



n66 SCS=15kHz DFT_QAM16 BW=5MHz Channel=349000 RB=25@0



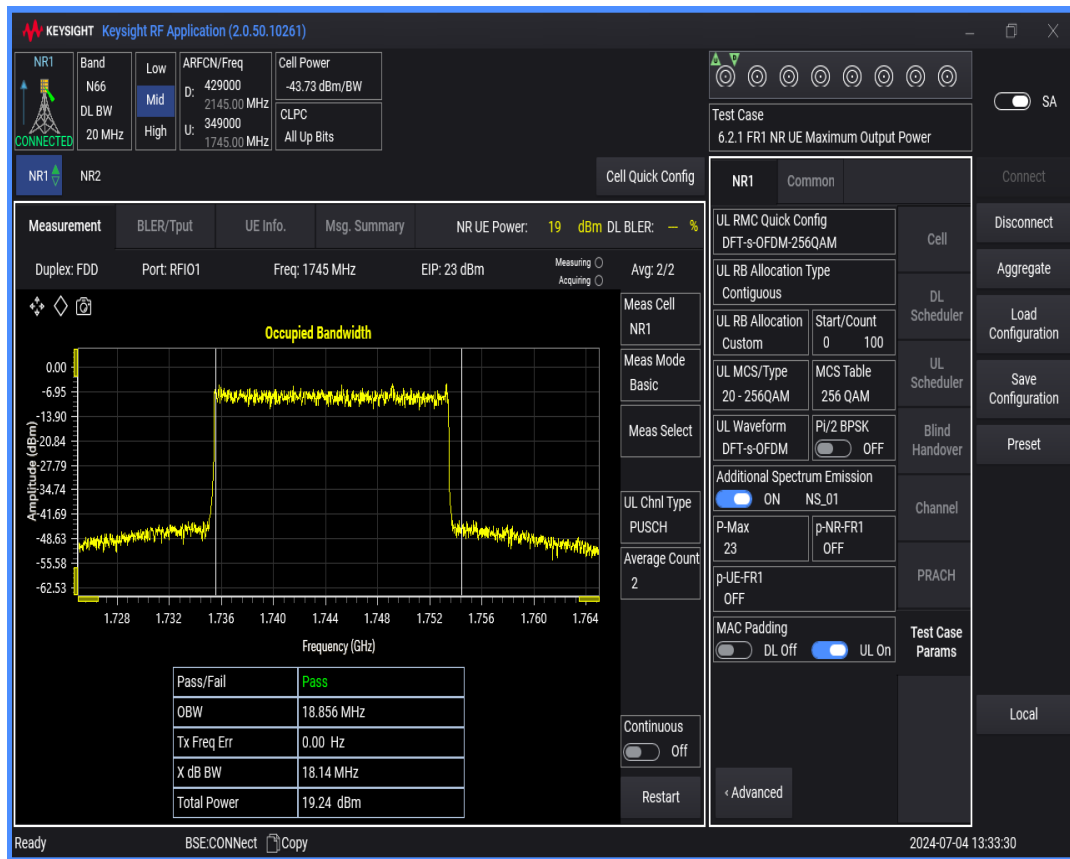
n66 SCS=15kHz DFT_QAM256 BW=10MHz Channel=349000 RB=50@0



n66 SCS=15kHz DFT_QAM256 BW=15MHz Channel=349000 RB=75@0



n66 SCS=15kHz DFT_QAM256 BW=20MHz Channel=349000 RB=100@0



n66 SCS=15kHz DFT_QAM256 BW=40MHz Channel=349000 RB=216@0



n66 SCS=15kHz DFT_QAM256 BW=5MHz Channel=349000 RB=25@0



n66 SCS=15kHz DFT_QAM64 BW=10MHz Channel=349000 RB=50@0



n66 SCS=15kHz DFT_QAM64 BW=15MHz Channel=349000 RB=75@0



n66 SCS=15kHz DFT_QAM64 BW=20MHz Channel=349000 RB=100@0



n66 SCS=15kHz DFT_QAM64 BW=40MHz Channel=349000 RB=216@0



n66 SCS=15kHz DFT_QAM64 BW=5MHz Channel=349000 RB=25@0



n66 SCS=15kHz DFT_QPSK BW=10MHz Channel=349000 RB=50@0



n66 SCS=15kHz DFT_QPSK BW=15MHz Channel=349000 RB=75@0



n66 SCS=15kHz DFT_QPSK BW=20MHz Channel=349000 RB=100@0



n66 SCS=15kHz DFT_QPSK BW=40MHz Channel=349000 RB=216@0



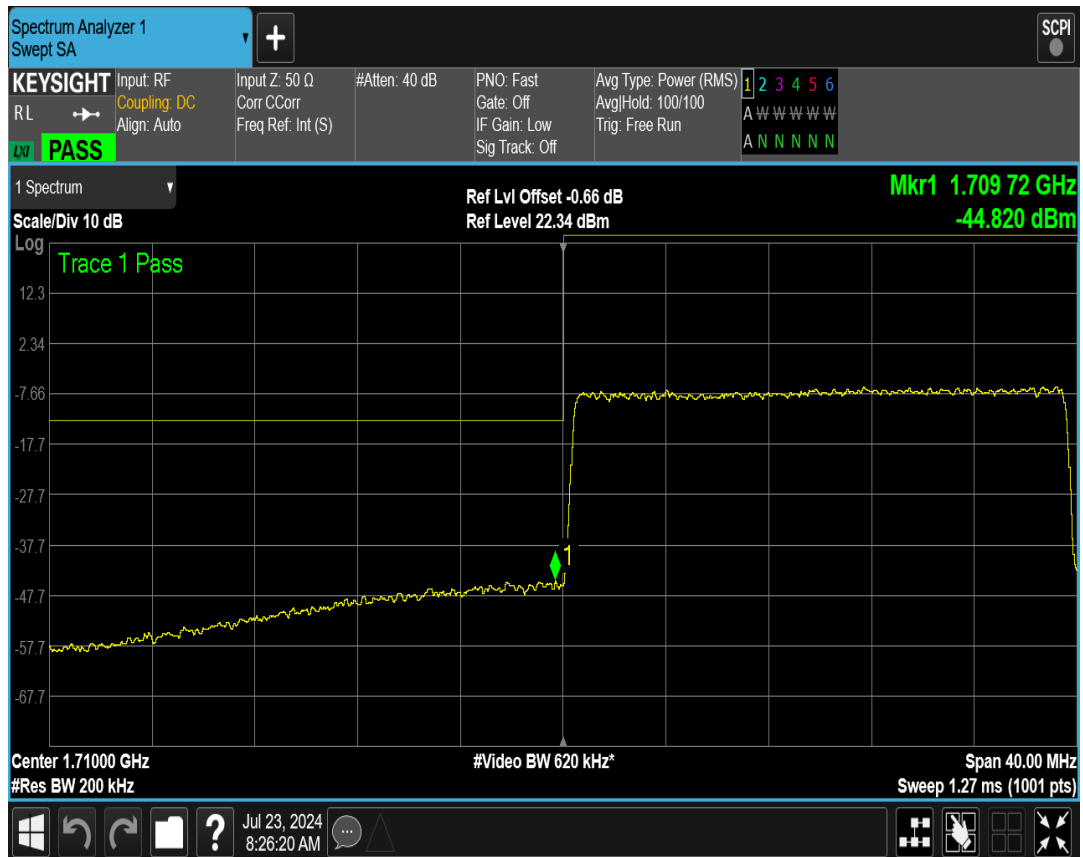
n66 SCS=15kHz DFT_QPSK BW=5MHz Channel=349000 RB=25@0



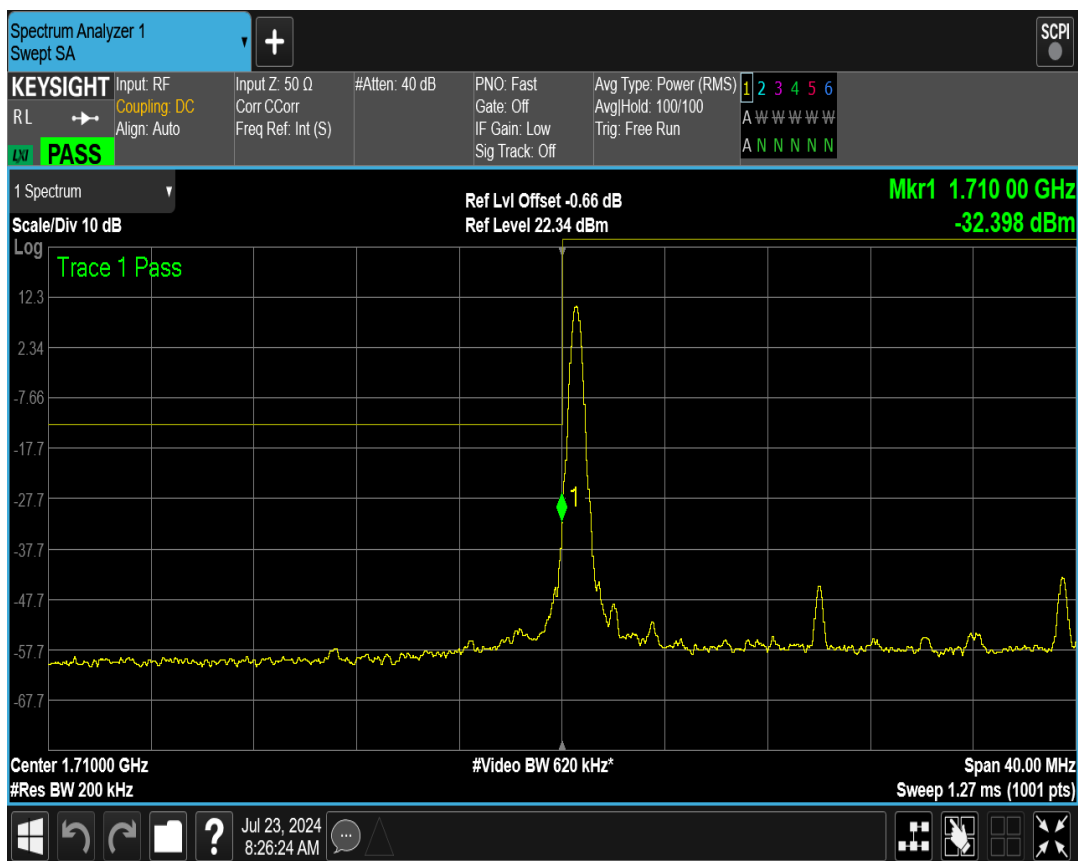
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	5	342500	25@0	CP_QPSK	1709.97	-40.04	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	1710.00	-15.40	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	1709.97	-28.85	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	1780.10	-41.32	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	1782.60	-52.72	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	1780.00	-16.10	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	1709.72	-44.82	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	1710.00	-32.39	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	1700.20	-52.06	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	1780.00	-41.55	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	1789.80	-51.51	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	1780.00	-30.20	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	1710.00	-37.97	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	1710.00	-27.77	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	1702.64	-53.10	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	1780.00	-33.81	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	1787.36	-53.76	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	1780.00	-27.40	-13	PASS

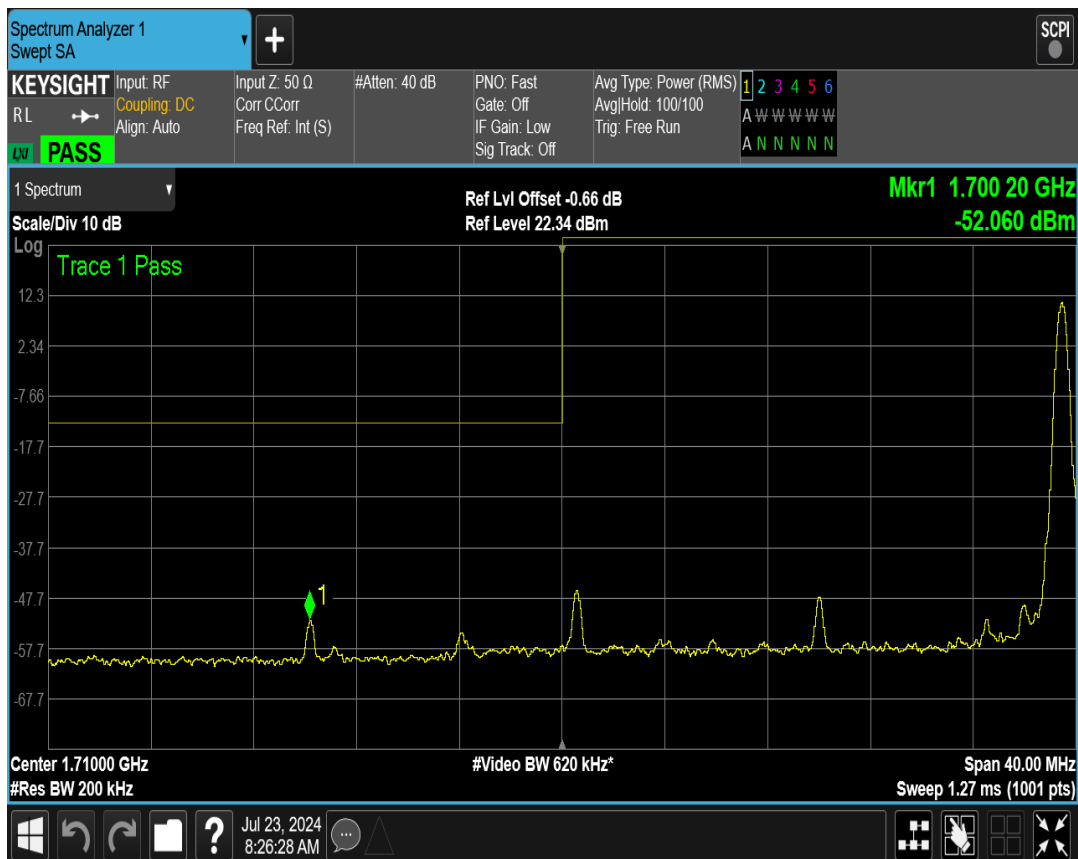
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=106@0



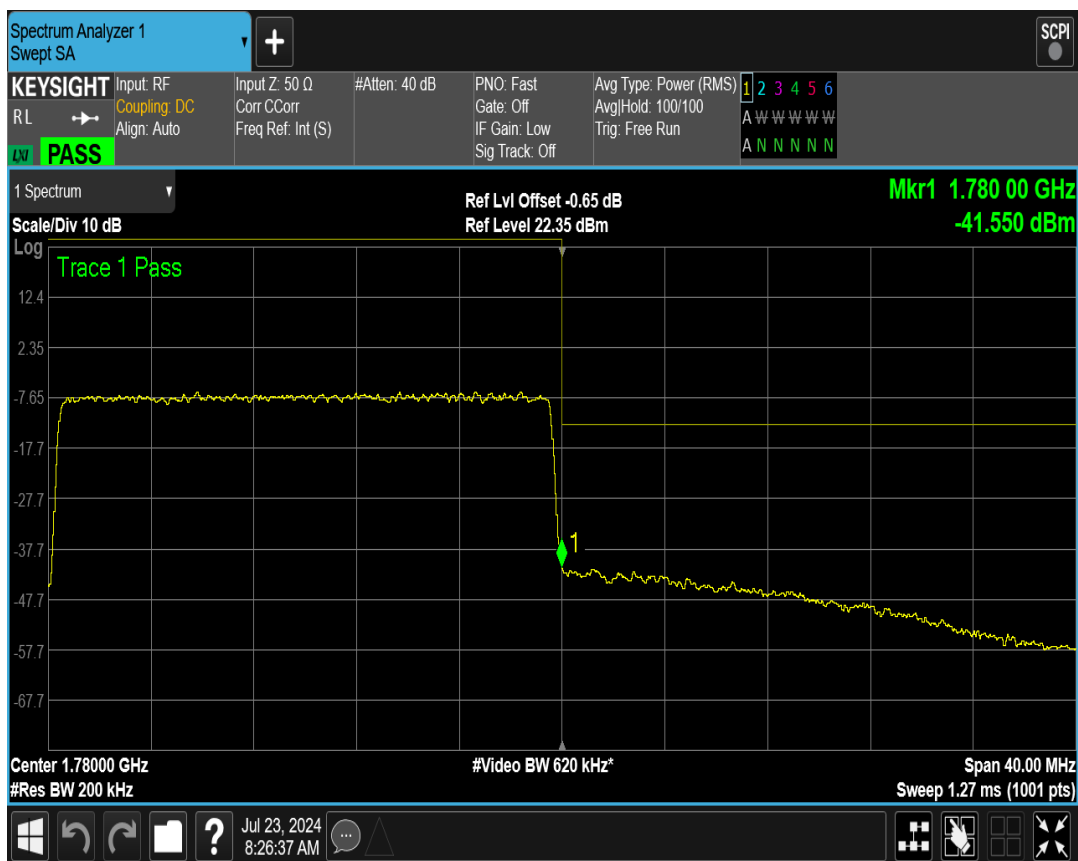
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



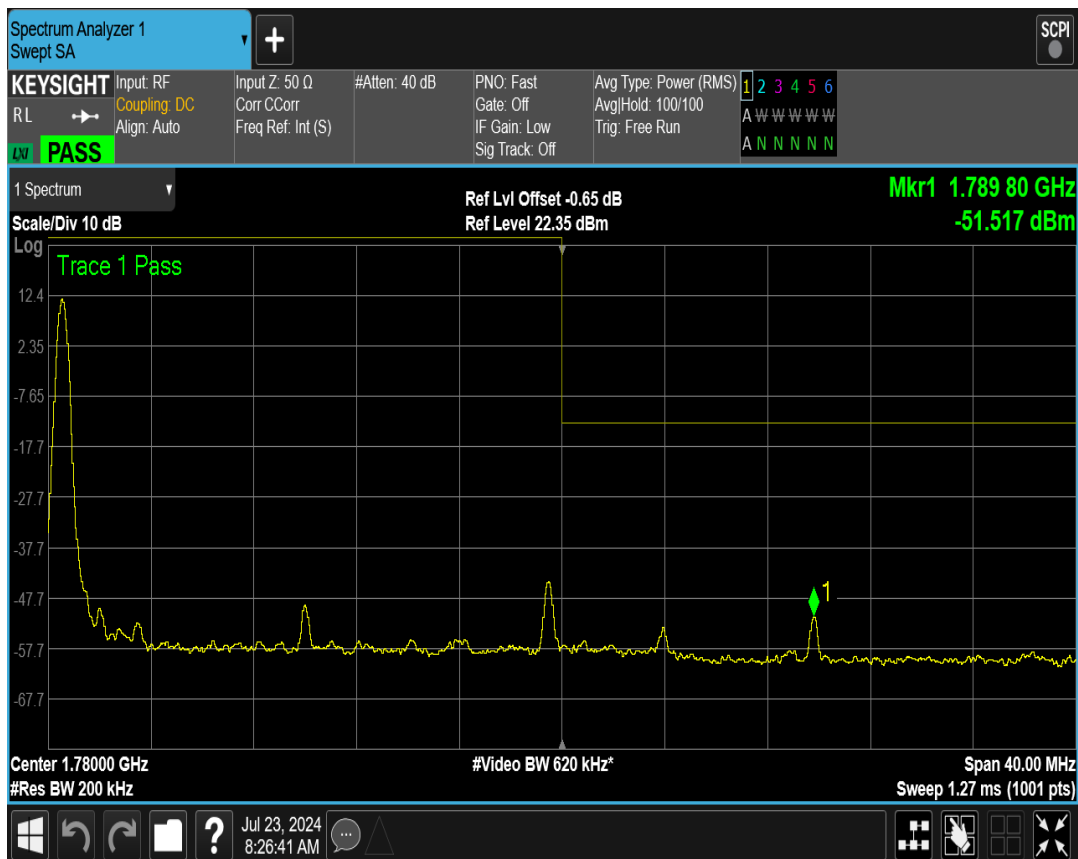
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@105



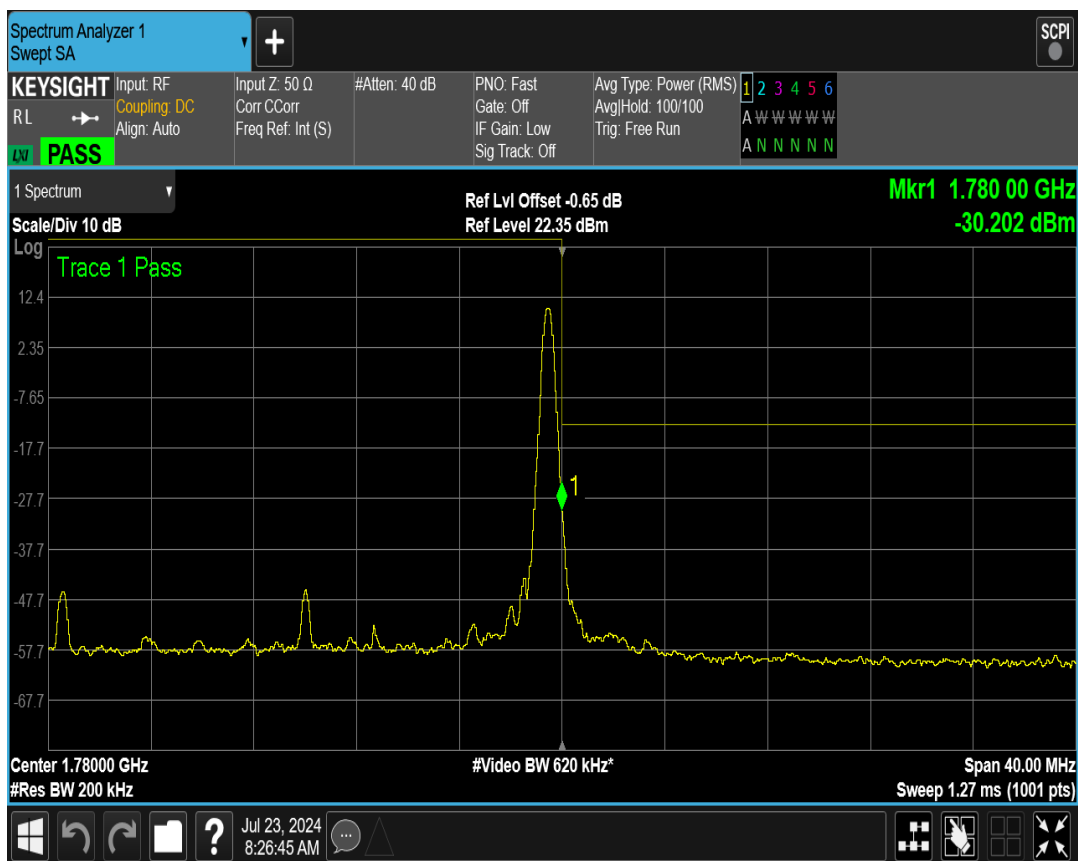
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=106@0



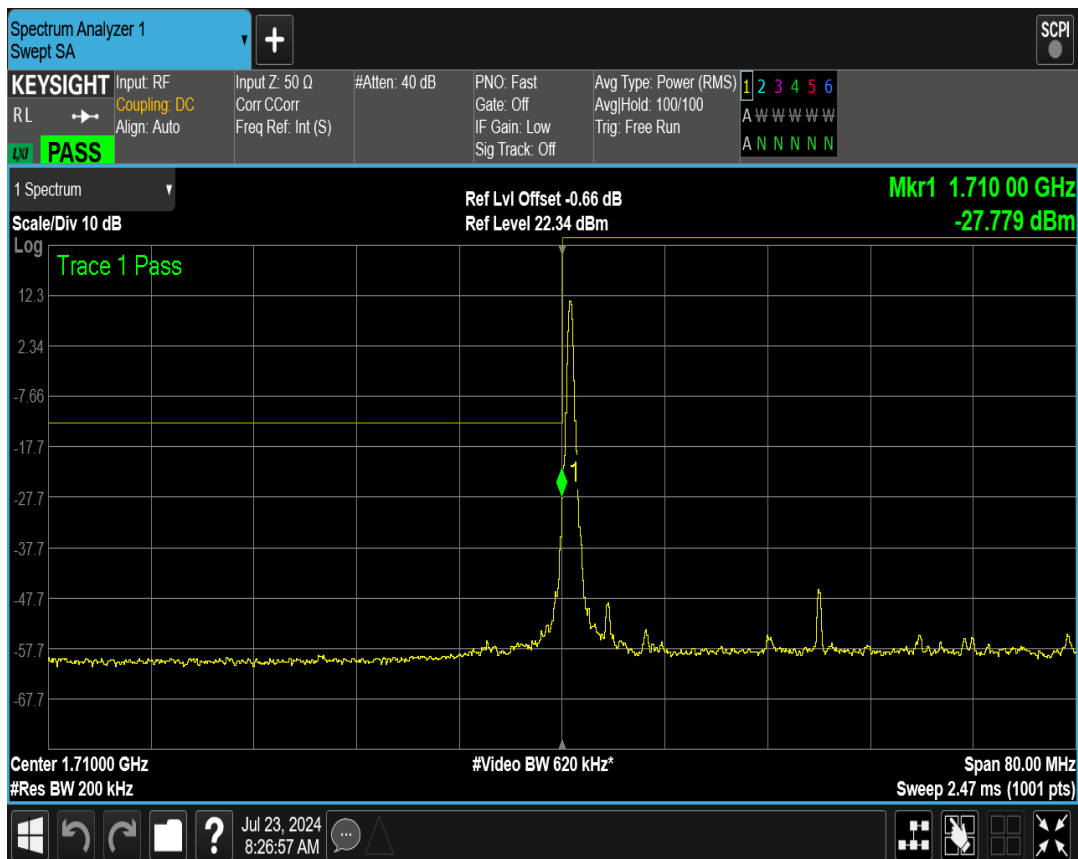
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



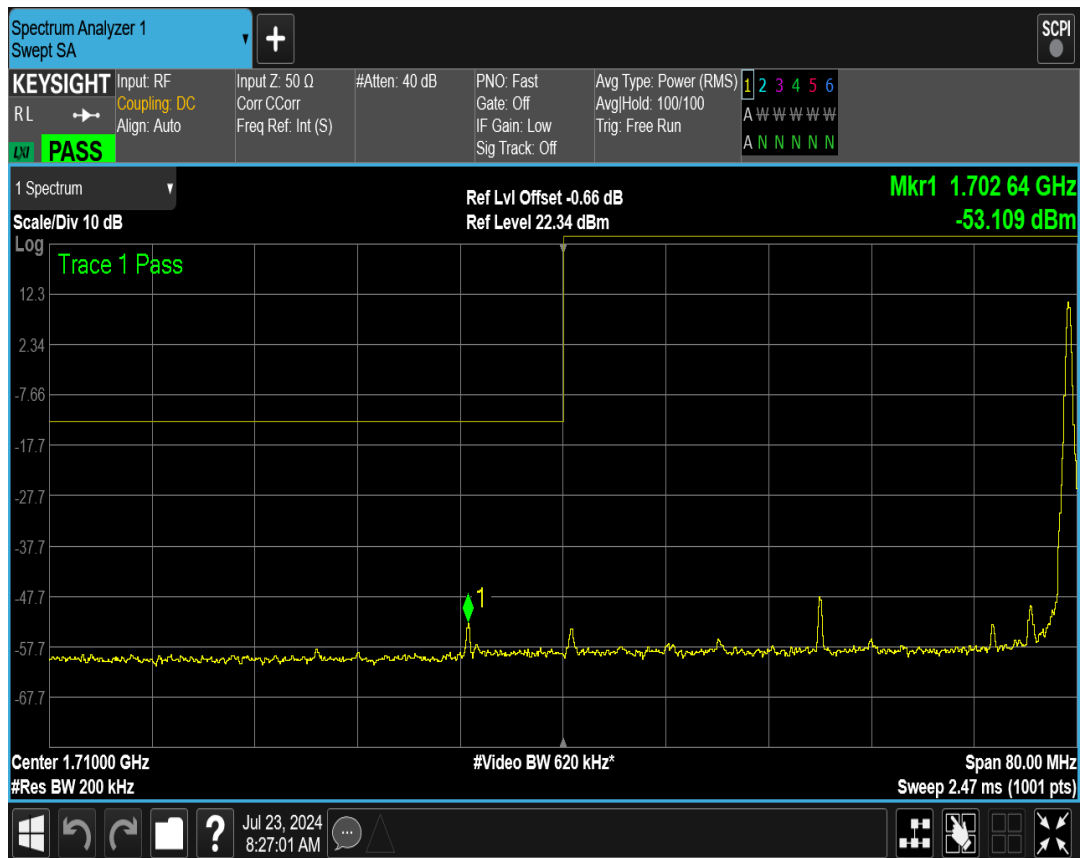
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@105



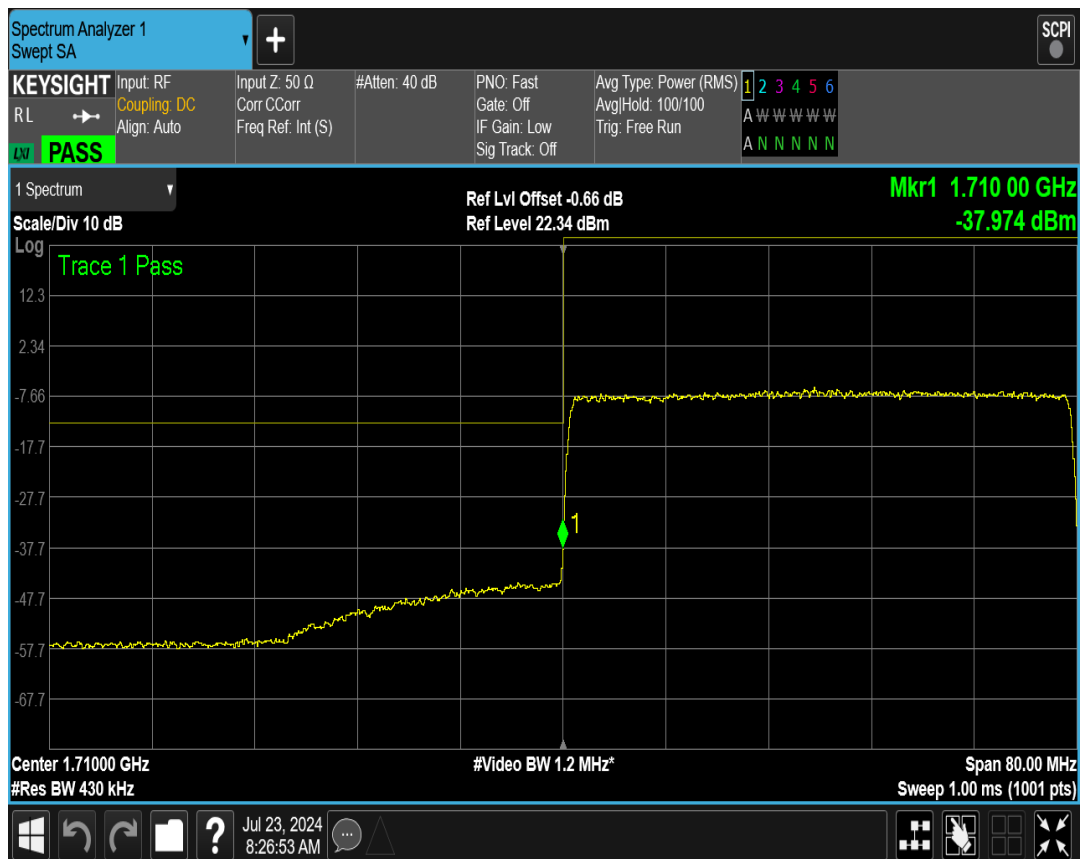
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



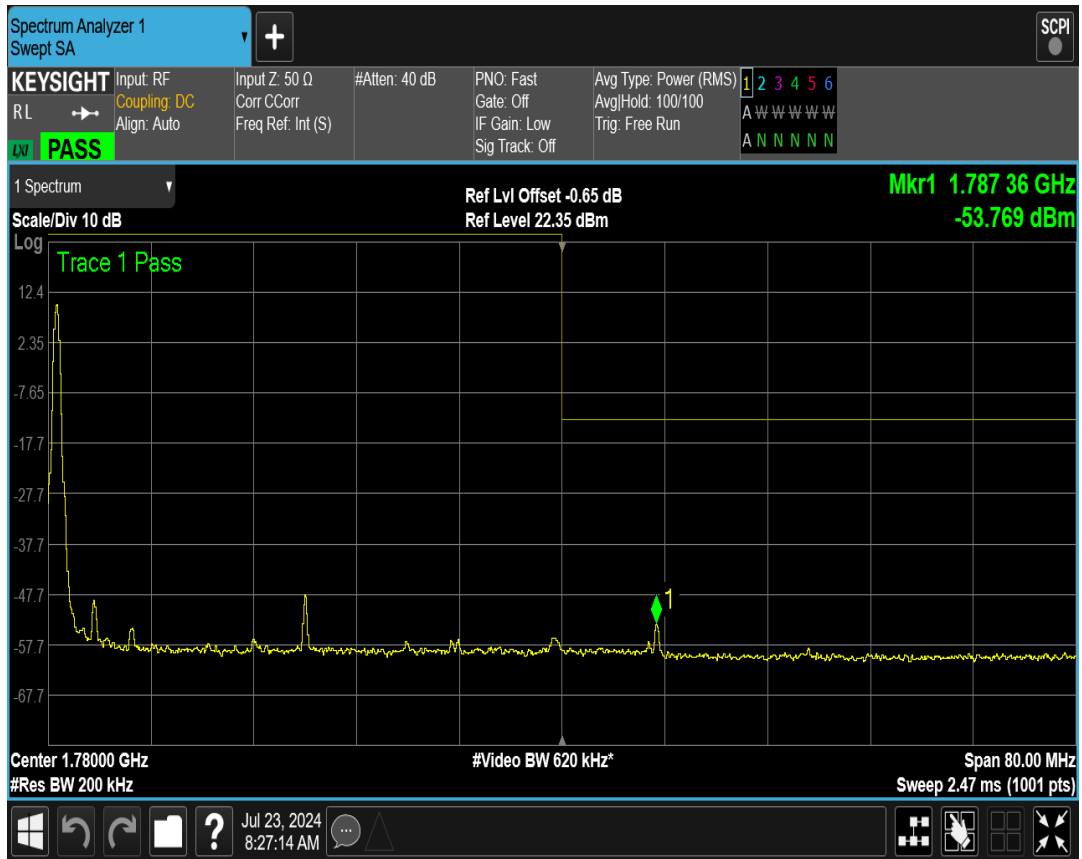
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@215



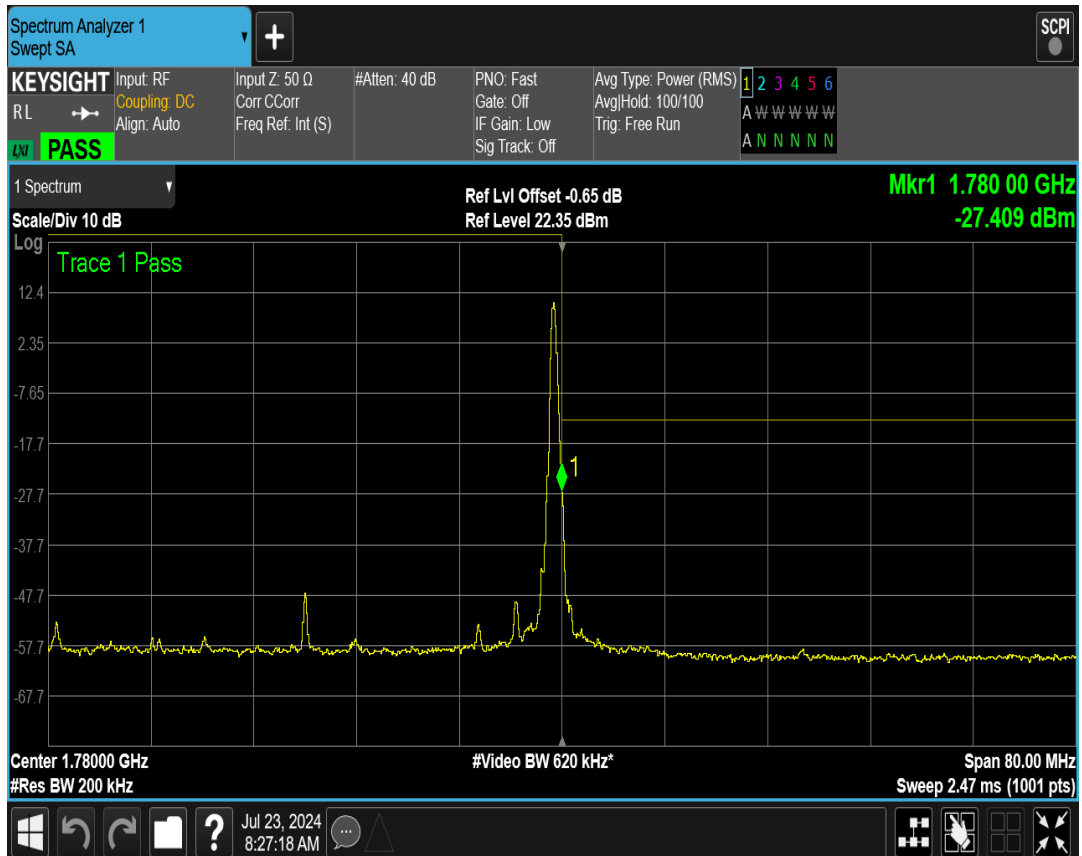
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=216@0



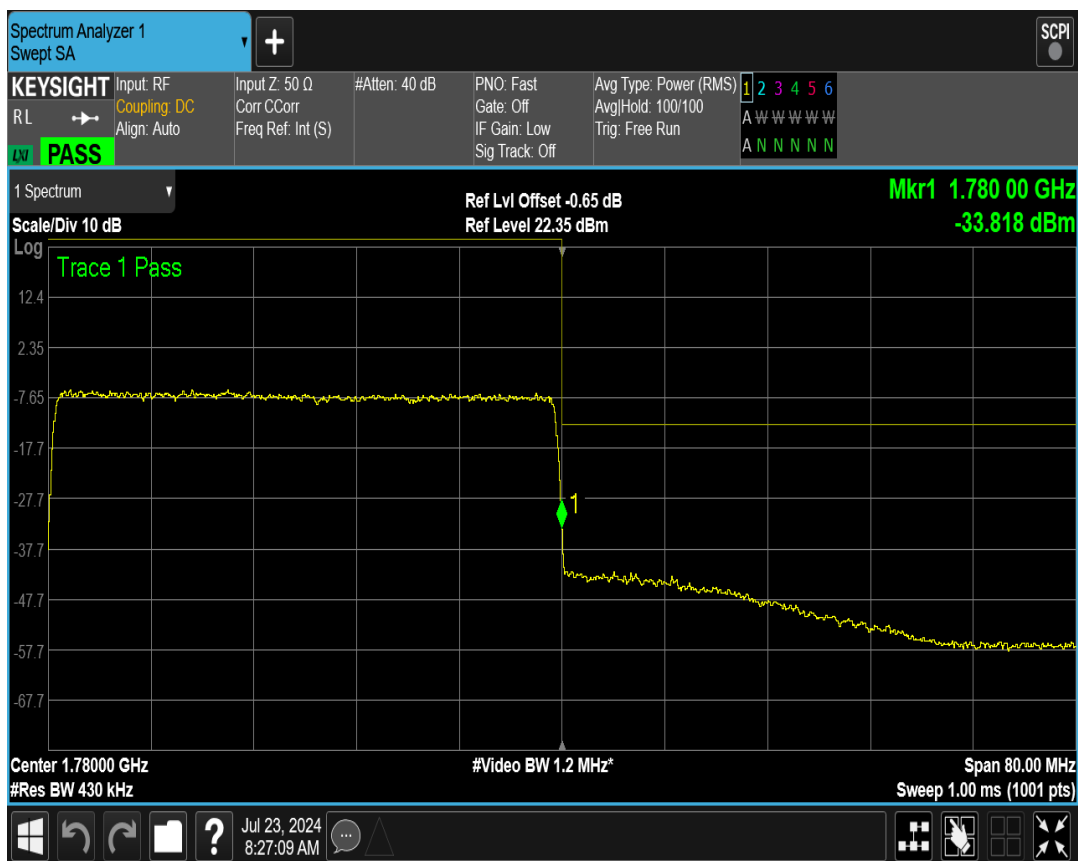
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



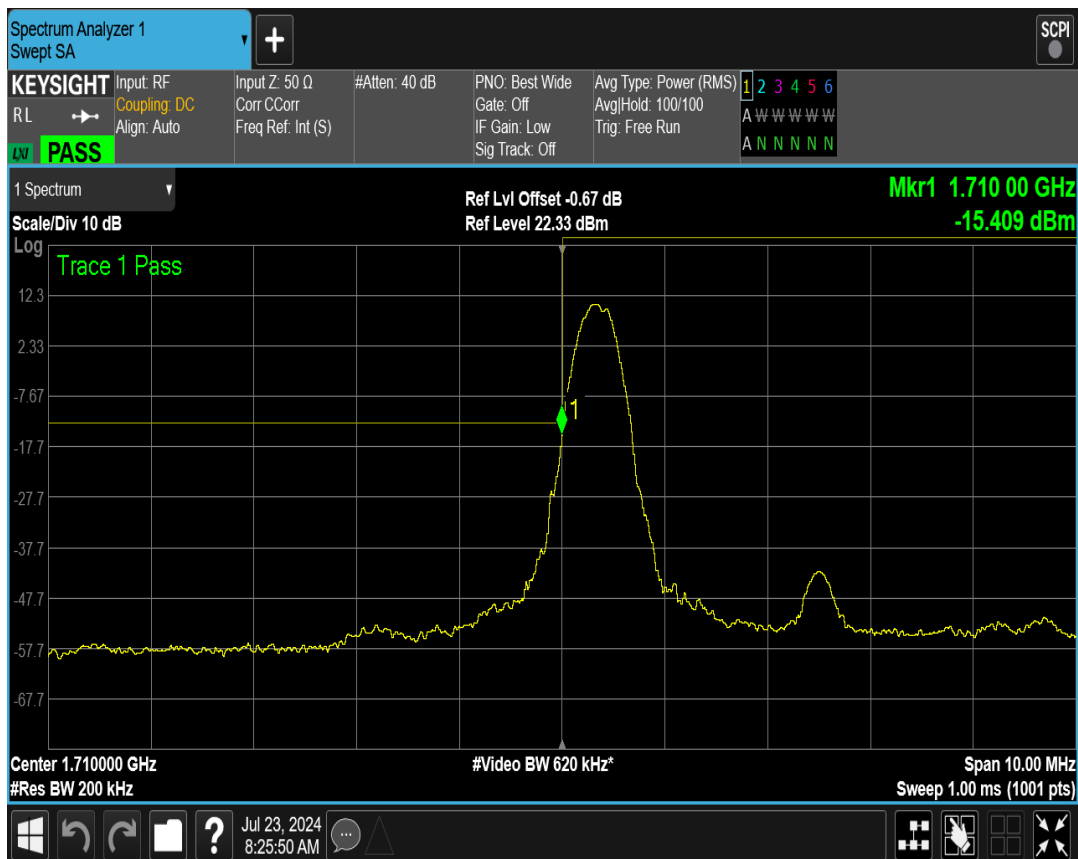
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@215



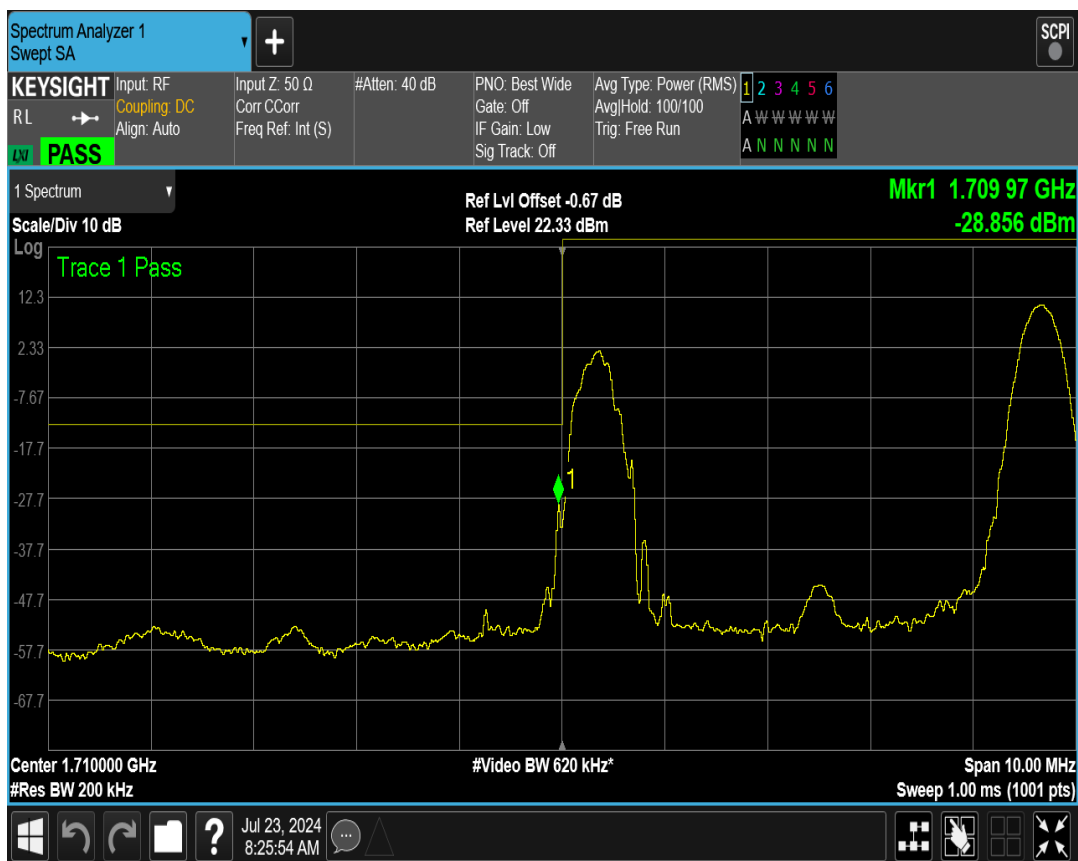
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=216@0



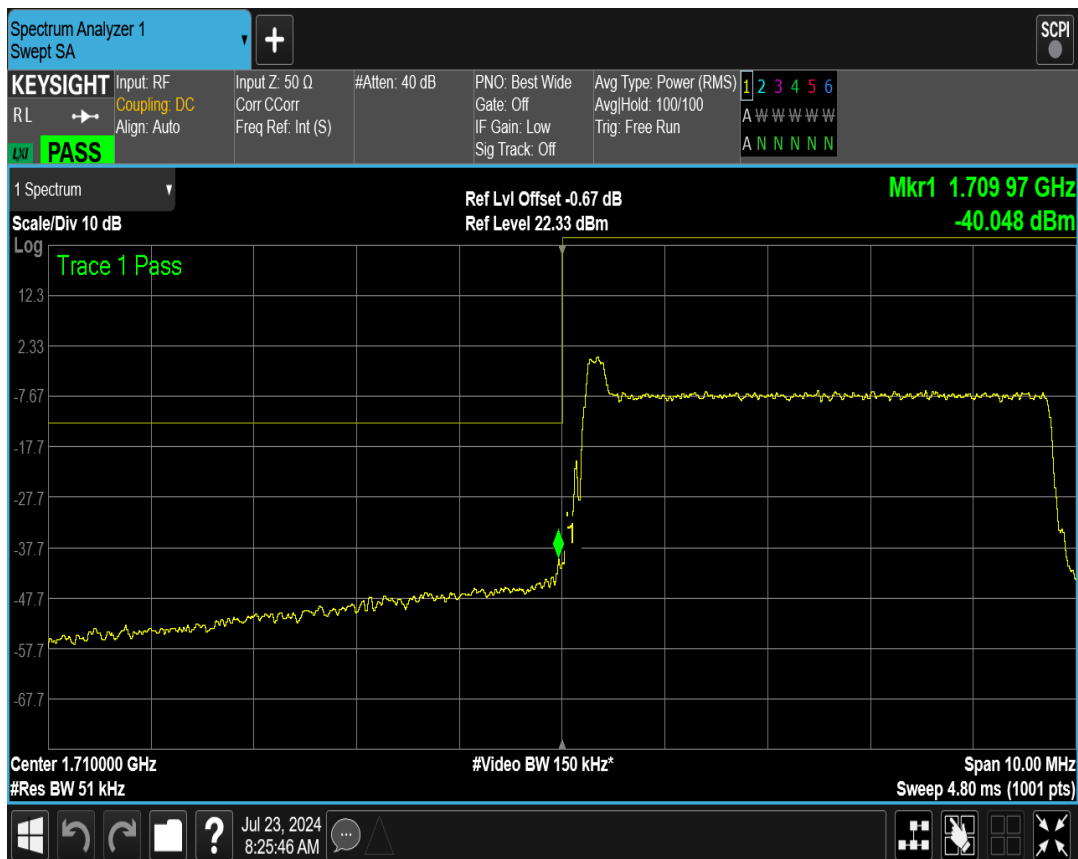
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@0



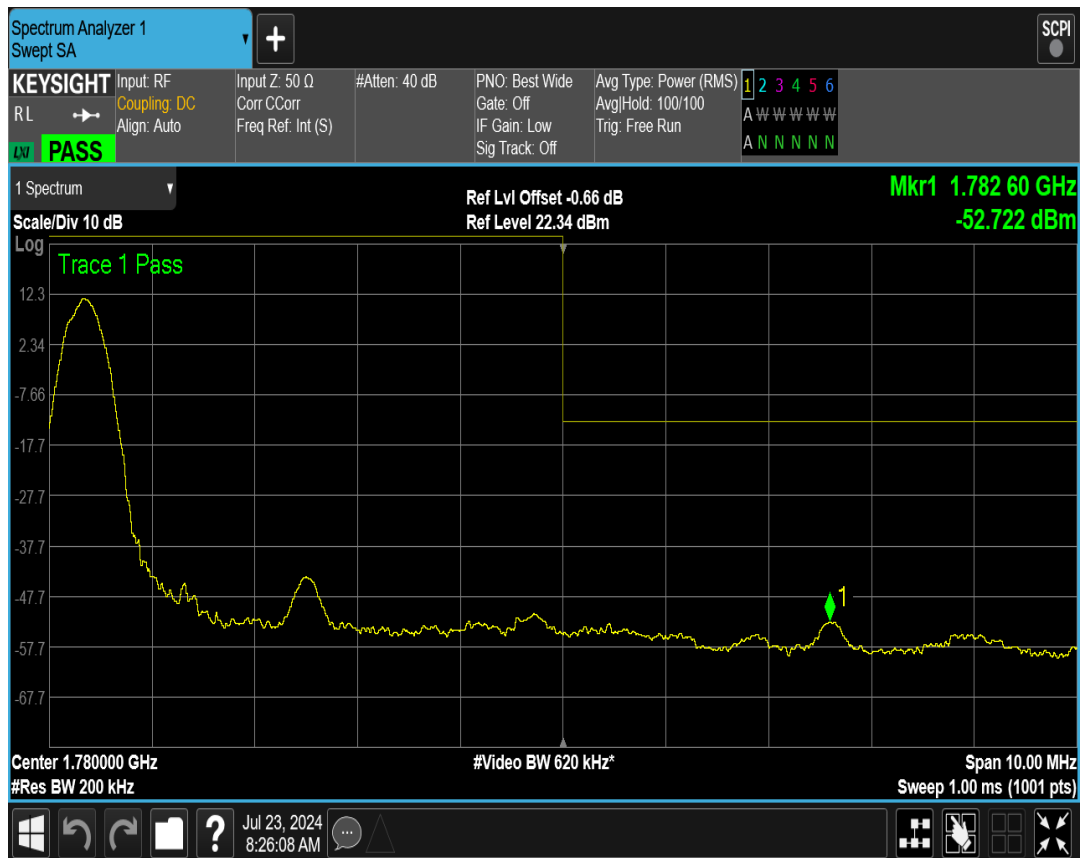
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@24



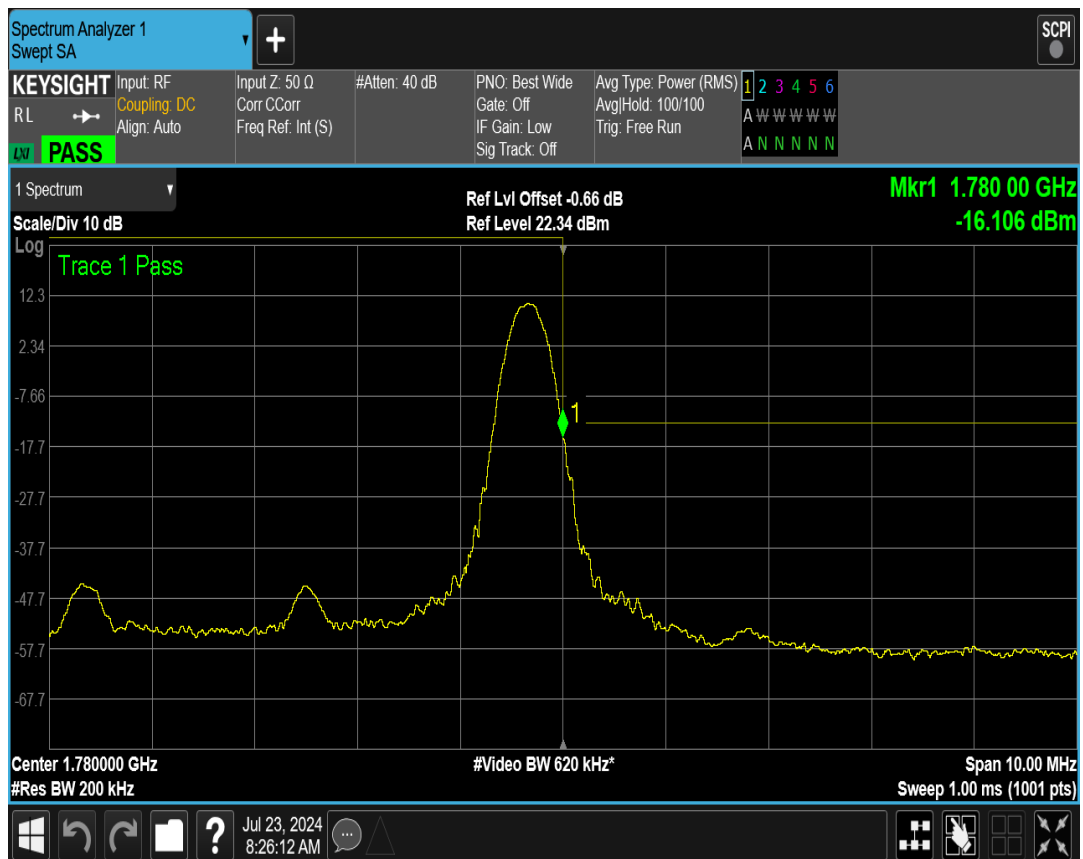
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=25@0



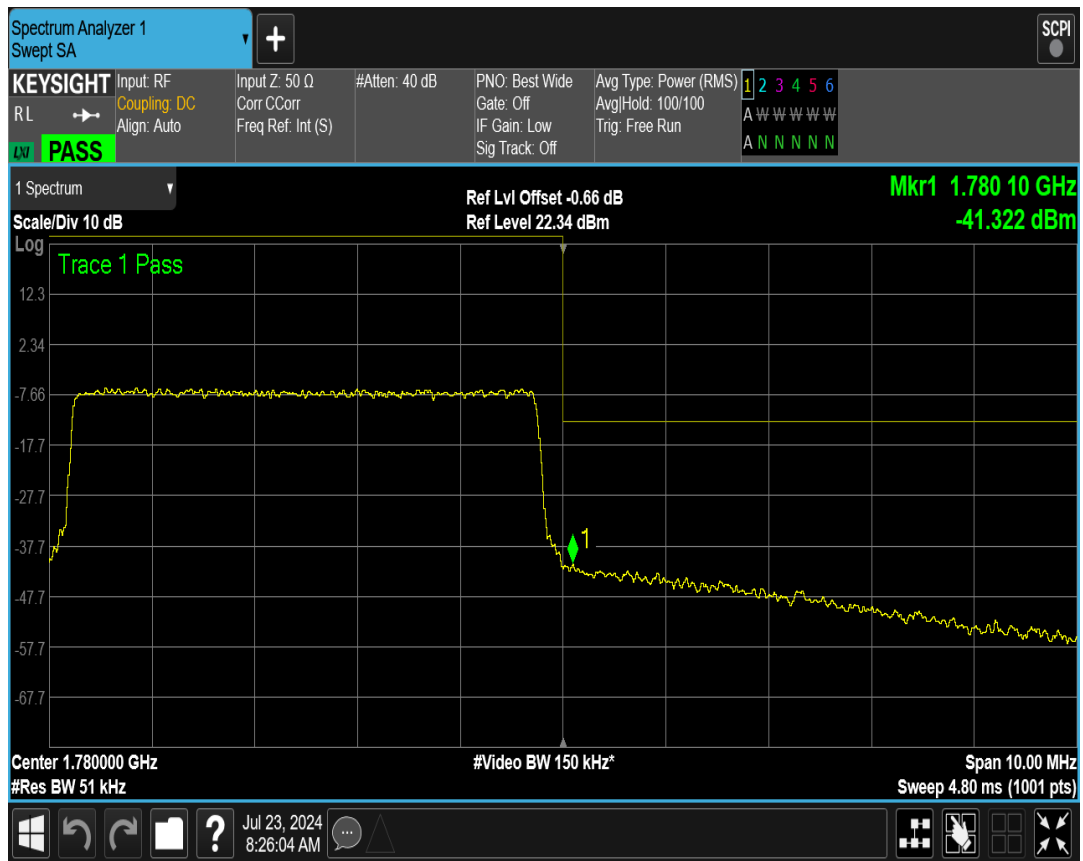
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@0



n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@24



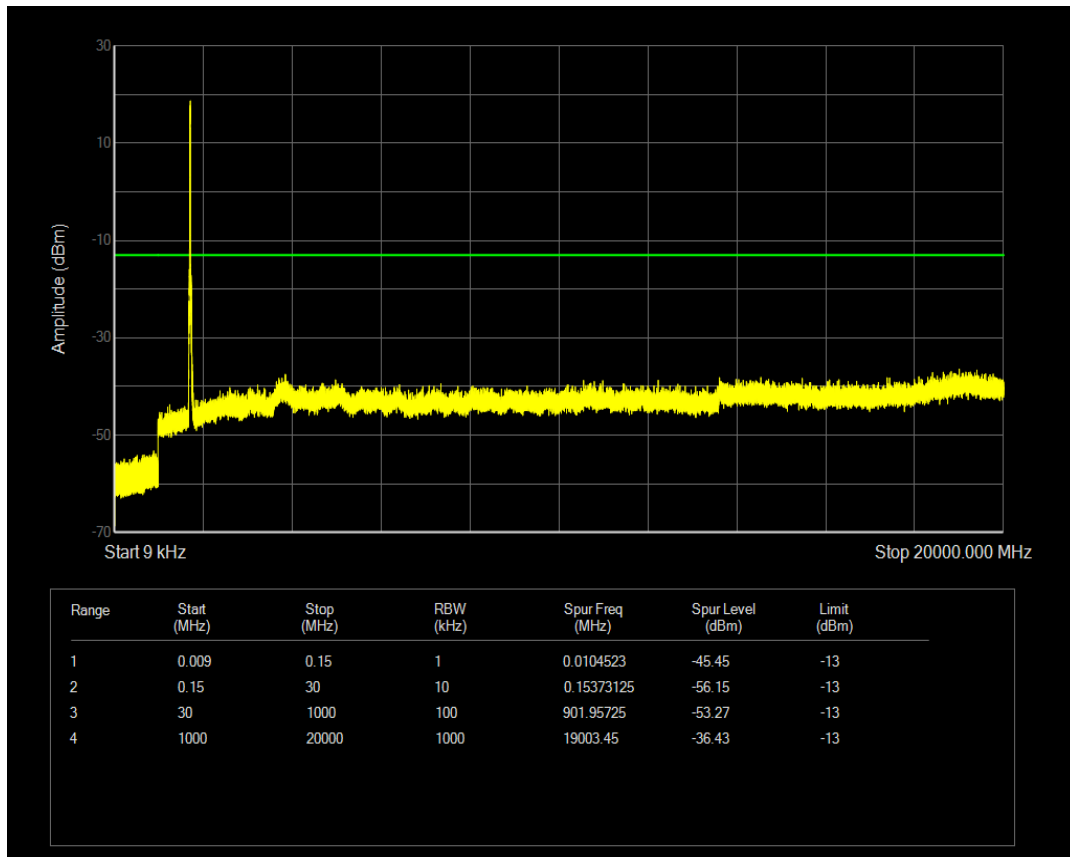
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=25@0

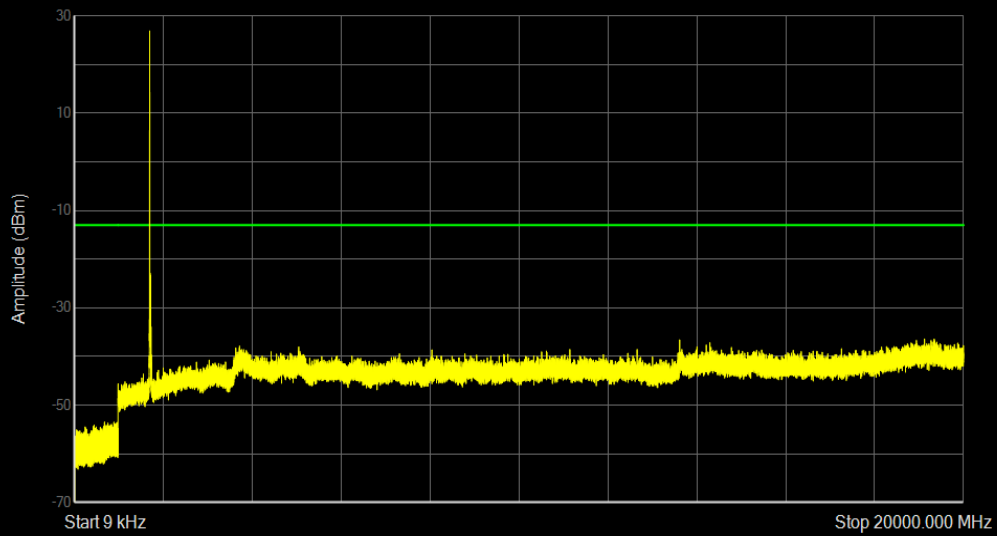


6 Out-of-band emissions for NR FR1

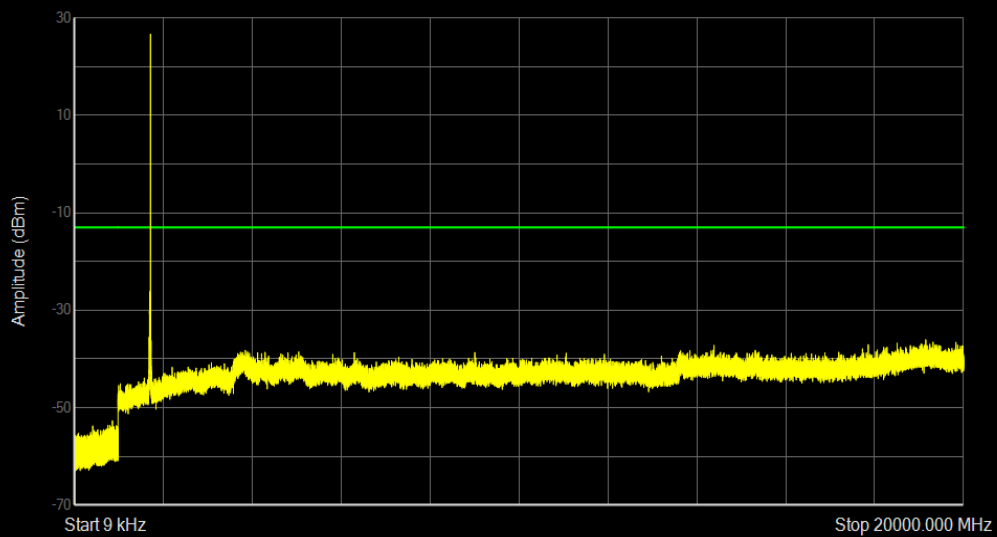
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	5	342500	25@0	CP_QPSK	18994.43	-35.99	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	19093.23	-36.45	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	19056.65	-36.01	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	19418.60	-36.50	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	19132.18	-36.09	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	19132.18	-36.00	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	19003.45	-36.43	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	19122.20	-36.41	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	19151.18	-36.06	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	19803.35	-36.36	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	18809.65	-36.30	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	19285.60	-36.35	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	18667.63	-36.20	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	19109.38	-36.34	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	18858.10	-35.81	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	19183.48	-35.75	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	18613.48	-35.72	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	19665.60	-35.69	-13	PASS

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=106@0

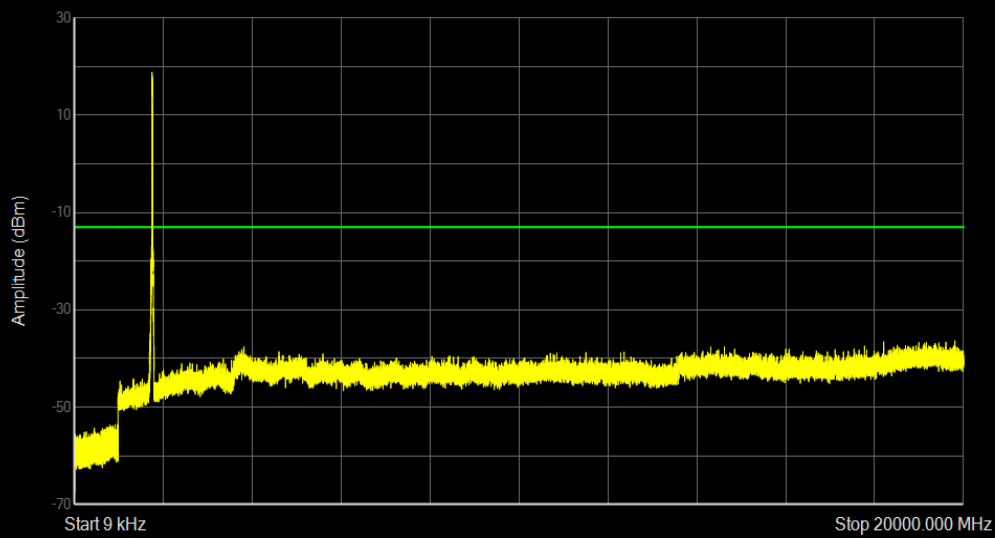


n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0

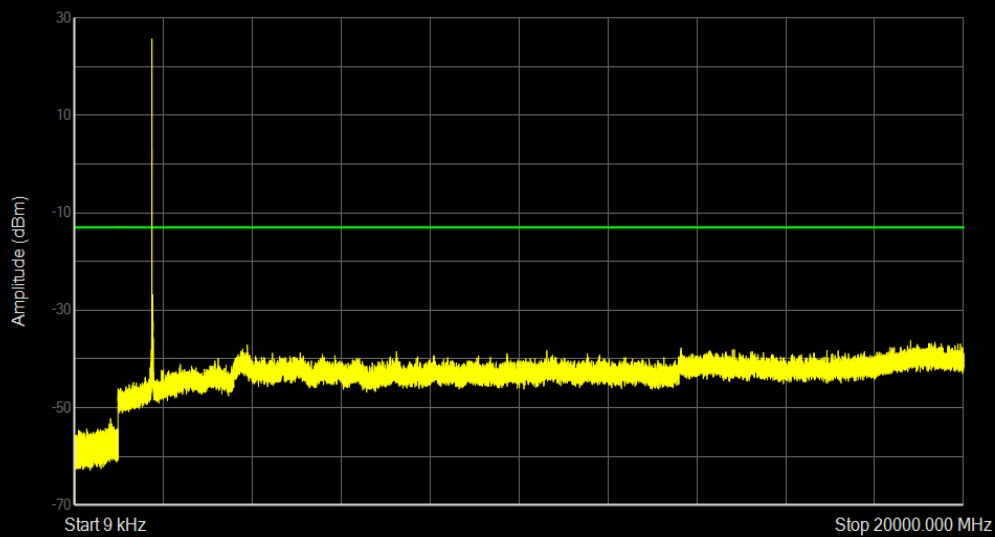
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009757875	-45.23	-13
2	0.15	30	10	0.16567125	-55.51	-13
3	30	1000	100	697.82075	-53.51	-13
4	1000	20000	1000	19122.2	-36.41	-13

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@105

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0151476	-45.12	-13
2	0.15	30	10	0.15	-55.25	-13
3	30	1000	100	873.8515	-52.7	-13
4	1000	20000	1000	19151.175	-36.06	-13

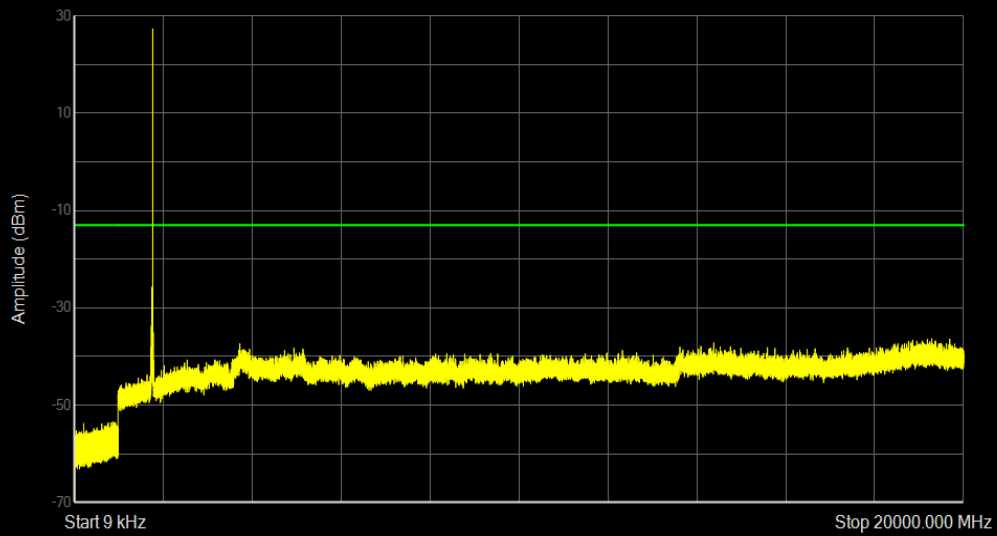
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=106@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0102972	-45.51	-13
2	0.15	30	10	0.15	-55.77	-13
3	30	1000	100	992.1915	-53.51	-13
4	1000	20000	1000	19803.35	-36.36	-13

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0

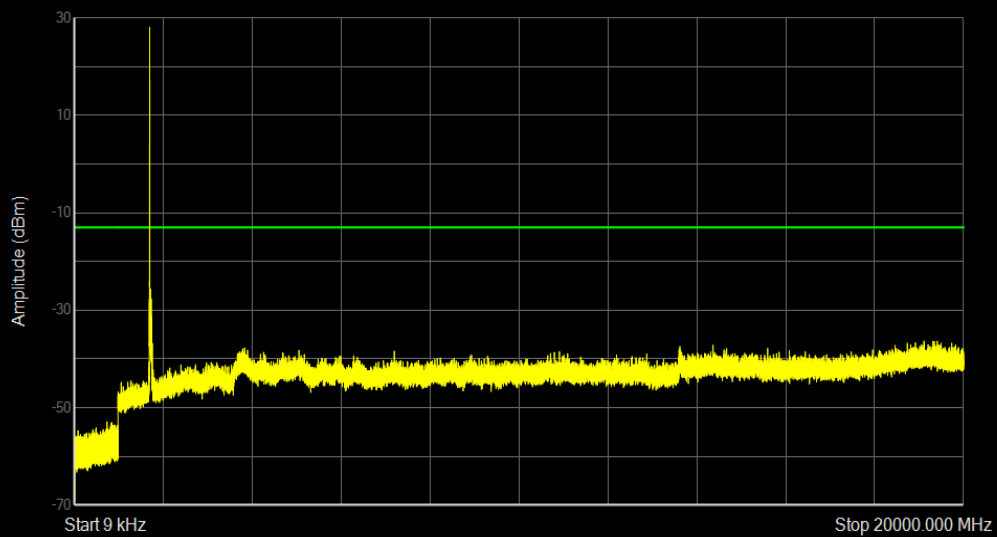
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010709625	-43.84	-13
2	0.15	30	10	0.15	-55.88	-13
3	30	1000	100	830.75925	-52.29	-13
4	1000	20000	1000	18809.65	-36.3	-13

n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@105



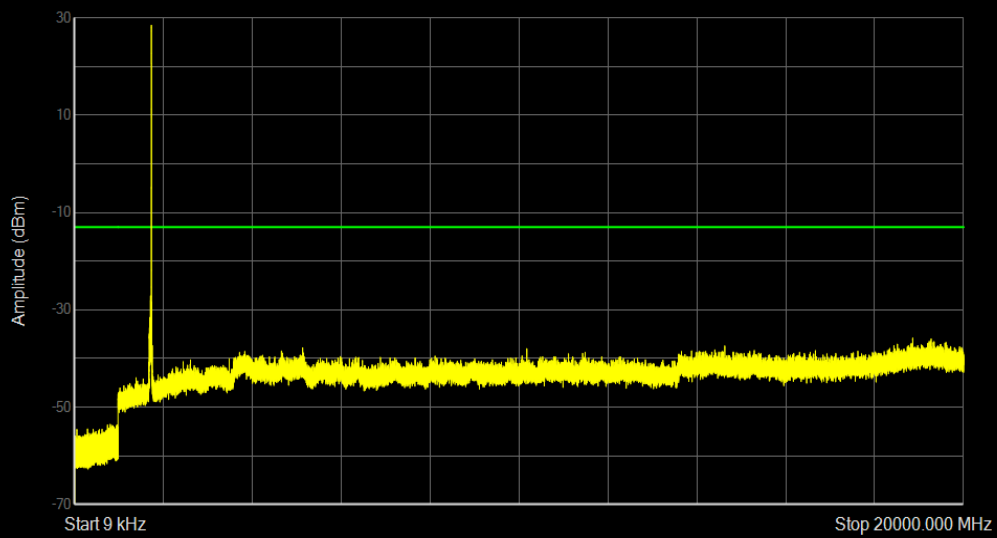
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0119892	-43.35	-13
2	0.15	30	10	0.15	-54.99	-13
3	30	1000	100	882.3875	-53.47	-13
4	1000	20000	1000	19285.6	-36.35	-13

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



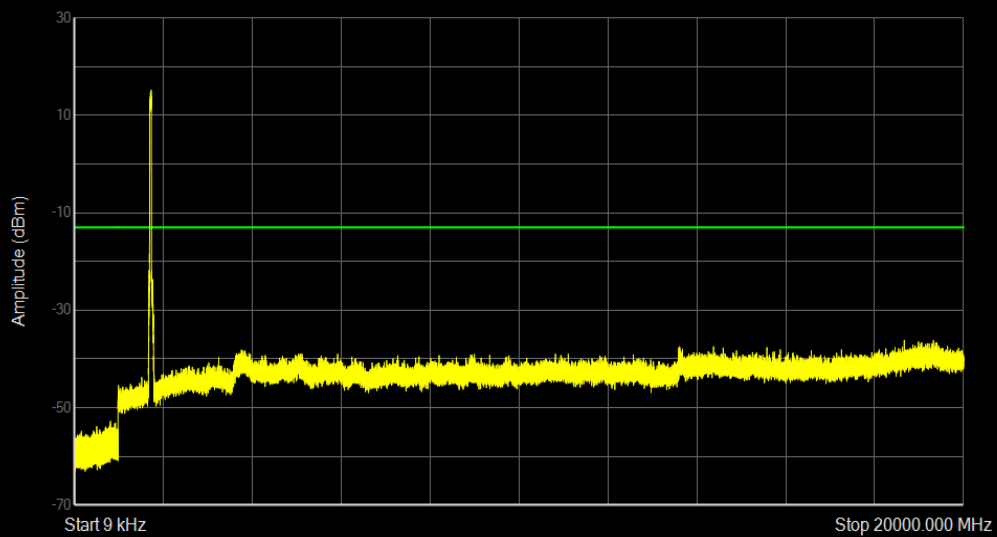
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0125391	-43.14	-13
2	0.15	30	10	0.15671625	-56.14	-13
3	30	1000	100	751.001	-52.91	-13
4	1000	20000	1000	19109.375	-36.34	-13

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@215

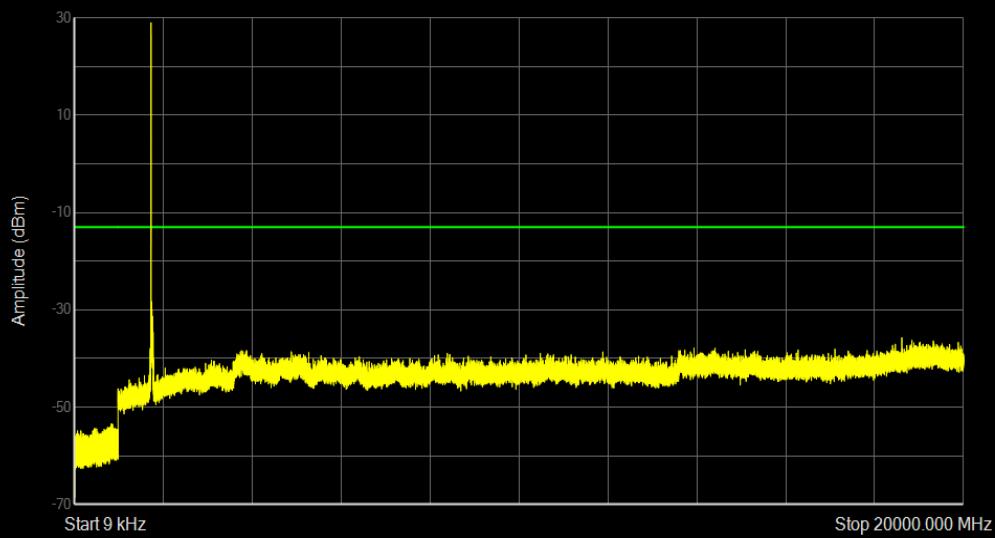


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01136175	-46.2	-13
2	0.15	30	10	0.176865	-55.35	-13
3	30	1000	100	825.56975	-53.54	-13
4	1000	20000	1000	18858.1	-35.81	-13

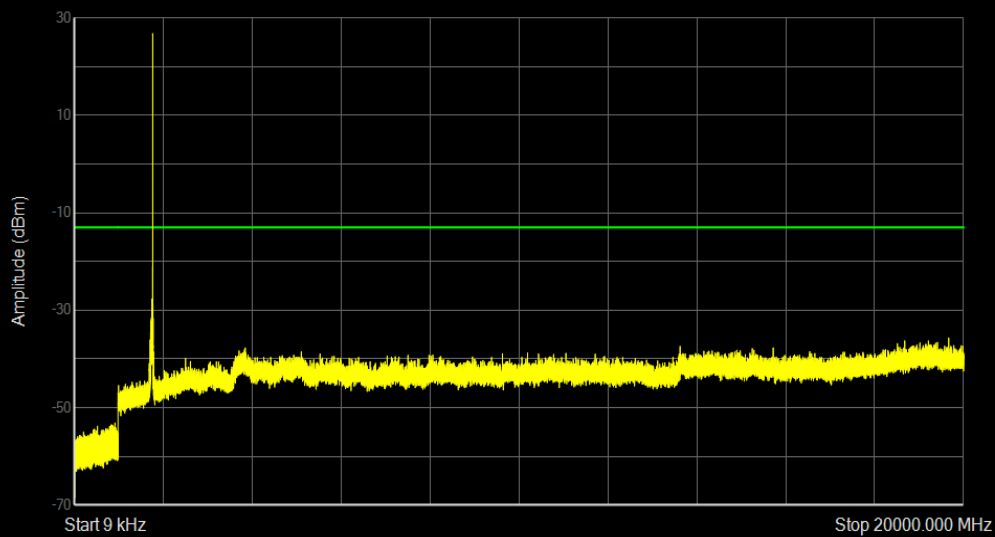
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=216@0



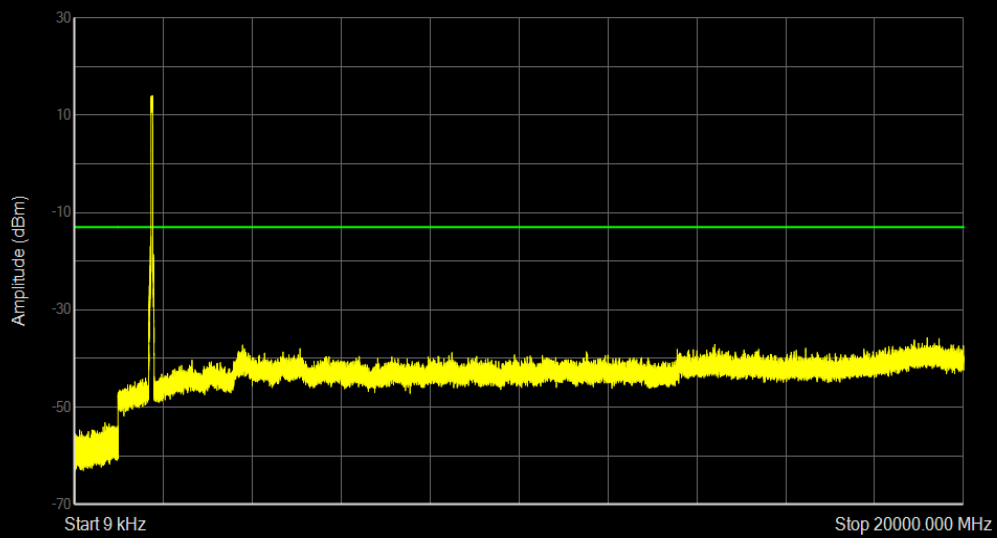
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01267305	-45.21	-13
2	0.15	30	10	0.15373125	-56.87	-13
3	30	1000	100	828.04325	-52.82	-13
4	1000	20000	1000	18667.625	-36.2	-13

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0

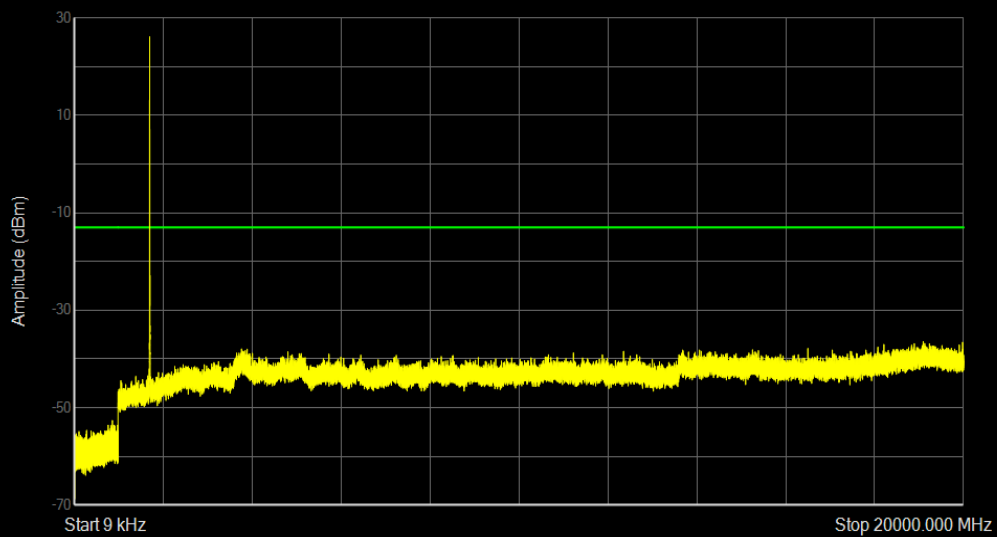
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01116435	-45.29	-13
2	0.15	30	10	0.16417875	-55	-13
3	30	1000	100	854.3545	-53.4	-13
4	1000	20000	1000	18613.475	-35.72	-13

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@215

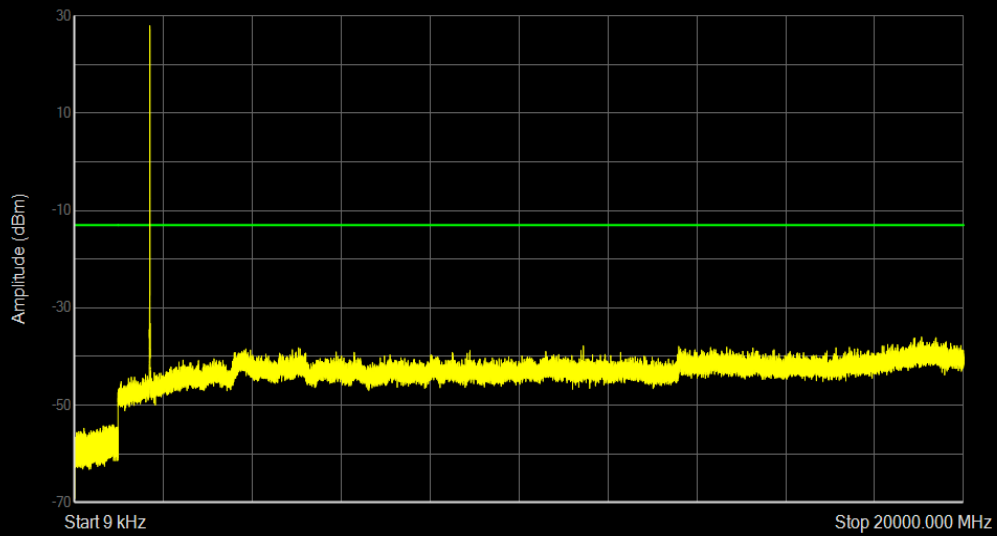
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011033925	-44.71	-13
2	0.15	30	10	0.15	-55.19	-13
3	30	1000	100	930.66925	-53.14	-13
4	1000	20000	1000	19685.6	-35.69	-13

n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=216@0

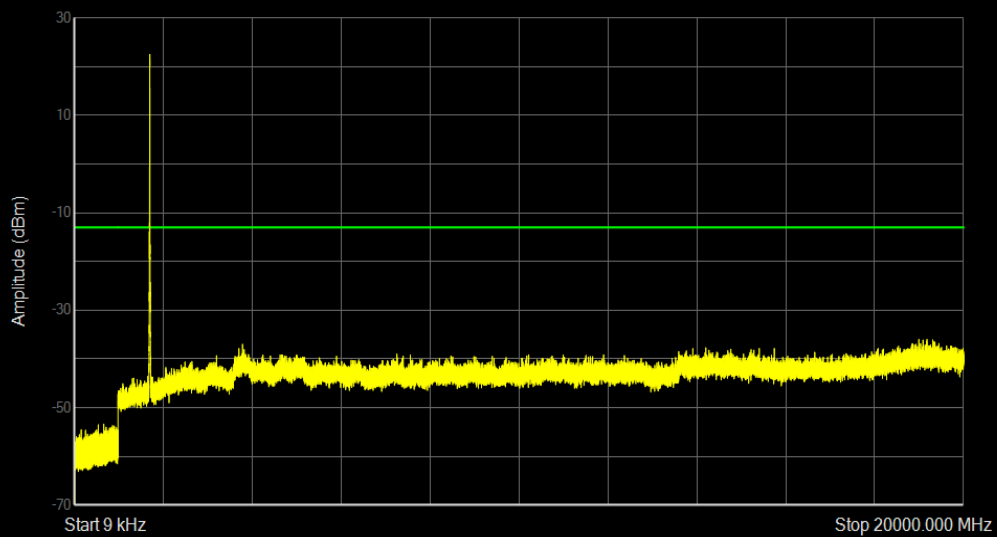
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012295875	-44.72	-13
2	0.15	30	10	0.15373125	-55.19	-13
3	30	1000	100	707.739	-53.22	-13
4	1000	20000	1000	19183.475	-35.75	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@0

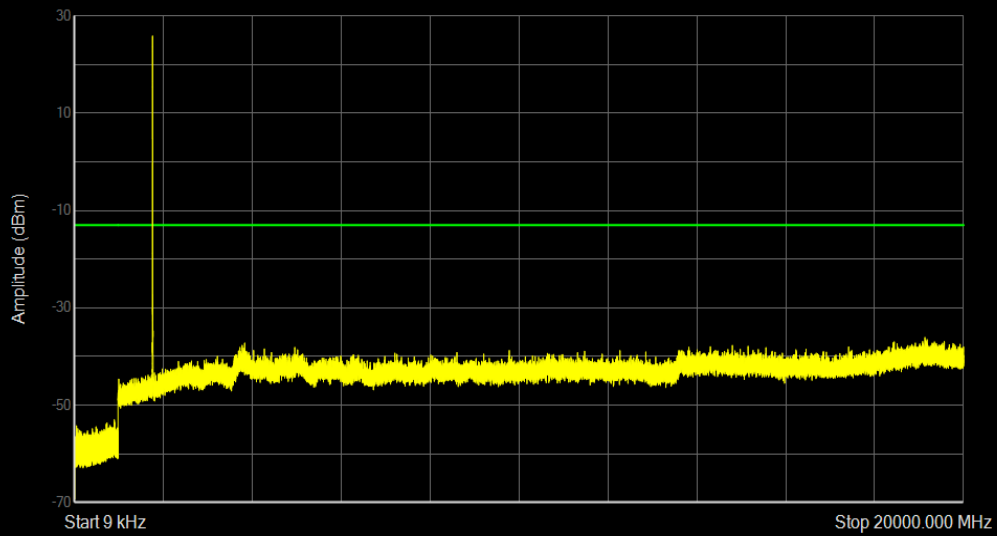
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00931725	-44.74	-13
2	0.15	30	10	0.1514925	-56.16	-13
3	30	1000	100	873.29375	-52.65	-13
4	1000	20000	1000	19093.225	-36.45	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@24

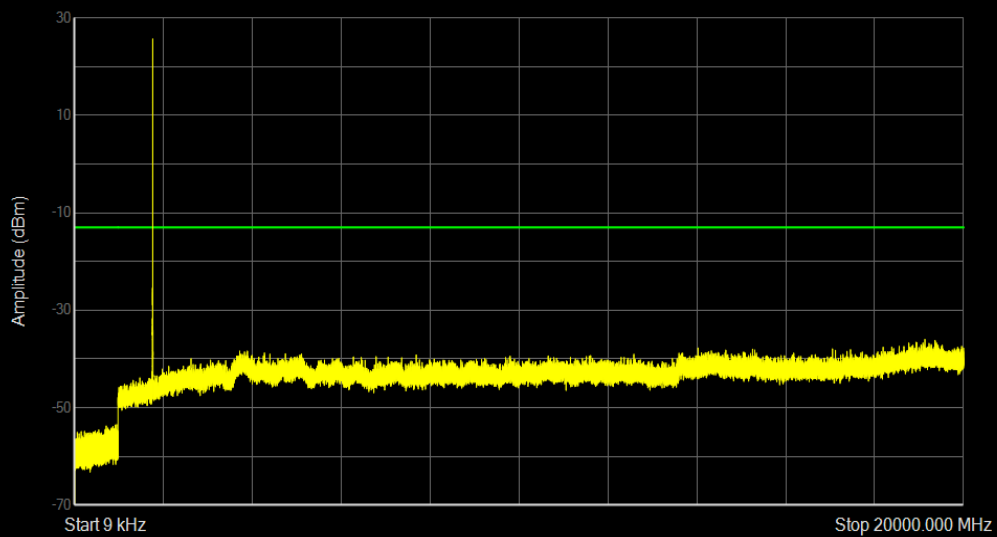
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01697355	-45.59	-13
2	0.15	30	10	0.1514925	-55.71	-13
3	30	1000	100	878.14375	-54.04	-13
4	1000	20000	1000	19056.65	-36.01	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=25@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01157325	-45.52	-13
2	0.15	30	10	0.15	-55.62	-13
3	30	1000	100	677.8145	-53.38	-13
4	1000	20000	1000	18994.425	-35.99	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011115	-45.58	-13
2	0.15	30	10	0.15	-55.93	-13
3	30	1000	100	916.6285	-53.01	-13
4	1000	20000	1000	19132.175	-36.09	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@24

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0139068	-44.61	-13
2	0.15	30	10	0.15	-57.21	-13
3	30	1000	100	969.37225	-53.48	-13
4	1000	20000	1000	19132.175	-36	-13

n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=25@0

