

n78(3700-3800) SCS=30kHz DFT BPSK BW=40MHz Channel=652000 RB=100@0



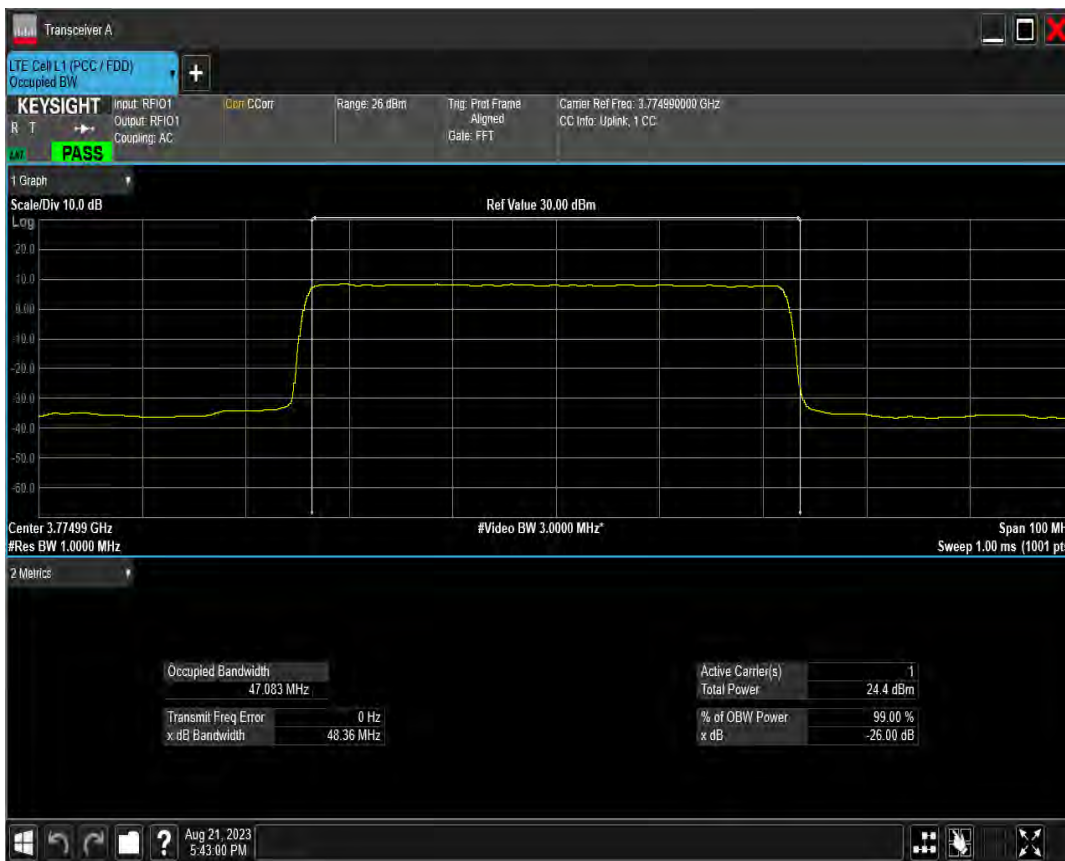
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=648334 RB=128@0



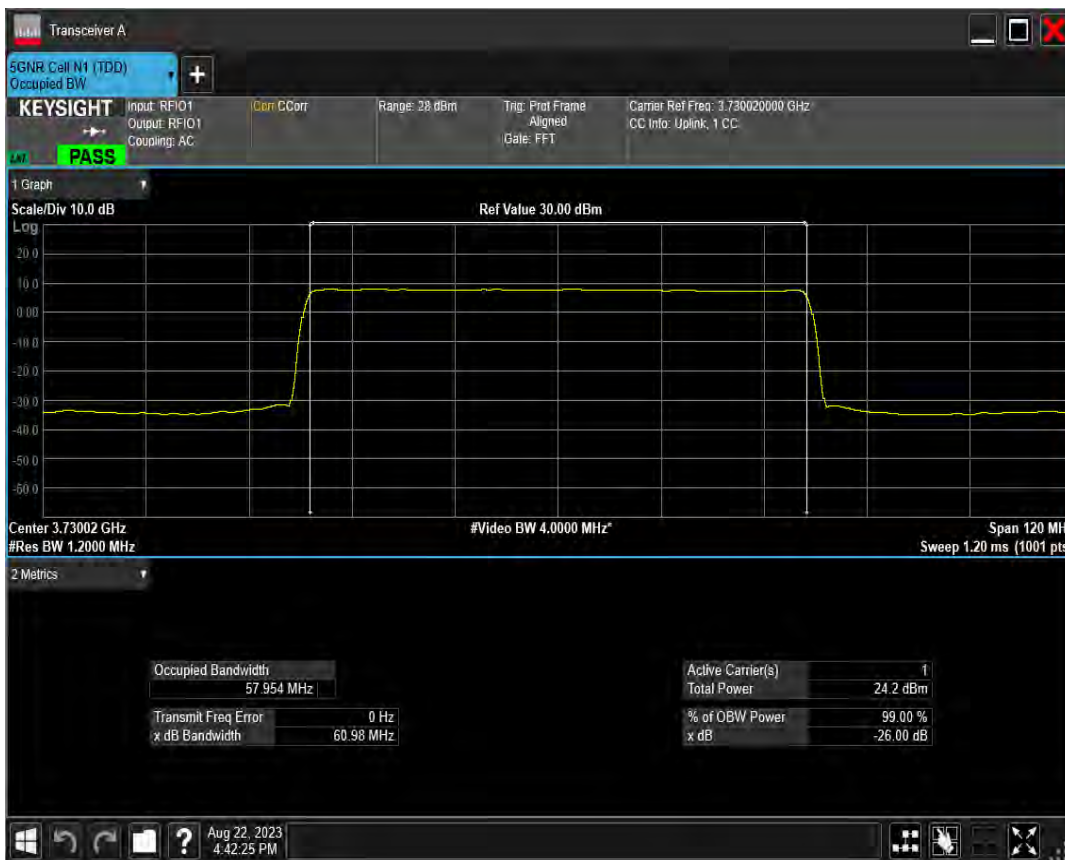
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=650000 RB=128@0



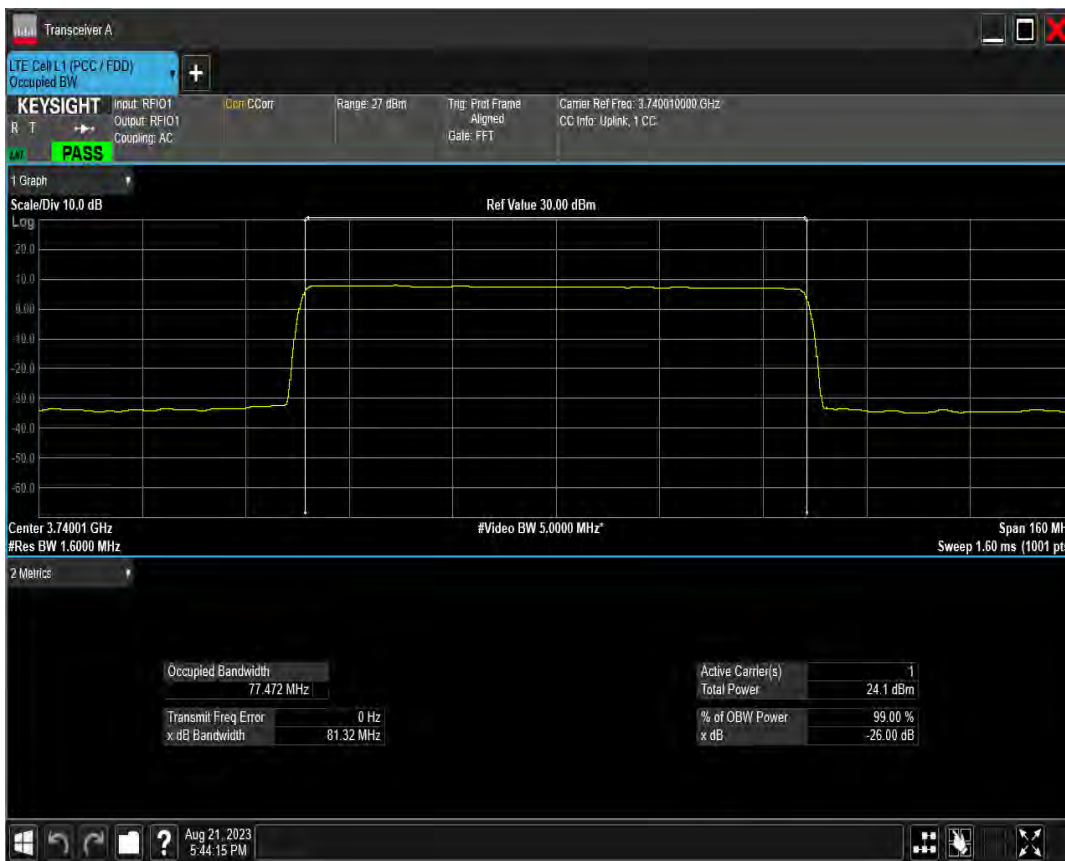
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz DFT BPSK BW=60MHz Channel=648668 RB=162@0



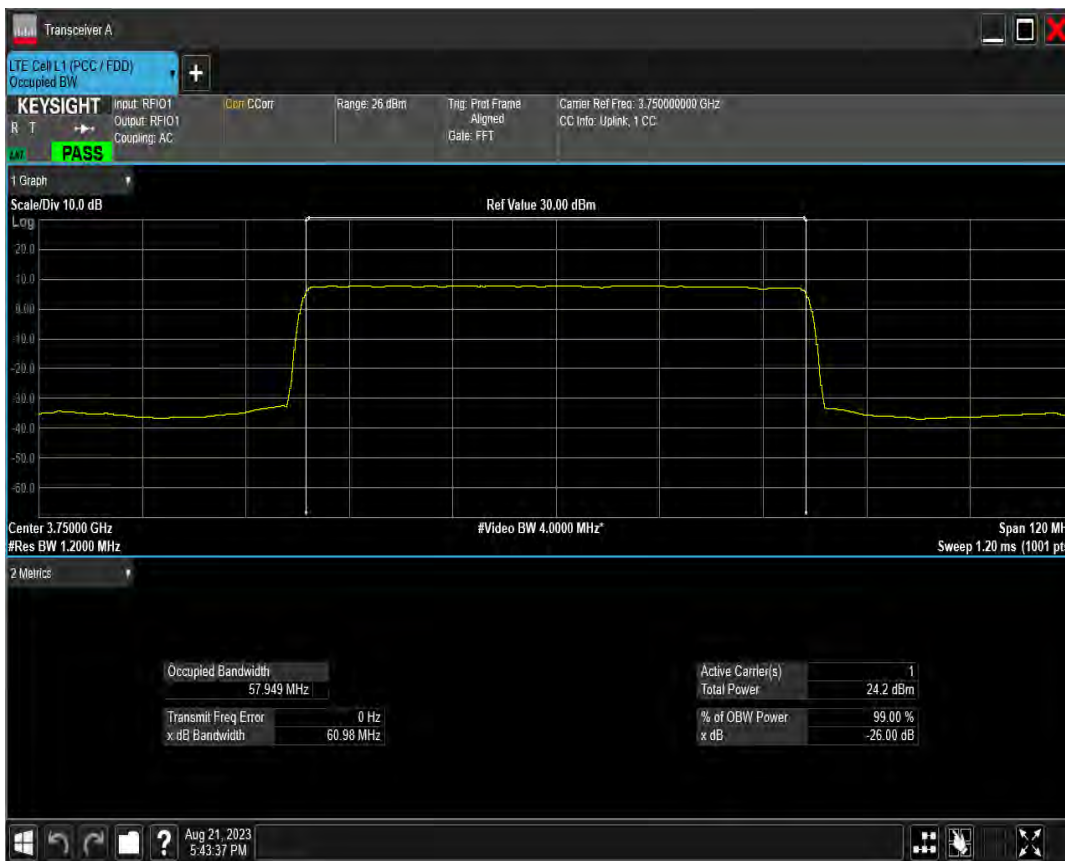
n78(3700-3800) SCS=30kHz DFT BPSK BW=80MHz Channel=649334 RB=216@0



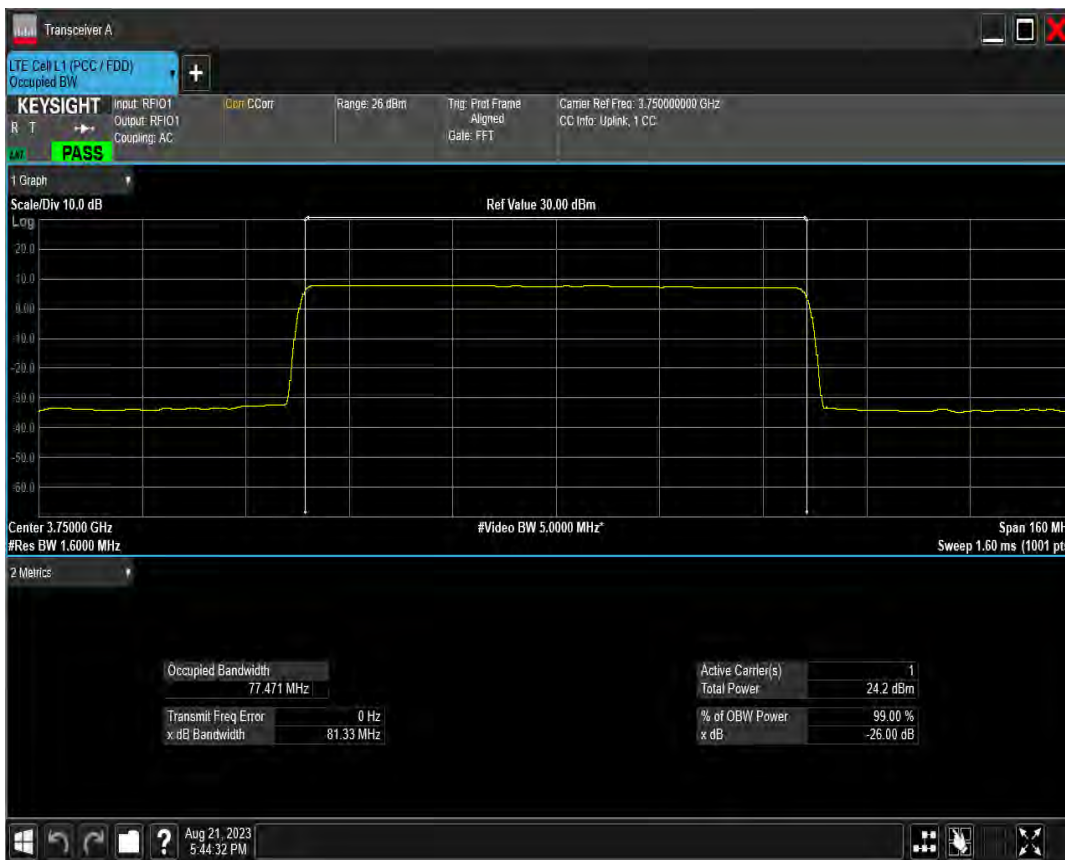
n78(3700-3800) SCS=30kHz DFT BPSK BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz DFT BPSK BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT BPSK BW=80MHz Channel=650000 RB=216@0



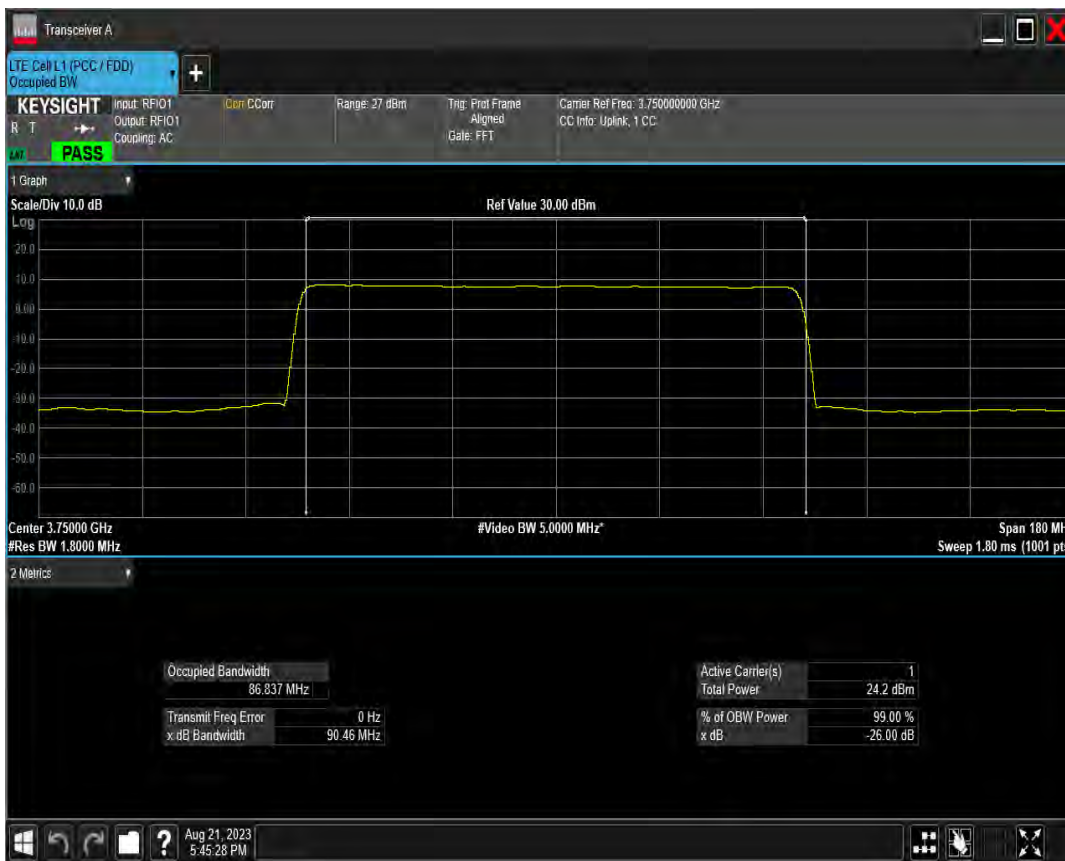
n78(3700-3800) SCS=30kHz DFT BPSK BW=80MHz Channel=650666 RB=216@0



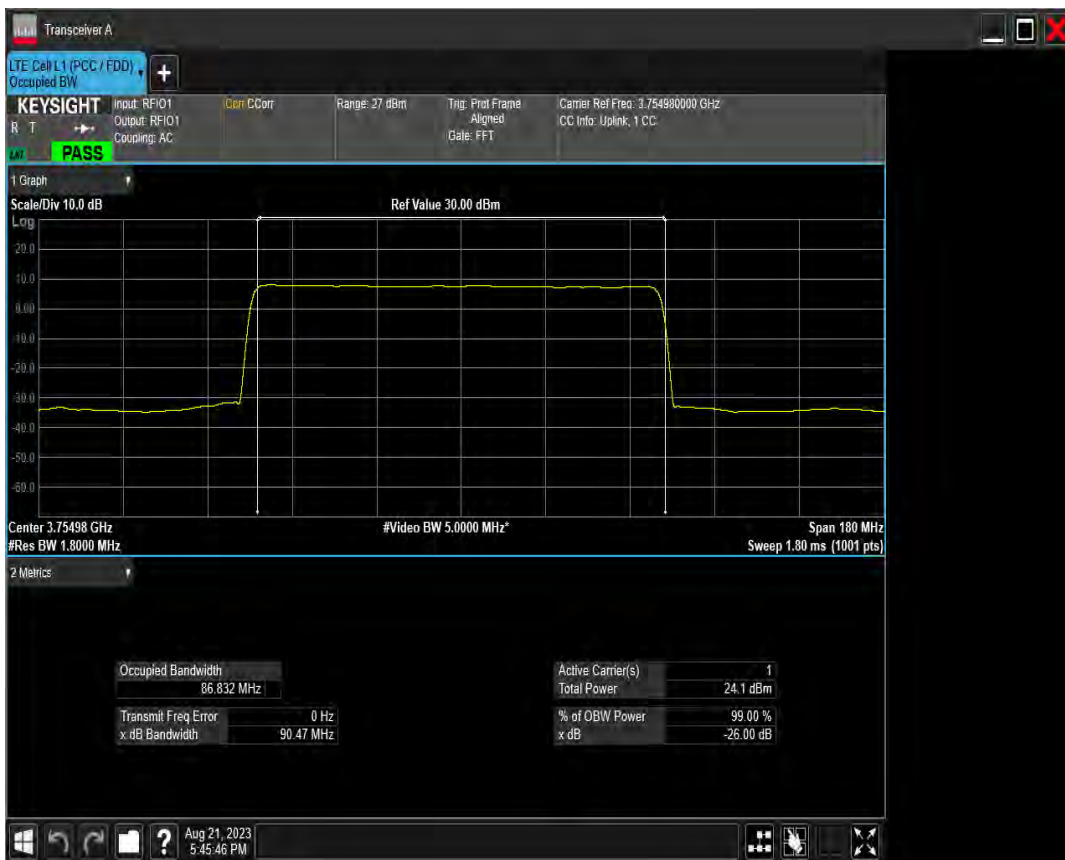
n78(3700-3800) SCS=30kHz DFT BPSK BW=90MHz Channel=649668 RB=240@0



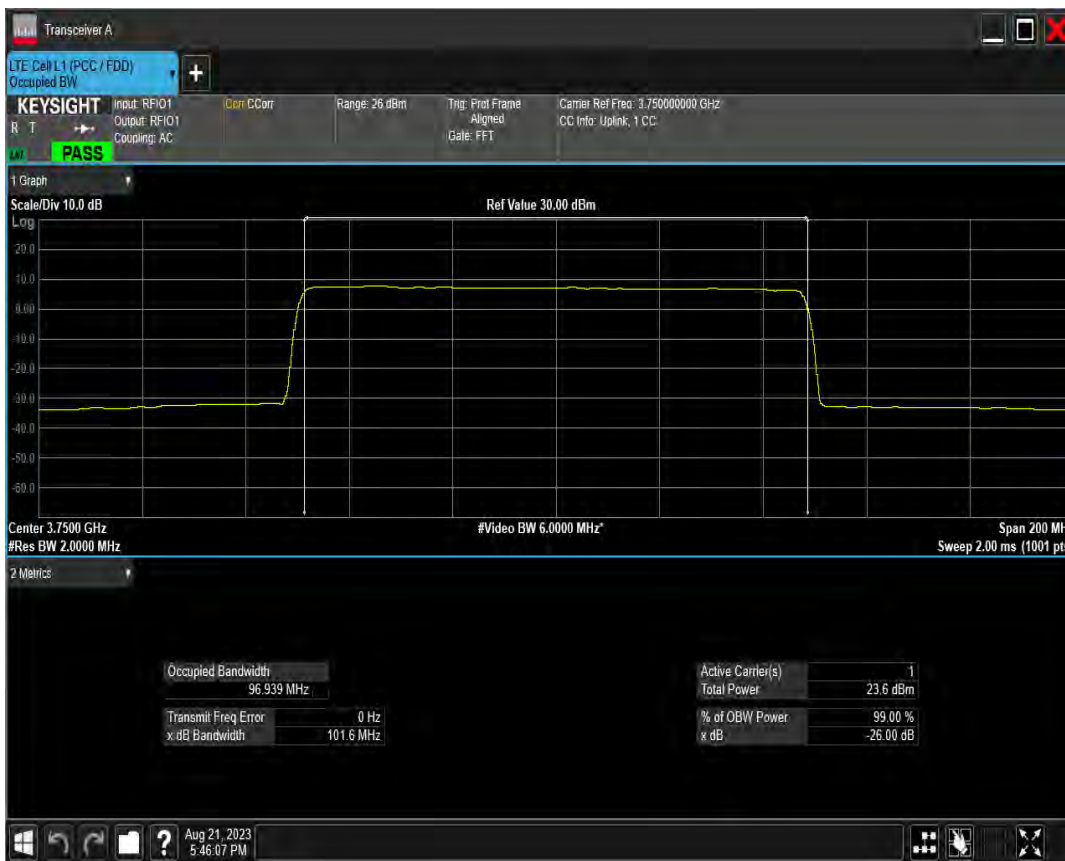
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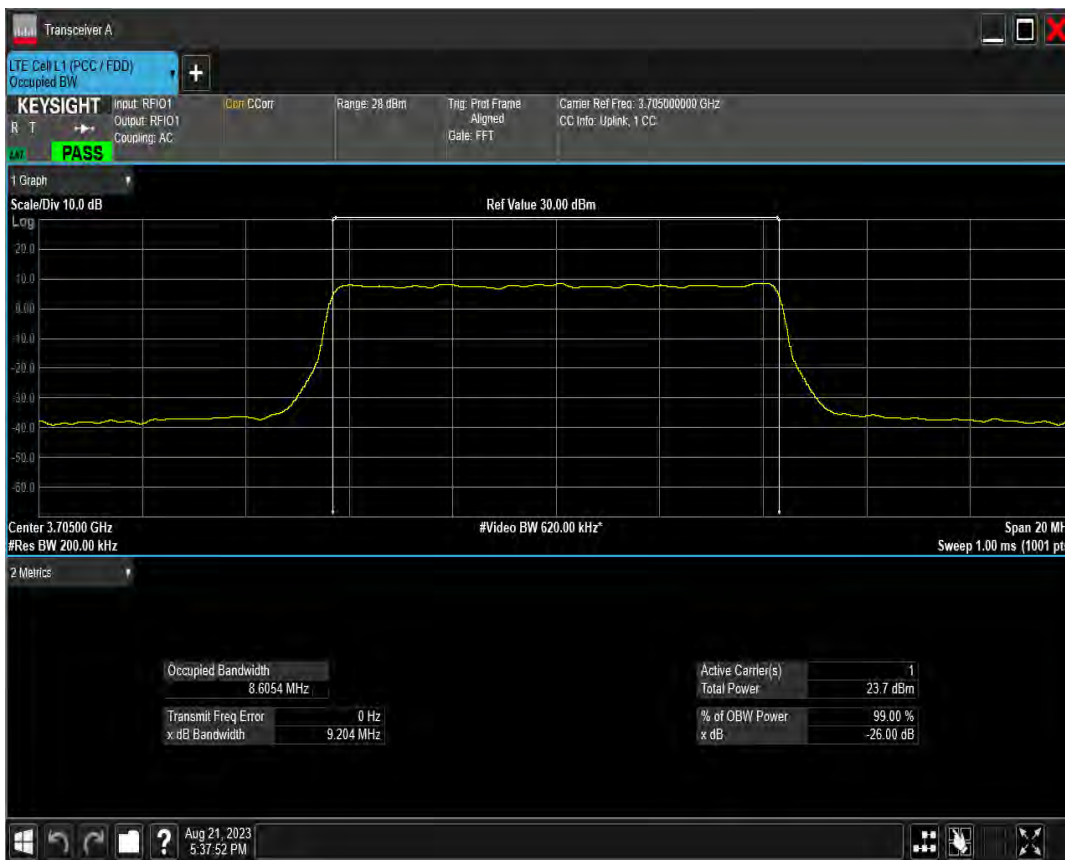
n78(3700-3800) SCS=30kHz DFT BPSK BW=90MHz Channel=650332 RB=240@0



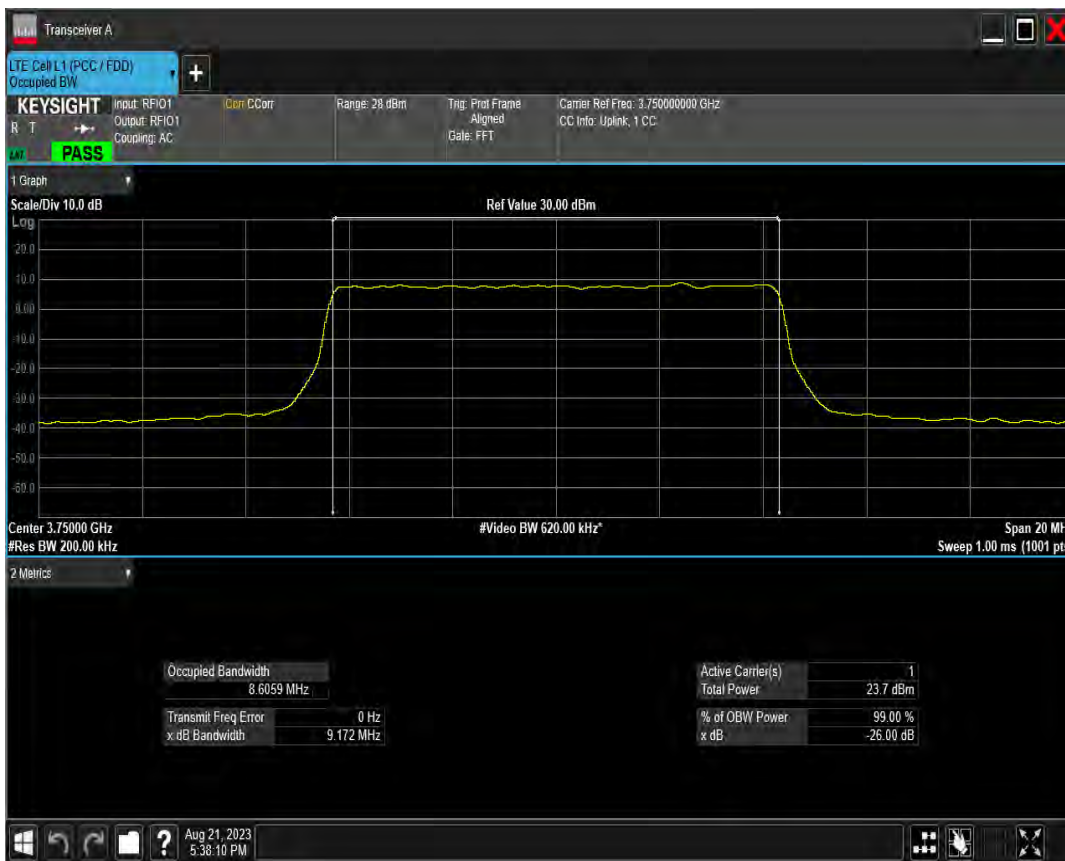
n78(3700-3800) SCS=30kHz DFT QPSK BW=100MHz Channel=650000 RB=270@0



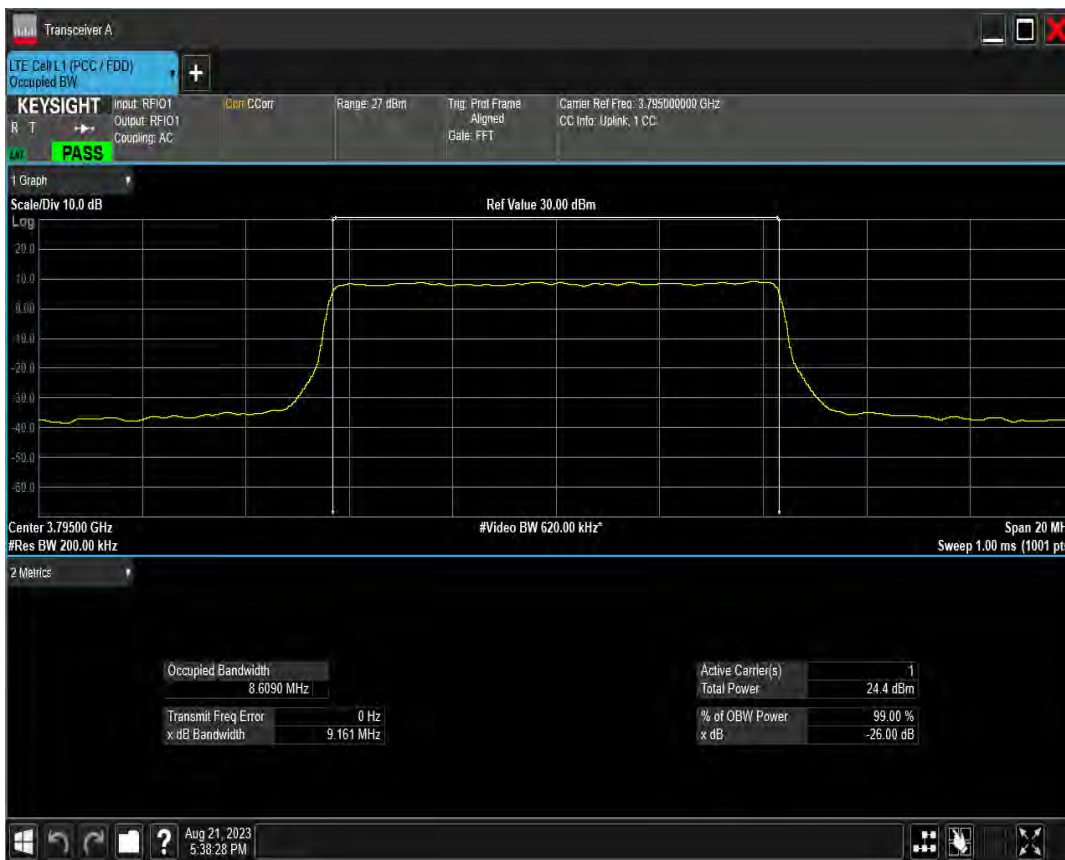
n78(3700-3800) SCS=30kHz DFT QPSK BW=10MHz Channel=647000 RB=24@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=10MHz Channel=650000 RB=24@0



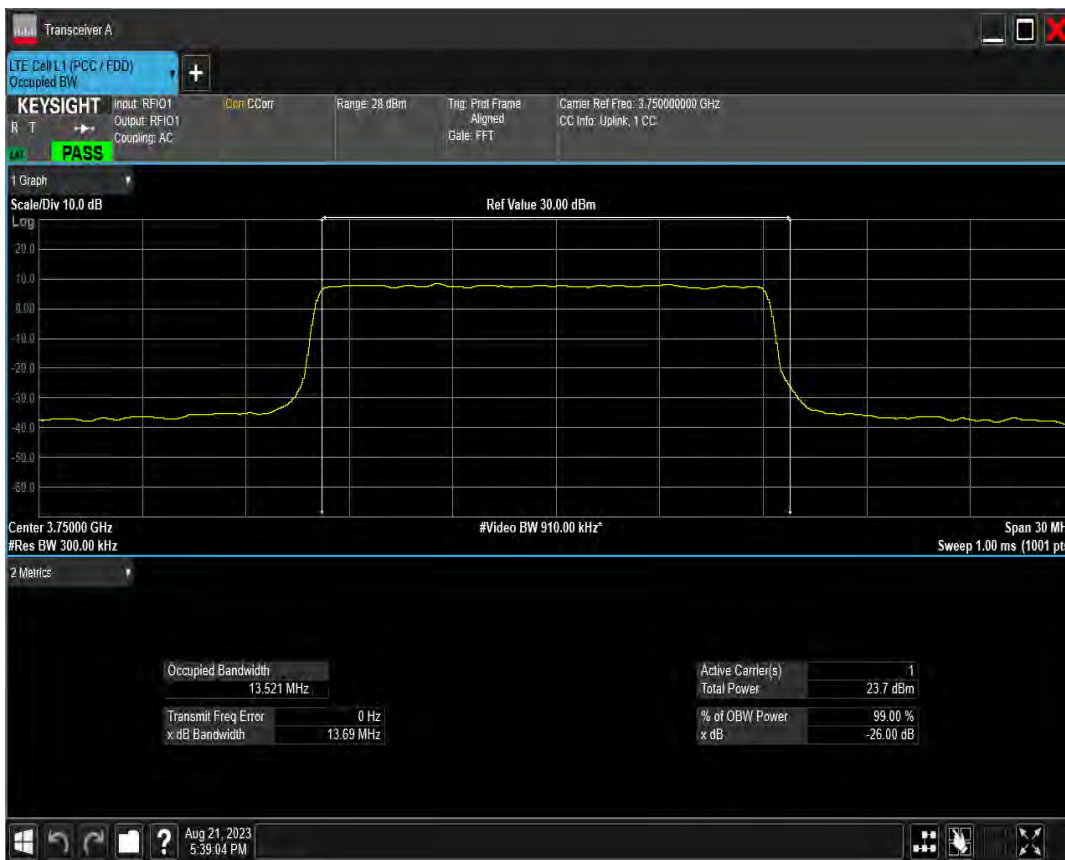
n78(3700-3800) SCS=30kHz DFT QPSK BW=10MHz Channel=653000 RB=24@0



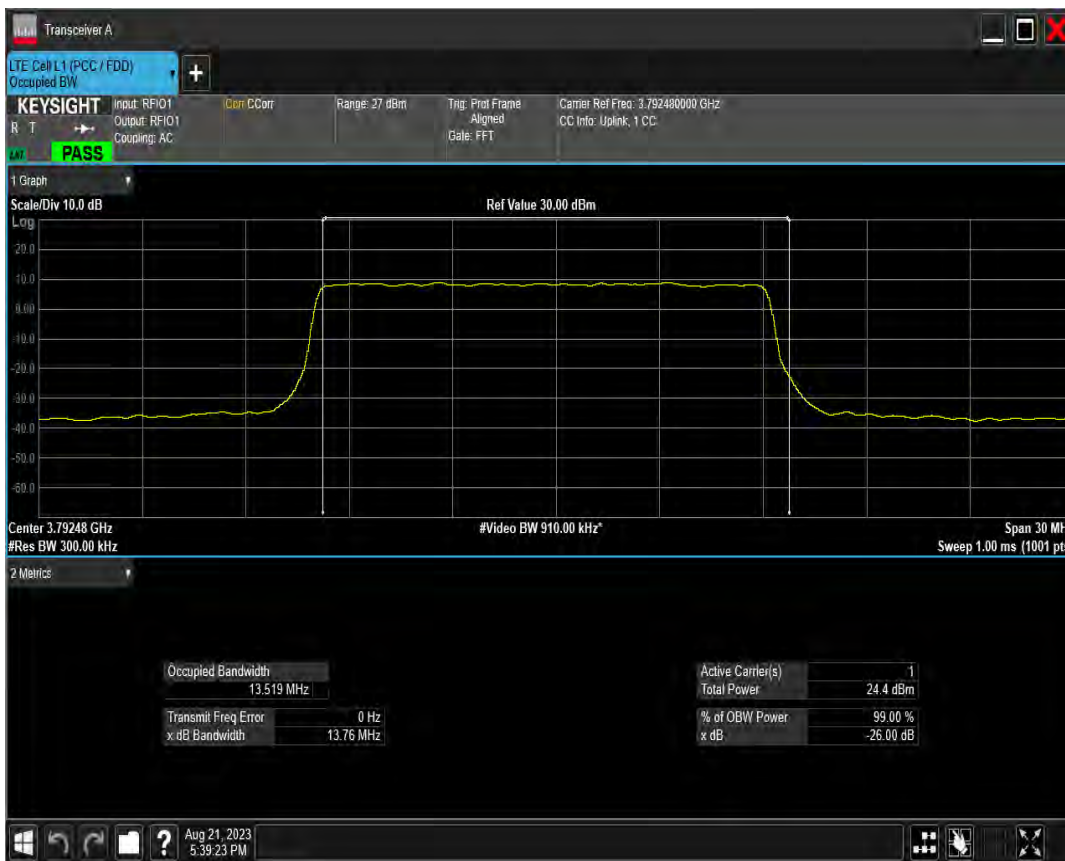
n78(3700-3800) SCS=30kHz DFT QPSK BW=15MHz Channel=647168 RB=36@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=15MHz Channel=650000 RB=36@0



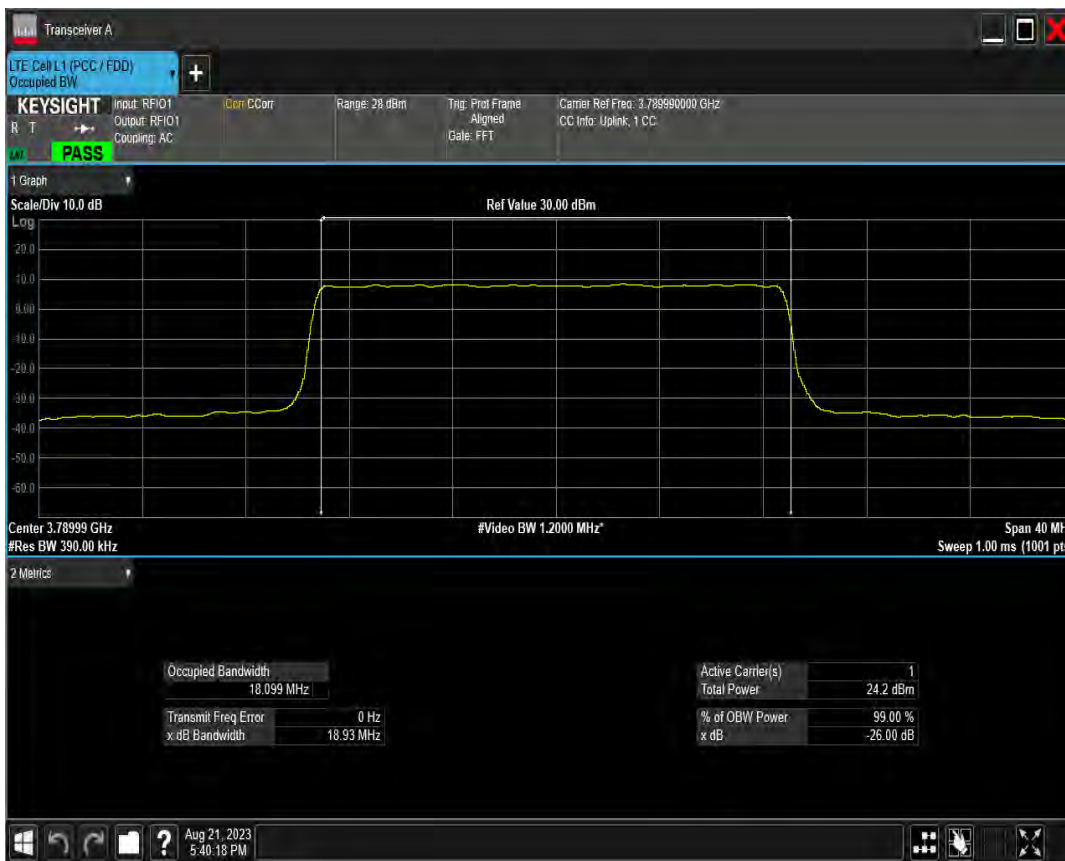
n78(3700-3800) SCS=30kHz DFT QPSK BW=15MHz Channel=652832 RB=36@0



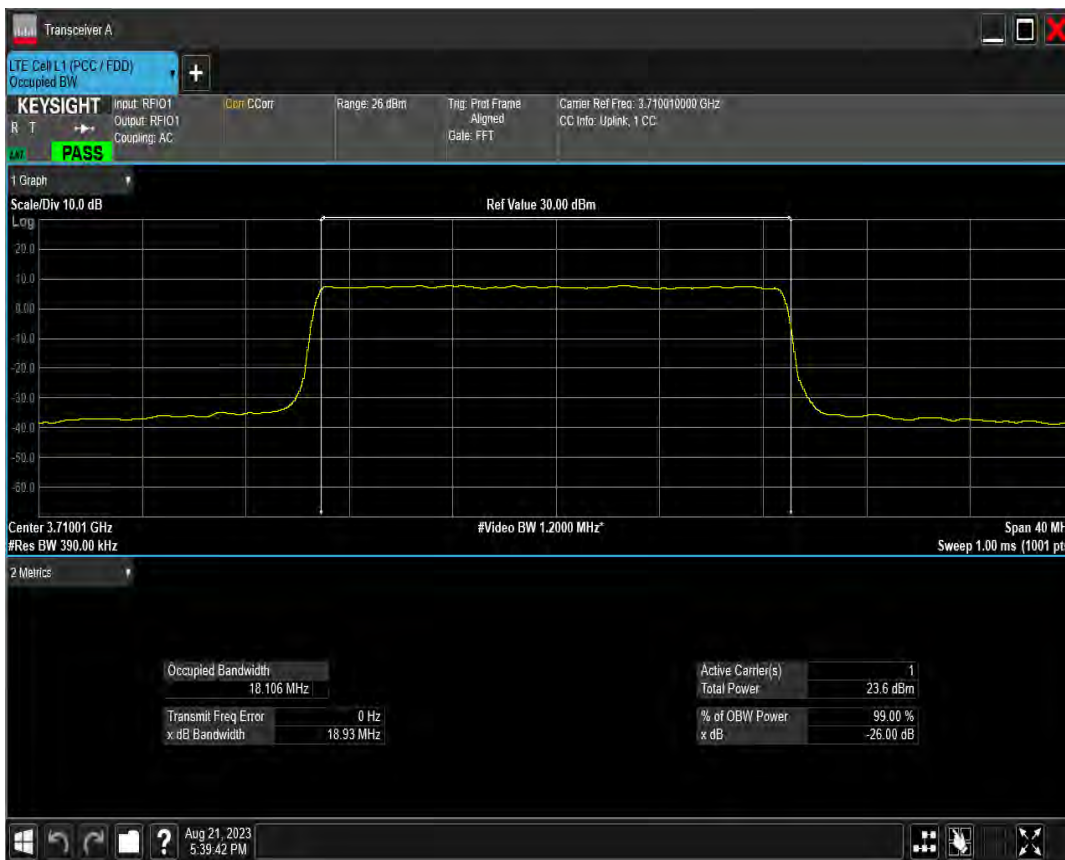
n78(3700-3800) SCS=30kHz DFT QPSK BW=20MHz Channel=650000 RB=50@0



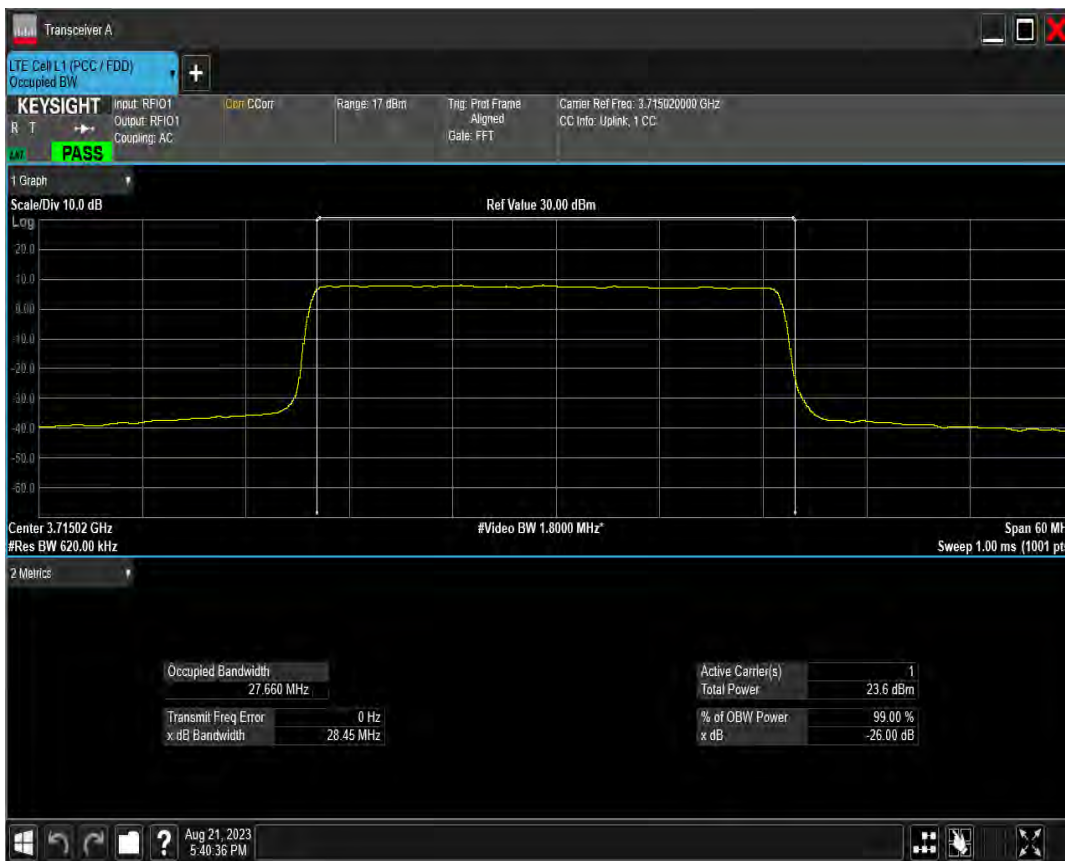
n78(3700-3800) SCS=30kHz DFT QPSK BW=20MHz Channel=652666 RB=50@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=20MHz Channel=647334 RB=50@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=30MHz Channel=647668 RB=75@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=30MHz Channel=650000 RB=75@0



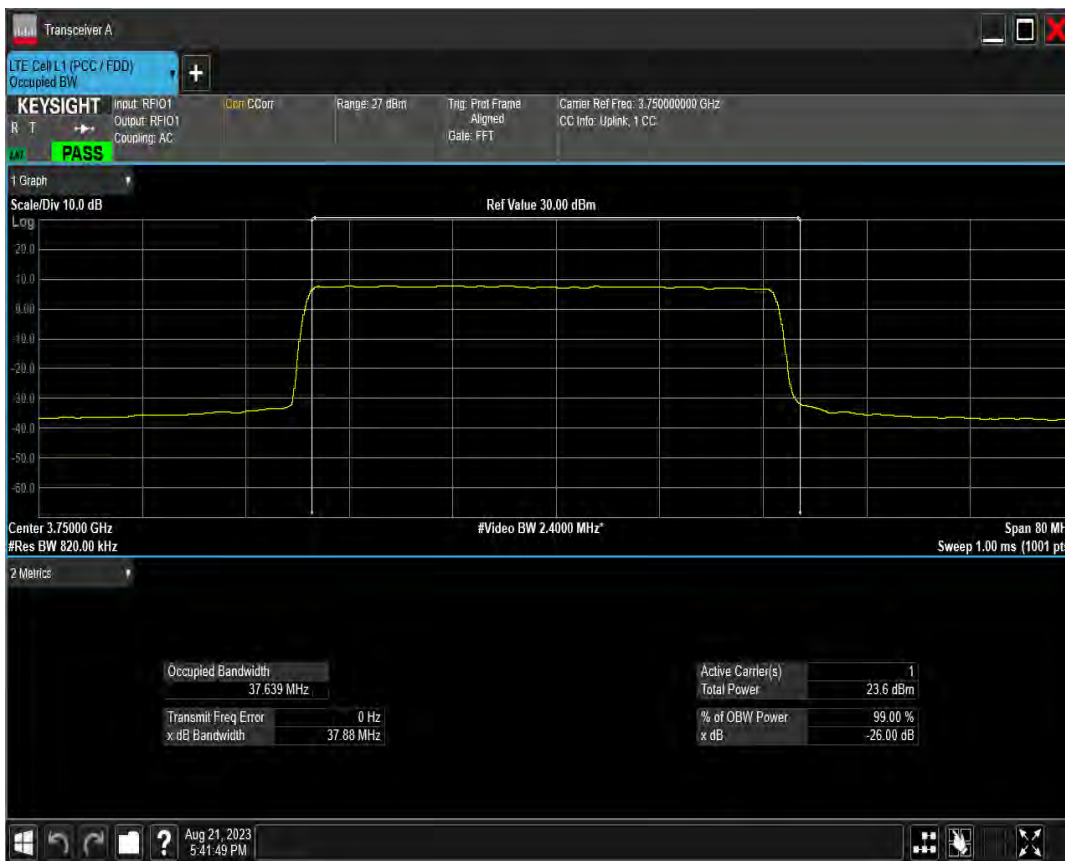
n78(3700-3800) SCS=30kHz DFT QPSK BW=30MHz Channel=652332 RB=75@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=40MHz Channel=648000 RB=100@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=40MHz Channel=650000 RB=100@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=40MHz Channel=652000 RB=100@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=648334 RB=128@0



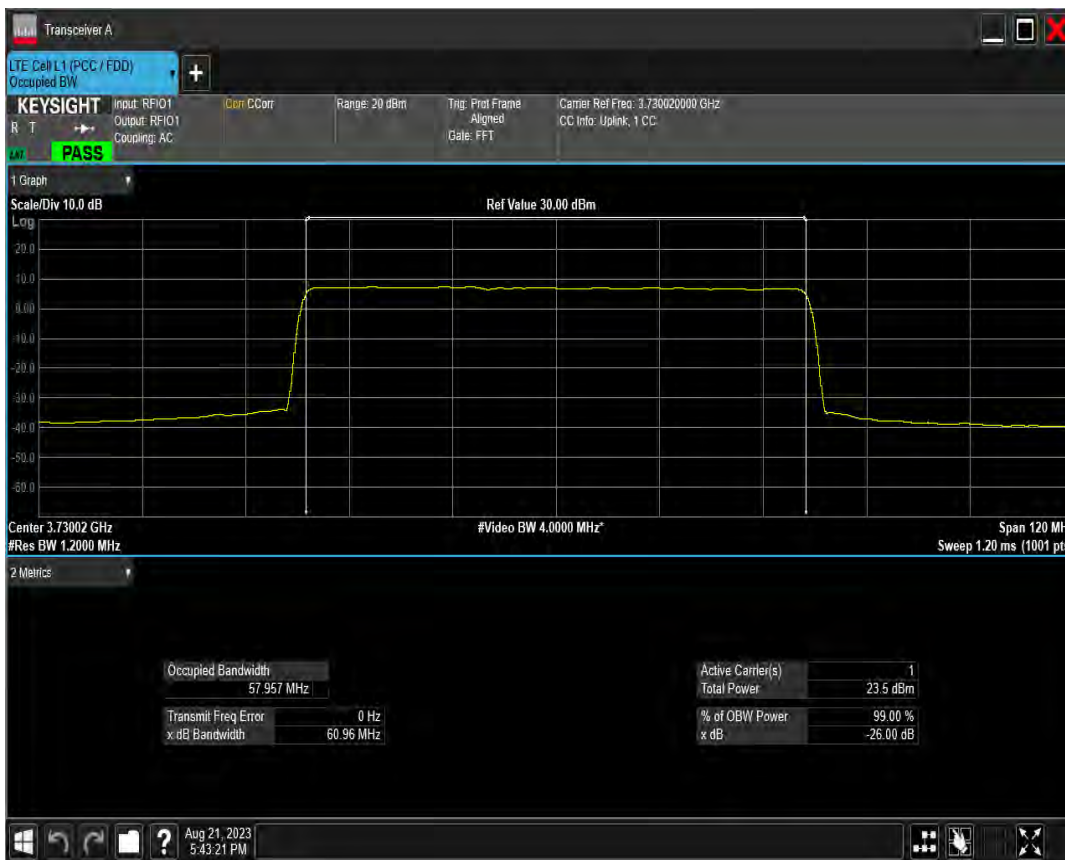
n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=650000 RB=128@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=60MHz Channel=648668 RB=162@0



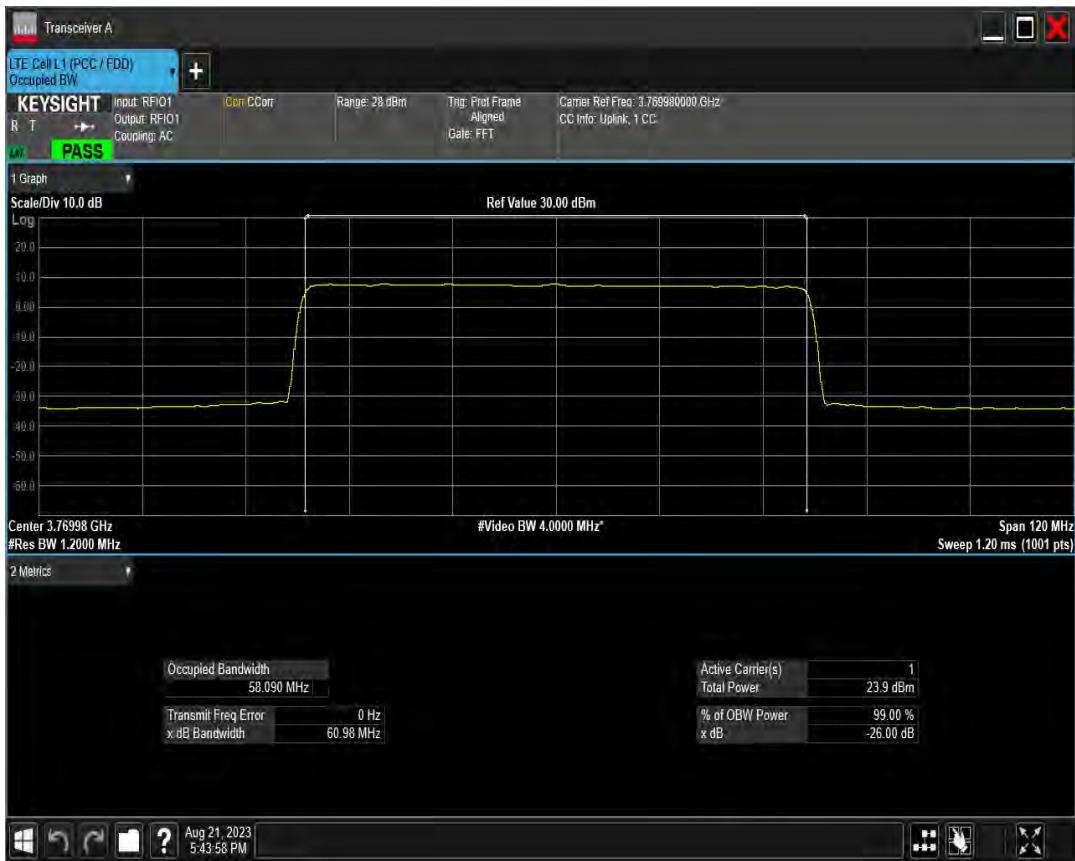
n78(3700-3800) SCS=30kHz DFT QPSK BW=80MHz Channel=650000 RB=216@0



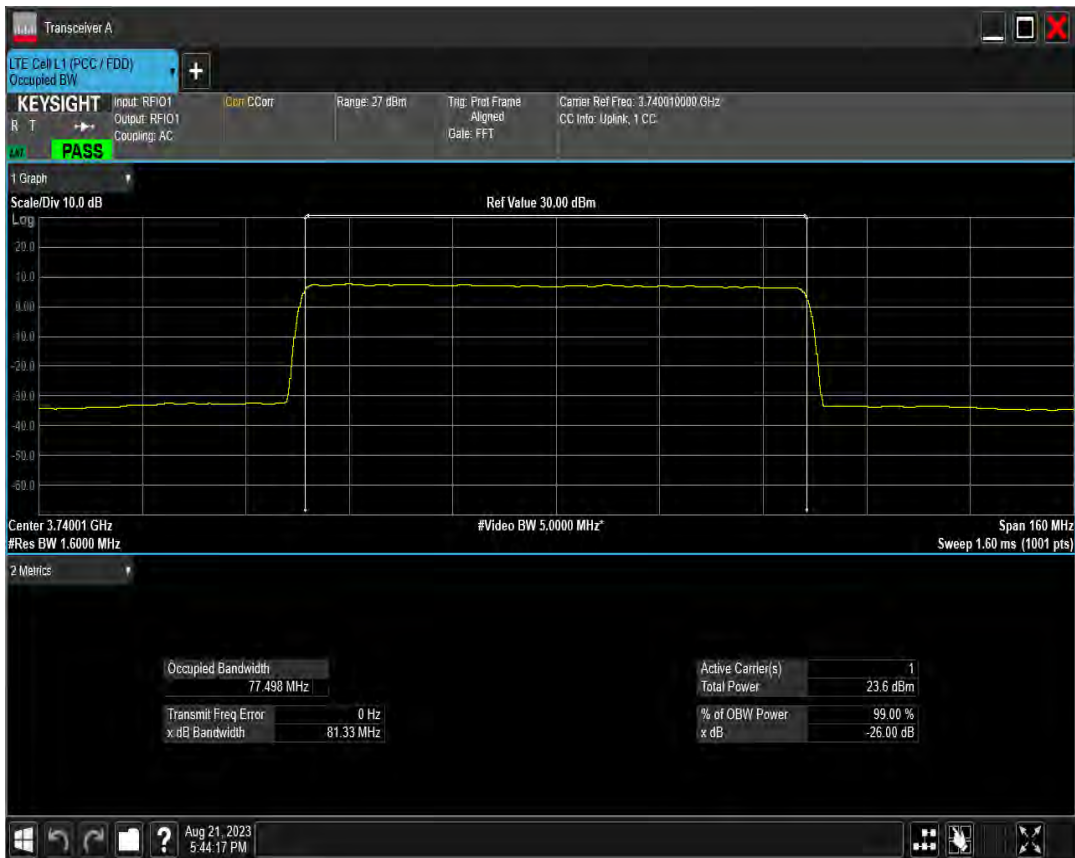
n78(3700-3800) SCS=30kHz DFT QPSK BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=80MHz Channel=649334 RB=216@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=90MHz Channel=649668 RB=240@0



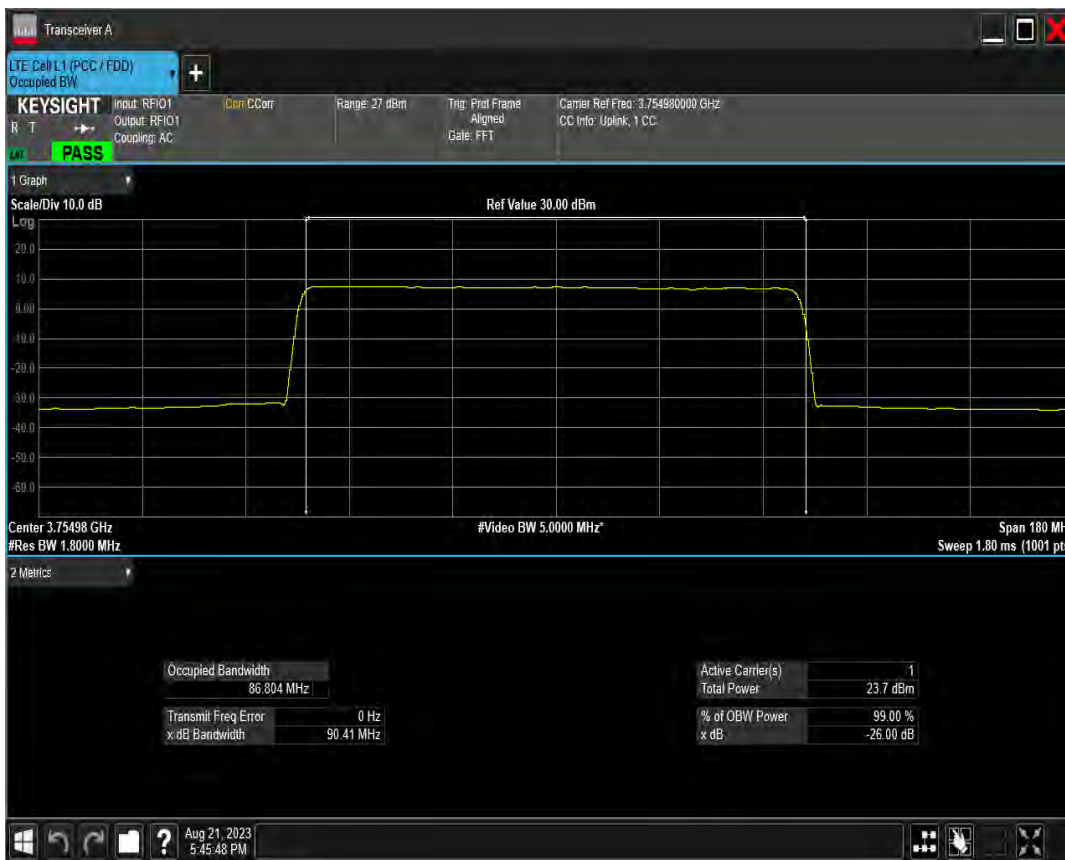
n78(3700-3800) SCS=30kHz DFT QPSK BW=90MHz Channel=650000 RB=240@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=80MHz Channel=650666 RB=216@0



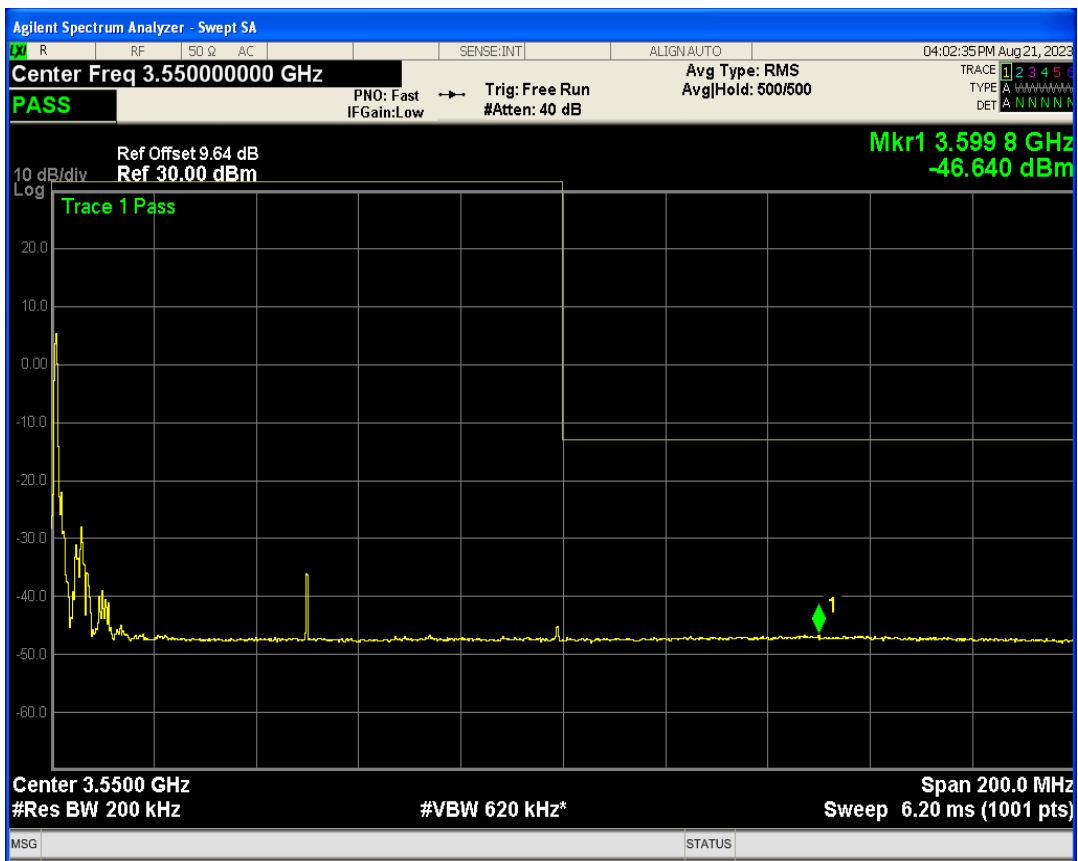
n78(3700-3800) SCS=30kHz DFT QPSK BW=90MHz Channel=650332 RB=240@0



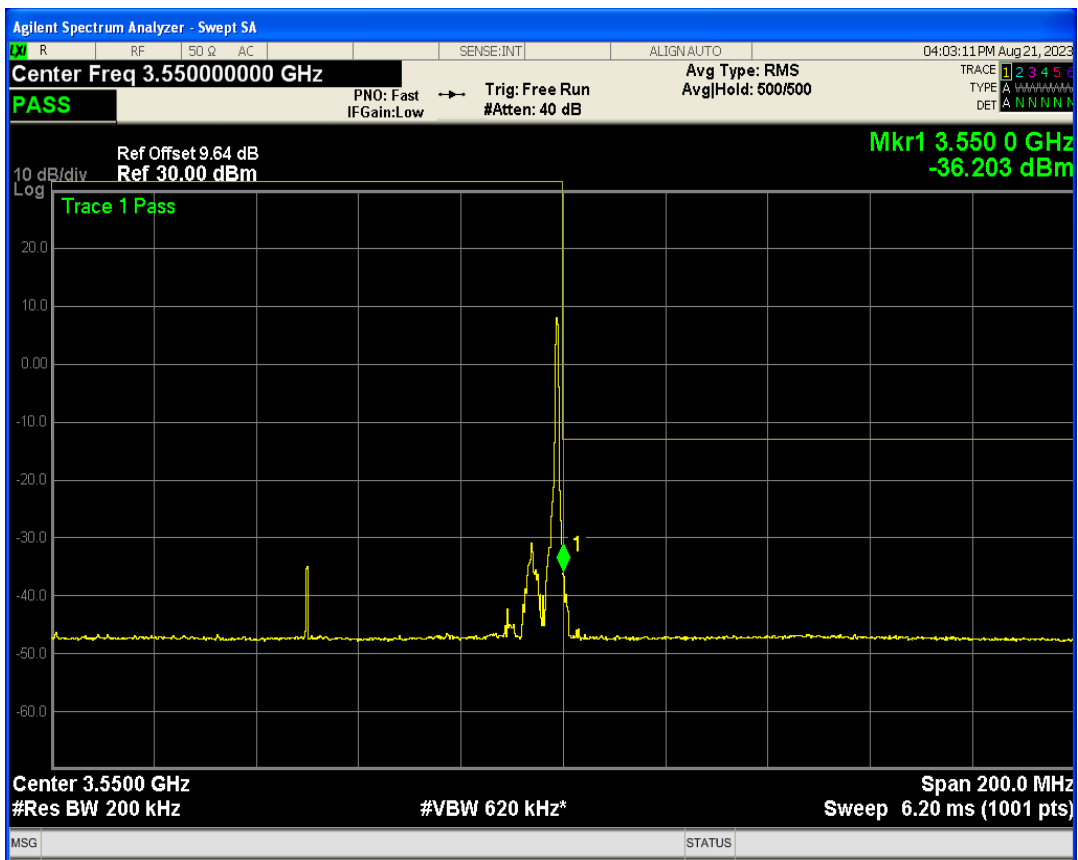
5 Band edge for NR FR1

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	CP QPSK	3449.74	-40.95	-13	PASS
n78(3450-3550)	30	10	630334	1@0	CP QPSK	3449.92	-29.70	-13	PASS
n78(3450-3550)	30	10	630334	1@23	CP QPSK	3449.60	-45.89	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP QPSK	3550.00	-42.13	-13	PASS
n78(3450-3550)	30	10	636332	1@0	CP QPSK	3553.10	-46.51	-13	PASS
n78(3450-3550)	30	10	636332	1@23	CP QPSK	3550.10	-33.84	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP QPSK	3450.00	-38.78	-13	PASS
n78(3450-3550)	30	50	631668	1@0	CP QPSK	3450.00	-30.36	-13	PASS
n78(3450-3550)	30	50	631668	1@132	CP QPSK	3439.40	-47.14	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP QPSK	3551.40	-41.16	-13	PASS
n78(3450-3550)	30	50	635000	1@0	CP QPSK	3596.60	-46.69	-13	PASS
n78(3450-3550)	30	50	635000	1@132	CP QPSK	3550.10	-32.28	-13	PASS
n78(3450-3550)	30	100	633334	273@0	CP QPSK	3450.00	-28.88	-13	PASS
n78(3450-3550)	30	100	633334	1@0	CP QPSK	3450.00	-27.89	-13	PASS
n78(3450-3550)	30	100	633334	1@272	CP QPSK	3439.40	-46.81	-13	PASS
n78(3450-3550)	30	100	633332	273@0	CP QPSK	3550.00	-24.94	-13	PASS
n78(3450-3550)	30	100	633332	1@0	CP QPSK	3599.80	-46.63	-13	PASS
n78(3450-3550)	30	100	633332	1@272	CP QPSK	3550.00	-36.20	-13	PASS
n78(3700-3800)	30	10	647000	24@0	CP QPSK	3699.96	-43.21	-13	PASS
n78(3700-3800)	30	10	647000	1@0	CP QPSK	3699.86	-35.01	-13	PASS
n78(3700-3800)	30	10	647000	1@23	CP QPSK	3699.96	-47.15	-13	PASS
n78(3700-3800)	30	10	653000	24@0	CP QPSK	3800.38	-43.09	-13	PASS
n78(3700-3800)	30	10	653000	1@0	CP QPSK	3800.18	-46.40	-13	PASS
n78(3700-3800)	30	10	653000	1@23	CP QPSK	3800.14	-29.84	-13	PASS
n78(3700-3800)	30	50	648334	133@0	CP QPSK	3700.00	-37.98	-13	PASS
n78(3700-3800)	30	50	648334	1@0	CP QPSK	3700.00	-35.76	-13	PASS
n78(3700-3800)	30	50	648334	1@132	CP QPSK	3653.50	-47.19	-13	PASS
n78(3700-3800)	30	50	651666	133@0	CP QPSK	3800.00	-36.43	-13	PASS
n78(3700-3800)	30	50	651666	1@0	CP QPSK	3847.50	-47.57	-13	PASS
n78(3700-3800)	30	50	651666	1@132	CP QPSK	3800.20	-33.18	-13	PASS
n78(3700-3800)	30	100	650000	273@0	CP QPSK	3700.00	-26.07	-13	PASS
n78(3700-3800)	30	100	650000	1@0	CP QPSK	3700.00	-31.20	-13	PASS
n78(3700-3800)	30	100	650000	1@272	CP QPSK	3601.60	-46.66	-13	PASS

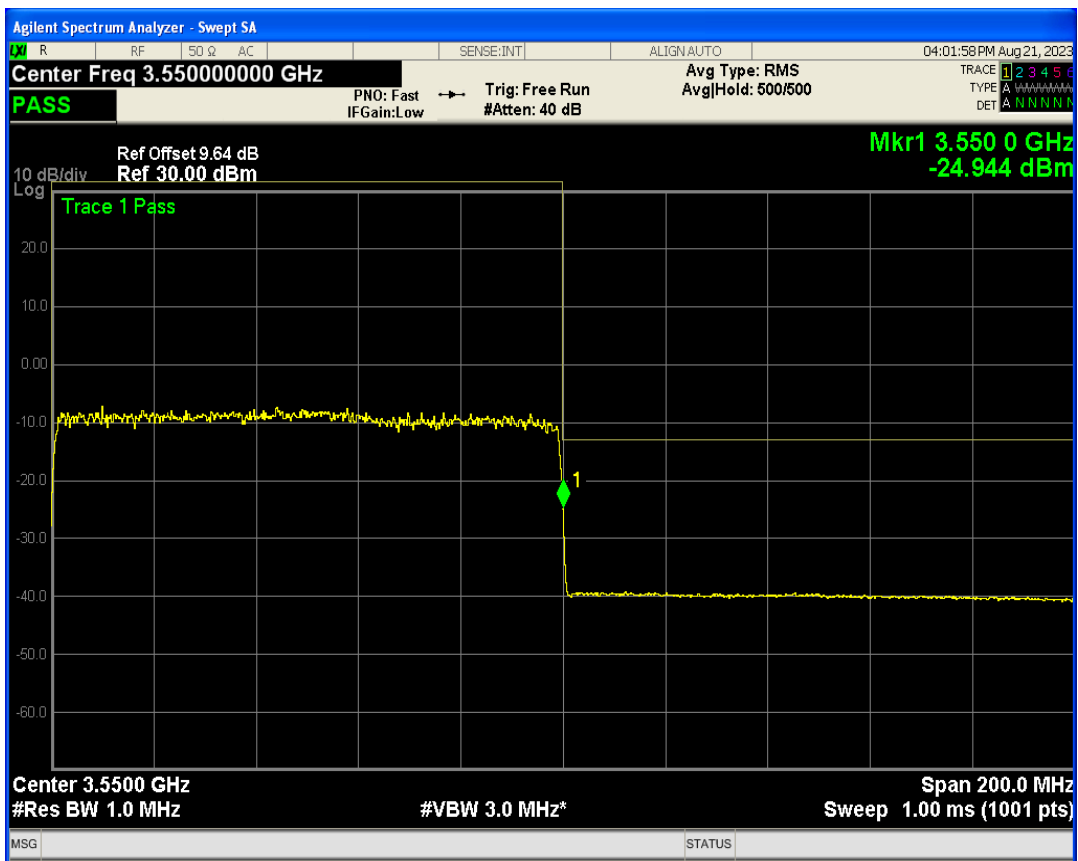
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@0



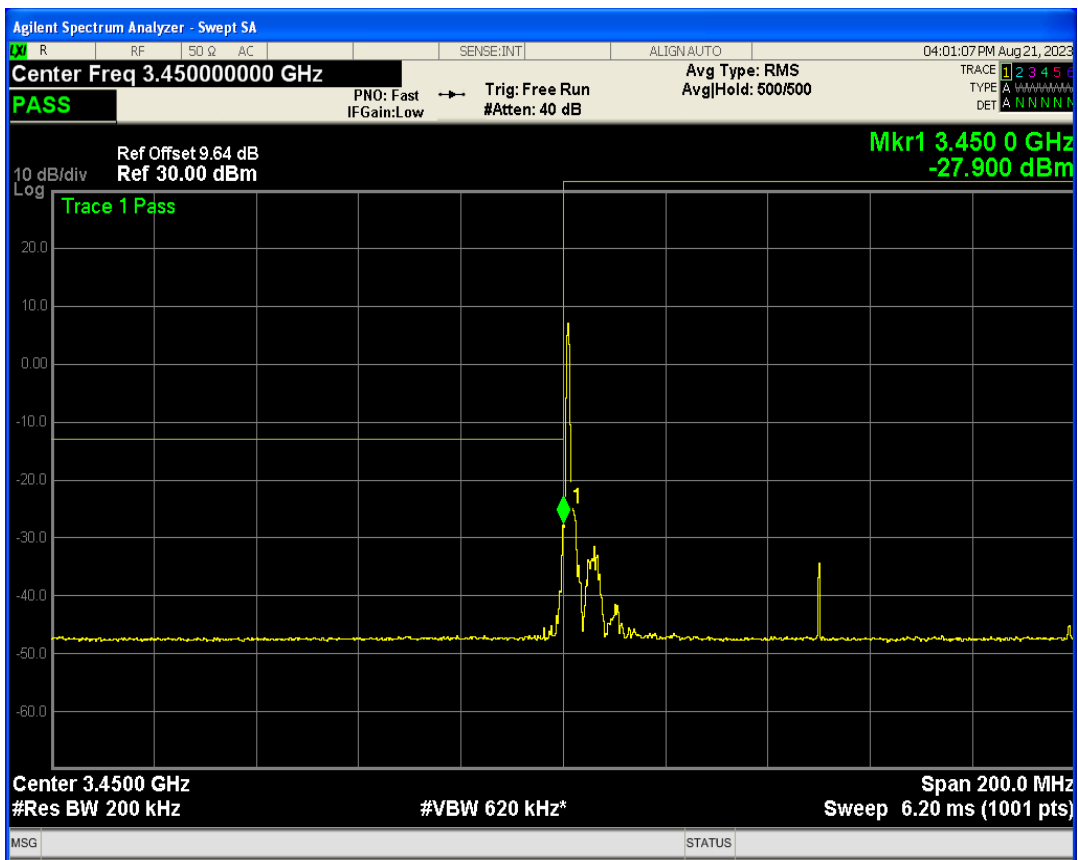
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@272



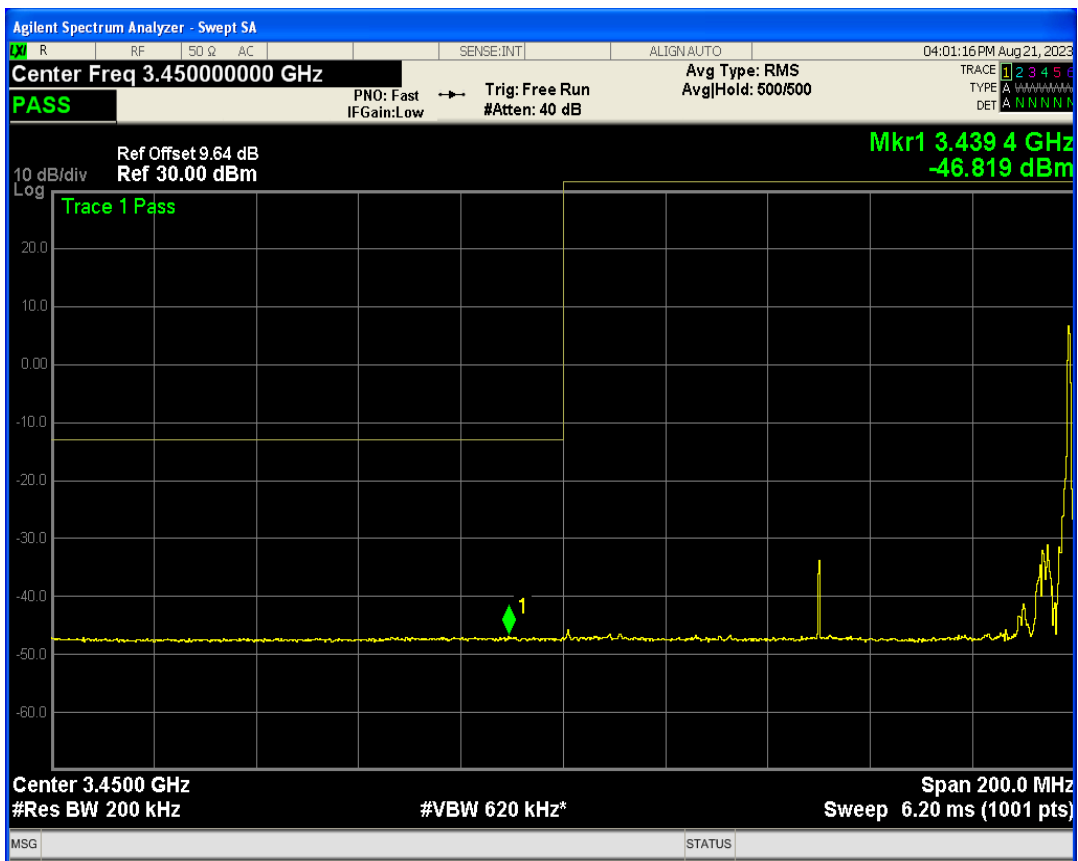
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=273@0



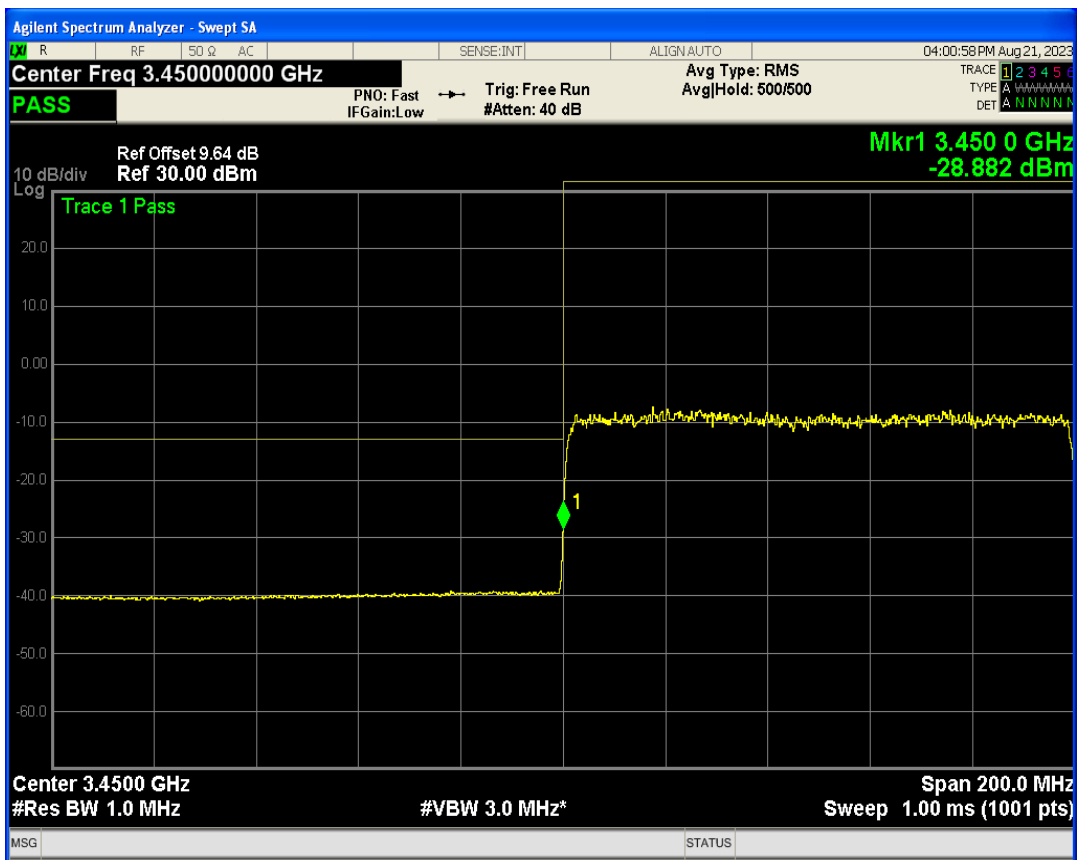
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=1@0



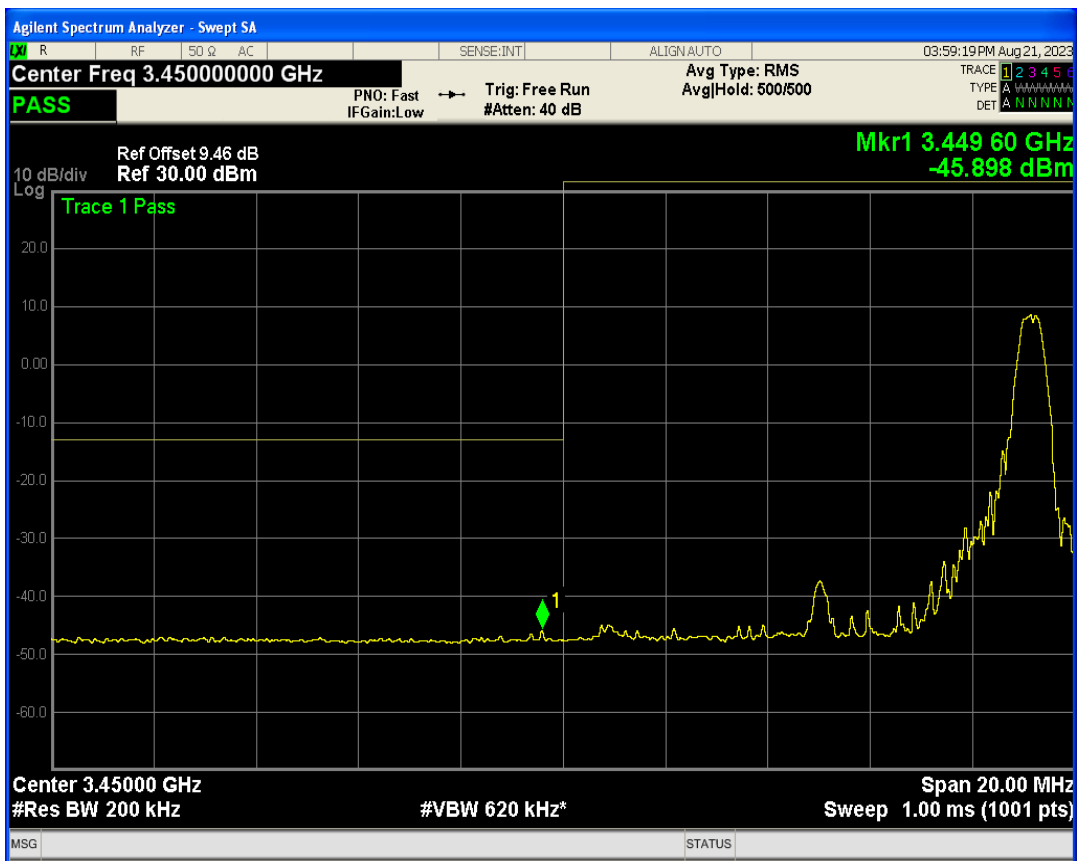
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=1@272



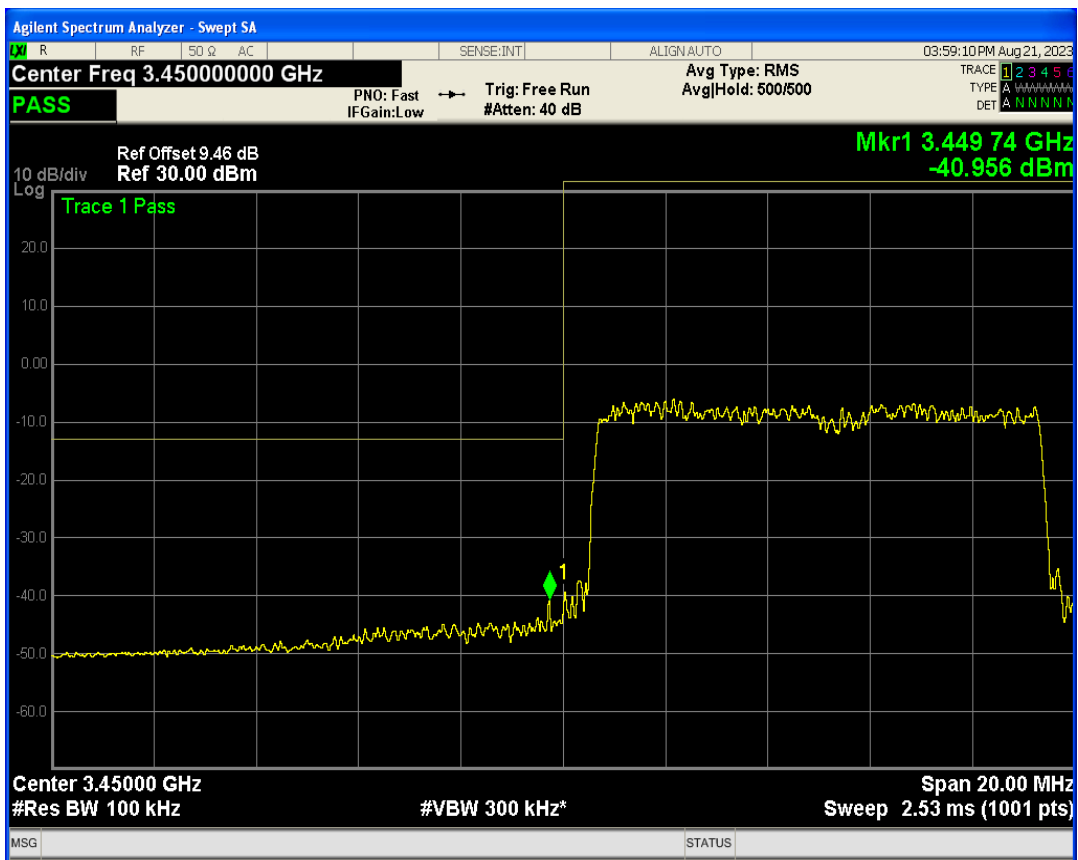
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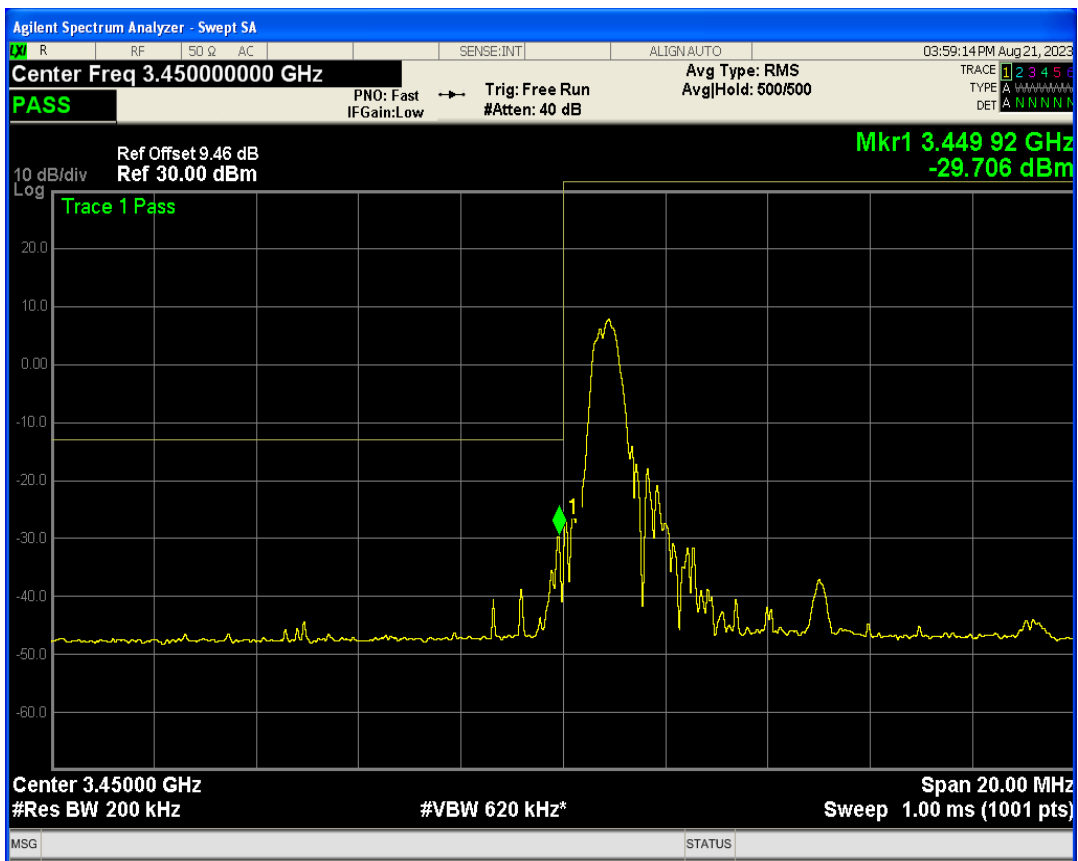
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@23



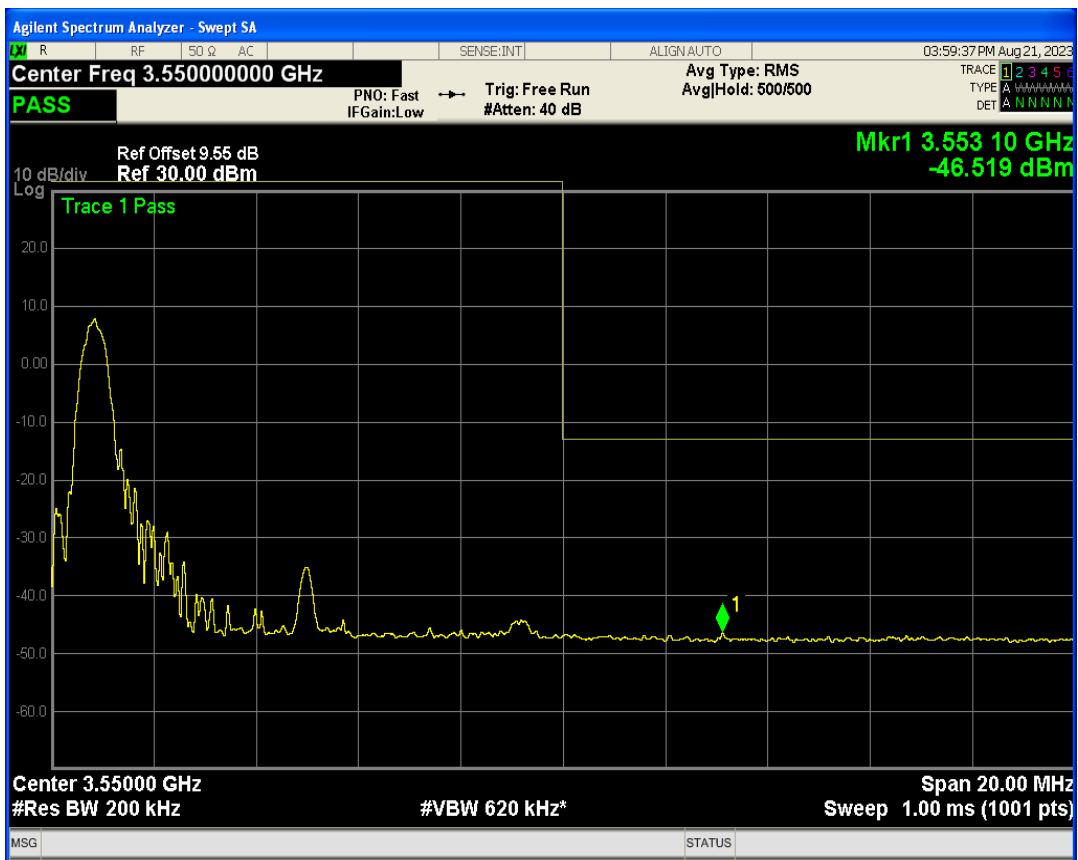
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=24@0



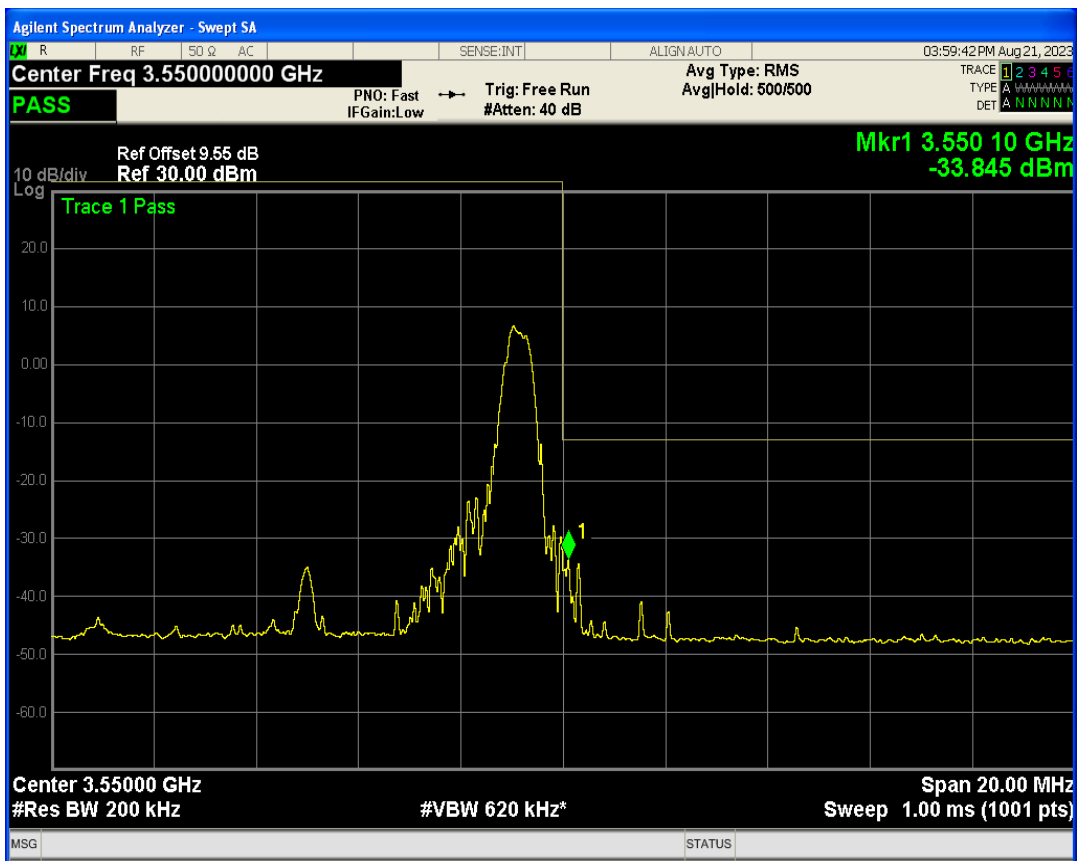
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@0



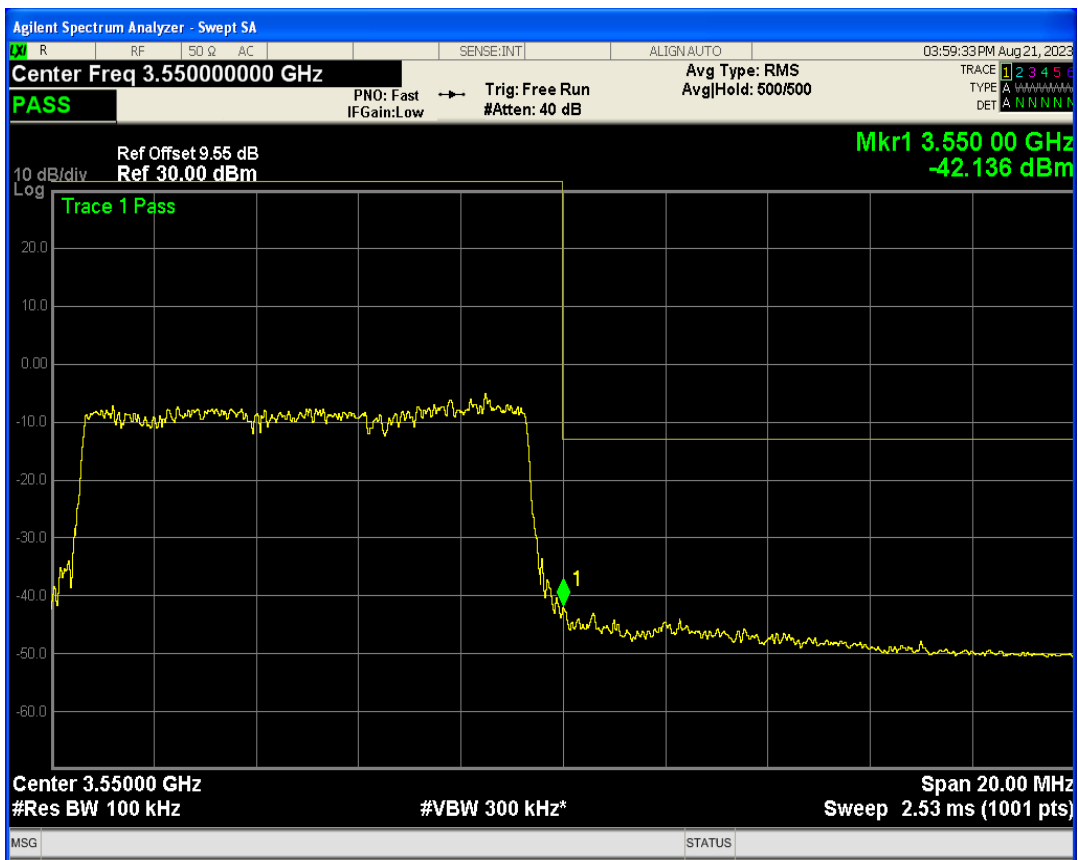
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=1@0



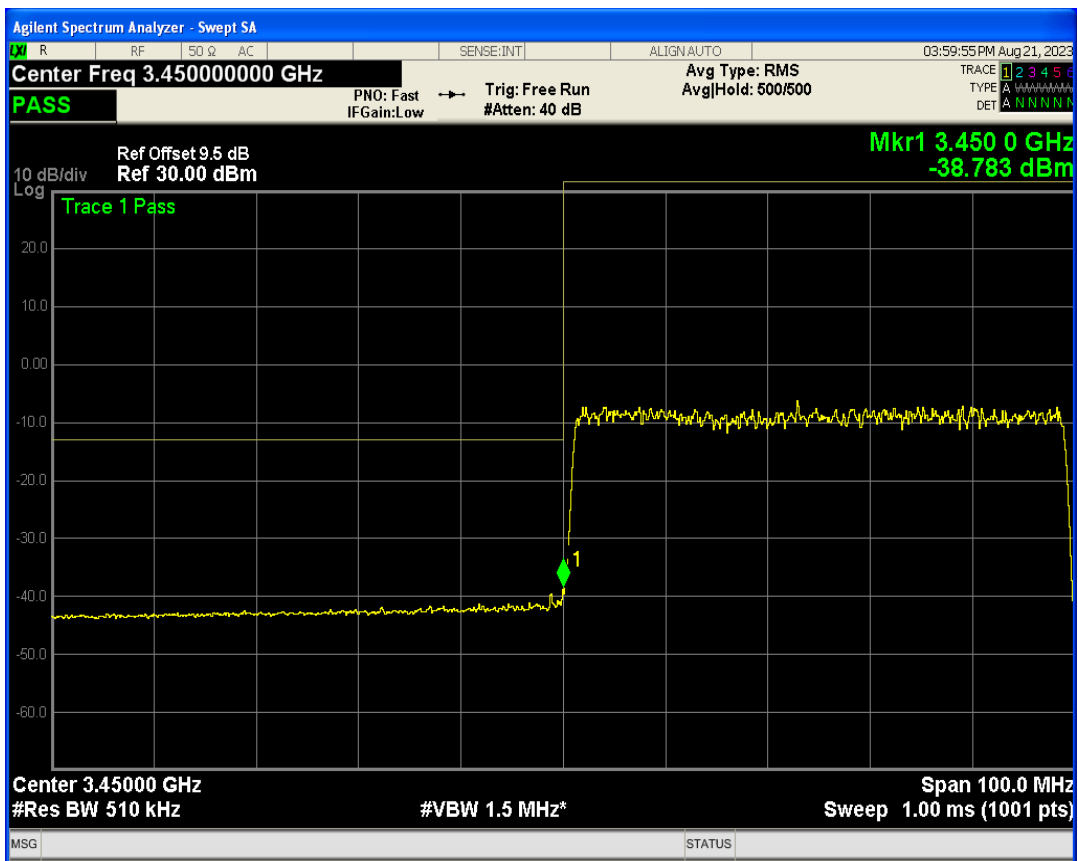
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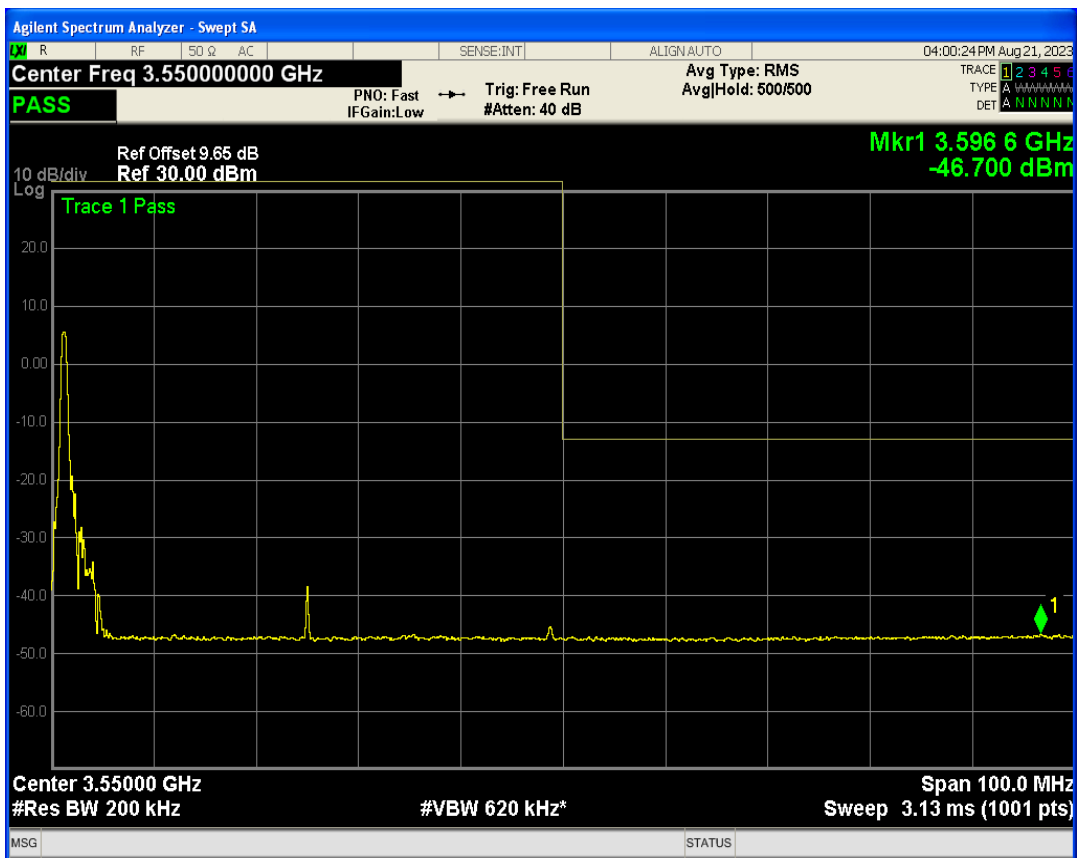
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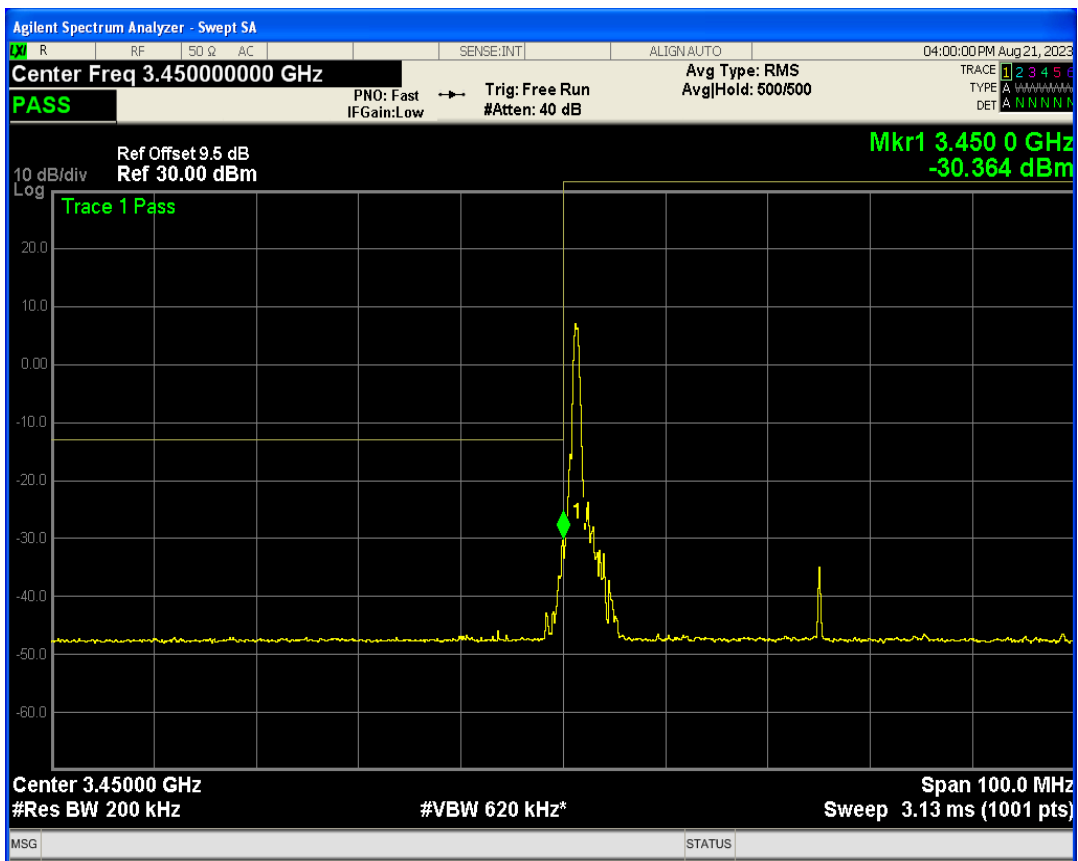
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=133@0



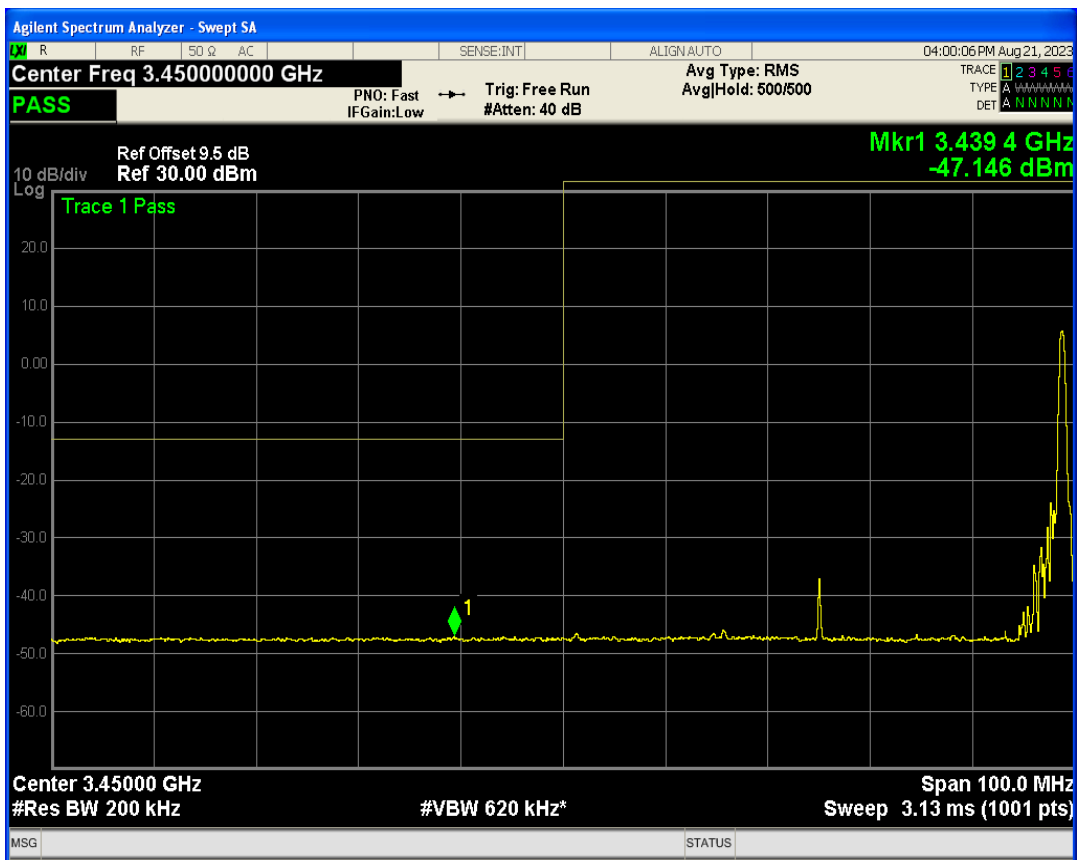
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=1@0



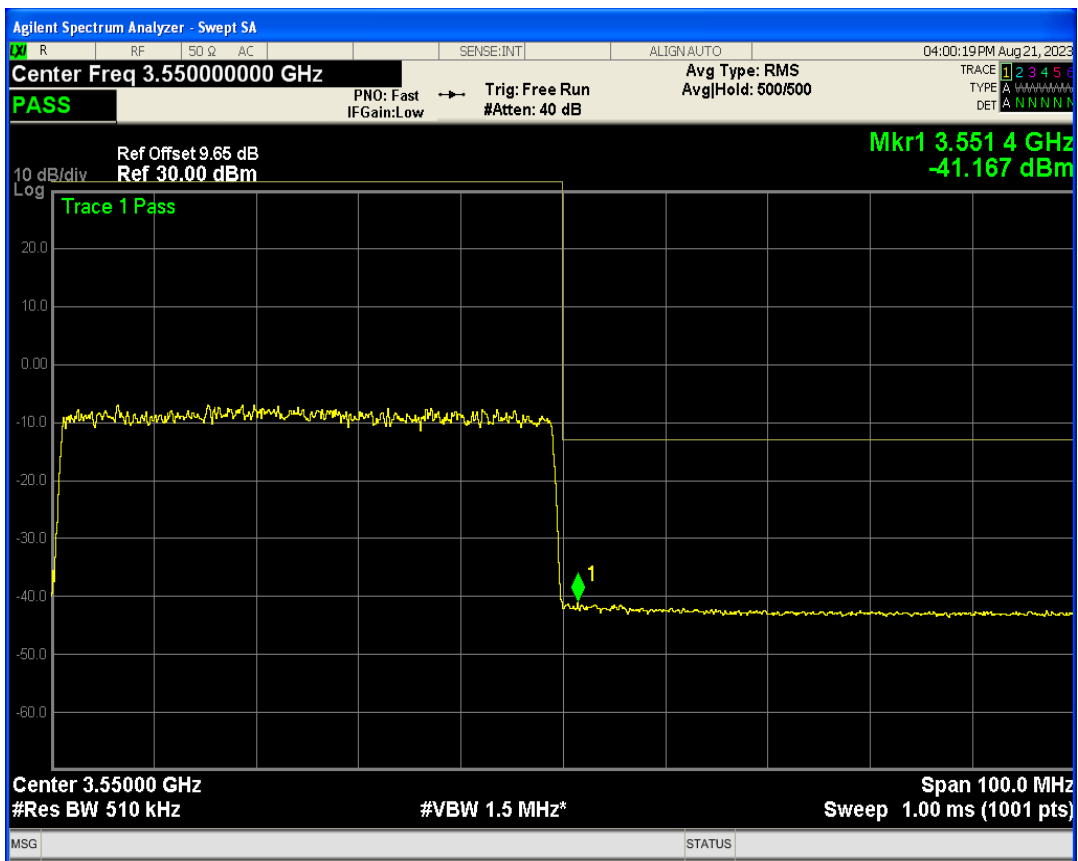
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1@0



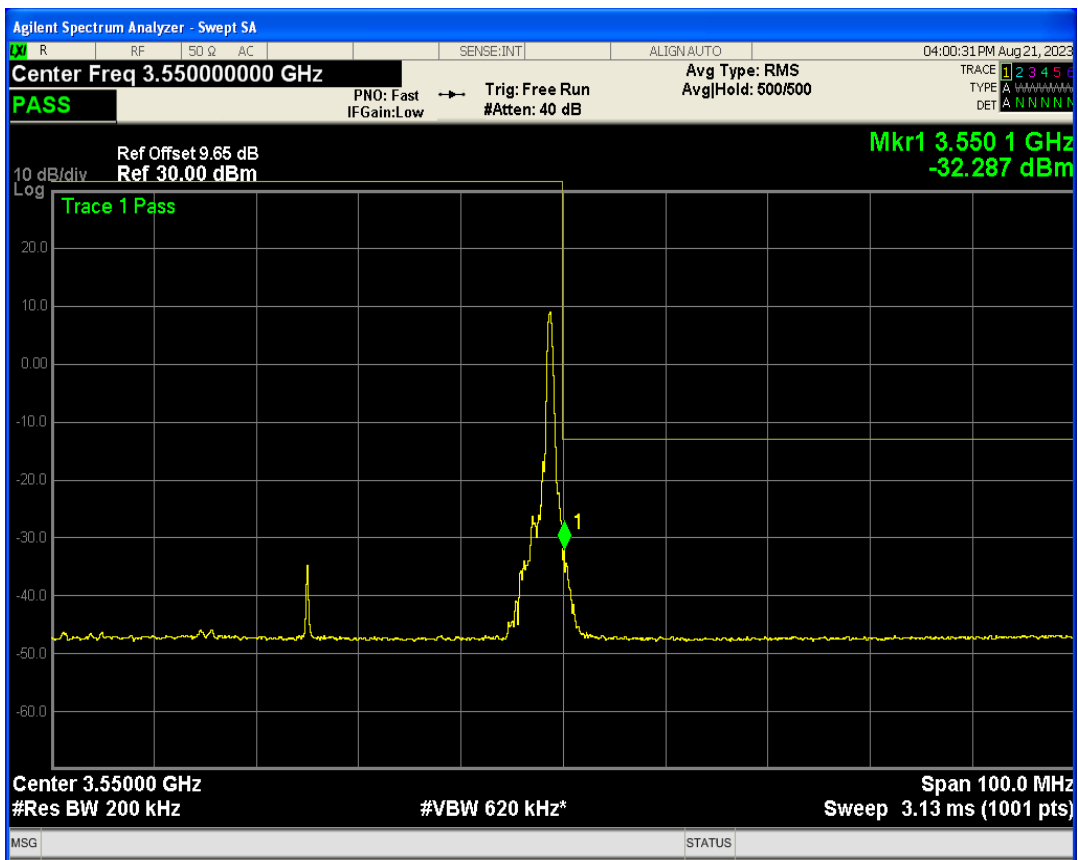
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1@132



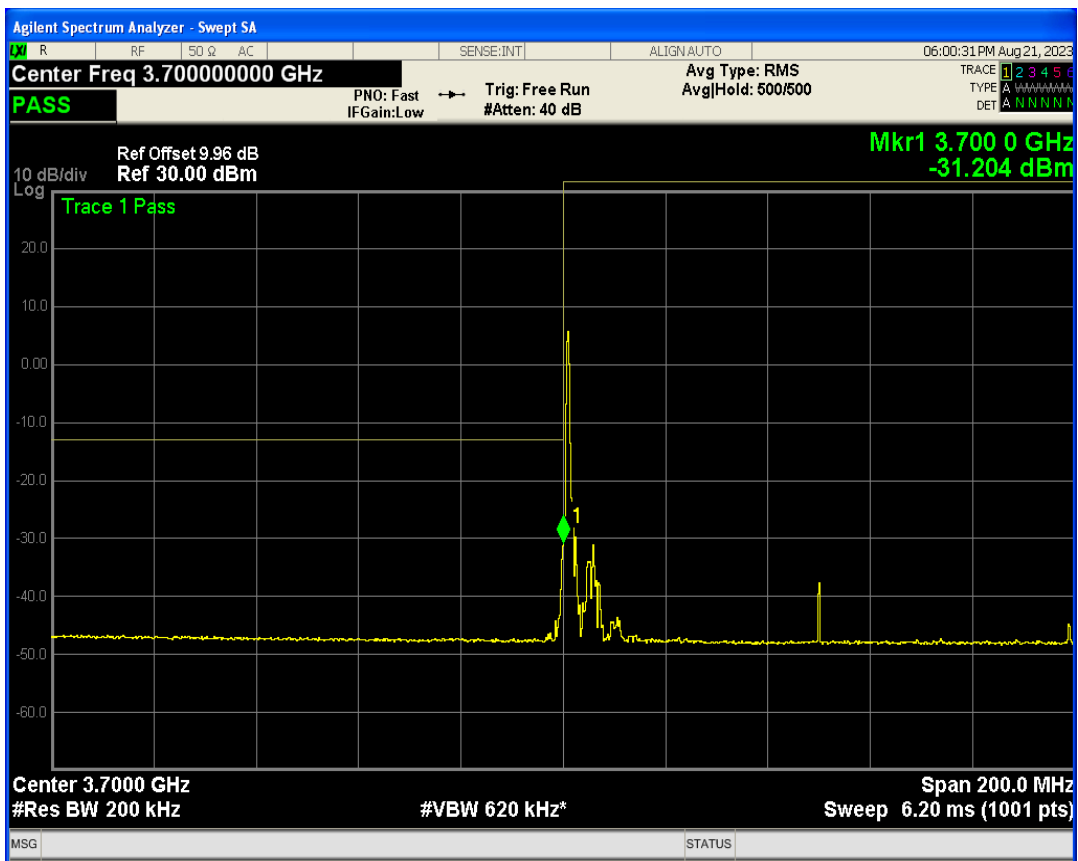
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=133@0



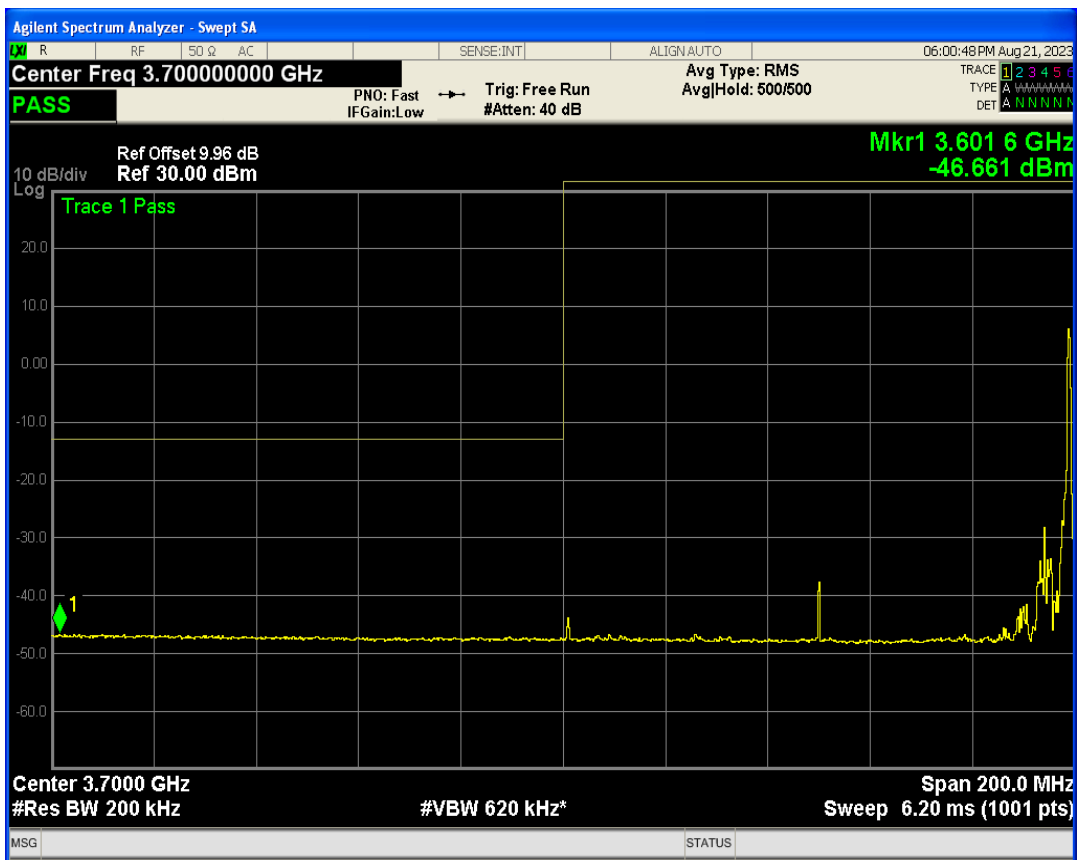
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=1@132



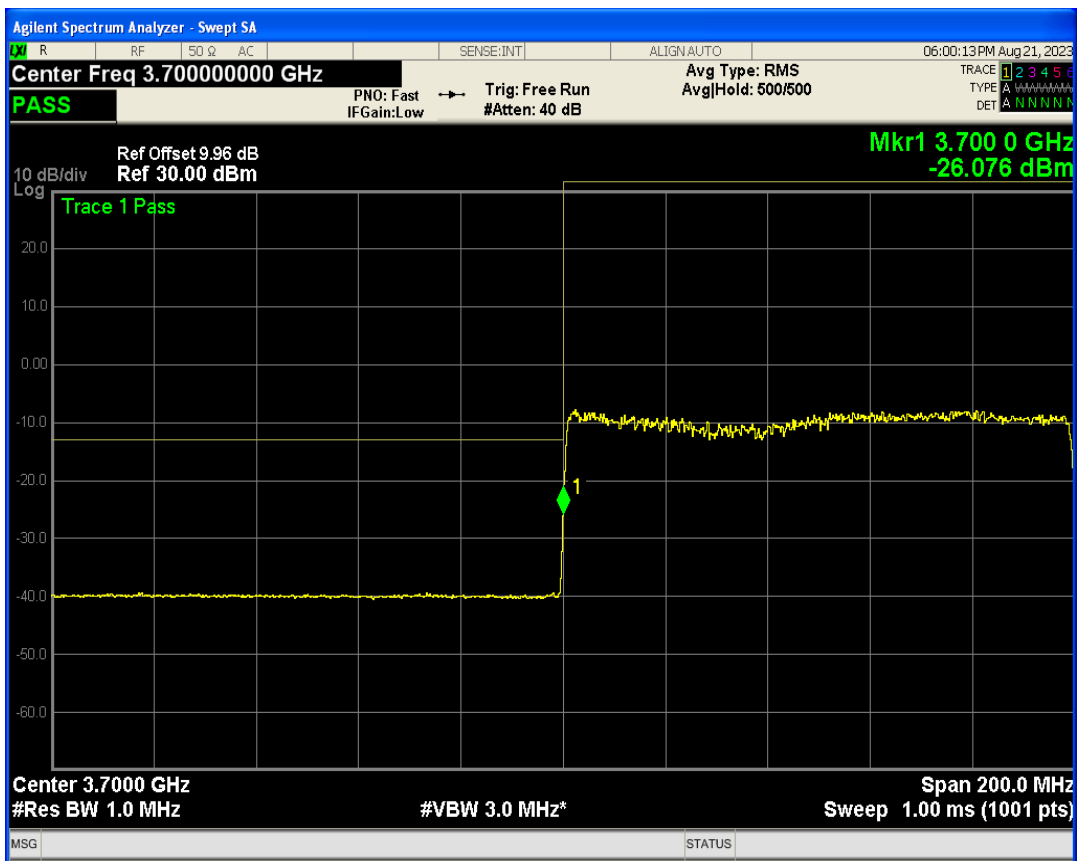
n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1@0



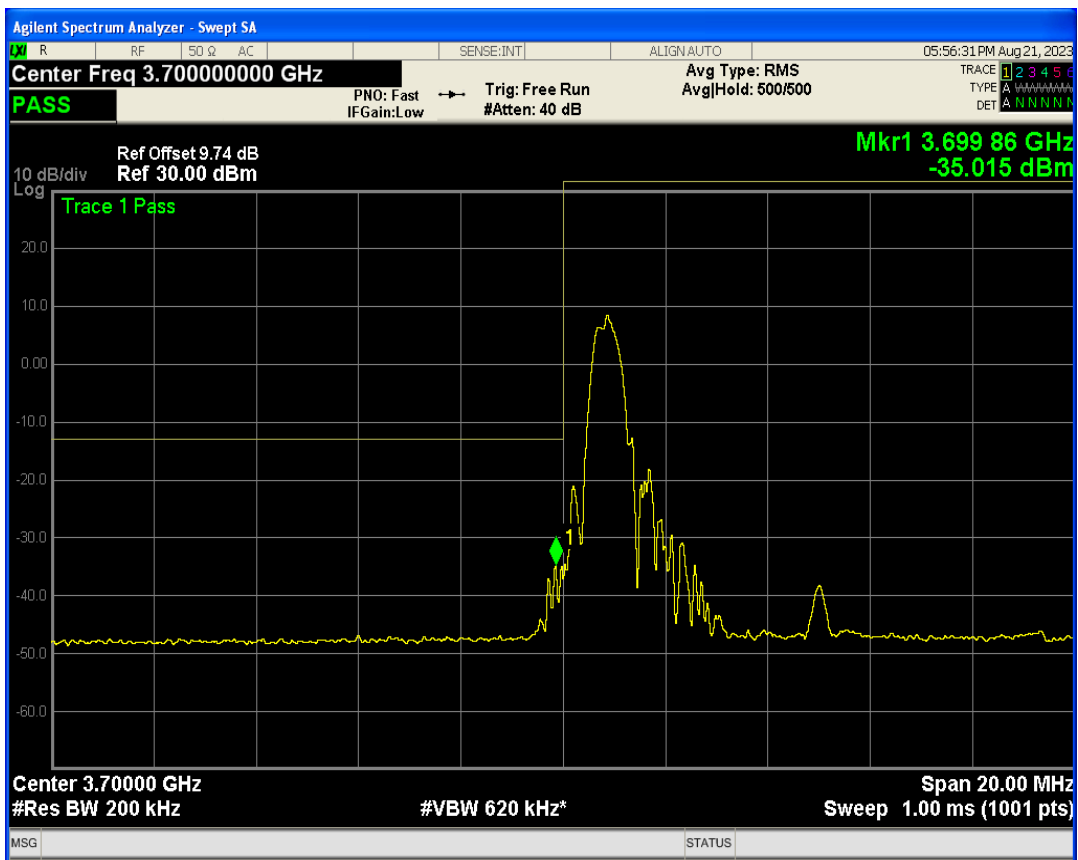
n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1@272



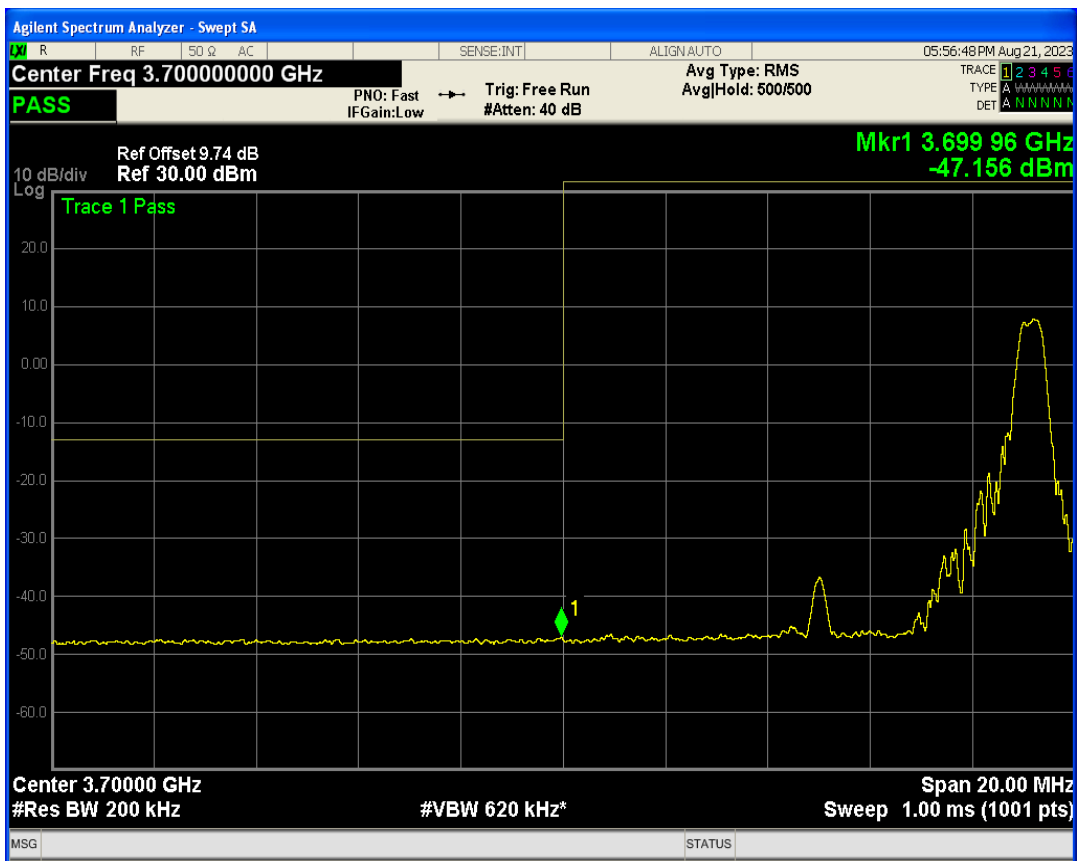
n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=273@0



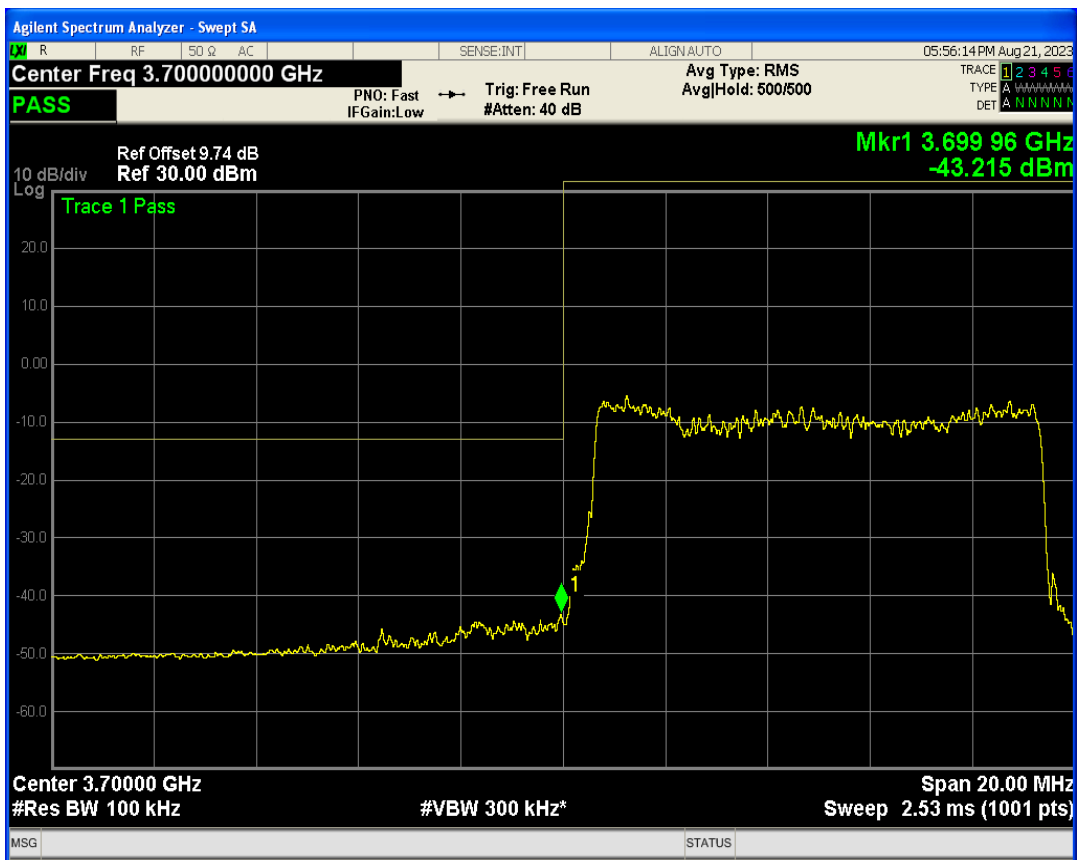
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1@0



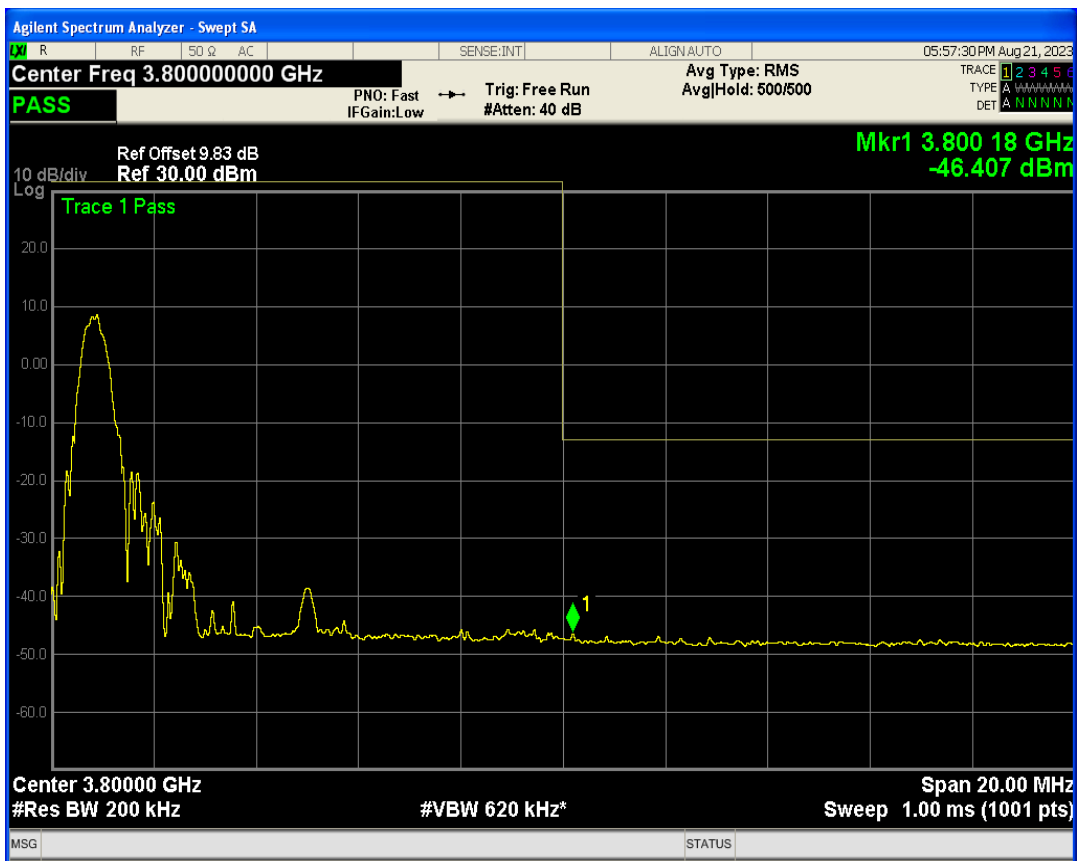
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1@23



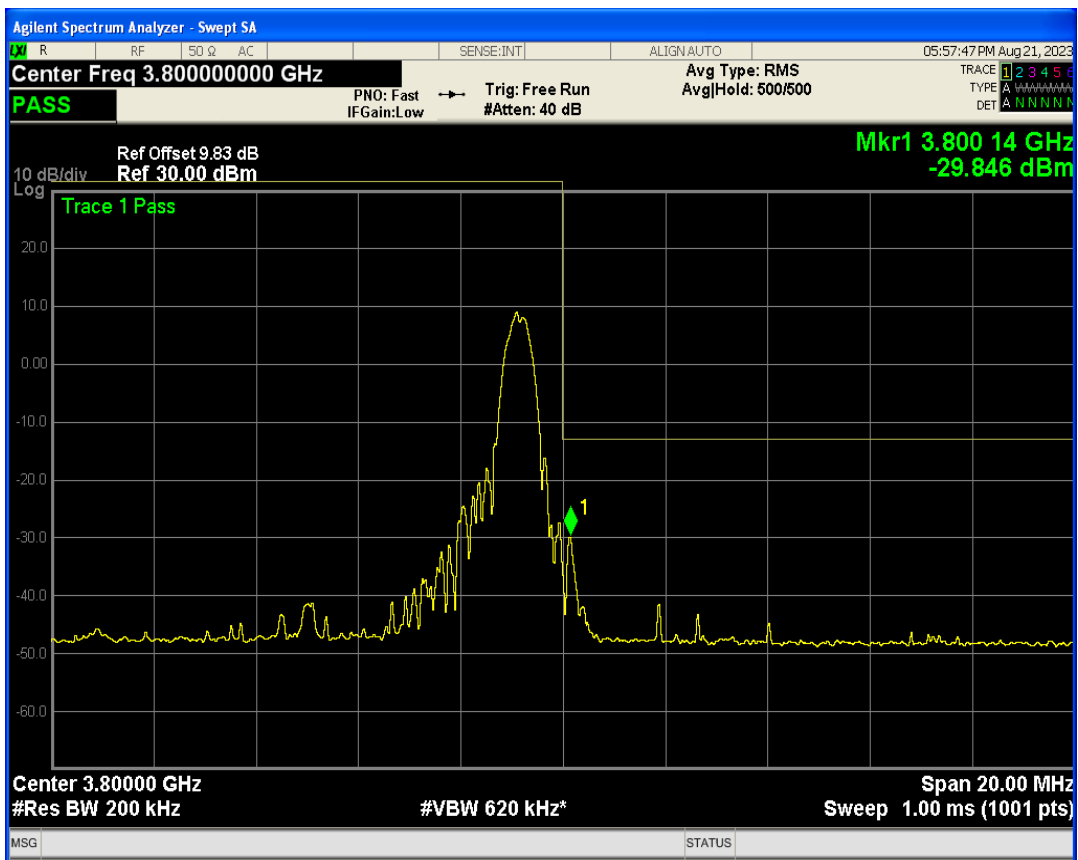
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=24@0



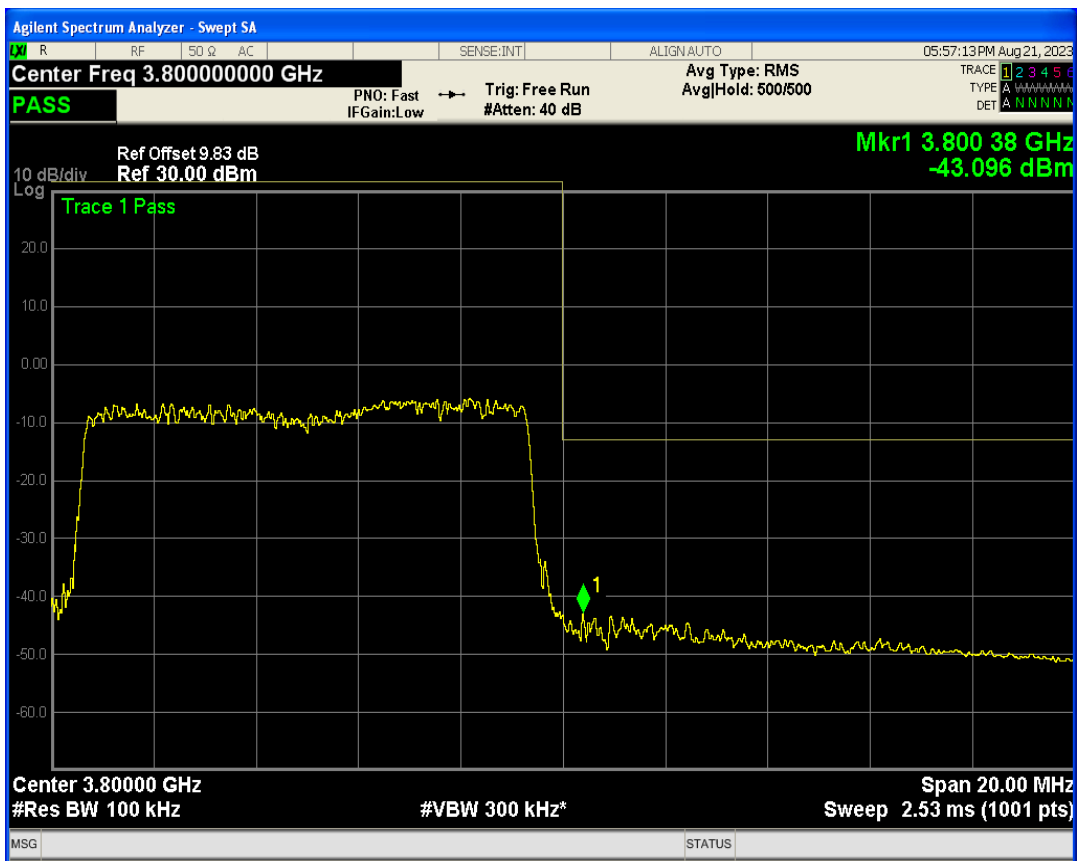
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1@0



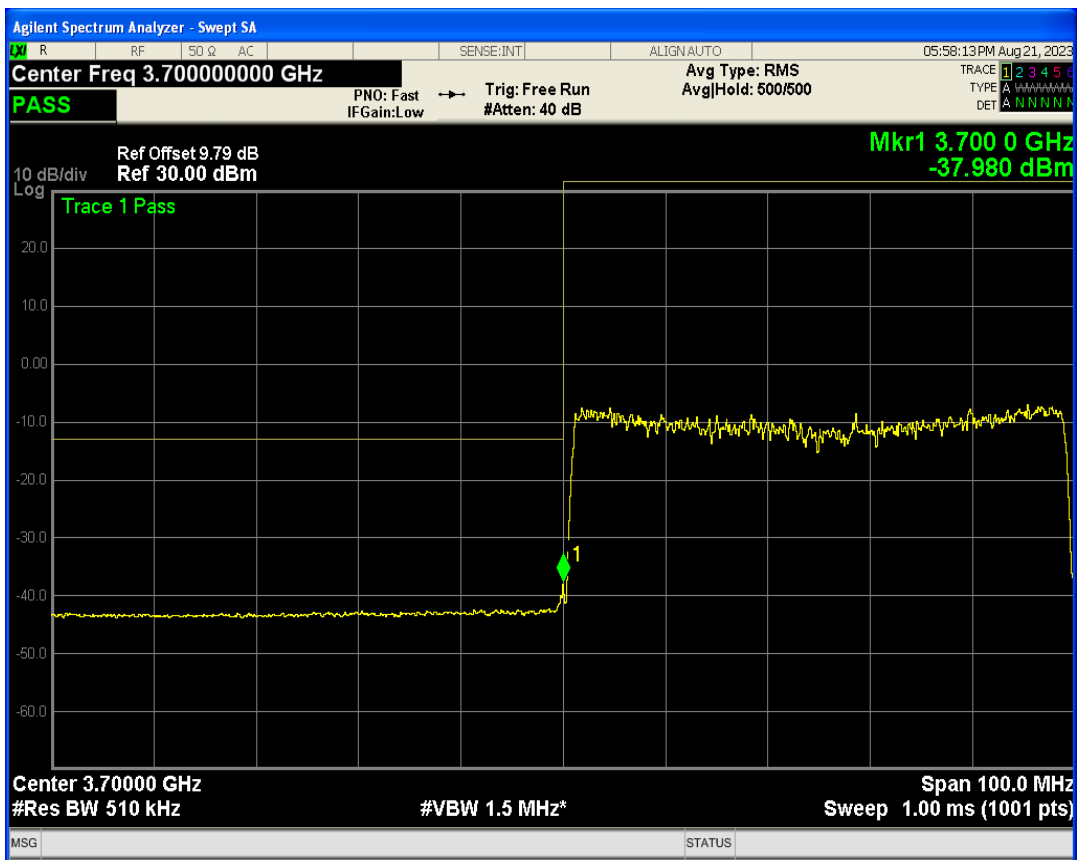
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1 @23



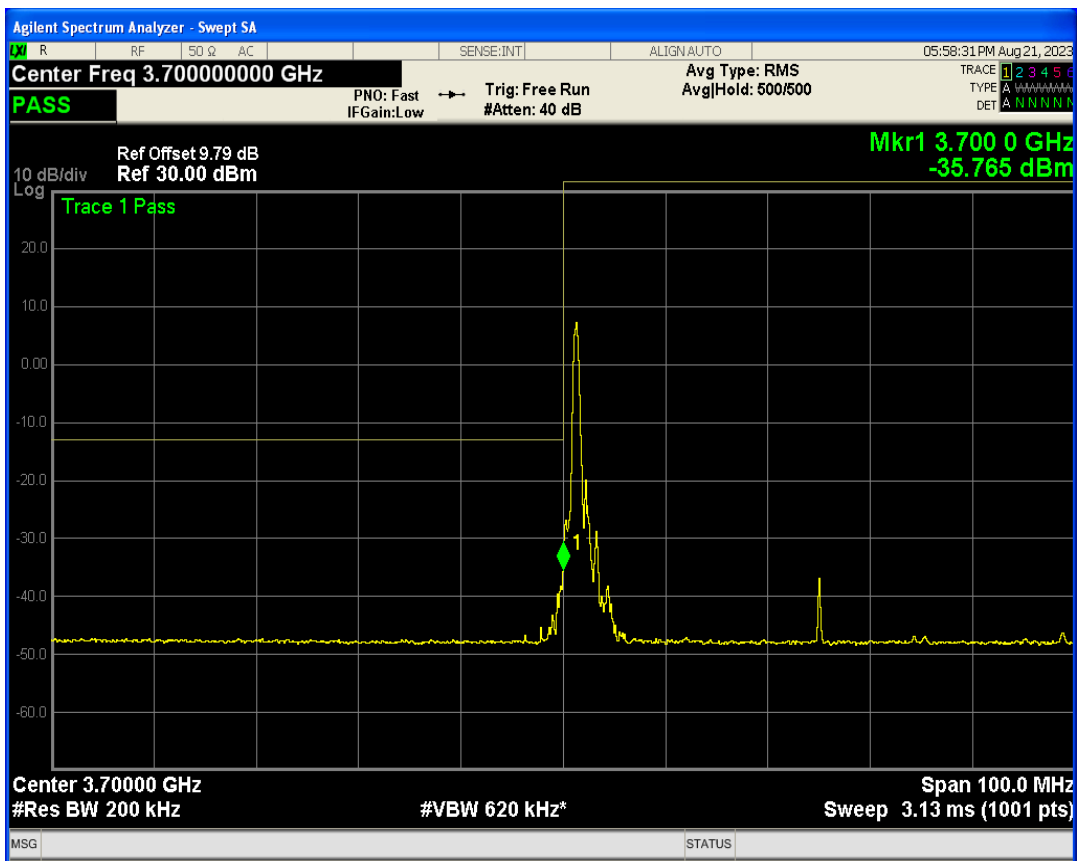
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=24 @0



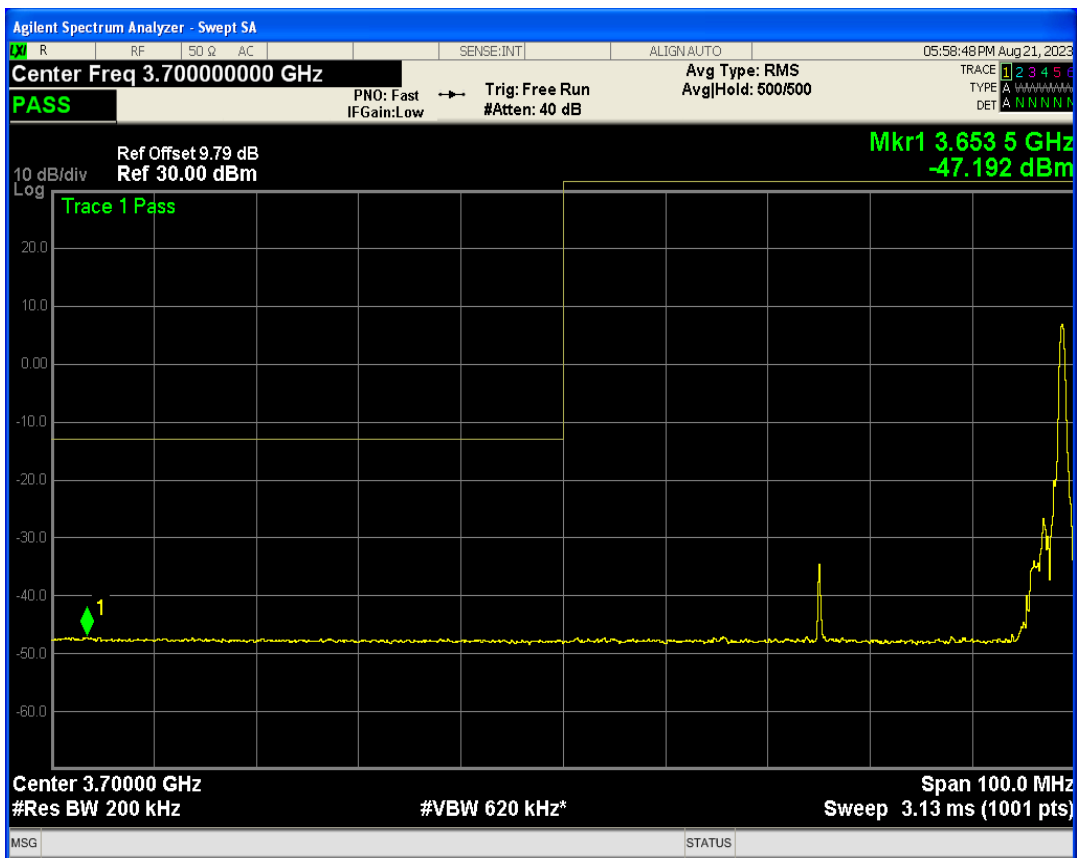
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=133@0



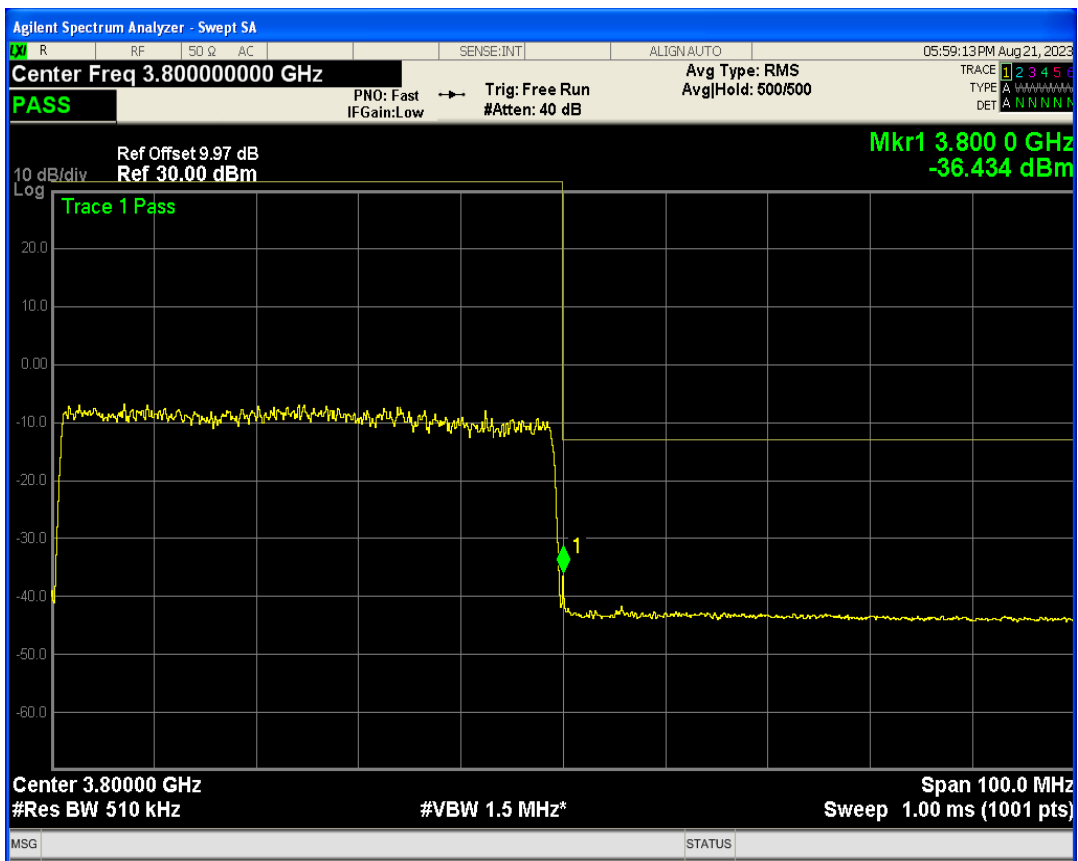
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@0



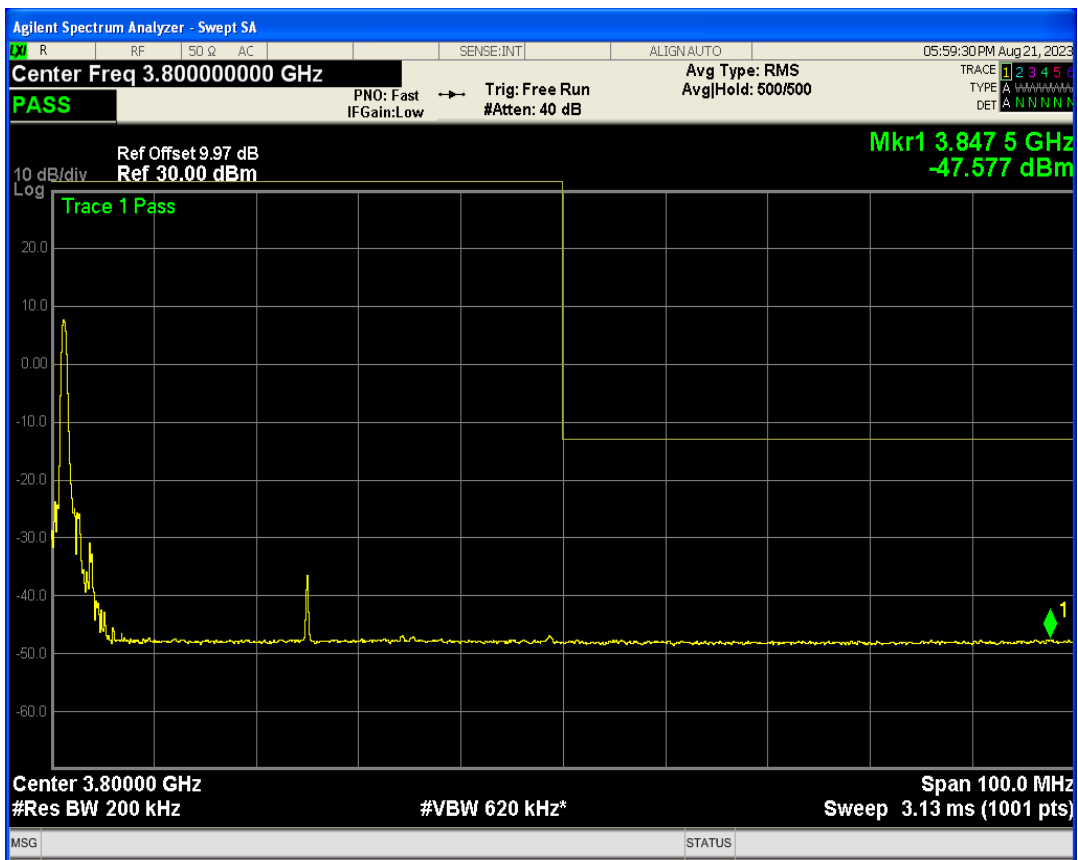
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@132



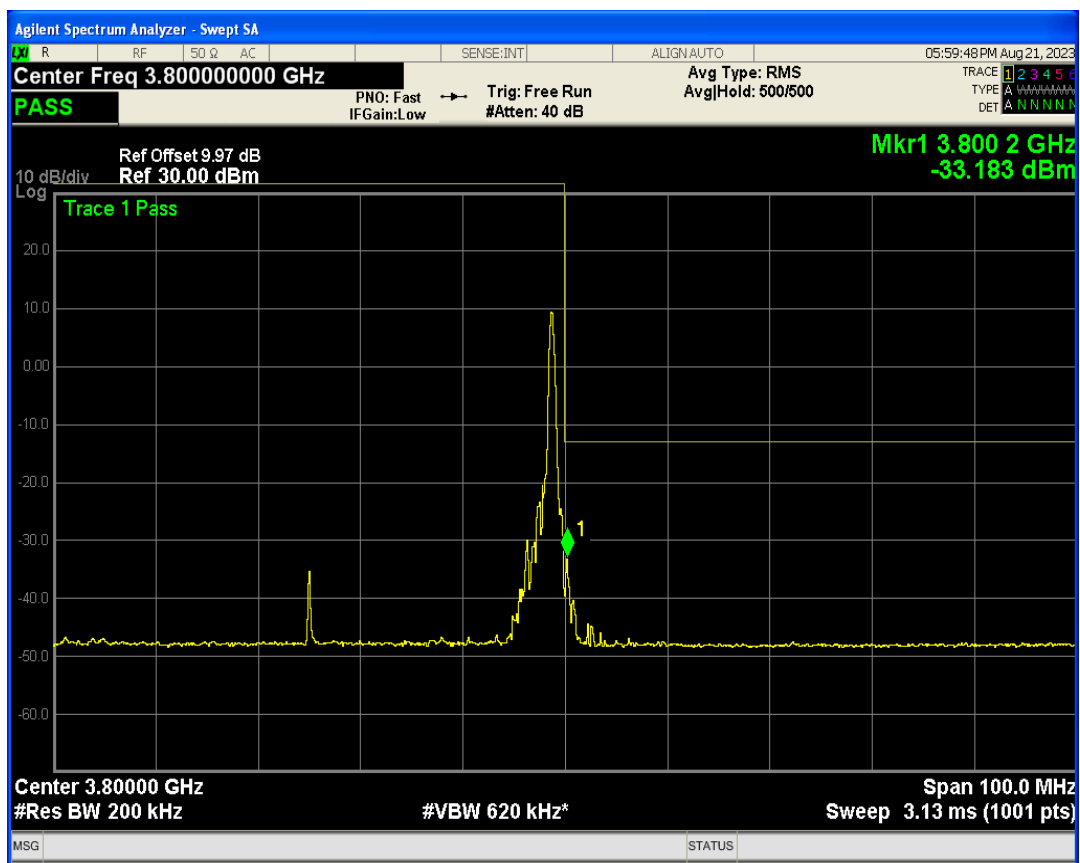
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=133@0



n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@0



n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@132

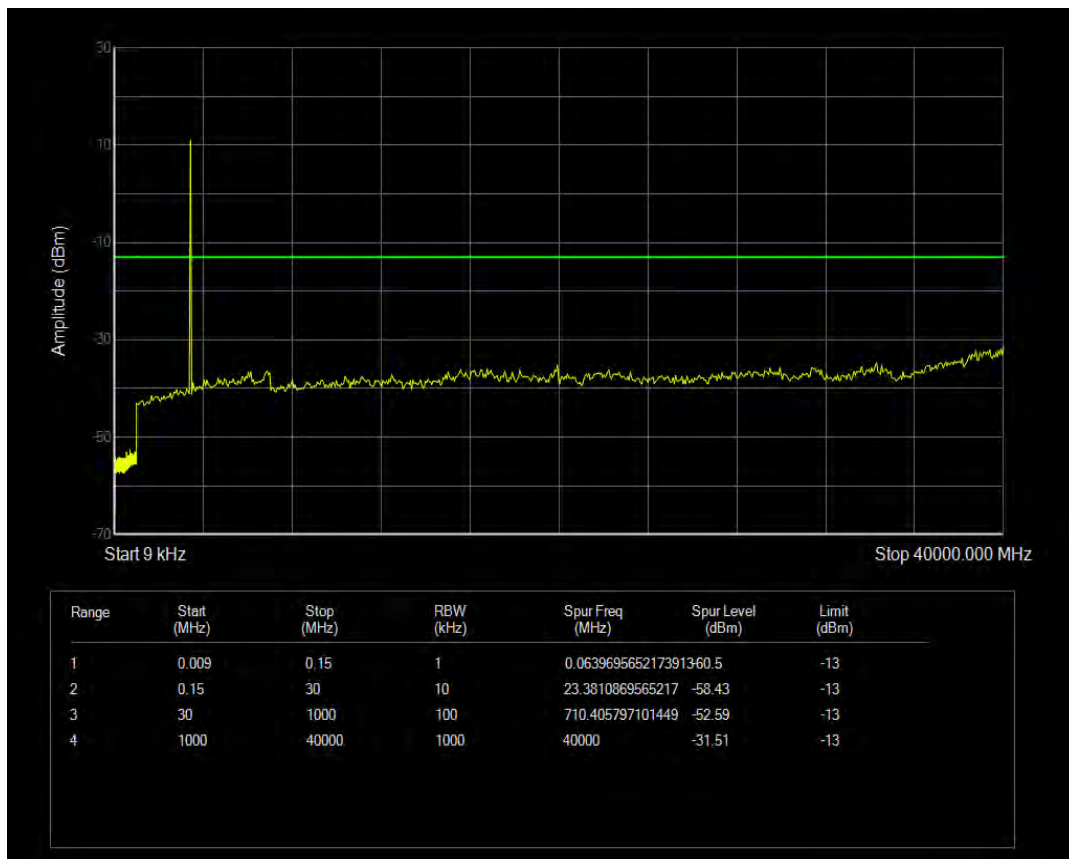


6 Out-of-band emissions for NR FR1

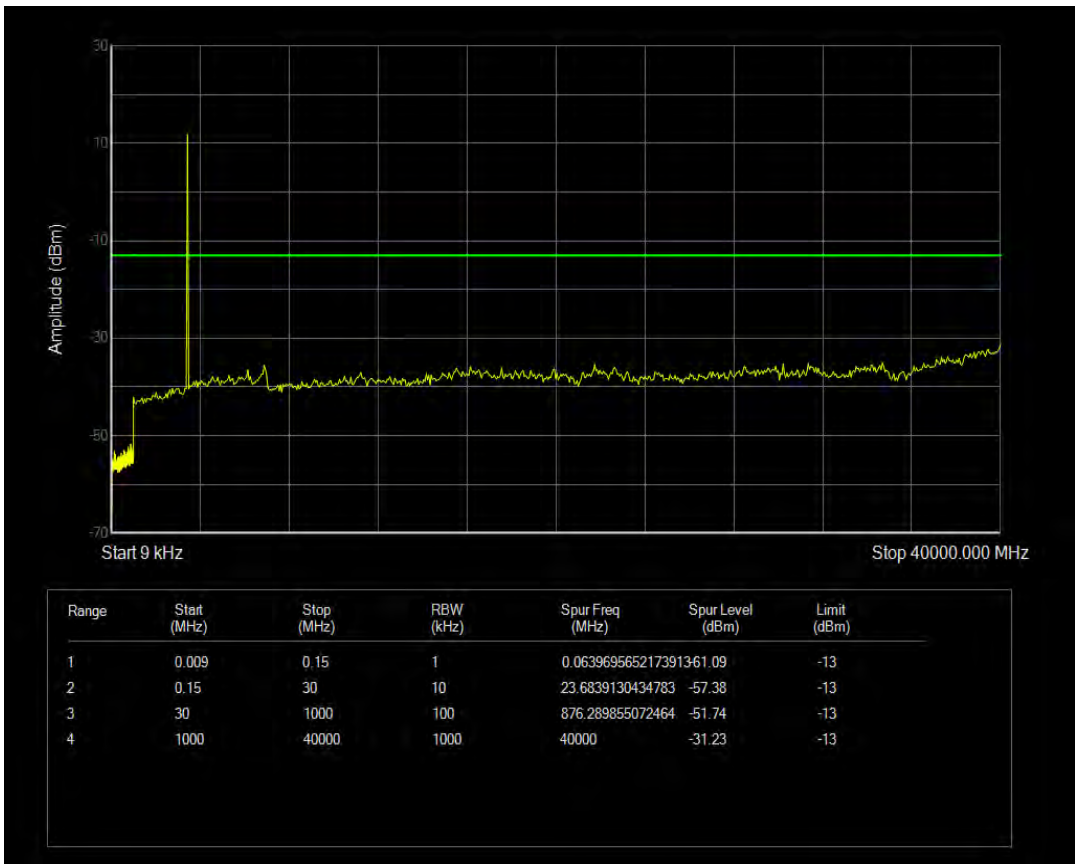
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	10	630334	24@0	CP QPSK	40000.00	-31.51	-13	PASS
n78(3450-3550)	30	10	630334	1@0	CP QPSK	40000.00	-31.23	-13	PASS
n78(3450-3550)	30	10	630334	1@23	CP QPSK	40000.00	-30.63	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP QPSK	40000.00	-31.18	-13	PASS
n78(3450-3550)	30	10	636332	1@0	CP QPSK	40000.00	-31.94	-13	PASS
n78(3450-3550)	30	10	636332	1@23	CP QPSK	40000.00	-31.36	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP QPSK	40000.00	-31.00	-13	PASS
n78(3450-3550)	30	50	631668	1@0	CP QPSK	40000.00	-30.14	-13	PASS
n78(3450-3550)	30	50	631668	1@132	CP QPSK	40000.00	-31.71	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP QPSK	40000.00	-31.80	-13	PASS
n78(3450-3550)	30	50	635000	1@0	CP QPSK	39773.91	-31.55	-13	PASS
n78(3450-3550)	30	50	635000	1@132	CP QPSK	39886.96	-31.54	-13	PASS
n78(3450-3550)	30	100	633334	273@0	CP QPSK	39321.74	-31.43	-13	PASS
n78(3450-3550)	30	100	633334	1@0	CP QPSK	39265.22	-31.61	-13	PASS
n78(3450-3550)	30	100	633334	1@272	CP QPSK	40000.00	-31.62	-13	PASS
n78(3450-3550)	30	100	633332	273@0	CP QPSK	40000.00	-31.62	-13	PASS
n78(3450-3550)	30	100	633332	1@0	CP QPSK	39152.17	-31.67	-13	PASS
n78(3450-3550)	30	100	633332	1@272	CP QPSK	40000.00	-30.80	-13	PASS
n78(3700-3800)	30	10	647000	24@0	CP QPSK	40000.00	-31.13	-13	PASS
n78(3700-3800)	30	10	647000	1@0	CP QPSK	40000.00	-30.94	-13	PASS

n78(3700-3800)	30	10	647000	1@23	CP QPSK	39095.65	-31.63	-13	PASS
n78(3700-3800)	30	10	653000	24@0	CP QPSK	39208.70	-30.94	-13	PASS
n78(3700-3800)	30	10	653000	1@0	CP QPSK	40000.00	-31.60	-13	PASS
n78(3700-3800)	30	10	653000	1@23	CP QPSK	39886.96	-31.65	-13	PASS
n78(3700-3800)	30	50	648334	133@0	CP QPSK	40000.00	-30.66	-13	PASS
n78(3700-3800)	30	50	648334	1@0	CP QPSK	38473.91	-31.44	-13	PASS
n78(3700-3800)	30	50	648334	1@132	CP QPSK	40000.00	-31.00	-13	PASS
n78(3700-3800)	30	50	651666	133@0	CP QPSK	40000.00	-31.03	-13	PASS
n78(3700-3800)	30	50	651666	1@0	CP QPSK	39886.96	-31.75	-13	PASS
n78(3700-3800)	30	50	651666	1@132	CP QPSK	40000.00	-31.12	-13	PASS
n78(3700-3800)	30	100	650000	273@0	CP QPSK	39886.96	-31.08	-13	PASS
n78(3700-3800)	30	100	650000	1@0	CP QPSK	40000.00	-31.49	-13	PASS
n78(3700-3800)	30	100	650000	1@272	CP QPSK	39321.74	-30.55	-13	PASS

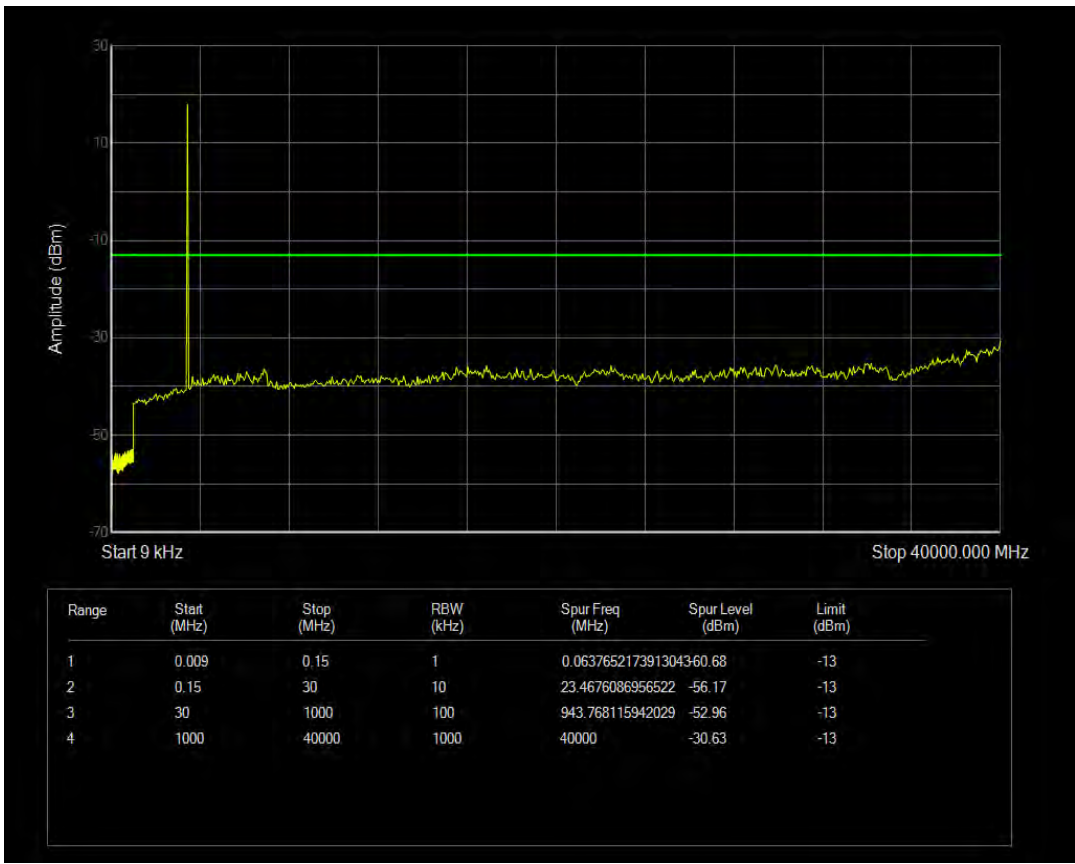
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=24@0



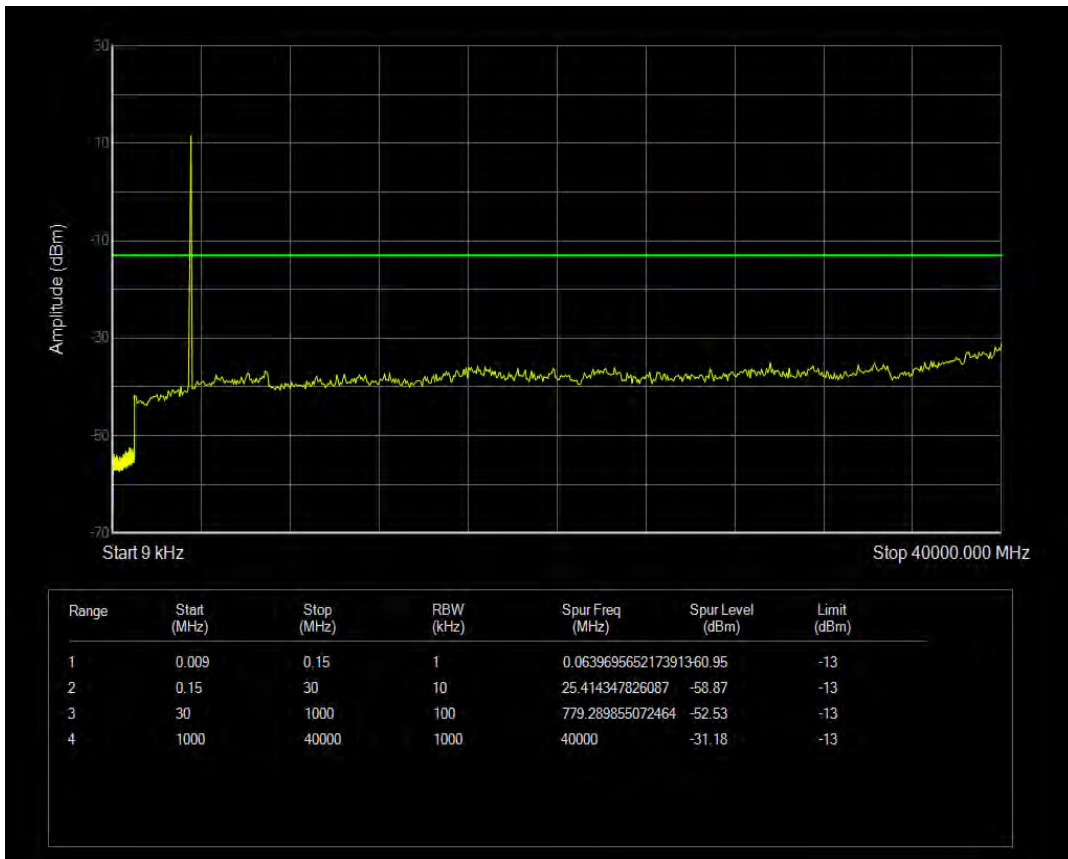
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@0



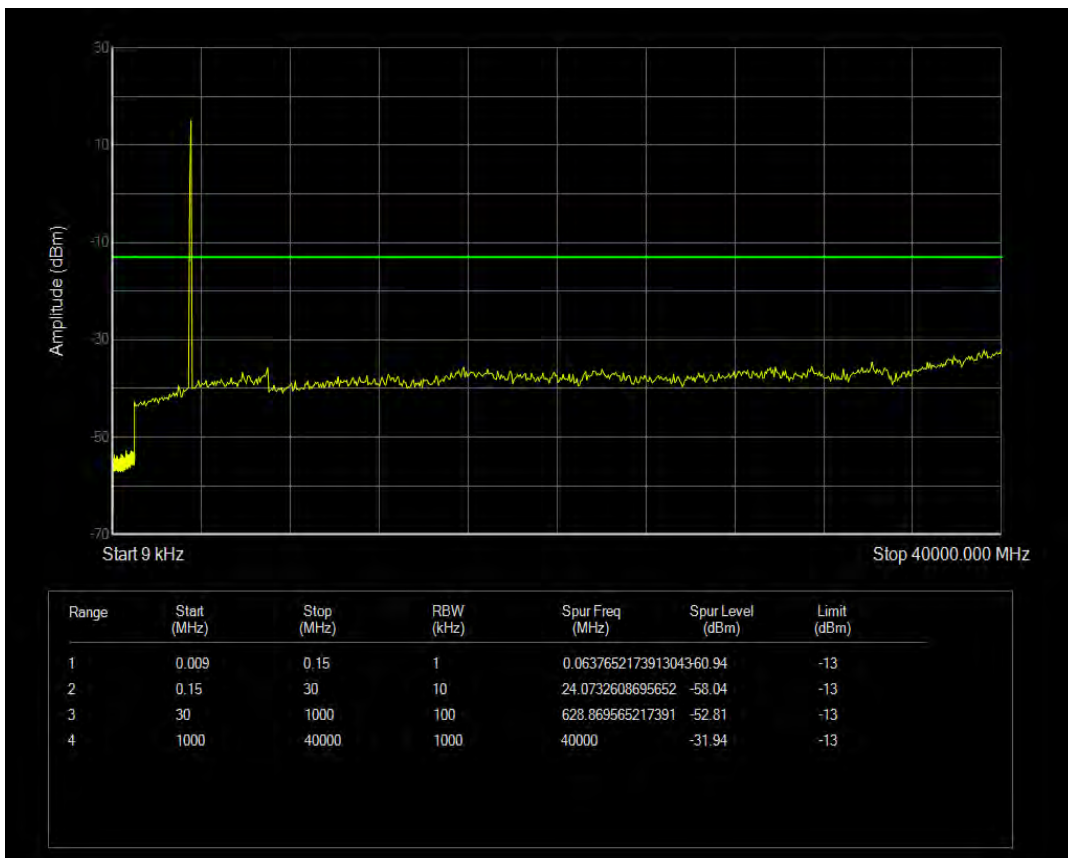
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@23



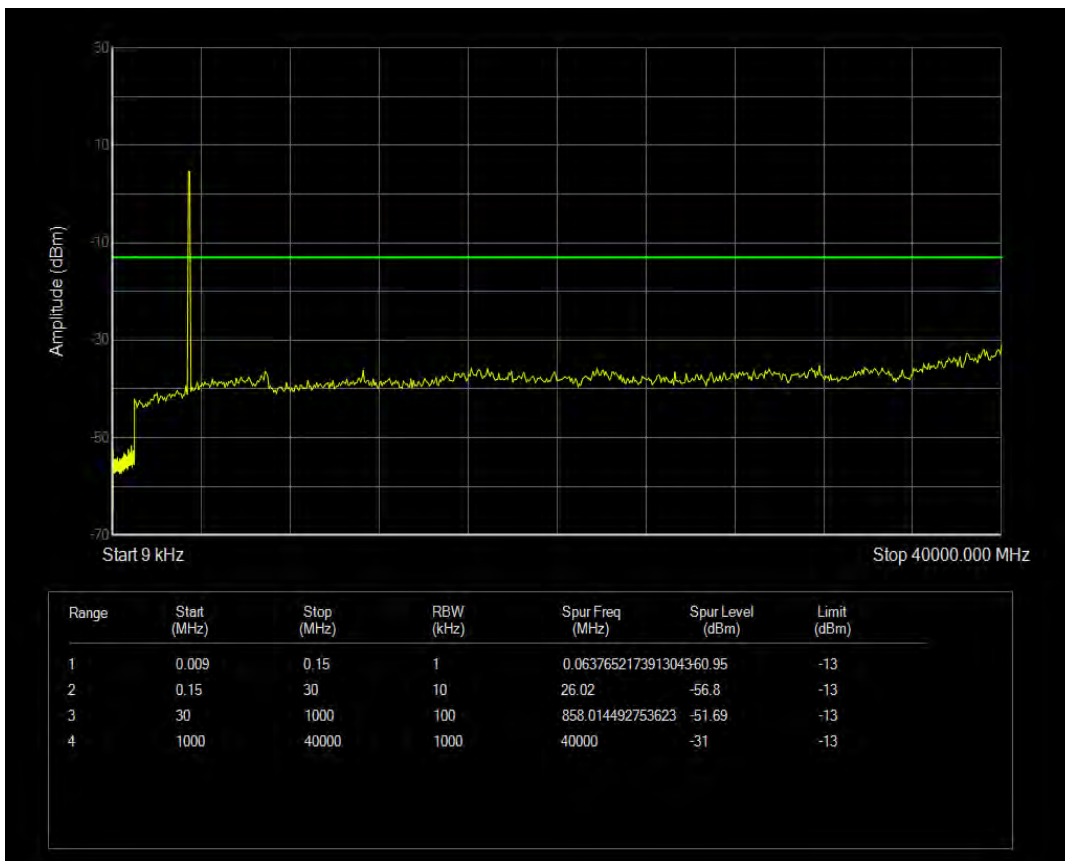
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=24@0



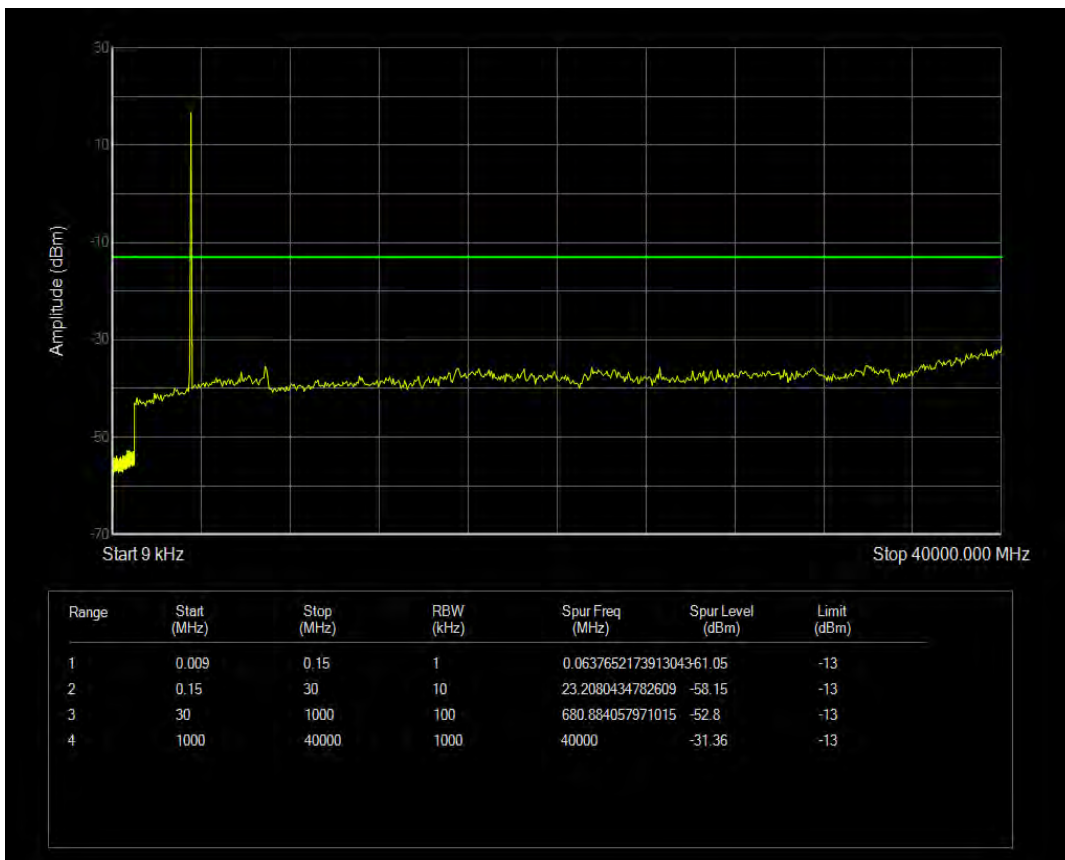
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=1@0



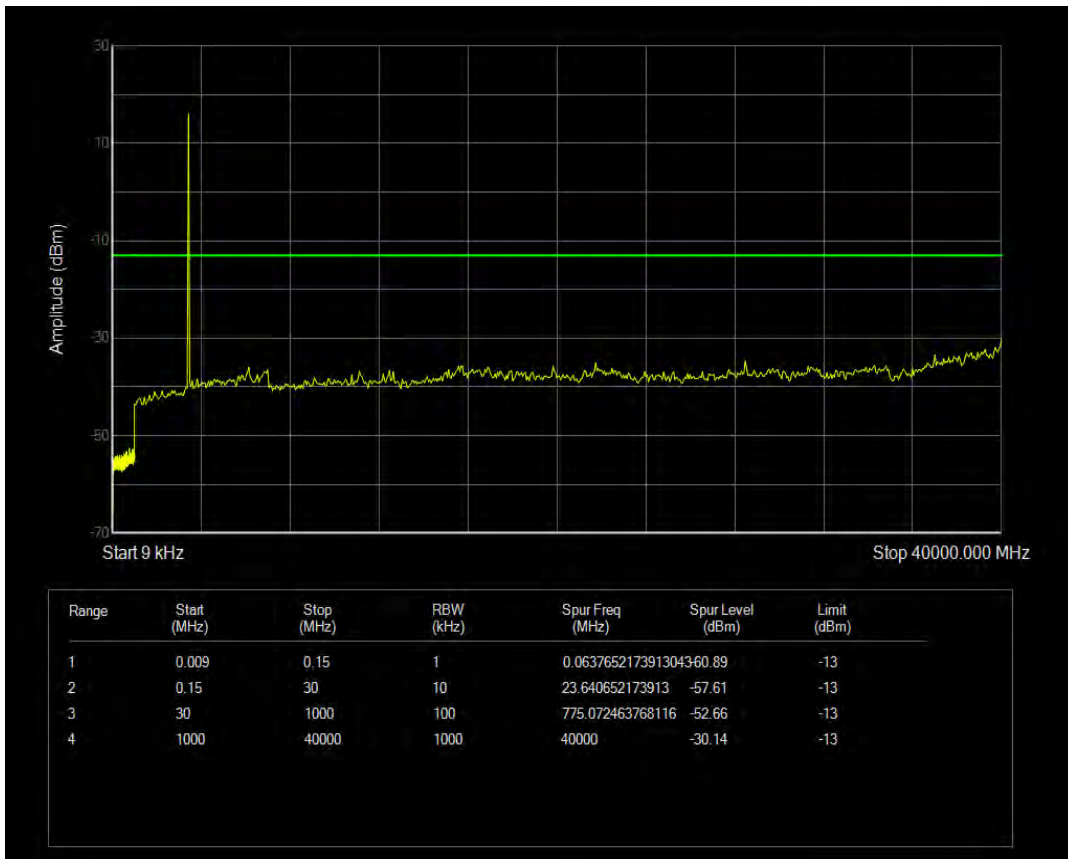
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=133@0



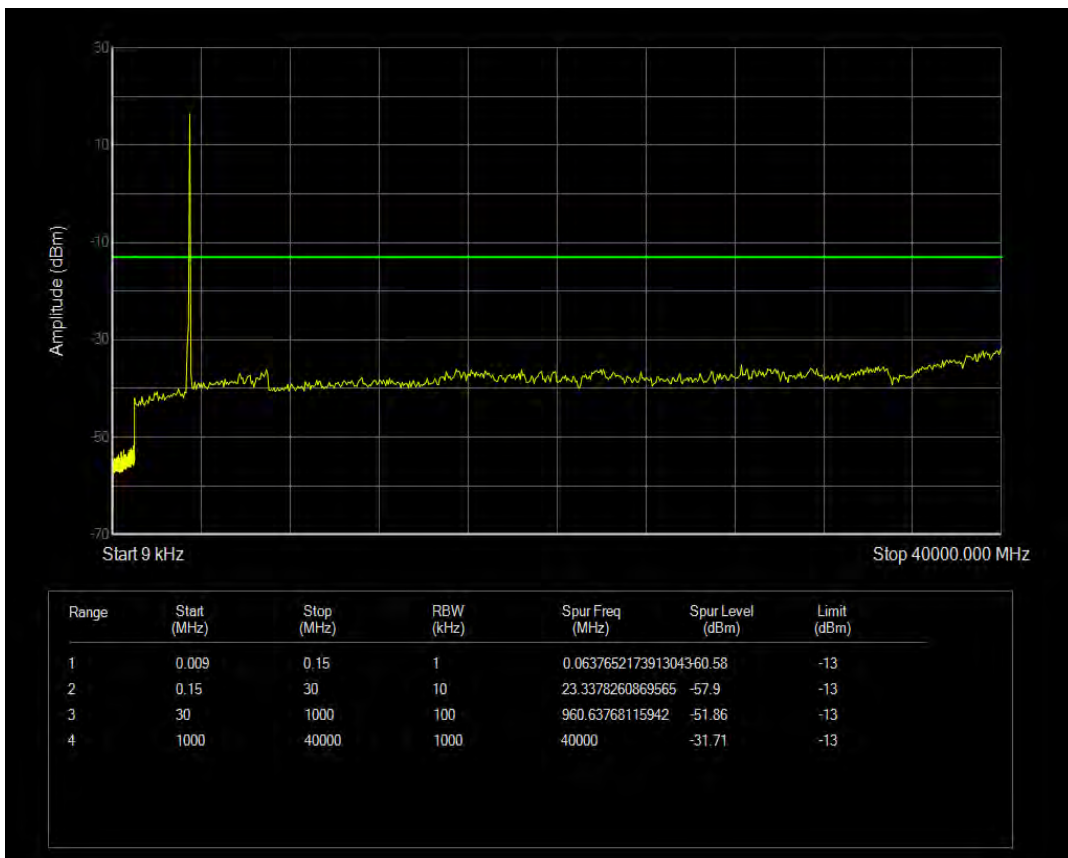
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=1 @23



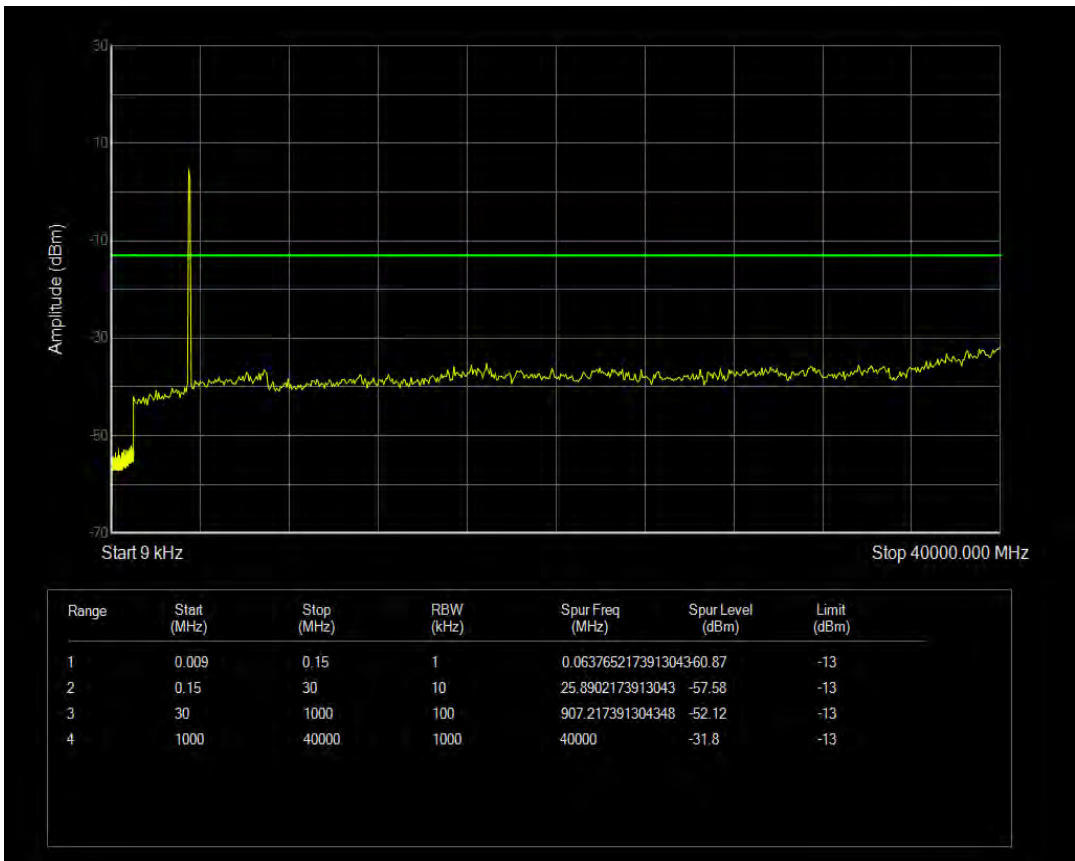
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1 @0



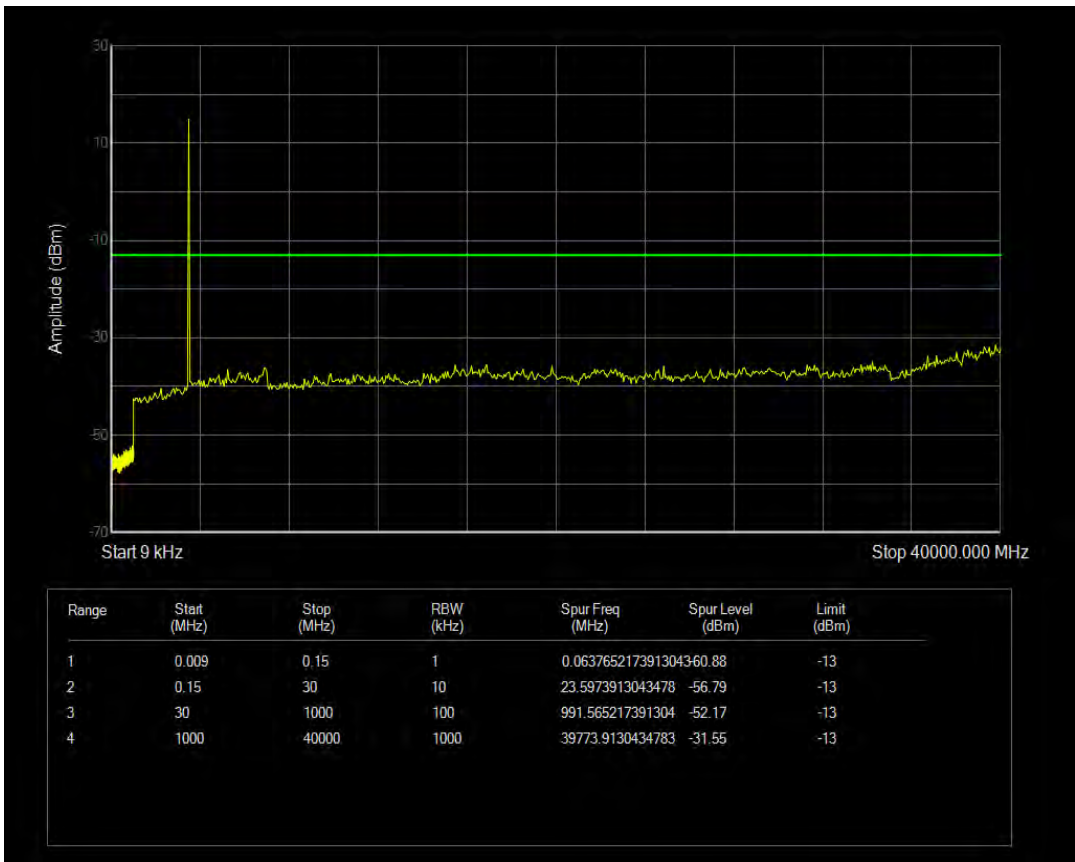
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1@132



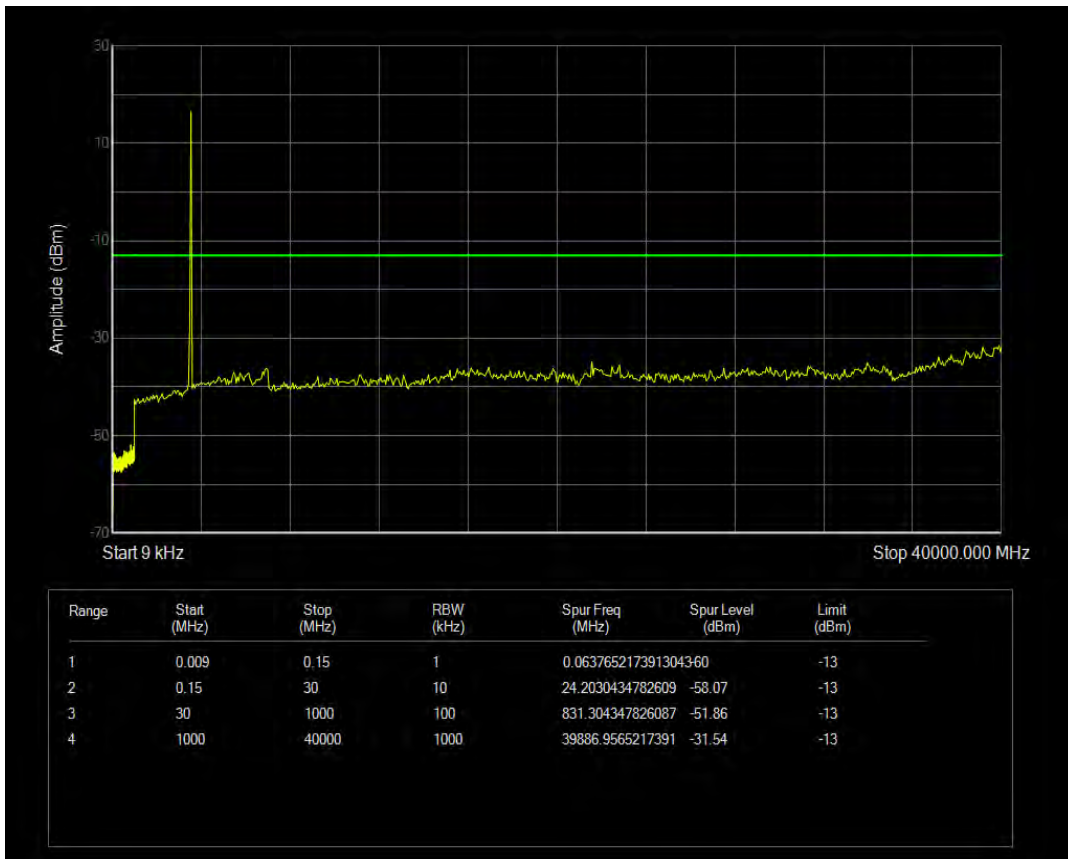
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=133@0



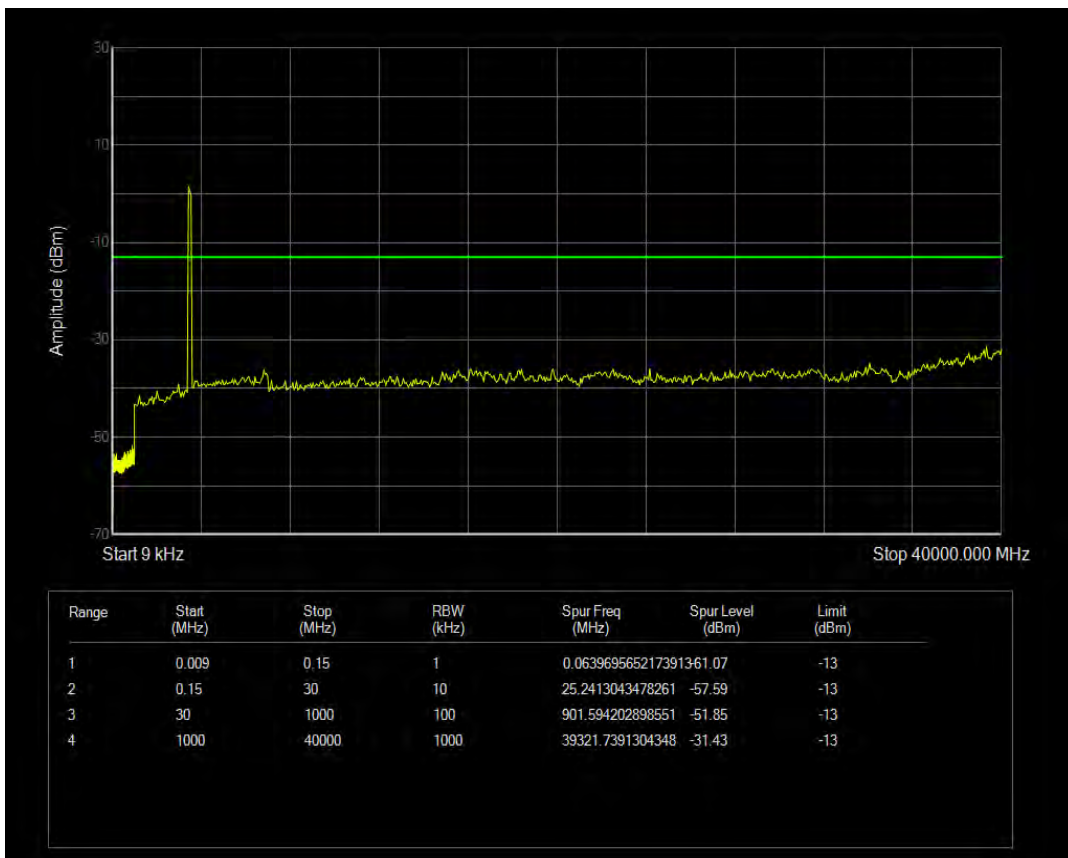
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=1@0



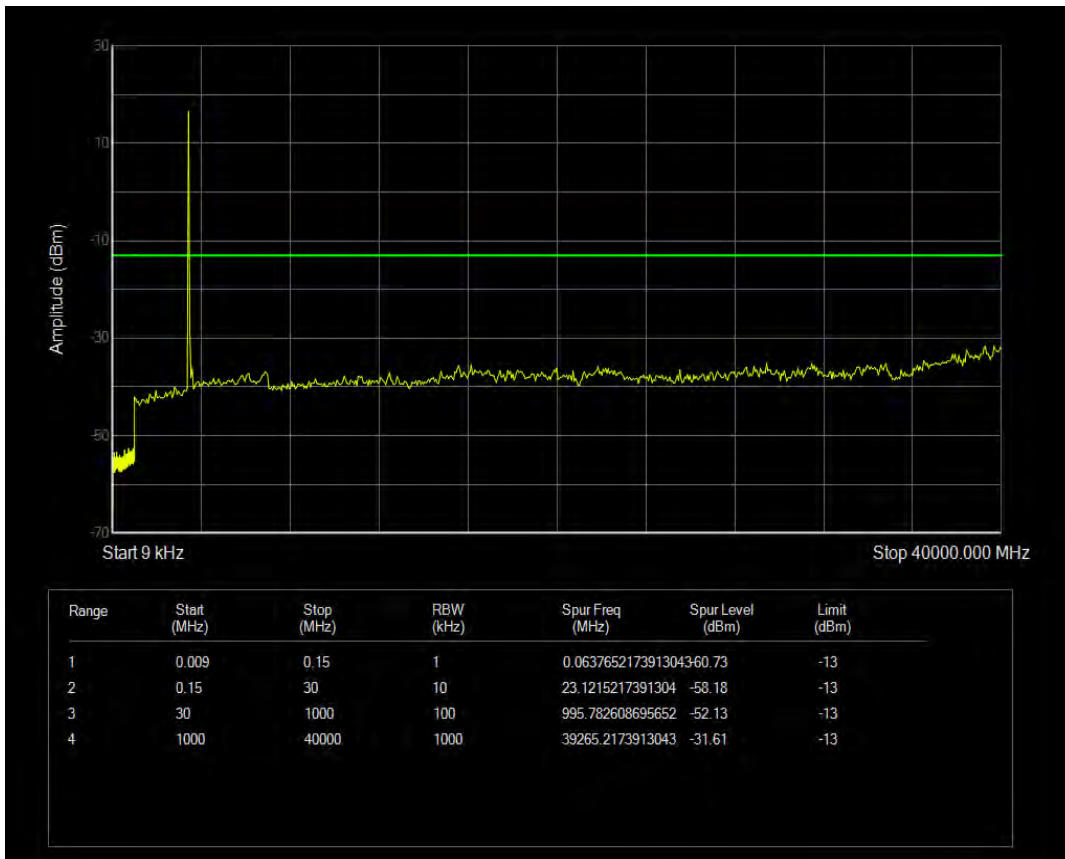
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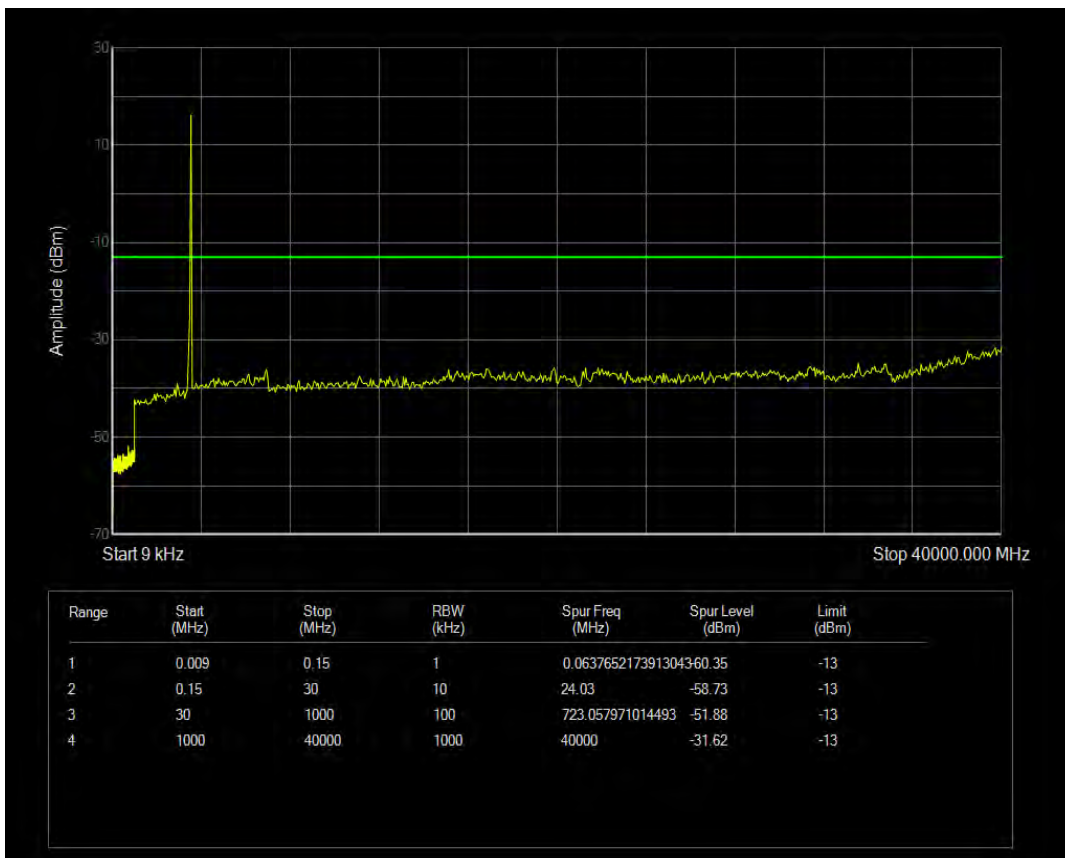
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=273@0



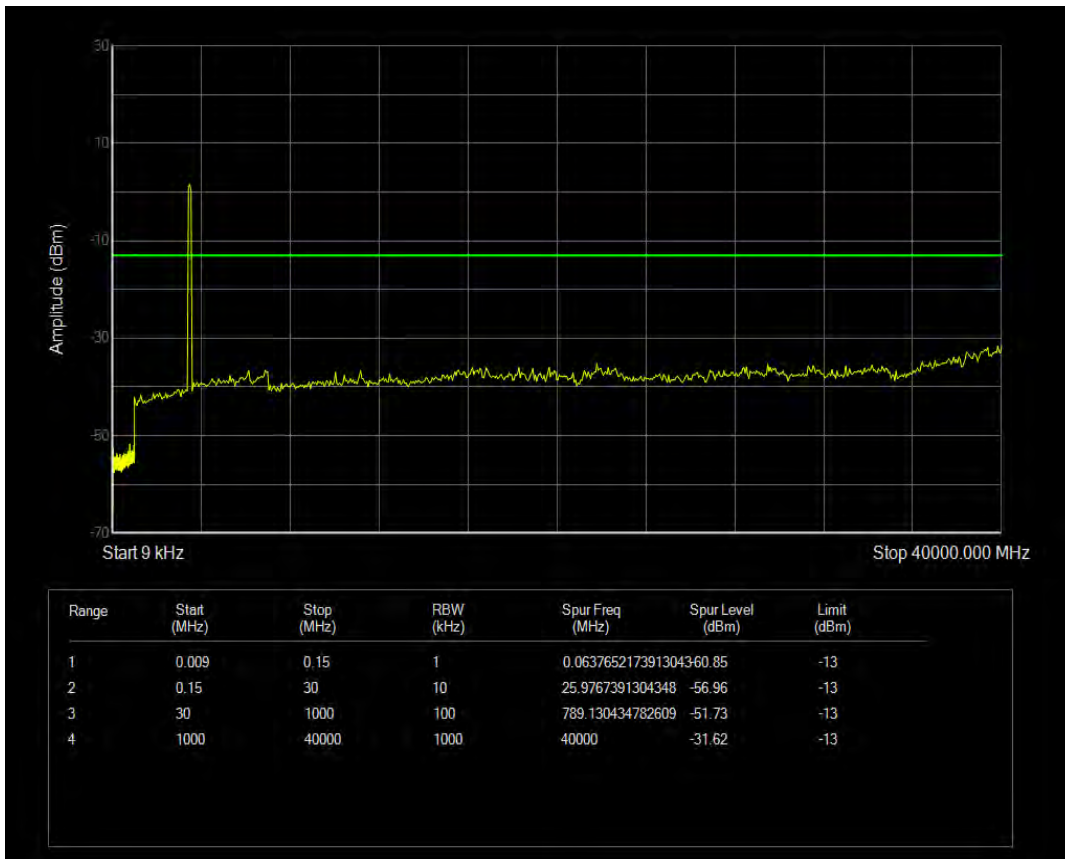
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=1@0



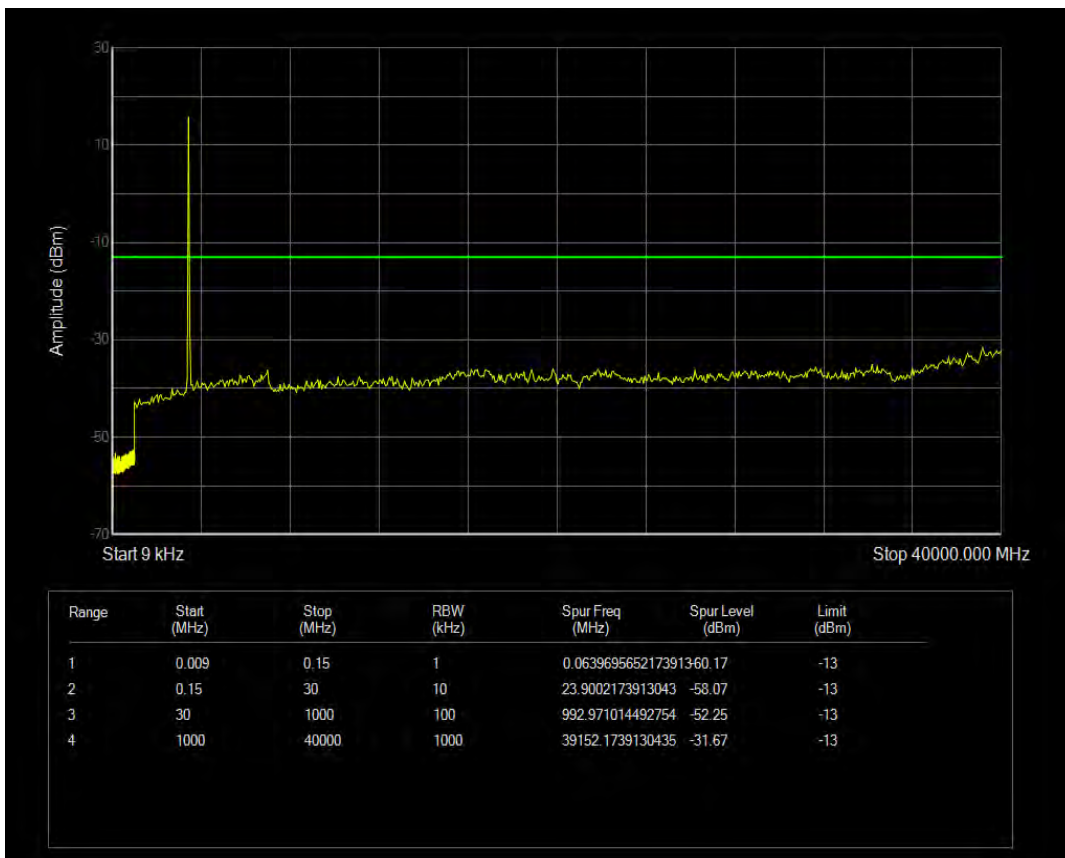
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=1@272



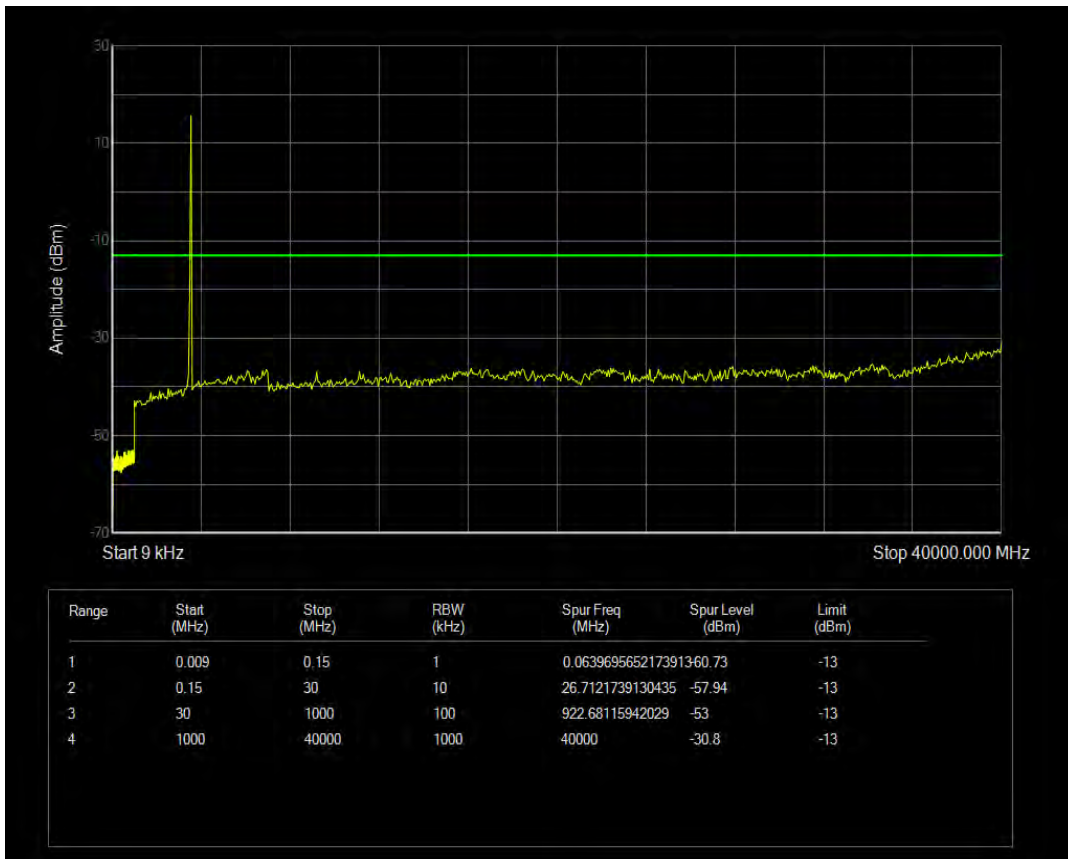
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=273@0



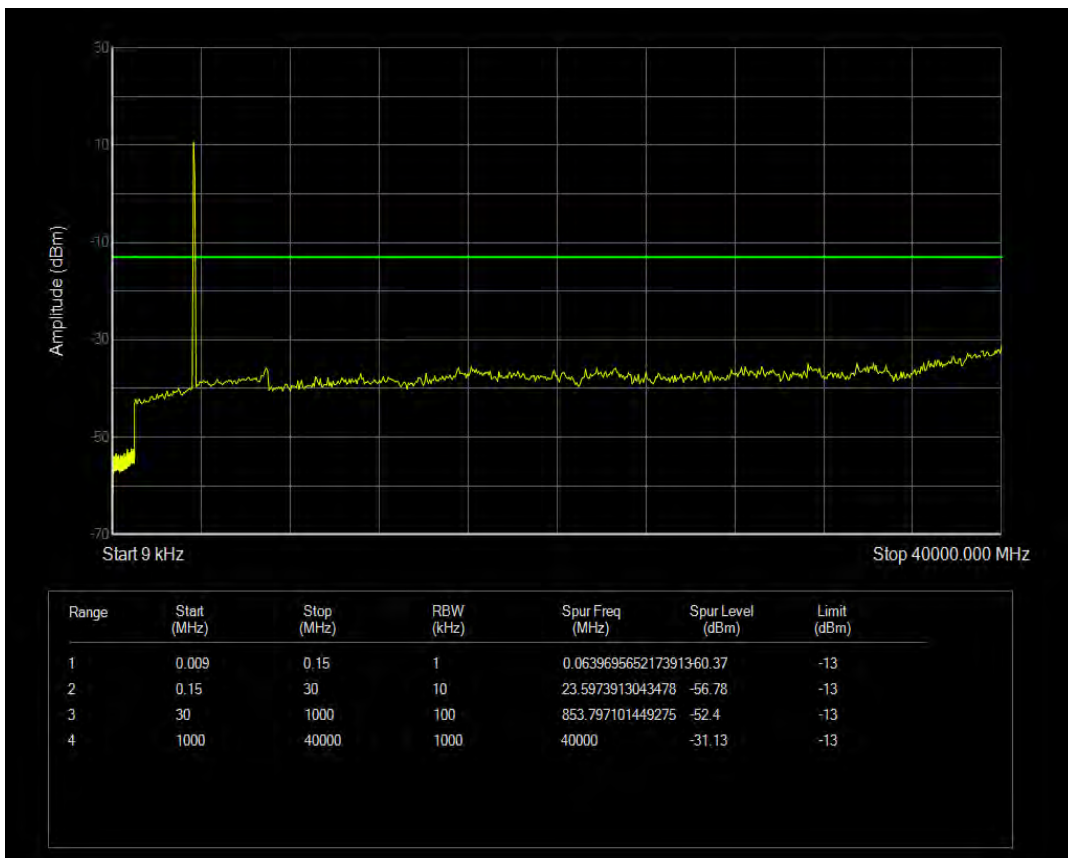
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@0



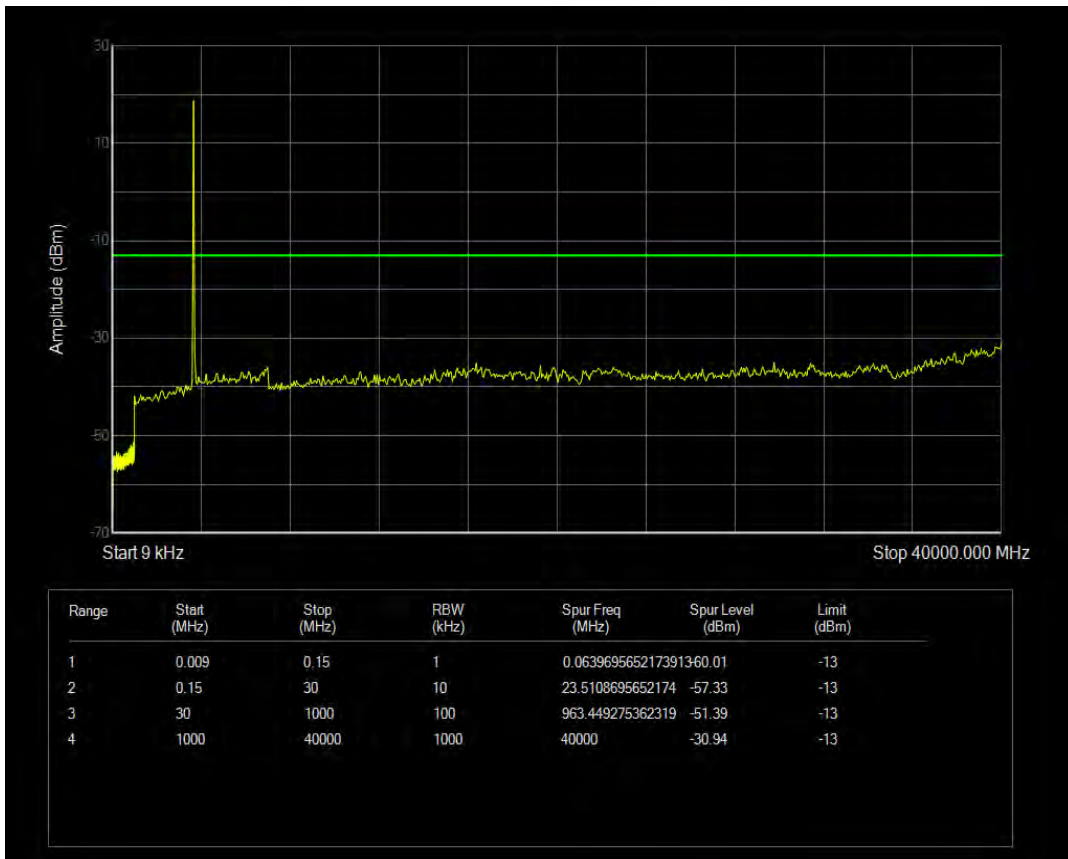
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@272



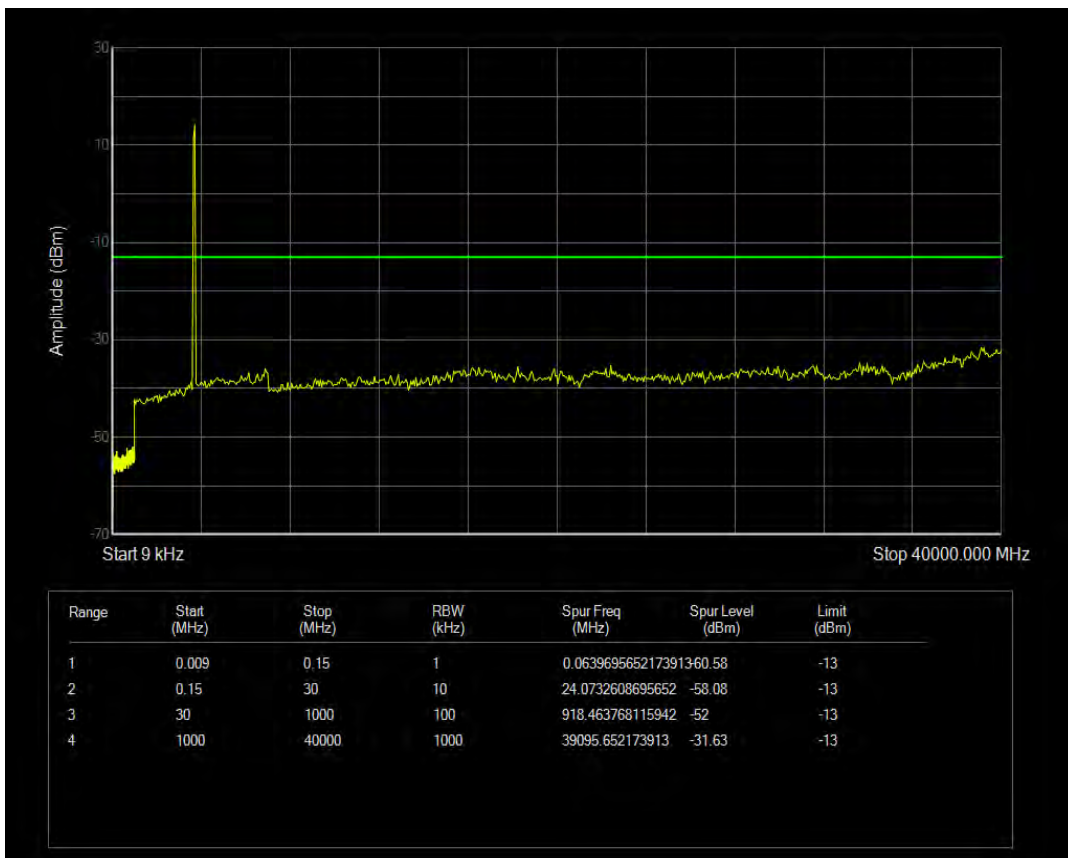
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=24@0



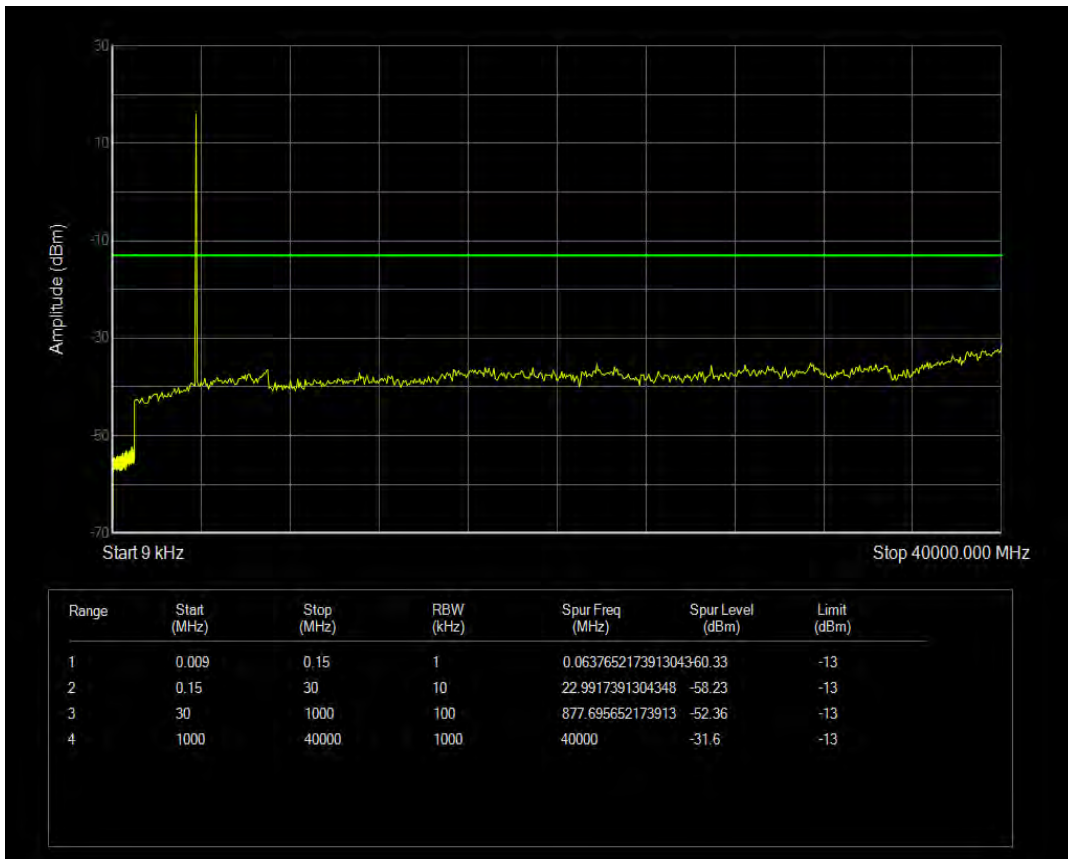
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1@0



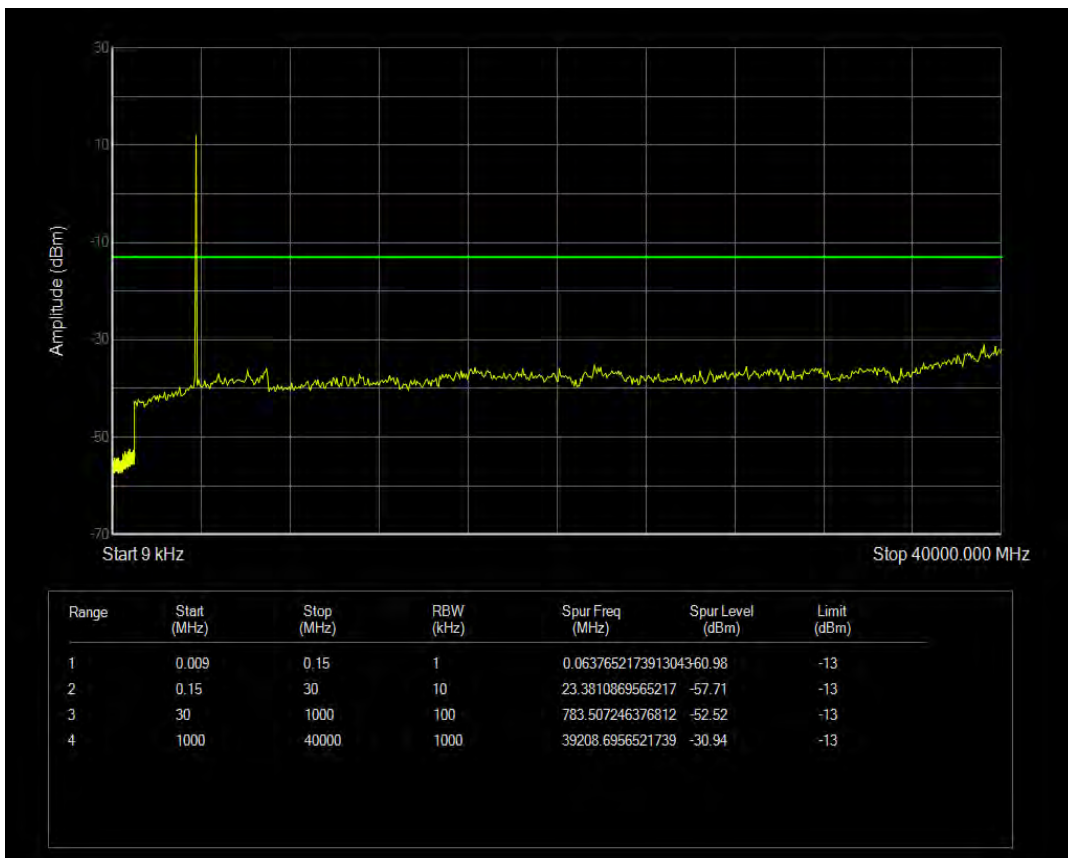
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1 @23



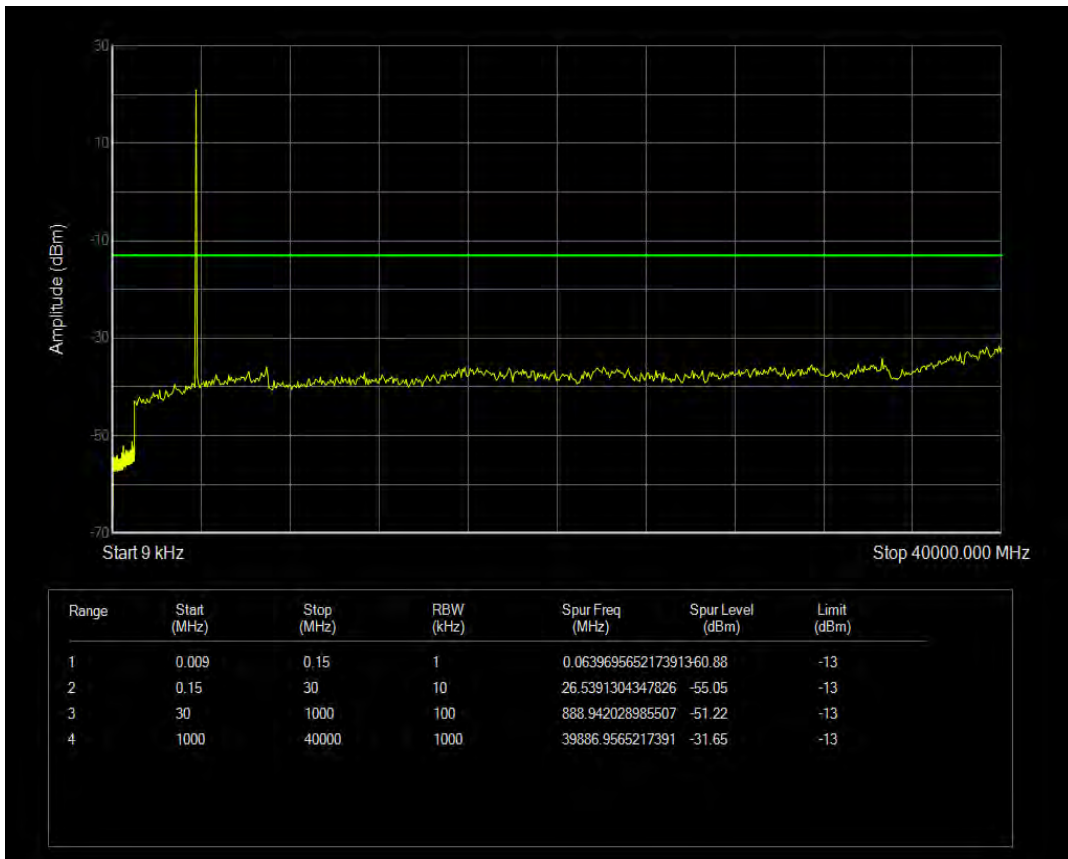
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1 @0



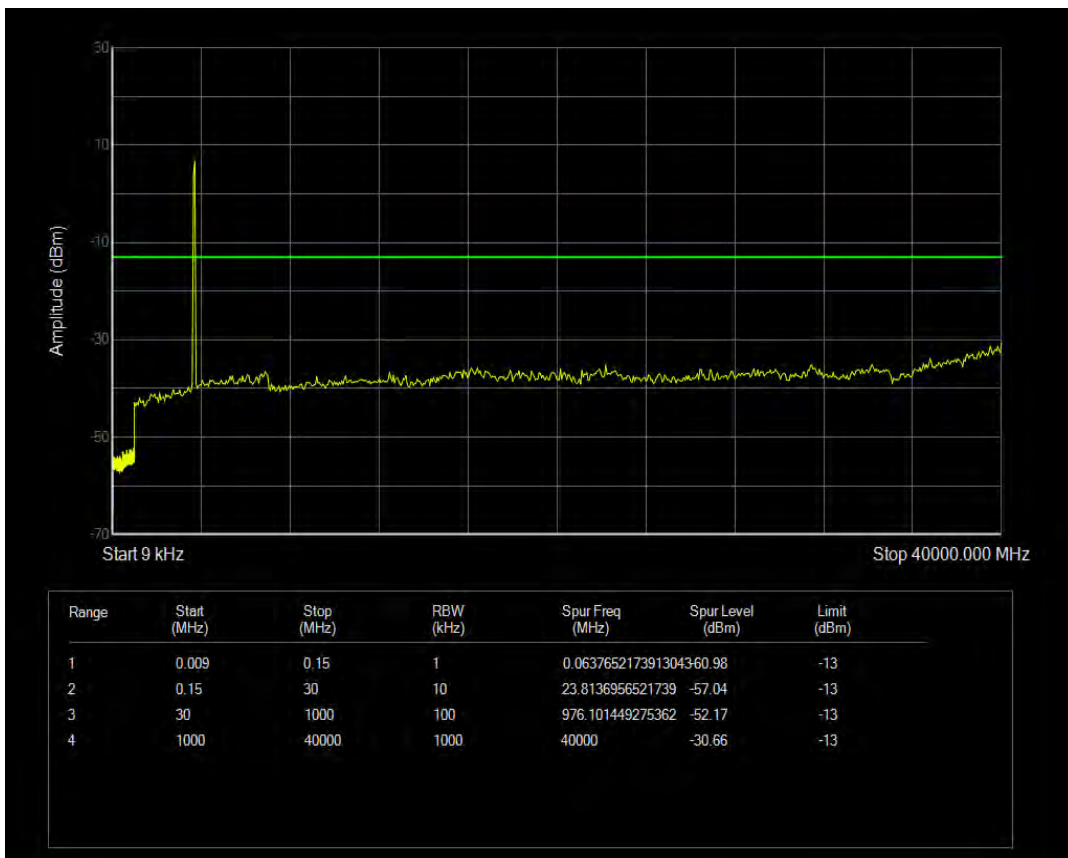
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=24@0



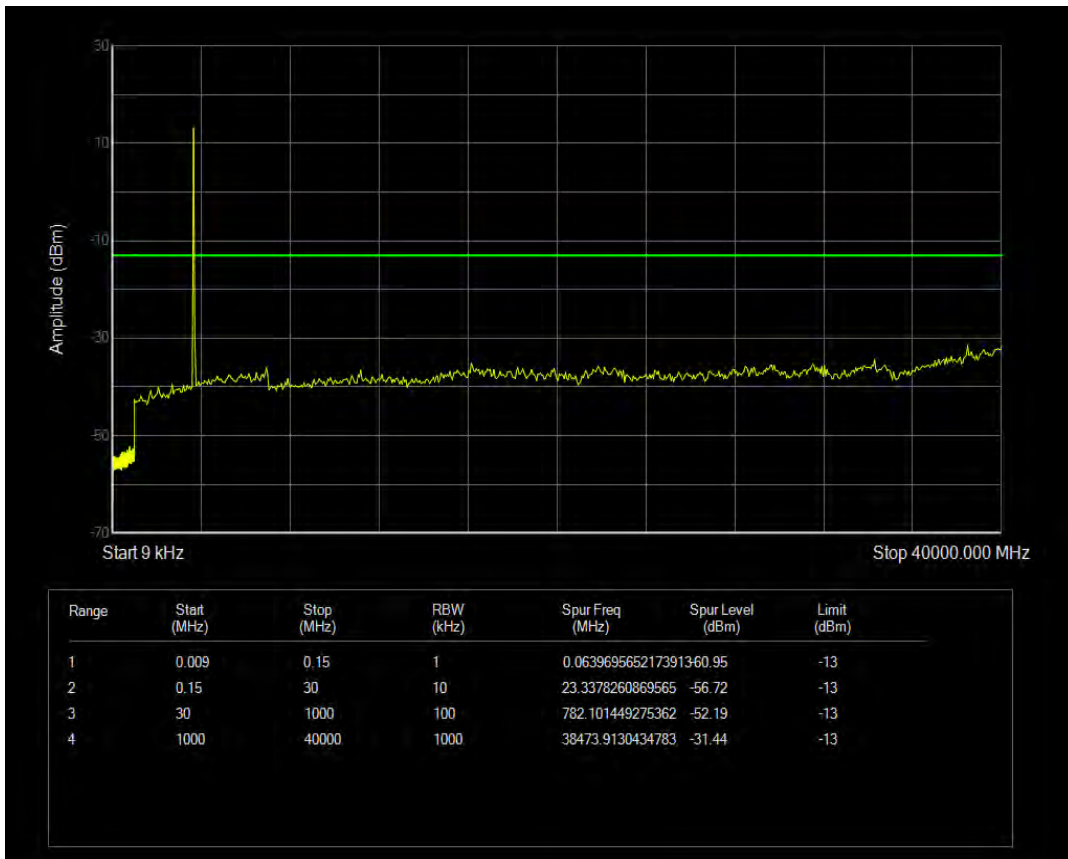
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1@23



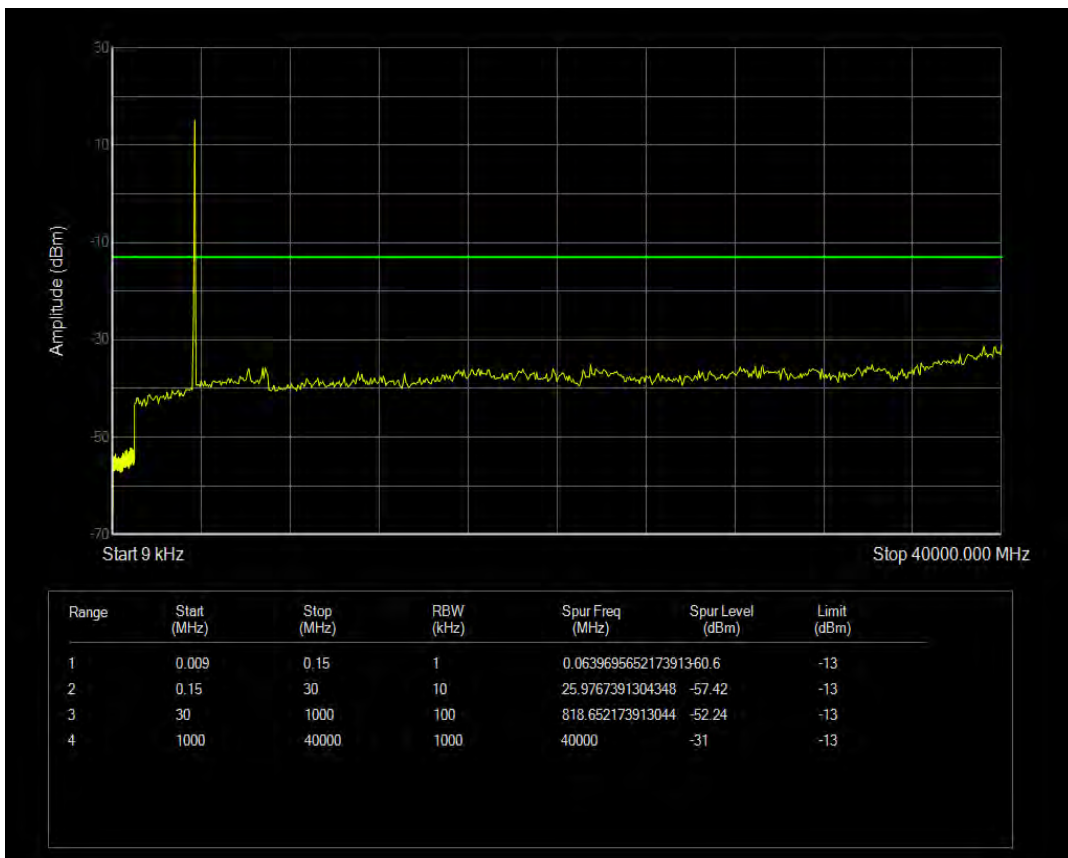
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=133@0



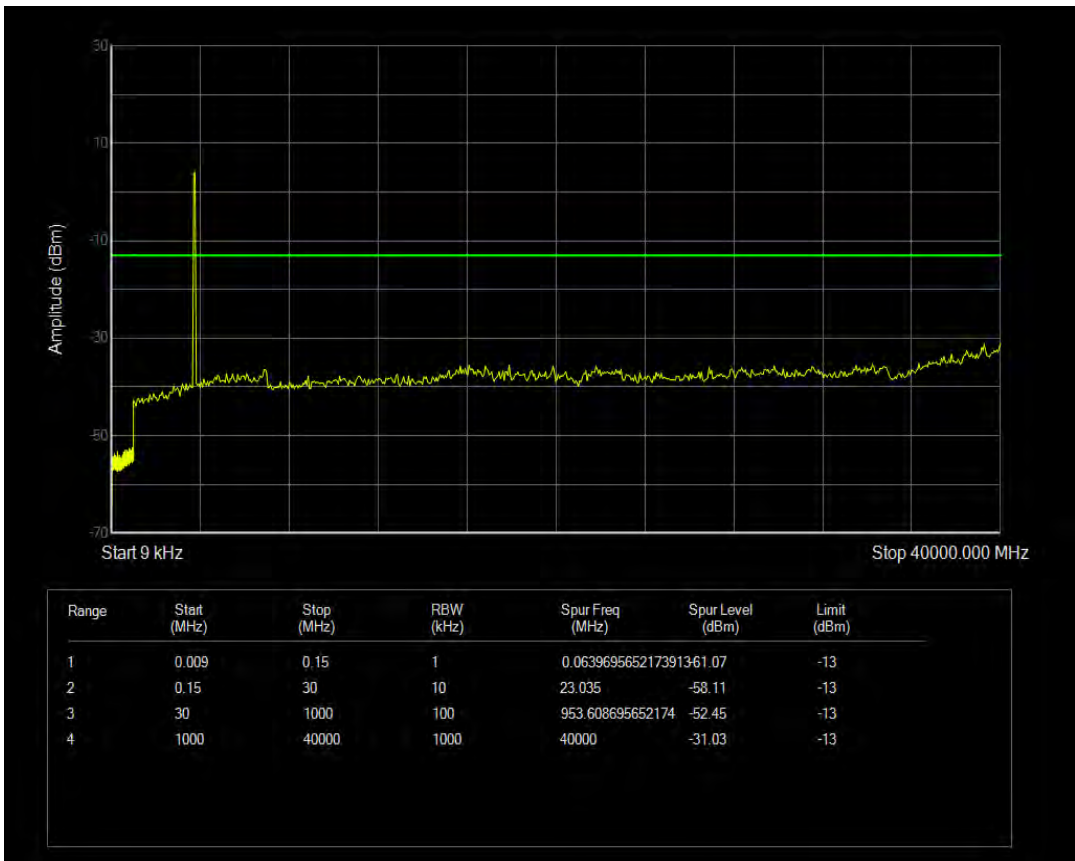
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@0



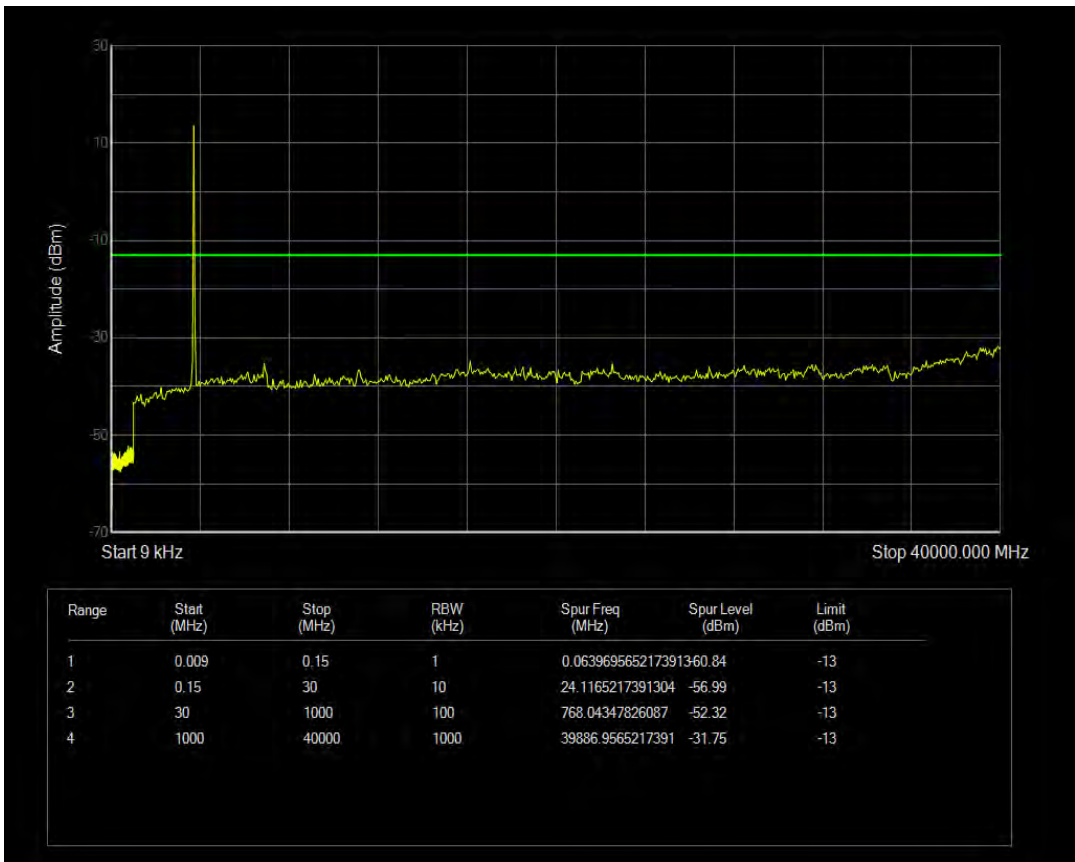
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@132



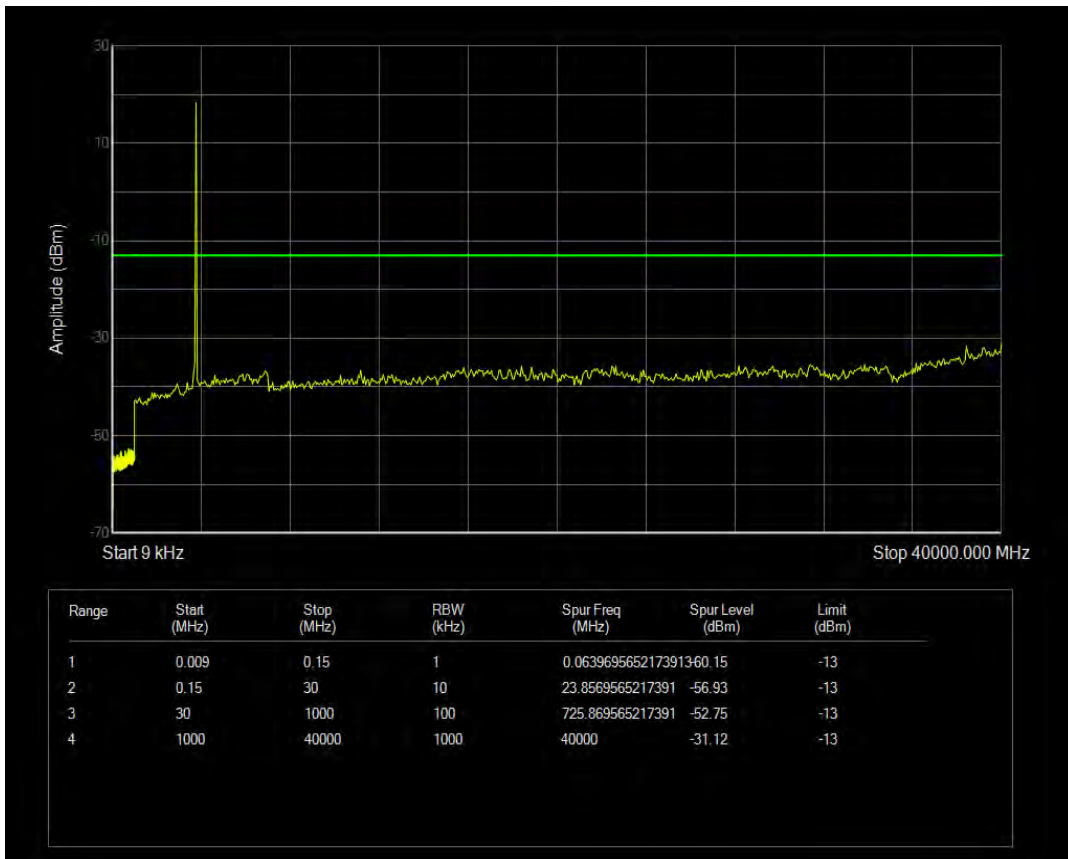
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=133@0



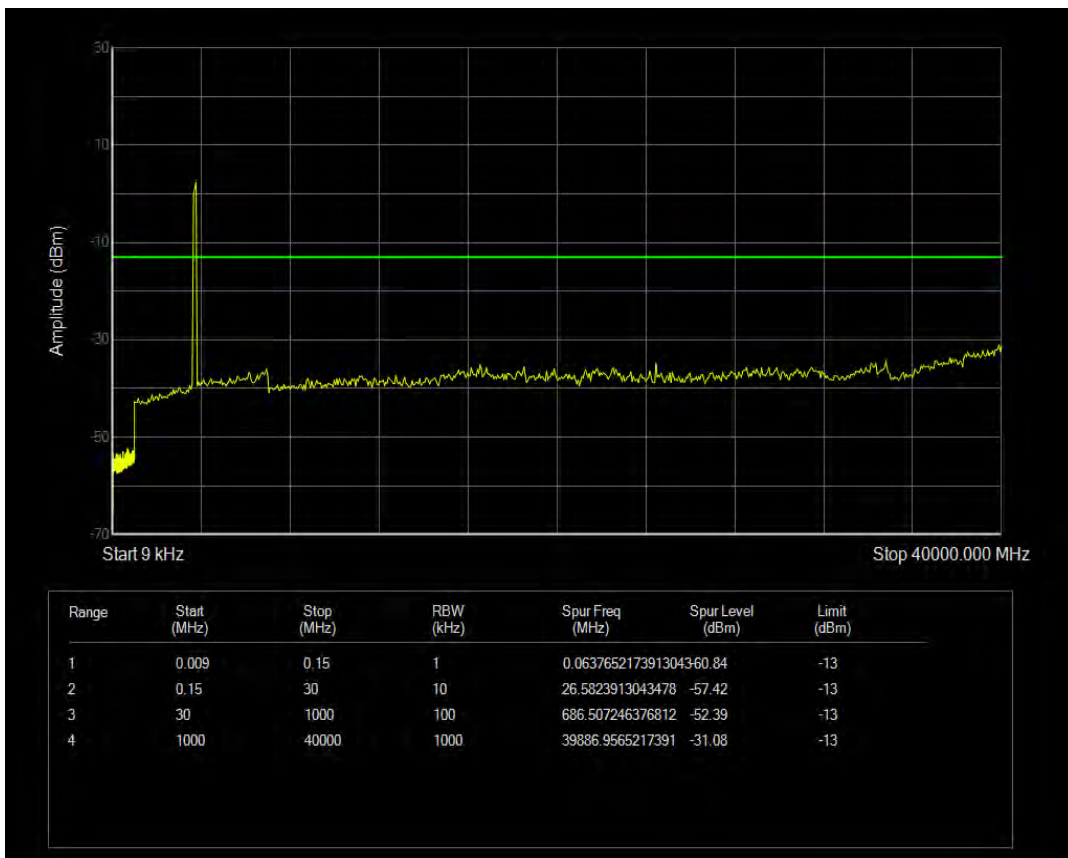
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@0



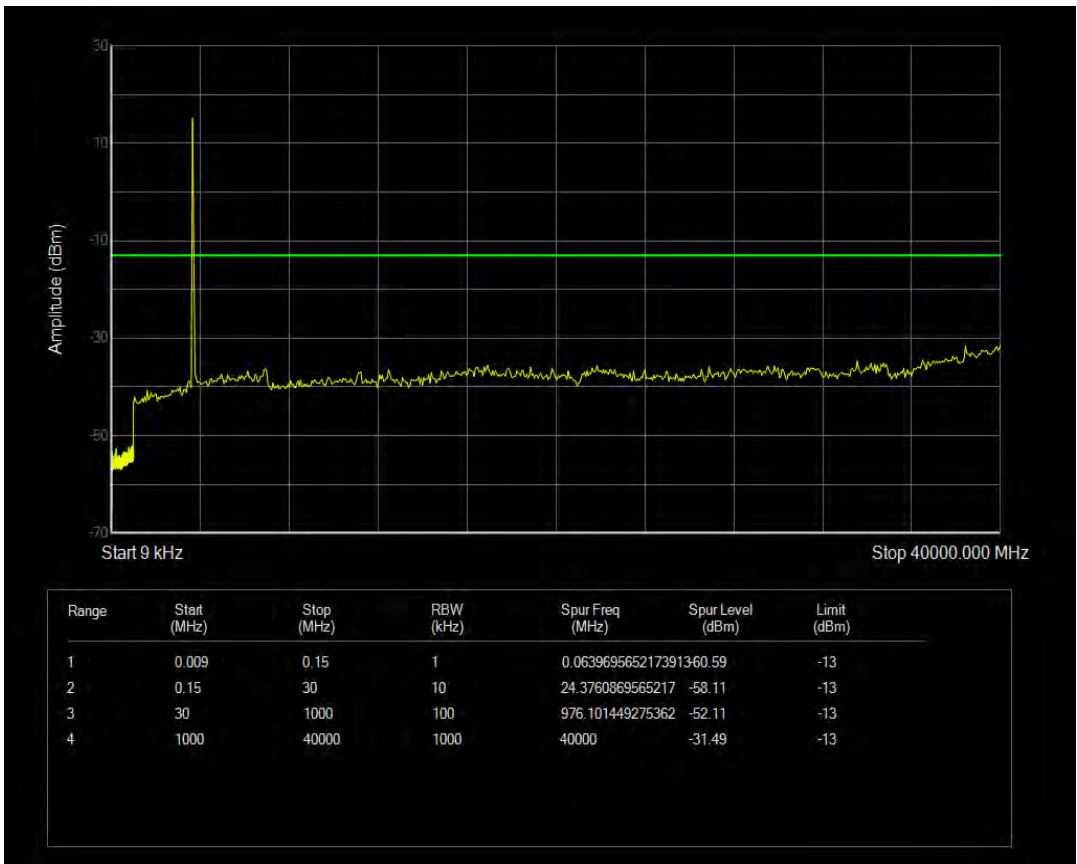
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@132



n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=273@0



n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1@0



n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1 @272

