n78 SCS=30kHz DFT_QAM64 BW=20MHz Channel=636666 RB=50@0

n78 SCS=30kHz DFT_QAM64 BW=15MHz Channel=636666 RB=36@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=15MHz Channel=636666 RB=36@0

n78 SCS=30kHz DFT_QPSK BW=100MHz Channel=636666 RB=270@0

n78 SCS=30kHz DFT_QPSK BW=10MHz Channel=636666 RB=24@0

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

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

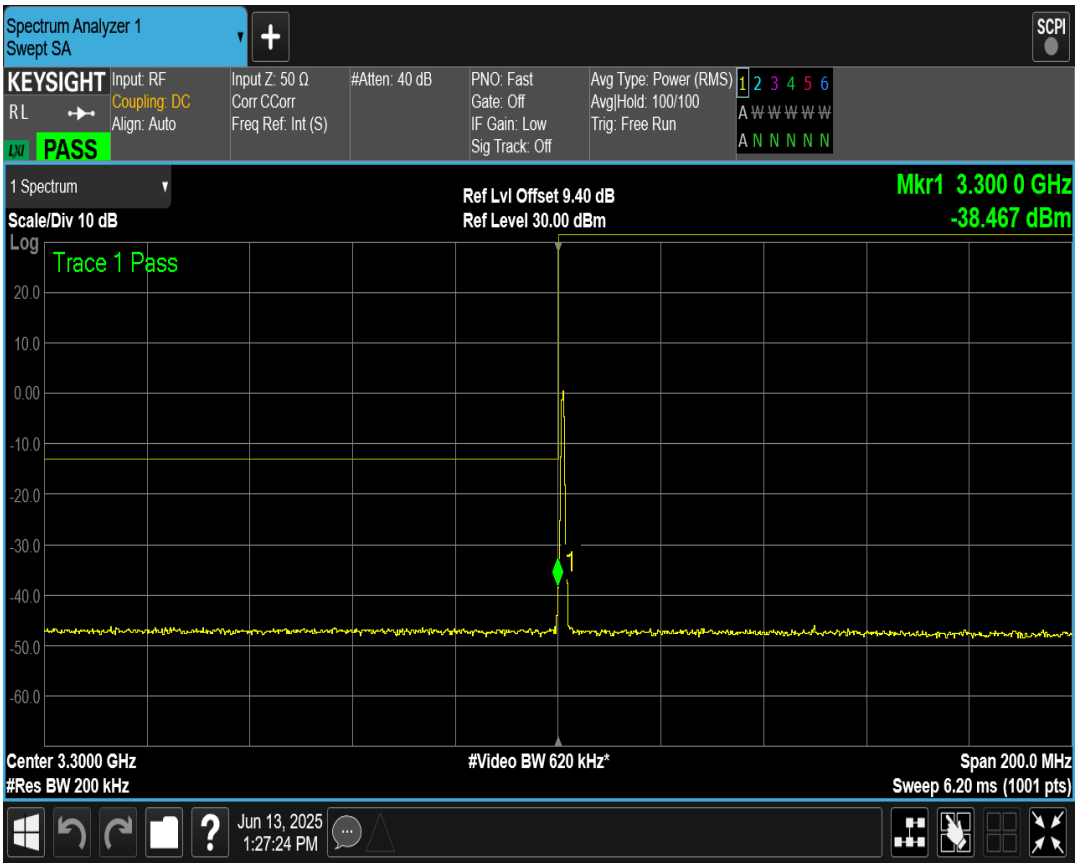
n78 SCS=30kHz DFT_QPSK BW=80MHz Channel=636666 RB=216@0

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

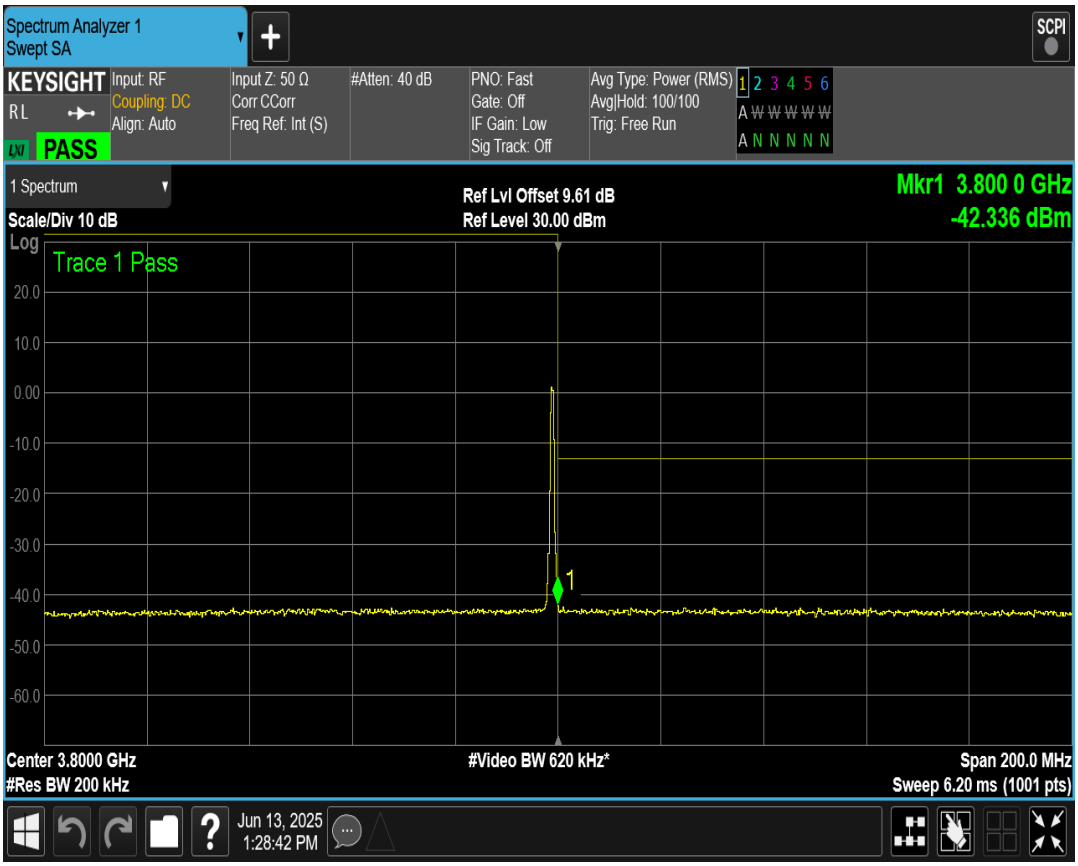
5 Band edge for EN-DC

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	3299.84	-46.78	-13	PASS
n78	30	10	620334	1@0	CP_QPSK	3300.00	-42.99	-13	PASS
n78	30	10	620334	1@23	CP_QPSK	3298.94	-46.42	-13	PASS
n78	30	10	653000	24@0	CP_QPSK	3805.88	-45.30	-13	PASS
n78	30	10	653000	1@0	CP_QPSK	3804.96	-42.47	-13	PASS
n78	30	10	653000	1@23	CP_QPSK	3800.00	-40.86	-13	PASS
n78	30	50	621668	133@0	CP_QPSK	3268.10	-41.95	-13	PASS
n78	30	50	621668	1@0	CP_QPSK	3300.00	-46.19	-13	PASS
n78	30	50	621668	1@132	CP_QPSK	3278.30	-46.42	-13	PASS
n78	30	50	651666	133@0	CP_QPSK	3804.20	-38.34	-13	PASS
n78	30	50	651666	1@0	CP_QPSK	3837.80	-42.29	-13	PASS
n78	30	50	651666	1@132	CP_QPSK	3834.50	-42.33	-13	PASS
n78	30	100	623334	273@0	CP_QPSK	3300.00	-34.52	-13	PASS
n78	30	100	623334	1@0	CP_QPSK	3300.00	-38.46	-13	PASS
n78	30	100	623334	1@272	CP_QPSK	3230.60	-46.19	-13	PASS
n78	30	100	650000	273@0	CP_QPSK	3800.00	-31.92	-13	PASS
n78	30	100	650000	1@0	CP_QPSK	3804.00	-42.67	-13	PASS
n78	30	100	650000	1@272	CP_QPSK	3800.00	-42.33	-13	PASS

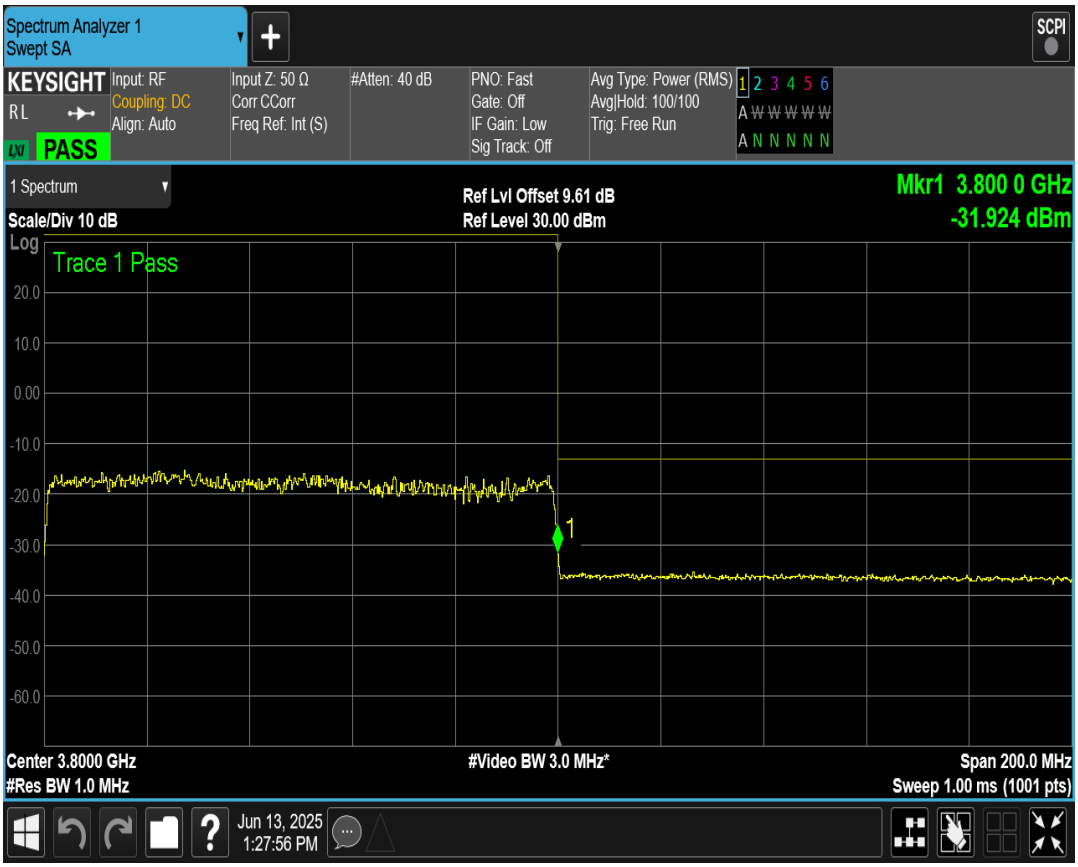
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



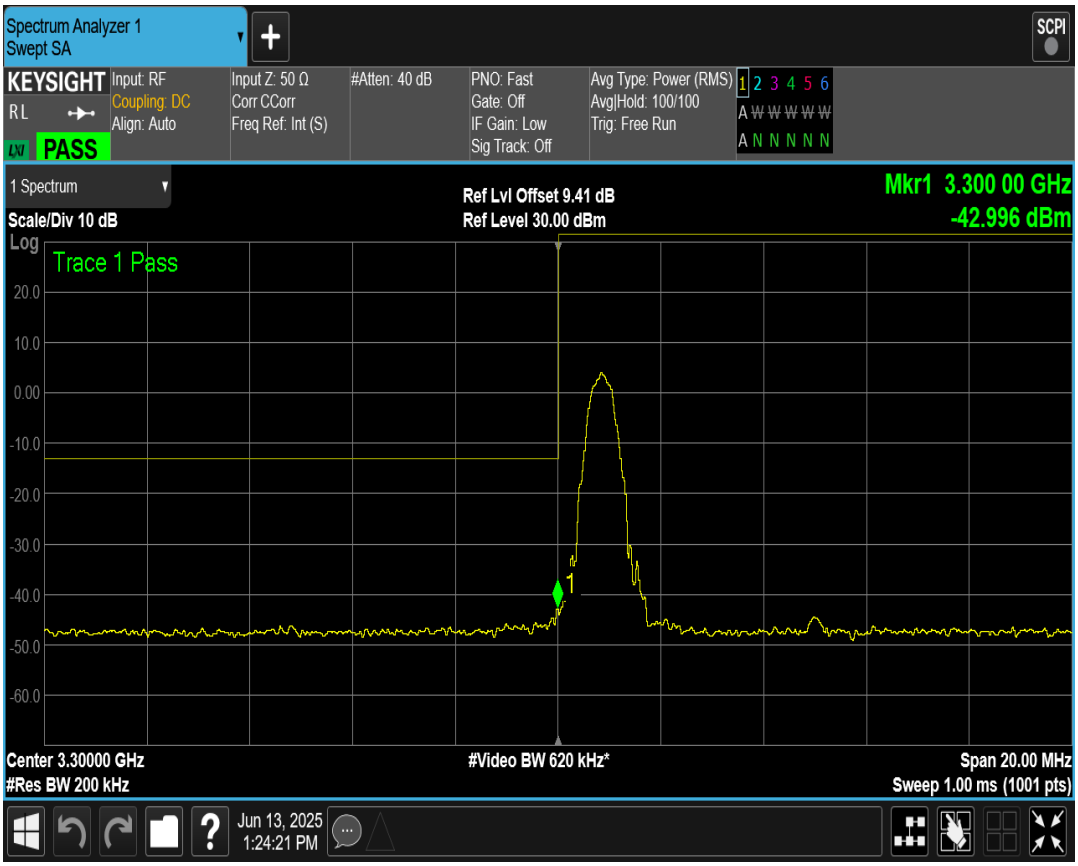
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@272



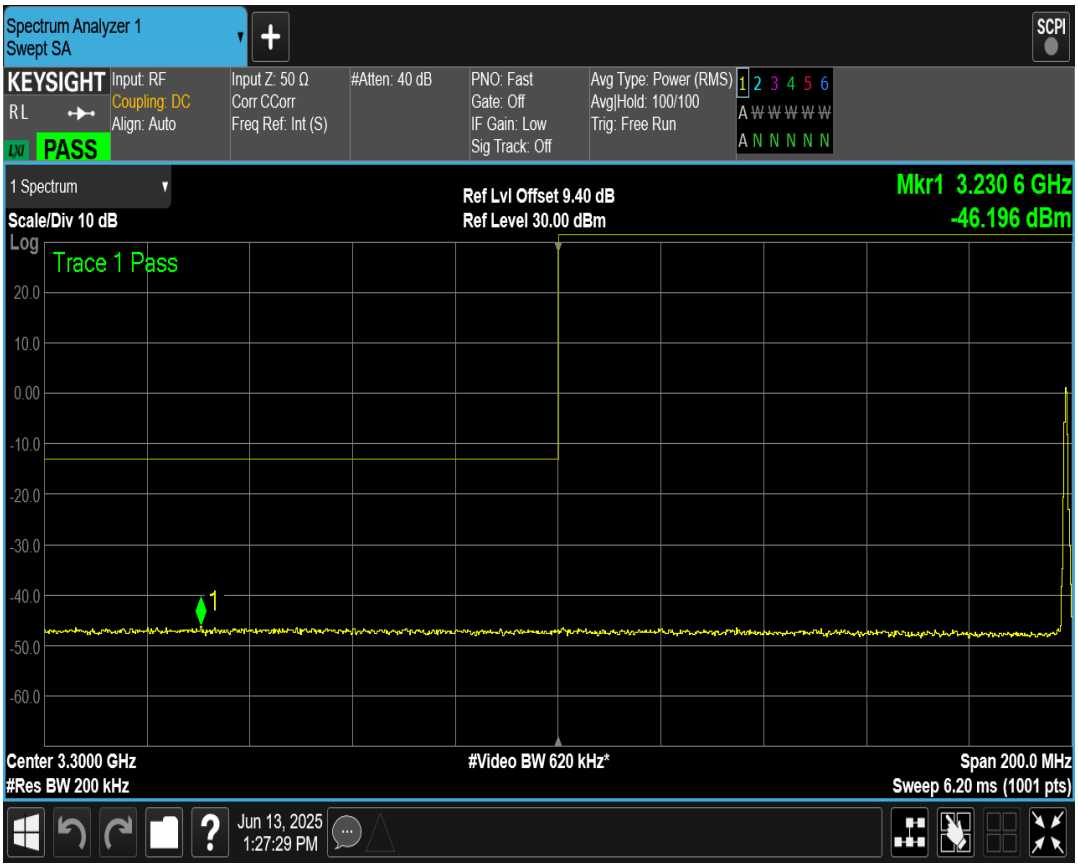
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



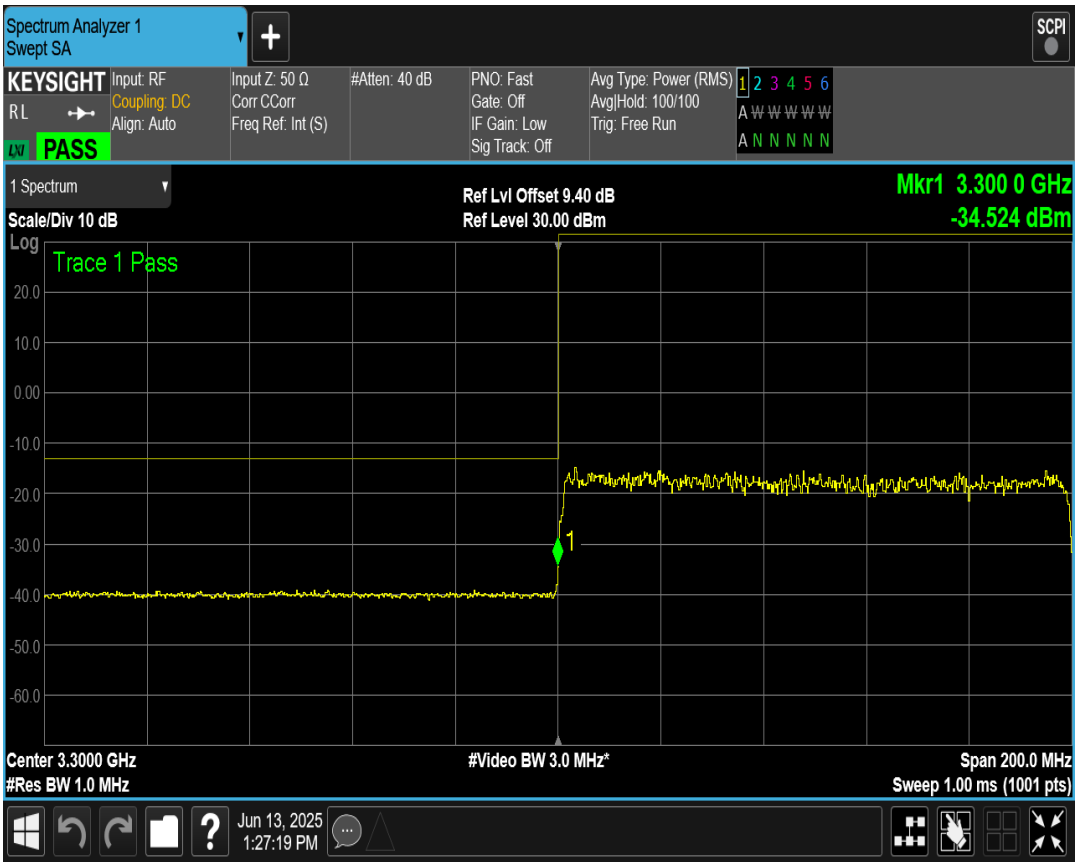
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



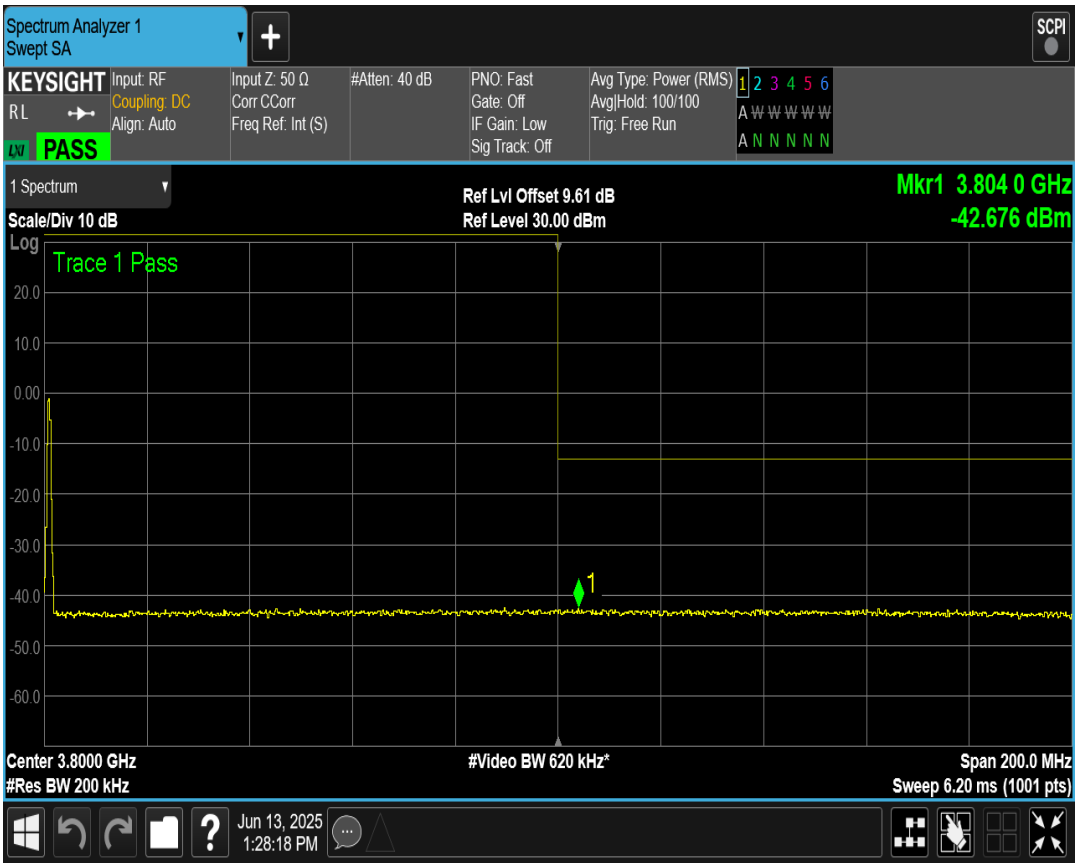
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



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

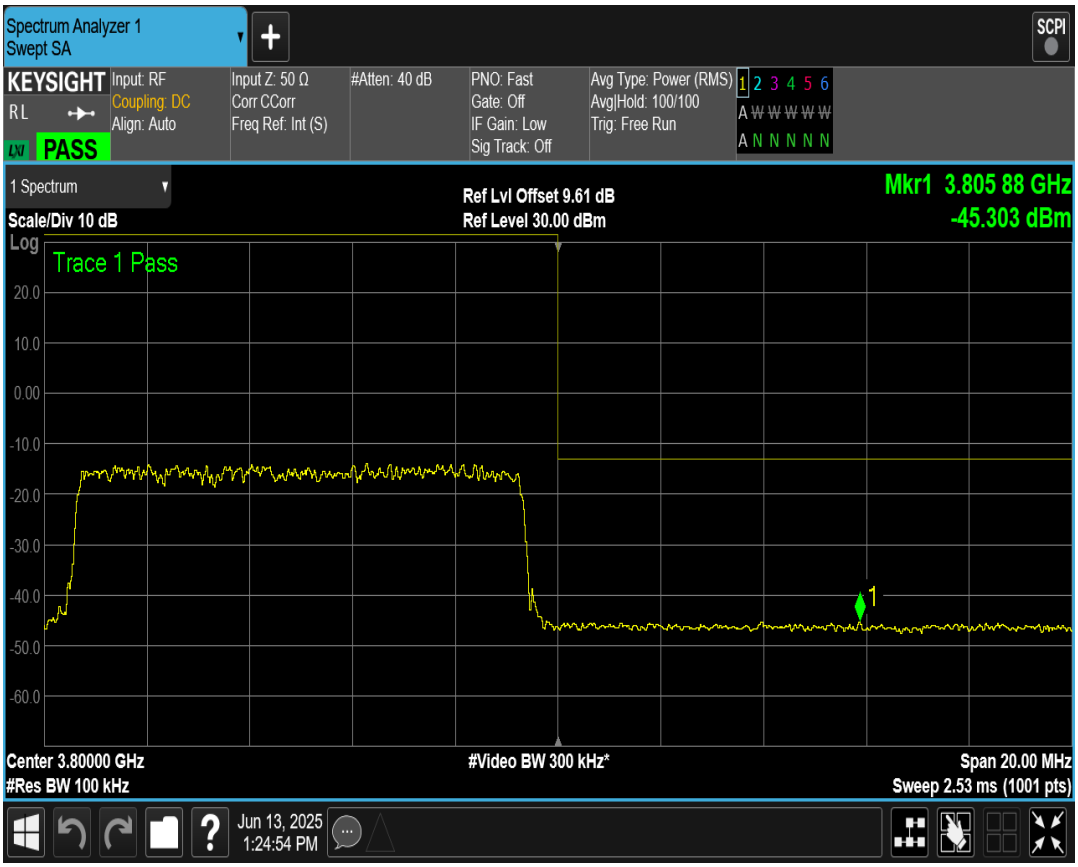


n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0

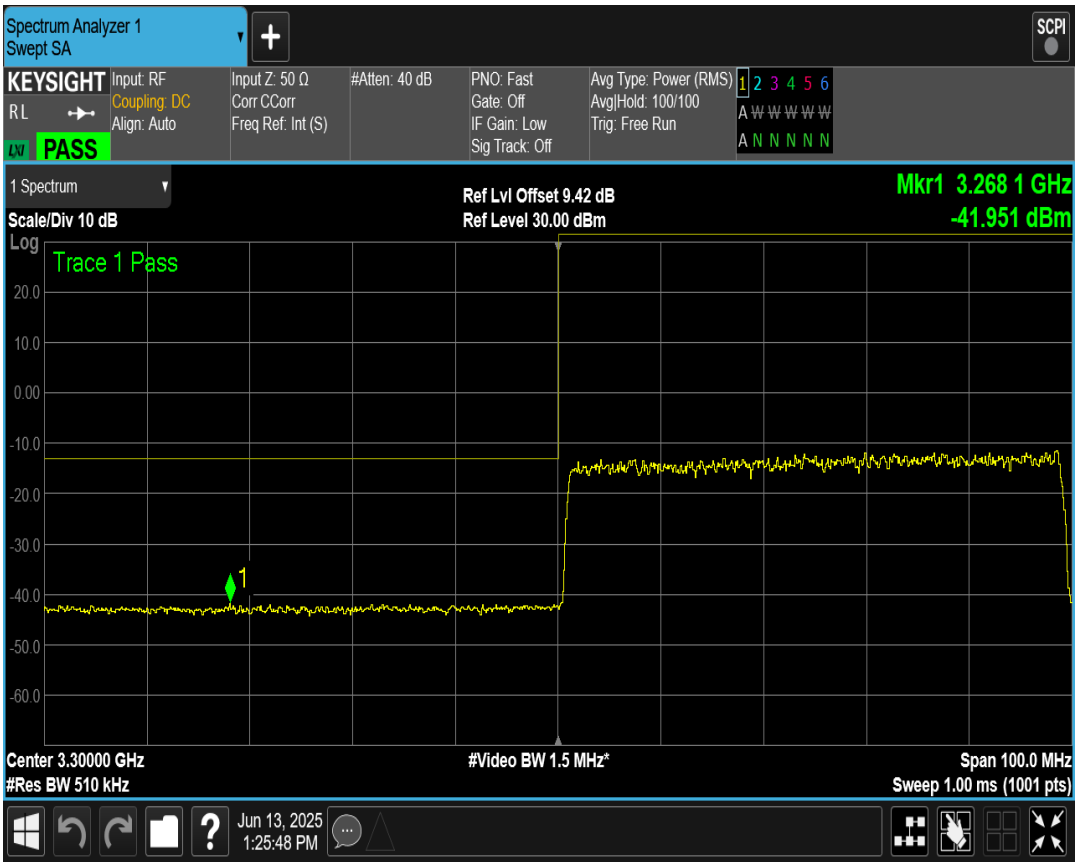


n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@23

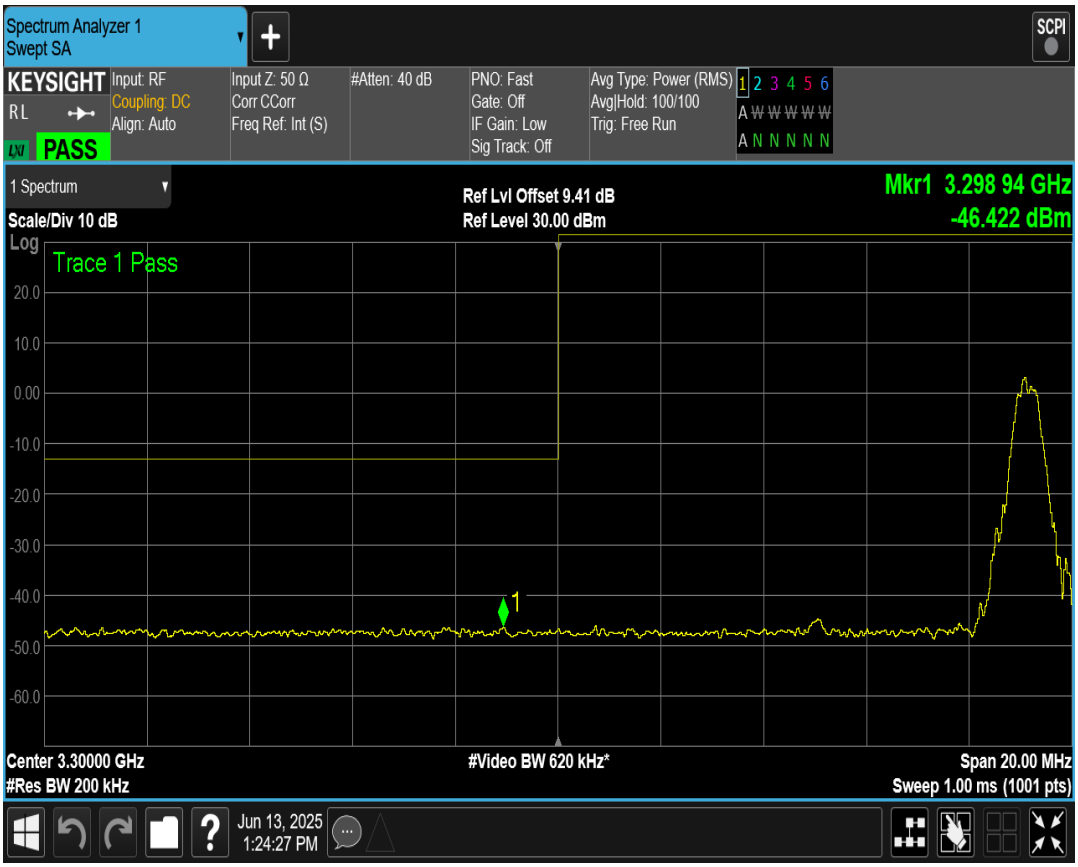
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=24@0



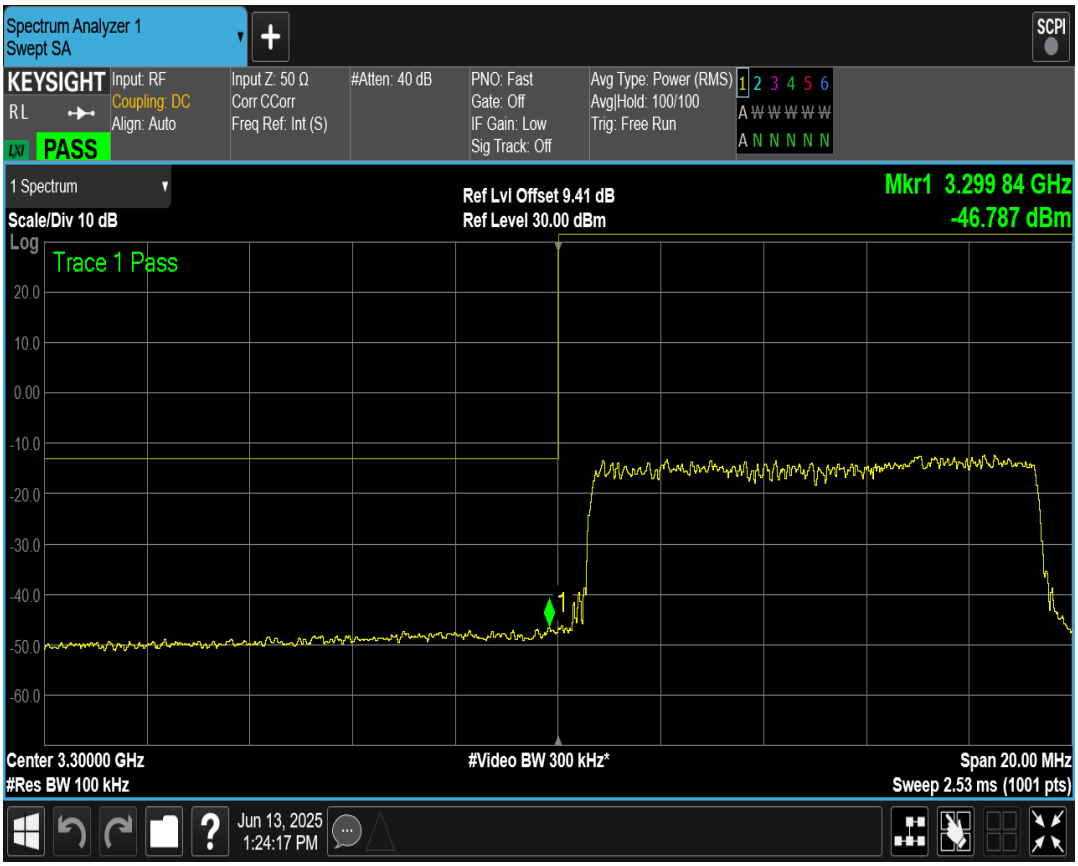
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



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

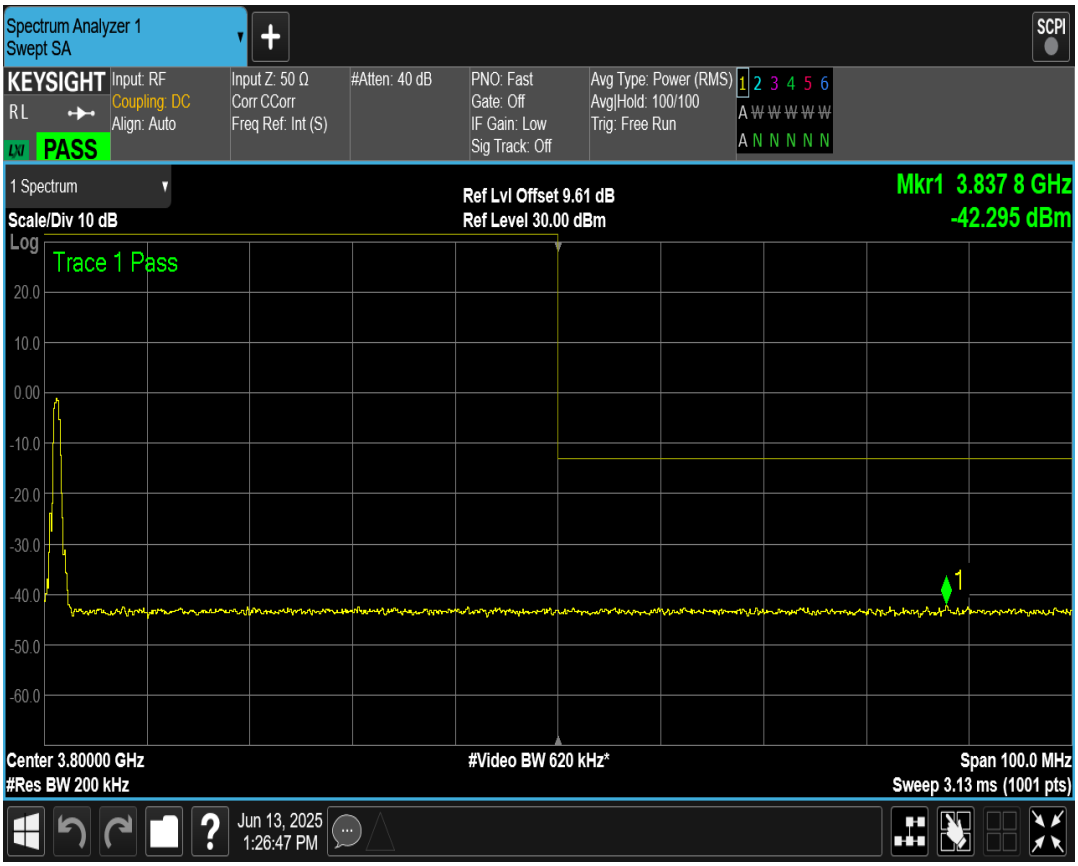


n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0

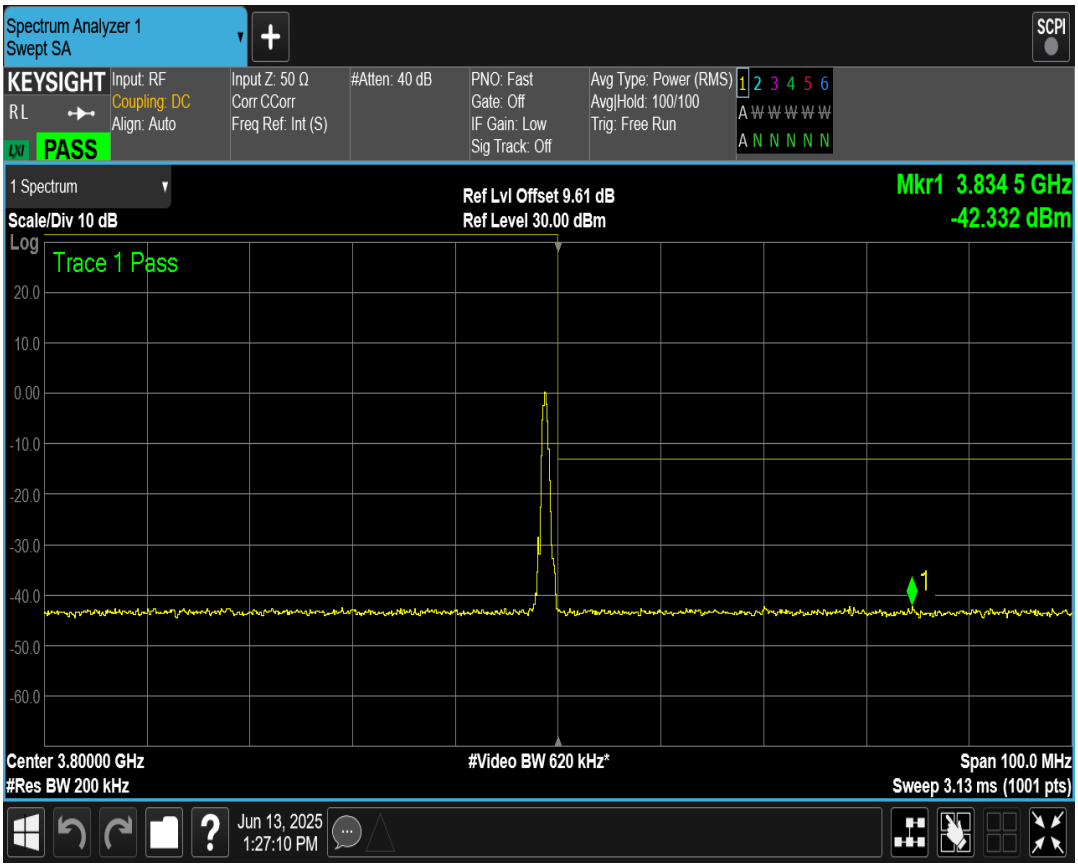


n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@0

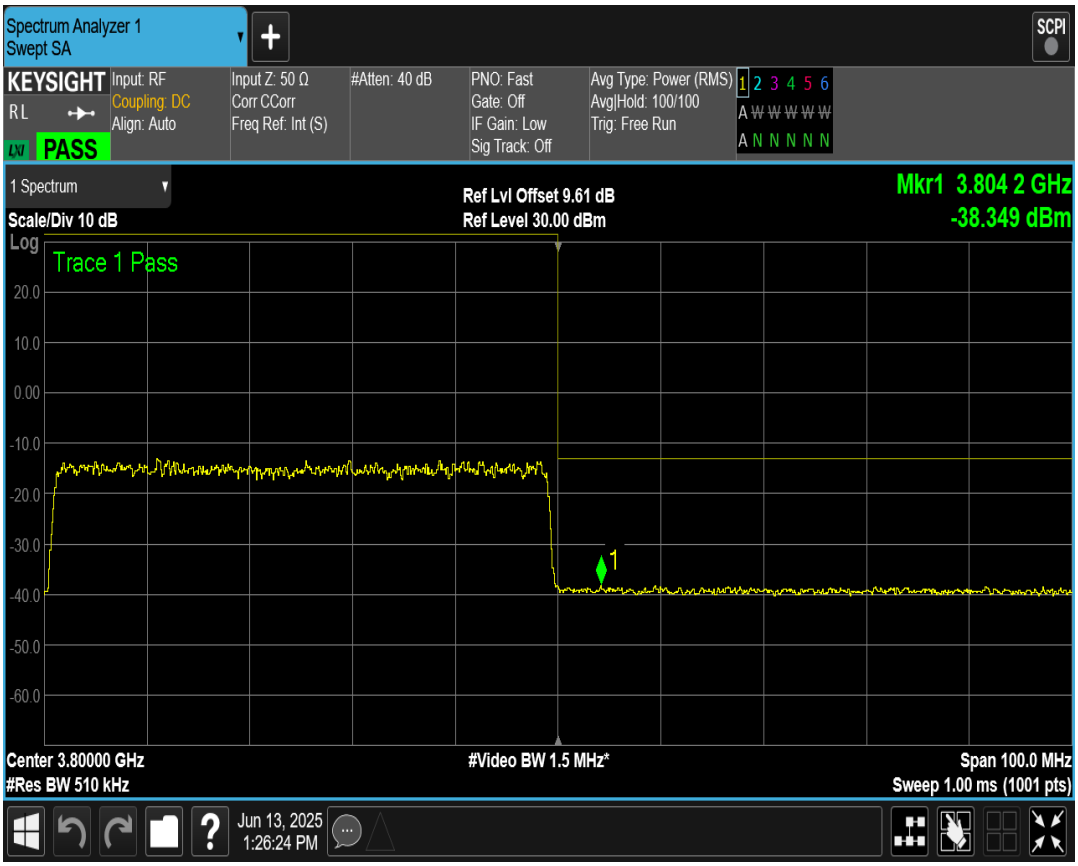
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@0



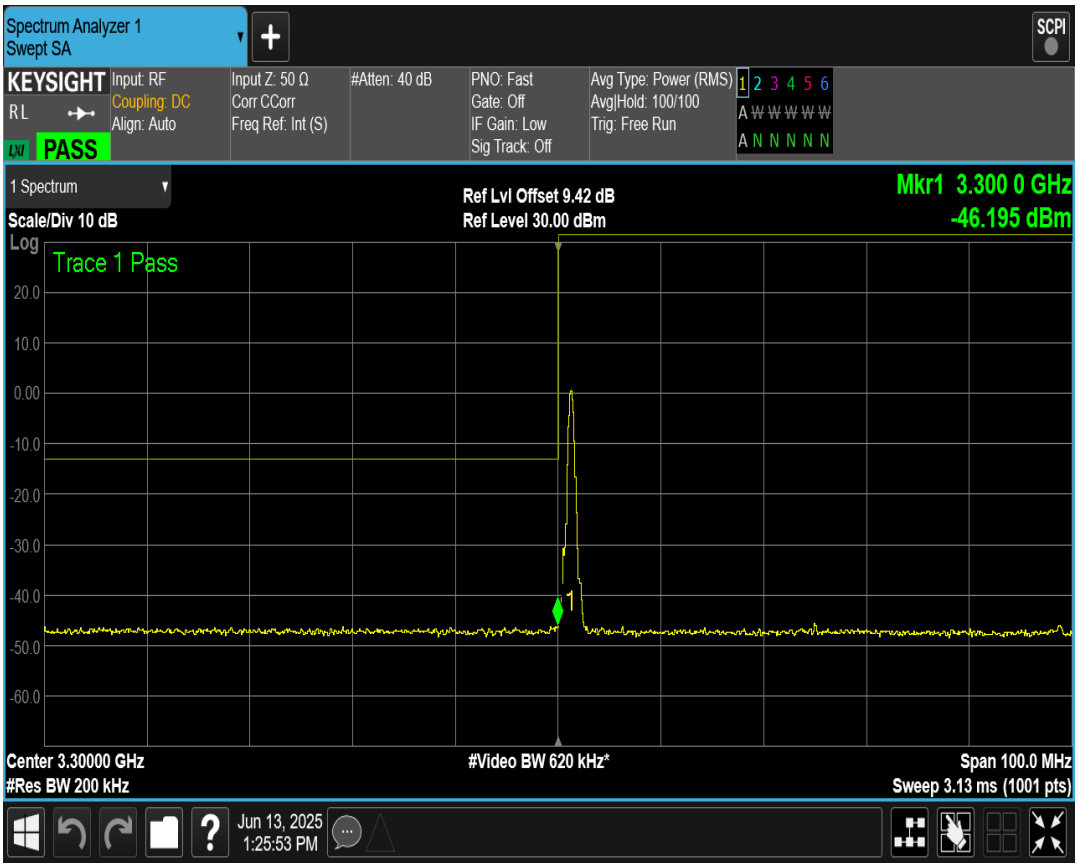
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@132



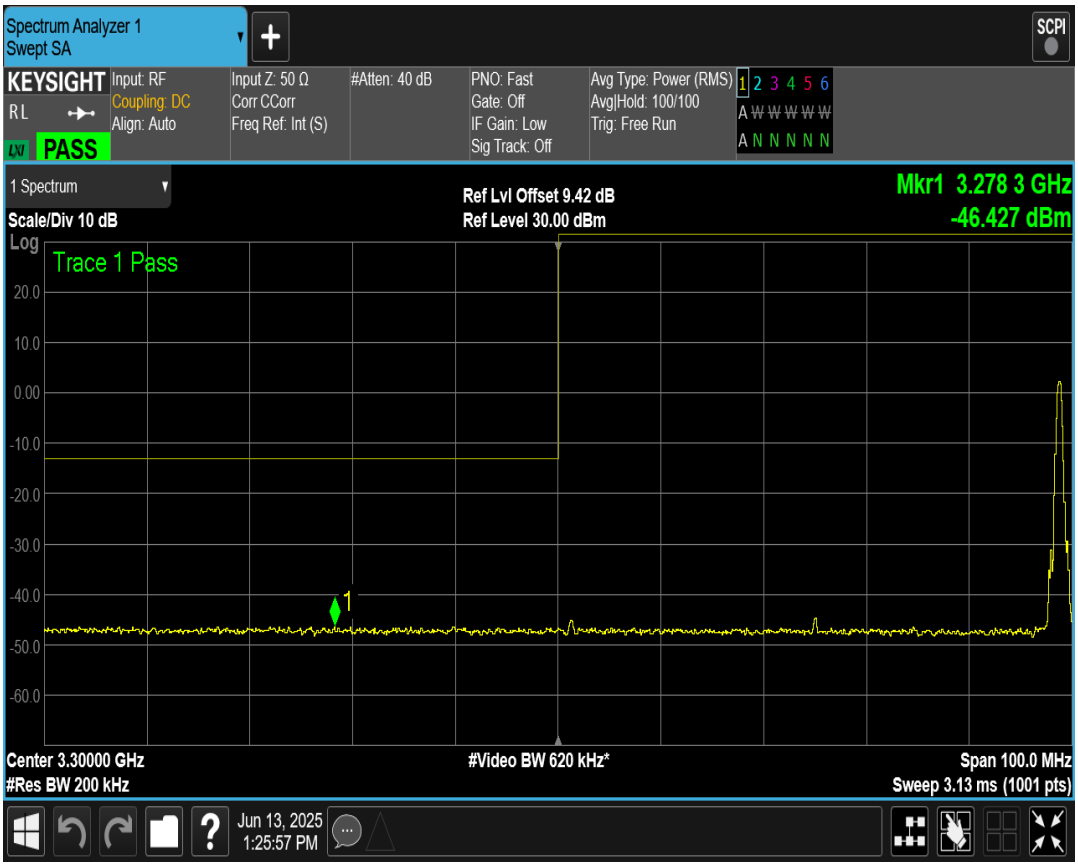
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=133@0



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



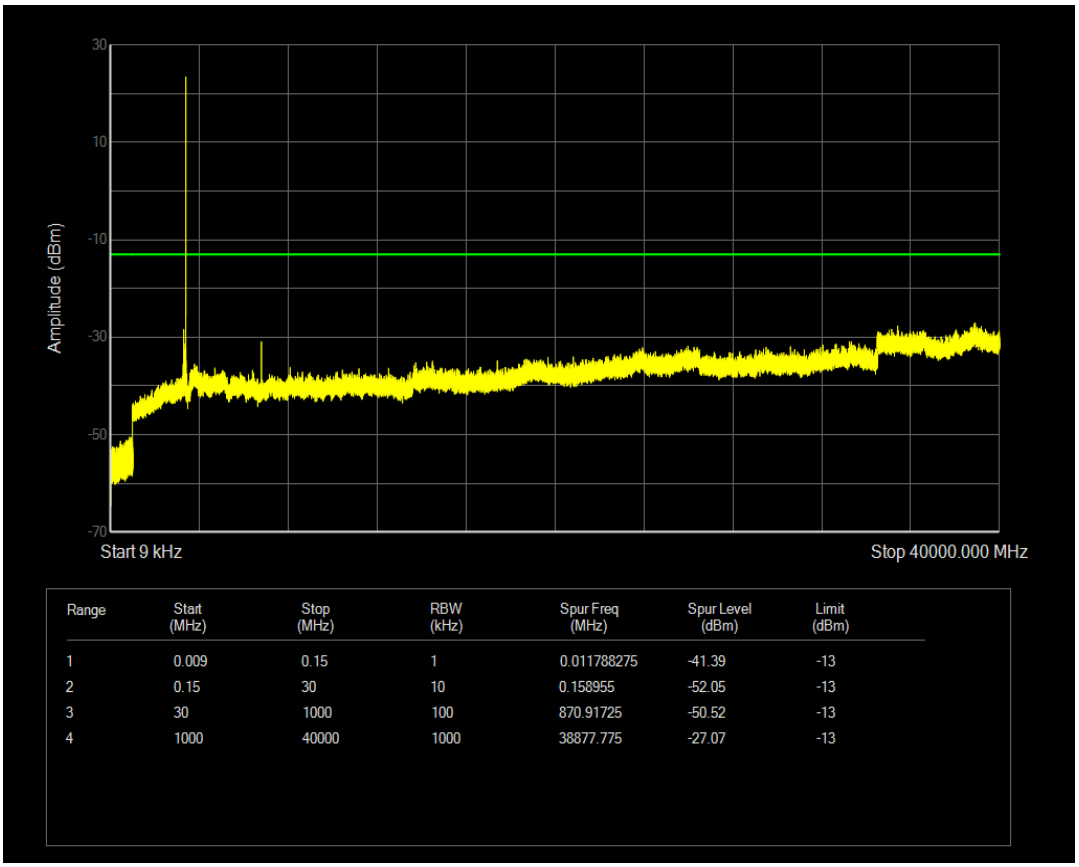
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132



6 Out-of-band emissions for EN-DC

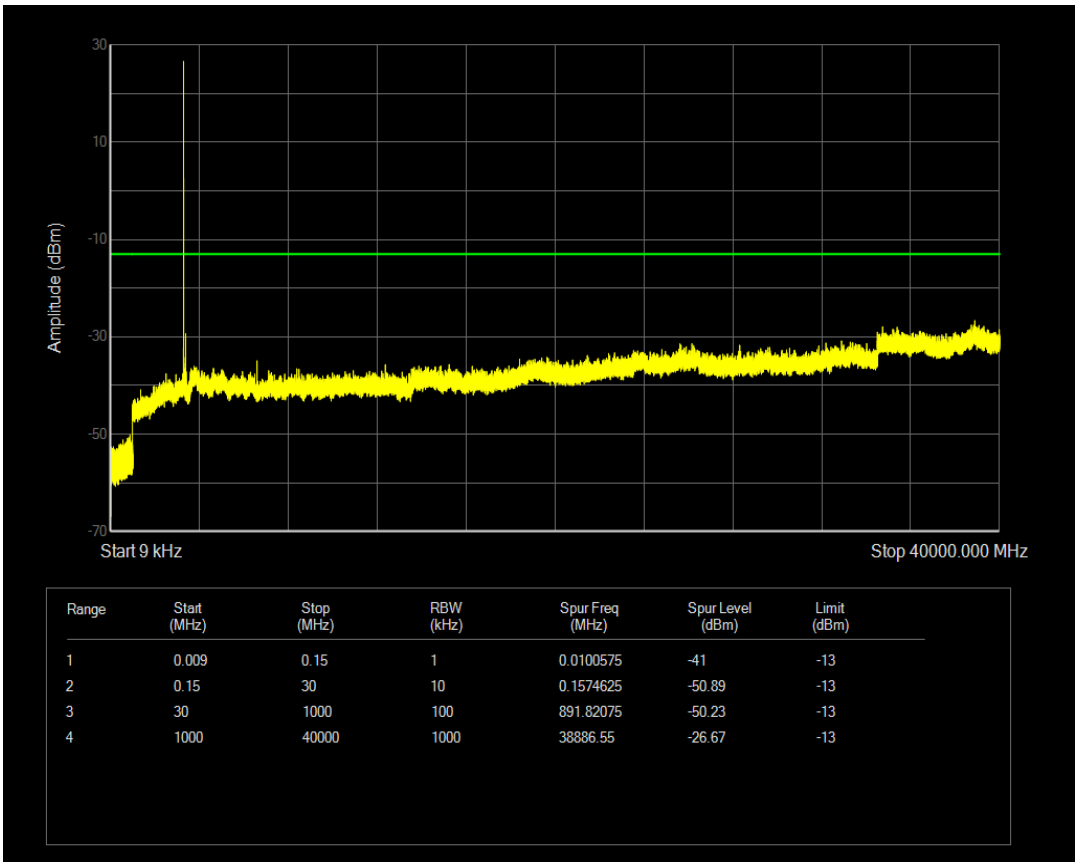
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78	30	10	620334	24@0	CP_QPSK	38855.35	-26.94	-13	PASS
n78	30	10	620334	1@0	CP_QPSK	38807.58	-27.38	-13	PASS
n78	30	10	620334	1@23	CP_QPSK	39131.28	-27.39	-13	PASS
n78	30	10	653000	24@0	CP_QPSK	39359.43	-27.04	-13	PASS
n78	30	10	653000	1@0	CP_QPSK	38986.00	-26.27	-13	PASS
n78	30	10	653000	1@23	CP_QPSK	38990.88	-26.60	-13	PASS
n78	30	50	621668	133@0	CP_QPSK	38861.20	-24.76	-13	PASS
n78	30	50	621668	1@0	CP_QPSK	38986.00	-27.34	-13	PASS
n78	30	50	621668	1@132	CP_QPSK	38814.40	-27.31	-13	PASS
n78	30	50	651666	133@0	CP_QPSK	39403.30	-27.40	-13	PASS
n78	30	50	651666	1@0	CP_QPSK	38918.73	-27.29	-13	PASS
n78	30	50	651666	1@132	CP_QPSK	38830.98	-26.91	-13	PASS
n78	30	100	623334	273@0	CP_QPSK	38955.78	-26.48	-13	PASS
n78	30	100	623334	1@0	CP_QPSK	38886.55	-26.67	-13	PASS
n78	30	100	623334	1@272	CP_QPSK	38877.78	-27.07	-13	PASS
n78	30	100	650000	273@0	CP_QPSK	38804.65	-26.97	-13	PASS
n78	30	100	650000	1@0	CP_QPSK	38950.90	-27.19	-13	PASS
n78	30	100	650000	1@272	CP_QPSK	38880.70	-26.95	-13	PASS

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



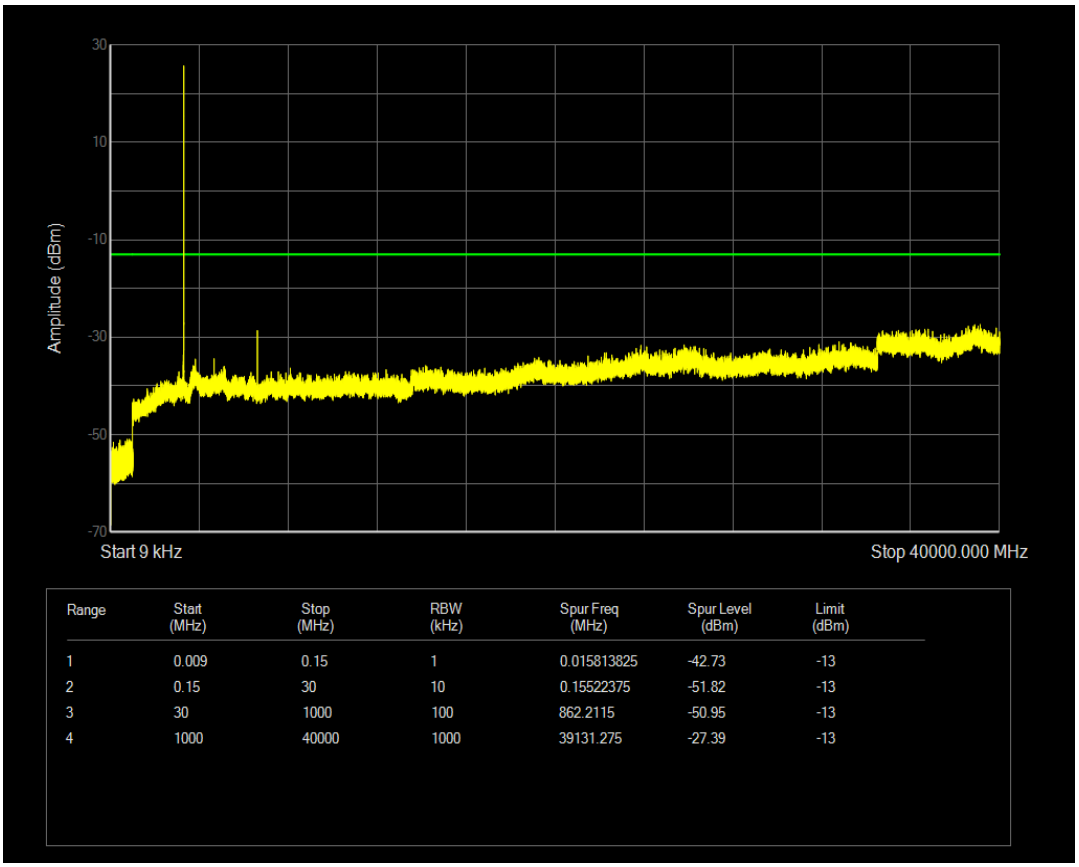
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011788275	-41.39	-13
2	0.15	30	10	0.158955	-52.05	-13
3	30	1000	100	870.91725	-50.52	-13
4	1000	40000	1000	38877.775	-27.07	-13

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



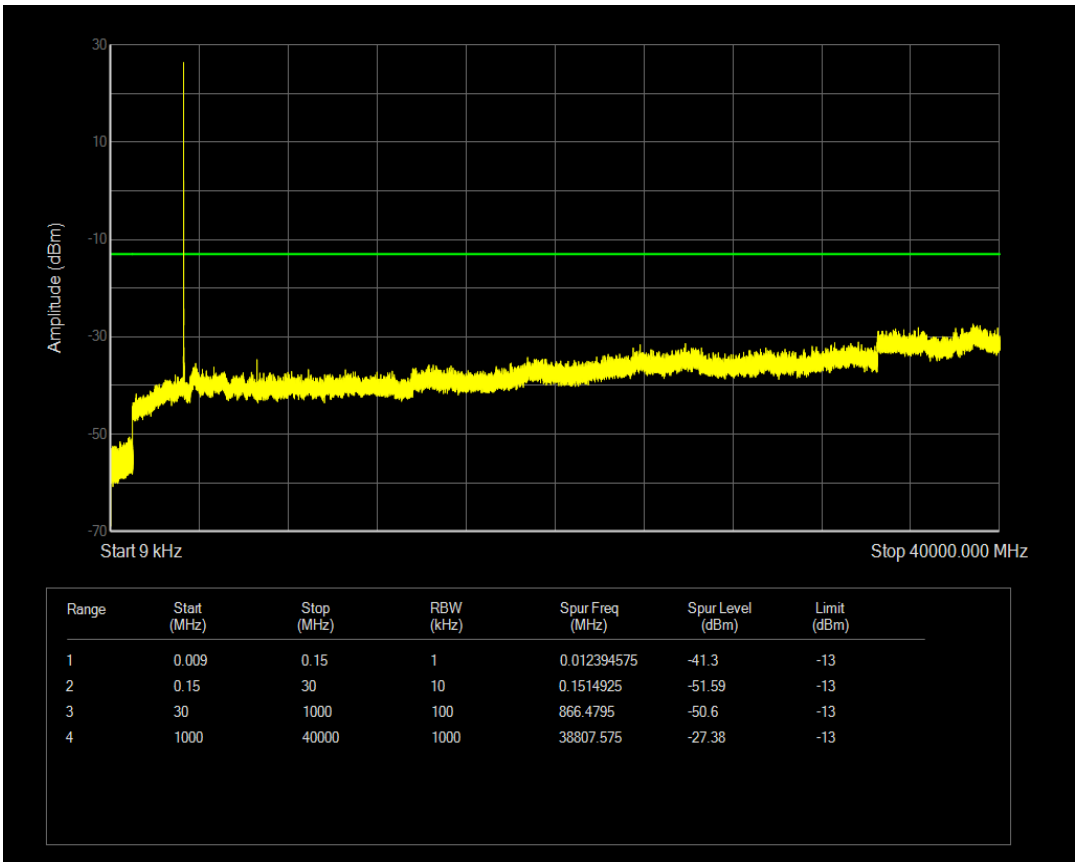
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100575	-41	-13
2	0.15	30	10	0.1574625	-50.89	-13
3	30	1000	100	891.82075	-50.23	-13
4	1000	40000	1000	38886.55	-26.67	-13

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



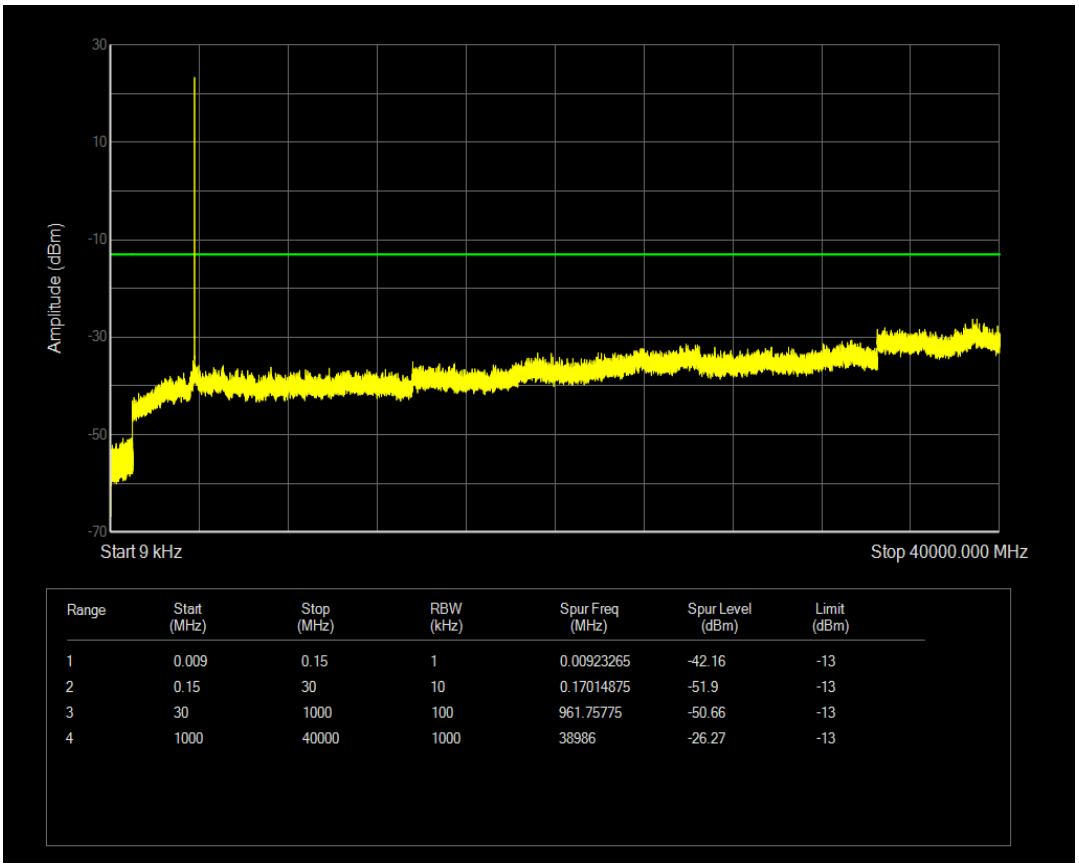
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.015813825	-42.73	-13
2	0.15	30	10	0.15522375	-51.82	-13
3	30	1000	100	862.2115	-50.95	-13
4	1000	40000	1000	39131.275	-27.39	-13

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



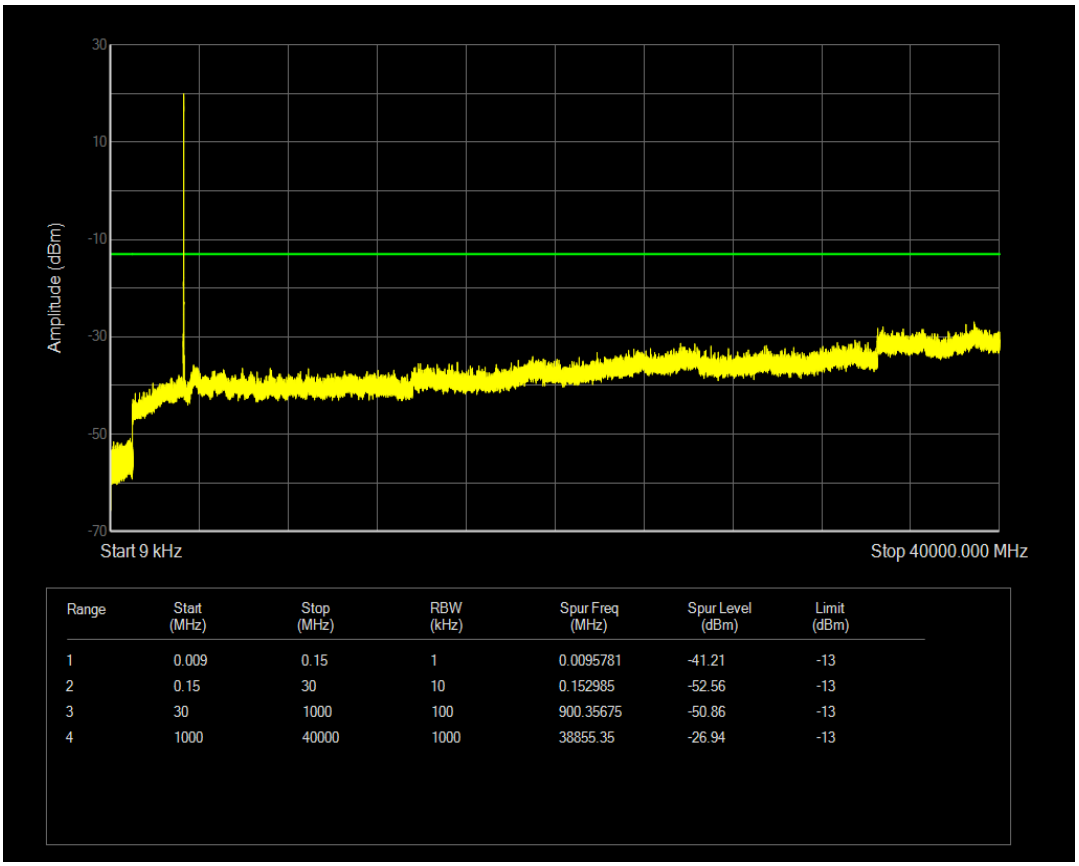
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012394575	-41.3	-13
2	0.15	30	10	0.1514925	-51.59	-13
3	30	1000	100	866.4795	-50.6	-13
4	1000	40000	1000	38807.575	-27.38	-13

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



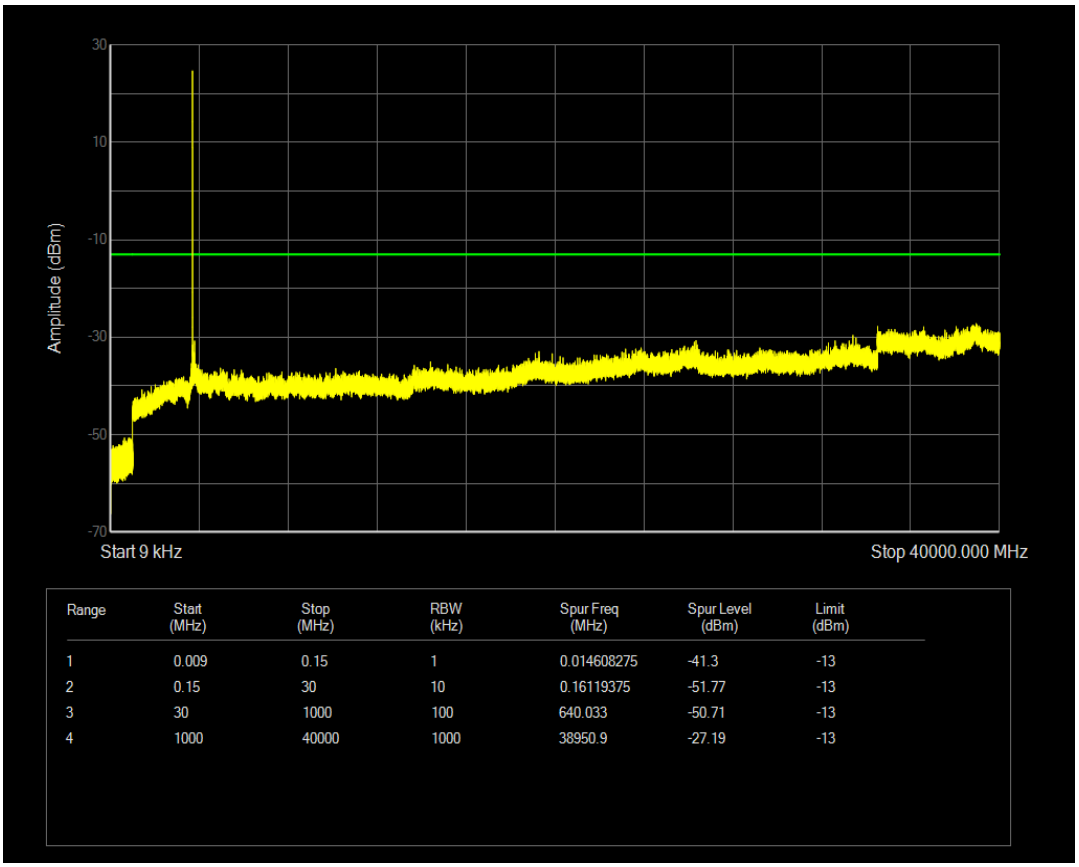
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00923265	-42.16	-13
2	0.15	30	10	0.17014875	-51.9	-13
3	30	1000	100	961.75775	-50.66	-13
4	1000	40000	1000	38986	-26.27	-13

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



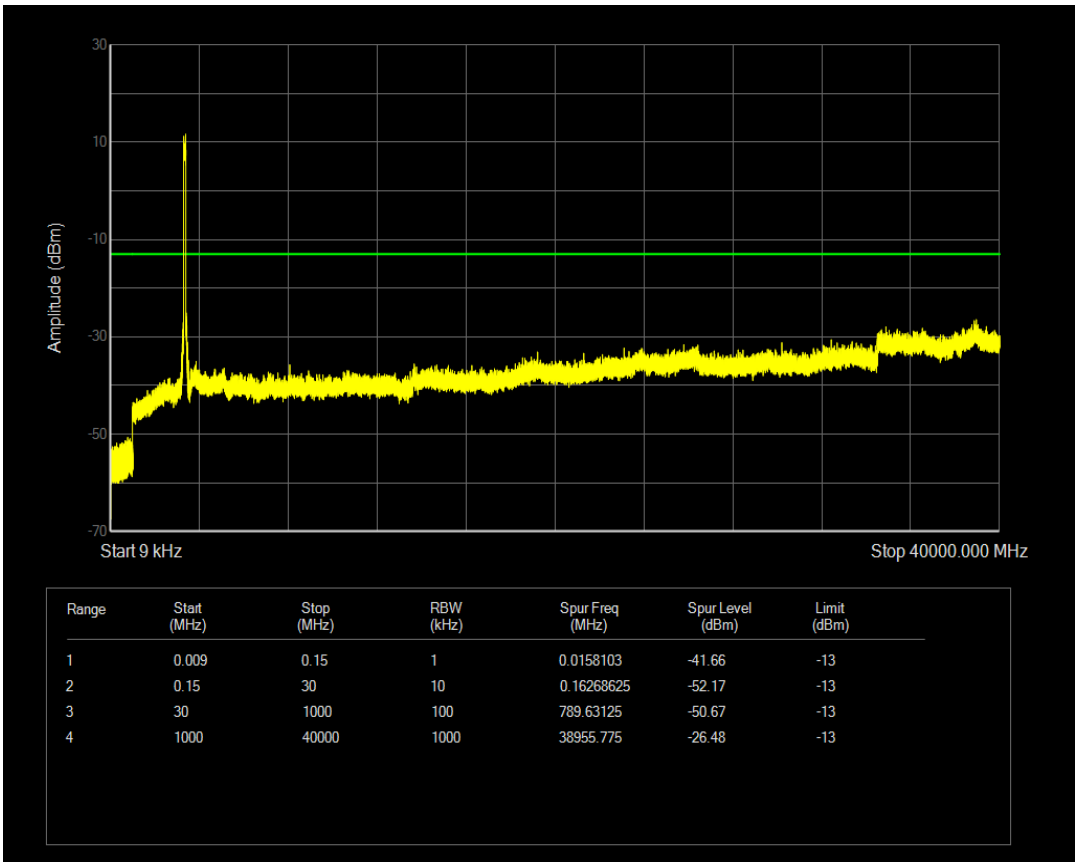
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095781	-41.21	-13
2	0.15	30	10	0.152985	-52.56	-13
3	30	1000	100	900.35675	-50.86	-13
4	1000	40000	1000	38855.35	-26.94	-13

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



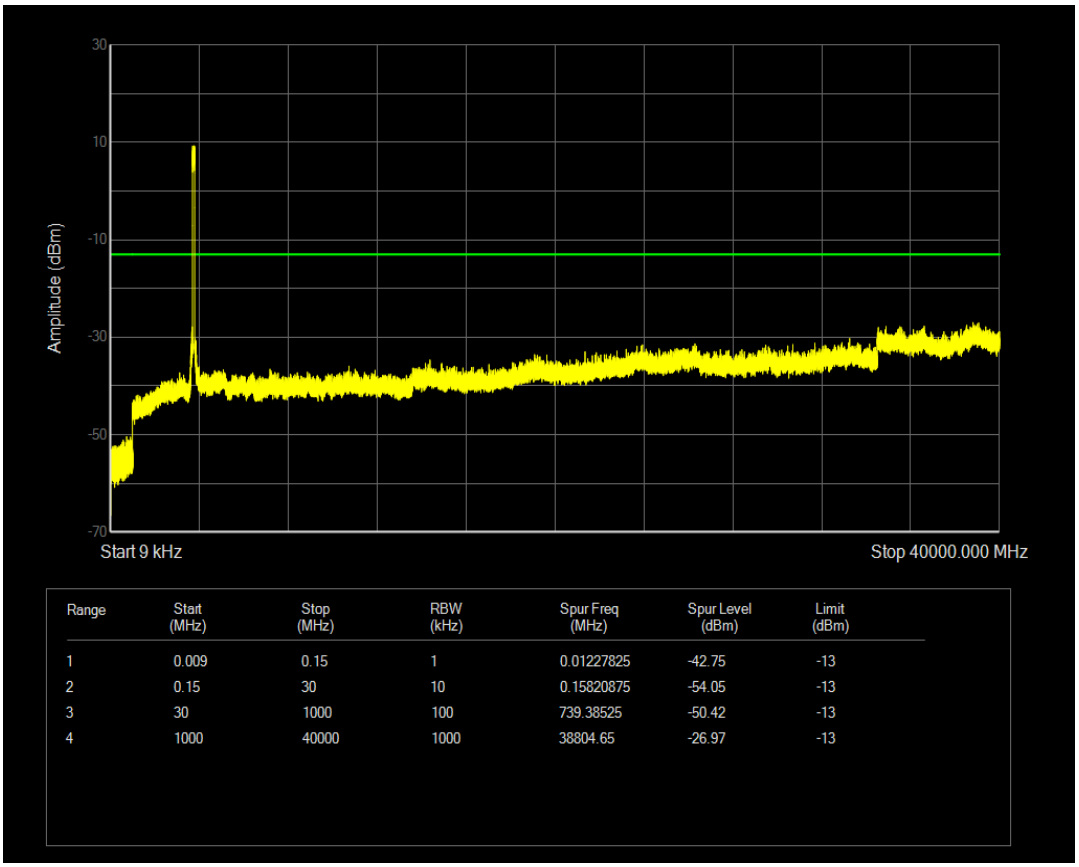
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014608275	-41.3	-13
2	0.15	30	10	0.16119375	-51.77	-13
3	30	1000	100	640.033	-50.71	-13
4	1000	40000	1000	38950.9	-27.19	-13

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



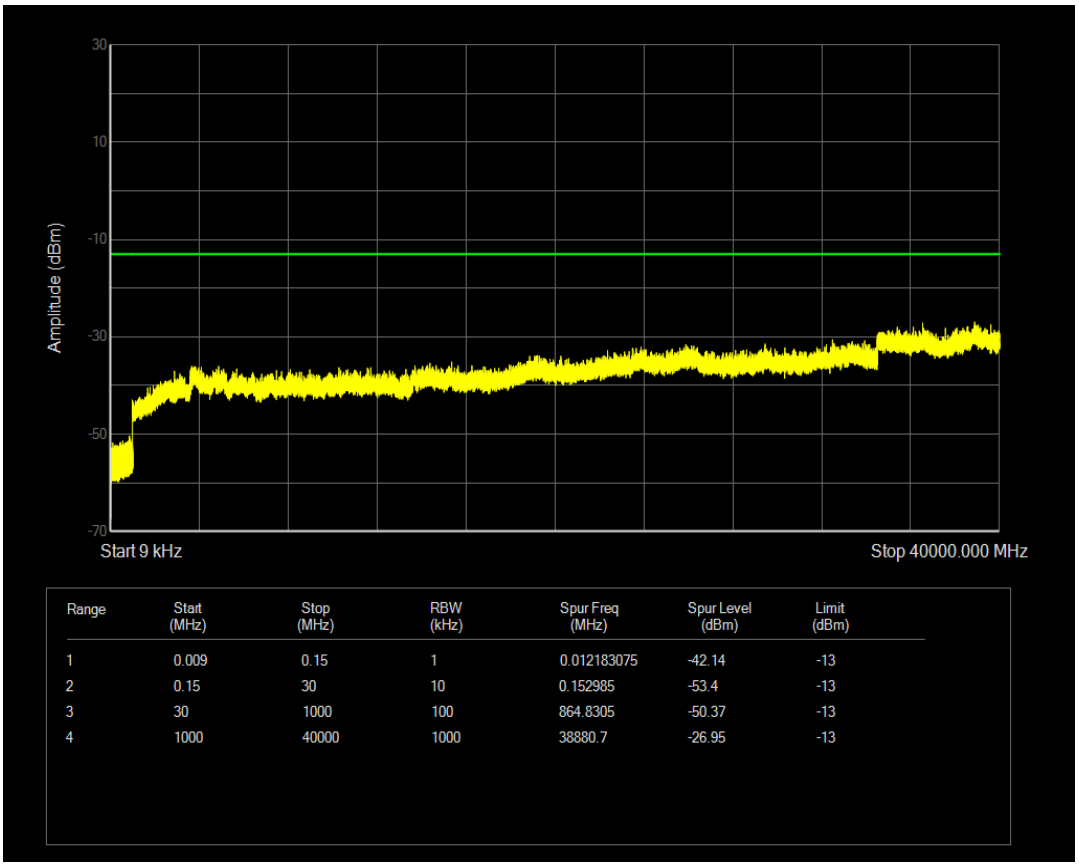
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0158103	-41.66	-13
2	0.15	30	10	0.16268625	-52.17	-13
3	30	1000	100	789.63125	-50.67	-13
4	1000	40000	1000	38955.775	-26.48	-13

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



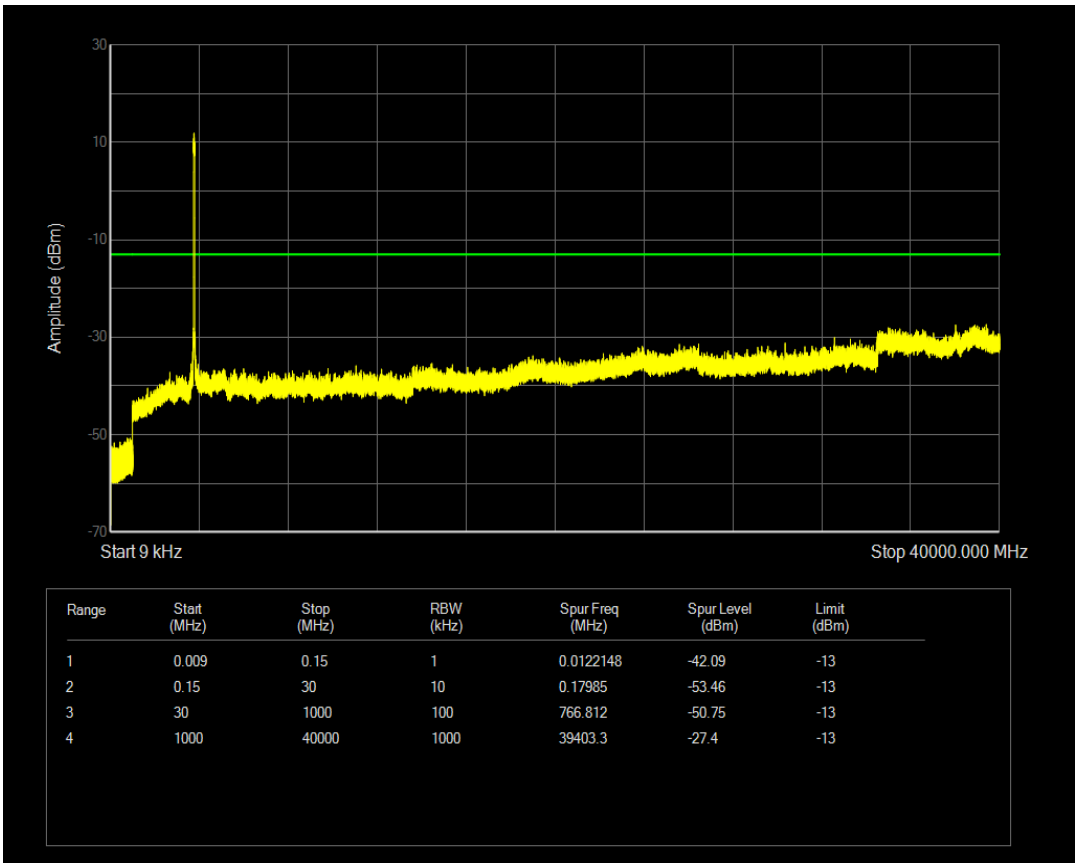
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01227825	-42.75	-13
2	0.15	30	10	0.15820875	-54.05	-13
3	30	1000	100	739.38525	-50.42	-13
4	1000	40000	1000	38804.65	-26.97	-13

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



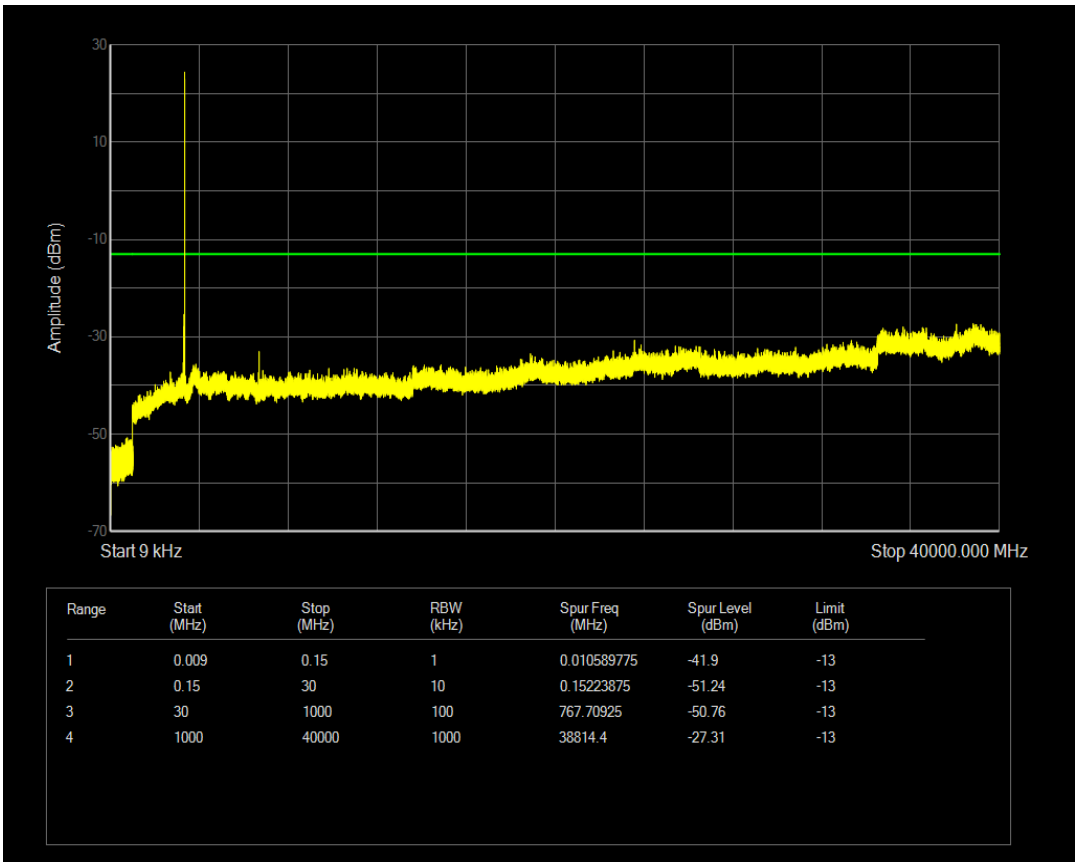
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012183075	-42.14	-13
2	0.15	30	10	0.152985	-53.4	-13
3	30	1000	100	864.8305	-50.37	-13
4	1000	40000	1000	38880.7	-26.95	-13

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



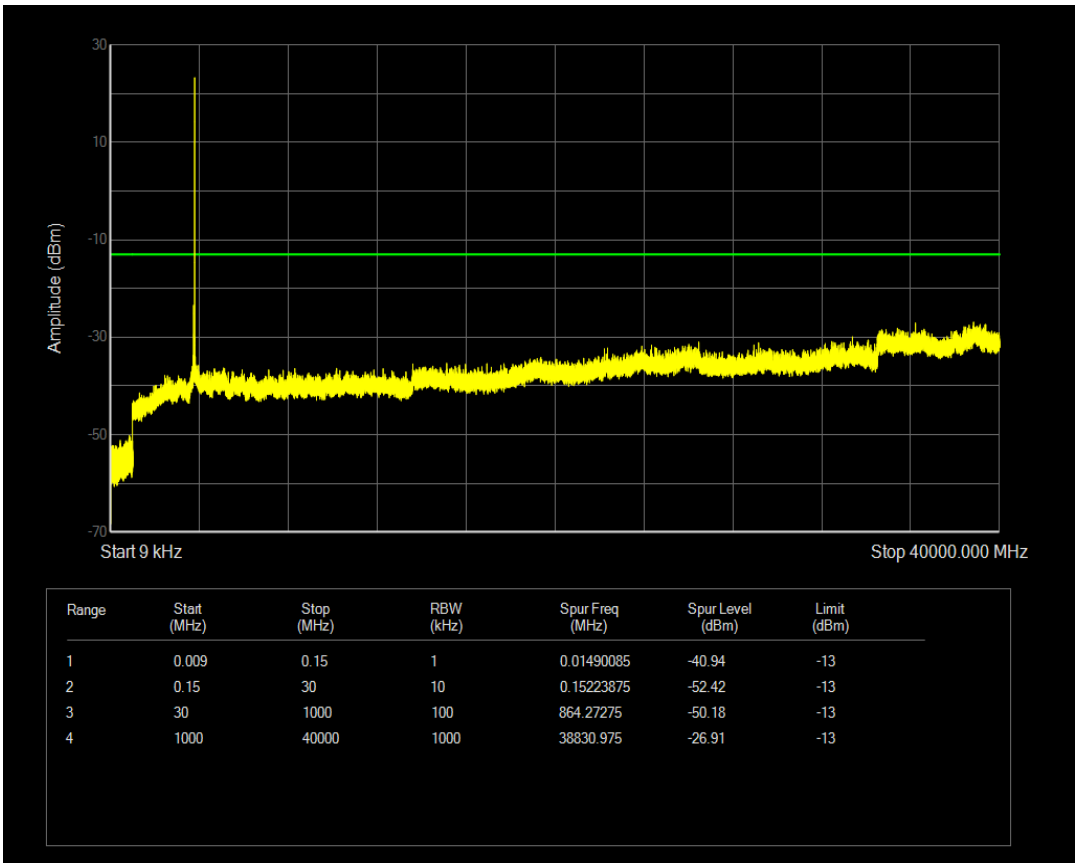
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0122148	-42.09	-13
2	0.15	30	10	0.17985	-53.46	-13
3	30	1000	100	766.812	-50.75	-13
4	1000	40000	1000	39403.3	-27.4	-13

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



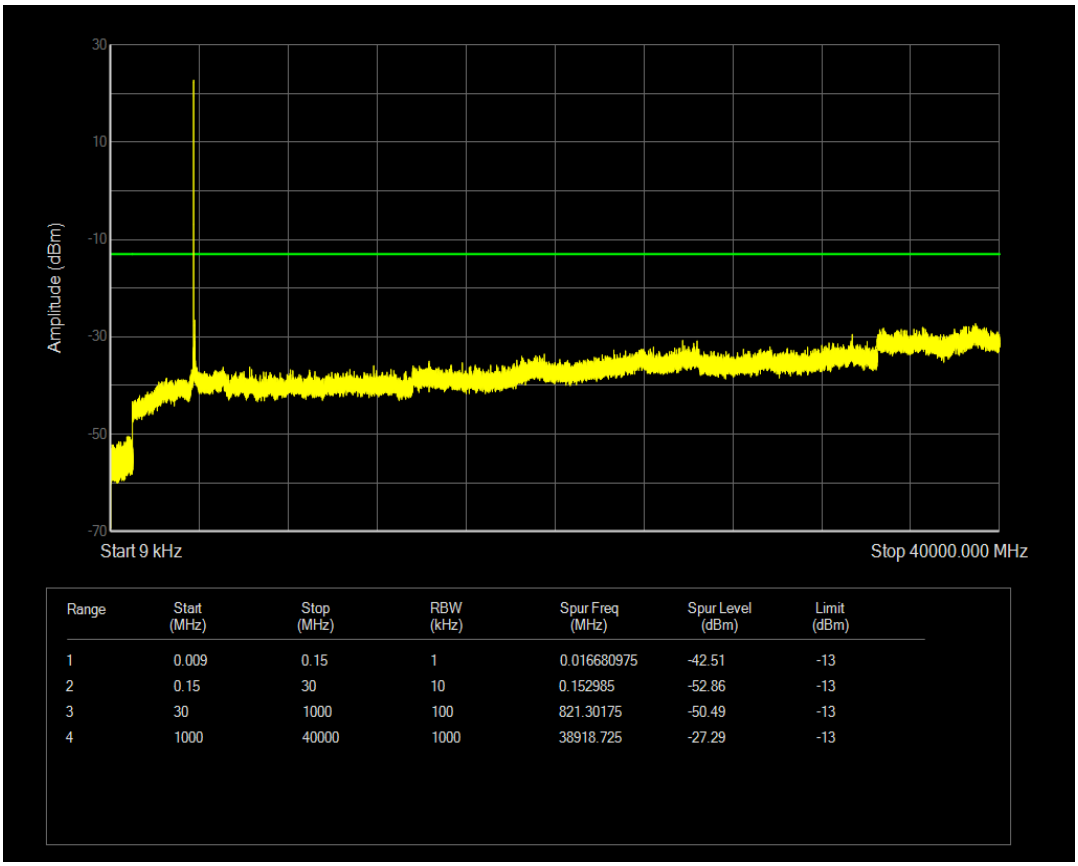
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010589775	-41.9	-13
2	0.15	30	10	0.15223875	-51.24	-13
3	30	1000	100	767.70925	-50.76	-13
4	1000	40000	1000	38814.4	-27.31	-13

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



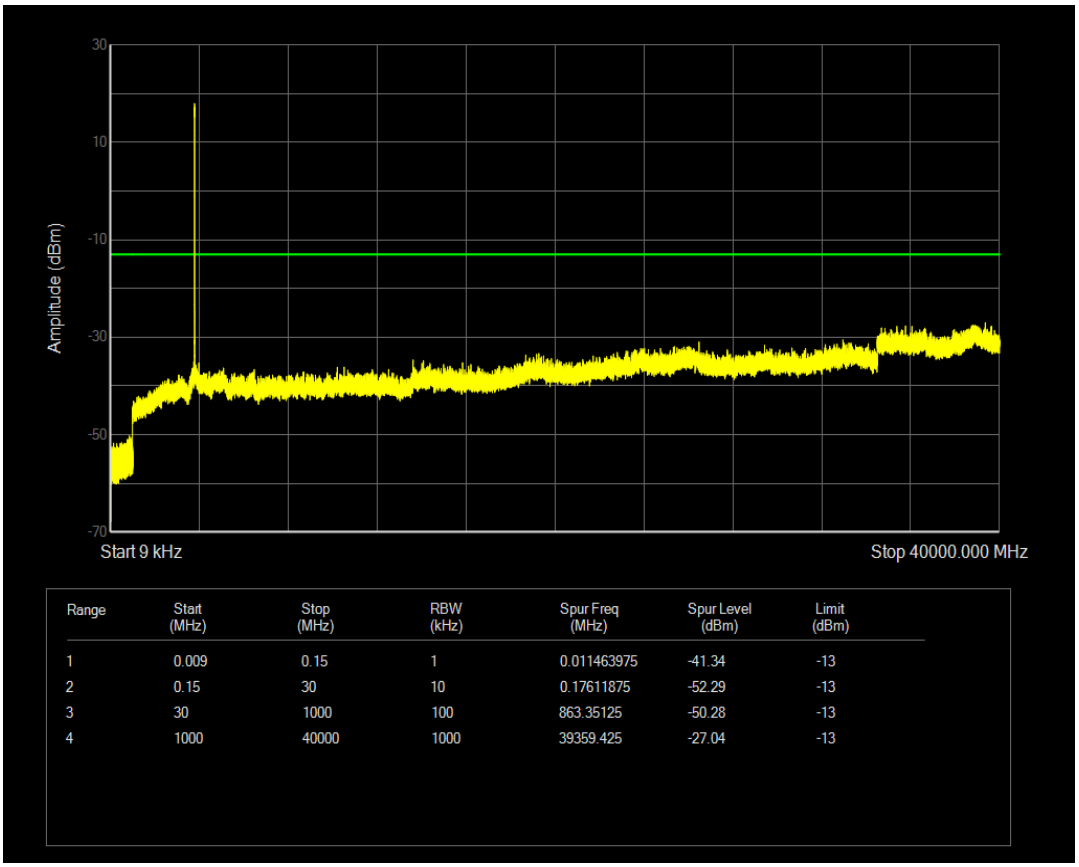
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01490085	-40.94	-13
2	0.15	30	10	0.15223875	-52.42	-13
3	30	1000	100	864.27275	-50.18	-13
4	1000	40000	1000	38830.975	-26.91	-13

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



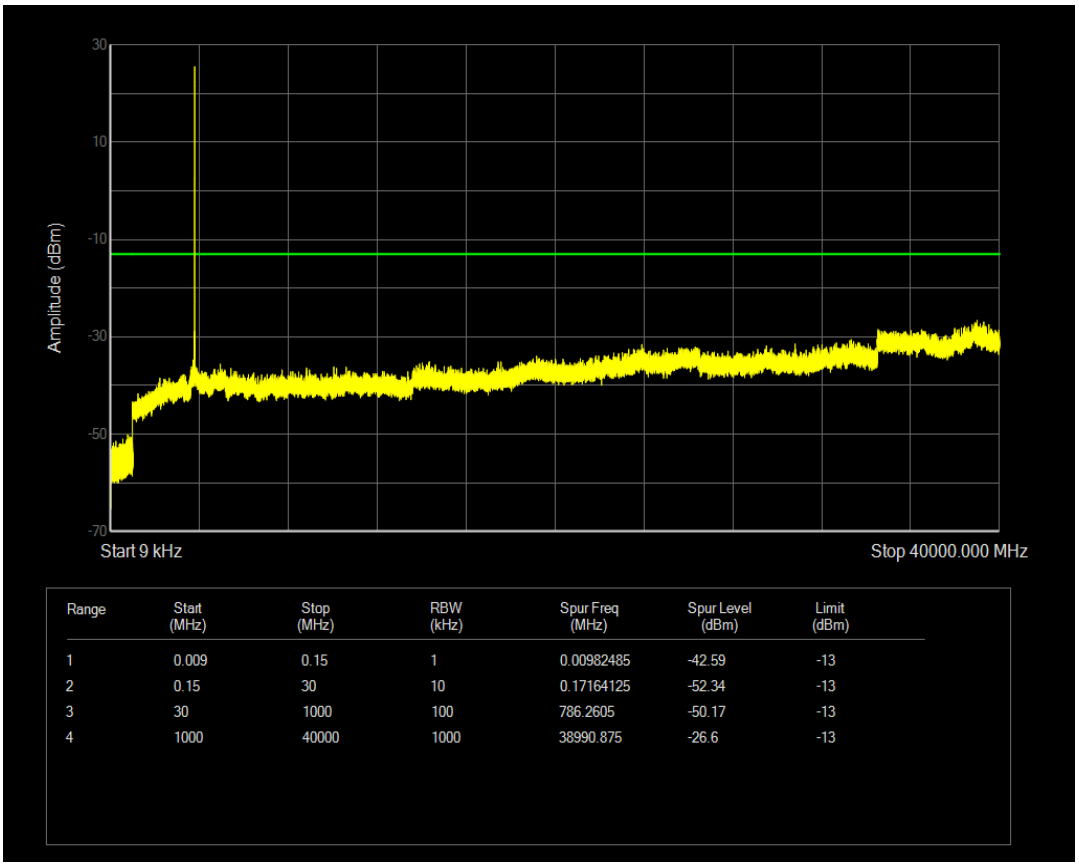
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.016680975	-42.51	-13
2	0.15	30	10	0.152985	-52.86	-13
3	30	1000	100	821.30175	-50.49	-13
4	1000	40000	1000	38918.725	-27.29	-13

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



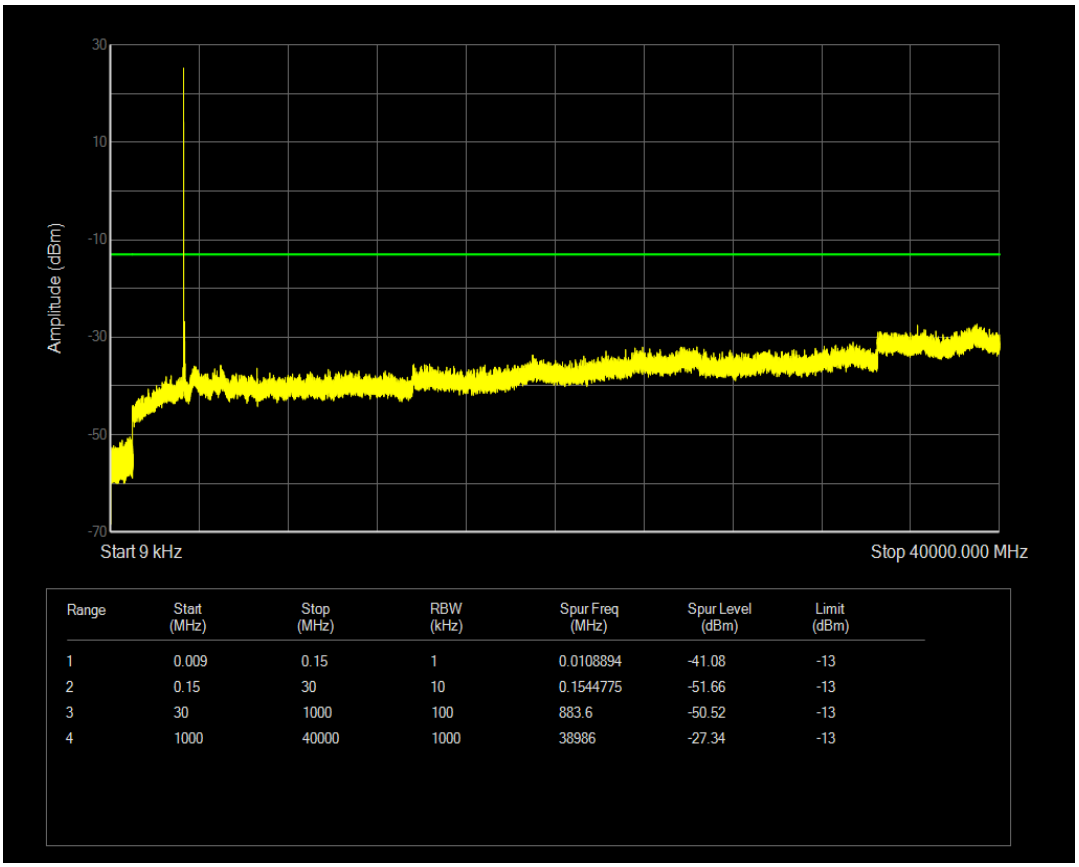
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011463975	-41.34	-13
2	0.15	30	10	0.17611875	-52.29	-13
3	30	1000	100	863.35125	-50.28	-13
4	1000	40000	1000	39359.425	-27.04	-13

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



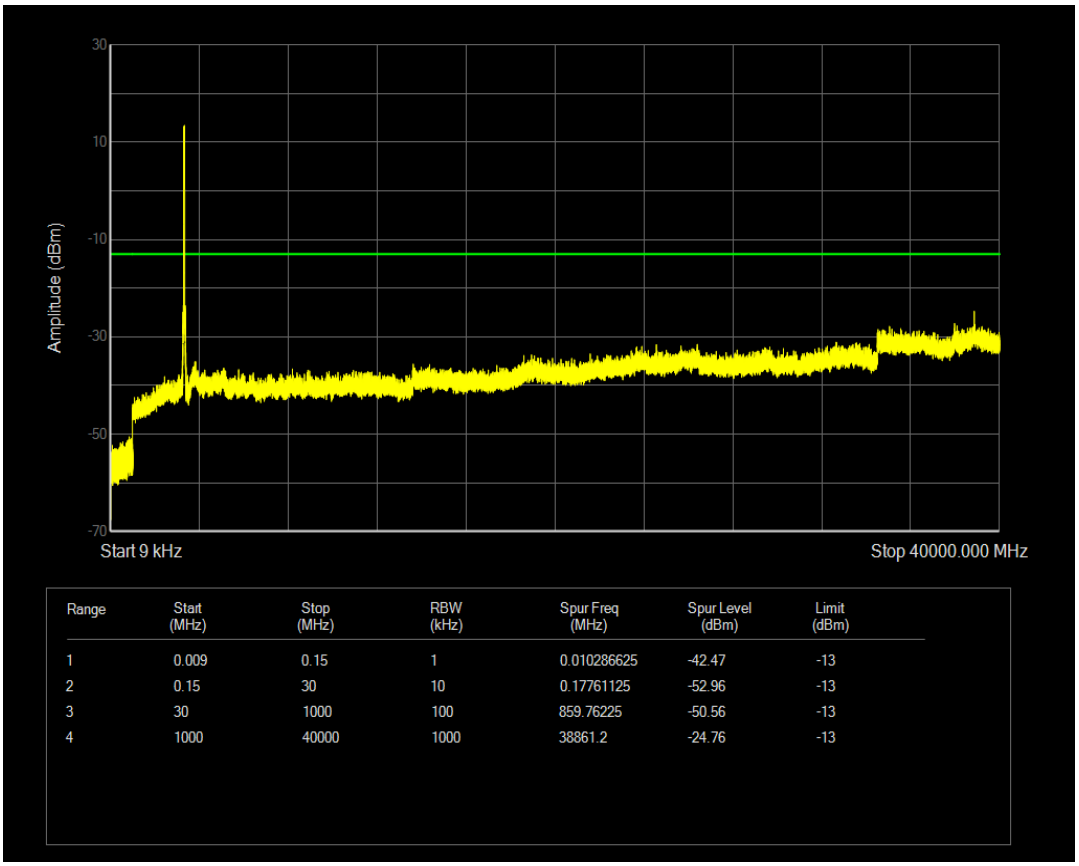
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00982485	-42.59	-13
2	0.15	30	10	0.17164125	-52.34	-13
3	30	1000	100	786.2605	-50.17	-13
4	1000	40000	1000	38990.875	-26.6	-13

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	0.0108894	-41.08	-13
2	0.15	30	10	0.1544775	-51.66	-13
3	30	1000	100	883.6	-50.52	-13
4	1000	40000	1000	38986	-27.34	-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	0.010286625	-42.47	-13
2	0.15	30	10	0.17761125	-52.96	-13
3	30	1000	100	859.76225	-50.56	-13
4	1000	40000	1000	38861.2	-24.76	-13