



n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=167300 RB=75@0



n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167300 RB=100@0



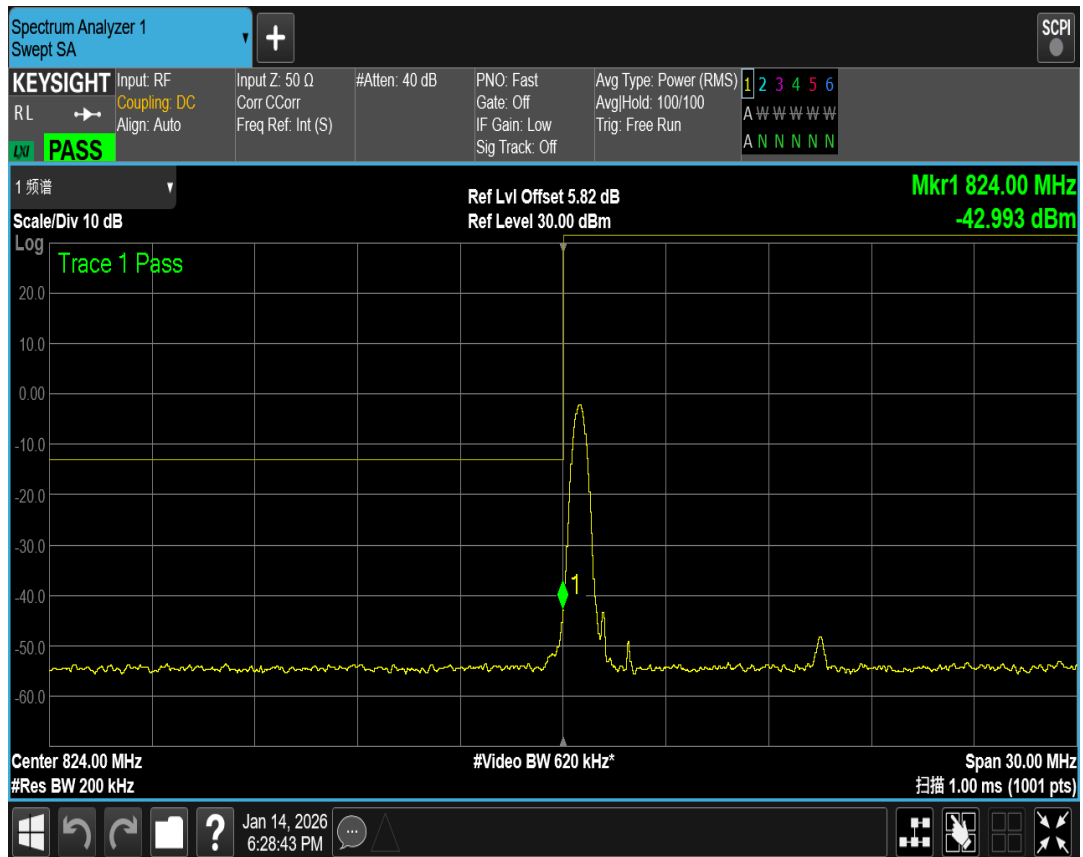
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=25@0



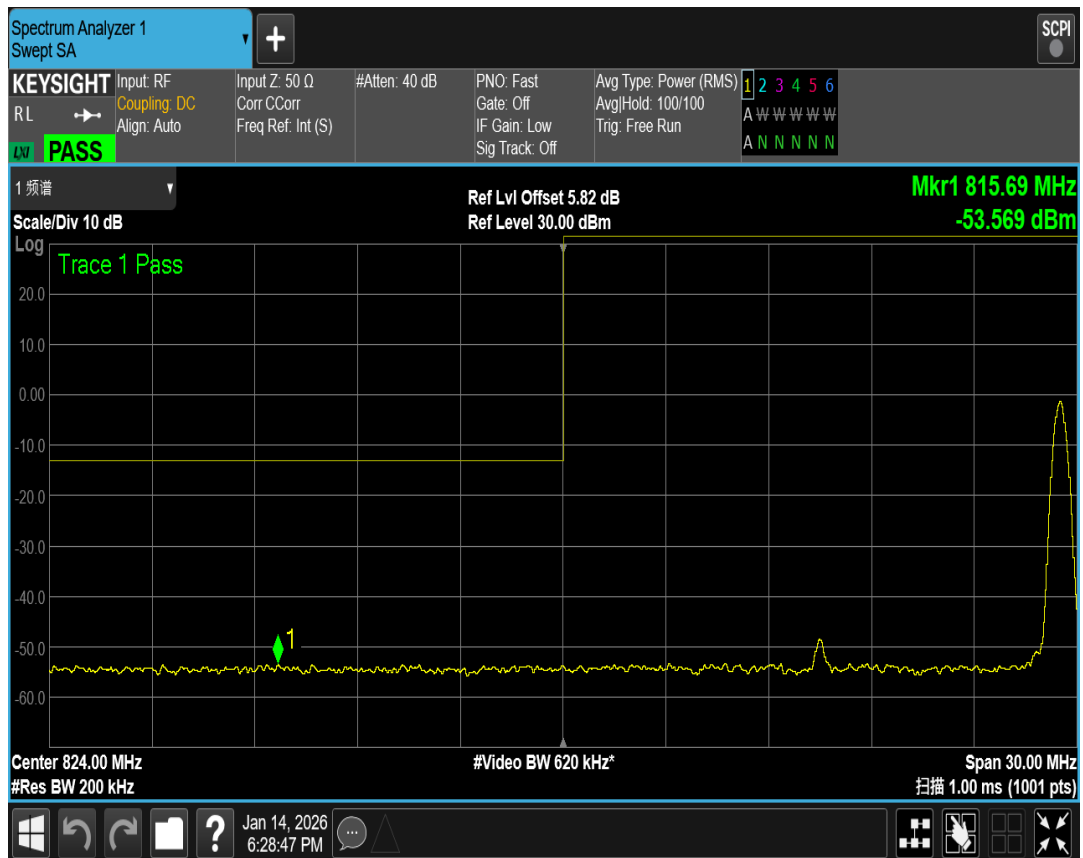
5 Band edge for NR FR1

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	823.99	-50.62	-13	PASS
n5	15	5	165300	1@0	CP_QPSK	824.00	-27.50	-13	PASS
n5	15	5	165300	1@24	CP_QPSK	821.00	-53.17	-13	PASS
n5	15	5	169300	25@0	CP_QPSK	849.01	-54.28	-13	PASS
n5	15	5	169300	1@0	CP_QPSK	849.69	-53.17	-13	PASS
n5	15	5	169300	1@24	CP_QPSK	849.00	-26.72	-13	PASS
n5	15	15	166300	79@0	CP_QPSK	823.07	-52.64	-13	PASS
n5	15	15	166300	1@0	CP_QPSK	824.00	-42.99	-13	PASS
n5	15	15	166300	1@78	CP_QPSK	815.69	-53.56	-13	PASS
n5	15	15	168300	79@0	CP_QPSK	853.53	-53.21	-13	PASS
n5	15	15	168300	1@0	CP_QPSK	850.68	-53.24	-13	PASS
n5	15	15	168300	1@78	CP_QPSK	863.85	-53.18	-13	PASS
n5	15	20	166800	106@0	CP_QPSK	823.24	-52.05	-13	PASS
n5	15	20	166800	1@0	CP_QPSK	824.00	-45.73	-13	PASS
n5	15	20	166800	1@105	CP_QPSK	815.72	-53.07	-13	PASS
n5	15	20	167800	106@0	CP_QPSK	849.00	-52.91	-13	PASS
n5	15	20	167800	1@0	CP_QPSK	868.40	-53.19	-13	PASS
n5	15	20	167800	1@105	CP_QPSK	849.00	-45.56	-13	PASS

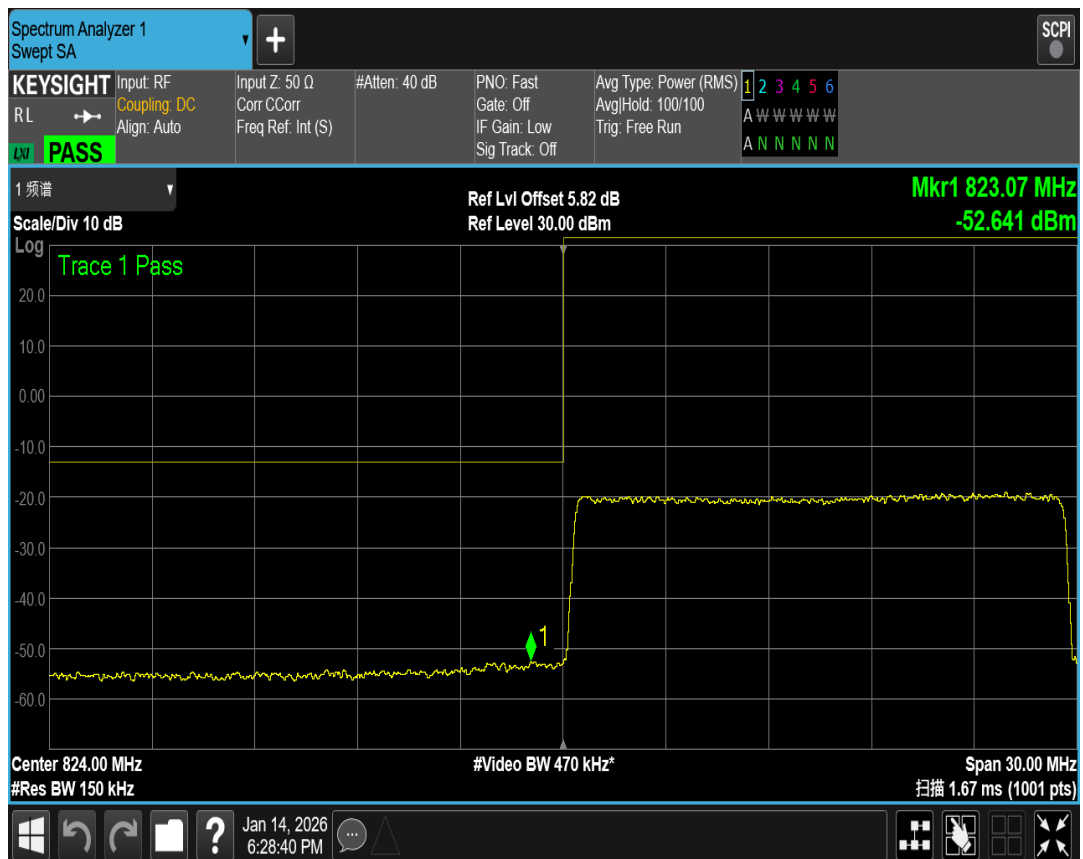
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@0



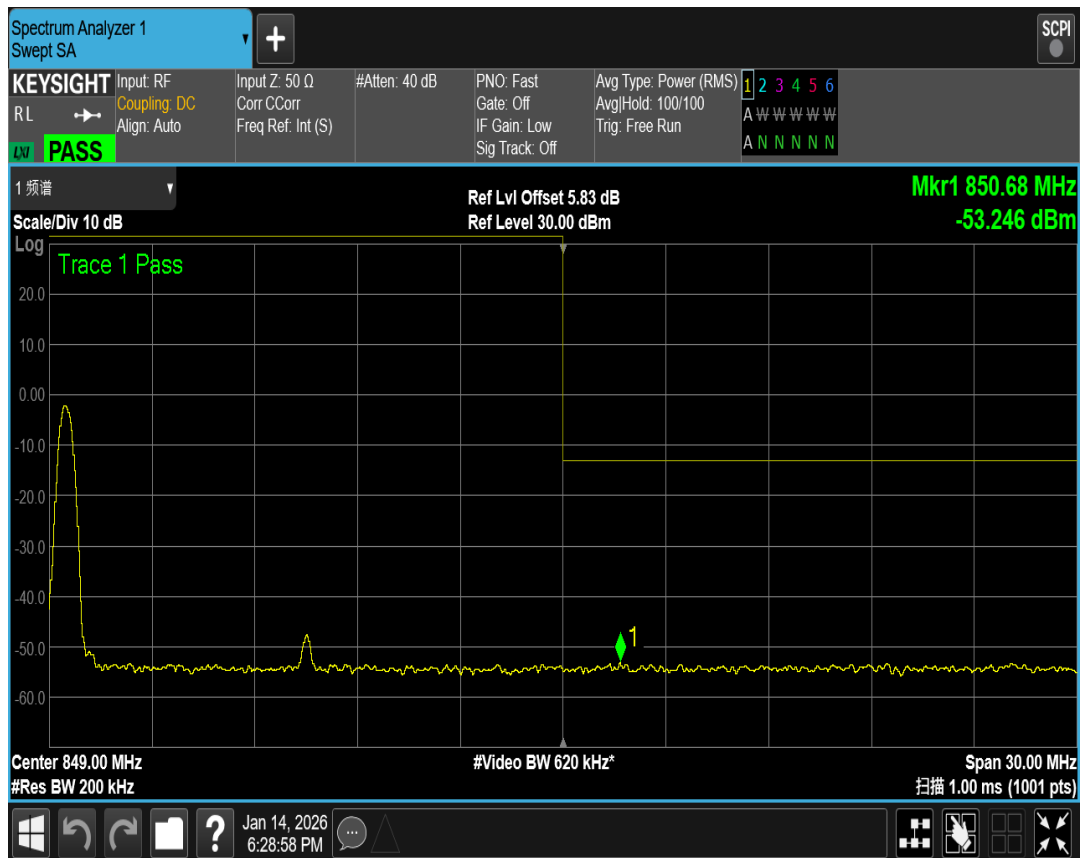
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@78



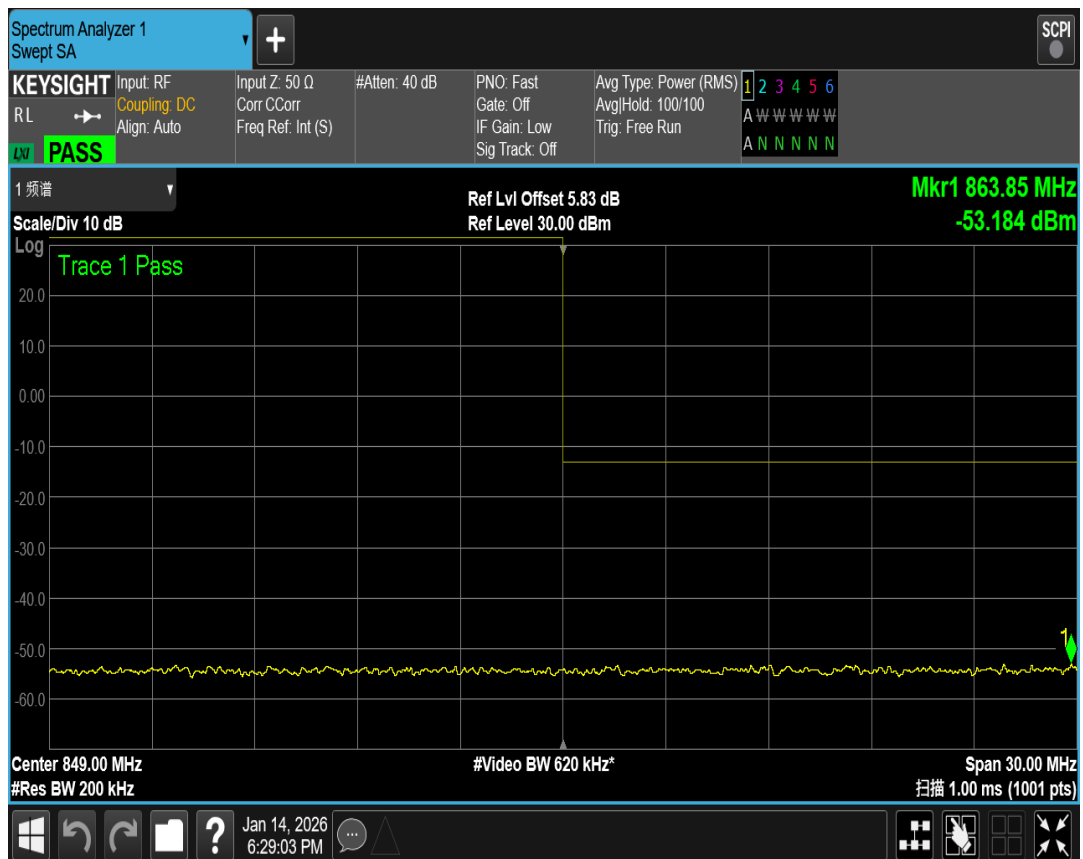
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=79@0



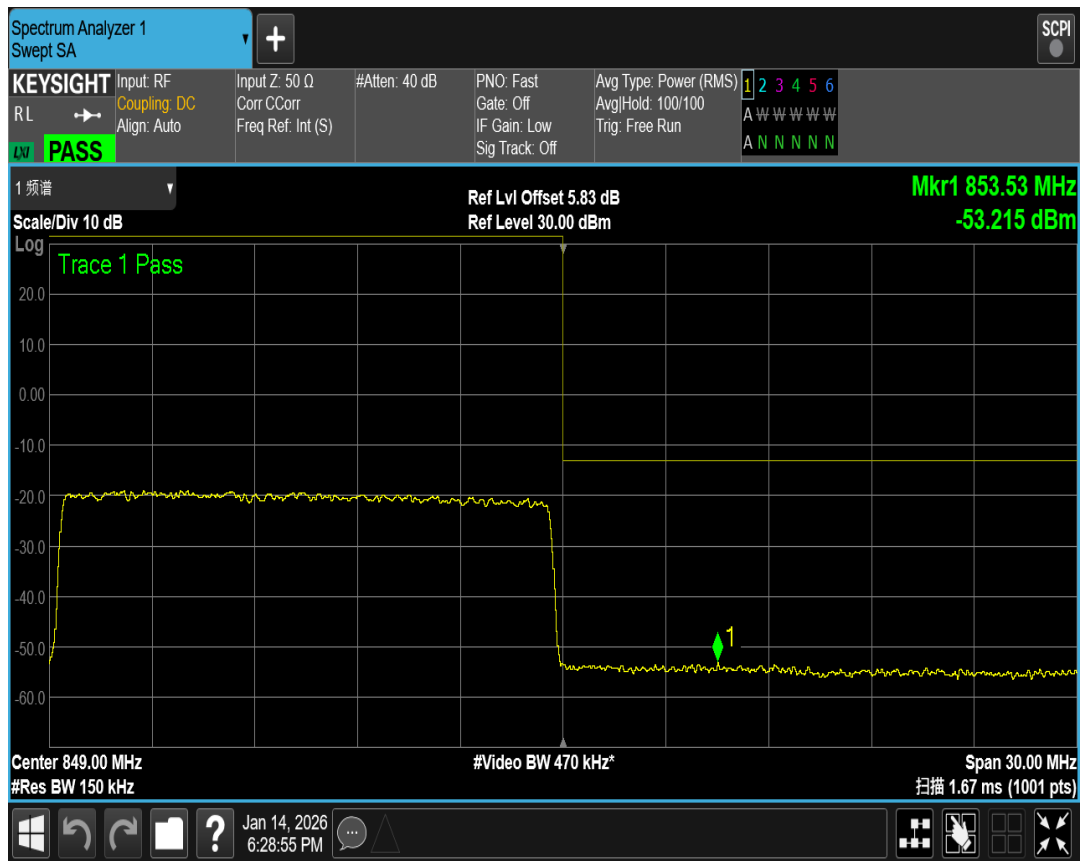
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@0



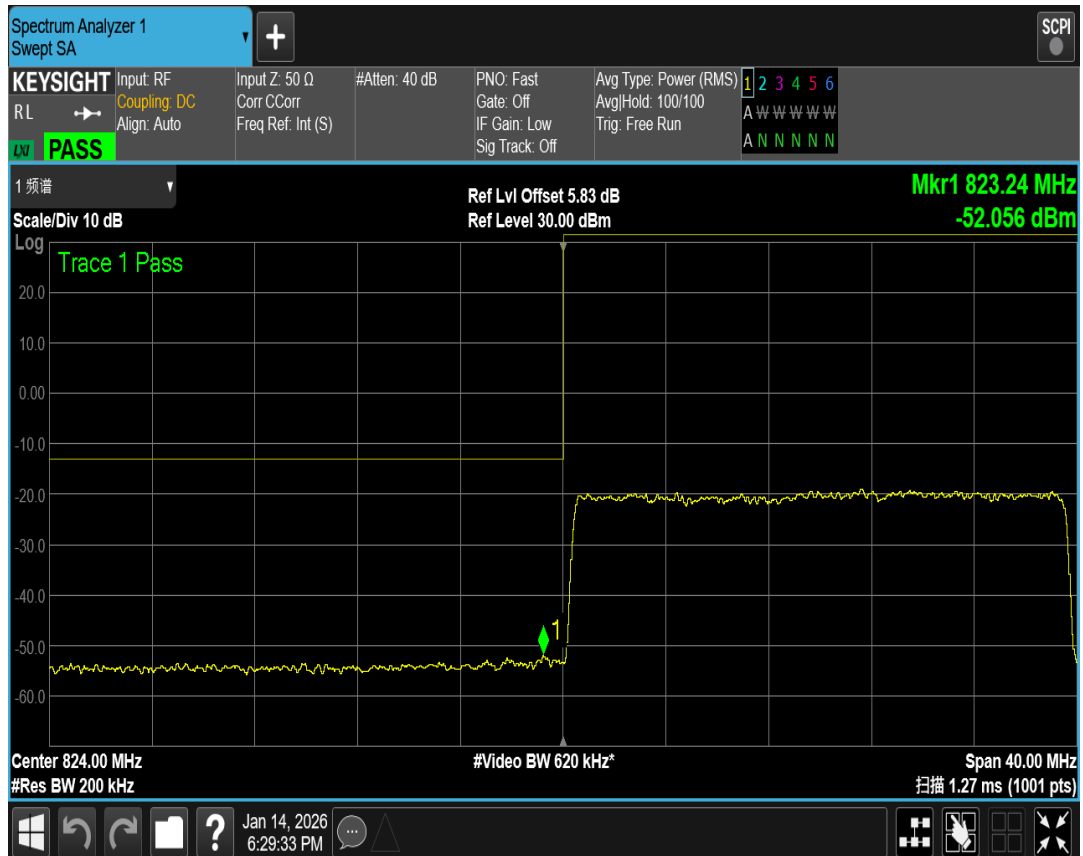
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@78



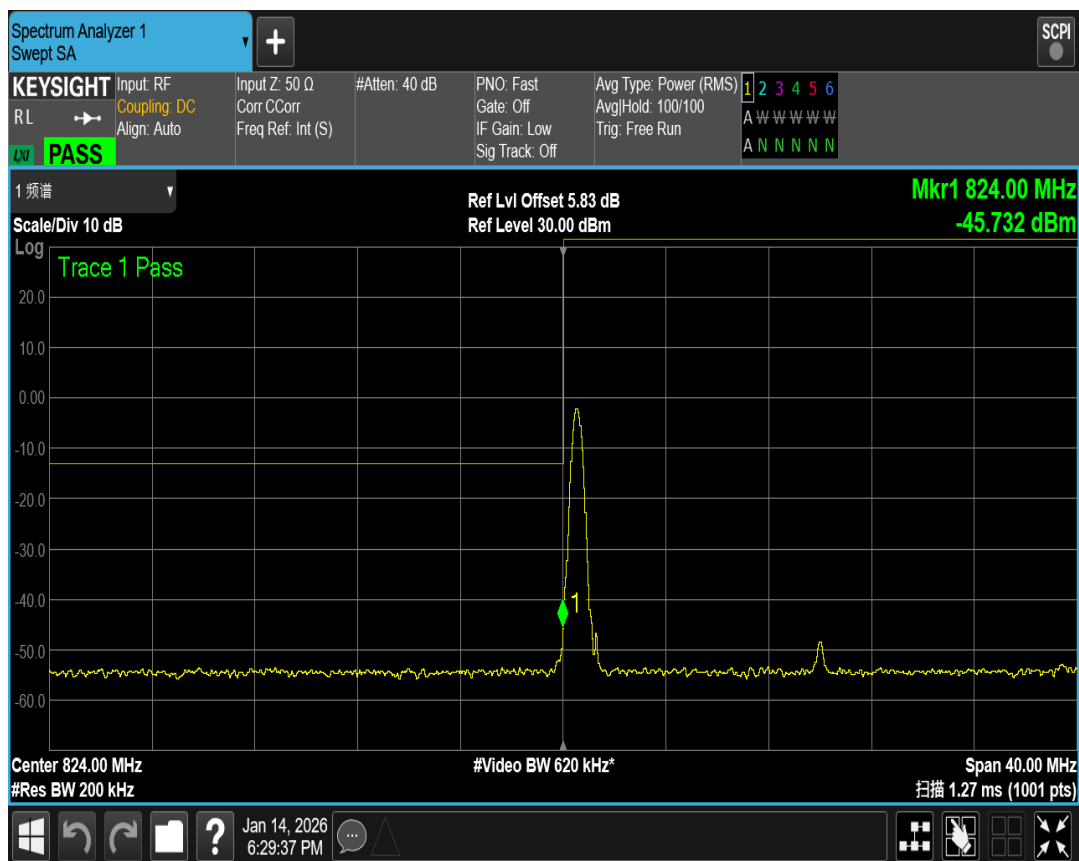
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=79@0



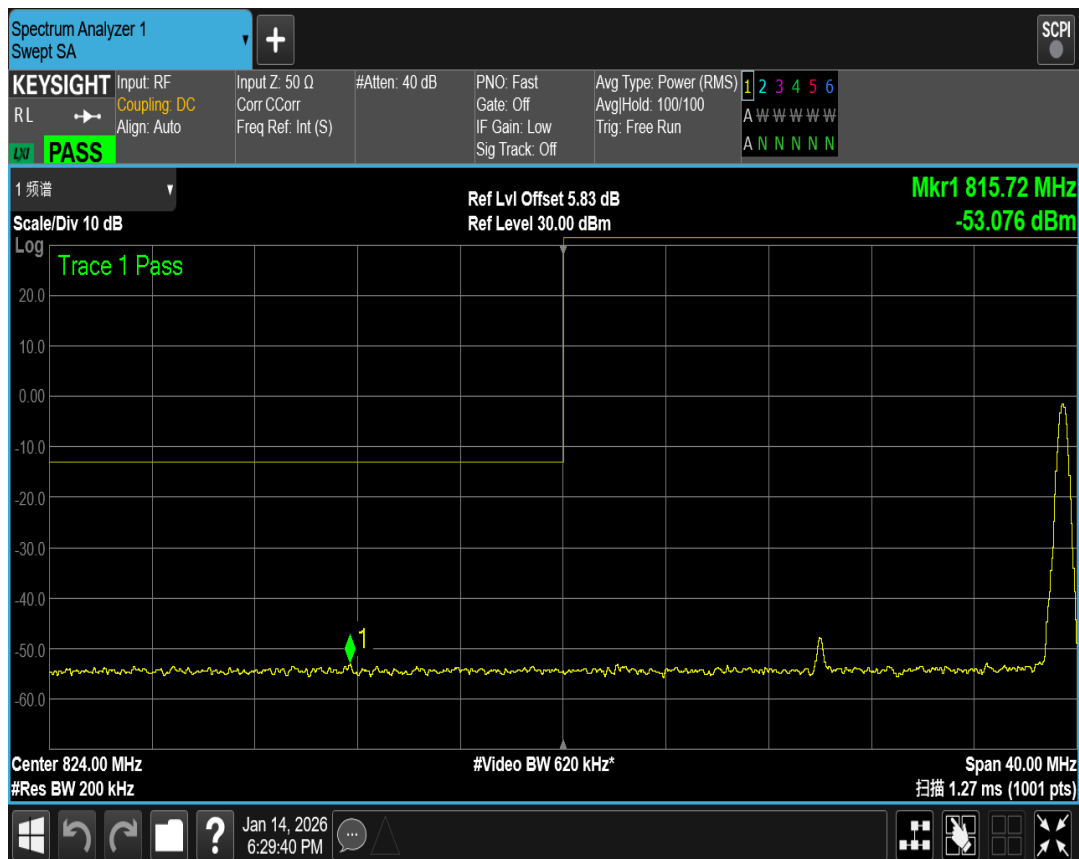
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=106@0



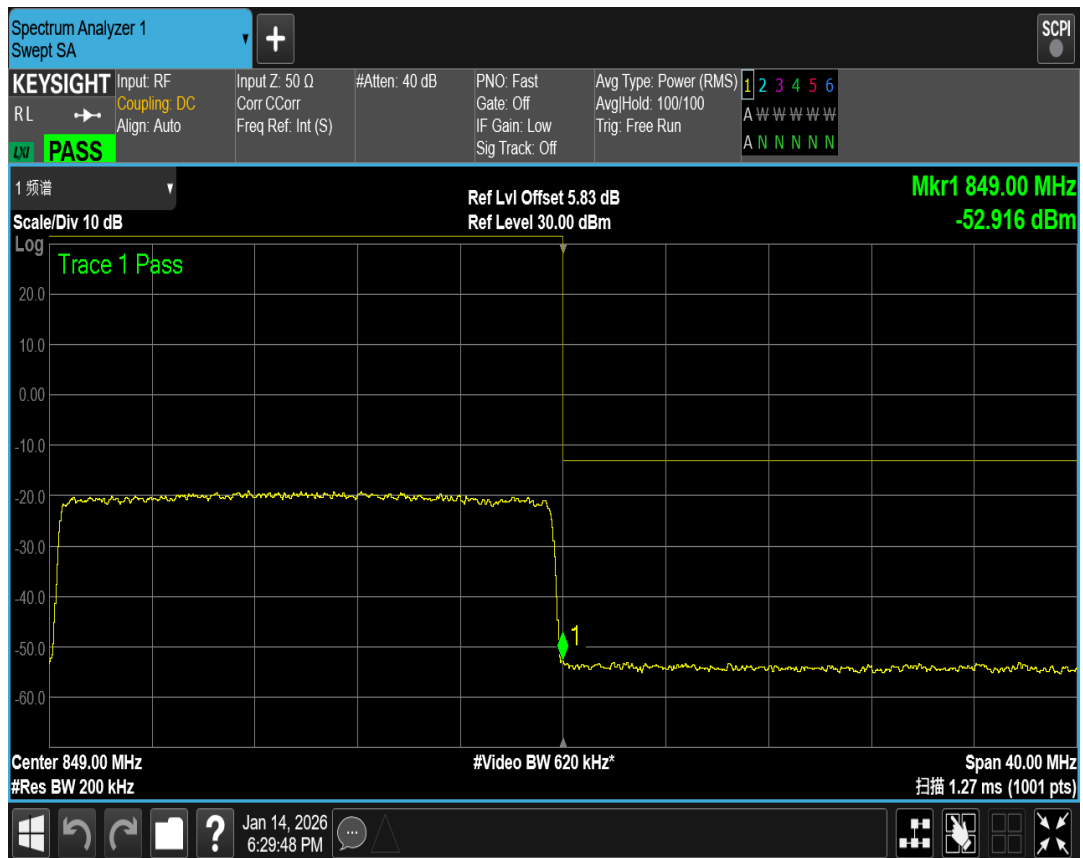
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@0



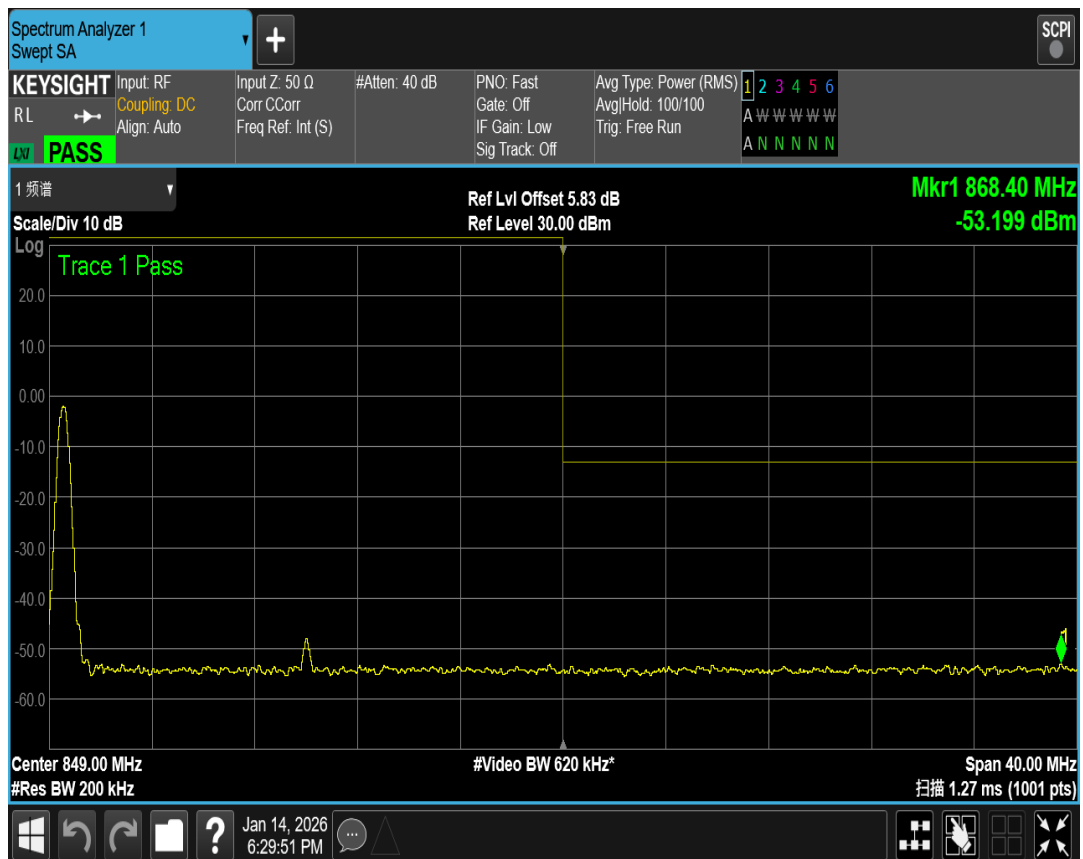
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@105



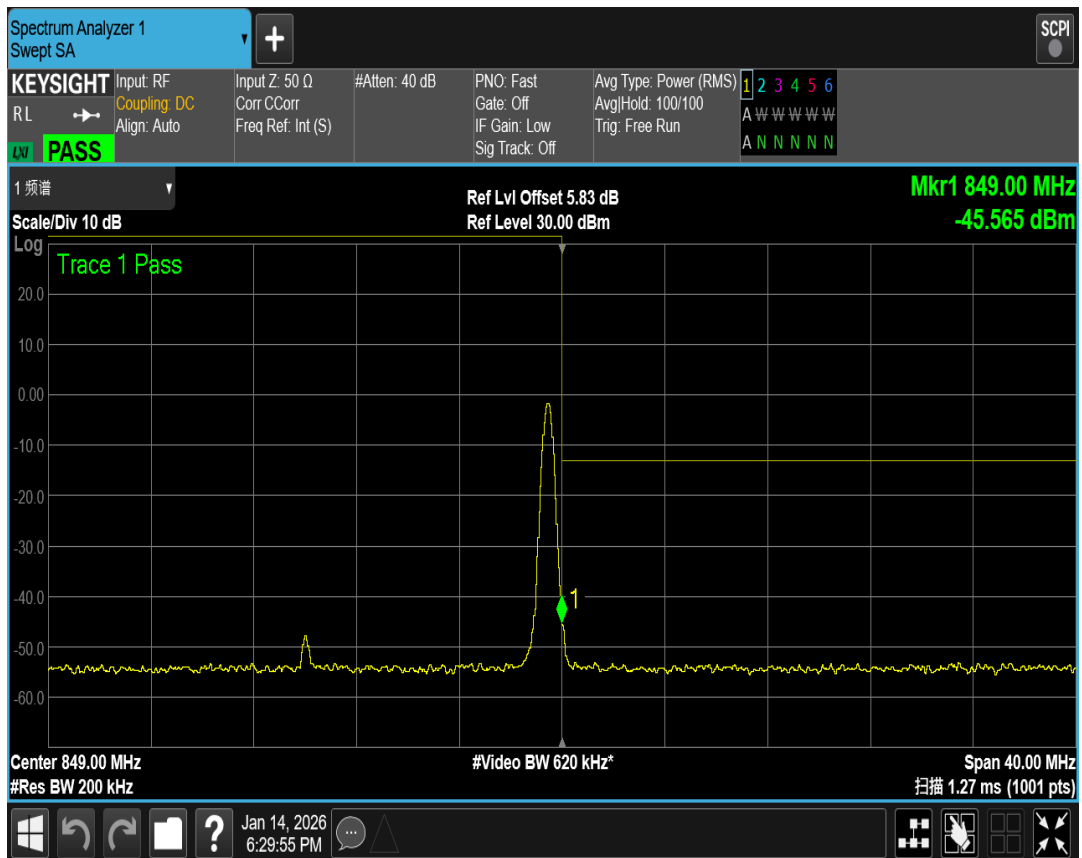
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=106@0



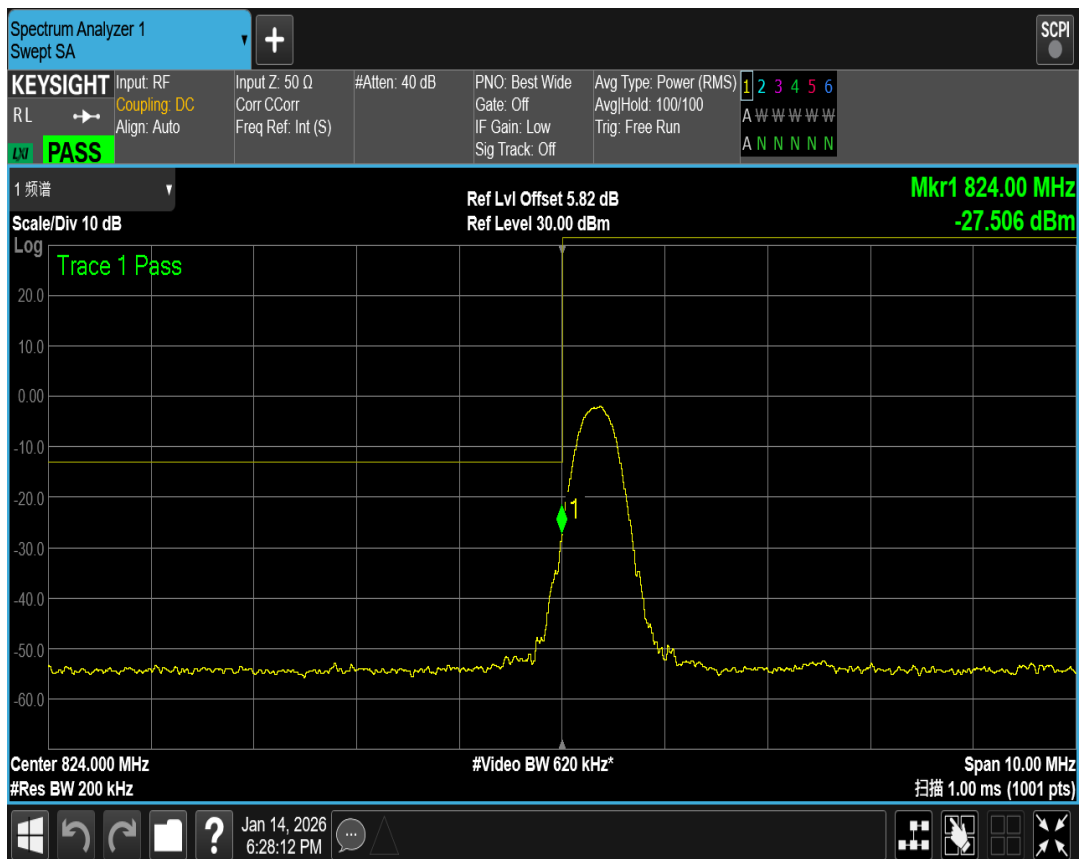
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@0



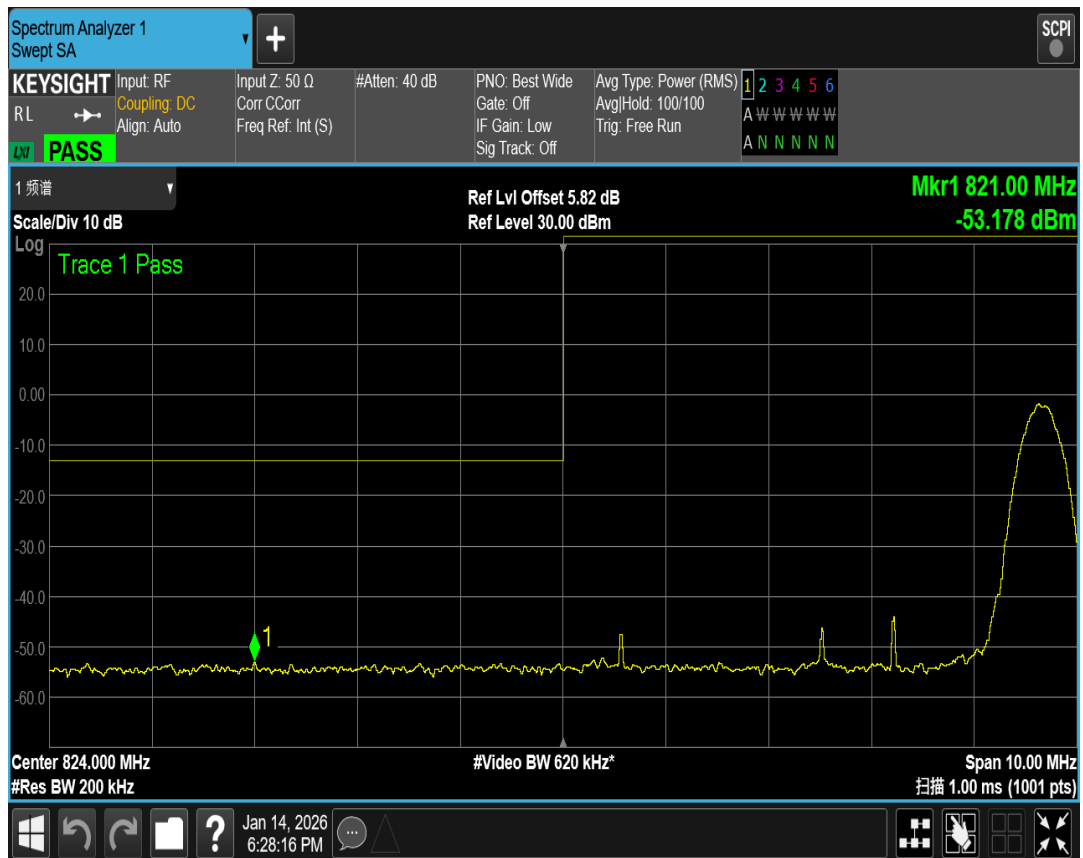
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@105



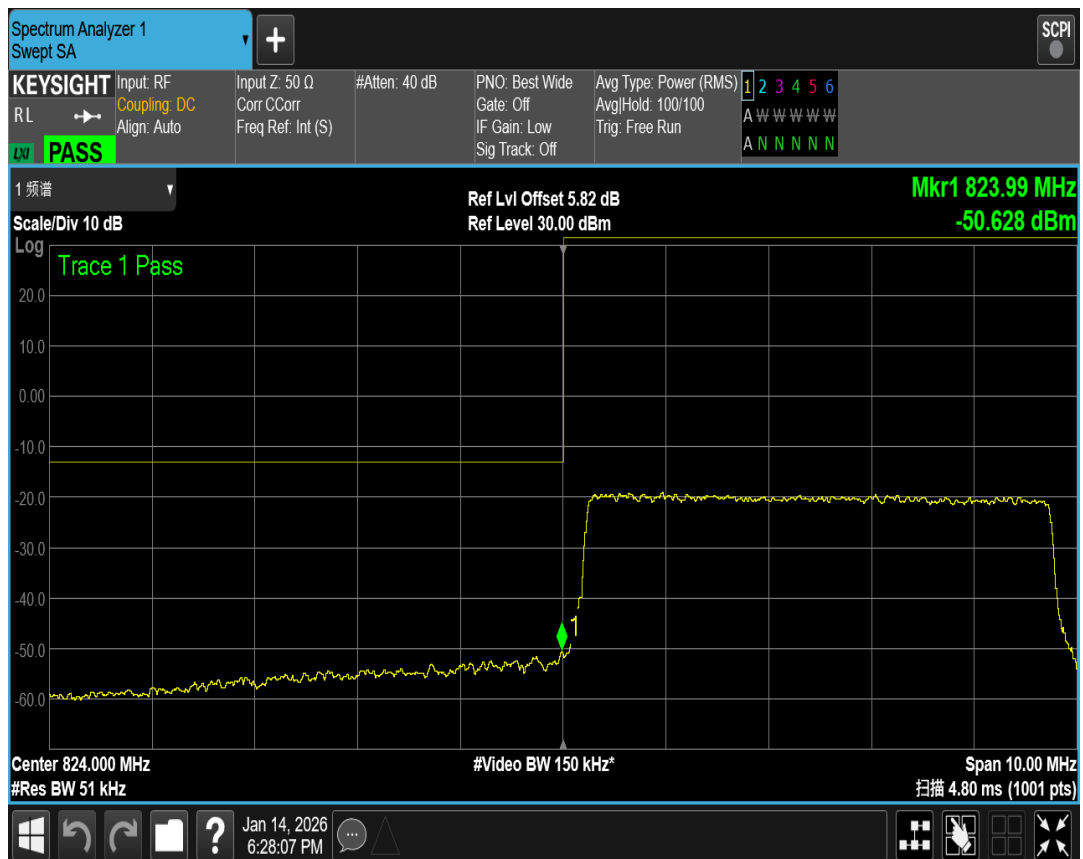
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@0



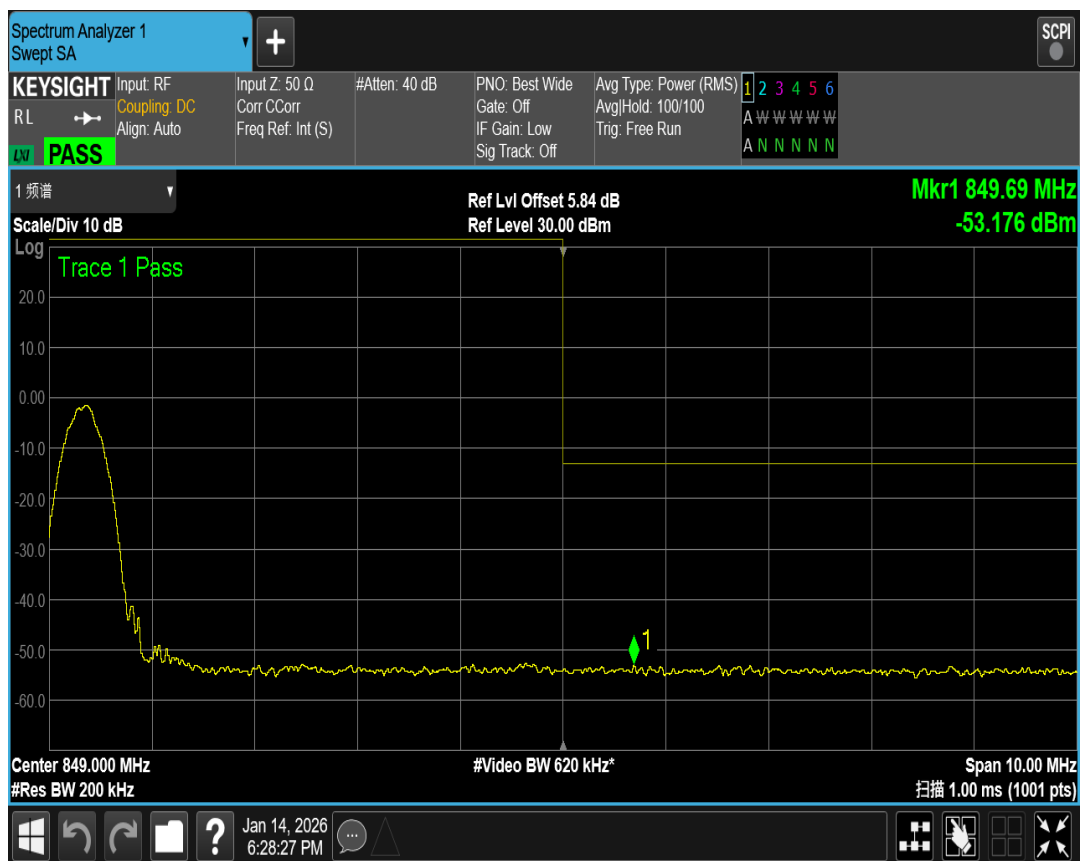
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@24



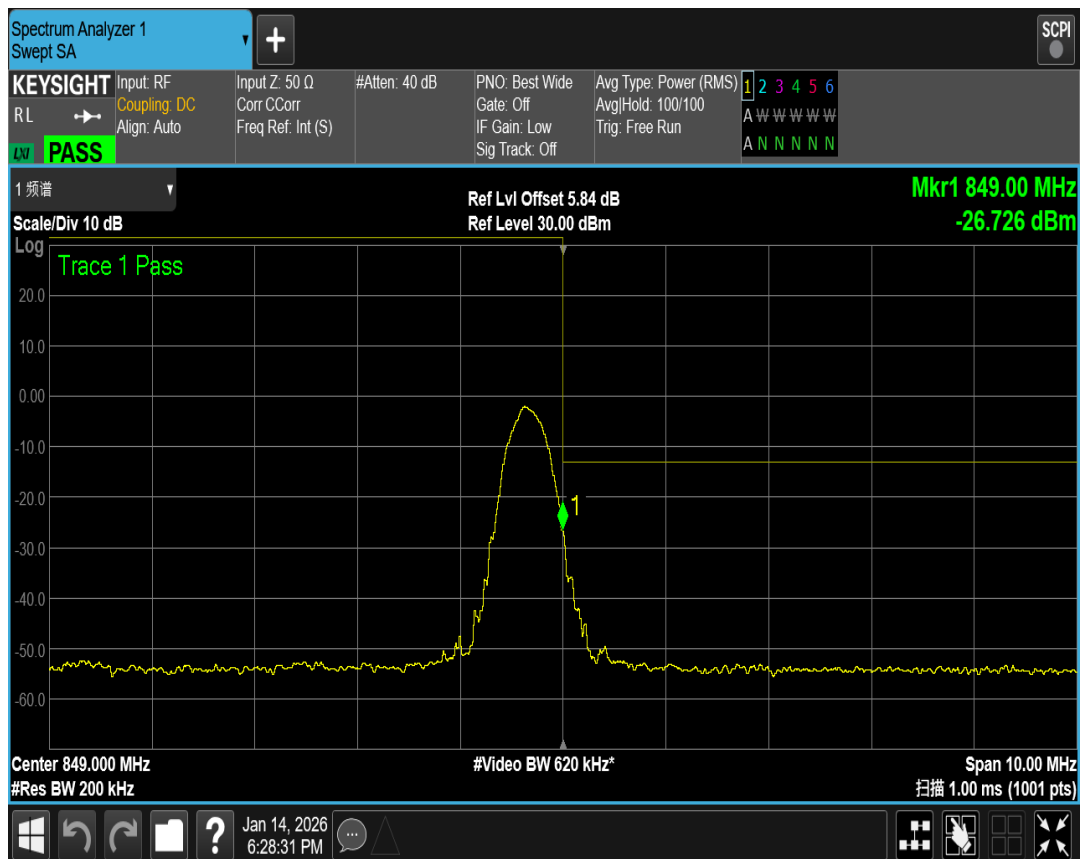
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=25@0



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



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



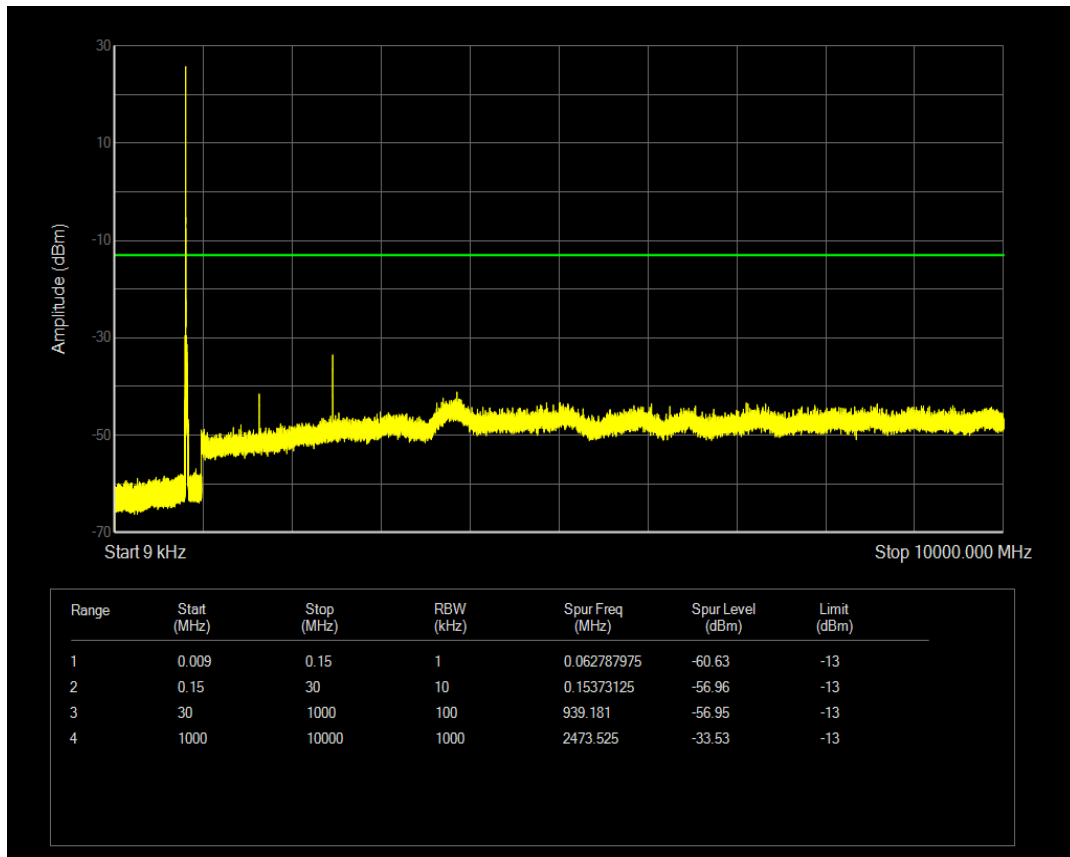
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=25@0

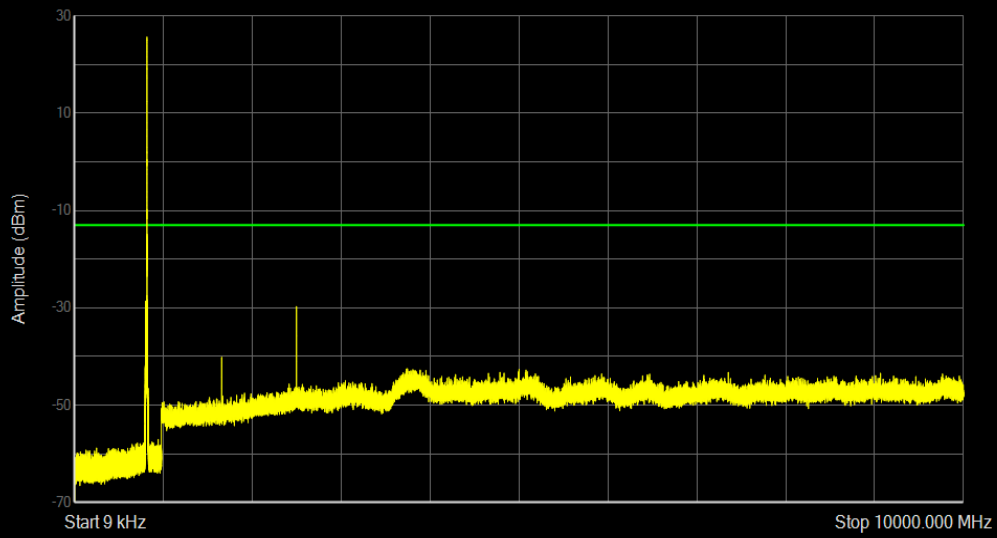


6 Out-of-band emissions for NR FR1

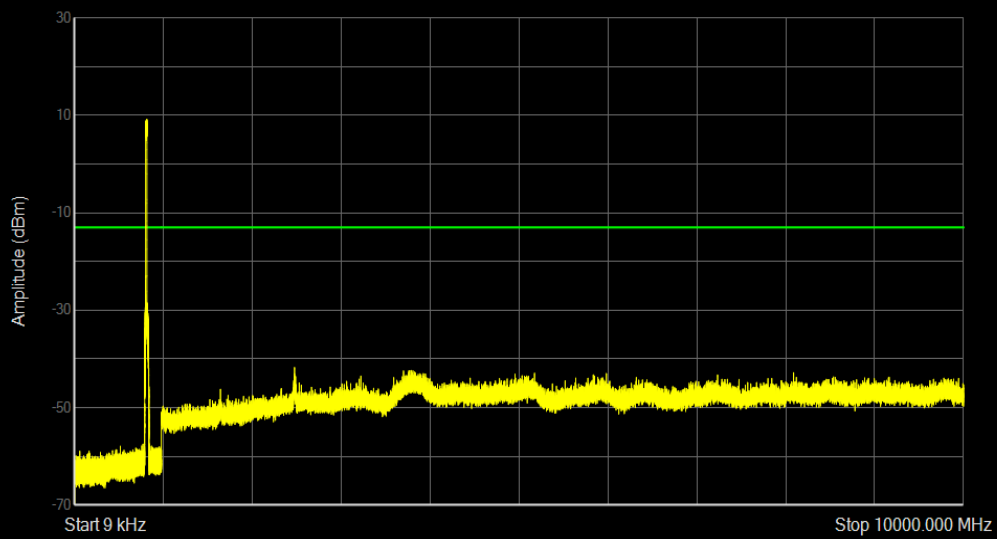
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	25@0	CP_QPSK	2480.95	-38.74	-13	PASS
n5	15	5	165300	1@0	CP_QPSK	2473.08	-34.58	-13	PASS
n5	15	5	165300	1@24	CP_QPSK	2486.13	-32.60	-13	PASS
n5	15	5	169300	25@0	CP_QPSK	2539.23	-38.94	-13	PASS
n5	15	5	169300	1@0	CP_QPSK	2532.93	-33.28	-13	PASS
n5	15	5	169300	1@24	CP_QPSK	2545.98	-32.95	-13	PASS
n5	15	15	166300	79@0	CP_QPSK	2494.45	-41.76	-13	PASS
n5	15	15	166300	1@0	CP_QPSK	2473.53	-33.53	-13	PASS
n5	15	15	166300	1@78	CP_QPSK	2515.60	-29.74	-13	PASS
n5	15	15	168300	79@0	CP_QPSK	3927.25	-41.85	-13	PASS
n5	15	15	168300	1@0	CP_QPSK	2503.68	-28.51	-13	PASS
n5	15	15	168300	1@78	CP_QPSK	2545.75	-30.50	-13	PASS
n5	15	20	166800	106@0	CP_QPSK	3806.88	-41.24	-13	PASS
n5	15	20	166800	1@0	CP_QPSK	2473.98	-33.73	-13	PASS
n5	15	20	166800	1@105	CP_QPSK	2530.45	-33.44	-13	PASS
n5	15	20	167800	106@0	CP_QPSK	3788.43	-41.96	-13	PASS
n5	15	20	167800	1@0	CP_QPSK	2488.83	-31.05	-13	PASS
n5	15	20	167800	1@105	CP_QPSK	2545.53	-31.93	-13	PASS

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

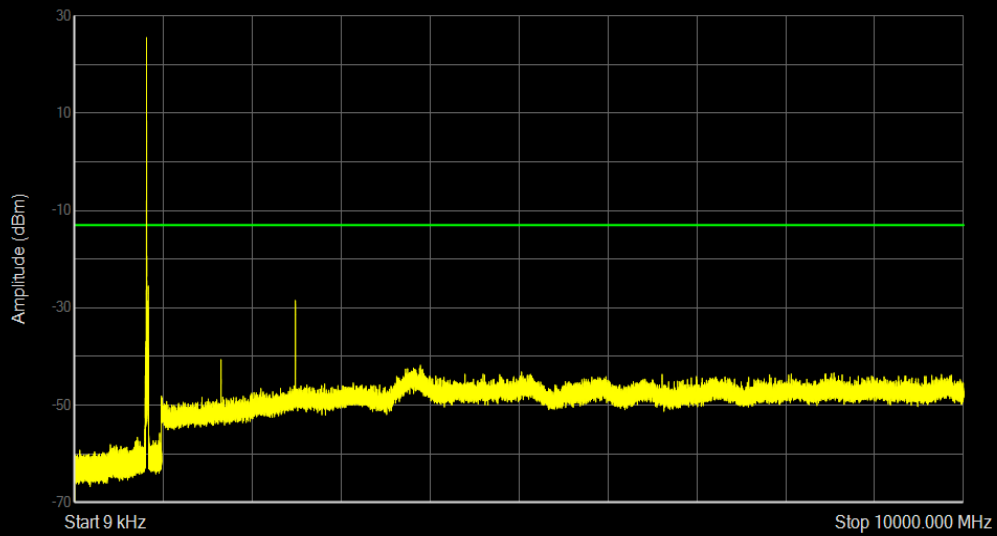


n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@78

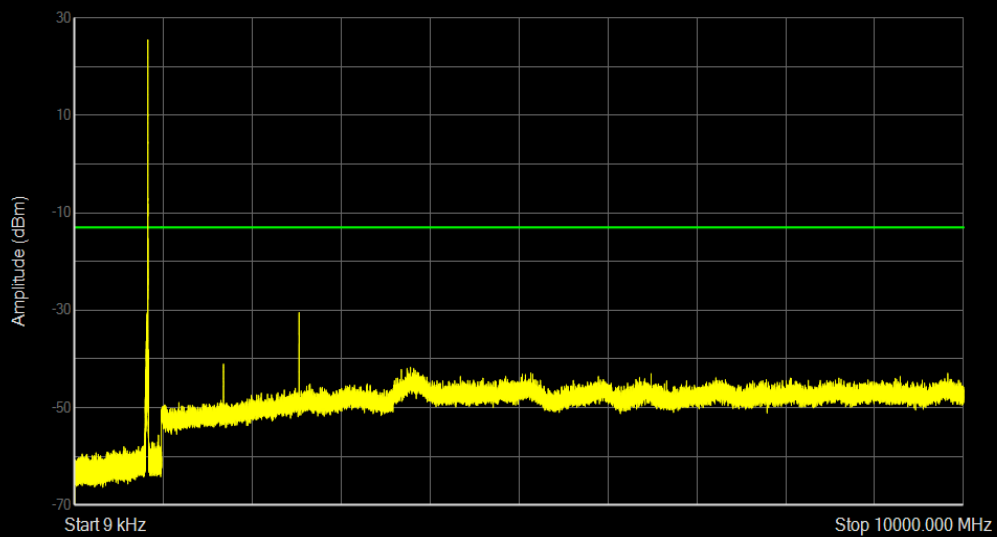
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06299595	-61.13	-13
2	0.15	30	10	0.1574625	-58.25	-13
3	30	1000	100	964.71625	-57.05	-13
4	1000	10000	1000	2515.6	-29.74	-13

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

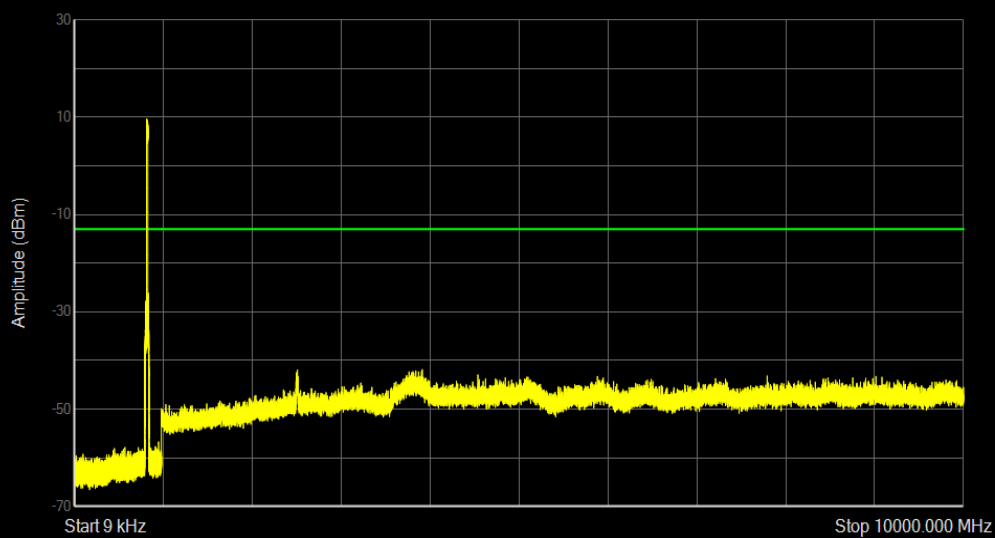
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06277035	-62.5	-13
2	0.15	30	10	0.16567125	-58.15	-13
3	30	1000	100	540.92325	-57.91	-13
4	1000	10000	1000	2494.45	-41.76	-13

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

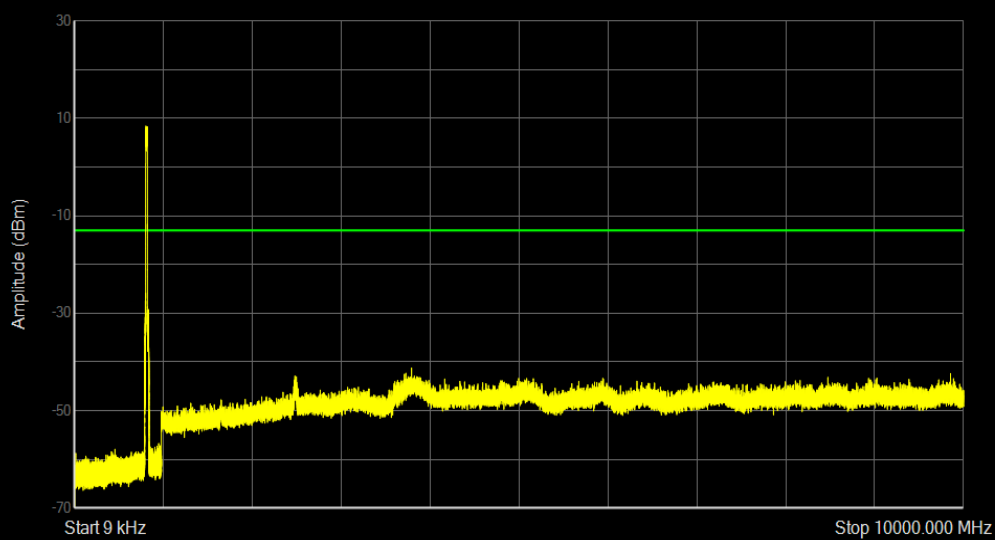
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062787975	-60.44	-13
2	0.15	30	10	0.15	-55.14	-13
3	30	1000	100	981.2305	-55.76	-13
4	1000	10000	1000	2503.675	-28.51	-13

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

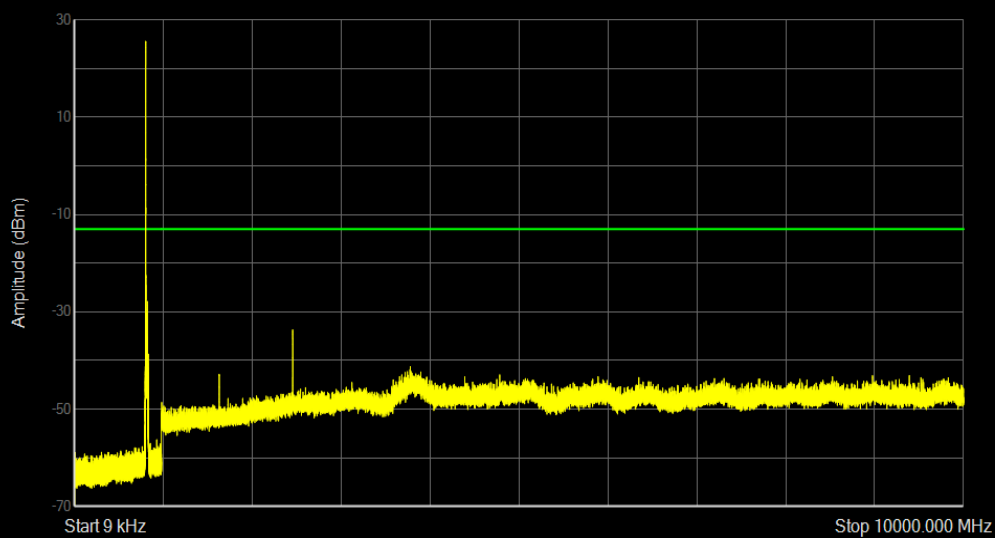
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06271395	-62.4	-13
2	0.15	30	10	0.1544775	-57.91	-13
3	30	1000	100	967.91725	-55.63	-13
4	1000	10000	1000	2545.75	-30.5	-13

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

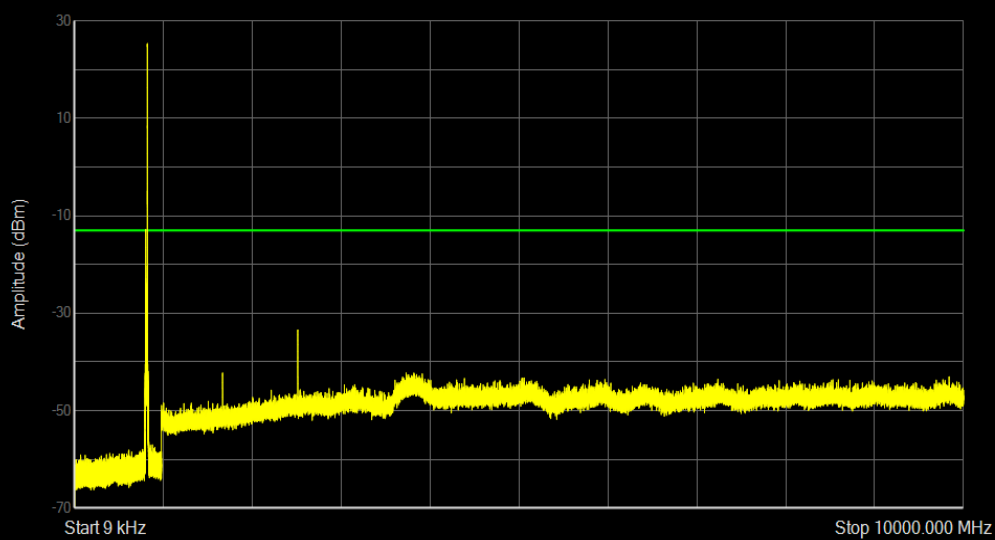
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062837325	-63.08	-13
2	0.15	30	10	0.15	-58.54	-13
3	30	1000	100	968.64475	-56.74	-13
4	1000	10000	1000	3927.25	-41.85	-13

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

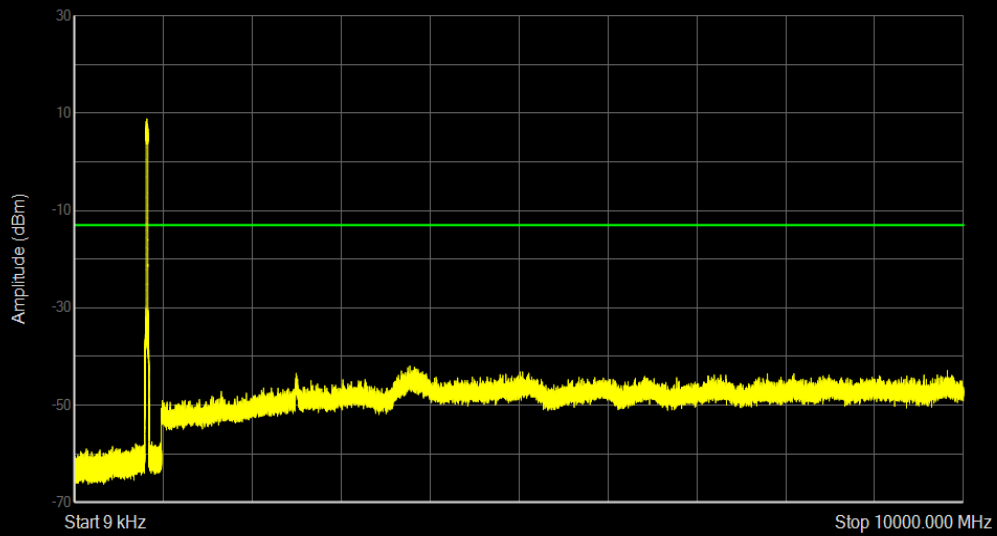
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0624672	-62.69	-13
2	0.15	30	10	0.1723875	-57.99	-13
3	30	1000	100	970.05125	-56.75	-13
4	1000	10000	1000	3806.875	-41.24	-13

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

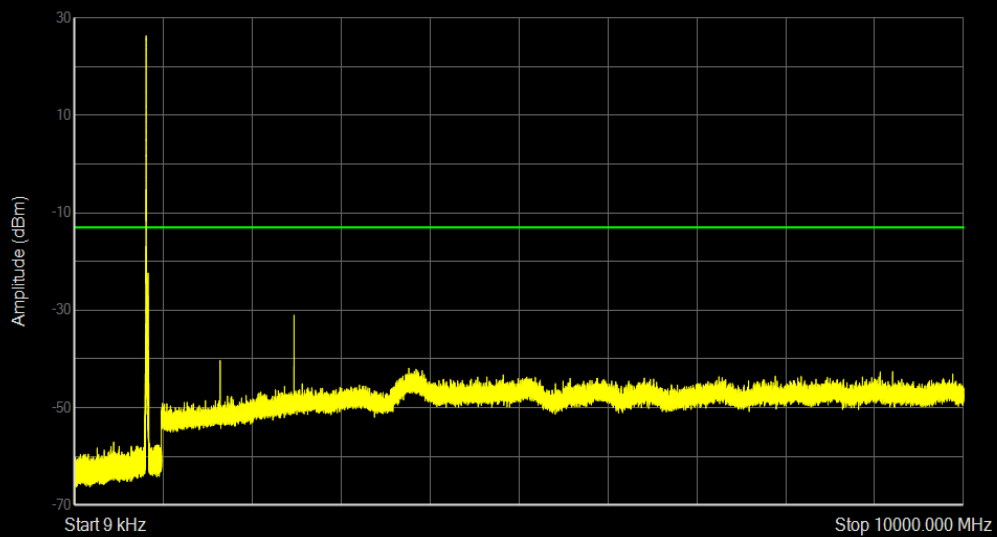
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062534175	-60.77	-13
2	0.15	30	10	0.15	-56.99	-13
3	30	1000	100	949.0265	-56.29	-13
4	1000	10000	1000	2473.975	-33.73	-13

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

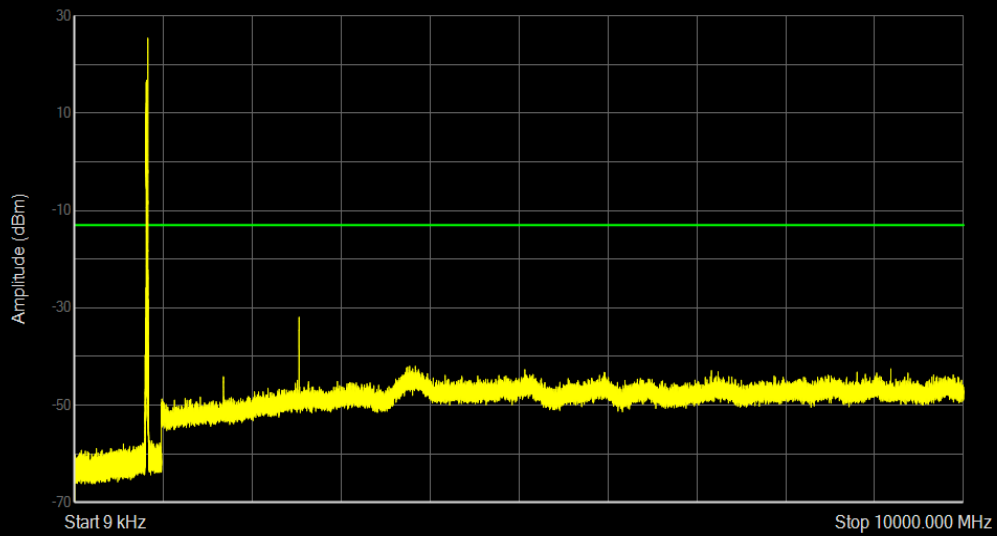
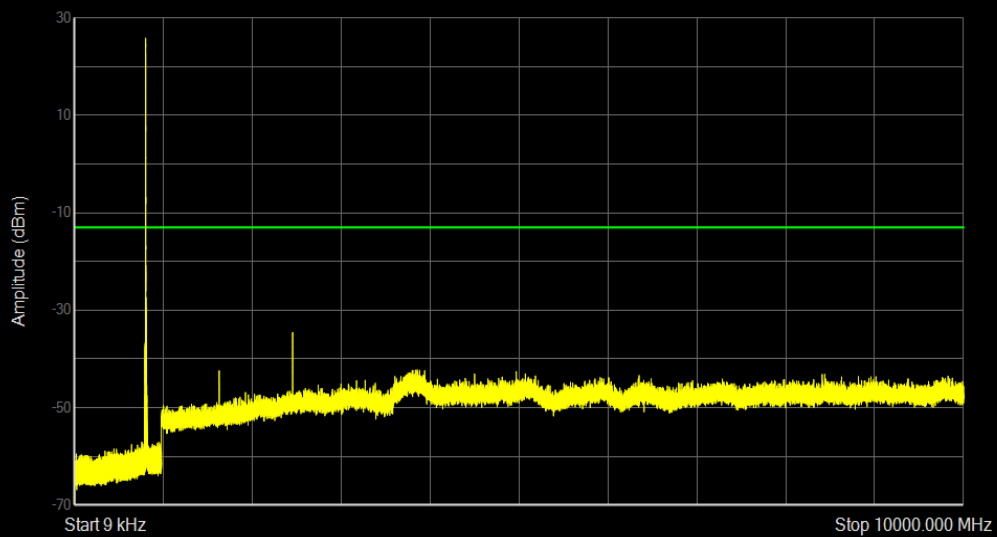
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062329725	-61.13	-13
2	0.15	30	10	0.15597	-56.74	-13
3	30	1000	100	636.2015	-58.1	-13
4	1000	10000	1000	2530.45	-33.44	-13

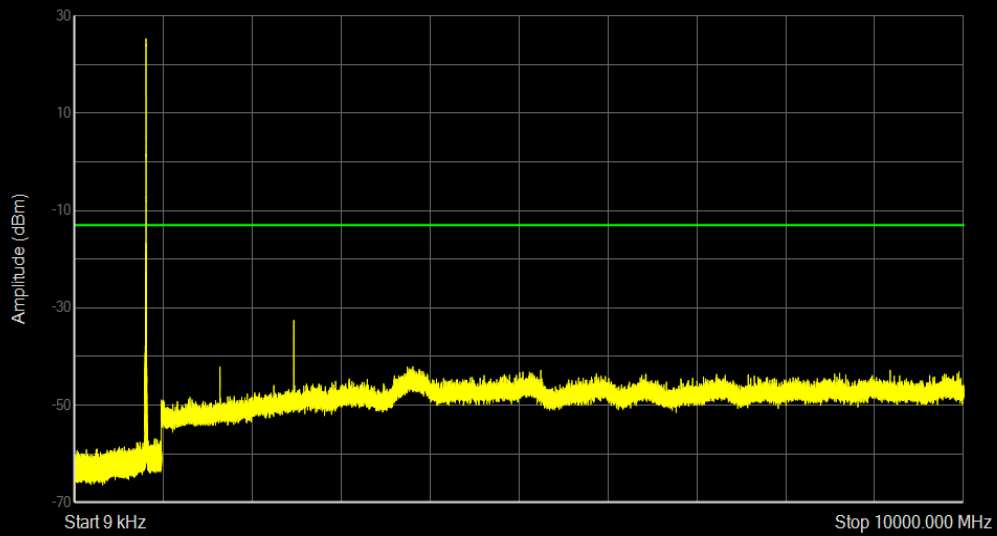
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=106@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062611725	-61.63	-13
2	0.15	30	10	0.18208875	-58.48	-13
3	30	1000	100	994.3255	-57.67	-13
4	1000	10000	1000	3788.425	-41.96	-13

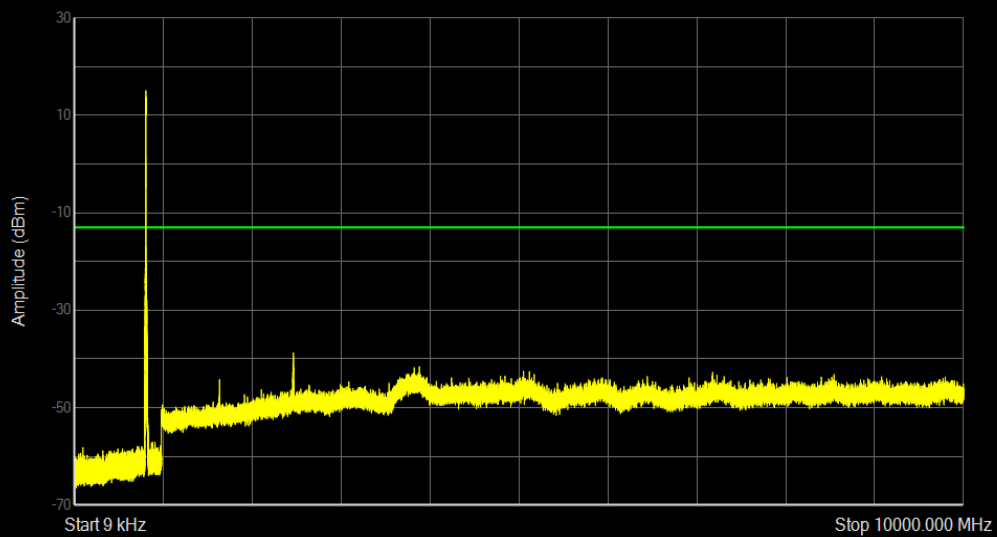
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06246015	-60.05	-13
2	0.15	30	10	0.15	-58.03	-13
3	30	1000	100	465.53	-57.05	-13
4	1000	10000	1000	2488.825	-31.05	-13

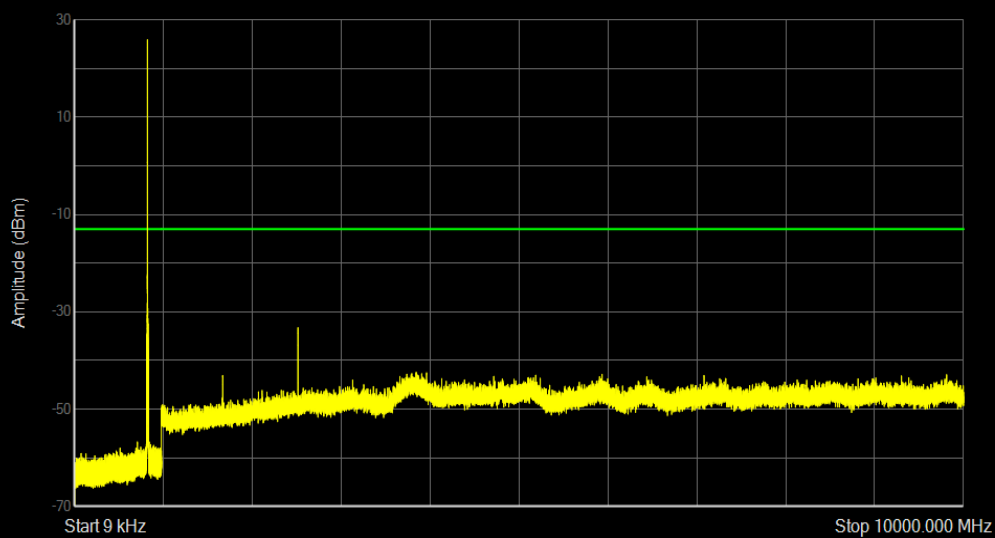
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@105*n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@0*

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

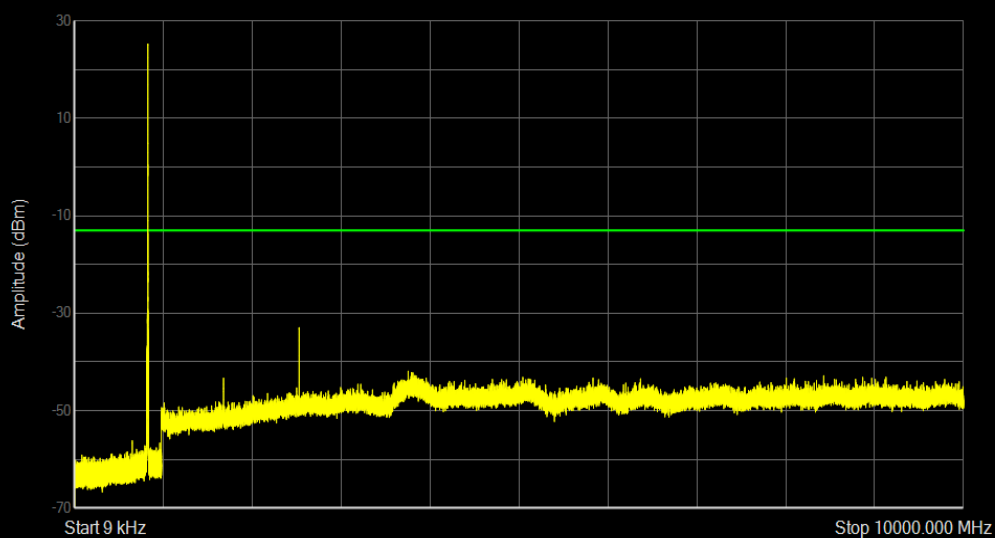
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0630453	-60.83	-13
2	0.15	30	10	0.1514925	-57	-13
3	30	1000	100	932.3425	-56.88	-13
4	1000	10000	1000	2486.125	-32.6	-13

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	0.06298185	-62.89	-13
2	0.15	30	10	0.17313375	-57.52	-13
3	30	1000	100	902.418	-57.09	-13
4	1000	10000	1000	2480.95	-38.74	-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	0.06282675	-61.14	-13
2	0.15	30	10	0.15074625	-57.74	-13
3	30	1000	100	731.81925	-56.74	-13
4	1000	10000	1000	2532.925	-33.28	-13

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

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062414325	-61.58	-13
2	0.15	30	10	0.18805875	-57.12	-13
3	30	1000	100	673.2555	-56.14	-13
4	1000	10000	1000	2545.975	-32.95	-13

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

