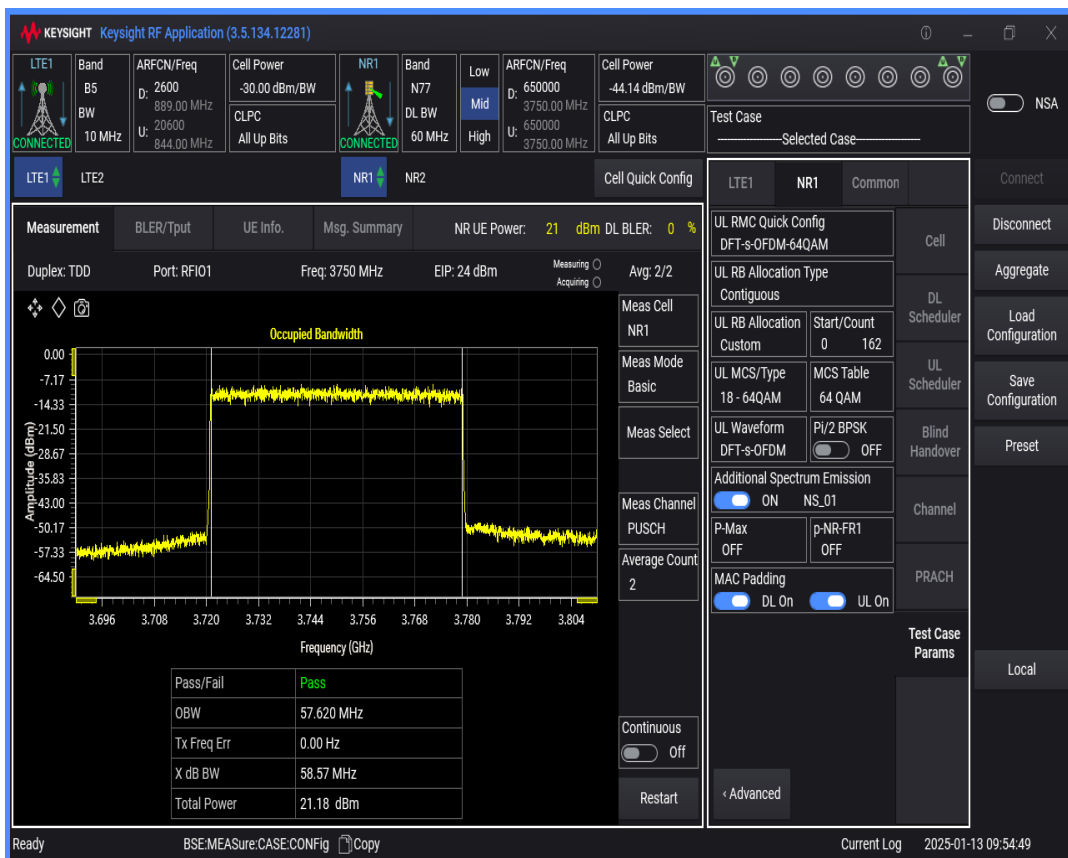
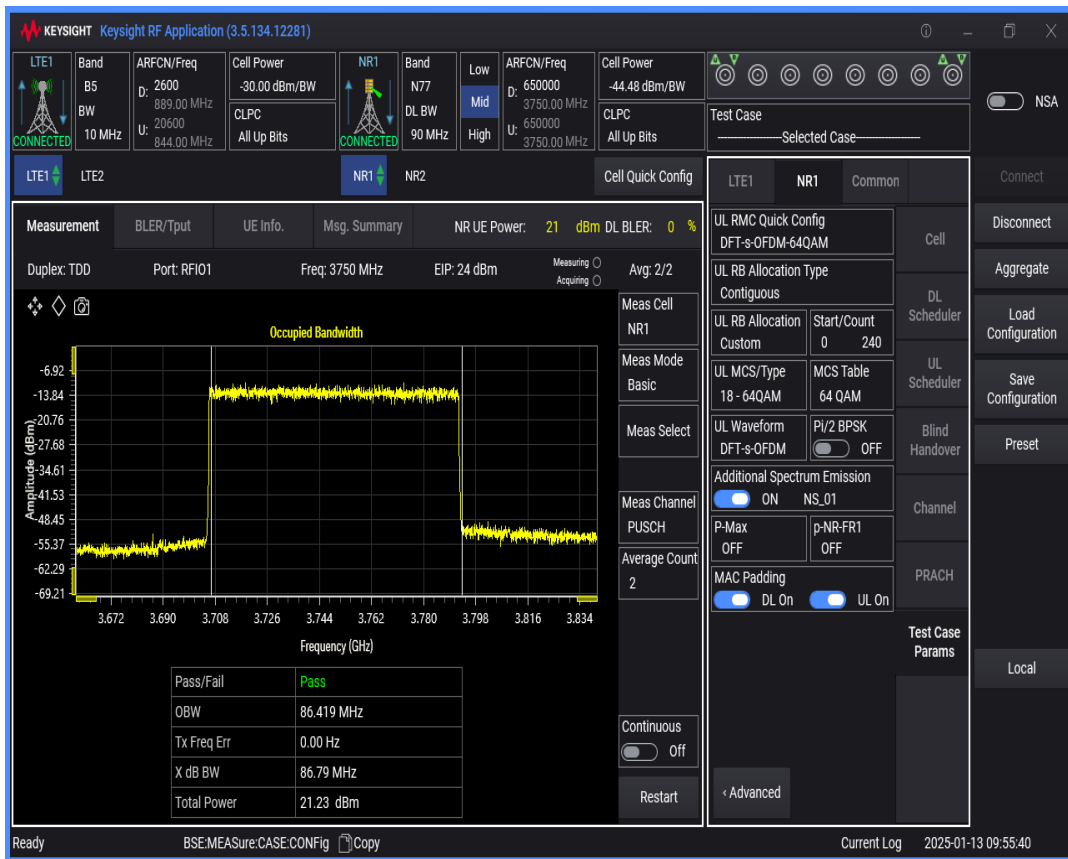




n77 SCS=30kHz DFT_QAM64 BW=60MHz Channel=650000 RB=162@0



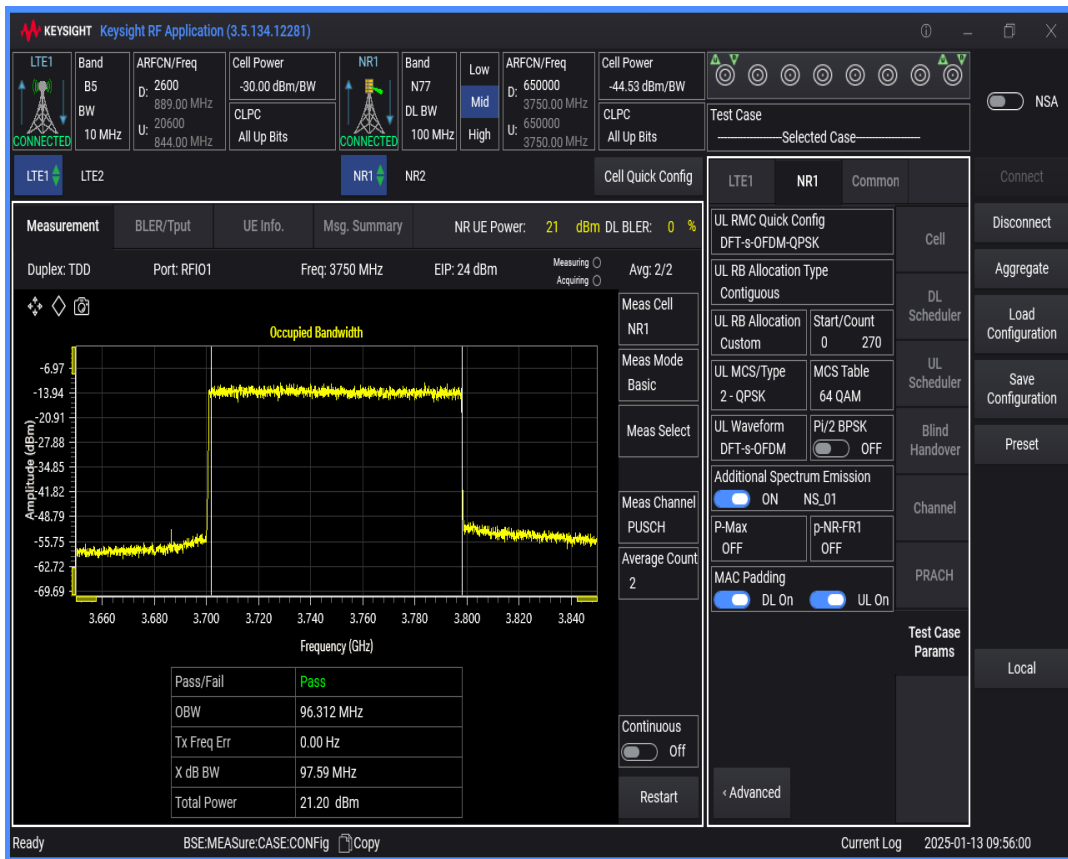
n77 SCS=30kHz DFT_QAM64 BW=90MHz Channel=650000 RB=240@0



n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=650000 RB=24@0



n77 SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



n77 SCS=30kHz DFT_QPSK BW=20MHz Channel=650000 RB=50@0



n77 SCS=30kHz DFT_QPSK BW=15MHz Channel=650000 RB=36@0



n77 SCS=30kHz DFT_QPSK BW=50MHz Channel=650000 RB=128@0



n77 SCS=30kHz DFT_QPSK BW=40MHz Channel=650000 RB=100@0



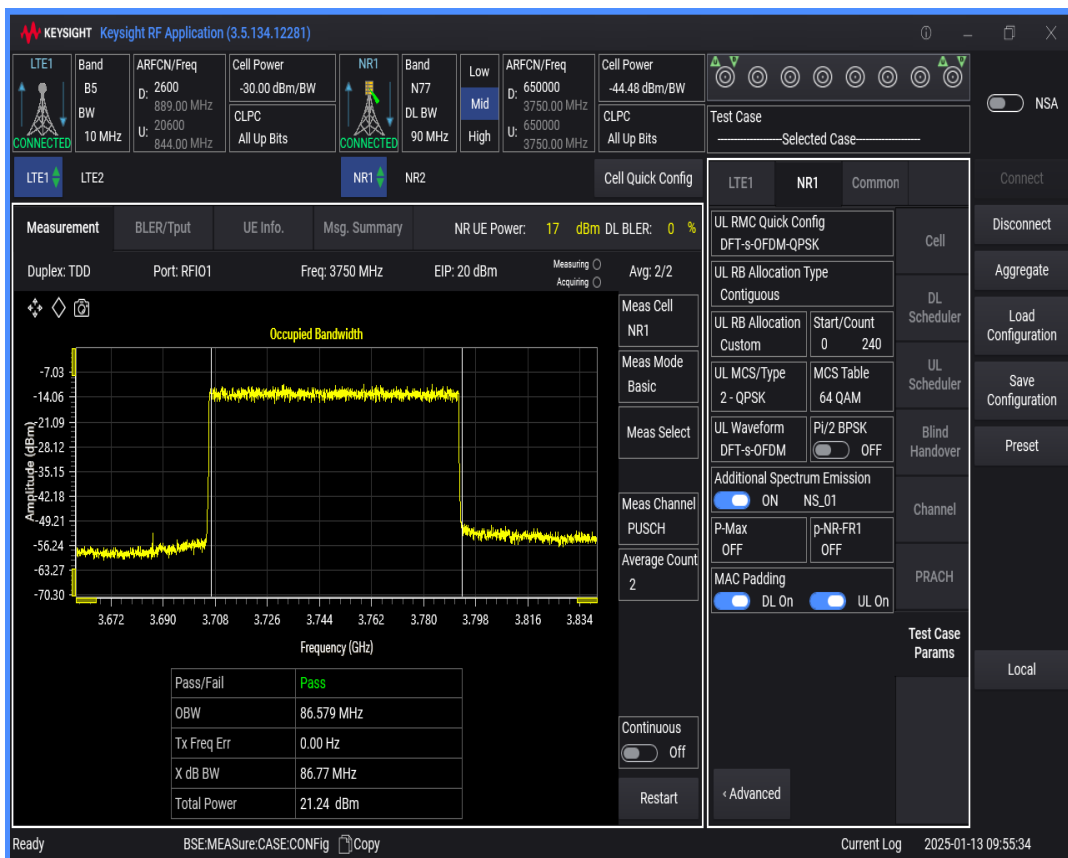
n77 SCS=30kHz DFT_QPSK BW=80MHz Channel=650000 RB=216@0



n77 SCS=30kHz DFT_QPSK BW=60MHz Channel=650000 RB=162@0



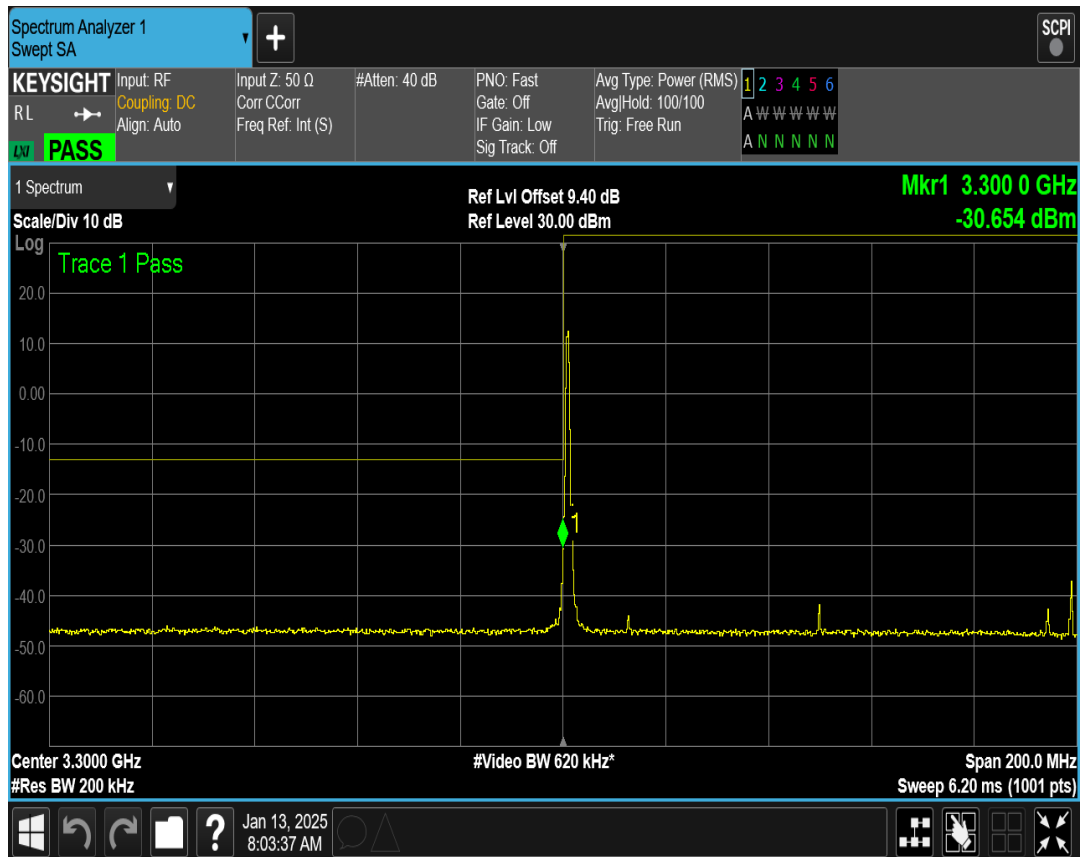
n77 SCS=30kHz DFT_QPSK BW=90MHz Channel=650000 RB=240@0



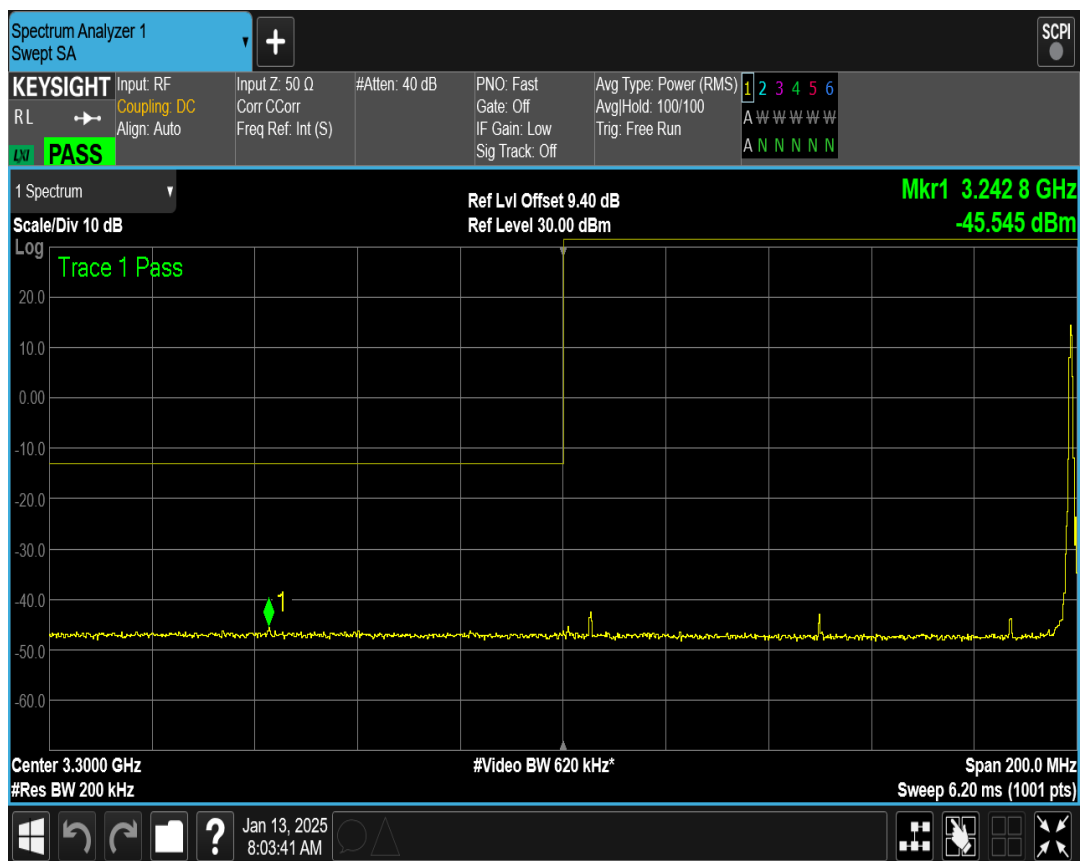
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77	30	10	620334	24@0	CP_QPSK	3299.90	-38.98	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	3299.94	-36.72	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	3294.50	-45.14	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	4200.28	-40.85	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	4200.42	-43.42	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	4200.04	-37.44	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	3297.90	-36.91	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	3300.00	-37.50	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	3250.20	-46.30	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	4200.10	-37.42	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	4222.00	-43.46	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	4200.00	-42.55	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	3300.00	-21.97	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	3300.00	-30.65	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	3242.80	-45.54	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	4200.00	-23.20	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	4260.40	-43.78	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	4200.00	-38.71	-13	PASS

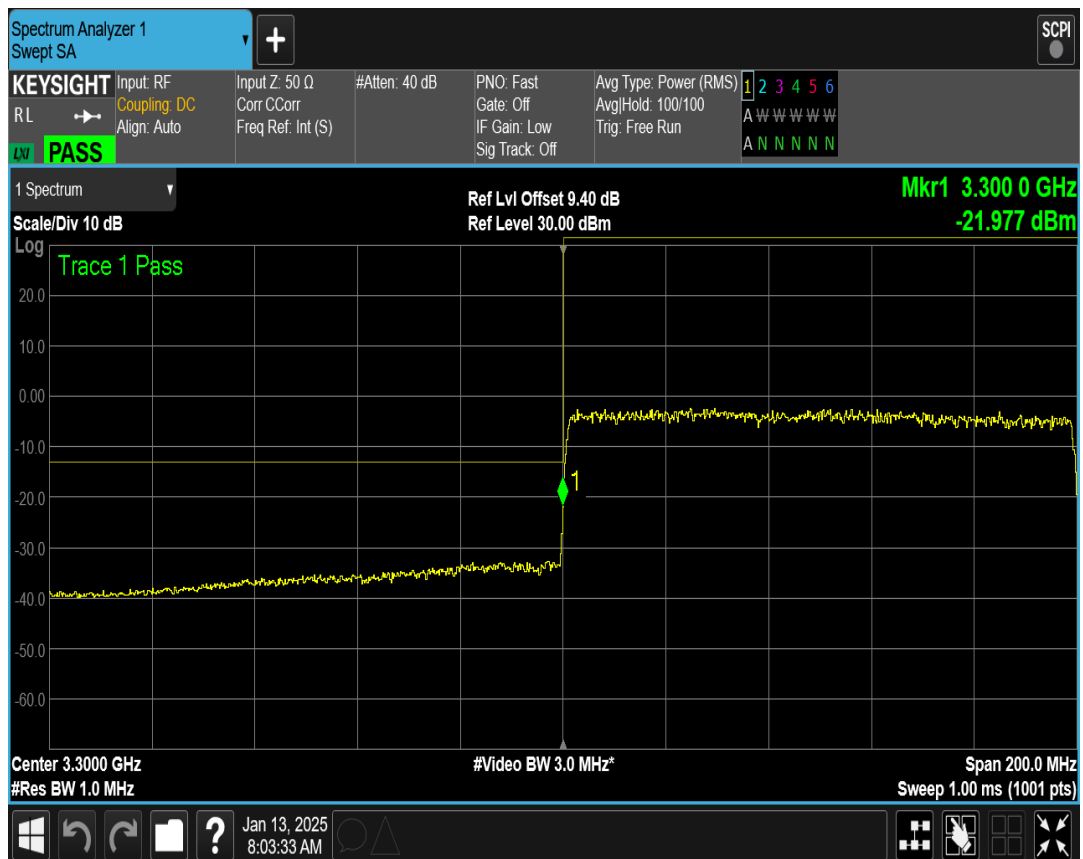
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



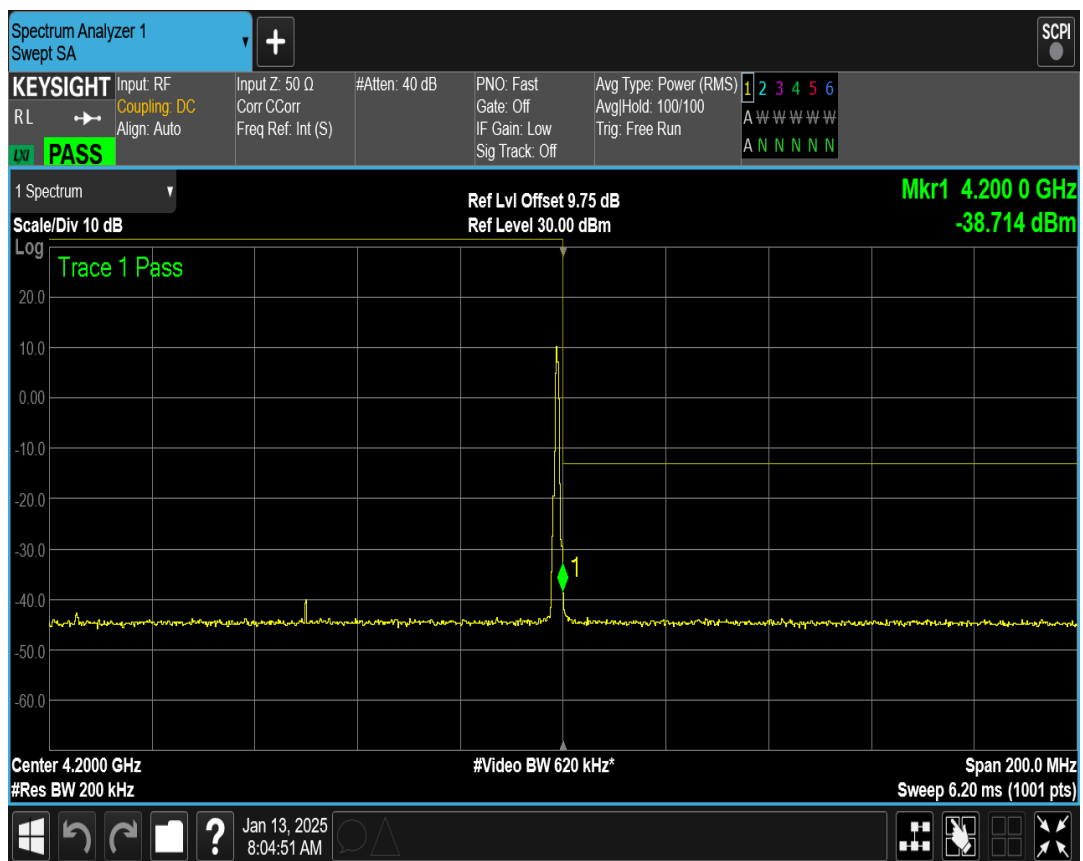
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



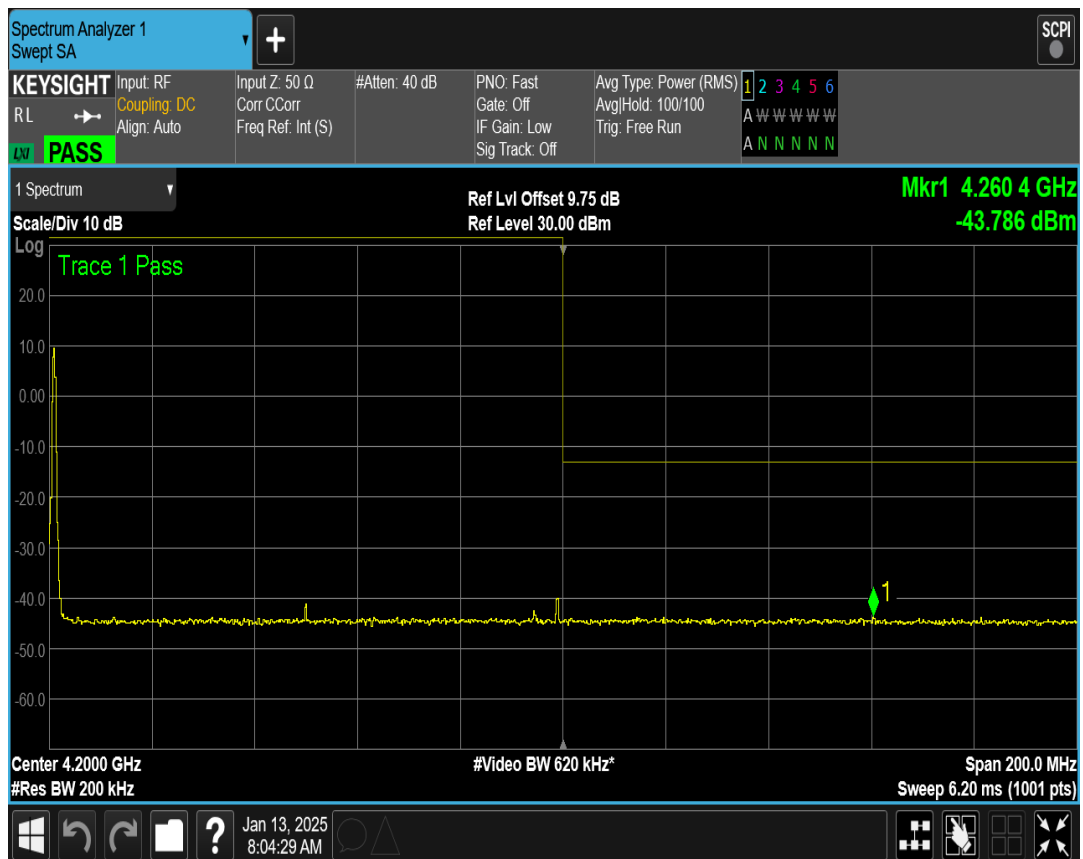
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



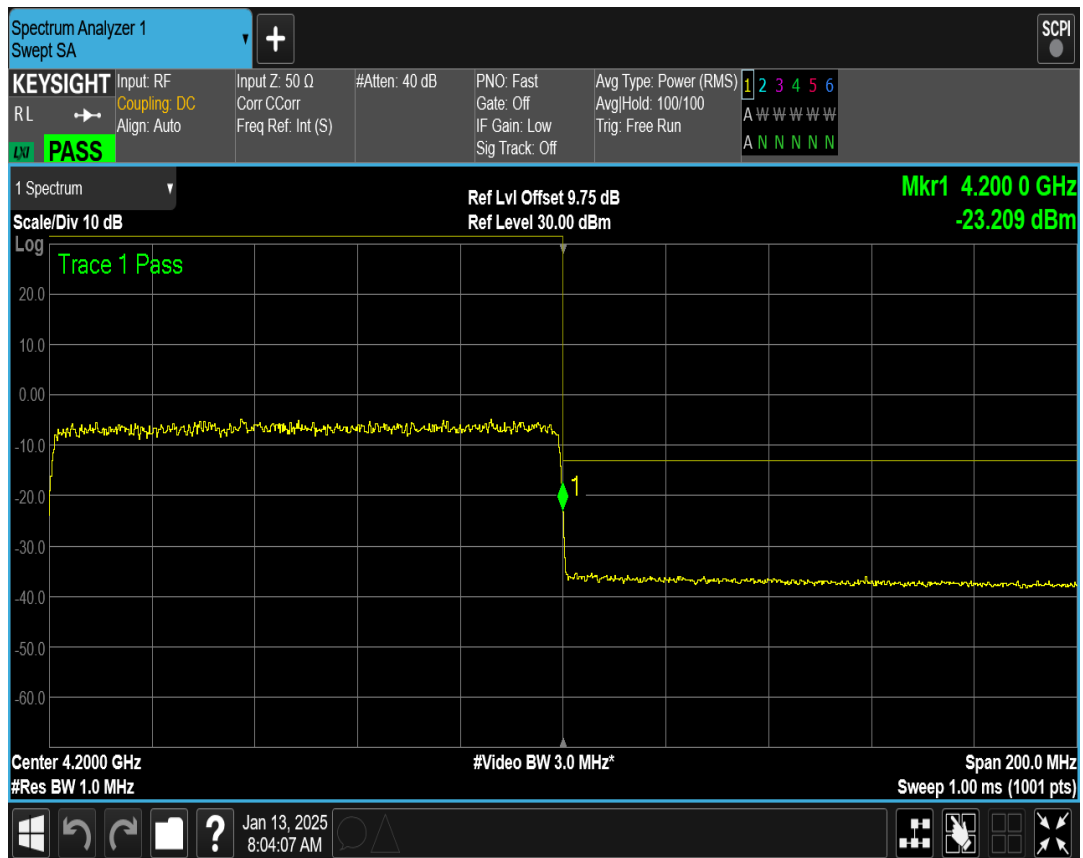
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272



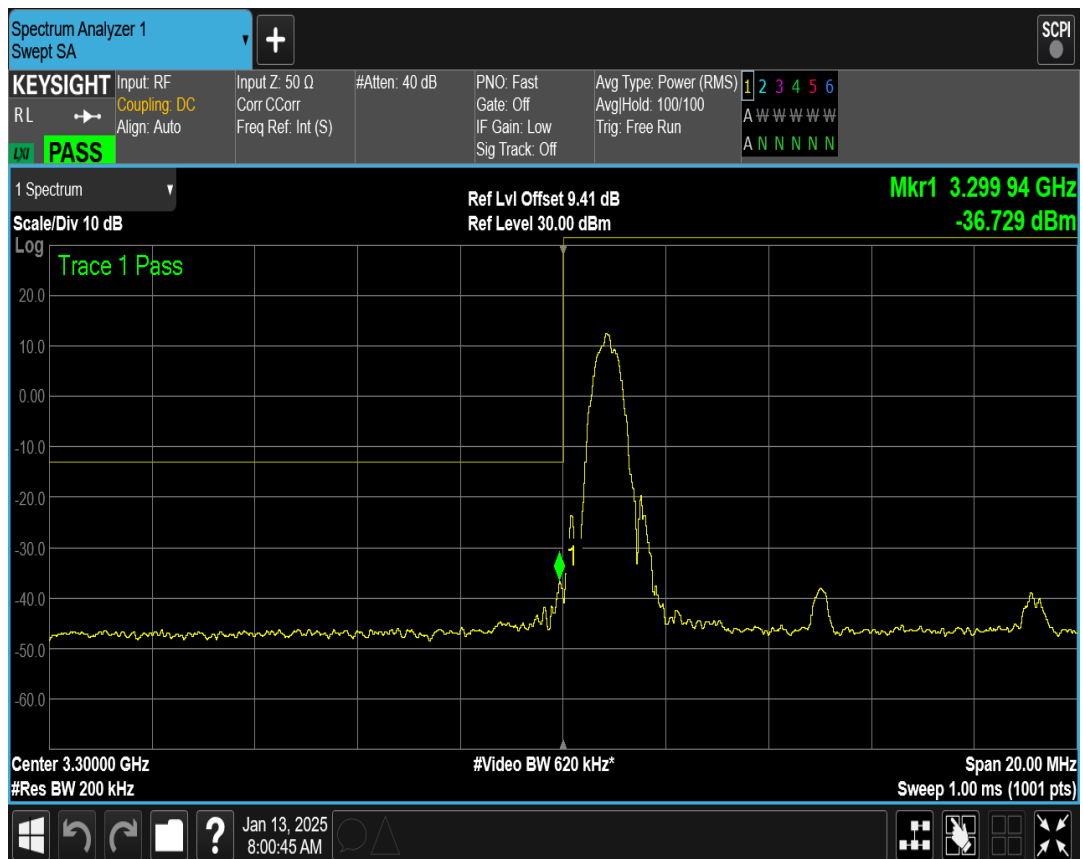
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0



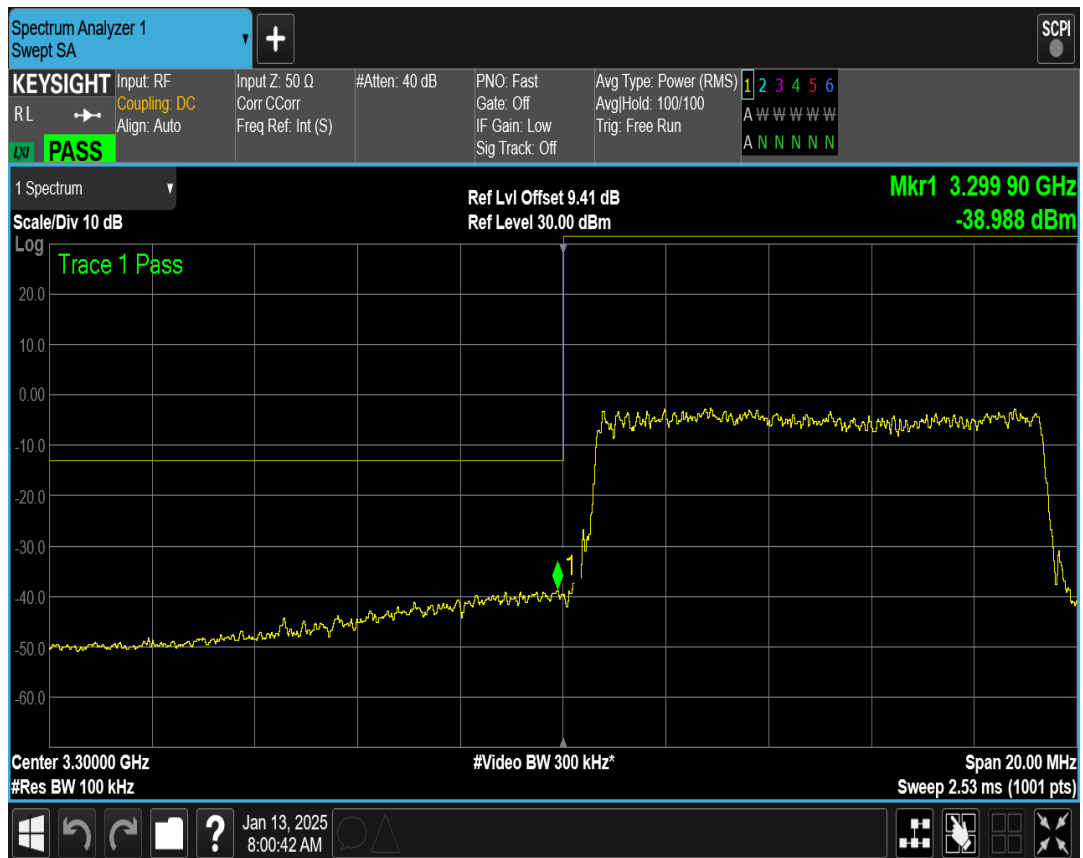
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=273@0



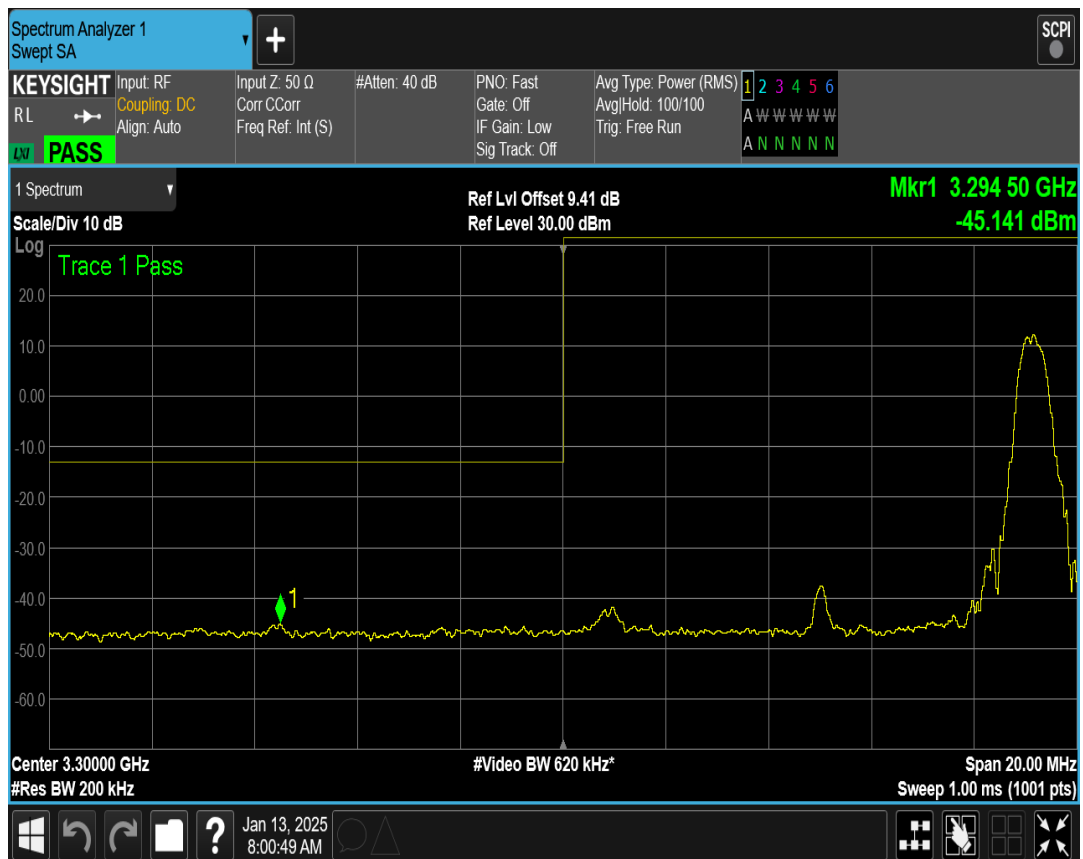
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



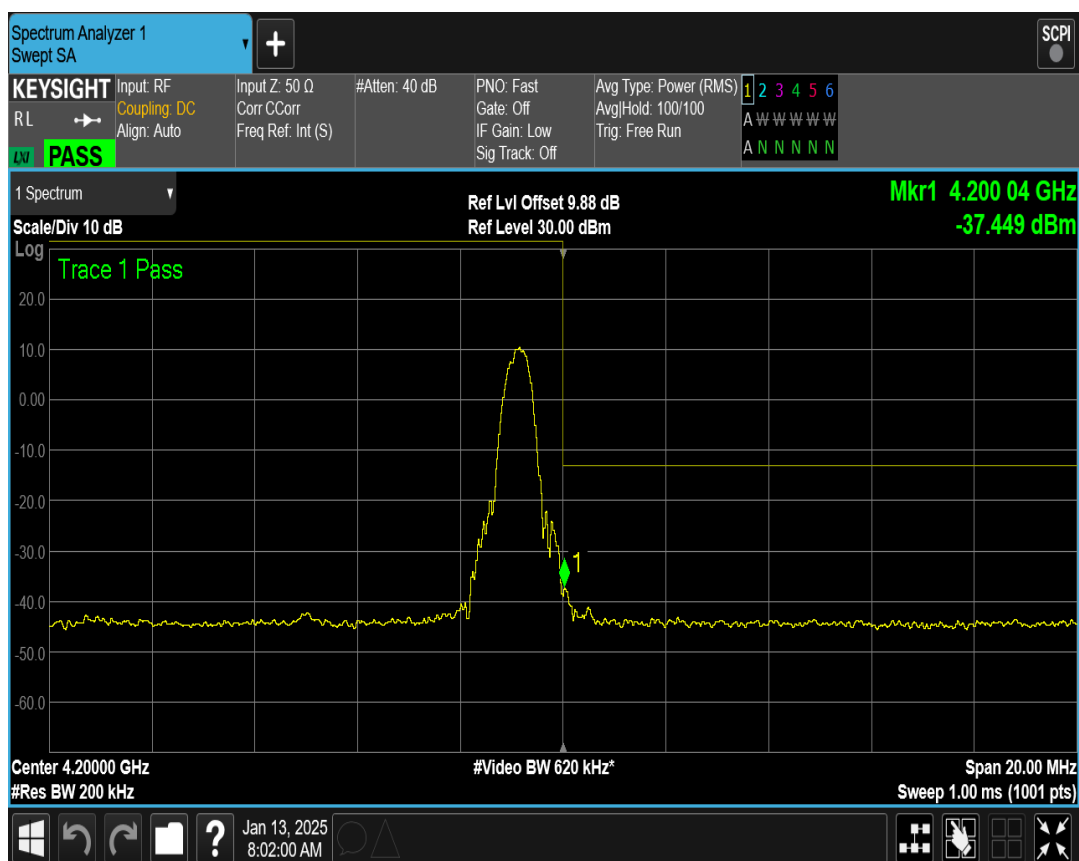
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



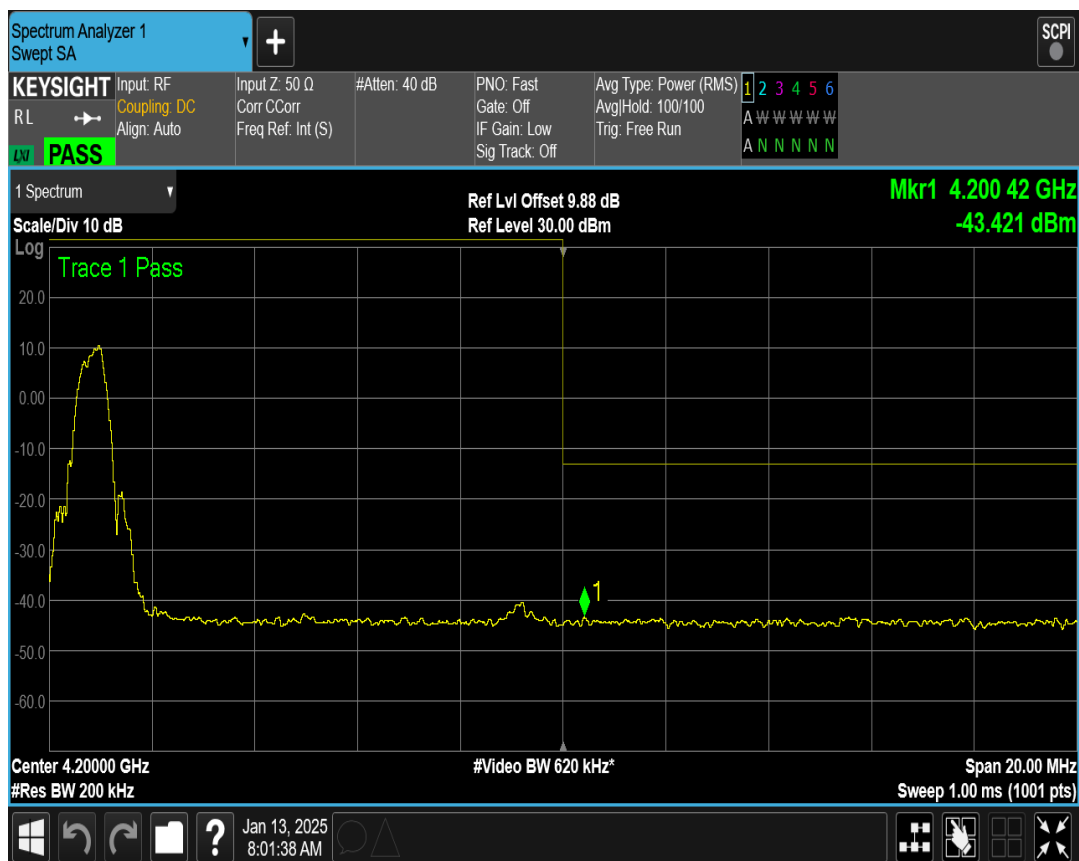
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23



n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23



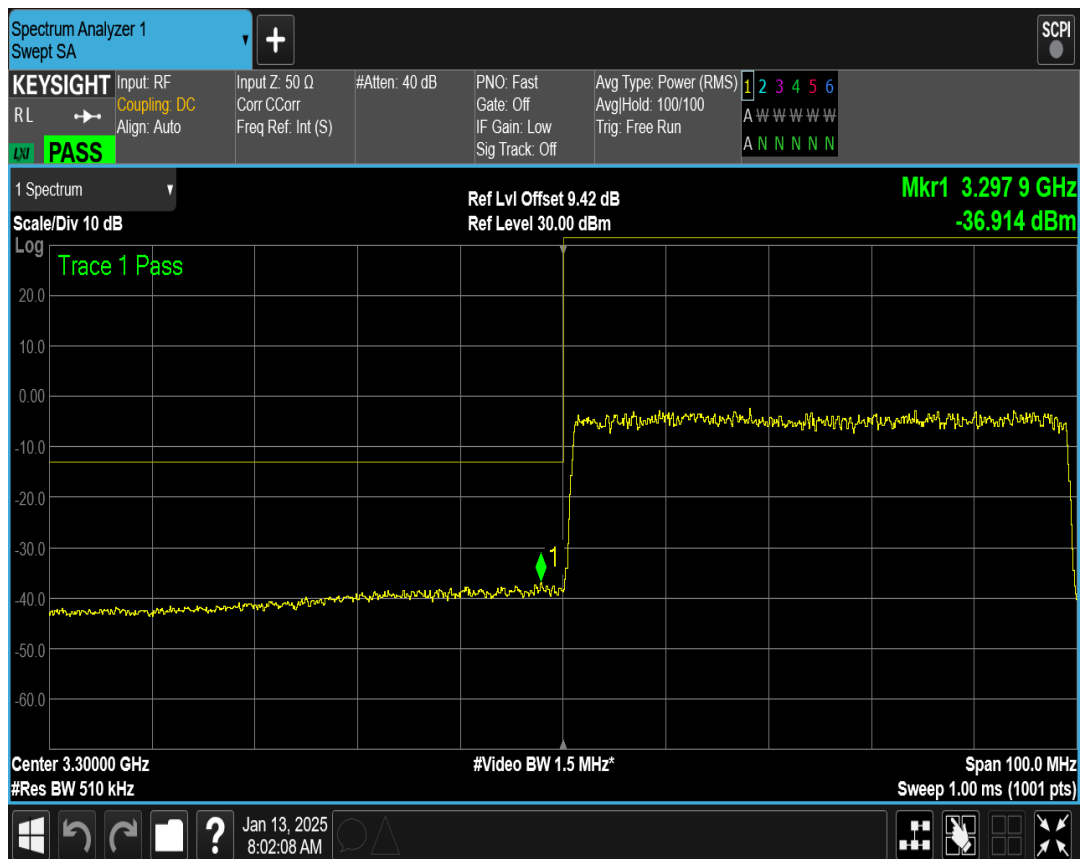
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@0



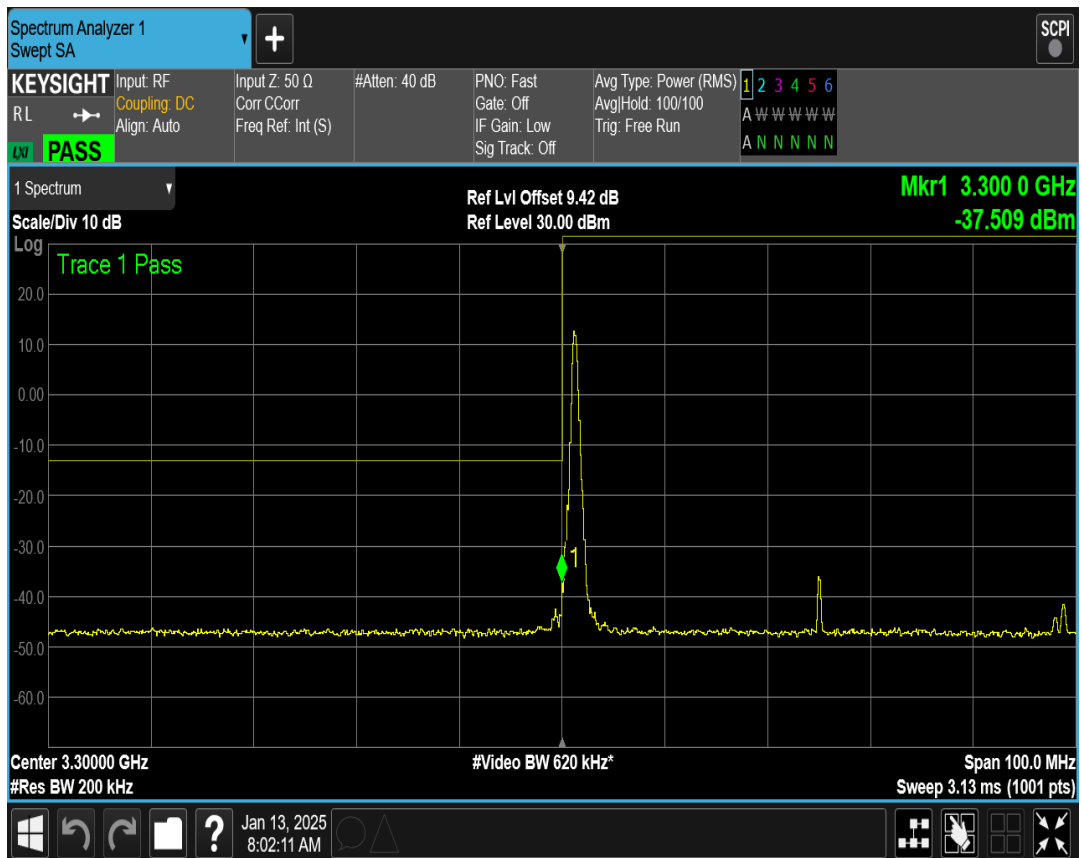
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0



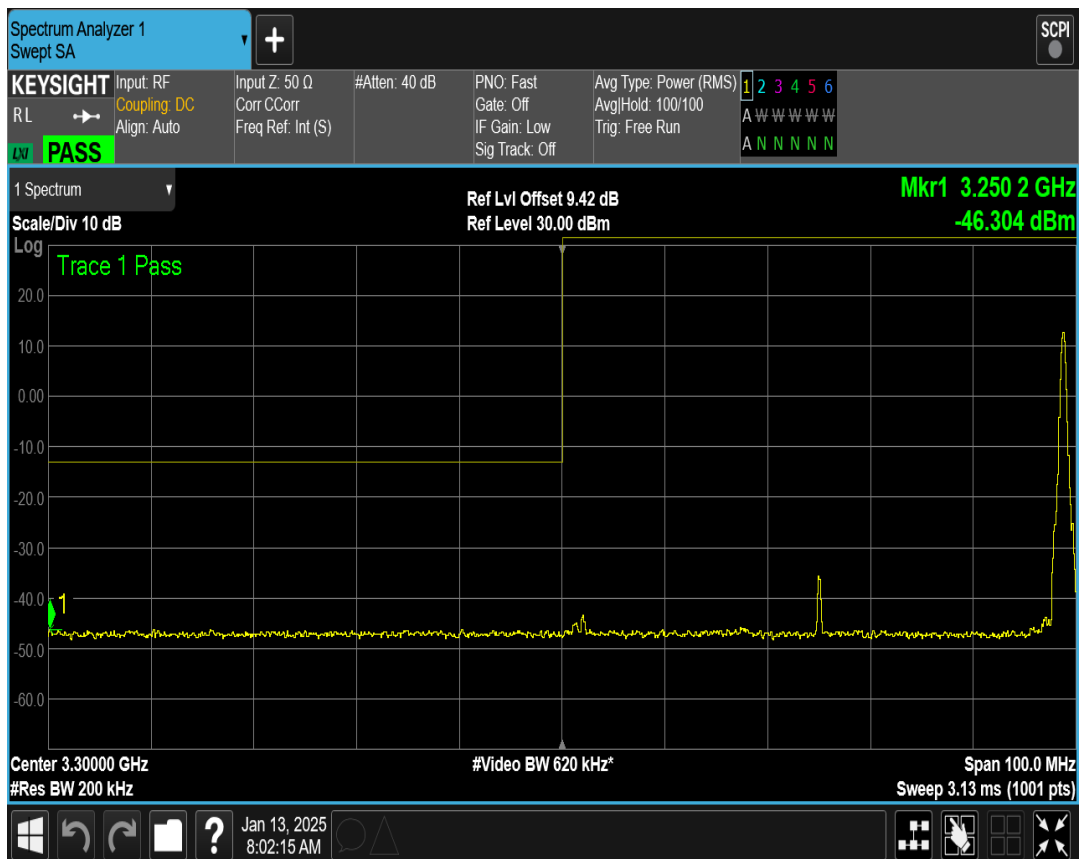
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



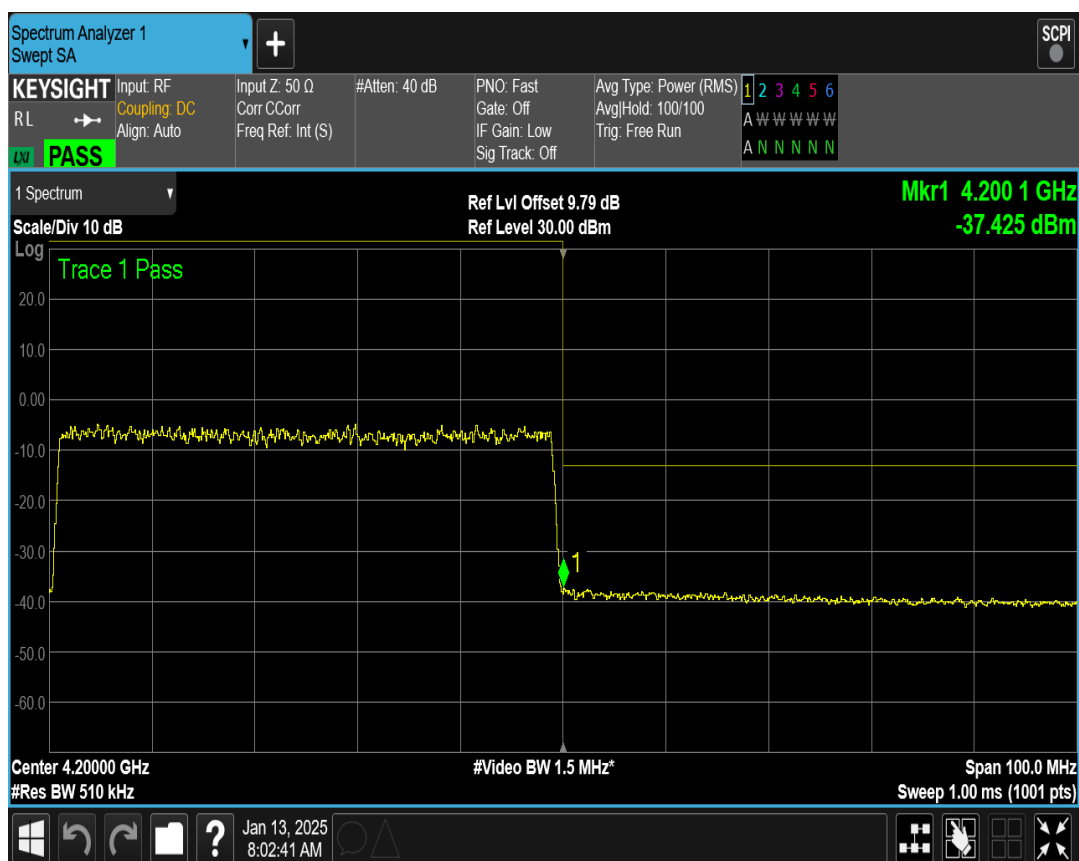
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



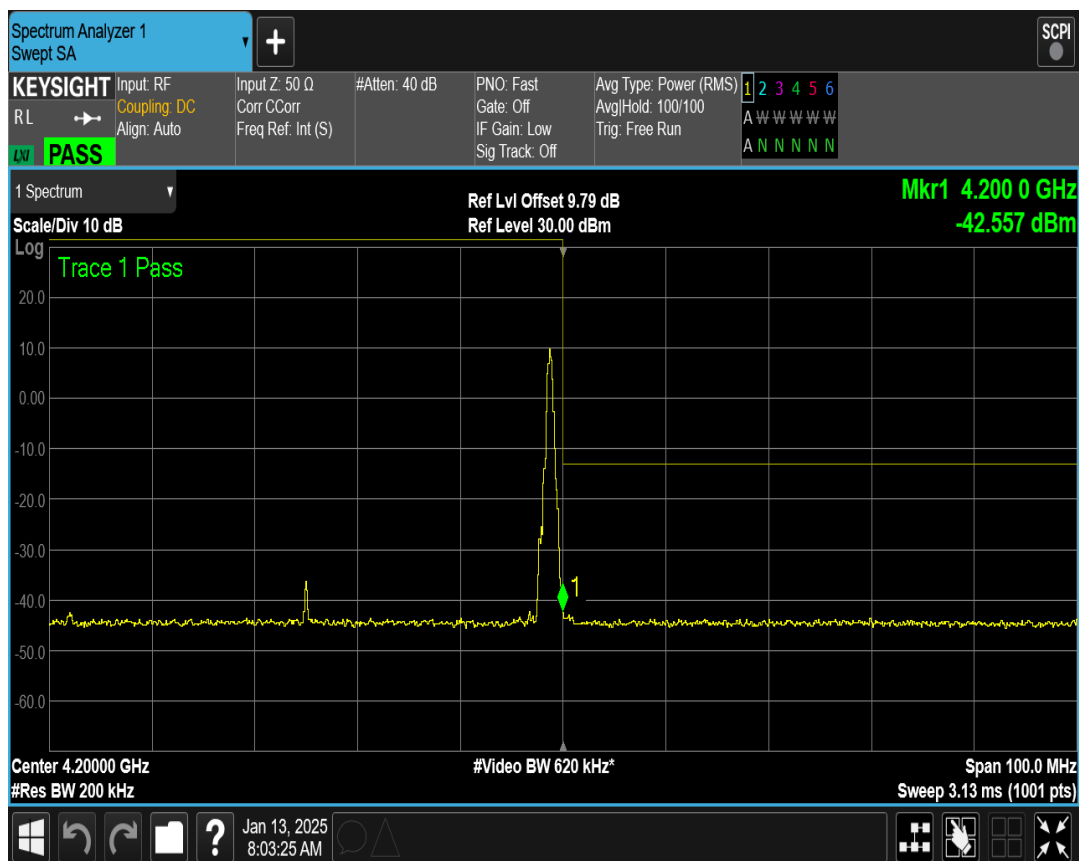
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132



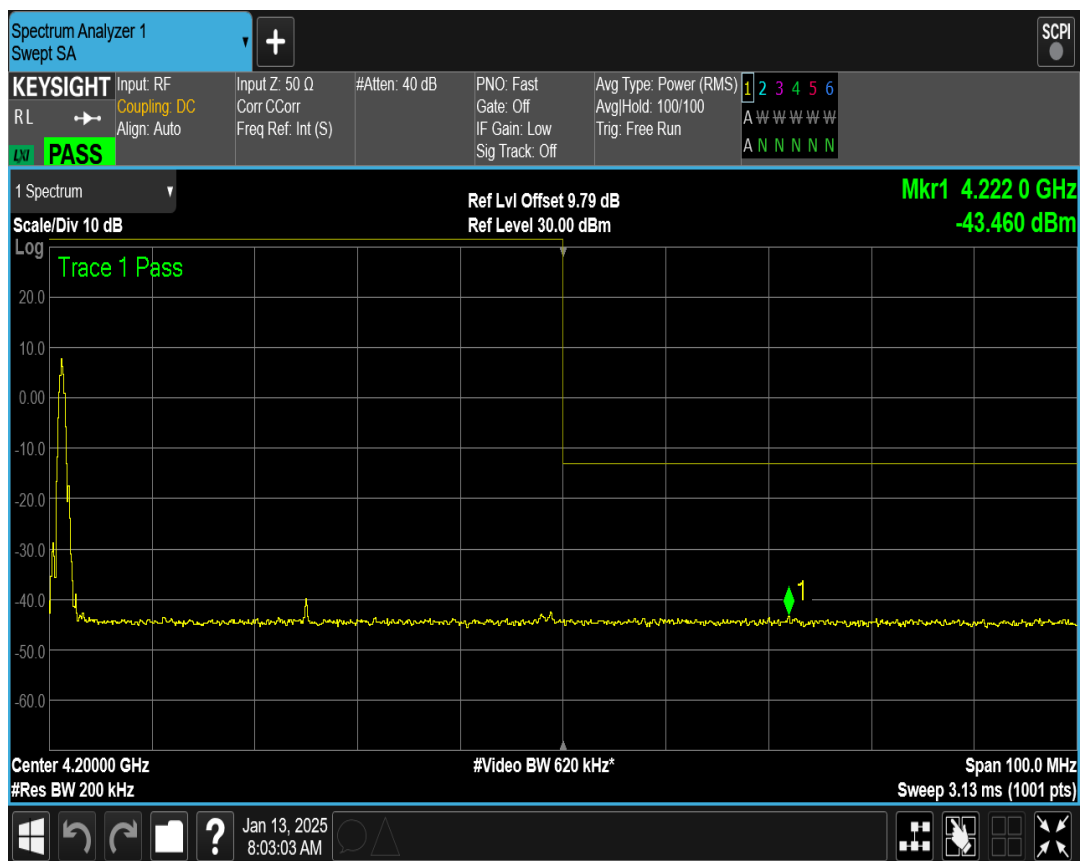
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=133@0



n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132



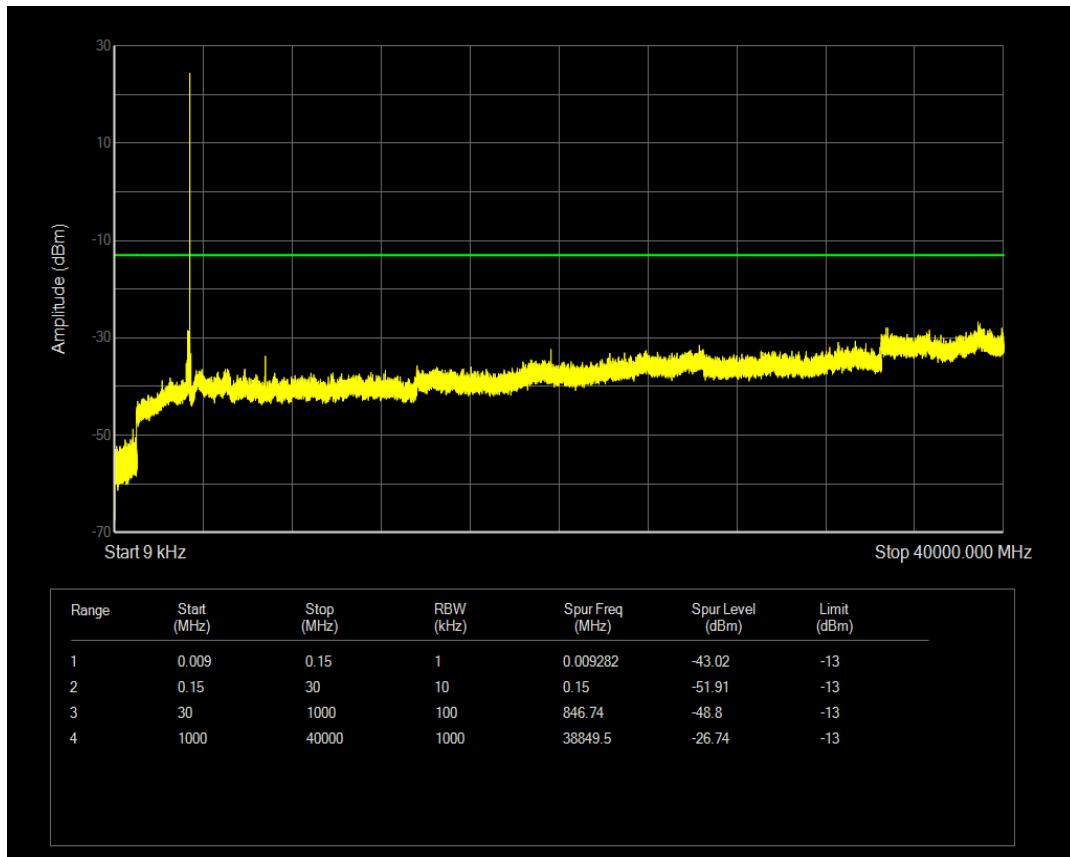
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@0

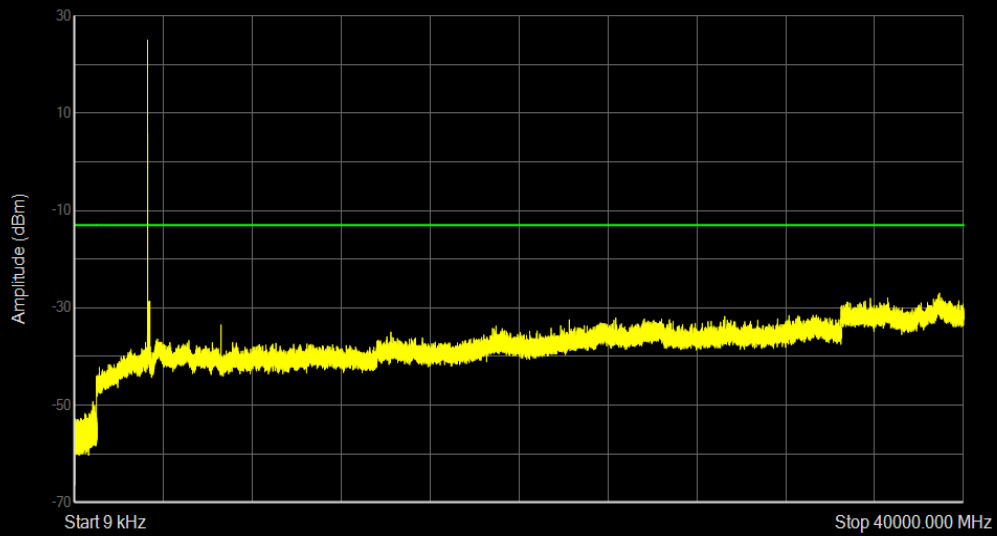


6 Out-of-band emissions for EN-DC

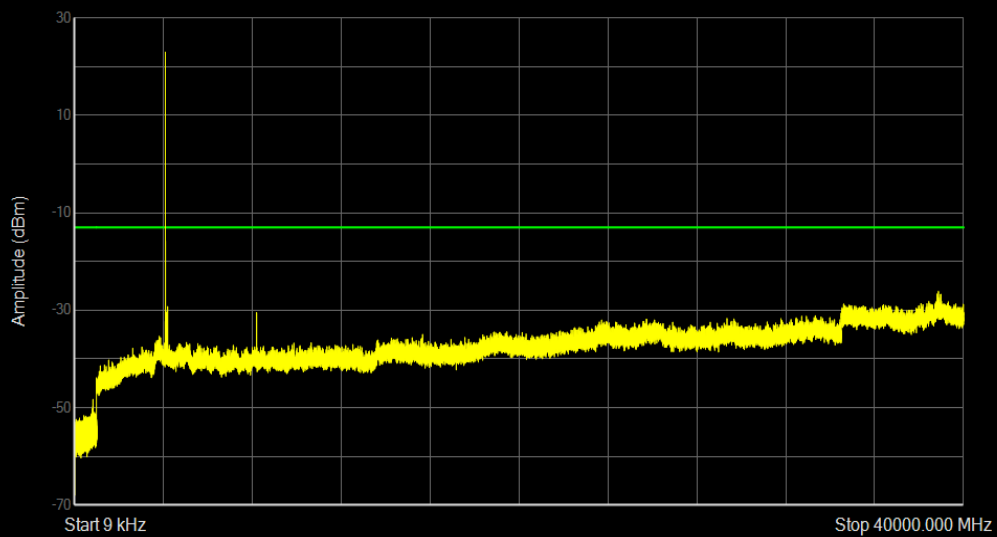
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77	30	10	620334	24@0	CP_QPSK	38842.68	-27.82	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	38948.95	-27.25	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	39135.18	-27.93	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	38841.70	-26.84	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	38869.98	-27.14	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	38812.45	-26.37	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	38953.83	-26.22	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	38912.88	-26.63	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	38802.70	-27.13	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	38741.28	-26.98	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	38987.95	-26.91	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	38802.70	-26.15	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	38828.05	-27.73	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	38915.80	-26.97	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	38849.50	-26.74	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	38837.80	-26.79	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	38869.00	-26.17	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	38850.48	-25.96	-13	PASS

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



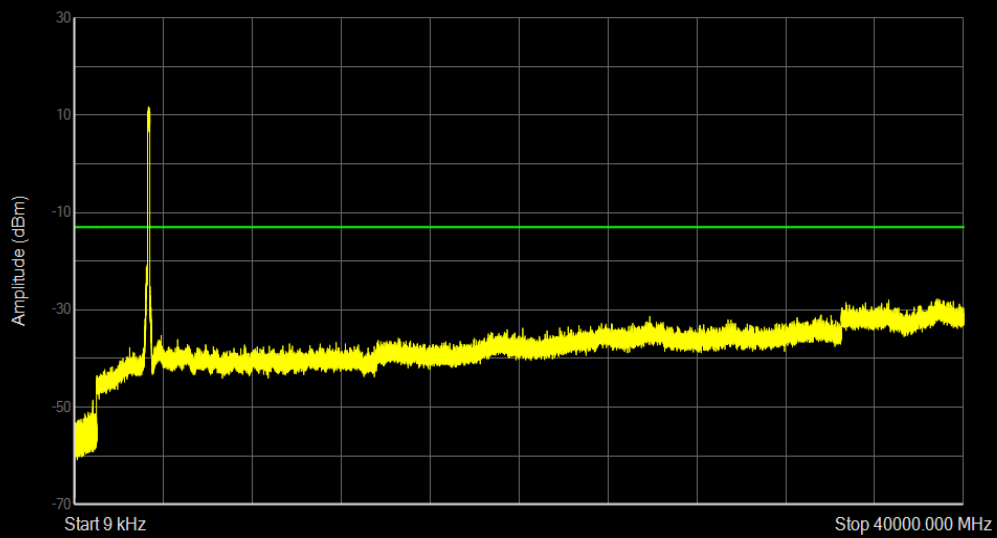
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01021965	-41.25	-13
2	0.15	30	10	0.164925	-51.12	-13
3	30	1000	100	846.546	-49.29	-13
4	1000	40000	1000	38915.8	-26.97	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0

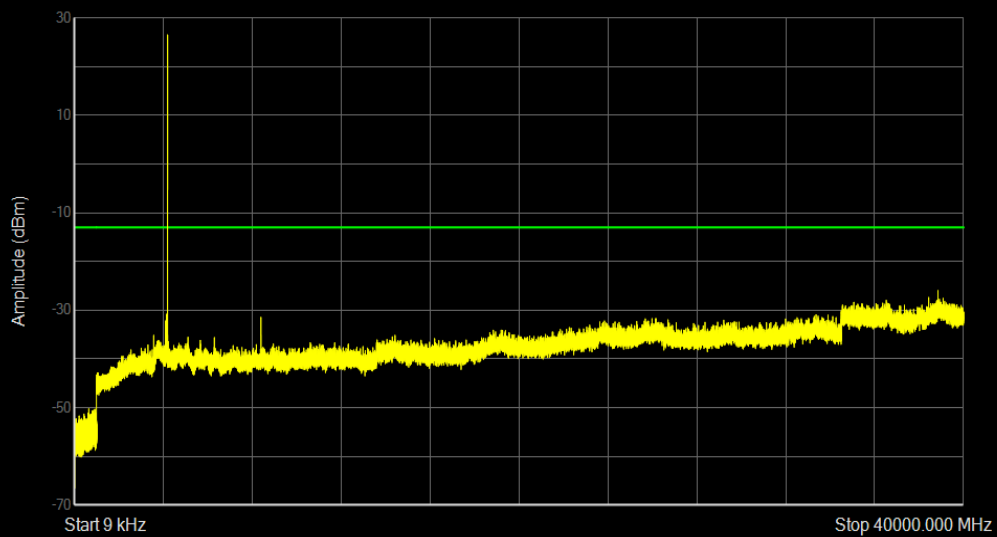
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-41.9	-13
2	0.15	30	10	0.15671625	-53.11	-13
3	30	1000	100	848.41325	-48.31	-13
4	1000	40000	1000	38869	-26.17	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



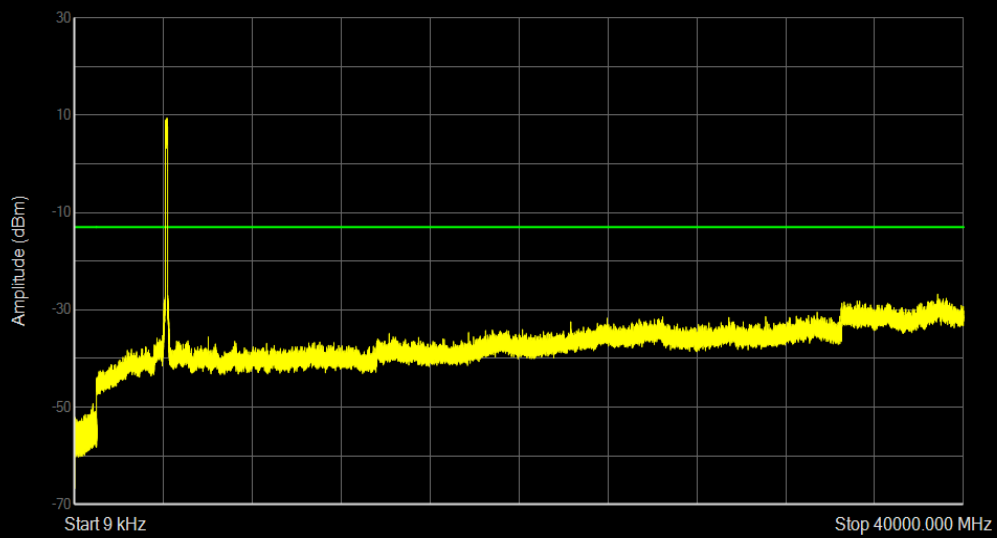
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01126305	-42.4	-13
2	0.15	30	10	0.18358125	-52.15	-13
3	30	1000	100	846.7885	-48.55	-13
4	1000	40000	1000	38828.05	-27.73	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272



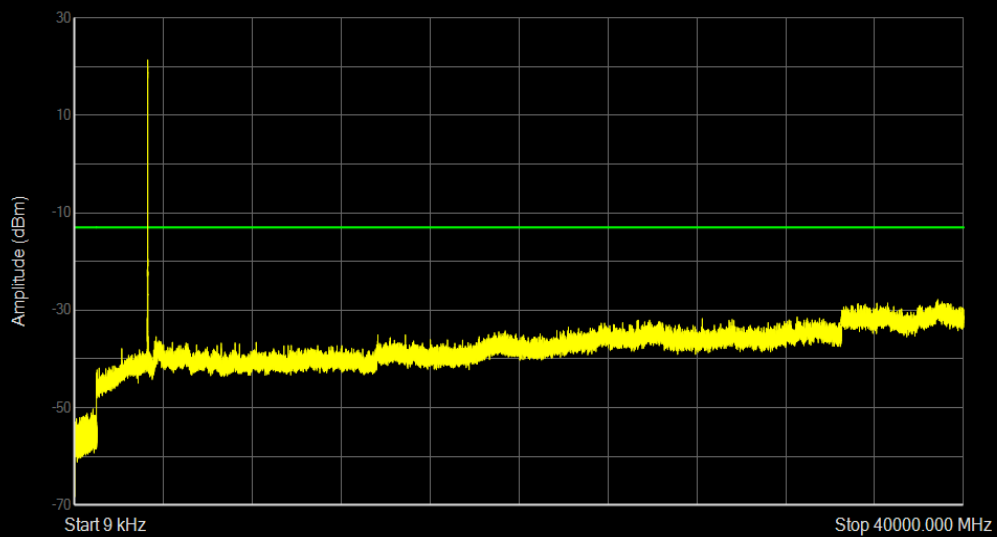
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010914075	-41.25	-13
2	0.15	30	10	0.15970125	-52.74	-13
3	30	1000	100	656.8625	-50.25	-13
4	1000	40000	1000	38850.475	-25.96	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=273@0

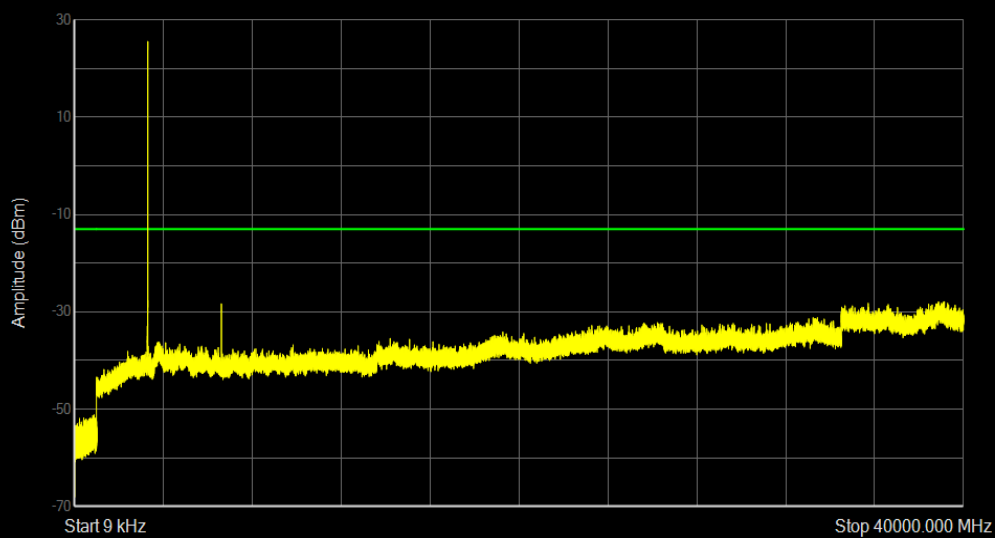


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107625	-42.13	-13
2	0.15	30	10	0.15671625	-52.96	-13
3	30	1000	100	846.4975	-49.29	-13
4	1000	40000	1000	38837.8	-26.79	-13

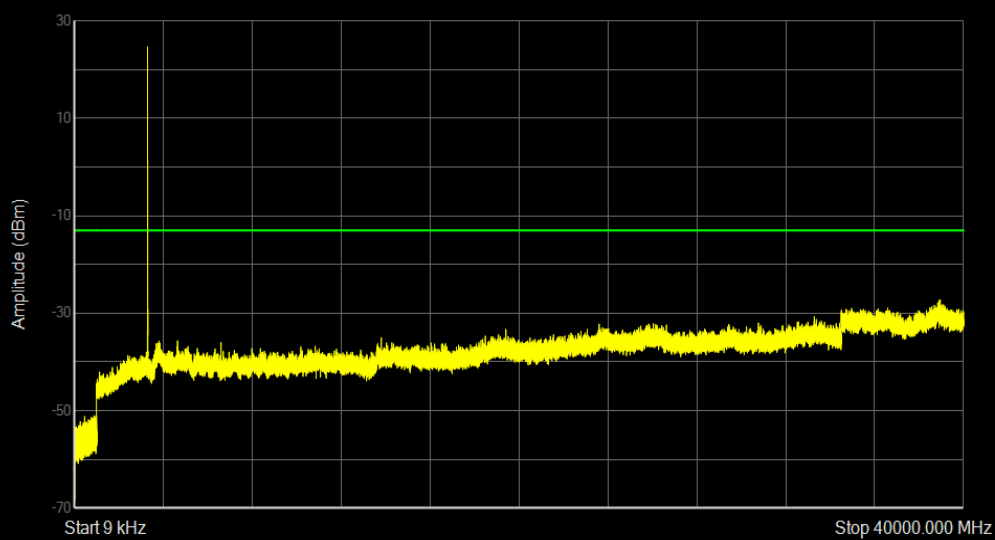
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



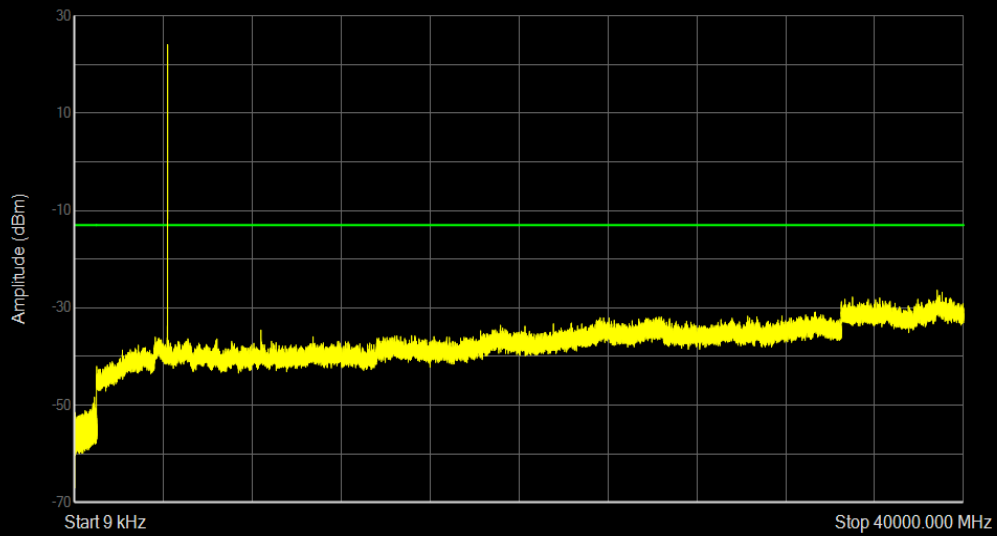
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01002225	-42.54	-13
2	0.15	30	10	0.15	-52.5	-13
3	30	1000	100	846.449	-50.3	-13
4	1000	40000	1000	38842.675	-27.82	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23

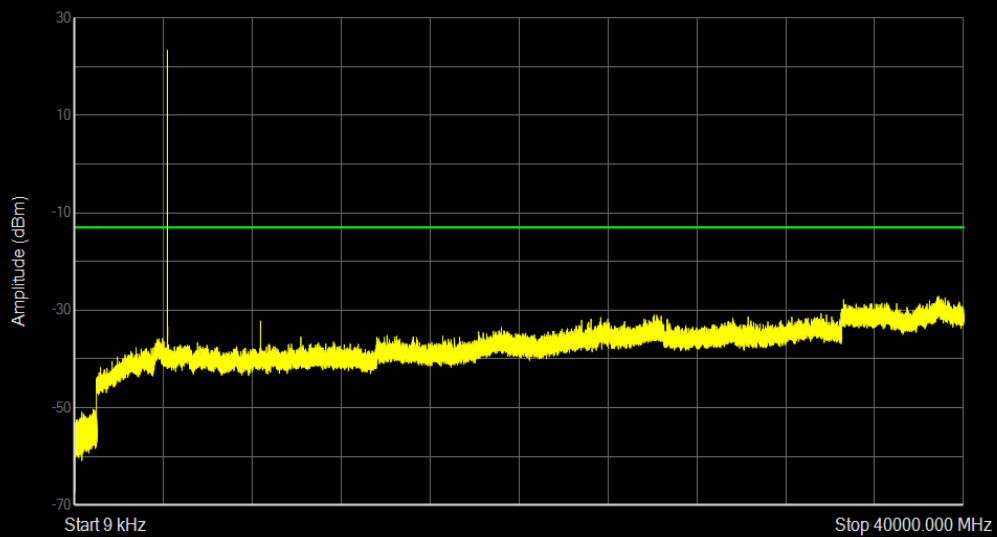
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01311015	-41.57	-13
2	0.15	30	10	0.164925	-53.67	-13
3	30	1000	100	899.24125	-51.18	-13
4	1000	40000	1000	39135.175	-27.93	-13

n77 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	0.0139209	-41.02	-13
2	0.15	30	10	0.15671625	-52.89	-13
3	30	1000	100	887.79525	-51.06	-13
4	1000	40000	1000	38948.95	-27.25	-13

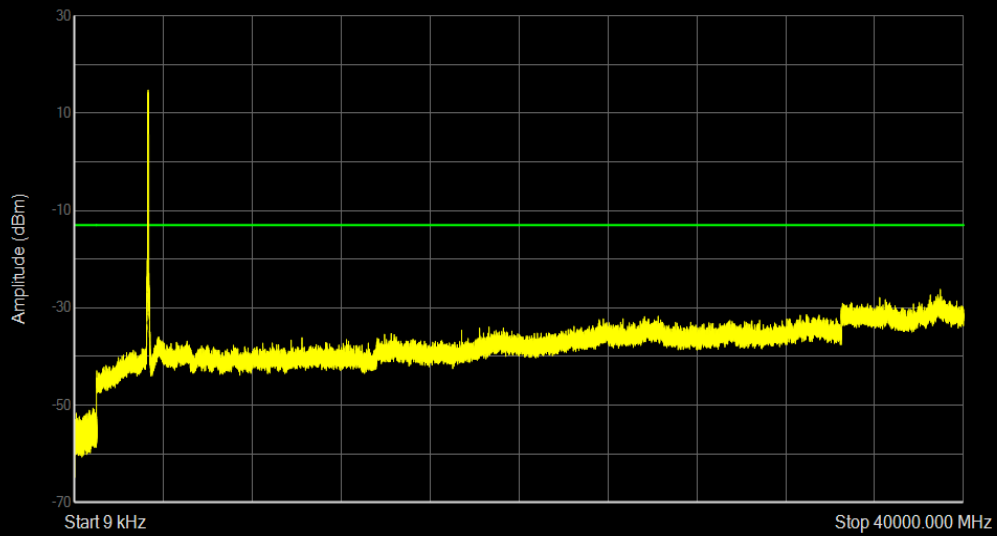
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012218325	-41.82	-13
2	0.15	30	10	0.15	-51.22	-13
3	30	1000	100	910.73575	-48.36	-13
4	1000	40000	1000	38812.45	-26.37	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@0

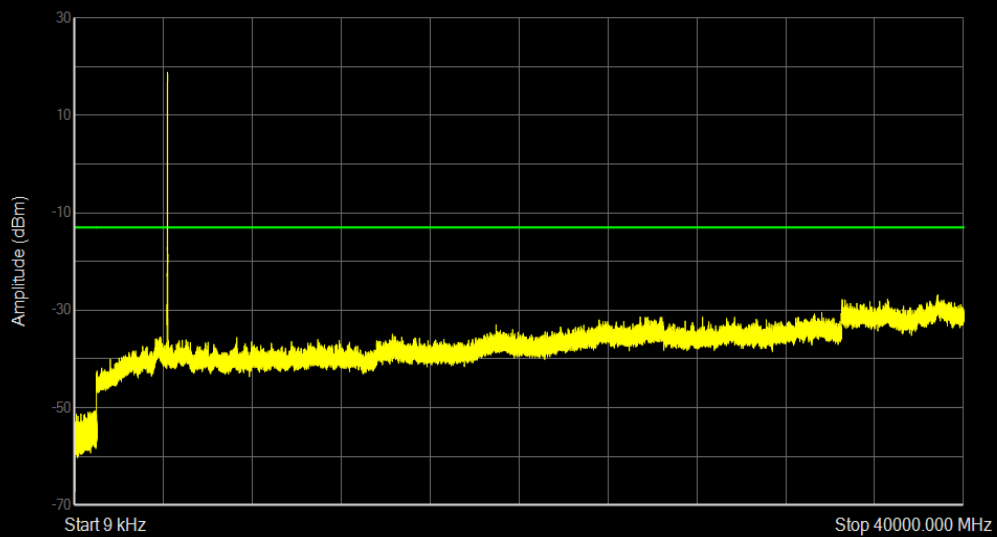
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010194975	-41.26	-13
2	0.15	30	10	0.15970125	-52.56	-13
3	30	1000	100	850.01375	-50.36	-13
4	1000	40000	1000	38869.975	-27.14	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0

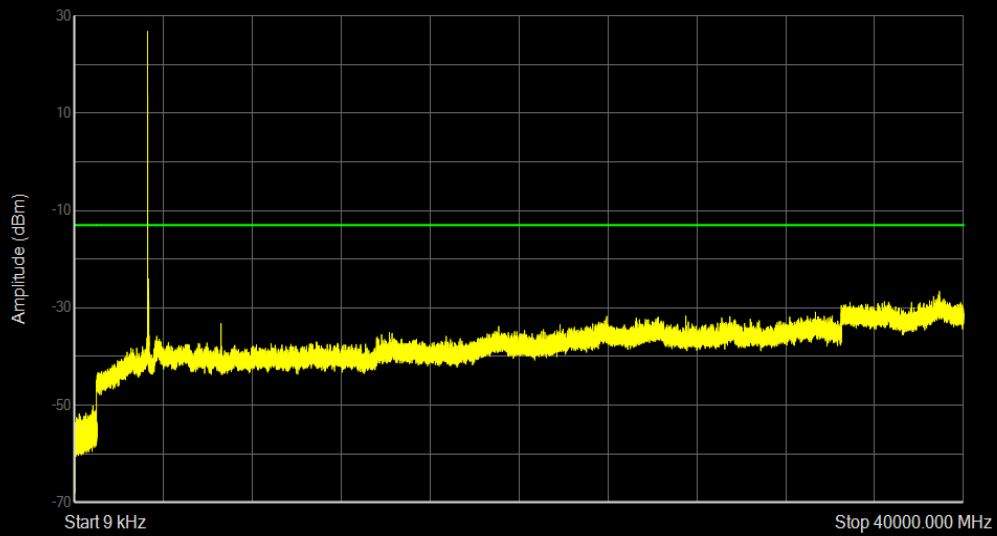


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01459065	-42.78	-13
2	0.15	30	10	0.15	-52.25	-13
3	30	1000	100	847.24925	-50.63	-13
4	1000	40000	1000	38953.825	-26.22	-13

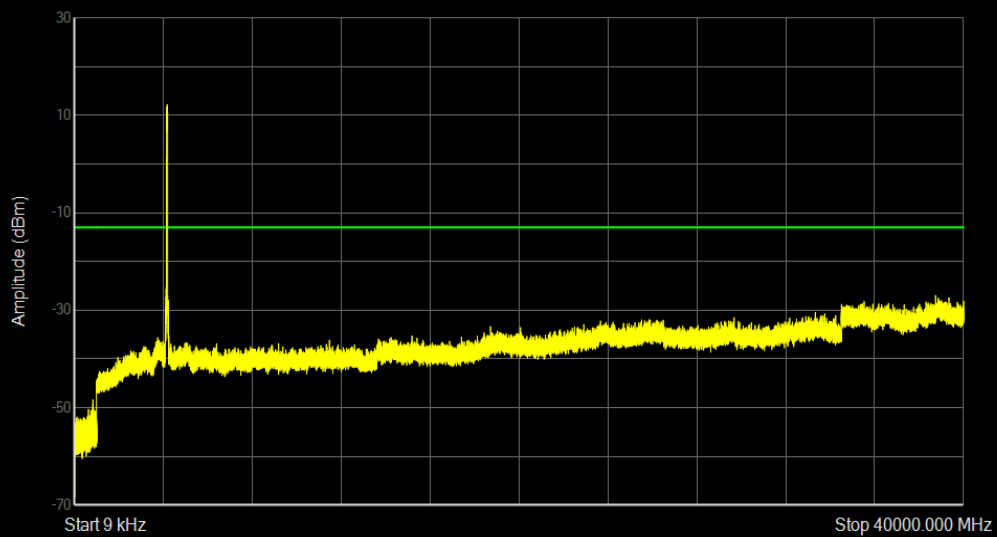
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012098475	-41	-13
2	0.15	30	10	0.15074625	-52.28	-13
3	30	1000	100	957.805	-50.72	-13
4	1000	40000	1000	38841.7	-26.84	-13

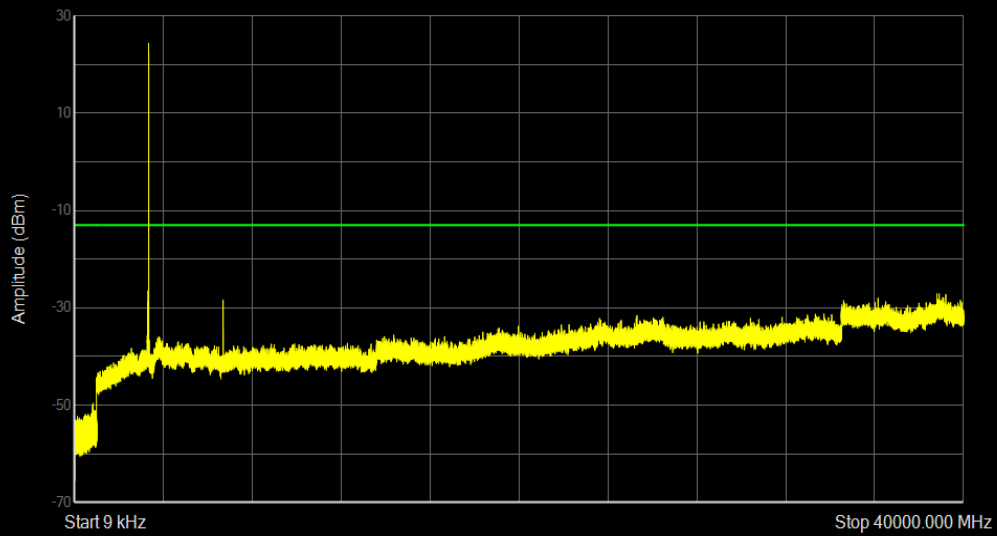
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00968385	-42.6	-13
2	0.15	30	10	0.164925	-52.04	-13
3	30	1000	100	846.74	-50.18	-13
4	1000	40000	1000	38912.875	-26.63	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=133@0

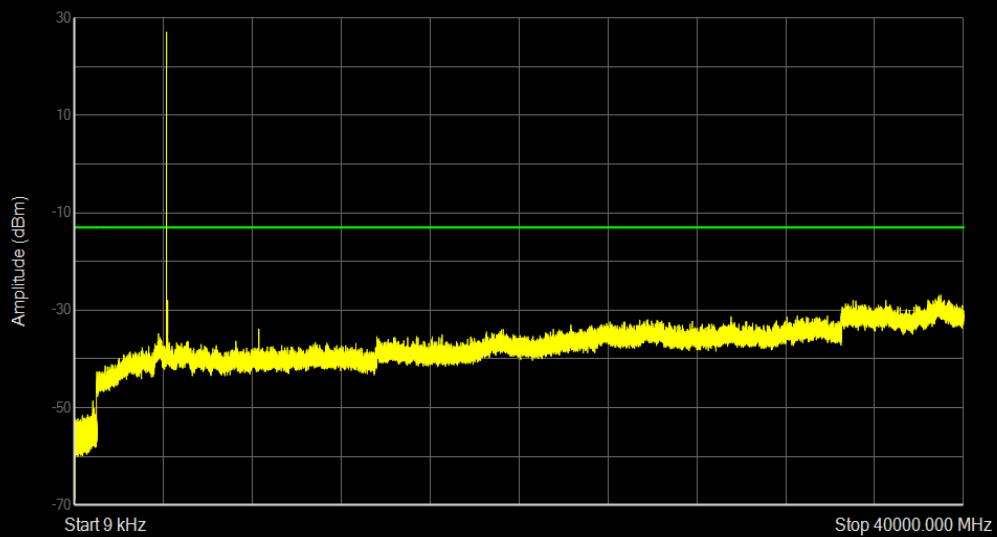
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0156834	-40.65	-13
2	0.15	30	10	0.15373125	-52.41	-13
3	30	1000	100	847.05525	-48.38	-13
4	1000	40000	1000	38741.275	-26.98	-13

n77 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	0.009764925	-43.2	-13
2	0.15	30	10	0.15	-53.45	-13
3	30	1000	100	846.837	-49.65	-13
4	1000	40000	1000	38802.7	-27.13	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00972615	-41.25	-13
2	0.15	30	10	0.152985	-50.4	-13
3	30	1000	100	846.81275	-48.63	-13
4	1000	40000	1000	38987.95	-26.91	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132

