



n77 SCS=30kHz DFT_QAM256 BW=90MHz Channel=650000 RB=240@0



n77 SCS=30kHz DFT_QAM64 BW=100MHz Channel=650000 RB=270@0



n77 SCS=30kHz DFT_QAM64 BW=10MHz Channel=650000 RB=24@0



n77 SCS=30kHz DFT_QAM64 BW=15MHz Channel=650000 RB=36@0



n77 SCS=30kHz DFT_QAM64 BW=20MHz Channel=650000 RB=50@0



n77 SCS=30kHz DFT_QAM64 BW=40MHz Channel=650000 RB=100@0



n77 SCS=30kHz DFT_QAM64 BW=50MHz Channel=650000 RB=128@0



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



n77 SCS=30kHz DFT_QAM64 BW=80MHz Channel=650000 RB=216@0



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



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



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



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



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



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



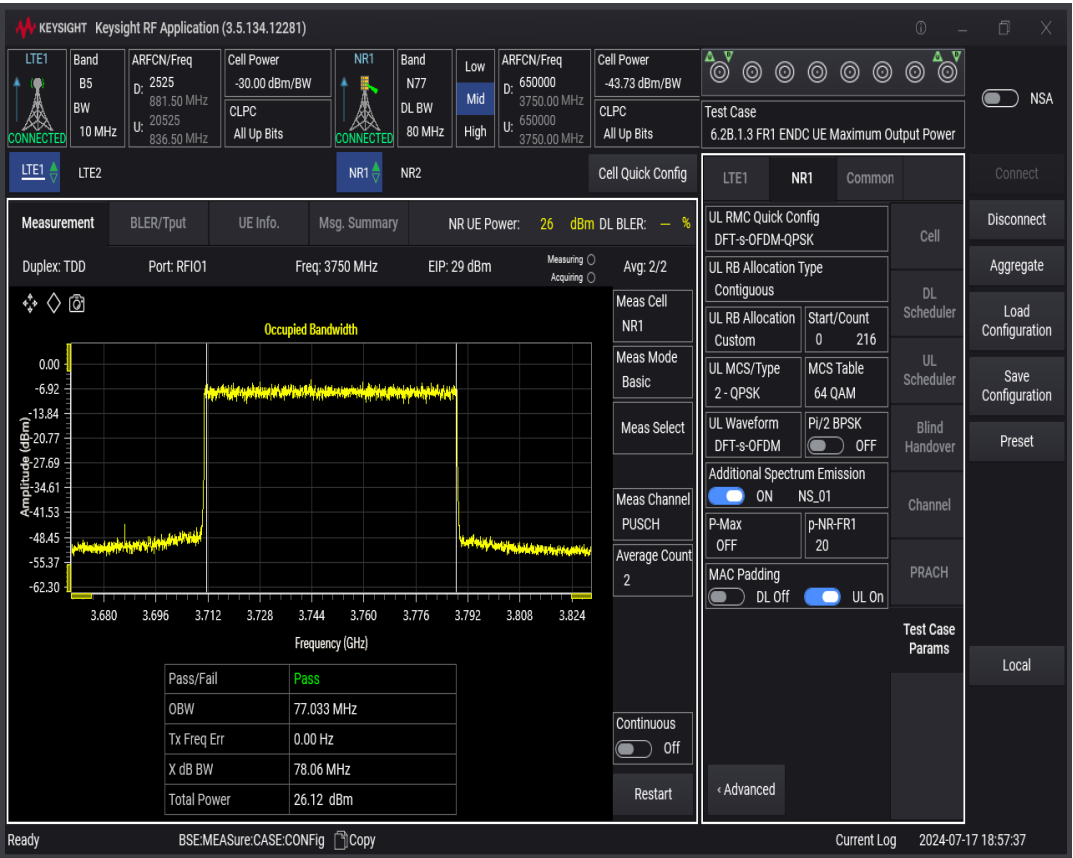
n77 SCS=30kHz DFT_QPSK BW=50MHz Channel=650000 RB=128@0



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



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



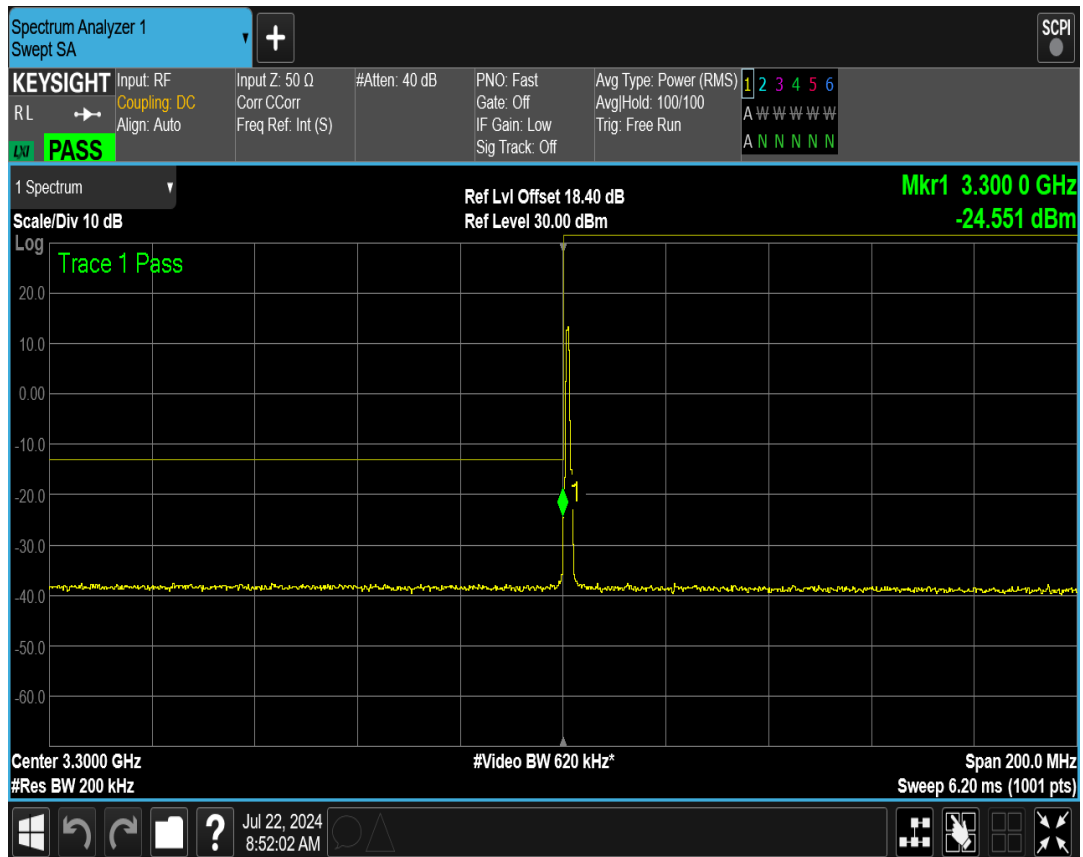
n77 SCS=30kHz DFT_QPSK BW=90MHz Channel=650000 RB=240@0



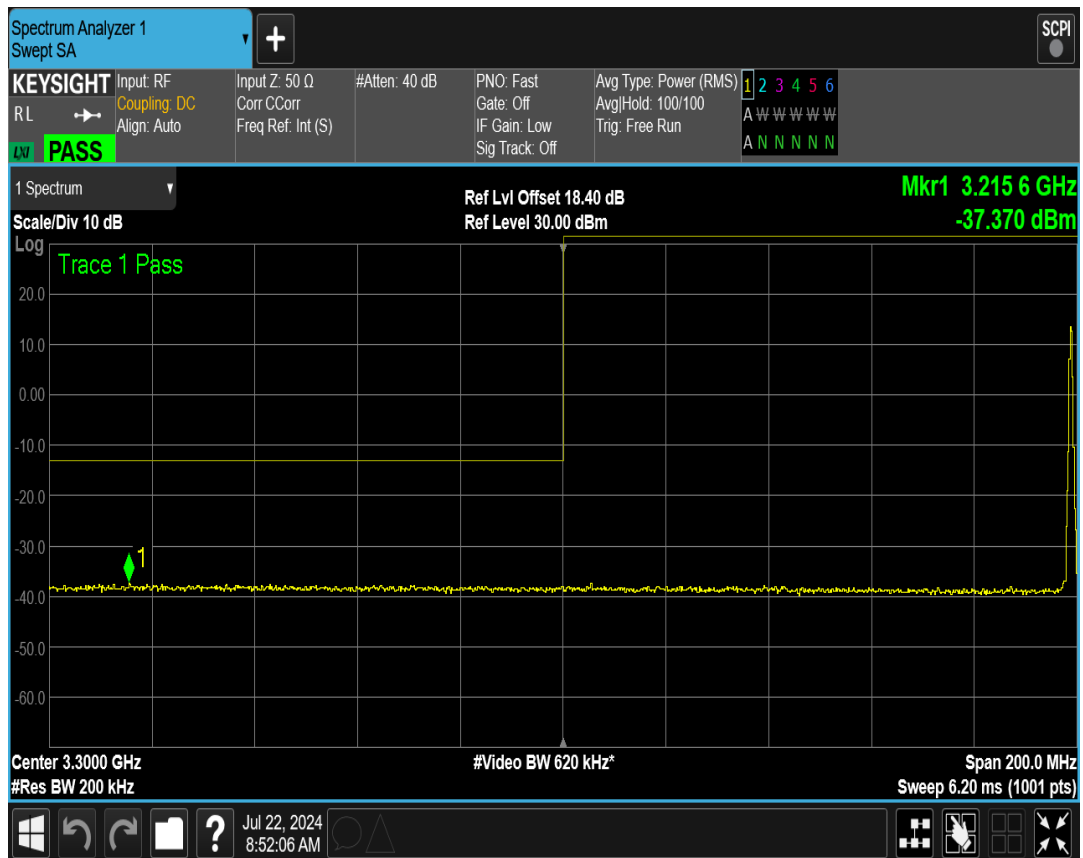
5 Band edge for EN-DC

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	3300.00	-38.01	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	3300.00	-33.25	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	3293.38	-37.70	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	4201.32	-34.65	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	4201.72	-34.45	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	4200.00	-32.02	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	3283.00	-32.72	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	3299.80	-37.32	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	3267.30	-37.12	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	4203.40	-29.87	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	4205.70	-34.52	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	4200.00	-32.74	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	3300.00	-22.06	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	3300.00	-24.55	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	3215.60	-37.36	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	4200.00	-19.38	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	4239.40	-34.70	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	4200.00	-34.02	-13	PASS

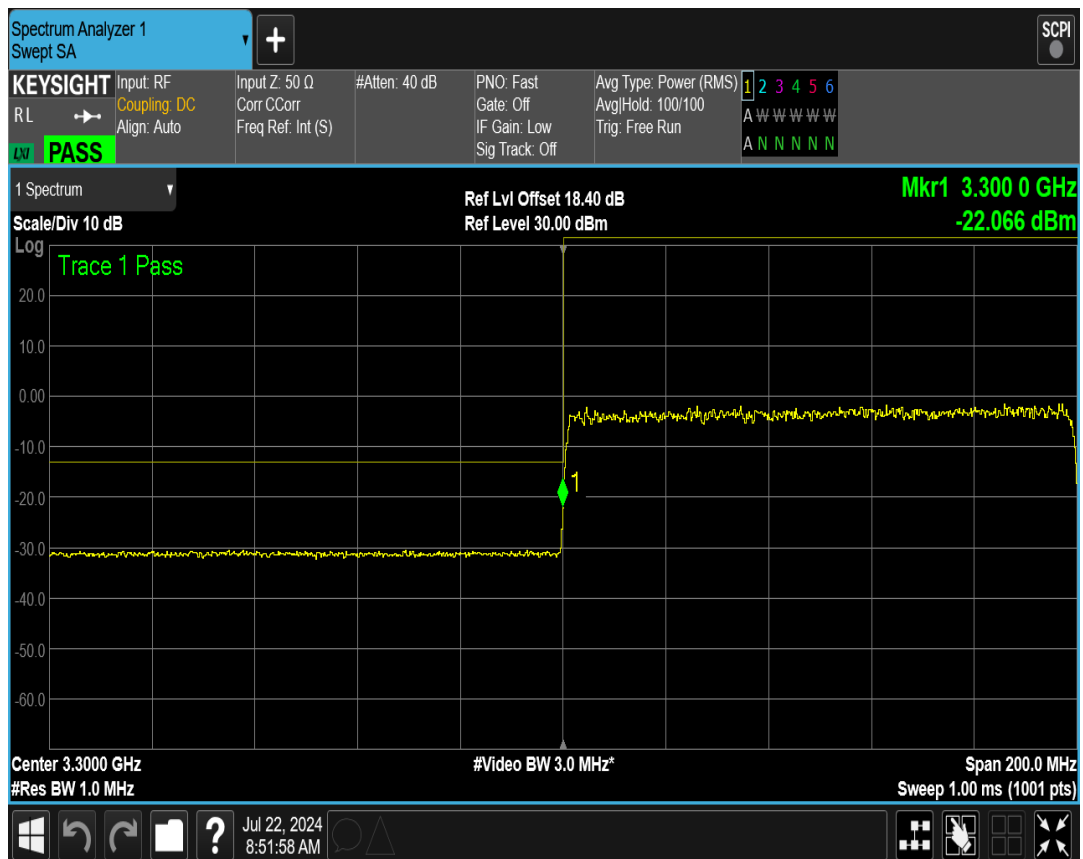
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



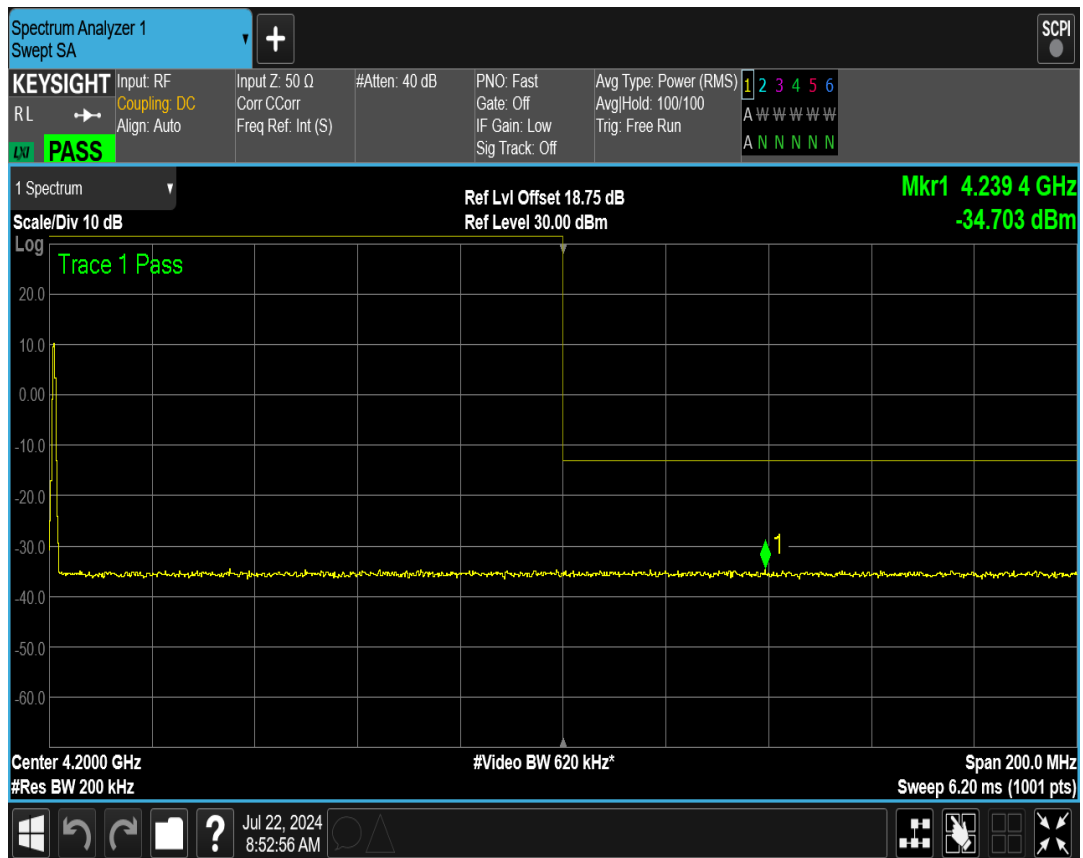
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



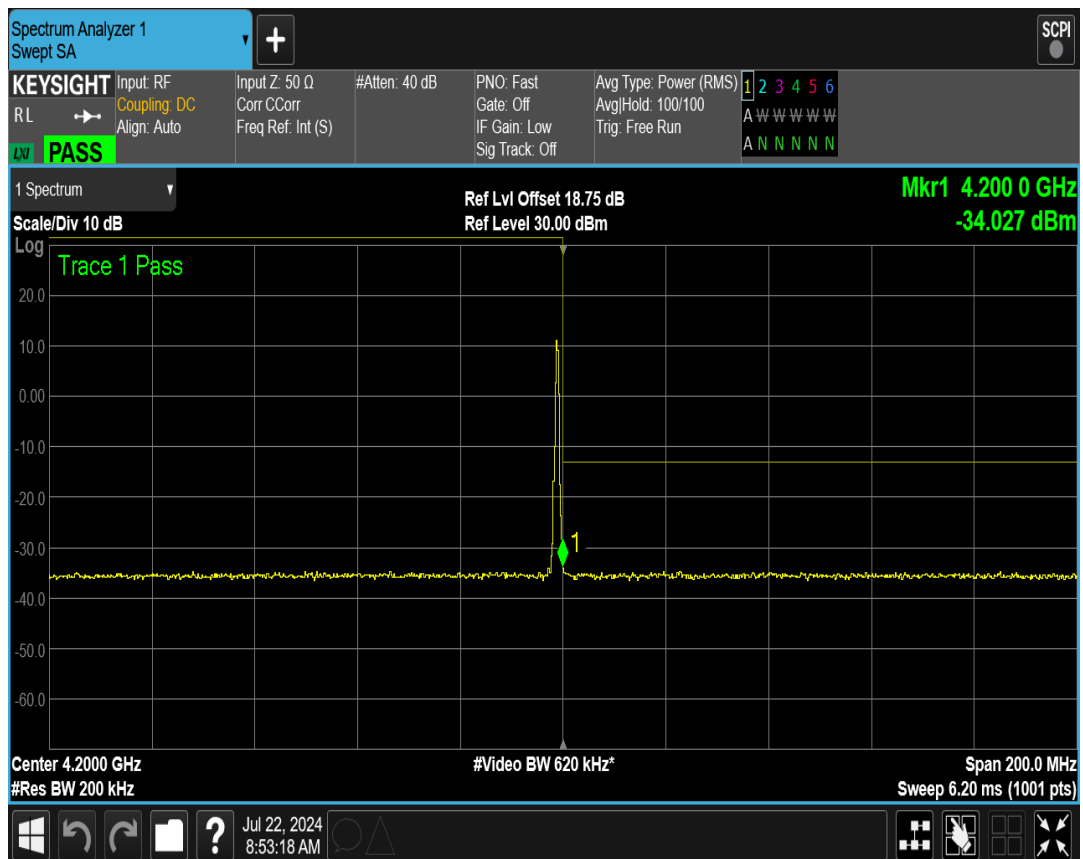
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



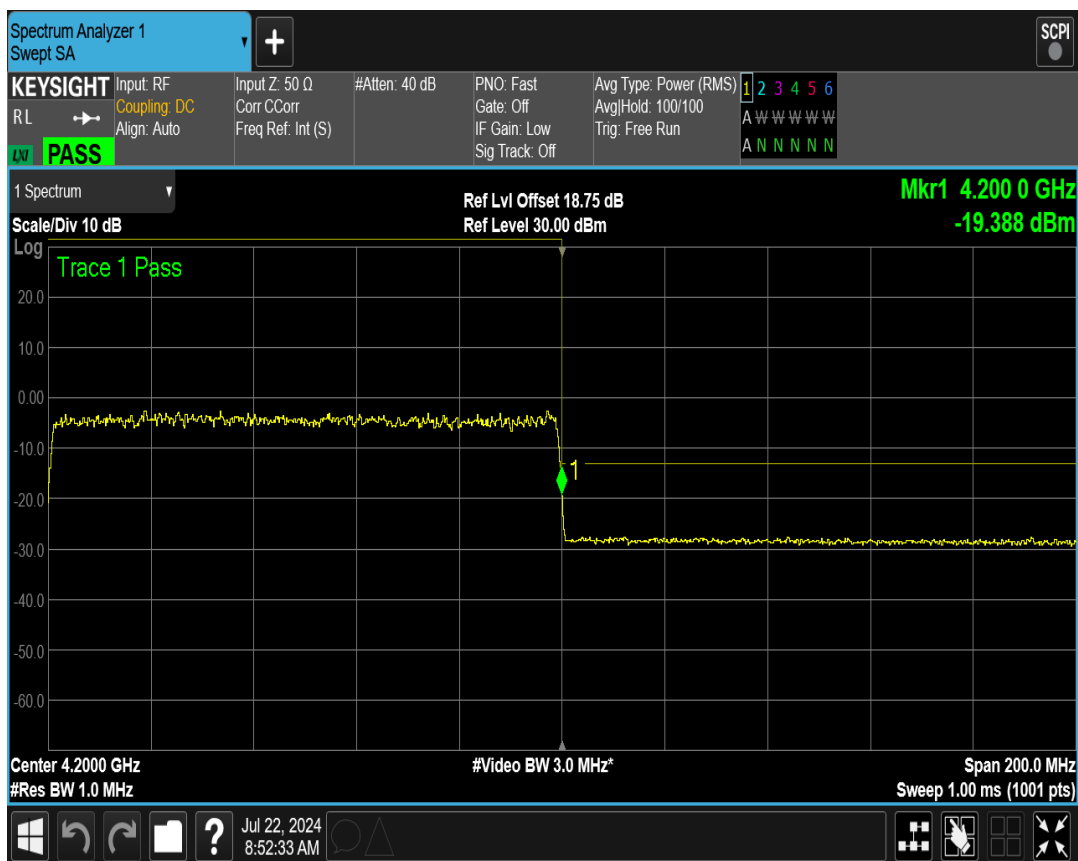
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0



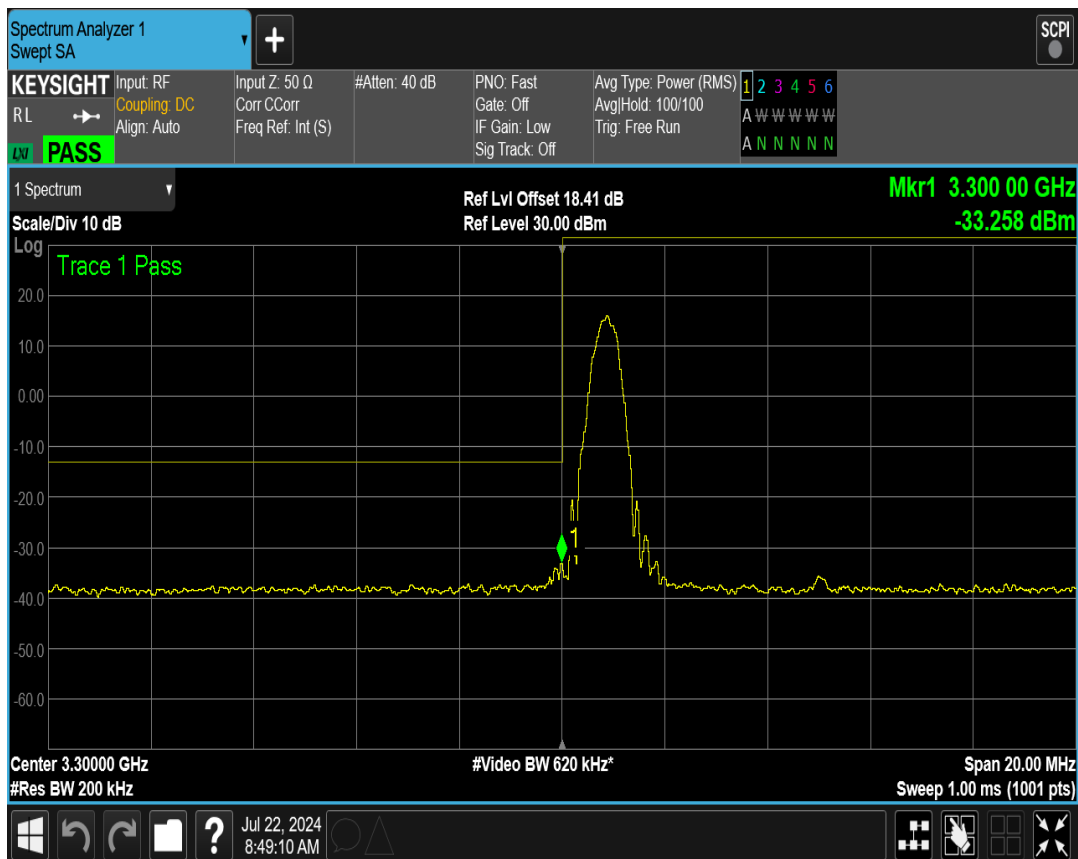
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272



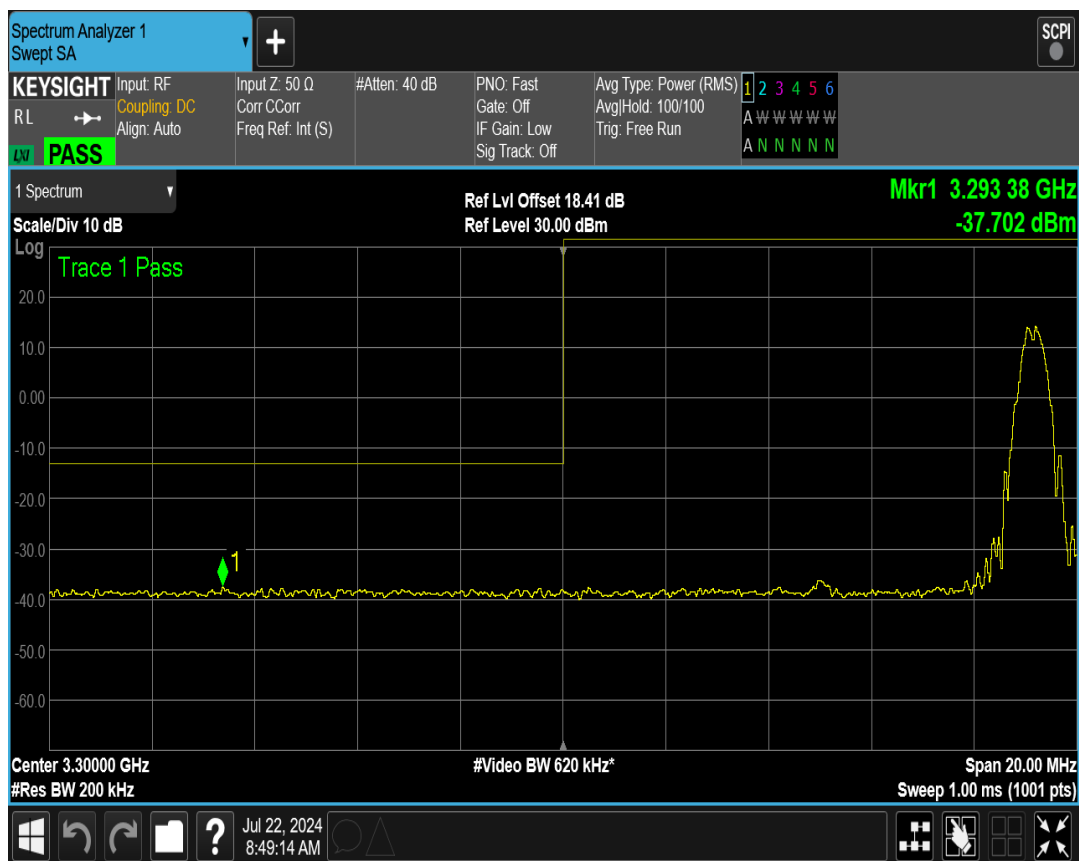
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=273@0



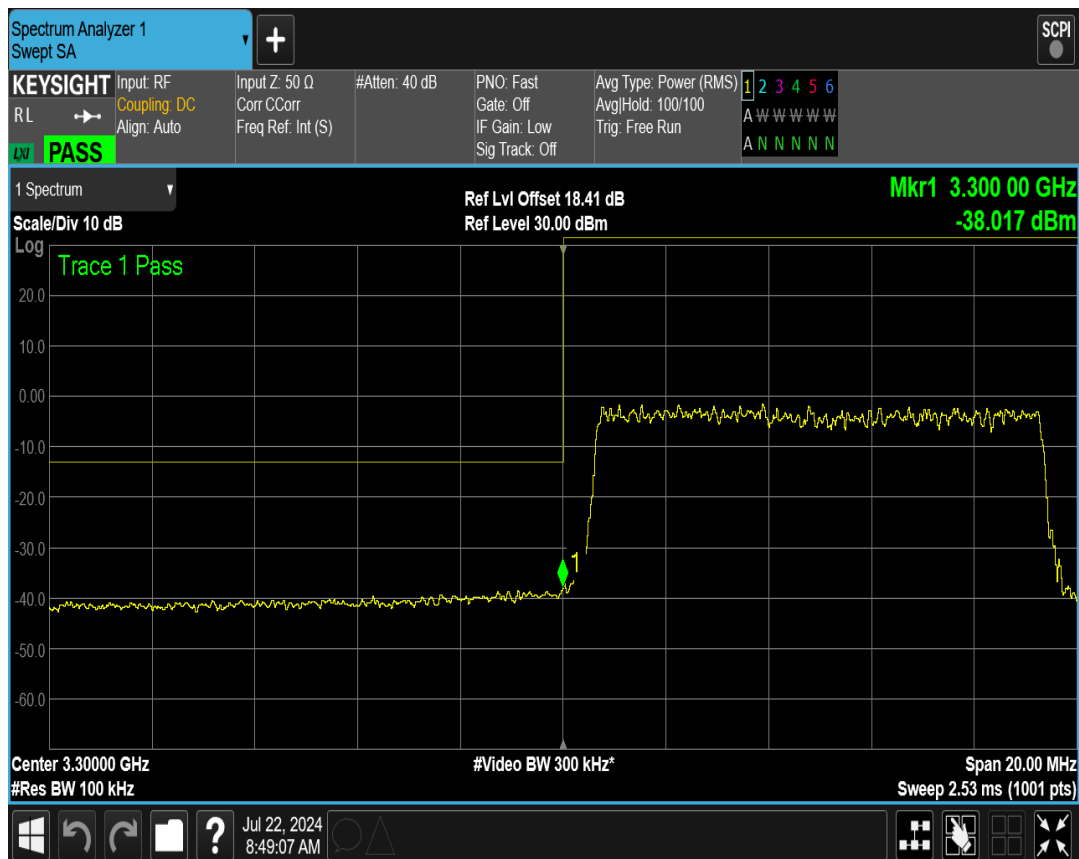
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



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



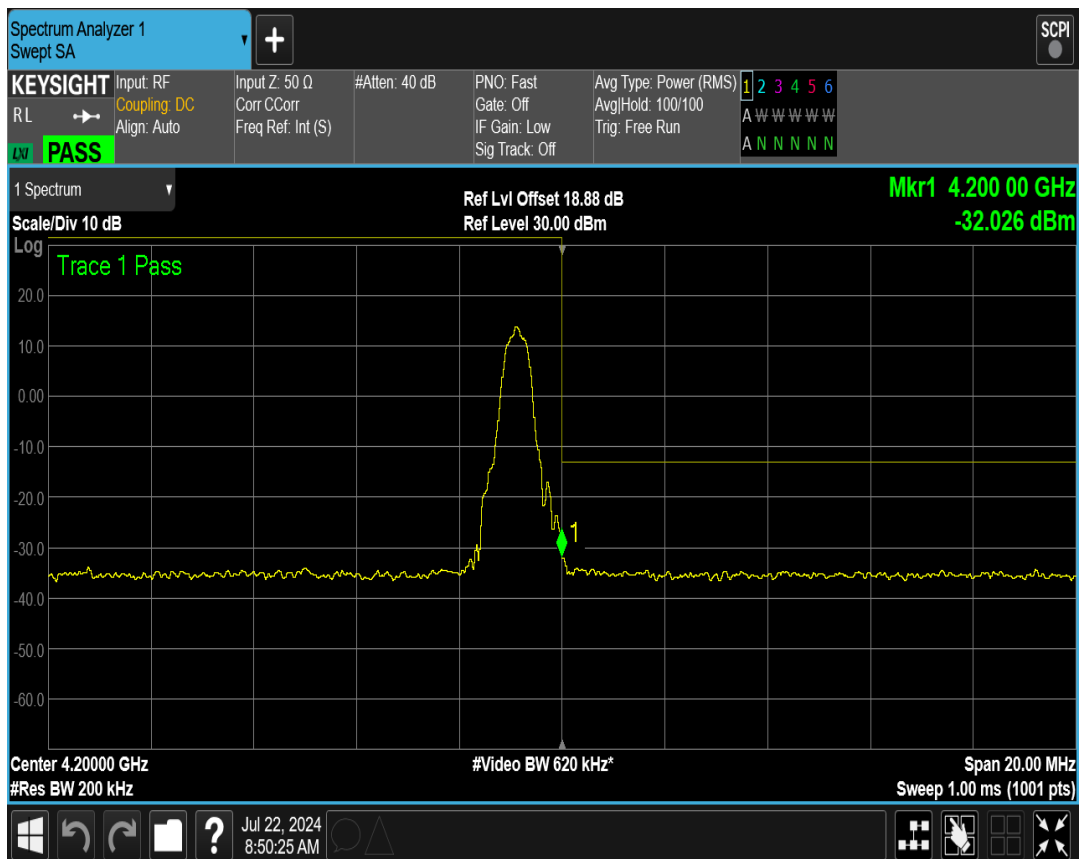
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



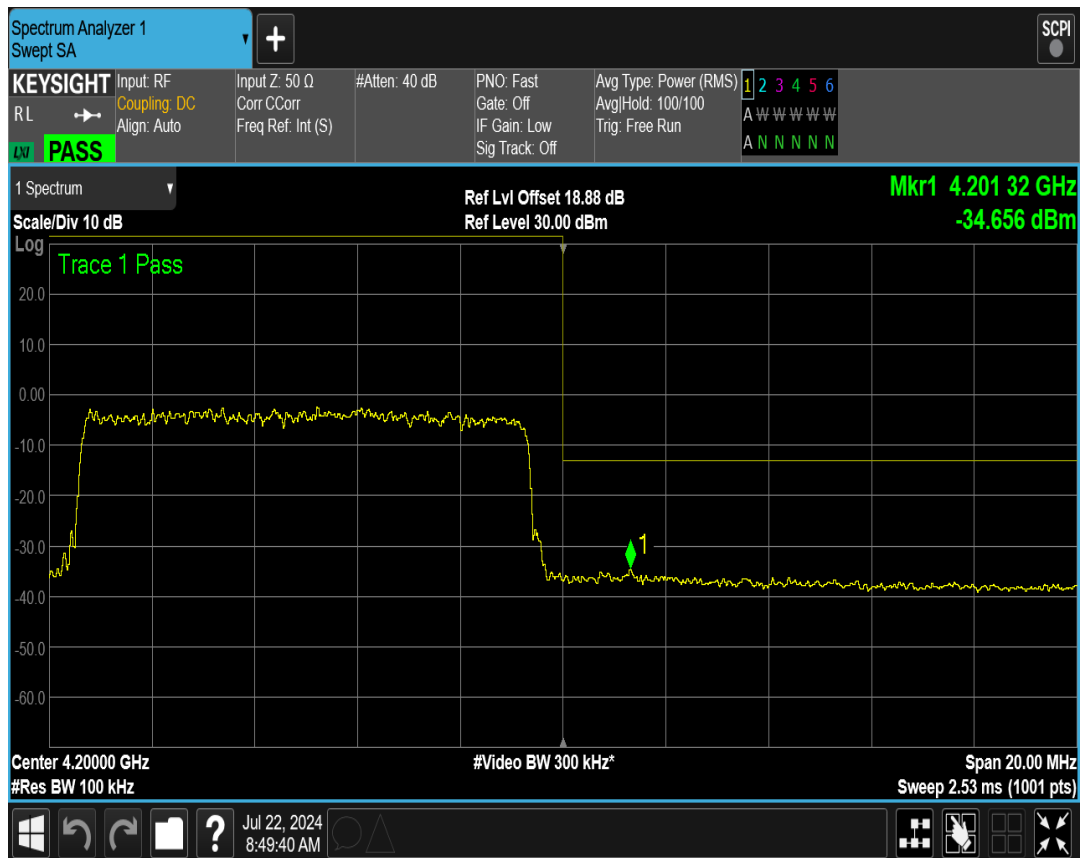
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@0



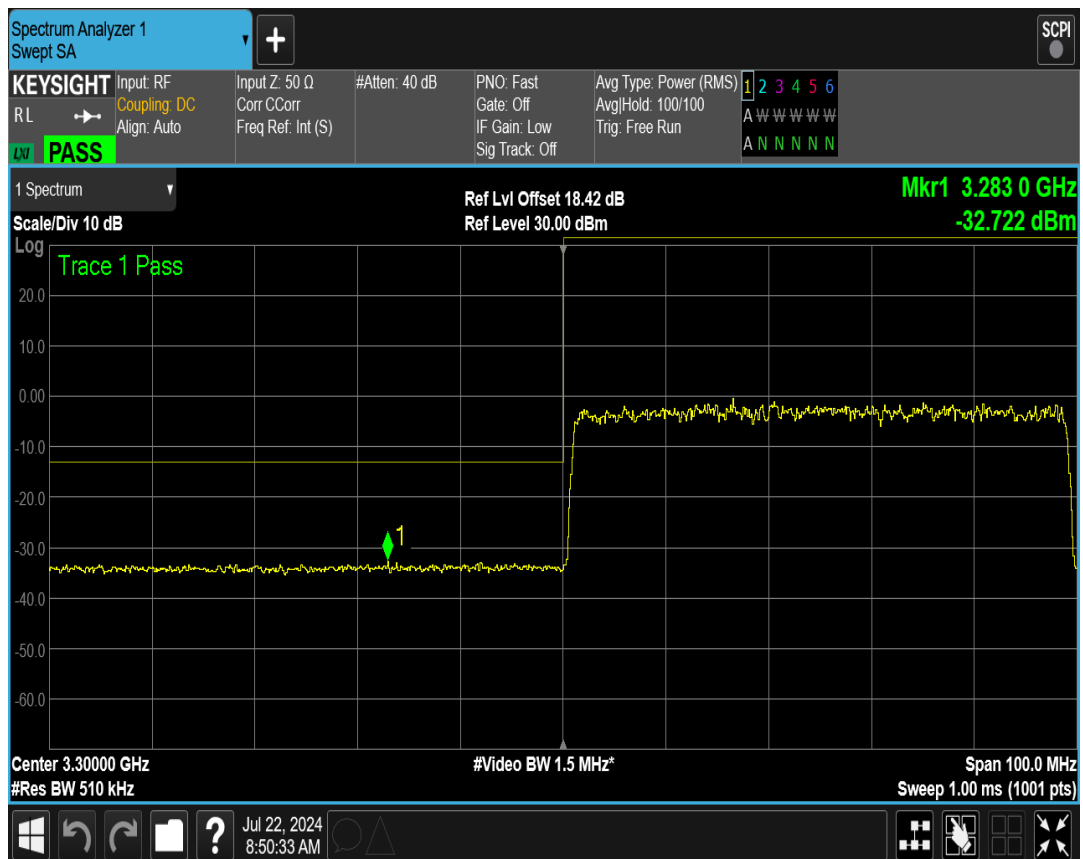
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23



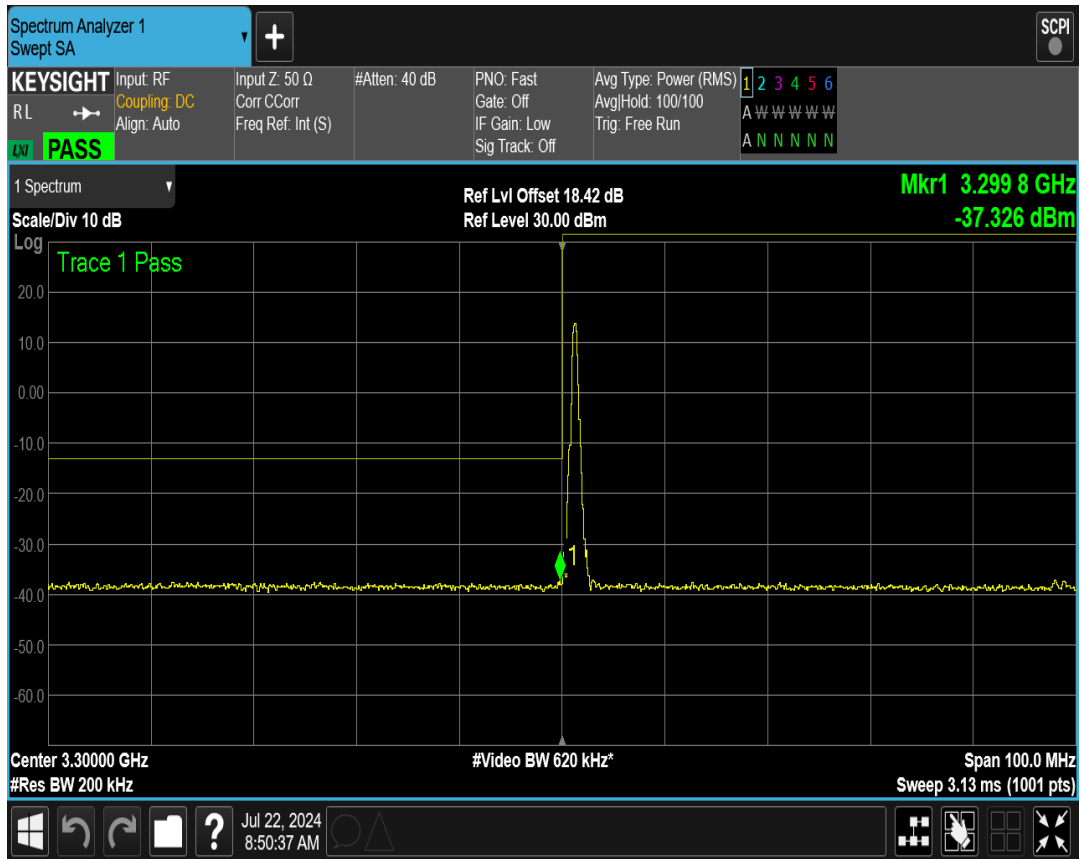
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0



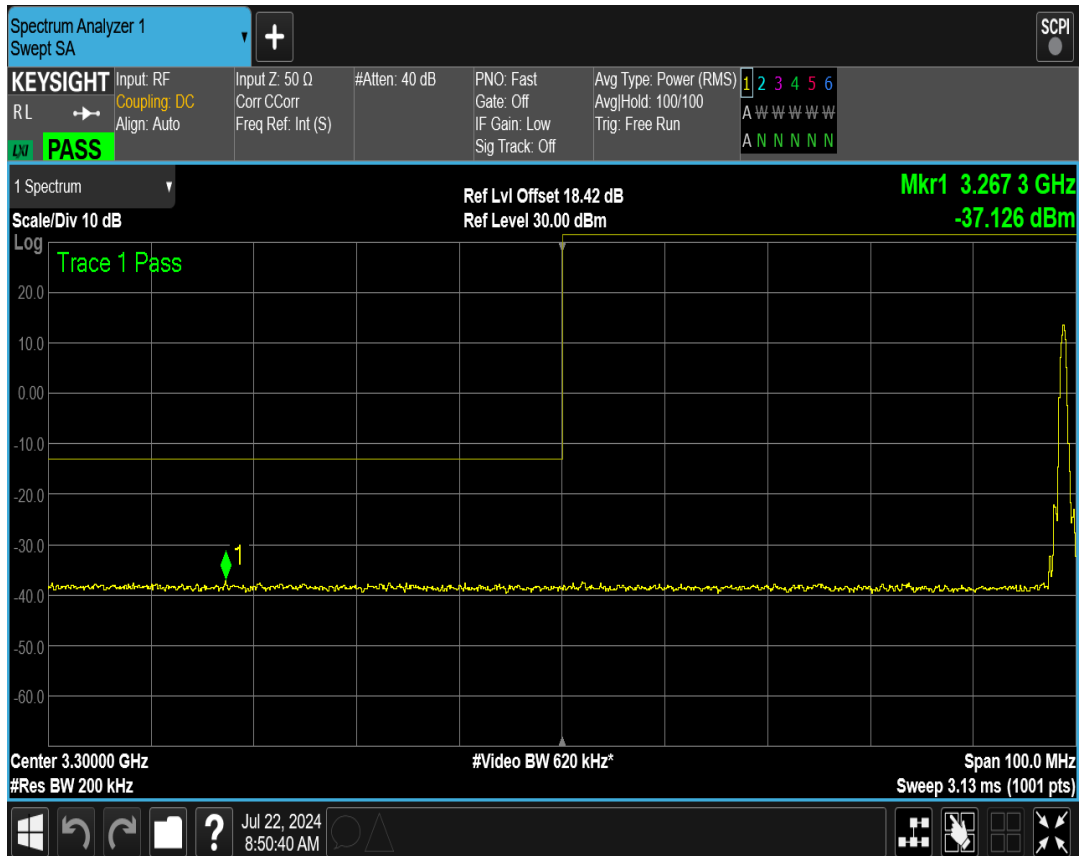
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



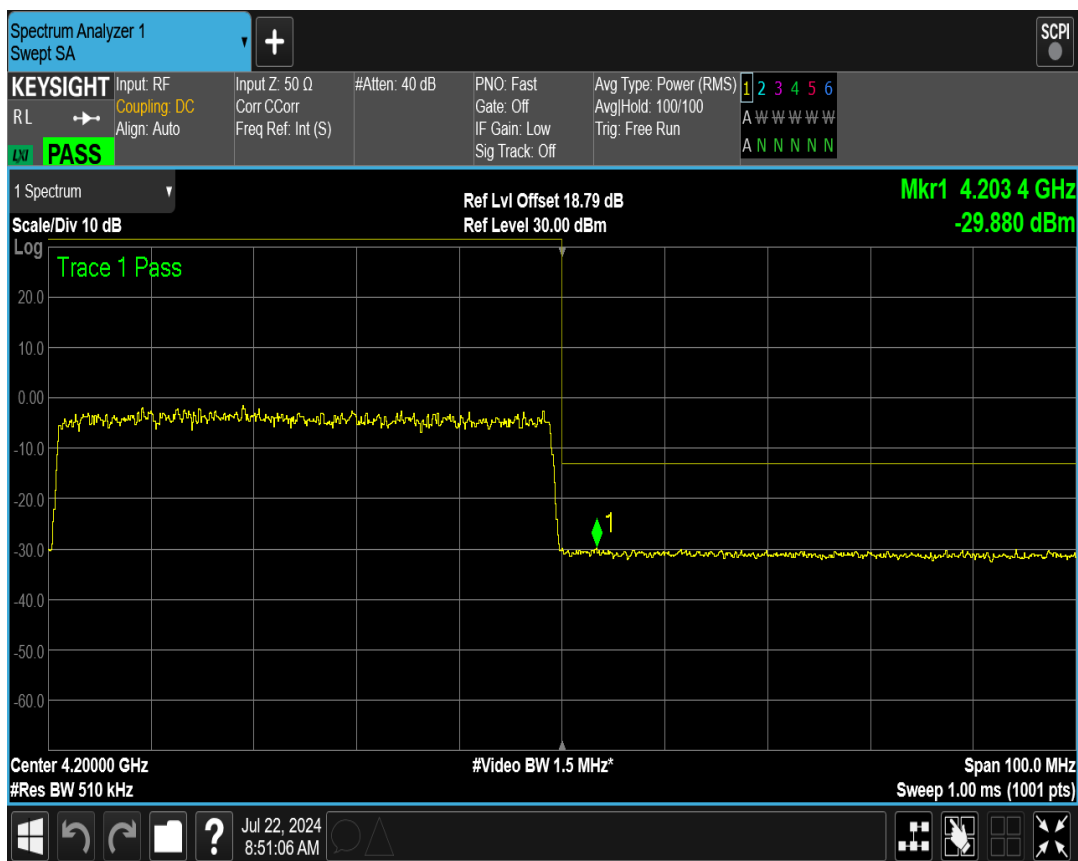
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



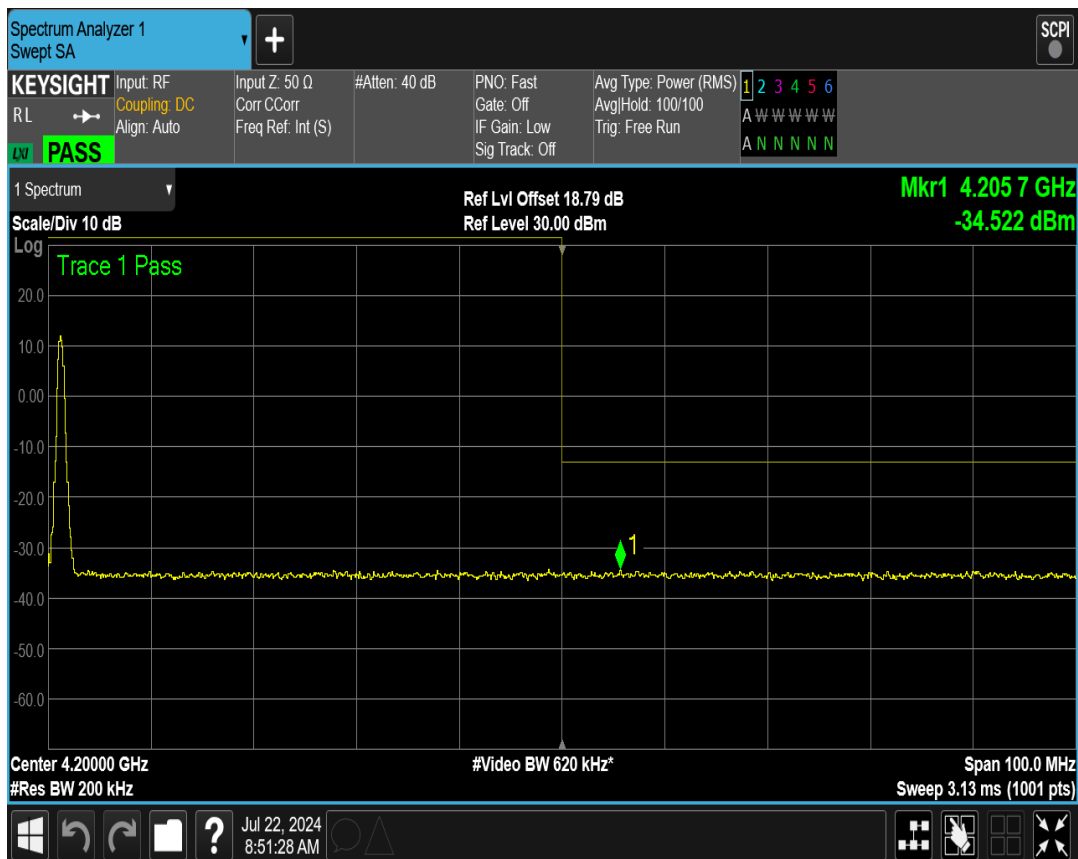
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132



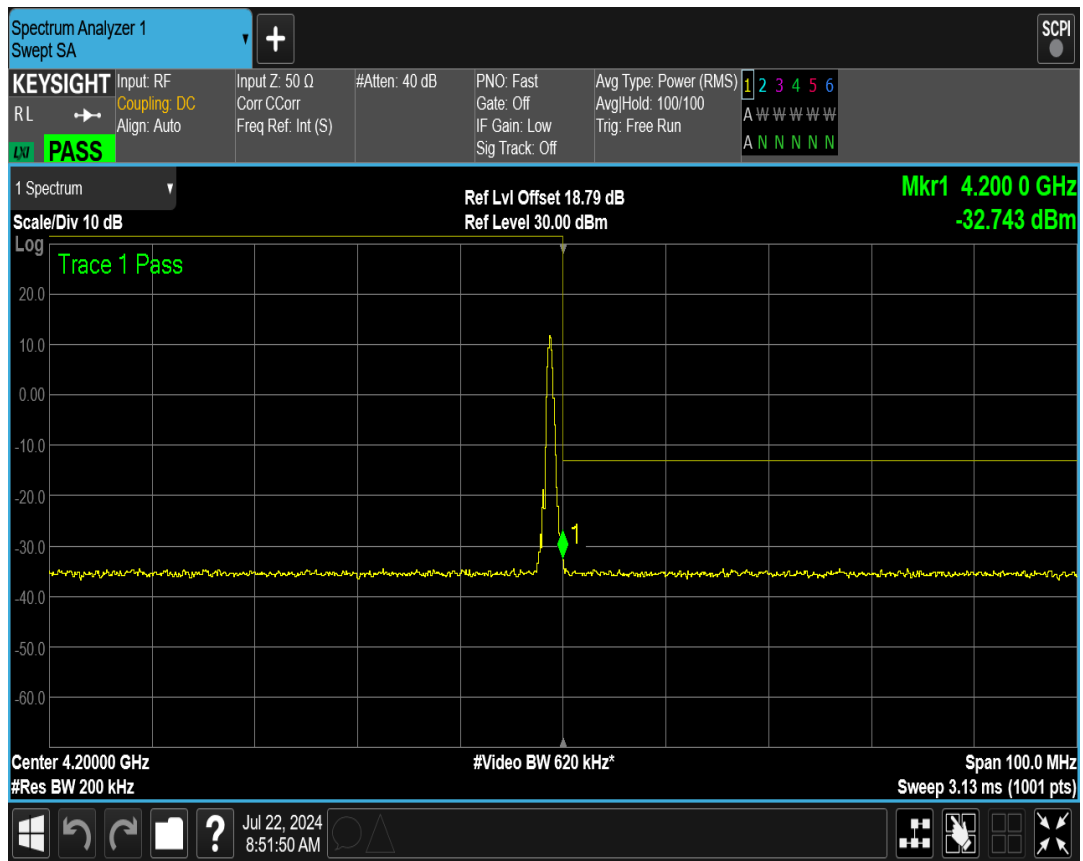
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=133@0



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



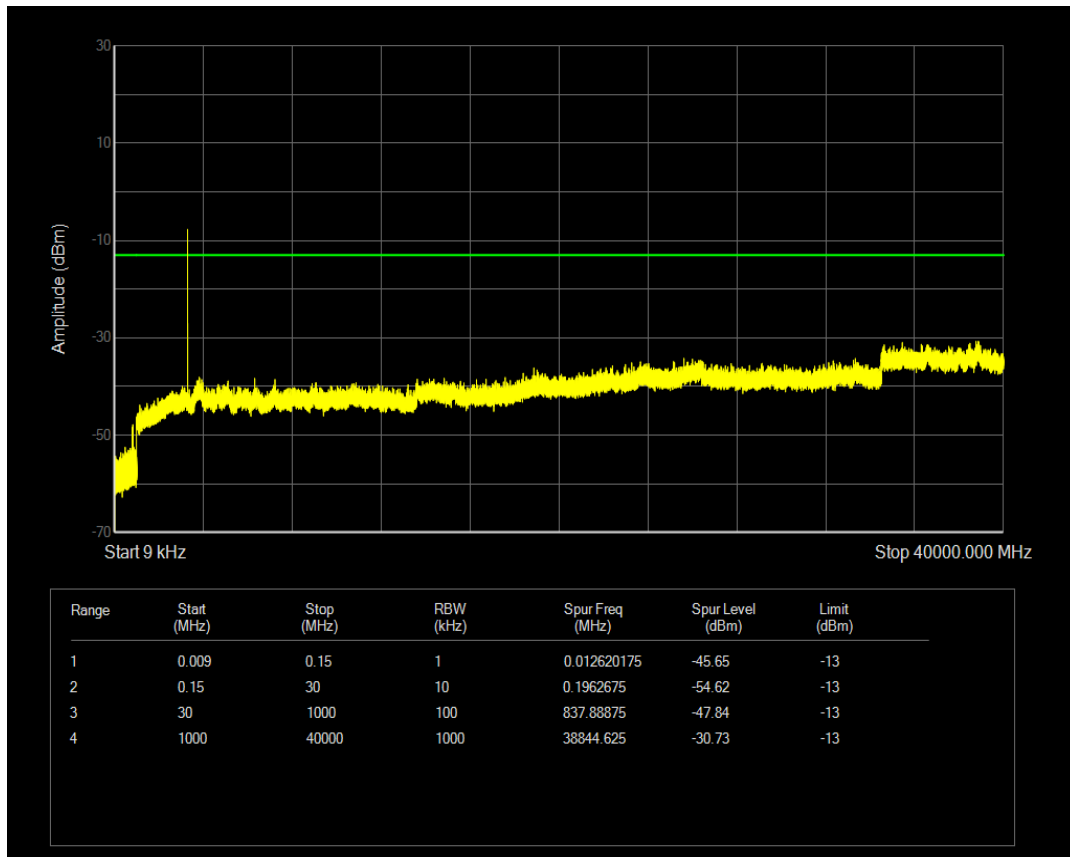
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132

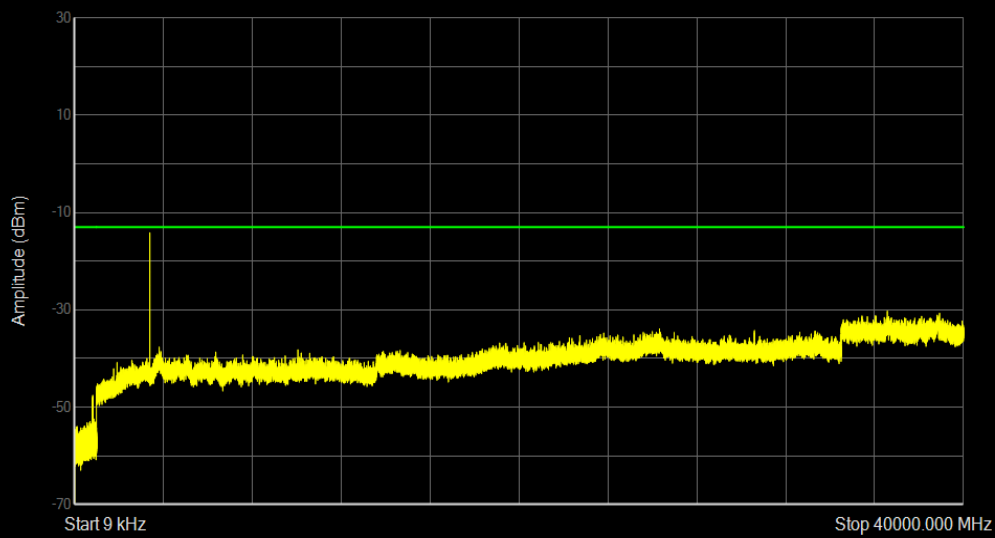


6 Out-of-band emissions for EN-DC

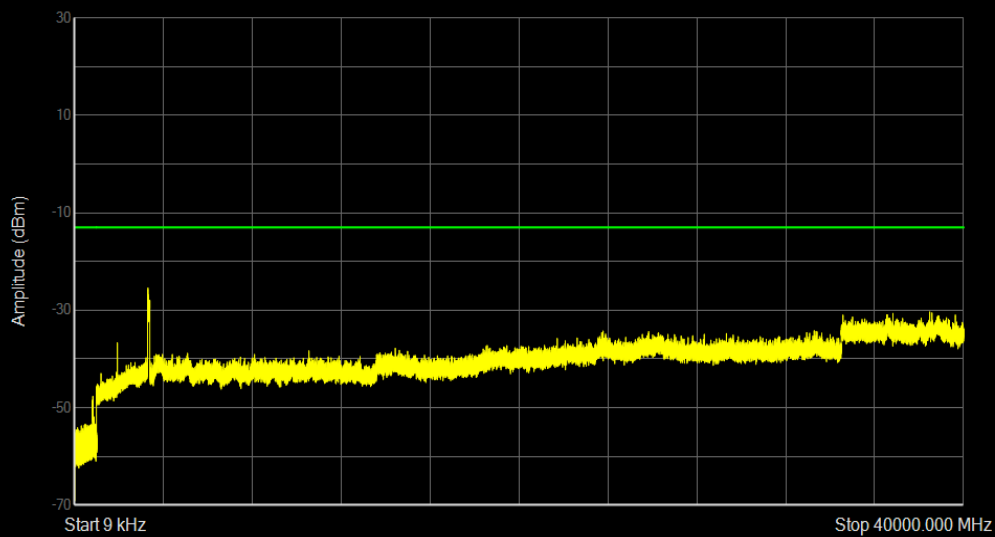
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77	30	10	620334	24@0	CP_QPSK	35007.03	-30.91	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	38825.13	-31.05	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	38872.90	-30.41	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	36481.23	-29.80	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	36258.93	-30.15	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	38861.20	-30.50	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	38869.98	-29.56	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	36649.90	-29.85	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	36630.40	-30.64	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	38889.48	-30.05	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	36882.93	-30.37	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	38815.38	-29.75	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	38477.05	-30.35	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	38844.63	-30.73	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	36571.90	-30.28	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	38872.90	-29.14	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	38761.75	-30.11	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	38882.65	-30.29	-13	PASS

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

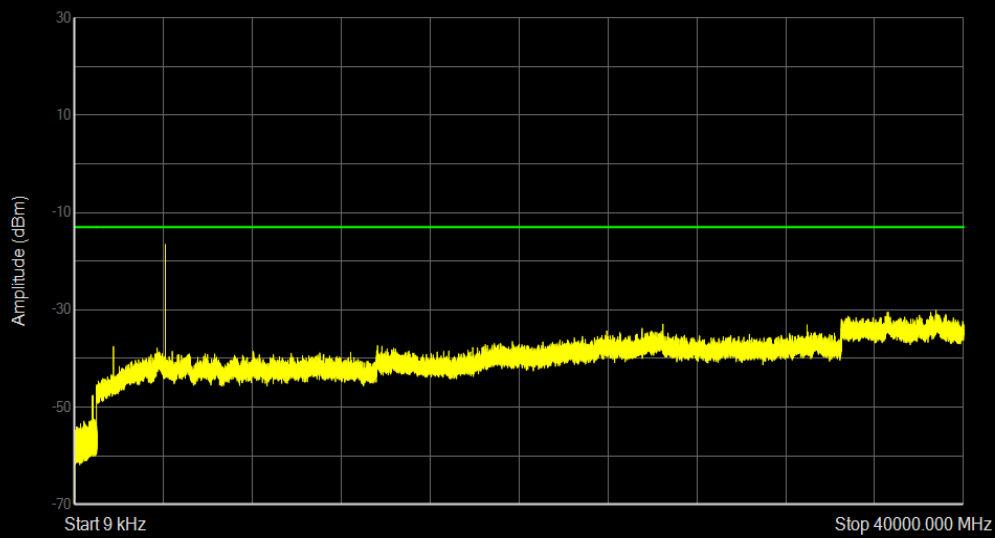


n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272

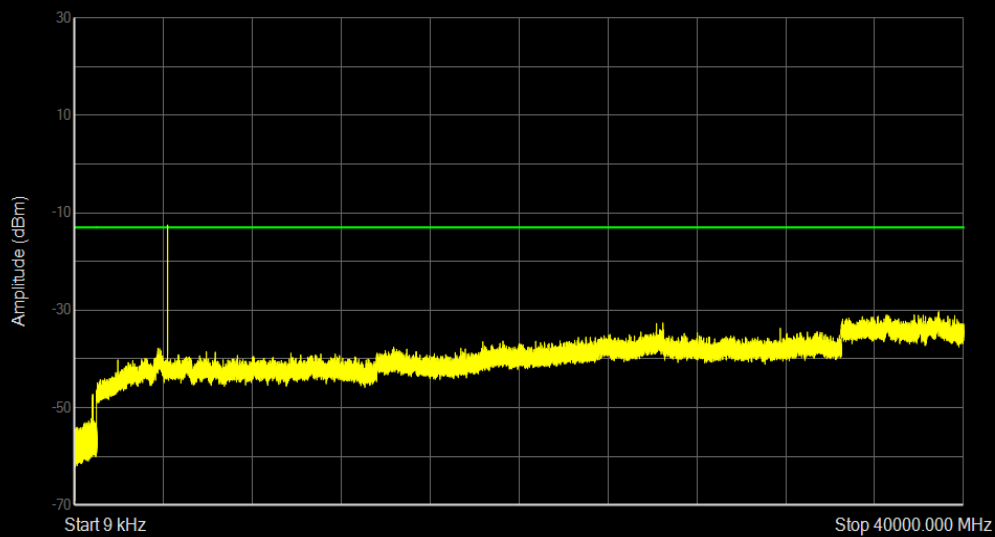
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0140478	-44.09	-13
2	0.15	30	10	0.152985	-54.43	-13
3	30	1000	100	835.3425	-47.57	-13
4	1000	40000	1000	36571.9	-30.28	-13

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	0.012232425	-45.11	-13
2	0.15	30	10	0.158955	-52.68	-13
3	30	1000	100	839.3195	-47.67	-13
4	1000	40000	1000	38477.05	-30.35	-13

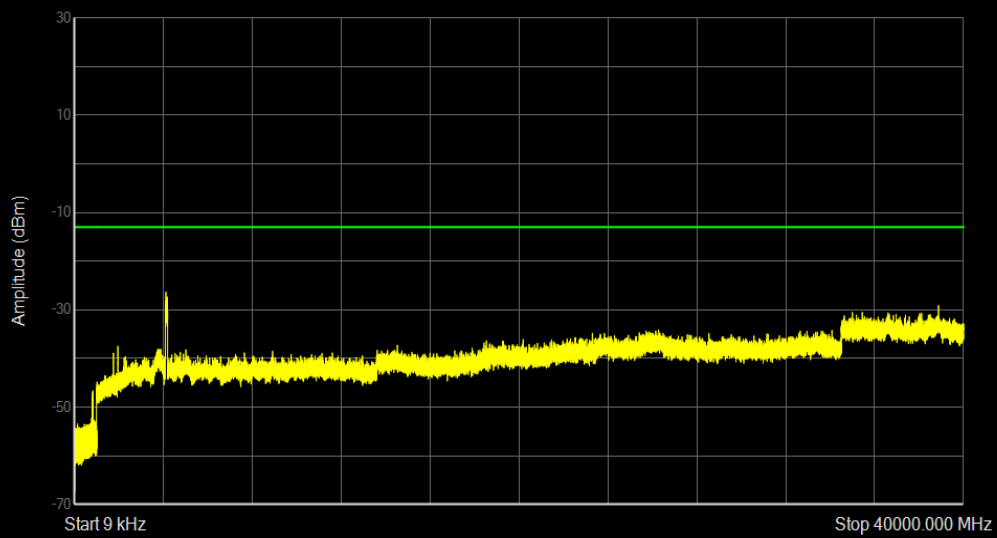
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011879925	-43.62	-13
2	0.15	30	10	0.1902975	-53.73	-13
3	30	1000	100	833.52375	-47.61	-13
4	1000	40000	1000	38761.75	-30.11	-13

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

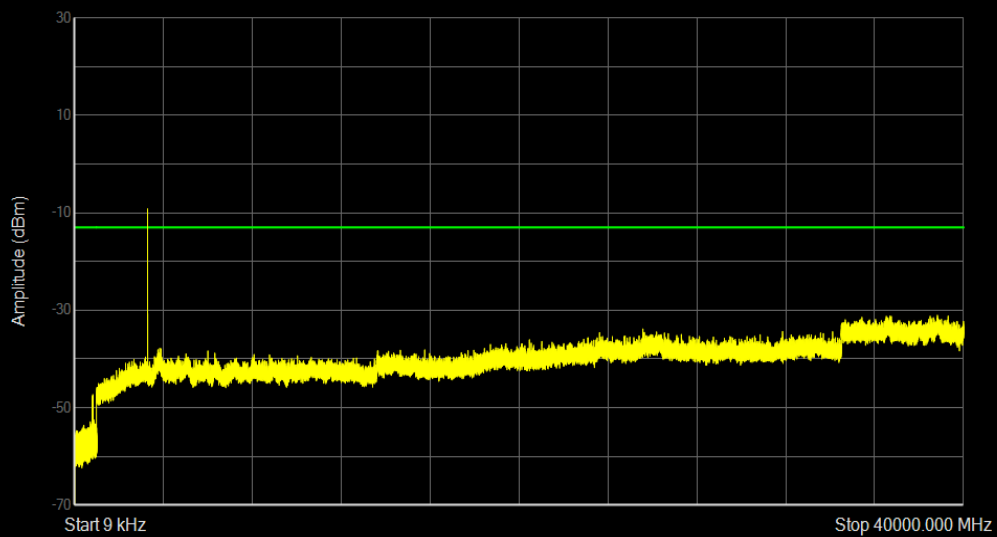
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0121302	-43.79	-13
2	0.15	30	10	0.15	-54.57	-13
3	30	1000	100	839.73175	-47.32	-13
4	1000	40000	1000	38882.65	-30.29	-13

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

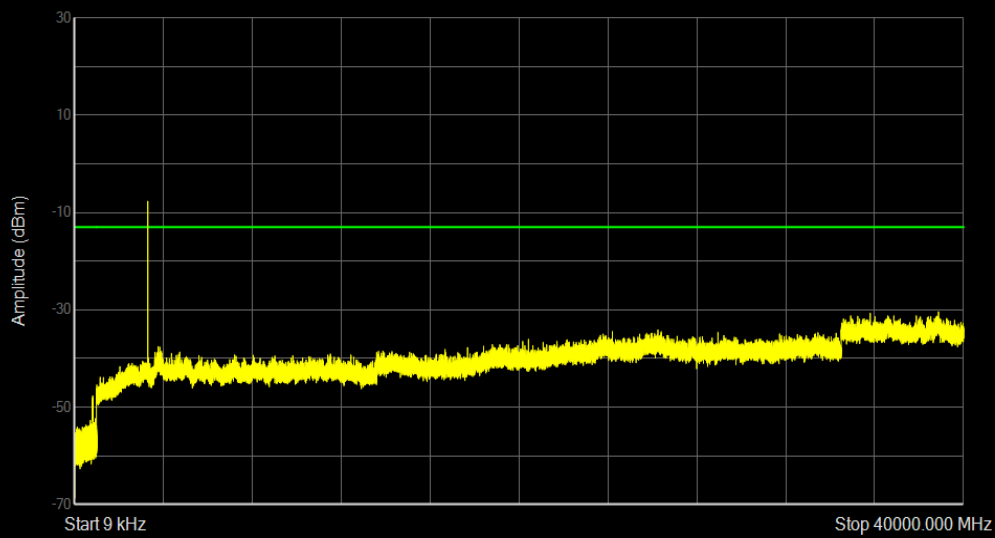


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01834125	-44.28	-13
2	0.15	30	10	0.18507375	-54.57	-13
3	30	1000	100	837.79175	-46.64	-13
4	1000	40000	1000	38872.9	-29.14	-13

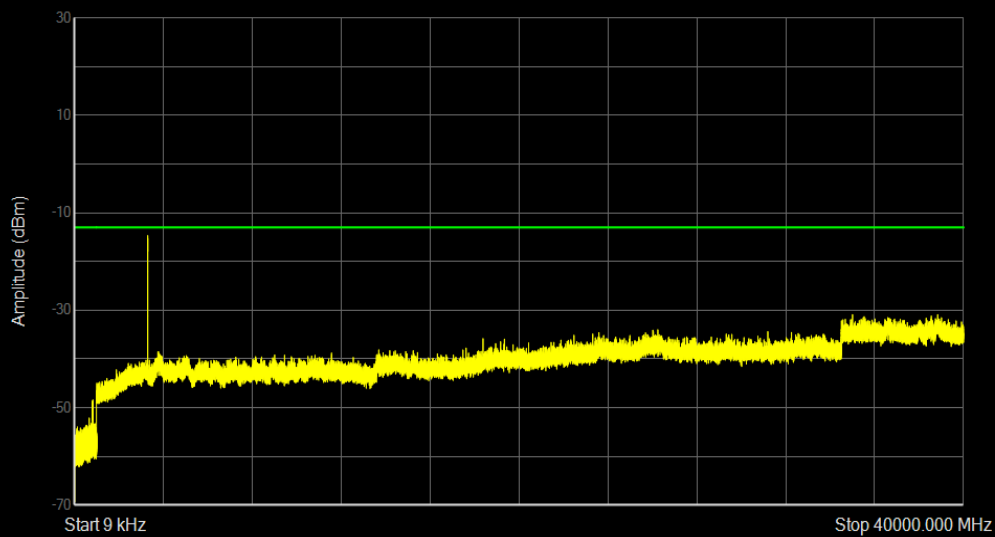
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



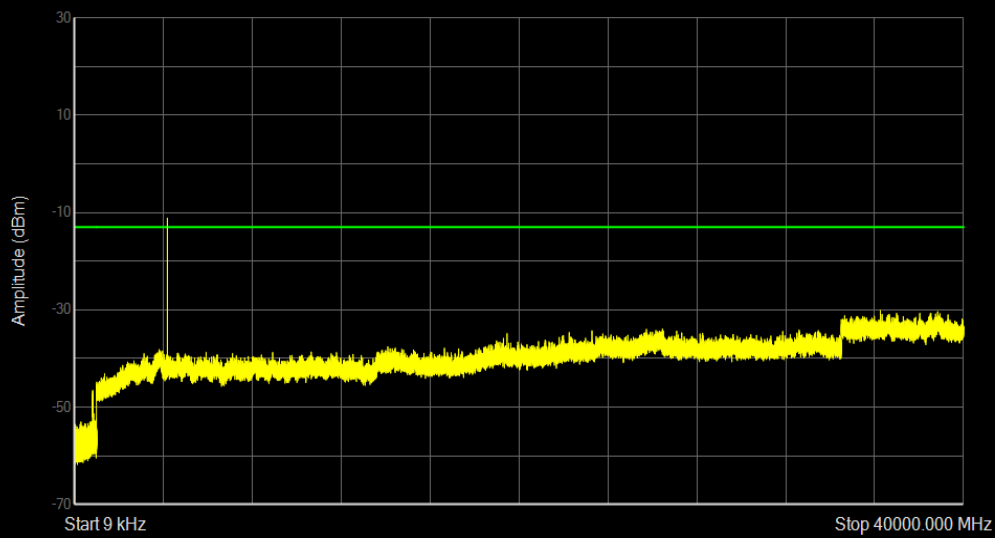
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009282	-44.91	-13
2	0.15	30	10	0.1514925	-55.94	-13
3	30	1000	100	839.077	-47.33	-13
4	1000	40000	1000	38825.125	-31.05	-13

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

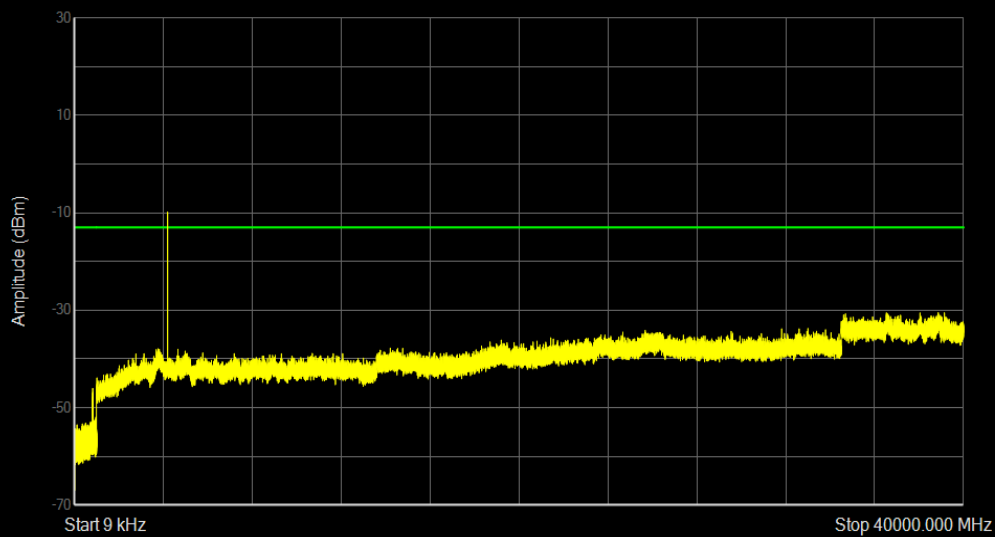
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009870675	-43.63	-13
2	0.15	30	10	0.19253625	-54.47	-13
3	30	1000	100	833.1115	-47.71	-13
4	1000	40000	1000	38872.9	-30.41	-13

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

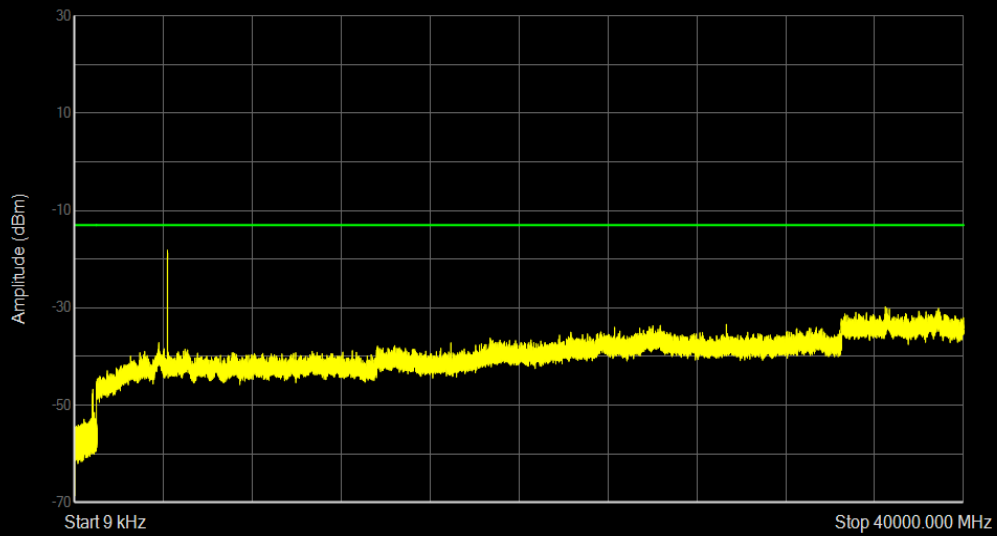
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012944475	-43.66	-13
2	0.15	30	10	0.1604475	-55.15	-13
3	30	1000	100	839.6105	-48.43	-13
4	1000	40000	1000	35007.025	-30.91	-13

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

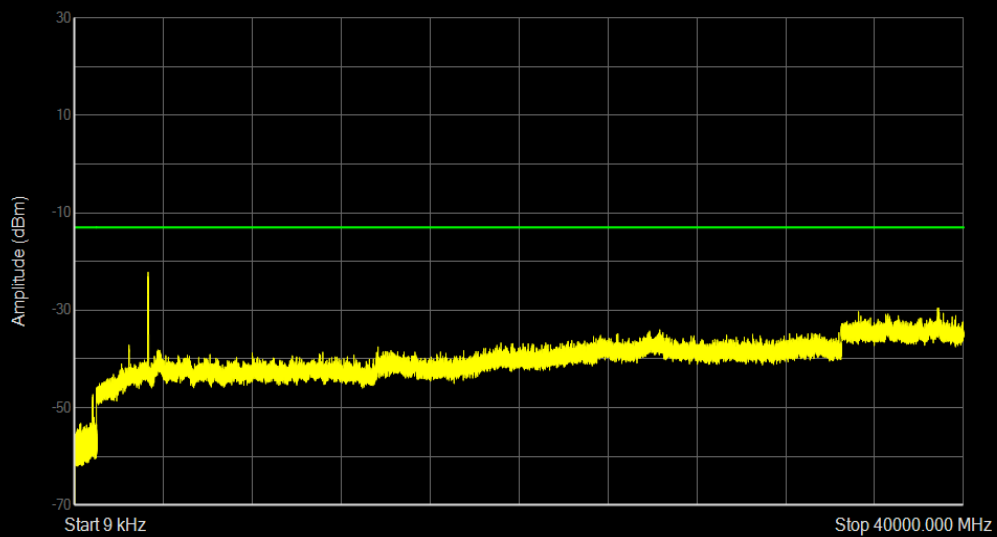
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01463295	-44.87	-13
2	0.15	30	10	0.15	-53.65	-13
3	30	1000	100	833.16	-46.61	-13
4	1000	40000	1000	36258.925	-30.15	-13

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

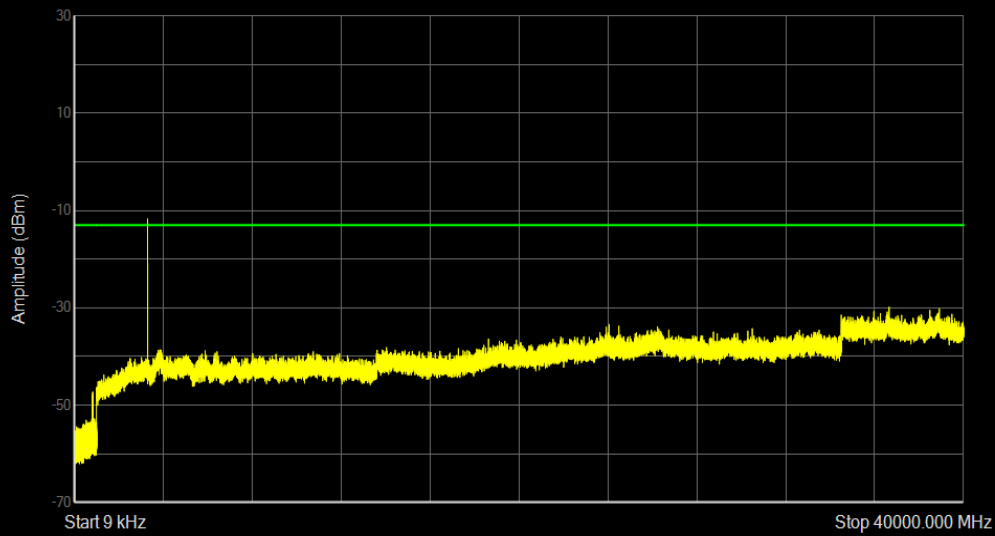
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0132159	-43.19	-13
2	0.15	30	10	0.188805	-55.09	-13
3	30	1000	100	834.615	-46.05	-13
4	1000	40000	1000	38861.2	-30.5	-13

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

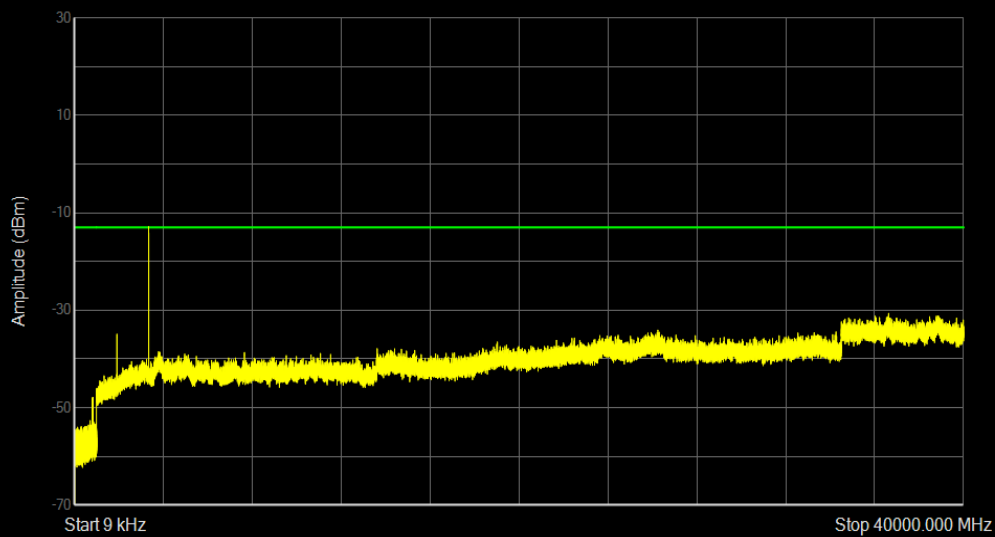
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011682525	-44.37	-13
2	0.15	30	10	0.17985	-55.14	-13
3	30	1000	100	840.60475	-46.76	-13
4	1000	40000	1000	36481.225	-29.8	-13

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

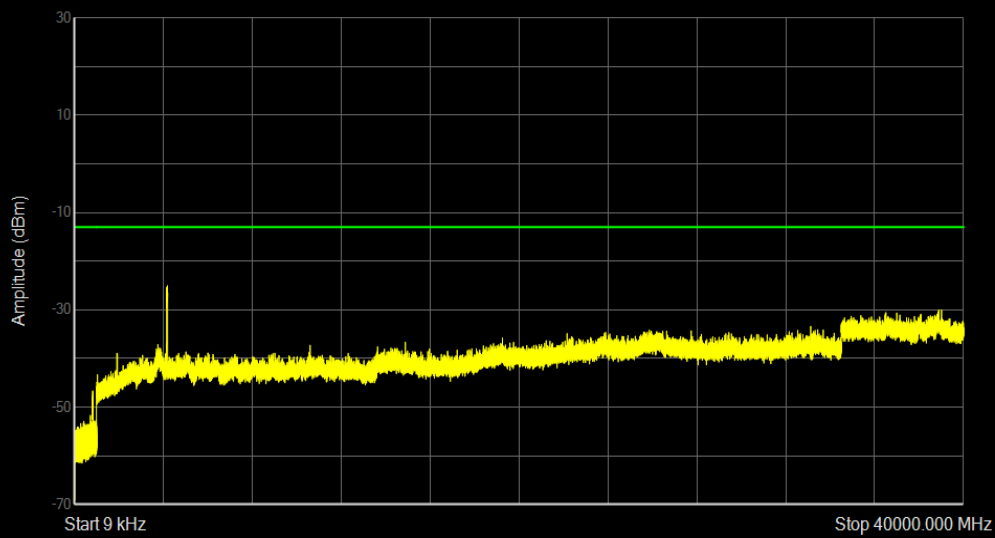
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01318065	-44.16	-13
2	0.15	30	10	0.1962675	-54.89	-13
3	30	1000	100	839.853	-47.31	-13
4	1000	40000	1000	38869.975	-29.56	-13

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

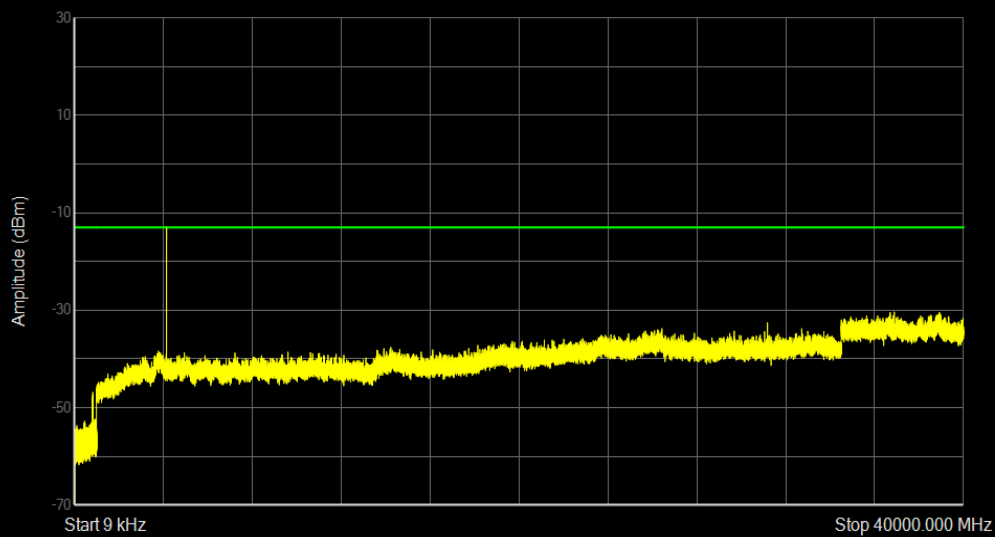
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00951465	-44.19	-13
2	0.15	30	10	0.15	-55.7	-13
3	30	1000	100	835.99725	-47.31	-13
4	1000	40000	1000	36649.9	-29.85	-13

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	0.013177125	-43.33	-13
2	0.15	30	10	0.15970125	-55.26	-13
3	30	1000	100	835.9245	-47.92	-13
4	1000	40000	1000	36630.4	-30.64	-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	0.012718875	-42.82	-13
2	0.15	30	10	0.16119375	-54.77	-13
3	30	1000	100	834.518	-46.65	-13
4	1000	40000	1000	38889.475	-30.05	-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	0.013677675	-44.25	-13
2	0.15	30	10	0.16268625	-53.81	-13
3	30	1000	100	838.42225	-46.87	-13
4	1000	40000	1000	36882.925	-30.37	-13

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

