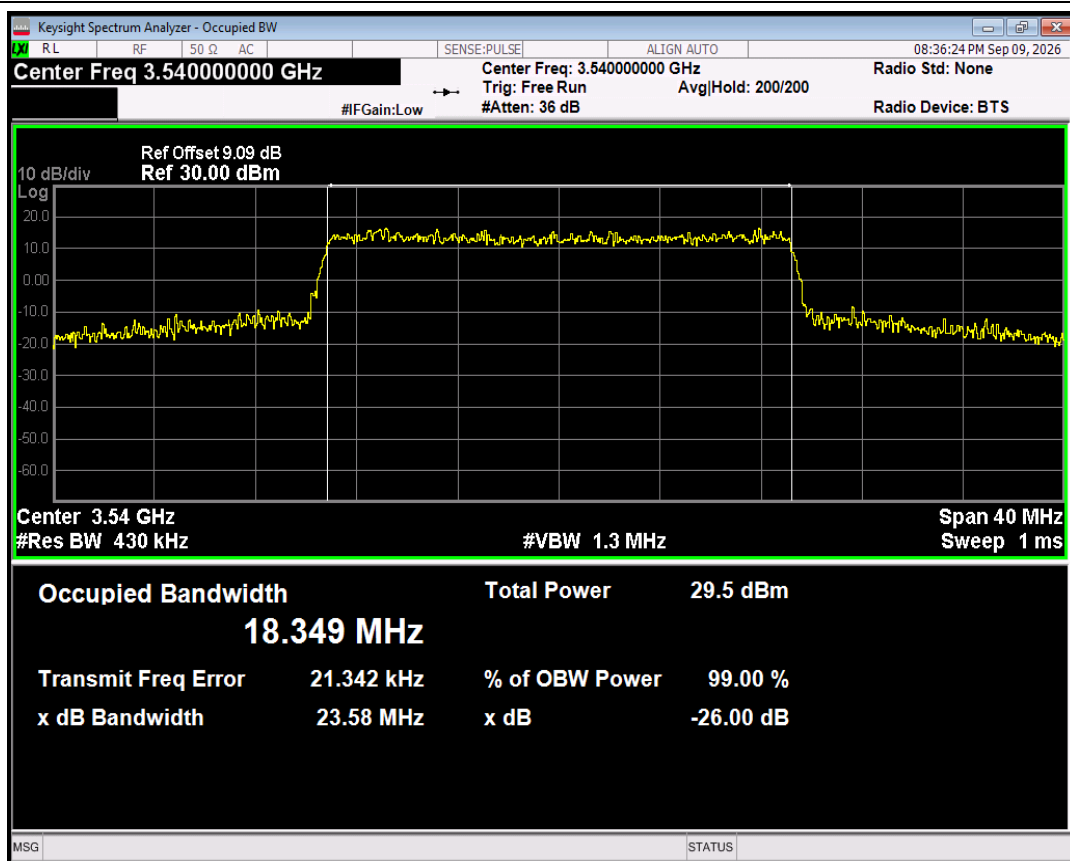
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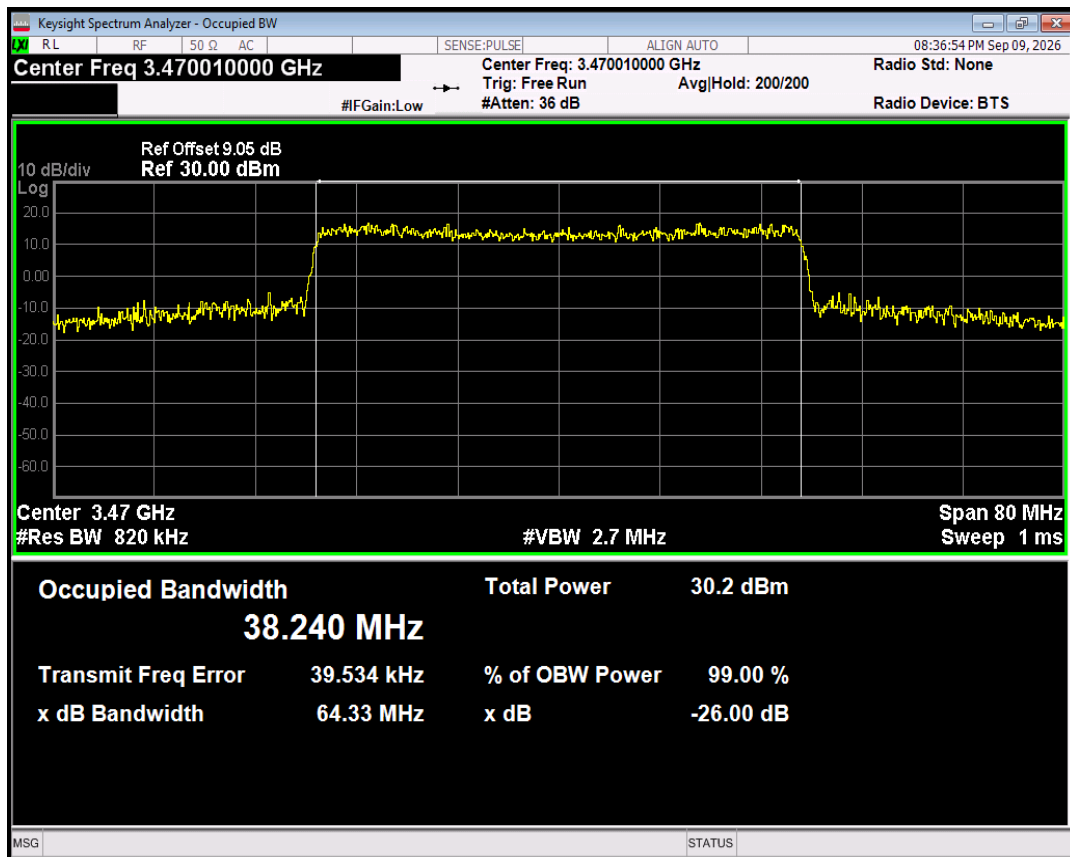
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=630668 RB=51@0



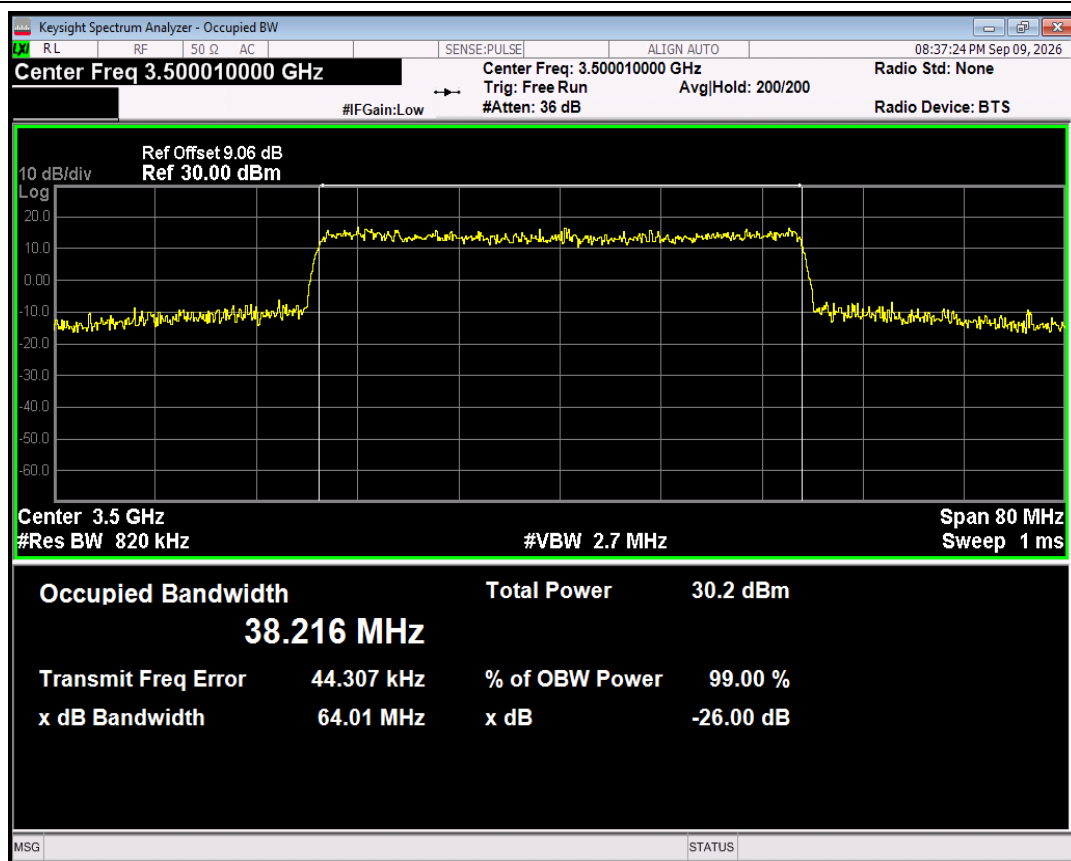
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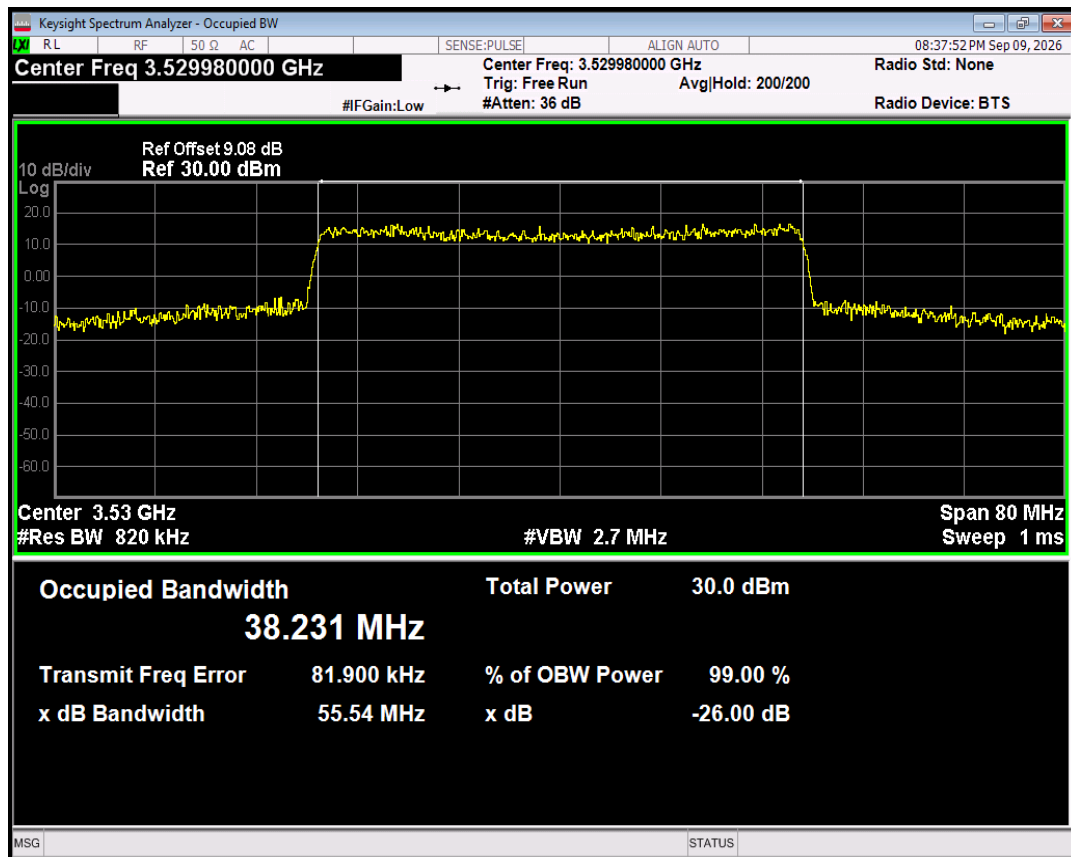
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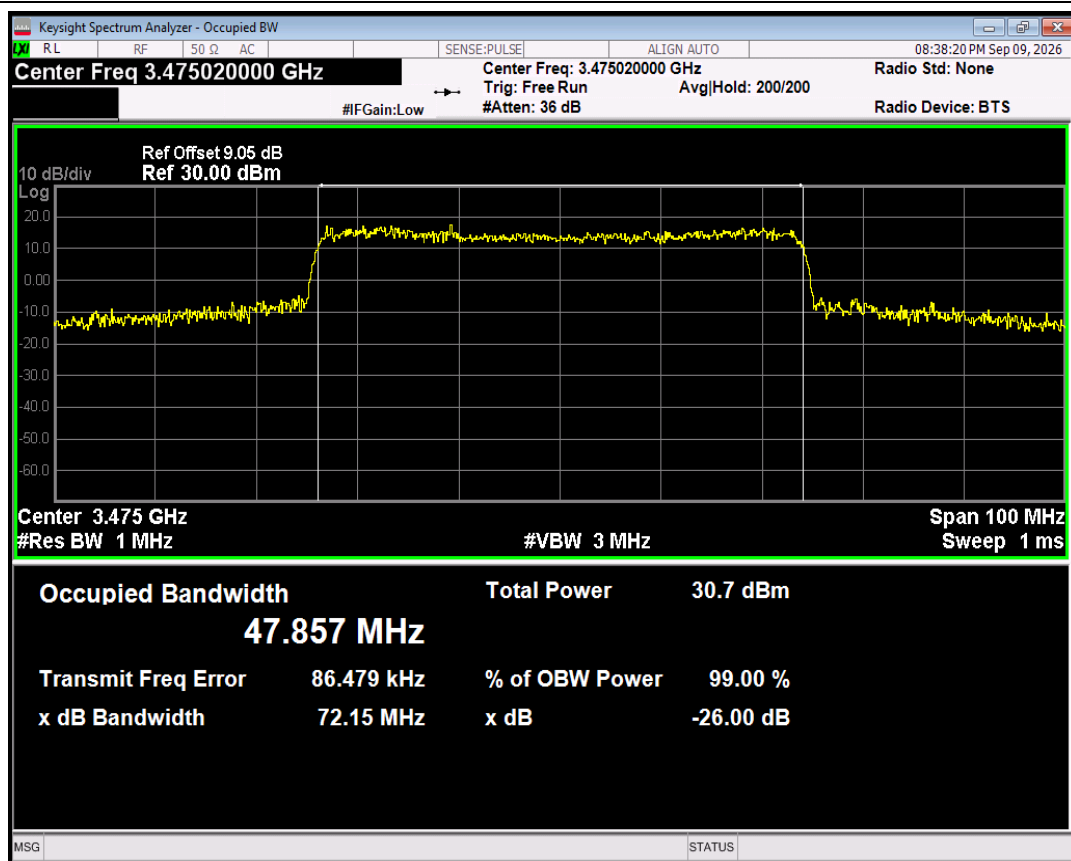
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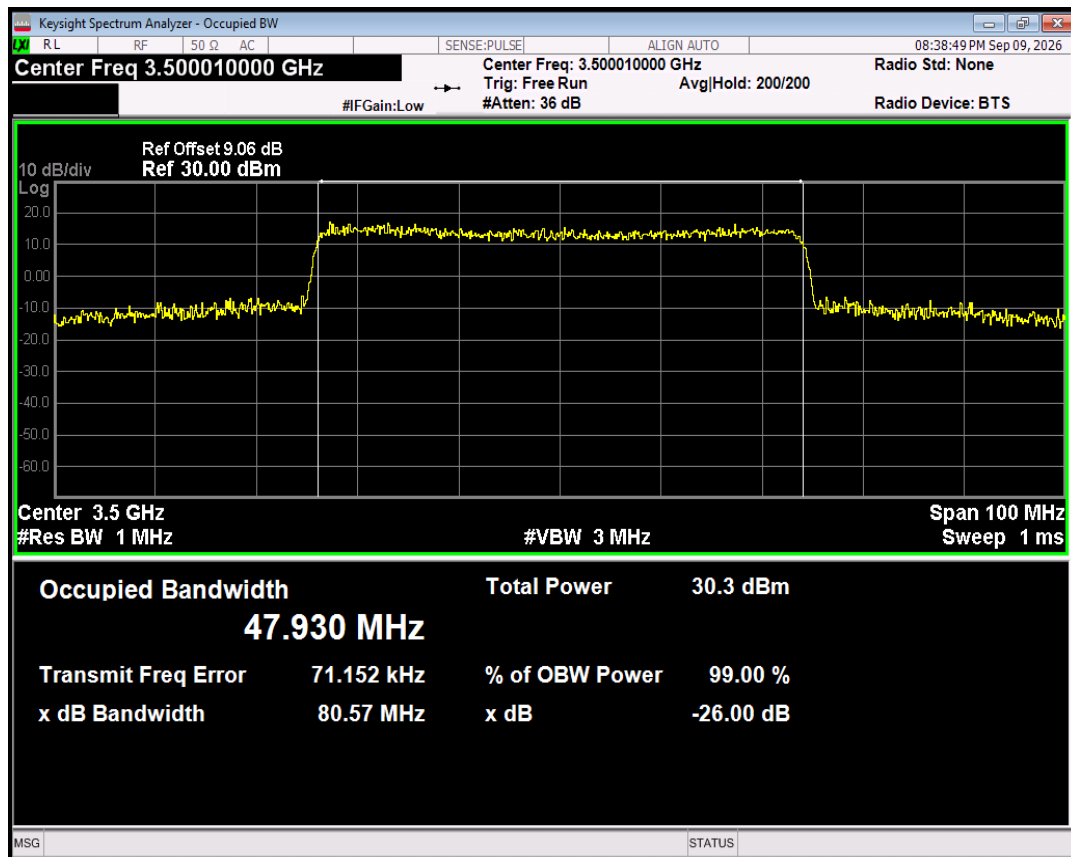
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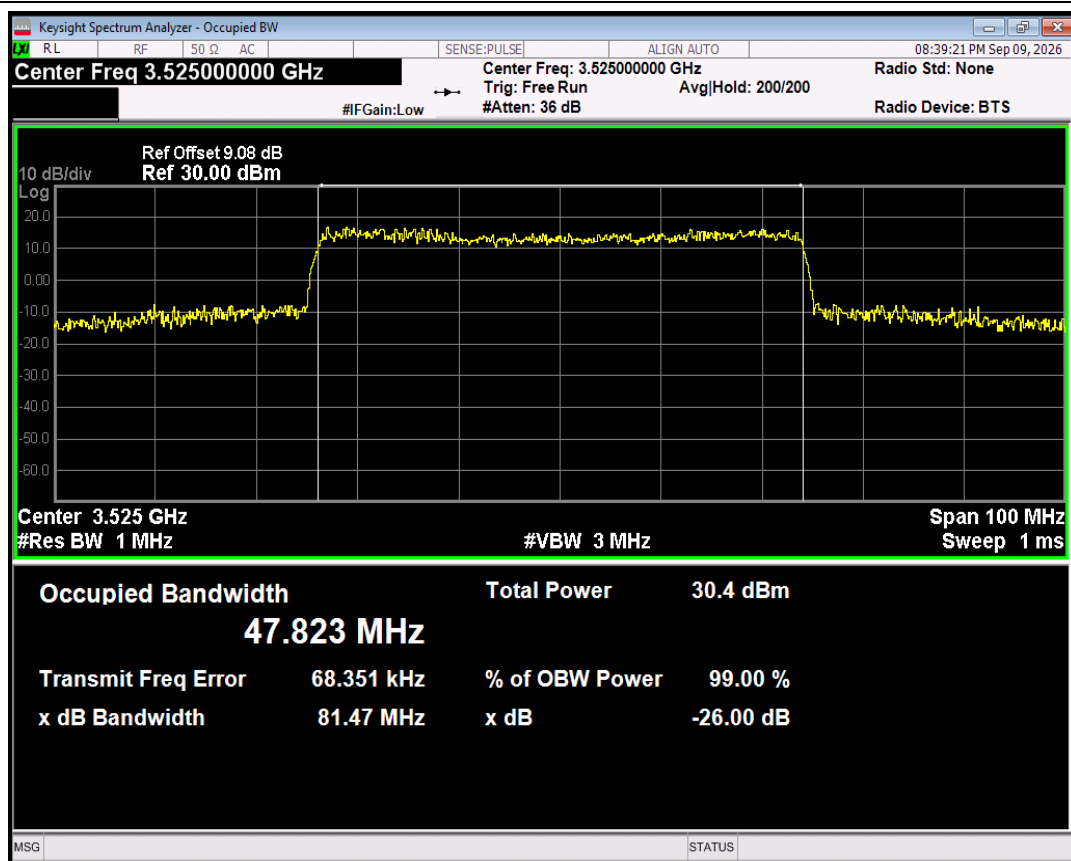
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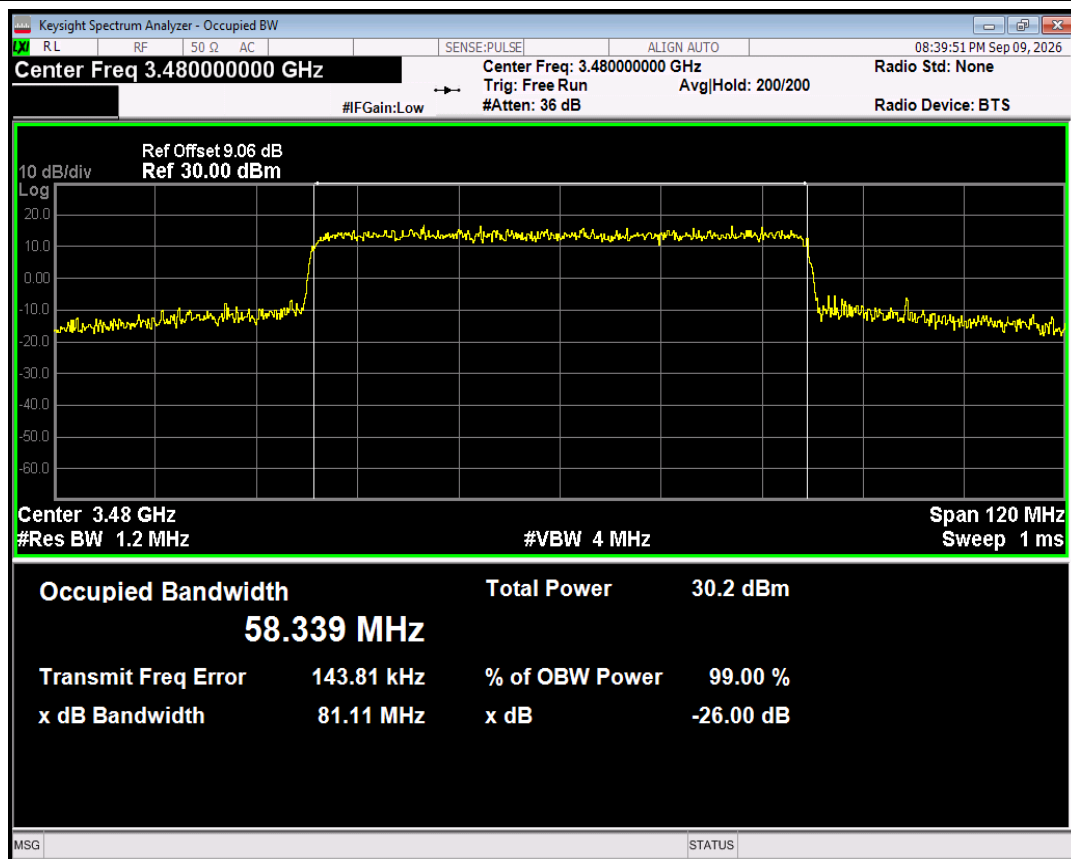
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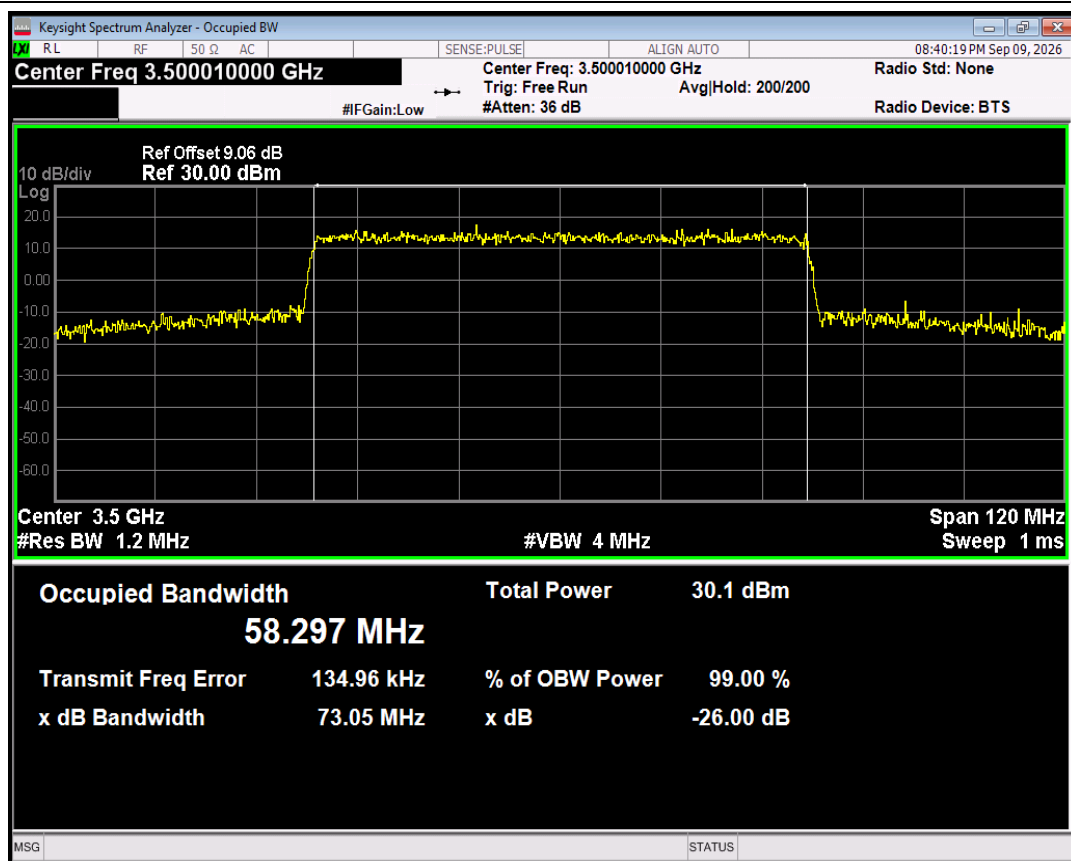
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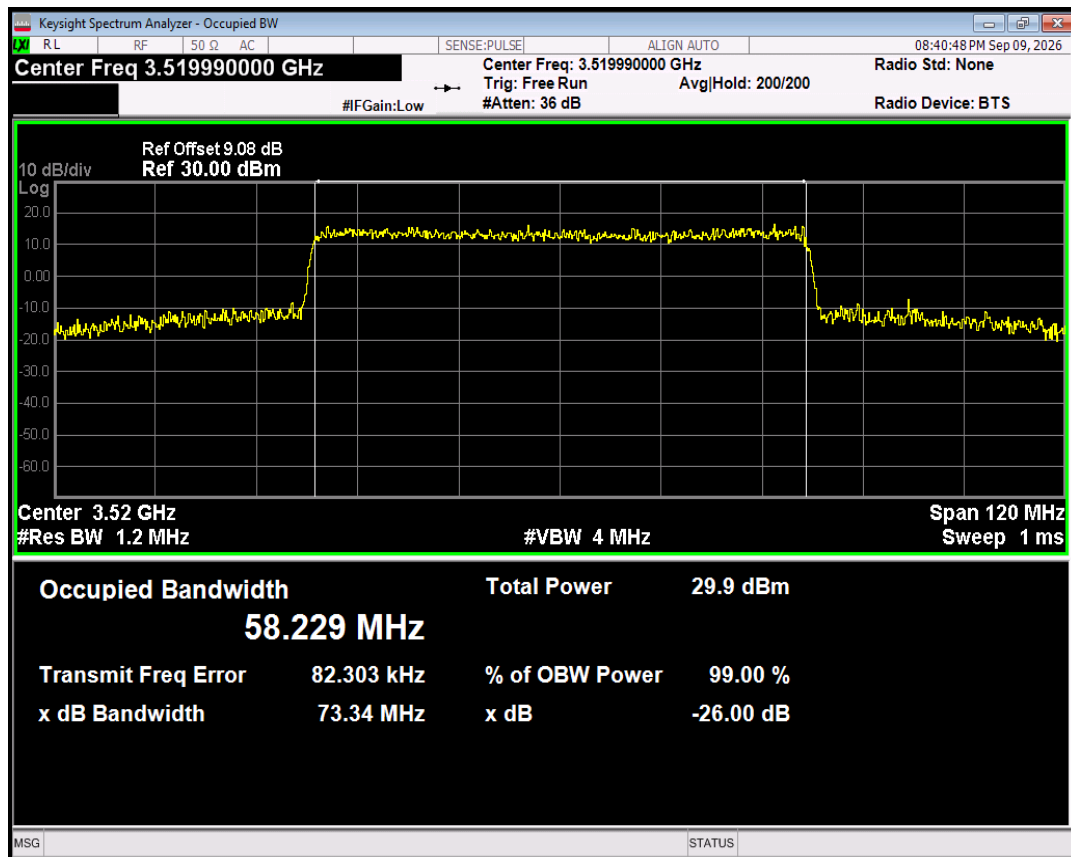
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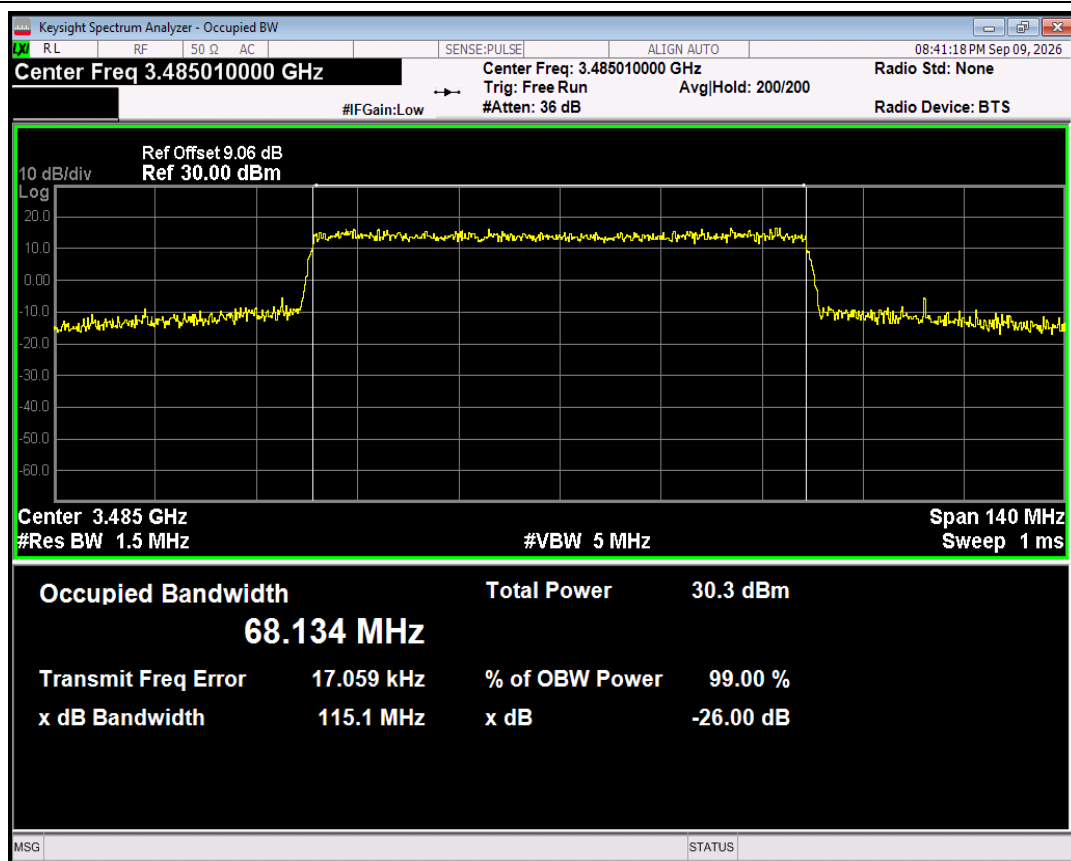
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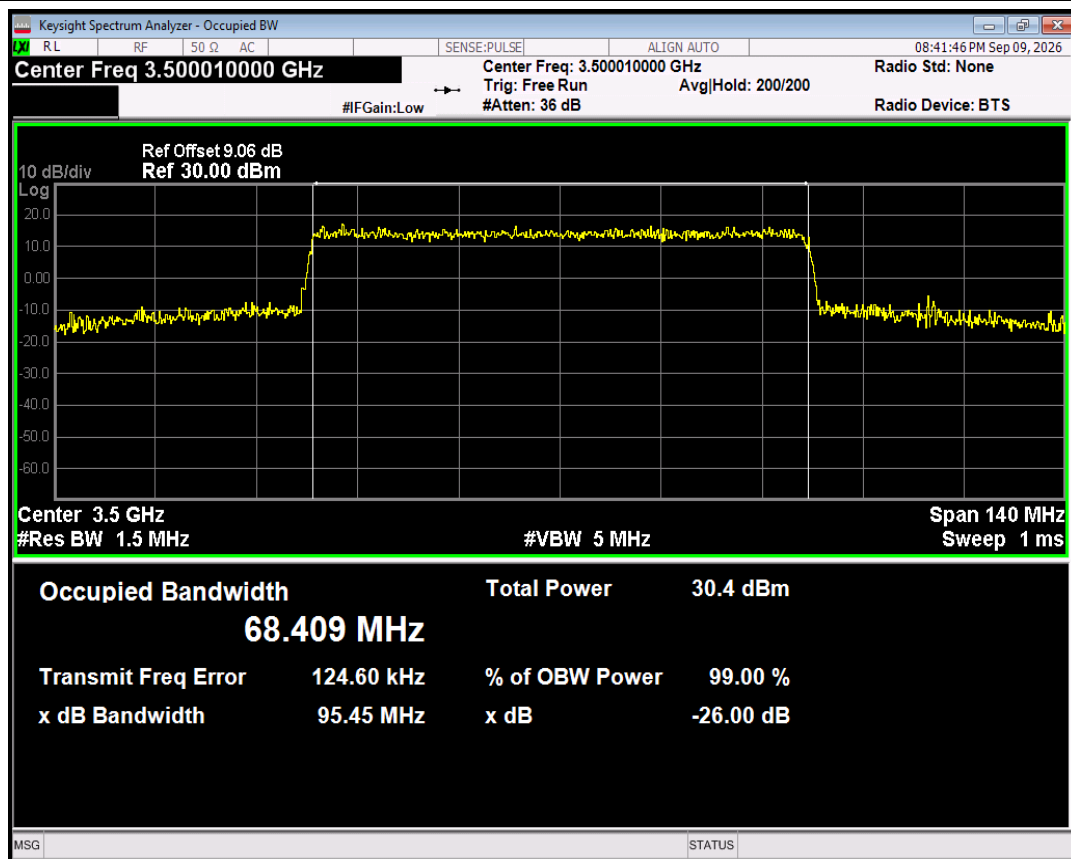
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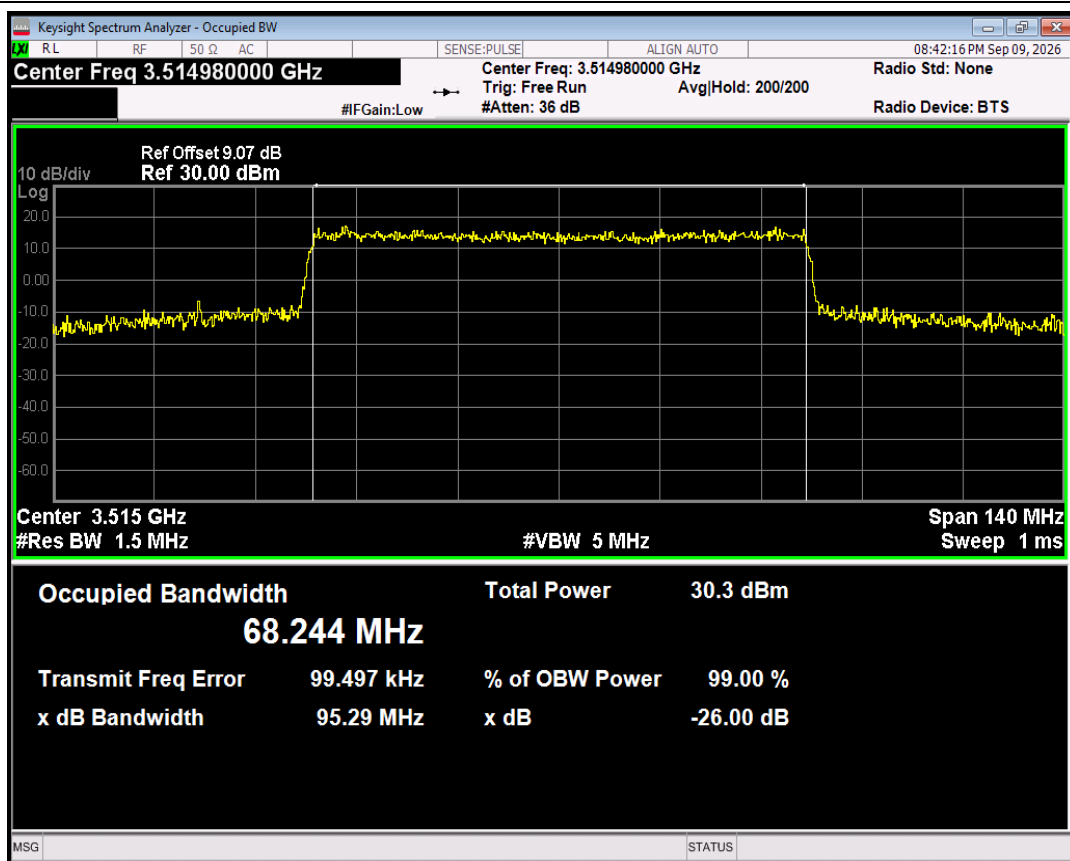
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=634666 RB=162@0



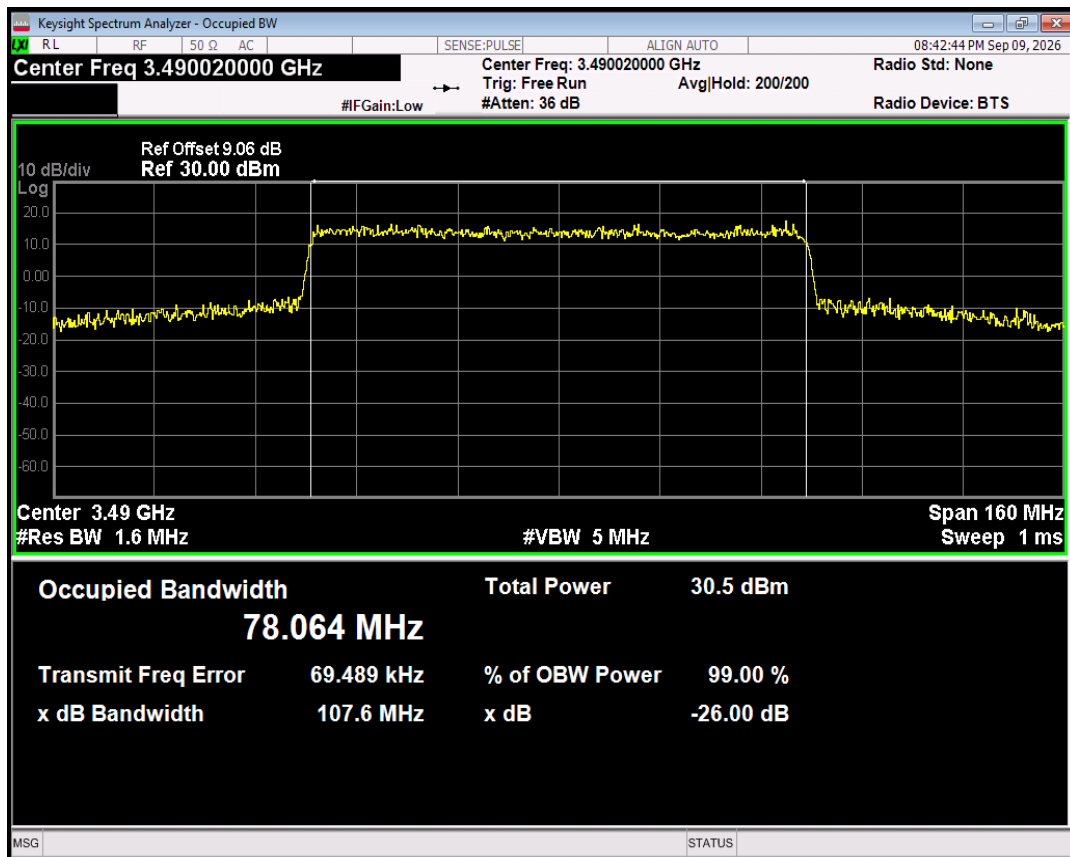
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=632334 RB=189@0



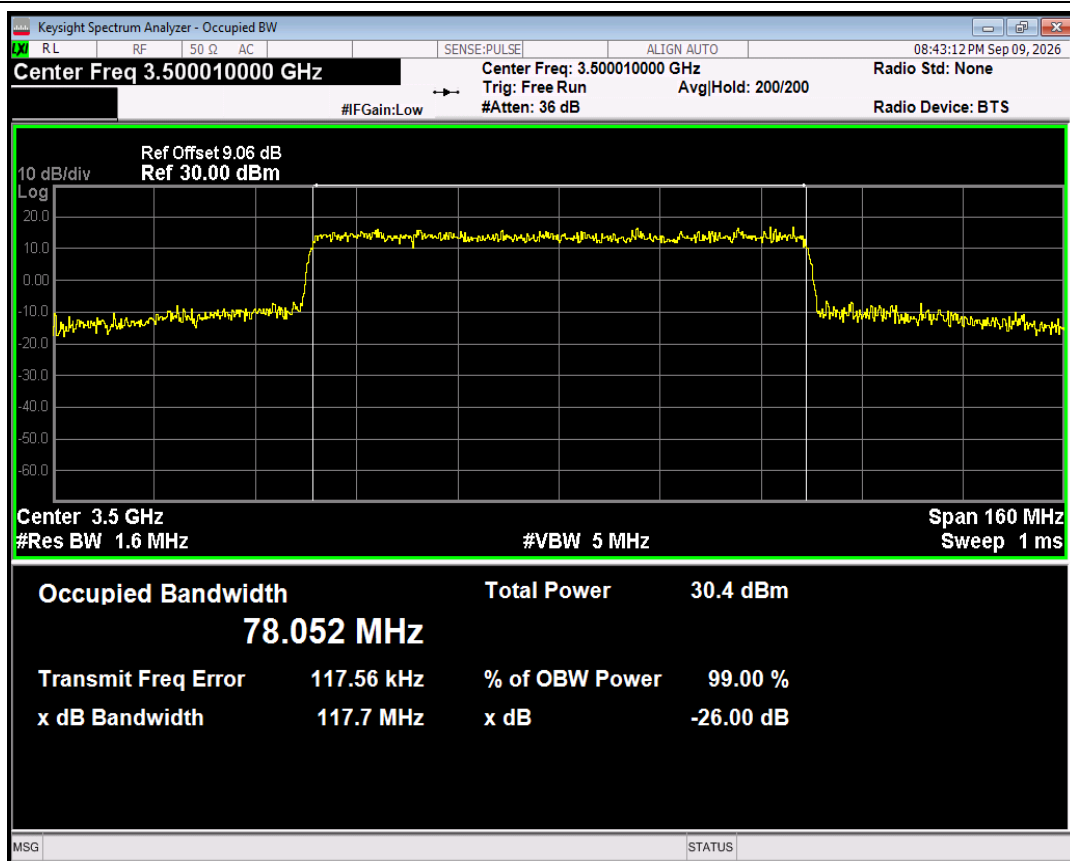
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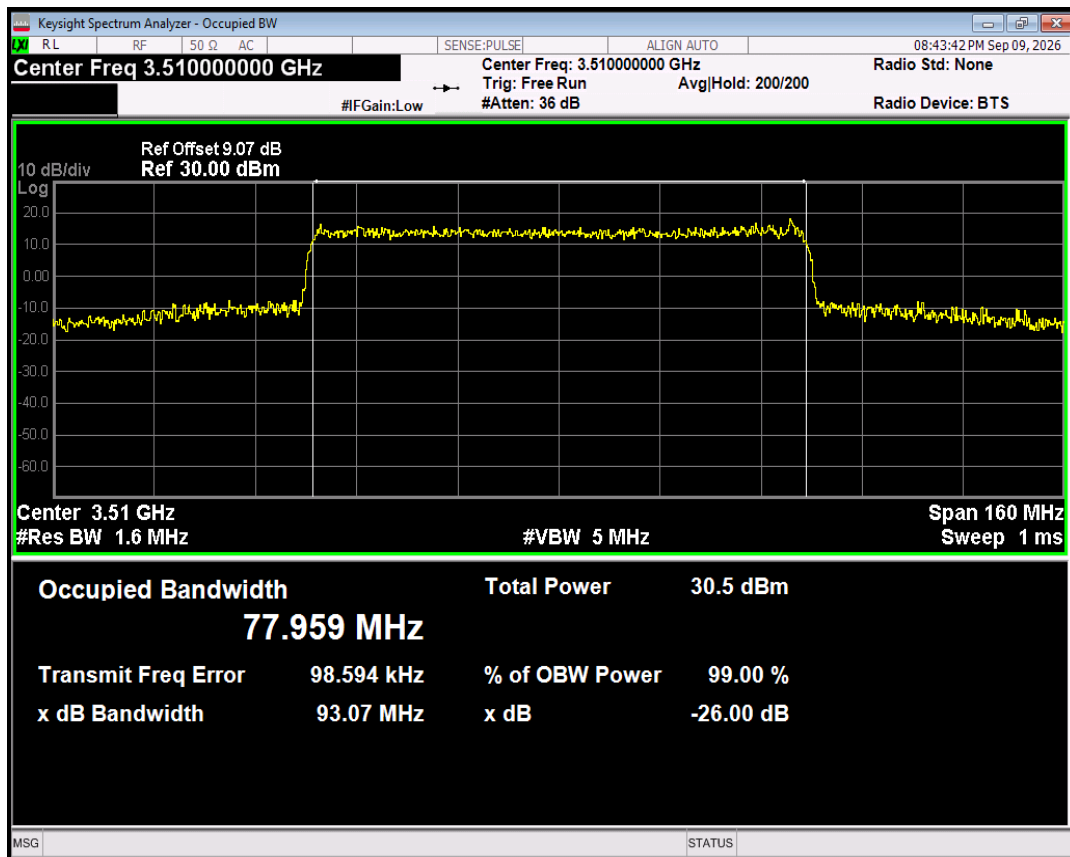
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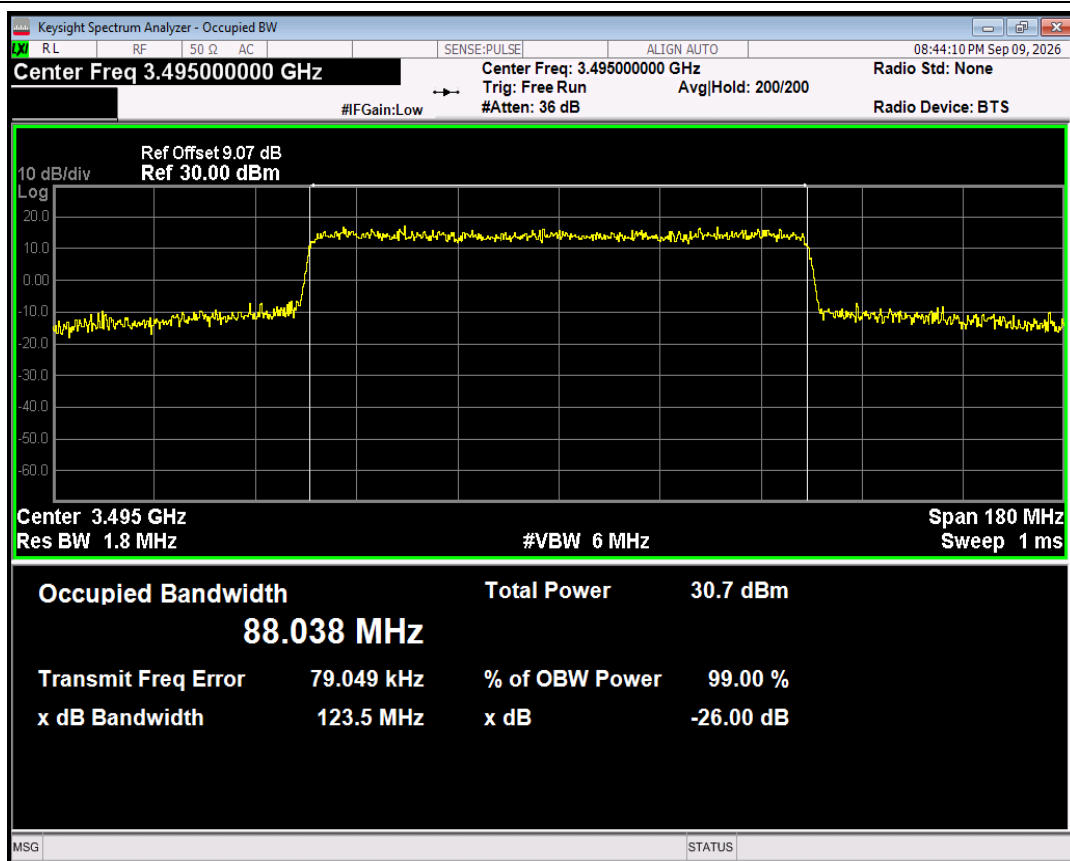
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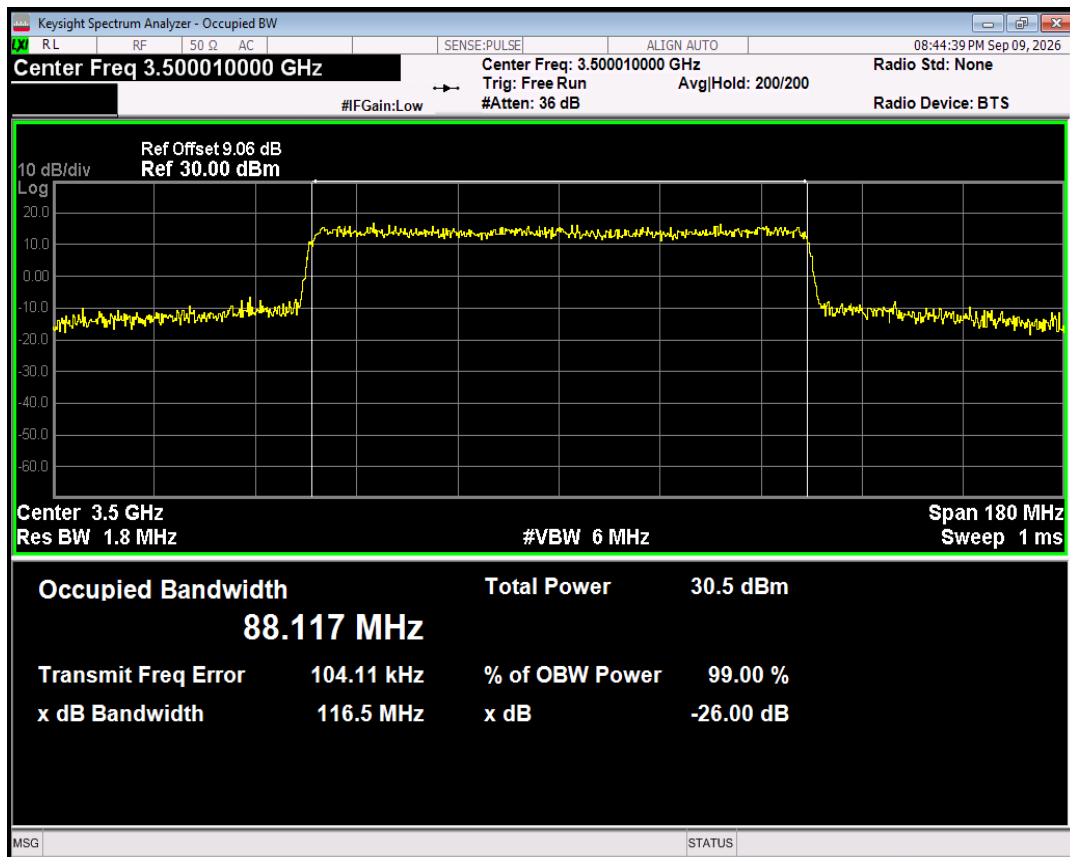
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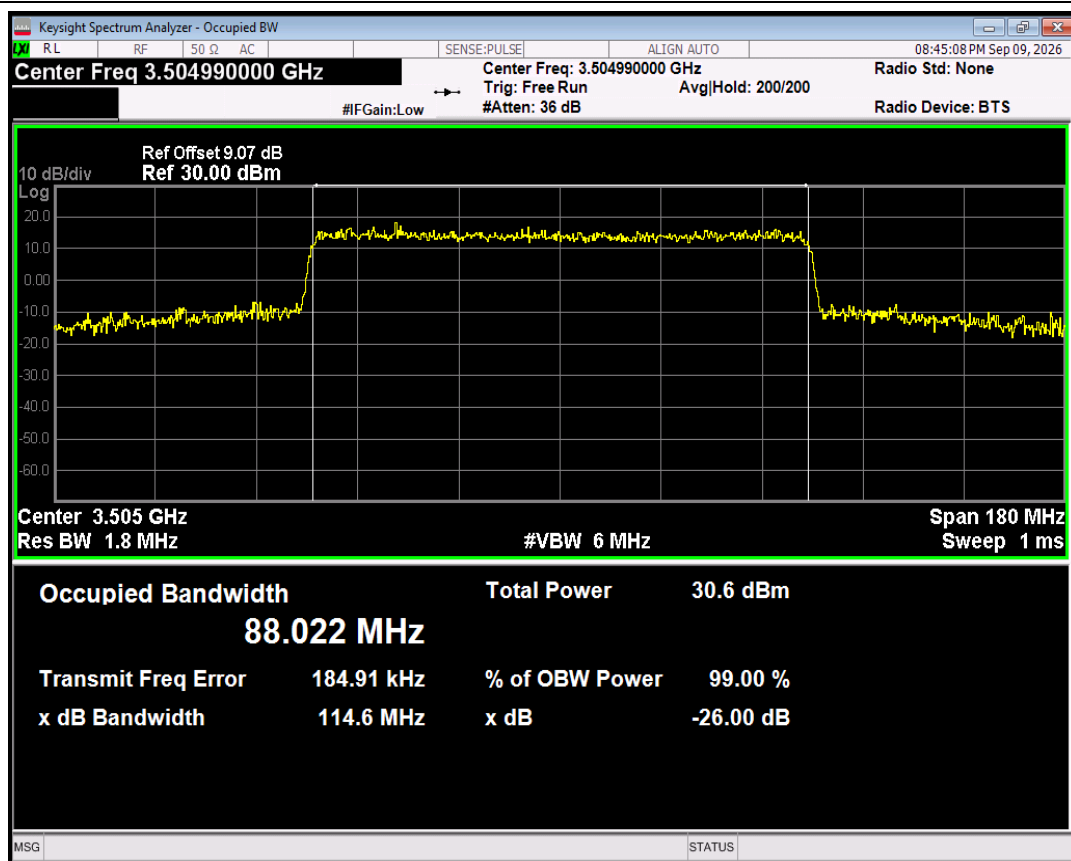
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=634000 RB=217@0



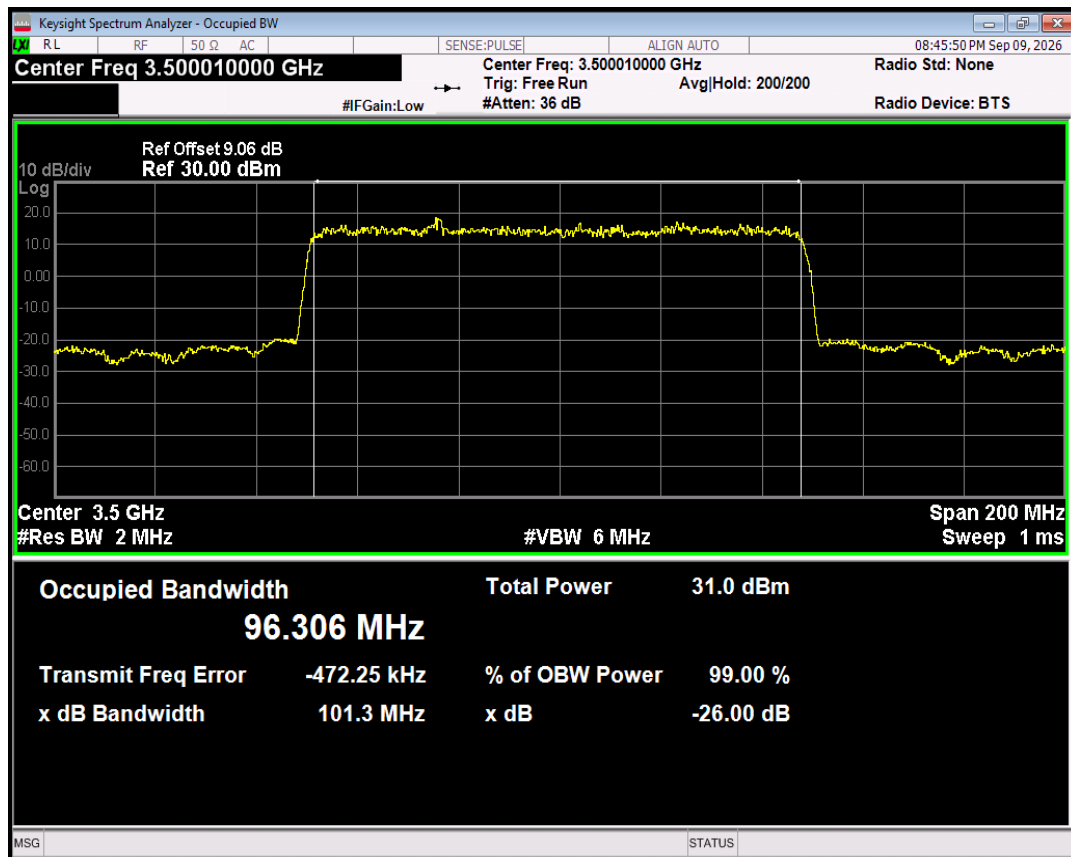
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633000 RB=245@0



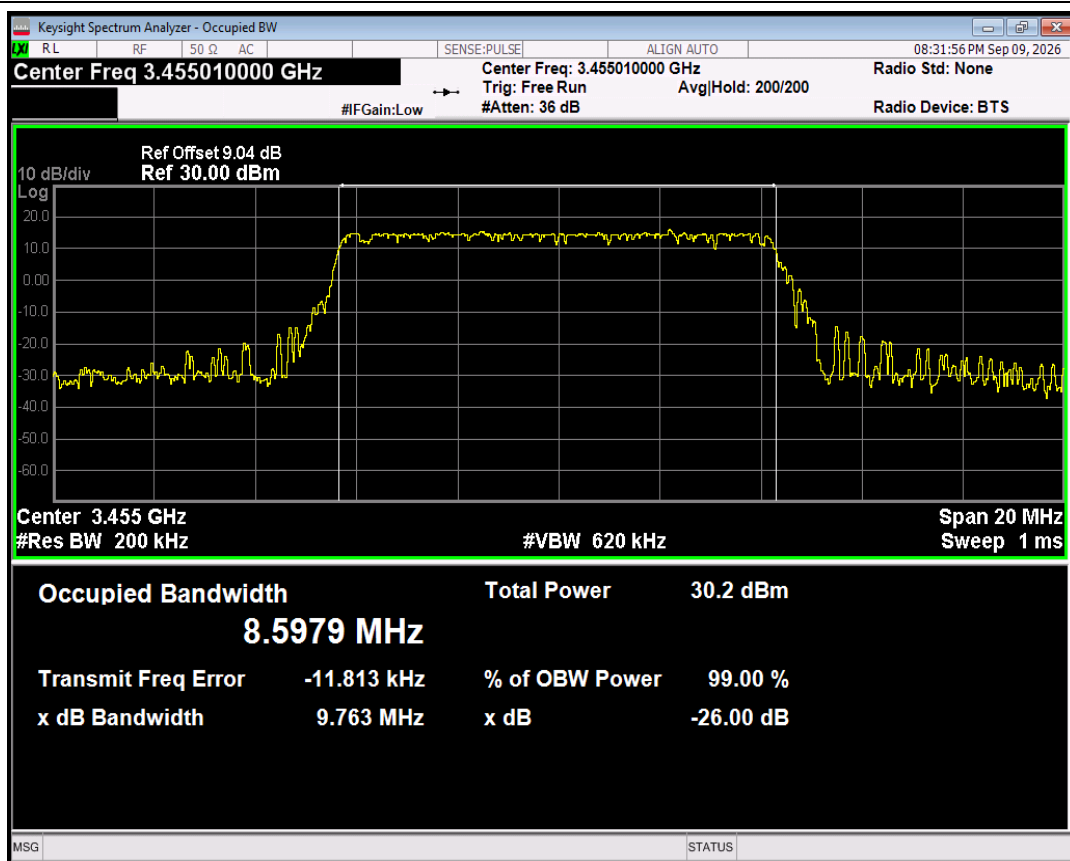
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633334 RB=245@0



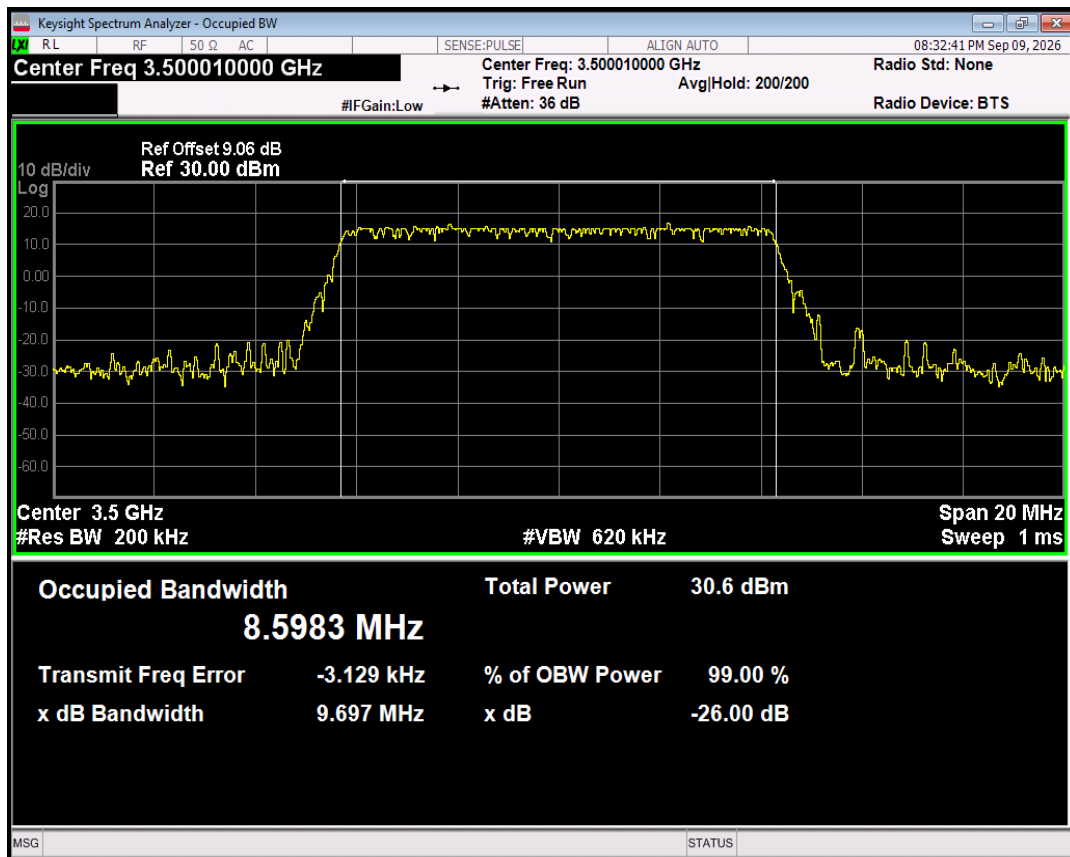
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633666 RB=245@0



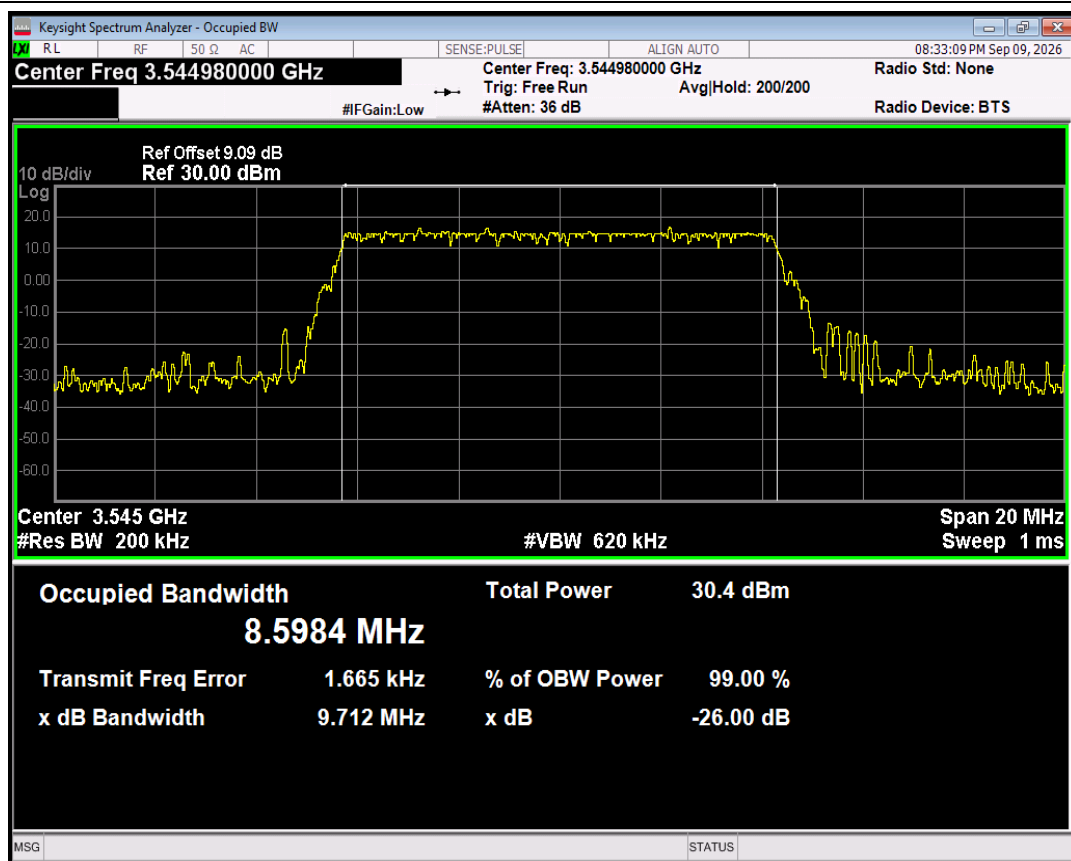
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



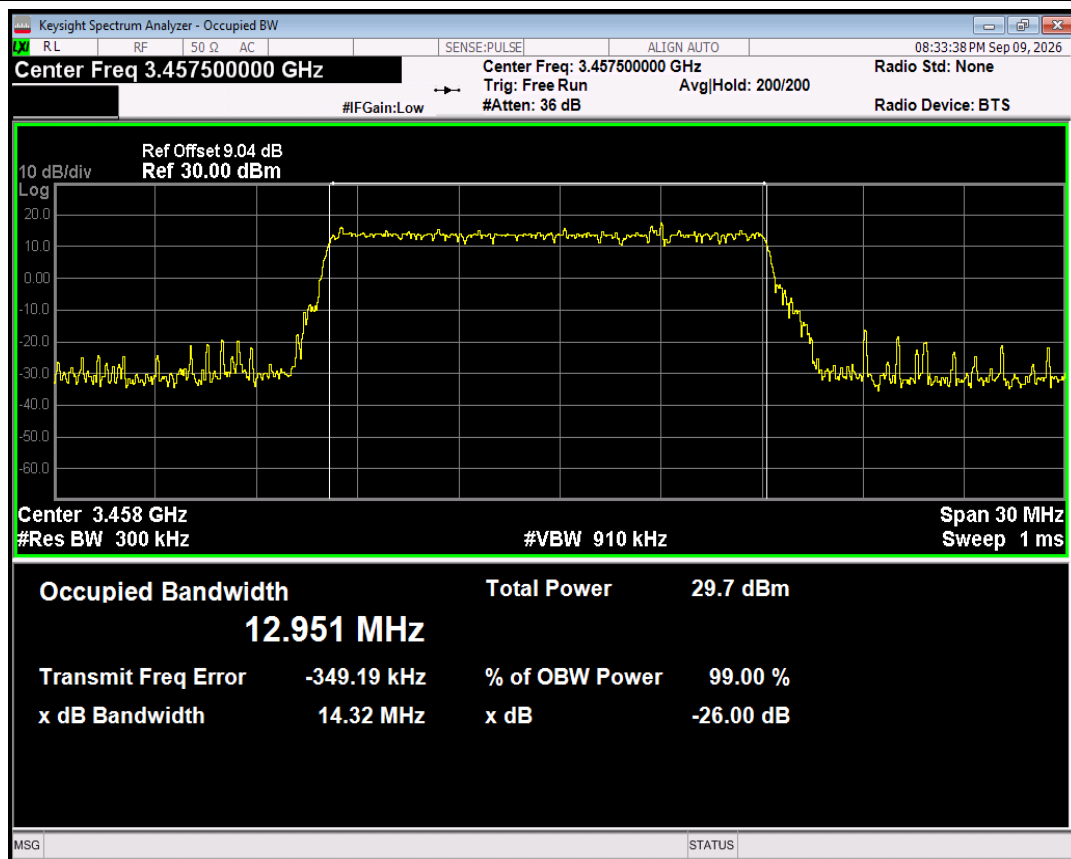
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=630334 RB=24@0



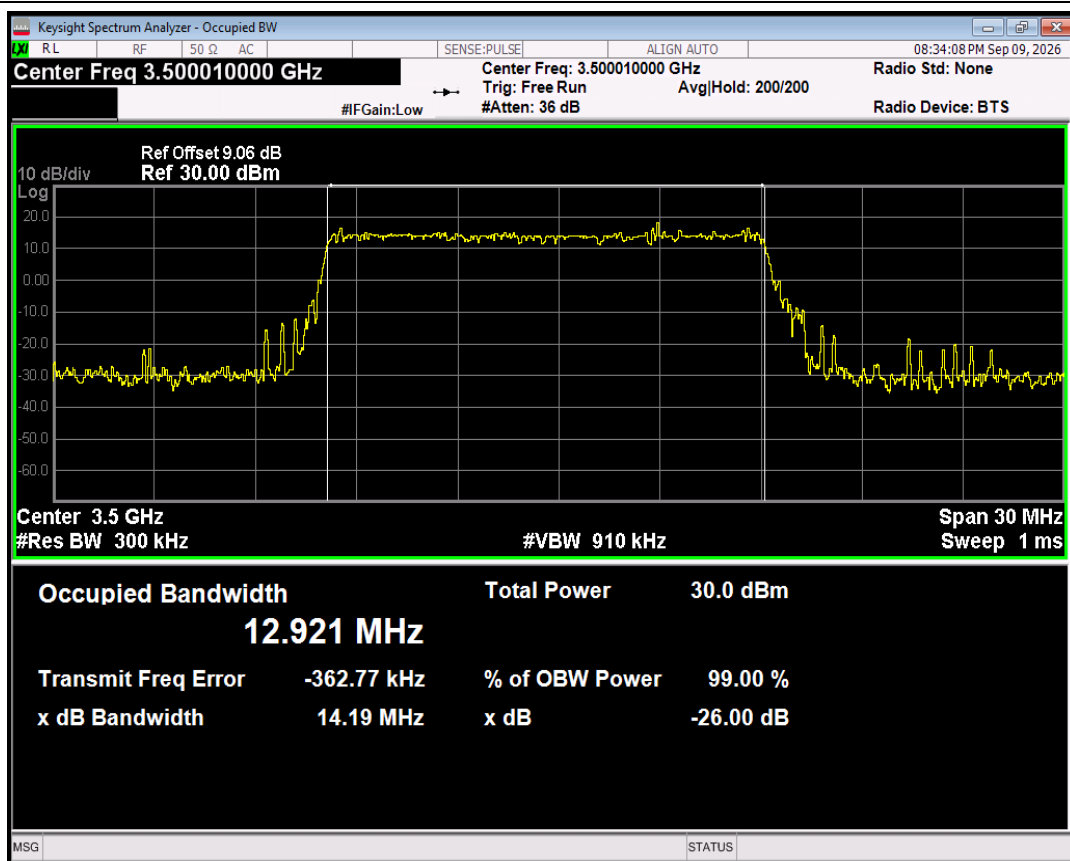
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



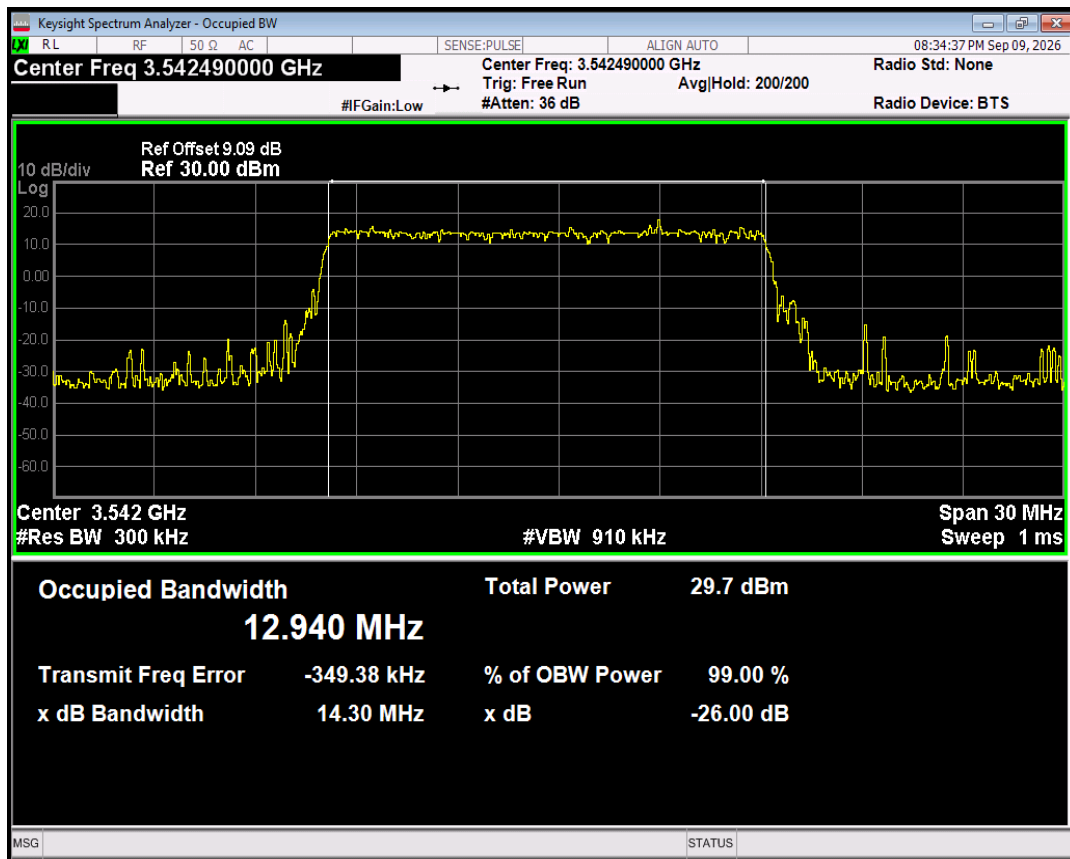
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=636332 RB=24@0



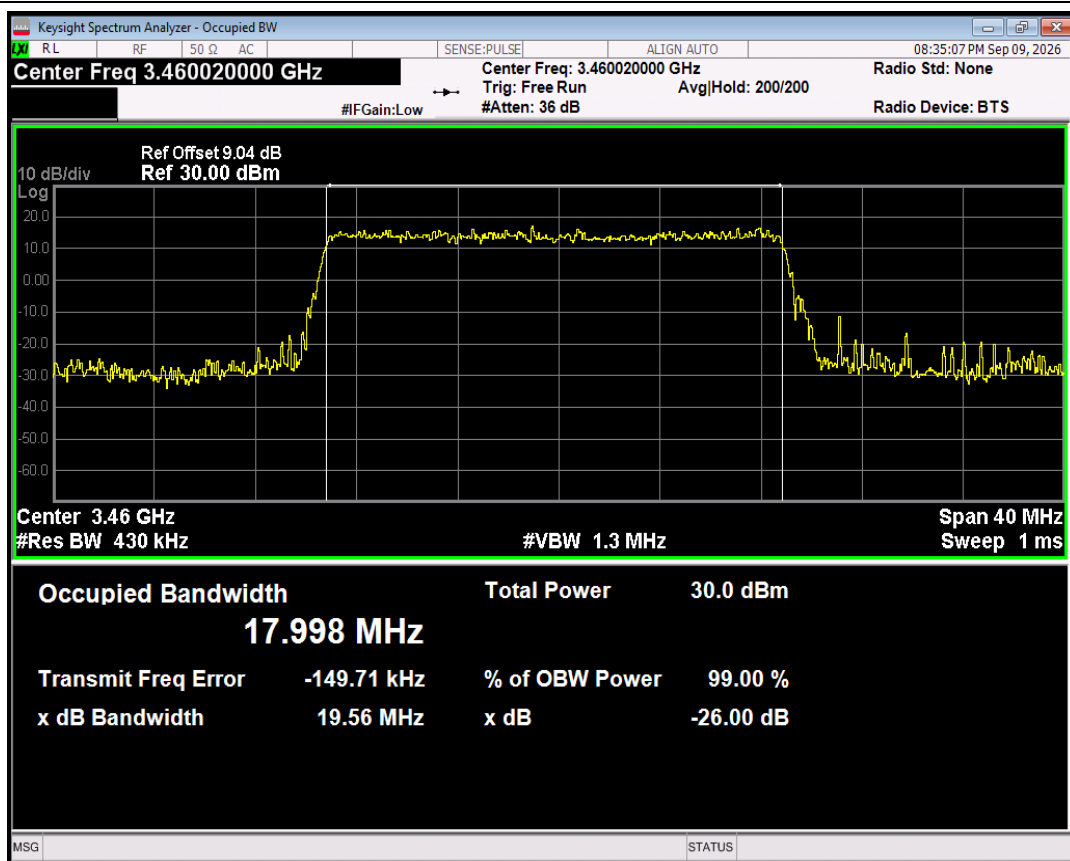
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=630500 RB=36@0



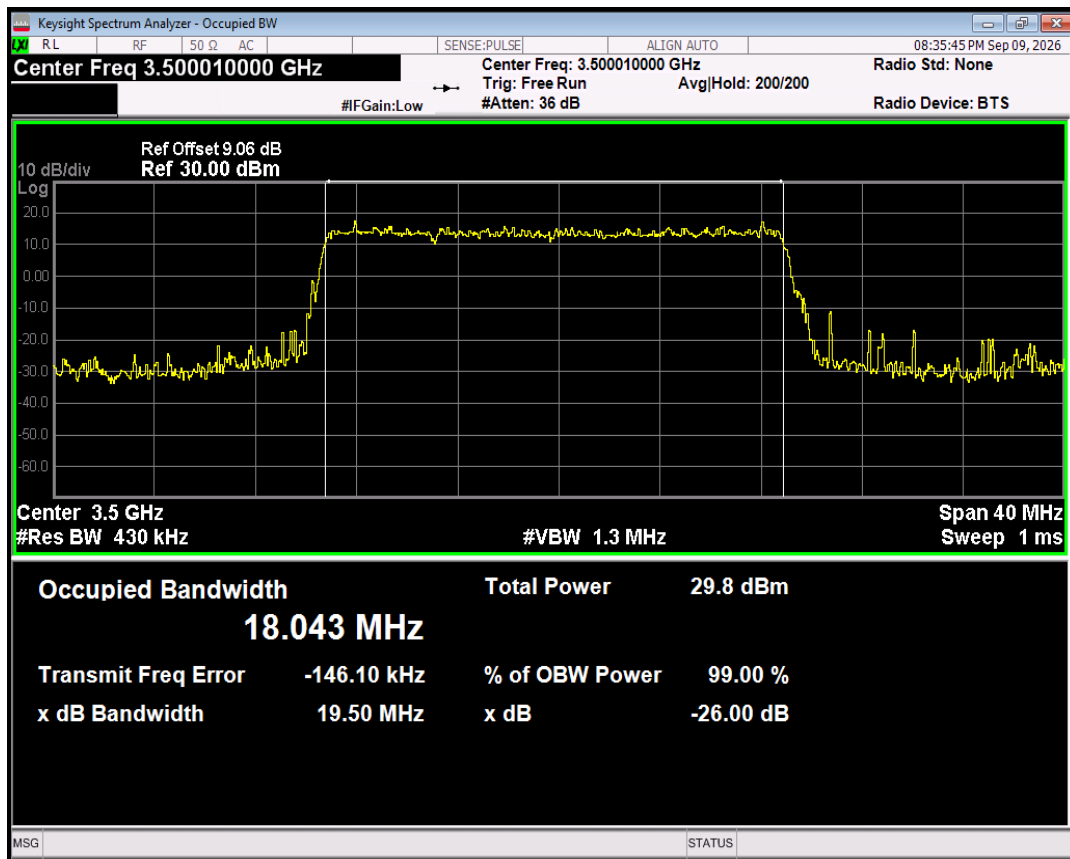
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



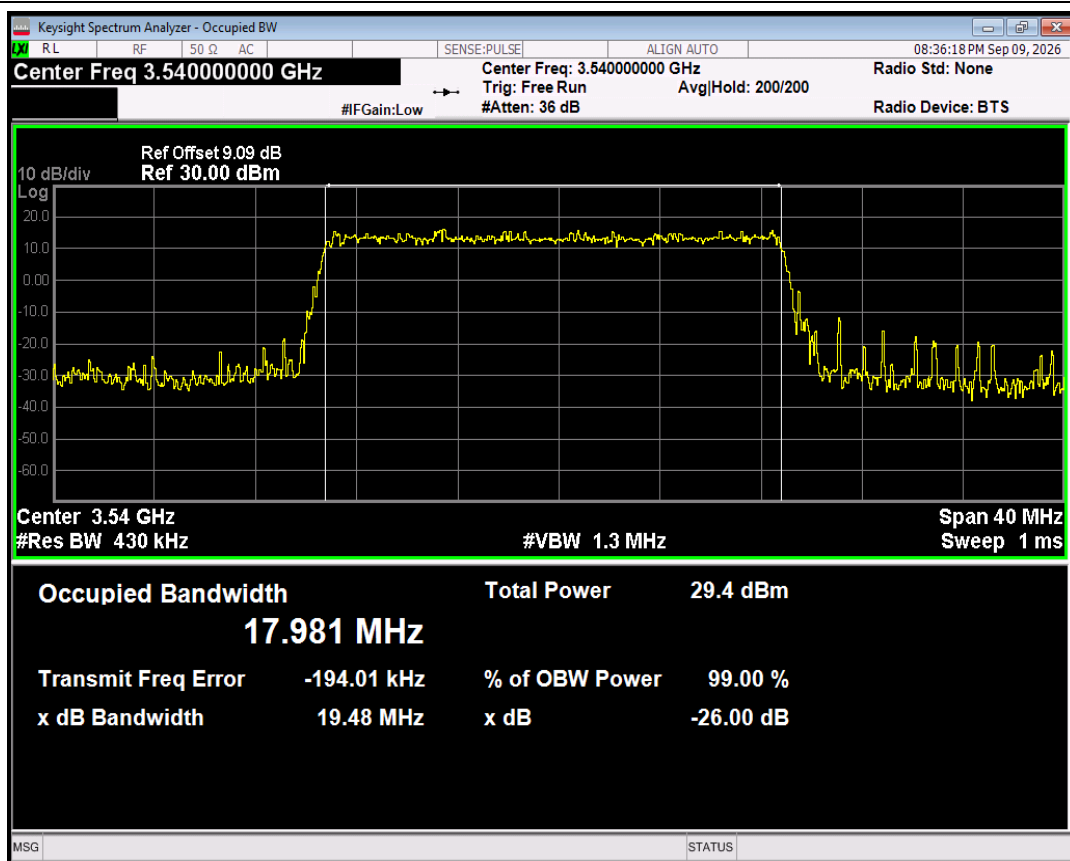
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=636166 RB=36@0



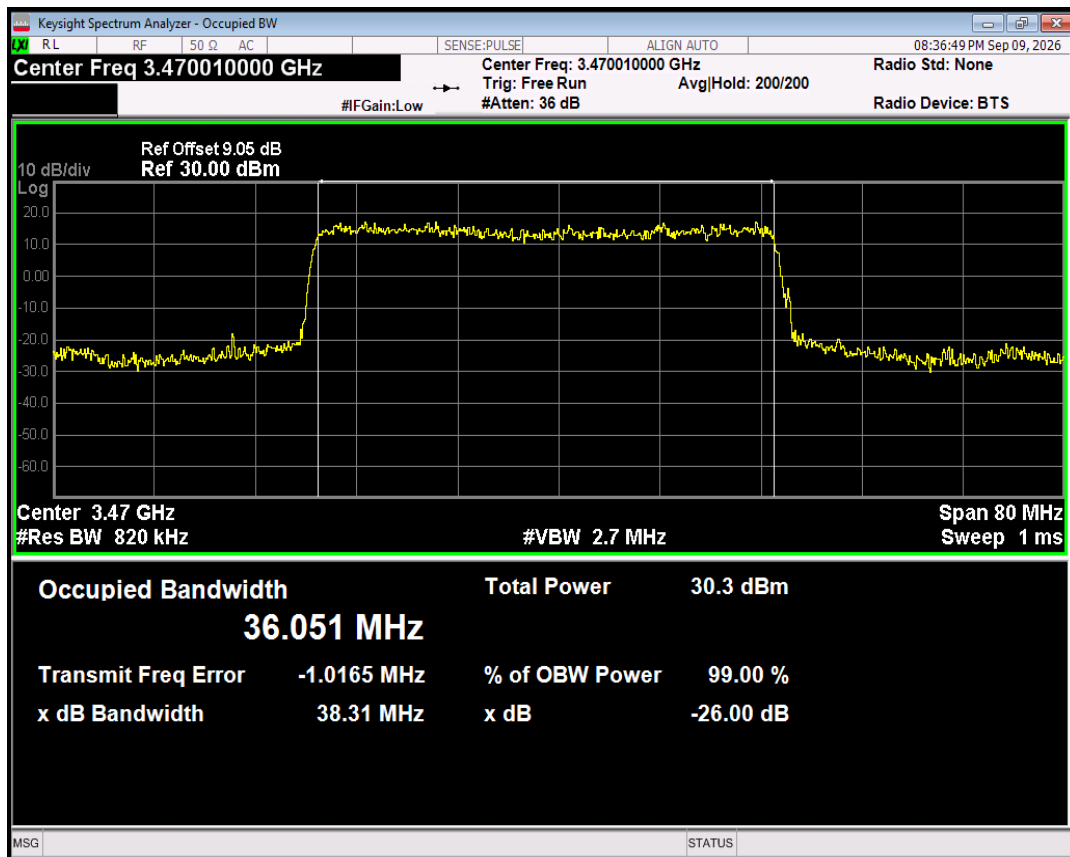
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=50@0



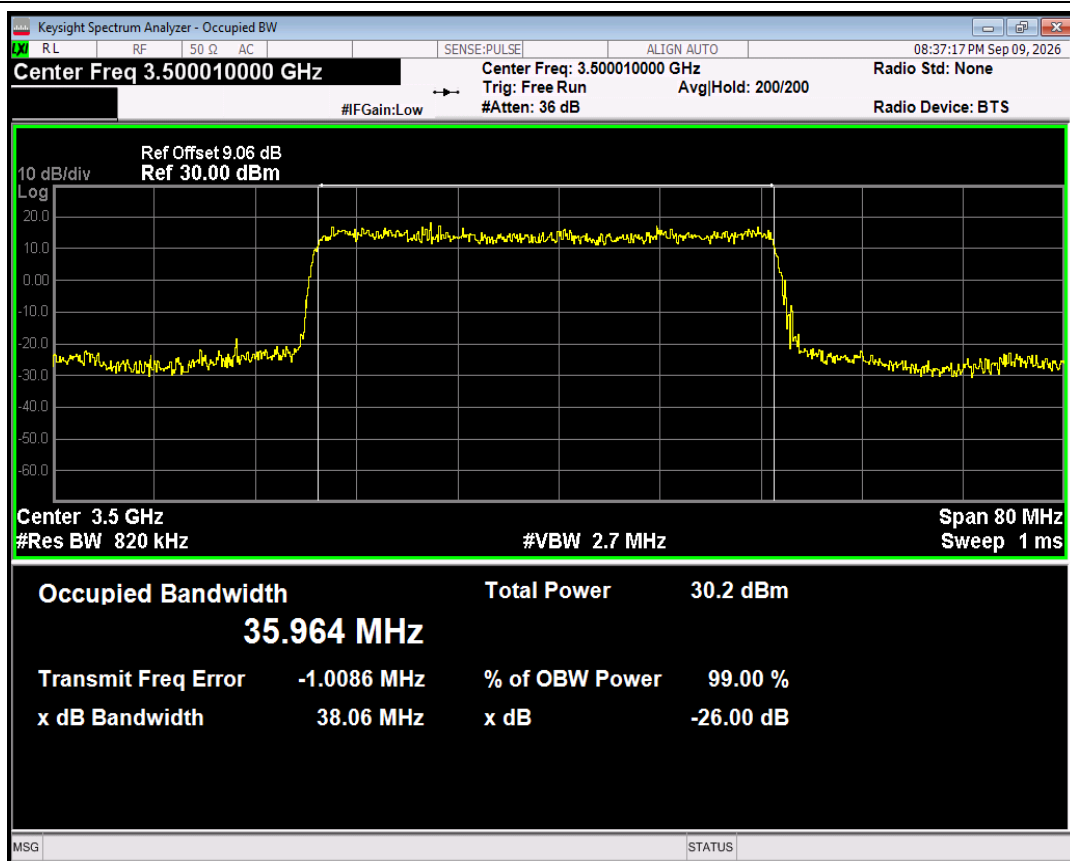
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



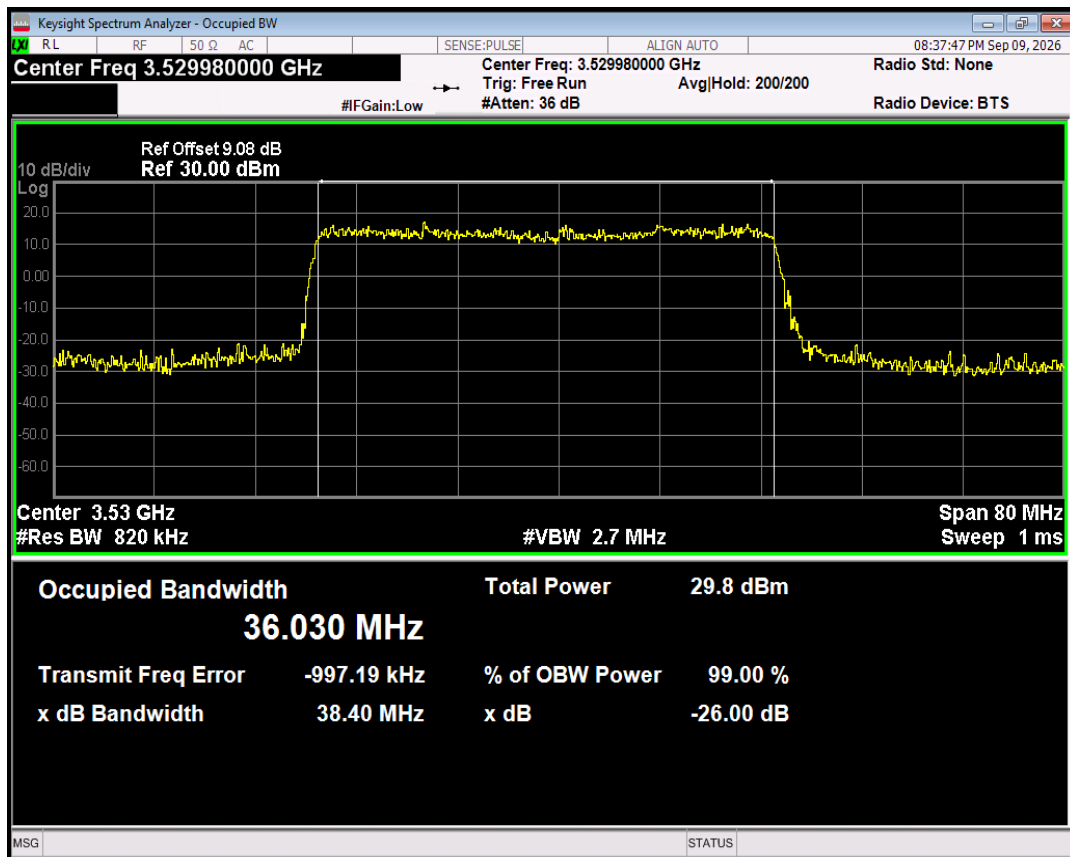
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=636000 RB=50@0



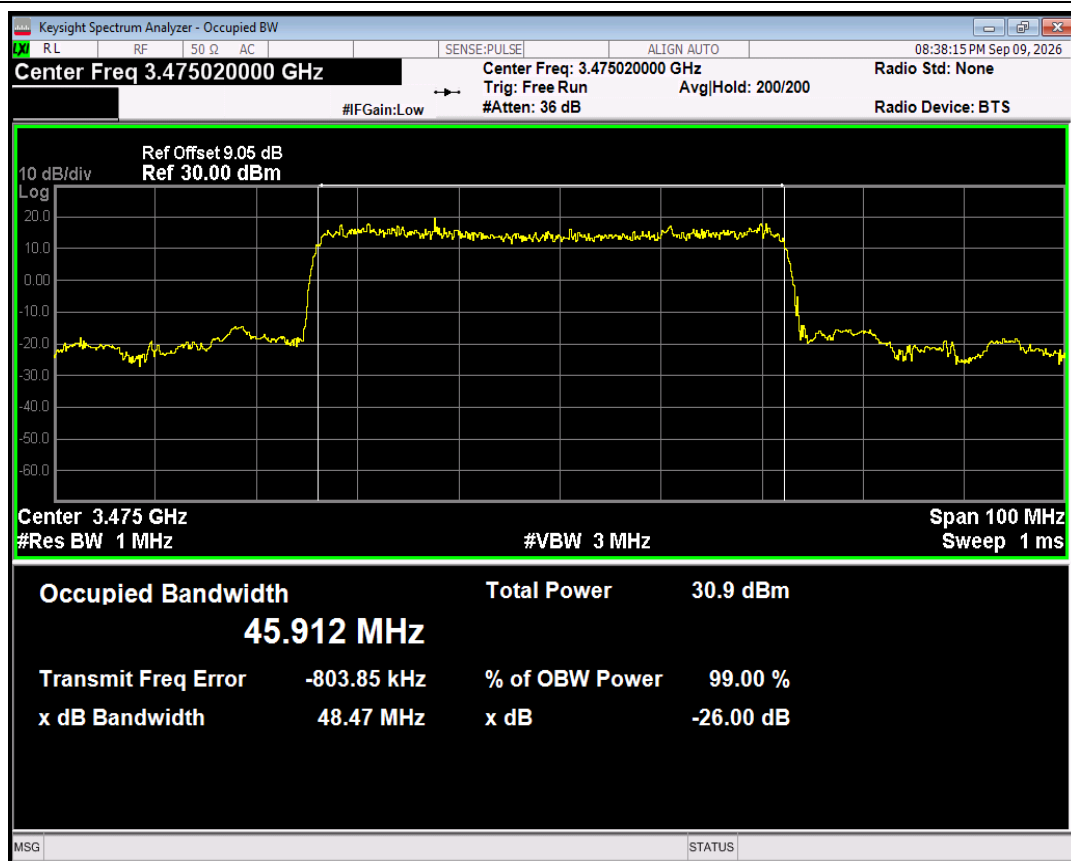
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=631334 RB=100@0



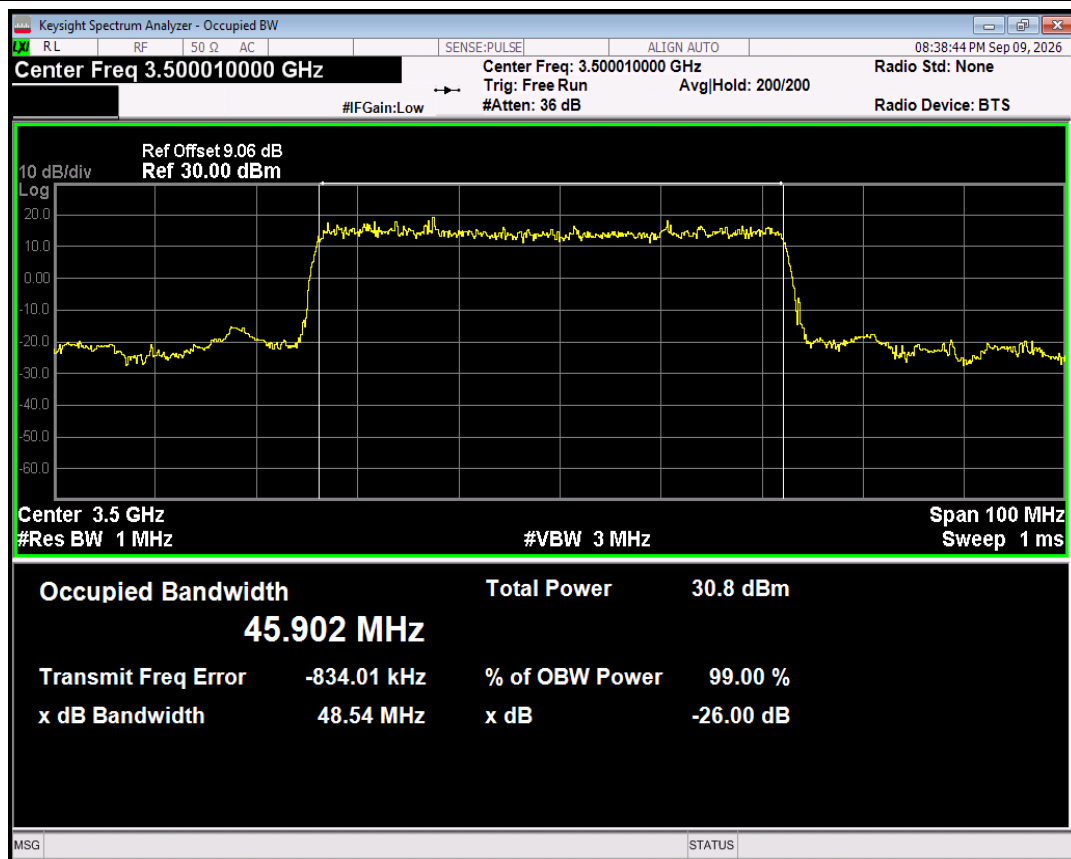
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



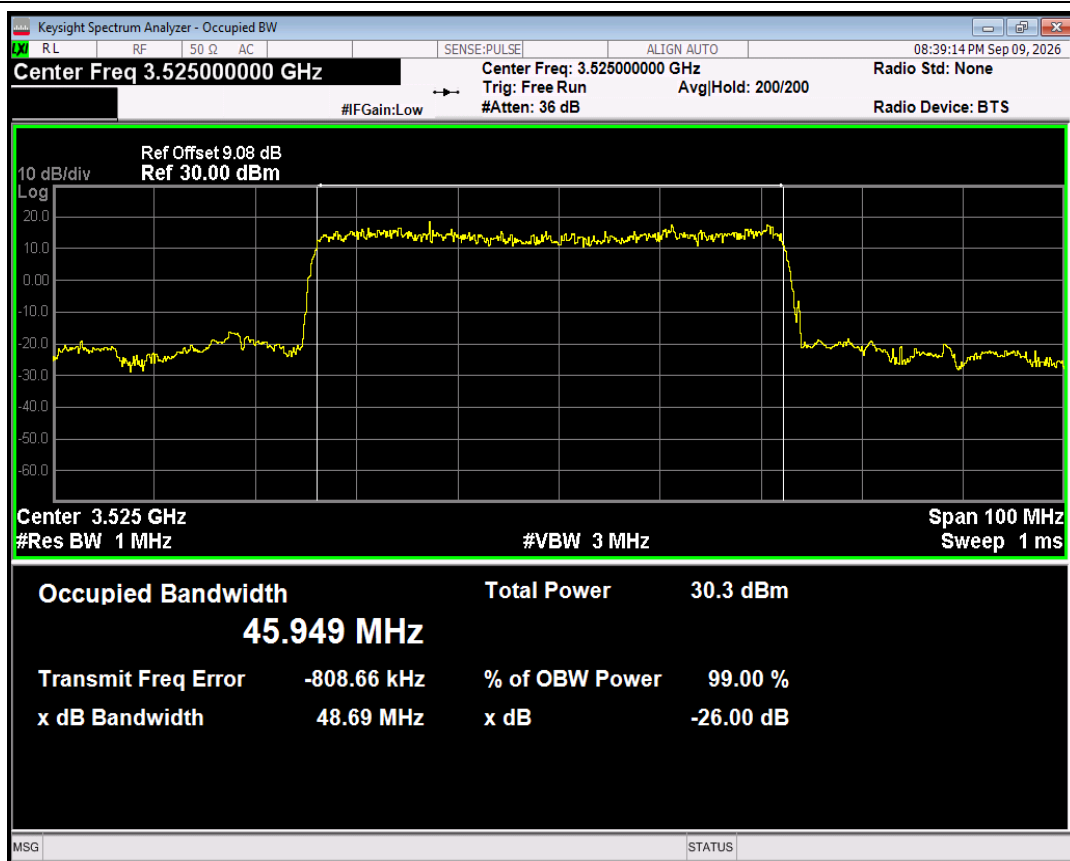
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=635332 RB=100@0



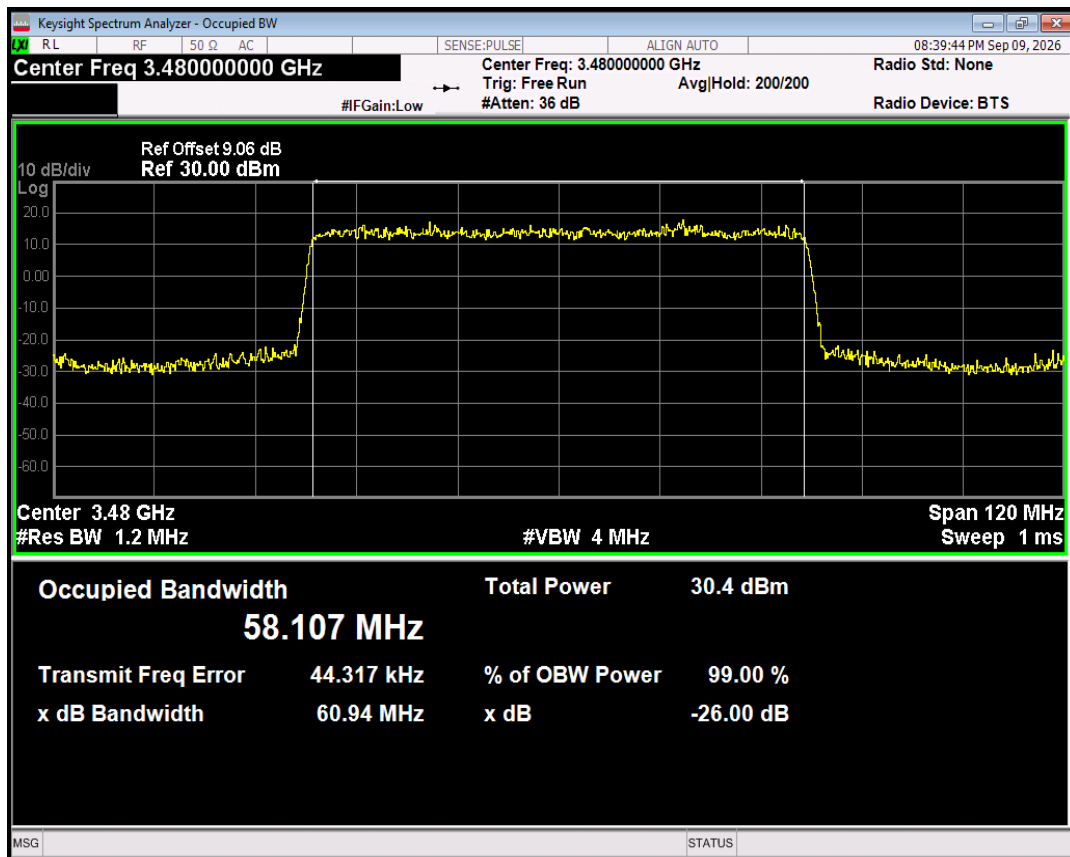
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=631668 RB=128@0



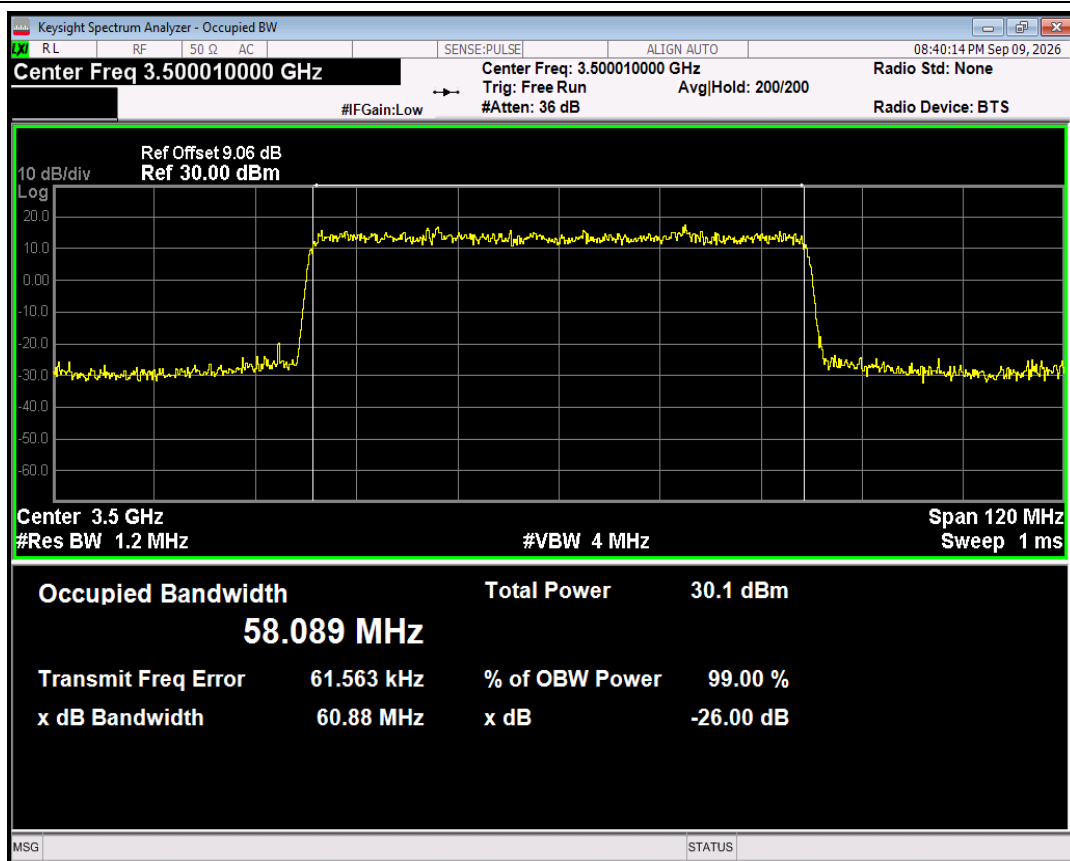
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



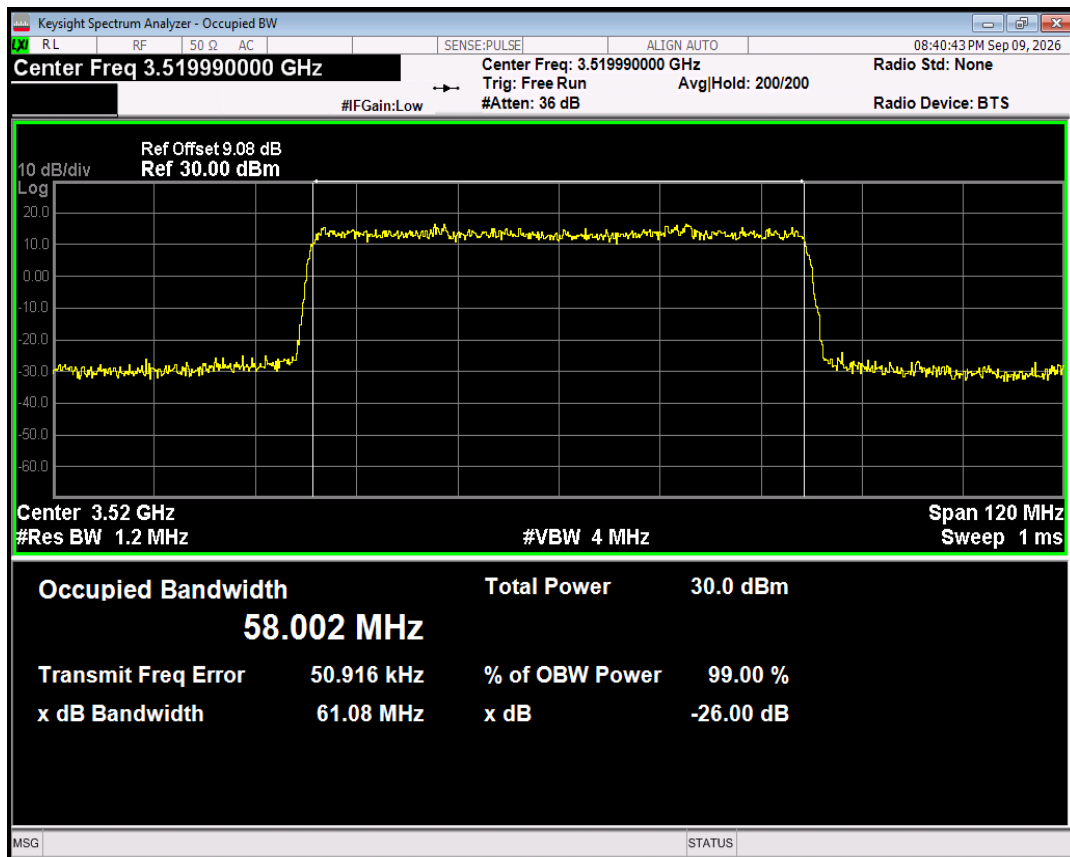
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=635000 RB=128@0



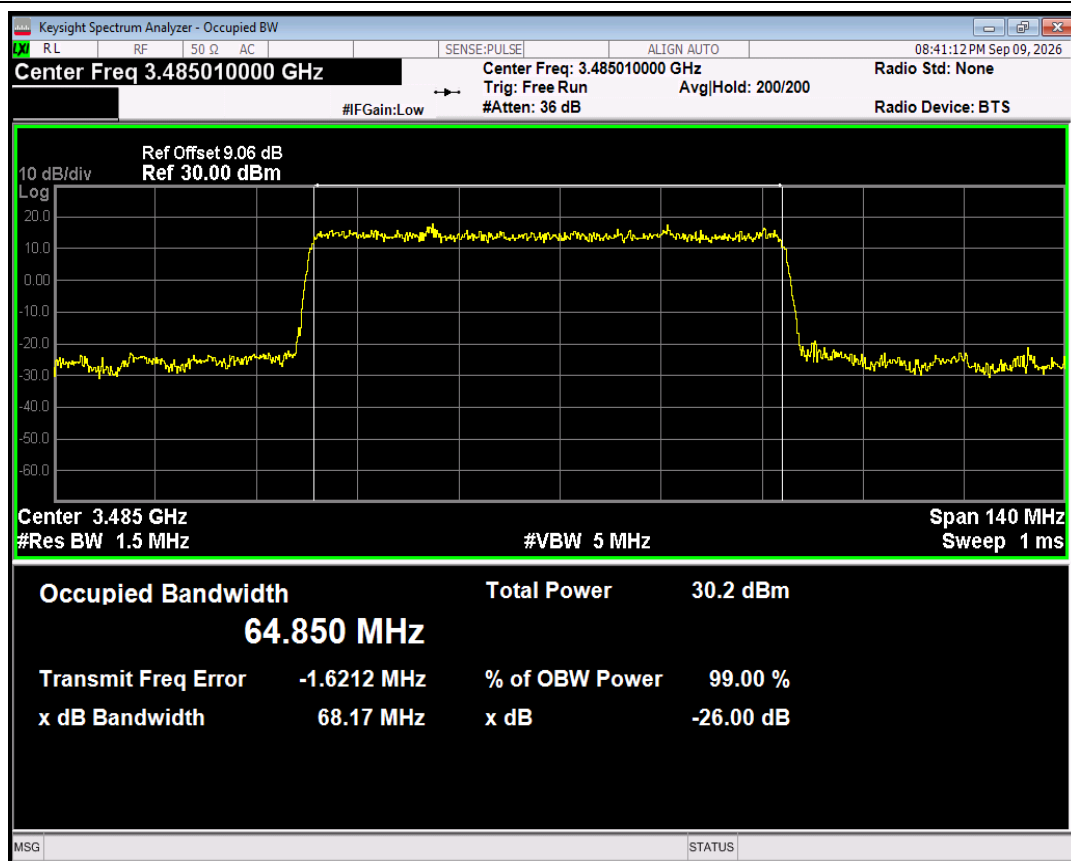
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=632000 RB=162@0



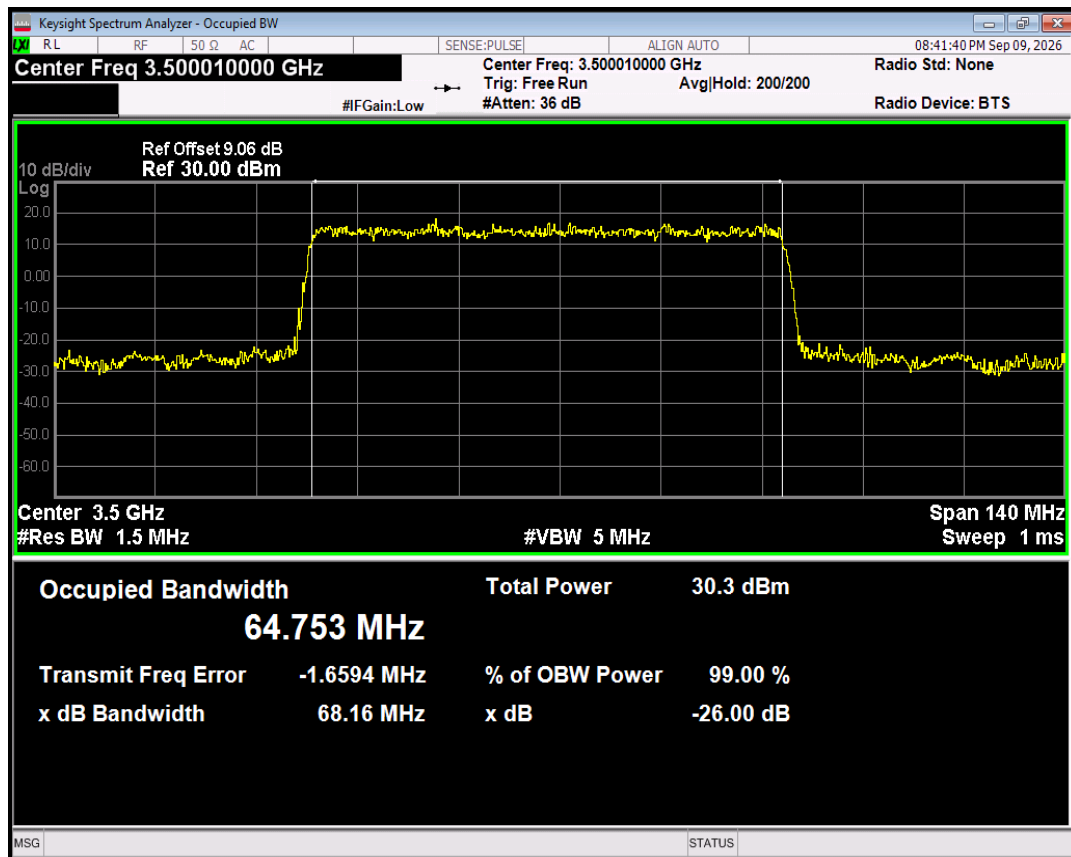
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



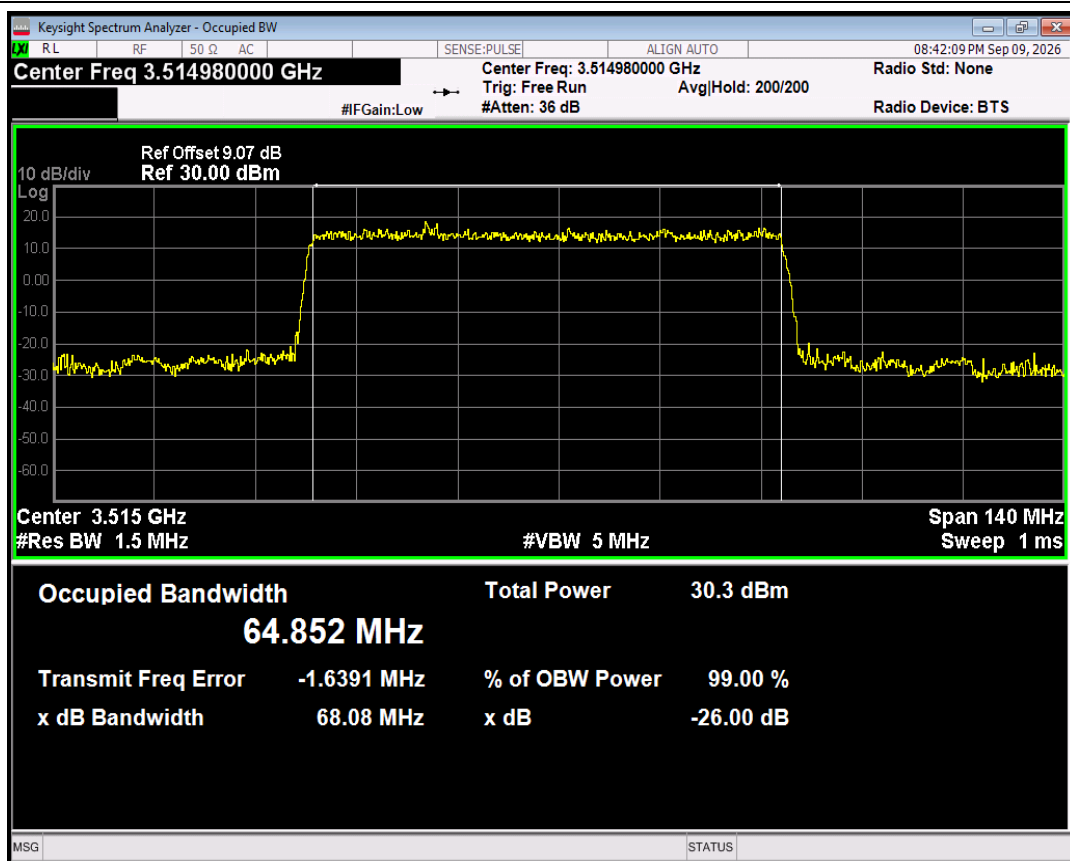
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=634666 RB=162@0



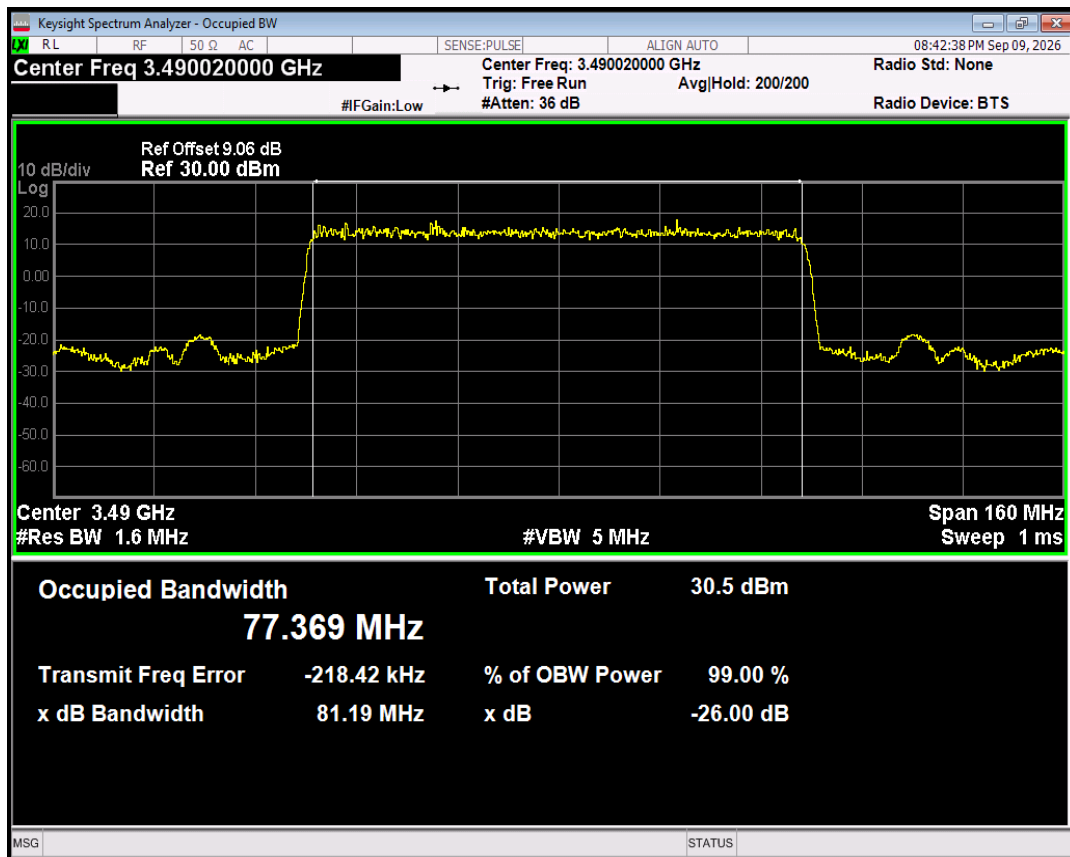
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=632334 RB=180@0



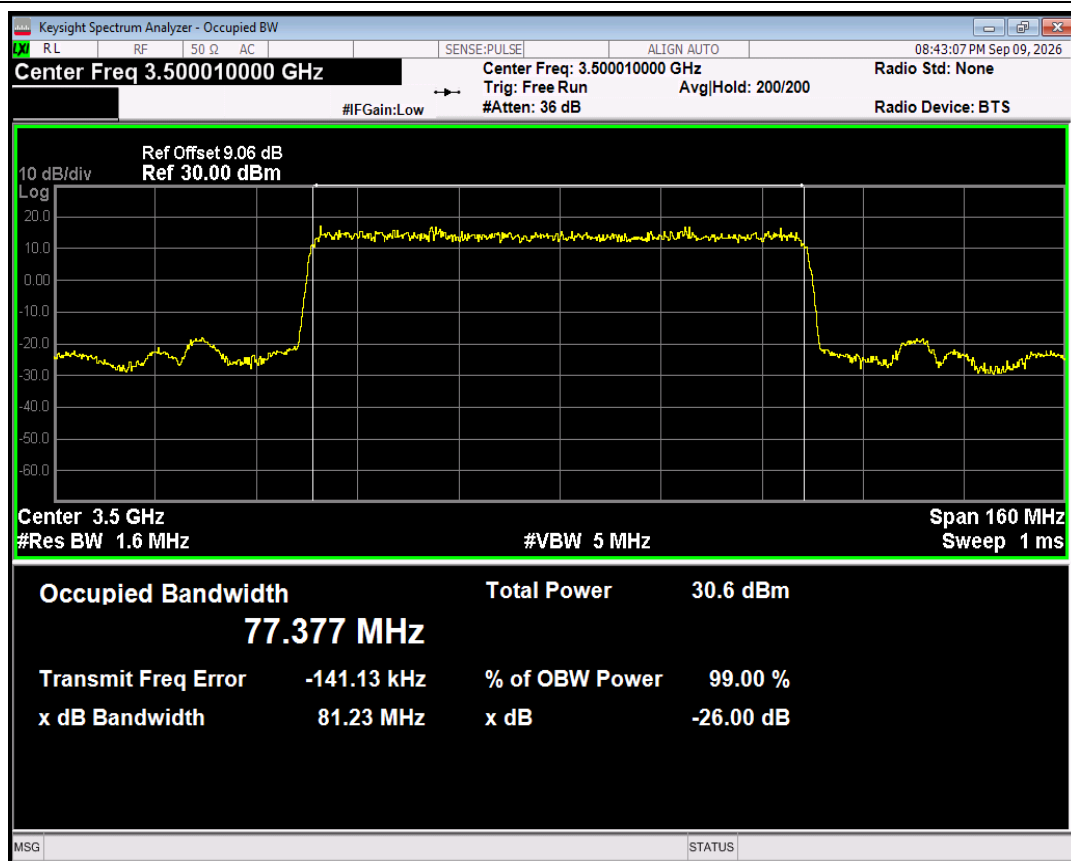
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



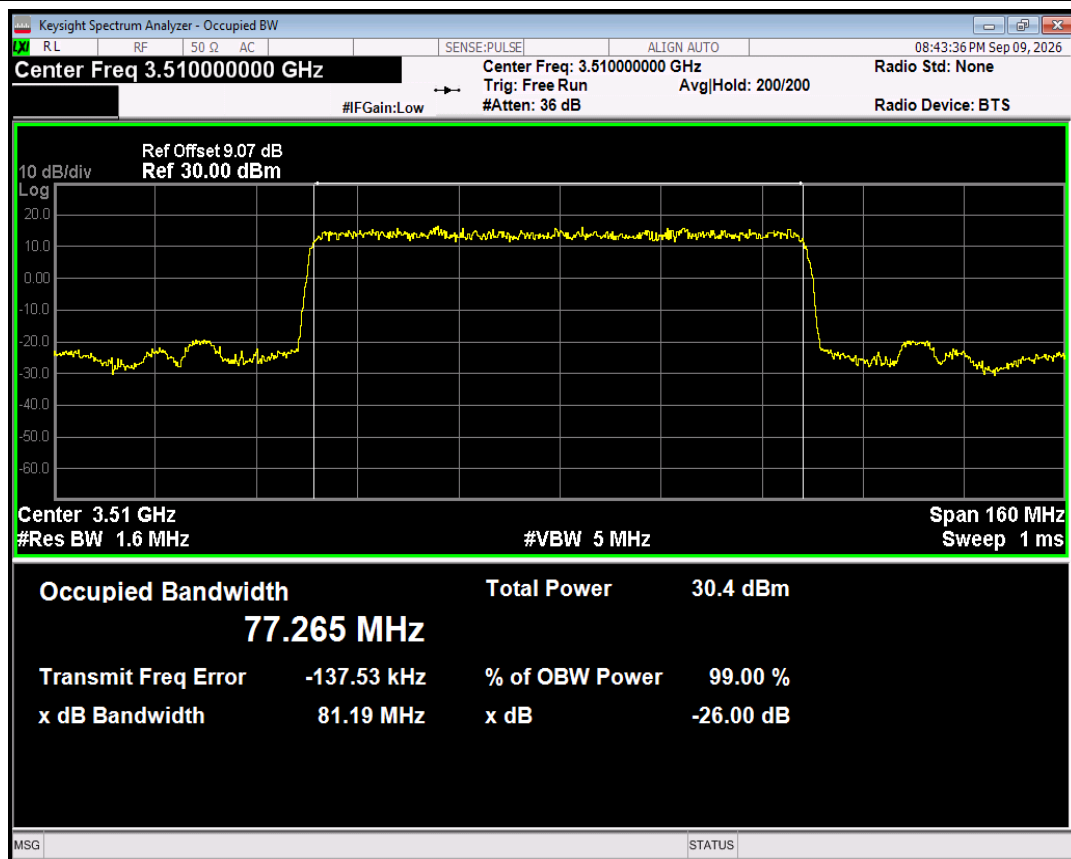
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=634332 RB=180@0



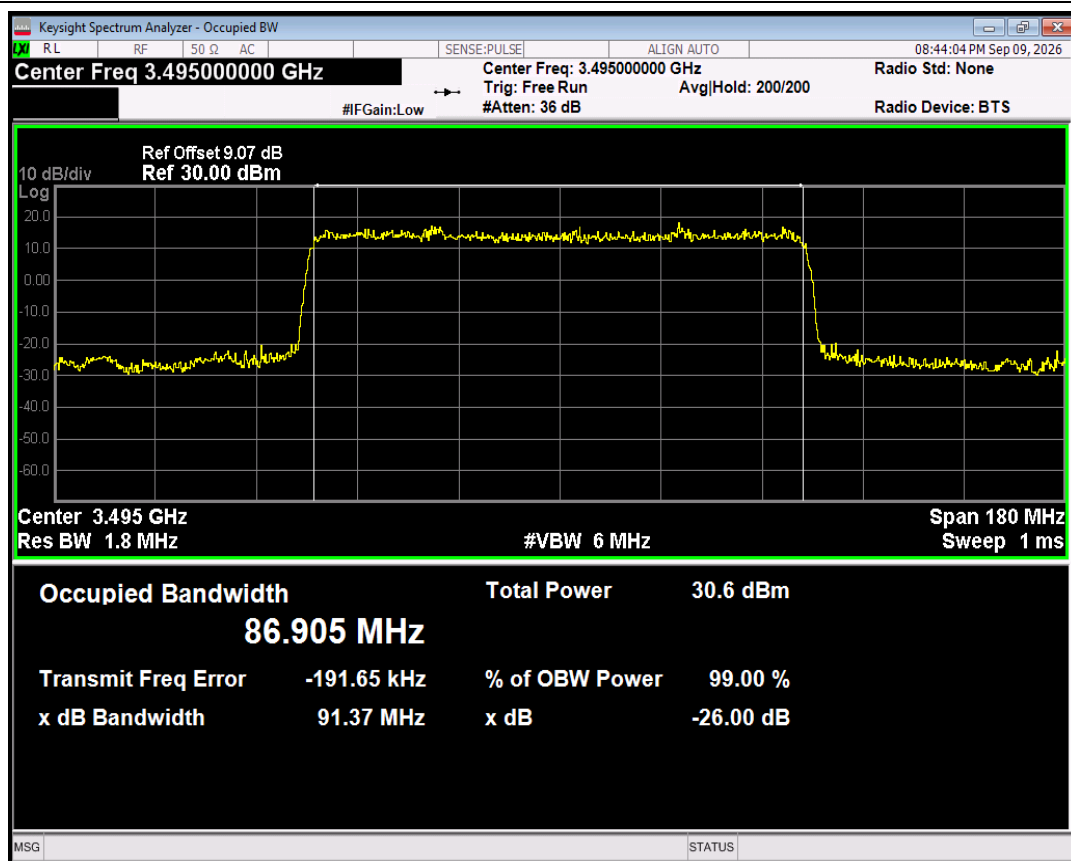
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=632668 RB=216@0



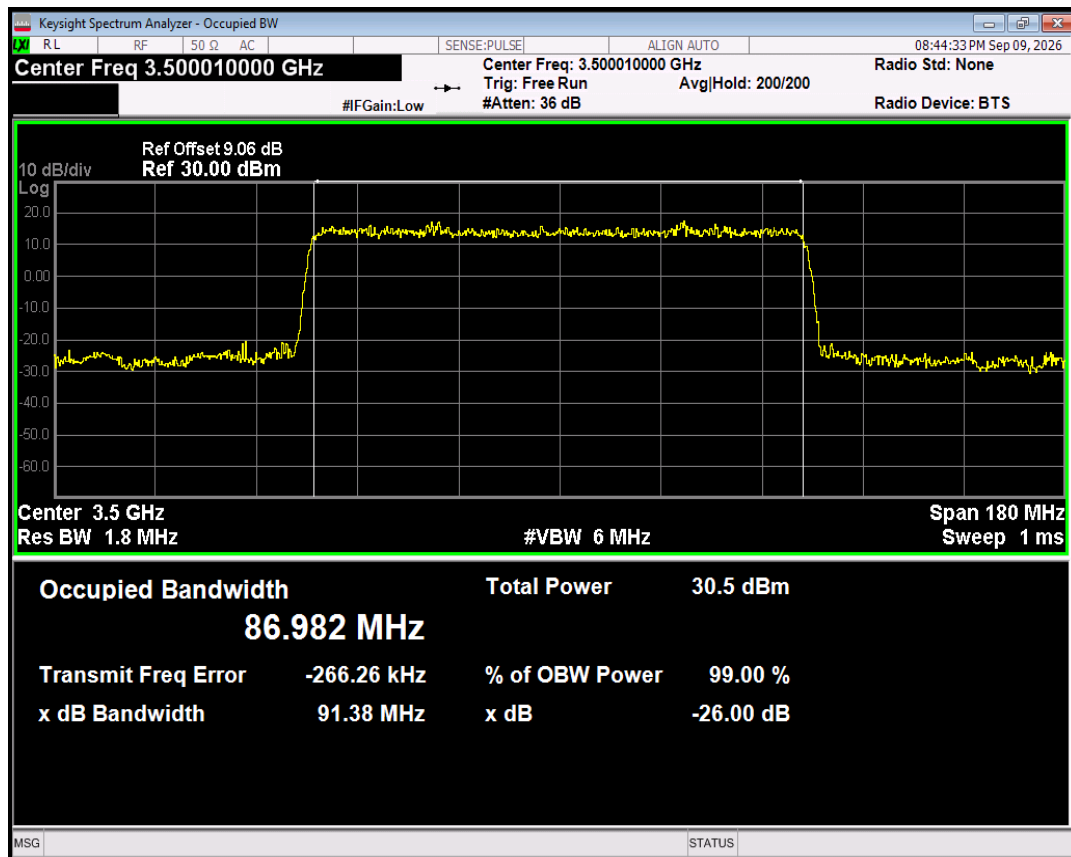
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



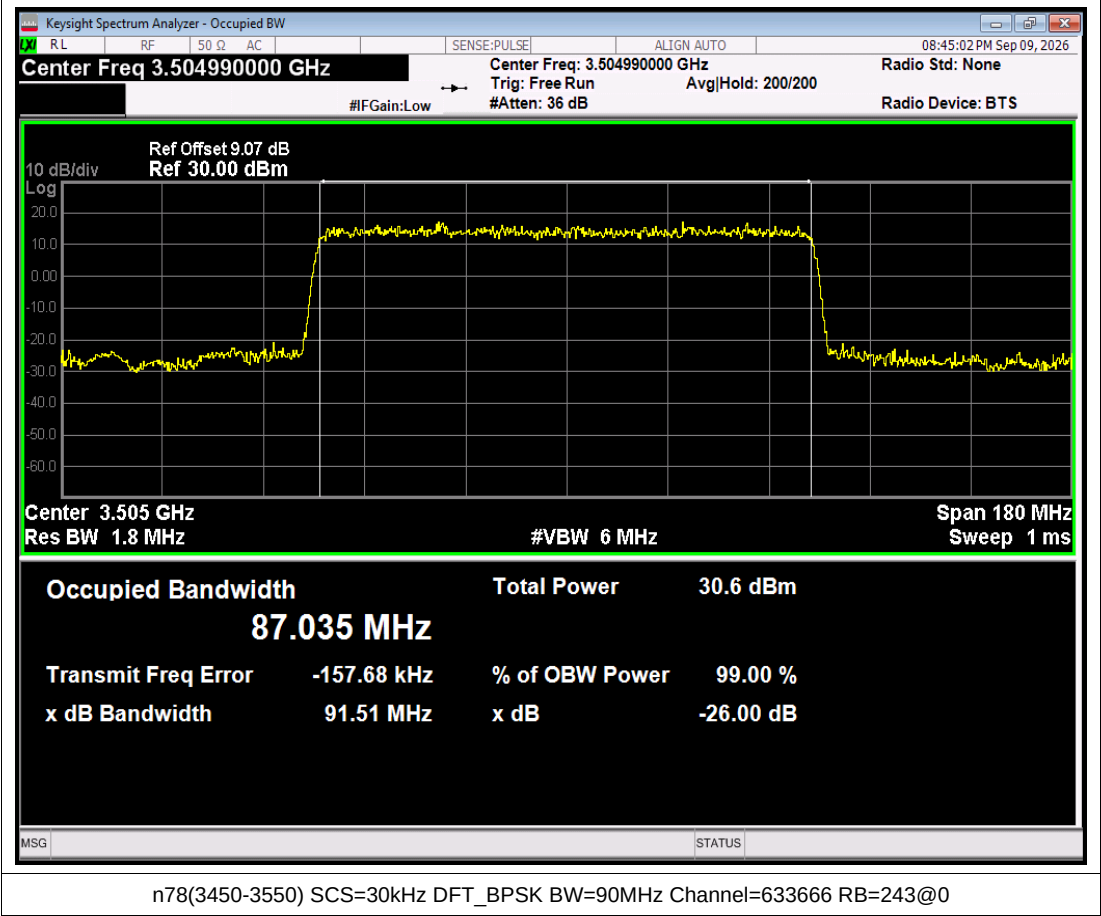
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=634000 RB=216@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633000 RB=243@0



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



4. 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)	15	10	630334	1@0	DFT_BPSK	3449.97	-24.44	-13	PASS
n78(3450-3550)	15	10	630334	50@0	DFT_BPSK	3449.93	-28.88	-13	PASS
n78(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.98	-23.99	-13	PASS
n78(3450-3550)	15	10	630334	50@0	DFT_QPSK	3449.92	-27.26	-13	PASS
n78(3450-3550)	15	10	630334	1@0	DFT_16QAM	3450.00	-23.05	-13	PASS
n78(3450-3550)	15	10	630334	50@0	DFT_16QAM	3448.96	-26.96	-13	PASS
n78(3450-3550)	15	10	630334	1@0	DFT_64QAM	3449.97	-21.56	-13	PASS
n78(3450-3550)	15	10	630334	50@0	DFT_64QAM	3448.80	-27.86	-13	PASS
n78(3450-3550)	15	10	630334	1@0	DFT_256QAM	3449.96	-23.62	-13	PASS
n78(3450-3550)	15	10	630334	50@0	DFT_256QAM	3448.87	-29.53	-13	PASS
n78(3450-3550)	15	10	630334	52@0	CP_QPSK	3448.03	-22.22	-13	PASS
n78(3450-3550)	15	10	636332	1@51	DFT_BPSK	3550.02	-26.99	-13	PASS
n78(3450-3550)	15	10	636332	50@0	DFT_BPSK	3551.06	-33.73	-13	PASS
n78(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.02	-26.07	-13	PASS
n78(3450-3550)	15	10	636332	50@0	DFT_QPSK	3551.53	-33.92	-13	PASS
n78(3450-3550)	15	10	636332	1@51	DFT_16QAM	3550.01	-24.68	-13	PASS
n78(3450-3550)	15	10	636332	50@0	DFT_16QAM	3552.08	-31.15	-13	PASS
n78(3450-3550)	15	10	636332	1@51	DFT_64QAM	3550.01	-21.98	-13	PASS
n78(3450-3550)	15	10	636332	50@0	DFT_64QAM	3551.19	-29.93	-13	PASS
n78(3450-3550)	15	10	636332	1@51	DFT_256QAM	3550.02	-28.26	-13	PASS
n78(3450-3550)	15	10	636332	50@0	DFT_256QAM	3551.80	-35.71	-13	PASS
n78(3450-3550)	15	10	636332	52@0	CP_QPSK	3552.04	-23.47	-13	PASS
n78(3450-3550)	15	15	630500	1@0	DFT_BPSK	3450.00	-20.06	-13	PASS
n78(3450-3550)	15	15	630500	75@0	DFT_BPSK	3449.84	-27.40	-13	PASS
n78(3450-3550)	15	15	630500	1@0	DFT_QPSK	3449.96	-18.97	-13	PASS
n78(3450-3550)	15	15	630500	75@0	DFT_QPSK	3449.99	-27.02	-13	PASS
n78(3450-3550)	15	15	630500	1@0	DFT_16QAM	3449.99	-18.96	-13	PASS
n78(3450-3550)	15	15	630500	75@0	DFT_16QAM	3448.83	-27.42	-13	PASS
n78(3450-3550)	15	15	630500	1@0	DFT_64QAM	3450.00	-20.43	-13	PASS
n78(3450-3550)	15	15	630500	75@0	DFT_64QAM	3449.96	-24.67	-13	PASS
n78(3450-3550)	15	15	630500	1@0	DFT_256QAM	3449.98	-21.67	-13	PASS
n78(3450-3550)	15	15	630500	75@0	DFT_256QAM	3449.93	-25.99	-13	PASS
n78(3450-3550)	15	15	630500	79@0	CP_QPSK	3448.44	-23.02	-13	PASS
n78(3450-3550)	15	15	636166	1@78	DFT_BPSK	3550.01	-21.08	-13	PASS
n78(3450-3550)	15	15	636166	75@0	DFT_BPSK	3551.12	-35.21	-13	PASS
n78(3450-3550)	15	15	636166	1@78	DFT_QPSK	3550.01	-21.41	-13	PASS
n78(3450-3550)	15	15	636166	75@0	DFT_QPSK	3551.23	-32.95	-13	PASS
n78(3450-3550)	15	15	636166	1@78	DFT_16QAM	3550.05	-20.22	-13	PASS

n78(3450-3550)	15	15	636166	75@0	DFT_16QAM	3551.05	-30.79	-13	PASS
n78(3450-3550)	15	15	636166	1@78	DFT_64QAM	3550.00	-19.97	-13	PASS
n78(3450-3550)	15	15	636166	75@0	DFT_64QAM	3555.60	-31.39	-13	PASS
n78(3450-3550)	15	15	636166	1@78	DFT_256QAM	3550.04	-21.99	-13	PASS
n78(3450-3550)	15	15	636166	75@0	DFT_256QAM	3552.32	-37.32	-13	PASS
n78(3450-3550)	15	15	636166	79@0	CP_QPSK	3553.39	-23.79	-13	PASS
n78(3450-3550)	15	20	630668	1@0	DFT_BPSK	3450.00	-18.19	-13	PASS
n78(3450-3550)	15	20	630668	100@0	DFT_BPSK	3449.76	-27.15	-13	PASS
n78(3450-3550)	15	20	630668	1@0	DFT_QPSK	3449.99	-19.83	-13	PASS
n78(3450-3550)	15	20	630668	100@0	DFT_QPSK	3449.85	-25.69	-13	PASS
n78(3450-3550)	15	20	630668	1@0	DFT_16QAM	3449.84	-20.21	-13	PASS
n78(3450-3550)	15	20	630668	100@0	DFT_16QAM	3449.97	-23.04	-13	PASS
n78(3450-3550)	15	20	630668	1@0	DFT_64QAM	3449.81	-20.18	-13	PASS
n78(3450-3550)	15	20	630668	100@0	DFT_64QAM	3449.73	-24.65	-13	PASS
n78(3450-3550)	15	20	630668	1@0	DFT_256QAM	3449.98	-22.67	-13	PASS
n78(3450-3550)	15	20	630668	100@0	DFT_256QAM	3449.97	-23.66	-13	PASS
n78(3450-3550)	15	20	630668	106@0	CP_QPSK	3448.26	-22.24	-13	PASS
n78(3450-3550)	15	20	636000	1@105	DFT_BPSK	3550.01	-20.93	-13	PASS
n78(3450-3550)	15	20	636000	100@0	DFT_BPSK	3551.23	-37.28	-13	PASS
n78(3450-3550)	15	20	636000	1@105	DFT_QPSK	3550.01	-20.37	-13	PASS
n78(3450-3550)	15	20	636000	100@0	DFT_QPSK	3557.91	-34.25	-13	PASS
n78(3450-3550)	15	20	636000	1@105	DFT_16QAM	3550.14	-20.73	-13	PASS
n78(3450-3550)	15	20	636000	100@0	DFT_16QAM	3555.42	-30.96	-13	PASS
n78(3450-3550)	15	20	636000	1@105	DFT_64QAM	3550.01	-21.40	-13	PASS
n78(3450-3550)	15	20	636000	100@0	DFT_64QAM	3555.56	-30.82	-13	PASS
n78(3450-3550)	15	20	636000	1@105	DFT_256QAM	3550.01	-20.94	-13	PASS
n78(3450-3550)	15	20	636000	100@0	DFT_256QAM	3551.88	-35.85	-13	PASS
n78(3450-3550)	15	20	636000	106@0	CP_QPSK	3554.33	-23.91	-13	PASS
n78(3450-3550)	15	40	631334	1@0	DFT_BPSK	3449.97	-21.64	-13	PASS
n78(3450-3550)	15	40	631334	216@0	DFT_BPSK	3442.13	-30.28	-13	PASS
n78(3450-3550)	15	40	631334	1@0	DFT_QPSK	3449.97	-20.57	-13	PASS
n78(3450-3550)	15	40	631334	216@0	DFT_QPSK	3441.22	-28.66	-13	PASS
n78(3450-3550)	15	40	631334	1@0	DFT_16QAM	3449.94	-21.83	-13	PASS
n78(3450-3550)	15	40	631334	216@0	DFT_16QAM	3441.01	-27.39	-13	PASS
n78(3450-3550)	15	40	631334	1@0	DFT_64QAM	3450.00	-20.53	-13	PASS
n78(3450-3550)	15	40	631334	216@0	DFT_64QAM	3441.85	-26.01	-13	PASS
n78(3450-3550)	15	40	631334	1@0	DFT_256QAM	3449.98	-21.10	-13	PASS
n78(3450-3550)	15	40	631334	216@0	DFT_256QAM	3449.96	-27.82	-13	PASS
n78(3450-3550)	15	40	631334	216@0	CP_QPSK	3444.62	-22.56	-13	PASS
n78(3450-3550)	15	40	635332	1@215	DFT_BPSK	3550.01	-22.06	-13	PASS
n78(3450-3550)	15	40	635332	216@0	DFT_BPSK	3558.43	-33.05	-13	PASS
n78(3450-3550)	15	40	635332	1@215	DFT_QPSK	3550.06	-22.04	-13	PASS
n78(3450-3550)	15	40	635332	216@0	DFT_QPSK	3558.33	-30.22	-13	PASS

n78(3450-3550)	15	40	635332	1@215	DFT_16QAM	3550.02	-21.13	-13	PASS
n78(3450-3550)	15	40	635332	216@0	DFT_16QAM	3558.43	-29.02	-13	PASS
n78(3450-3550)	15	40	635332	1@215	DFT_64QAM	3550.14	-23.74	-13	PASS
n78(3450-3550)	15	40	635332	216@0	DFT_64QAM	3558.04	-29.03	-13	PASS
n78(3450-3550)	15	40	635332	1@215	DFT_256QAM	3550.02	-25.46	-13	PASS
n78(3450-3550)	15	40	635332	216@0	DFT_256QAM	3557.48	-36.41	-13	PASS
n78(3450-3550)	15	40	635332	216@0	CP_QPSK	3555.42	-24.10	-13	PASS
n78(3450-3550)	15	50	631668	1@0	DFT_BPSK	3449.98	-24.90	-13	PASS
n78(3450-3550)	15	50	631668	270@0	DFT_BPSK	3447.89	-33.12	-13	PASS
n78(3450-3550)	15	50	631668	1@0	DFT_QPSK	3450.75	17.76	30	PASS
n78(3450-3550)	15	50	631668	270@0	DFT_QPSK	3443.92	-30.73	-13	PASS
n78(3450-3550)	15	50	631668	1@0	DFT_16QAM	3449.99	-24.88	-13	PASS
n78(3450-3550)	15	50	631668	270@0	DFT_16QAM	3444.06	-28.68	-13	PASS
n78(3450-3550)	15	50	631668	1@0	DFT_64QAM	3449.98	-24.70	-13	PASS
n78(3450-3550)	15	50	631668	270@0	DFT_64QAM	3440.05	-28.54	-13	PASS
n78(3450-3550)	15	50	631668	1@0	DFT_256QAM	3450.80	15.70	30	PASS
n78(3450-3550)	15	50	631668	270@0	DFT_256QAM	3447.68	-36.58	-13	PASS
n78(3450-3550)	15	50	631668	270@0	CP_QPSK	3441.45	-23.91	-13	PASS
n78(3450-3550)	15	50	635000	1@269	DFT_BPSK	3550.04	-25.94	-13	PASS
n78(3450-3550)	15	50	635000	270@0	DFT_BPSK	3552.68	-34.47	-13	PASS
n78(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.03	-25.41	-13	PASS
n78(3450-3550)	15	50	635000	270@0	DFT_QPSK	3560.18	-31.72	-13	PASS
n78(3450-3550)	15	50	635000	1@269	DFT_16QAM	3550.01	-25.37	-13	PASS
n78(3450-3550)	15	50	635000	270@0	DFT_16QAM	3555.23	-30.34	-13	PASS
n78(3450-3550)	15	50	635000	1@269	DFT_64QAM	3549.15	15.75	30	PASS
n78(3450-3550)	15	50	635000	270@0	DFT_64QAM	3555.41	-30.20	-13	PASS
n78(3450-3550)	15	50	635000	1@269	DFT_256QAM	3550.04	-26.20	-13	PASS
n78(3450-3550)	15	50	635000	270@0	DFT_256QAM	3500.80	7.40	30	PASS
n78(3450-3550)	15	50	635000	270@0	CP_QPSK	3557.97	-24.59	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_BPSK	3448.82	-22.04	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	3448.93	-33.39	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_QPSK	3448.91	-24.85	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	3448.58	-32.21	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_16QAM	3448.93	-29.44	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	3448.88	-28.07	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_64QAM	3448.99	-26.61	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	3448.91	-29.01	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_256QAM	3449.99	-29.05	-13	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	3448.80	-29.32	-13	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	3448.71	-22.76	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_BPSK	3551.10	-24.48	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	3551.10	-32.60	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_QPSK	3551.19	-25.47	-13	PASS

n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	3551.08	-32.63	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_16QAM	3550.01	-31.63	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	3551.02	-27.02	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_64QAM	3551.01	-25.24	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	3551.34	-30.82	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_256QAM	3550.00	-32.88	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	3551.72	-33.88	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	3551.43	-24.79	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_BPSK	3449.99	-23.81	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	3449.99	-34.63	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_QPSK	3449.93	-24.53	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	3448.55	-32.44	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_16QAM	3450.00	-23.83	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	3448.38	-30.32	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_64QAM	3449.99	-25.30	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	3448.75	-30.55	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_256QAM	3449.98	-23.75	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	3448.75	-36.21	-13	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	3448.86	-24.65	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_BPSK	3550.04	-22.01	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	3551.48	-33.96	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_QPSK	3551.24	-24.88	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	3551.85	-34.42	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_16QAM	3550.02	-25.66	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	3555.12	-31.39	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_64QAM	3550.08	-26.30	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	3552.56	-32.04	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_256QAM	3550.03	-30.05	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	3551.14	-36.41	-13	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	3554.12	-26.50	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_BPSK	3449.88	-23.14	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	3441.54	-36.91	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	3449.97	-24.87	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	3448.67	-33.99	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_16QAM	3449.92	-27.56	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	3447.50	-30.52	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_64QAM	3450.00	-26.71	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	3447.97	-29.85	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_256QAM	3450.94	13.74	30	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	3443.89	-36.91	-13	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	3448.82	-24.32	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_BPSK	3550.04	-23.18	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	3551.12	-33.25	-13	PASS

n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	3550.02	-21.83	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	3555.14	-35.06	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_16QAM	3550.02	-24.15	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	3552.51	-31.92	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_64QAM	3550.06	-23.96	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	3555.02	-32.32	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_256QAM	3550.04	-28.24	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	3560.57	-38.91	-13	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	3551.92	-25.71	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_BPSK	3449.96	-26.98	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	3444.75	-36.88	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_QPSK	3449.97	-25.80	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	3442.13	-32.36	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_16QAM	3449.99	-26.71	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	3447.84	-30.90	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_64QAM	3449.97	-24.94	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	3448.17	-30.23	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_256QAM	3449.98	-29.51	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	3444.69	-36.23	-13	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	3444.16	-24.28	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_BPSK	3550.01	-26.31	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	3555.14	-38.33	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_QPSK	3550.06	-27.81	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	3553.80	-35.14	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_16QAM	3550.08	-27.30	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	3556.09	-32.35	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_64QAM	3550.01	-28.99	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	3551.06	-32.11	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_256QAM	3550.03	-28.64	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	3556.09	-38.15	-13	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	3555.25	-26.35	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_BPSK	3450.00	-27.29	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	3445.76	-31.91	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_QPSK	3451.25	14.28	30	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	3444.50	-28.09	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_16QAM	3449.97	-25.47	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	3443.29	-28.08	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_64QAM	3449.98	-24.35	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	3443.92	-28.26	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_256QAM	3449.94	-27.61	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	3443.38	-36.05	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	3448.88	-24.74	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_BPSK	3550.00	-28.31	-13	PASS

n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	3555.32	-31.57	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_QPSK	3548.65	13.57	30	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	3554.80	-32.60	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_16QAM	3548.75	13.12	30	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	3555.54	-30.87	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_64QAM	3550.04	-27.02	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	3552.67	-31.20	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_256QAM	3548.75	11.87	30	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	3556.71	-38.94	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	3555.27	-25.53	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_BPSK	3449.84	-20.11	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	3419.26	-39.88	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_QPSK	3449.99	-21.67	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	3437.02	-36.41	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_16QAM	3450.00	-20.25	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	3443.73	-33.71	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_64QAM	3449.96	-21.65	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	3448.65	-33.96	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_256QAM	3449.99	-23.87	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	3441.65	-39.20	-13	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	3447.03	-27.57	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_BPSK	3550.06	-22.14	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	3550.08	-41.06	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_QPSK	3550.01	-22.59	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	3551.07	-37.55	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_16QAM	3550.02	-23.41	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	3551.36	-35.68	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_64QAM	3550.01	-22.51	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	3560.72	-34.45	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_256QAM	3550.11	-24.48	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	3555.17	-41.89	-13	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	3552.18	-29.92	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_BPSK	3449.91	-21.38	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	3449.90	-37.68	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_QPSK	3449.96	-20.49	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	3441.82	-36.09	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_16QAM	3449.94	-22.21	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	3445.60	-36.45	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_64QAM	3449.98	-23.82	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	3438.31	-35.31	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_256QAM	3449.99	-24.77	-13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	3449.96	-37.09	-13	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	3447.17	-28.93	-13	PASS

n78(3450-3550)	30	70	634332	1@188	DFT_BPSK	3550.02	-25.20	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	3554.07	-41.60	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_QPSK	3550.08	-22.46	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	3551.48	-38.72	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_16QAM	3550.01	-23.09	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	3556.89	-35.85	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_64QAM	3550.01	-24.48	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	3559.10	-35.06	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_256QAM	3550.04	-24.32	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	3561.11	-41.99	-13	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	3556.11	-28.59	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_BPSK	3449.97	-25.47	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	3433.98	-36.89	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_QPSK	3449.91	-26.03	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	3432.70	-35.68	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_16QAM	3449.87	-26.17	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	3443.80	-34.60	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_64QAM	3449.94	-25.33	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	3433.60	-34.35	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_256QAM	3449.95	-27.95	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	3432.55	-40.49	-13	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	3442.30	-28.89	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_BPSK	3550.11	-25.68	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	3566.48	-34.58	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_QPSK	3550.04	-24.57	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	3566.48	-34.82	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_16QAM	3550.00	-27.17	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	3566.48	-32.32	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_64QAM	3550.05	-25.30	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	3564.08	-33.85	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_256QAM	3550.03	-27.78	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	3566.70	-41.53	-13	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	3558.30	-28.47	-13	PASS
n78(3450-3550)	30	90	633000	1@0	DFT_BPSK	3449.99	-25.18	-13	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	3448.52	-40.17	-13	PASS
n78(3450-3550)	30	90	633000	1@0	DFT_QPSK	3449.98	-21.74	-13	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	3439.22	-36.43	-13	PASS
n78(3450-3550)	30	90	633000	1@0	DFT_16QAM	3449.96	-27.49	-13	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	3448.89	-36.04	-13	PASS
n78(3450-3550)	30	90	633000	1@0	DFT_64QAM	3450.00	-25.01	-13	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	3443.39	-35.41	-13	PASS
n78(3450-3550)	30	90	633000	1@0	DFT_256QAM	3449.99	-29.14	-13	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	3443.04	-40.13	-13	PASS