



n78 SCS=30kHz DFT_QAM64 BW=60MHz Channel=636666 RB=162@0



n78 SCS=30kHz DFT_QAM64 BW=80MHz Channel=636666 RB=216@0



n78 SCS=30kHz DFT_QAM64 BW=90MHz Channel=636666 RB=240@0



n78 SCS=30kHz DFT_QPSK BW=60MHz Channel=636666 RB=162@0



n78 SCS=30kHz DFT_QPSK BW=80MHz Channel=636666 RB=216@0



n78 SCS=30kHz DFT_QPSK BW=90MHz Channel=636666 RB=240@0



n78 SCS=30kHz DFT_QPSK BW=20MHz Channel=636666 RB=50@0



n78 SCS=30kHz DFT_QPSK BW=40MHz Channel=636666 RB=100@0



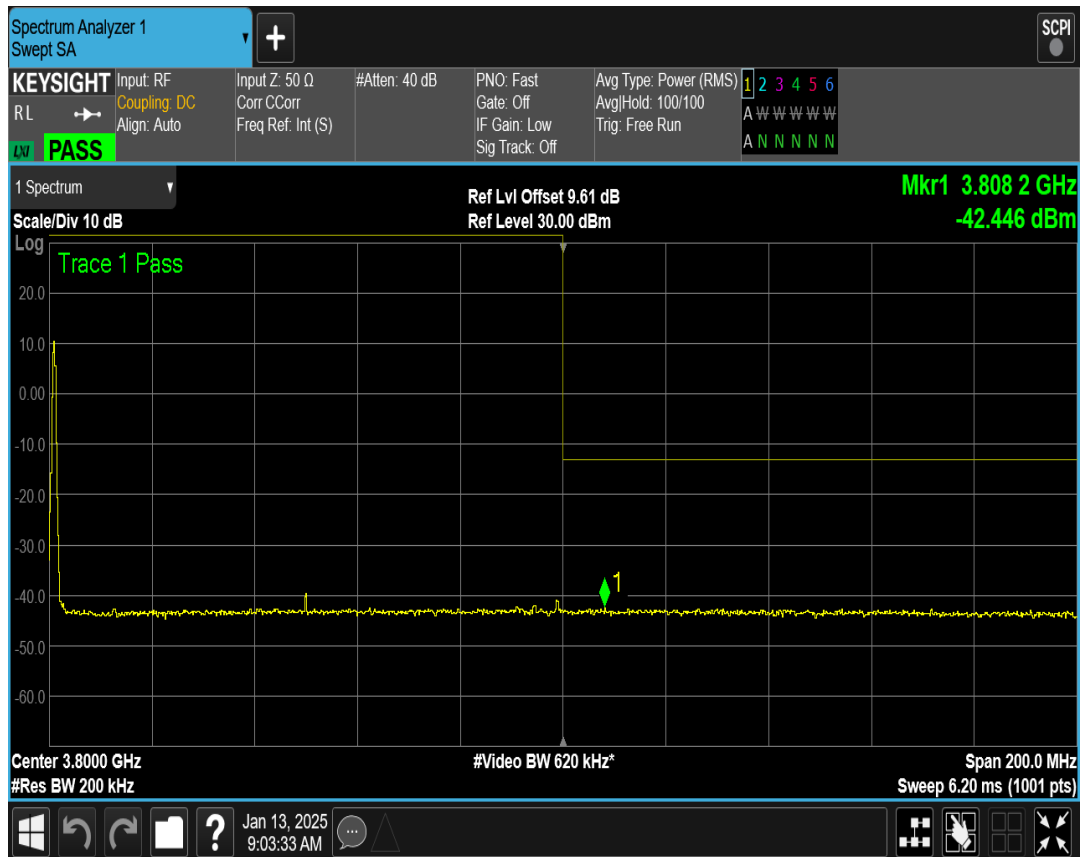
n78 SCS=30kHz DFT_QPSK BW=50MHz Channel=636666 RB=128@0



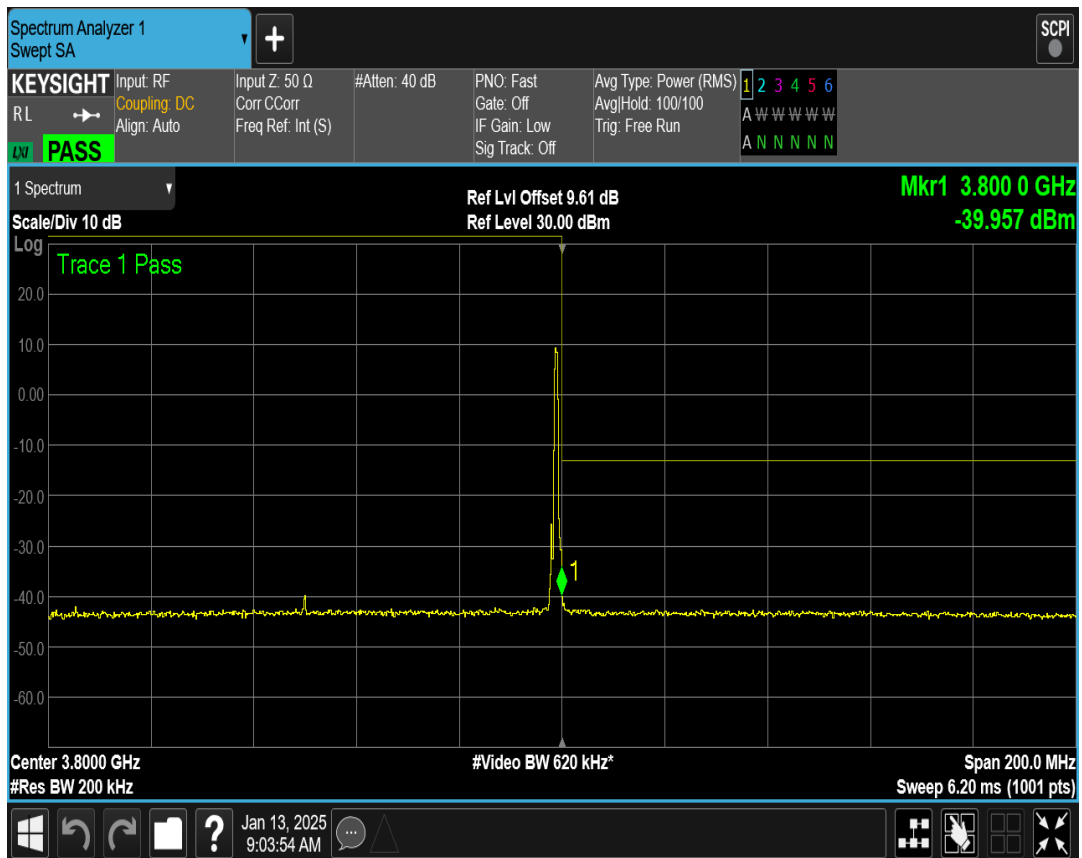
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78	30	10	620334	24@0	CP_QPSK	3299.98	-30.81	-13	PASS
n78	30	10	620334	1@0	CP_QPSK	3299.92	-41.10	-13	PASS
n78	30	10	620334	1@23	CP_QPSK	3294.38	-44.97	-13	PASS
n78	30	10	653000	24@0	CP_QPSK	3800.52	-41.76	-13	PASS
n78	30	10	653000	1@0	CP_QPSK	3800.36	-42.16	-13	PASS
n78	30	10	653000	1@23	CP_QPSK	3800.04	-35.78	-13	PASS
n78	30	50	621668	133@0	CP_QPSK	3295.10	-36.51	-13	PASS
n78	30	50	621668	1@0	CP_QPSK	3300.00	-41.18	-13	PASS
n78	30	50	621668	1@132	CP_QPSK	3290.30	-46.10	-13	PASS
n78	30	50	651666	133@0	CP_QPSK	3800.70	-36.70	-13	PASS
n78	30	50	651666	1@0	CP_QPSK	3826.20	-42.32	-13	PASS
n78	30	50	651666	1@132	CP_QPSK	3800.00	-33.52	-13	PASS
n78	30	100	623334	273@0	CP_QPSK	3300.00	-21.88	-13	PASS
n78	30	100	623334	1@0	CP_QPSK	3300.00	-31.19	-13	PASS
n78	30	100	623334	1@272	CP_QPSK	3242.80	-45.92	-13	PASS
n78	30	100	650000	273@0	CP_QPSK	3800.00	-20.33	-13	PASS
n78	30	100	650000	1@0	CP_QPSK	3808.20	-42.44	-13	PASS
n78	30	100	650000	1@272	CP_QPSK	3800.00	-39.95	-13	PASS

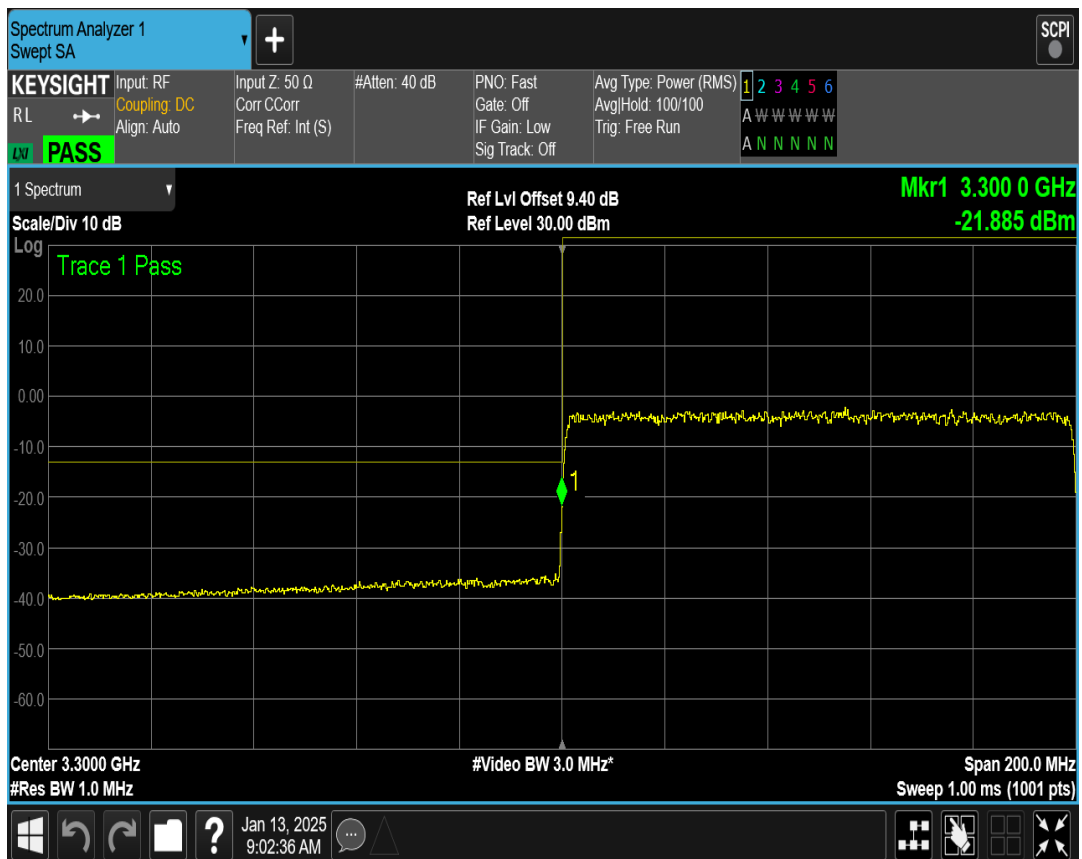
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0



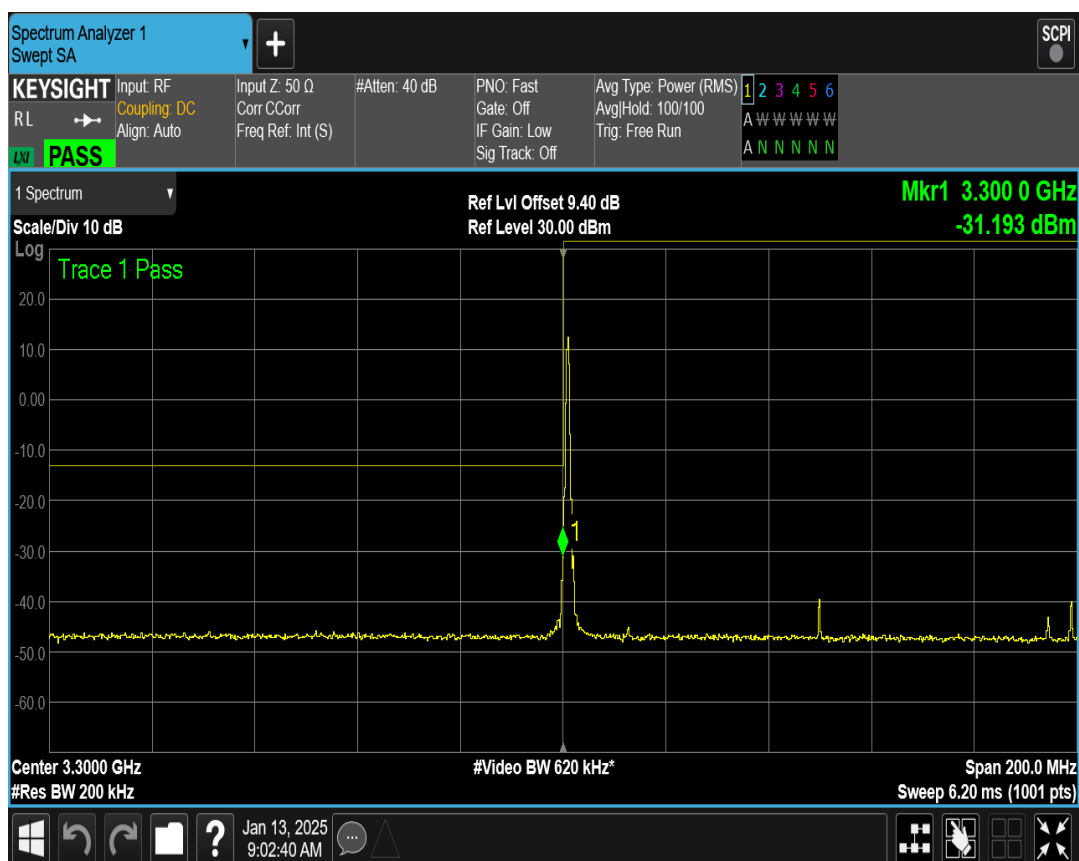
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@272



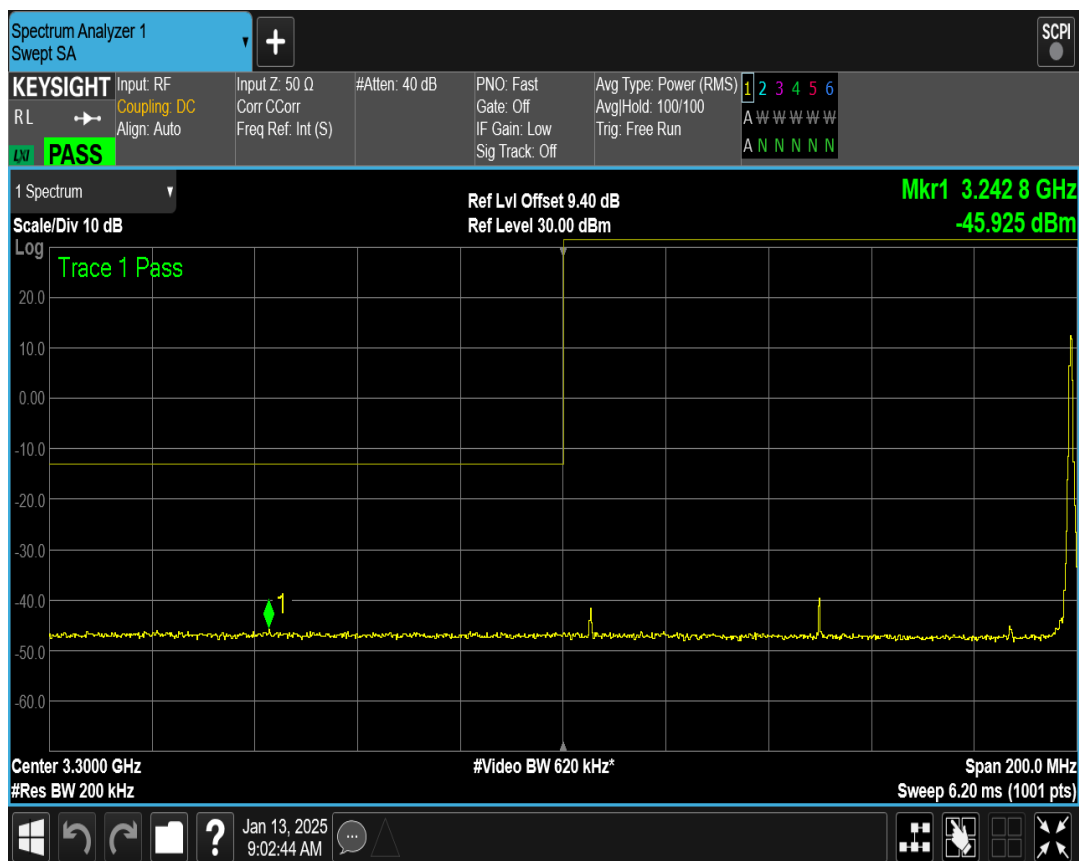
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



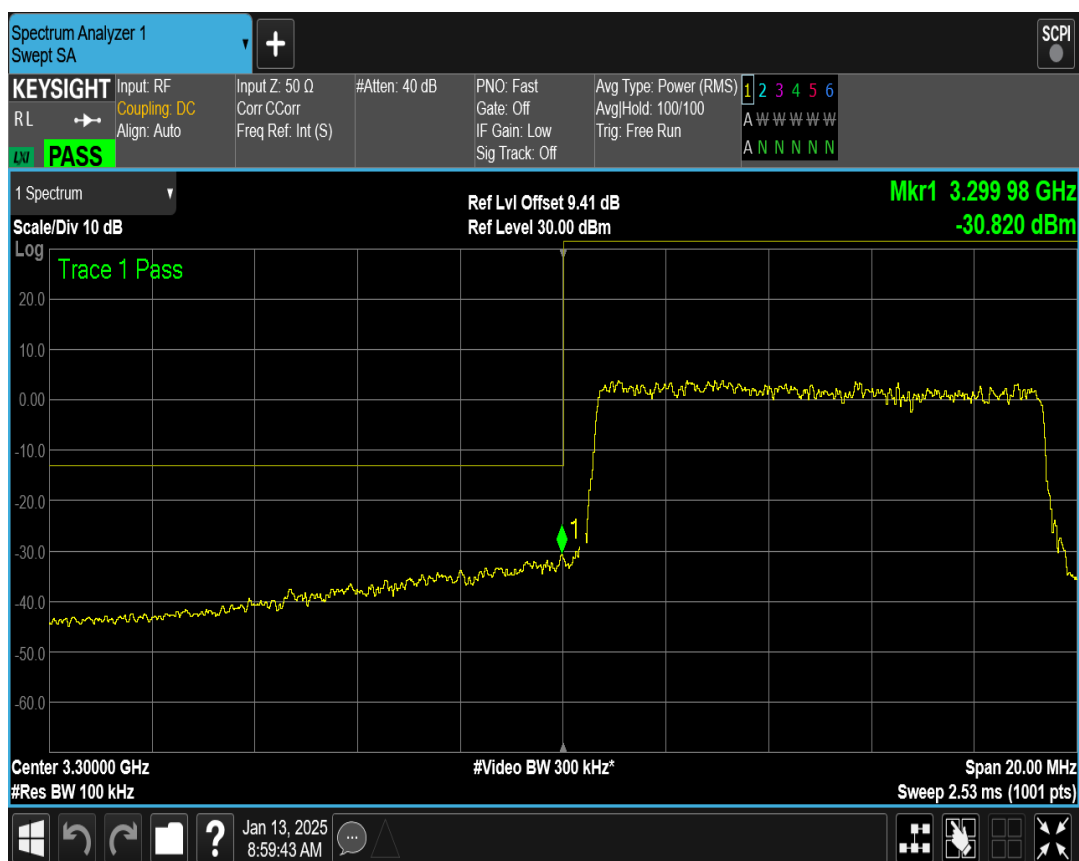
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



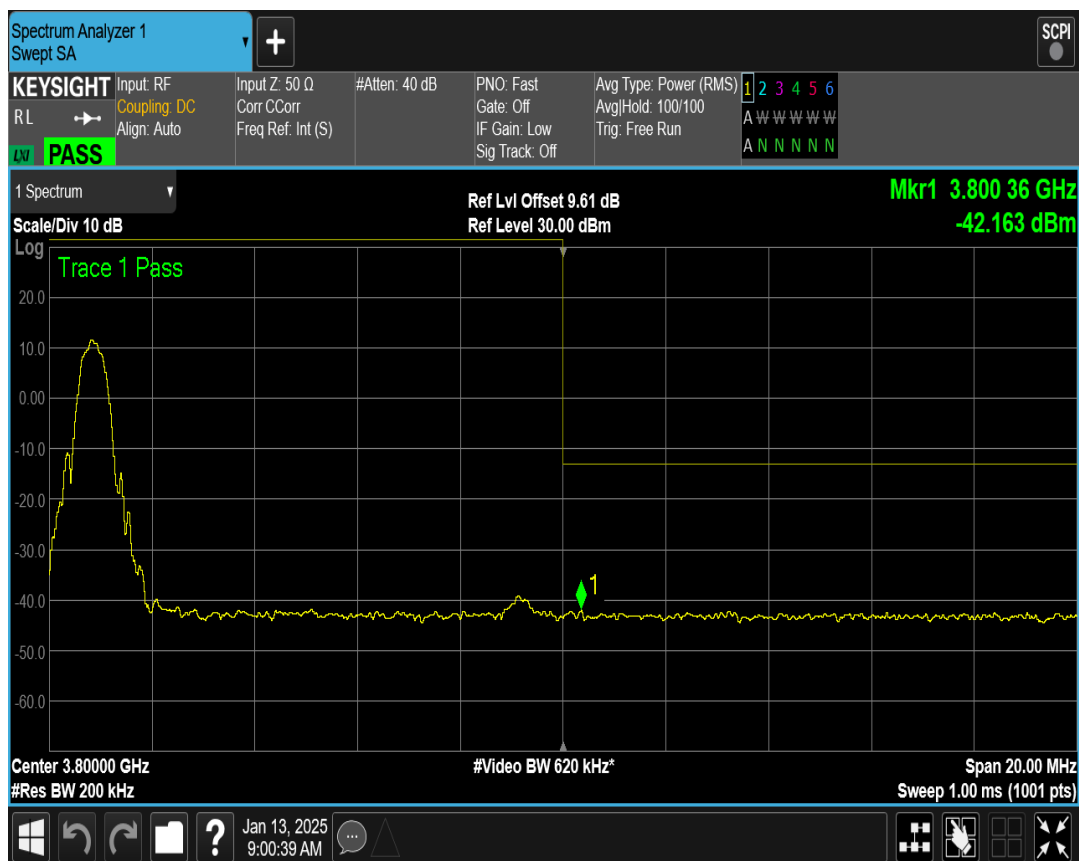
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



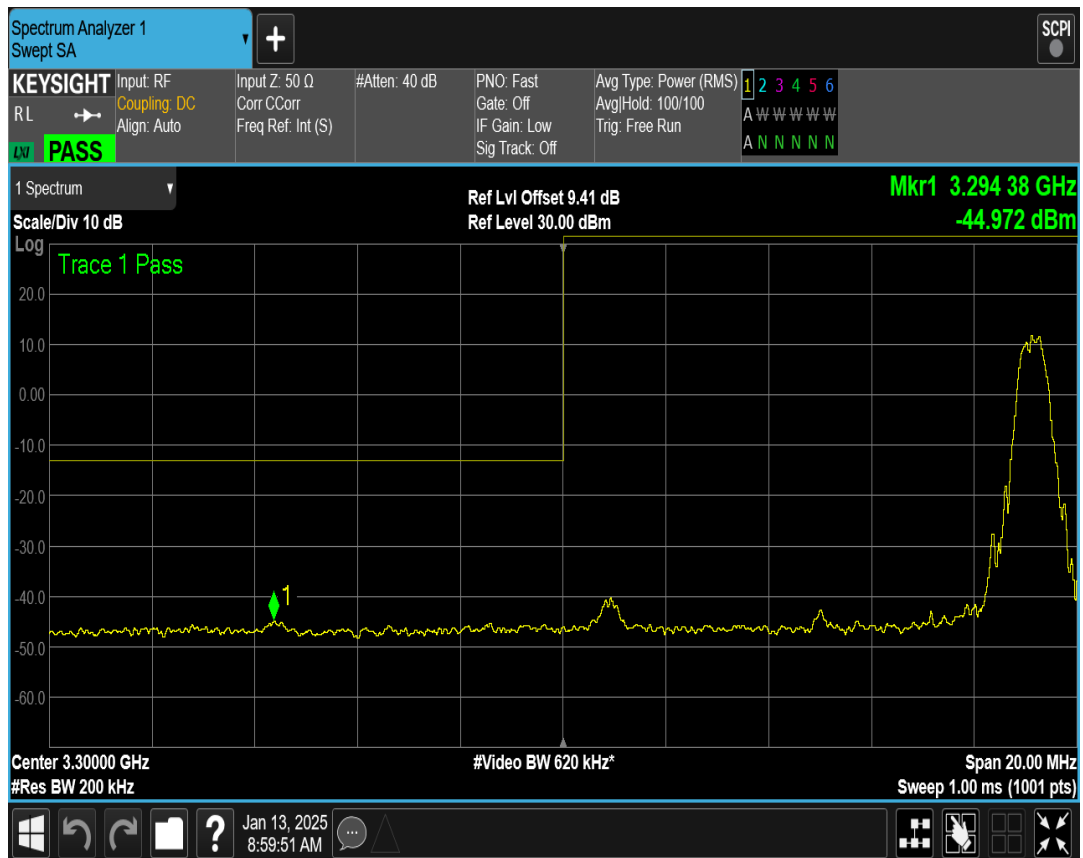
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



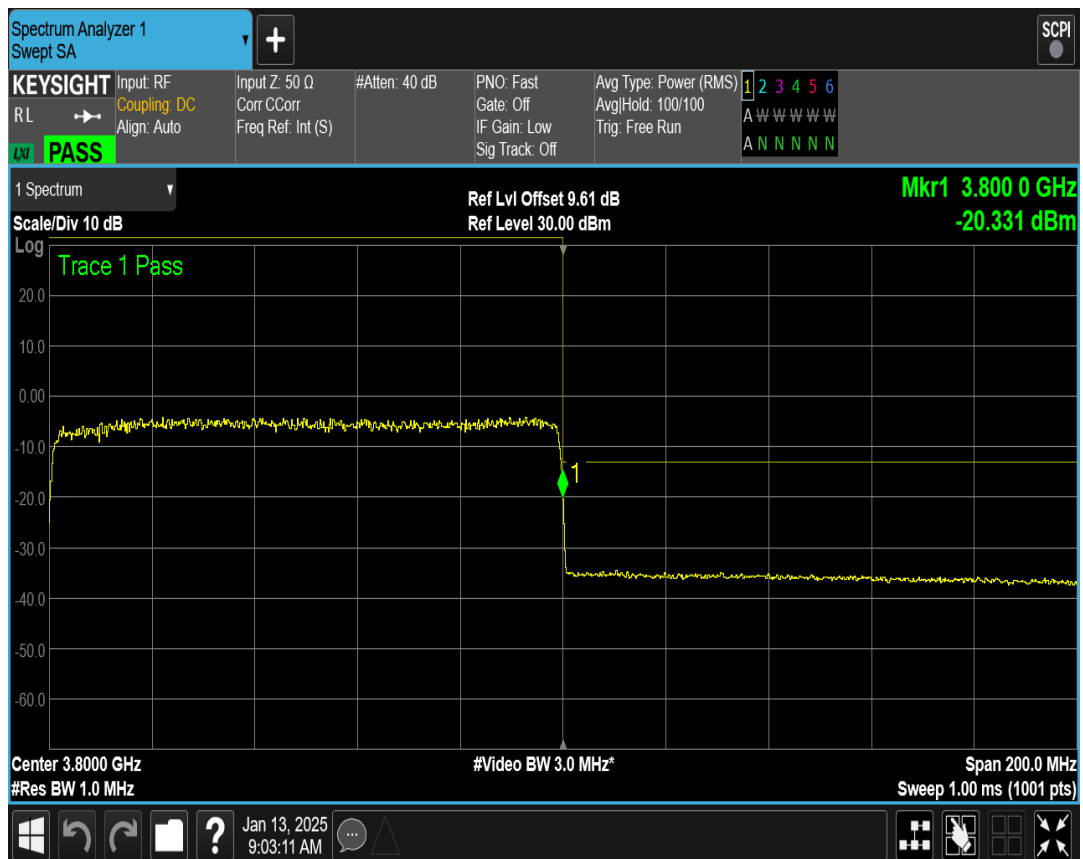
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@0



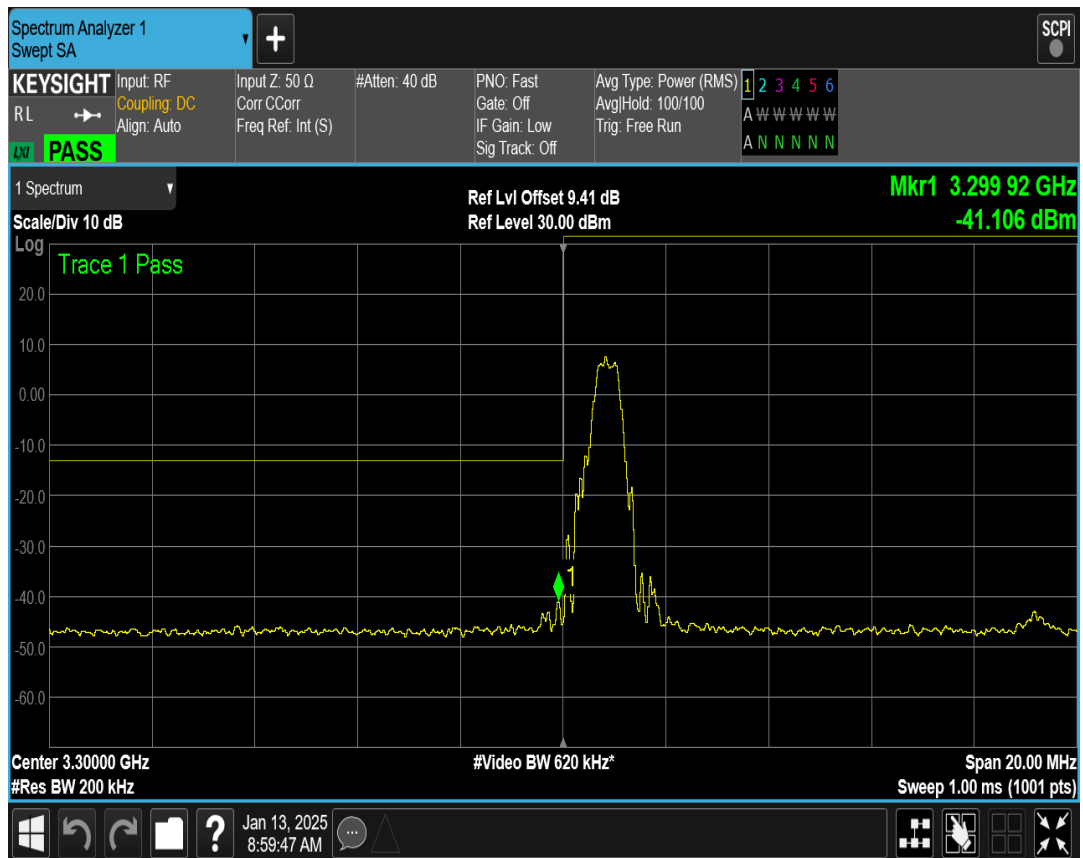
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23



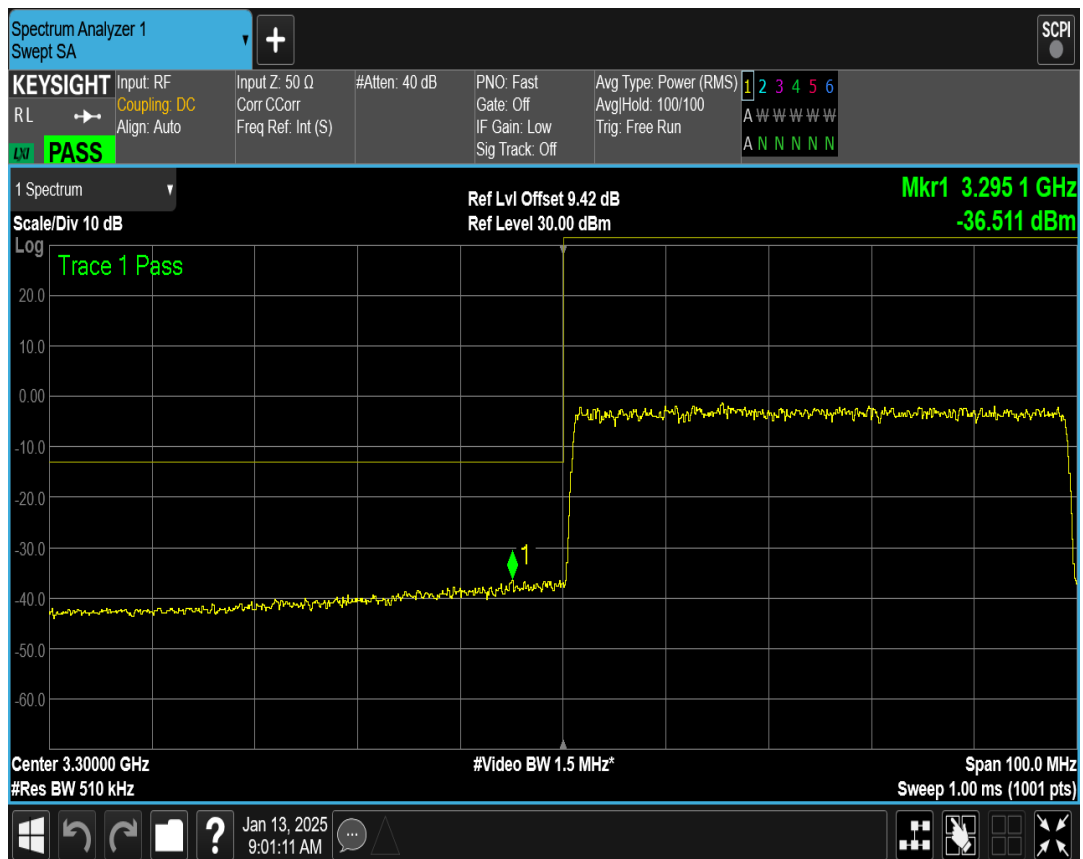
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



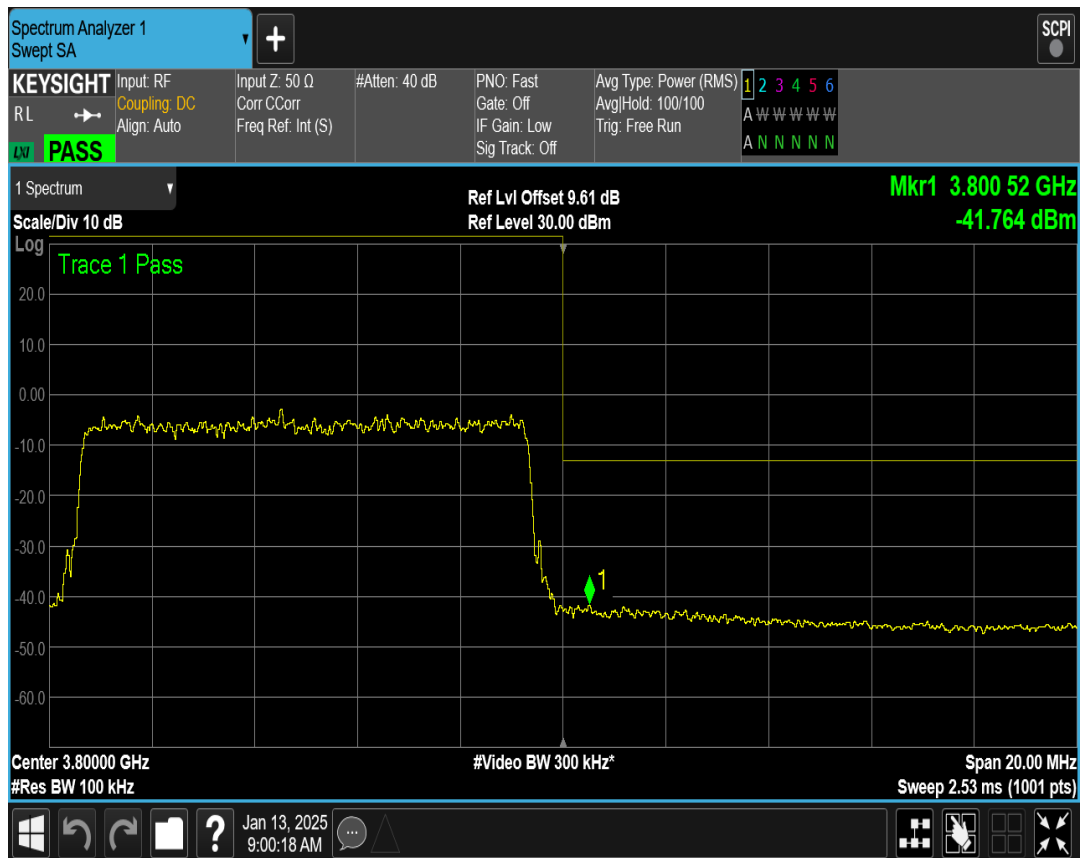
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



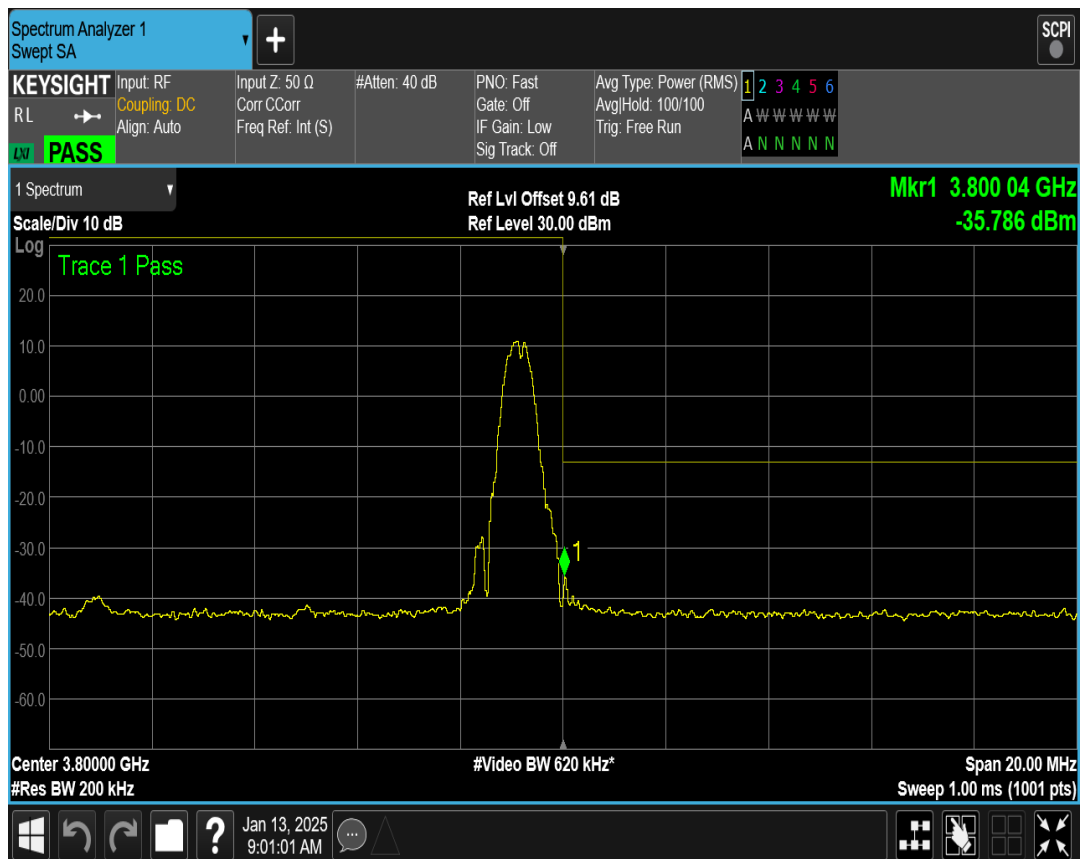
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



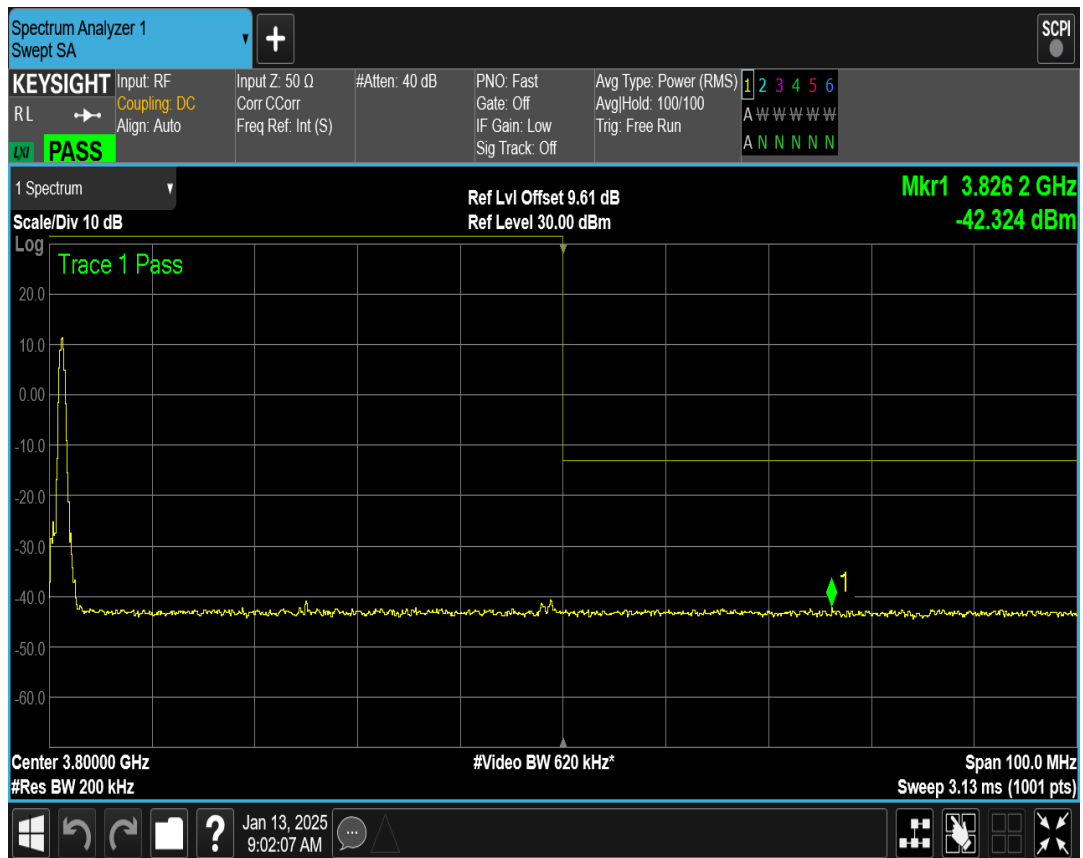
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=24@0



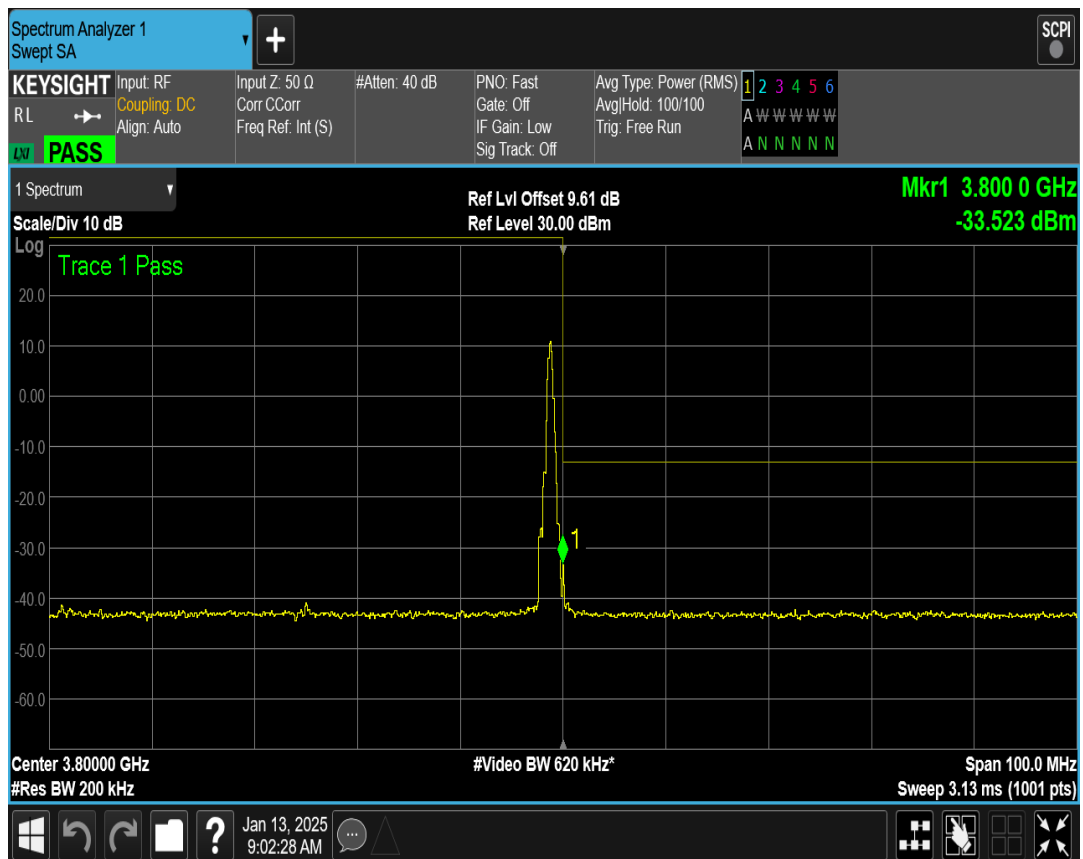
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@23



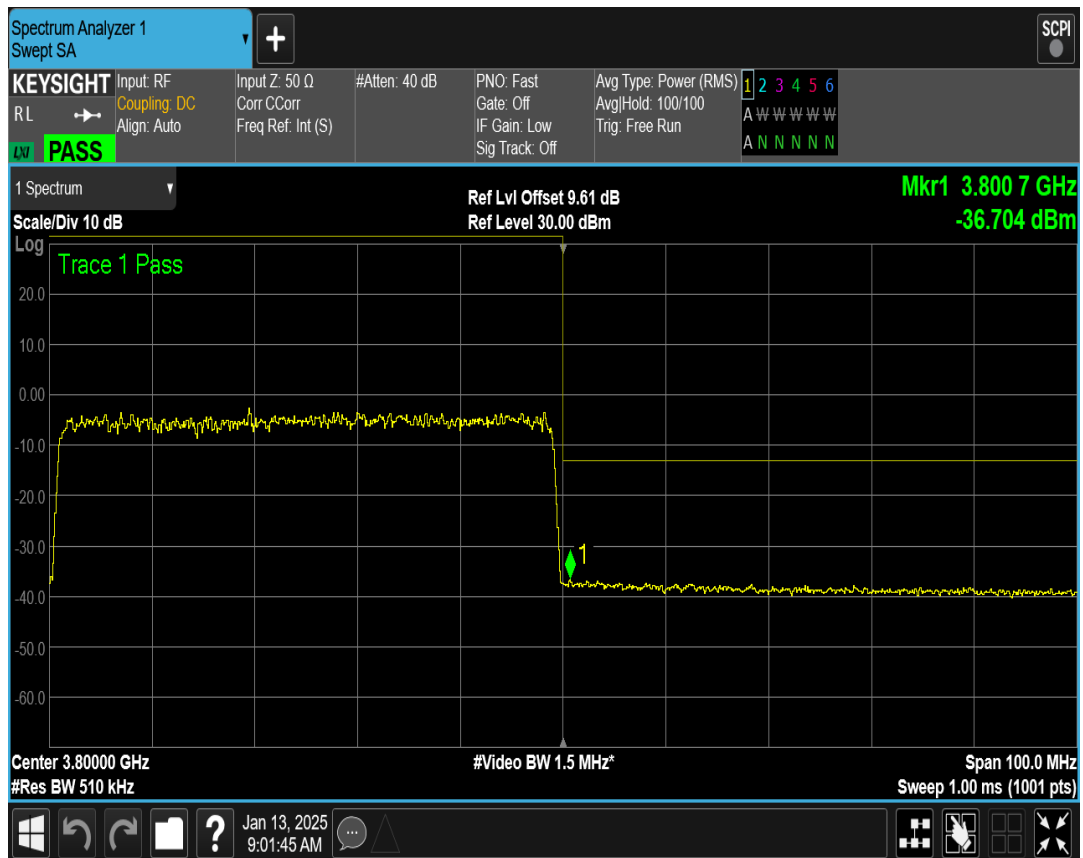
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@0



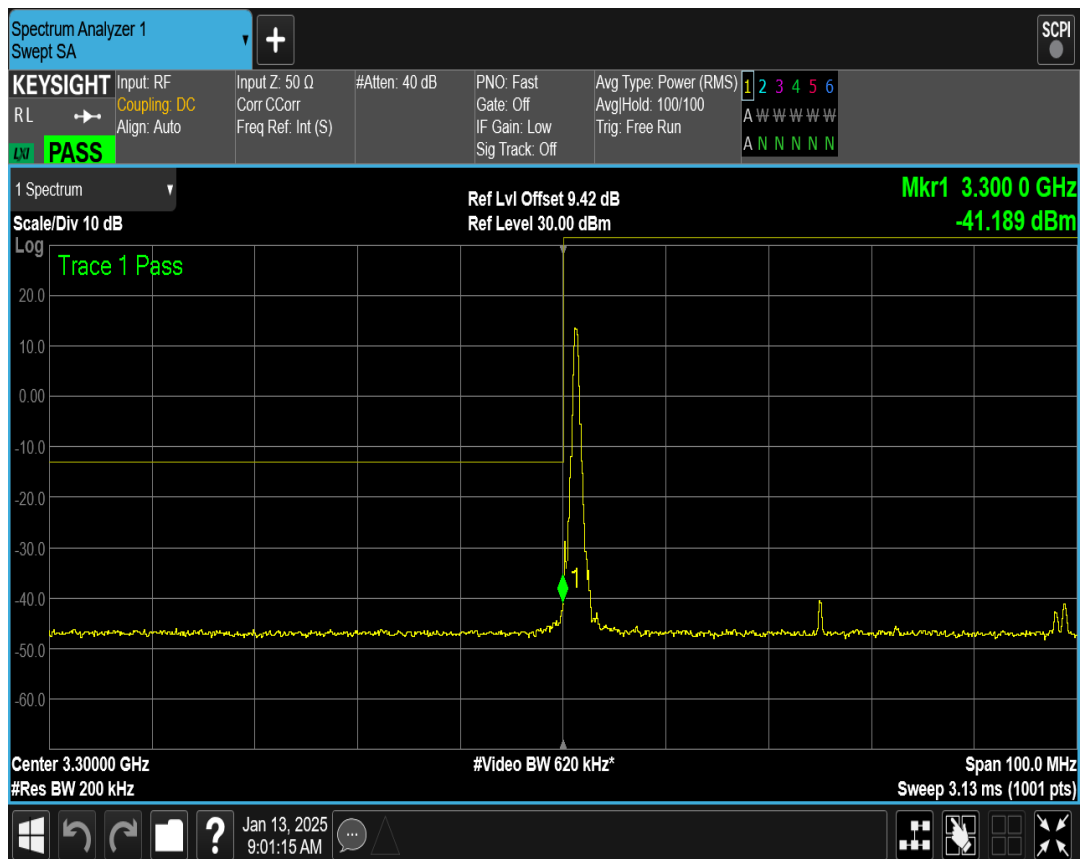
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@132



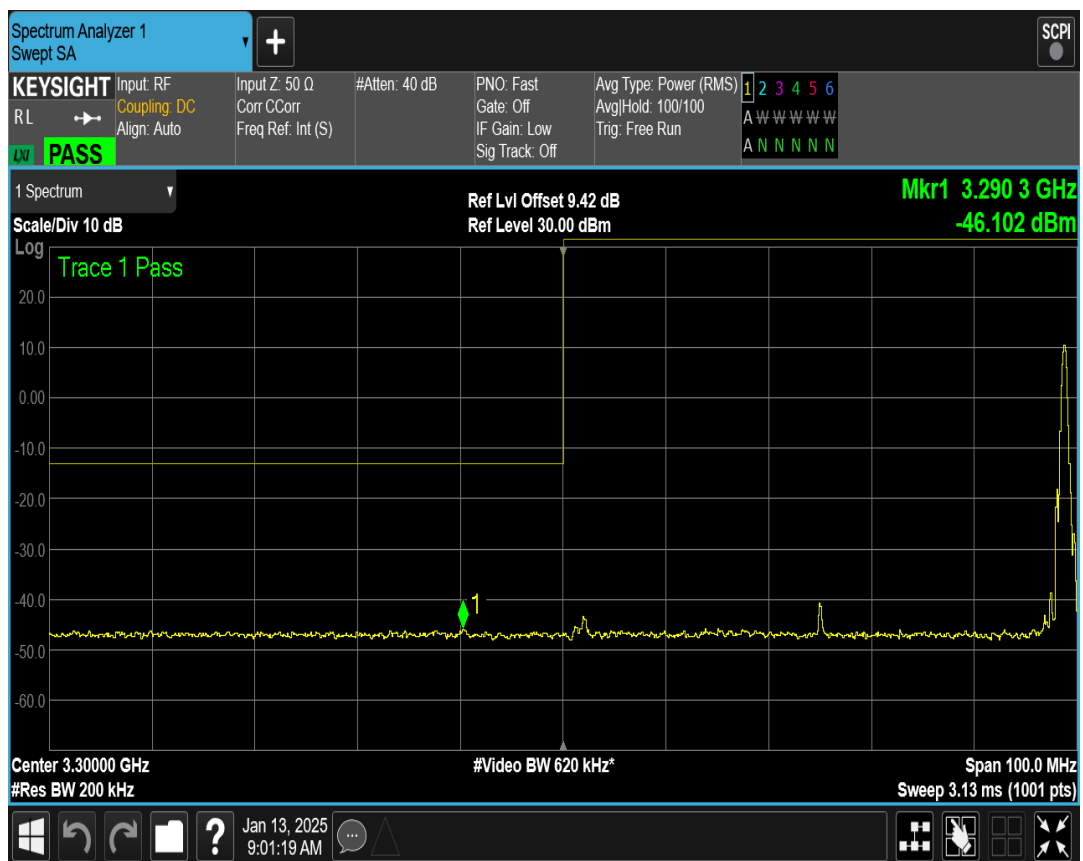
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=133@0



n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



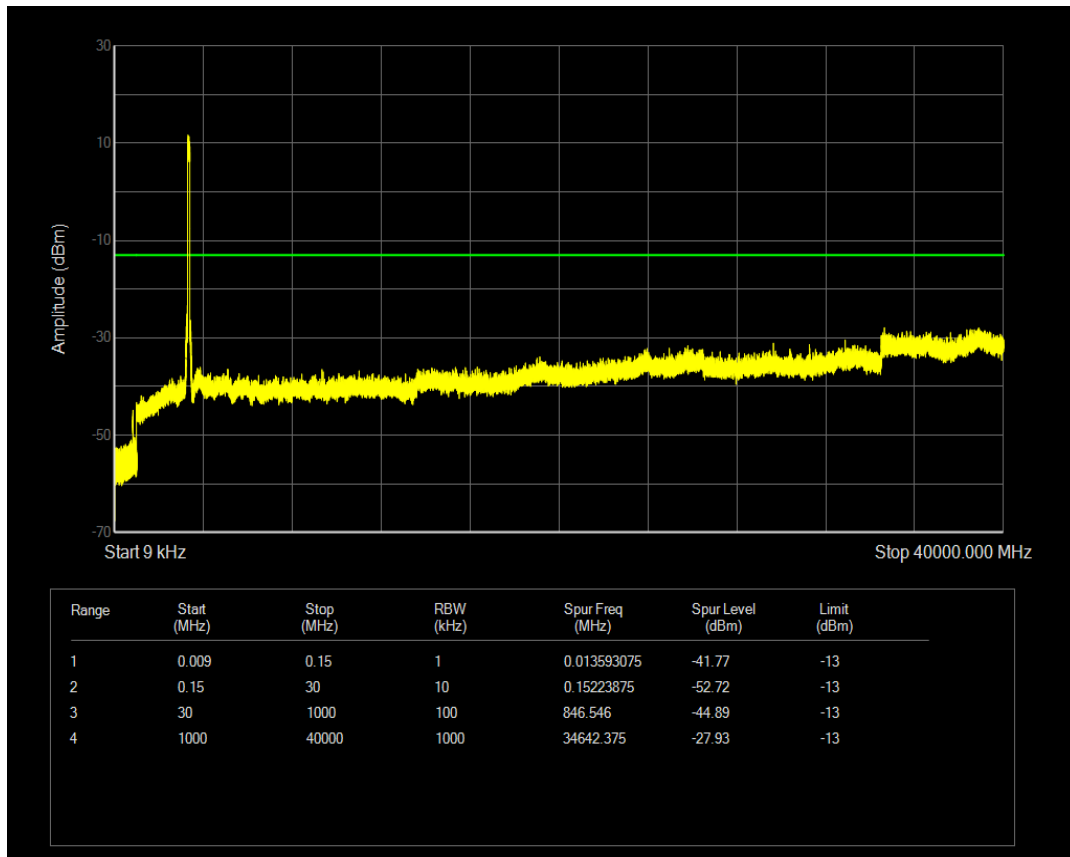
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132

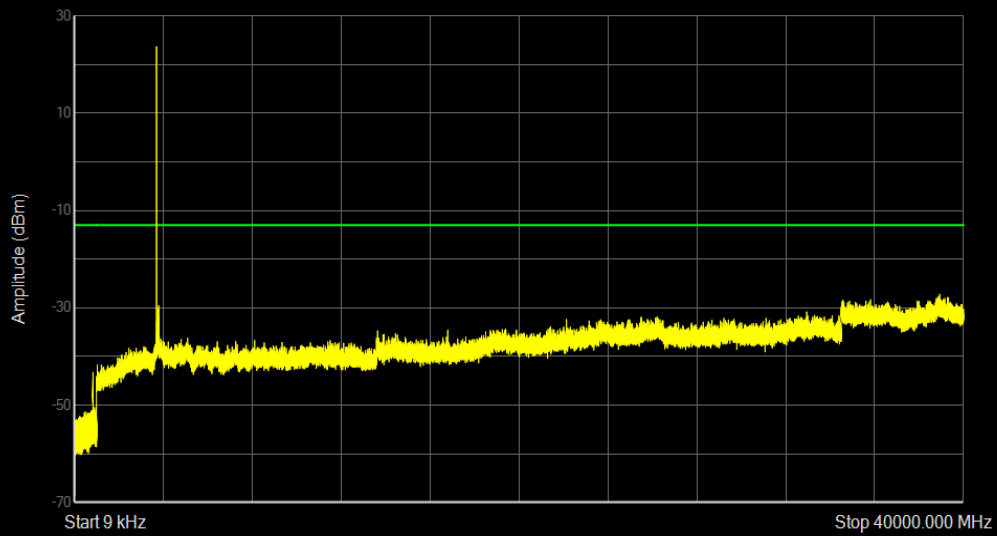


6 Out-of-band emissions for EN-DC

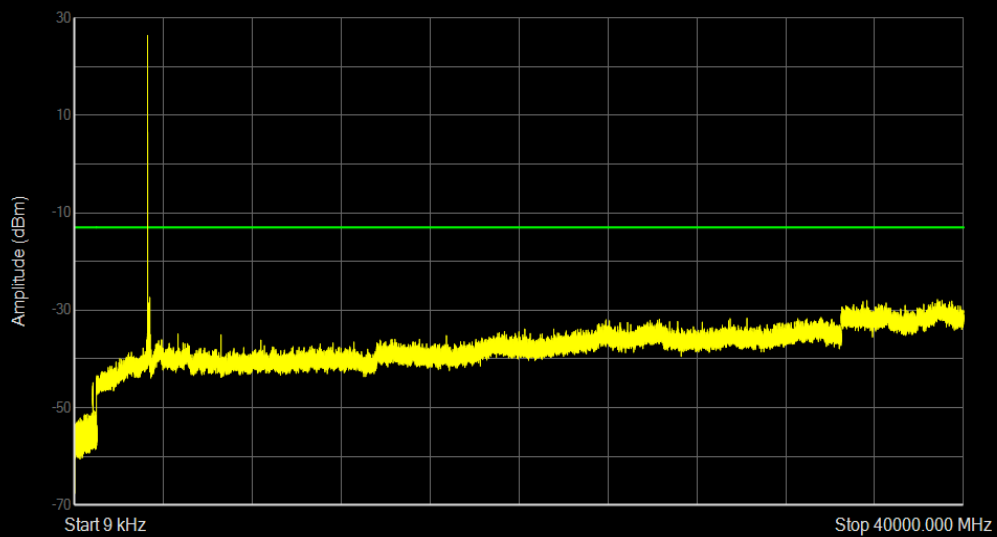
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78	30	10	620334	24@0	CP_QPSK	38804.65	-27.18	-13	PASS
n78	30	10	620334	1@0	CP_QPSK	38029.53	-27.35	-13	PASS
n78	30	10	620334	1@23	CP_QPSK	38879.73	-26.87	-13	PASS
n78	30	10	653000	24@0	CP_QPSK	38877.78	-27.01	-13	PASS
n78	30	10	653000	1@0	CP_QPSK	38918.73	-27.33	-13	PASS
n78	30	10	653000	1@23	CP_QPSK	38470.23	-26.70	-13	PASS
n78	30	50	621668	133@0	CP_QPSK	39284.35	-27.10	-13	PASS
n78	30	50	621668	1@0	CP_QPSK	38854.38	-26.33	-13	PASS
n78	30	50	621668	1@132	CP_QPSK	38796.85	-27.66	-13	PASS
n78	30	50	651666	133@0	CP_QPSK	38903.13	-27.66	-13	PASS
n78	30	50	651666	1@0	CP_QPSK	39119.58	-27.29	-13	PASS
n78	30	50	651666	1@132	CP_QPSK	39360.40	-26.78	-13	PASS
n78	30	100	623334	273@0	CP_QPSK	34642.38	-27.93	-13	PASS
n78	30	100	623334	1@0	CP_QPSK	38827.08	-27.83	-13	PASS
n78	30	100	623334	1@272	CP_QPSK	38846.58	-27.82	-13	PASS
n78	30	100	650000	273@0	CP_QPSK	39040.60	-26.83	-13	PASS
n78	30	100	650000	1@0	CP_QPSK	38926.53	-27.20	-13	PASS
n78	30	100	650000	1@272	CP_QPSK	38835.85	-26.84	-13	PASS

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



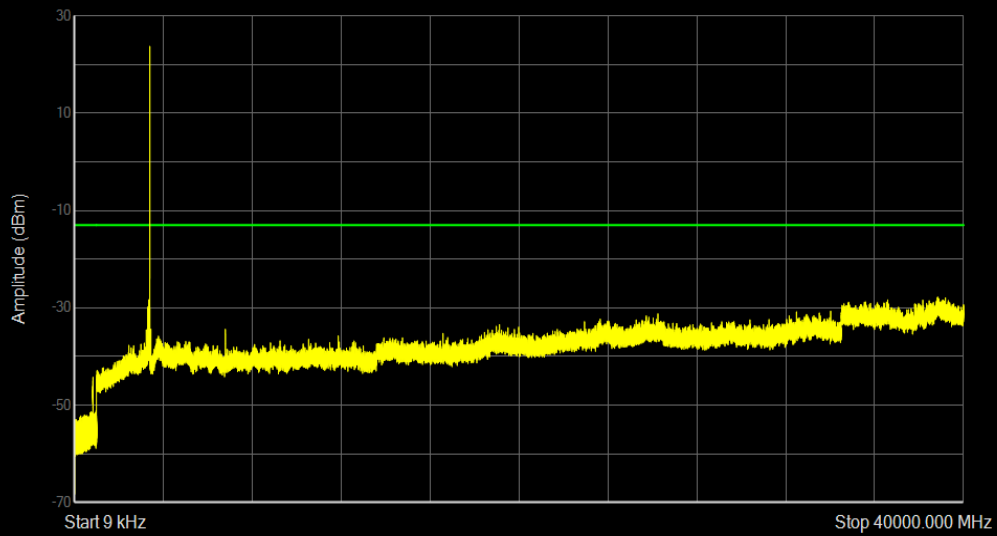
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01041705	-42.37	-13
2	0.15	30	10	0.1694025	-50.65	-13
3	30	1000	100	846.81275	-43.29	-13
4	1000	40000	1000	38926.525	-27.2	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0

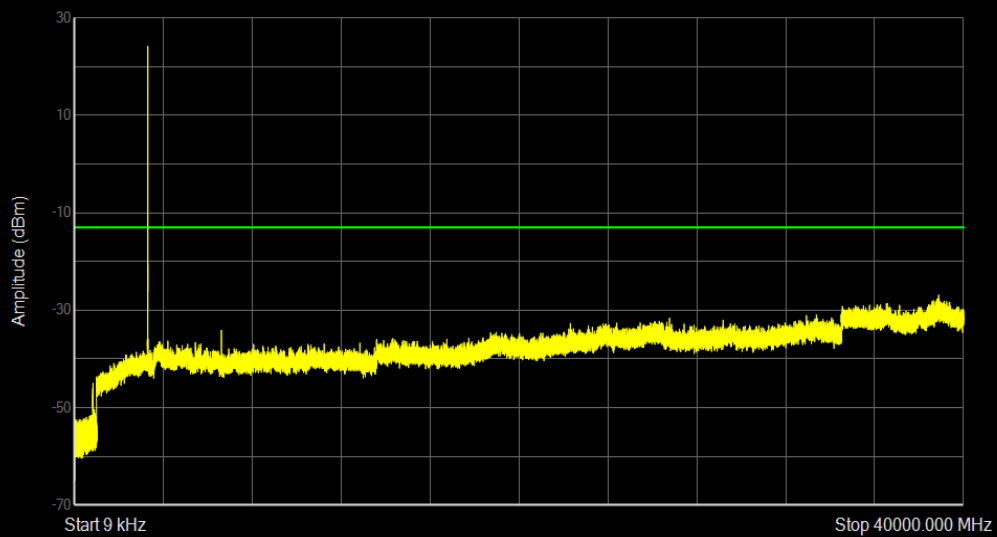
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009052875	-42.8	-13
2	0.15	30	10	0.17164125	-52.88	-13
3	30	1000	100	847.78275	-44.87	-13
4	1000	40000	1000	38827.075	-27.83	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272

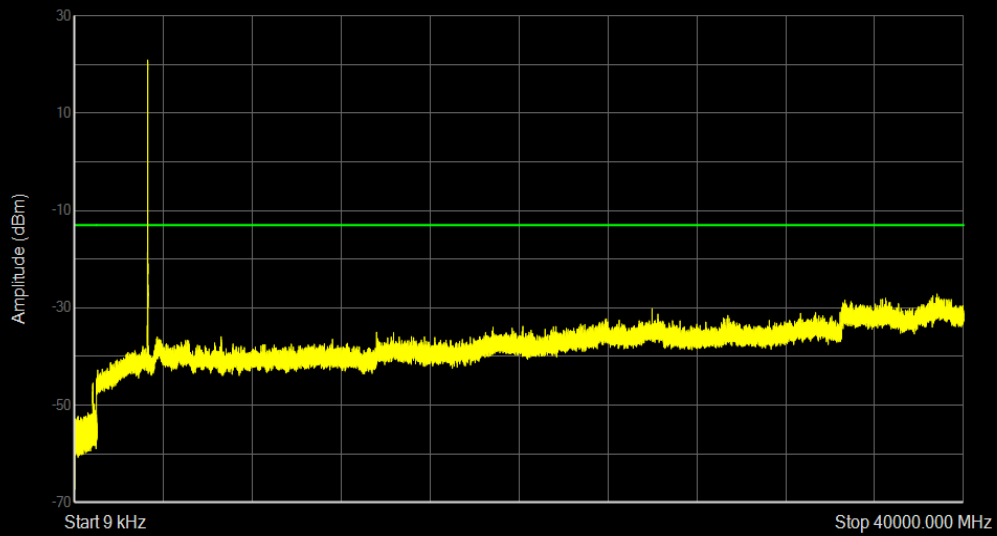


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107484	-41.04	-13
2	0.15	30	10	0.15522375	-51.97	-13
3	30	1000	100	846.4975	-44.28	-13
4	1000	40000	1000	38846.575	-27.82	-13

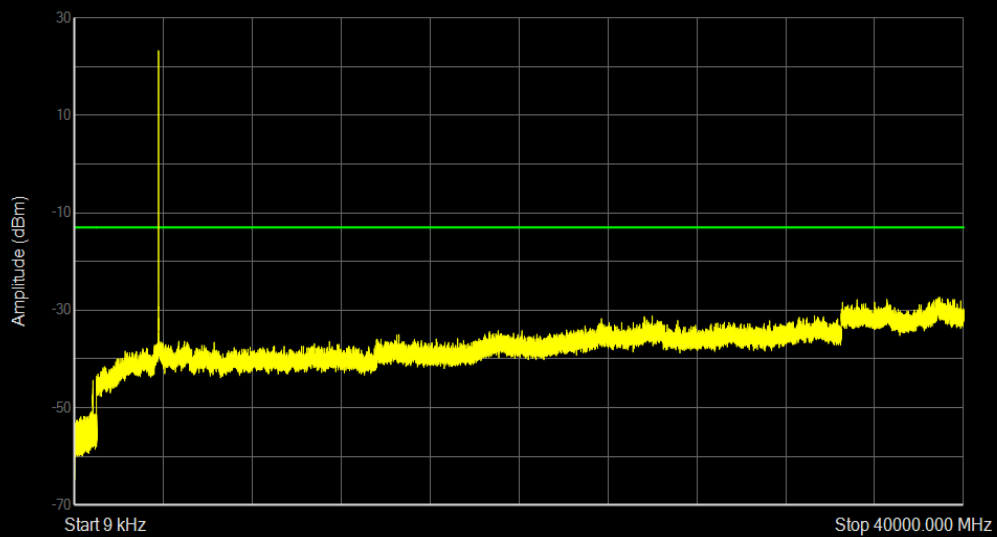
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23



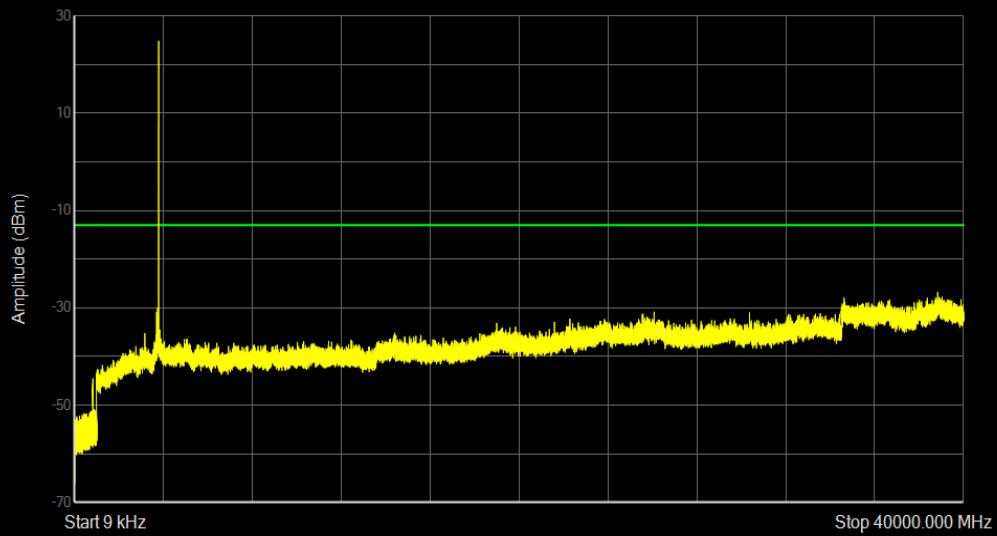
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0134274	-42.54	-13
2	0.15	30	10	0.164925	-52.39	-13
3	30	1000	100	846.66725	-44.98	-13
4	1000	40000	1000	38879.725	-26.87	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0

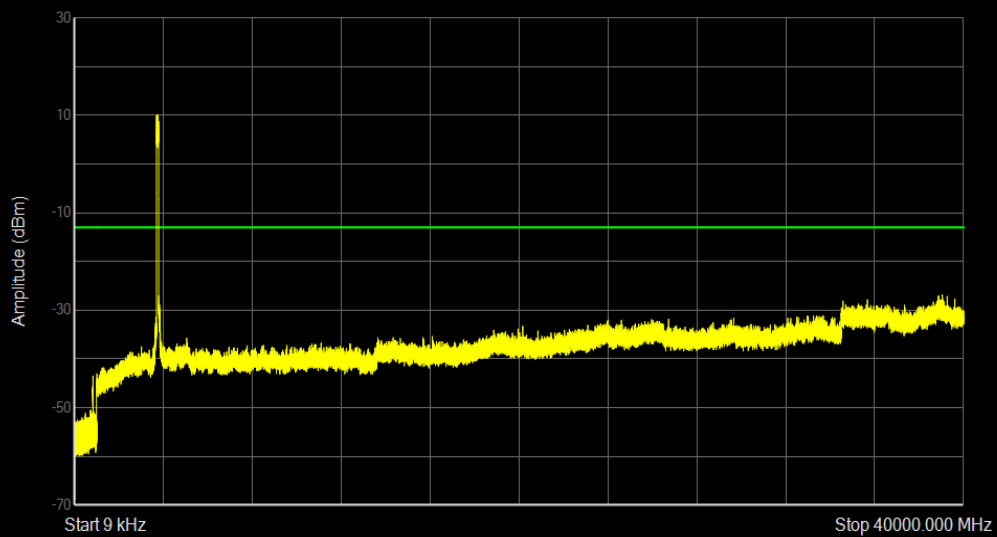
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014291025	-41.72	-13
2	0.15	30	10	0.15	-52.9	-13
3	30	1000	100	846.449	-45.48	-13
4	1000	40000	1000	38804.65	-27.18	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@0

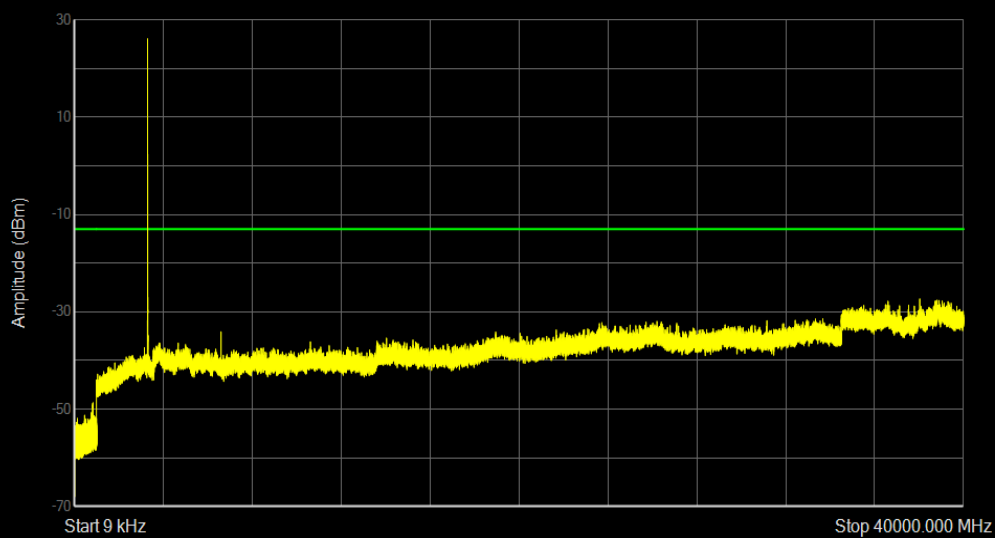
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0137376	-41.48	-13
2	0.15	30	10	0.206715	-52.41	-13
3	30	1000	100	847.39475	-44.4	-13
4	1000	40000	1000	38918.725	-27.33	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@272

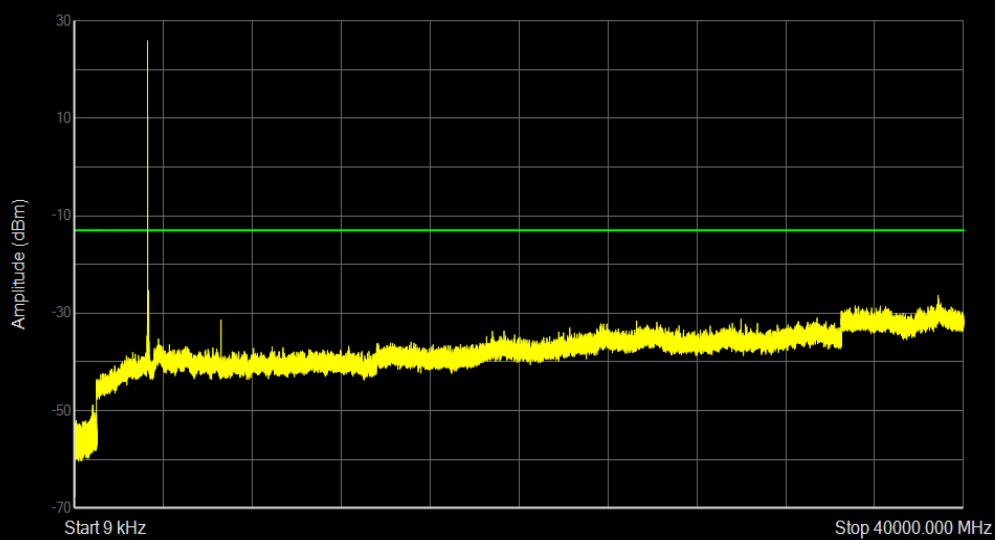
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013804575	-41.61	-13
2	0.15	30	10	0.16119375	-53.2	-13
3	30	1000	100	846.81275	-44.58	-13
4	1000	40000	1000	38835.85	-26.84	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0

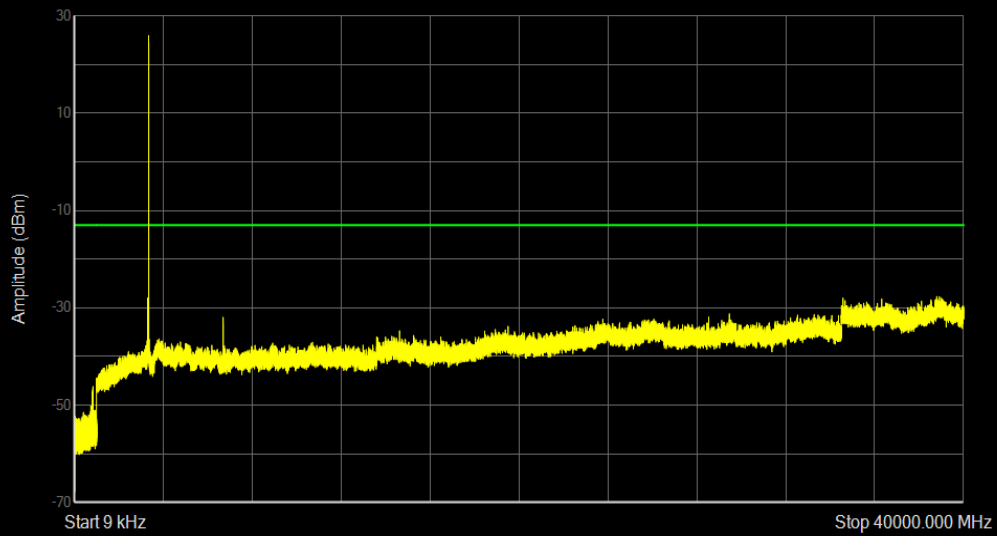
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010554525	-41.09	-13
2	0.15	30	10	0.1694025	-52.67	-13
3	30	1000	100	846.449	-43.49	-13
4	1000	40000	1000	39040.6	-26.83	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0

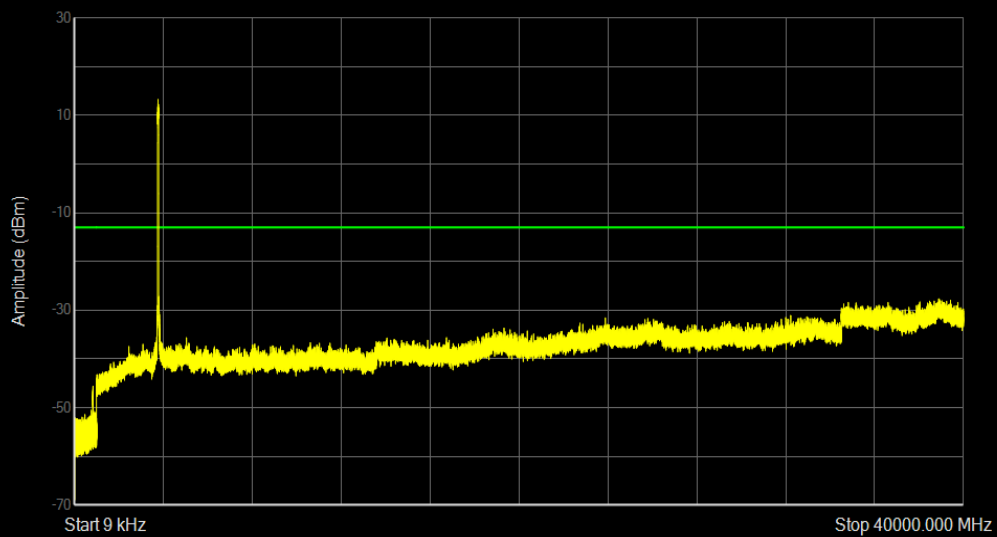
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.015080625	-41.59	-13
2	0.15	30	10	0.15970125	-52.83	-13
3	30	1000	100	847.3705	-48.72	-13
4	1000	40000	1000	38029.525	-27.35	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01250385	-40.8	-13
2	0.15	30	10	0.15074625	-52.12	-13
3	30	1000	100	846.95825	-48.83	-13
4	1000	40000	1000	38854.375	-26.33	-13

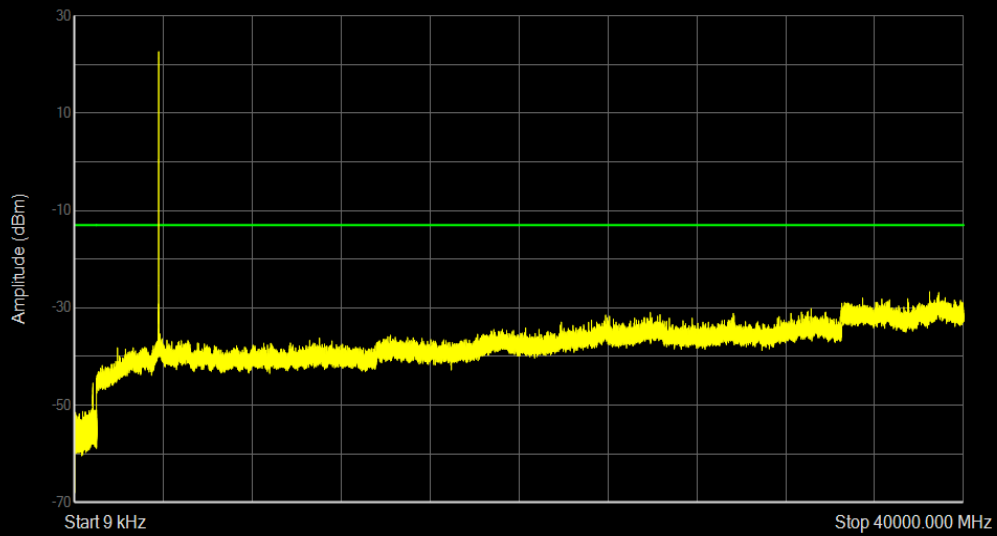
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012077325	-42	-13
2	0.15	30	10	0.15	-51.78	-13
3	30	1000	100	846.42475	-46.19	-13
4	1000	40000	1000	38796.85	-27.66	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=133@0

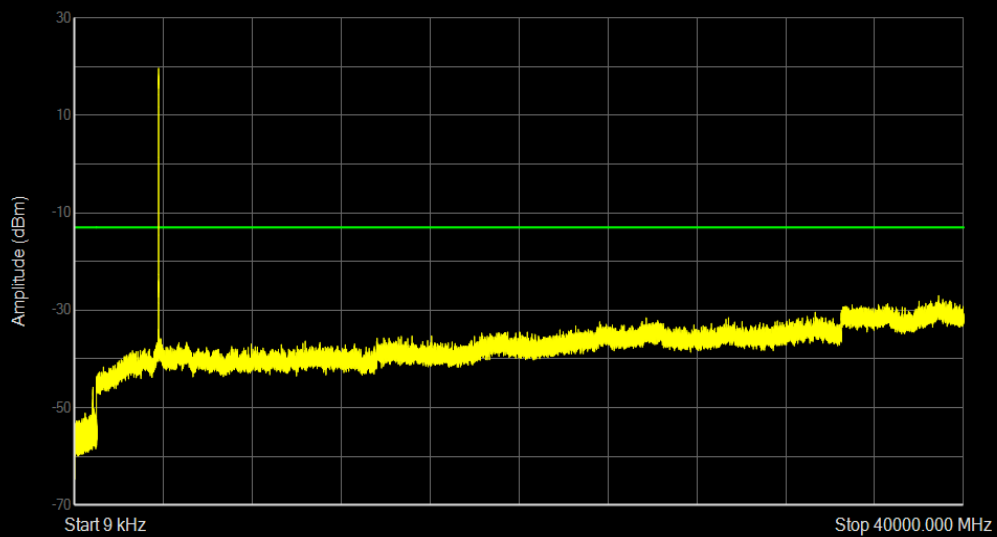
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0174459	-42.25	-13
2	0.15	30	10	0.15	-51.55	-13
3	30	1000	100	846.52175	-45.61	-13
4	1000	40000	1000	38903.125	-27.66	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@23

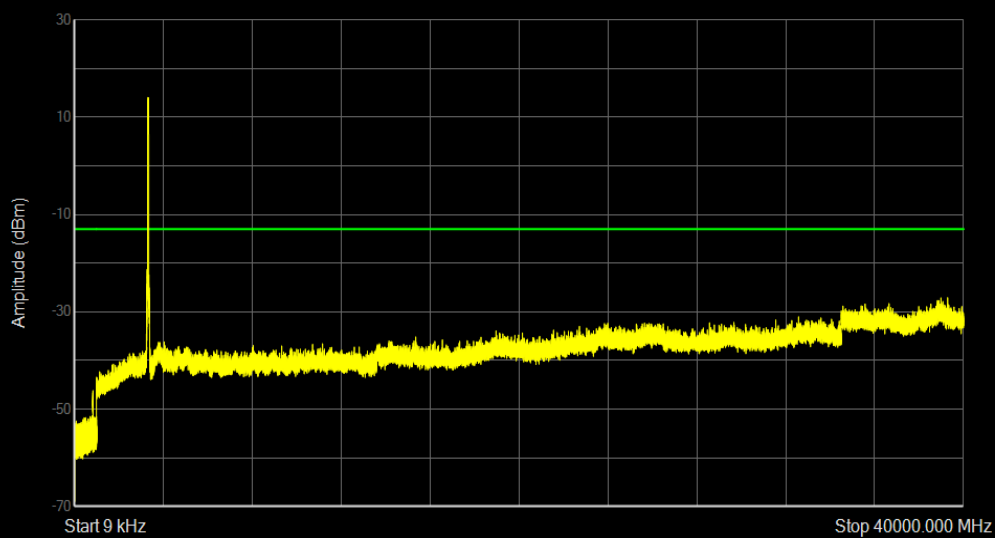


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009123375	-41.84	-13
2	0.15	30	10	0.15074625	-52.77	-13
3	30	1000	100	846.57025	-45.48	-13
4	1000	40000	1000	38470.225	-26.7	-13

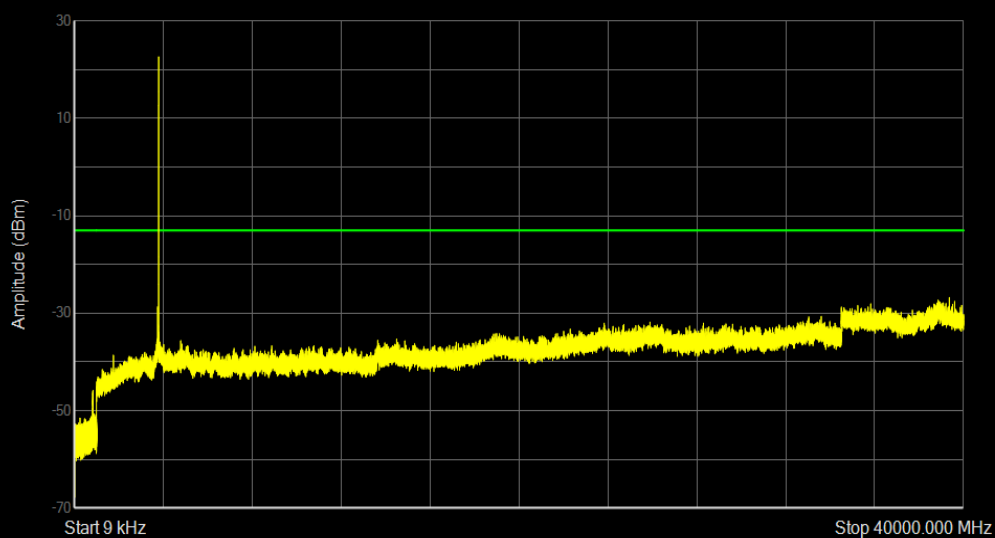
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=24@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01662105	-42.14	-13
2	0.15	30	10	0.15	-51.89	-13
3	30	1000	100	846.934	-45.82	-13
4	1000	40000	1000	38877.775	-27.01	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01013505	-41.26	-13
2	0.15	30	10	0.1544775	-52.35	-13
3	30	1000	100	846.6915	-46.21	-13
4	1000	40000	1000	39284.35	-27.1	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@132

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009630975	-41.18	-13
2	0.15	30	10	0.15	-51.3	-13
3	30	1000	100	846.4975	-45.9	-13
4	1000	40000	1000	39360.4	-26.78	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@0

