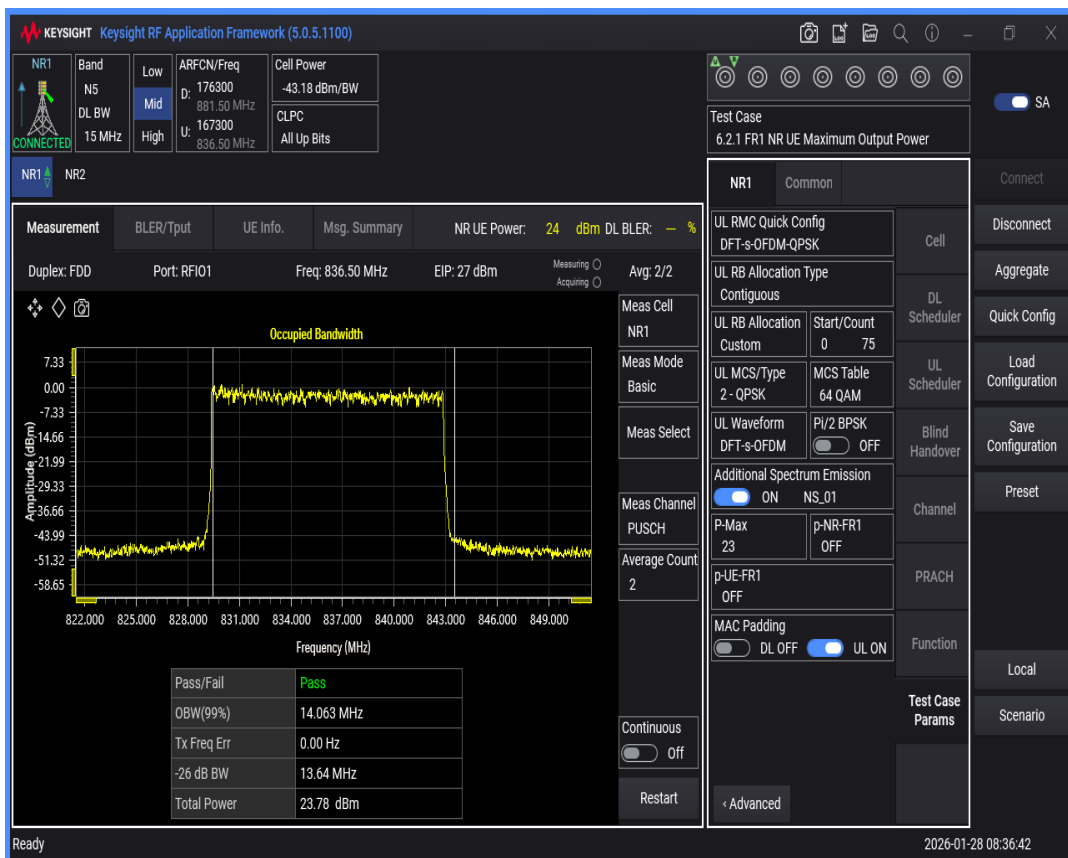




n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=167300 RB=75@0



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



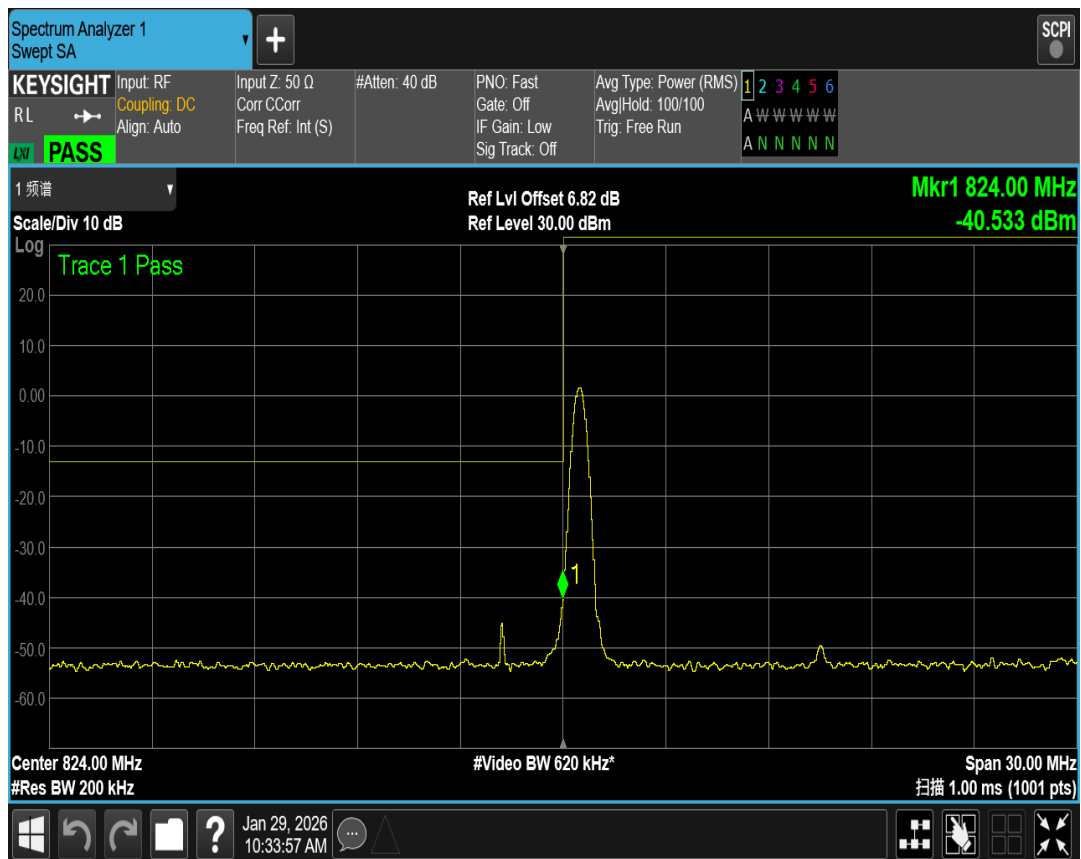
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=25@0



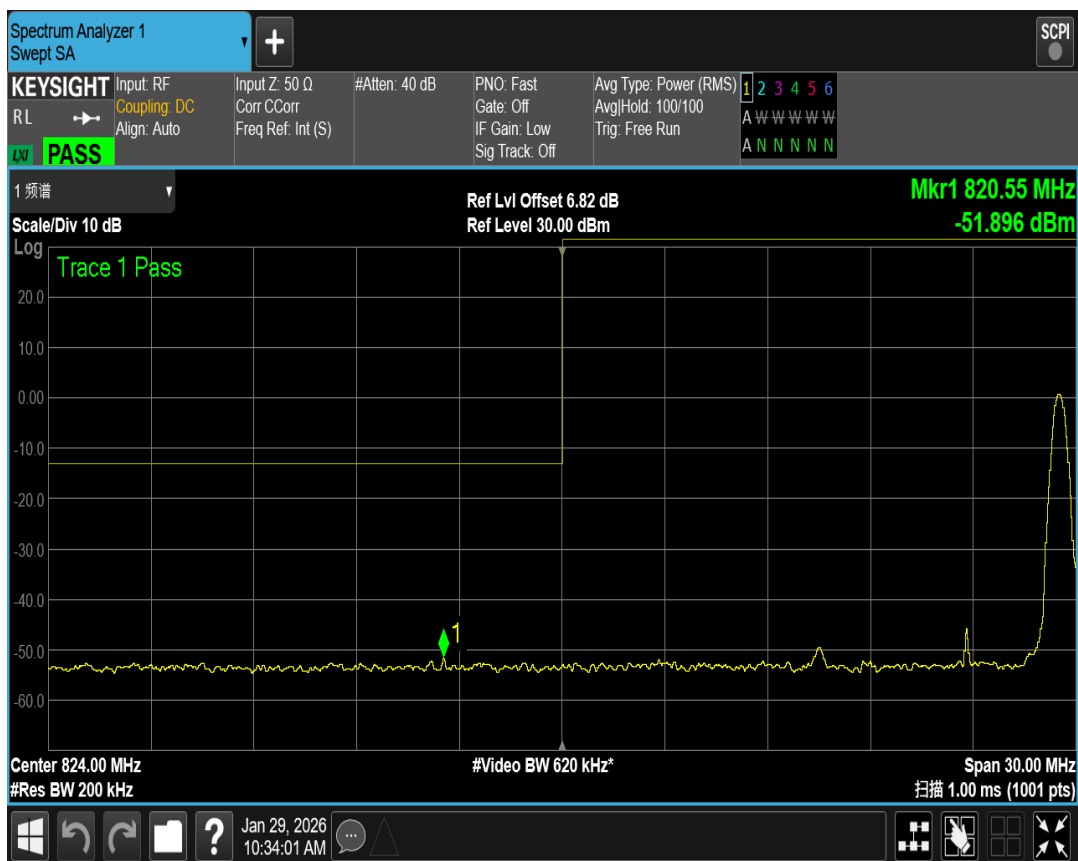
5 Band edge for NR FR1

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	824.00	-54.42	-13	PASS
n5	15	5	165300	1@0	CP_QPSK	824.00	-24.45	-13	PASS
n5	15	5	165300	1@24	CP_QPSK	823.62	-52.04	-13	PASS
n5	15	5	169300	25@0	CP_QPSK	849.22	-52.72	-13	PASS
n5	15	5	169300	1@0	CP_QPSK	850.02	-50.31	-13	PASS
n5	15	5	169300	1@24	CP_QPSK	849.00	-26.64	-13	PASS
n5	15	15	166300	79@0	CP_QPSK	823.25	-52.79	-13	PASS
n5	15	15	166300	1@0	CP_QPSK	824.00	-40.53	-13	PASS
n5	15	15	166300	1@78	CP_QPSK	820.55	-51.89	-13	PASS
n5	15	15	168300	79@0	CP_QPSK	849.00	-51.76	-13	PASS
n5	15	15	168300	1@0	CP_QPSK	863.64	-52.37	-13	PASS
n5	15	15	168300	1@78	CP_QPSK	849.00	-40.34	-13	PASS
n5	15	20	166800	106@0	CP_QPSK	823.96	-51.62	-13	PASS
n5	15	20	166800	1@0	CP_QPSK	824.00	-39.16	-13	PASS
n5	15	20	166800	1@105	CP_QPSK	823.88	-52.20	-13	PASS
n5	15	20	167800	106@0	CP_QPSK	849.00	-50.68	-13	PASS
n5	15	20	167800	1@0	CP_QPSK	865.68	-52.44	-13	PASS
n5	15	20	167800	1@105	CP_QPSK	849.00	-37.75	-13	PASS

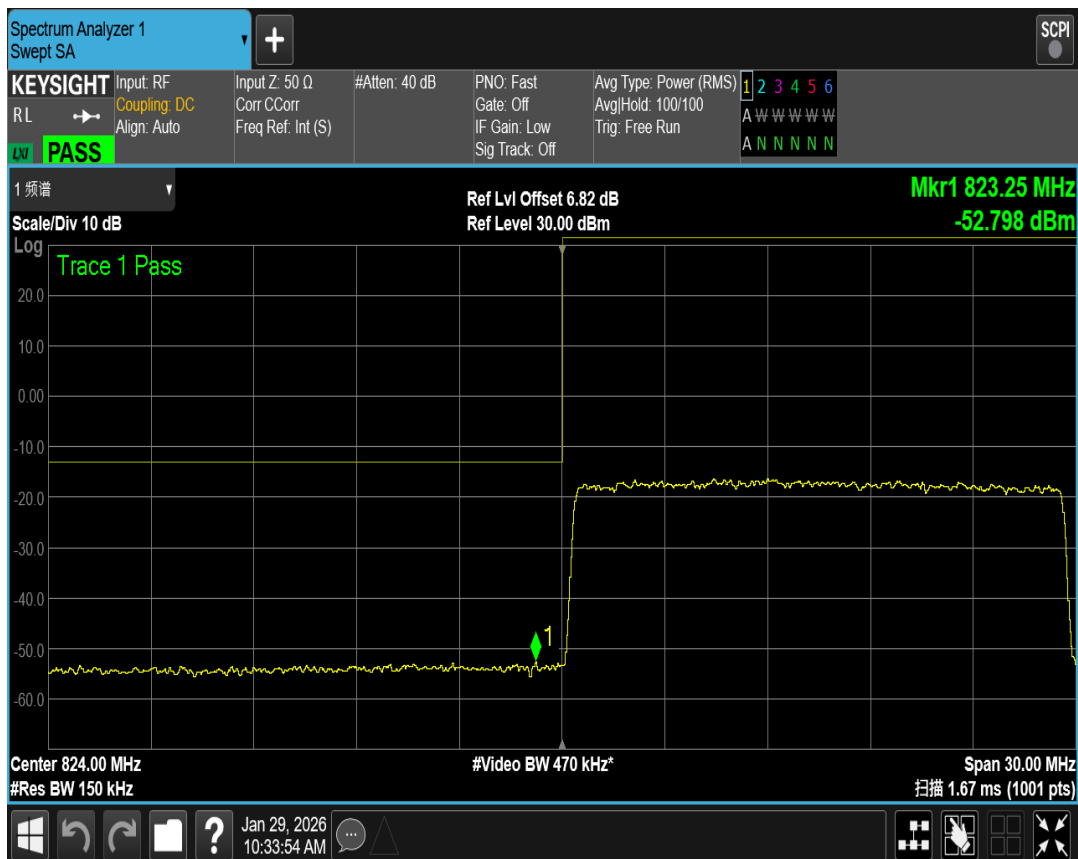
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@0



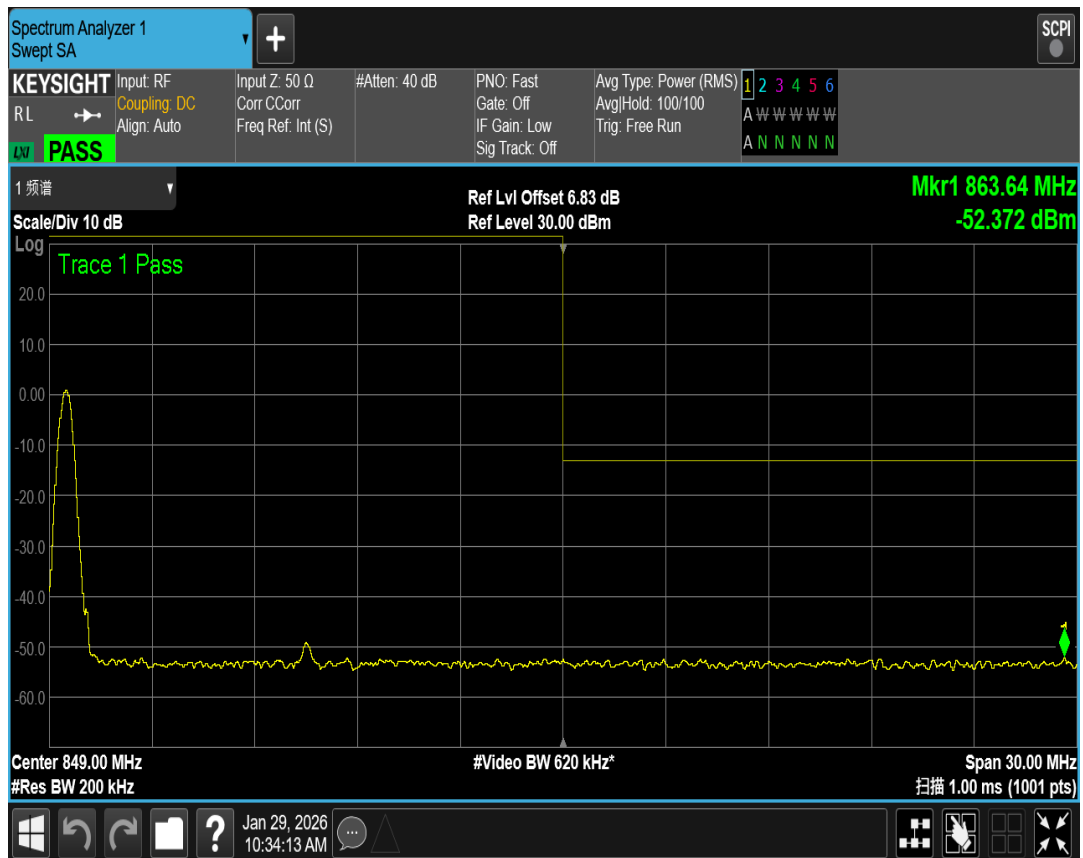
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@78



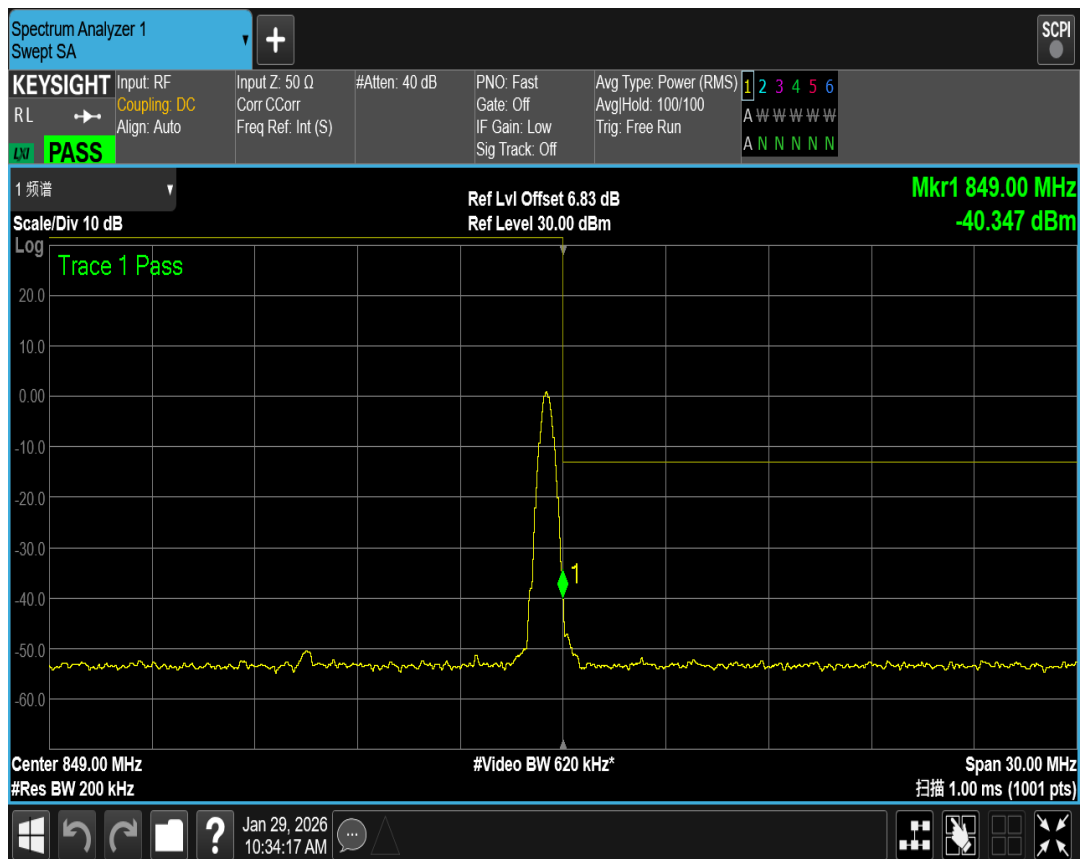
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=79@0



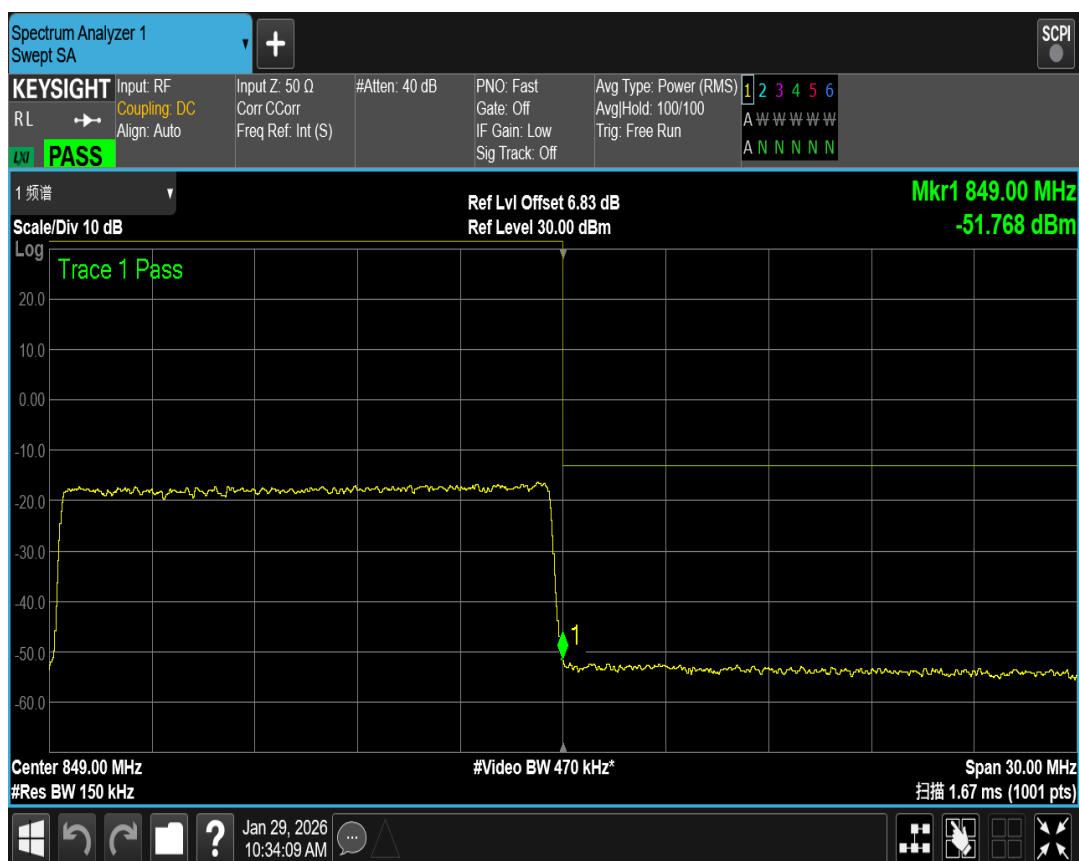
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@0



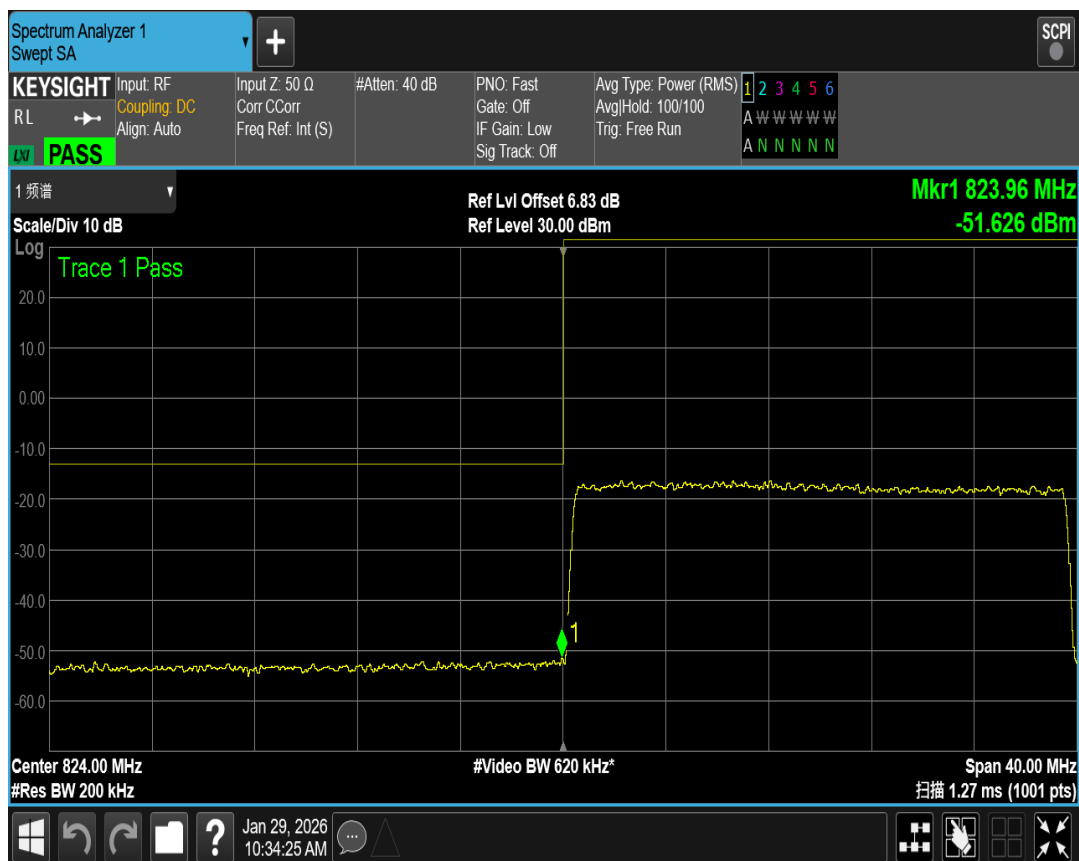
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=1@78



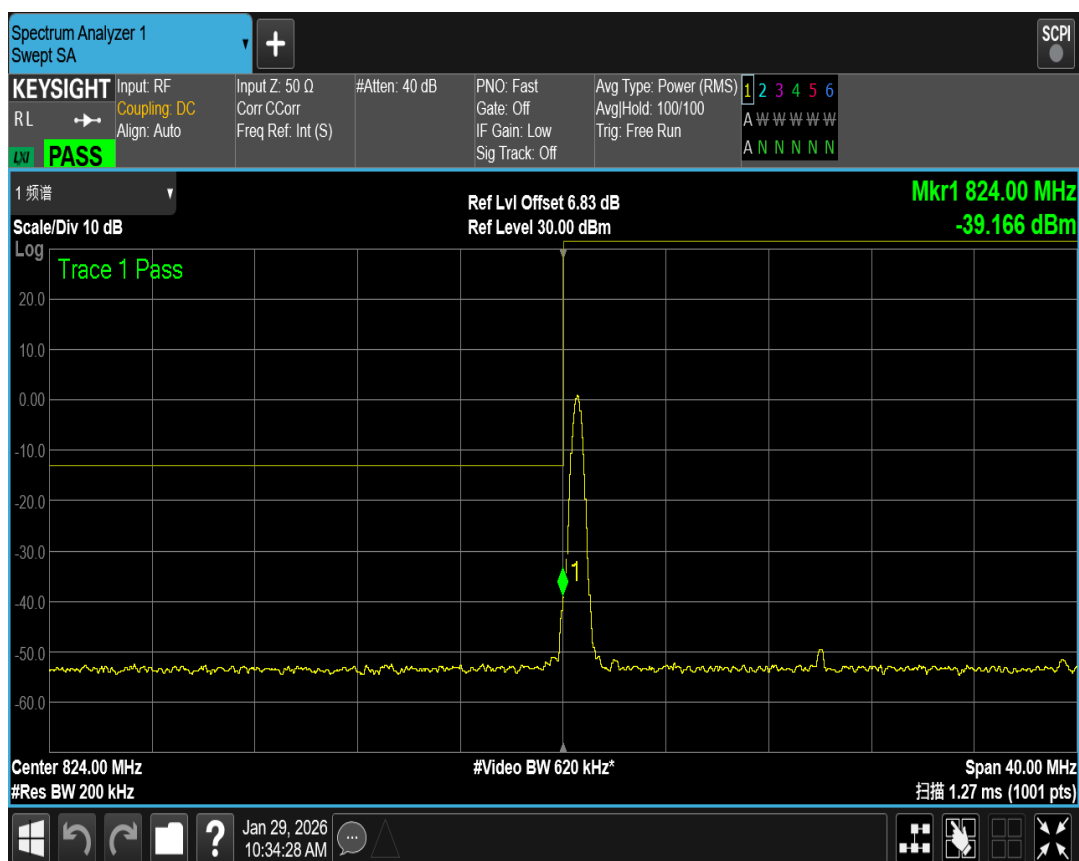
n5 SCS=15kHz CP_QPSK BW=15MHz Channel=168300 RB=79@0



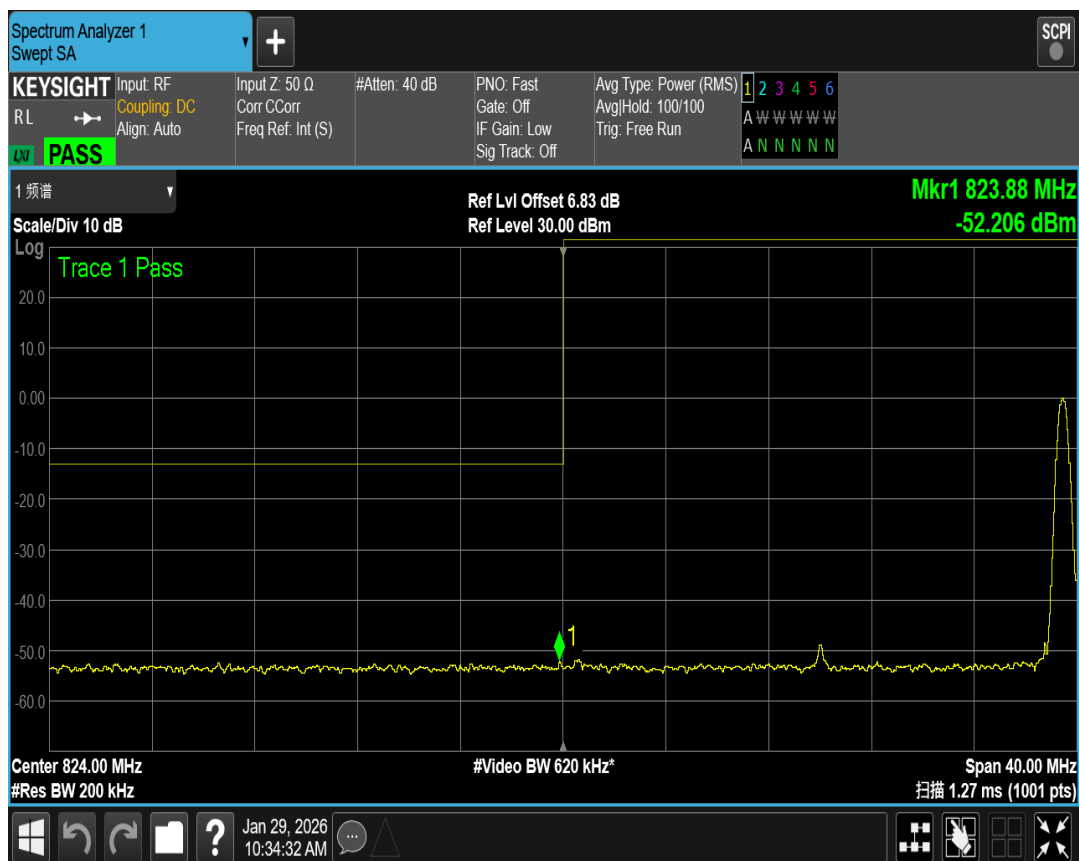
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=106@0



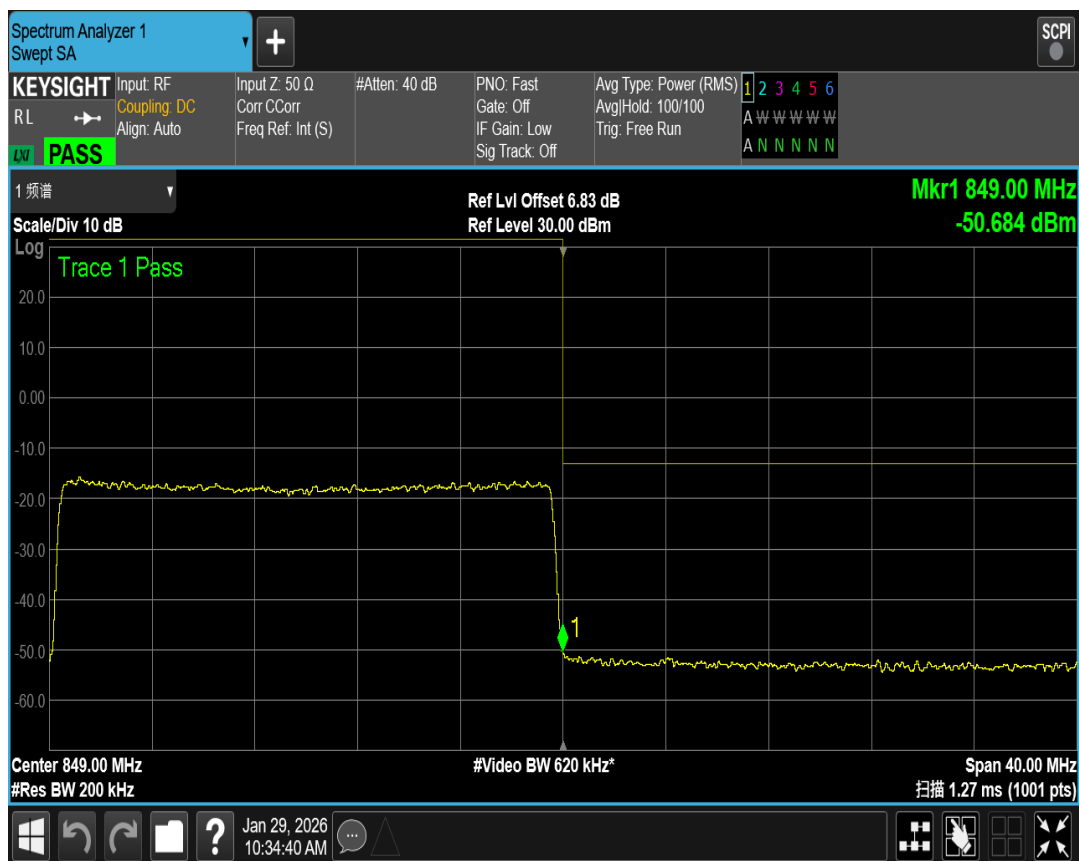
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@0



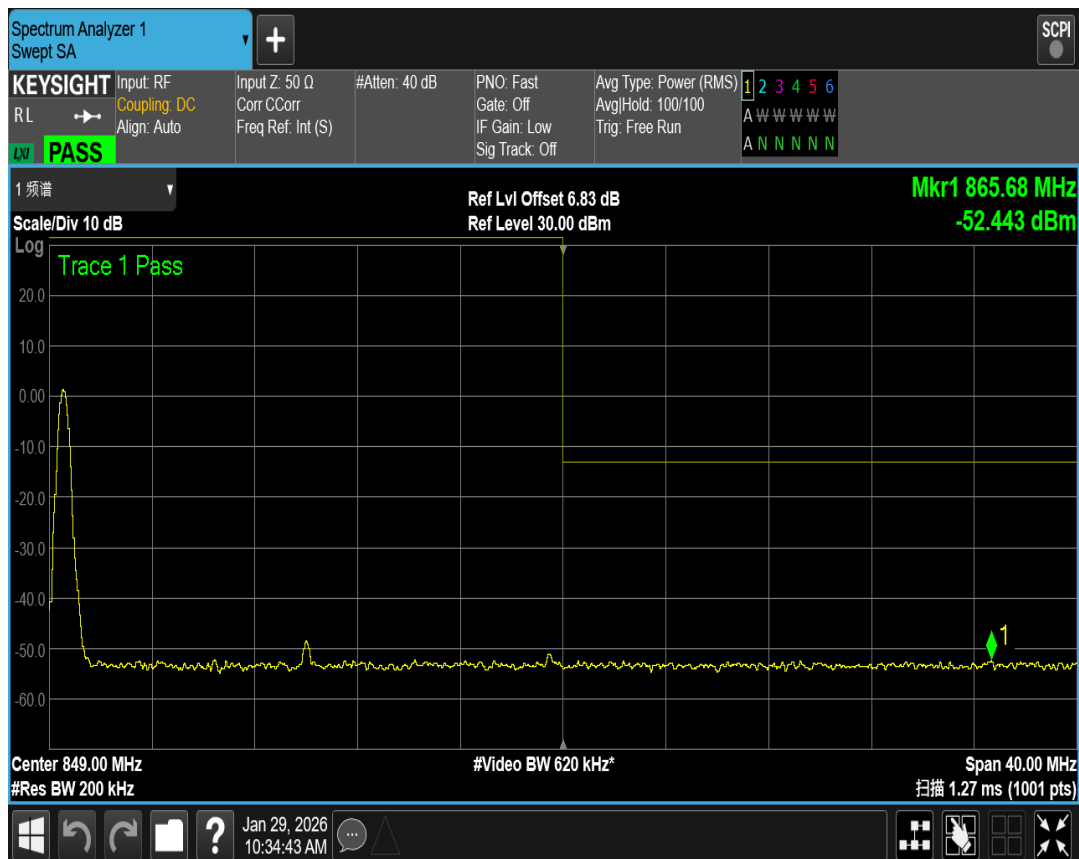
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=1@105



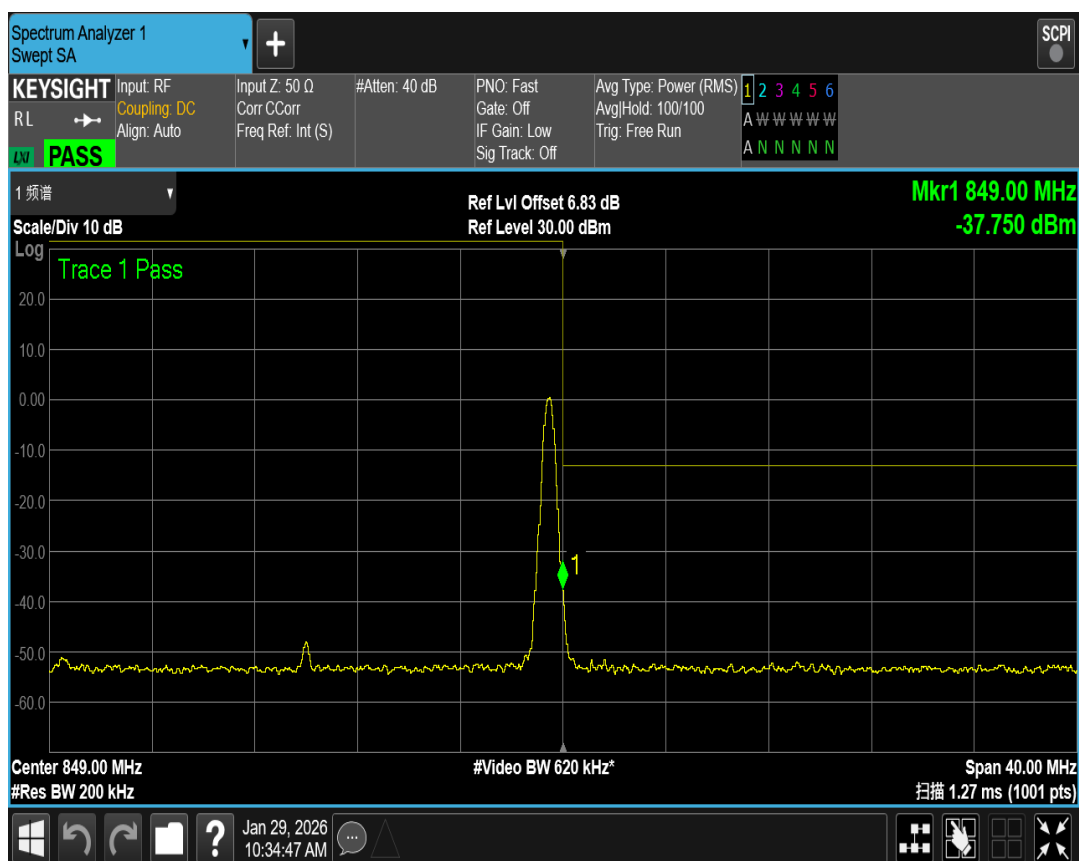
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=106@0



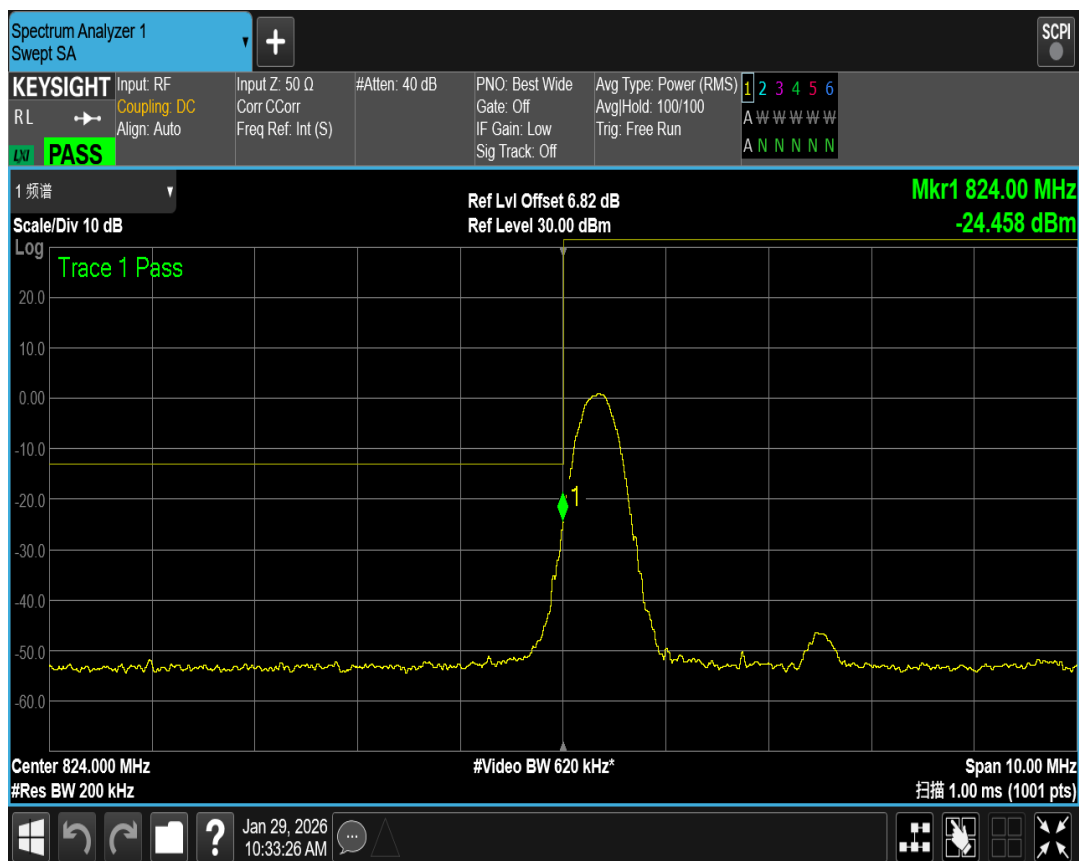
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@0



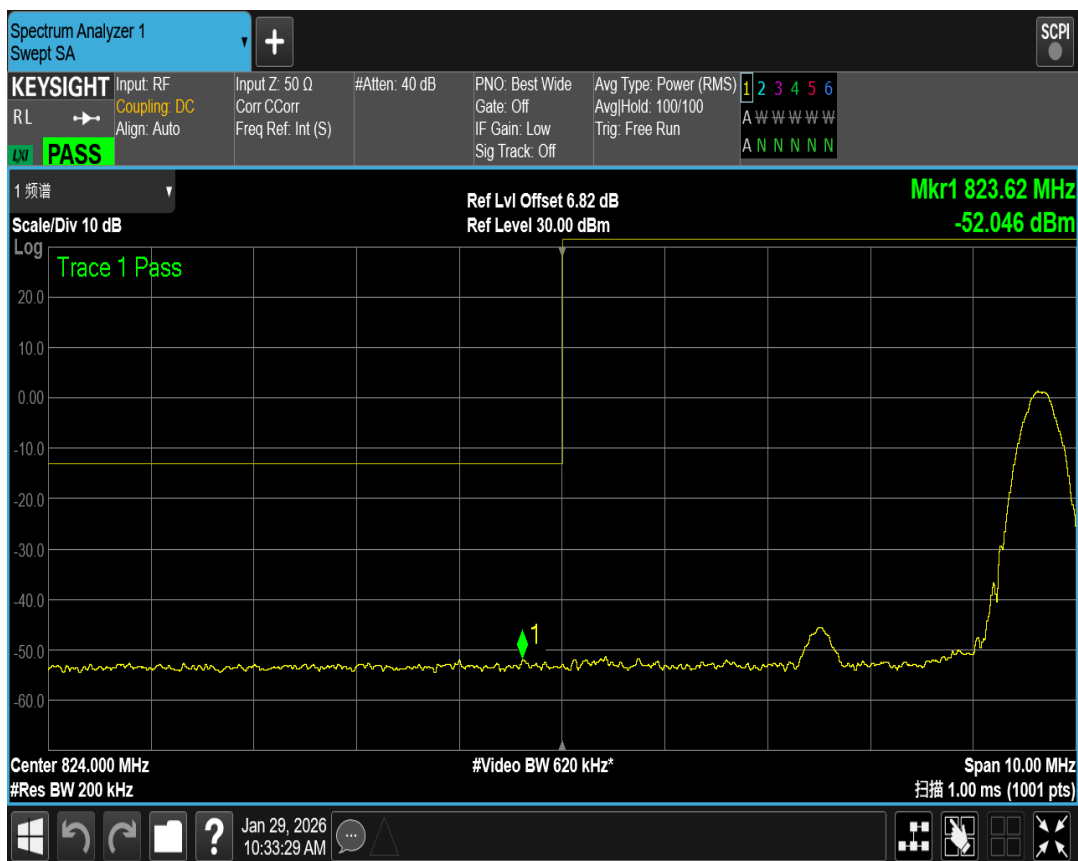
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=1@105



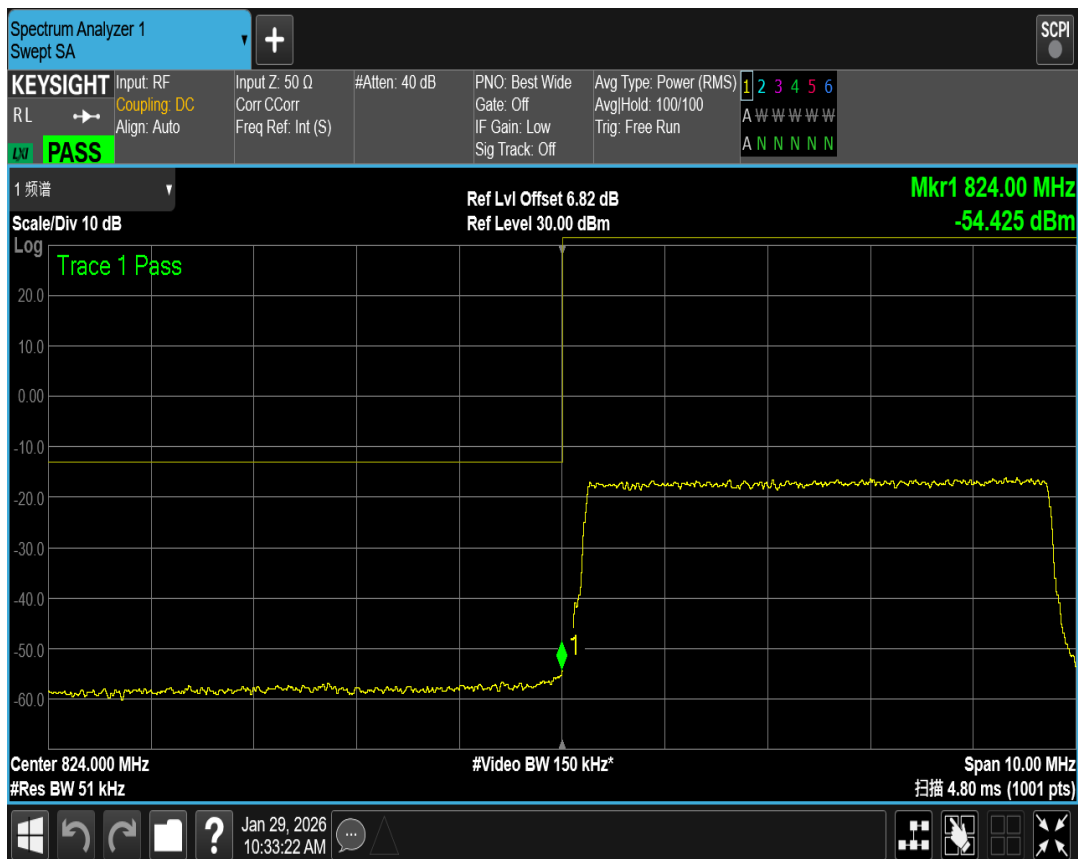
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@0



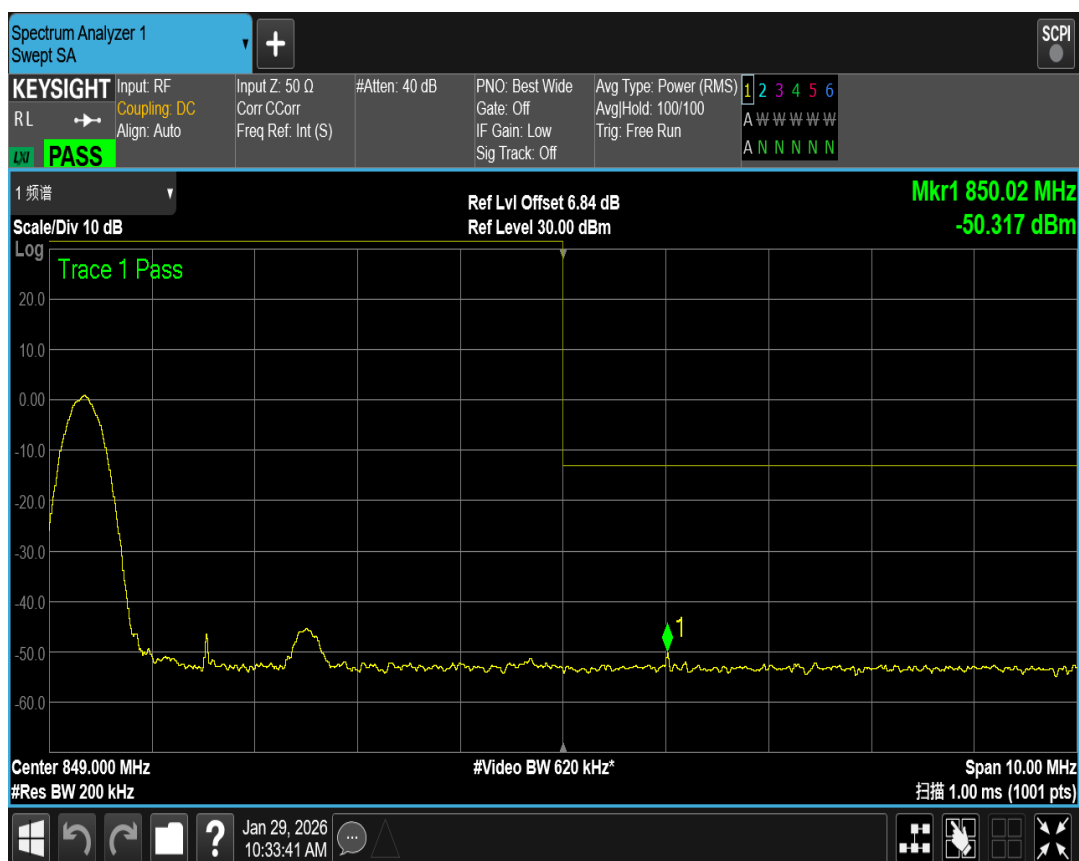
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=1@24



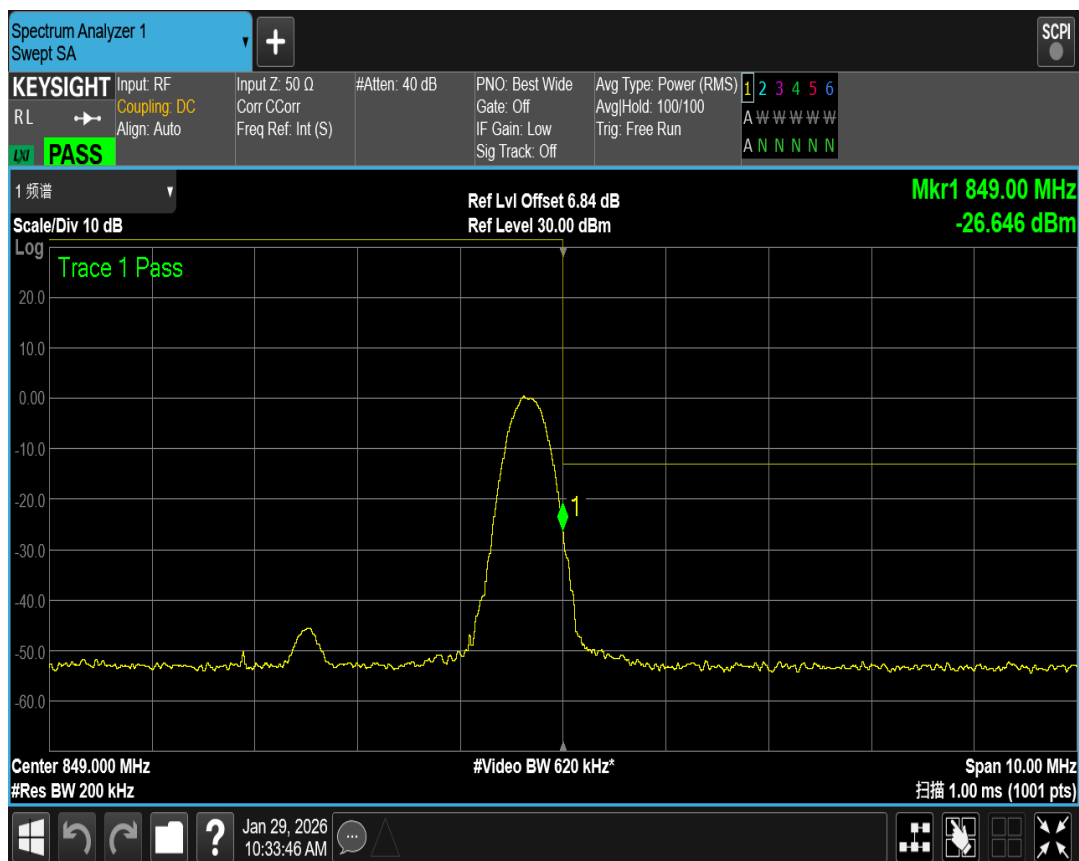
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=25@0



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



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



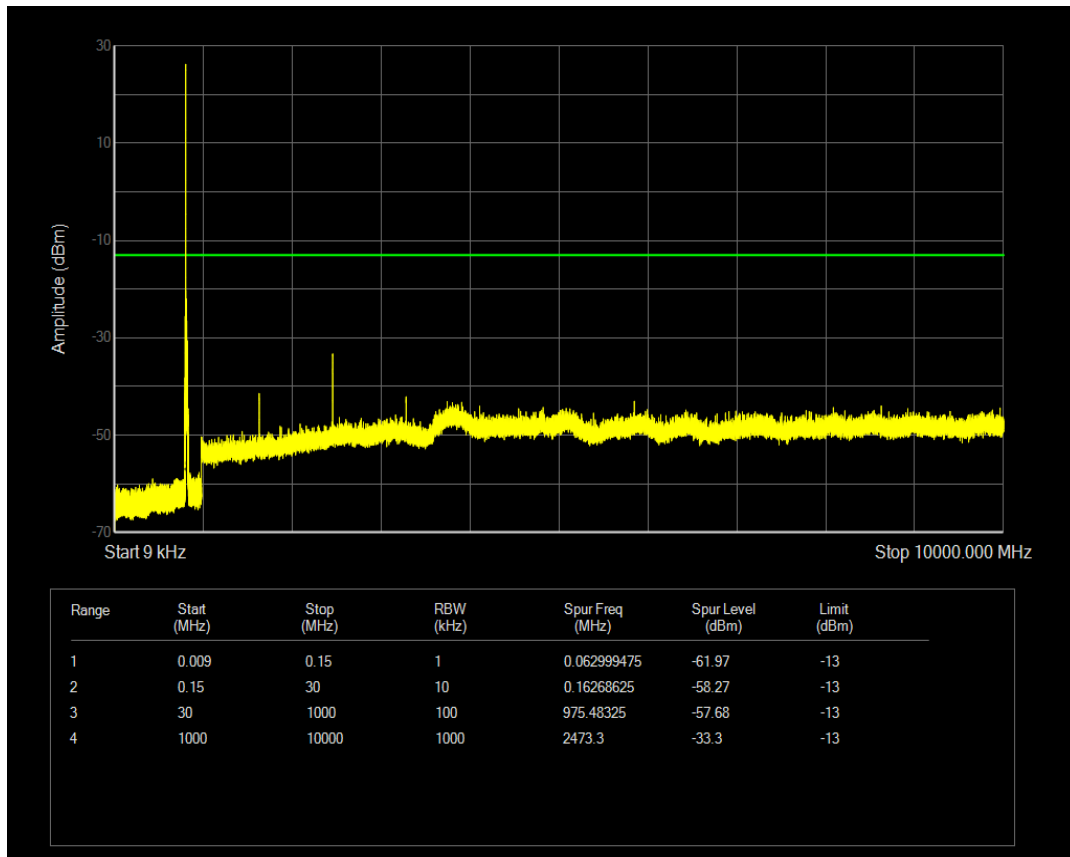
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=169300 RB=25@0



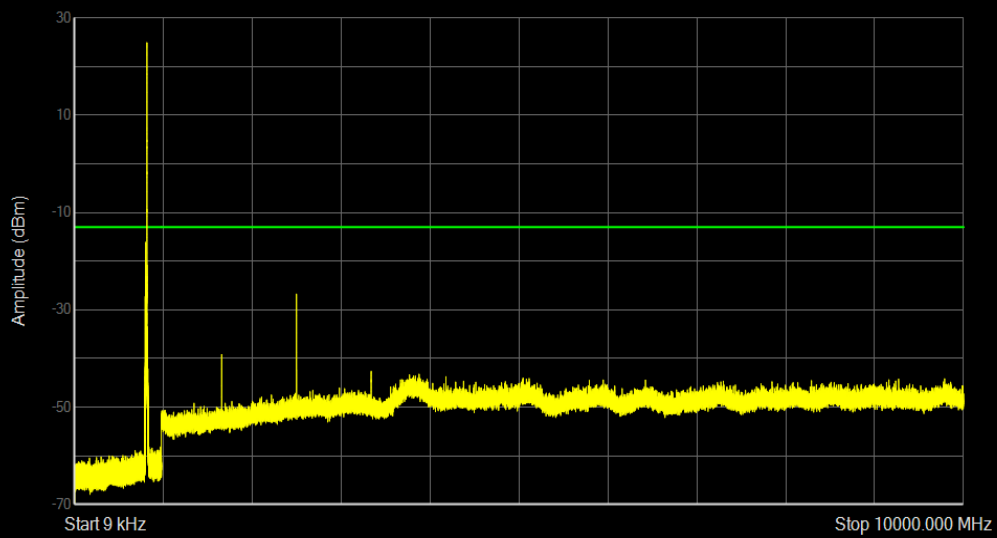
6 Out-of-band emissions for NR FR1

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	2478.03	-36.79	-13	PASS
n5	15	5	165300	1@0	CP_QPSK	2473.08	-31.69	-13	PASS
n5	15	5	165300	1@24	CP_QPSK	2486.13	-32.67	-13	PASS
n5	15	5	169300	25@0	CP_QPSK	2539.23	-34.70	-13	PASS
n5	15	5	169300	1@0	CP_QPSK	2533.15	-31.53	-13	PASS
n5	15	5	169300	1@24	CP_QPSK	2545.98	-32.97	-13	PASS
n5	15	15	166300	79@0	CP_QPSK	2499.18	-41.22	-13	PASS
n5	15	15	166300	1@0	CP_QPSK	2473.30	-33.30	-13	PASS
n5	15	15	166300	1@78	CP_QPSK	2515.60	-26.76	-13	PASS
n5	15	15	168300	79@0	CP_QPSK	2531.13	-39.31	-13	PASS
n5	15	15	168300	1@0	CP_QPSK	2503.45	-26.62	-13	PASS
n5	15	15	168300	1@78	CP_QPSK	2545.75	-29.29	-13	PASS
n5	15	20	166800	106@0	CP_QPSK	2492.65	-41.96	-13	PASS
n5	15	20	166800	1@0	CP_QPSK	2473.98	-28.06	-13	PASS
n5	15	20	166800	1@105	CP_QPSK	2530.00	-34.08	-13	PASS
n5	15	20	167800	106@0	CP_QPSK	2501.20	-41.68	-13	PASS
n5	15	20	167800	1@0	CP_QPSK	2488.83	-31.00	-13	PASS
n5	15	20	167800	1@105	CP_QPSK	2545.53	-27.83	-13	PASS

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

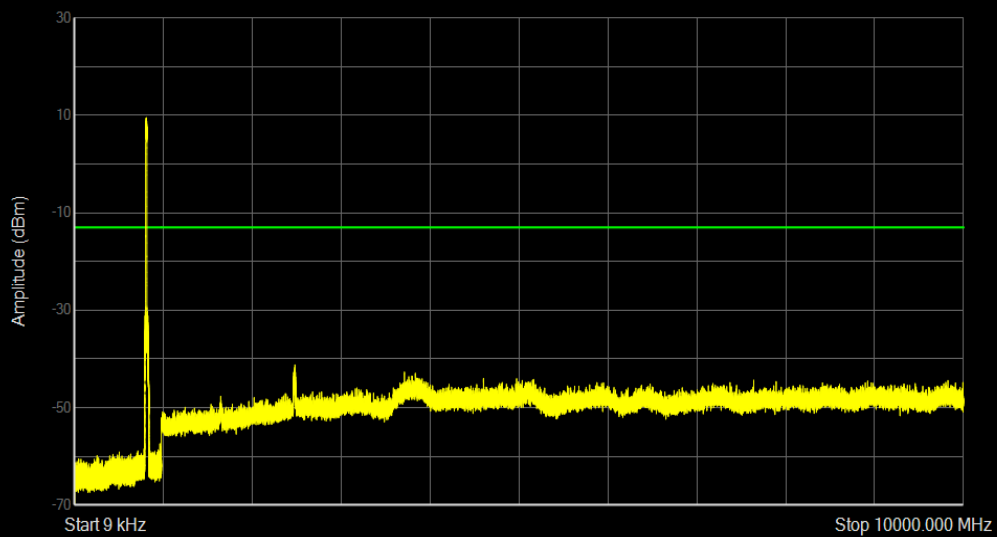


n5 SCS=15kHz CP_QPSK BW=15MHz Channel=166300 RB=1@78



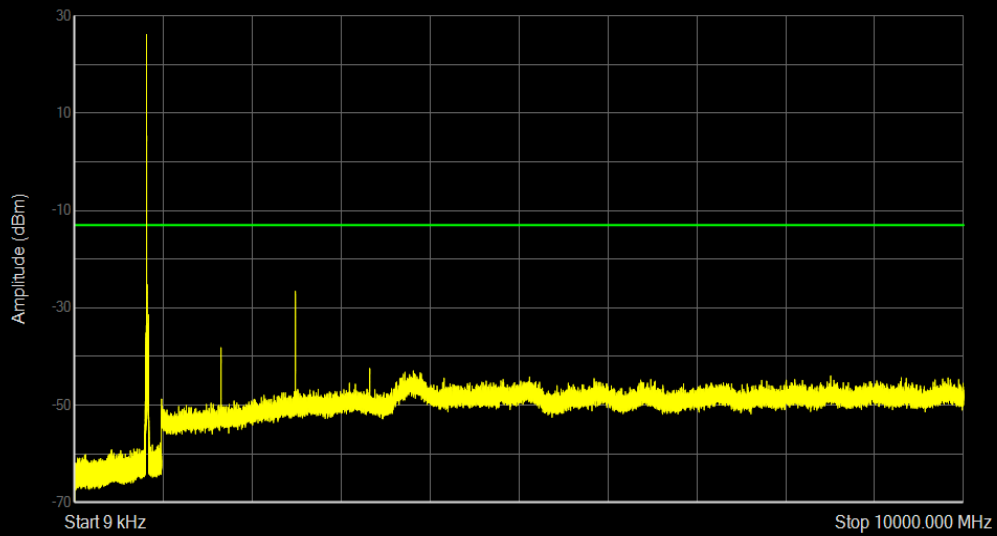
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062872575	-62.43	-13
2	0.15	30	10	0.164925	-58.95	-13
3	30	1000	100	990.979	-58.18	-13
4	1000	10000	1000	2515.6	-26.76	-13

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



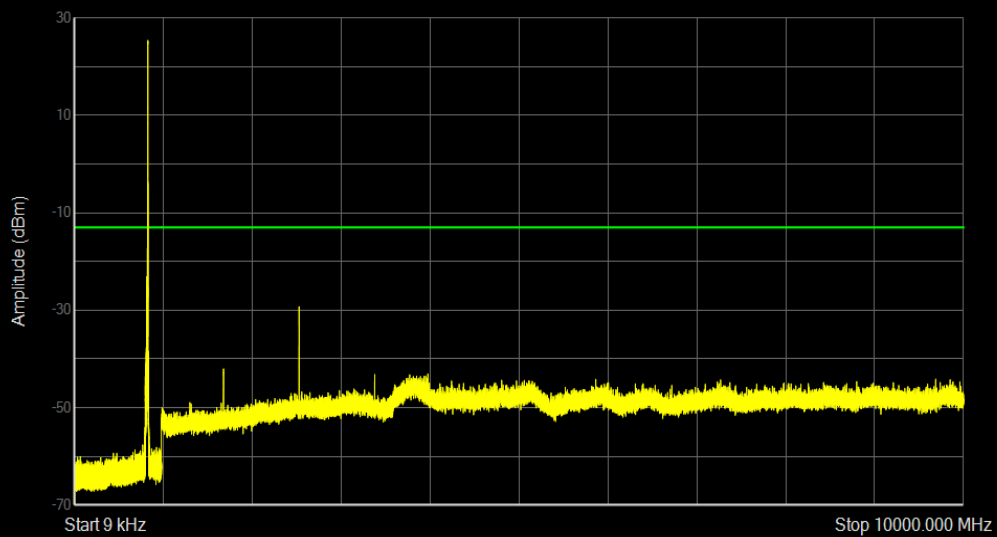
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062625825	-63.43	-13
2	0.15	30	10	0.15223875	-59.37	-13
3	30	1000	100	984.11625	-57.42	-13
4	1000	10000	1000	2499.175	-41.22	-13

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



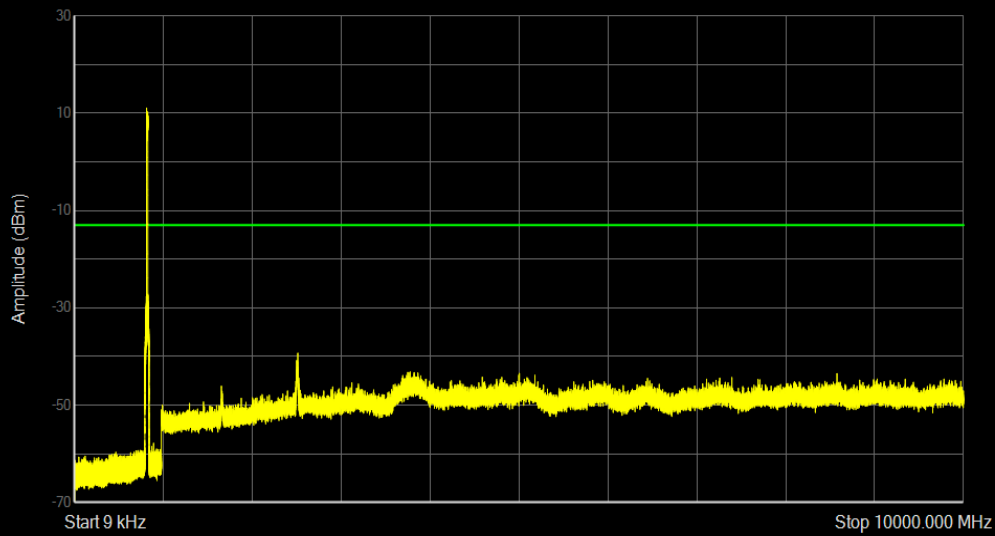
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062061825	-61.89	-13
2	0.15	30	10	0.15074625	-58.38	-13
3	30	1000	100	990.009	-57.72	-13
4	1000	10000	1000	2503.45	-26.62	-13

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



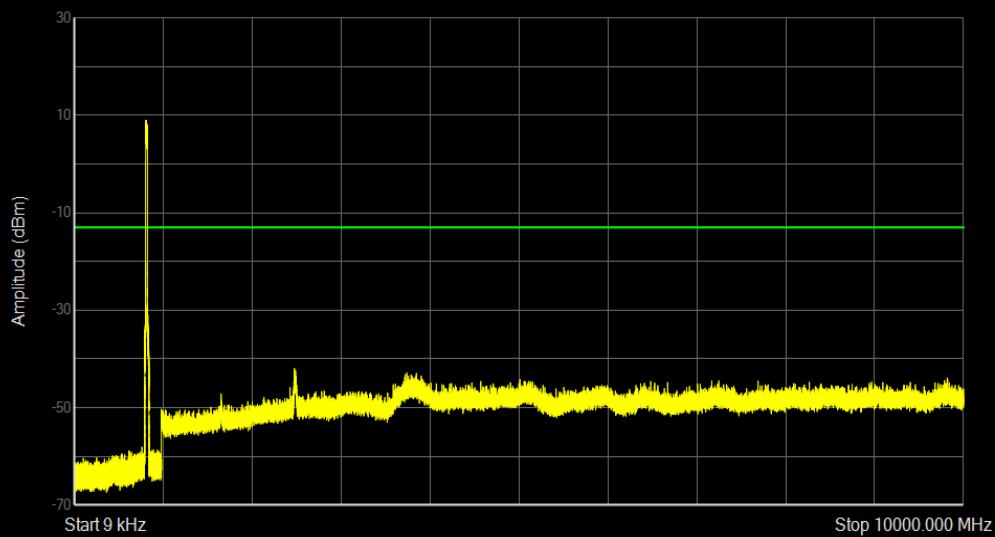
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062562375	-61.54	-13
2	0.15	30	10	0.15	-58.76	-13
3	30	1000	100	945.02525	-58.18	-13
4	1000	10000	1000	2545.75	-29.29	-13

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



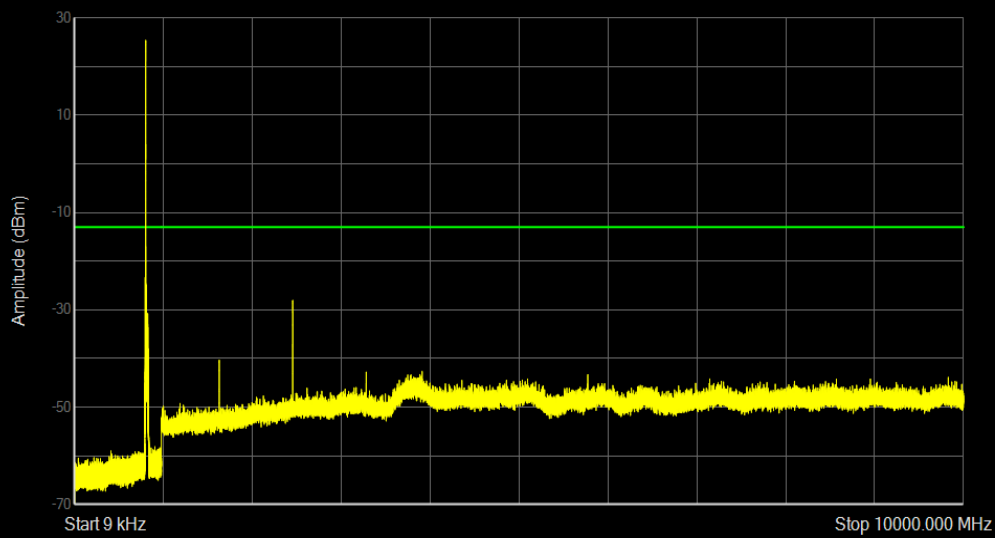
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062943075	-62.92	-13
2	0.15	30	10	0.15	-59.08	-13
3	30	1000	100	912.6515	-57.83	-13
4	1000	10000	1000	2531.125	-39.31	-13

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



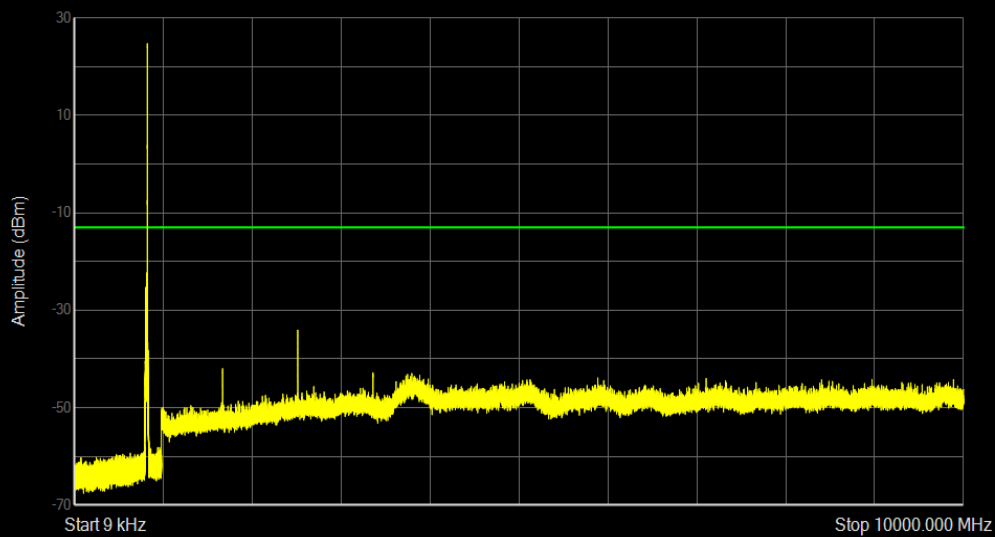
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062435475	-63.81	-13
2	0.15	30	10	0.15	-58.04	-13
3	30	1000	100	952.34875	-58.71	-13
4	1000	10000	1000	2492.65	-41.96	-13

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



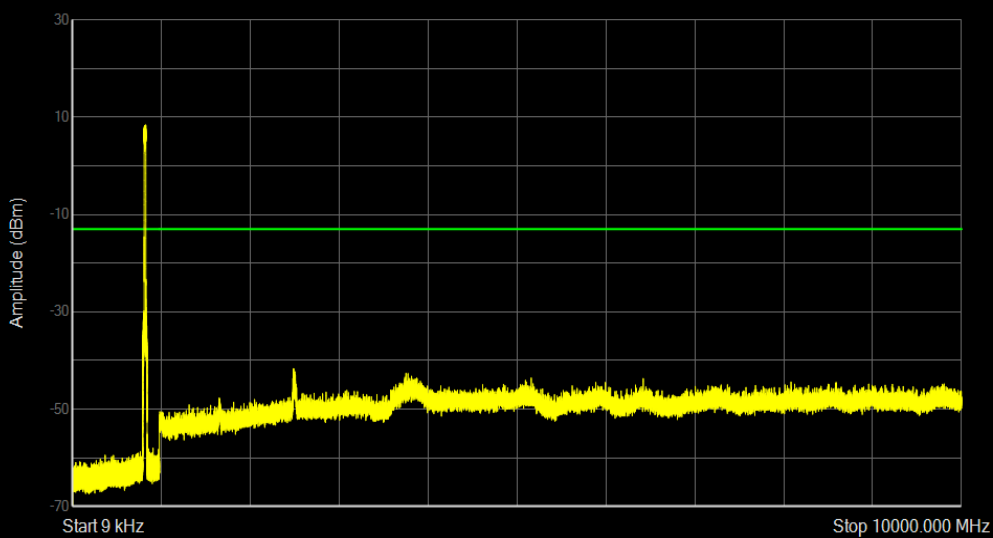
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062668125	-60.56	-13
2	0.15	30	10	0.15373125	-57.85	-13
3	30	1000	100	982.32175	-58.34	-13
4	1000	10000	1000	2473.975	-28.06	-13

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



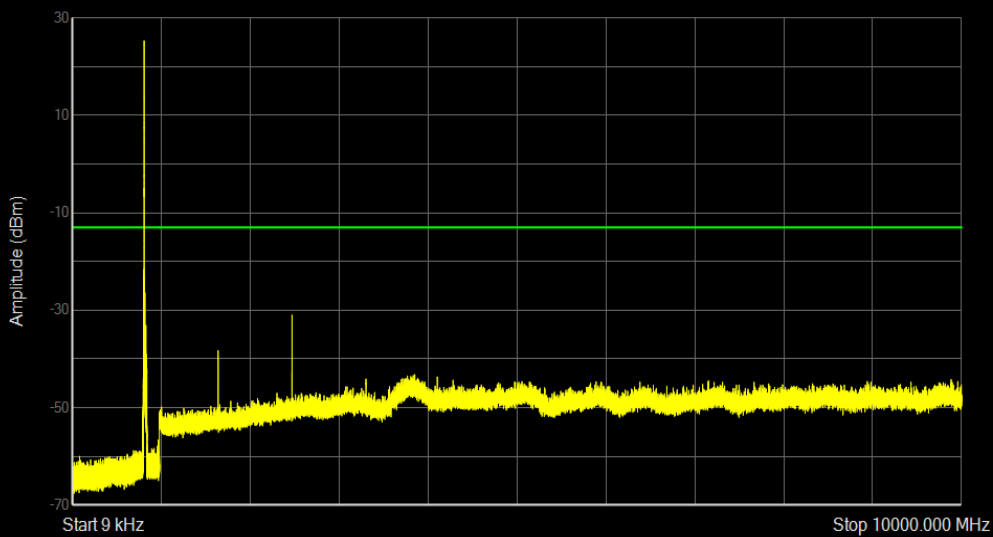
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062689275	-62.1	-13
2	0.15	30	10	0.16865625	-60.39	-13
3	30	1000	100	959.23575	-58.16	-13
4	1000	10000	1000	2530	-34.08	-13

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



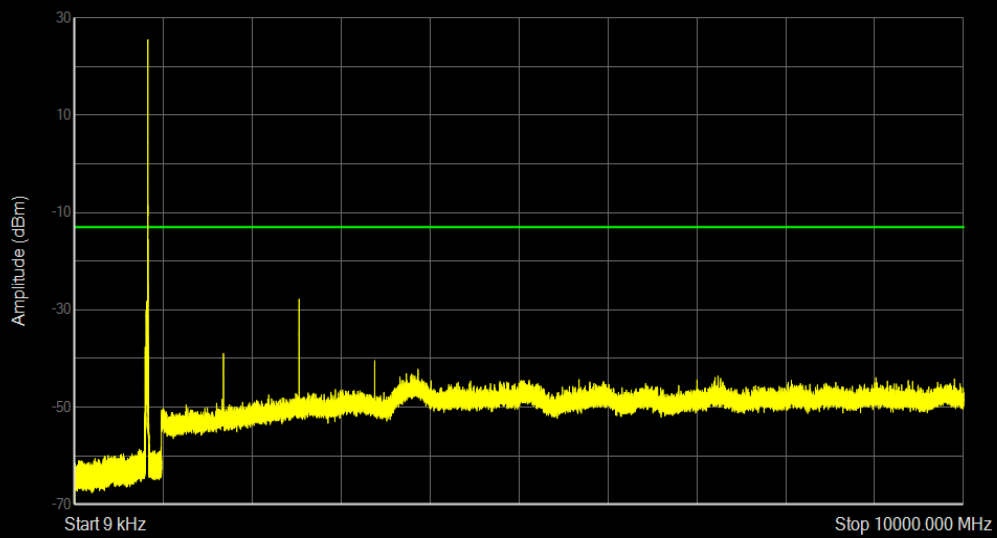
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0630453	-61.52	-13
2	0.15	30	10	0.15223875	-60.38	-13
3	30	1000	100	929.69925	-58.03	-13
4	1000	10000	1000	2501.2	-41.68	-13

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



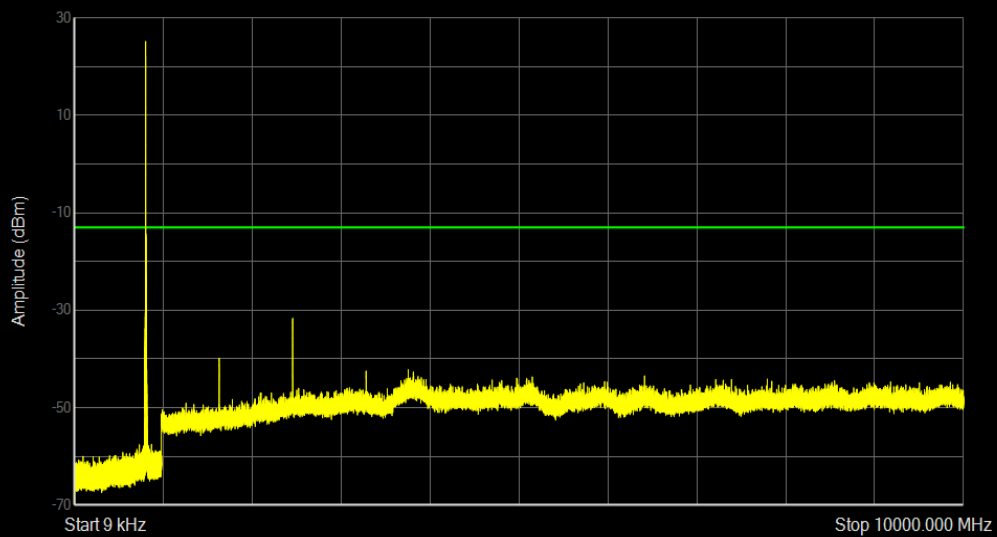
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062646975	-61.25	-13
2	0.15	30	10	0.15373125	-58.84	-13
3	30	1000	100	987.8265	-56.63	-13
4	1000	10000	1000	2488.825	-31	-13

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



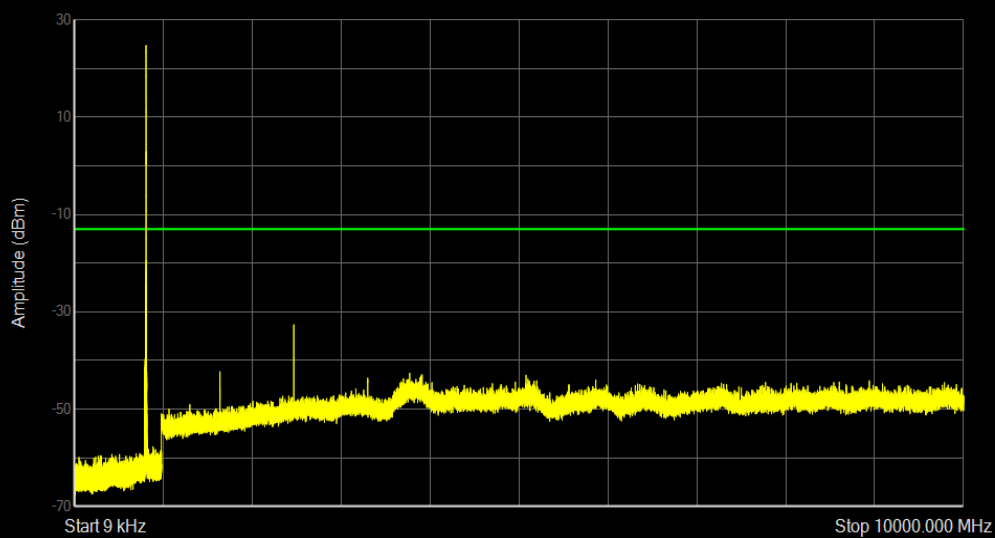
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063175725	-61.68	-13
2	0.15	30	10	0.1514925	-59.1	-13
3	30	1000	100	996.82325	-58.2	-13
4	1000	10000	1000	2545.525	-27.83	-13

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



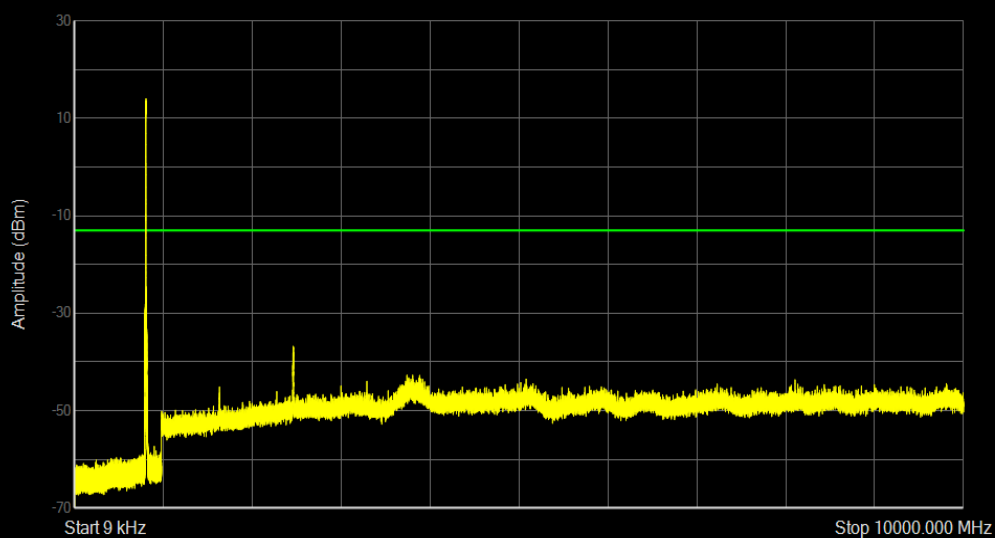
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062816175	-62.46	-13
2	0.15	30	10	0.15373125	-59.43	-13
3	30	1000	100	889.808	-57.56	-13
4	1000	10000	1000	2473.075	-31.69	-13

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



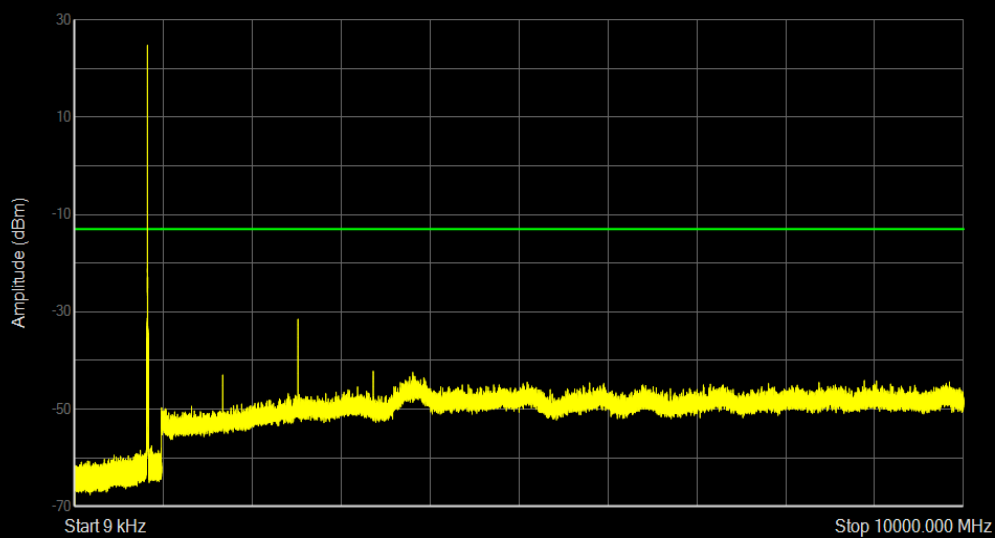
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062721	-62.73	-13
2	0.15	30	10	0.15	-58.88	-13
3	30	1000	100	907.97125	-57.72	-13
4	1000	10000	1000	2486.125	-32.67	-13

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



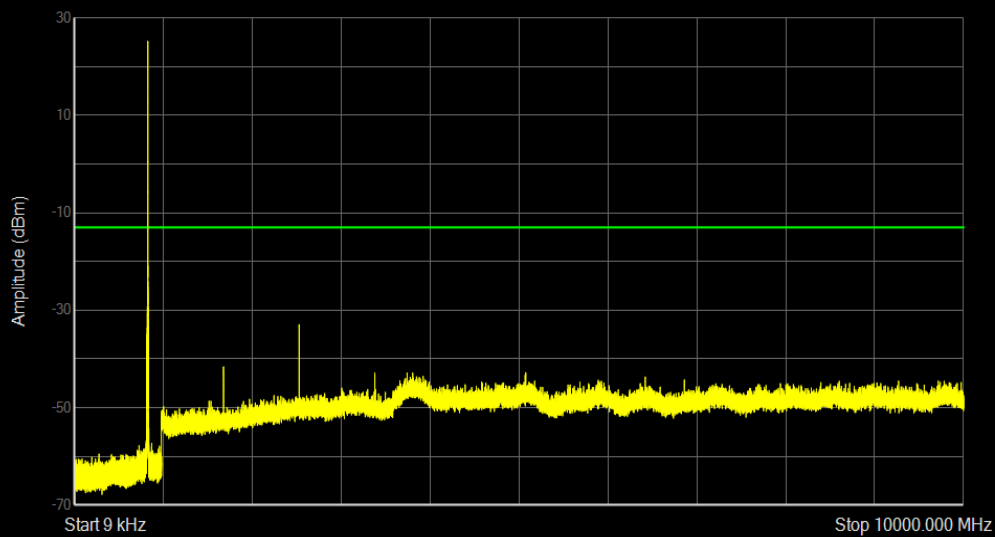
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062773875	-63.07	-13
2	0.15	30	10	0.15820875	-58.19	-13
3	30	1000	100	921.26025	-57.35	-13
4	1000	10000	1000	2478.025	-36.79	-13

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



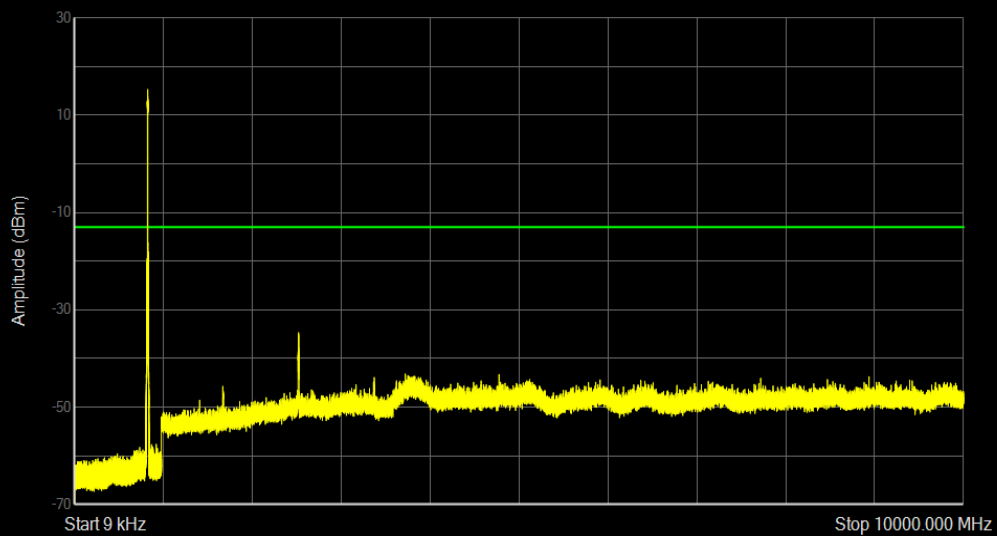
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062759775	-61.34	-13
2	0.15	30	10	0.152985	-58.39	-13
3	30	1000	100	891.1175	-57.54	-13
4	1000	10000	1000	2533.15	-31.53	-13

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	0.06268575	-61.72	-13
2	0.15	30	10	0.1544775	-58.7	-13
3	30	1000	100	892.79075	-57.29	-13
4	1000	10000	1000	2545.975	-32.97	-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	0.0629184	-63.68	-13
2	0.15	30	10	0.1574625	-59.21	-13
3	30	1000	100	941.9455	-57.64	-13
4	1000	10000	1000	2539.225	-34.7	-13