



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



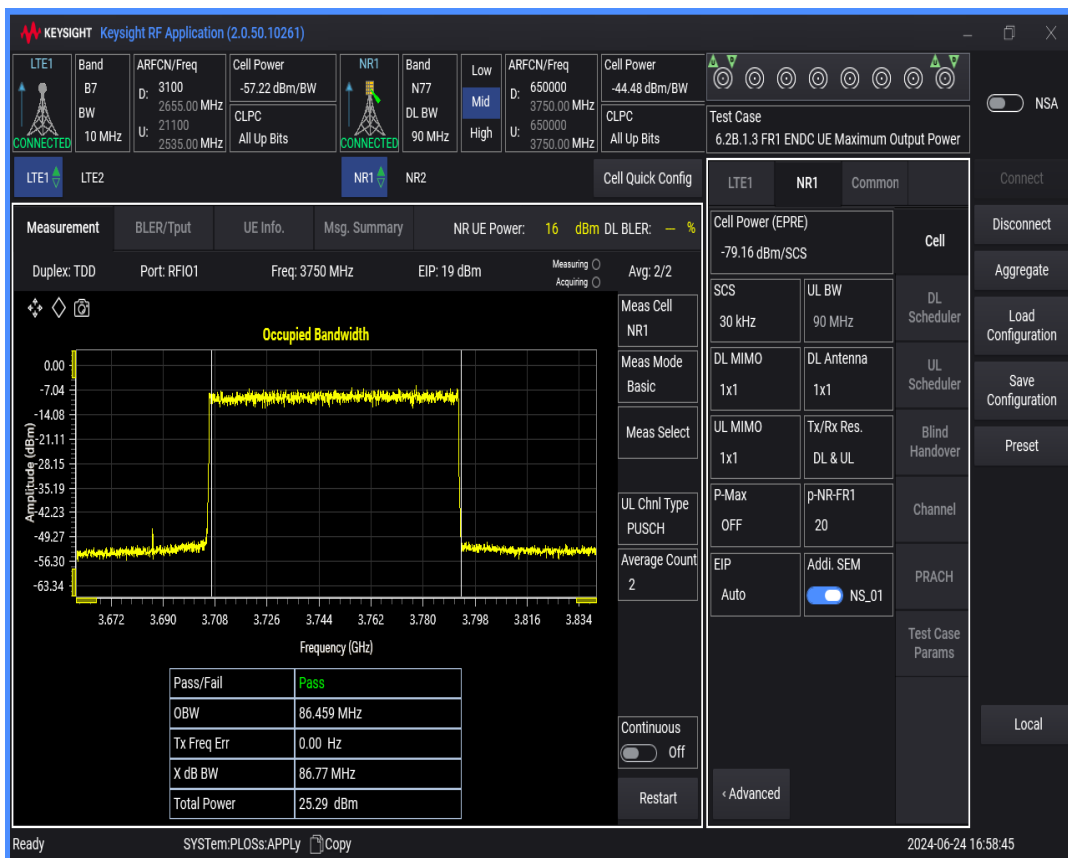
n77 SCS=30kHz DFT_QPSK BW=60MHz Channel=650000 RB=162@0



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



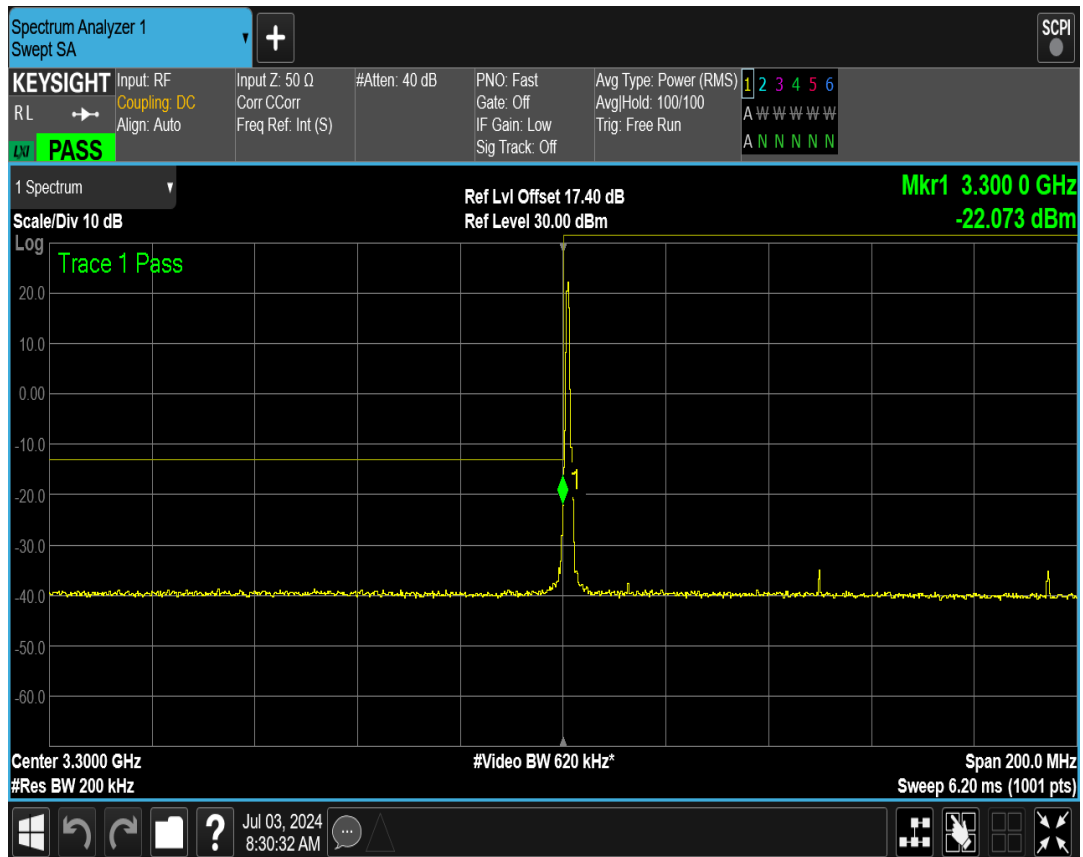
n77 SCS=30kHz DFT_QPSK BW=90MHz Channel=650000 RB=240@0



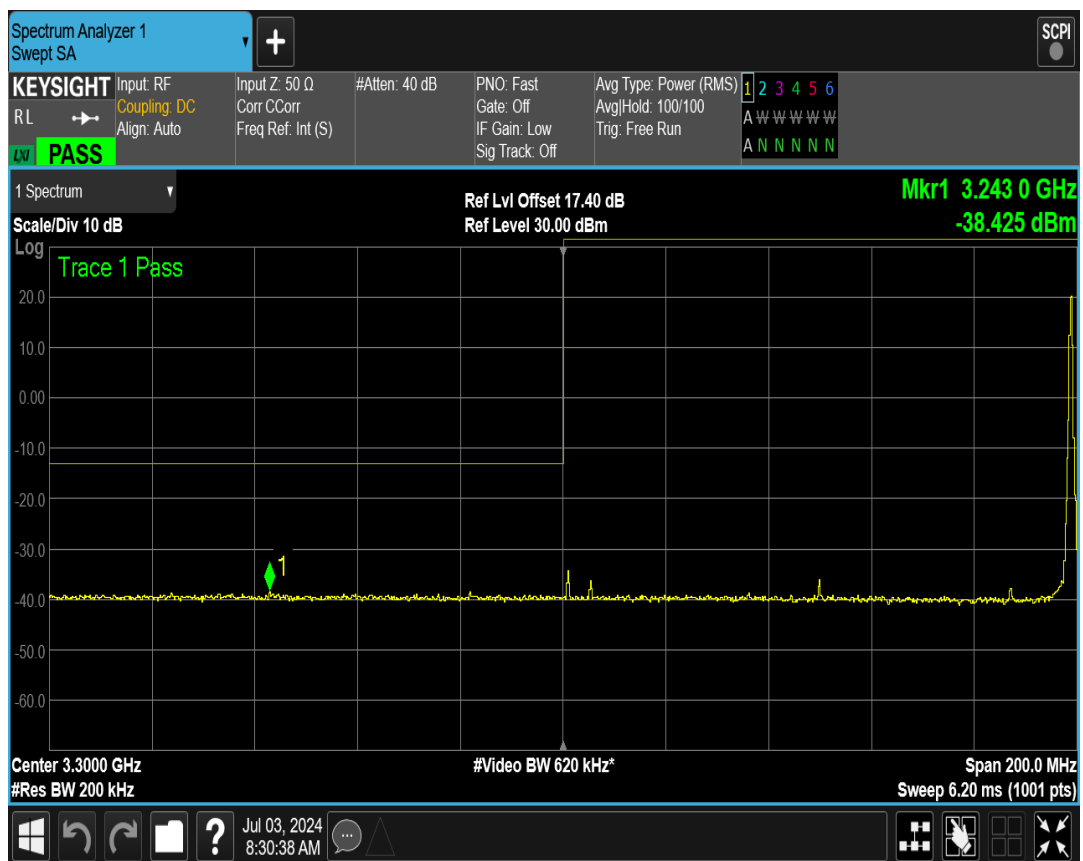
5 Band edge for EN-DC

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	-31.95	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	3299.96	-27.40	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	3299.86	-38.63	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	4200.26	-28.55	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	4206.00	-35.35	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	4200.02	-24.33	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	3297.60	-31.49	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	3300.00	-28.74	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	3290.30	-38.50	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	4203.90	-27.25	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	4236.10	-35.67	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	4200.00	-29.69	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	3300.00	-16.69	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	3300.00	-22.07	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	3243.00	-38.42	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	4200.00	-14.42	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	4235.40	-35.77	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	4200.00	-27.28	-13	PASS

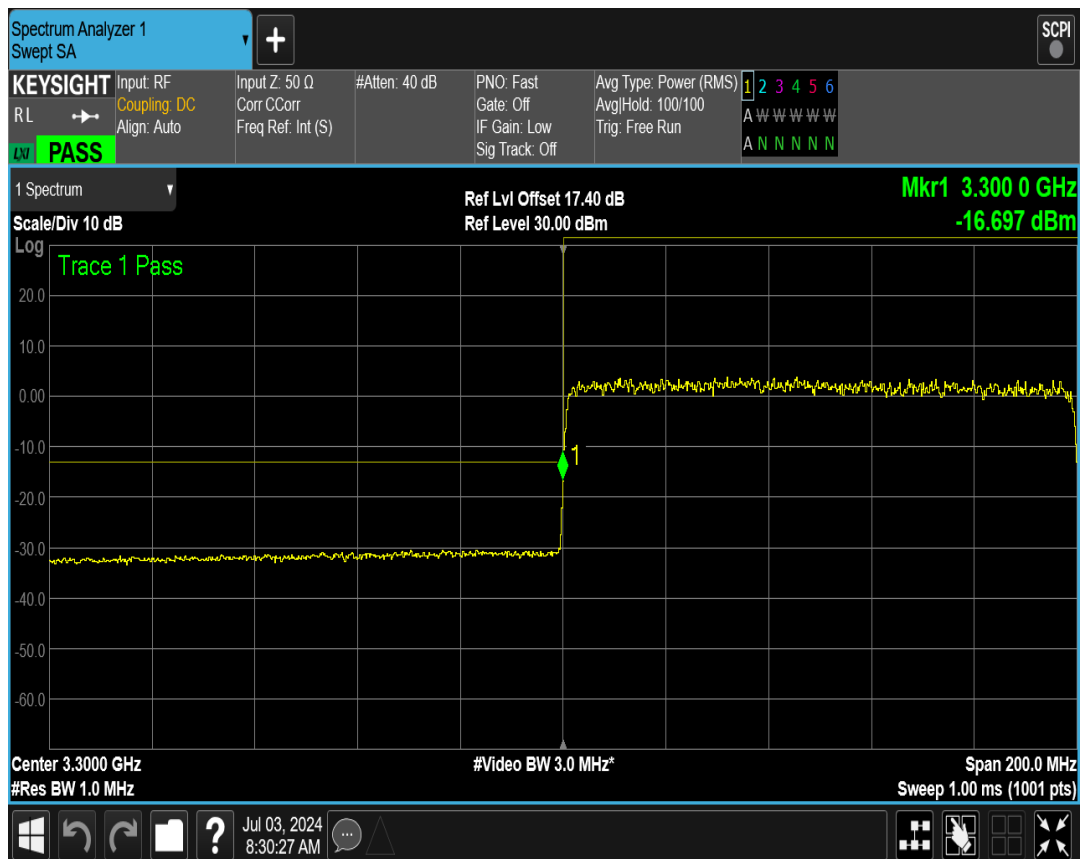
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



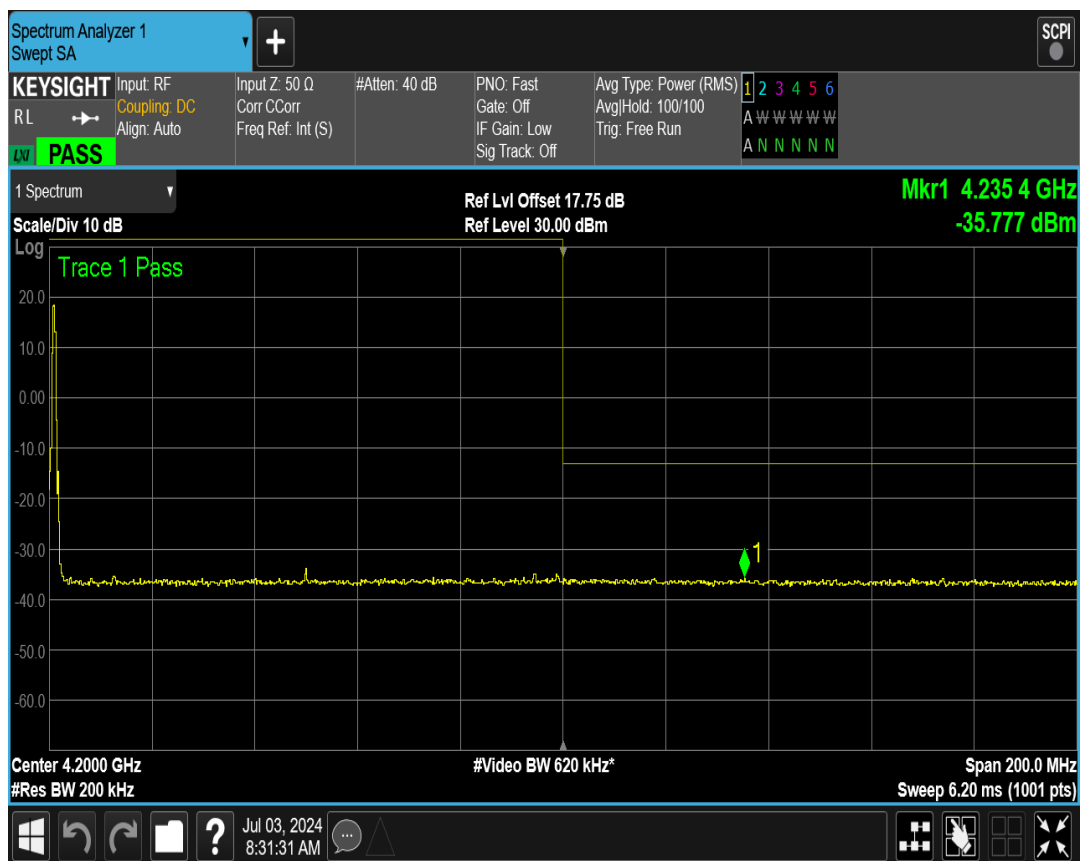
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



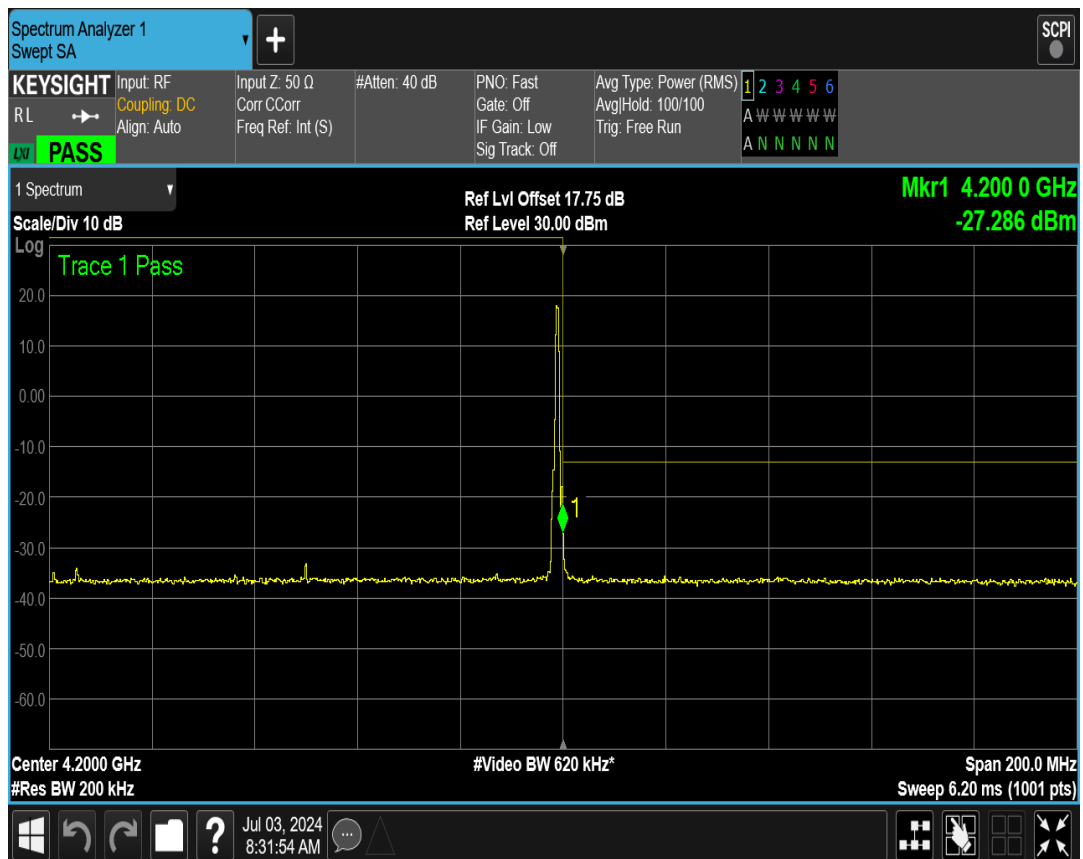
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



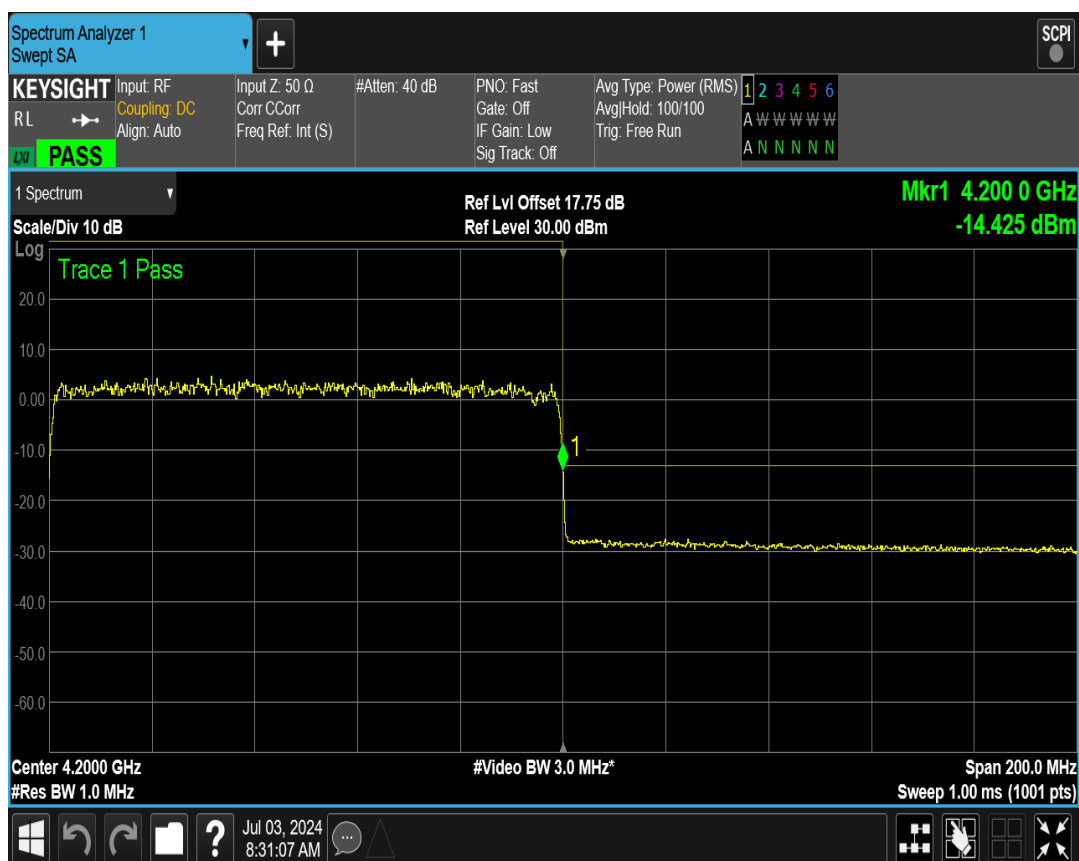
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0



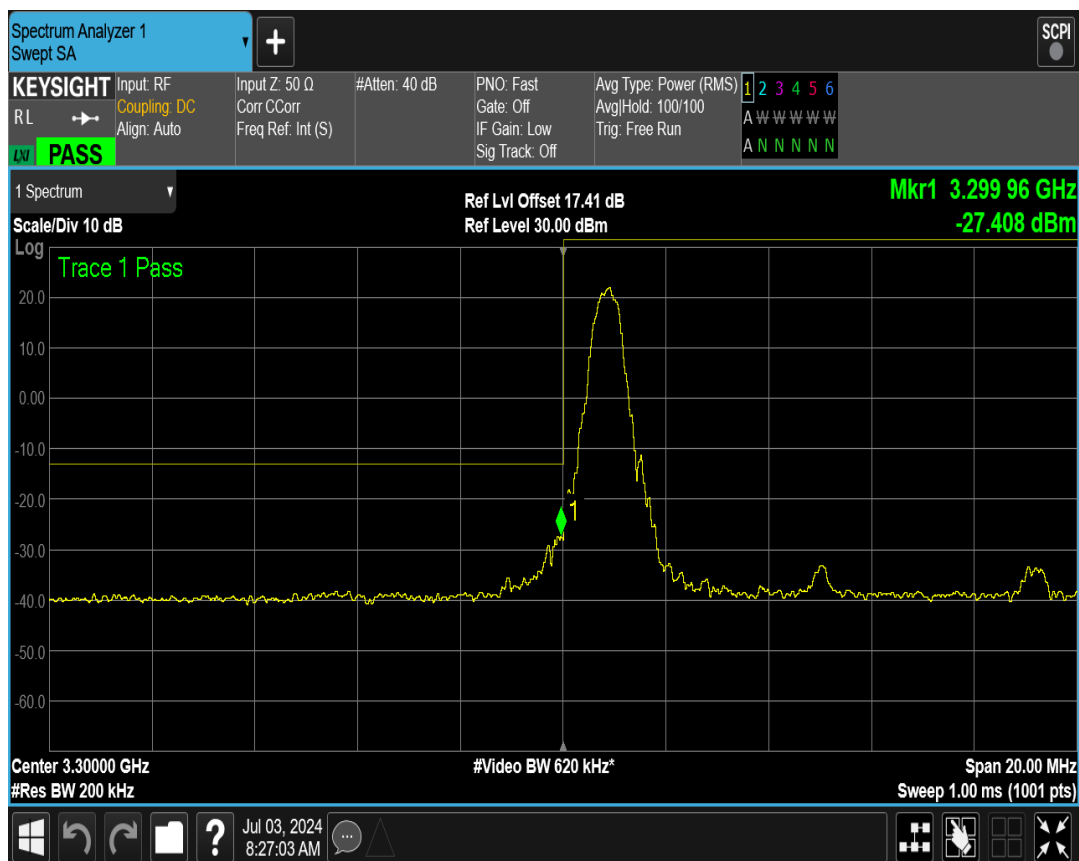
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272



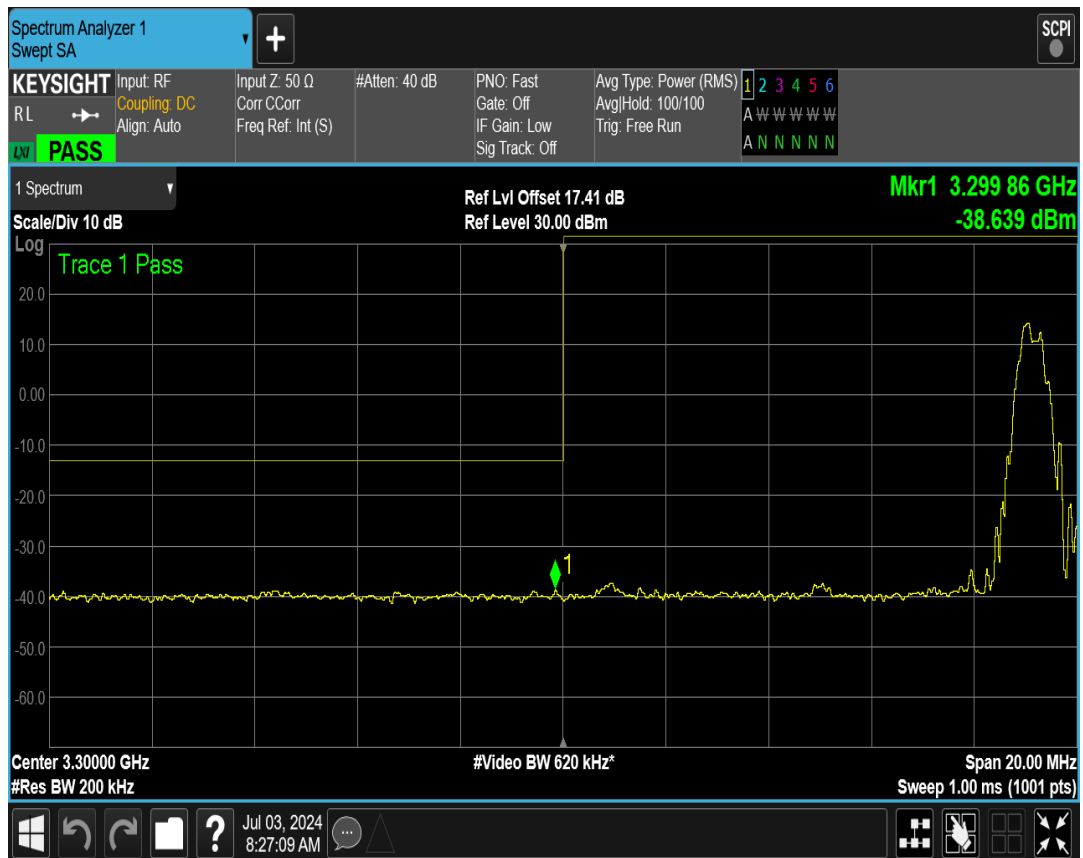
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=273@0



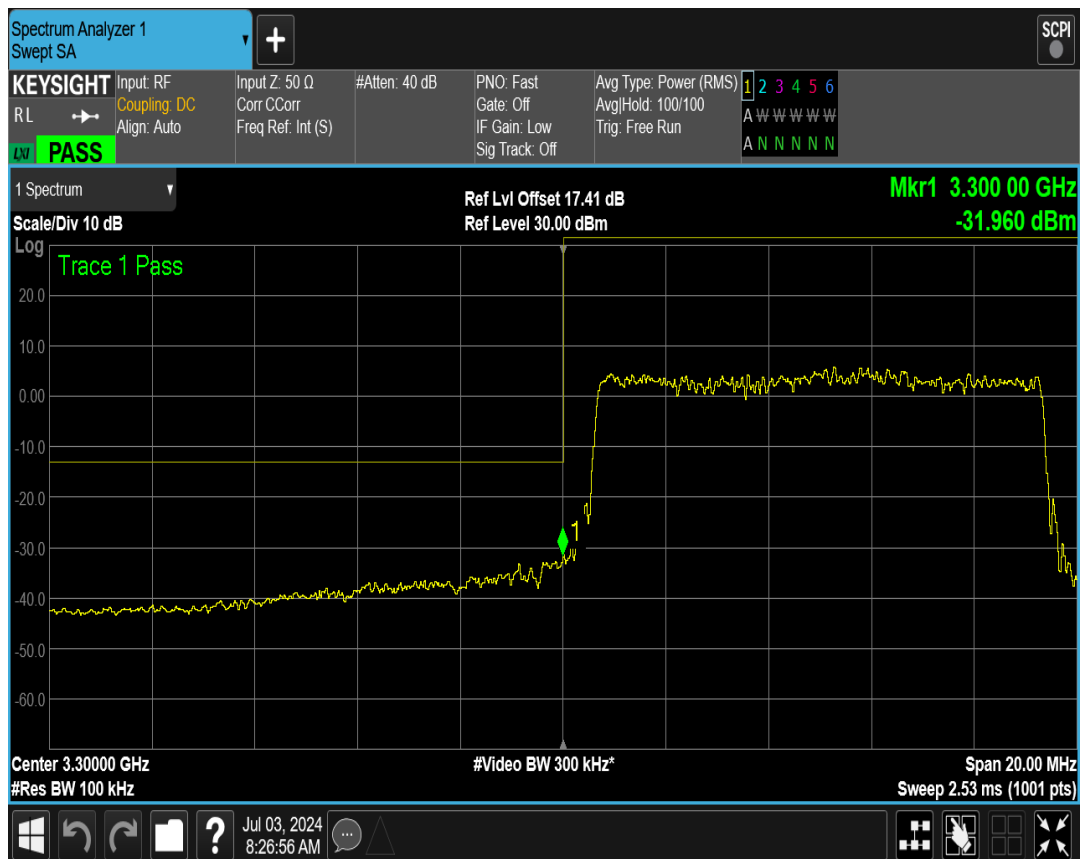
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



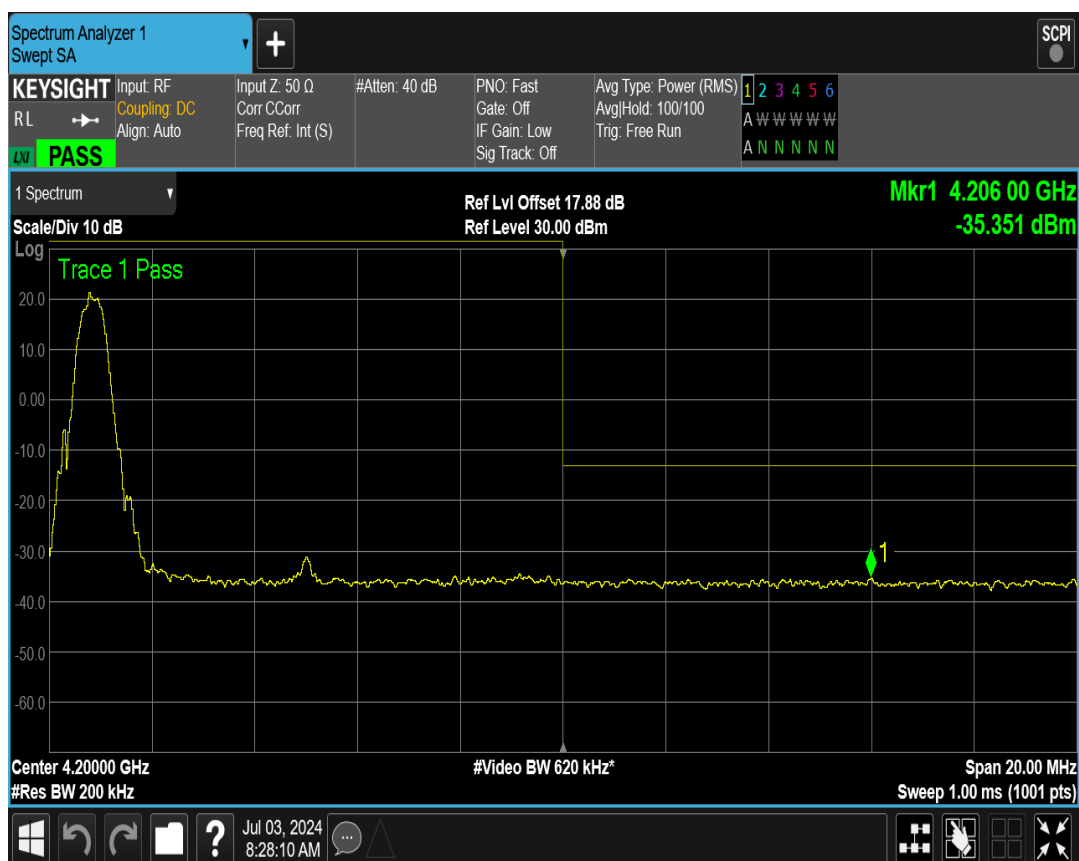
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23



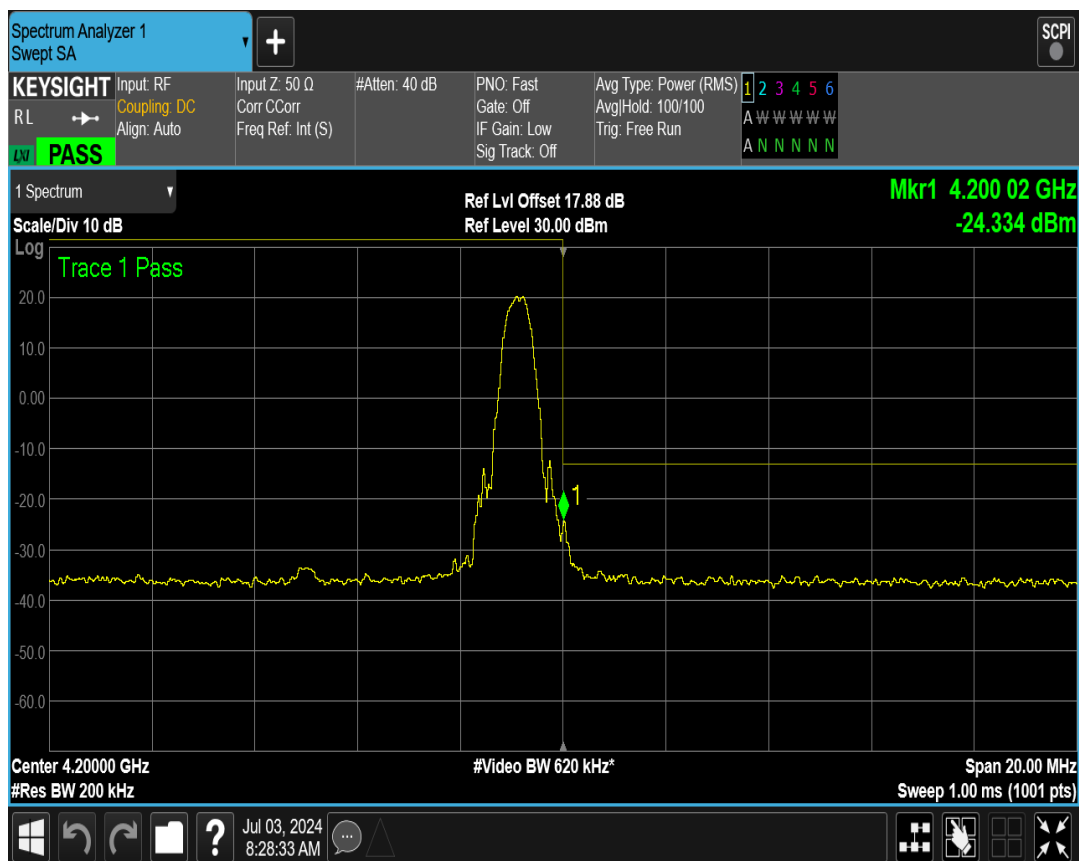
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



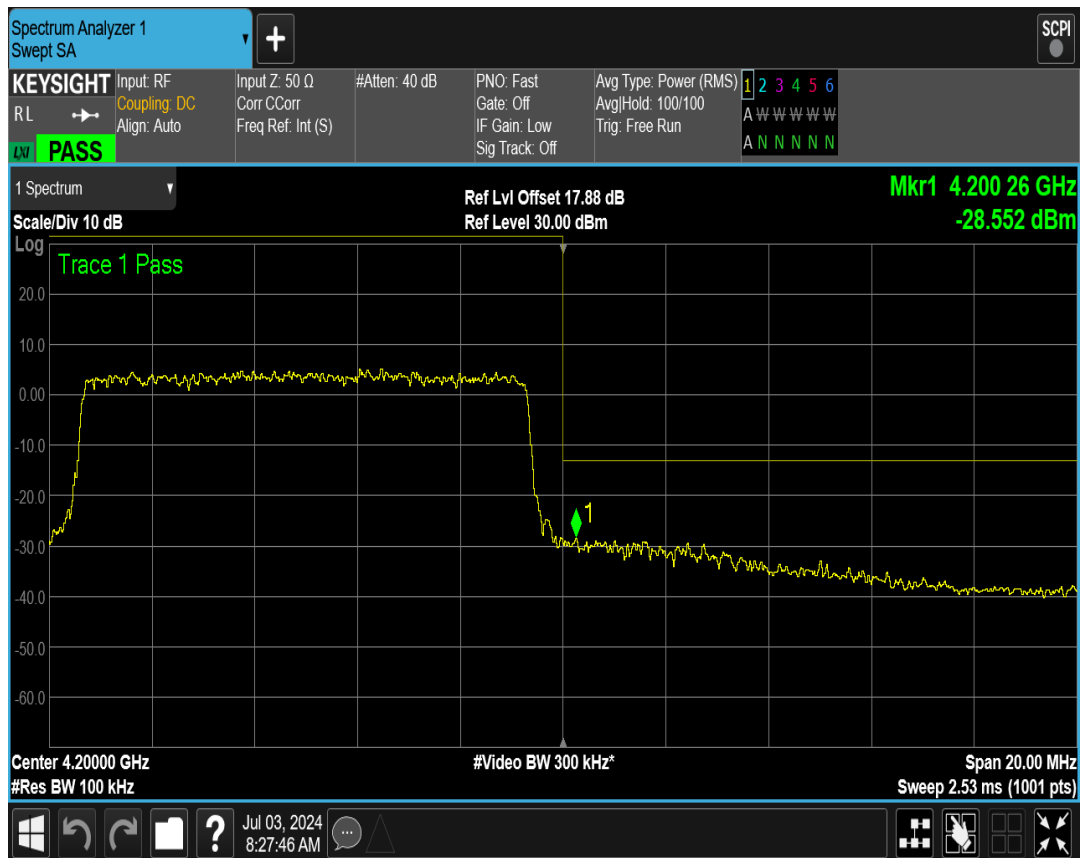
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@0



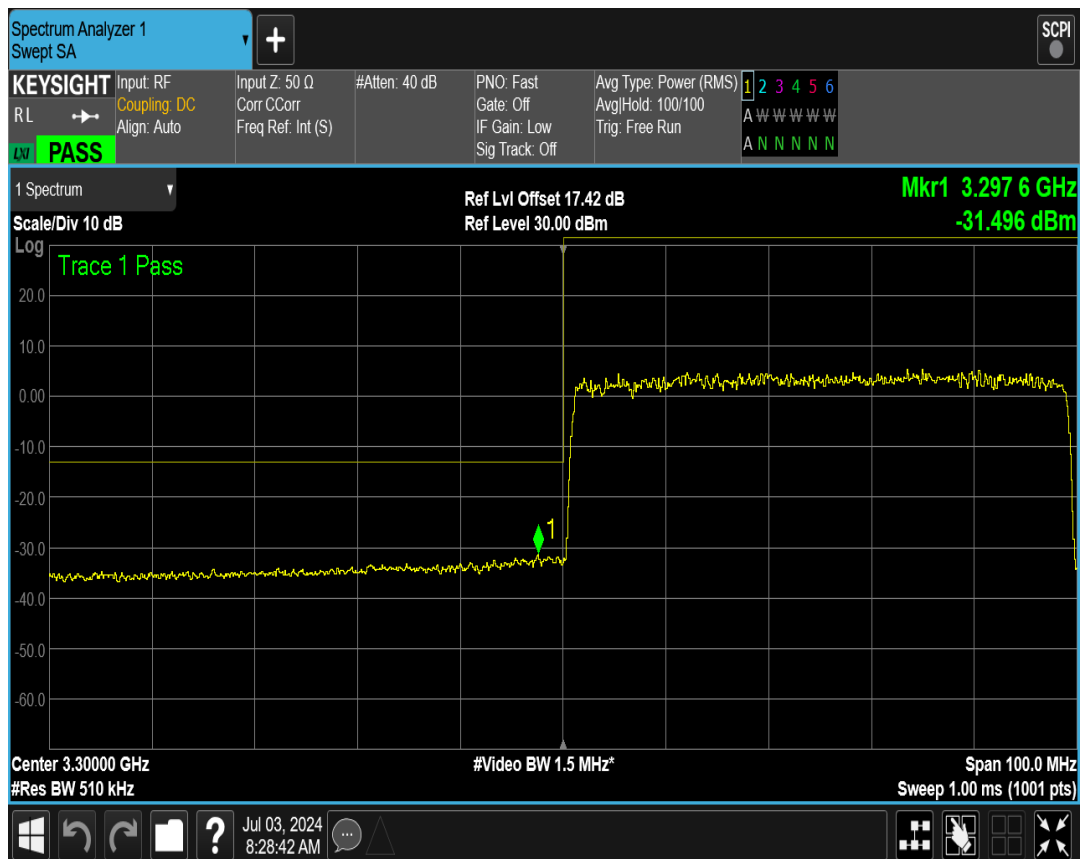
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23



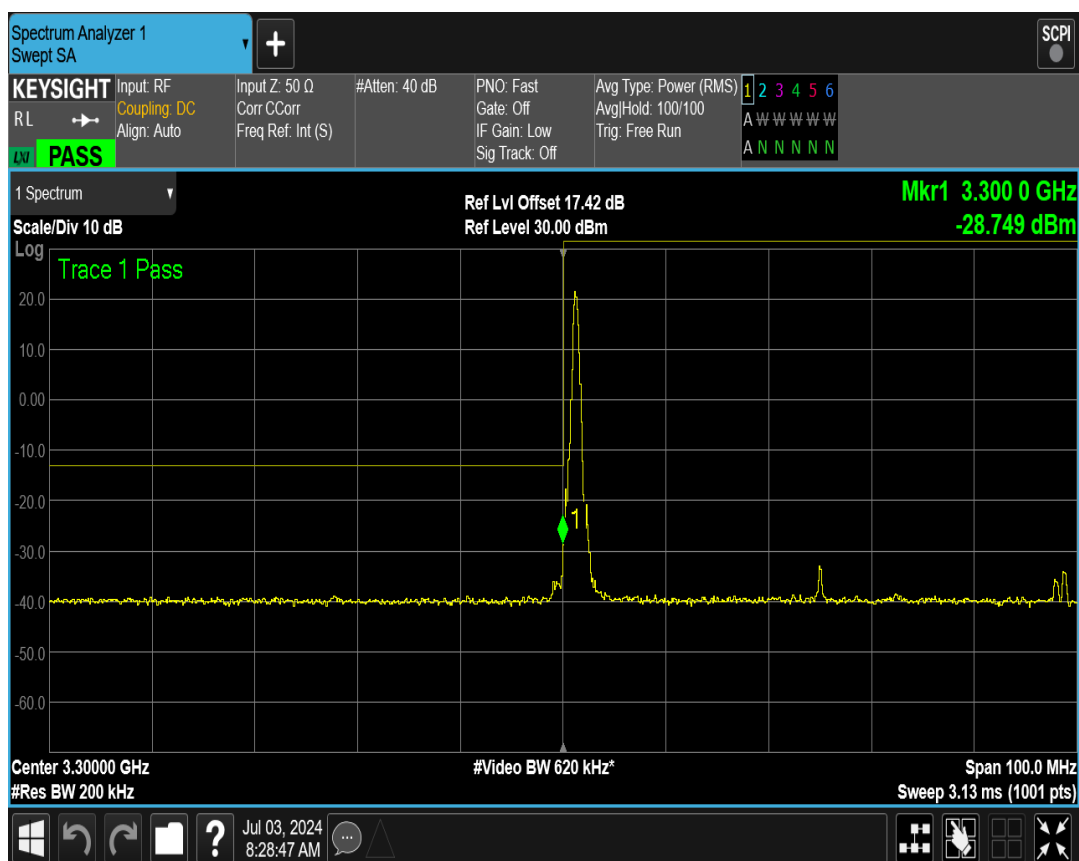
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0



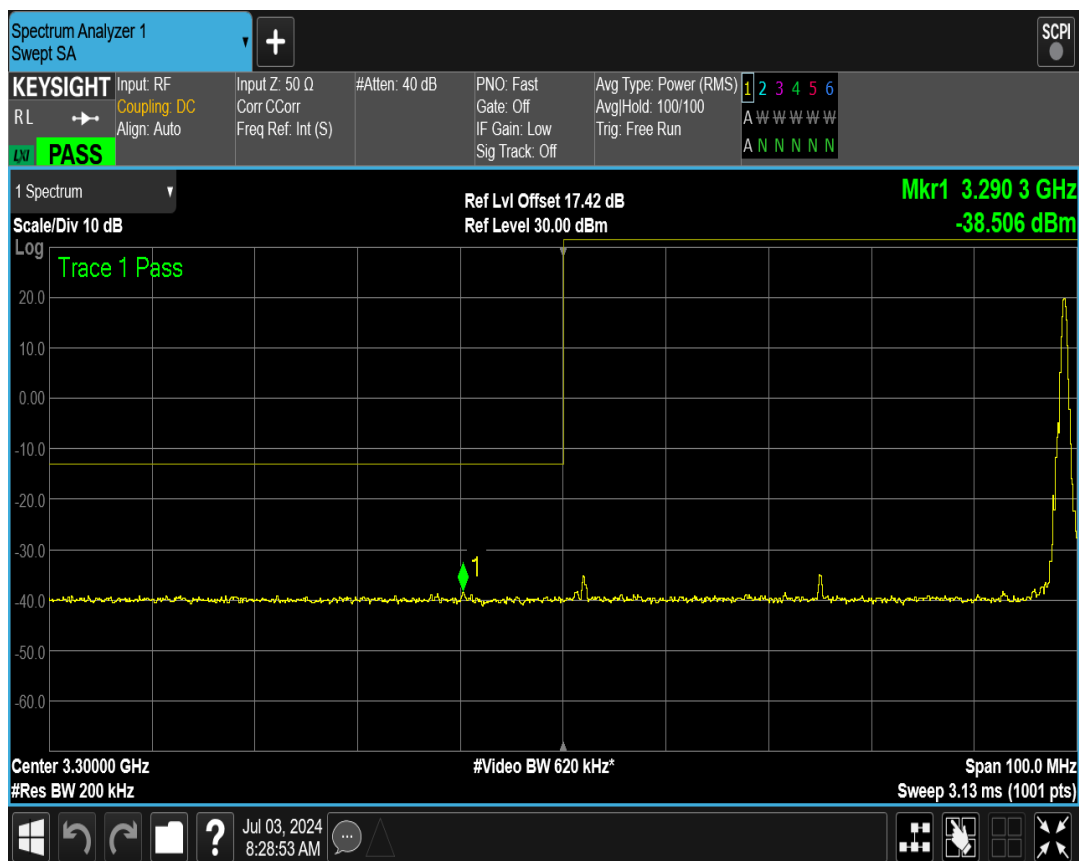
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



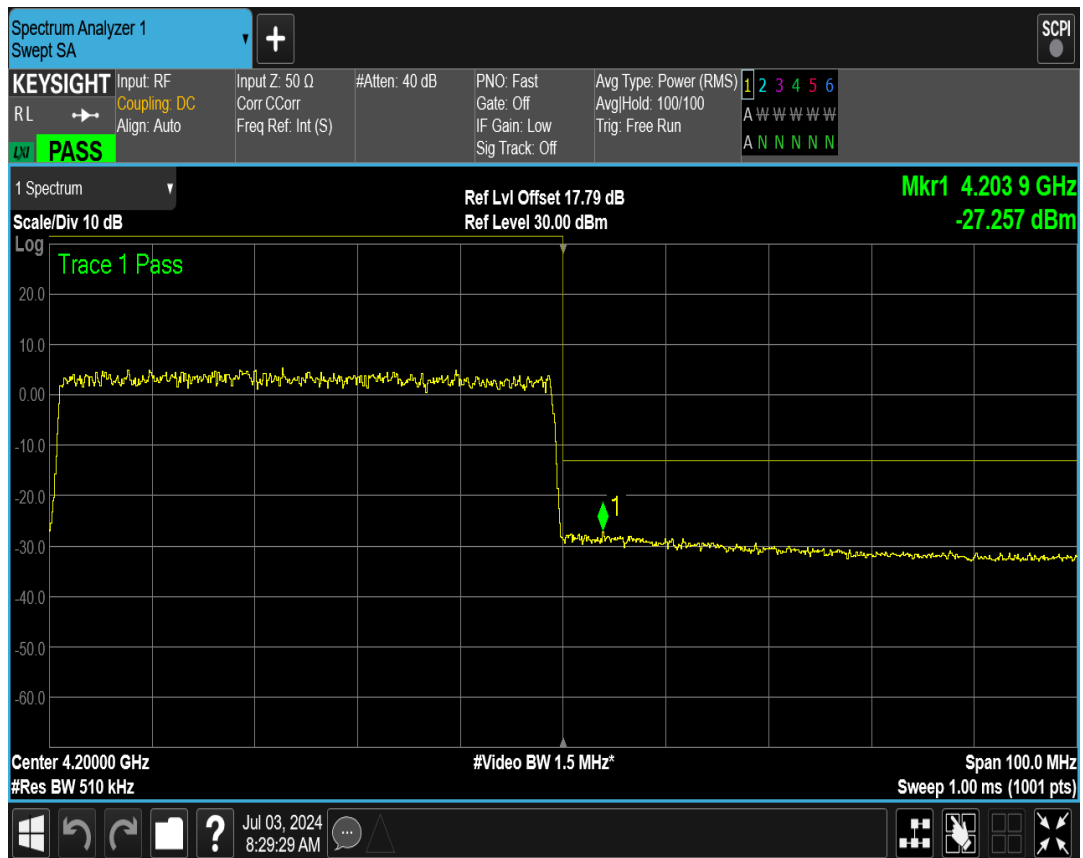
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



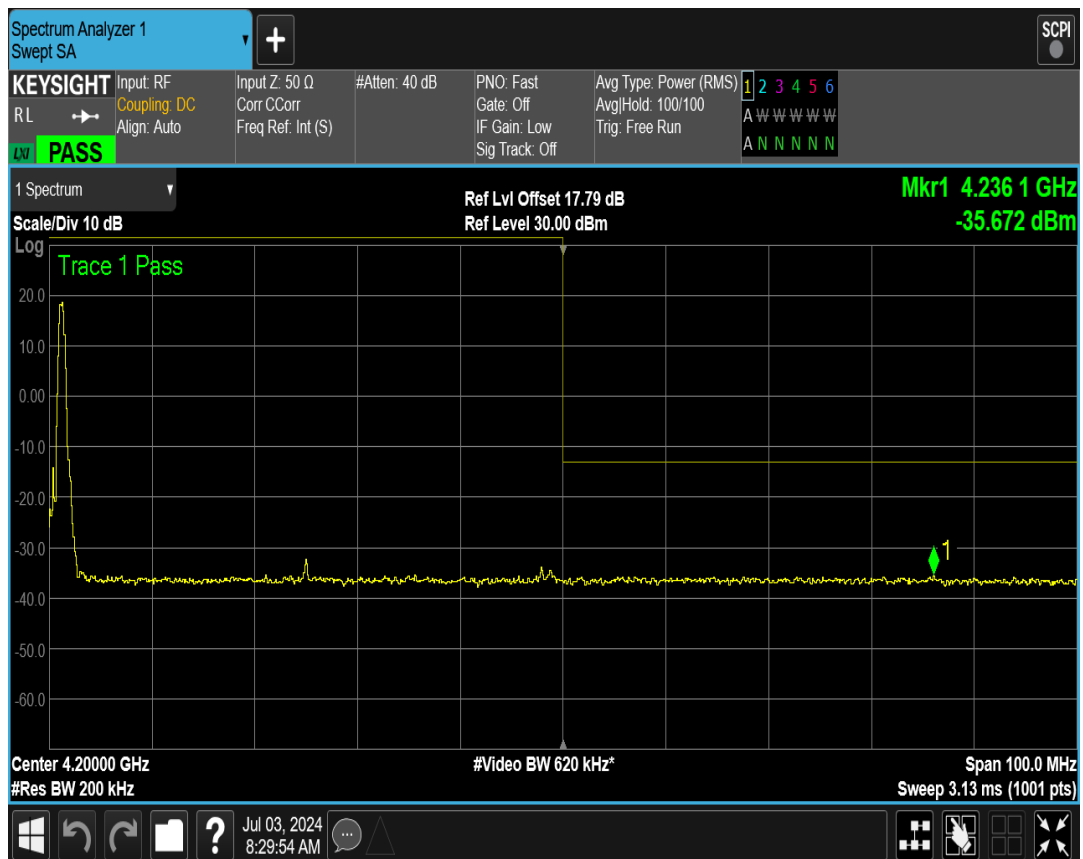
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132



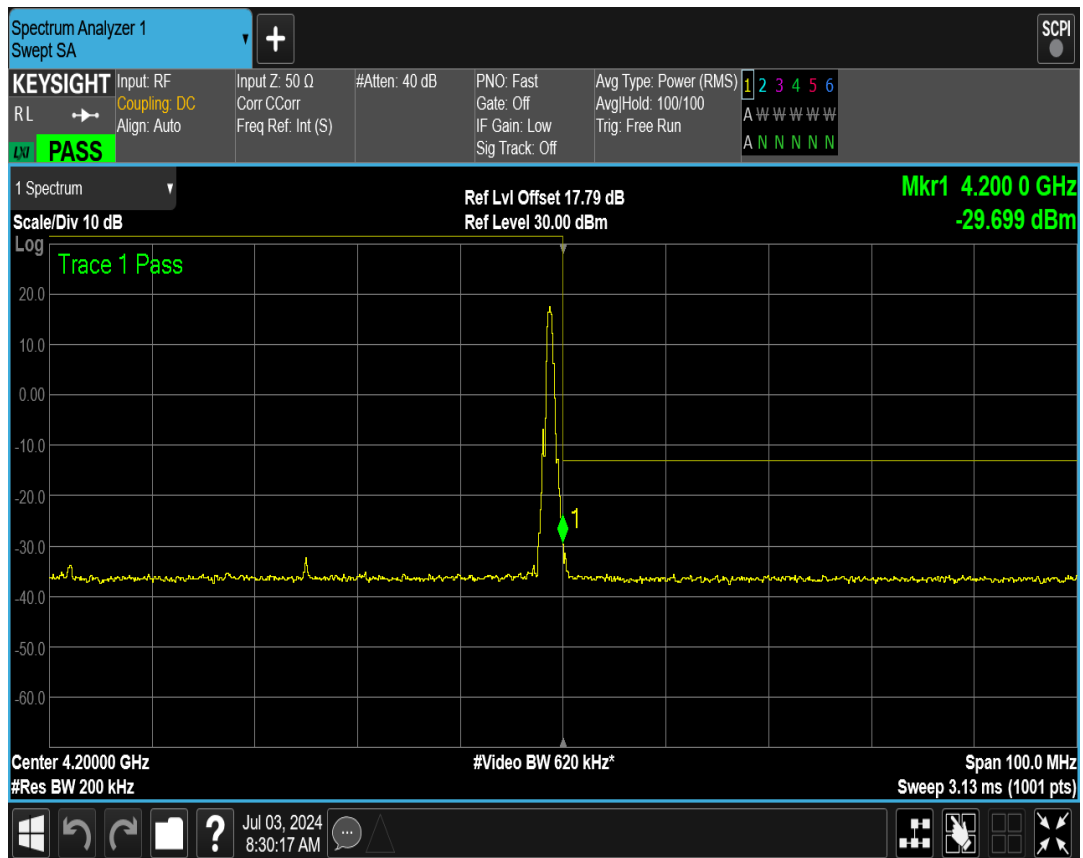
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=133@0



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



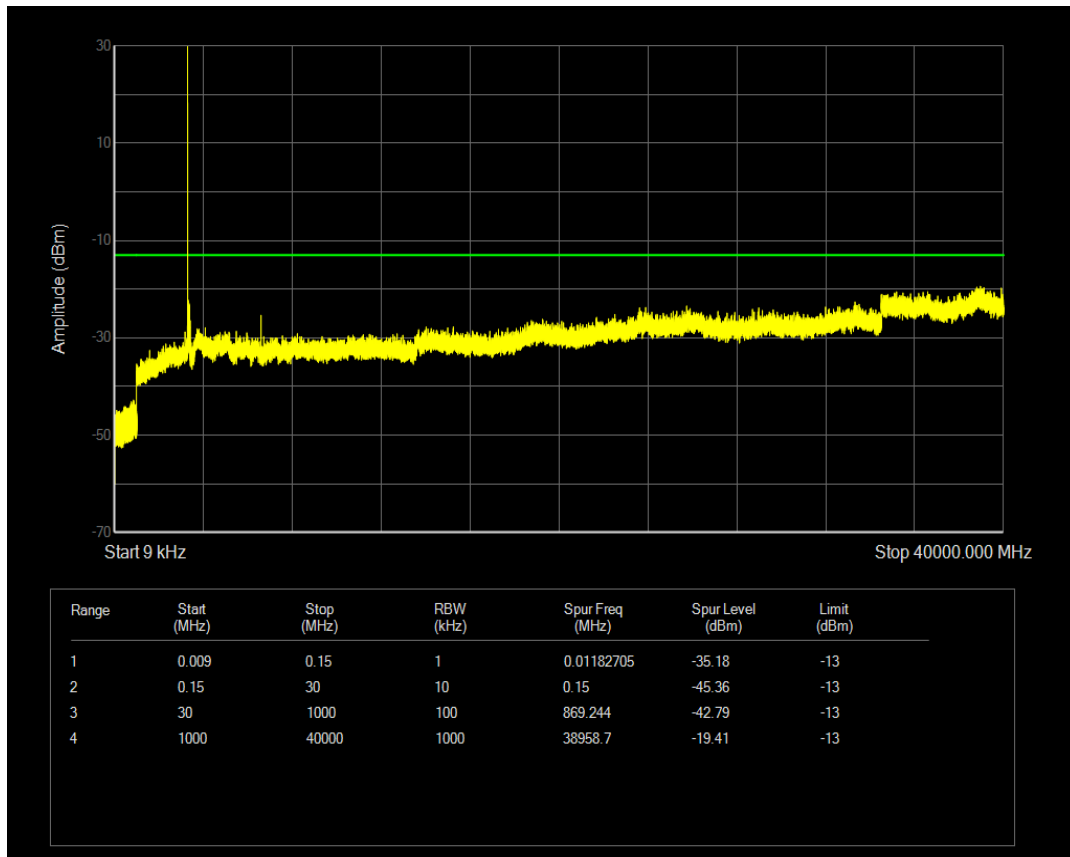
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132



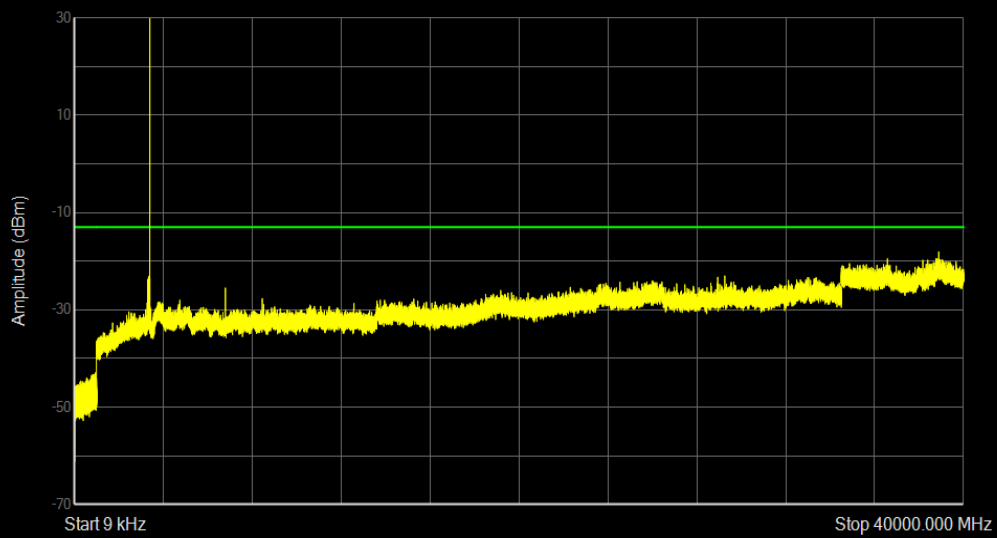
6 Out-of-band emissions for EN-DC

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	38863.15	-19.15	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	38876.80	-18.75	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	38909.95	-19.09	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	38857.30	-19.05	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	38950.90	-18.57	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	38801.73	-18.52	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	39003.55	-19.01	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	39179.05	-19.29	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	38853.40	-18.56	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	38997.70	-18.99	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	38912.88	-18.91	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	39162.48	-18.70	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	38871.93	-18.47	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	38958.70	-19.41	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	38882.65	-18.08	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	39036.70	-18.44	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	38010.03	-18.40	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	38887.53	-18.75	-13	PASS

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

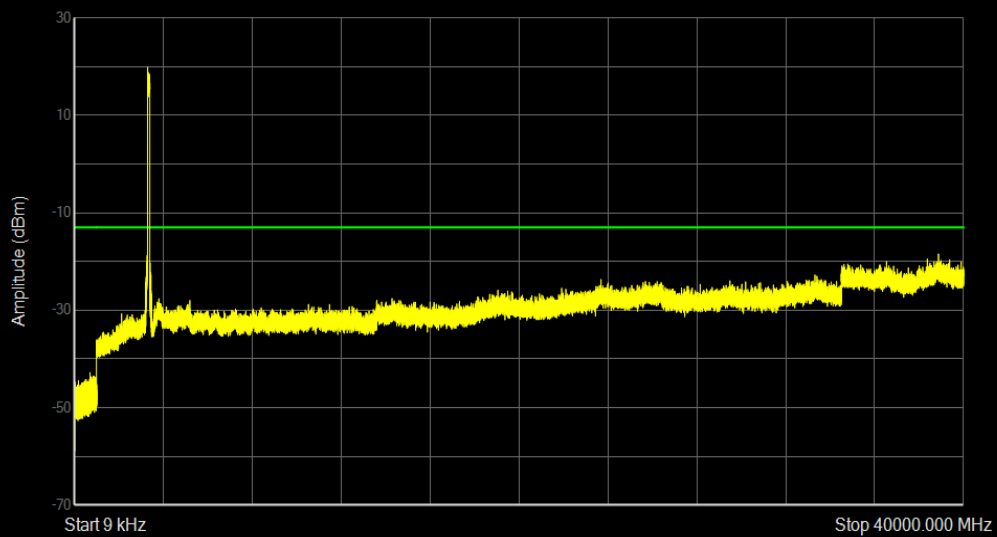


n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272

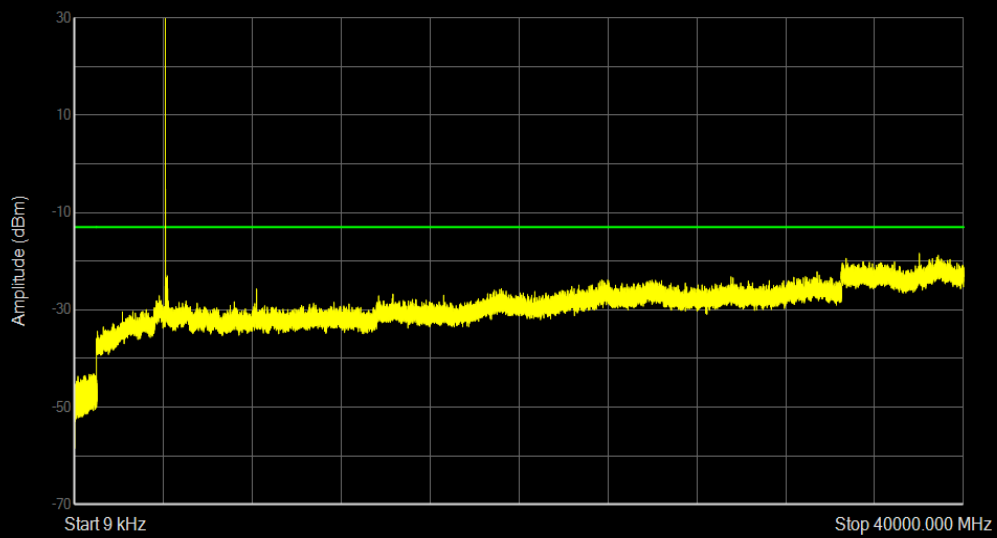


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009849525	-34.8	-13
2	0.15	30	10	0.1544775	-45.3	-13
3	30	1000	100	958.6295	-42.93	-13
4	1000	40000	1000	38882.65	-18.08	-13

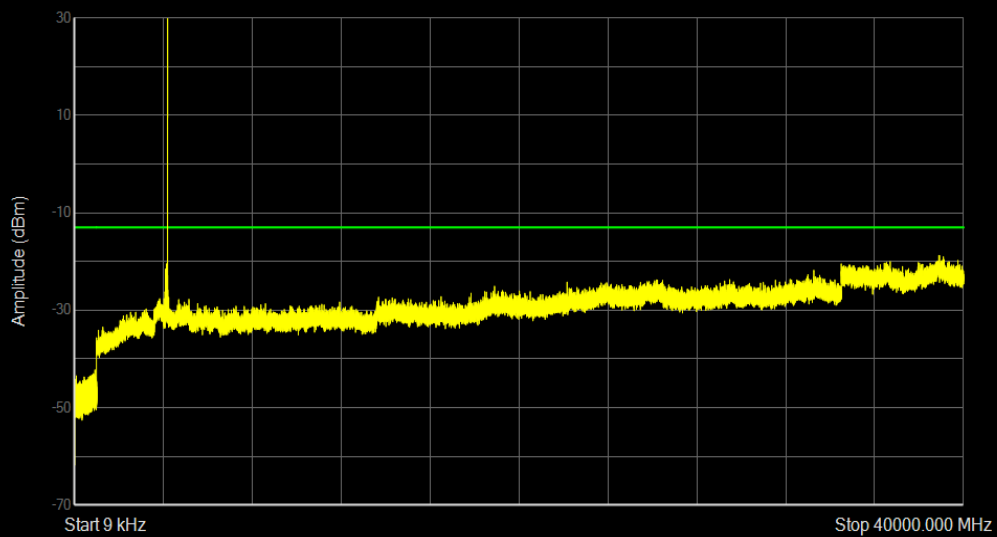
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011640225	-33.73	-13
2	0.15	30	10	0.152985	-46.62	-13
3	30	1000	100	711.10975	-42.78	-13
4	1000	40000	1000	38871.925	-18.47	-13

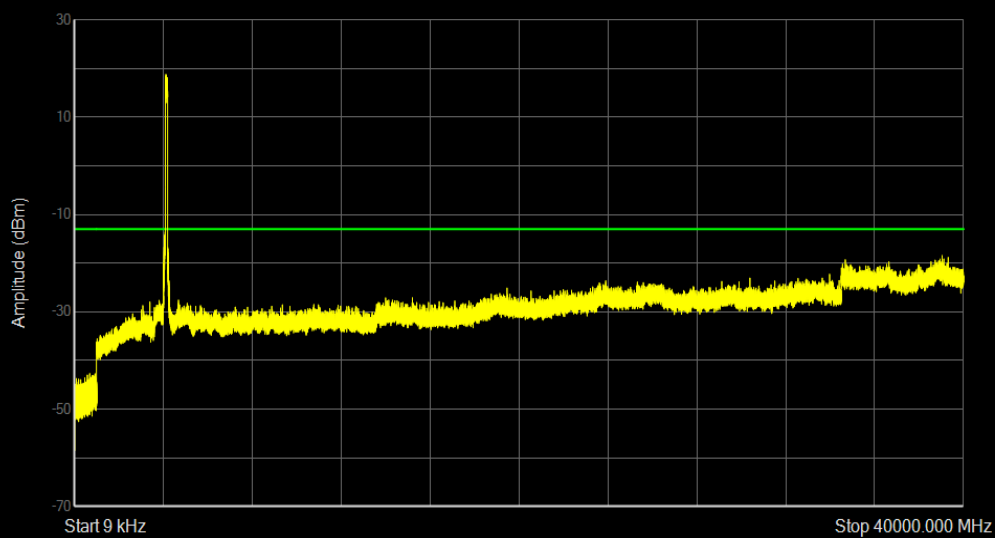
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010082175	-35.12	-13
2	0.15	30	10	0.1992525	-46.79	-13
3	30	1000	100	846.6915	-43.2	-13
4	1000	40000	1000	38010.025	-18.4	-13

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

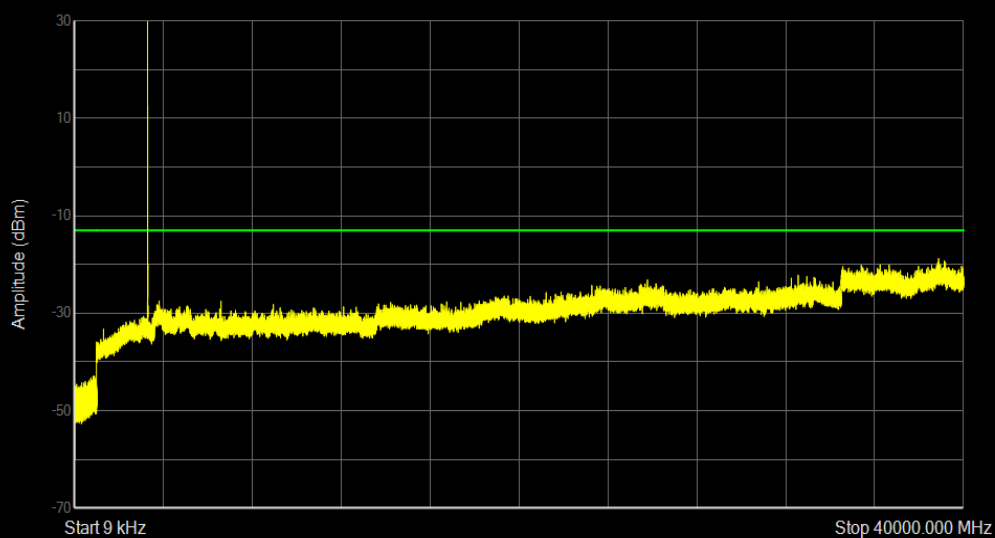
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-34.05	-13
2	0.15	30	10	0.15597	-44.6	-13
3	30	1000	100	931.78475	-42.26	-13
4	1000	40000	1000	38887.525	-18.75	-13

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



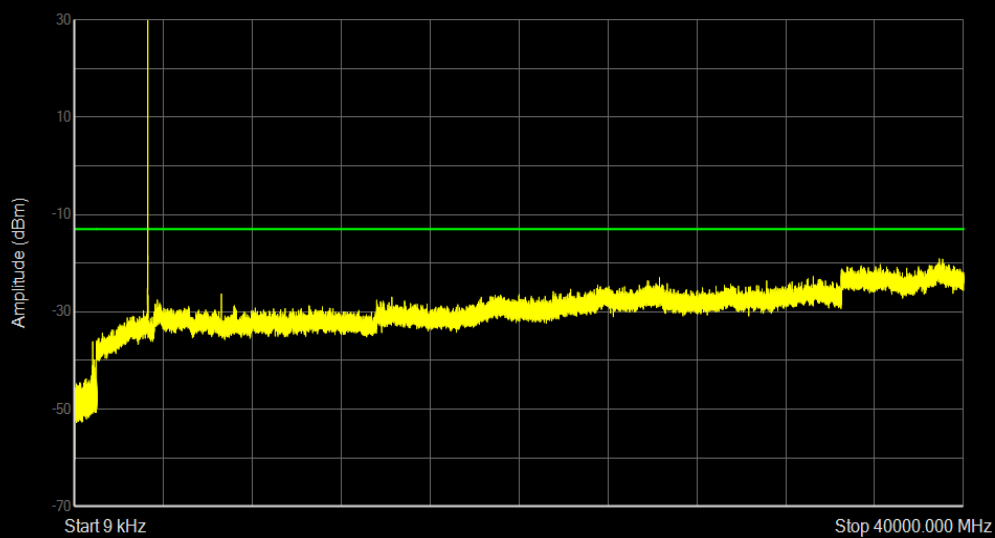
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012345225	-34.97	-13
2	0.15	30	10	0.16865625	-45.57	-13
3	30	1000	100	698.83925	-42.68	-13
4	1000	40000	1000	39036.7	-18.44	-13

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



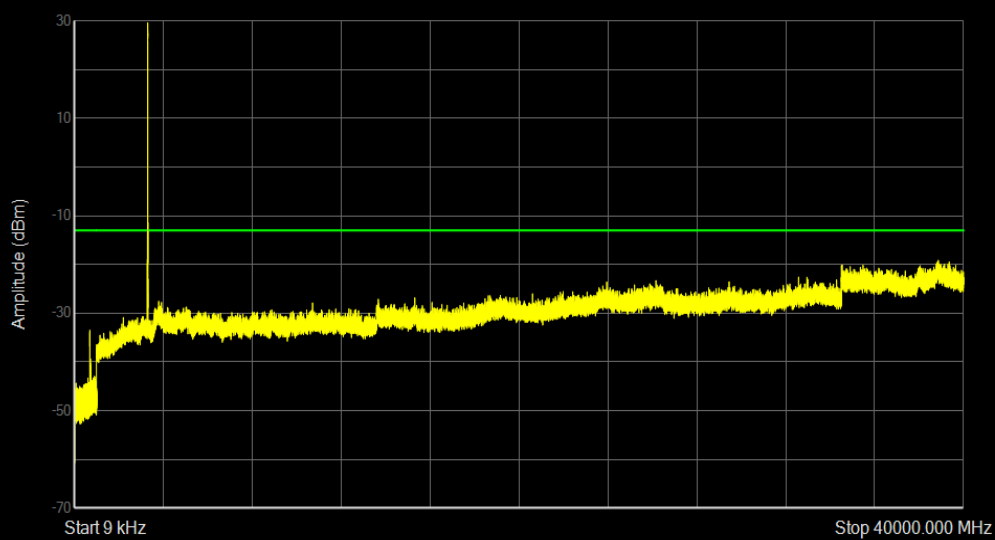
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011026875	-35.98	-13
2	0.15	30	10	0.16716375	-45.52	-13
3	30	1000	100	907.1225	-42.87	-13
4	1000	40000	1000	38876.8	-18.75	-13

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



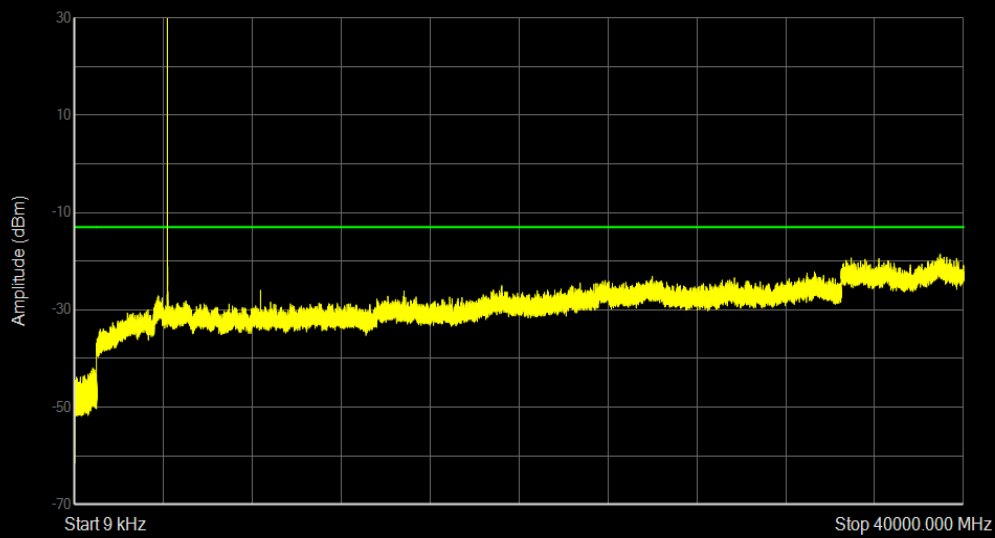
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011499225	-34.4	-13
2	0.15	30	10	0.1813425	-45.47	-13
3	30	1000	100	832.7235	-36.14	-13
4	1000	40000	1000	38909.95	-19.09	-13

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



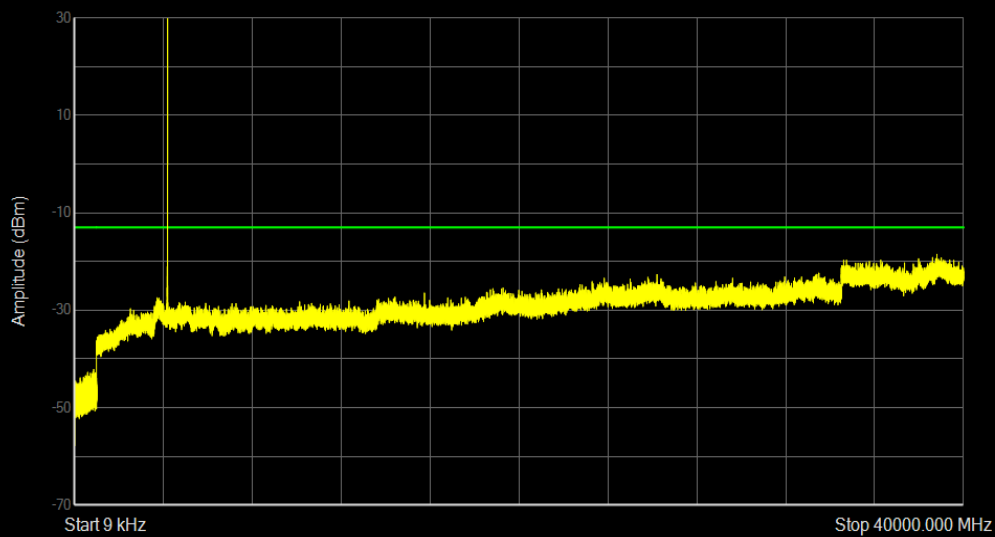
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011266575	-35.44	-13
2	0.15	30	10	0.16567125	-46	-13
3	30	1000	100	705.023	-33.5	-13
4	1000	40000	1000	38863.15	-19.15	-13

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

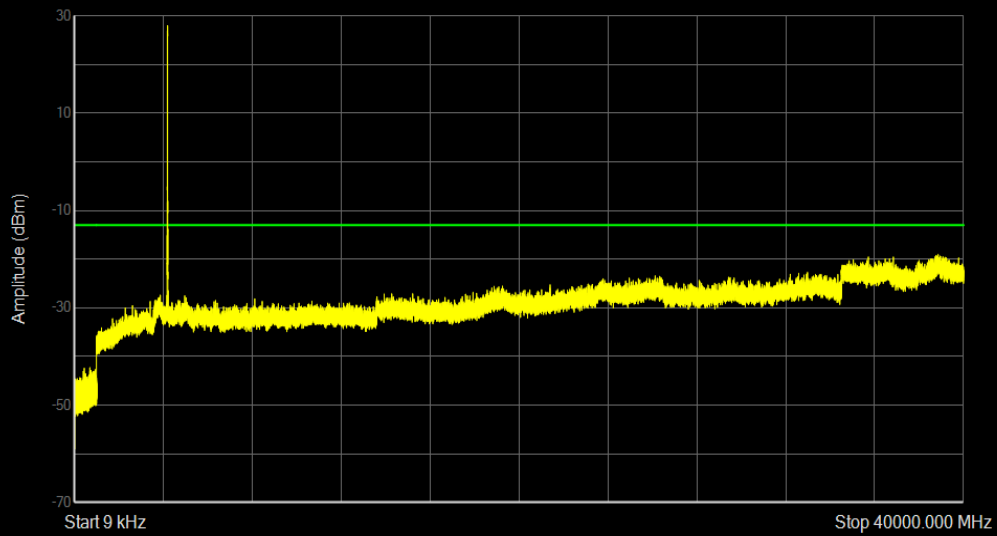


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.018979275	-35.06	-13
2	0.15	30	10	0.15	-46.18	-13
3	30	1000	100	832.31125	-41.98	-13
4	1000	40000	1000	38950.9	-18.57	-13

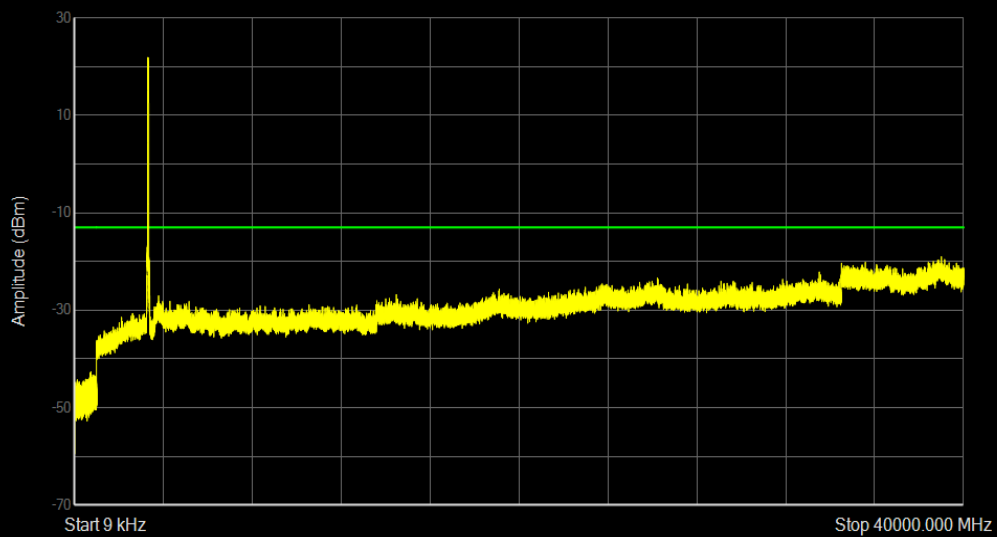
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23



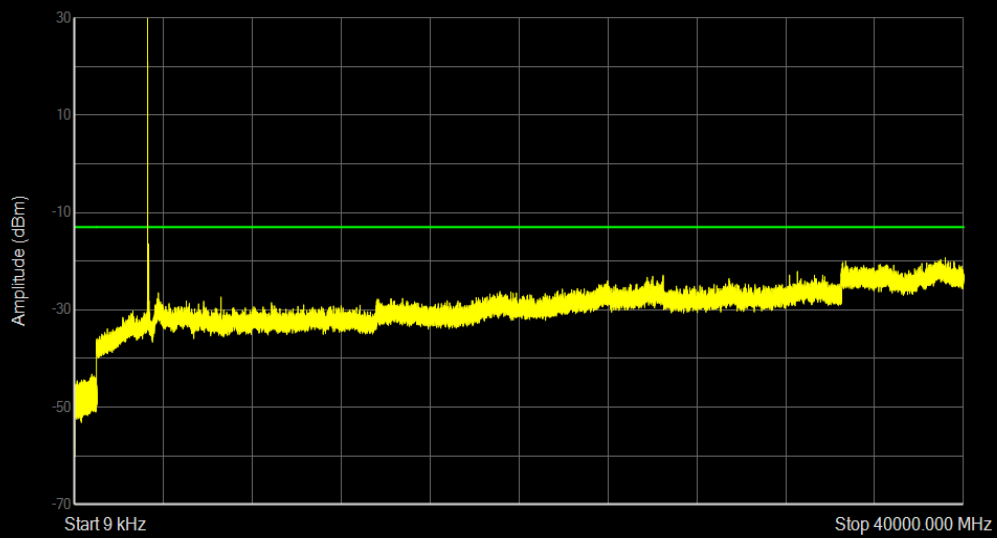
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010124475	-33.52	-13
2	0.15	30	10	0.170895	-45.05	-13
3	30	1000	100	876.81	-42.17	-13
4	1000	40000	1000	38801.725	-18.52	-13

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

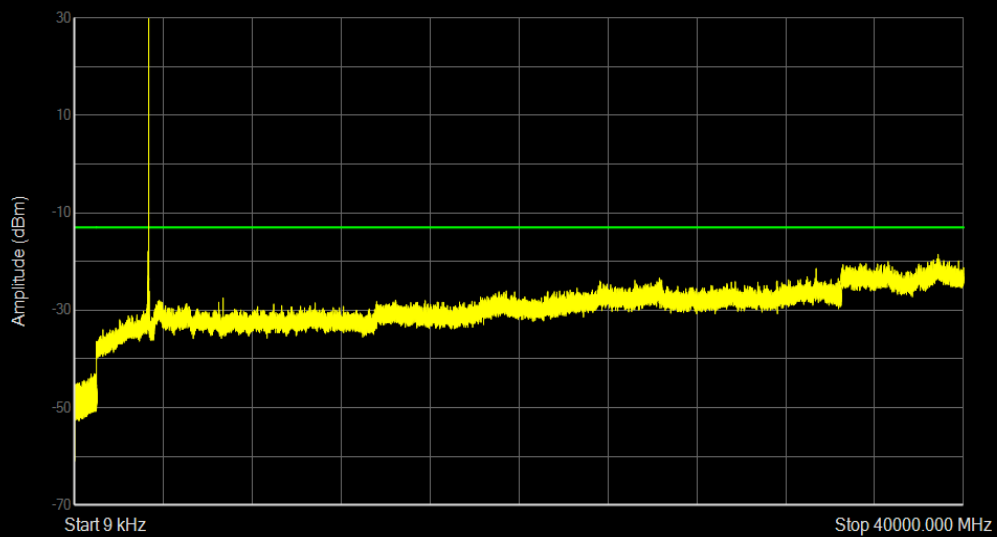
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01031835	-32.47	-13
2	0.15	30	10	0.1604475	-44.39	-13
3	30	1000	100	704.7805	-42.3	-13
4	1000	40000	1000	38857.3	-19.05	-13

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

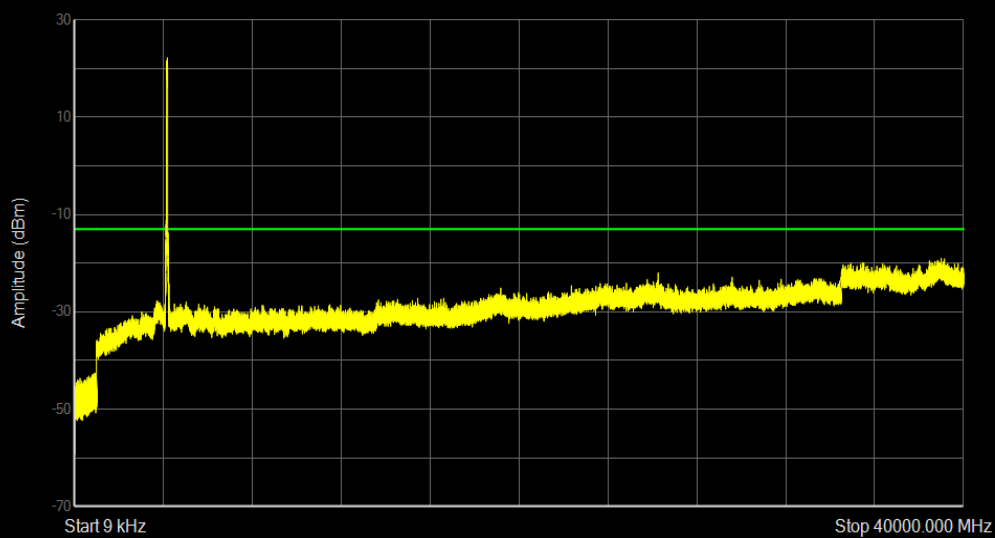
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009849525	-34.71	-13
2	0.15	30	10	0.1753725	-45.56	-13
3	30	1000	100	750.9525	-42.61	-13
4	1000	40000	1000	39003.55	-19.01	-13

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

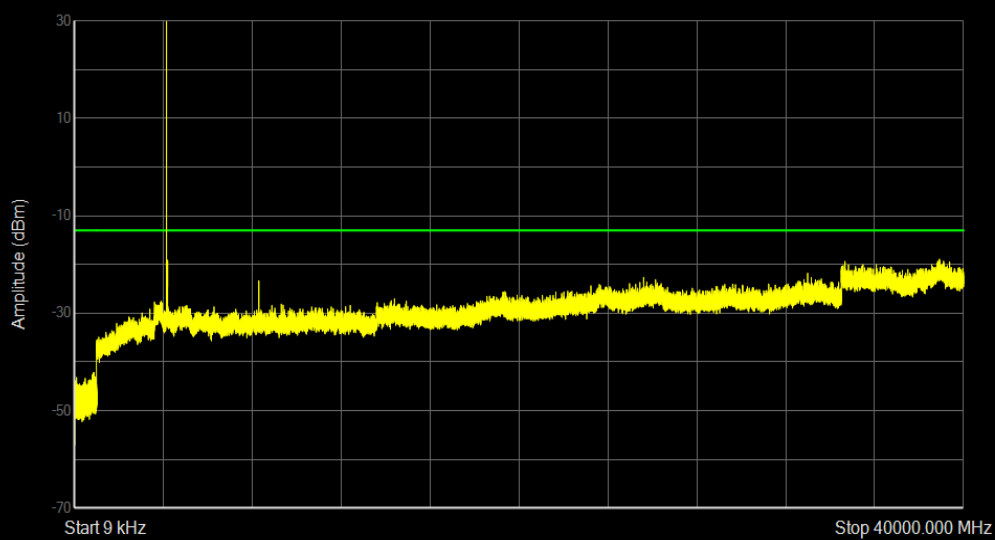
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011767125	-35.63	-13
2	0.15	30	10	0.17164125	-45.14	-13
3	30	1000	100	791.86225	-43.25	-13
4	1000	40000	1000	39179.05	-19.29	-13

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	0.015609375	-34.99	-13
2	0.15	30	10	0.15597	-45.42	-13
3	30	1000	100	907.947	-43.05	-13
4	1000	40000	1000	38853.4	-18.56	-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	0.01253205	-34.46	-13
2	0.15	30	10	0.164925	-44.82	-13
3	30	1000	100	944.613	-42.61	-13
4	1000	40000	1000	38997.7	-18.99	-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	0.01076955	-35.37	-13
2	0.15	30	10	0.15671625	-45.82	-13
3	30	1000	100	901.545	-42.19	-13
4	1000	40000	1000	38912.875	-18.91	-13

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

