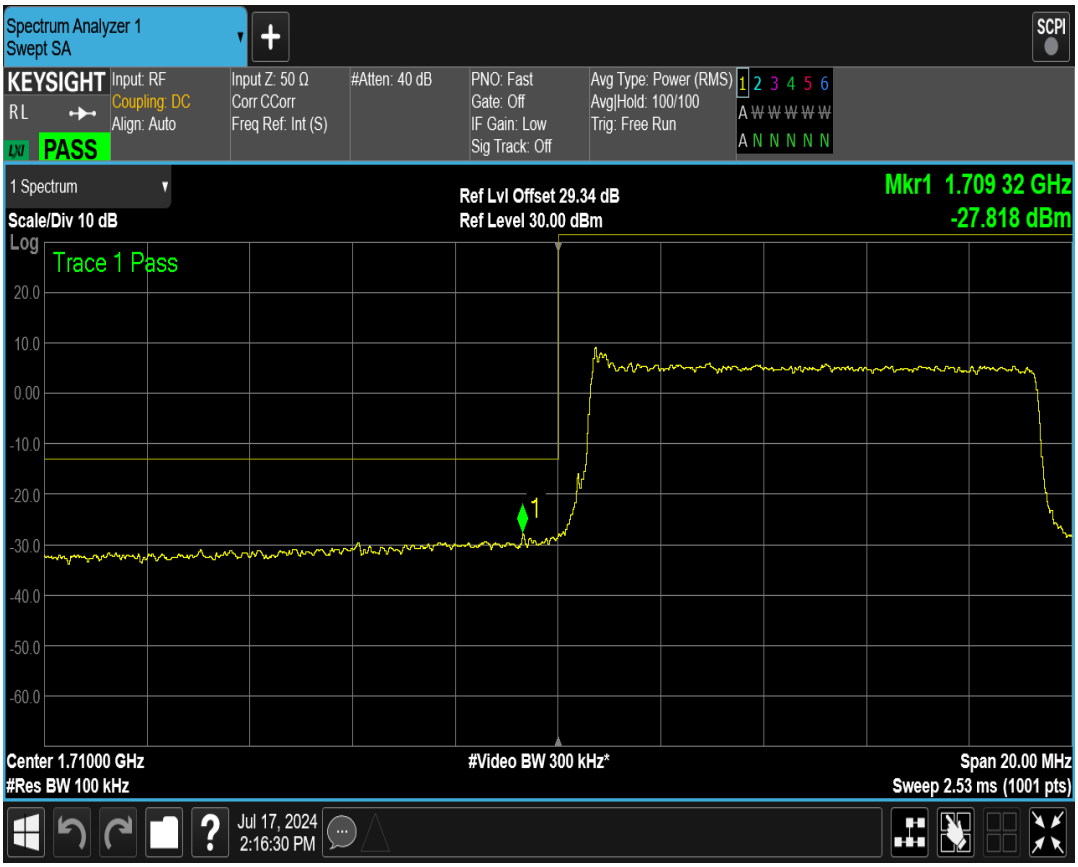
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	30	10	343000	24@0	CP_QPSK	1709.32	-27.81	-13	PASS
n66	30	10	343000	1@0	CP_QPSK	1710.00	-23.91	-13	PASS
n66	30	10	343000	1@23	CP_QPSK	1709.90	-28.42	-13	PASS
n66	30	10	355000	24@0	CP_QPSK	1781.04	-29.74	-13	PASS
n66	30	10	355000	1@0	CP_QPSK	1782.04	-28.88	-13	PASS
n66	30	10	355000	1@23	CP_QPSK	1780.00	-25.06	-13	PASS
n66	30	20	344000	51@0	CP_QPSK	1705.08	-27.59	-13	PASS
n66	30	20	344000	1@0	CP_QPSK	1710.00	-26.78	-13	PASS
n66	30	20	344000	1@50	CP_QPSK	1691.04	-29.00	-13	PASS
n66	30	20	354000	51@0	CP_QPSK	1780.52	-27.65	-13	PASS
n66	30	20	354000	1@0	CP_QPSK	1791.16	-28.76	-13	PASS
n66	30	20	354000	1@50	CP_QPSK	1780.00	-28.64	-13	PASS
n66	30	40	346000	106@0	CP_QPSK	1710.00	-19.21	-13	PASS
n66	30	40	346000	1@0	CP_QPSK	1710.00	-24.09	-13	PASS
n66	30	40	346000	1@105	CP_QPSK	1700.00	-28.79	-13	PASS
n66	30	40	352000	106@0	CP_QPSK	1780.00	-25.25	-13	PASS
n66	30	40	352000	1@0	CP_QPSK	1782.96	-29.14	-13	PASS
n66	30	40	352000	1@105	CP_QPSK	1780.00	-24.86	-13	PASS

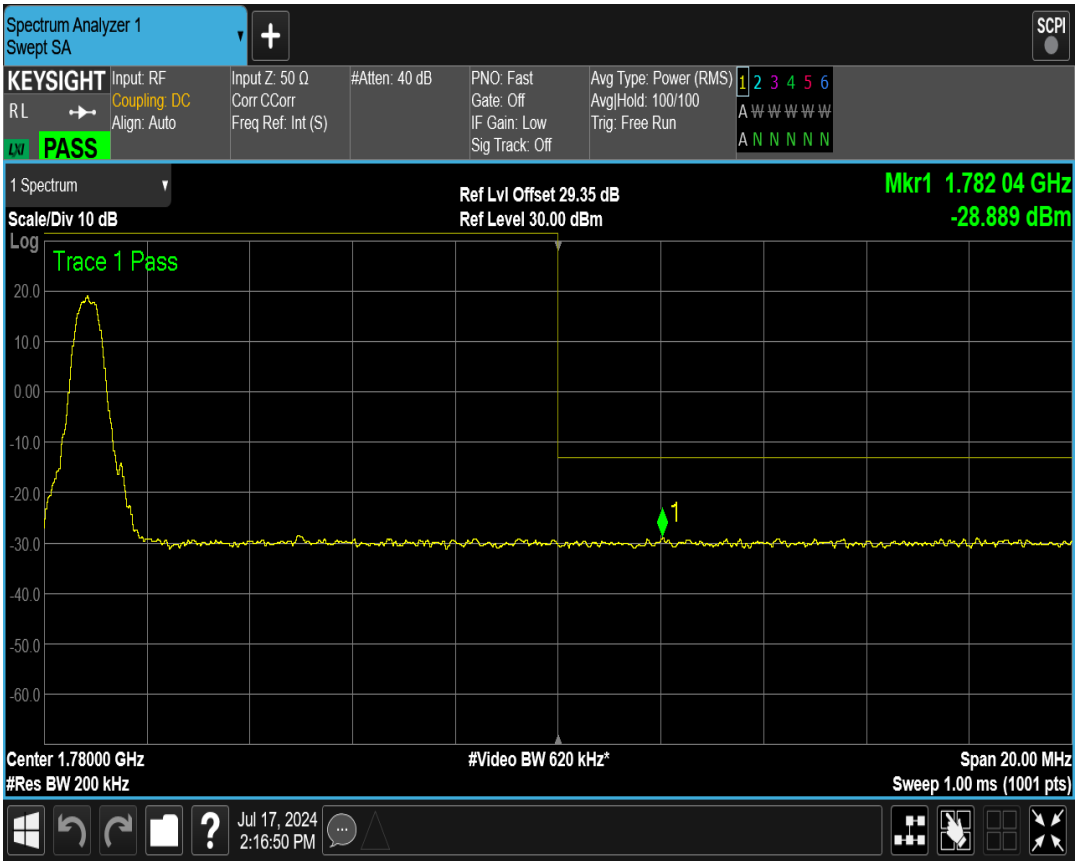
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@0

n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@23

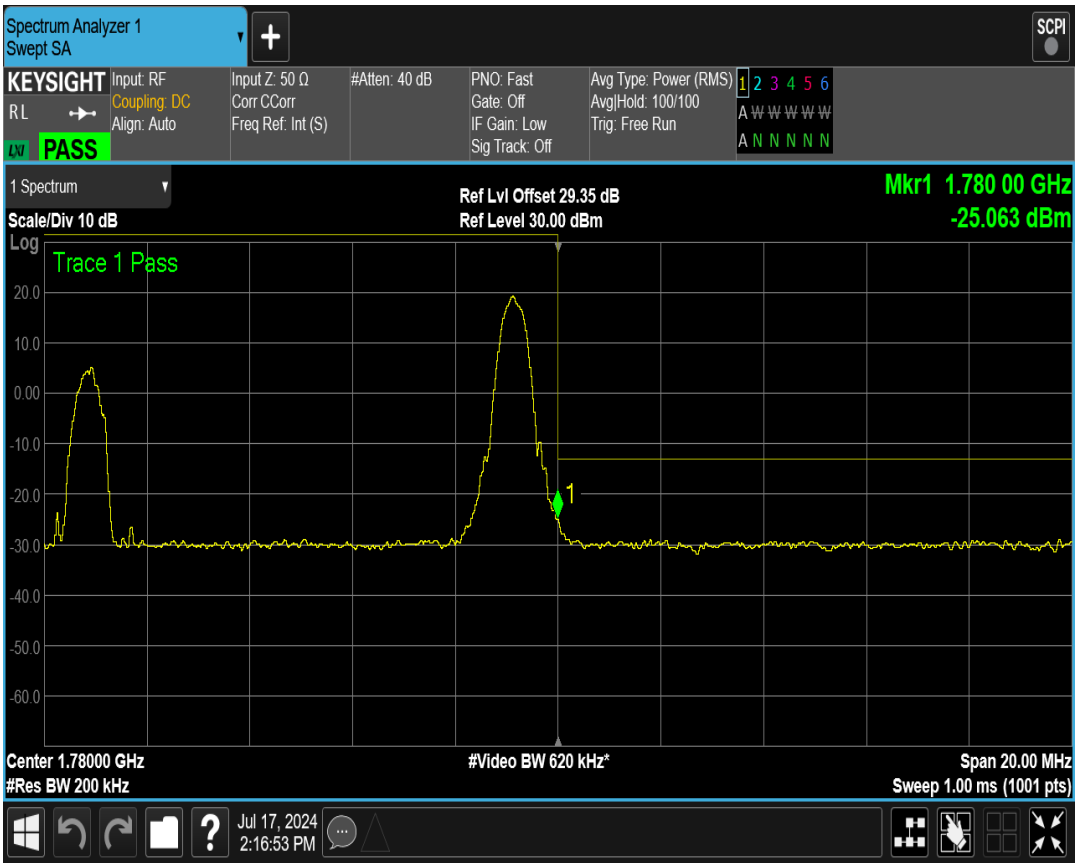
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0



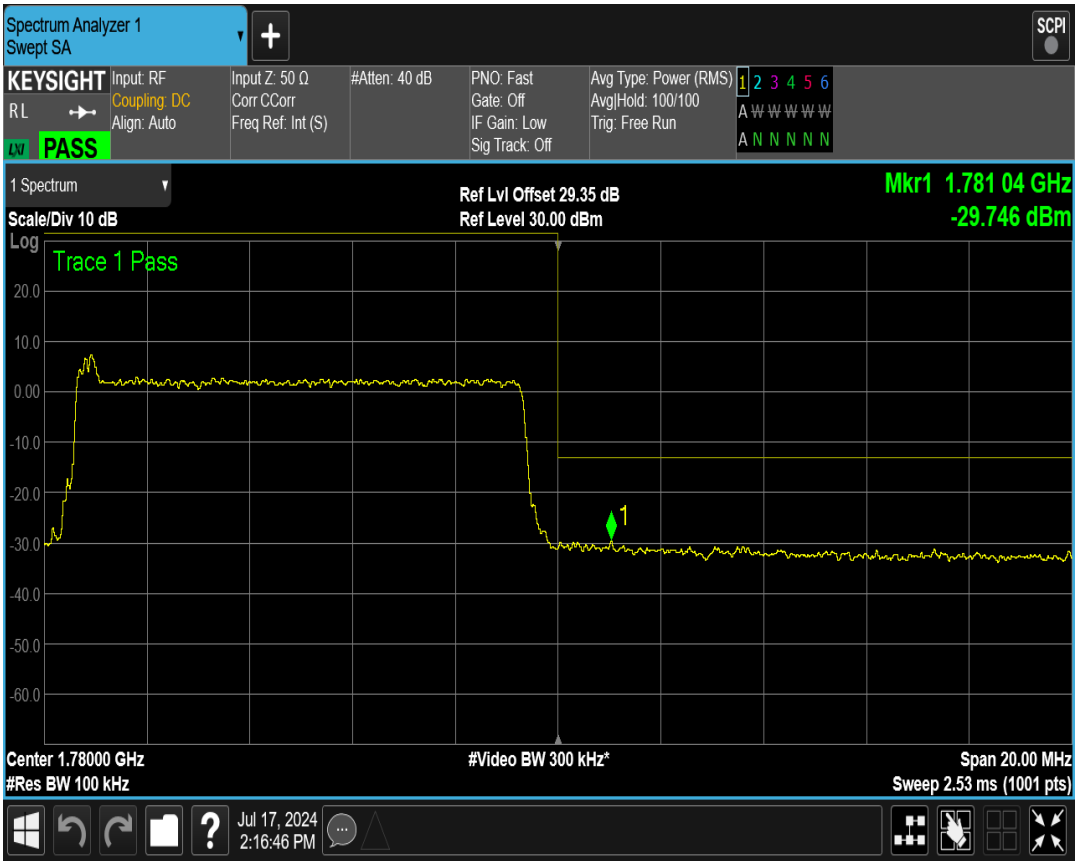
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@0



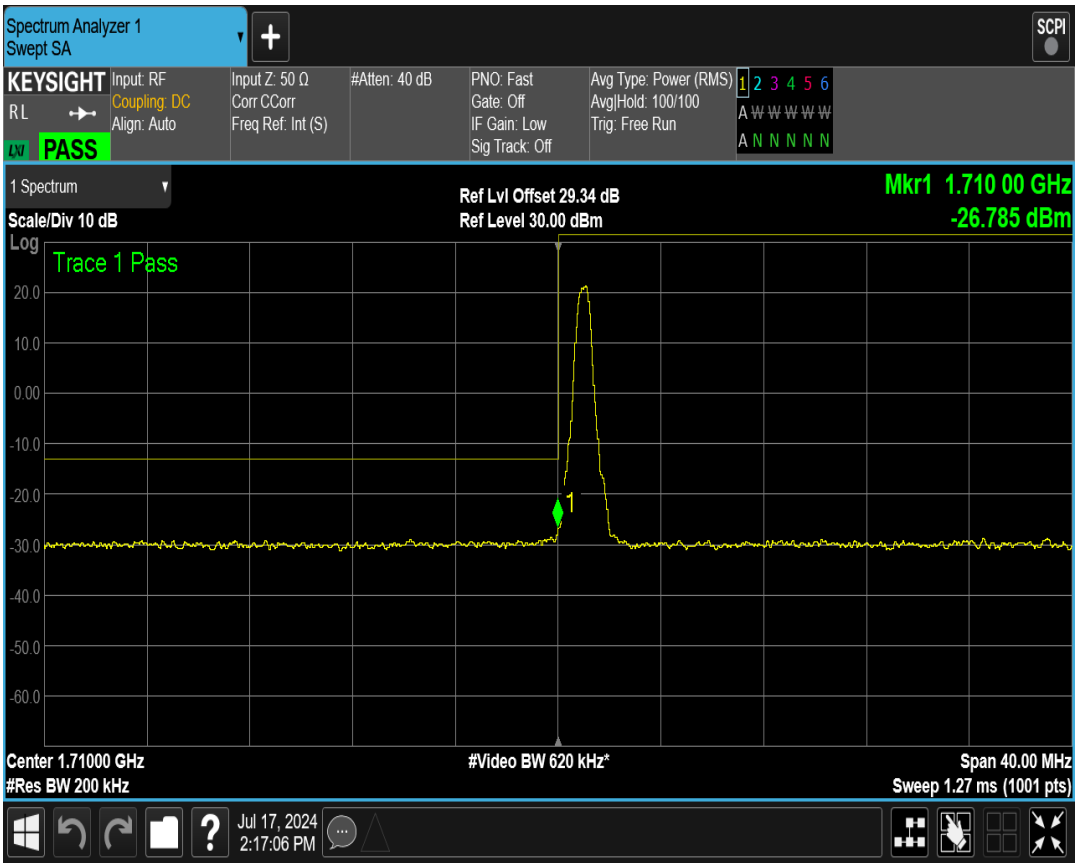
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@23



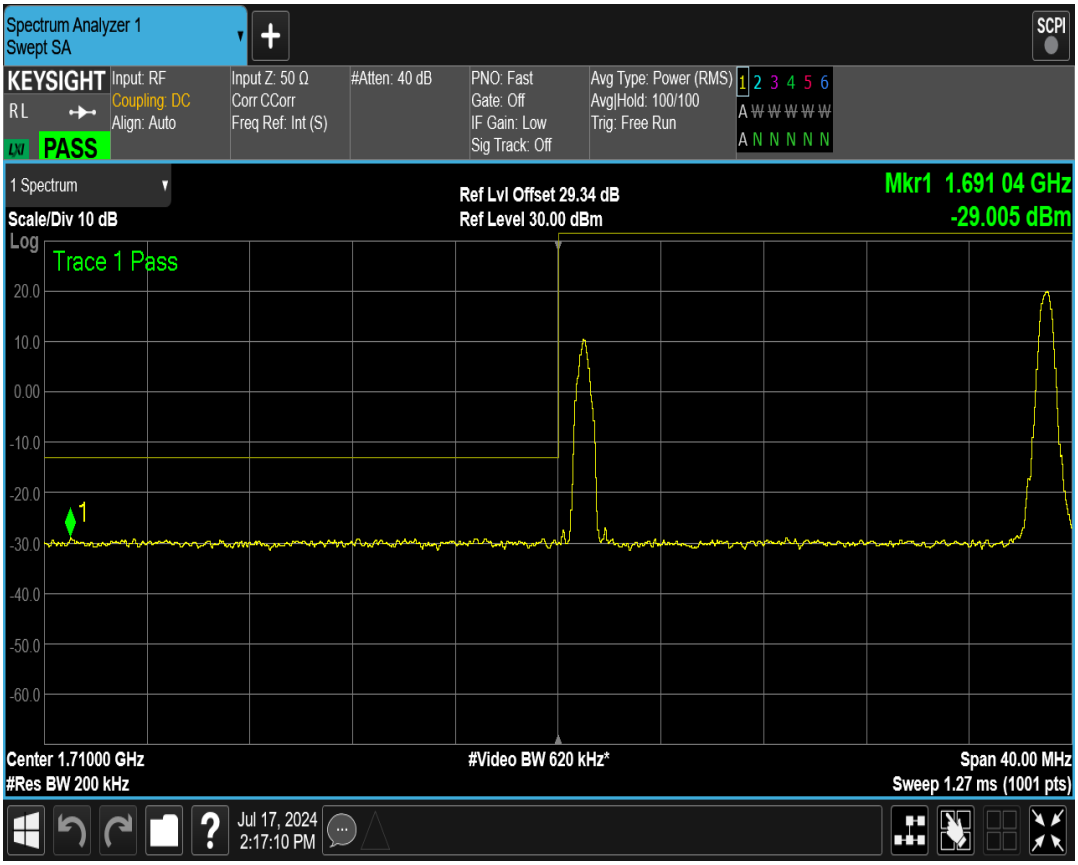
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=24@0



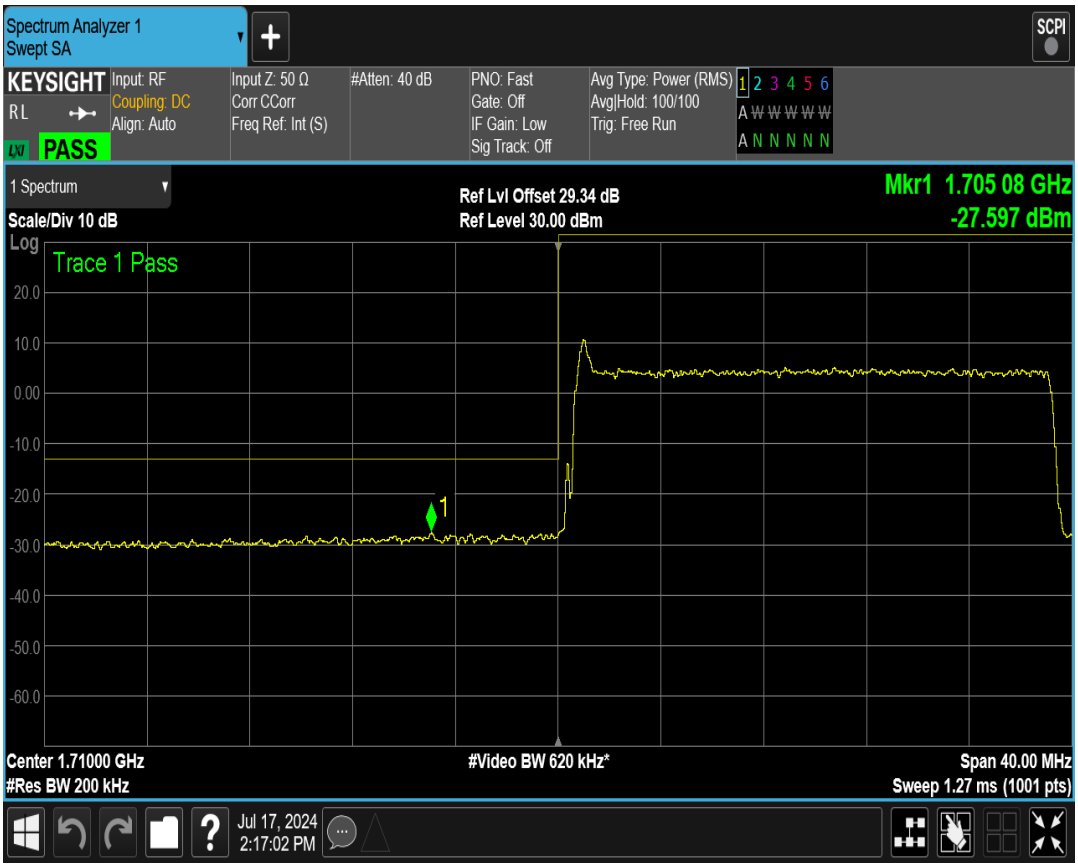
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



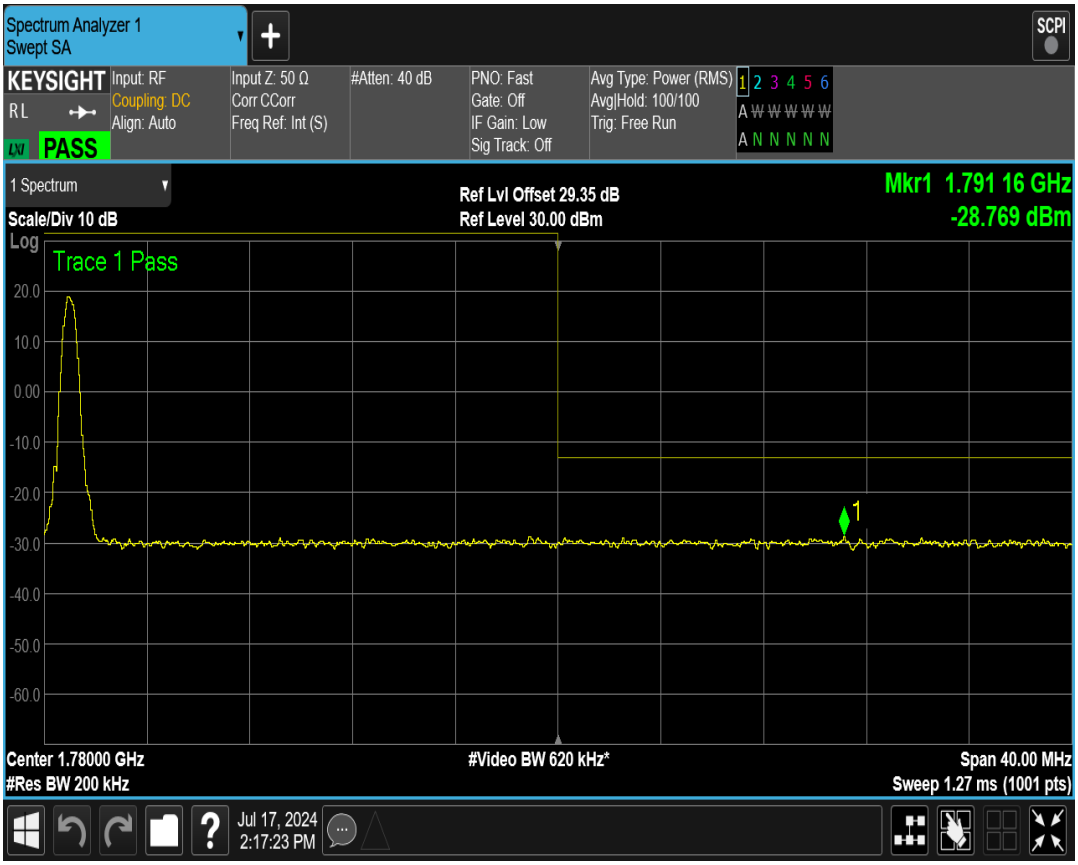
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=1@50



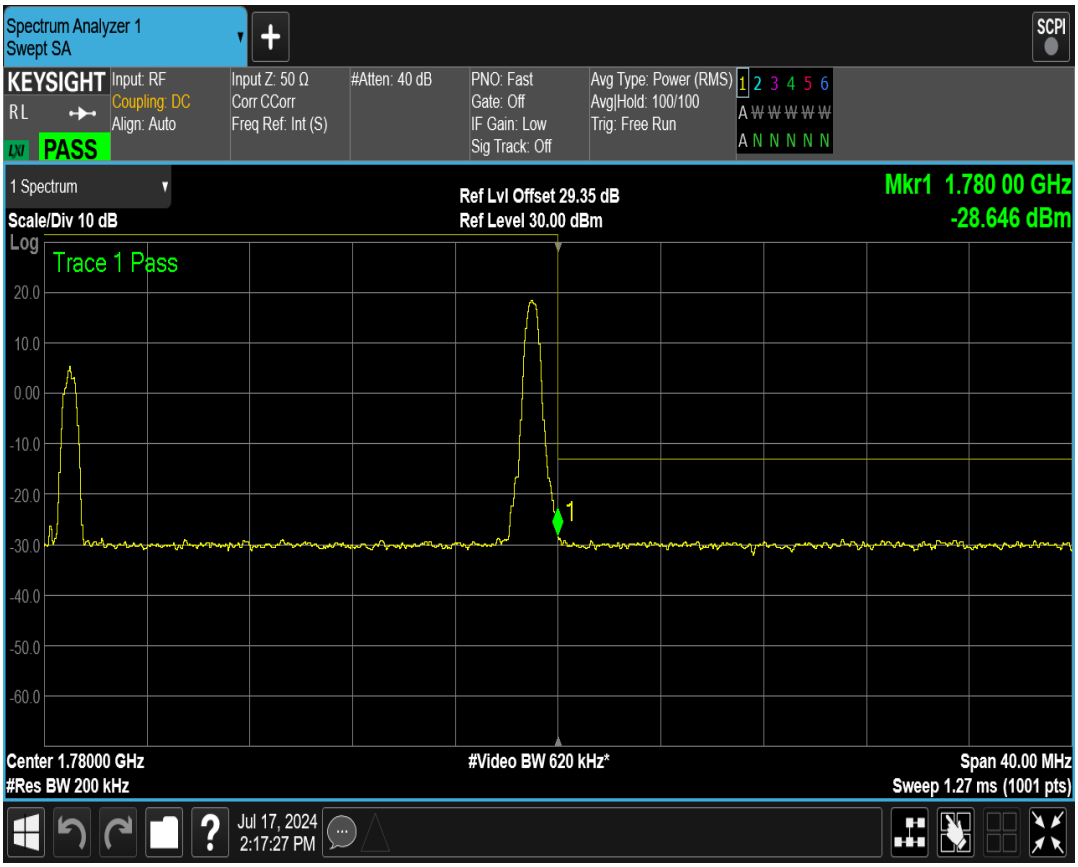
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=51@0



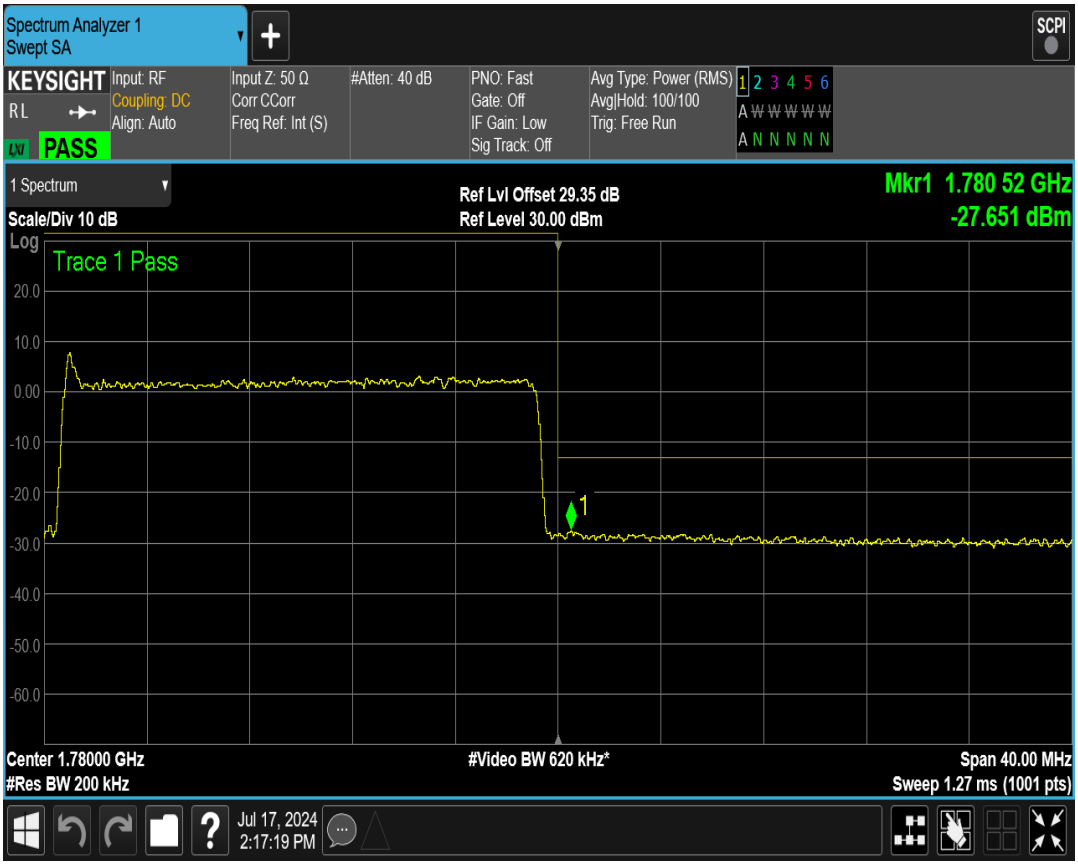
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



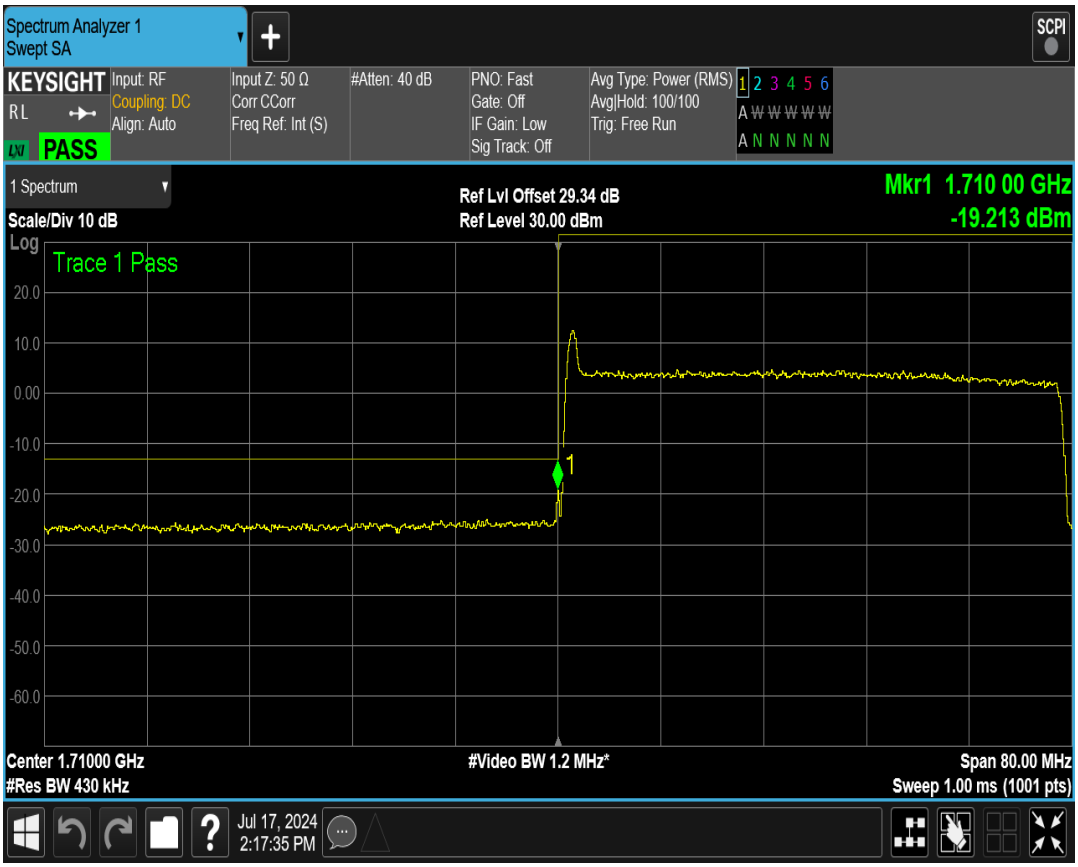
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@50



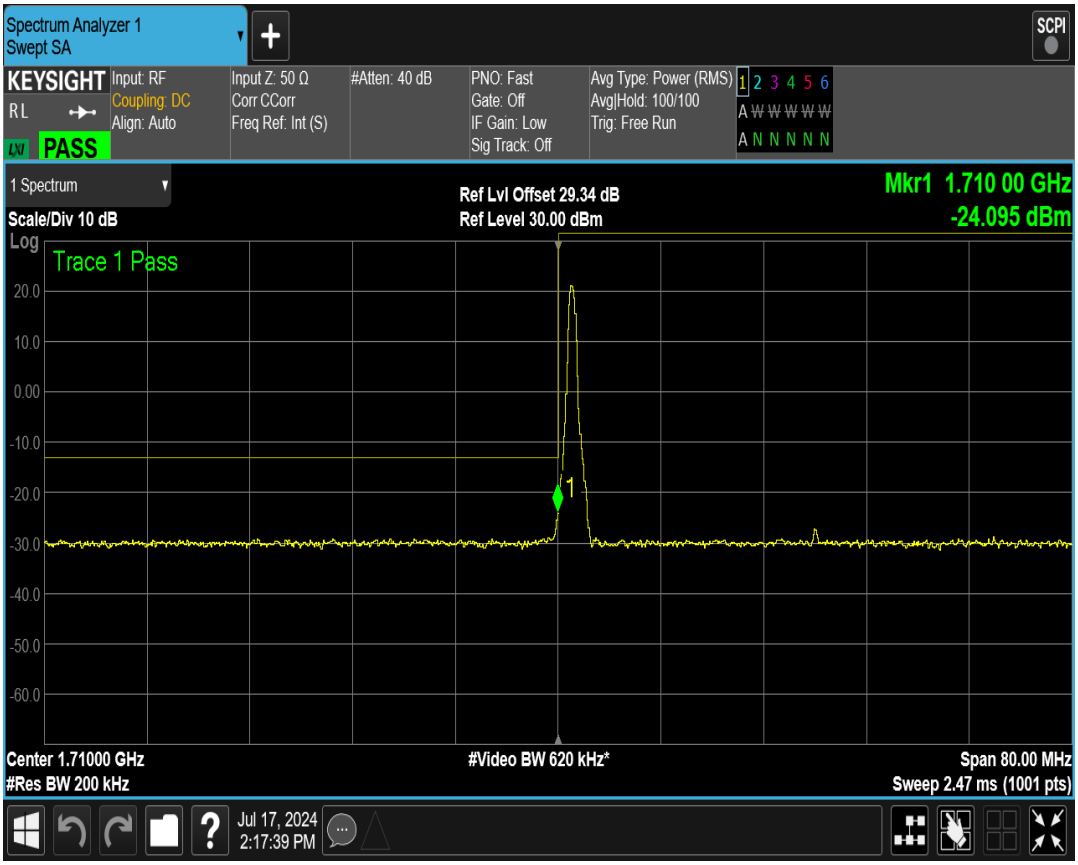
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=51@0



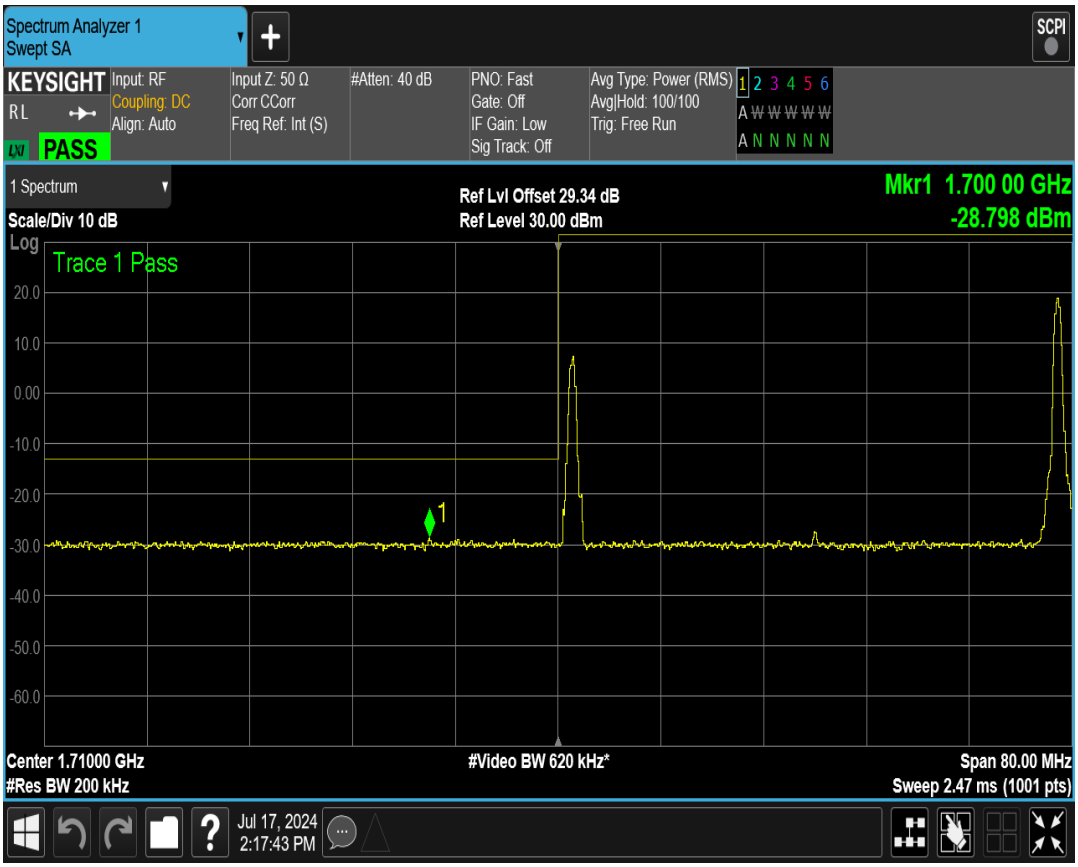
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=106@0



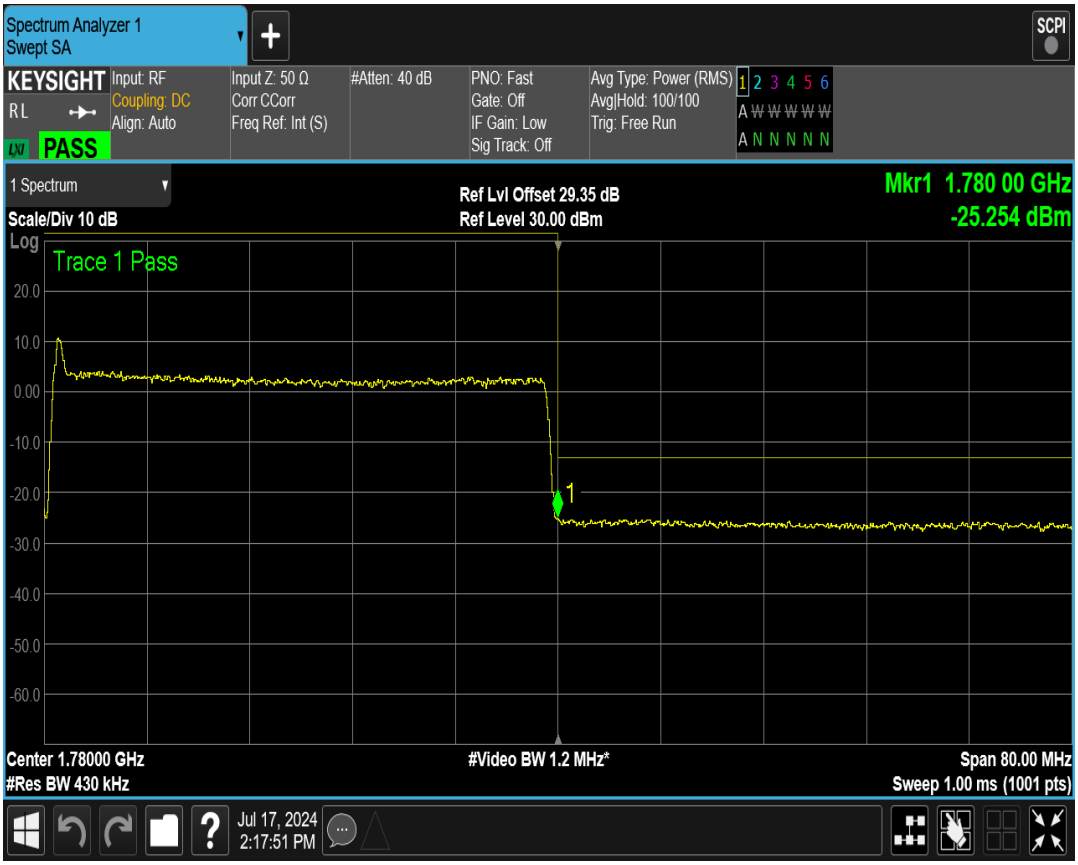
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



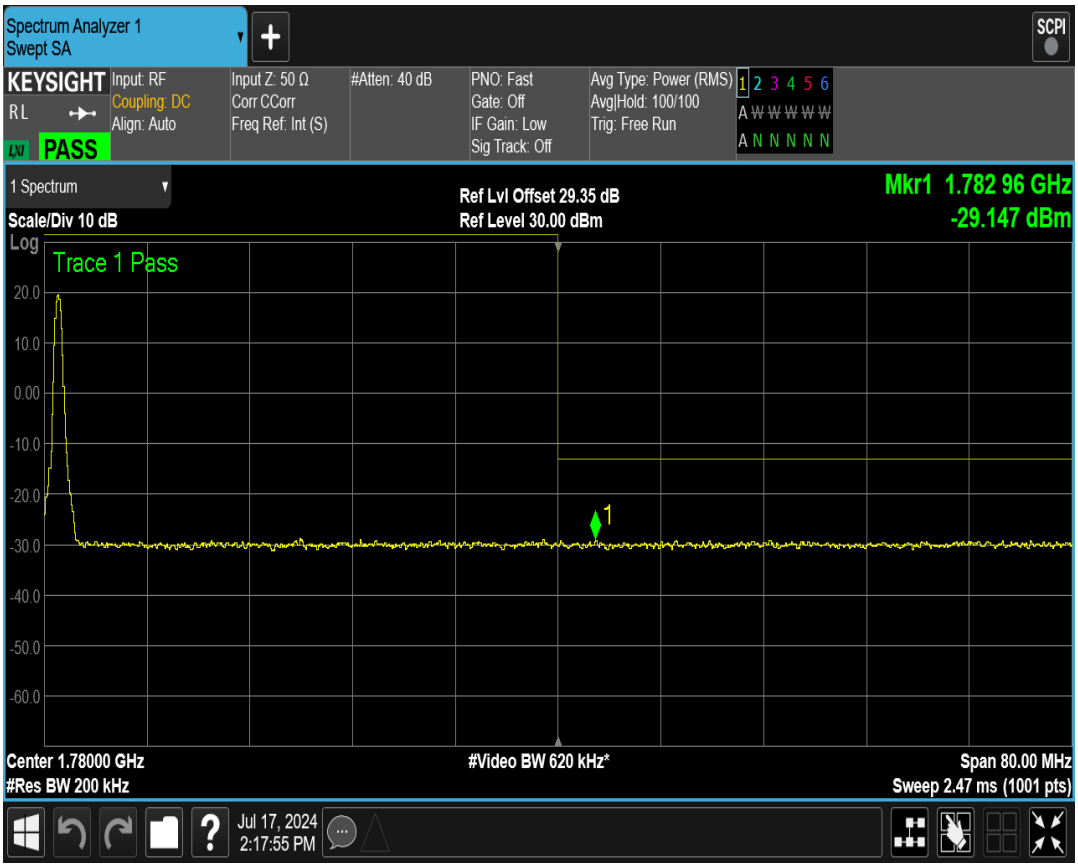
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=1@105



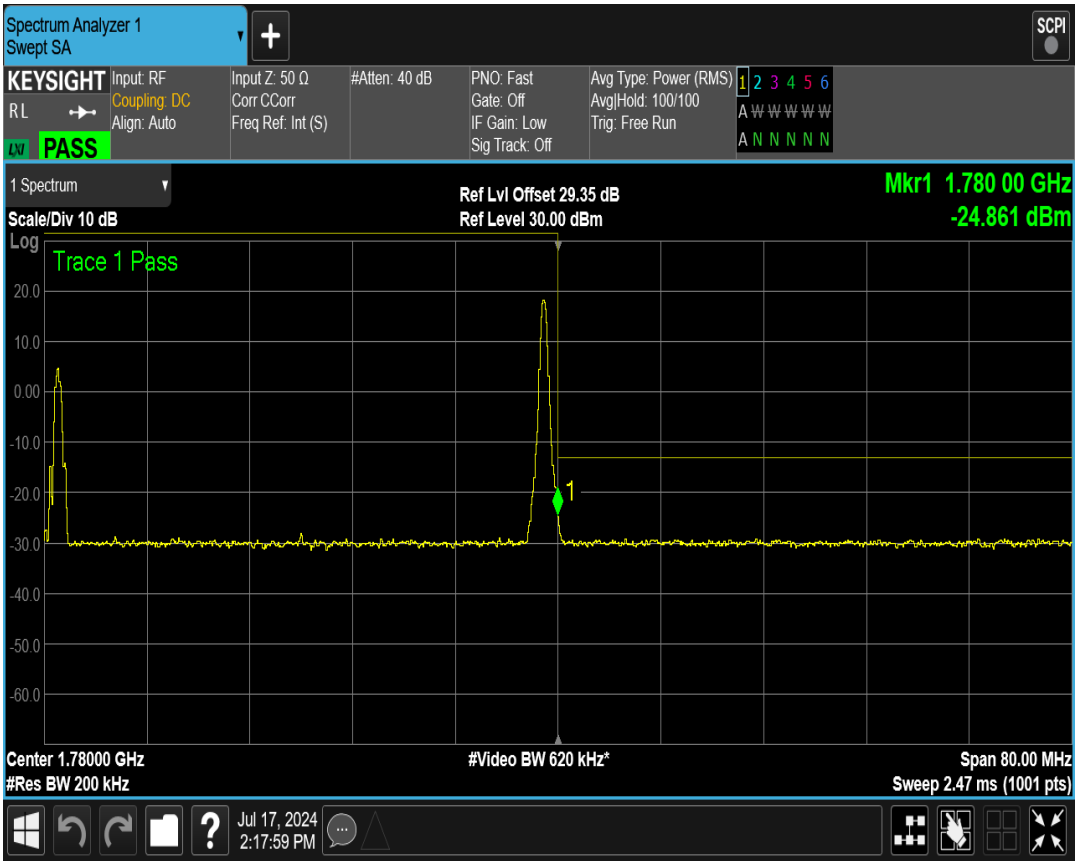
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=106@0



n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



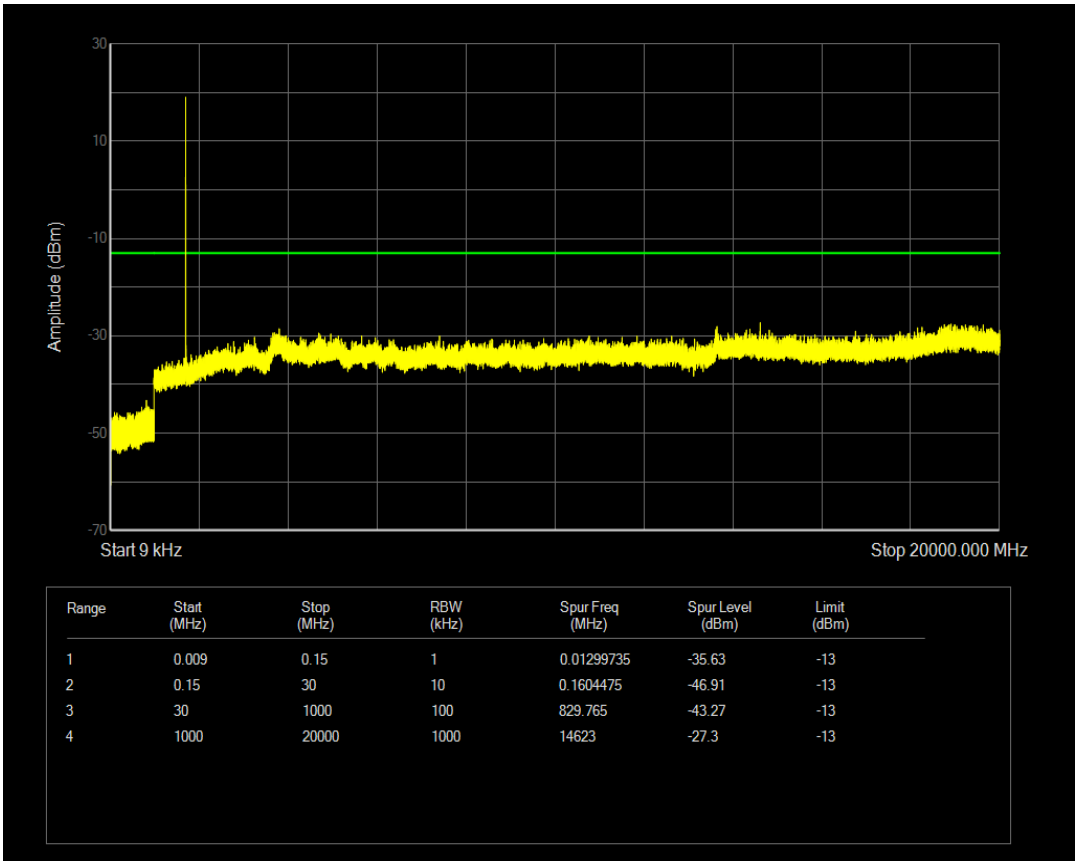
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=1@105



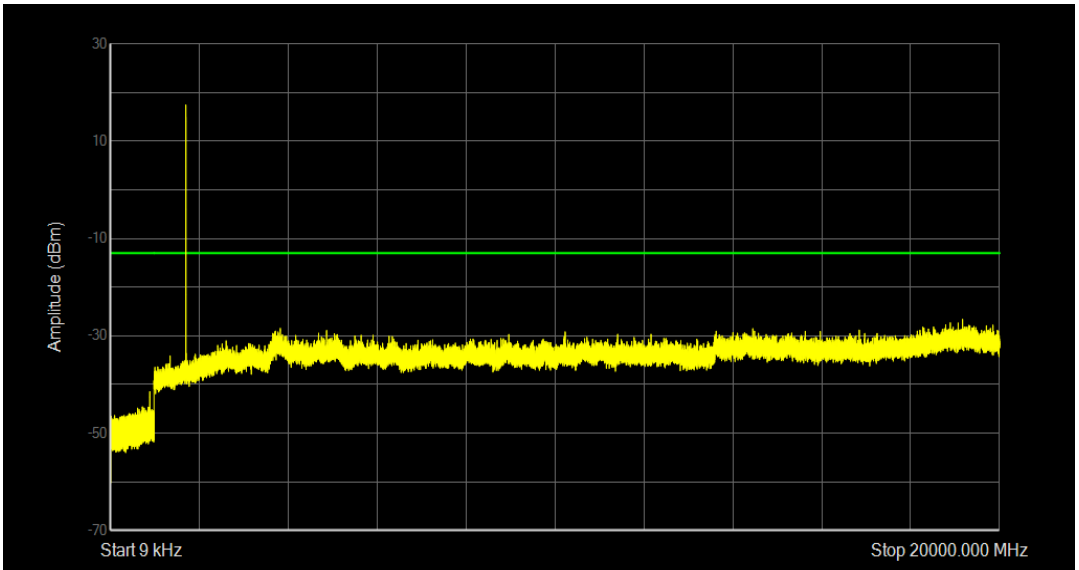
6 Out-of-band emissions for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	30	10	343000	24@0	CP_QPSK	843.71	-26.20	-13	PASS
n66	30	10	343000	1@0	CP_QPSK	14623.00	-27.30	-13	PASS
n66	30	10	343000	1@23	CP_QPSK	19169.23	-26.60	-13	PASS
n66	30	10	355000	24@0	CP_QPSK	19054.28	-27.07	-13	PASS
n66	30	10	355000	1@0	CP_QPSK	18816.78	-26.72	-13	PASS
n66	30	10	355000	1@23	CP_QPSK	18388.33	-27.35	-13	PASS
n66	30	20	344000	51@0	CP_QPSK	19169.23	-26.48	-13	PASS
n66	30	20	344000	1@0	CP_QPSK	19810.95	-27.09	-13	PASS
n66	30	20	344000	1@50	CP_QPSK	19184.43	-26.84	-13	PASS
n66	30	20	354000	51@0	CP_QPSK	19438.08	-26.81	-13	PASS
n66	30	20	354000	1@0	CP_QPSK	19044.78	-27.50	-13	PASS
n66	30	20	354000	1@50	CP_QPSK	19852.75	-26.81	-13	PASS
n66	30	40	346000	106@0	CP_QPSK	15307.95	-27.06	-13	PASS
n66	30	40	346000	1@0	CP_QPSK	19930.18	-26.60	-13	PASS
n66	30	40	346000	1@105	CP_QPSK	18999.65	-26.85	-13	PASS
n66	30	40	352000	106@0	CP_QPSK	19169.23	-26.35	-13	PASS
n66	30	40	352000	1@0	CP_QPSK	18974.95	-26.89	-13	PASS
n66	30	40	352000	1@105	CP_QPSK	19362.08	-26.79	-13	PASS

n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@0

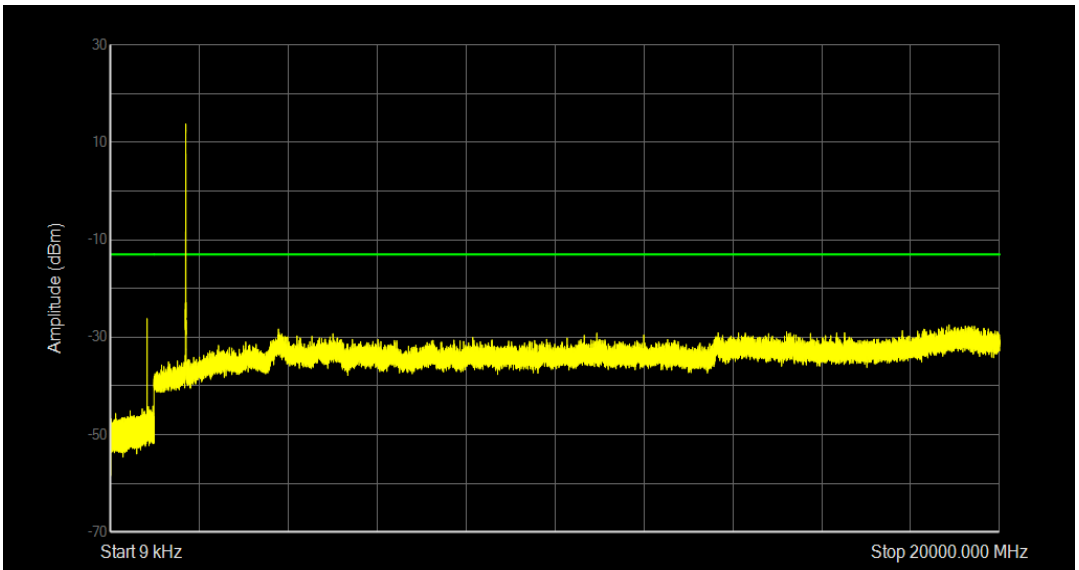


n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@23



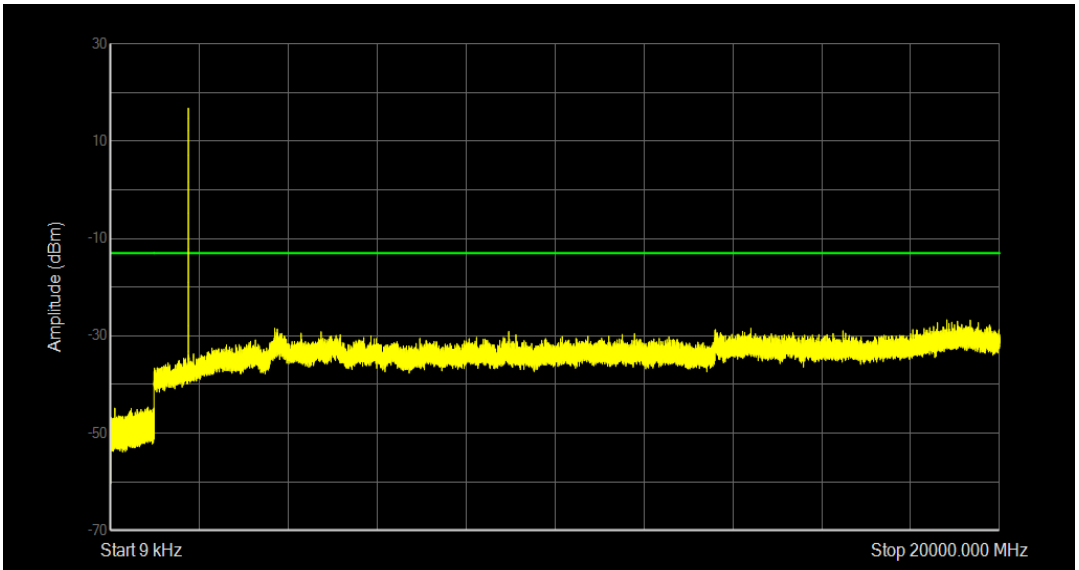
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010152675	-34.84	-13
2	0.15	30	10	0.17313375	-46.31	-13
3	30	1000	100	904.62475	-41.47	-13
4	1000	20000	1000	19169.225	-26.6	-13

n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0



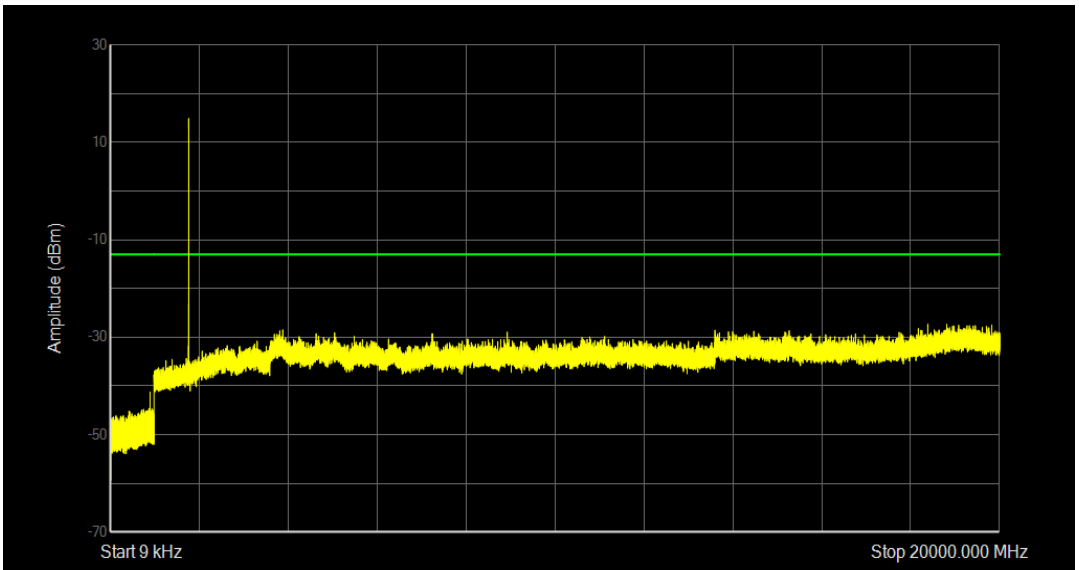
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011393475	-36	-13
2	0.15	30	10	0.17611875	-46.31	-13
3	30	1000	100	843.70875	-26.2	-13
4	1000	20000	1000	18865.7	-27.46	-13

n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@0



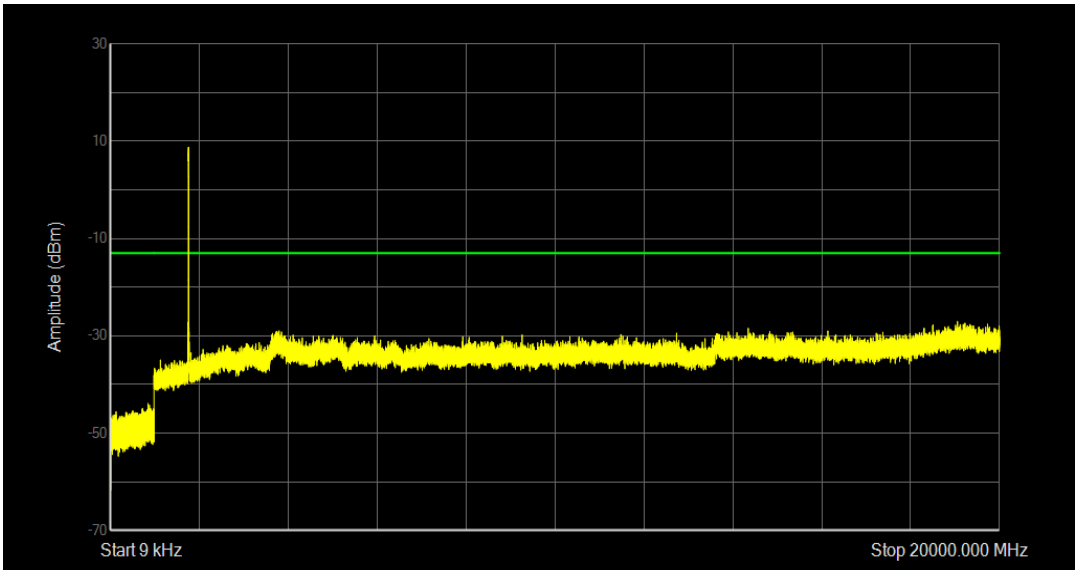
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011442825	-35.35	-13
2	0.15	30	10	0.17014875	-43.42	-13
3	30	1000	100	860.73225	-44.64	-13
4	1000	20000	1000	18816.775	-26.72	-13

n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@23



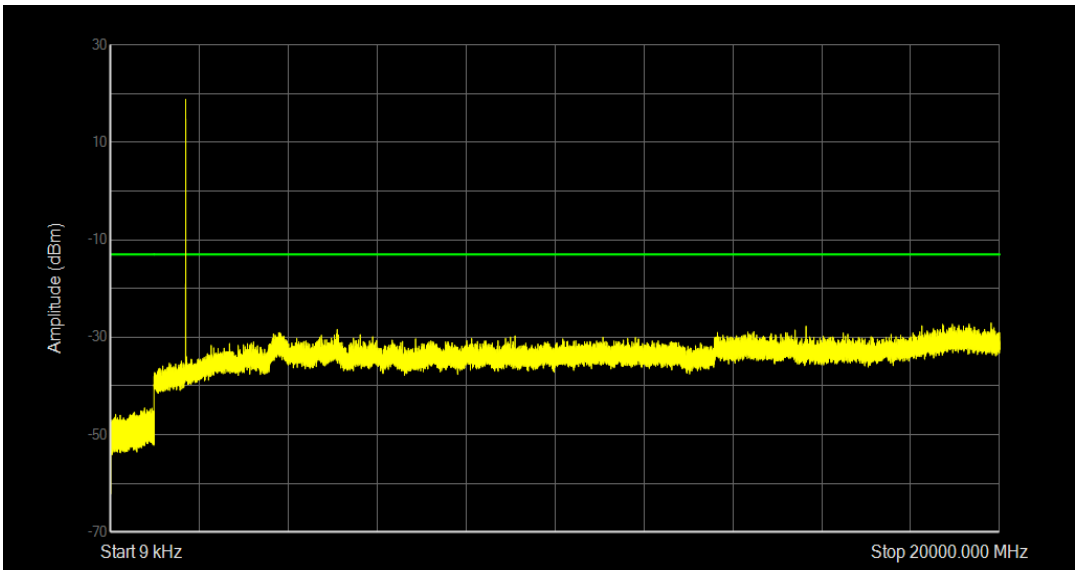
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0113829	-36.21	-13
2	0.15	30	10	0.15074625	-44.56	-13
3	30	1000	100	912.215	-41.24	-13
4	1000	20000	1000	18388.325	-27.35	-13

n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=24@0



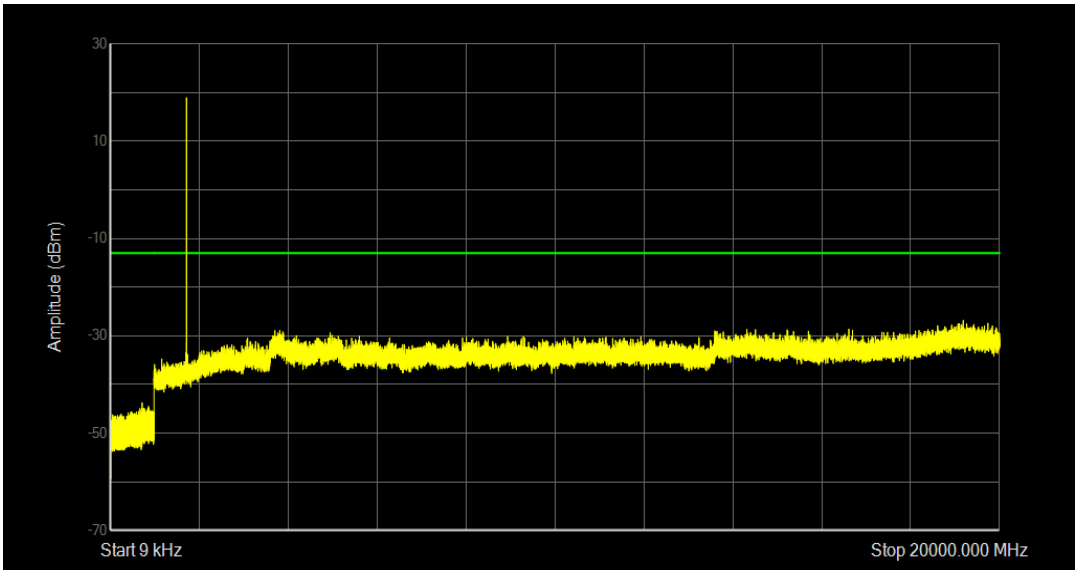
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009391275	-35.19	-13
2	0.15	30	10	0.15	-46.46	-13
3	30	1000	100	864.5395	-43.92	-13
4	1000	20000	1000	19054.275	-27.07	-13

n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



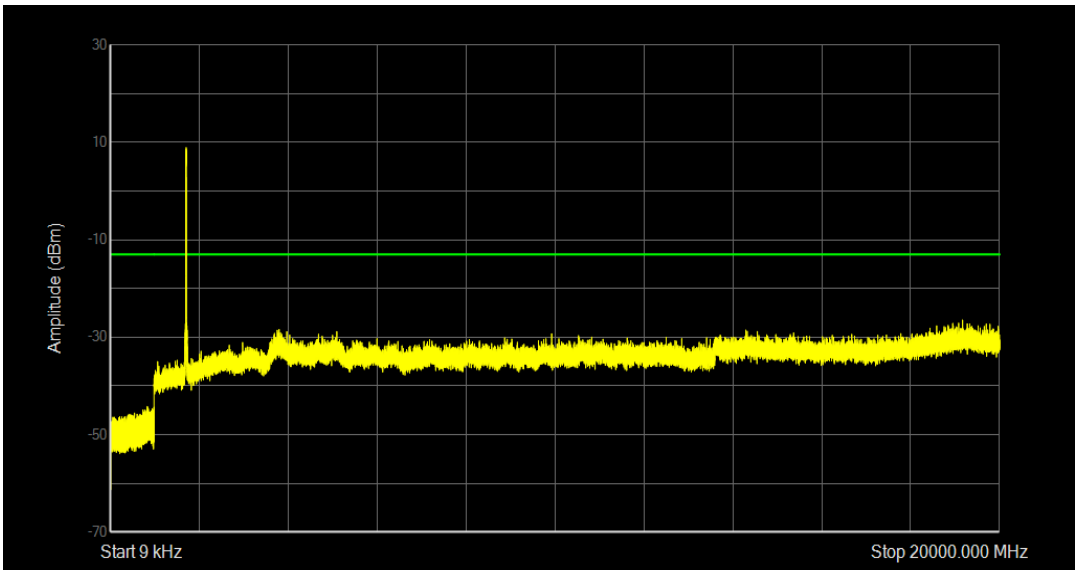
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012102	-36.22	-13
2	0.15	30	10	0.1544775	-45.74	-13
3	30	1000	100	786.67275	-44.53	-13
4	1000	20000	1000	19810.95	-27.09	-13

n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=1@50



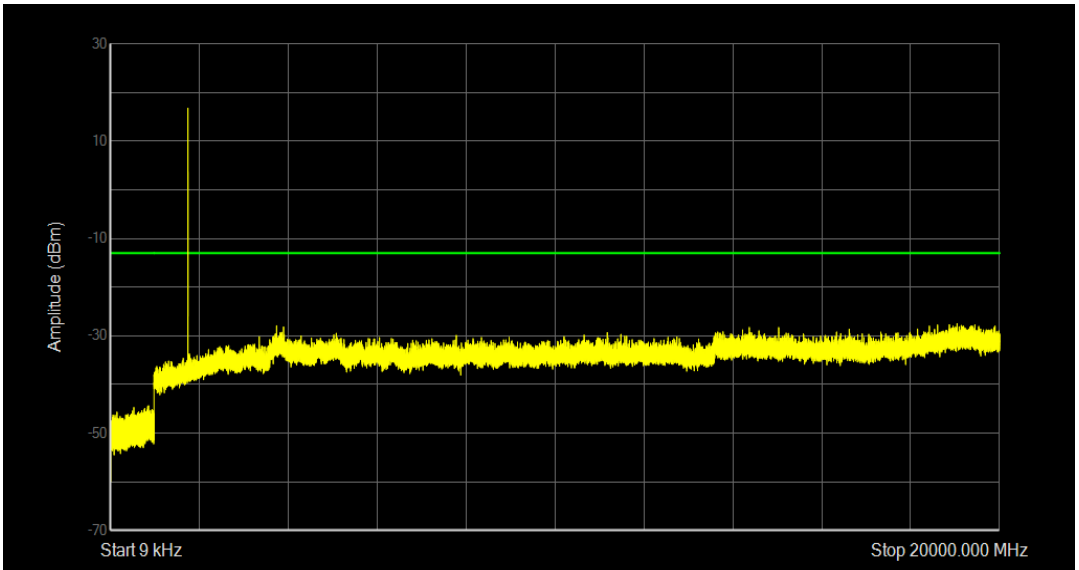
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009722625	-35.83	-13
2	0.15	30	10	0.15522375	-45.17	-13
3	30	1000	100	730.94625	-43.75	-13
4	1000	20000	1000	19184.425	-26.84	-13

n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=51@0



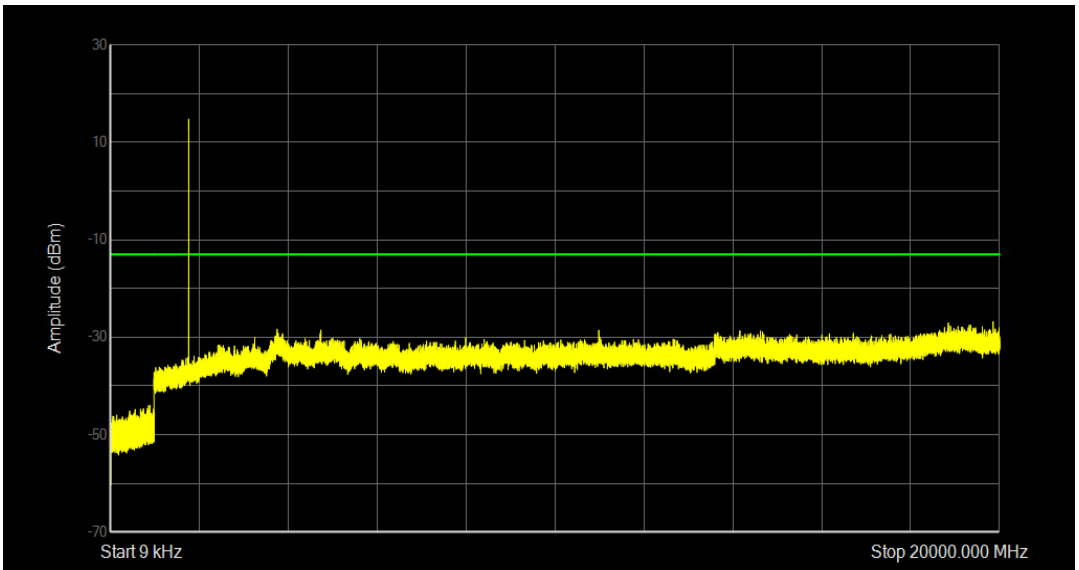
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-35.07	-13
2	0.15	30	10	0.16567125	-47.17	-13
3	30	1000	100	849.86825	-44.2	-13
4	1000	20000	1000	19169.225	-26.48	-13

n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



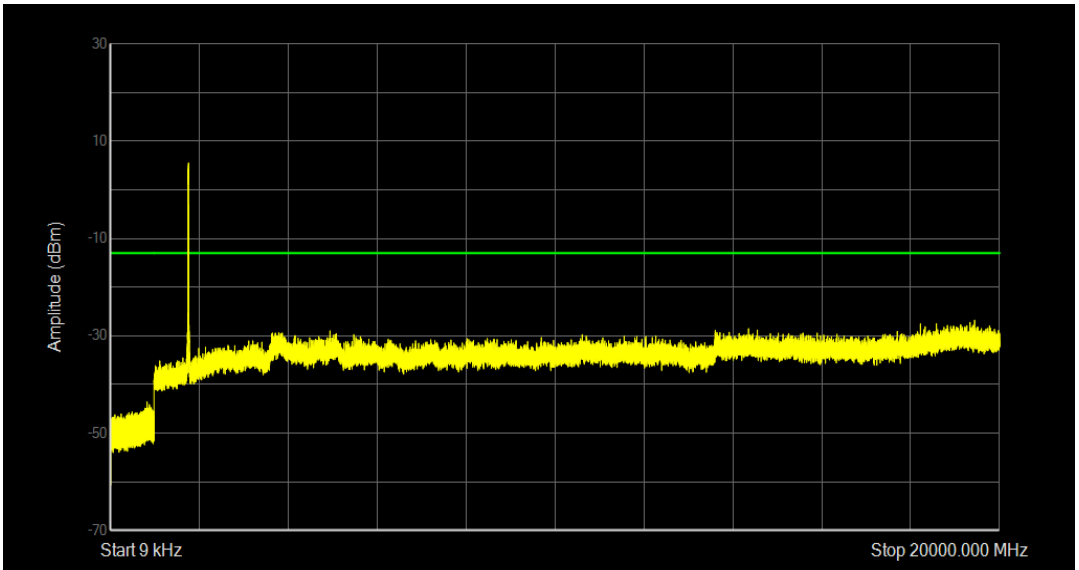
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00909165	-35.12	-13
2	0.15	30	10	0.194775	-46.99	-13
3	30	1000	100	877.12525	-44.37	-13
4	1000	20000	1000	19044.775	-27.5	-13

n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@50



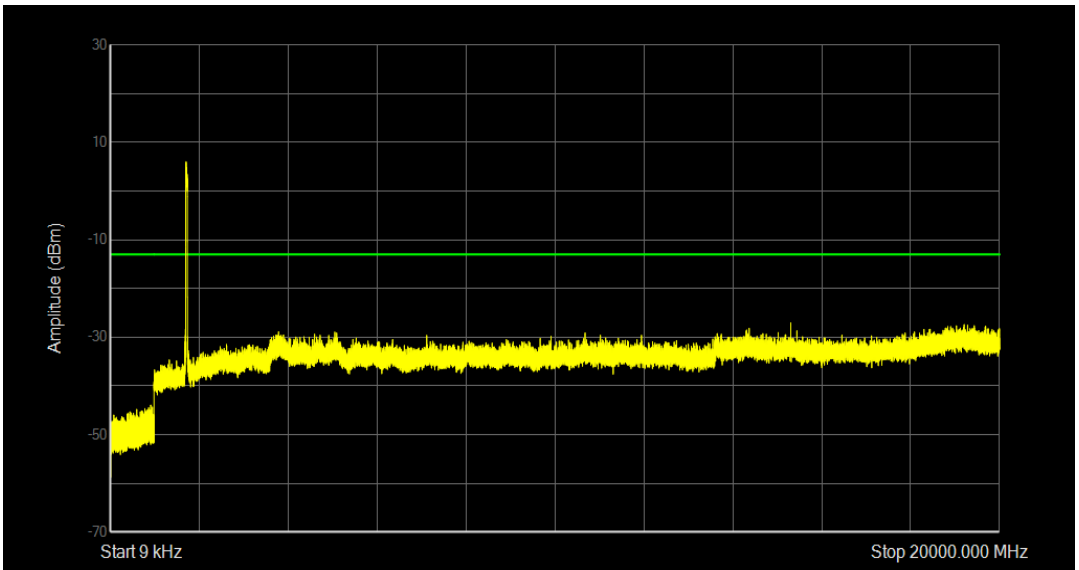
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011696625	-35.04	-13
2	0.15	30	10	0.1813425	-46.02	-13
3	30	1000	100	911.9725	-44	-13
4	1000	20000	1000	19852.75	-26.81	-13

n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=51@0



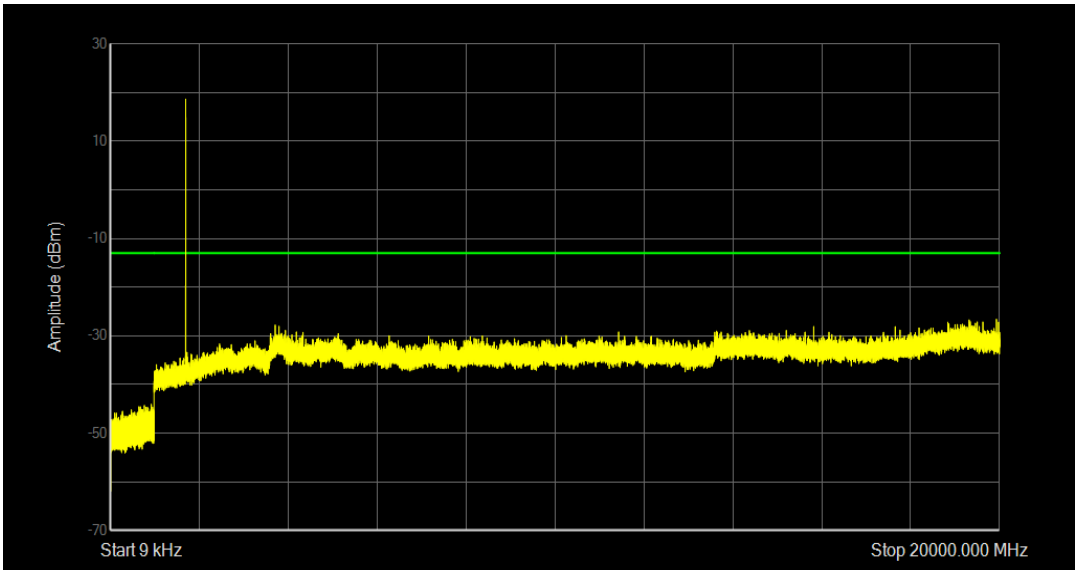
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-36.78	-13
2	0.15	30	10	0.15	-44.78	-13
3	30	1000	100	842.59325	-43.56	-13
4	1000	20000	1000	19438.075	-26.81	-13

n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=106@0



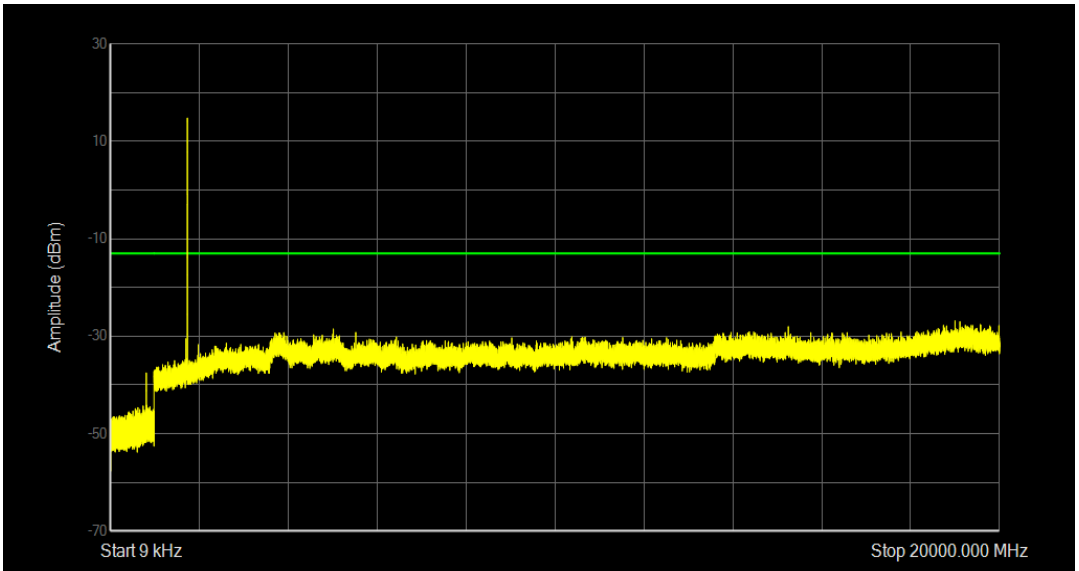
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00935955	-35.41	-13
2	0.15	30	10	0.15522375	-46.63	-13
3	30	1000	100	925.91625	-43.93	-13
4	1000	20000	1000	15307.95	-27.06	-13

n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



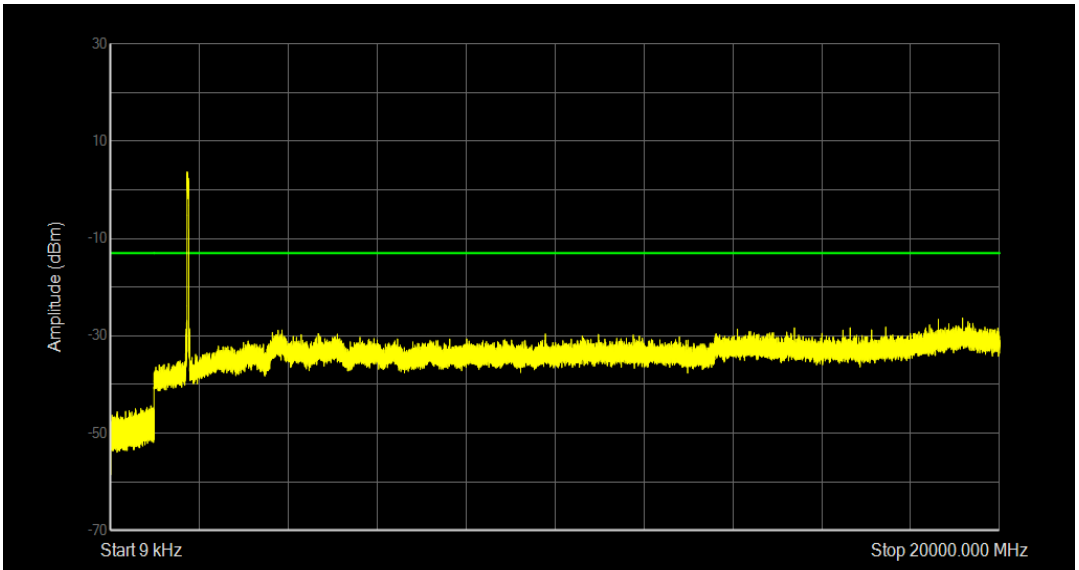
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01401255	-36.43	-13
2	0.15	30	10	0.15	-47.04	-13
3	30	1000	100	936.44075	-44.07	-13
4	1000	20000	1000	19930.175	-26.6	-13

n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=1@105



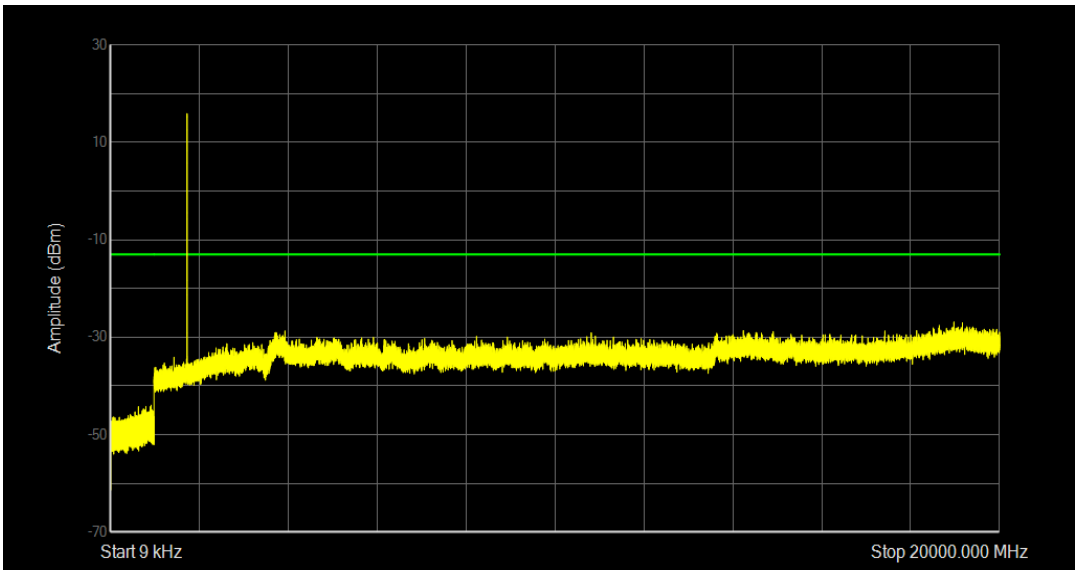
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010364175	-35.69	-13
2	0.15	30	10	0.1902975	-46.43	-13
3	30	1000	100	825.37575	-37.56	-13
4	1000	20000	1000	18999.65	-26.85	-13

n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=106@0



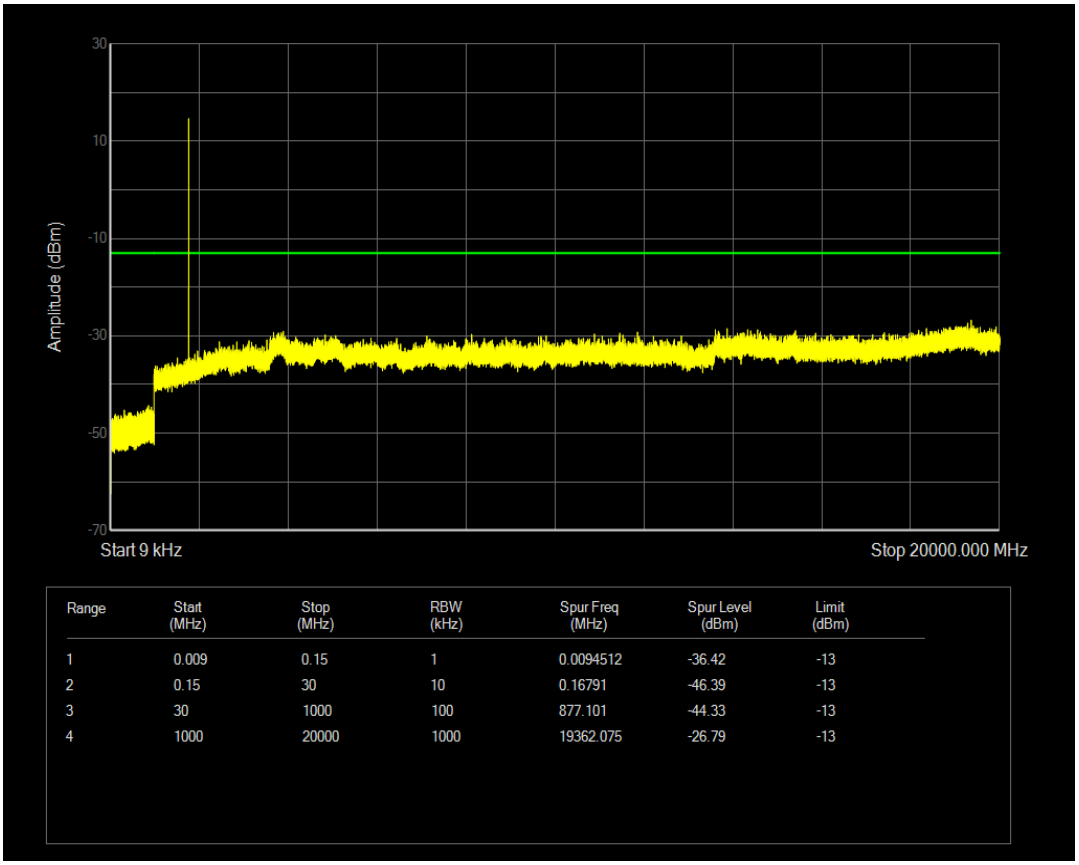
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01010685	-36.21	-13
2	0.15	30	10	0.15	-47.26	-13
3	30	1000	100	927.541	-44.38	-13
4	1000	20000	1000	19169.225	-26.35	-13

n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092961	-35.22	-13
2	0.15	30	10	0.15	-46.98	-13
3	30	1000	100	934.59775	-43.95	-13
4	1000	20000	1000	18974.95	-26.89	-13

n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=1@105



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094512	-36.42	-13
2	0.15	30	10	0.16791	-46.39	-13
3	30	1000	100	877.101	-44.33	-13
4	1000	20000	1000	19362.075	-26.79	-13