



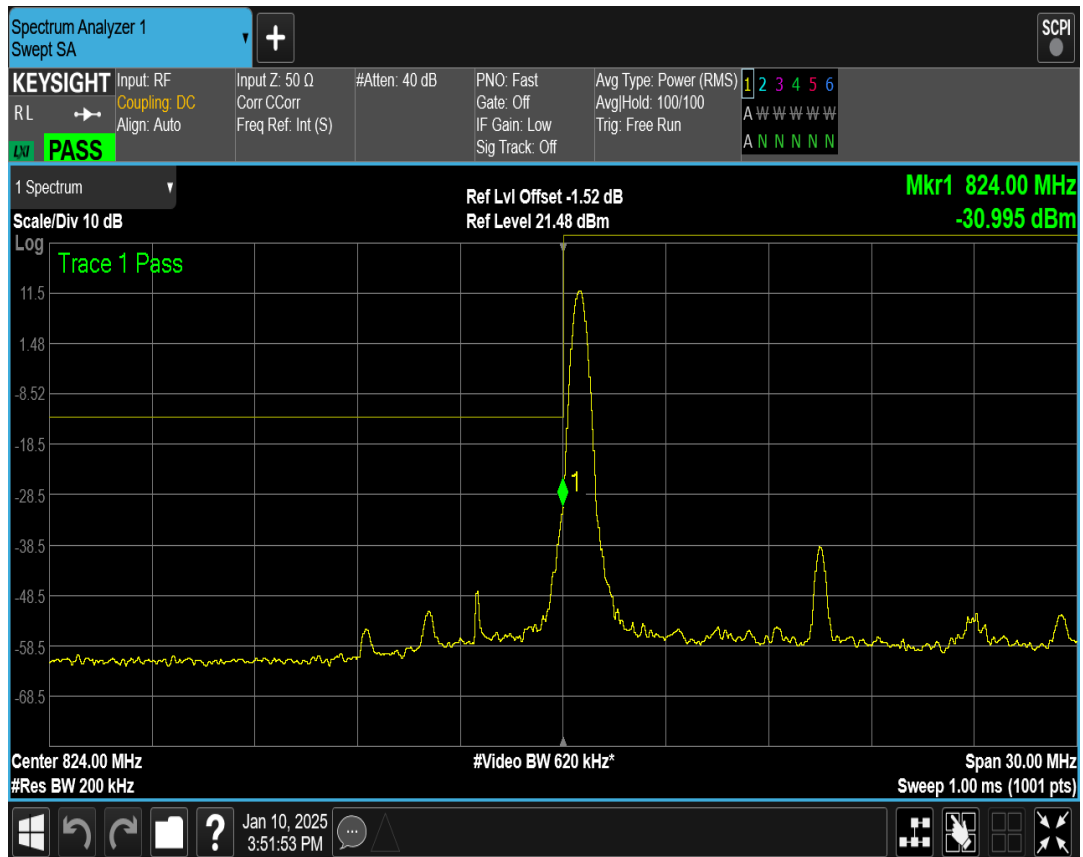
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=25@0



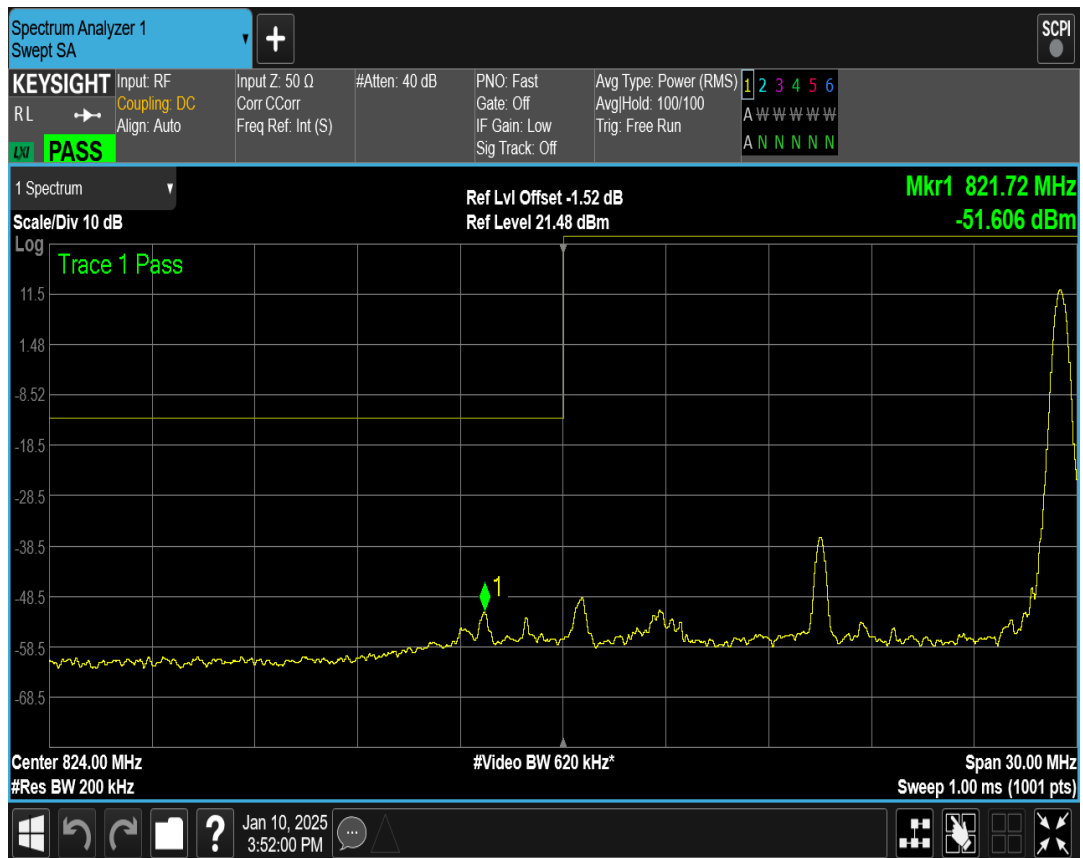
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	25@0	CP_QPSK	824.00	-42.43	-13	PASS
n5	15	5	165300	1@0	CP_QPSK	824.00	-13.62	-13	PASS
n5	15	5	165300	1@24	CP_QPSK	821.43	-52.57	-13	PASS
n5	15	5	169300	25@0	CP_QPSK	849.00	-43.75	-13	PASS
n5	15	5	169300	1@0	CP_QPSK	851.57	-53.78	-13	PASS
n5	15	5	169300	1@24	CP_QPSK	849.00	-15.31	-13	PASS
n5	15	15	166300	79@0	CP_QPSK	823.07	-42.38	-13	PASS
n5	15	15	166300	1@0	CP_QPSK	824.00	-30.99	-13	PASS
n5	15	15	166300	1@78	CP_QPSK	821.72	-51.60	-13	PASS
n5	15	15	168300	79@0	CP_QPSK	849.00	-42.82	-13	PASS
n5	15	15	168300	1@0	CP_QPSK	851.34	-53.32	-13	PASS
n5	15	15	168300	1@78	CP_QPSK	849.00	-25.93	-13	PASS
n5	15	20	166800	106@0	CP_QPSK	823.40	-42.11	-13	PASS
n5	15	20	166800	1@0	CP_QPSK	824.00	-27.58	-13	PASS
n5	15	20	166800	1@105	CP_QPSK	820.08	-54.21	-13	PASS
n5	15	20	167800	106@0	CP_QPSK	849.44	-44.10	-13	PASS
n5	15	20	167800	1@0	CP_QPSK	852.92	-54.56	-13	PASS
n5	15	20	167800	1@105	CP_QPSK	849.00	-26.48	-13	PASS

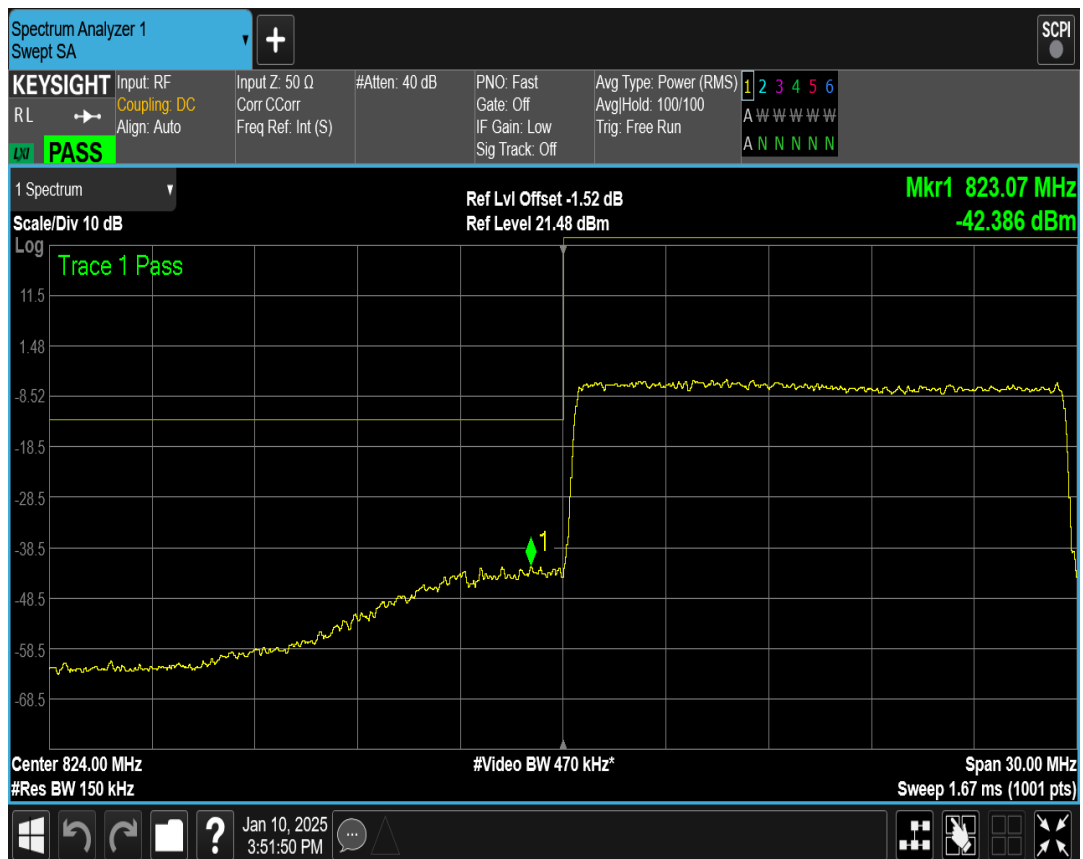
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@0



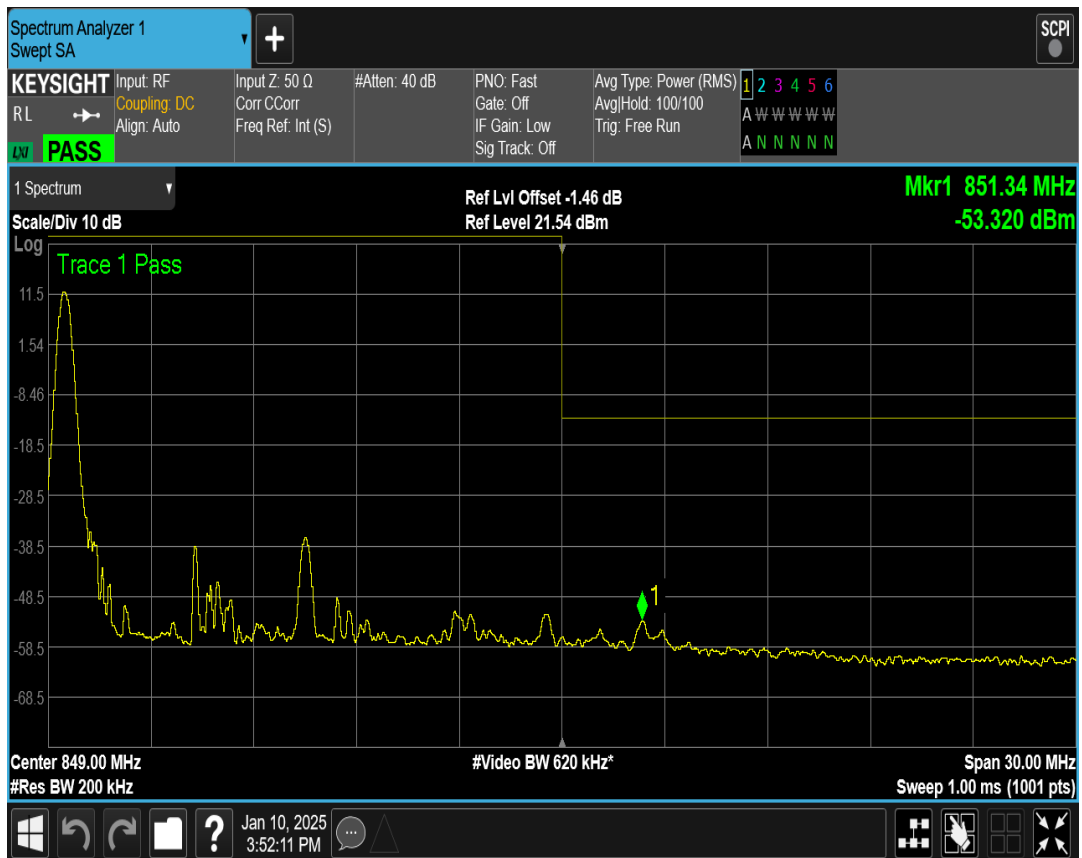
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@78



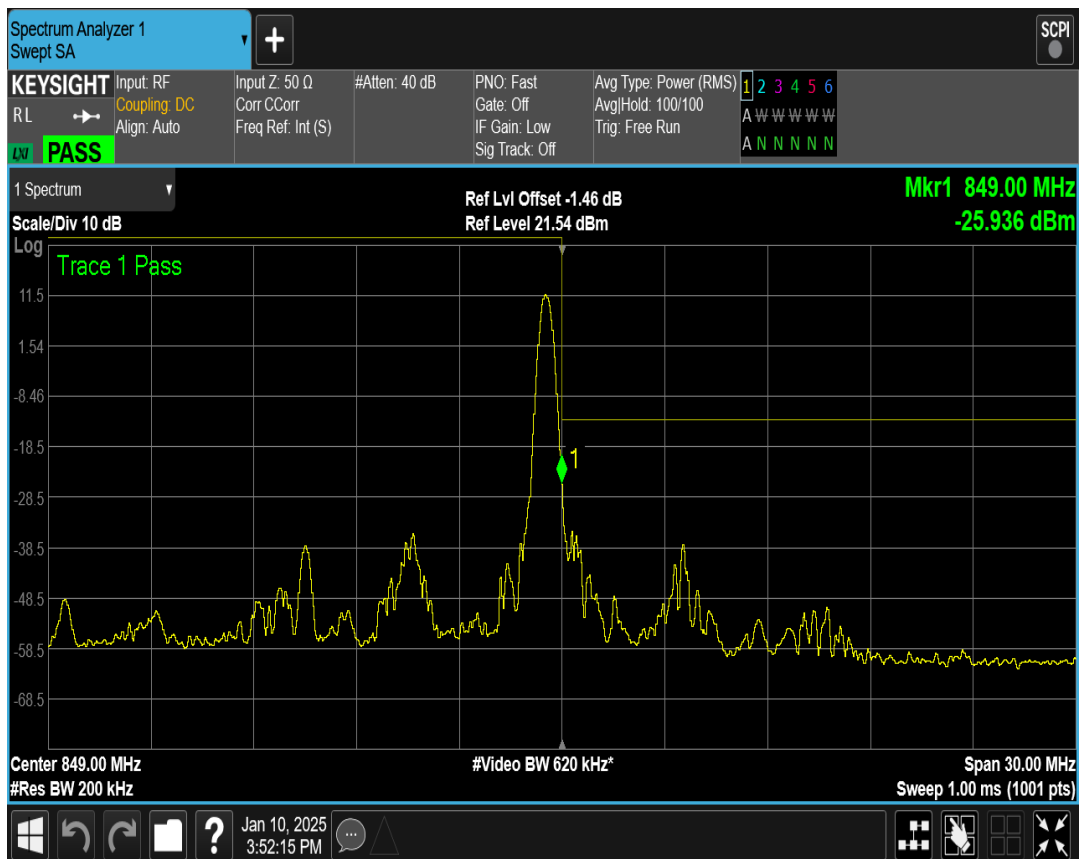
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=79@0



n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@0



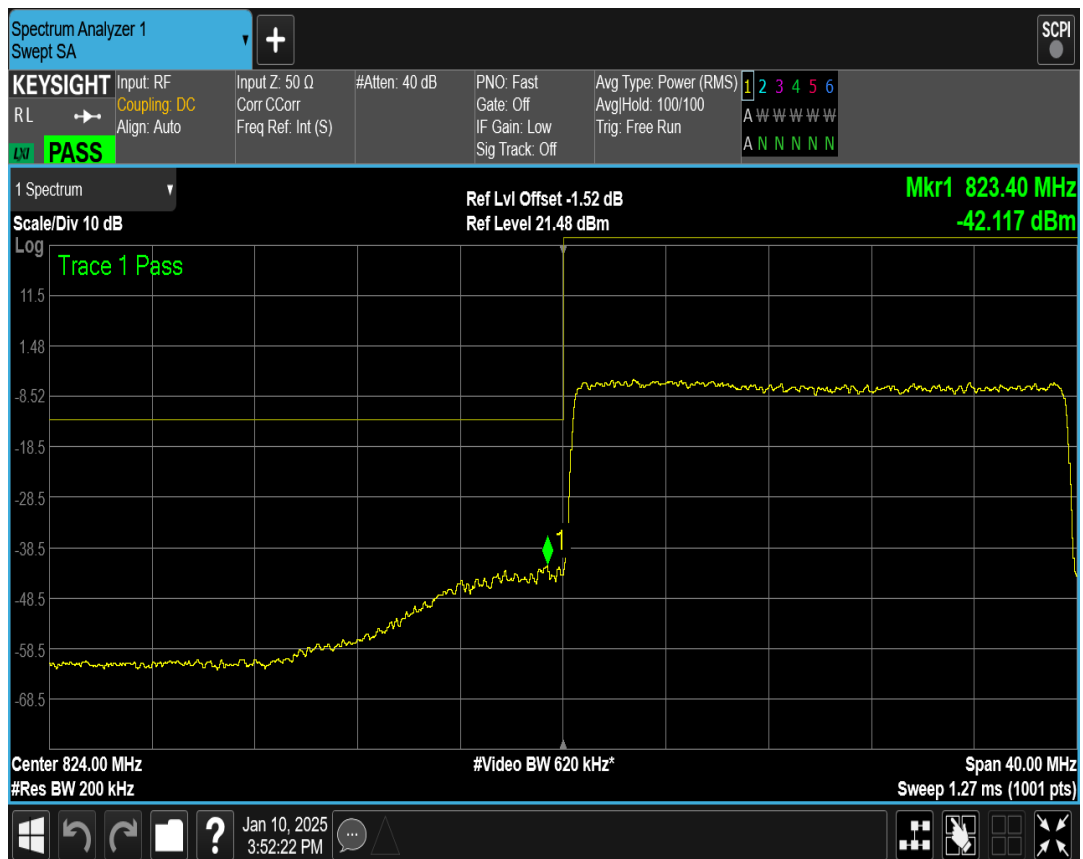
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@78



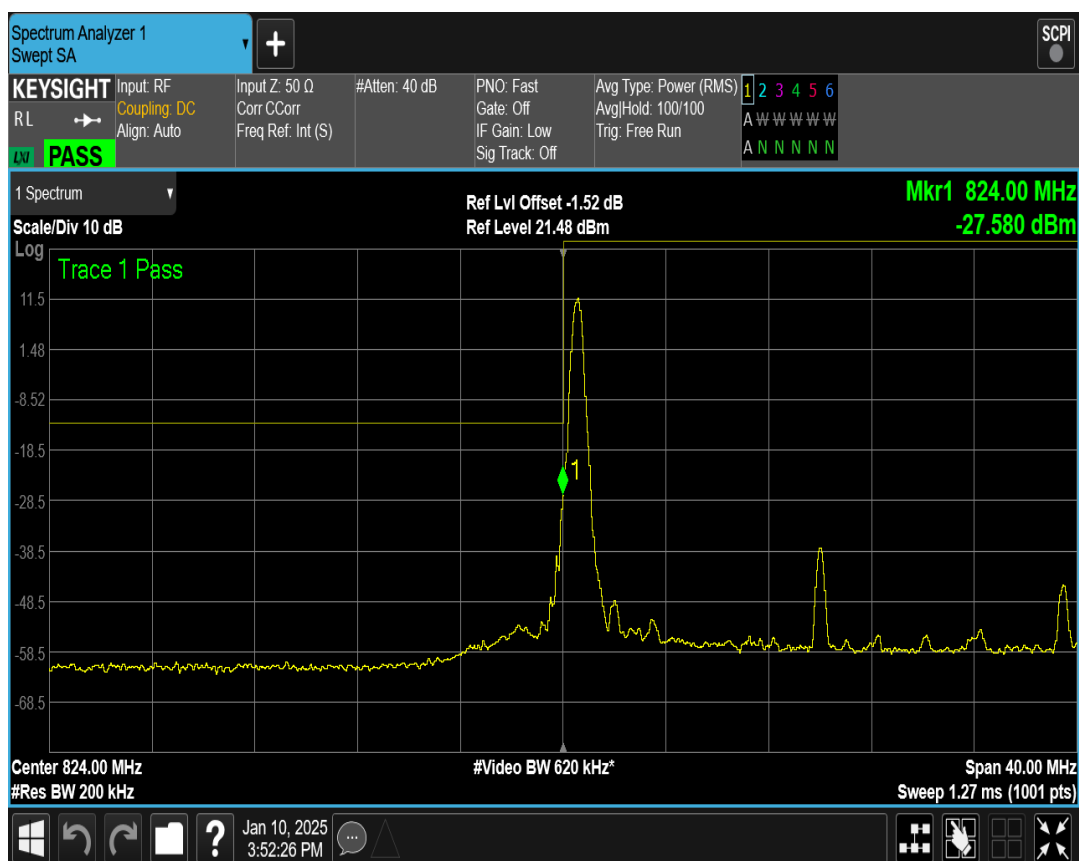
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=79@0



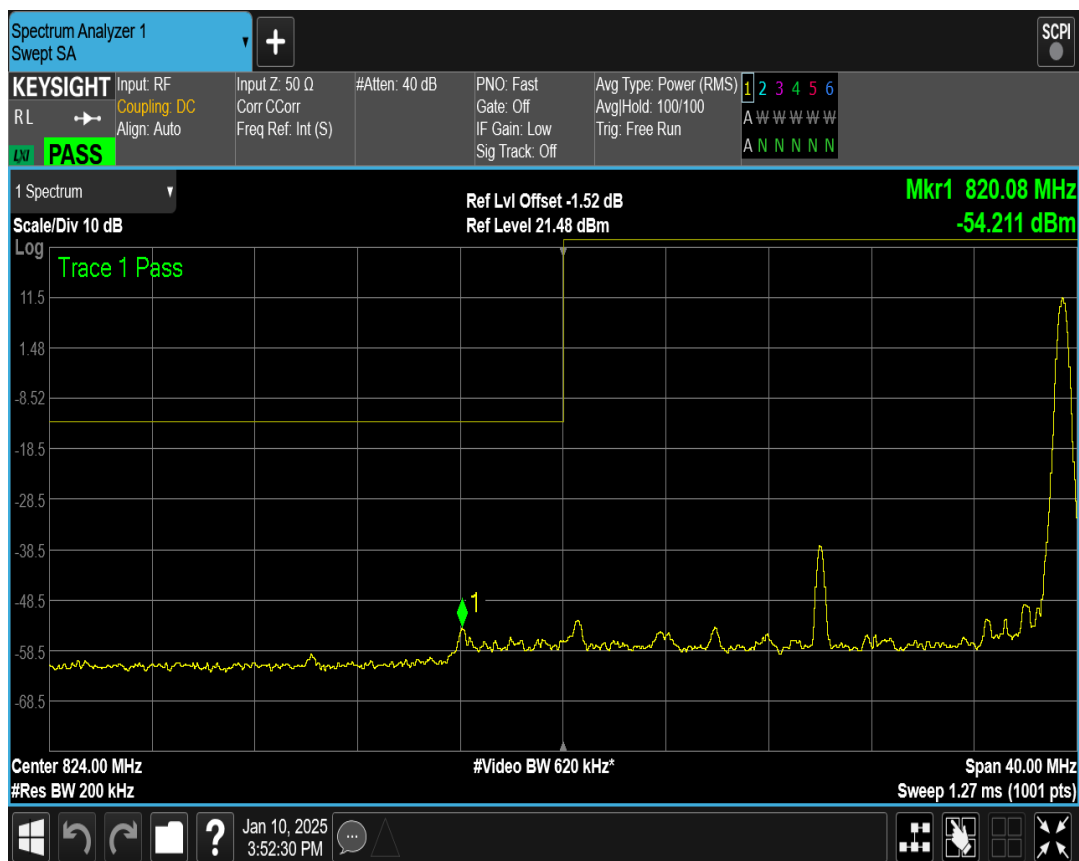
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=106@0



n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@0



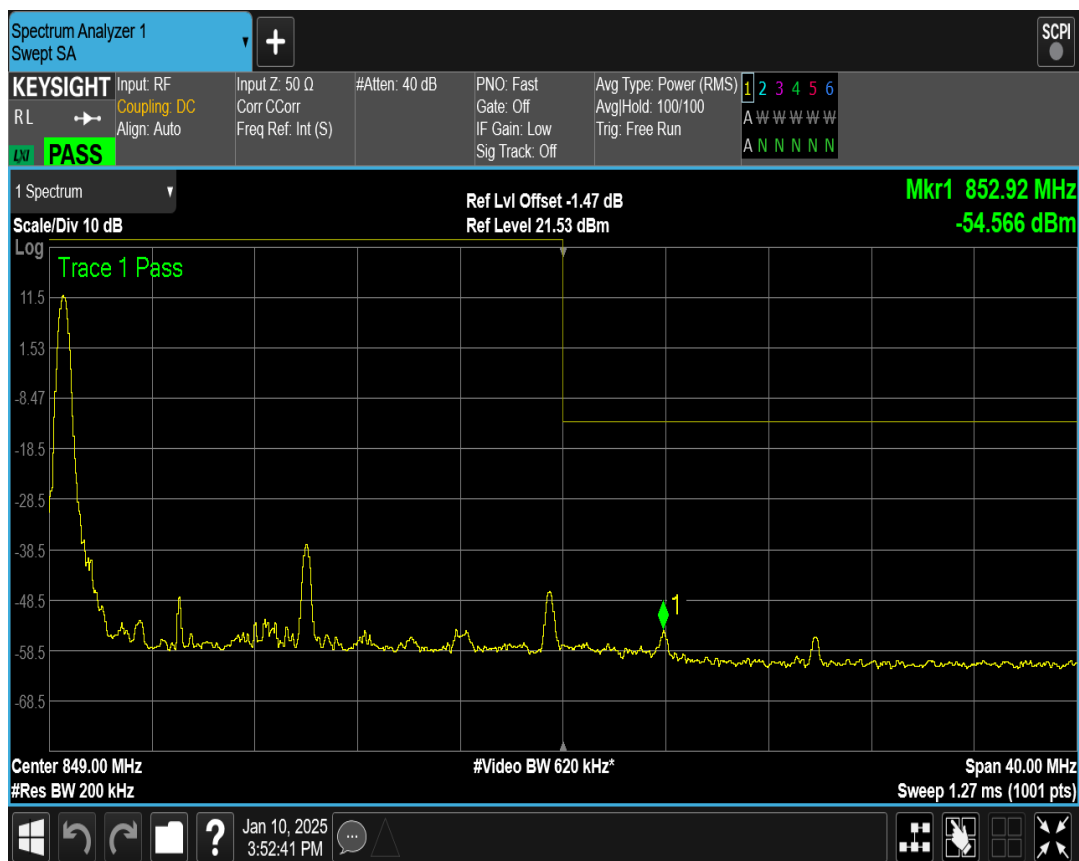
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@105



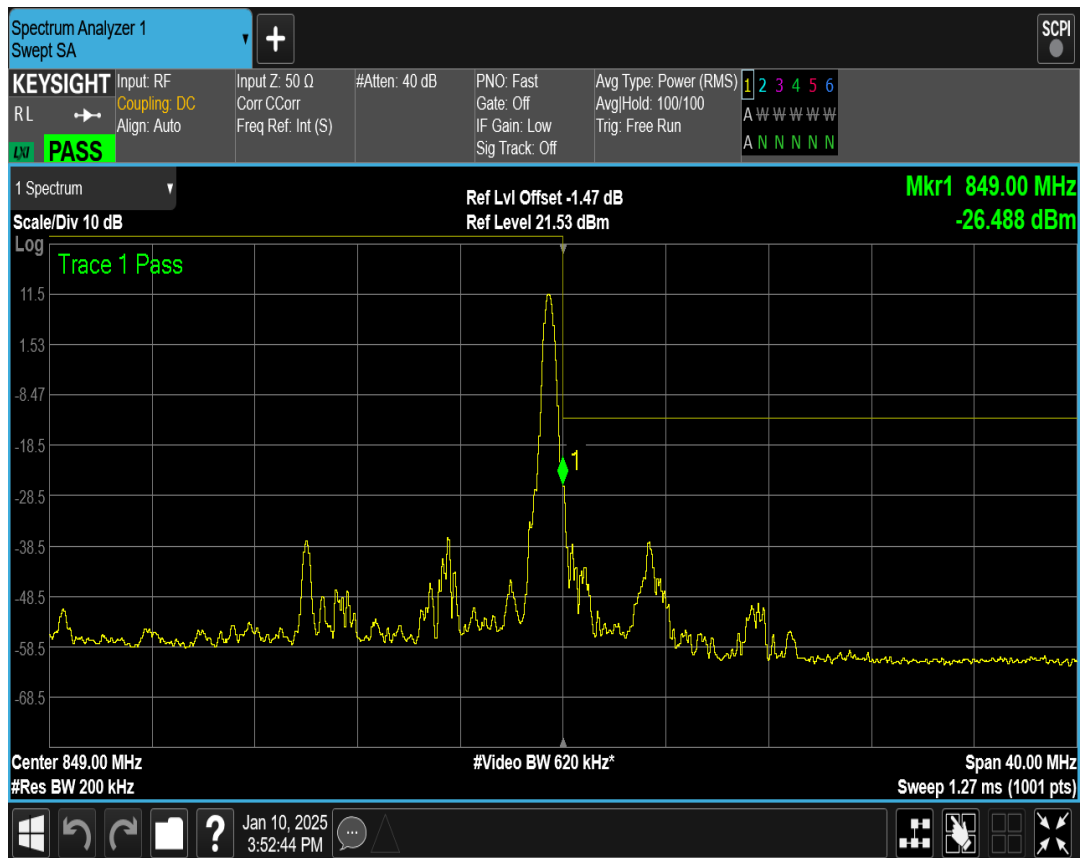
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=106@0



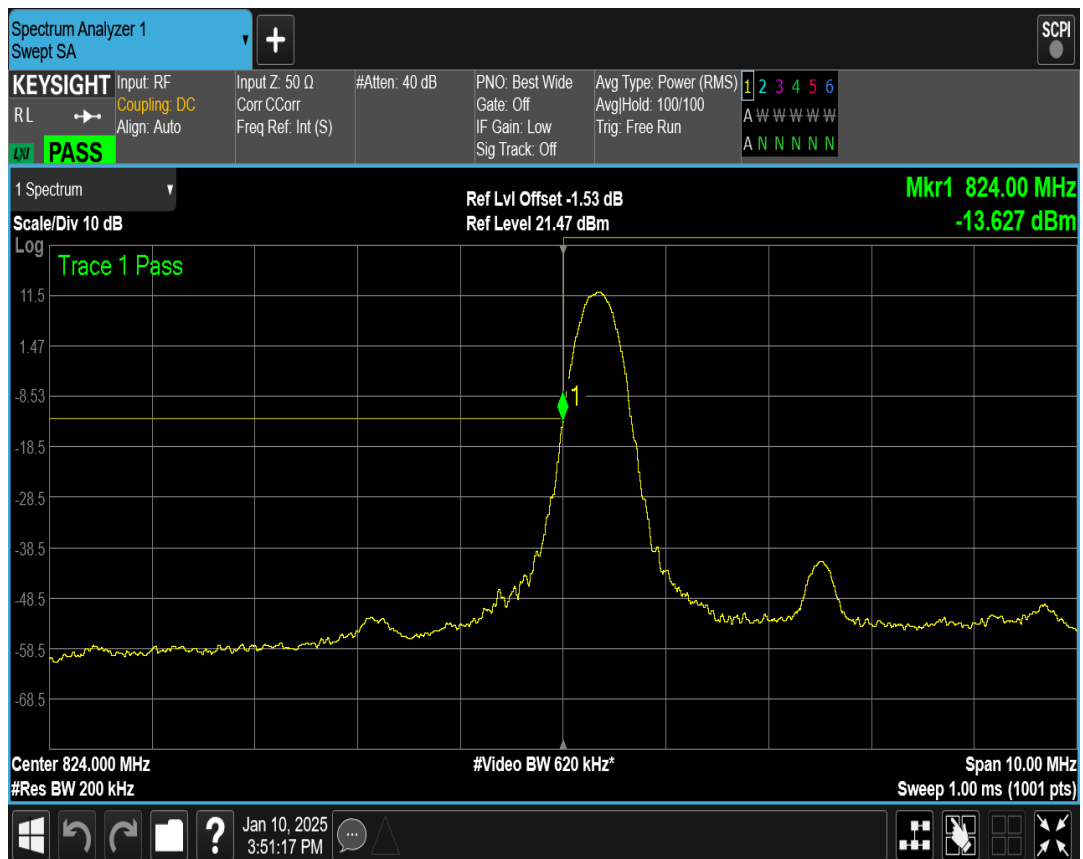
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@0



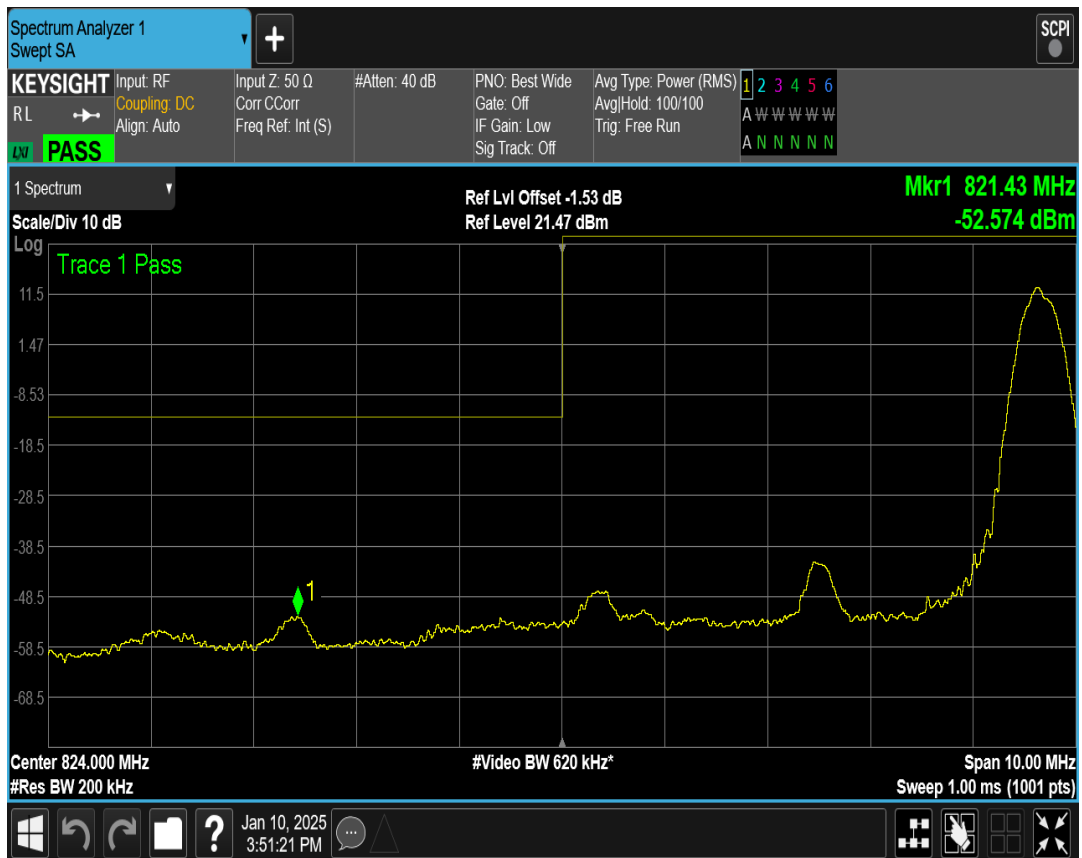
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@105



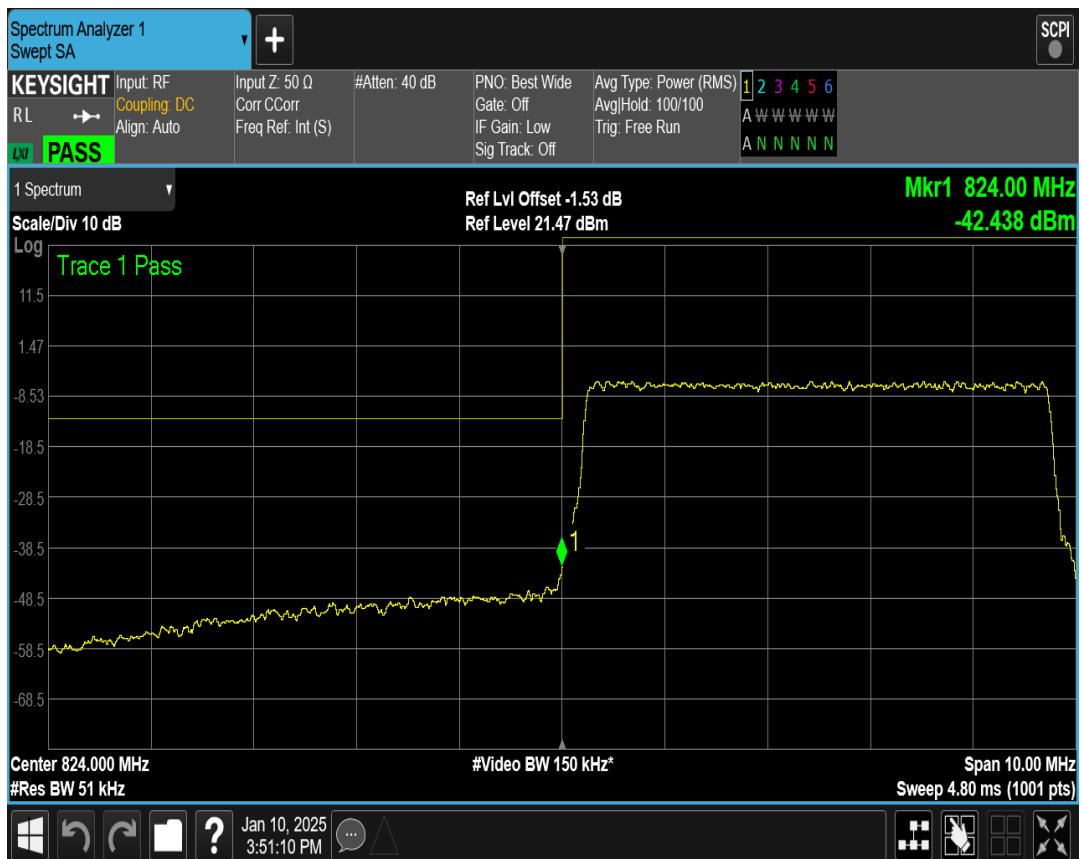
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@0



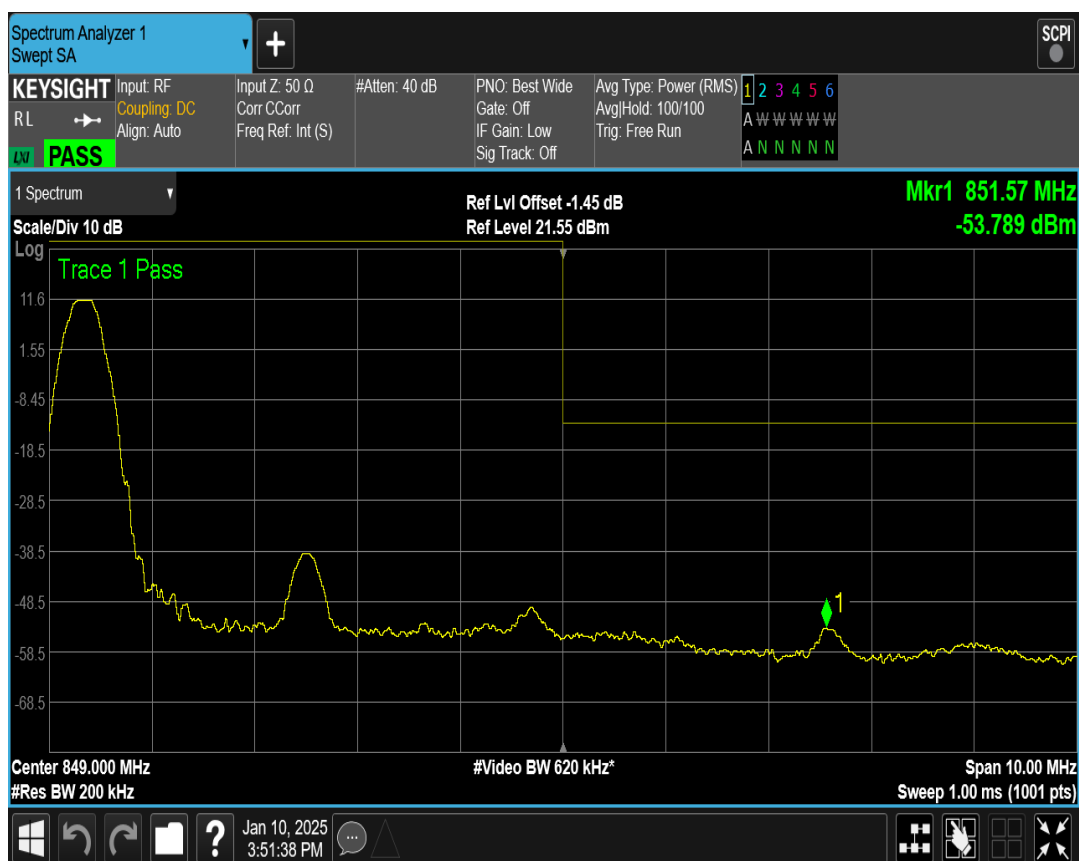
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@24



n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=25@0



n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=1@0



n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=1@24



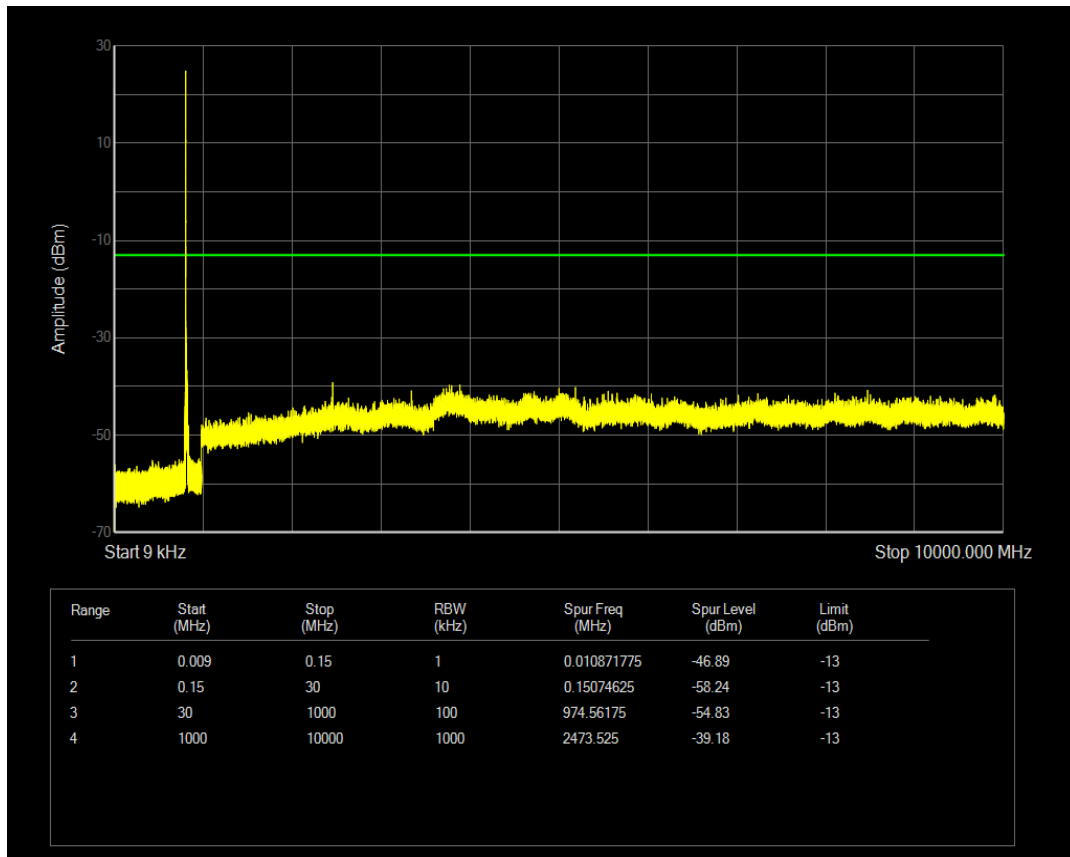
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=25@0



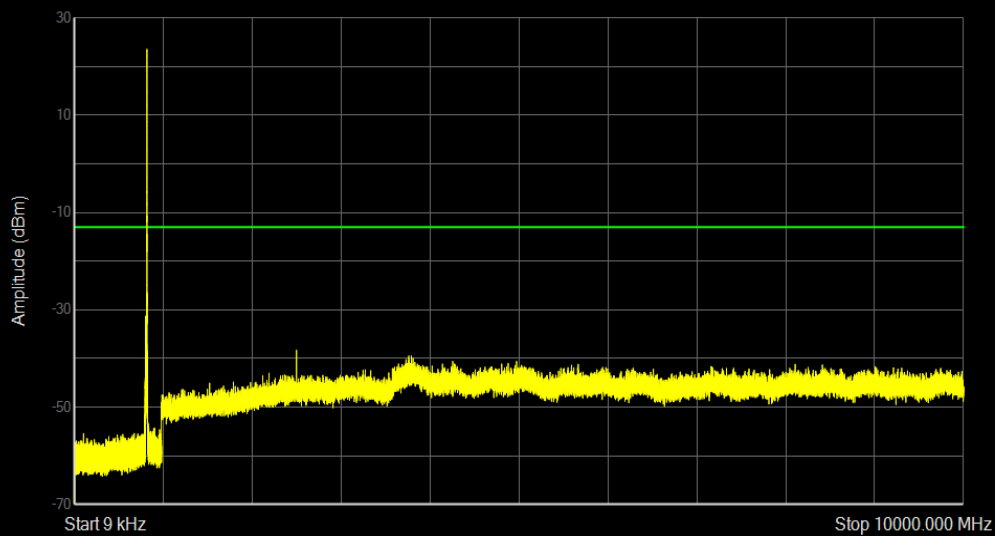
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	25@0	CP_QPSK	3692.58	-39.86	-13	PASS
n5	15	5	165300	1@0	CP_QPSK	3401.65	-31.27	-13	PASS
n5	15	5	165300	1@24	CP_QPSK	3402.10	-29.49	-13	PASS
n5	15	5	169300	25@0	CP_QPSK	3852.78	-39.91	-13	PASS
n5	15	5	169300	1@0	CP_QPSK	4699.90	-39.86	-13	PASS
n5	15	5	169300	1@24	CP_QPSK	3745.23	-39.79	-13	PASS
n5	15	15	166300	79@0	CP_QPSK	3670.53	-39.89	-13	PASS
n5	15	15	166300	1@0	CP_QPSK	2473.53	-39.18	-13	PASS
n5	15	15	166300	1@78	CP_QPSK	2515.83	-38.31	-13	PASS
n5	15	15	168300	79@0	CP_QPSK	3857.73	-39.70	-13	PASS
n5	15	15	168300	1@0	CP_QPSK	4962.25	-39.26	-13	PASS
n5	15	15	168300	1@78	CP_QPSK	3904.75	-39.53	-13	PASS
n5	15	20	166800	106@0	CP_QPSK	3795.85	-40.45	-13	PASS
n5	15	20	166800	1@0	CP_QPSK	2473.75	-39.74	-13	PASS
n5	15	20	166800	1@105	CP_QPSK	3764.58	-39.86	-13	PASS
n5	15	20	167800	106@0	CP_QPSK	3809.80	-40.22	-13	PASS
n5	15	20	167800	1@0	CP_QPSK	2488.83	-39.50	-13	PASS
n5	15	20	167800	1@105	CP_QPSK	3718.45	-39.98	-13	PASS

n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@0

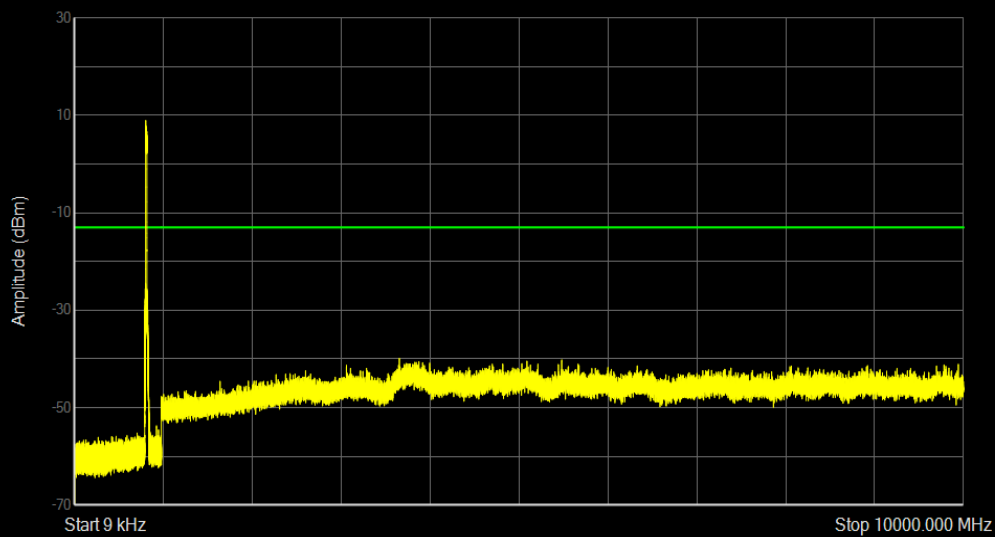


n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@78

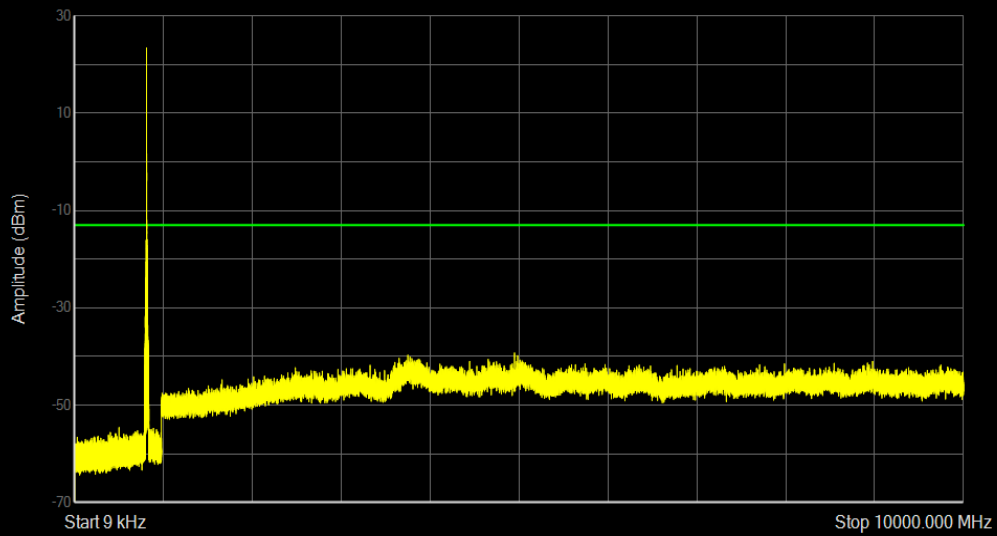


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0117354	-45.15	-13
2	0.15	30	10	0.1902975	-57.67	-13
3	30	1000	100	924.825	-54.37	-13
4	1000	10000	1000	2515.825	-38.31	-13

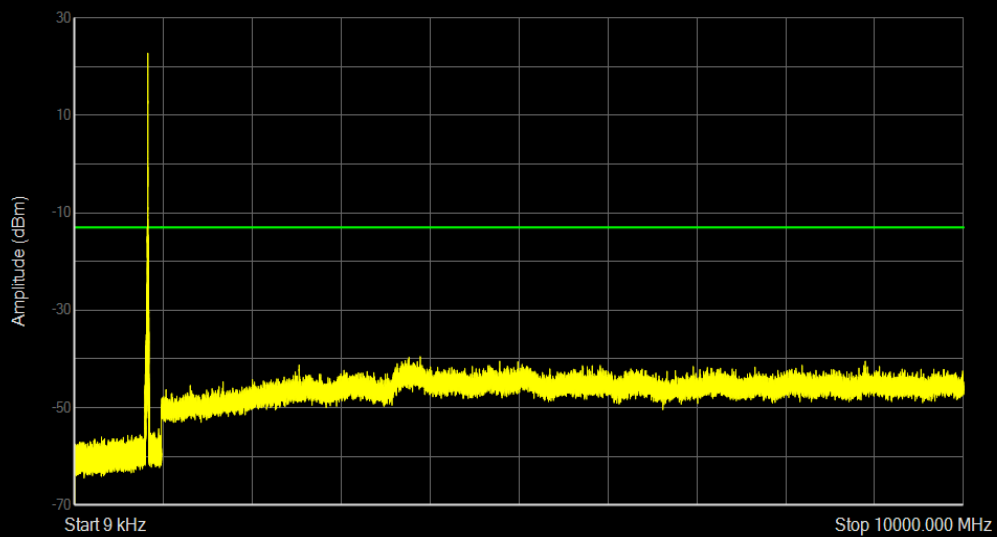
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=79@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.016413075	-46.01	-13
2	0.15	30	10	0.15074625	-54.78	-13
3	30	1000	100	945.70425	-53.74	-13
4	1000	10000	1000	3670.525	-39.89	-13

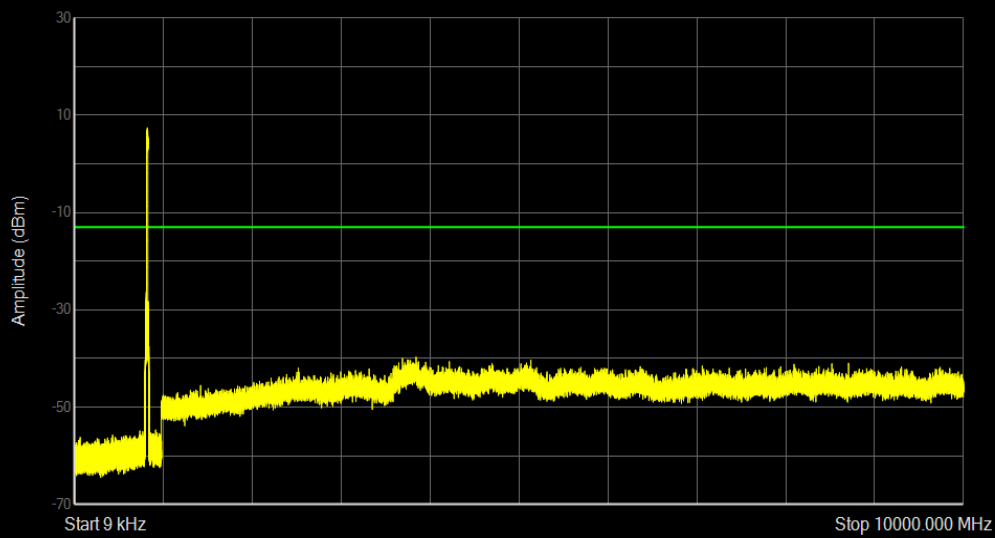
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00997995	-47.45	-13
2	0.15	30	10	0.1544775	-56.21	-13
3	30	1000	100	526.17925	-54.6	-13
4	1000	10000	1000	4962.25	-39.26	-13

n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@78

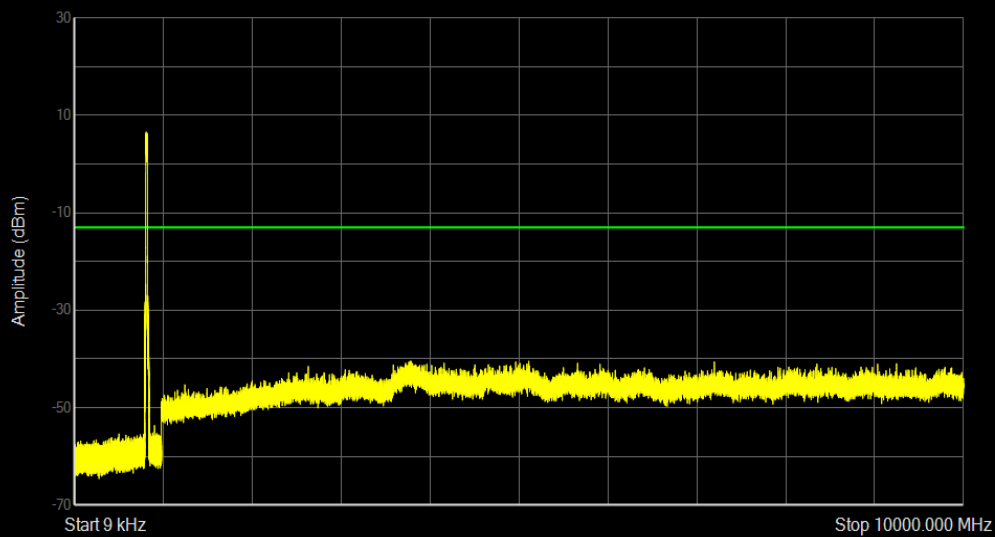
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.016772625	-46.67	-13
2	0.15	30	10	0.1873125	-58.21	-13
3	30	1000	100	970.2695	-54.35	-13
4	1000	10000	1000	3904.75	-39.53	-13

n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=79@0



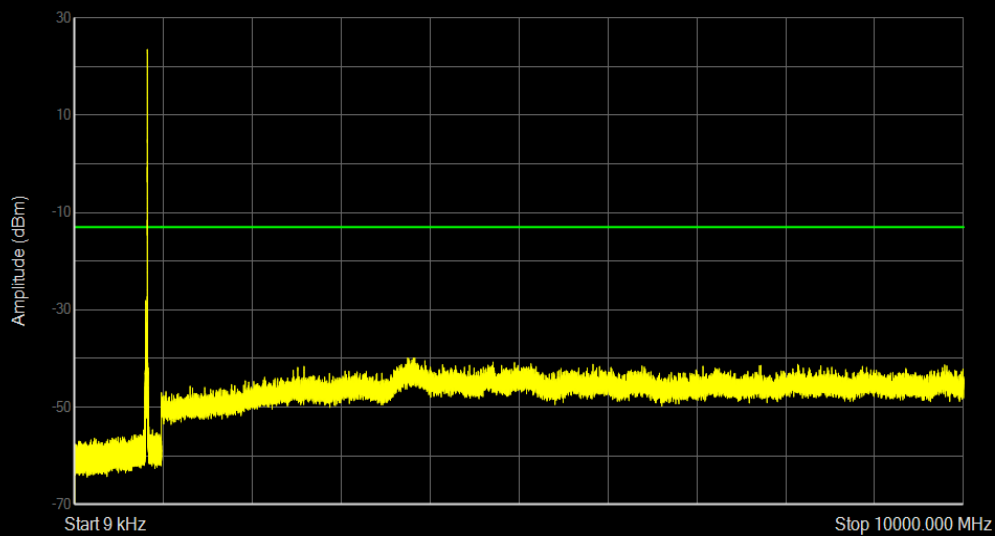
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011538	-46.42	-13
2	0.15	30	10	0.1544775	-56.89	-13
3	30	1000	100	935.5435	-54.69	-13
4	1000	10000	1000	3857.725	-39.7	-13

n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=106@0



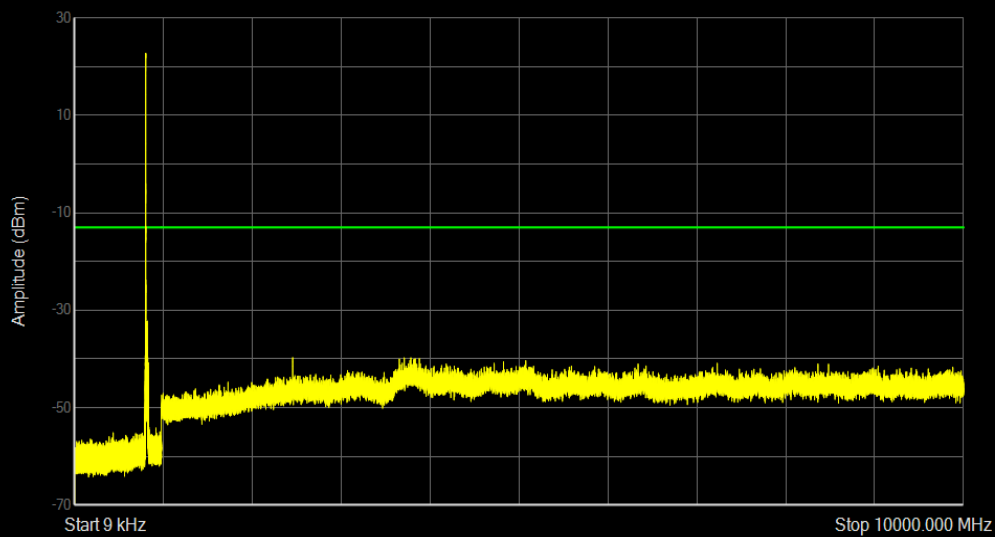
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013029075	-45.68	-13
2	0.15	30	10	0.1514925	-55.79	-13
3	30	1000	100	946.77125	-55.32	-13
4	1000	10000	1000	3795.85	-40.45	-13

n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@105



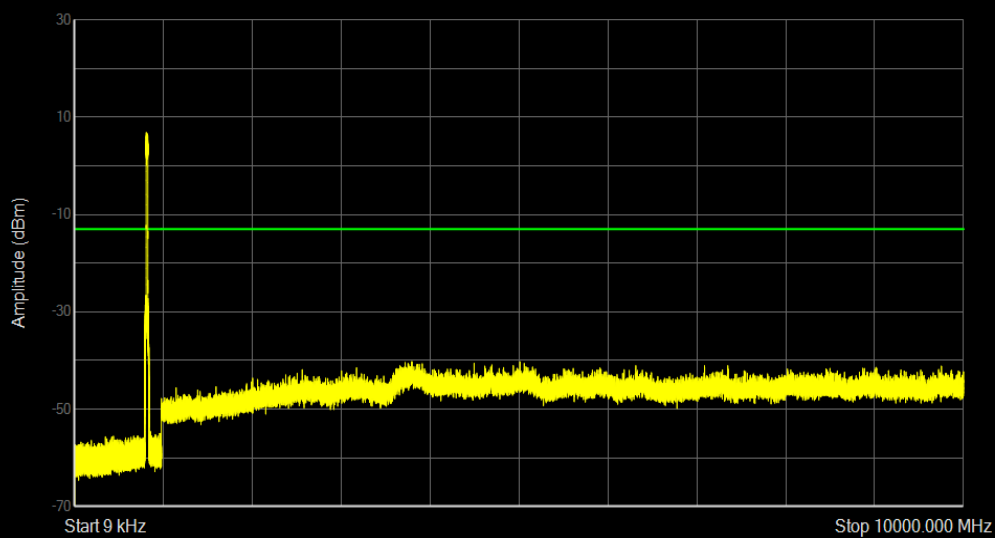
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0113829	-47.07	-13
2	0.15	30	10	0.15	-57.39	-13
3	30	1000	100	949.63275	-55.25	-13
4	1000	10000	1000	3764.575	-39.86	-13

n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@0



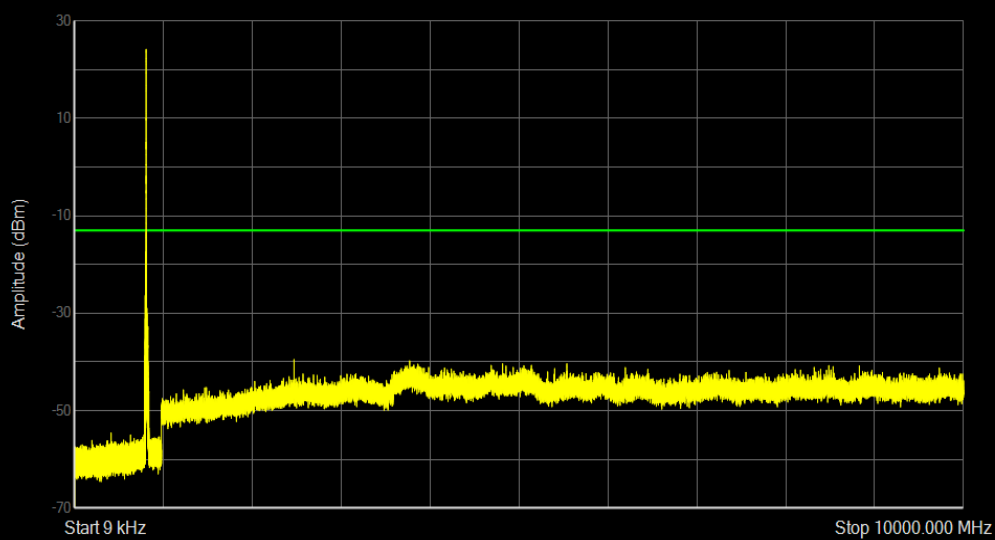
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.34	-13
2	0.15	30	10	0.15671625	-57.58	-13
3	30	1000	100	939.88425	-54.18	-13
4	1000	10000	1000	2473.75	-39.74	-13

n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=106@0



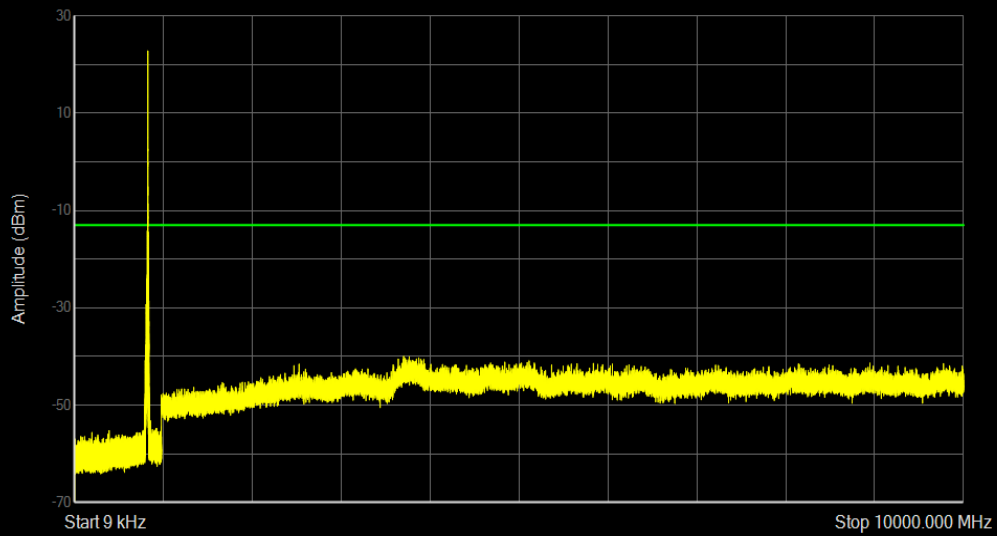
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012147825	-46.73	-13
2	0.15	30	10	0.15522375	-57.07	-13
3	30	1000	100	991.464	-54.98	-13
4	1000	10000	1000	3809.8	-40.22	-13

n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@0



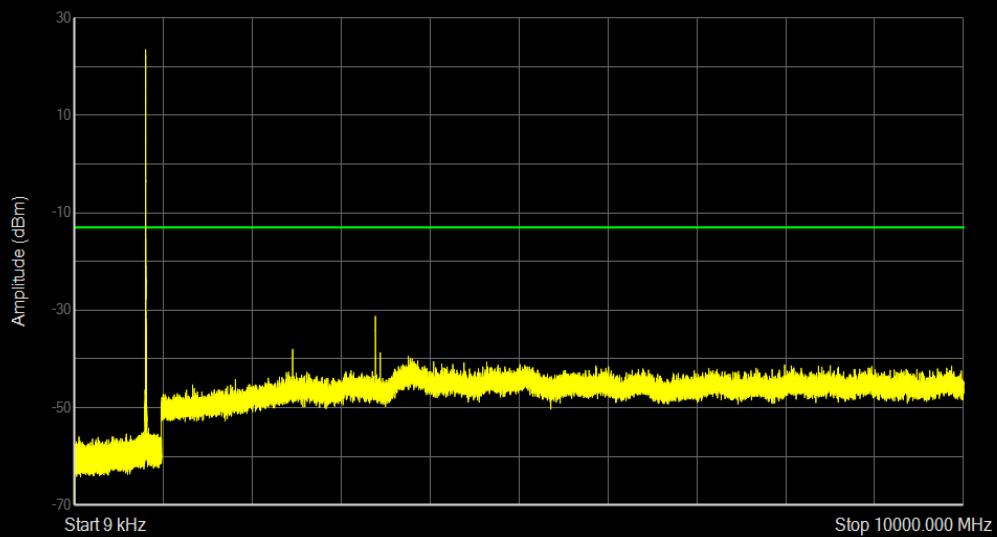
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010321875	-46.31	-13
2	0.15	30	10	0.1544775	-58.39	-13
3	30	1000	100	436.527	-54.59	-13
4	1000	10000	1000	2488.825	-39.5	-13

n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@105

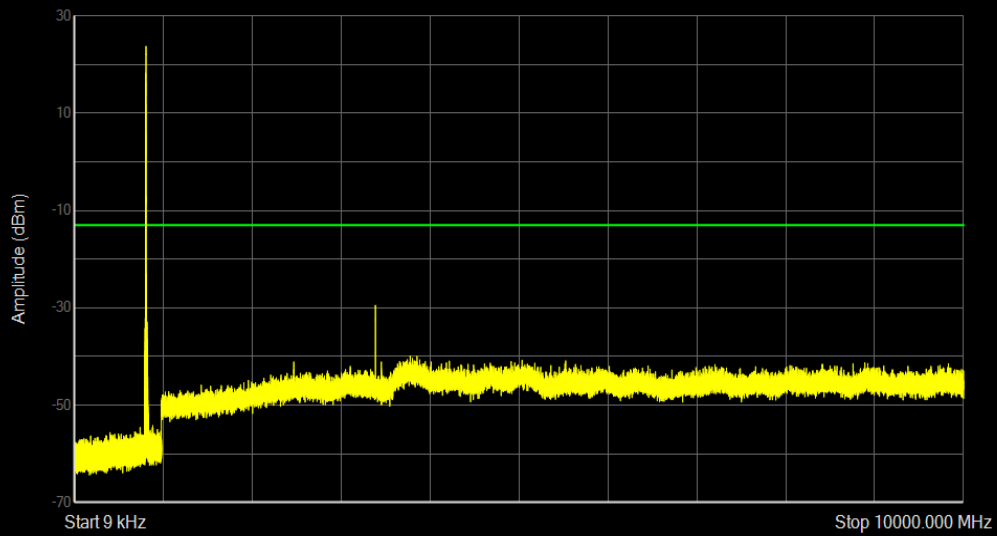


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009666225	-46.46	-13
2	0.15	30	10	0.15	-56.14	-13
3	30	1000	100	998.545	-54.45	-13
4	1000	10000	1000	3718.45	-39.98	-13

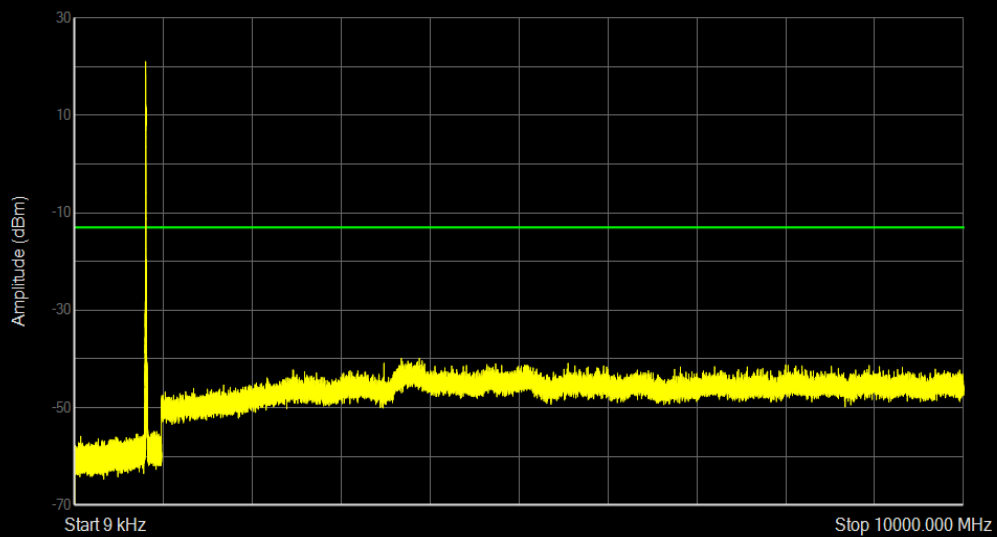
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@0



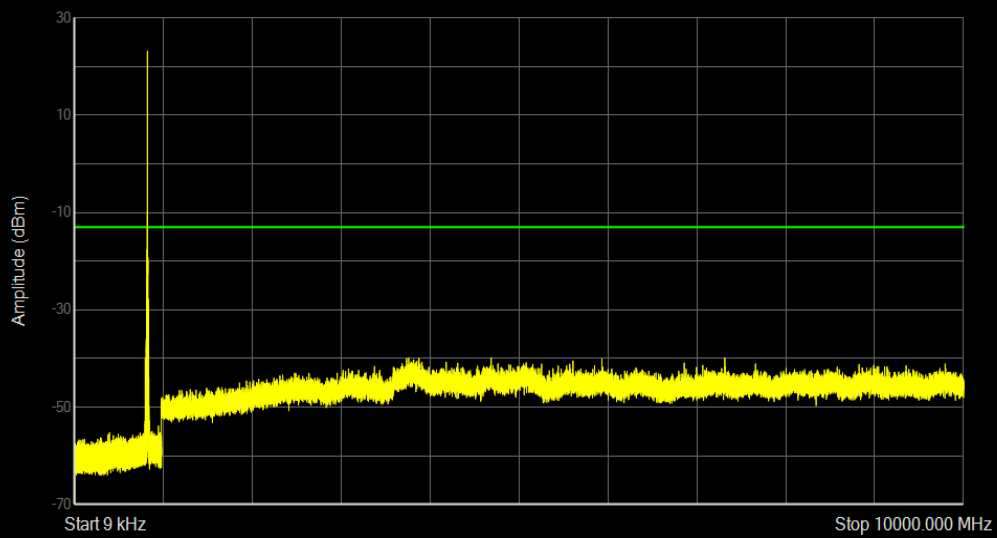
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012486225	-46.26	-13
2	0.15	30	10	0.1664175	-57.22	-13
3	30	1000	100	797.53675	-55.07	-13
4	1000	10000	1000	3401.65	-31.27	-13

n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@24

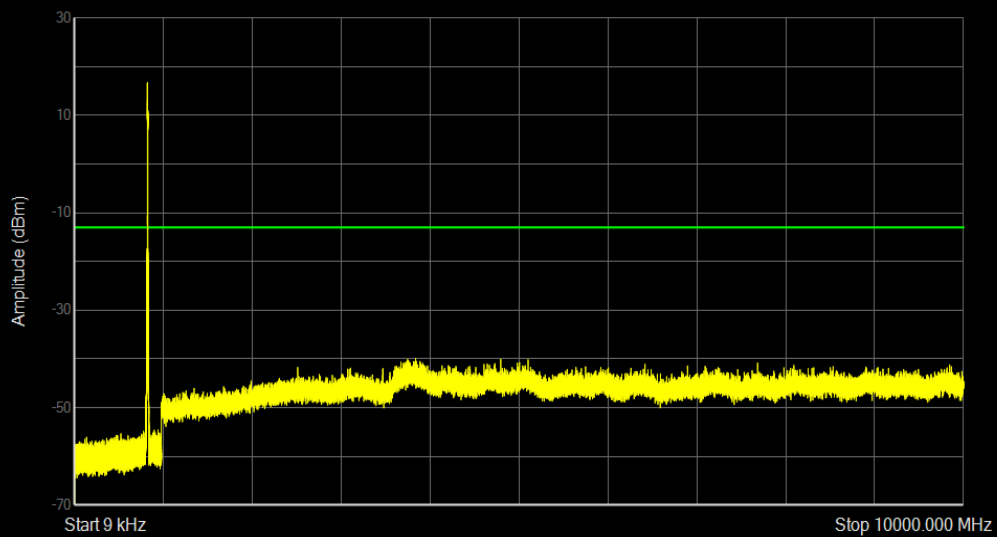
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01000815	-45.83	-13
2	0.15	30	10	0.15	-56.19	-13
3	30	1000	100	904.52775	-54.21	-13
4	1000	10000	1000	3402.1	-29.49	-13

n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=25@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0131313	-45.62	-13
2	0.15	30	10	0.152985	-55.27	-13
3	30	1000	100	919.781	-54.91	-13
4	1000	10000	1000	3692.575	-39.86	-13

n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091692	-46.04	-13
2	0.15	30	10	0.15522375	-57.54	-13
3	30	1000	100	966.99575	-53.89	-13
4	1000	10000	1000	4699.9	-39.86	-13

n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=25@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011294775	-47.3	-13
2	0.15	30	10	0.15671625	-57.55	-13
3	30	1000	100	962.946	-54.56	-13
4	1000	10000	1000	3852.775	-39.91	-13

n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=1@24

