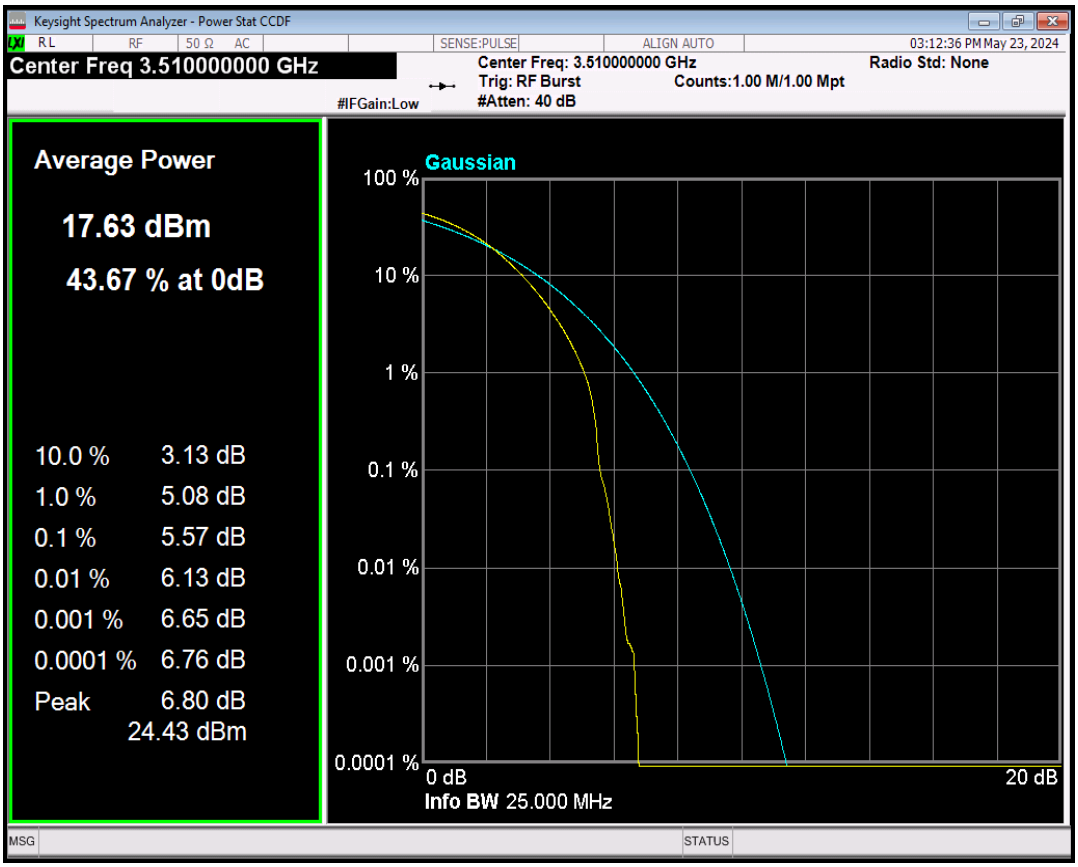
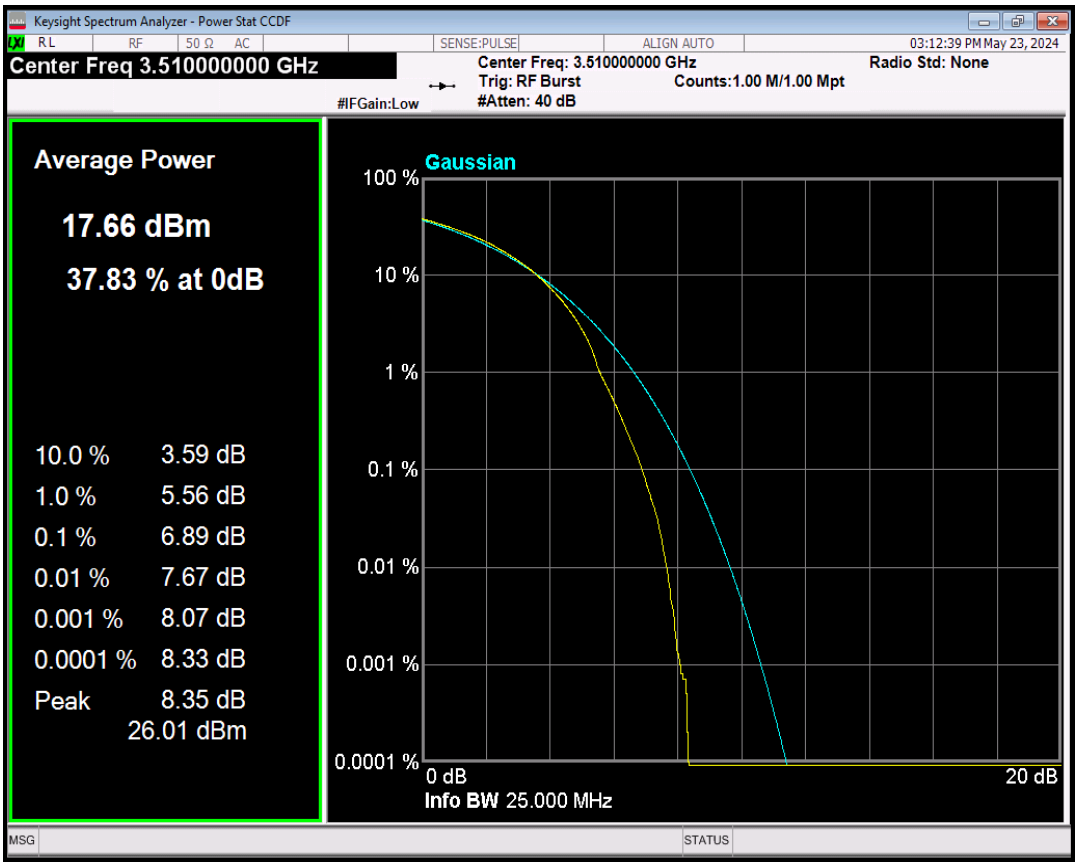
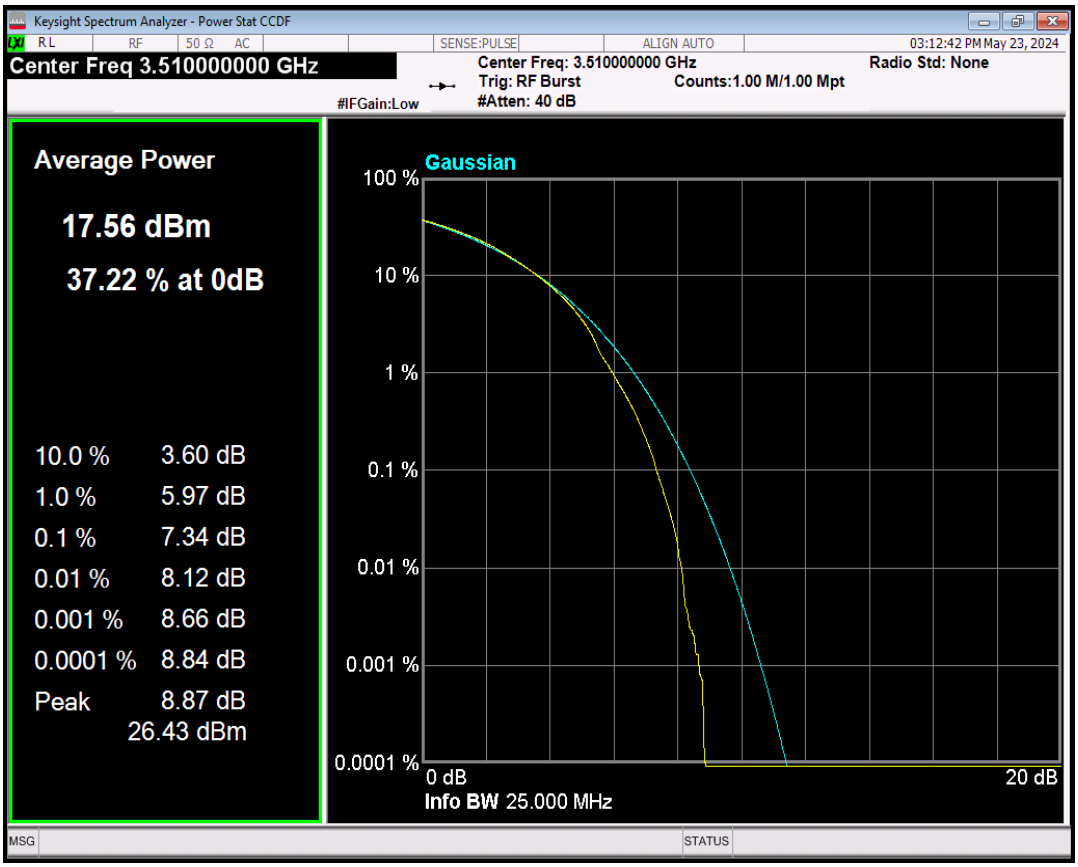


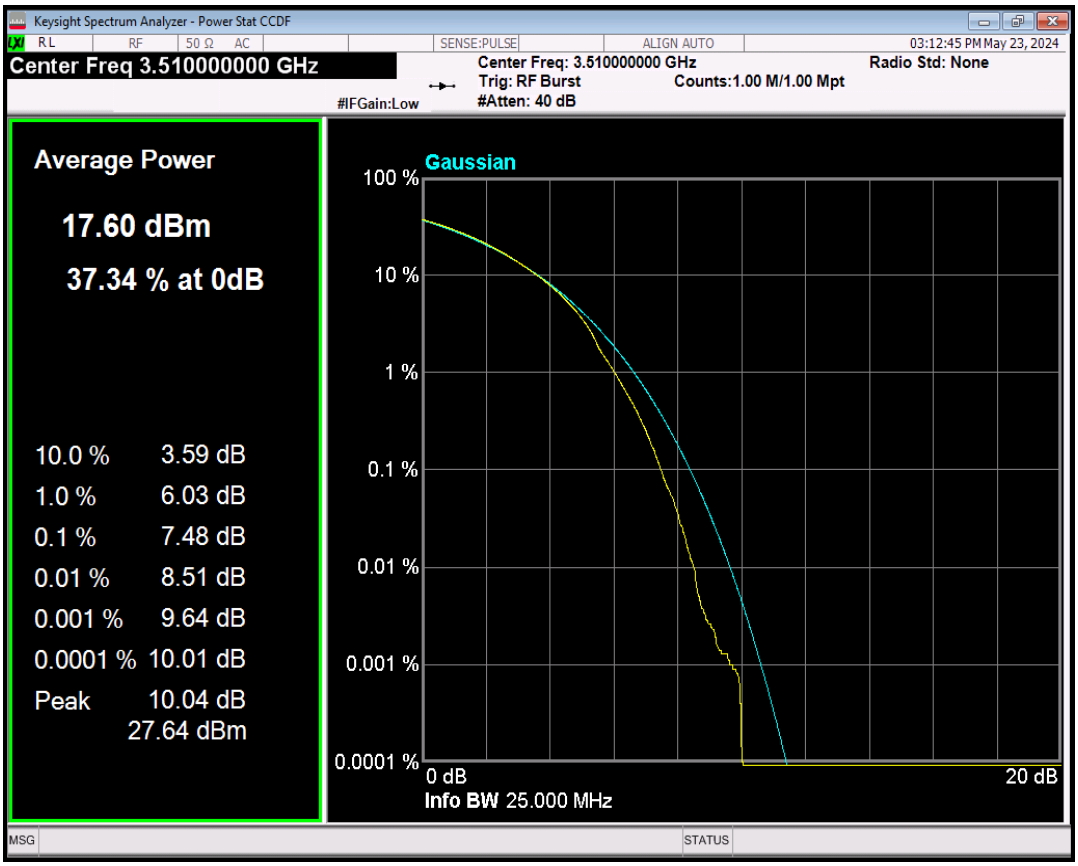
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=634000 RB=216@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=634000 RB=216@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=634000 RB=216@0



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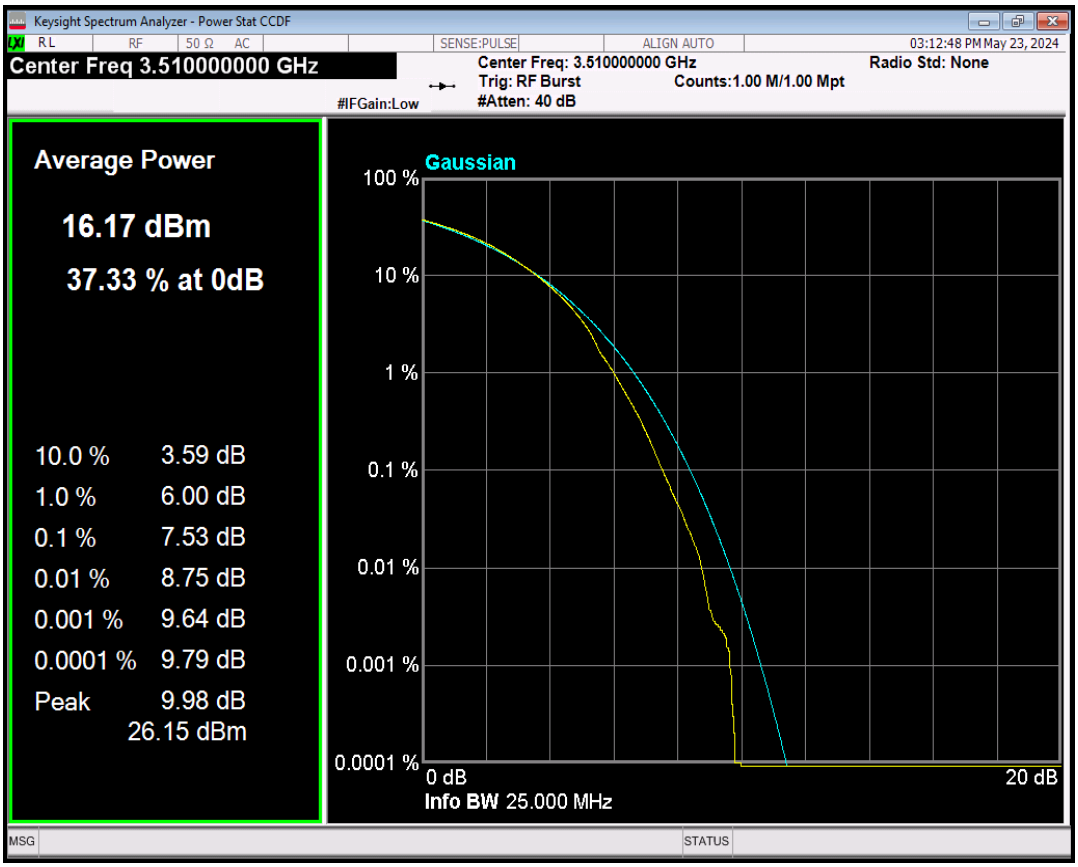
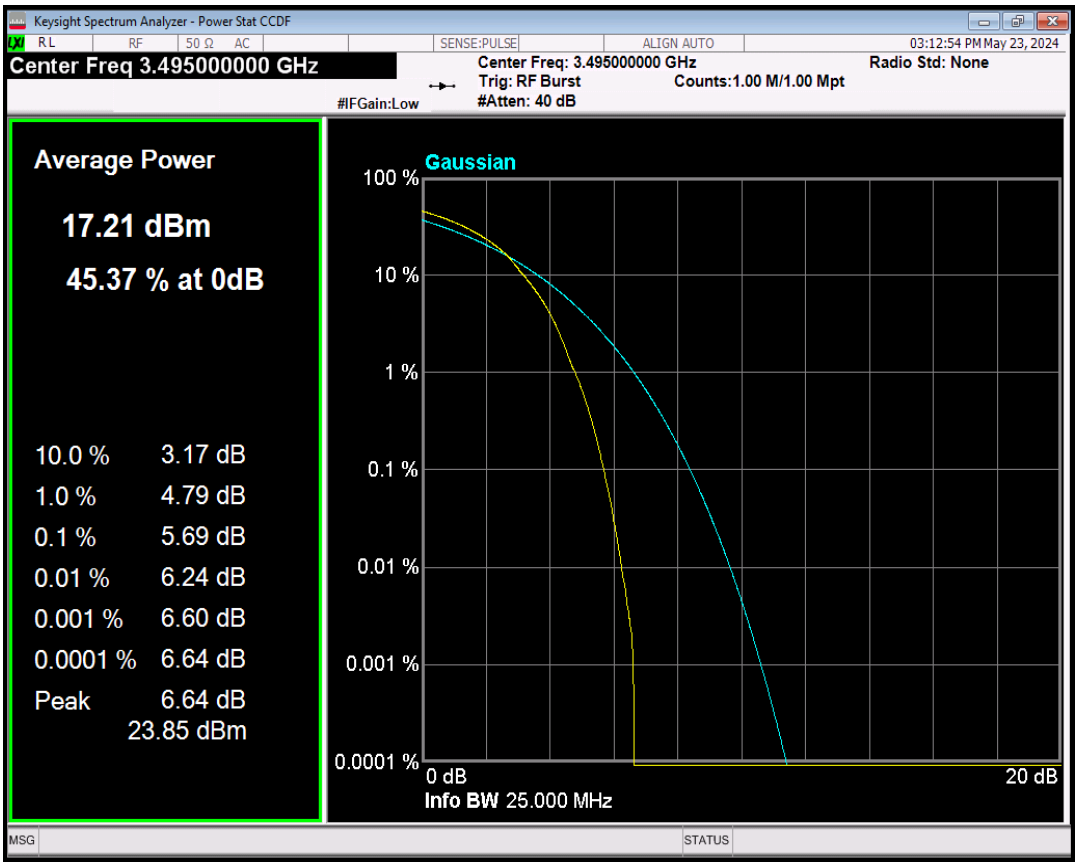
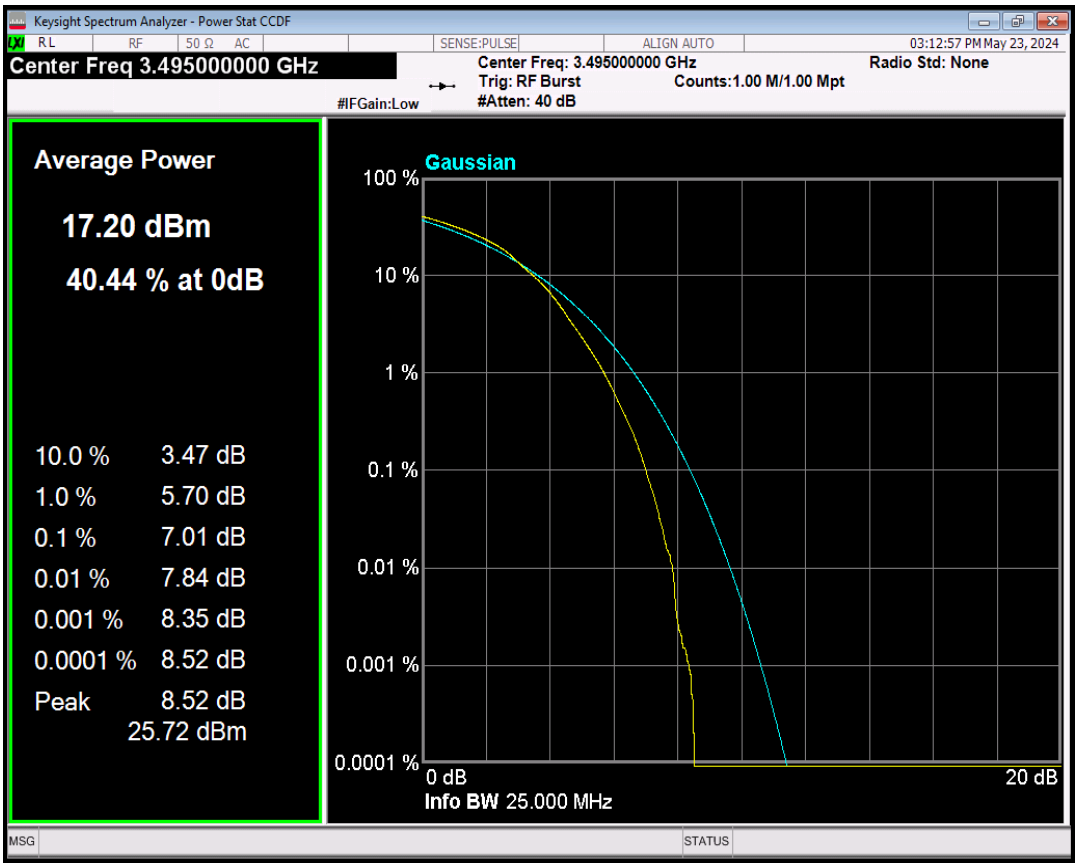


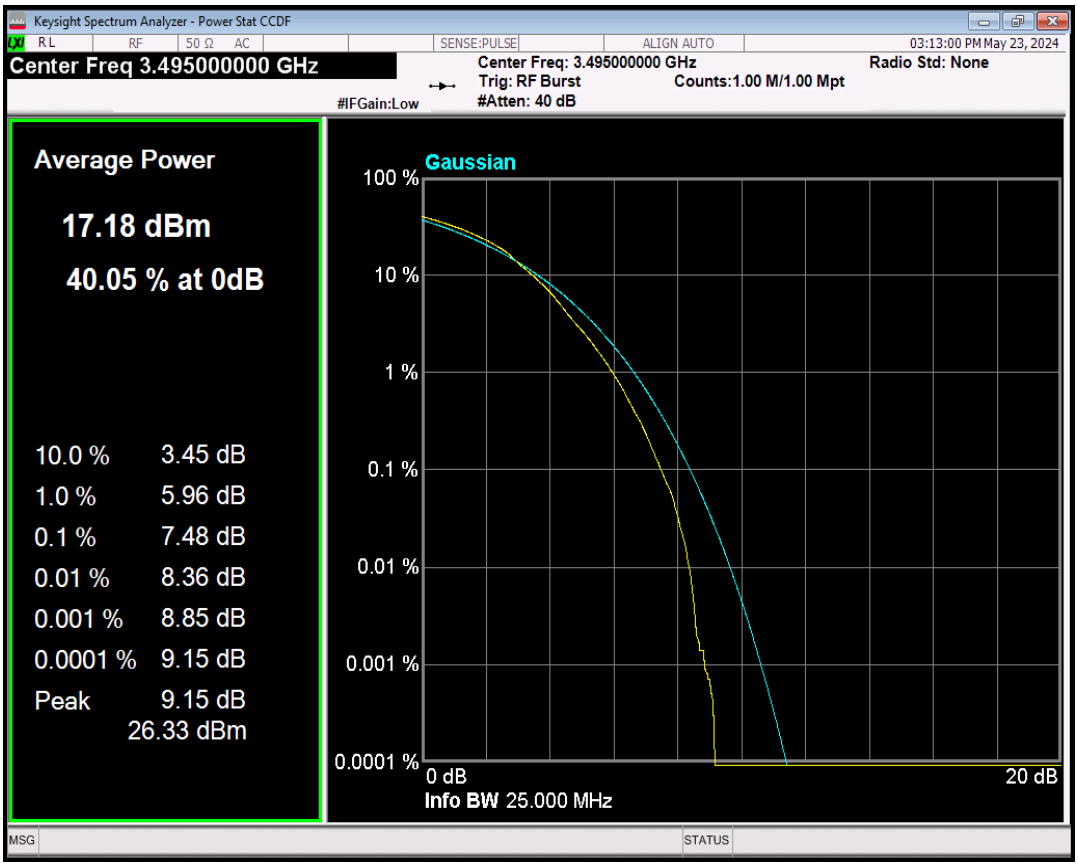
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633000 RB=240@0



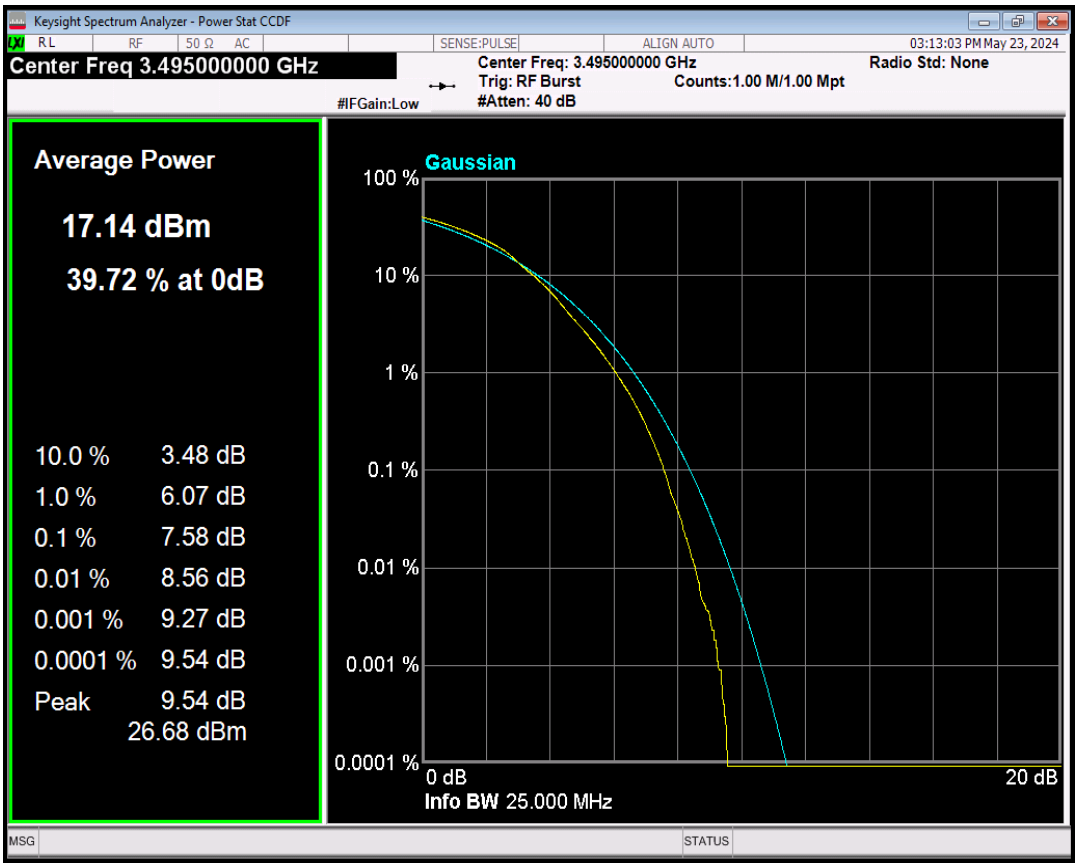
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633000 RB=240@0



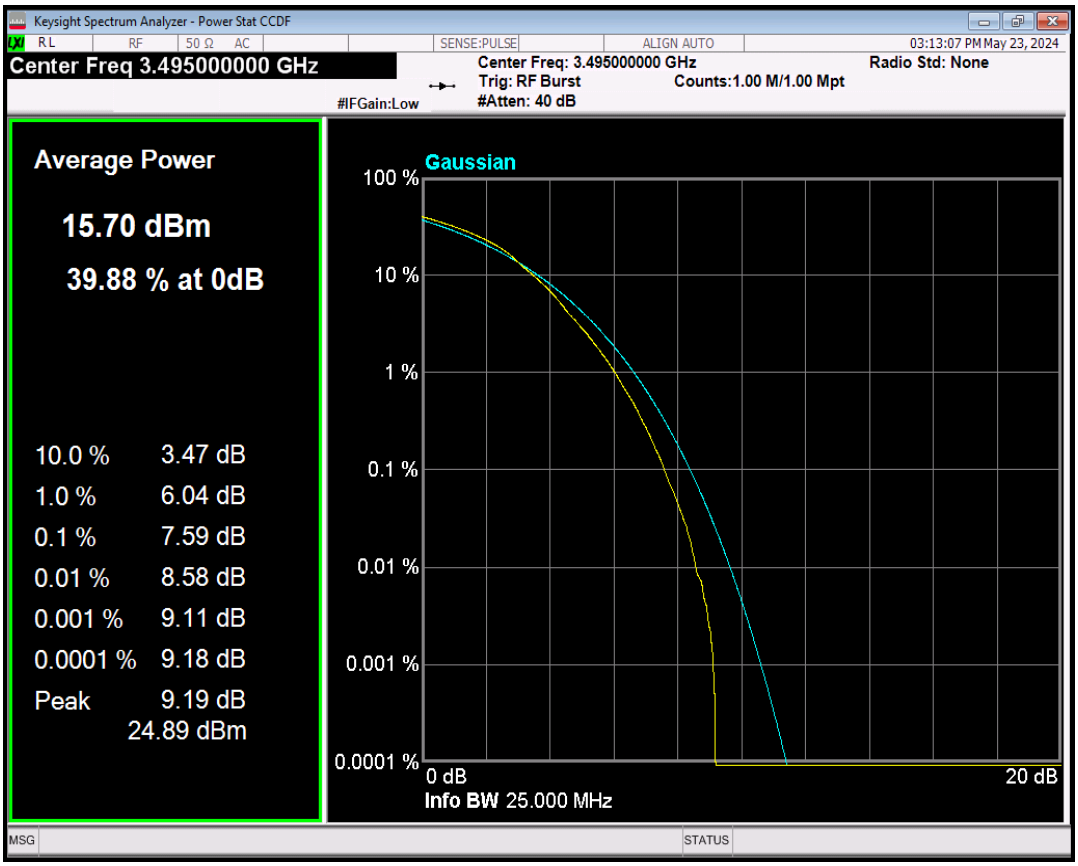
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633000 RB=240@0



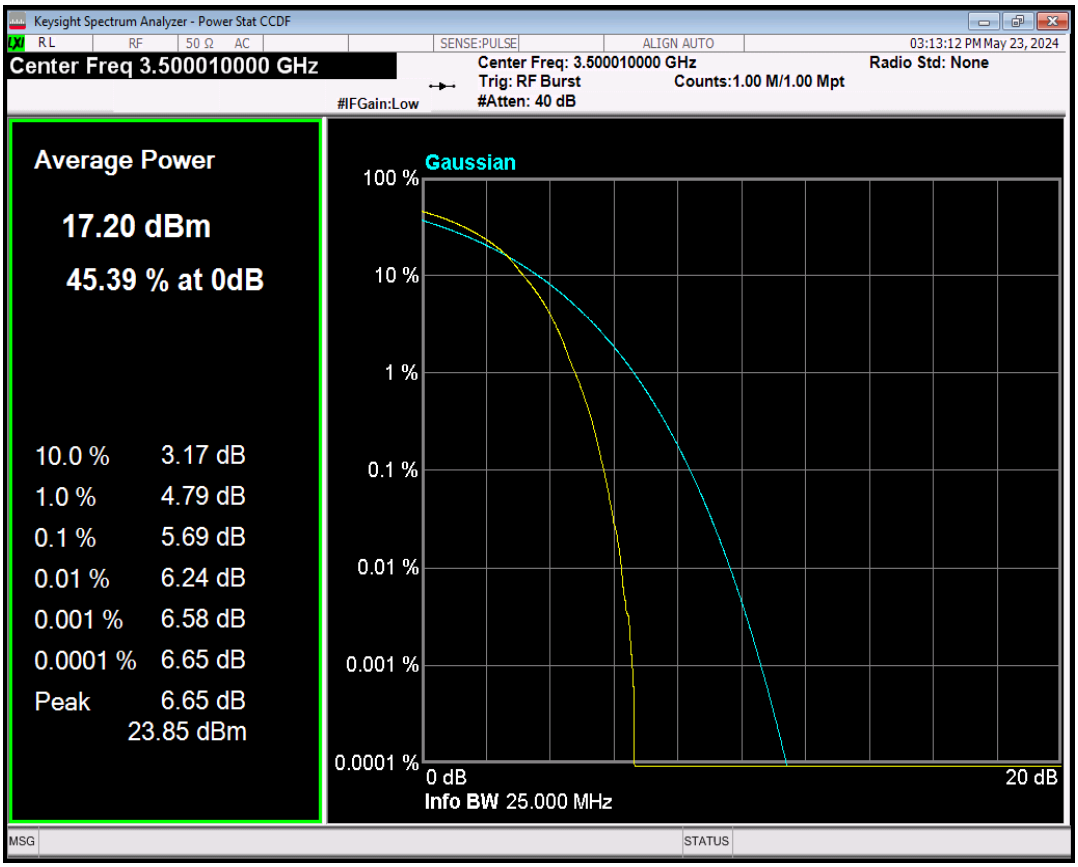
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633000 RB=240@0



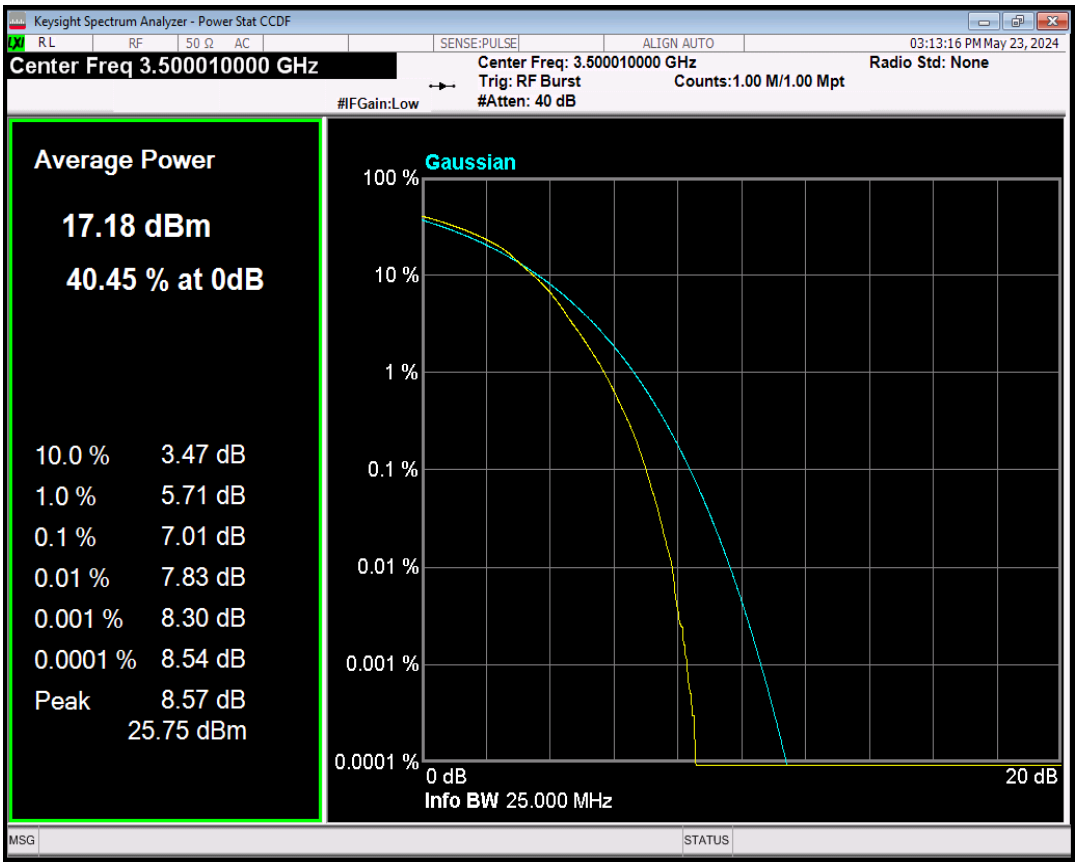
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633000 RB=240@0



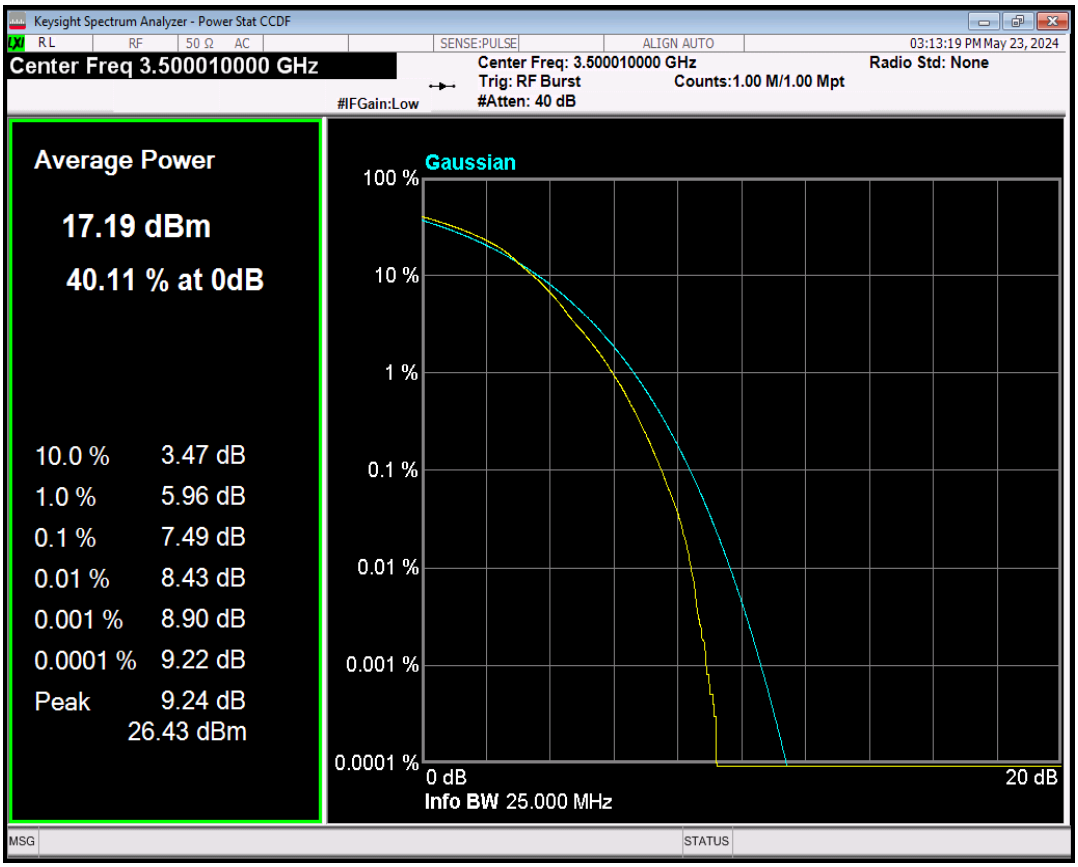
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



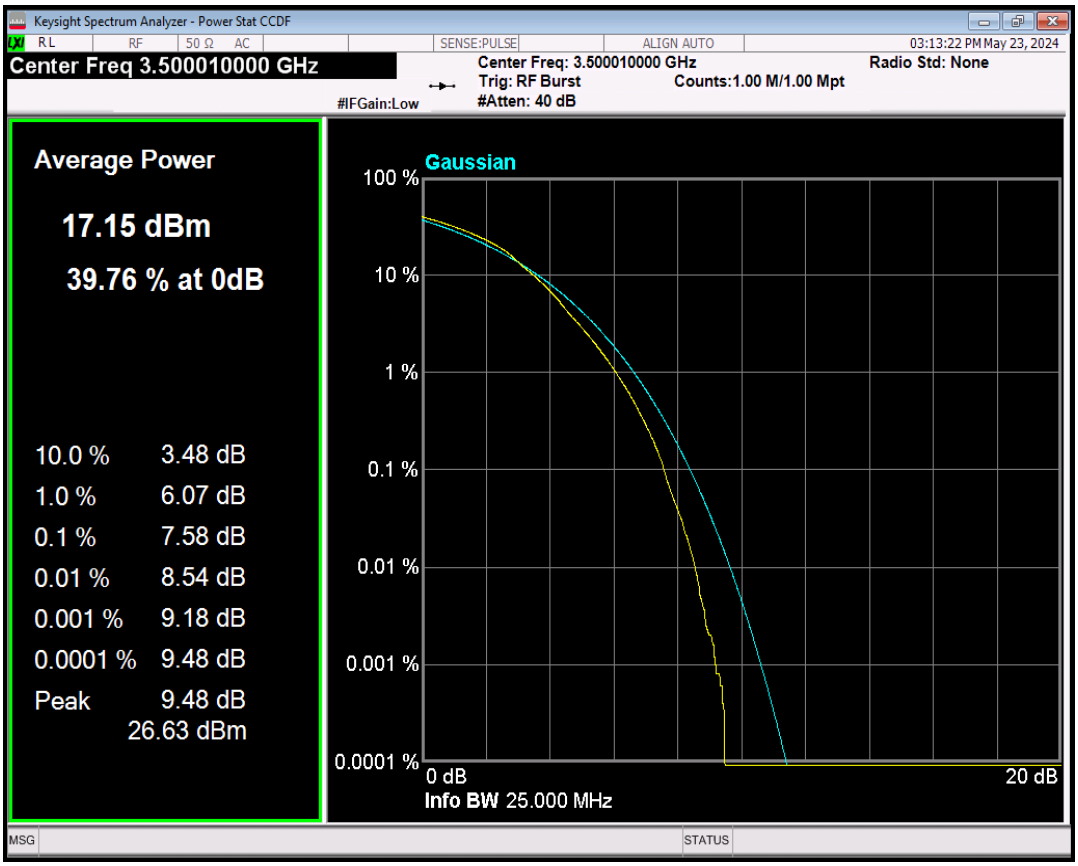
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



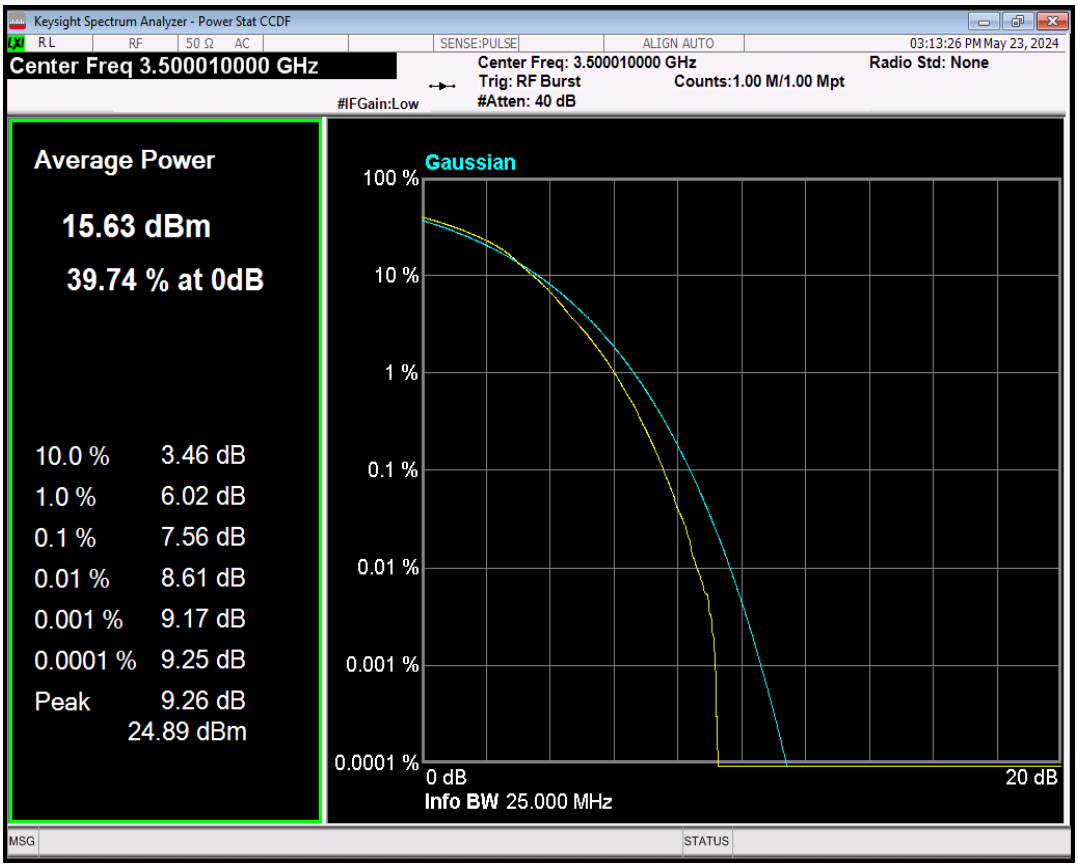
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



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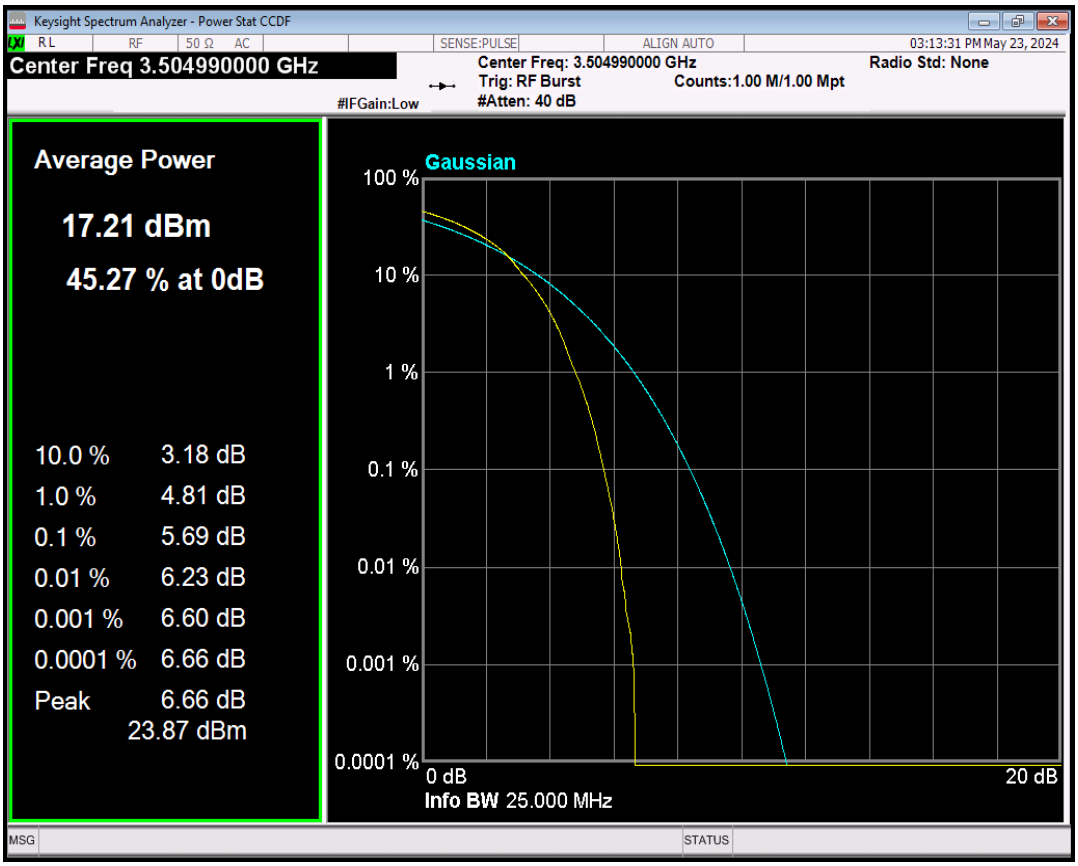
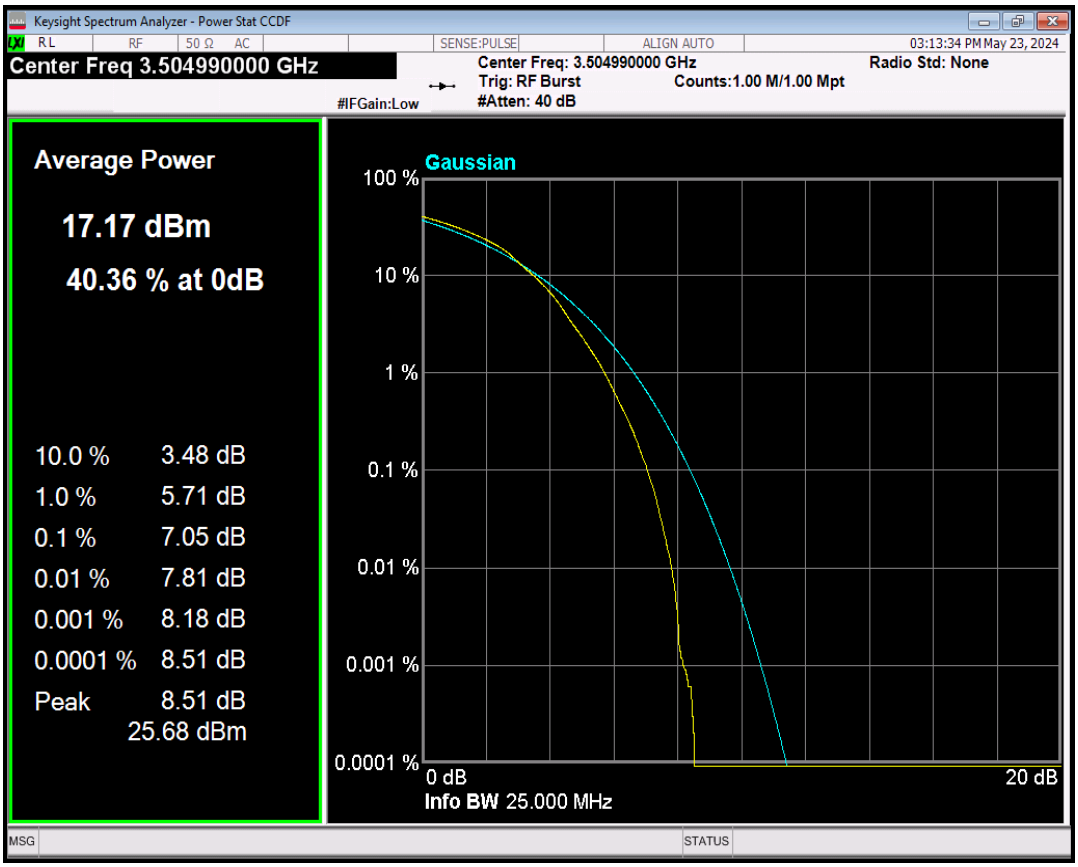


n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633666 RB=240@0



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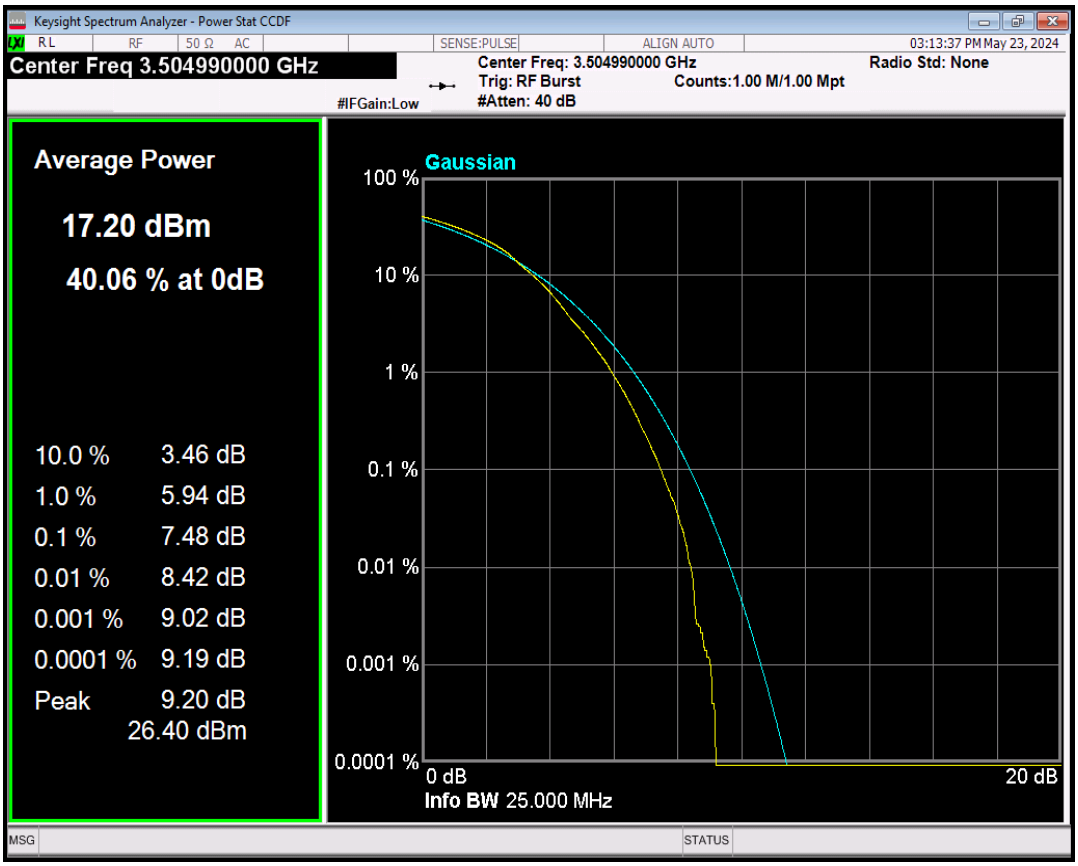

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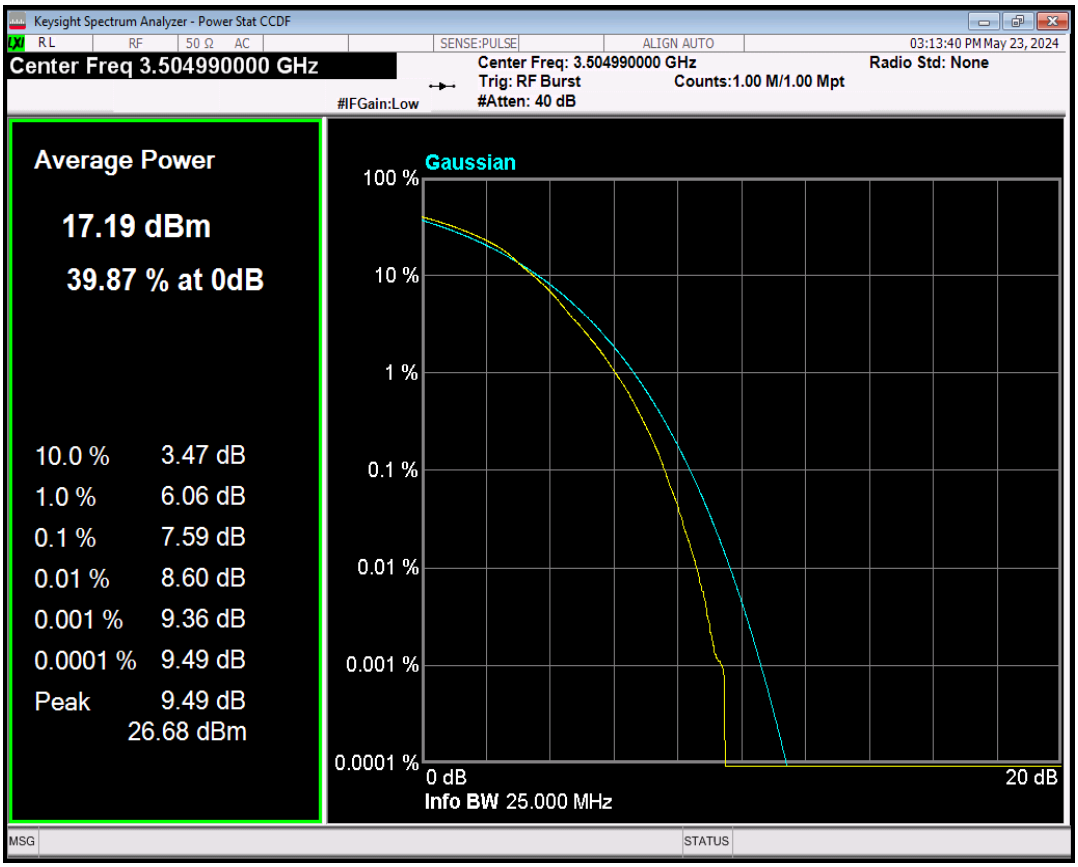
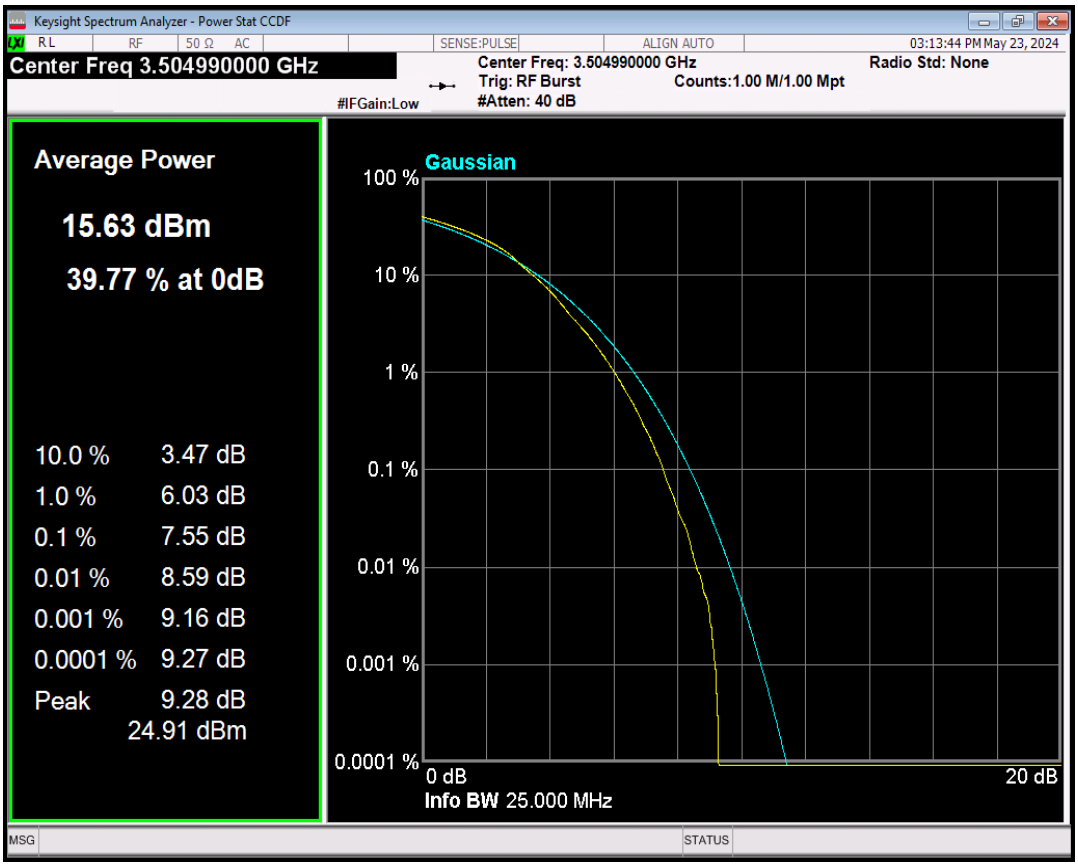
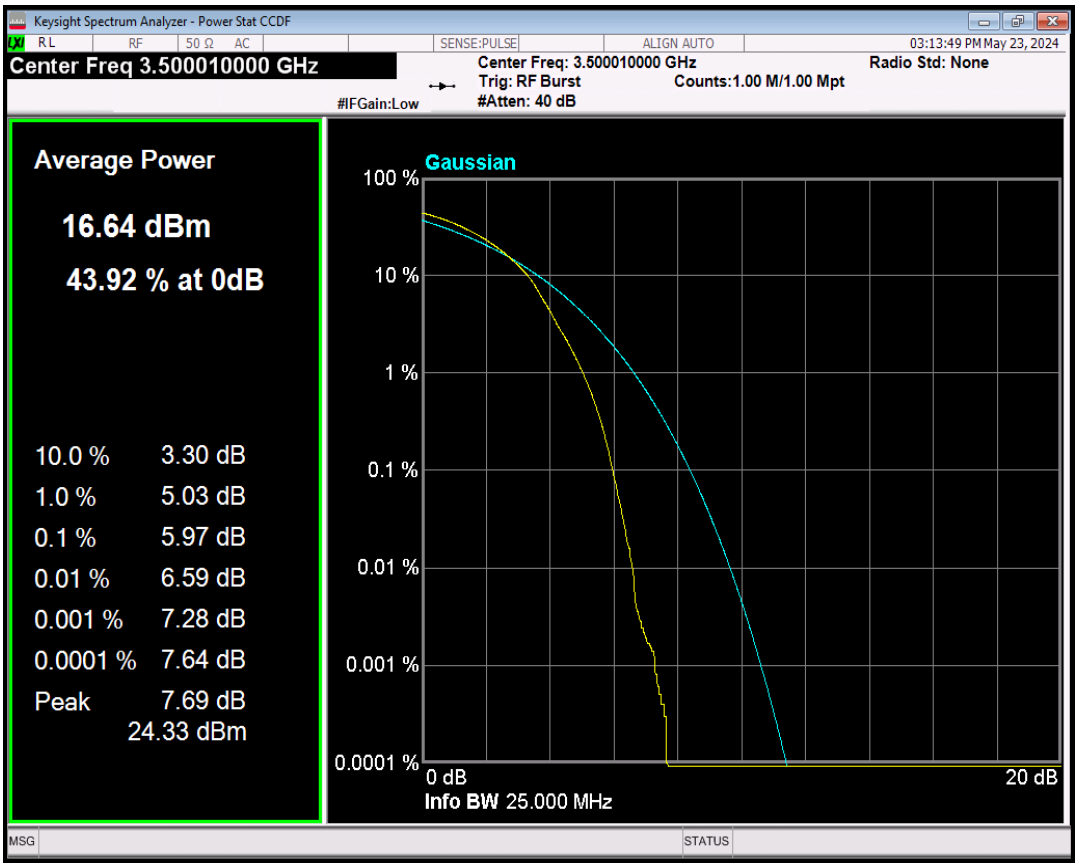


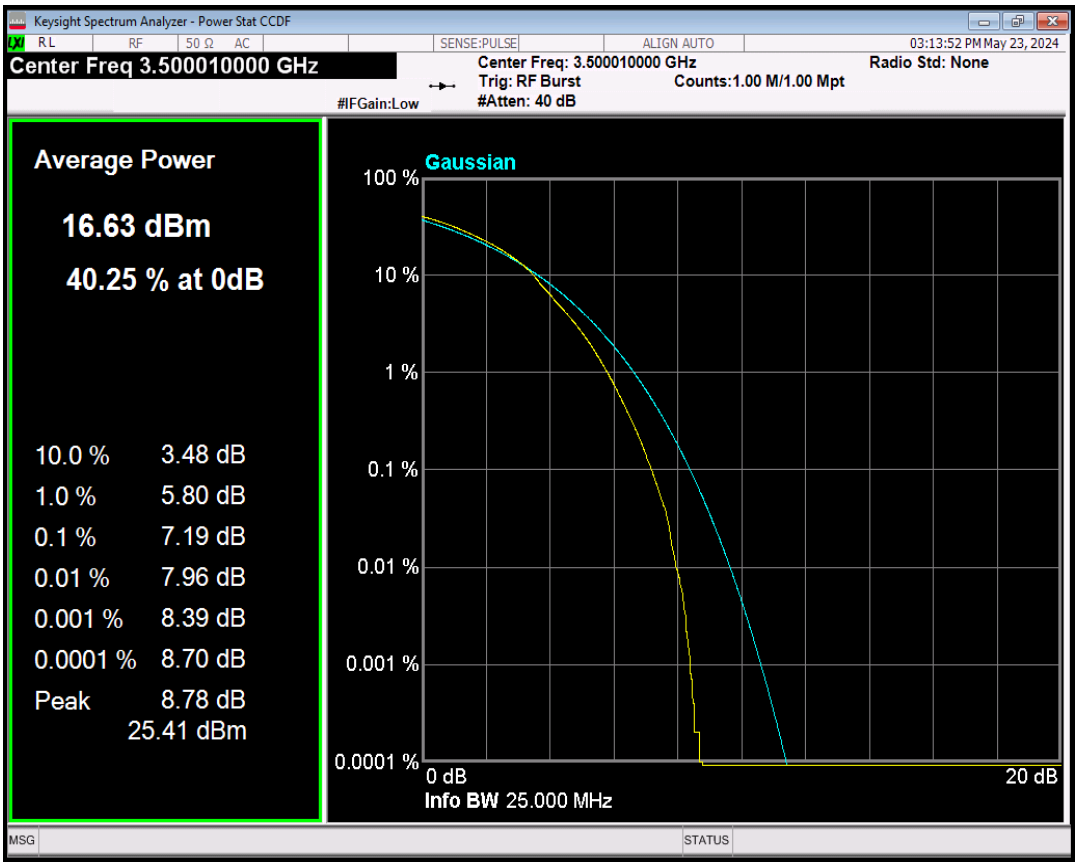
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633666 RB=240@0



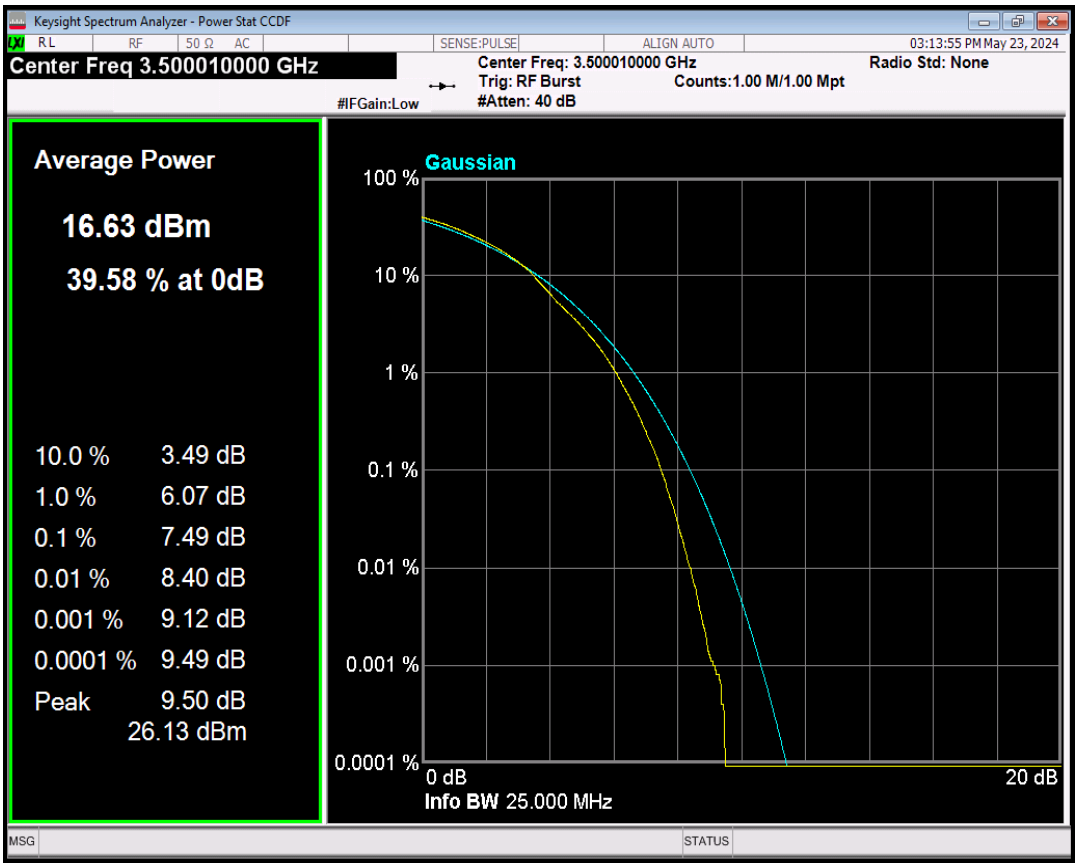
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



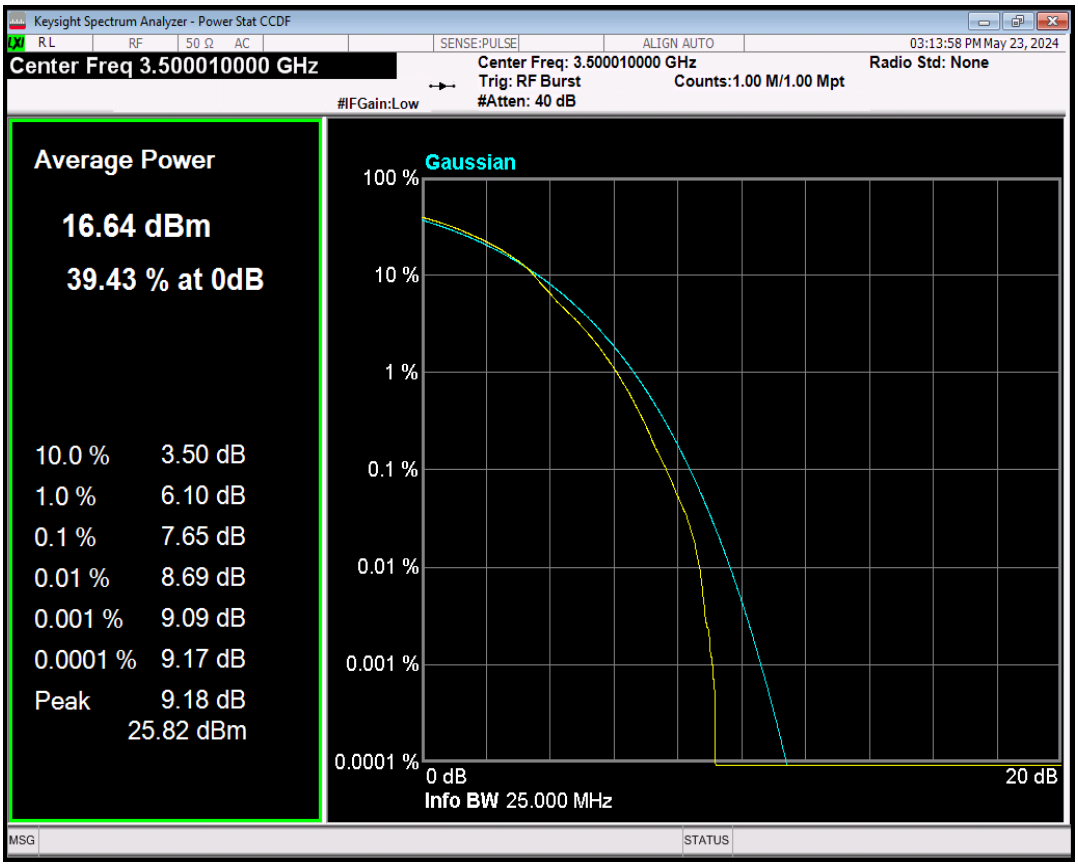
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



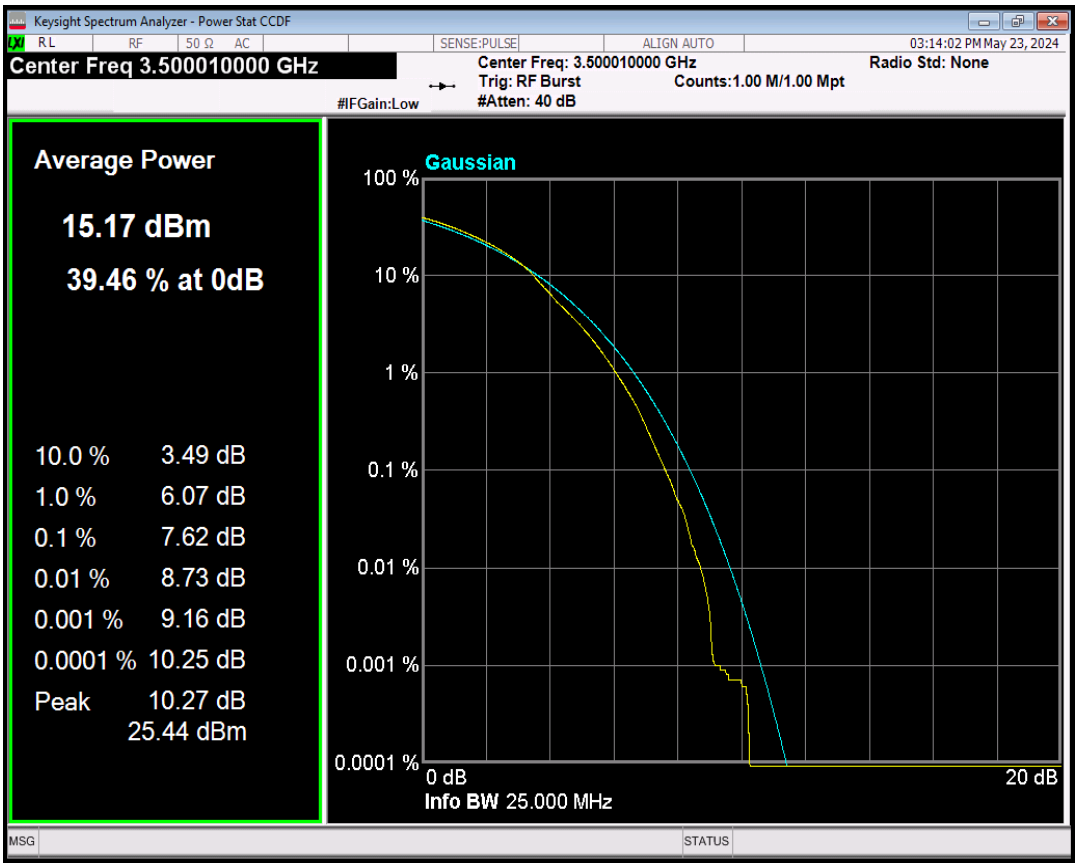
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 RB=270@0

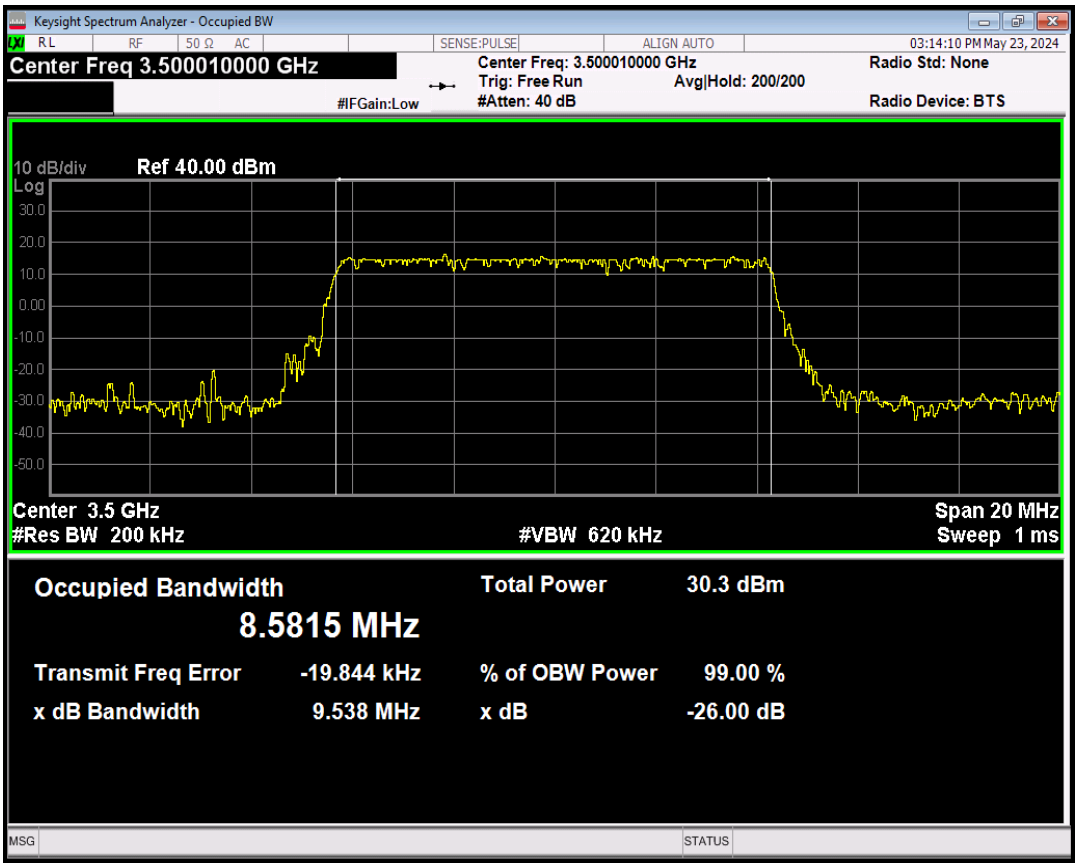


4 Occupied bandwidth for EN-DC

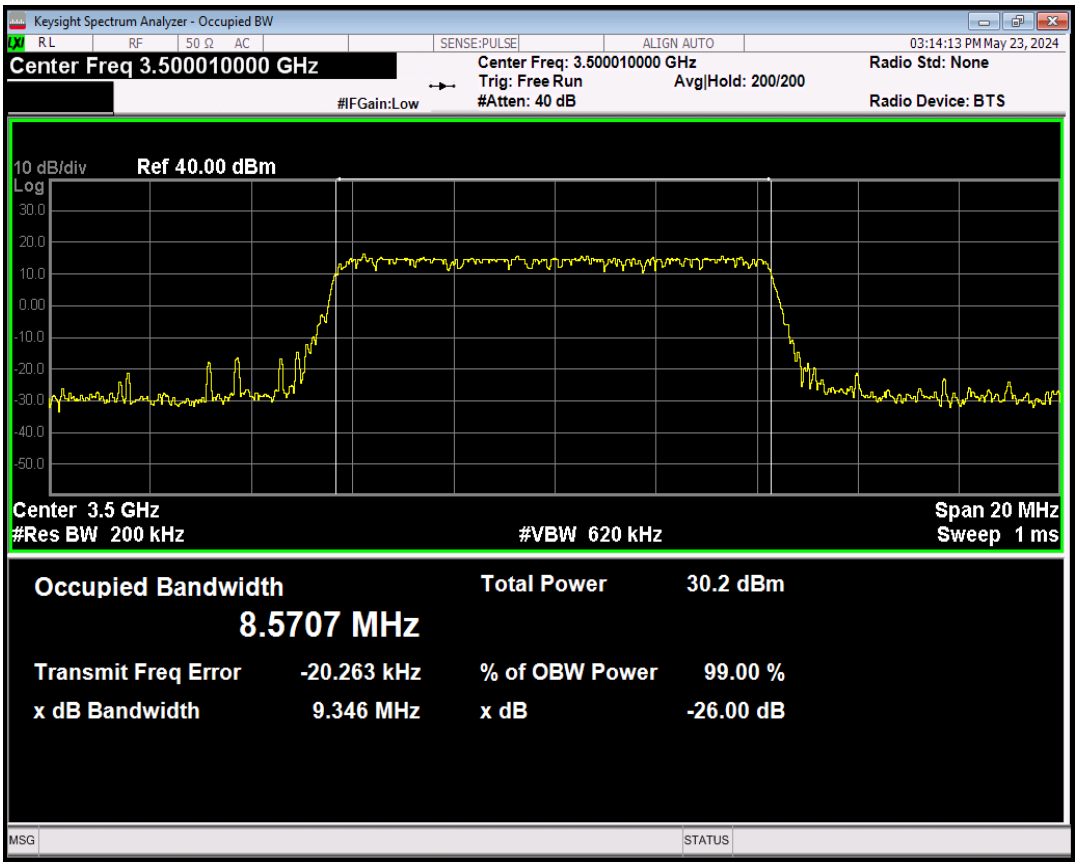
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.582	9.538	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.571	9.346	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.581	9.415	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.604	9.295	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.599	9.559	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	12.946	14.025	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	12.916	13.998	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM16	12.917	14.430	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM64	12.936	14.421	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QAM256	12.914	13.822	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	17.964	19.398	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	17.965	19.372	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM16	17.940	19.278	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM64	17.974	19.402	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QAM256	17.942	19.248	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	35.812	38.172	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	35.764	38.196	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM16	35.972	37.772	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM64	35.901	38.190	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QAM256	35.836	38.476	PASS

n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	45.886	49.193	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	45.789	48.785	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM16	45.787	48.763	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM64	45.820	48.554	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QAM256	45.917	48.711	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.902	60.991	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	58.029	61.308	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.920	61.013	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.855	60.989	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QAM256	58.064	60.973	PASS
n78(3450-3550)	30	70	633334		DFT_BPSK	64.517	71.354	PASS
n78(3450-3550)	30	70	633334		DFT_QPSK	64.732	68.775	PASS
n78(3450-3550)	30	70	633334		DFT_QAM16	64.663	71.046	PASS
n78(3450-3550)	30	70	633334		DFT_QAM64	64.657	70.442	PASS
n78(3450-3550)	30	70	633334		DFT_QAM256	64.580	68.789	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.196	81.132	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.275	81.193	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.193	81.228	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.195	81.195	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.144	81.291	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_BPSK	85.741	90.363	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QPSK	85.864	90.210	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.075	90.291	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM64	85.808	90.322	PASS
n78(3450-3550)	30	90	633334	240@0	DFT_QAM256	85.755	90.275	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.377	101.401	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.415	101.674	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.224	101.353	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.265	101.452	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.095	101.506	PASS

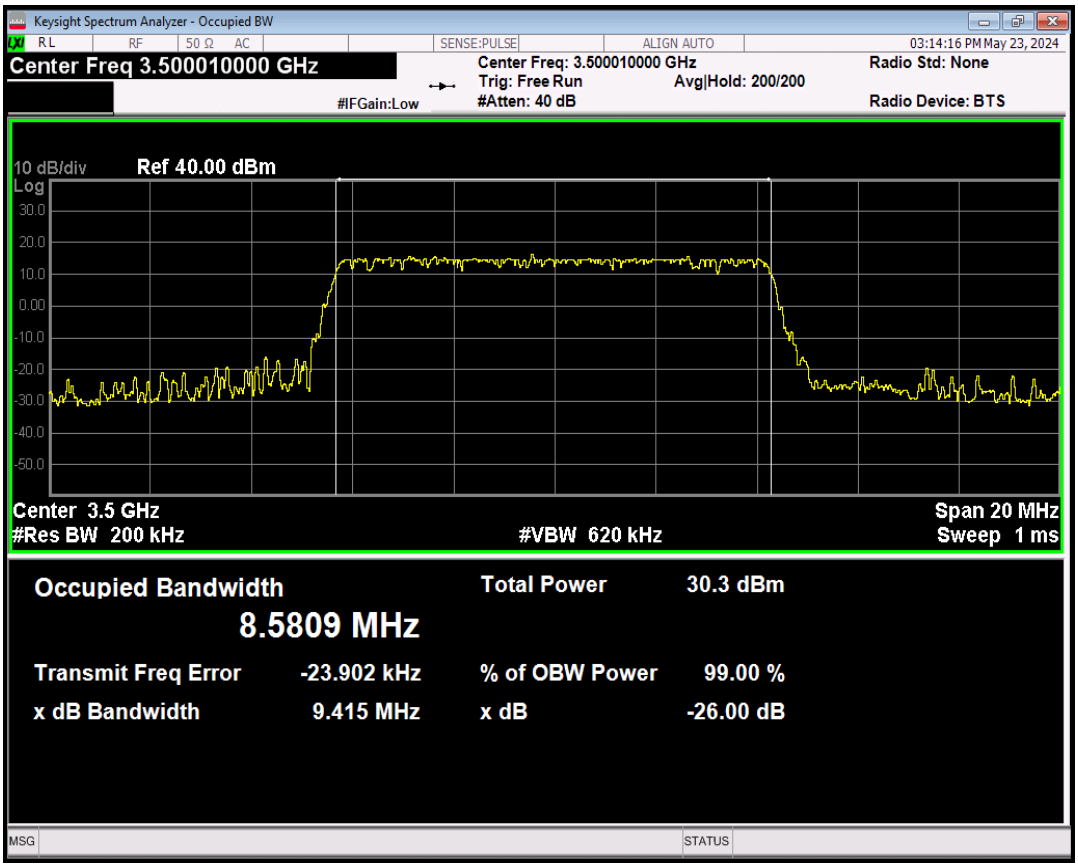
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



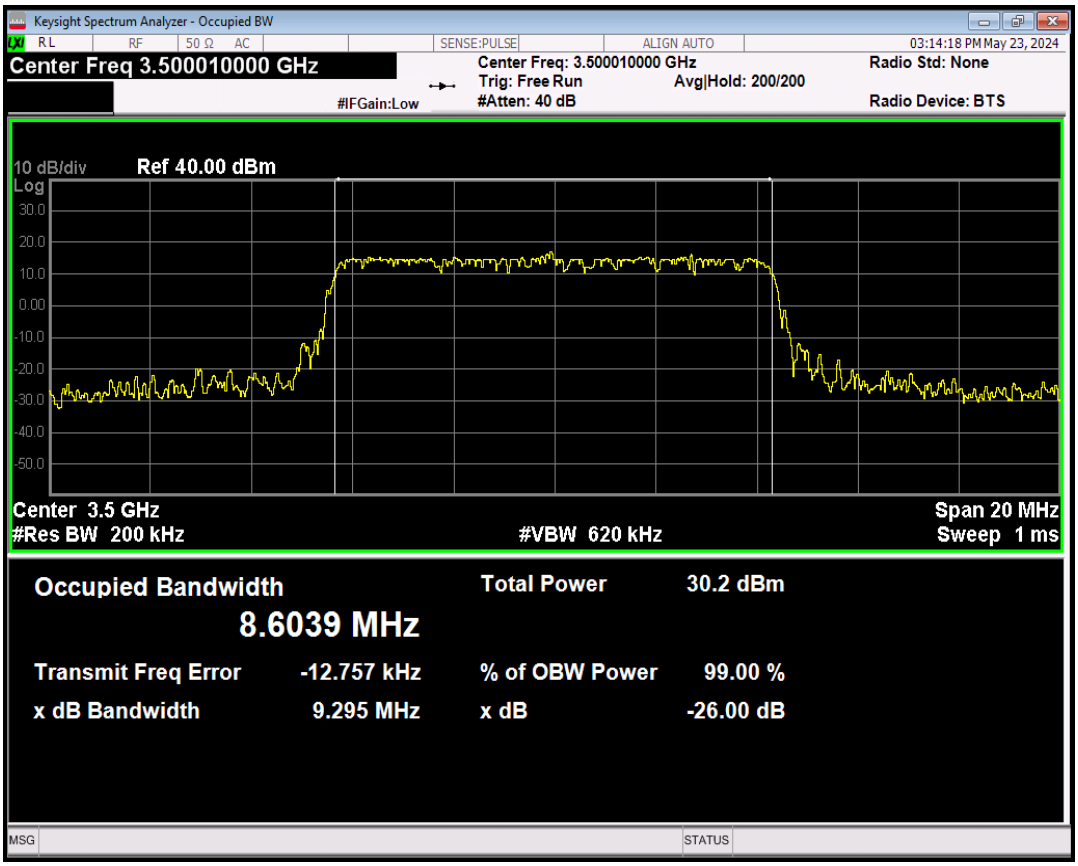
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



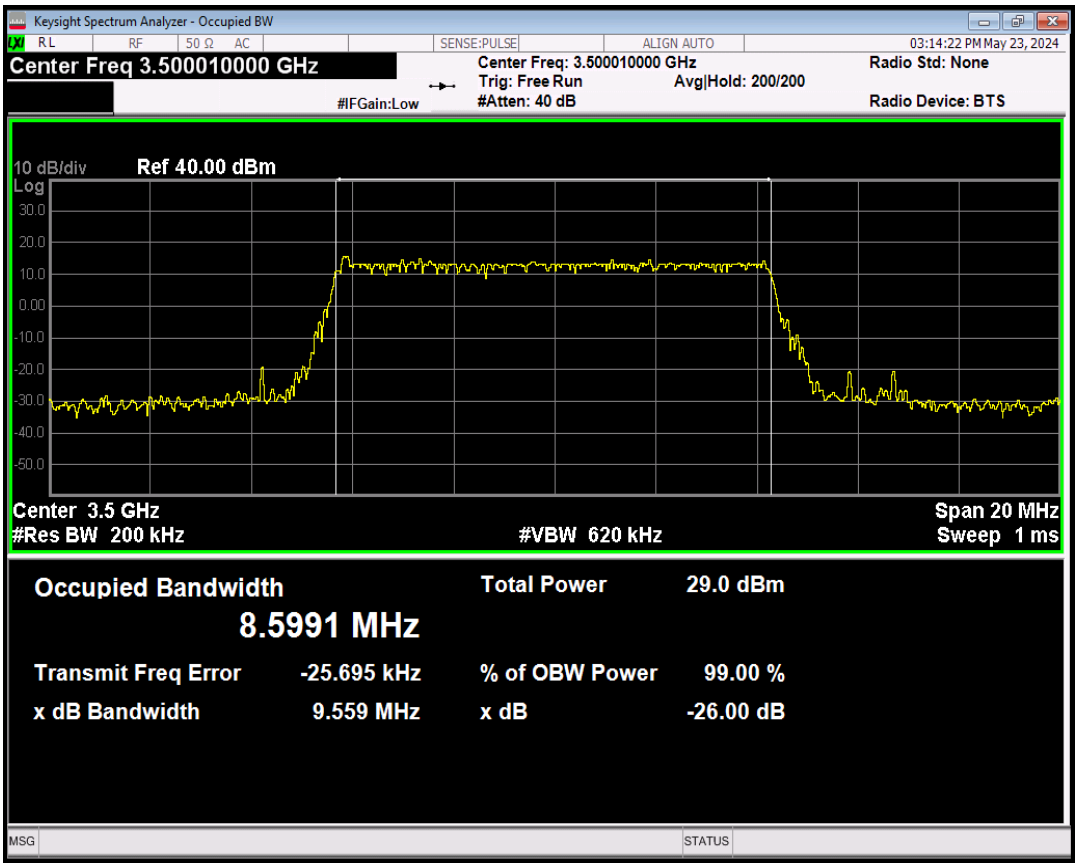
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



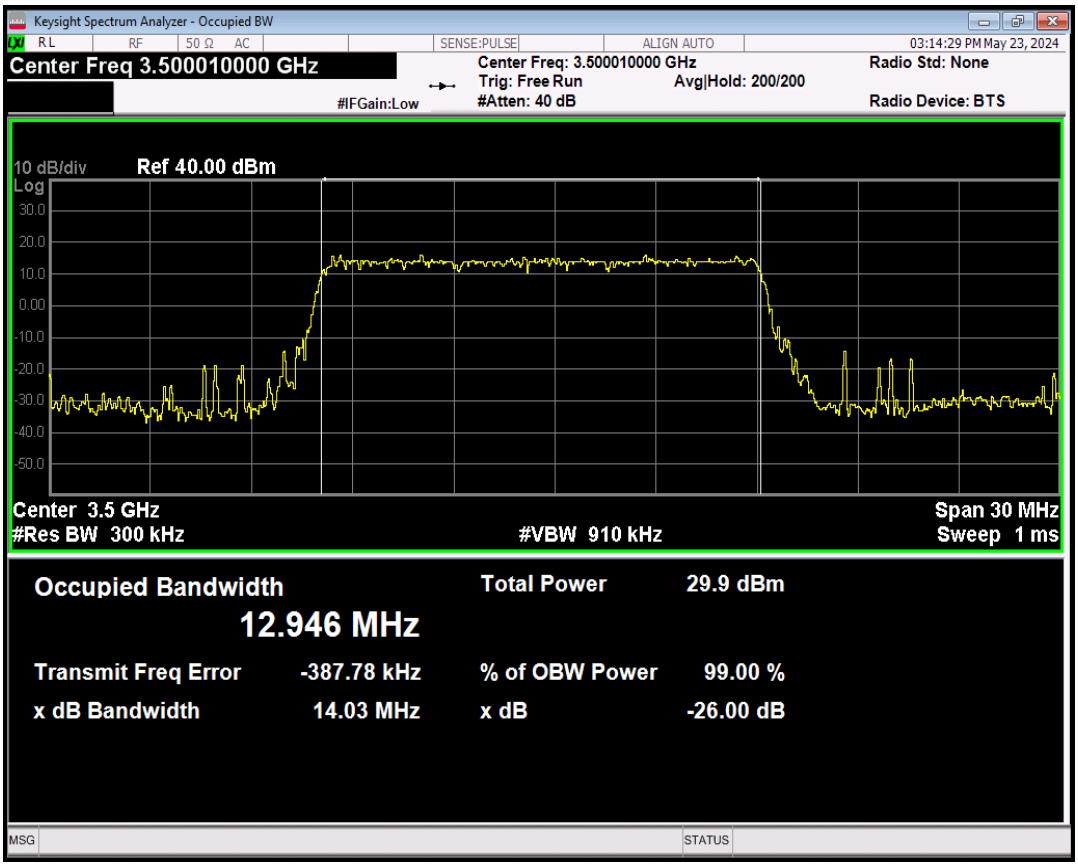
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



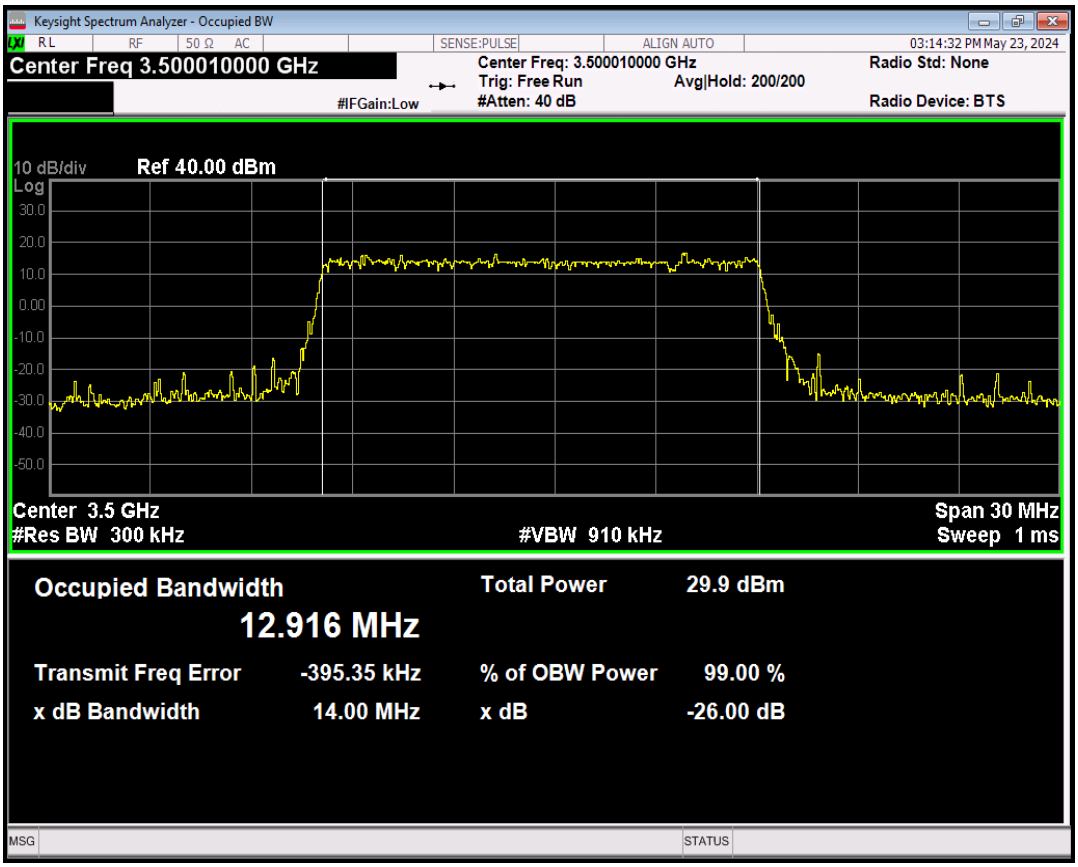
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



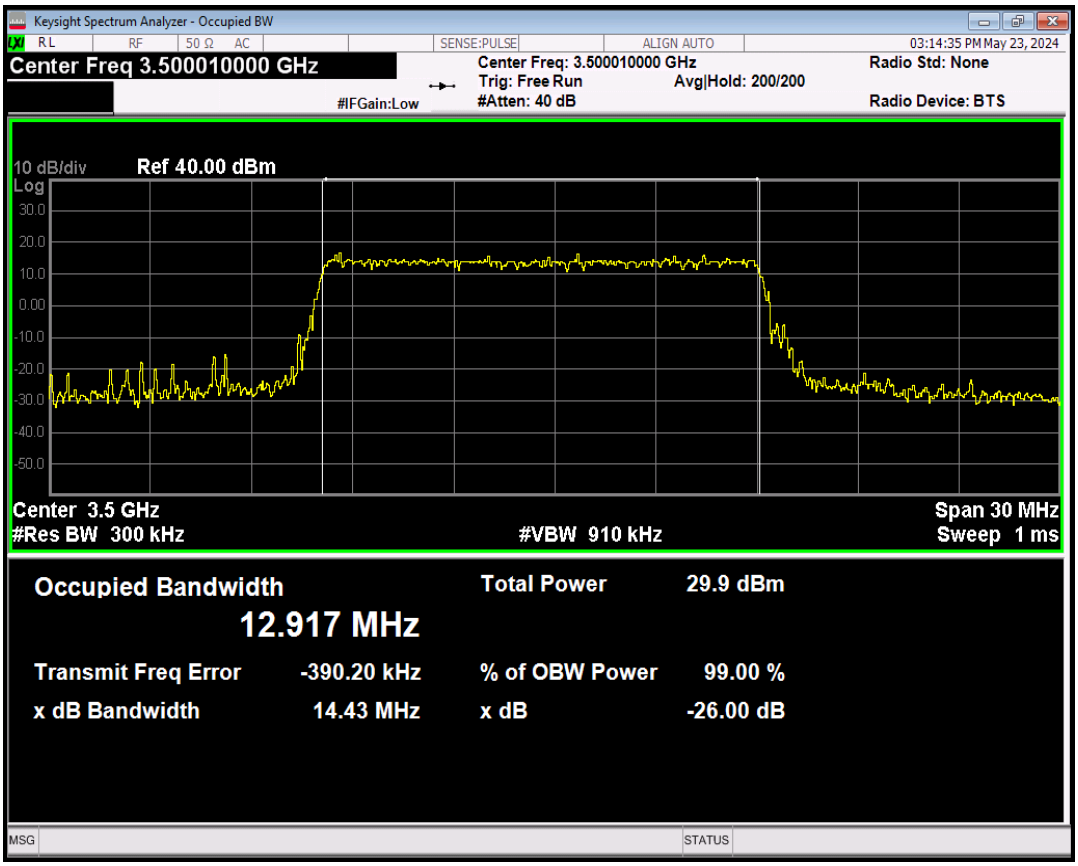
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



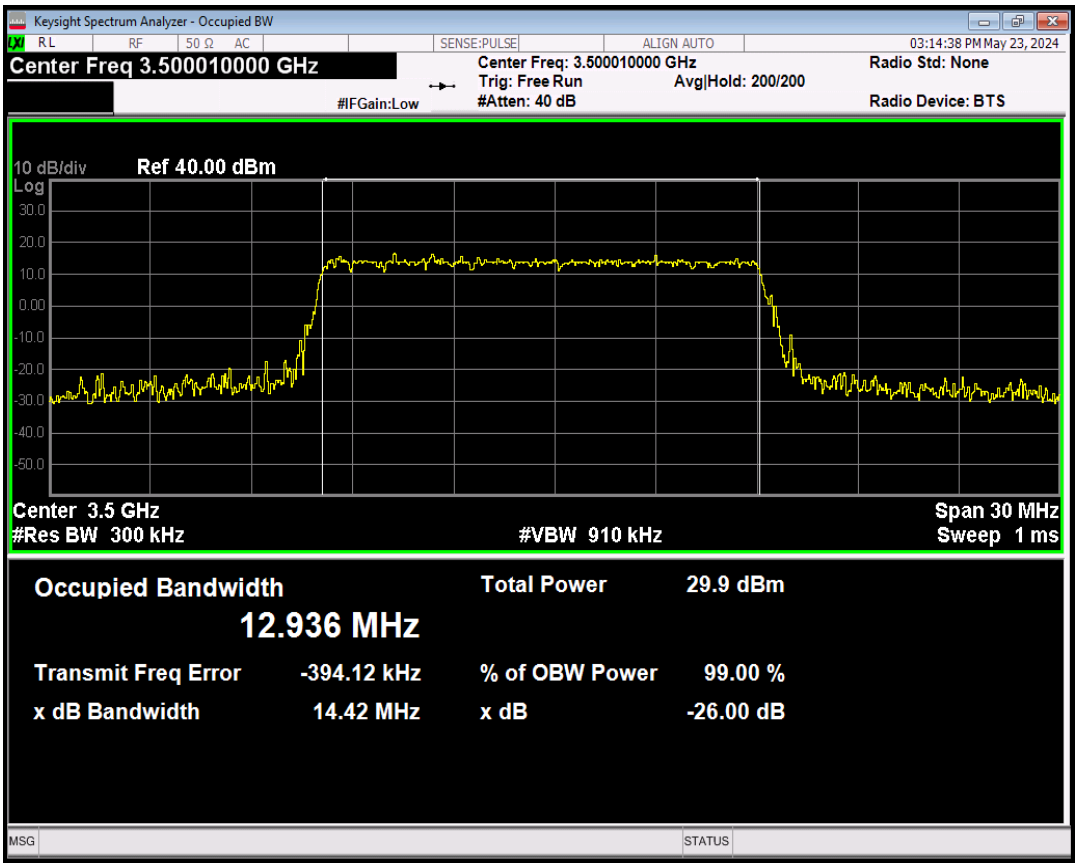
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



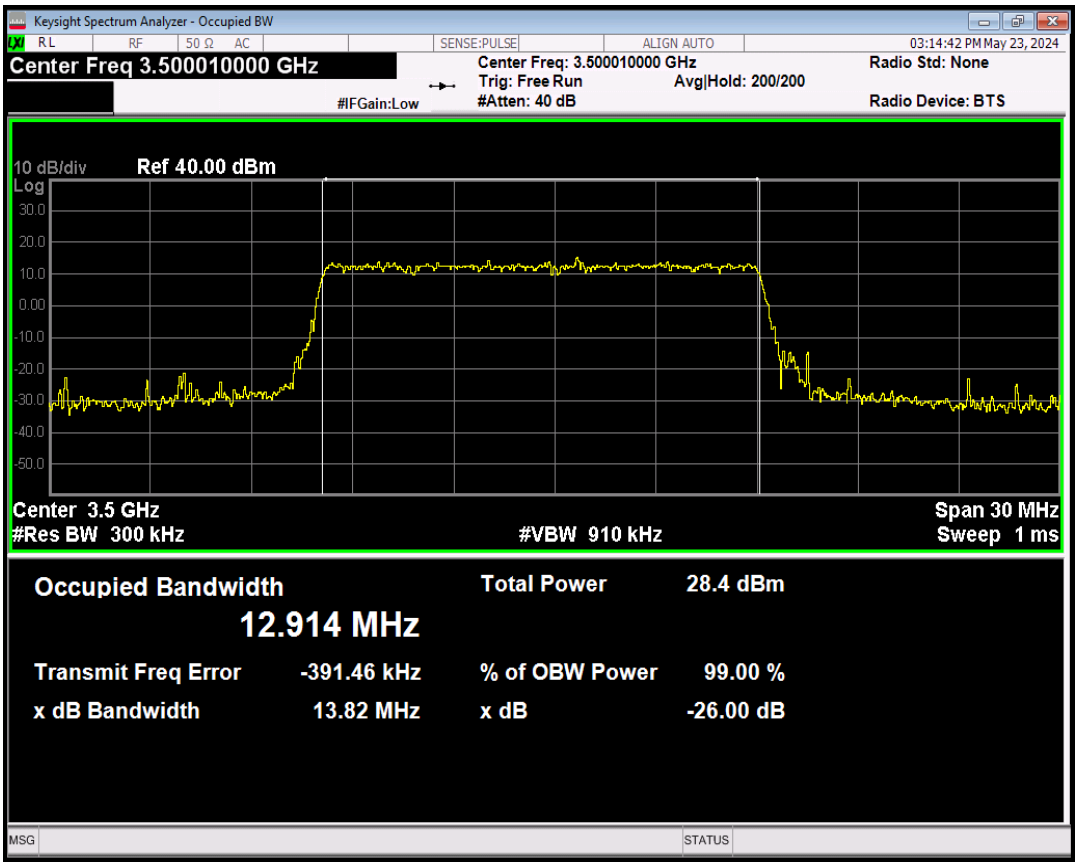
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



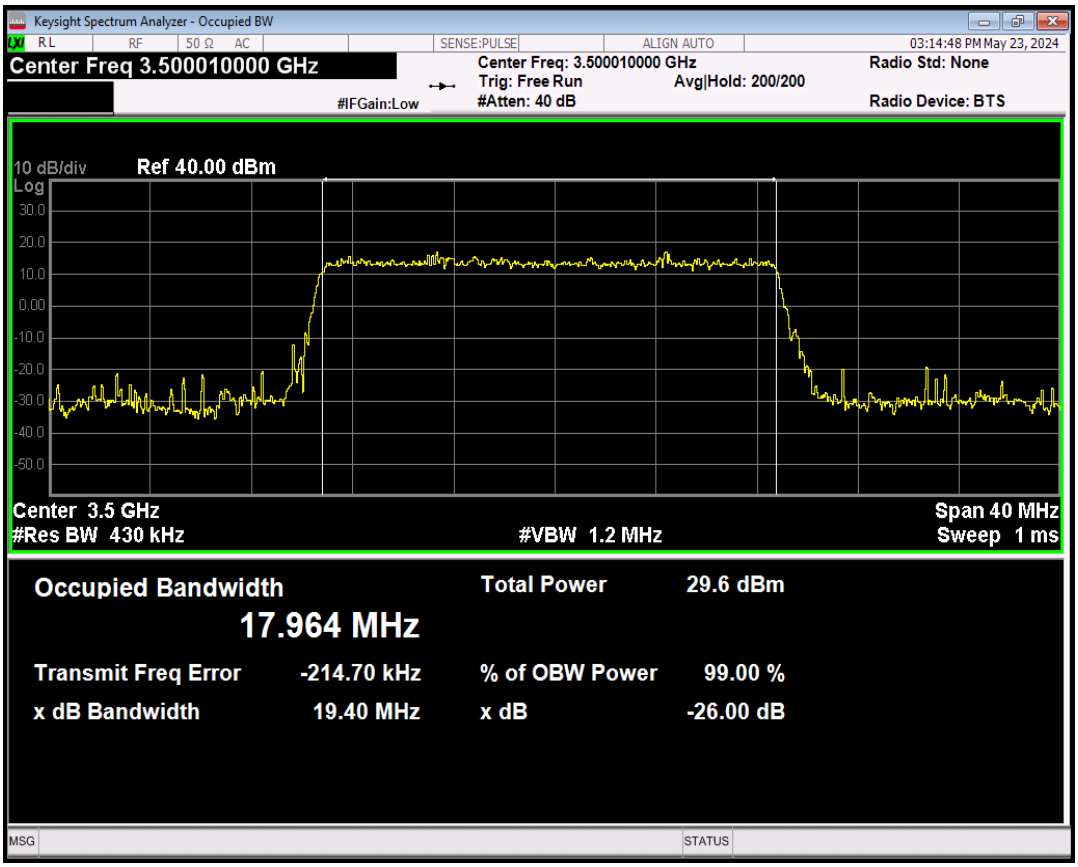
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



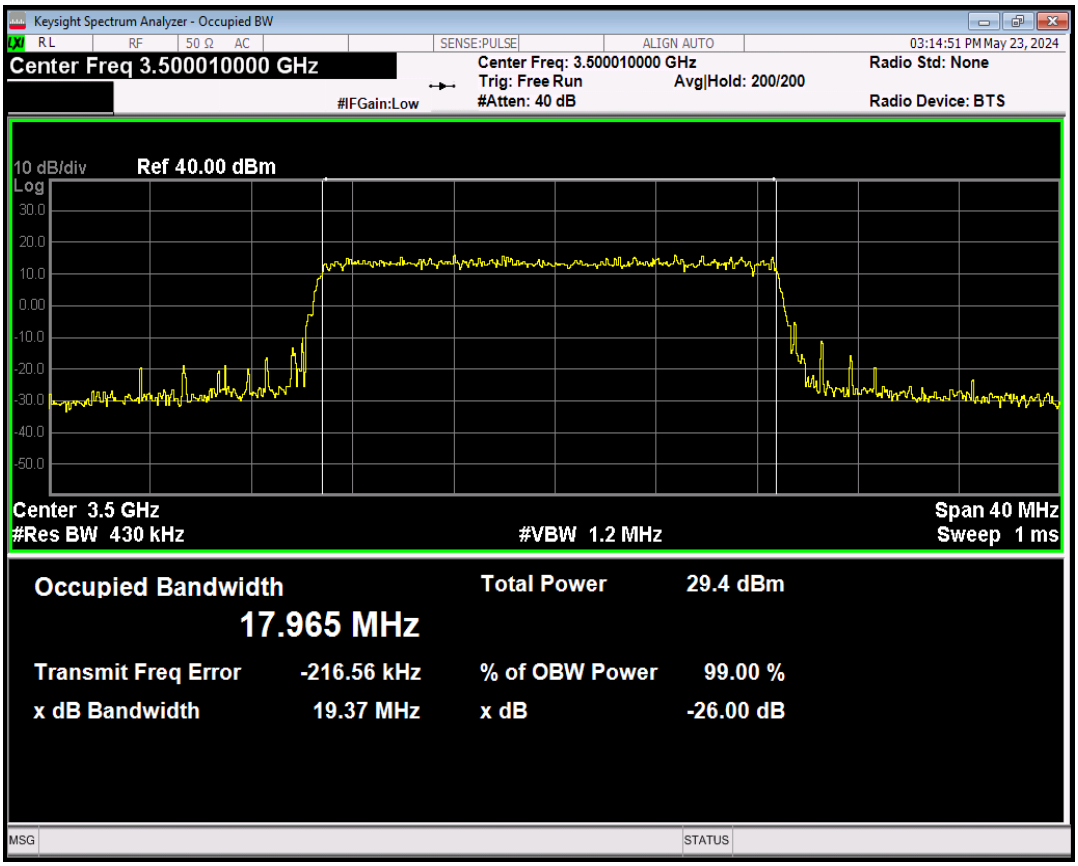
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



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



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



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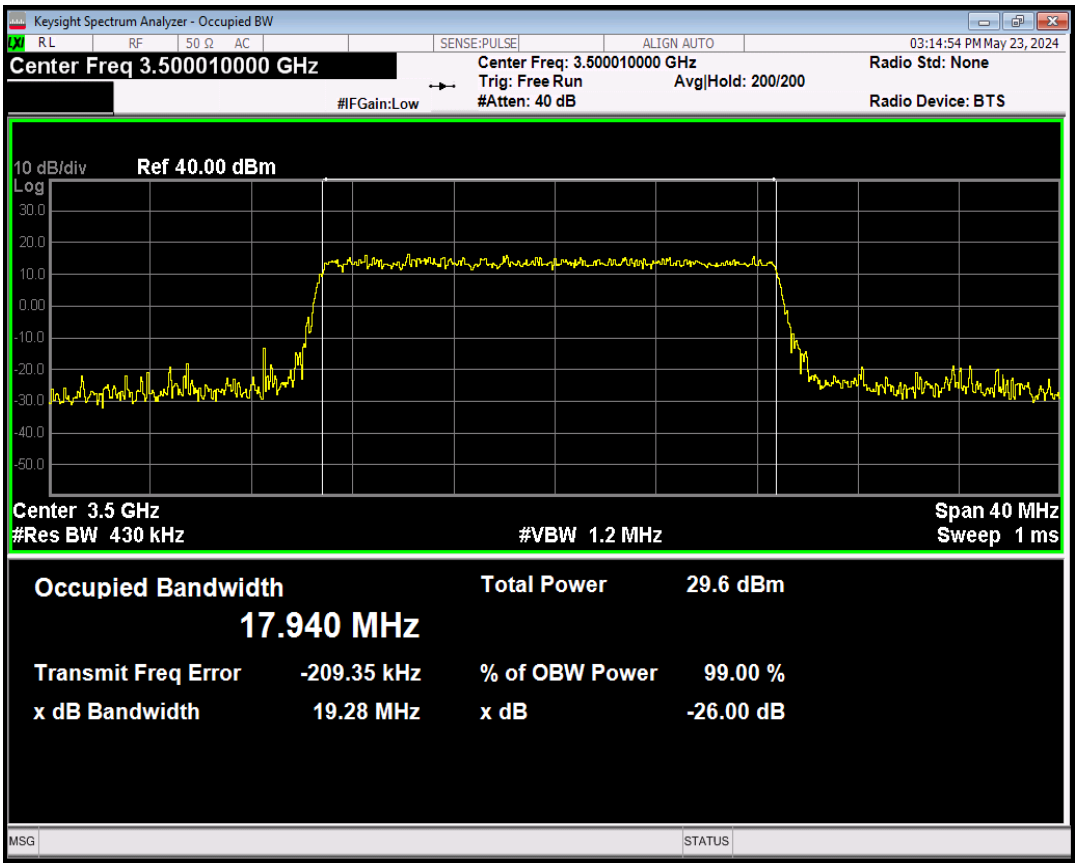

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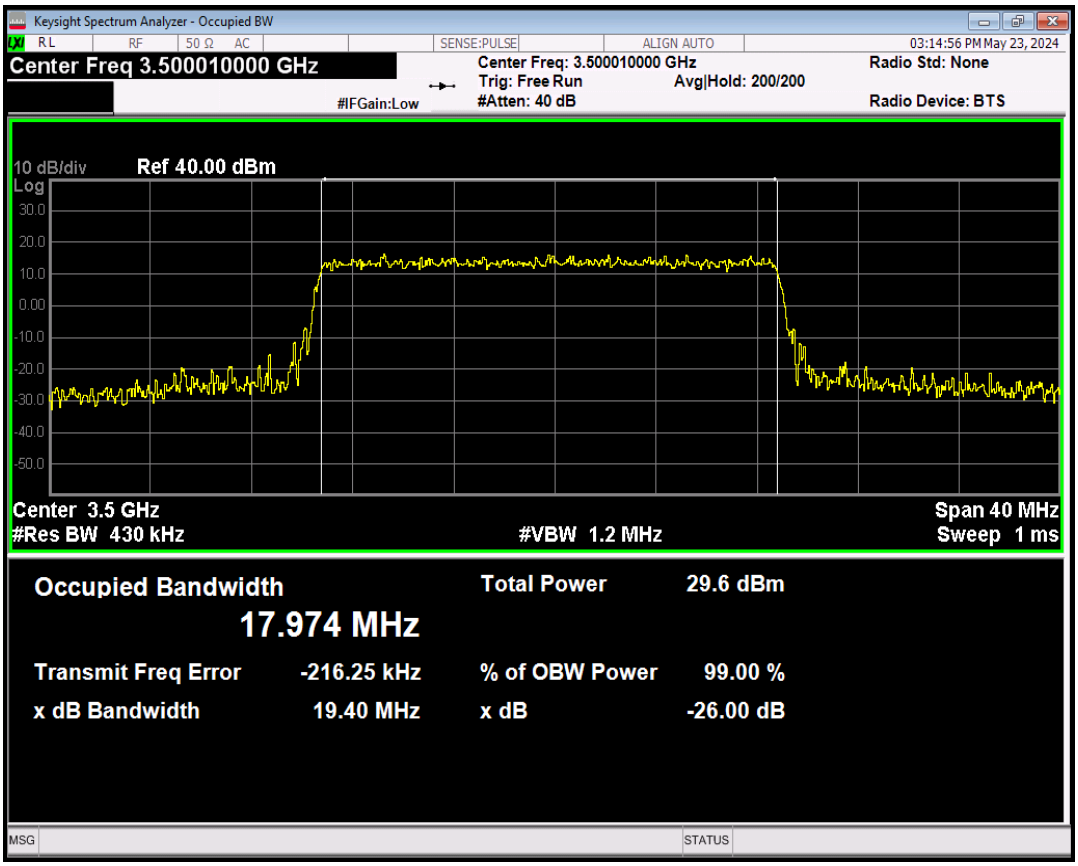

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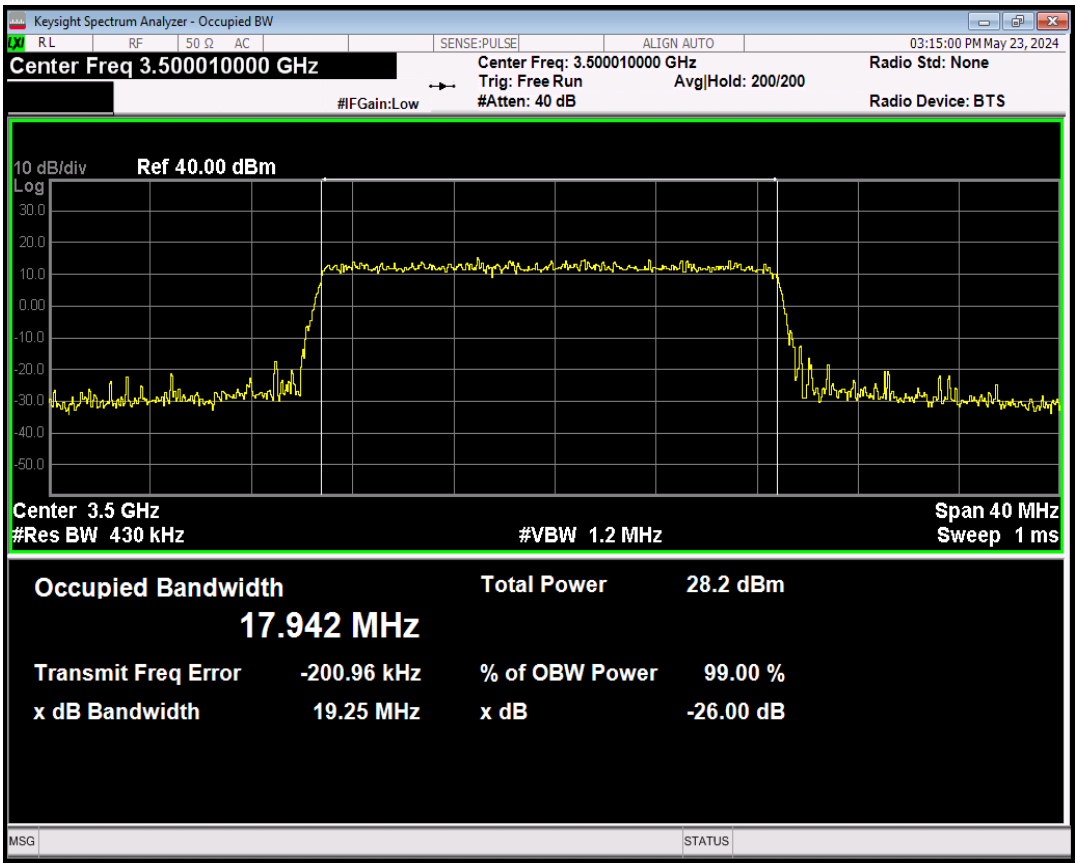

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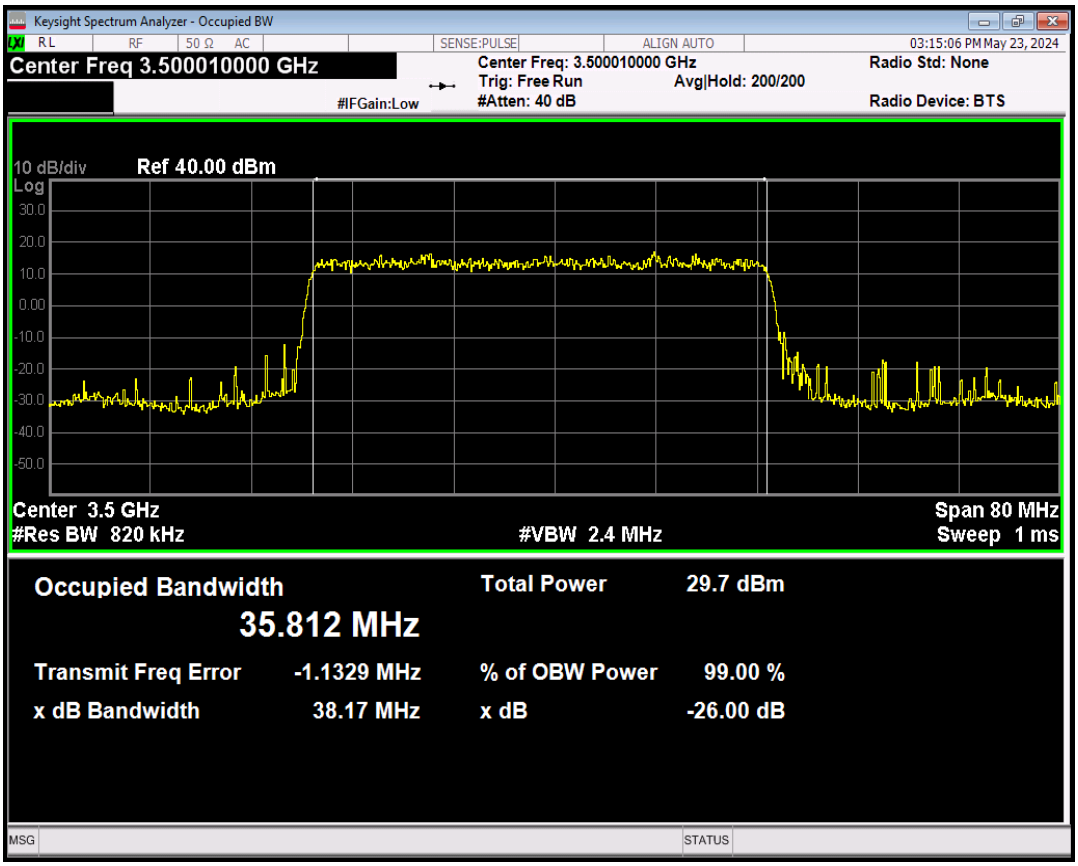
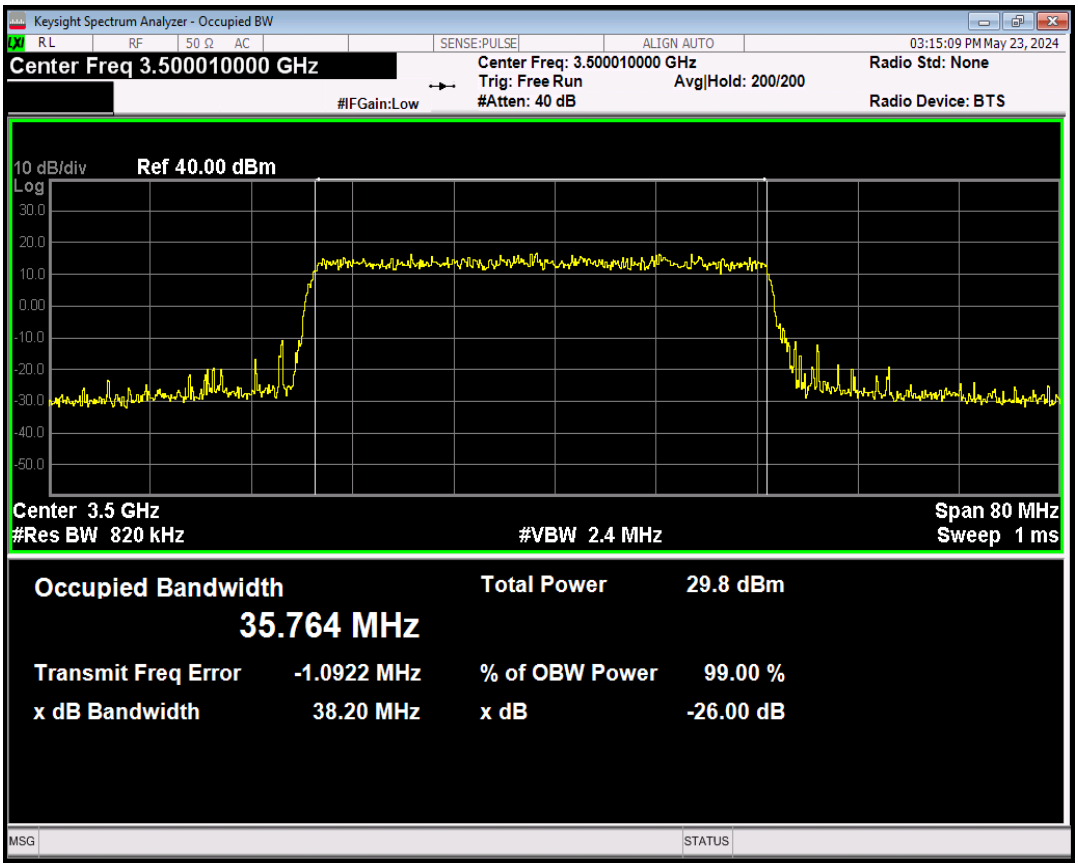


n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



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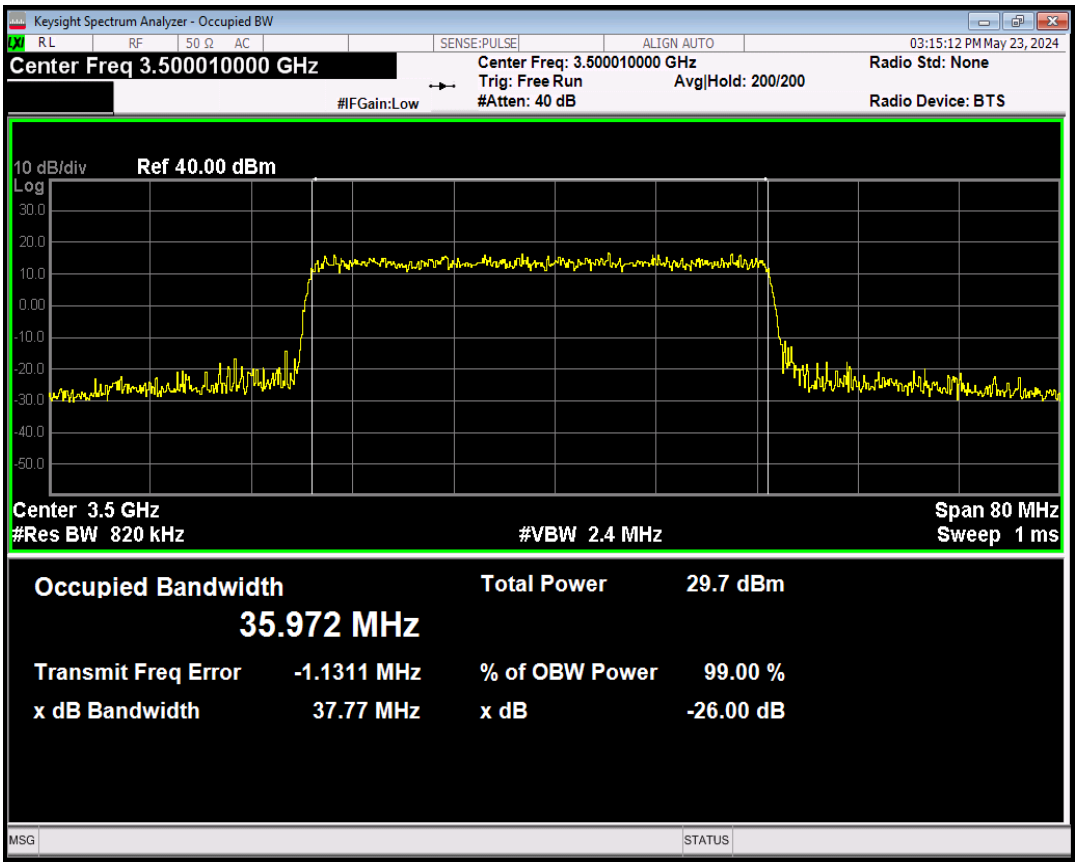

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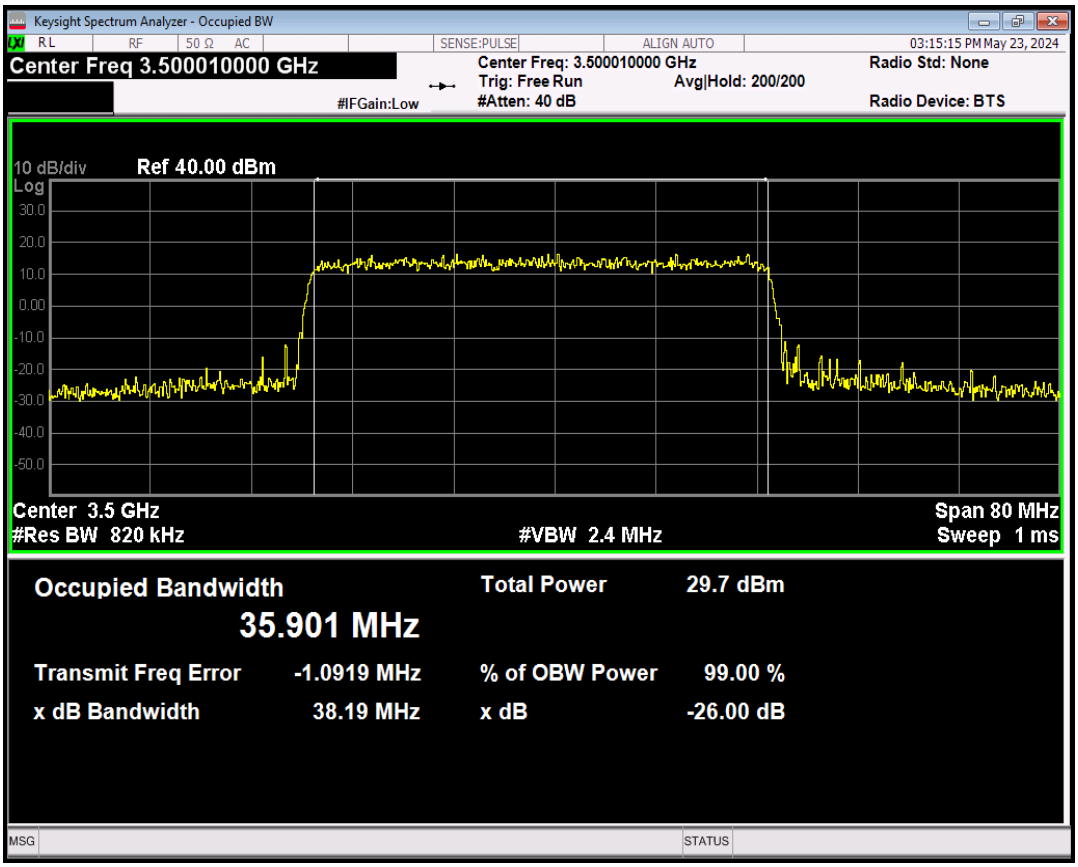
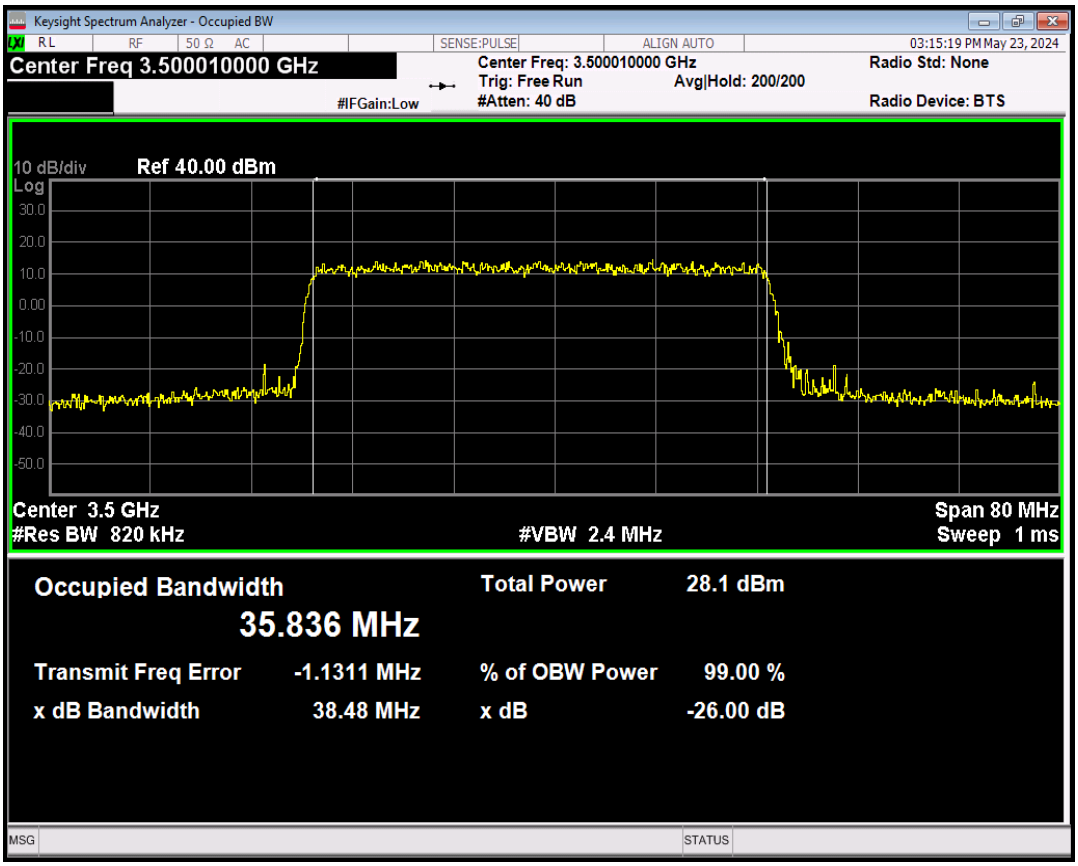
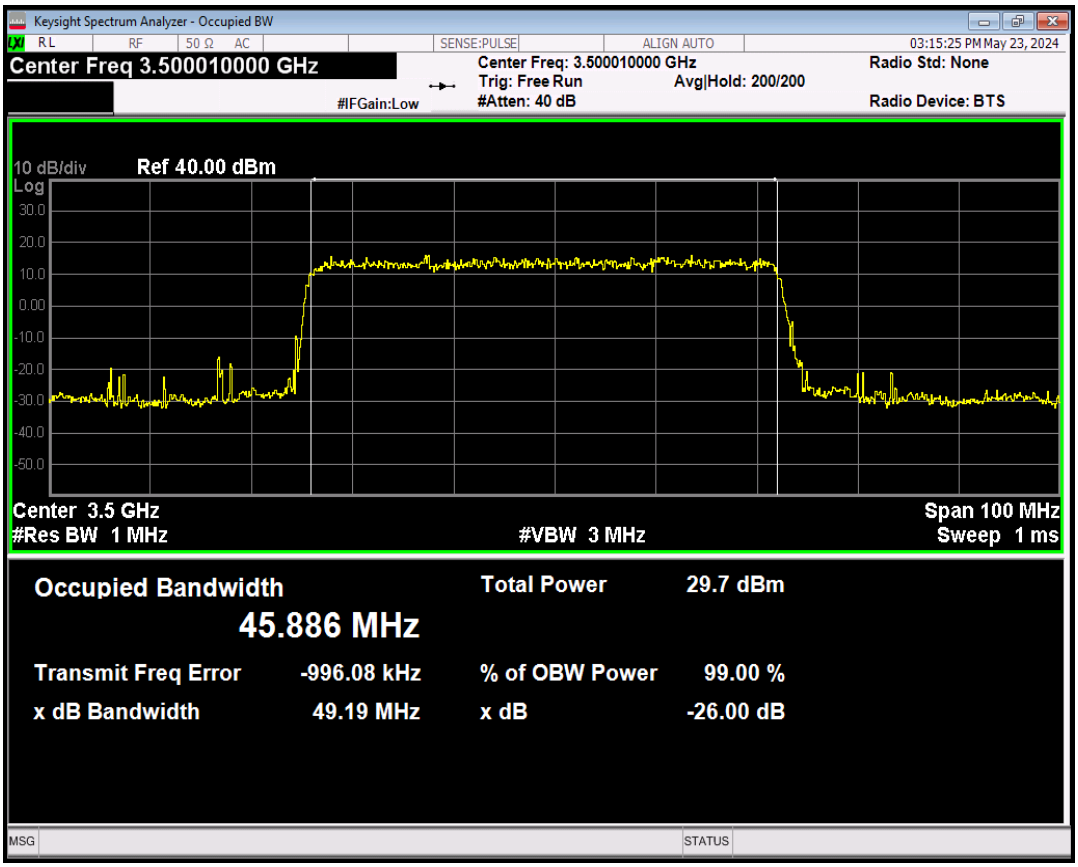


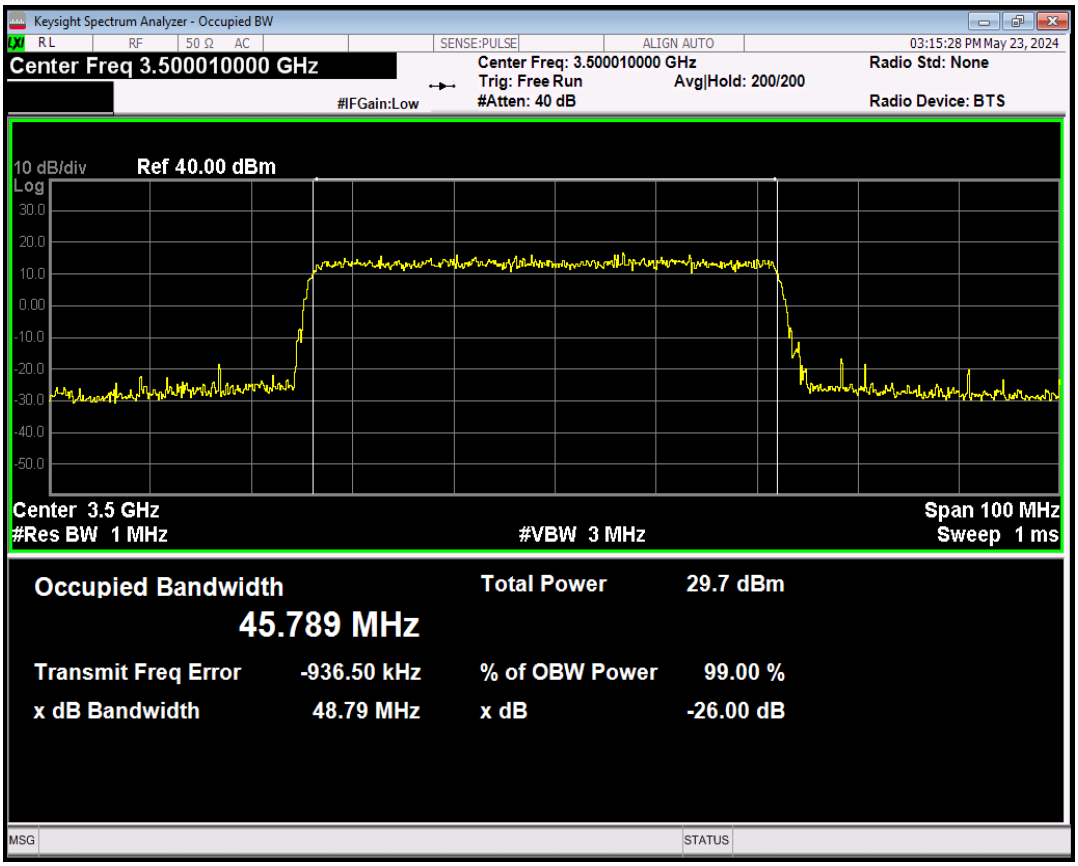
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



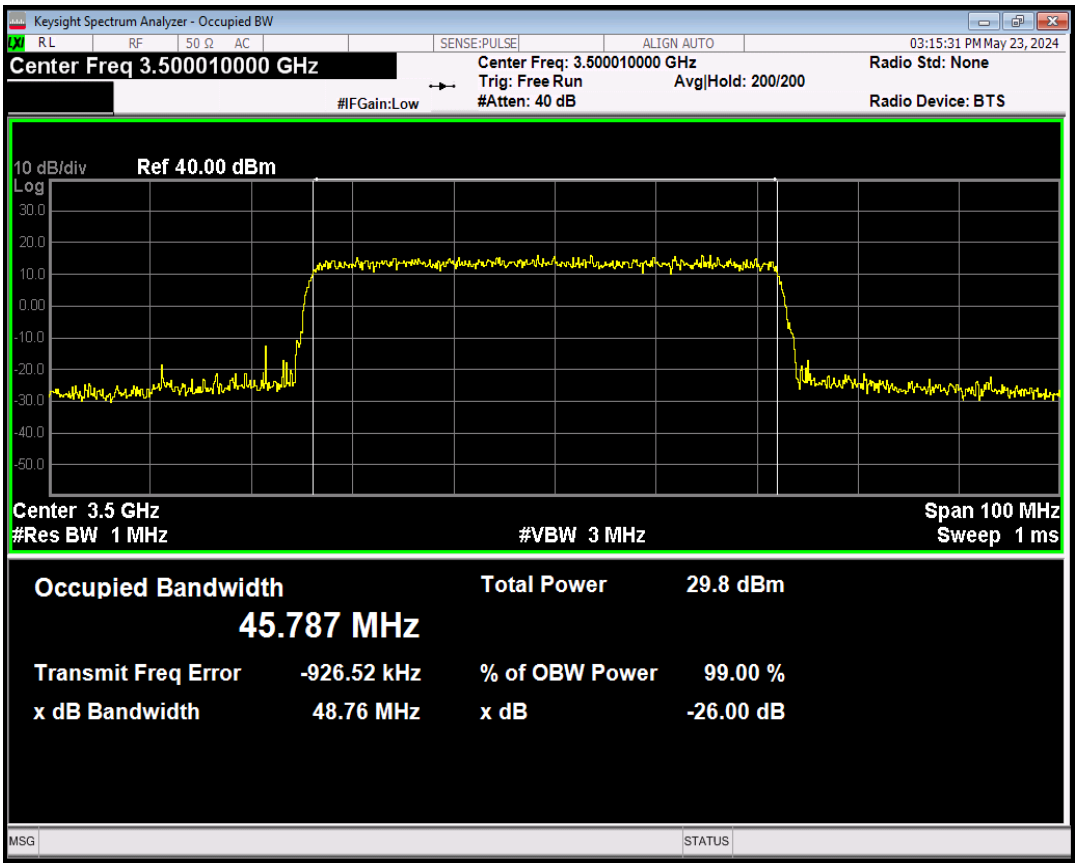
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



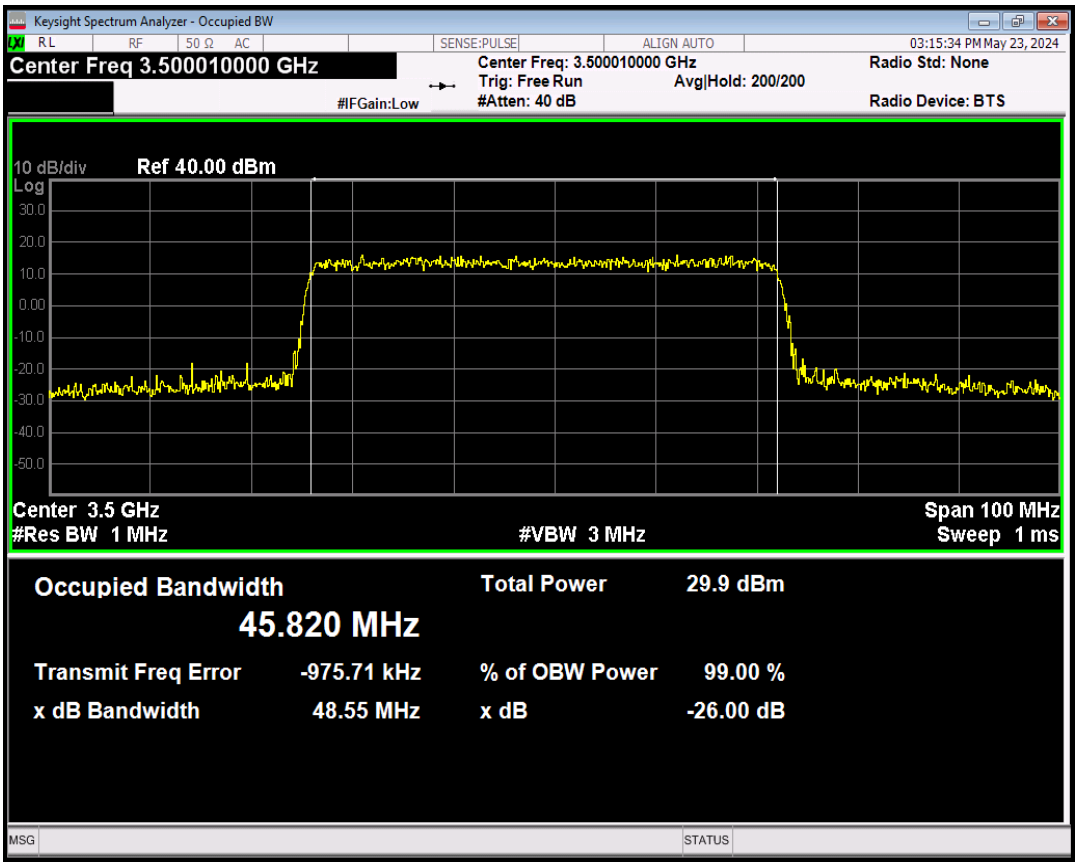
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



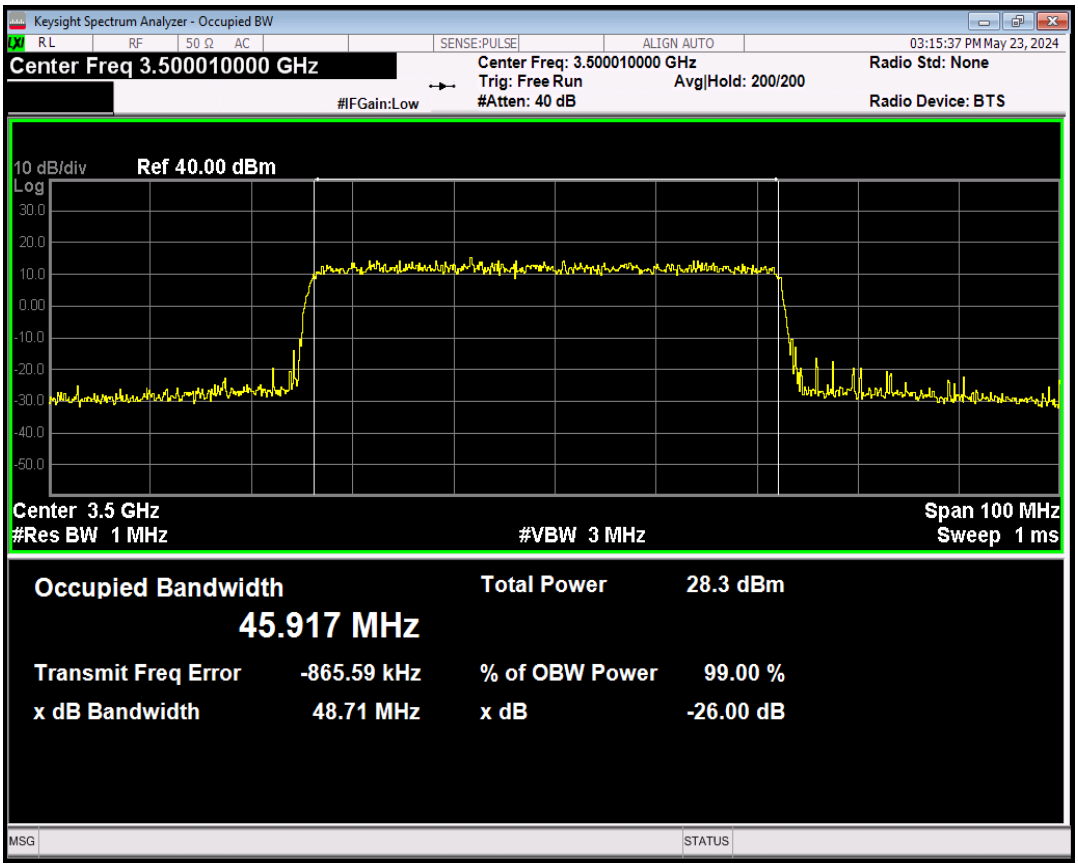
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



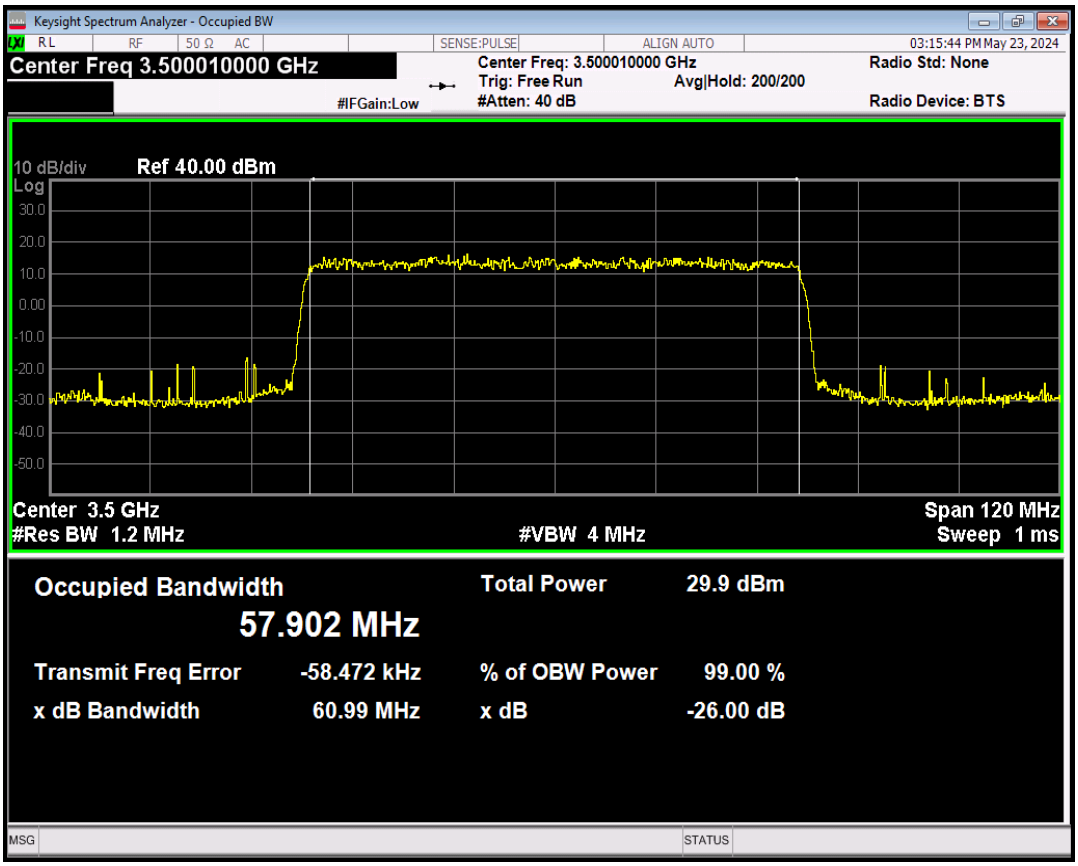
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



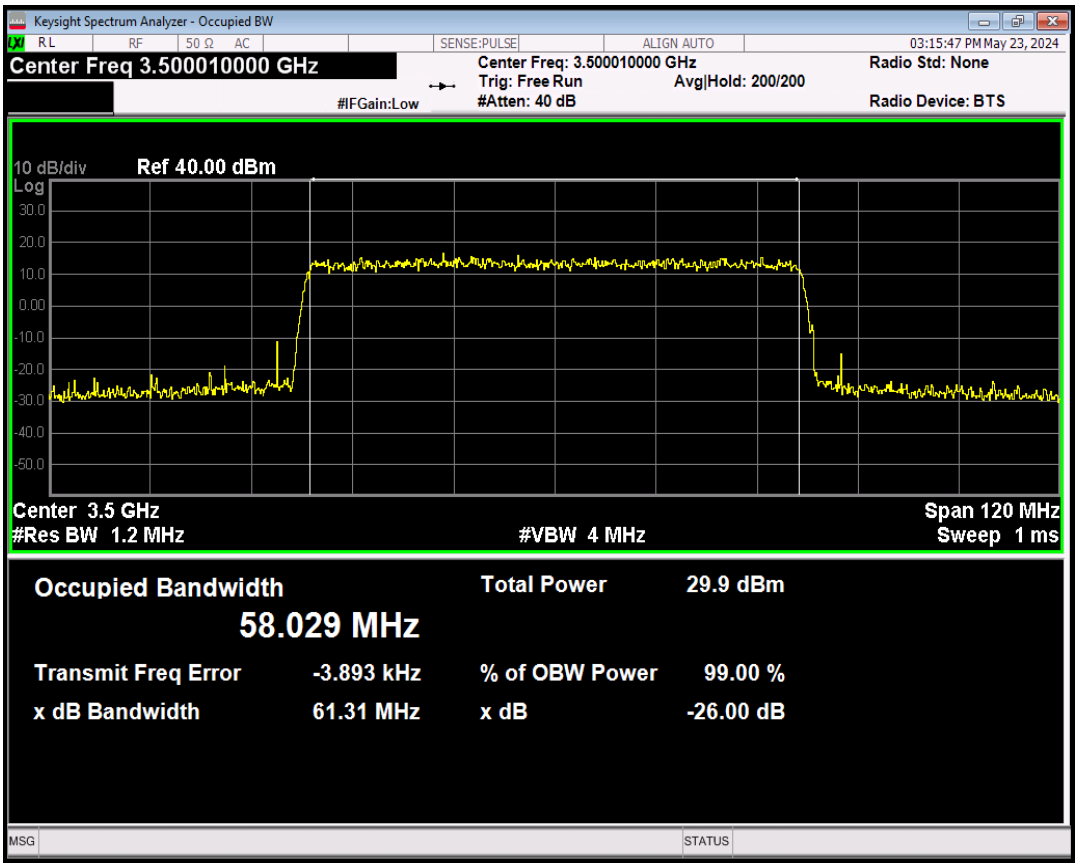
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



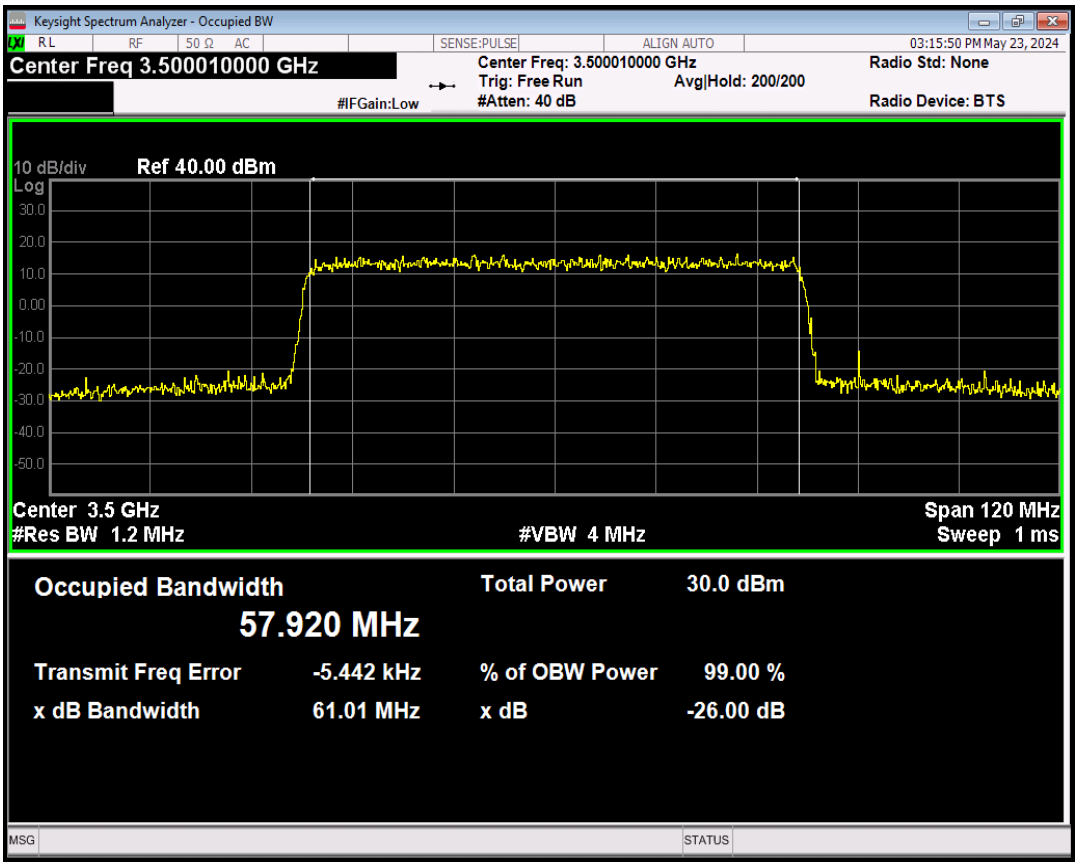
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



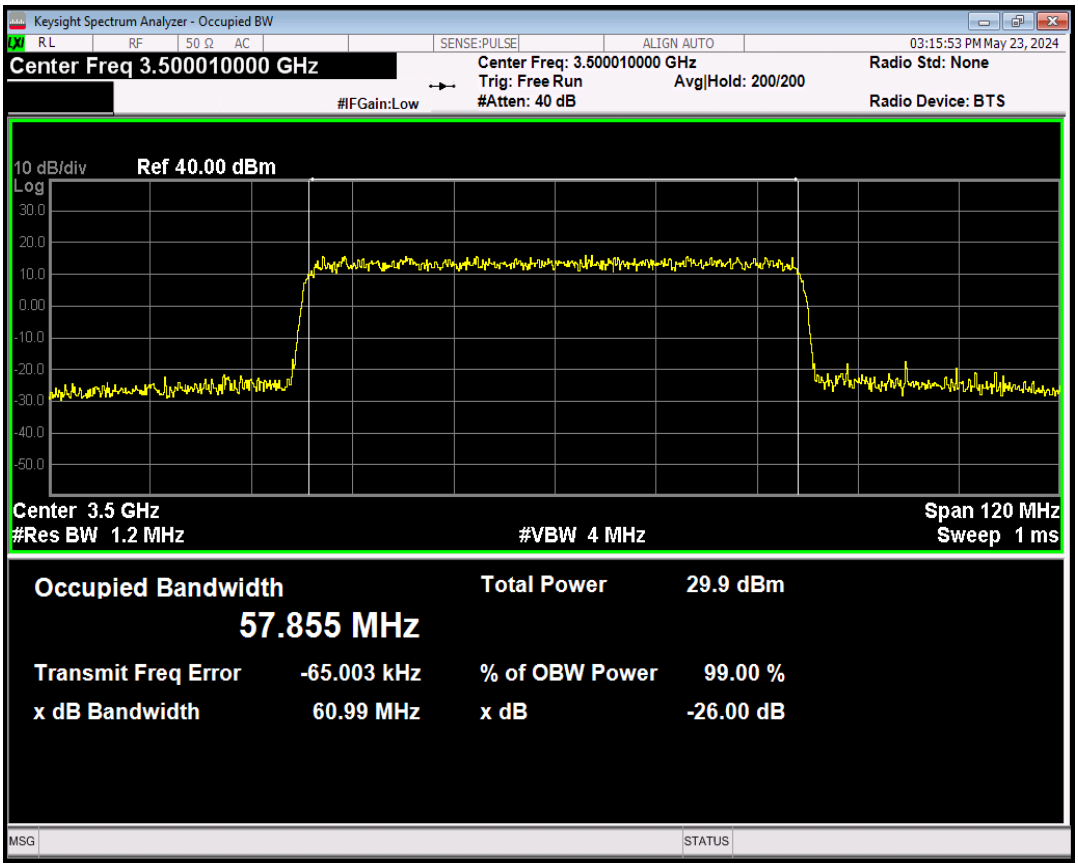
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



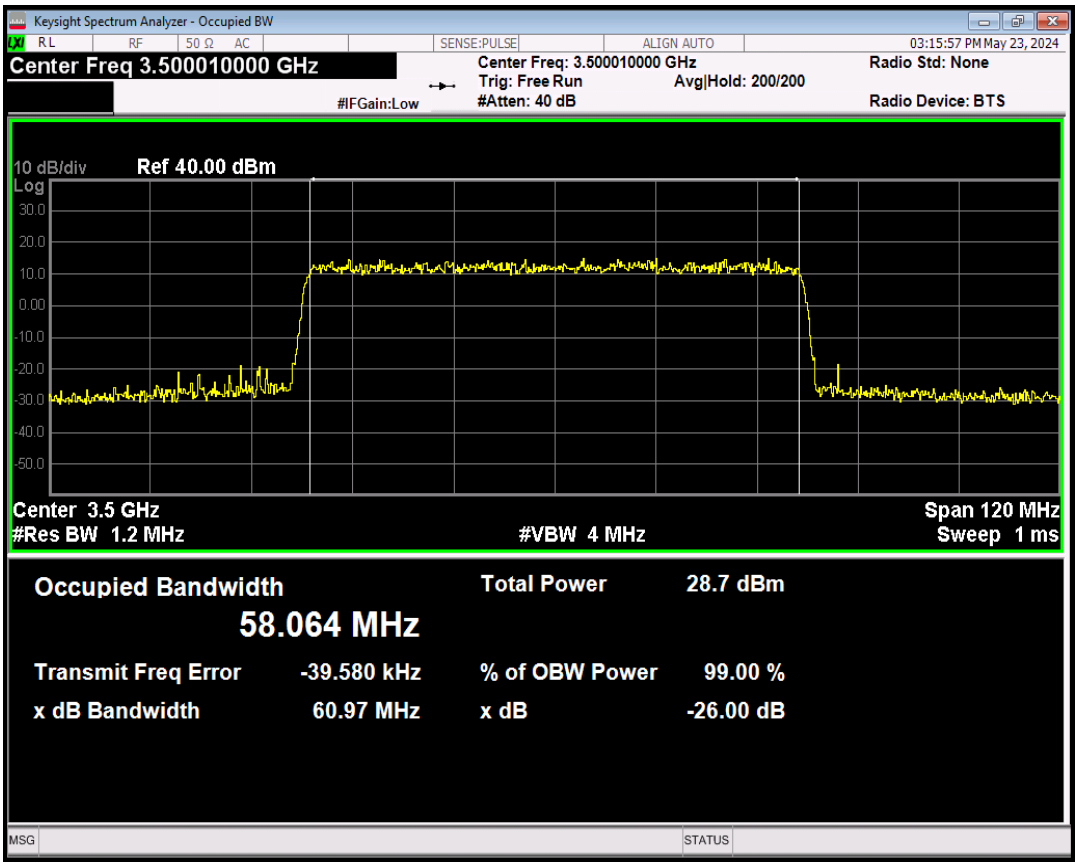
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



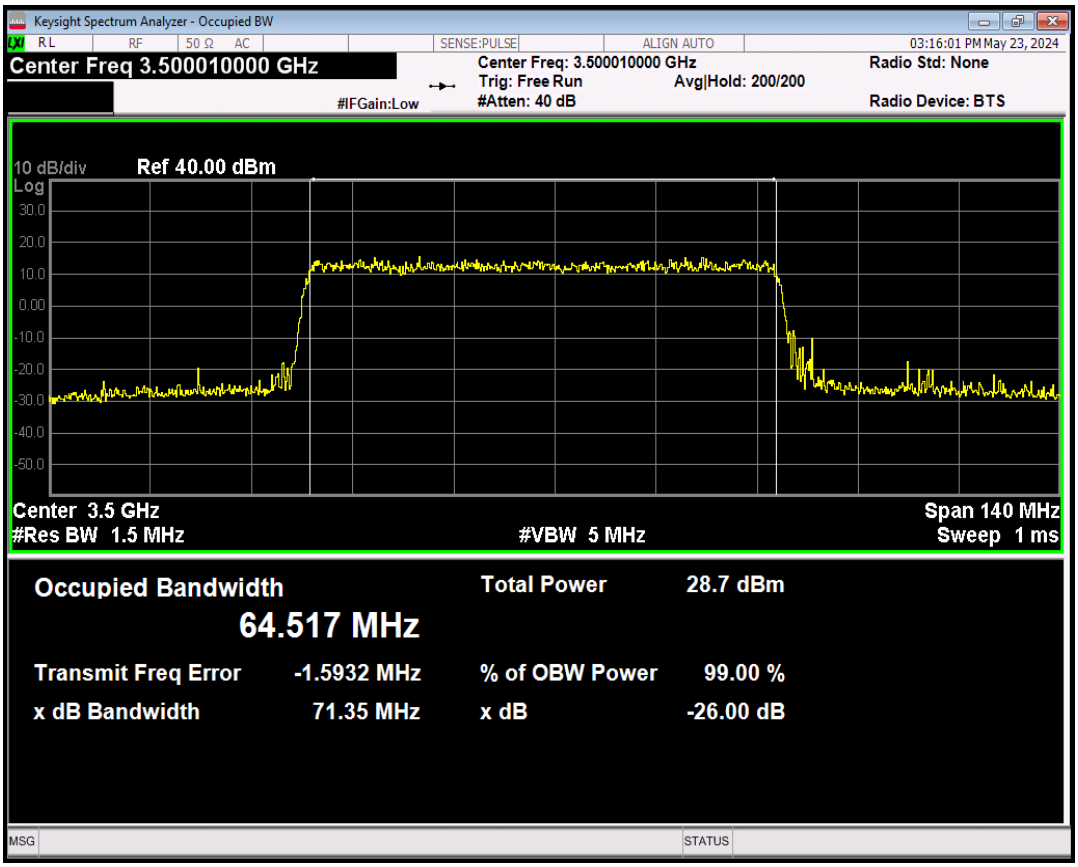
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



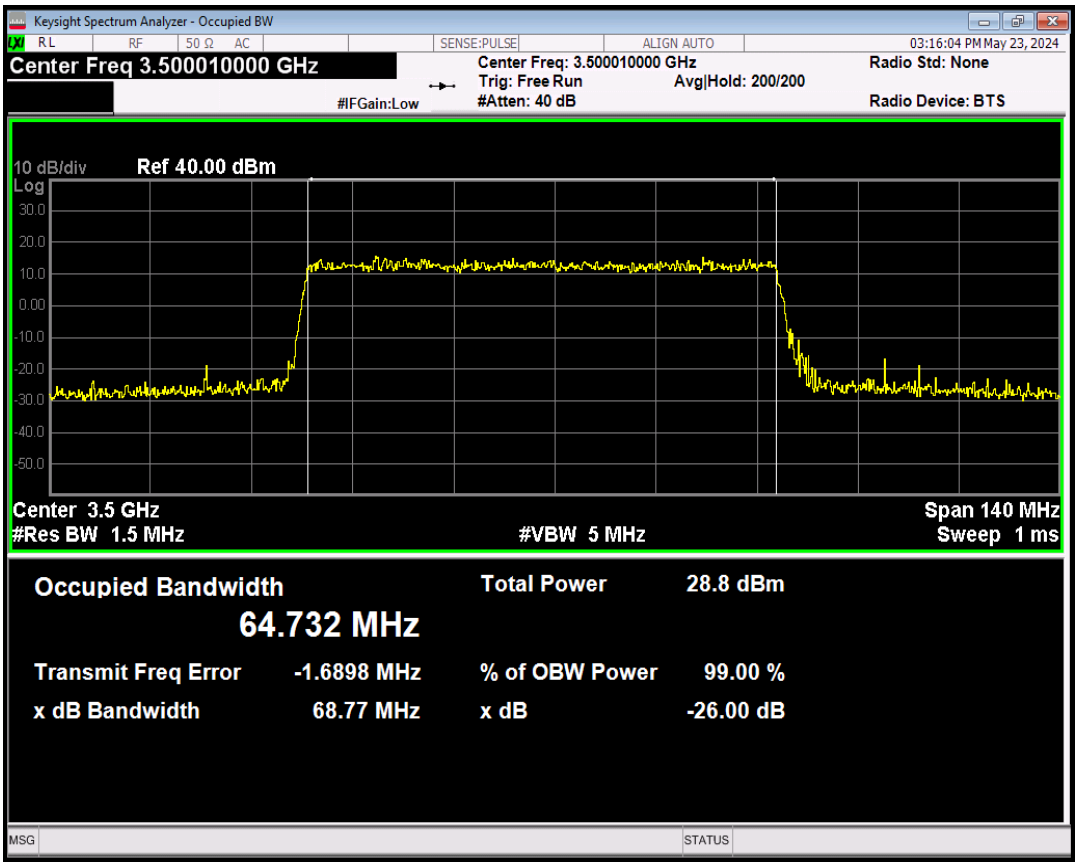
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



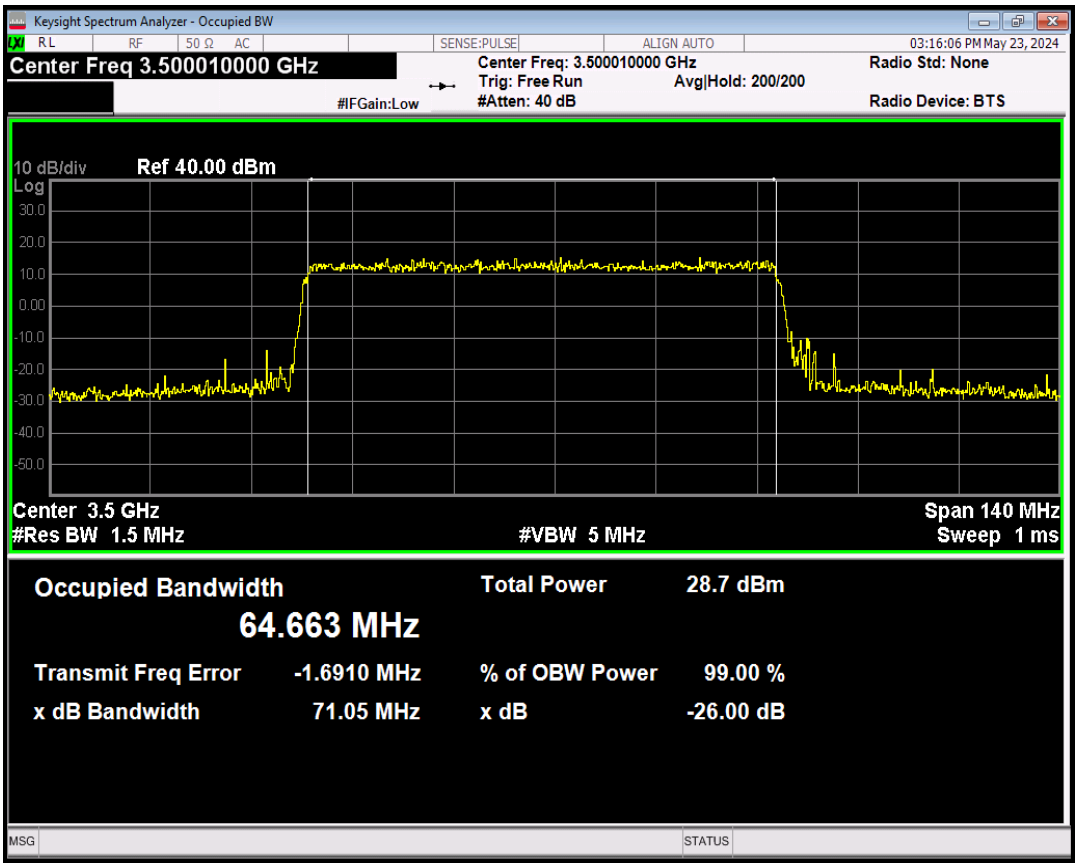
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=



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



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=633334 RB=



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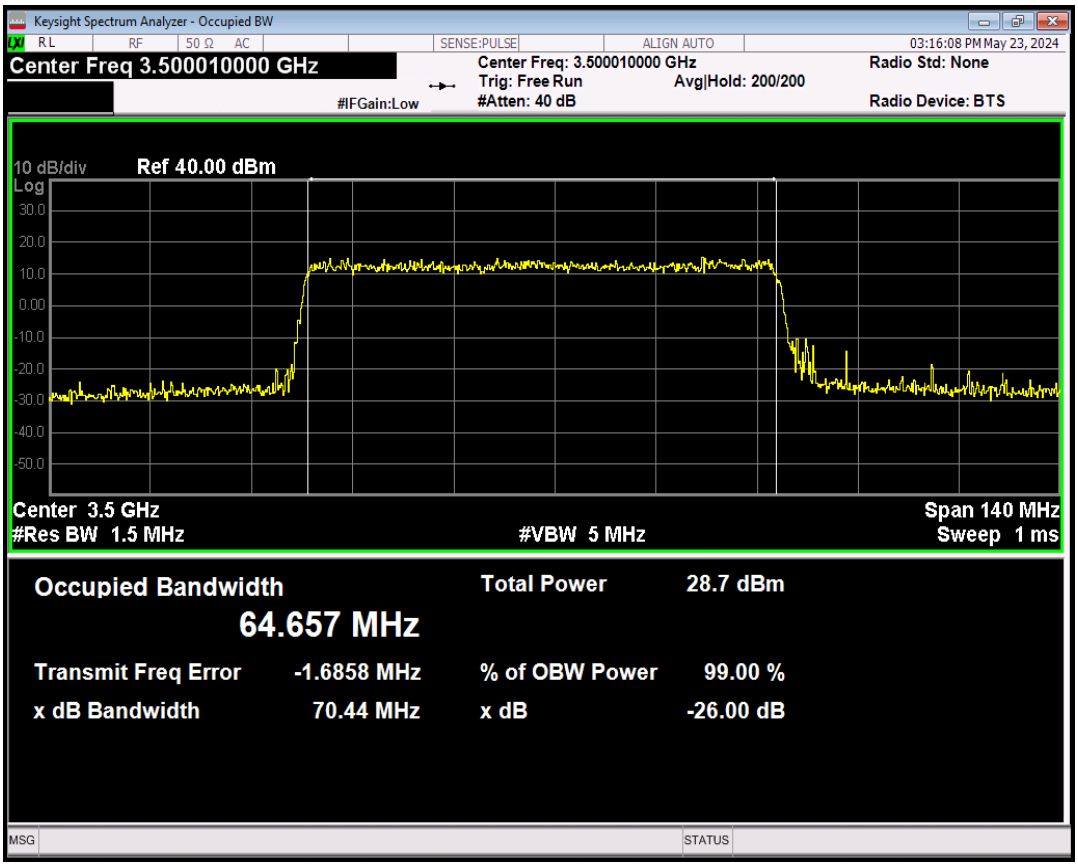
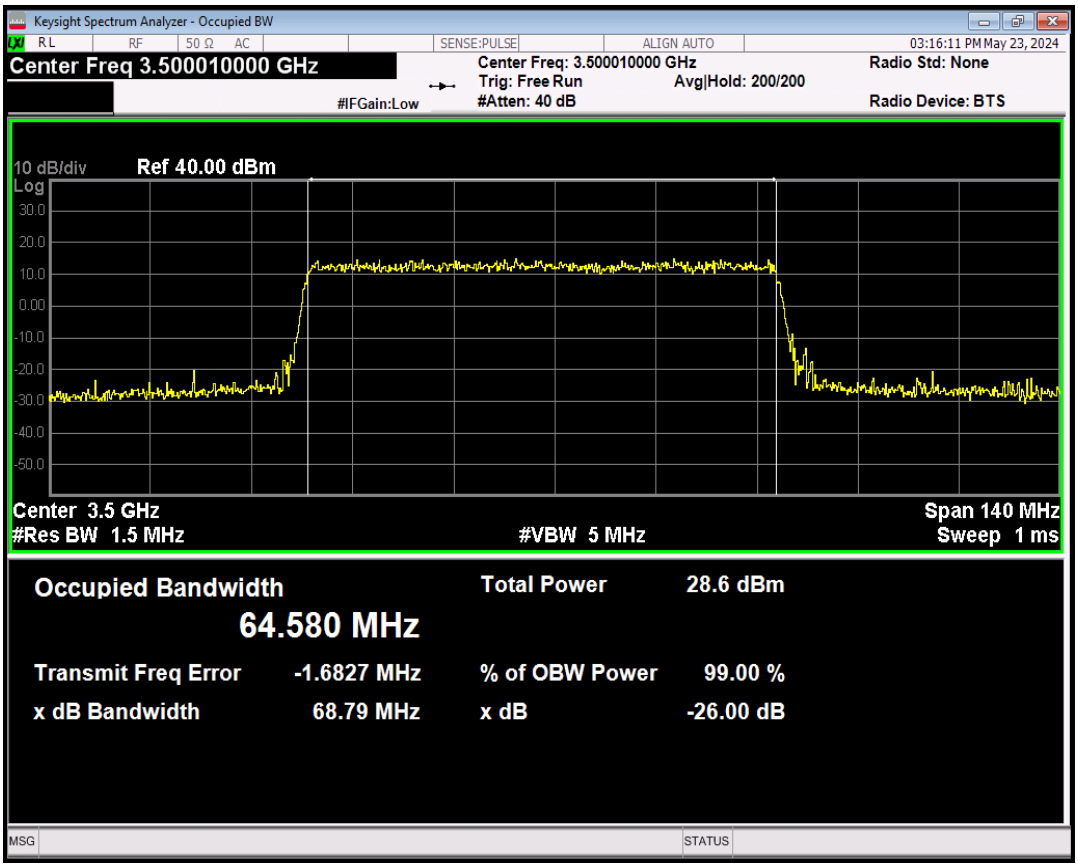
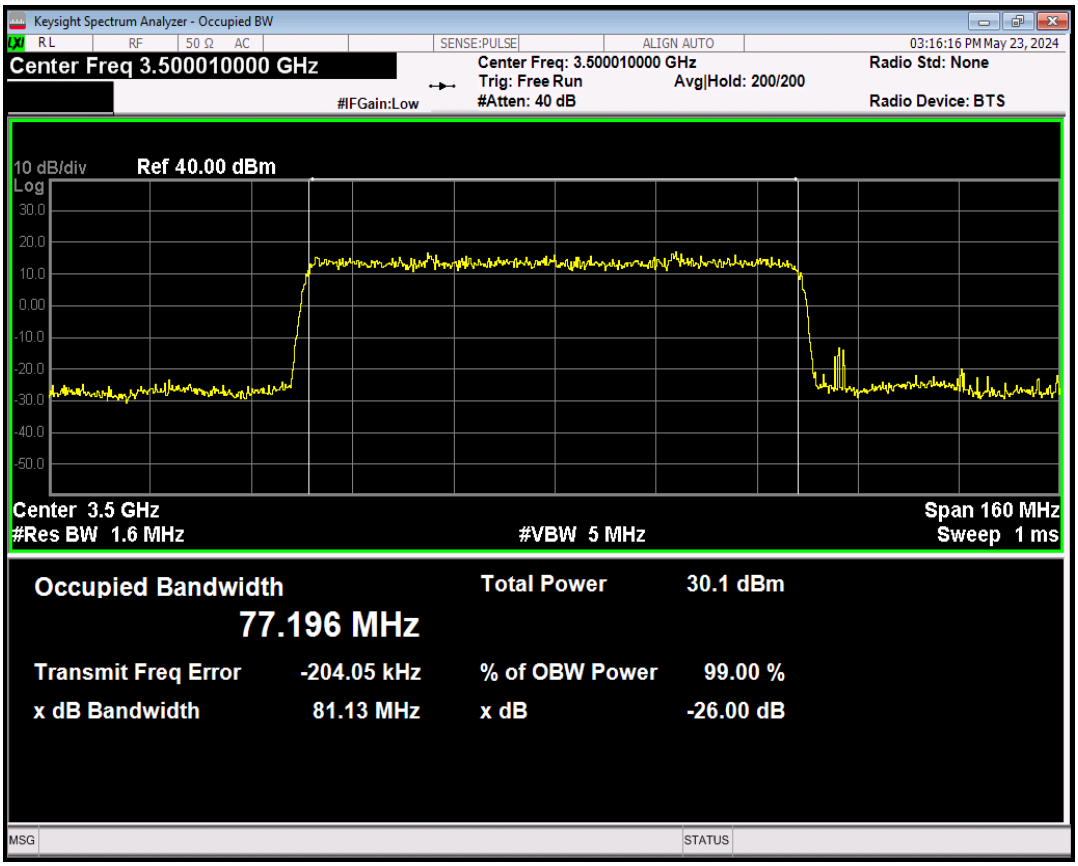


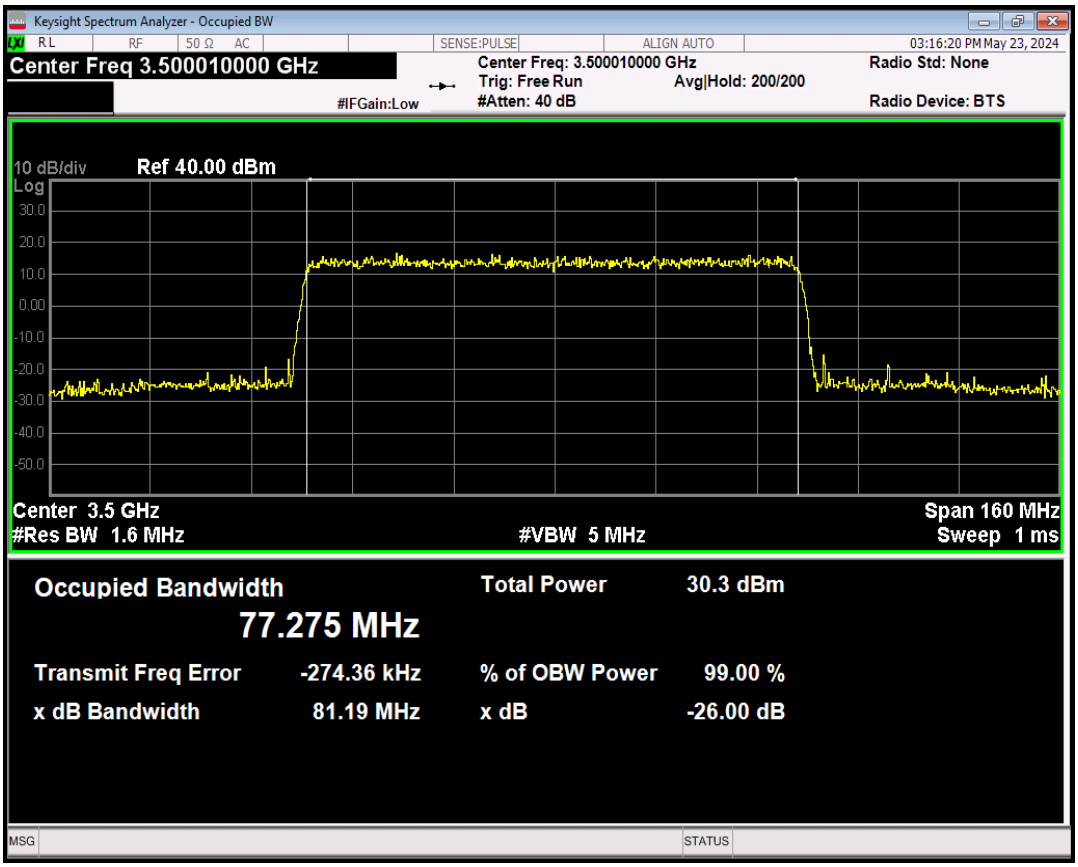
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=70MHz Channel=633334 RB=



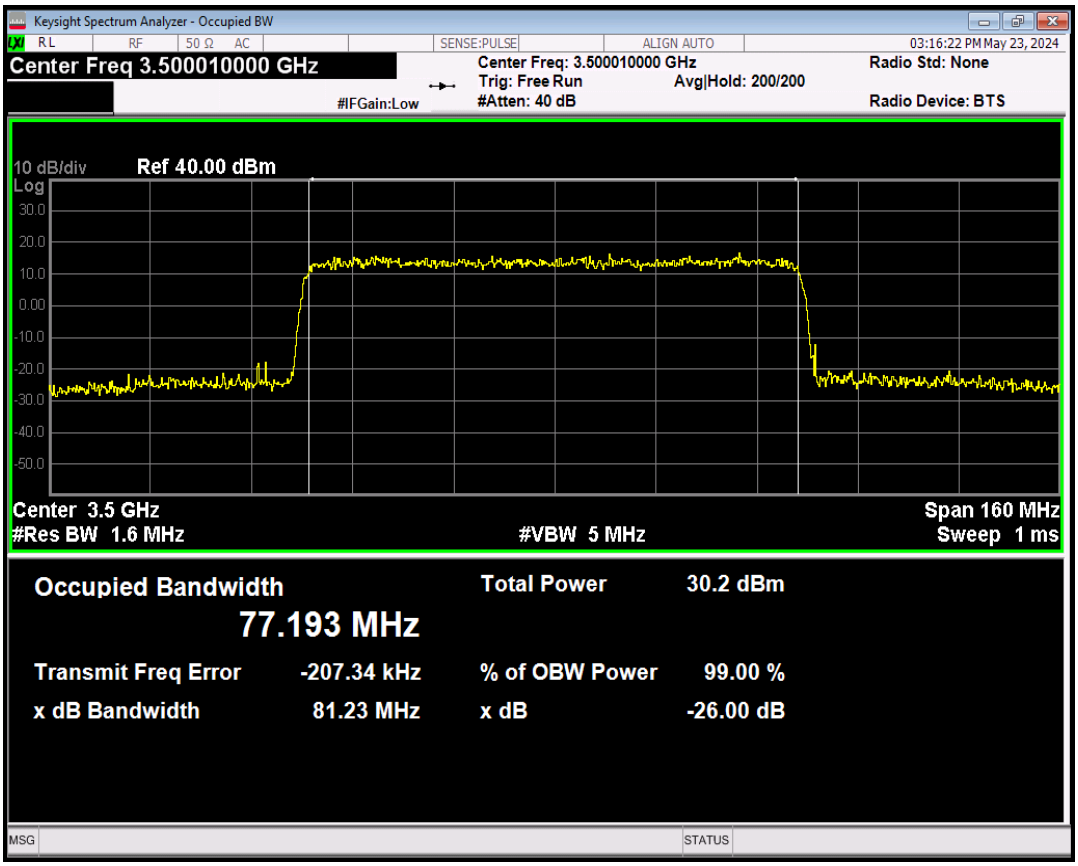
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



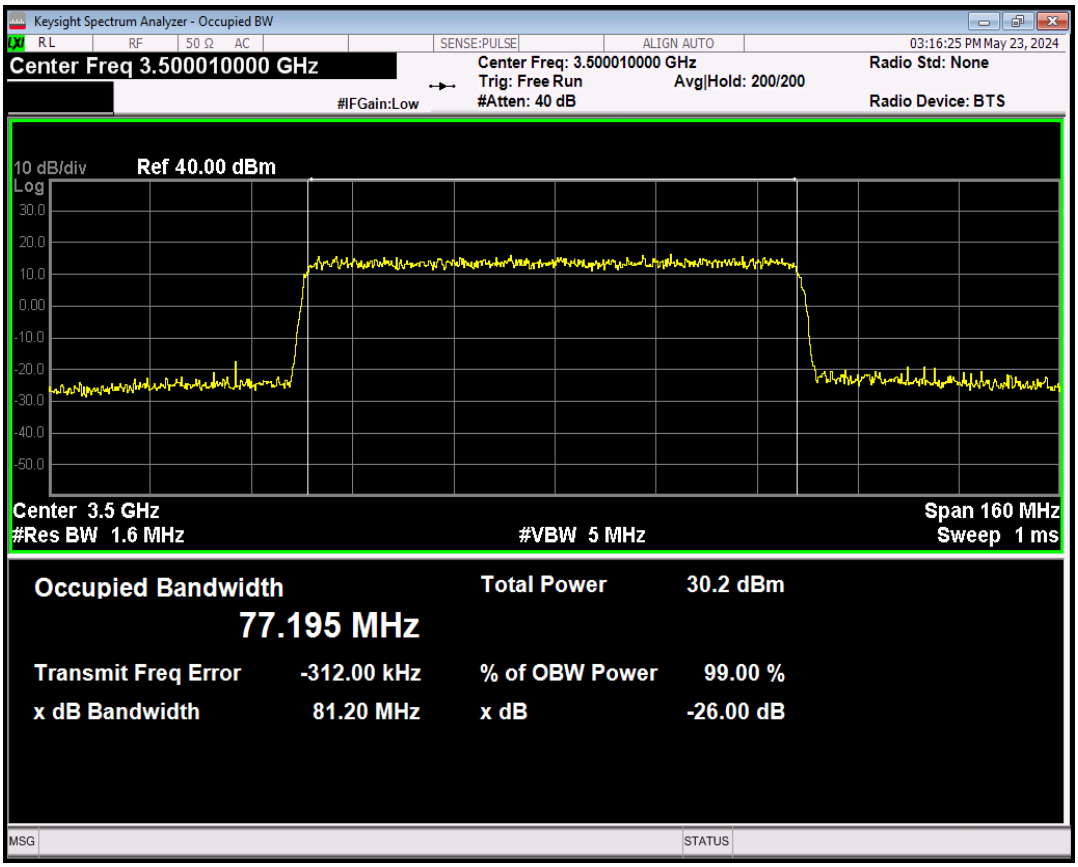
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



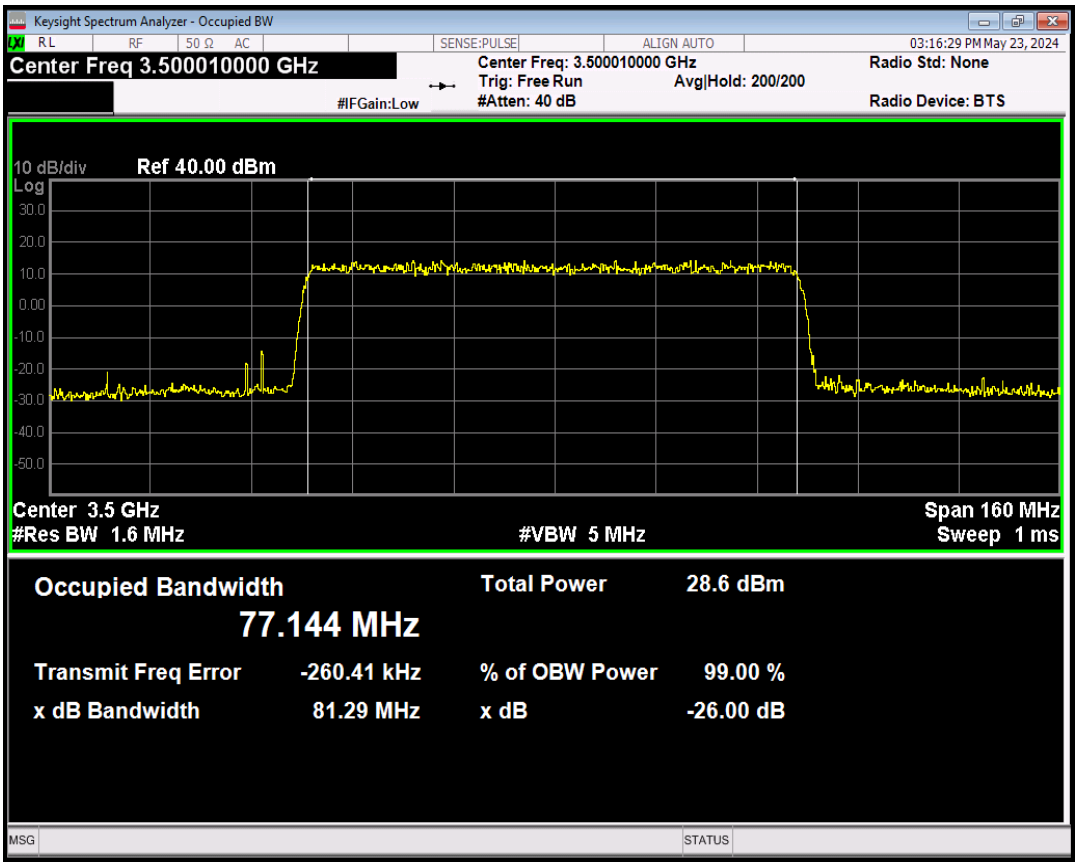
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



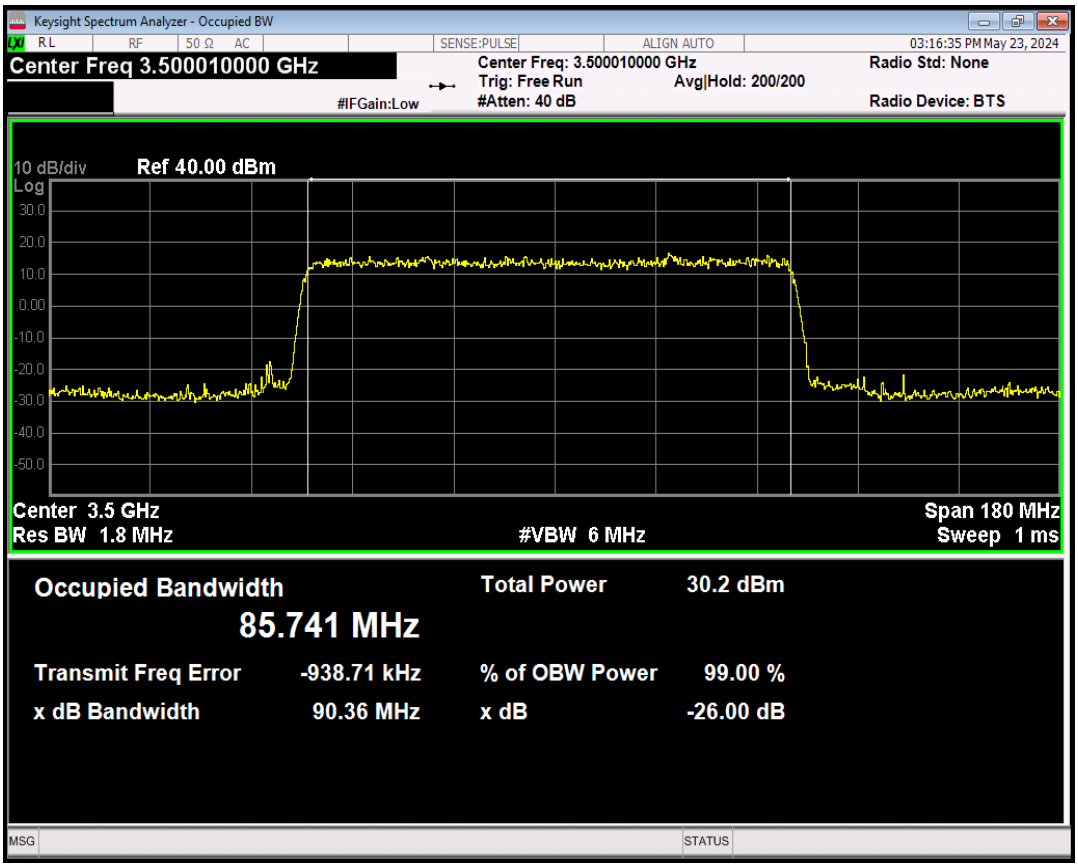
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



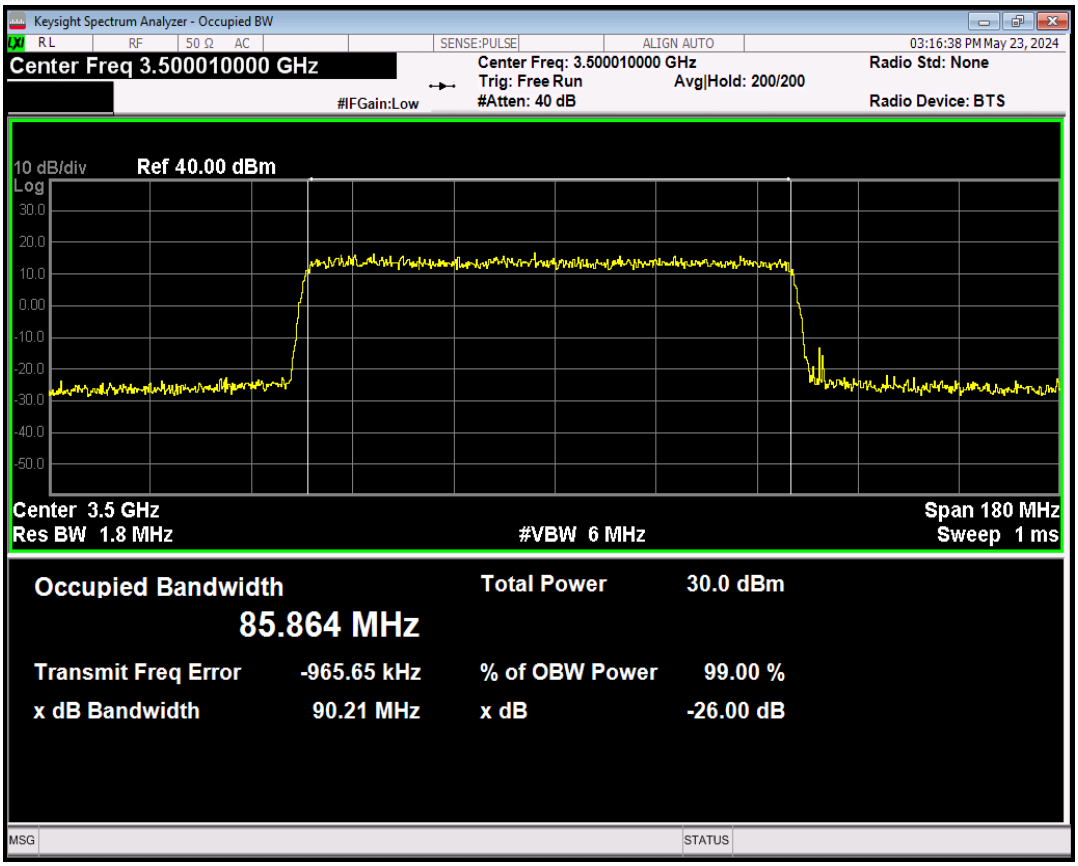
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



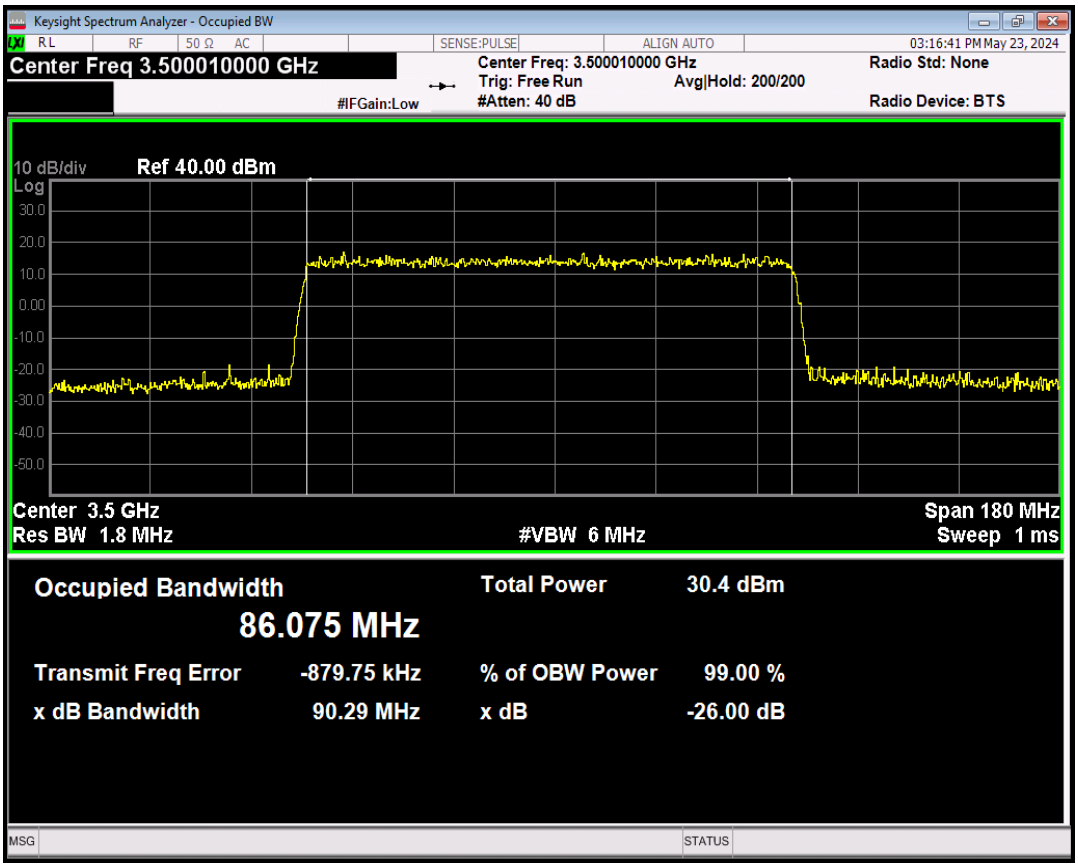
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



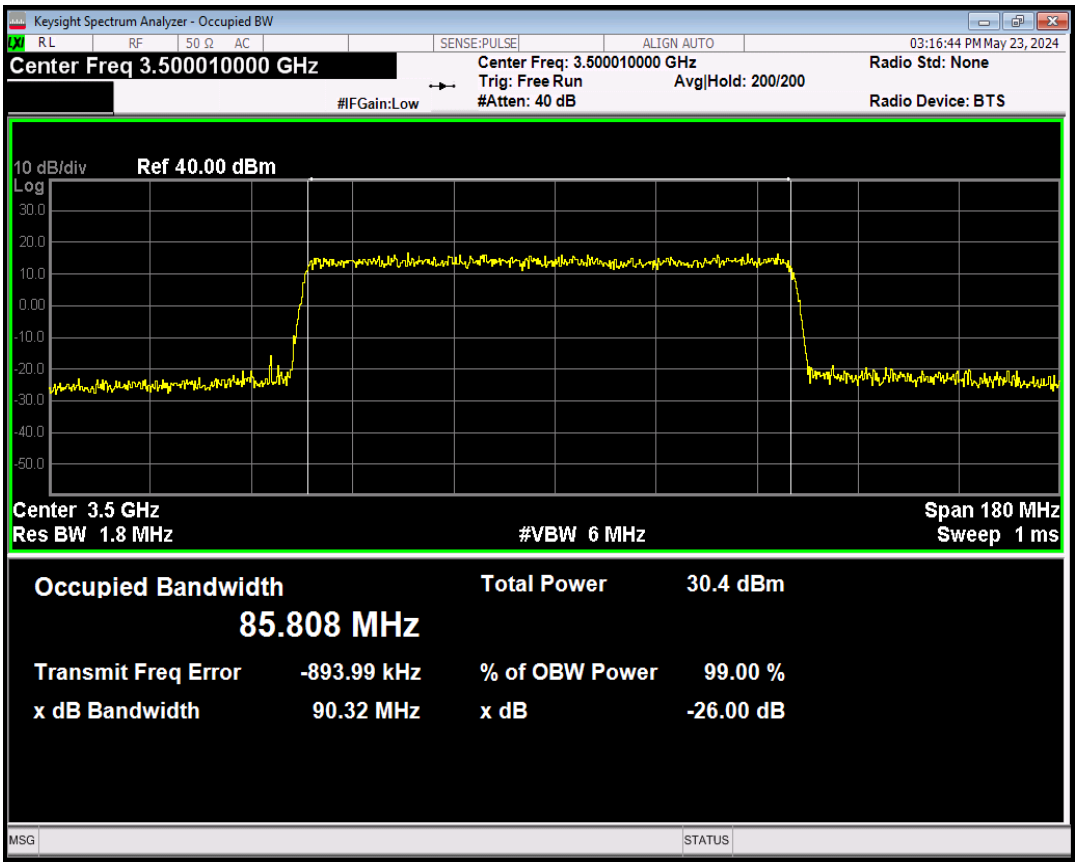
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



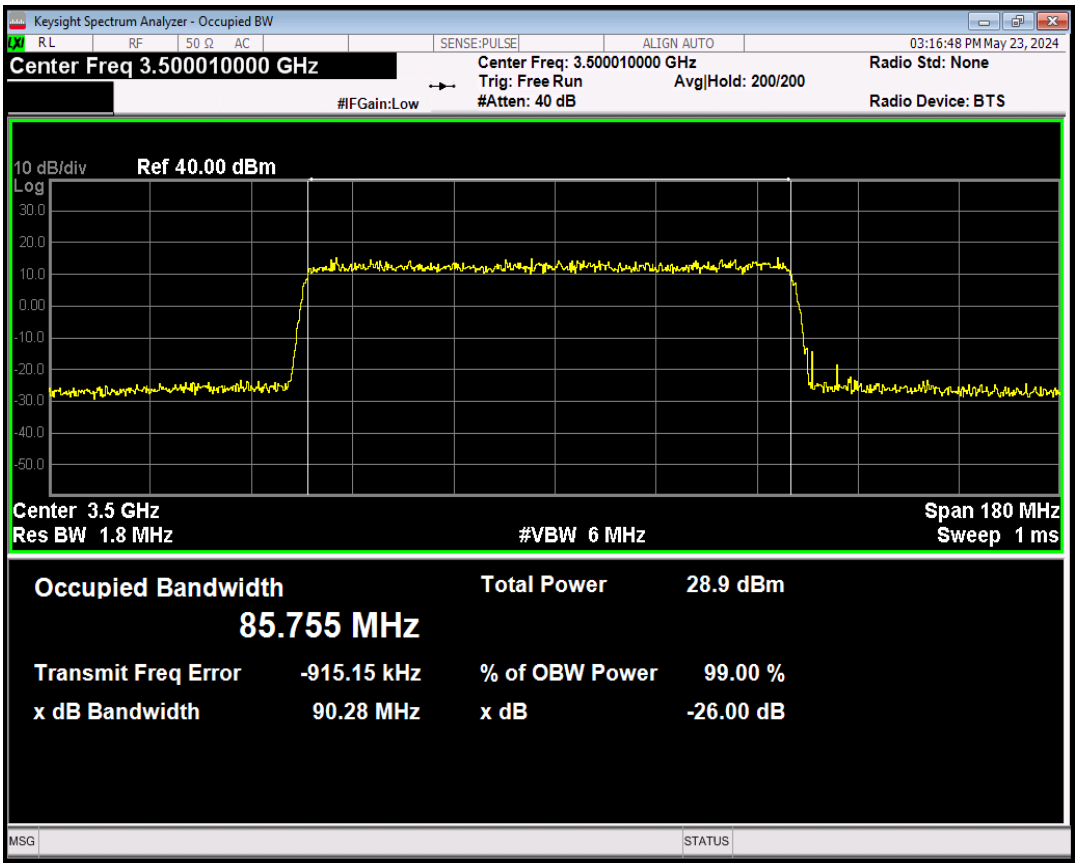
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



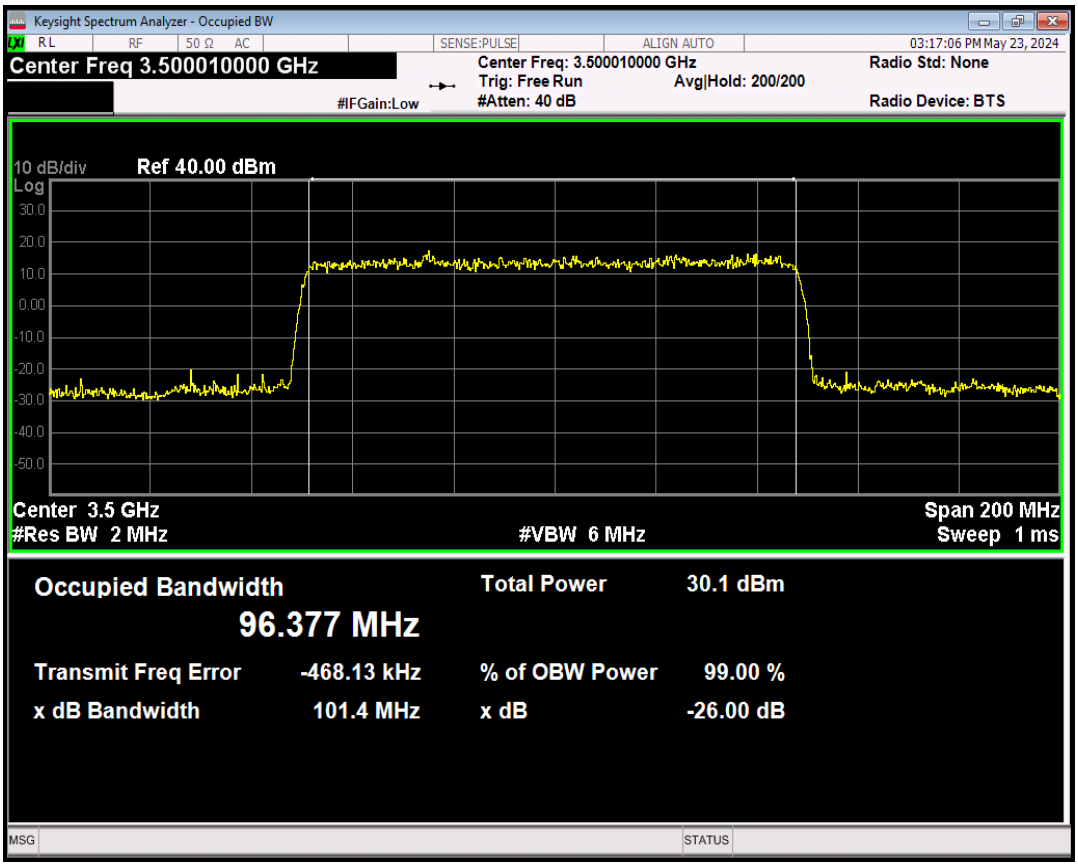
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



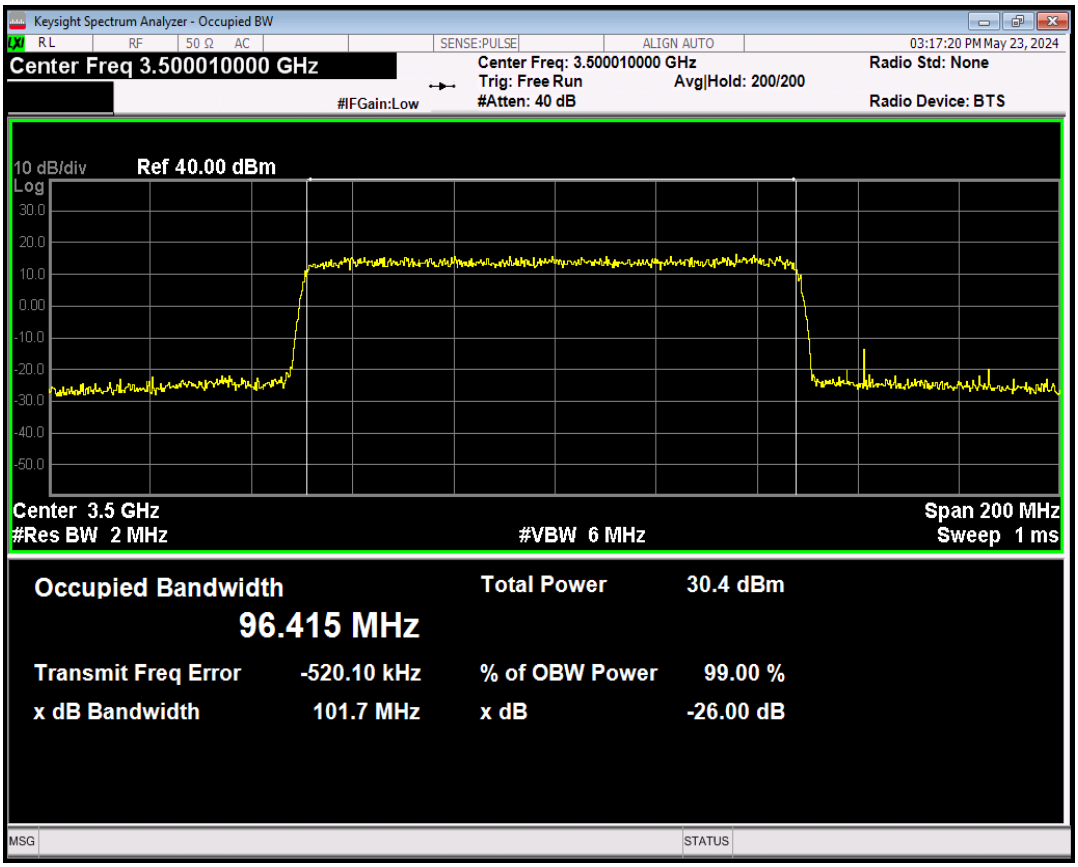
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



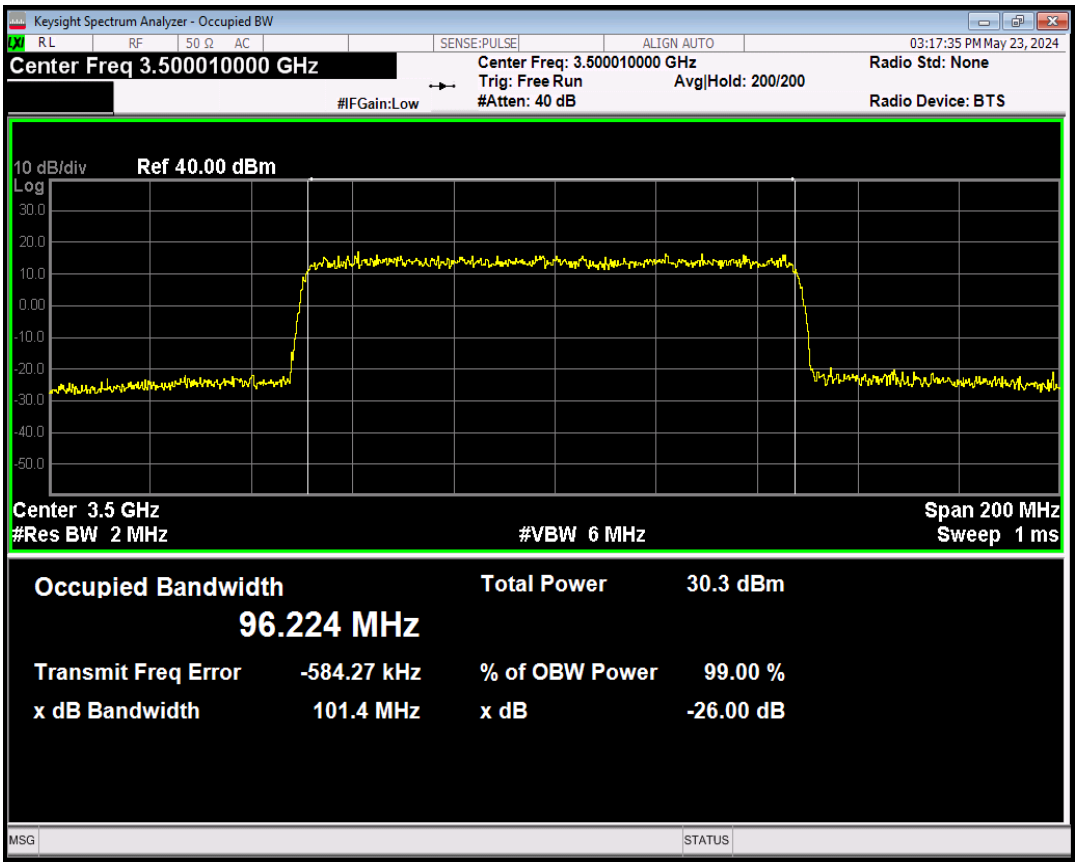
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



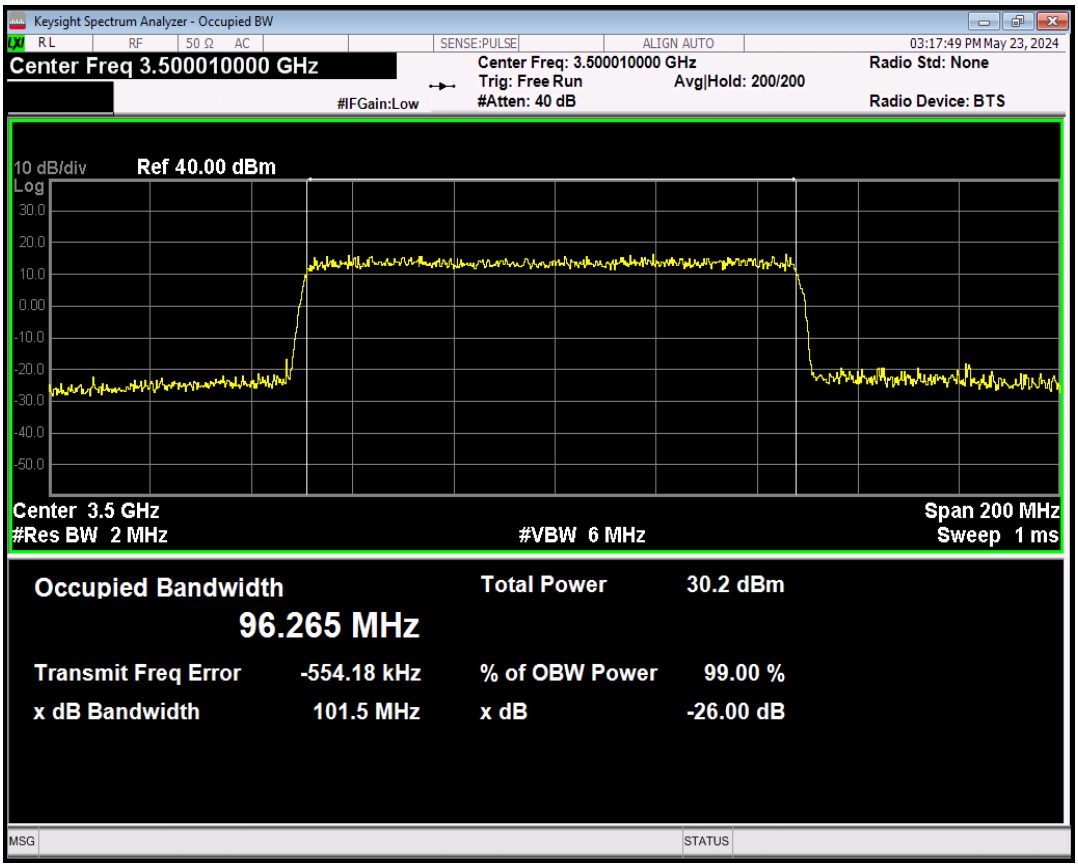
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



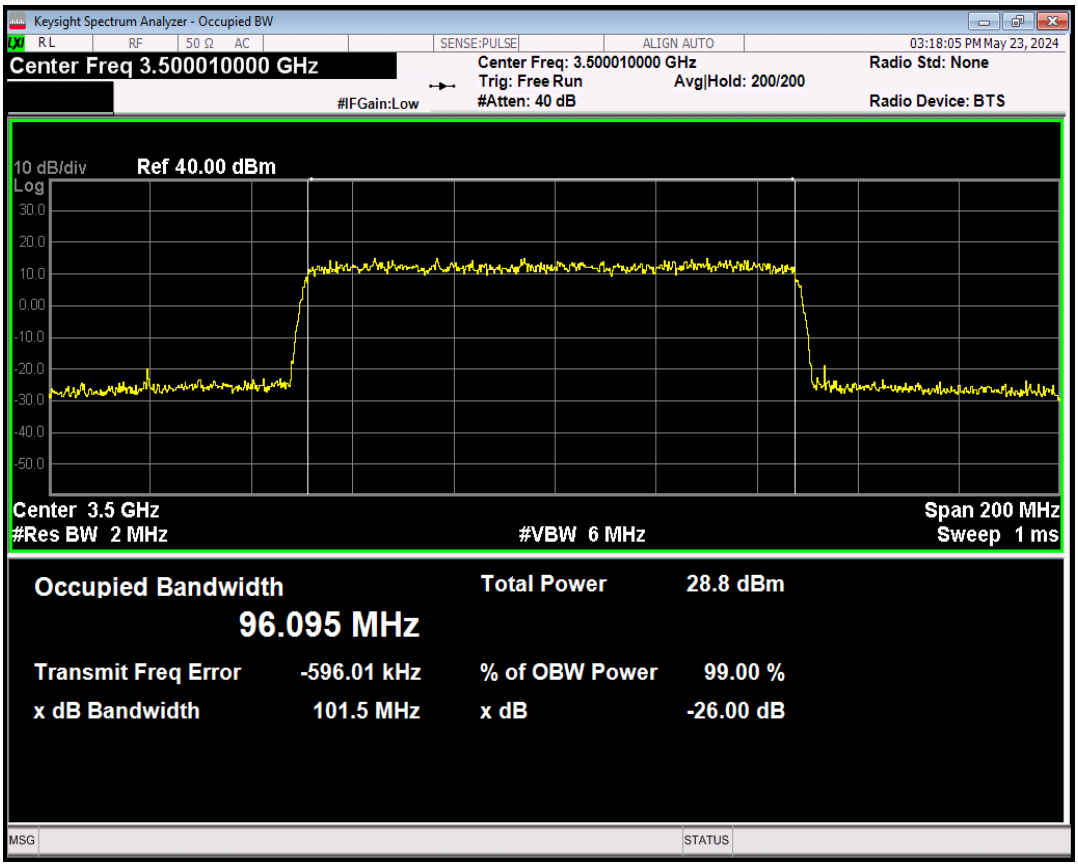
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=100MHz Channel=633334 RB=270@0



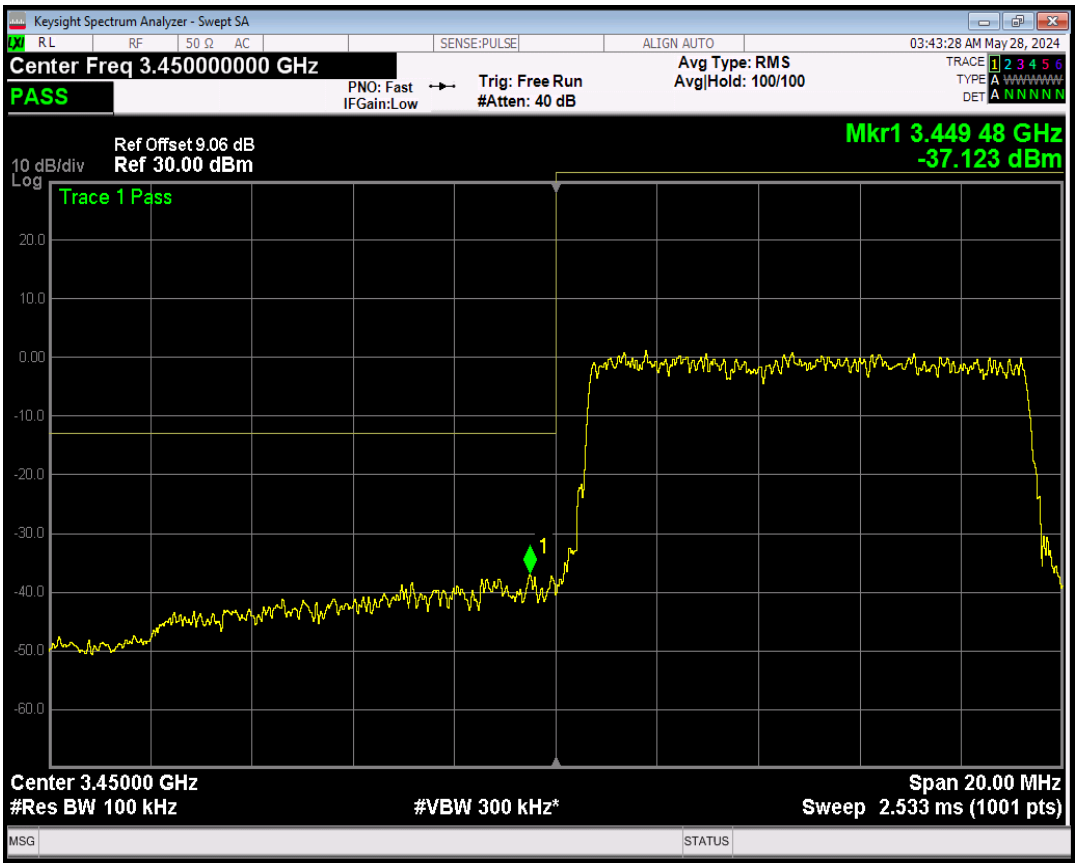
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 RB=270@0



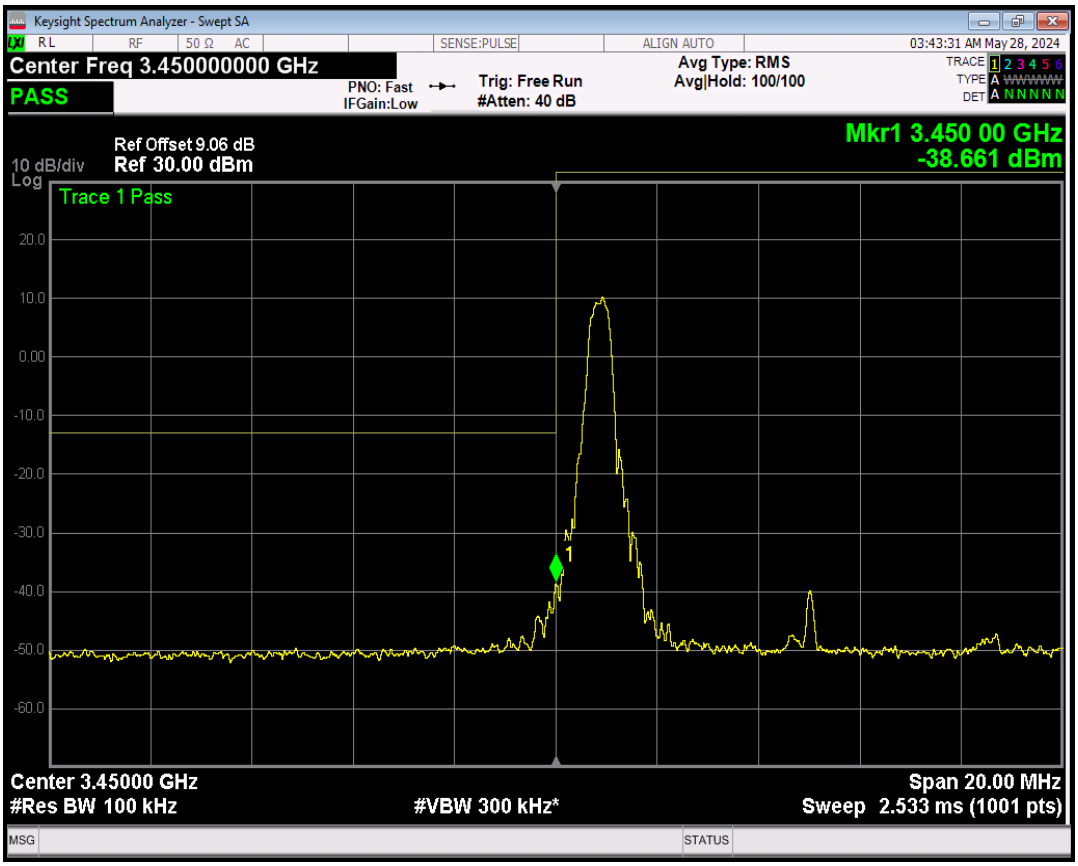
5 Band edge for NR FR1

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	24@0	DFT_QPSK	3449.48	-37.12	-13	PASS
n78(3450-3550)	30	10	630334	1@0	DFT_QPSK	3450.00	-38.66	-13	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	3550.20	-36.50	-13	PASS
n78(3450-3550)	30	10	636332	1@23	DFT_QPSK	3550.02	-38.71	-13	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	3449.19	-36.44	-13	PASS
n78(3450-3550)	30	15	630500	1@0	DFT_QPSK	3450.00	-39.21	-13	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	3550.18	-36.05	-13	PASS
n78(3450-3550)	30	15	636166	1@37	DFT_QPSK	3550.00	-33.63	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	3450.00	-37.77	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	3450.00	-42.27	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	3552.92	-38.68	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	3550.00	-35.76	-13	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	3446.16	-36.76	-13	PASS
n78(3450-3550)	30	40	631334	1@0	DFT_QPSK	3449.84	-35.58	-13	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	3552.72	-35.70	-13	PASS
n78(3450-3550)	30	40	635332	1@105	DFT_QPSK	3550.16	-30.39	-13	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	3444.10	-35.62	-13	PASS
n78(3450-3550)	30	50	631668	1@0	DFT_QPSK	3450.00	-29.34	-13	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	3555.10	-33.13	-13	PASS
n78(3450-3550)	30	50	635000	1@132	DFT_QPSK	3550.10	-28.62	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	3450.00	-36.11	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_QPSK	3450.00	-22.34	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	3550.00	-25.75	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_QPSK	3550.00	-35.23	-13	PASS
n78(3450-3550)	30	70	632334		DFT_QPSK	3450.00	-34.32	-13	PASS
n78(3450-3550)	30	70	632334		DFT_QPSK	3450.00	-33.52	-13	PASS
n78(3450-3550)	30	70	634332		DFT_QPSK	3553.36	-35.06	-13	PASS
n78(3450-3550)	30	70	634332		DFT_QPSK	3554.20	-35.48	-13	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	3450.00	-32.08	-13	PASS
n78(3450-3550)	30	80	632668	1@0	DFT_QPSK	3450.00	-16.10	-13	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	3550.00	-31.17	-13	PASS
n78(3450-3550)	30	80	634000	1@216	DFT_QPSK	3550.00	-39.01	-13	PASS
n78(3450-3550)	30	90	633000	240@0	DFT_QPSK	3450.00	-31.20	-13	PASS
n78(3450-3550)	30	90	633000	1@0	DFT_QPSK	3450.00	-30.72	-13	PASS
n78(3450-3550)	30	90	633666	240@0	DFT_QPSK	3550.72	-34.89	-13	PASS
n78(3450-3550)	30	90	633666	1@244	DFT_QPSK	3550.00	-38.47	-13	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	3450.00	-25.48	-13	PASS
n78(3450-3550)	30	100	633334	1@0	DFT_QPSK	3450.00	-30.96	-13	PASS

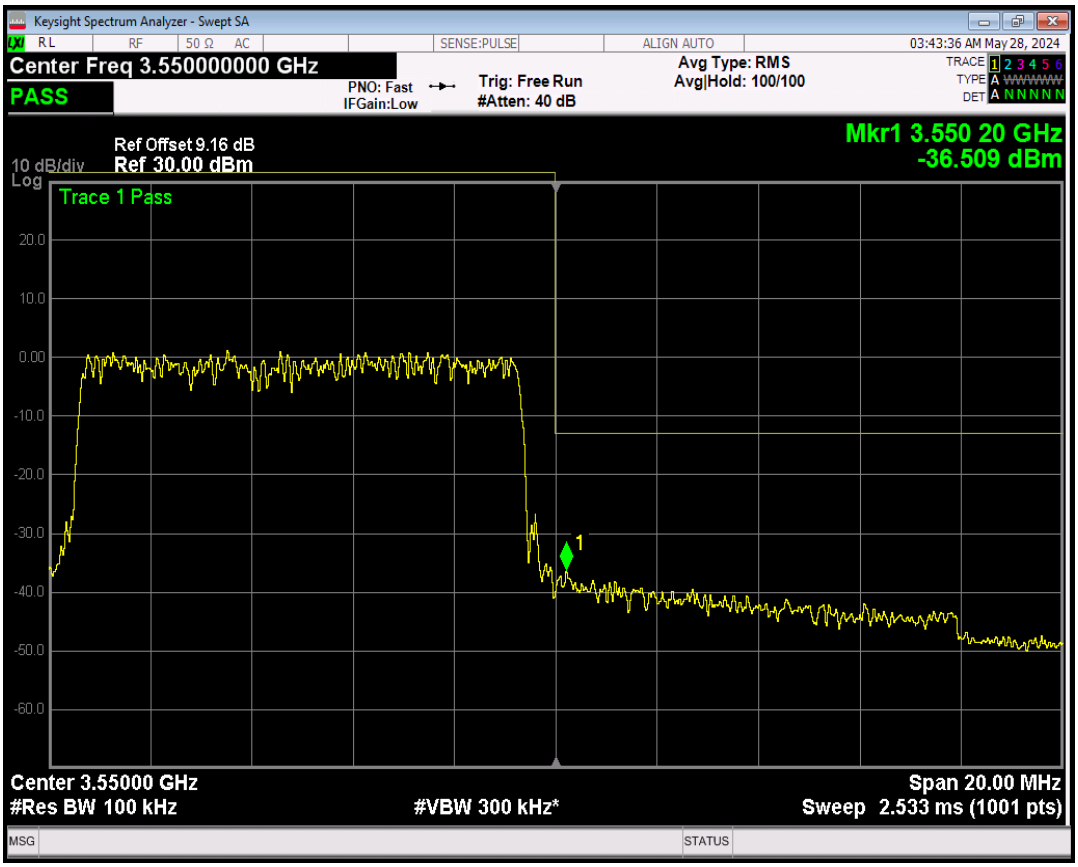
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



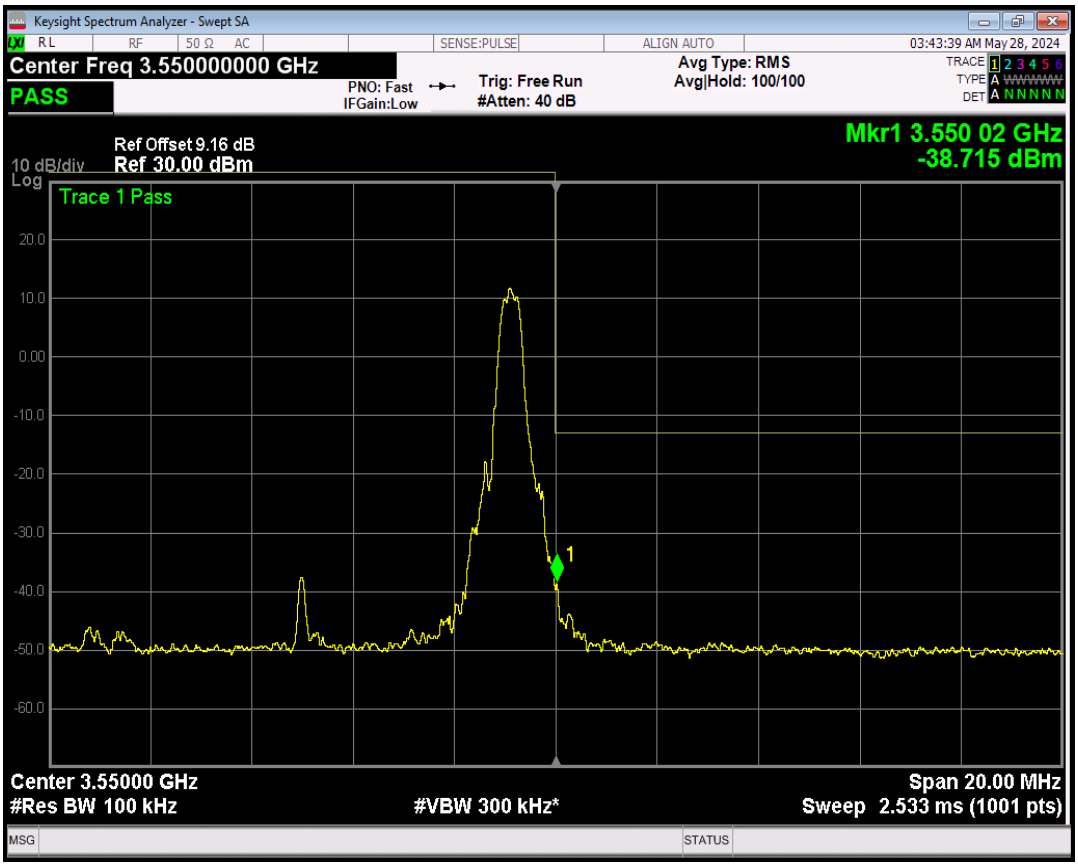
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



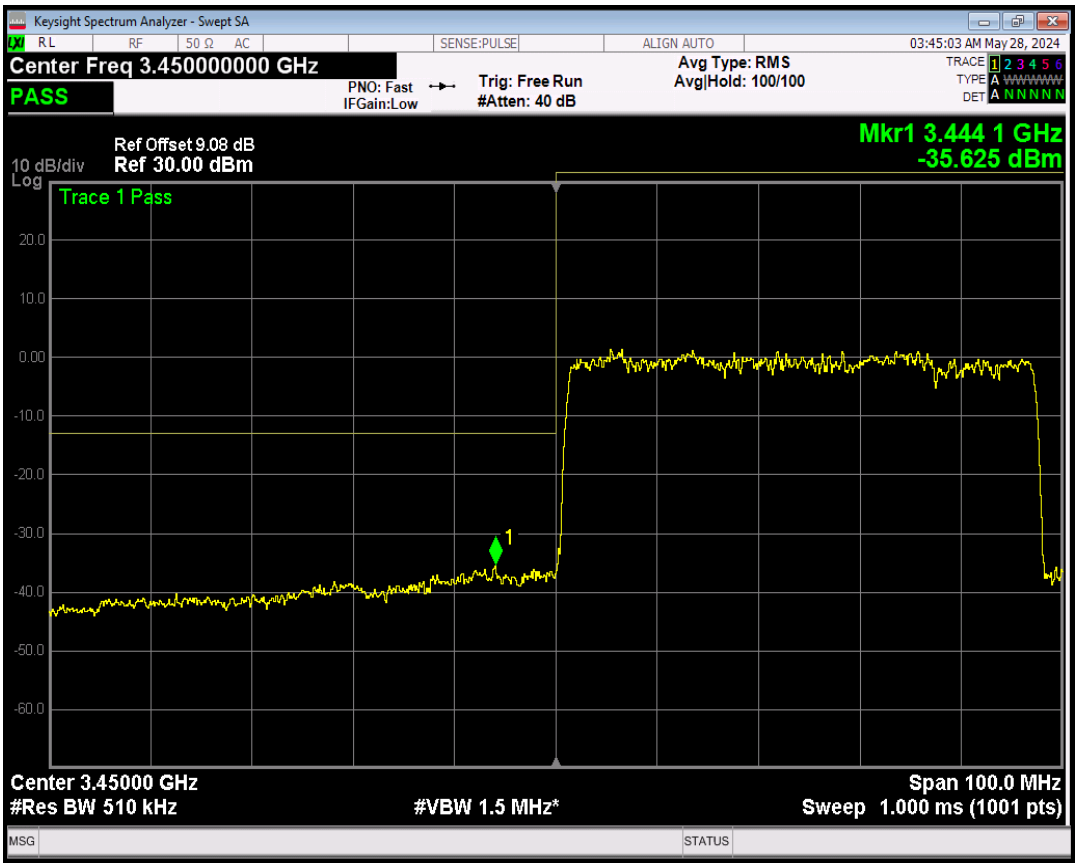
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



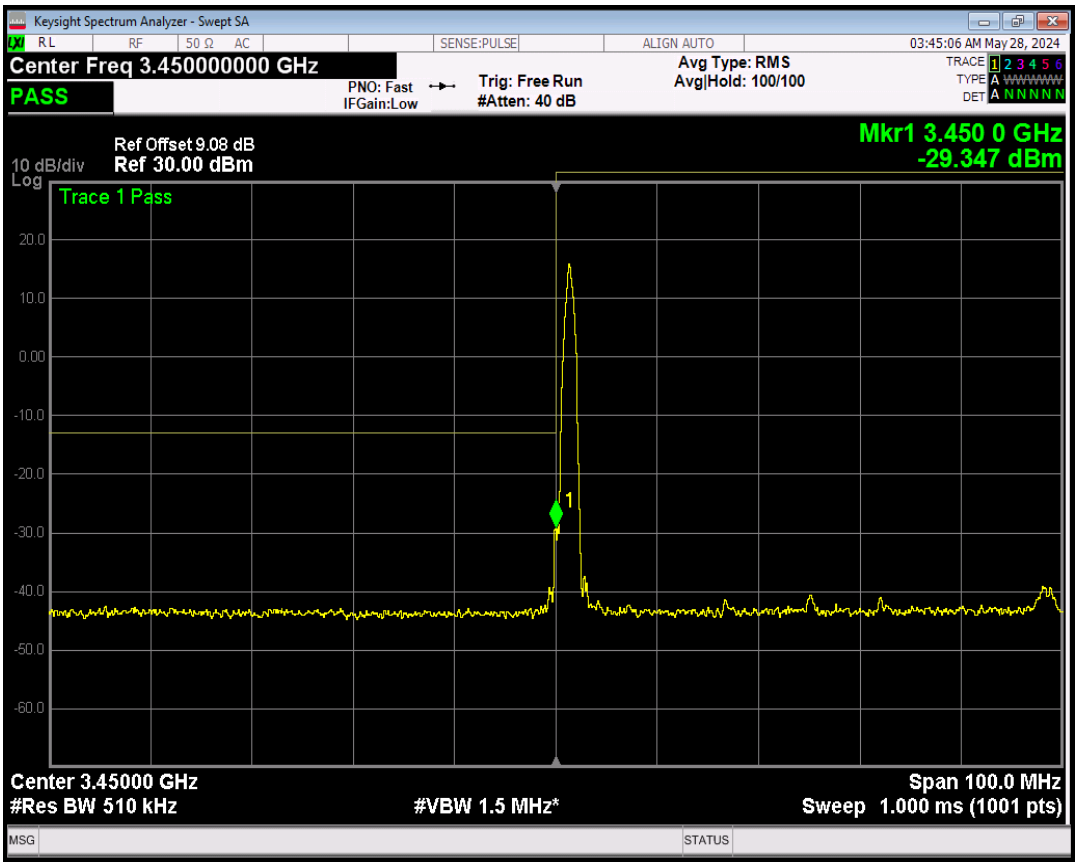
n78(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@23



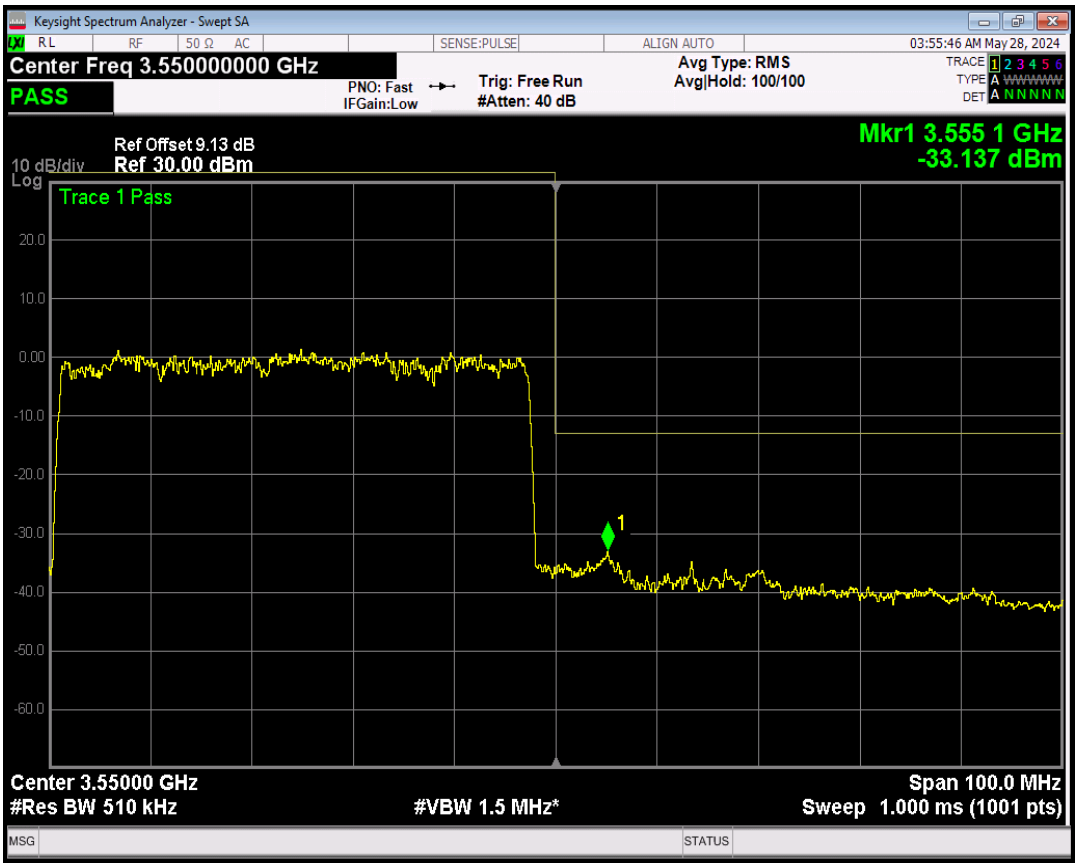
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=631668 RB=128@0



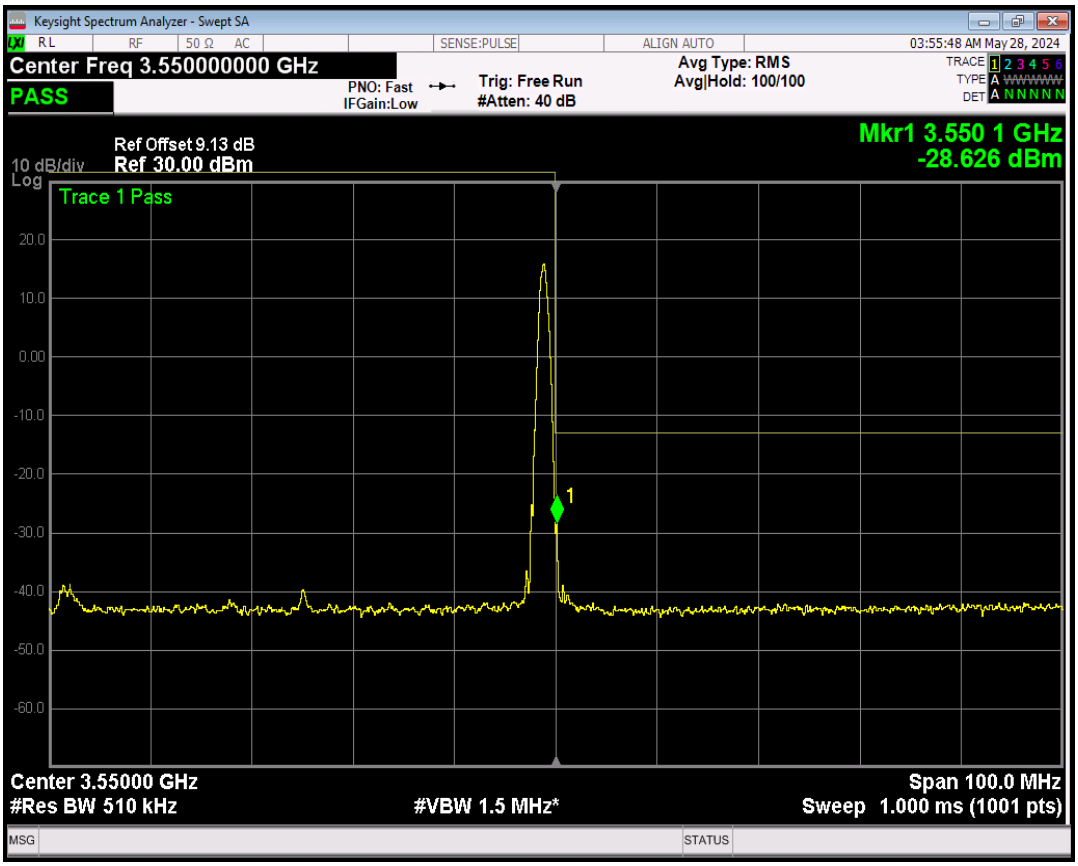
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=631668 RB=1@0



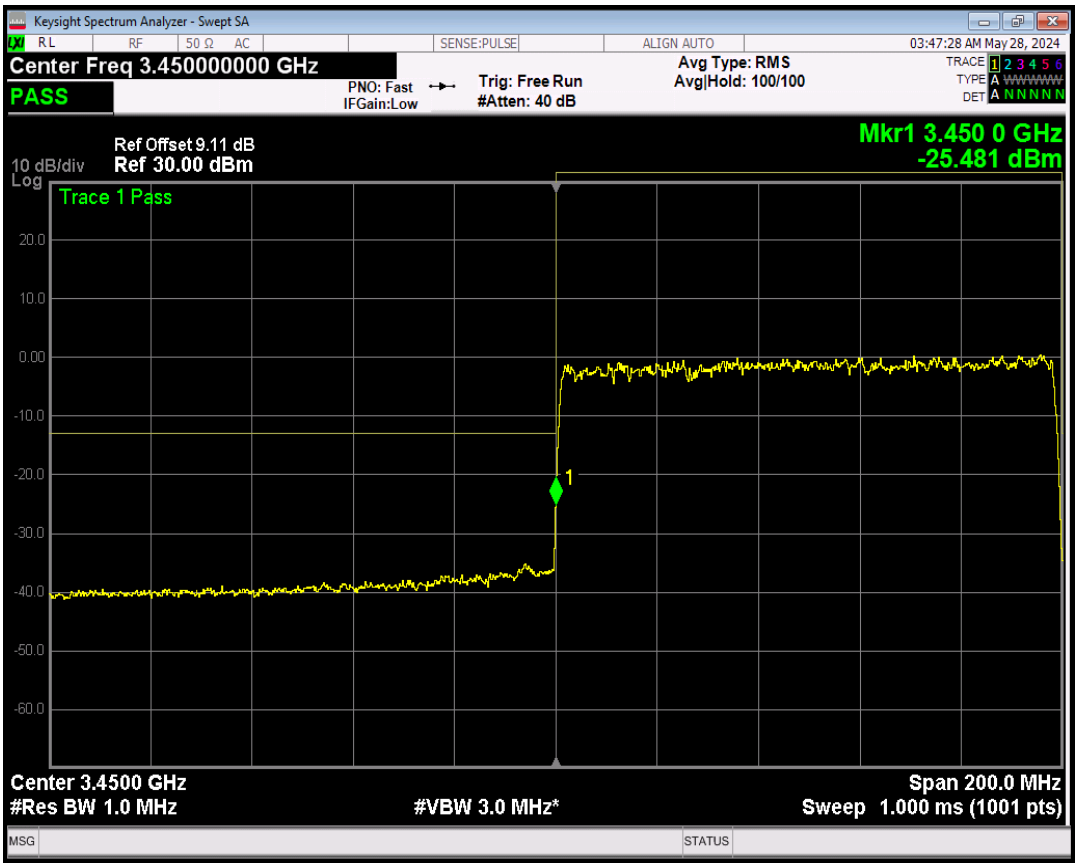
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=635000 RB=128@0



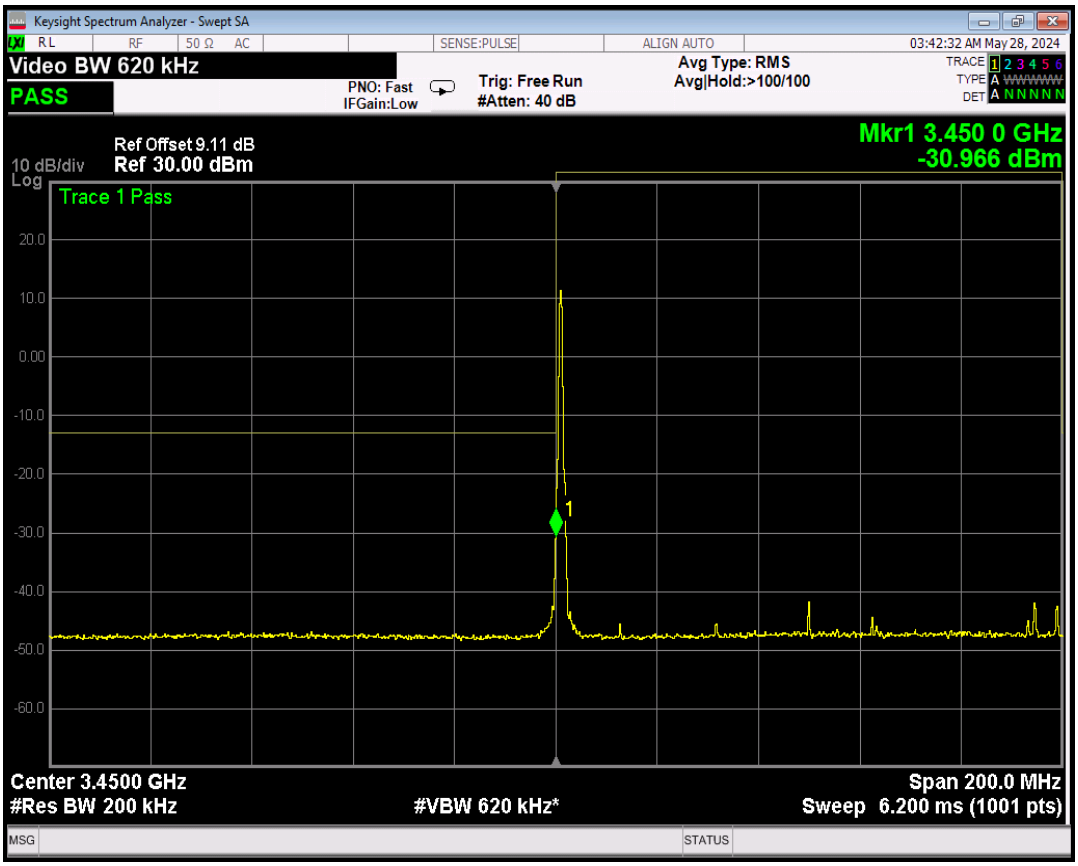
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=635000 RB=1@132



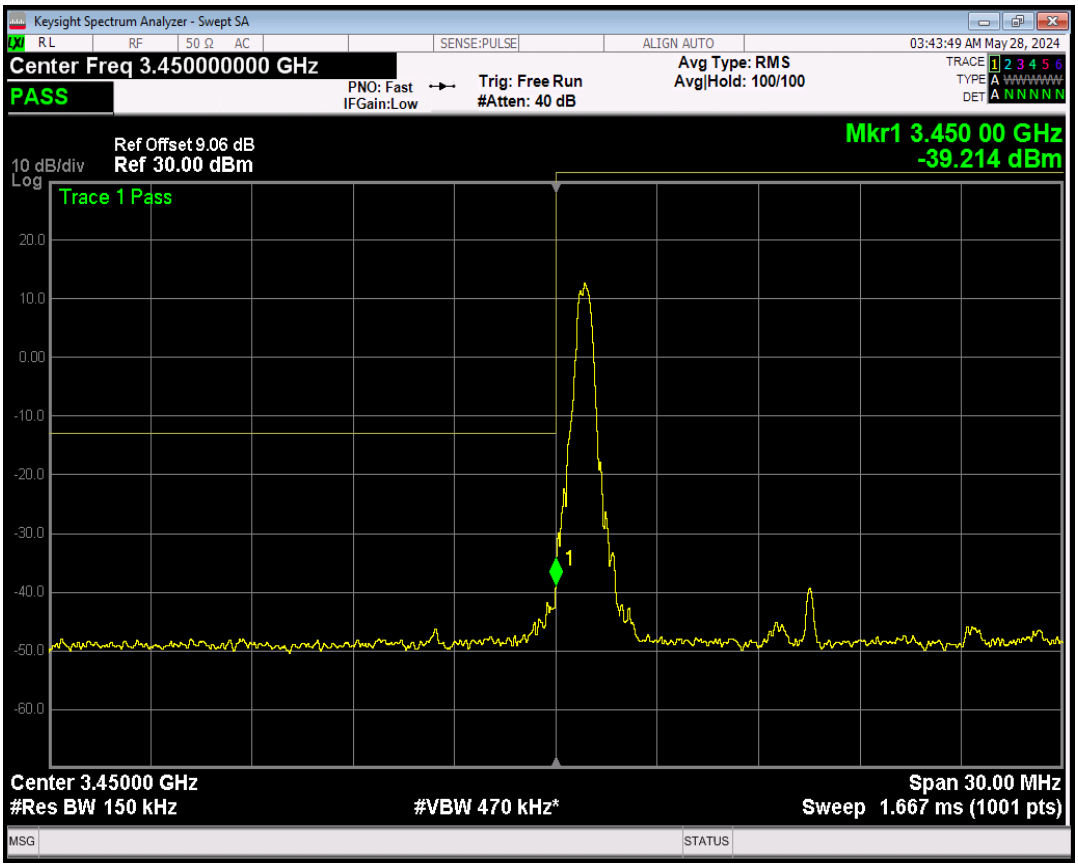
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



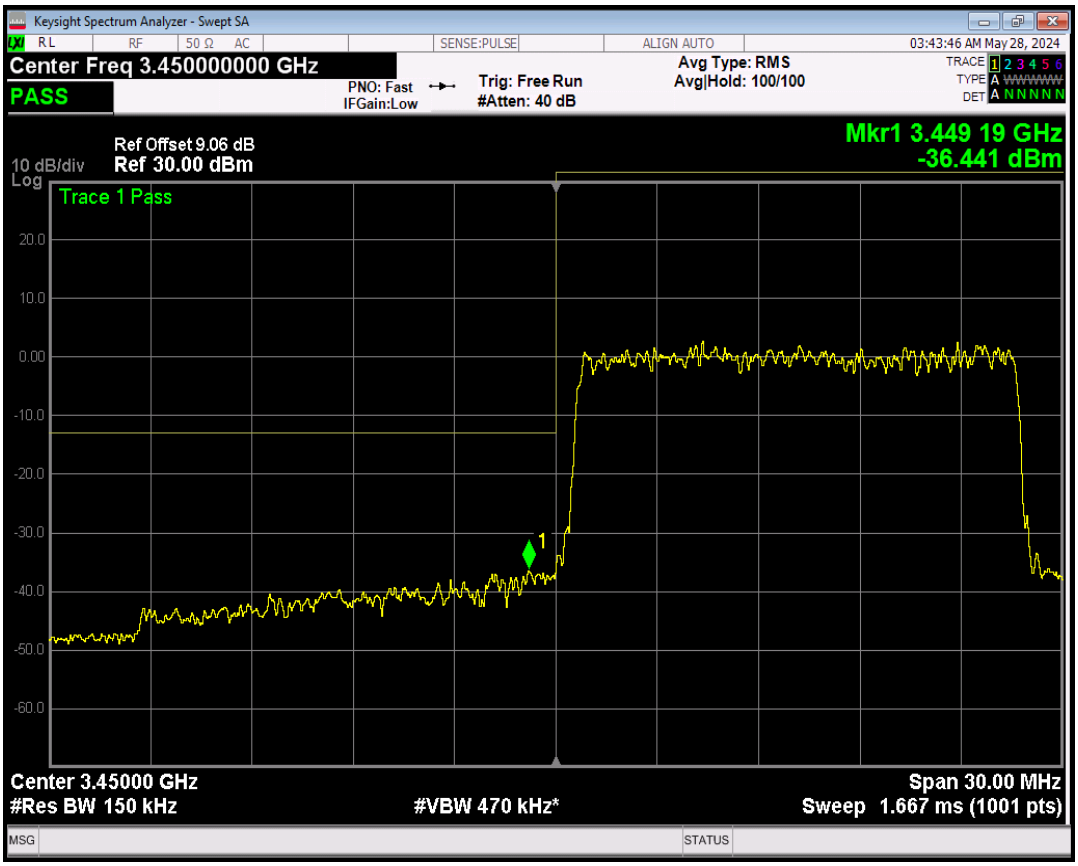
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=1@0



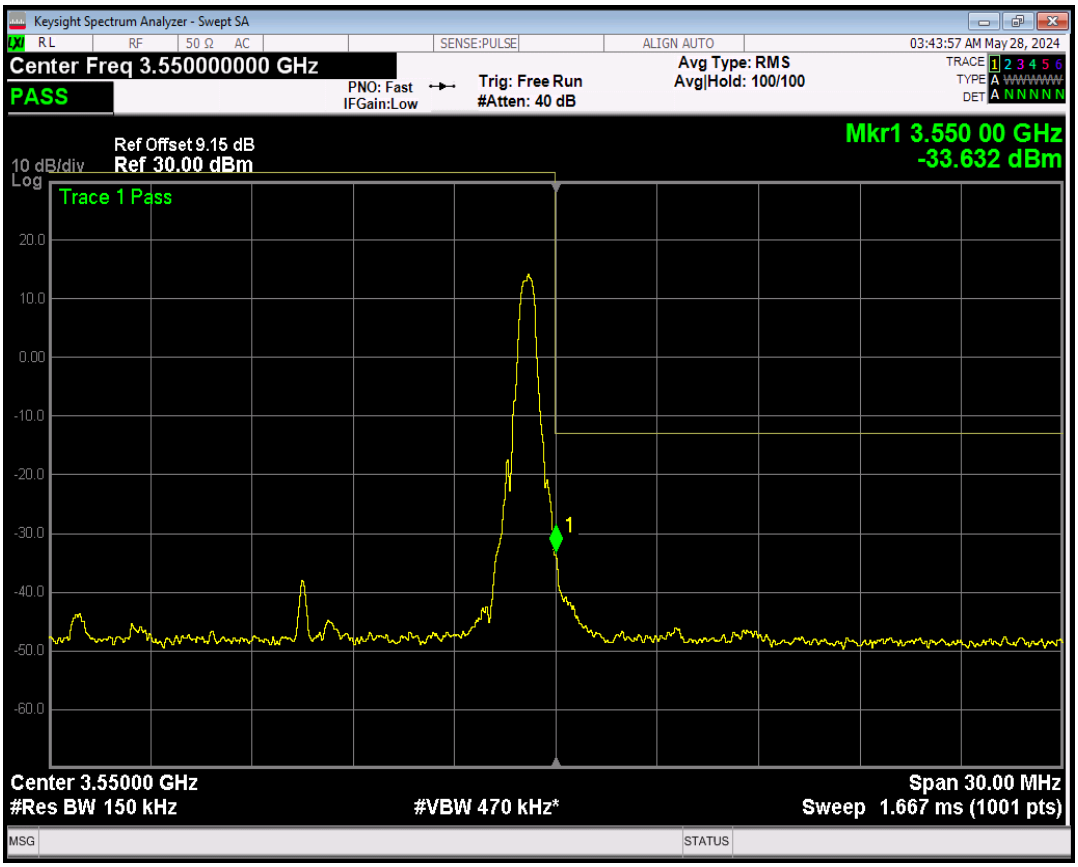
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=1@0



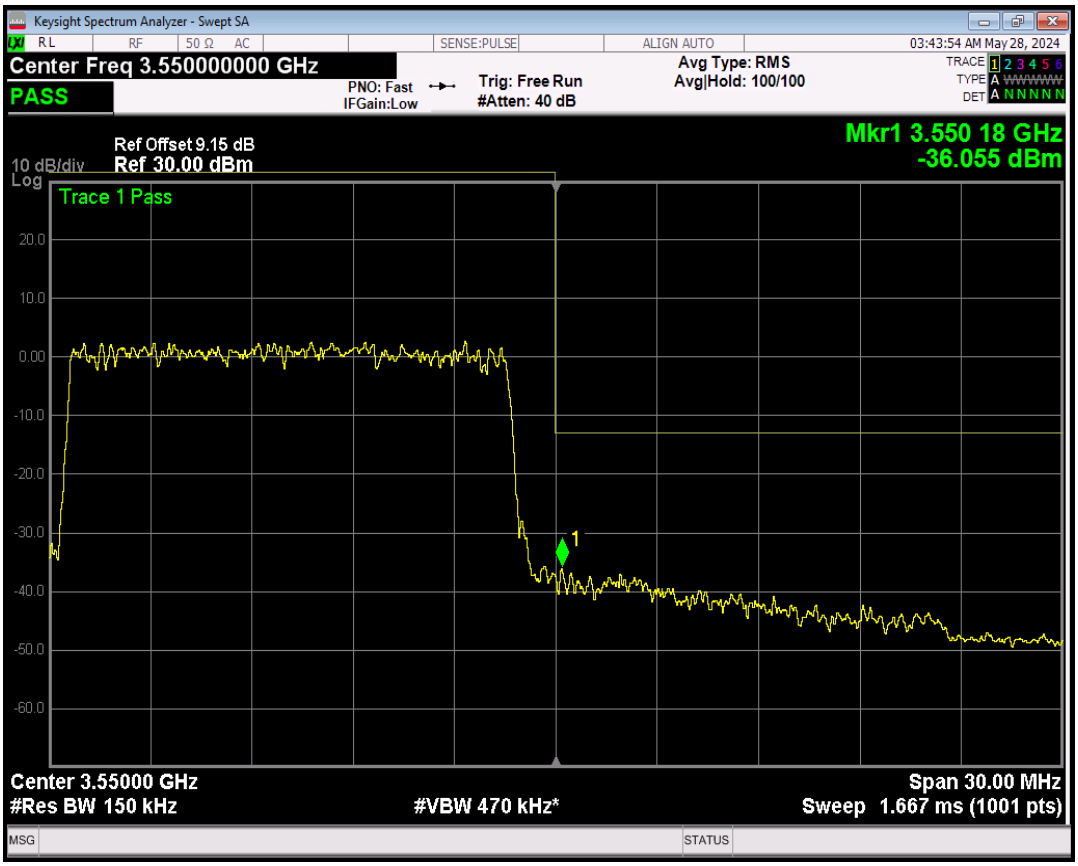
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=36@0



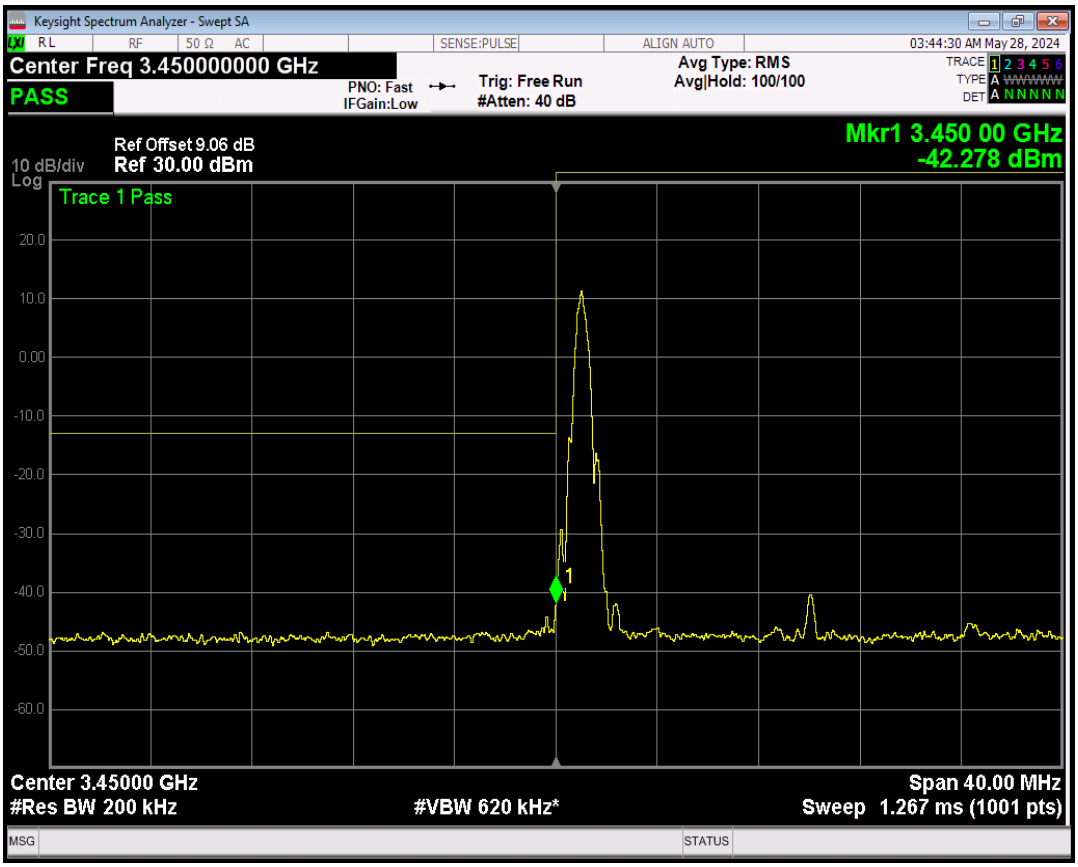
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=1@37



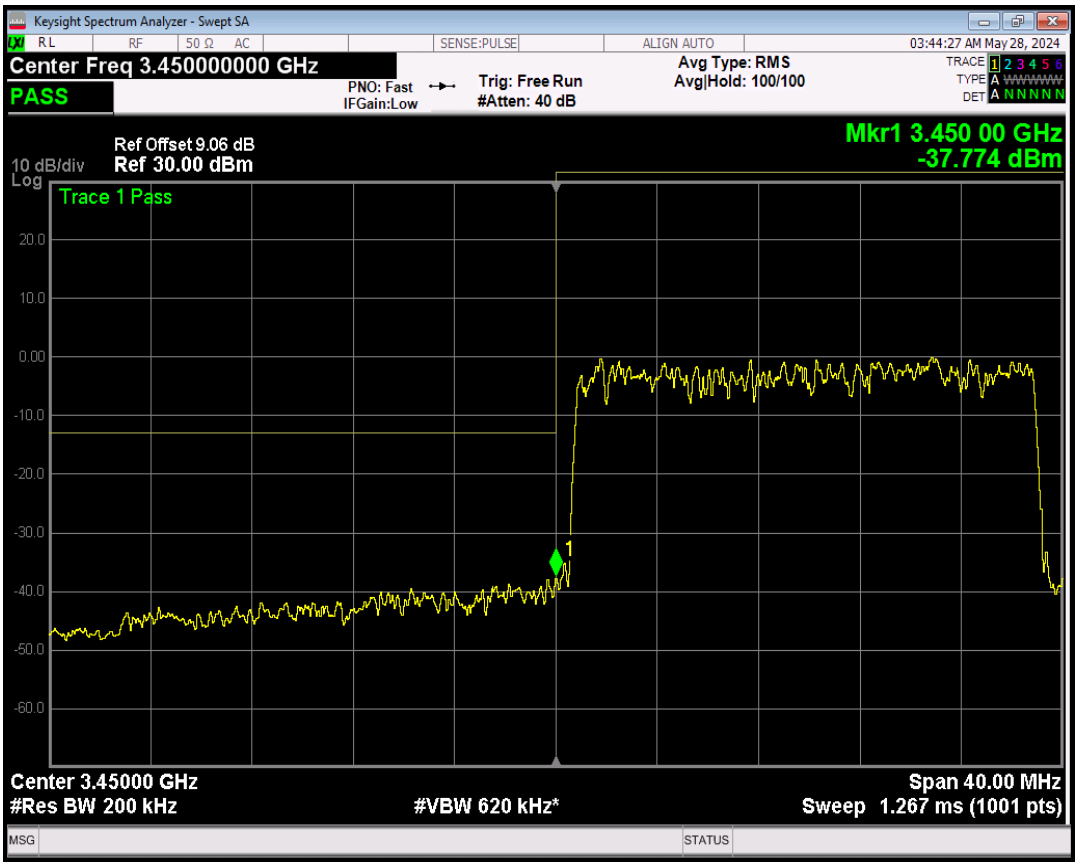
n78(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=36@0



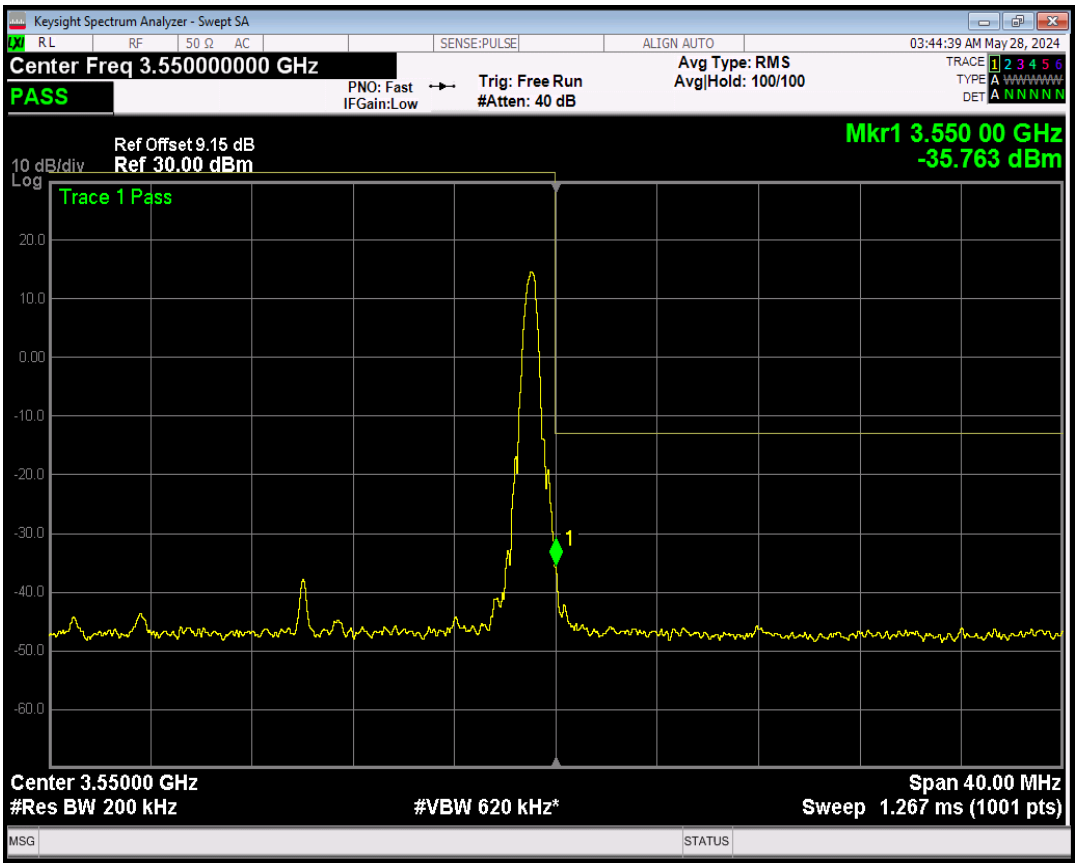
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=1@0



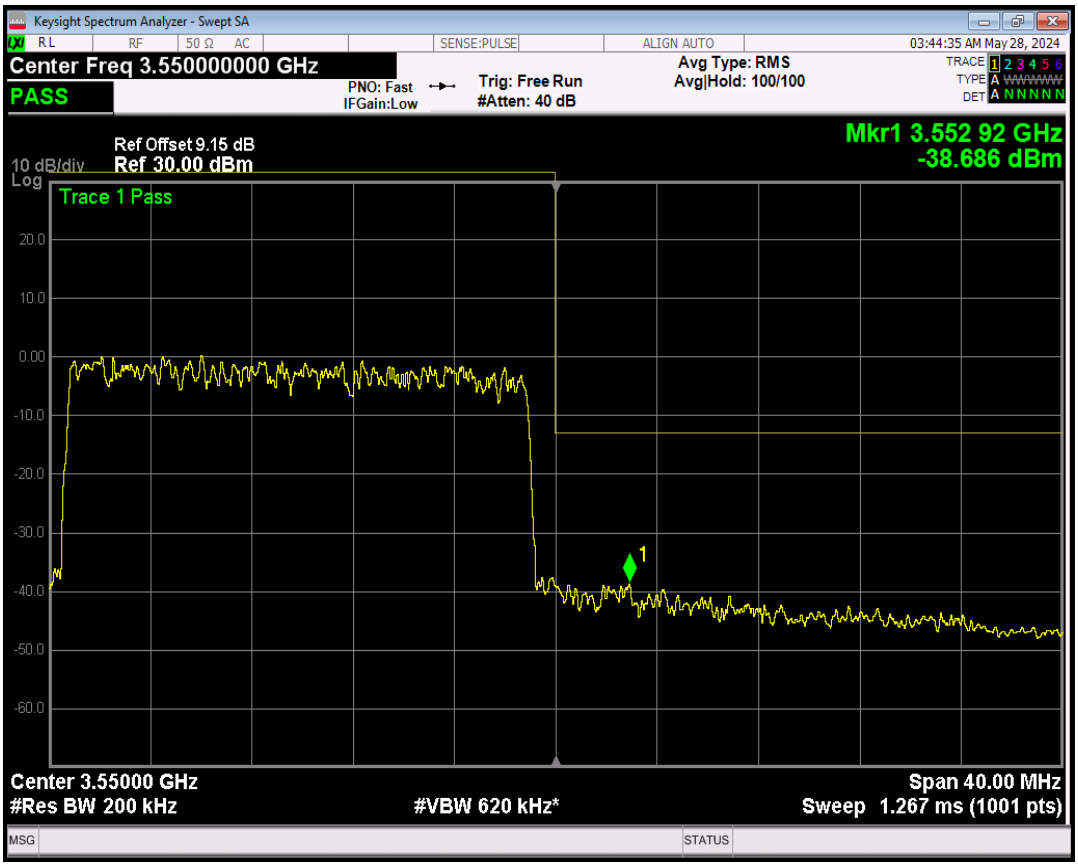
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=50@0



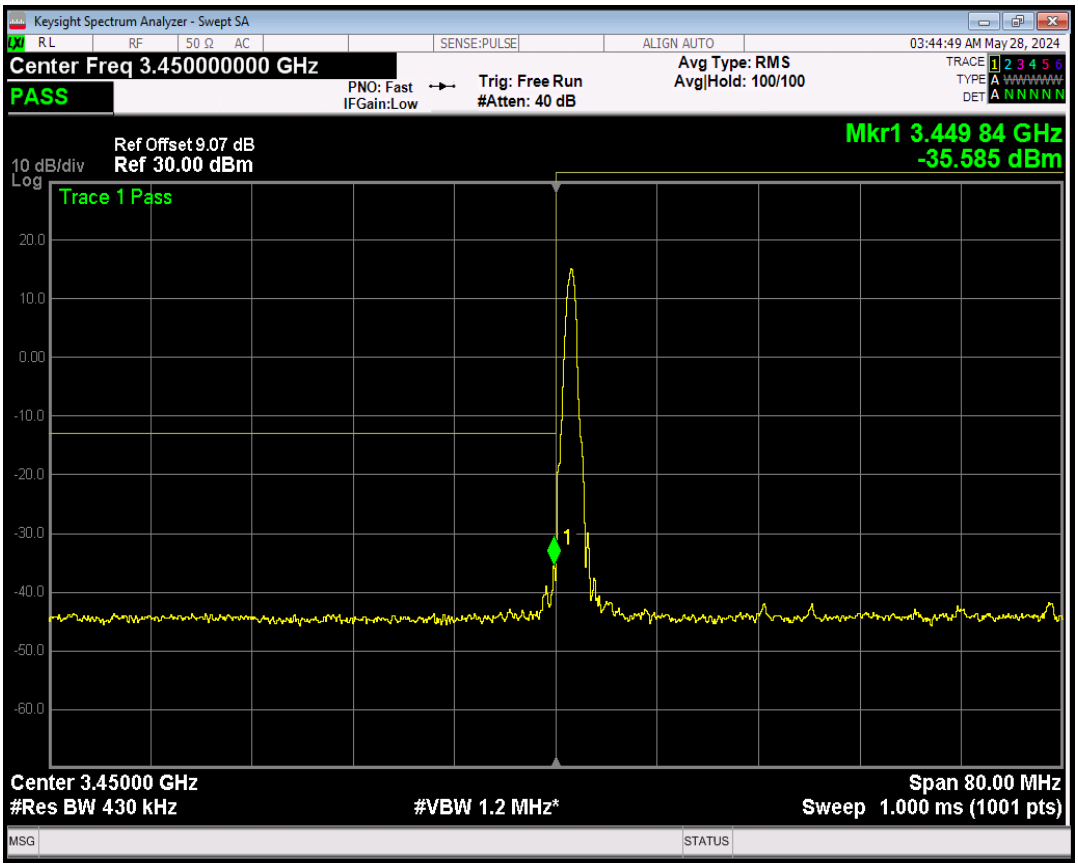
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=1@50



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

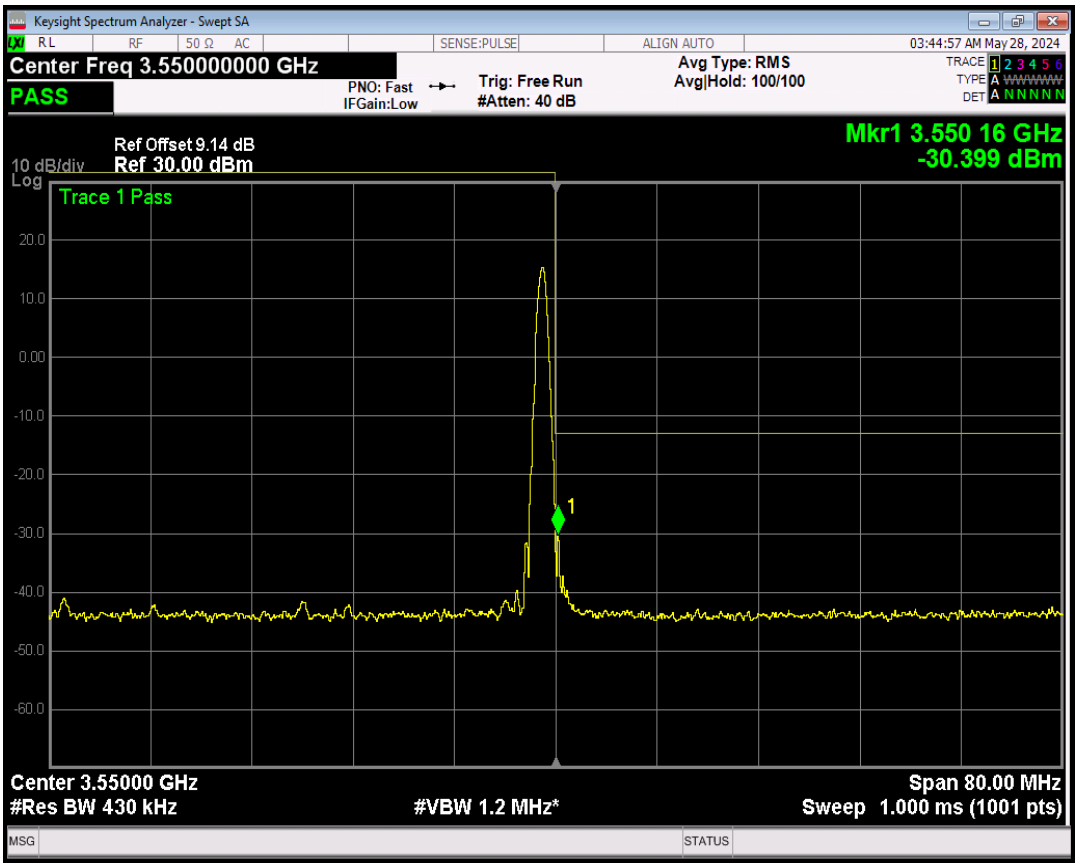


n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=631334 RB=1@0

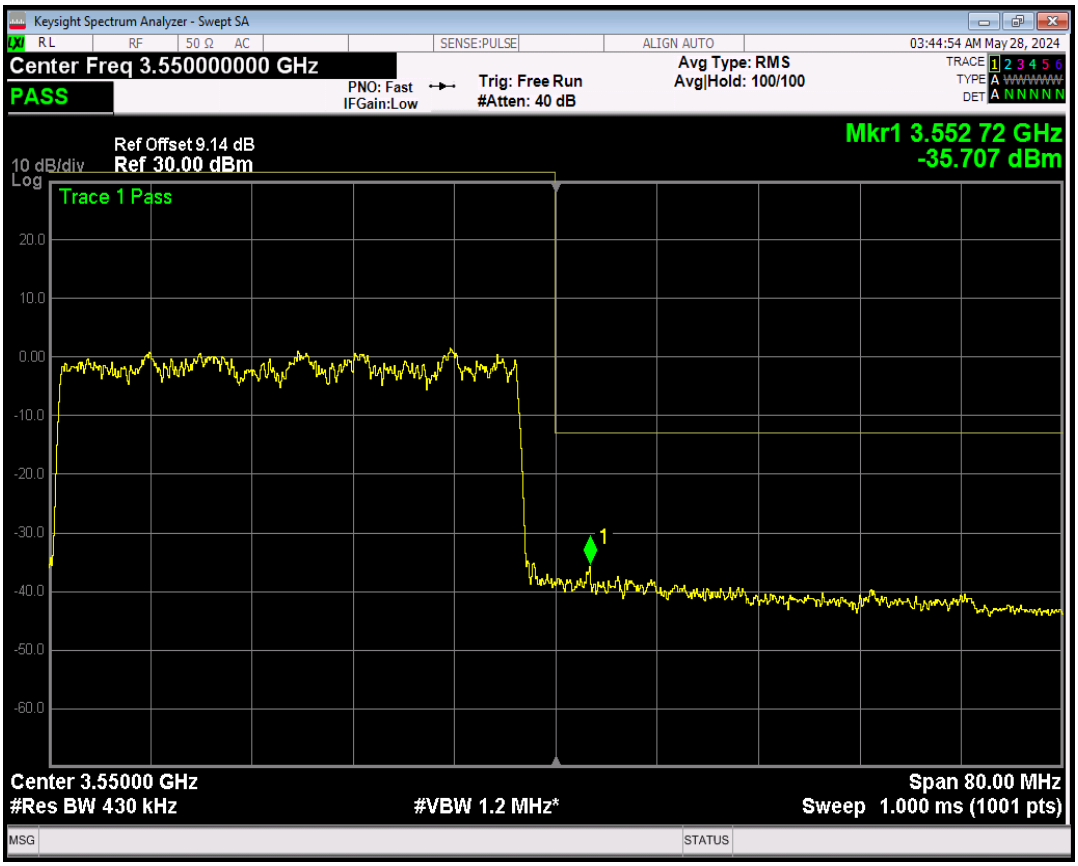


n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=631334 RB=100@0

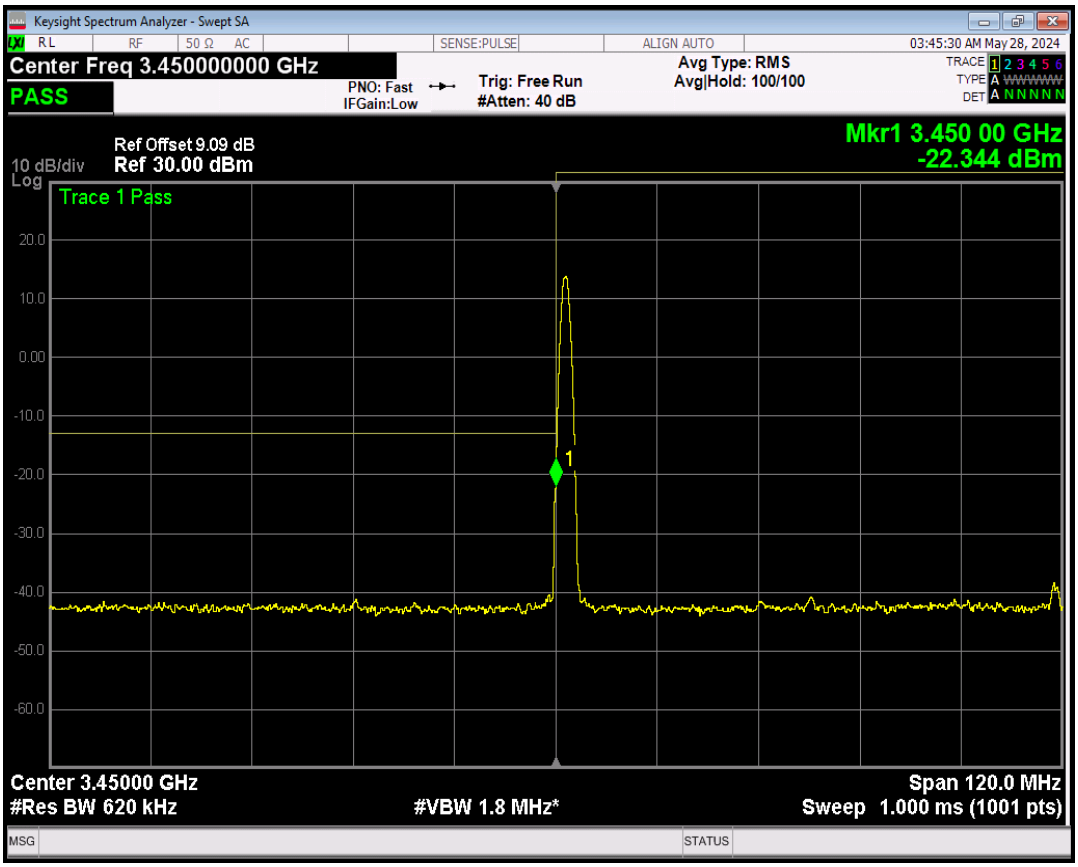
n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=635332 RB=1@105



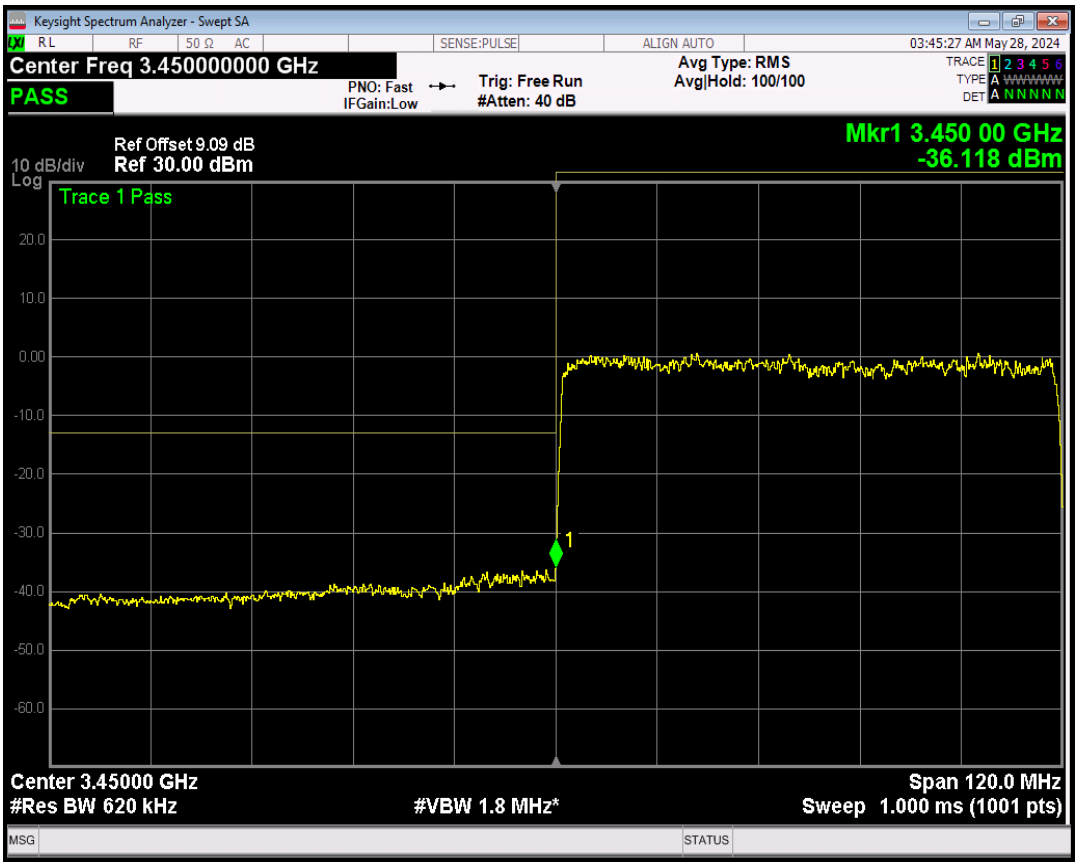
n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=635332 RB=100@0



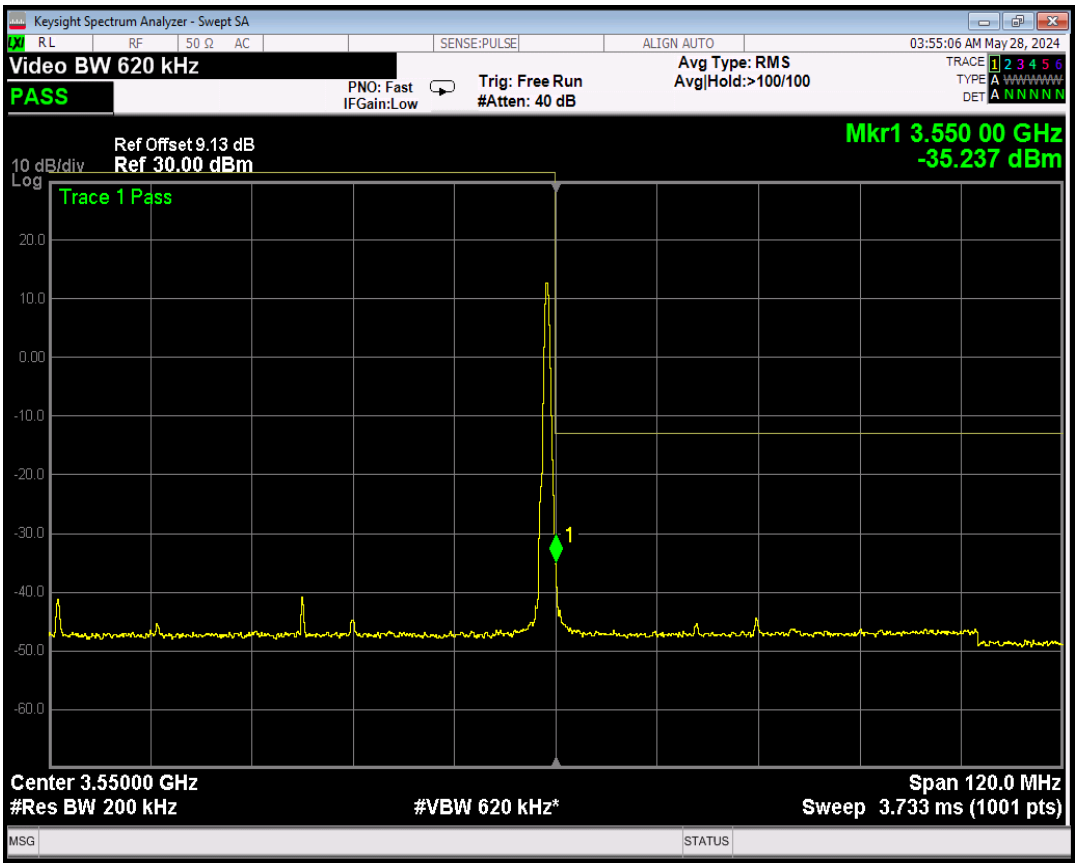
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=632000 RB=1@0



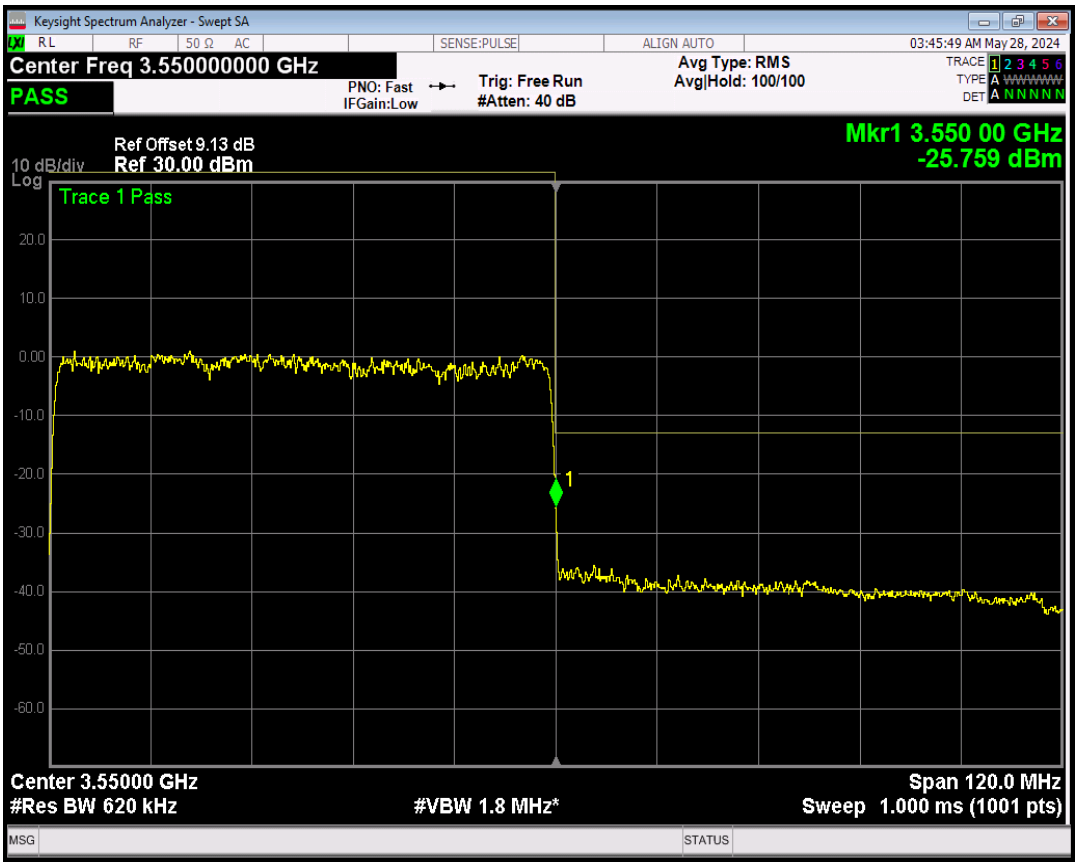
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=632000 RB=162@0



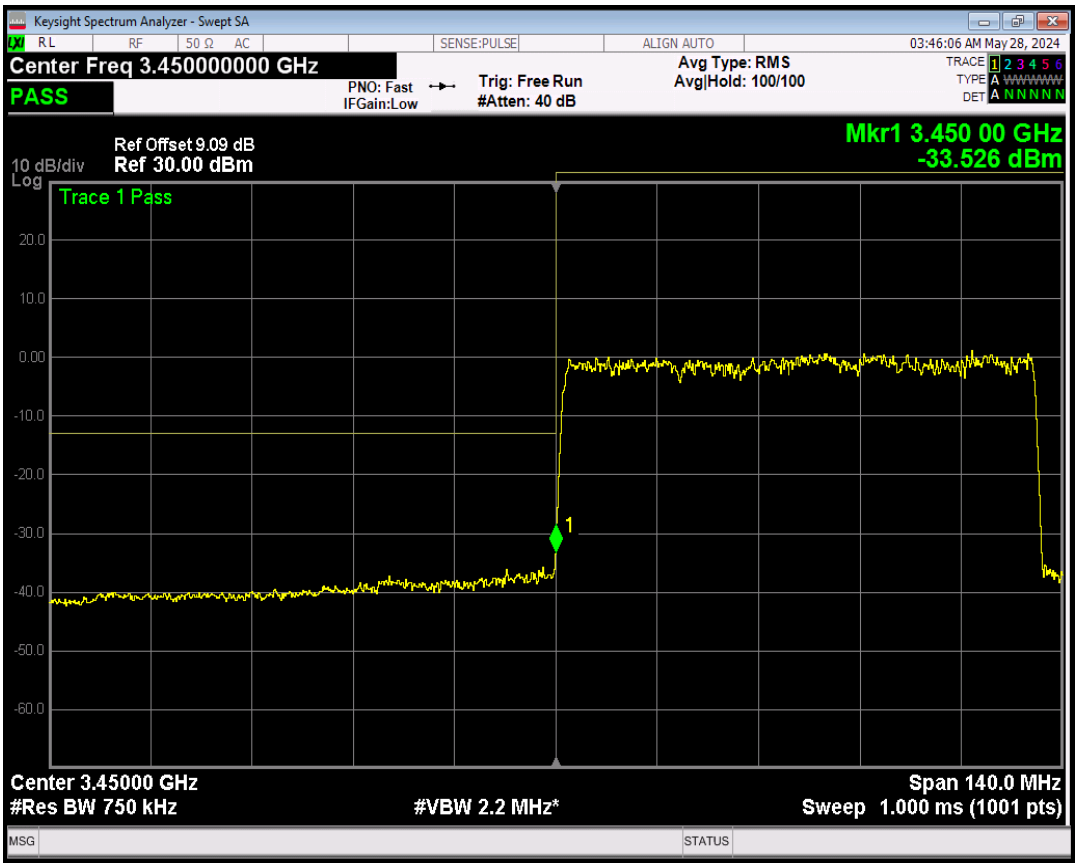
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=634666 RB=1@161



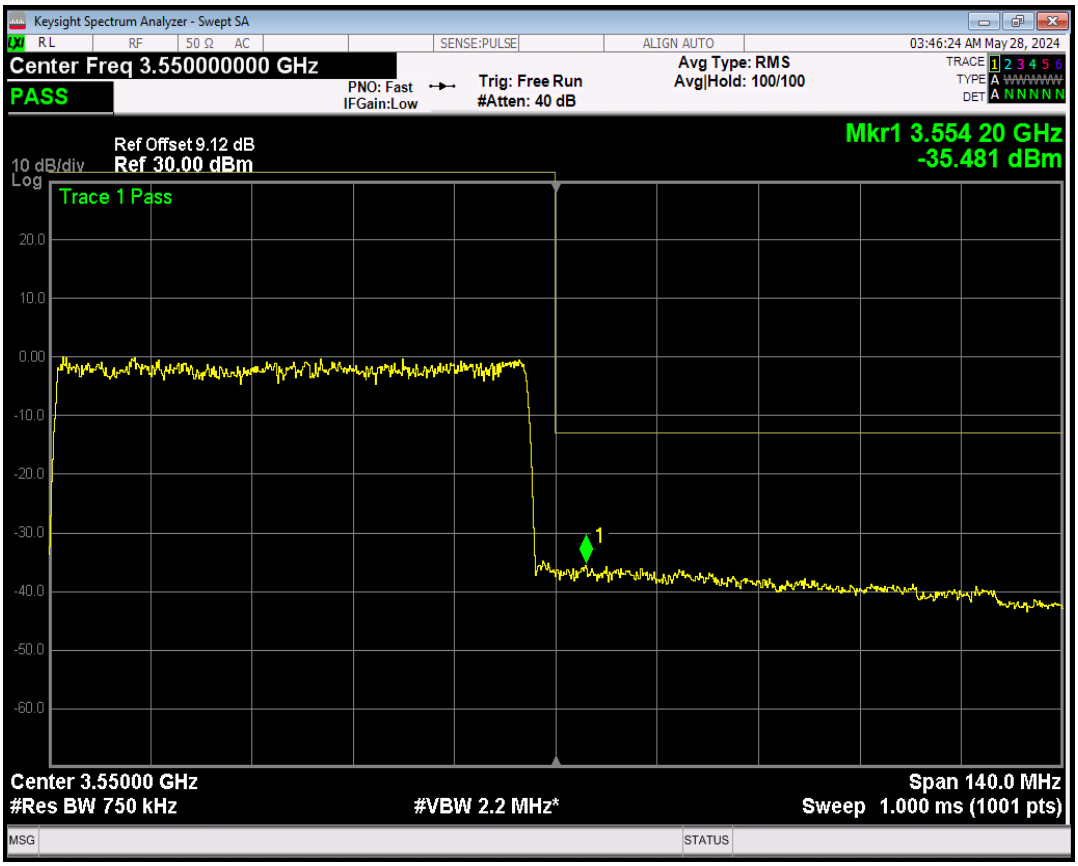
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=634666 RB=162@0



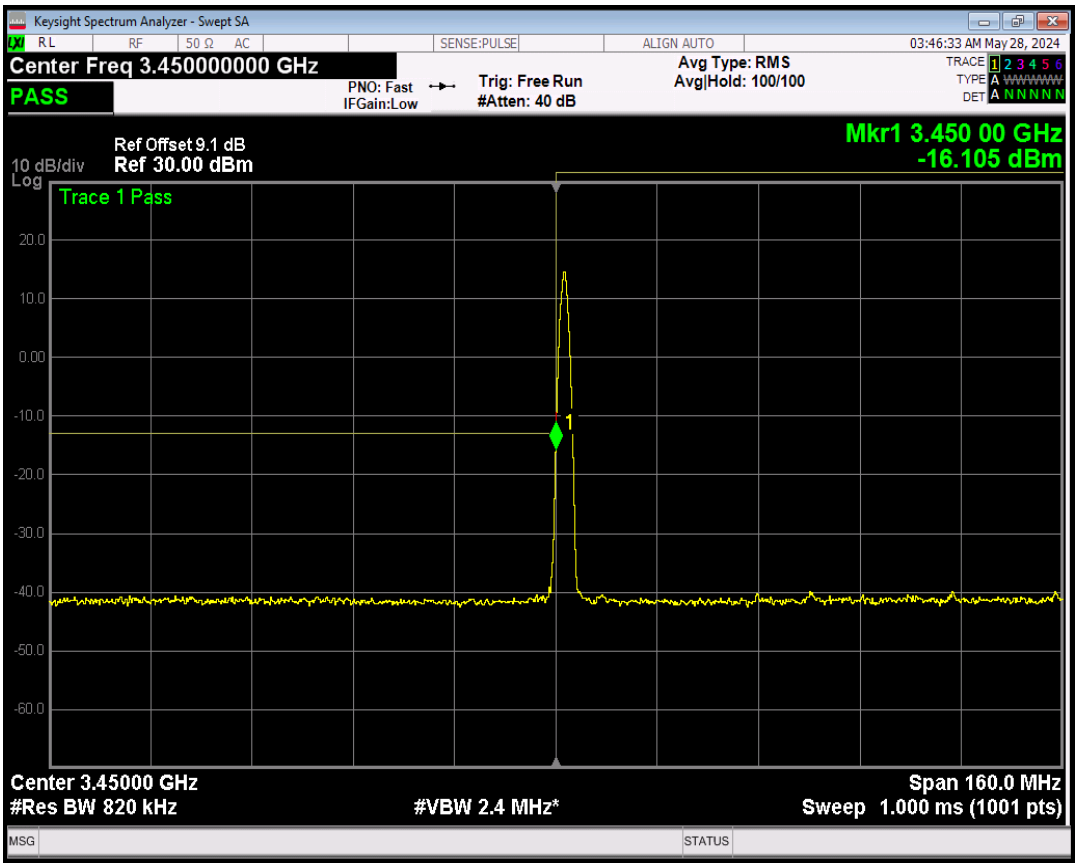
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=



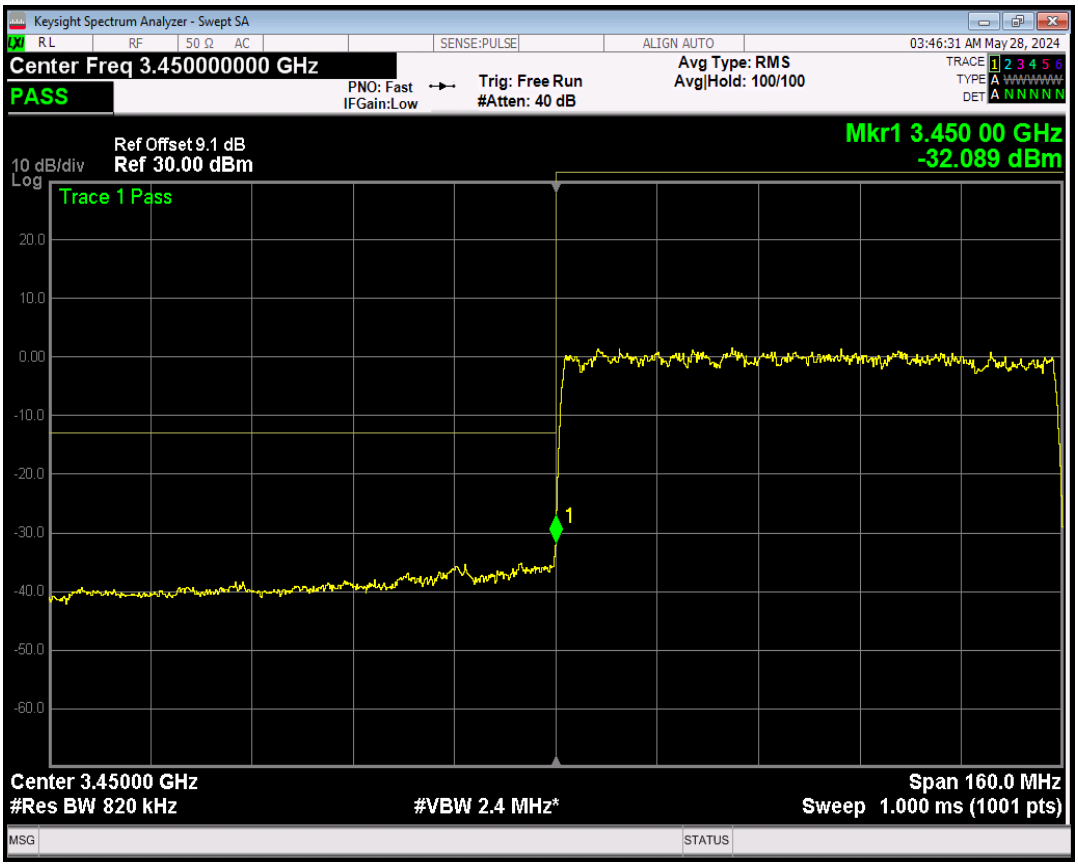
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=



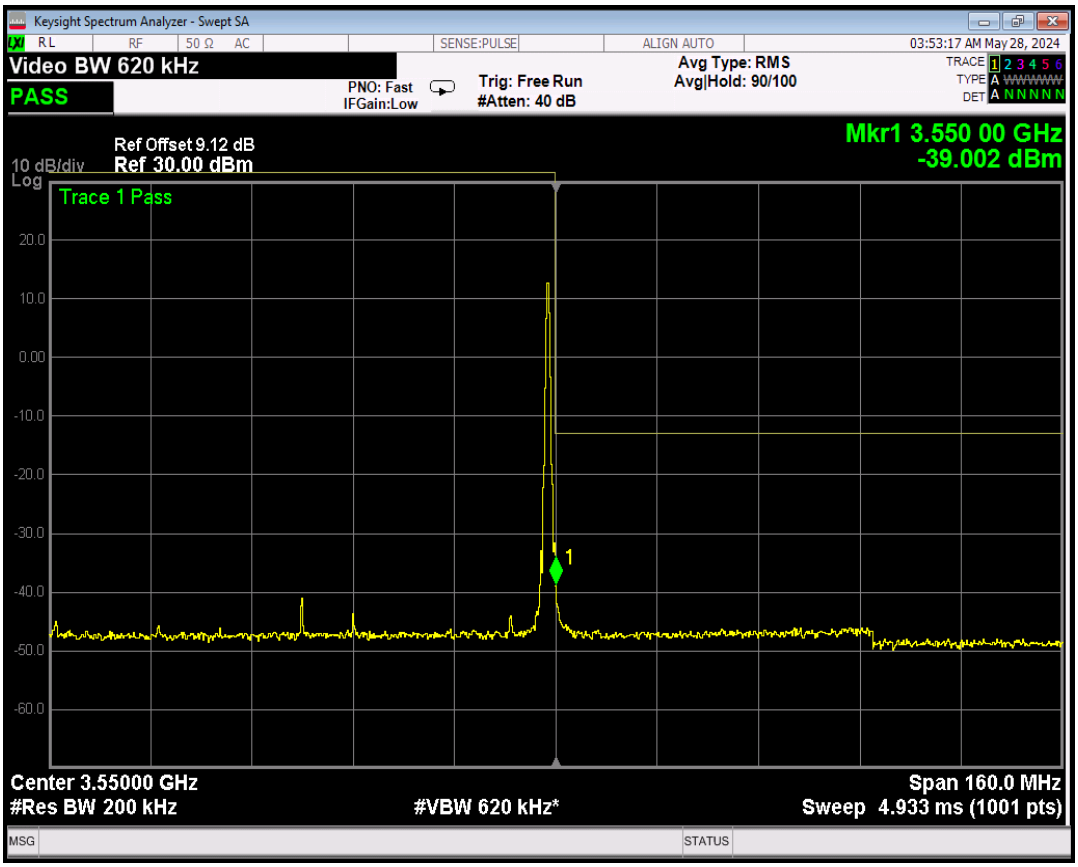
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=632668 RB=1@0



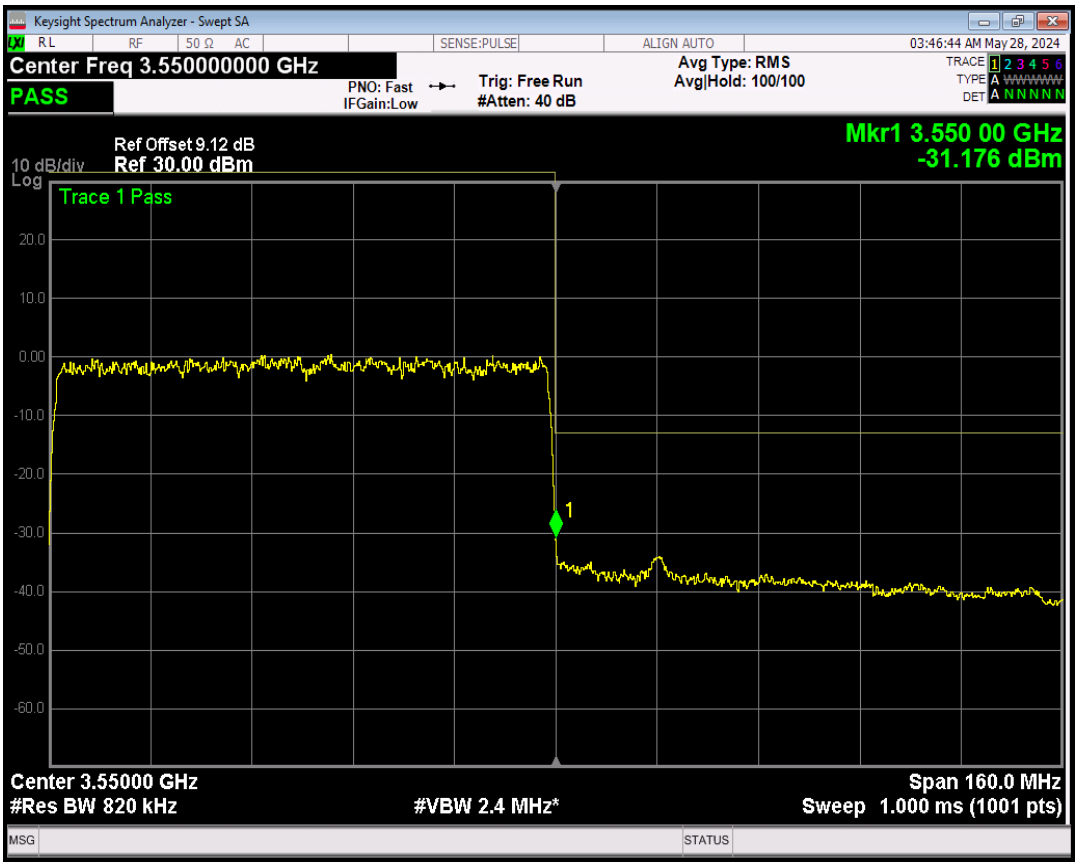
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=632668 RB=216@0



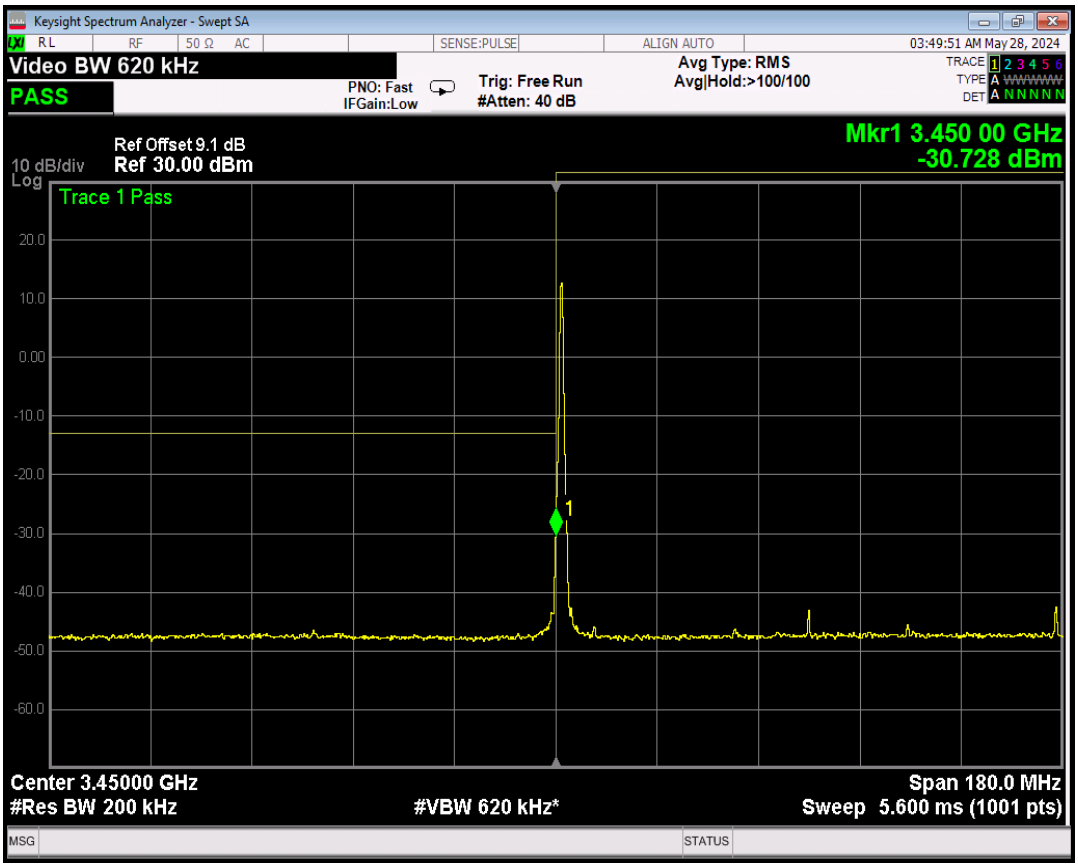
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=634000 RB=1@216



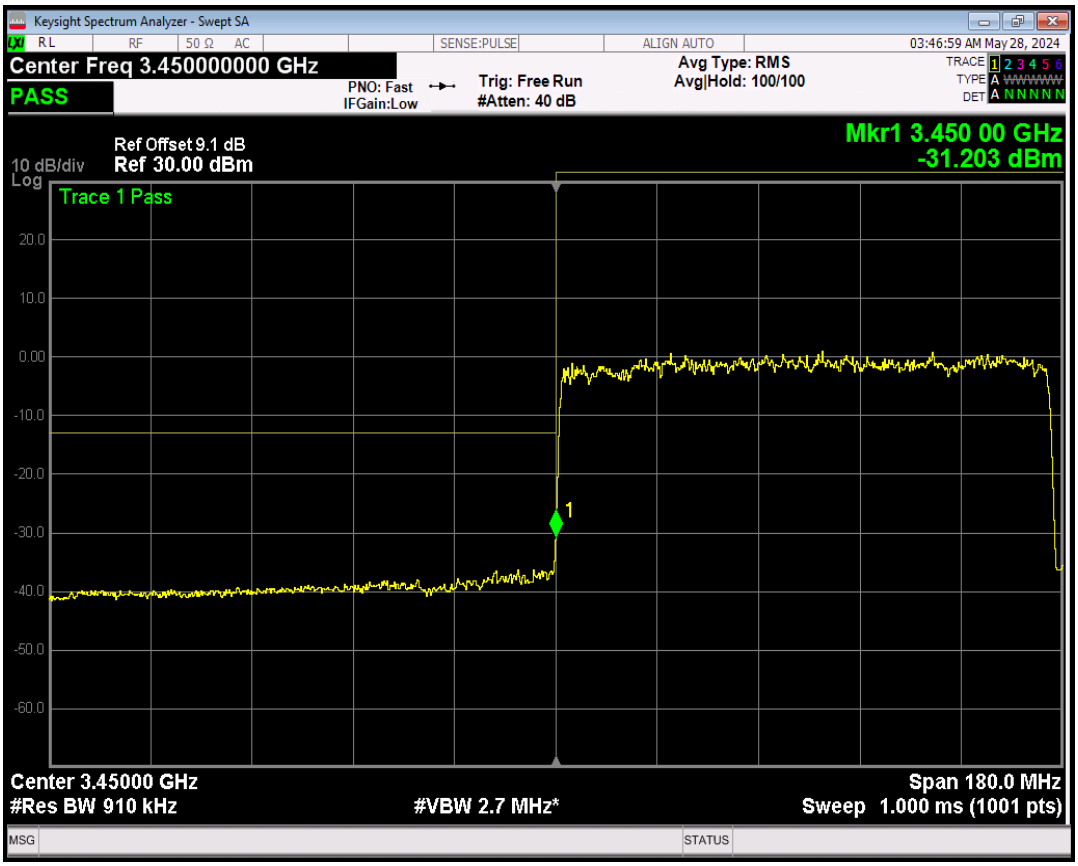
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=634000 RB=216@0



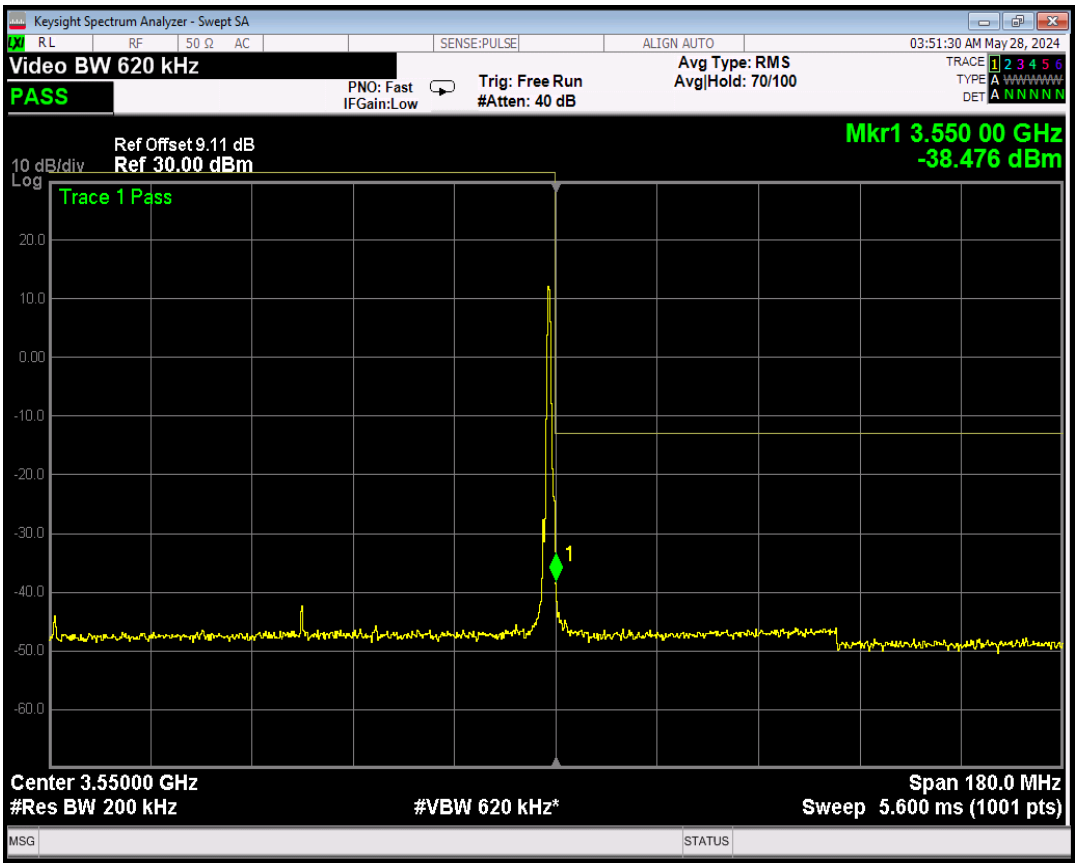
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633000 RB=1@0



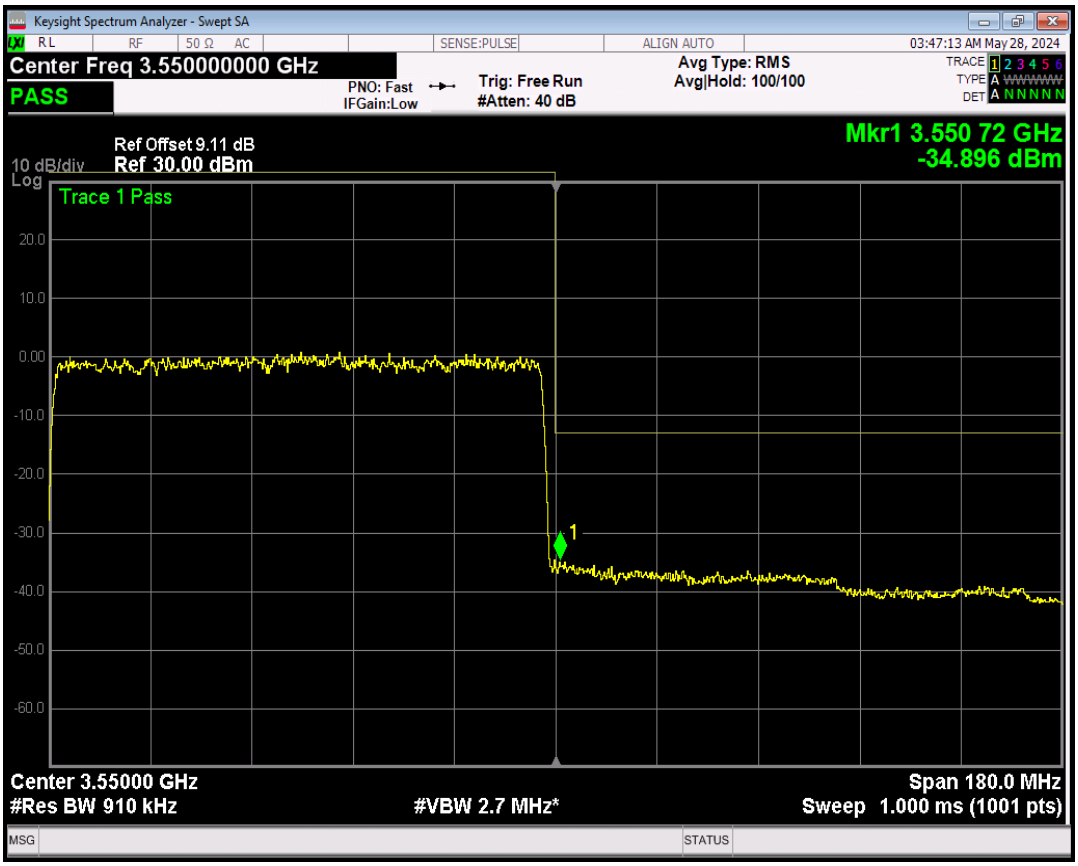
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633000 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633666 RB=1@244



n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633666 RB=240@0

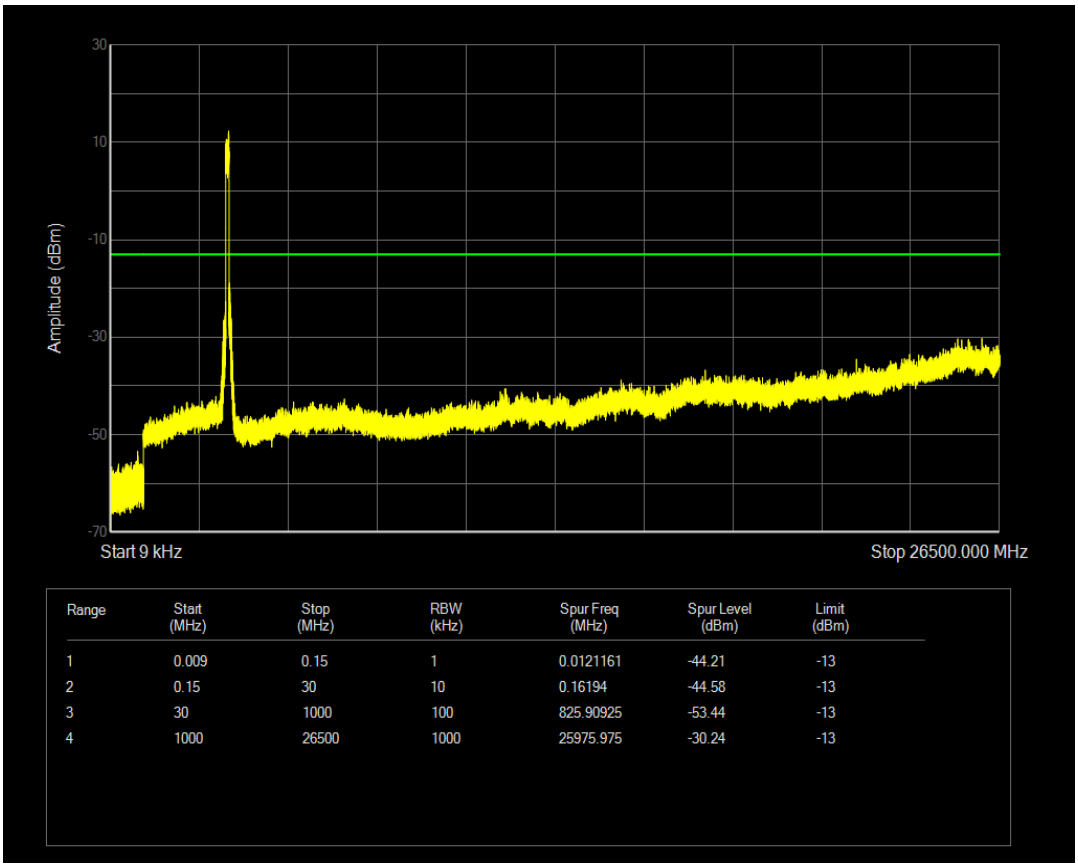


6 Out-of-band emissions for EN-DC

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	24@0	CP_QPSK	25276.64	-30.11	-13	PASS
n78(3450-3550)	30	10	630334	1@0	CP_QPSK	25567.34	-30.77	-13	PASS
n78(3450-3550)	30	10	630334	1@23	CP_QPSK	26006.58	-29.87	-13	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	26438.80	-30.46	-13	PASS
n78(3450-3550)	30	10	633334	1@0	CP_QPSK	26040.36	-30.71	-13	PASS
n78(3450-3550)	30	10	633334	1@23	CP_QPSK	25250.50	-30.81	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	25568.61	-30.34	-13	PASS
n78(3450-3550)	30	10	636332	1@0	CP_QPSK	25585.83	-30.02	-13	PASS
n78(3450-3550)	30	10	636332	1@23	CP_QPSK	25590.29	-30.05	-13	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	26072.88	-29.93	-13	PASS
n78(3450-3550)	30	15	630500	1@0	CP_QPSK	25258.79	-30.34	-13	PASS
n78(3450-3550)	30	15	630500	1@37	CP_QPSK	25368.44	-30.85	-13	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	26109.21	-31.06	-13	PASS
n78(3450-3550)	30	15	633334	1@0	CP_QPSK	26080.53	-30.91	-13	PASS
n78(3450-3550)	30	15	633334	1@37	CP_QPSK	25768.79	-30.22	-13	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	25328.28	-30.48	-13	PASS
n78(3450-3550)	30	15	636166	1@0	CP_QPSK	25647.66	-30.36	-13	PASS
n78(3450-3550)	30	15	636166	1@37	CP_QPSK	26035.90	-30.63	-13	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	26038.45	-30.36	-13	PASS
n78(3450-3550)	30	20	630668	1@0	CP_QPSK	25272.18	-30.53	-13	PASS
n78(3450-3550)	30	20	630668	1@50	CP_QPSK	25443.03	-30.21	-13	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	25971.51	-30.23	-13	PASS
n78(3450-3550)	30	20	633334	1@0	CP_QPSK	25747.75	-30.55	-13	PASS
n78(3450-3550)	30	20	633334	1@50	CP_QPSK	25983.63	-30.55	-13	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	25621.53	-30.83	-13	PASS
n78(3450-3550)	30	20	636000	1@0	CP_QPSK	25320.63	-29.70	-13	PASS
n78(3450-3550)	30	20	636000	1@50	CP_QPSK	25535.46	-30.62	-13	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	26006.58	-31.06	-13	PASS
n78(3450-3550)	30	40	631334	1@0	CP_QPSK	25239.03	-30.21	-13	PASS
n78(3450-3550)	30	40	631334	1@105	CP_QPSK	25224.36	-30.78	-13	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	25281.74	-30.95	-13	PASS
n78(3450-3550)	30	40	633334	1@0	CP_QPSK	25534.83	-30.83	-13	PASS
n78(3450-3550)	30	40	633334	1@105	CP_QPSK	26477.69	-30.28	-13	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	25256.88	-28.59	-13	PASS
n78(3450-3550)	30	40	635332	1@0	CP_QPSK	25790.46	-30.63	-13	PASS
n78(3450-3550)	30	40	635332	1@105	CP_QPSK	25561.60	-29.99	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	25631.73	-30.36	-13	PASS
n78(3450-3550)	30	50	631668	1@0	CP_QPSK	25580.09	-30.49	-13	PASS
n78(3450-3550)	30	50	631668	1@132	CP_QPSK	25620.89	-30.09	-13	PASS
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	25676.35	-29.83	-13	PASS
n78(3450-3550)	30	50	633334	1@0	CP_QPSK	26151.29	-31.32	-13	PASS
n78(3450-3550)	30	50	633334	1@132	CP_QPSK	26203.56	-30.63	-13	PASS

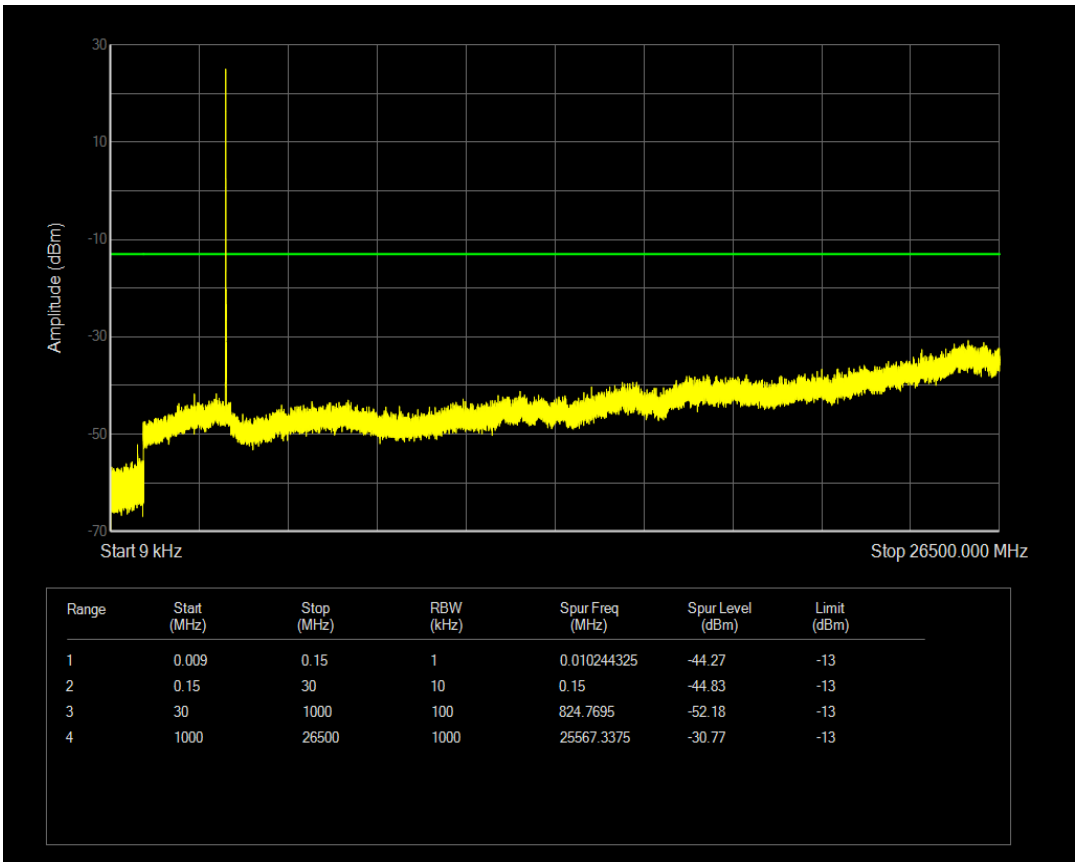
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	25646.39	-30.16	-13	PASS
n78(3450-3550)	30	50	635000	1@0	CP_QPSK	25274.73	-30.64	-13	PASS
n78(3450-3550)	30	50	635000	1@132	CP_QPSK	25645.11	-29.40	-13	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	25571.16	-30.60	-13	PASS
n78(3450-3550)	30	60	632000	1@0	CP_QPSK	26051.84	-30.56	-13	PASS
n78(3450-3550)	30	60	632000	1@161	CP_QPSK	25337.20	-30.94	-13	PASS
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	25758.59	-30.83	-13	PASS
n78(3450-3550)	30	60	633334	1@0	CP_QPSK	25582.00	-29.34	-13	PASS
n78(3450-3550)	30	60	633334	1@161	CP_QPSK	25721.61	-30.43	-13	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	25363.34	-30.65	-13	PASS
n78(3450-3550)	30	60	634666	1@0	CP_QPSK	26162.13	-30.53	-13	PASS
n78(3450-3550)	30	60	634666	1@161	CP_QPSK	26099.65	-31.17	-13	PASS
n78(3450-3550)	30	70	632334		CP_QPSK	26120.69	-29.84	-13	PASS
n78(3450-3550)	30	70	632334		CP_QPSK	25633.64	-29.83	-13	PASS
n78(3450-3550)	30	70	632334		CP_QPSK	25833.81	-30.56	-13	PASS
n78(3450-3550)	30	70	633334		CP_QPSK	25236.48	-30.41	-13	PASS
n78(3450-3550)	30	70	633334		CP_QPSK	25694.20	-30.57	-13	PASS
n78(3450-3550)	30	70	633334		CP_QPSK	26479.60	-30.49	-13	PASS
n78(3450-3550)	30	70	634332		CP_QPSK	26486.61	-30.21	-13	PASS
n78(3450-3550)	30	70	634332		CP_QPSK	25201.41	-28.98	-13	PASS
n78(3450-3550)	30	70	634332		CP_QPSK	25750.94	-29.89	-13	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	25244.13	-30.69	-13	PASS
n78(3450-3550)	30	80	632668	1@0	CP_QPSK	25599.85	-30.61	-13	PASS
n78(3450-3550)	30	80	632668	1@216	CP_QPSK	26042.28	-30.40	-13	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	25342.94	-31.05	-13	PASS
n78(3450-3550)	30	80	633334	1@0	CP_QPSK	25321.26	-30.59	-13	PASS
n78(3450-3550)	30	80	633334	1@216	CP_QPSK	25986.18	-30.57	-13	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	25432.83	-31.12	-13	PASS
n78(3450-3550)	30	80	634000	1@0	CP_QPSK	26089.45	-29.17	-13	PASS
n78(3450-3550)	30	80	634000	1@216	CP_QPSK	26053.75	-30.10	-13	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	25622.80	-30.17	-13	PASS
n78(3450-3550)	30	90	633000	1@0	CP_QPSK	25556.50	-30.08	-13	PASS
n78(3450-3550)	30	90	633000	1@244	CP_QPSK	26063.31	-29.98	-13	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	26053.11	-30.55	-13	PASS
n78(3450-3550)	30	90	633334	1@0	CP_QPSK	26135.99	-30.66	-13	PASS
n78(3450-3550)	30	90	633334	1@244	CP_QPSK	25595.39	-31.34	-13	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	25174.00	-30.98	-13	PASS
n78(3450-3550)	30	90	633666	1@0	CP_QPSK	25191.85	-29.57	-13	PASS
n78(3450-3550)	30	90	633666	1@244	CP_QPSK	25304.69	-30.91	-13	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	25975.98	-30.24	-13	PASS
n78(3450-3550)	30	100	633334	1@0	CP_QPSK	25225.00	-29.50	-13	PASS
n78(3450-3550)	30	100	633334	1@272	CP_QPSK	26139.18	-30.00	-13	PASS

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



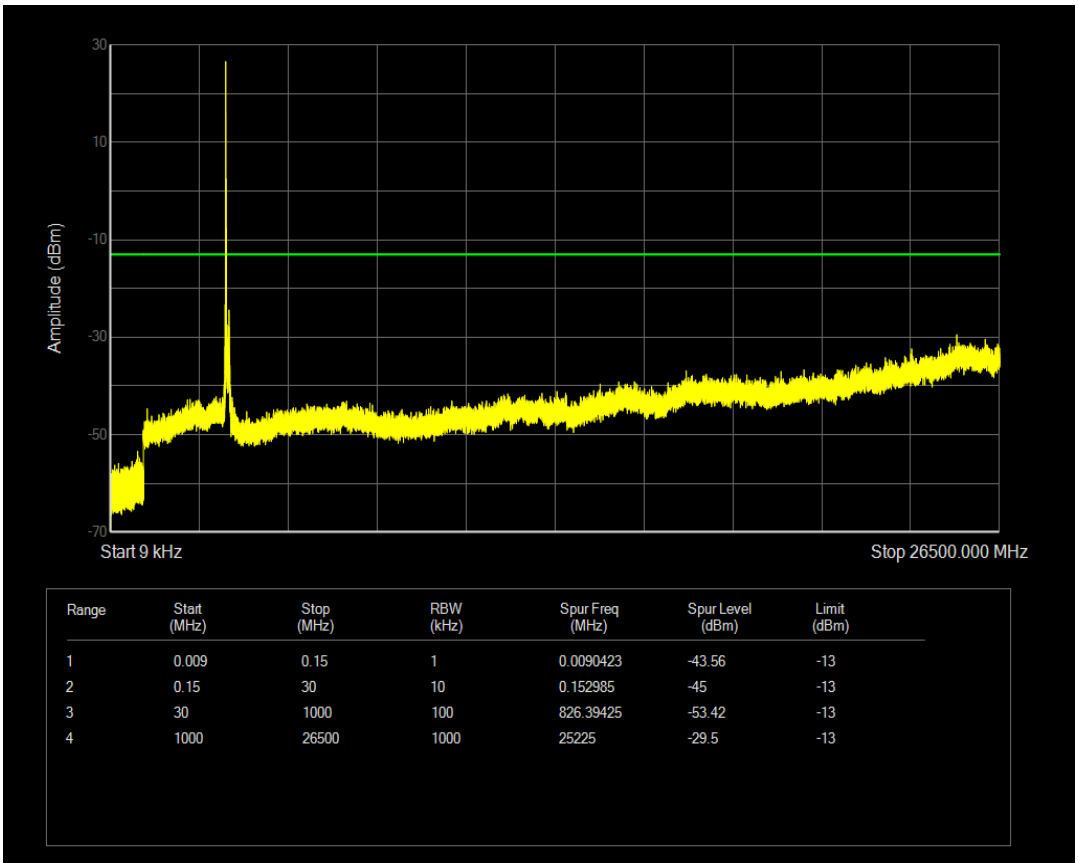
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0121161	-44.21	-13
2	0.15	30	10	0.16194	-44.58	-13
3	30	1000	100	825.90925	-53.44	-13
4	1000	26500	1000	25975.975	-30.24	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@0



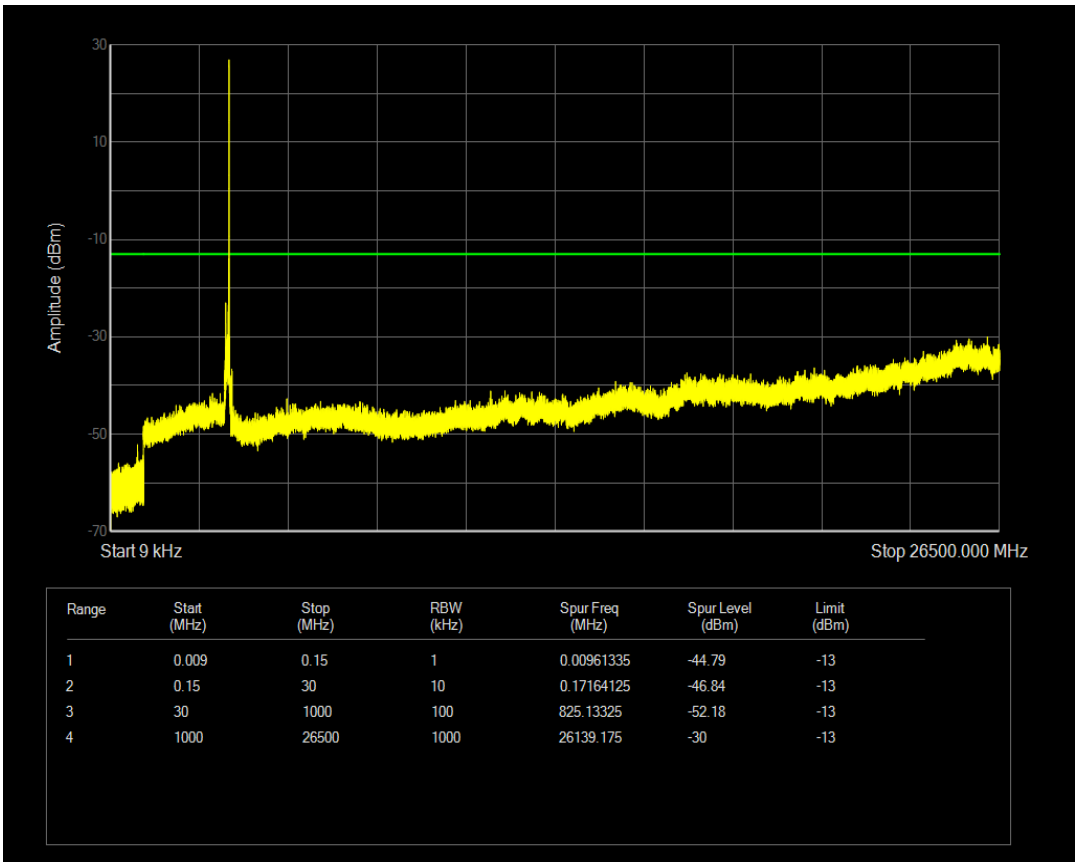
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010244325	-44.27	-13
2	0.15	30	10	0.15	-44.83	-13
3	30	1000	100	824.7695	-52.18	-13
4	1000	26500	1000	25567.3375	-30.77	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@0



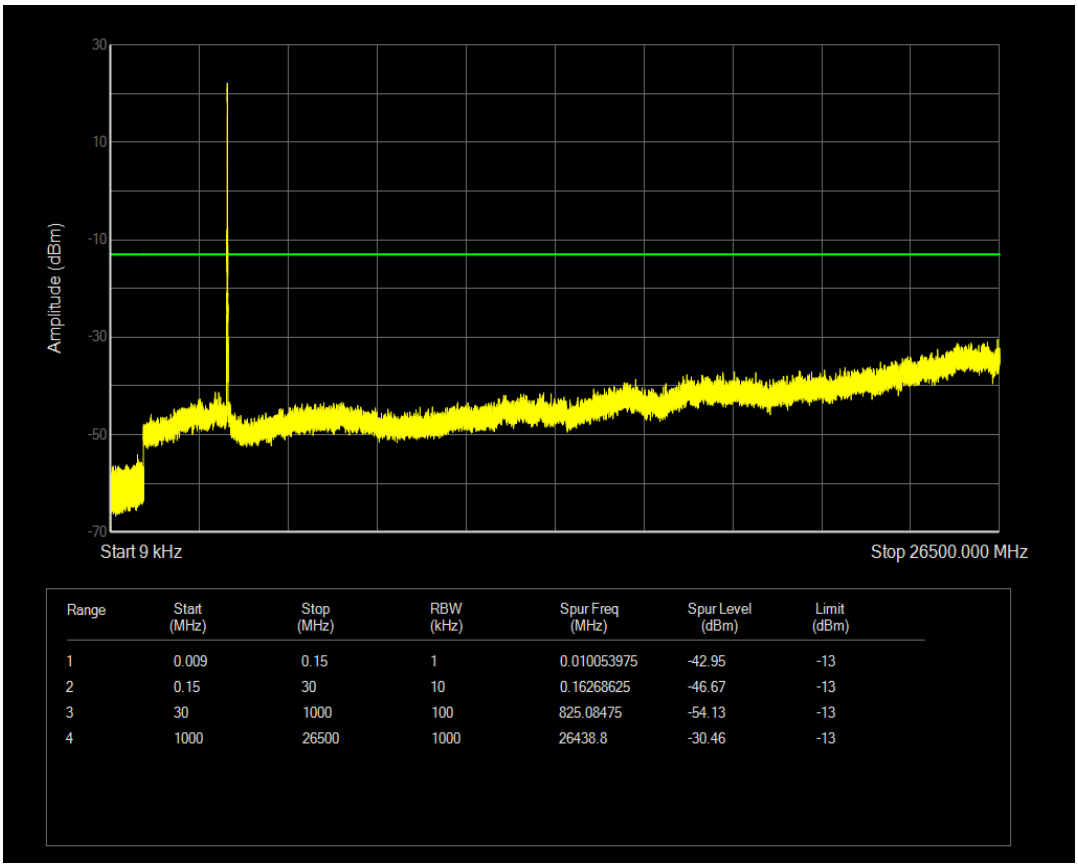
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090423	-43.56	-13
2	0.15	30	10	0.152985	-45	-13
3	30	1000	100	826.39425	-53.42	-13
4	1000	26500	1000	25225	-29.5	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@272



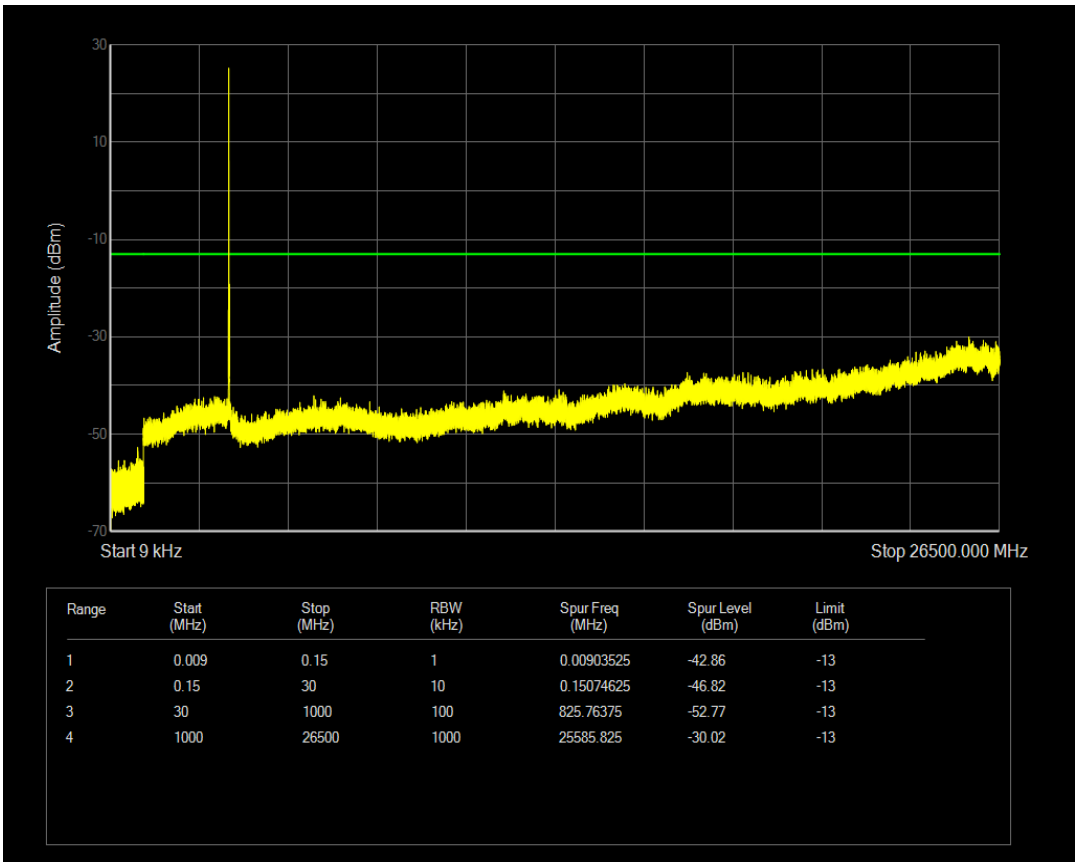
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00961335	-44.79	-13
2	0.15	30	10	0.17164125	-46.84	-13
3	30	1000	100	825.13325	-52.18	-13
4	1000	26500	1000	26139.175	-30	-13

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



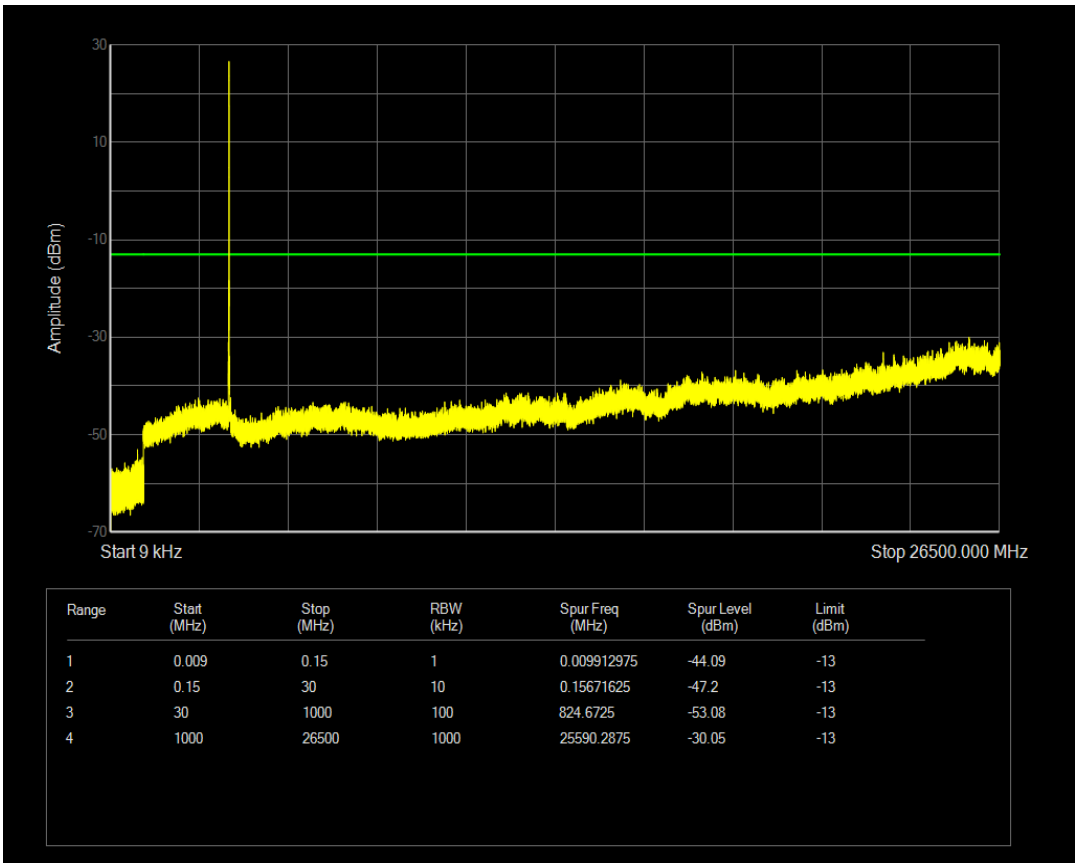
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010053975	-42.95	-13
2	0.15	30	10	0.16268625	-46.67	-13
3	30	1000	100	825.08475	-54.13	-13
4	1000	26500	1000	26438.8	-30.46	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@0



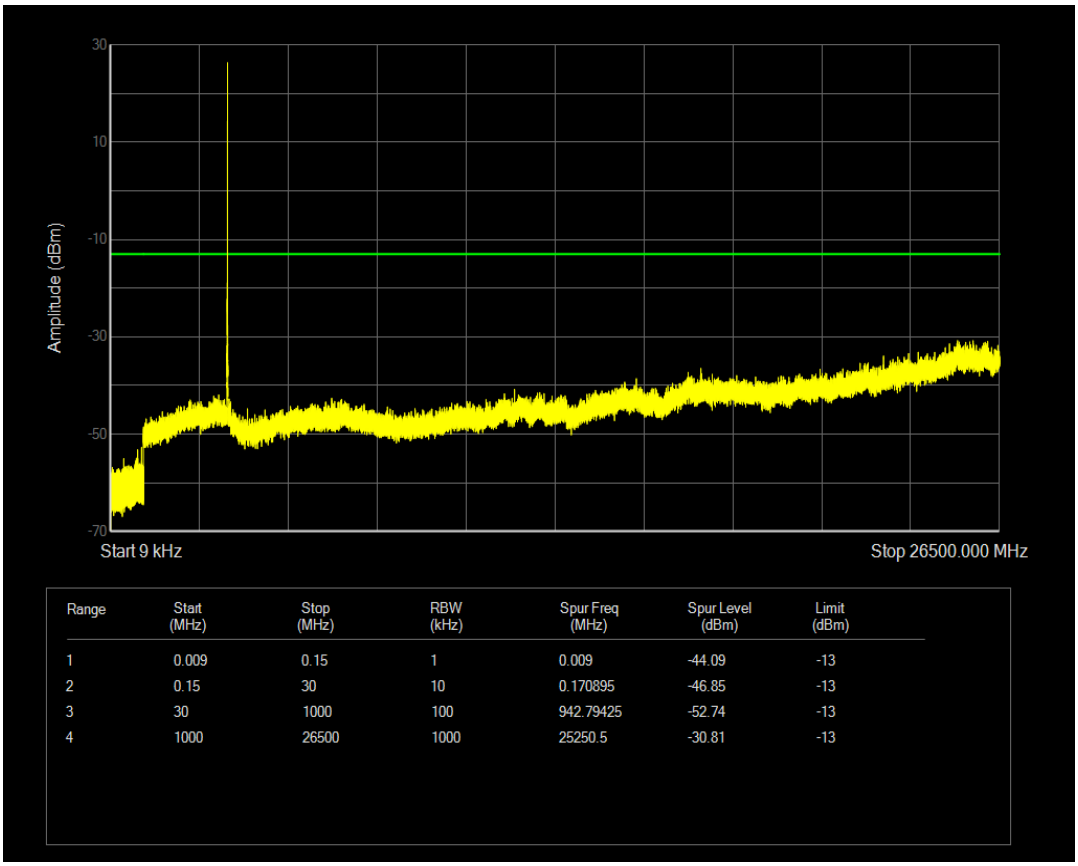
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00903525	-42.86	-13
2	0.15	30	10	0.15074625	-46.82	-13
3	30	1000	100	825.76375	-52.77	-13
4	1000	26500	1000	25585.825	-30.02	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@23



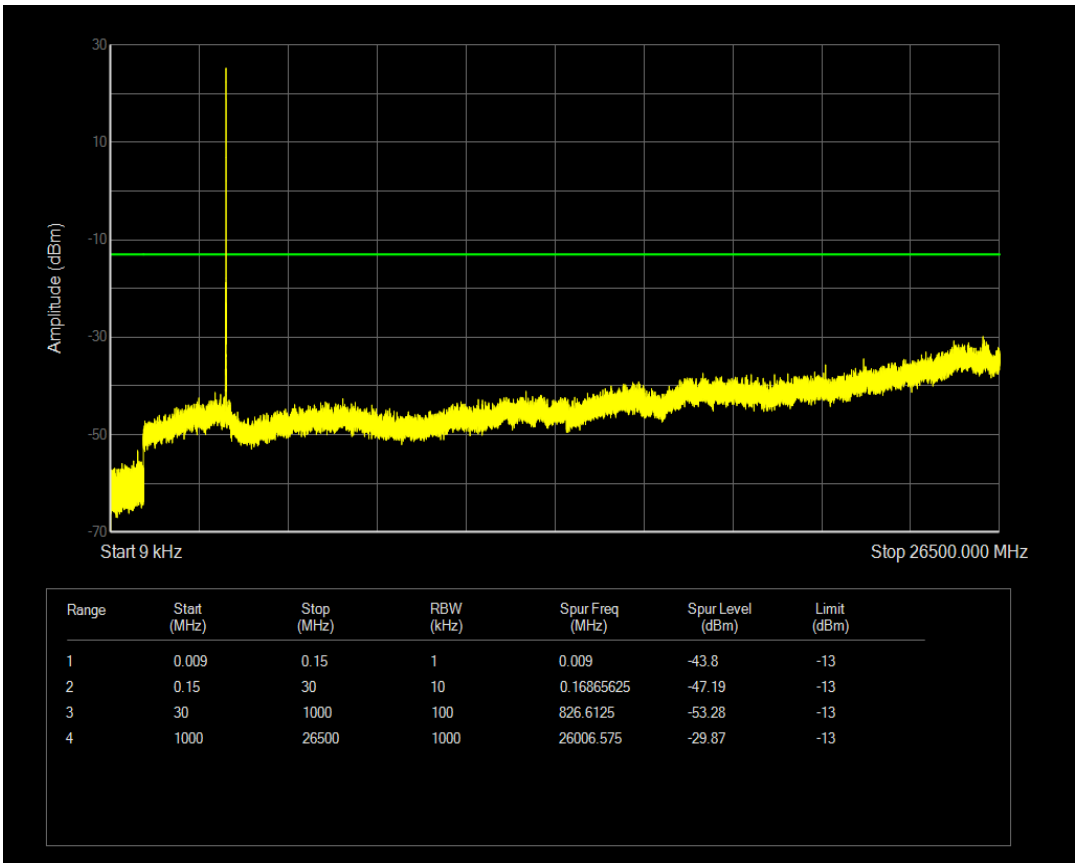
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009912975	-44.09	-13
2	0.15	30	10	0.15671625	-47.2	-13
3	30	1000	100	824.6725	-53.08	-13
4	1000	26500	1000	25590.2875	-30.05	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=1@23



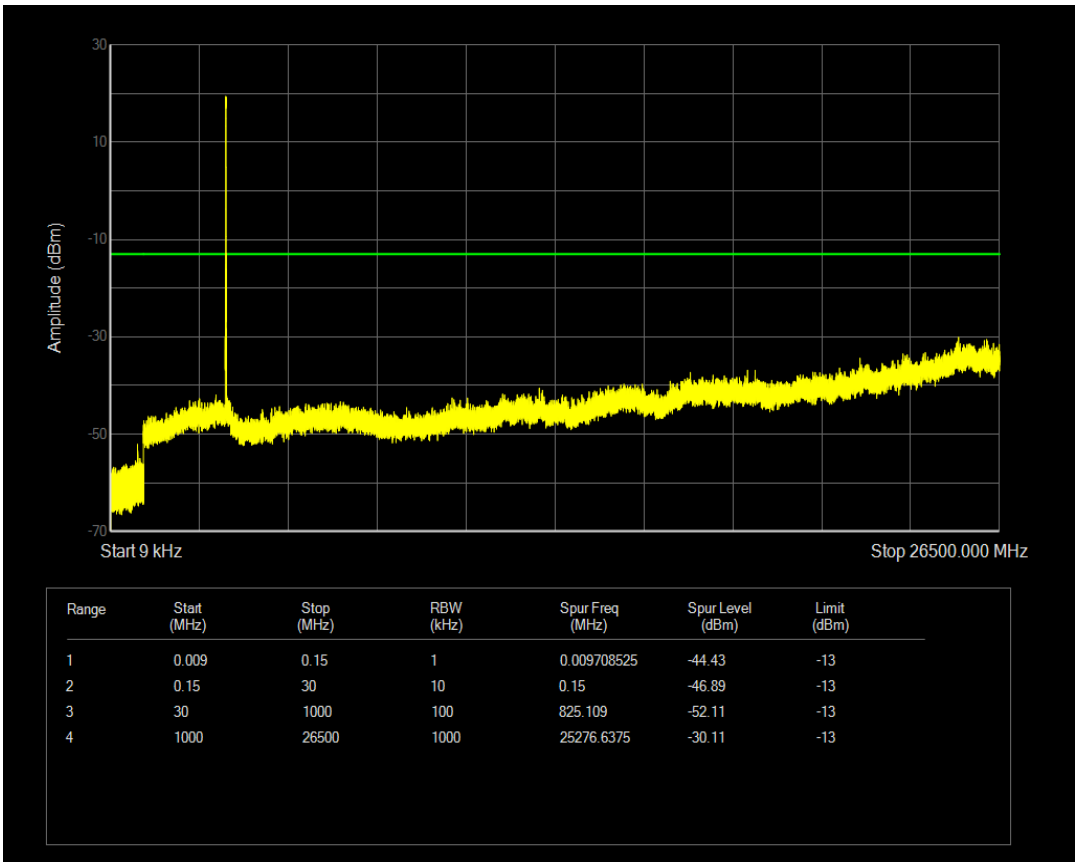
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.09	-13
2	0.15	30	10	0.170895	-46.85	-13
3	30	1000	100	942.79425	-52.74	-13
4	1000	26500	1000	25250.5	-30.81	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@23



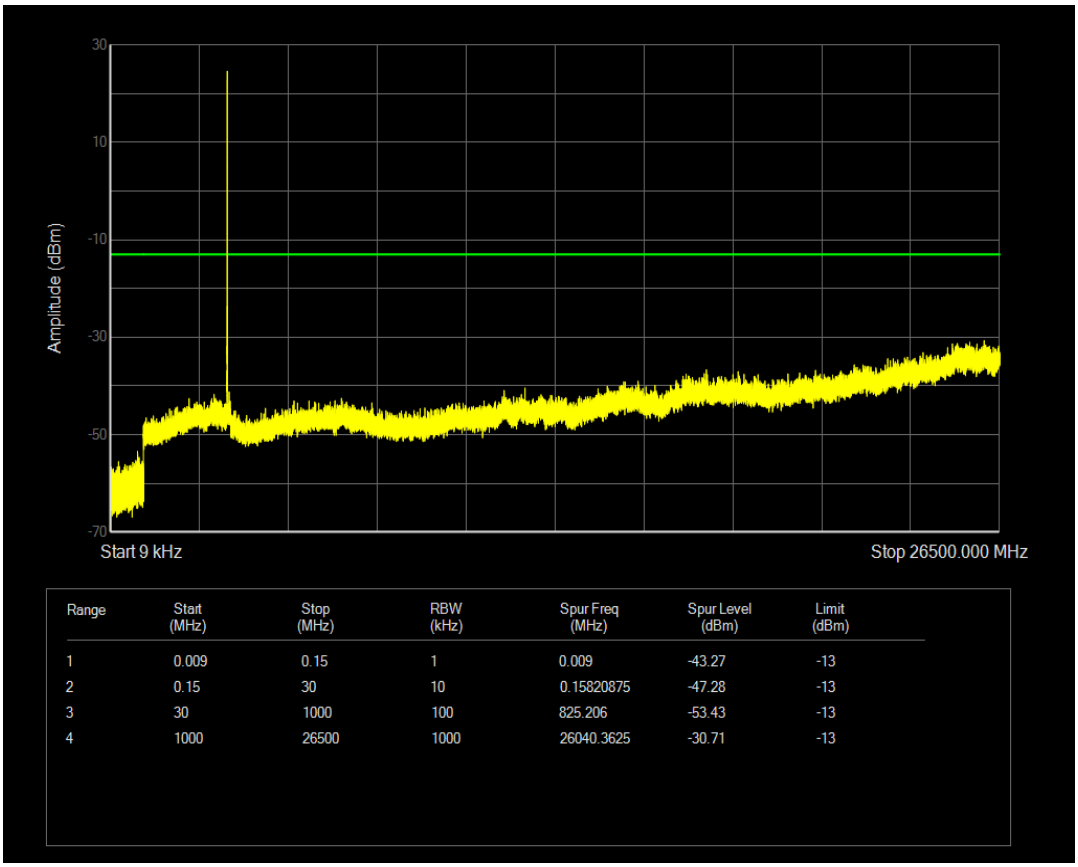
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.8	-13
2	0.15	30	10	0.16865625	-47.19	-13
3	30	1000	100	826.6125	-53.28	-13
4	1000	26500	1000	26006.575	-29.87	-13

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



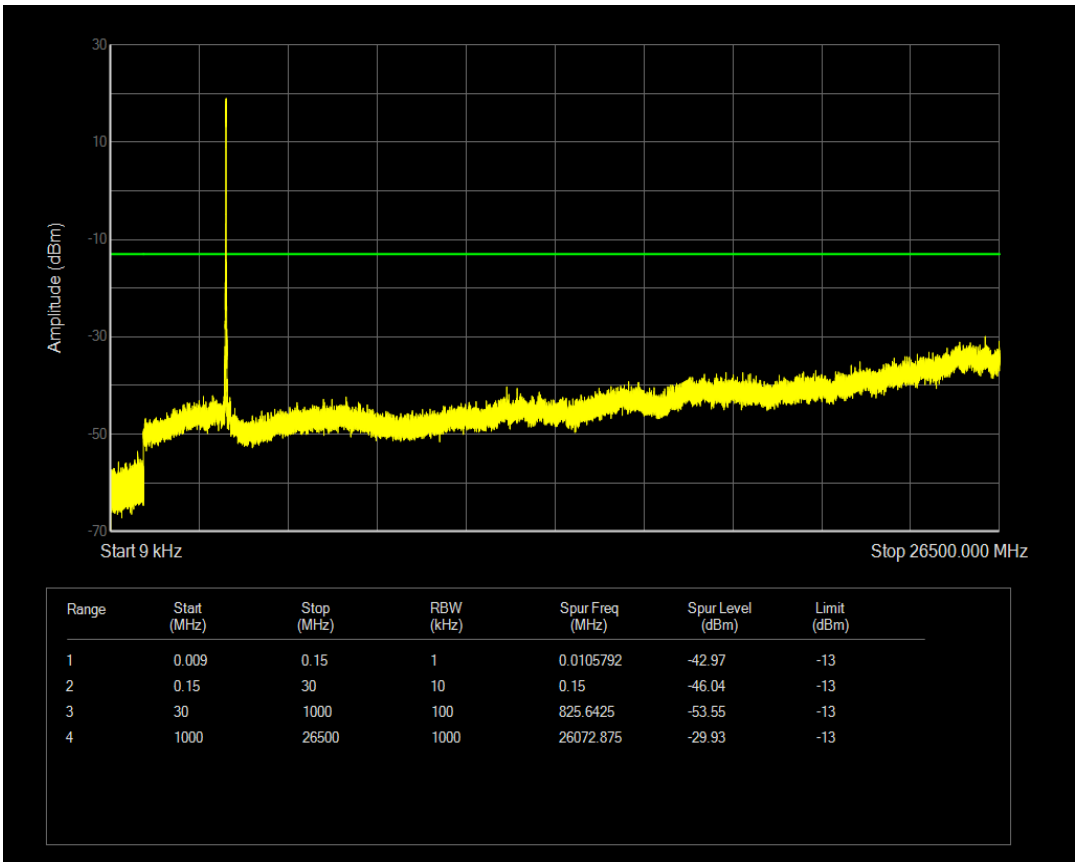
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009708525	-44.43	-13
2	0.15	30	10	0.15	-46.89	-13
3	30	1000	100	825.109	-52.11	-13
4	1000	26500	1000	25276.6375	-30.11	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=1@0



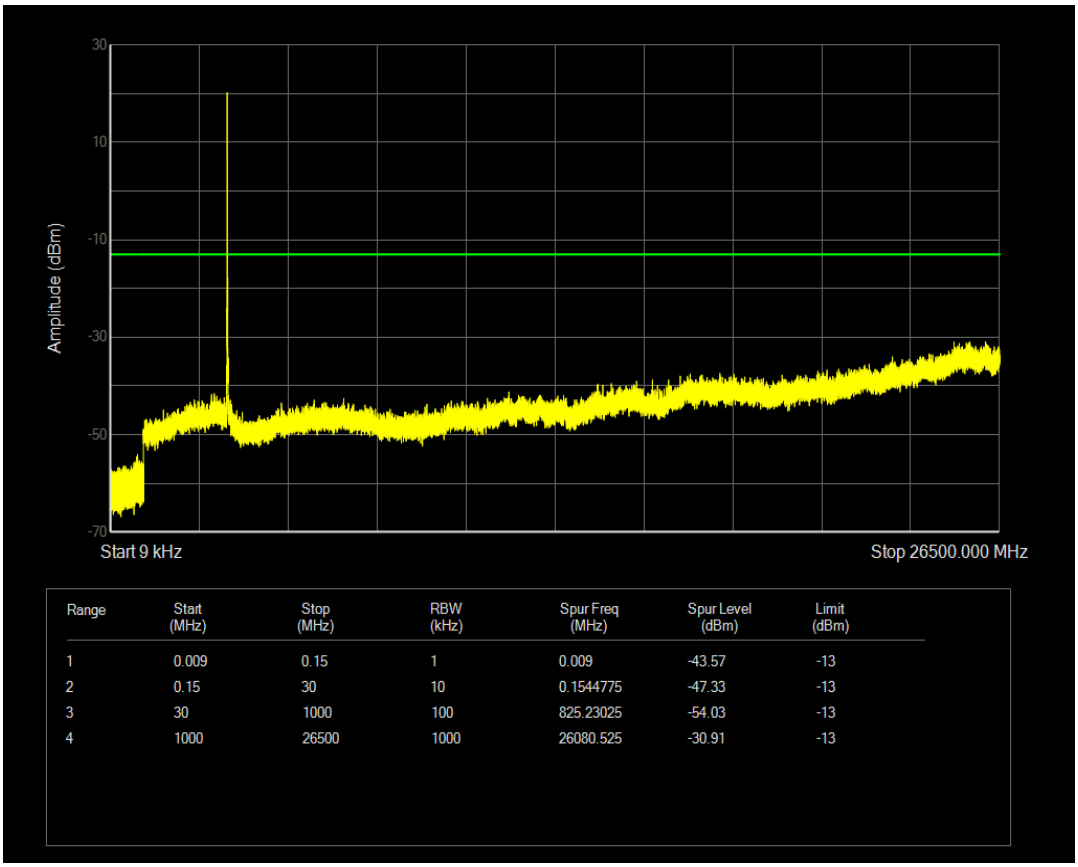
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.27	-13
2	0.15	30	10	0.15820875	-47.28	-13
3	30	1000	100	825.206	-53.43	-13
4	1000	26500	1000	26040.3625	-30.71	-13

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



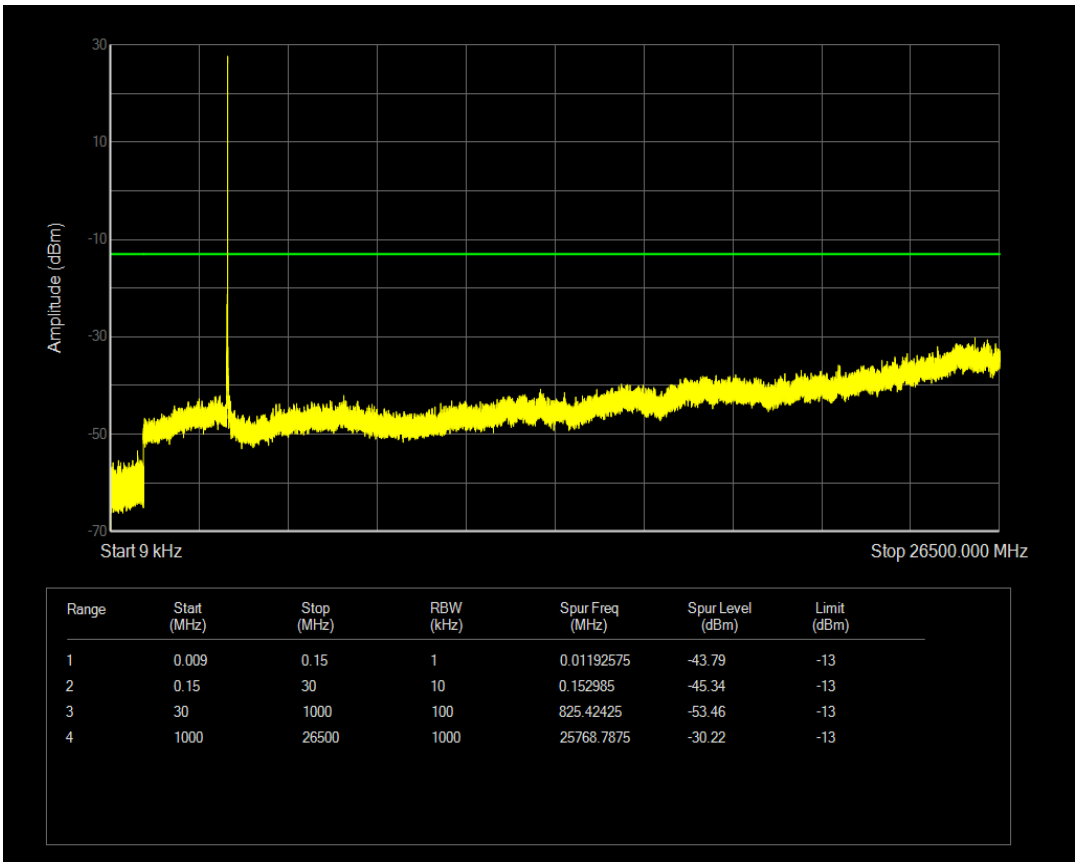
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0105792	-42.97	-13
2	0.15	30	10	0.15	-46.04	-13
3	30	1000	100	825.6425	-53.55	-13
4	1000	26500	1000	26072.875	-29.93	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=1@0



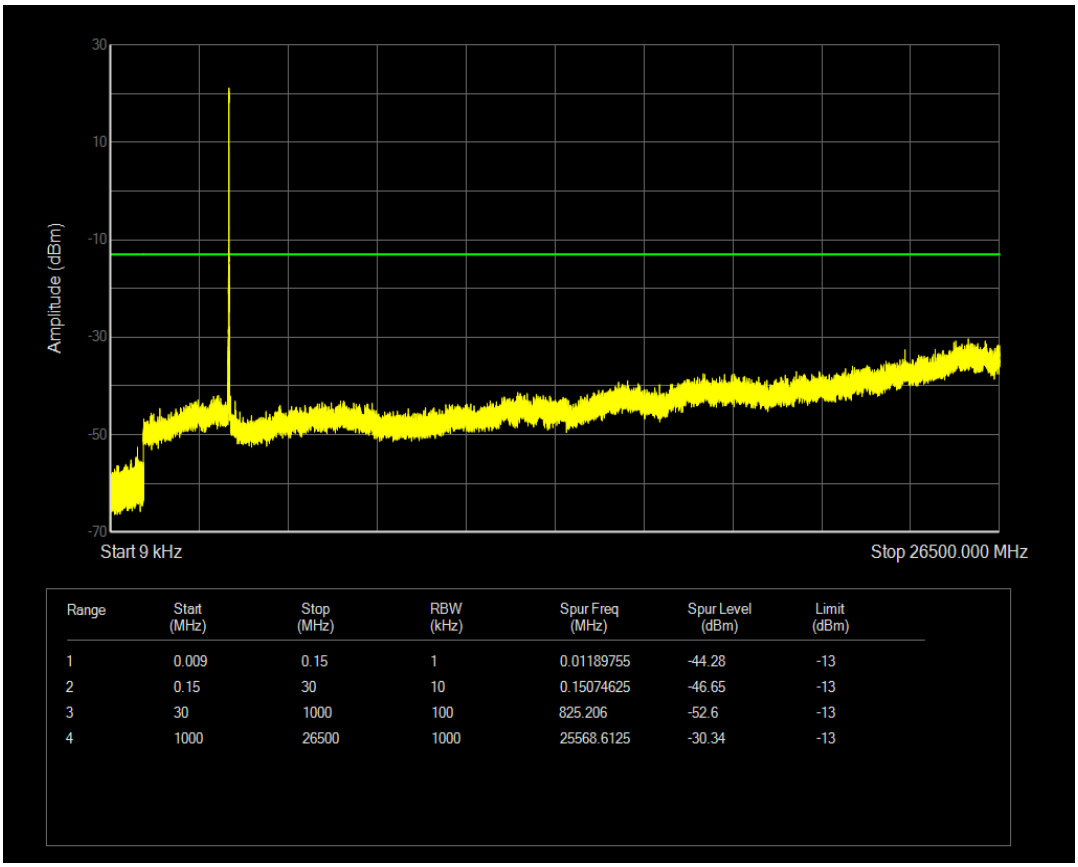
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.57	-13
2	0.15	30	10	0.1544775	-47.33	-13
3	30	1000	100	825.23025	-54.03	-13
4	1000	26500	1000	26080.525	-30.91	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=1@37



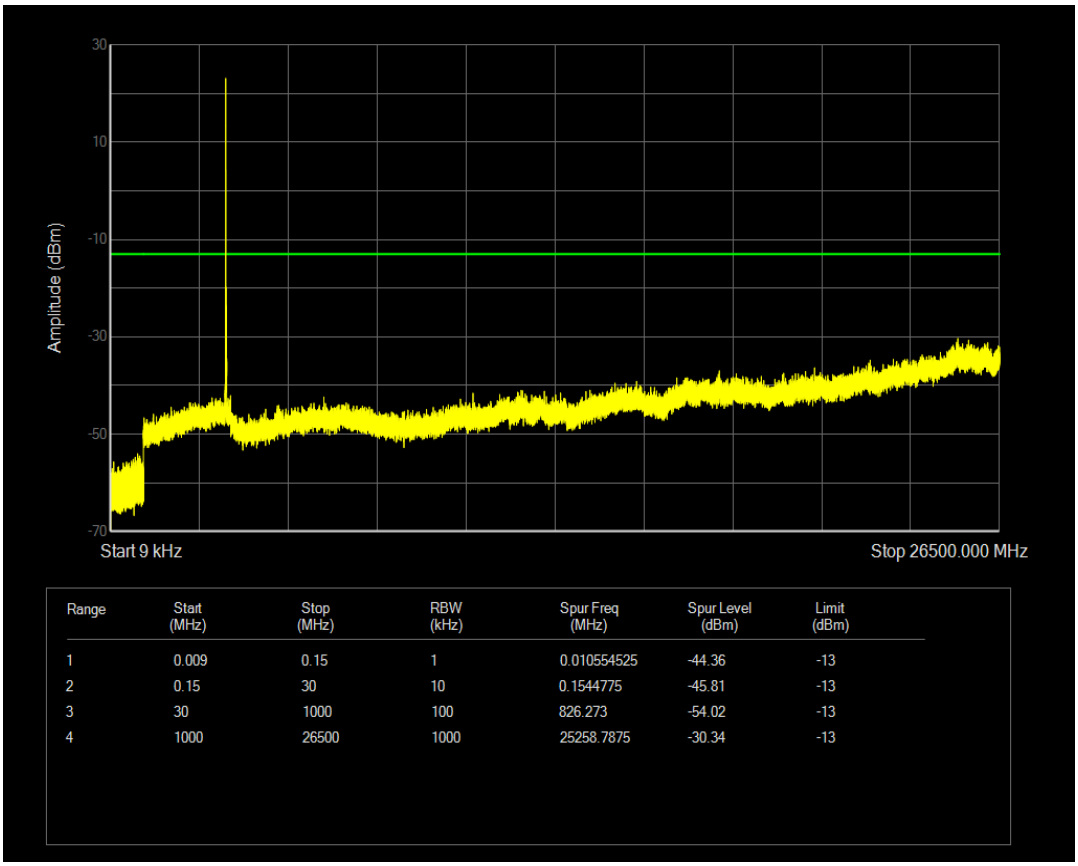
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01192575	-43.79	-13
2	0.15	30	10	0.152985	-45.34	-13
3	30	1000	100	825.42425	-53.46	-13
4	1000	26500	1000	25768.7875	-30.22	-13

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



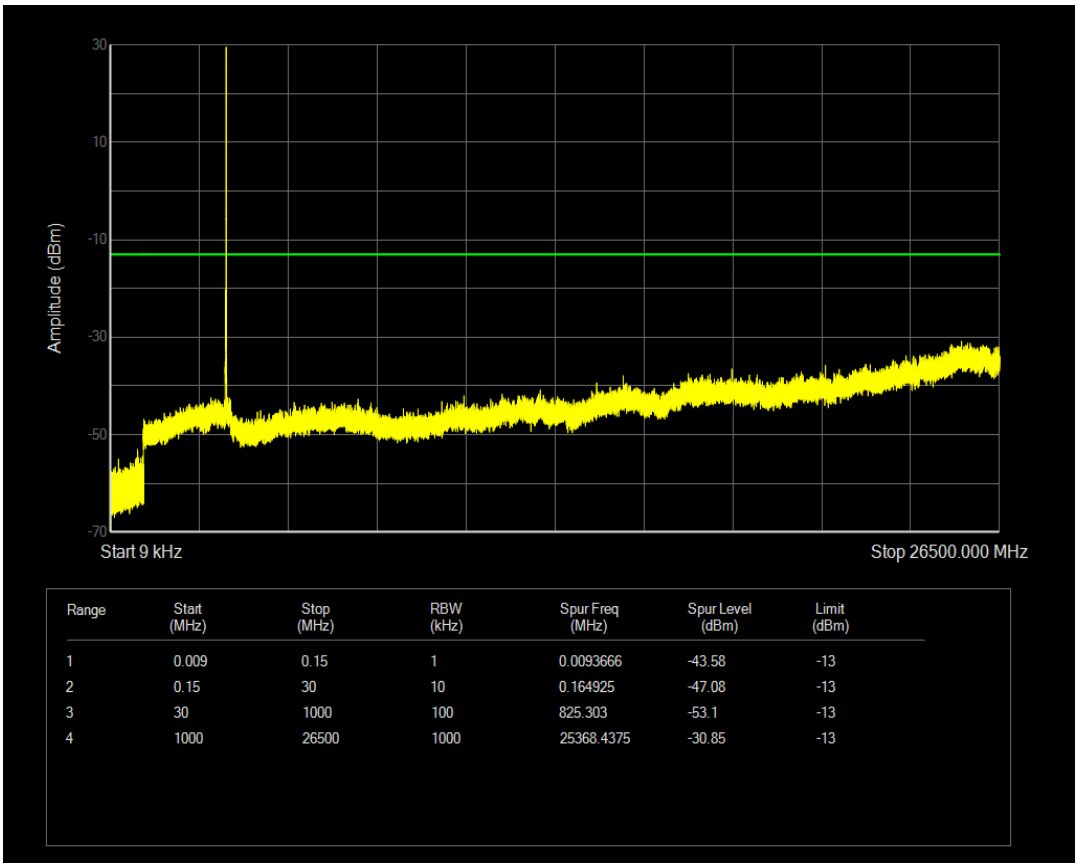
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01189755	-44.28	-13
2	0.15	30	10	0.15074625	-46.65	-13
3	30	1000	100	825.206	-52.6	-13
4	1000	26500	1000	25568.6125	-30.34	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=630500 RB=1@0



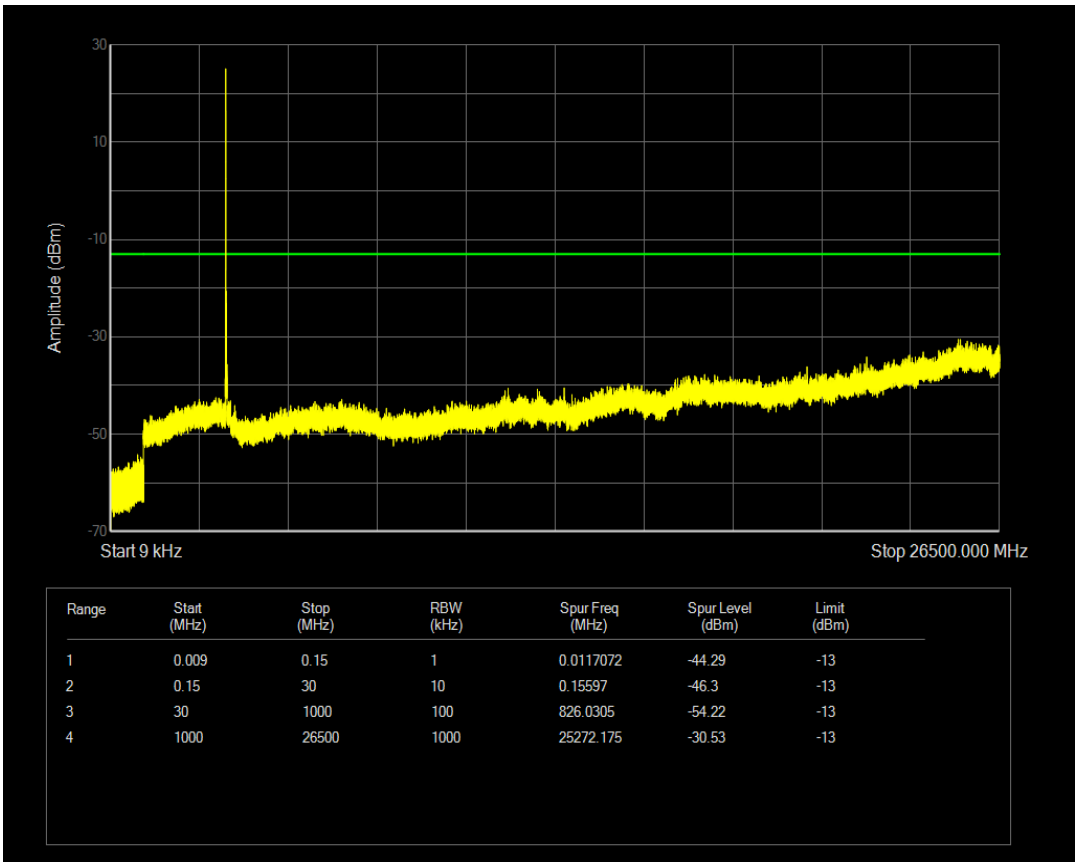
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010554525	-44.36	-13
2	0.15	30	10	0.1544775	-45.81	-13
3	30	1000	100	826.273	-54.02	-13
4	1000	26500	1000	25258.7875	-30.34	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=630500 RB=1@37



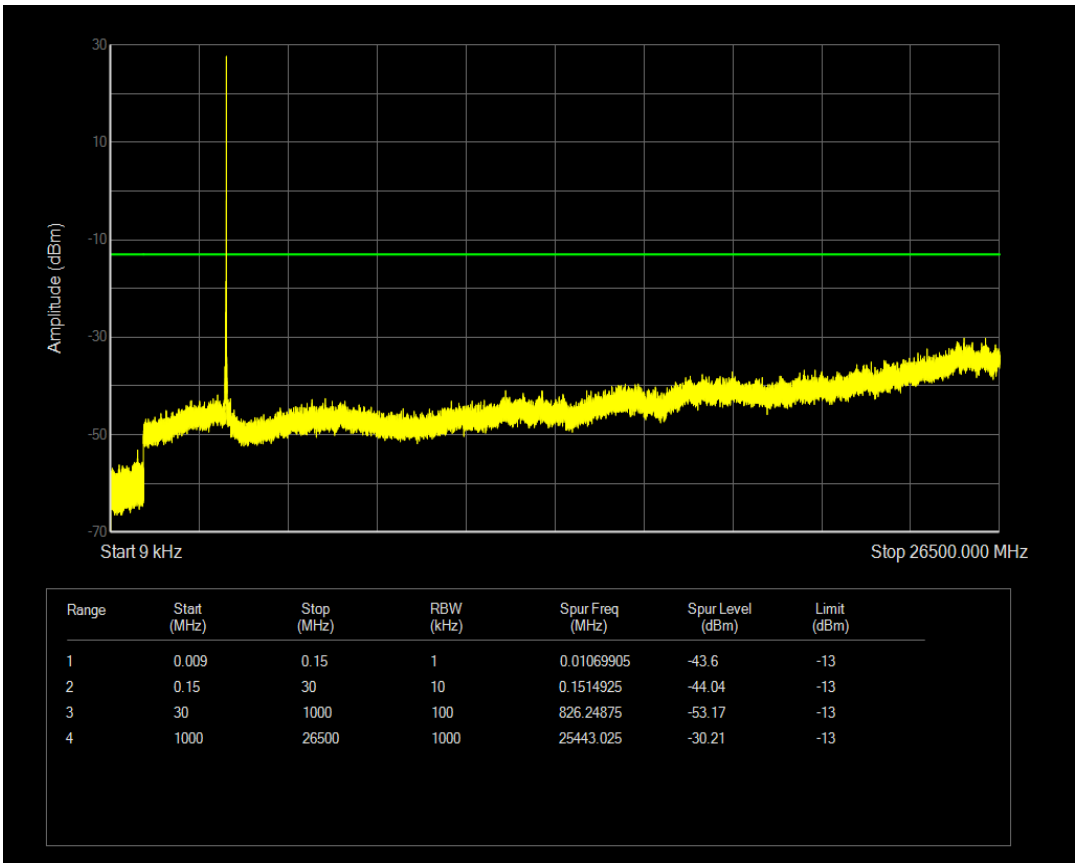
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093666	-43.58	-13
2	0.15	30	10	0.164925	-47.08	-13
3	30	1000	100	825.303	-53.1	-13
4	1000	26500	1000	25368.4375	-30.85	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=630668 RB=1@0



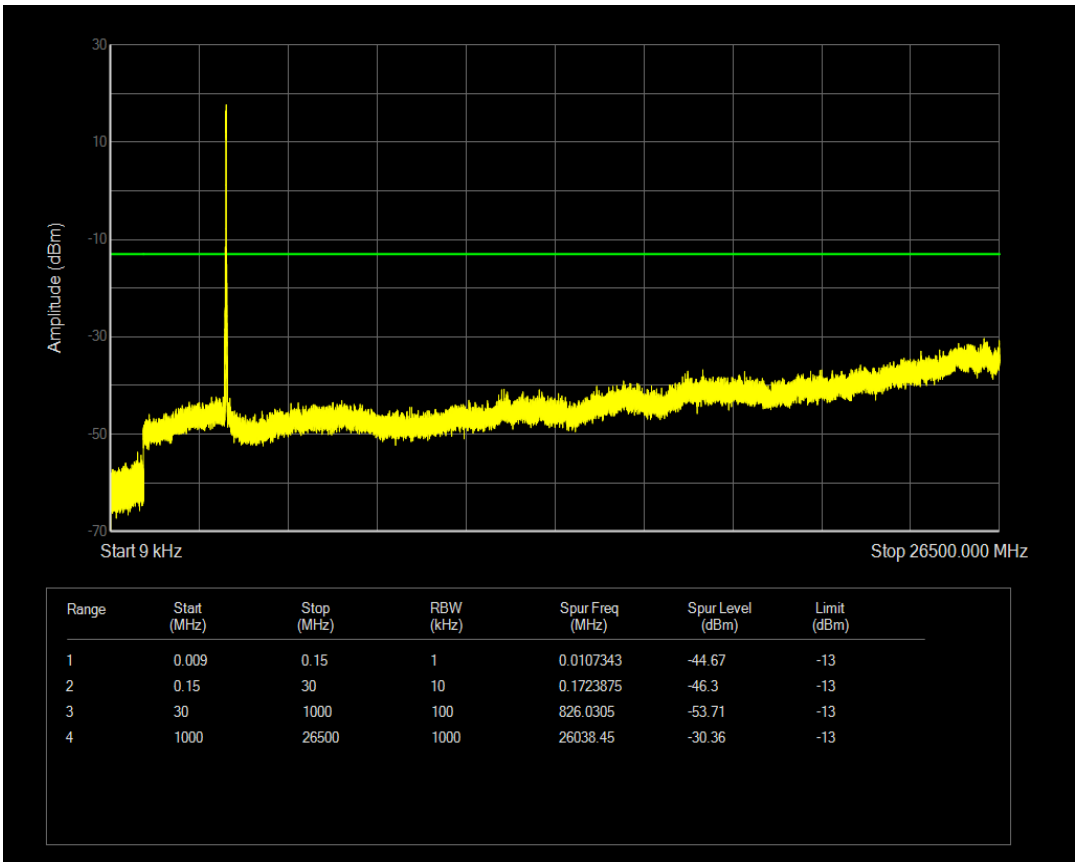
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0117072	-44.29	-13
2	0.15	30	10	0.15597	-46.3	-13
3	30	1000	100	826.0305	-54.22	-13
4	1000	26500	1000	25272.175	-30.53	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=630668 RB=1@50



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01069905	-43.6	-13
2	0.15	30	10	0.1514925	-44.04	-13
3	30	1000	100	826.24875	-53.17	-13
4	1000	26500	1000	25443.025	-30.21	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107343	-44.67	-13
2	0.15	30	10	0.1723875	-46.3	-13
3	30	1000	100	826.0305	-53.71	-13
4	1000	26500	1000	26038.45	-30.36	-13

n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=636166 RB=38@0