



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=20MHz Channel=349000 RB=100@0



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



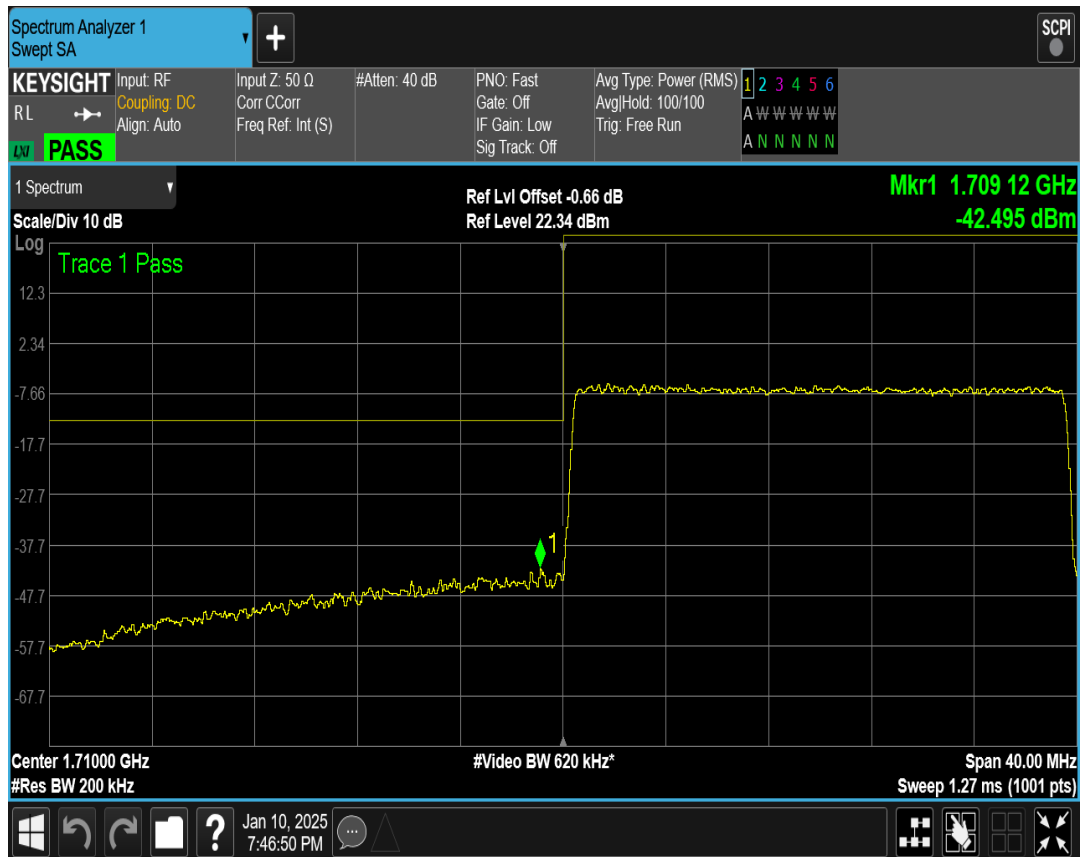
n66 SCS=15kHz DFT_QPSK BW=5MHz Channel=349000 RB=25@0



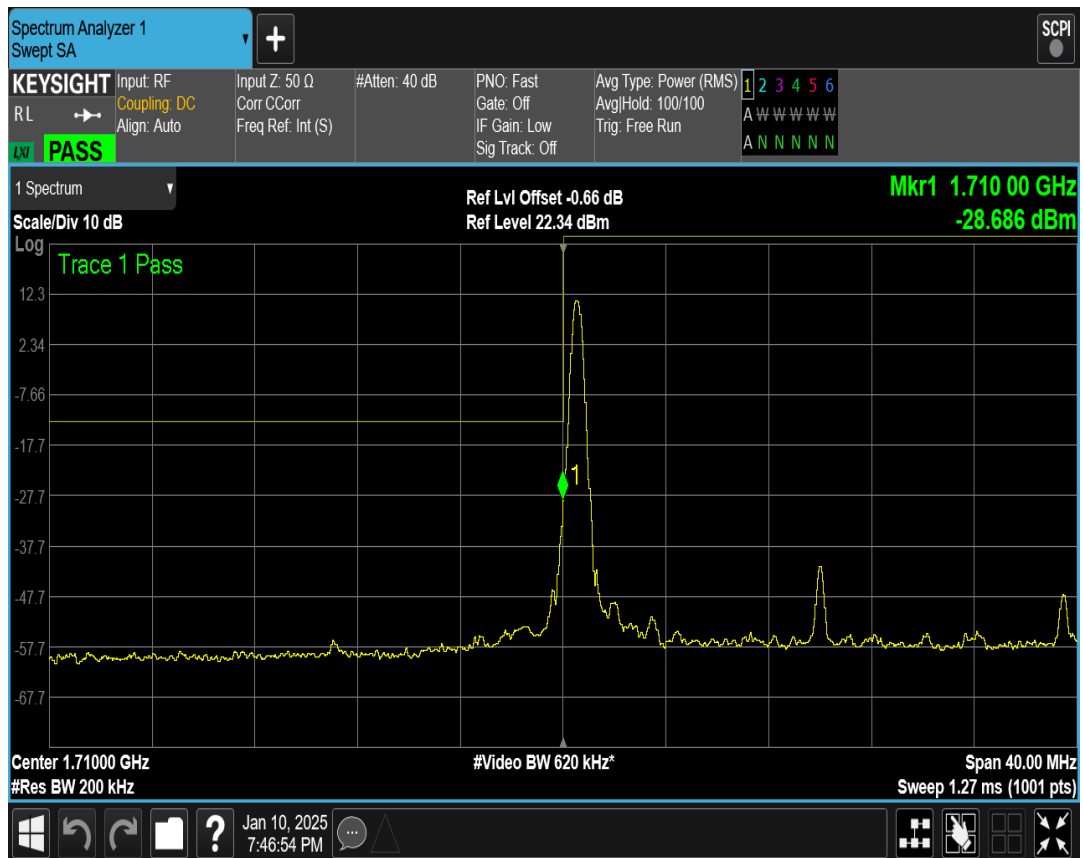
5 Band edge for NR FR1

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	1709.98	-34.54	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	1710.00	-13.44	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	1709.66	-52.30	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	1780.00	-43.04	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	1782.63	-52.33	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	1780.00	-16.31	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	1709.12	-42.49	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	1710.00	-28.68	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	1700.20	-51.89	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	1780.04	-43.30	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	1789.80	-51.88	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	1780.00	-35.16	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	1710.00	-36.12	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	1710.00	-33.97	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	1702.64	-53.07	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	1780.00	-33.54	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	1787.36	-54.23	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	1780.00	-24.42	-13	PASS

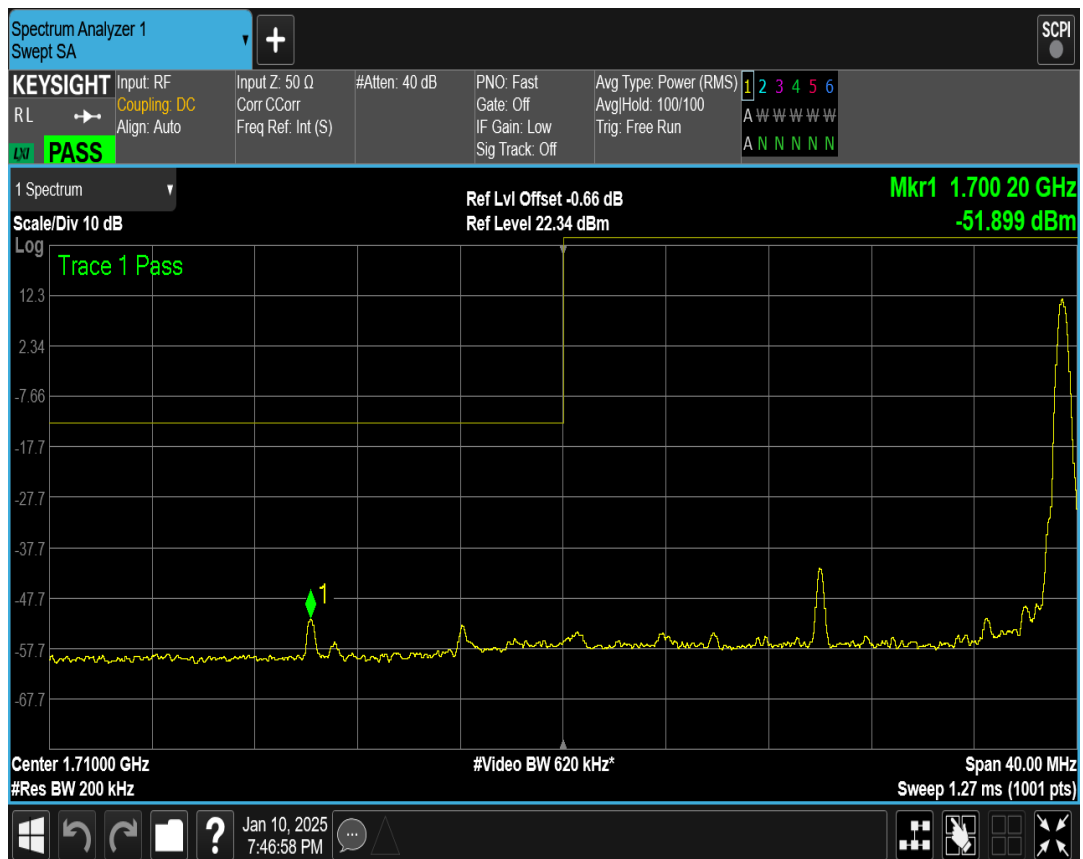
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=106@0



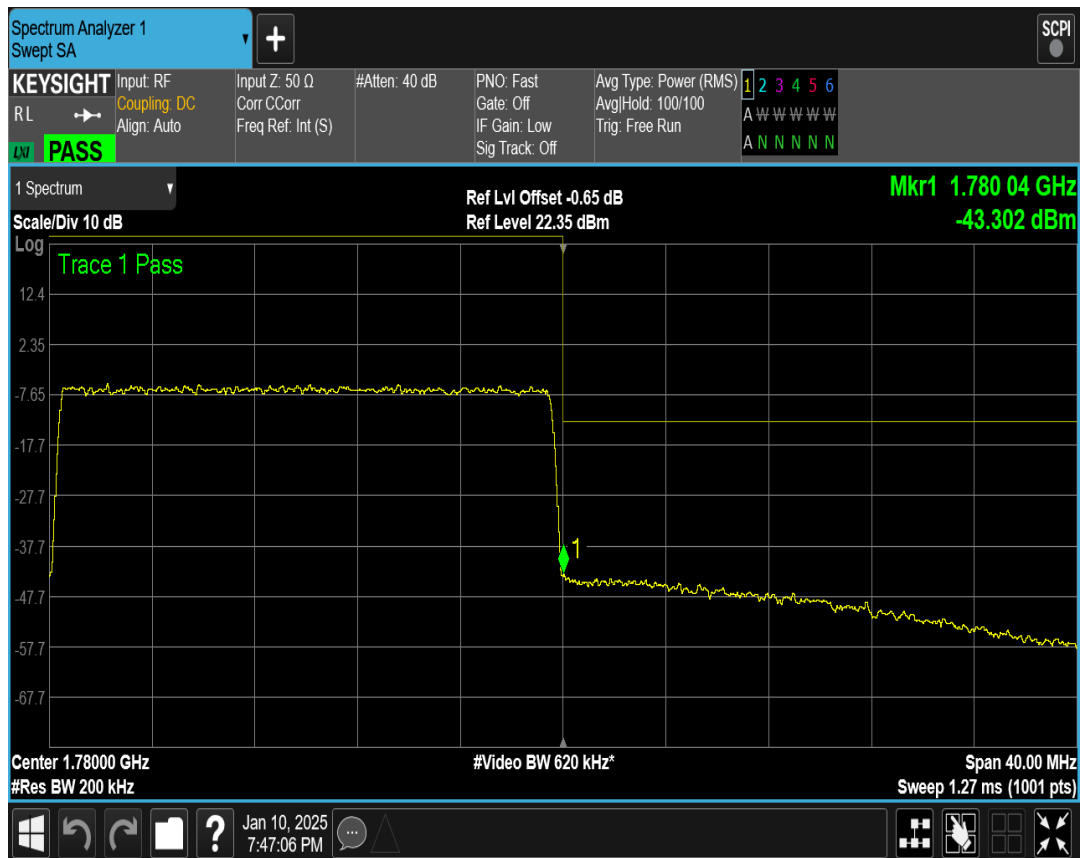
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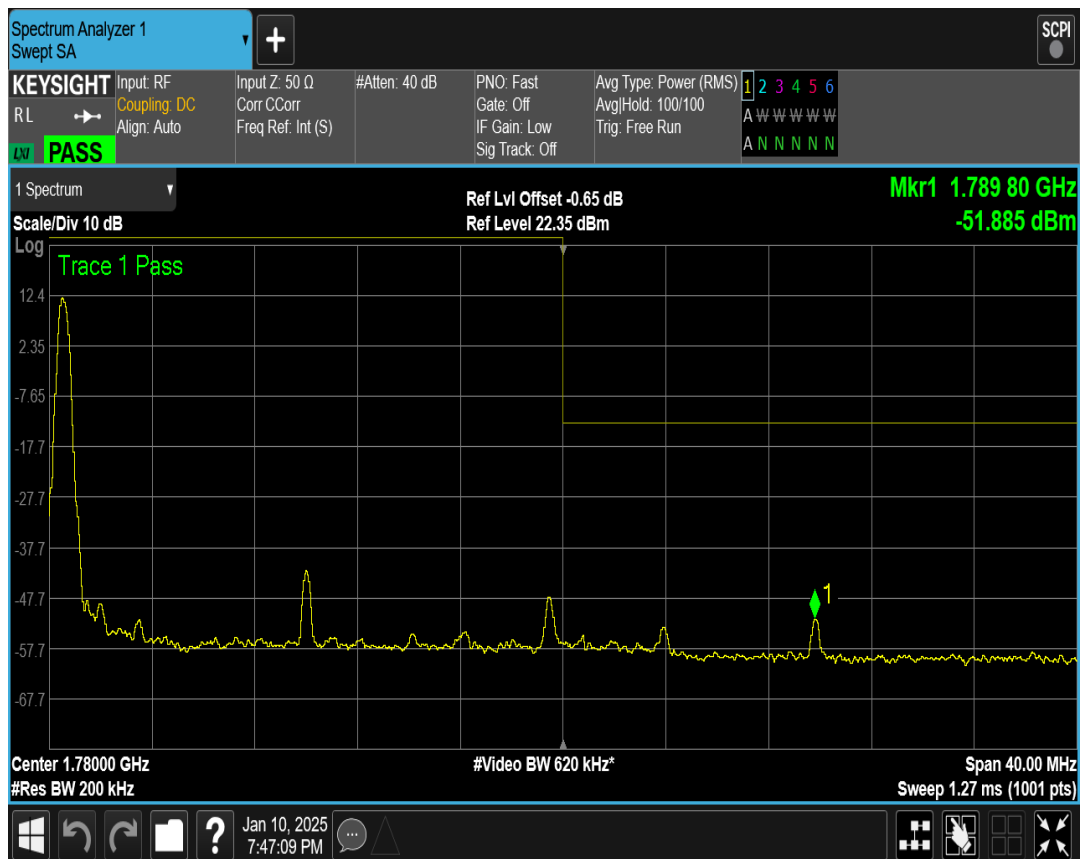
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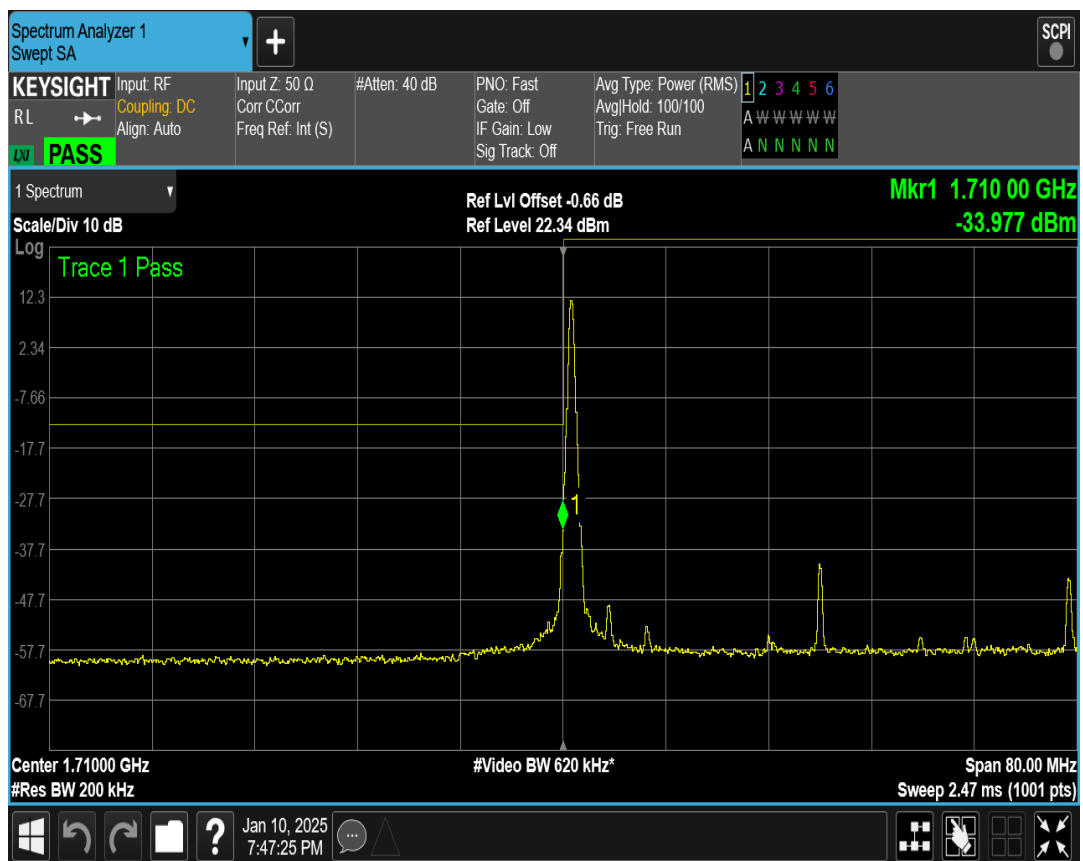
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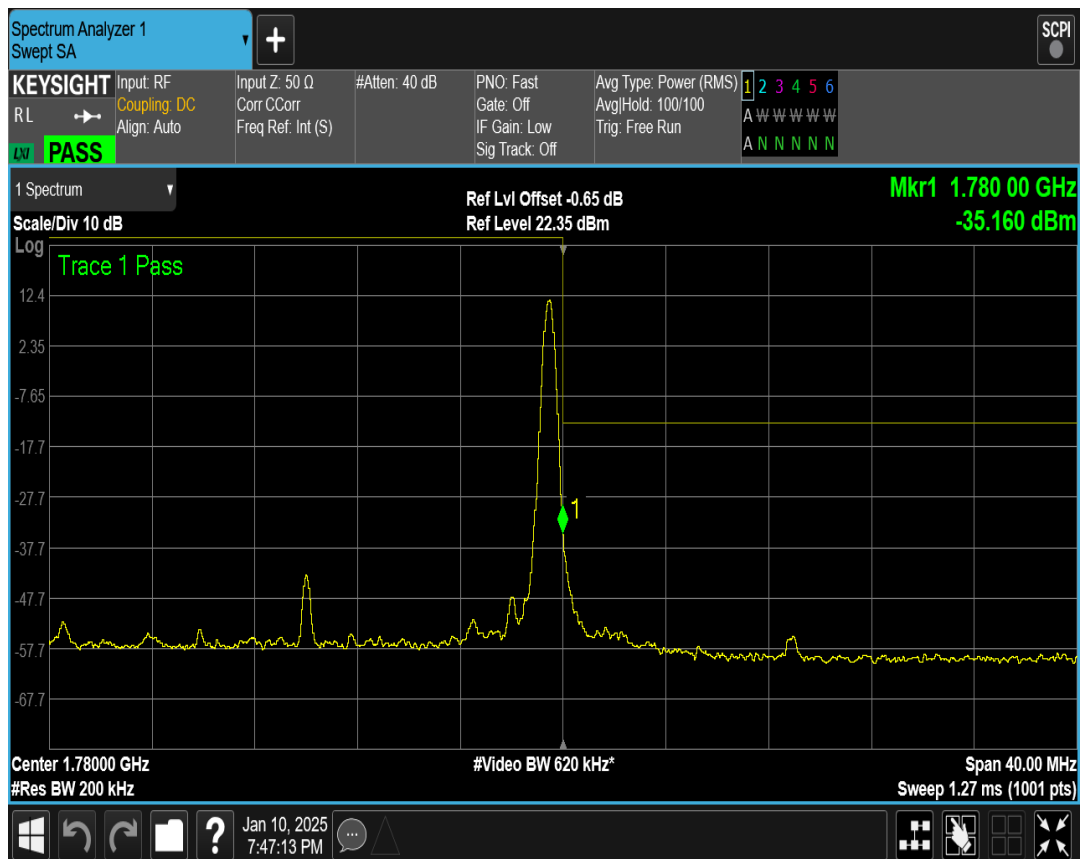
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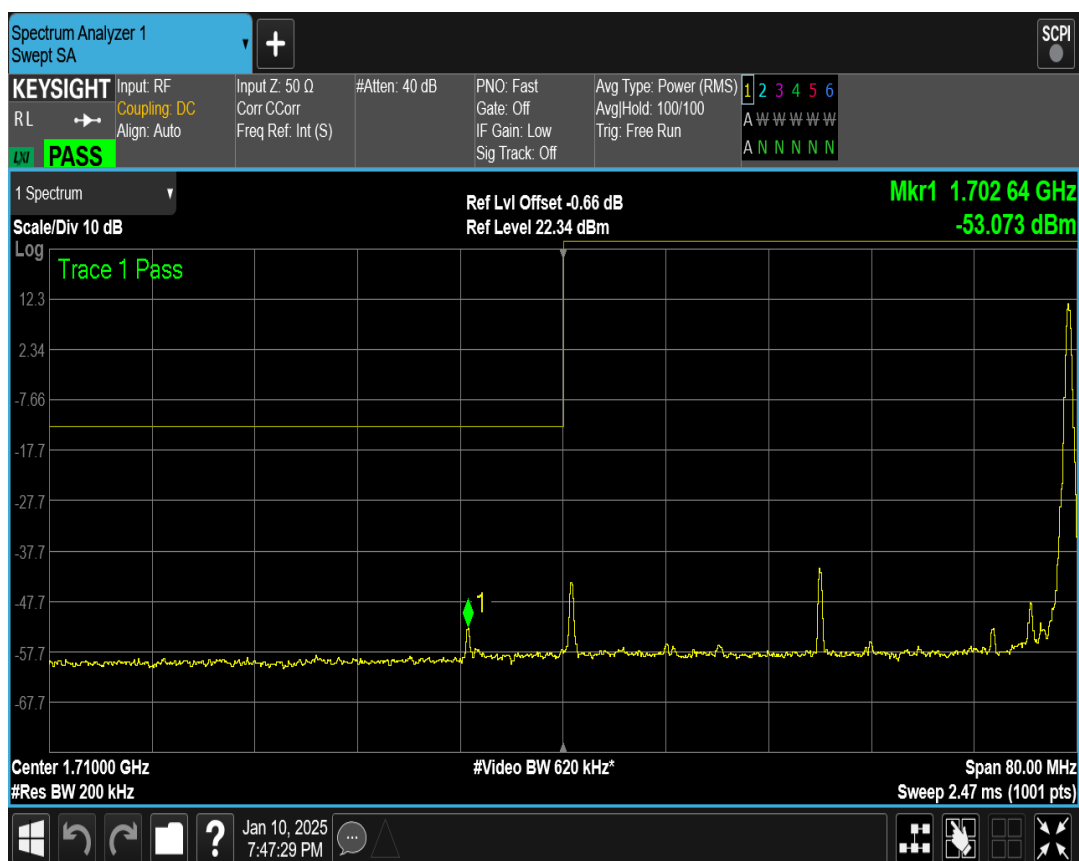
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



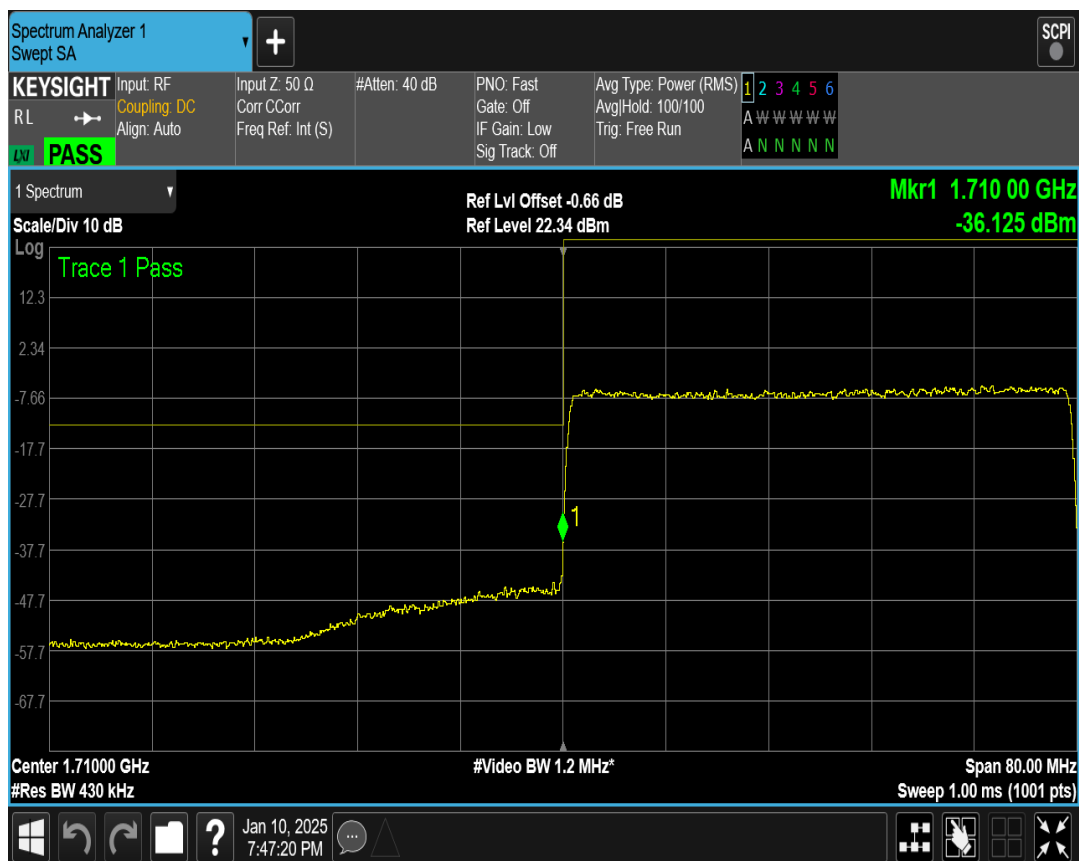
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@105



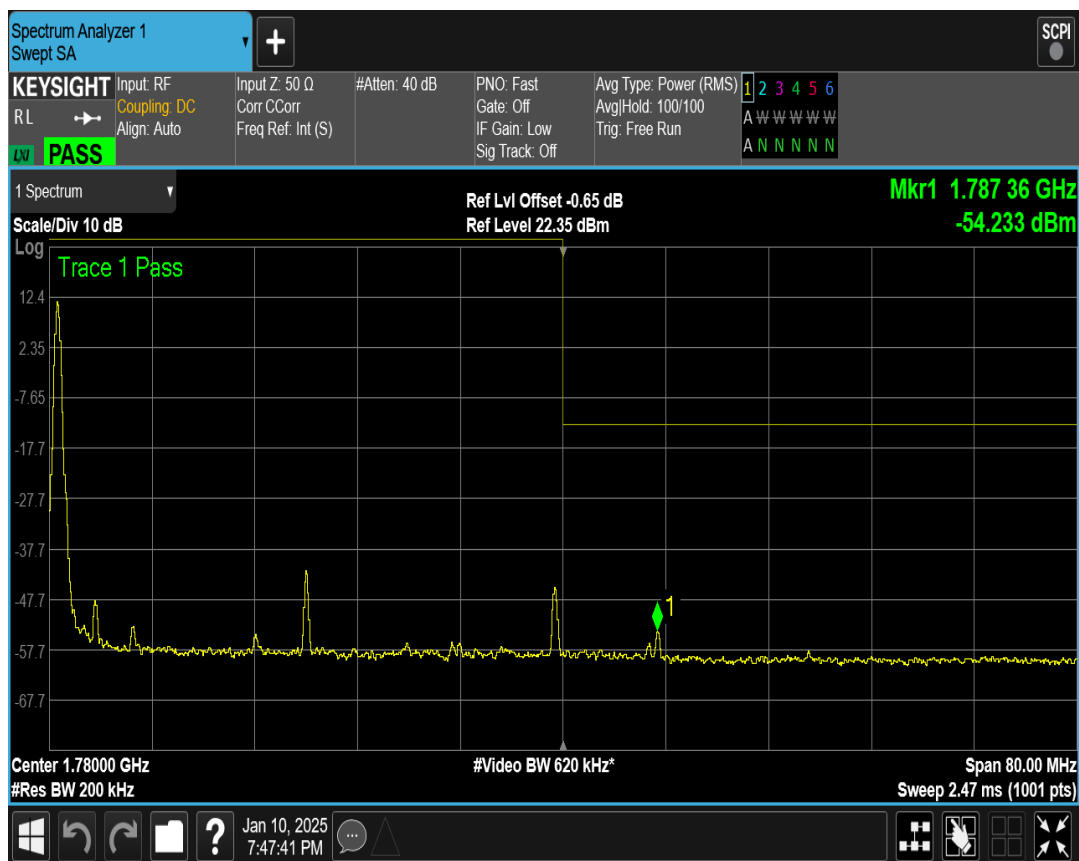
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@215



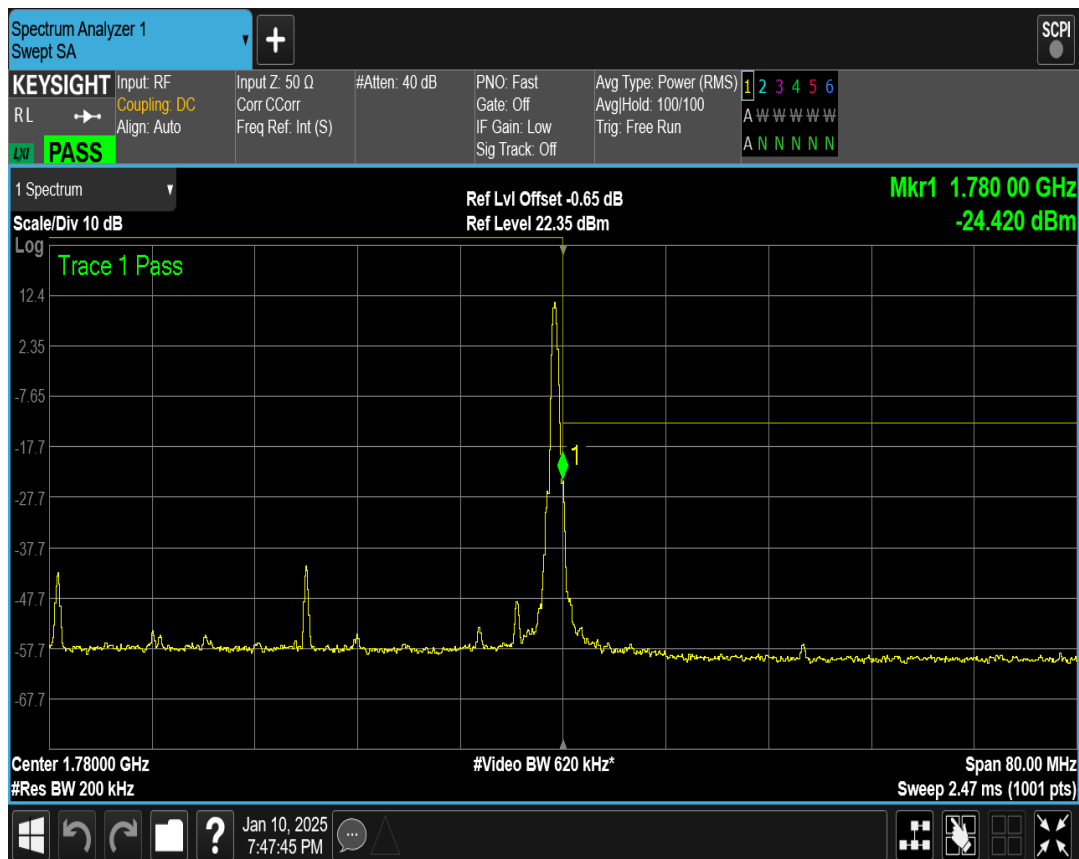
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=216@0



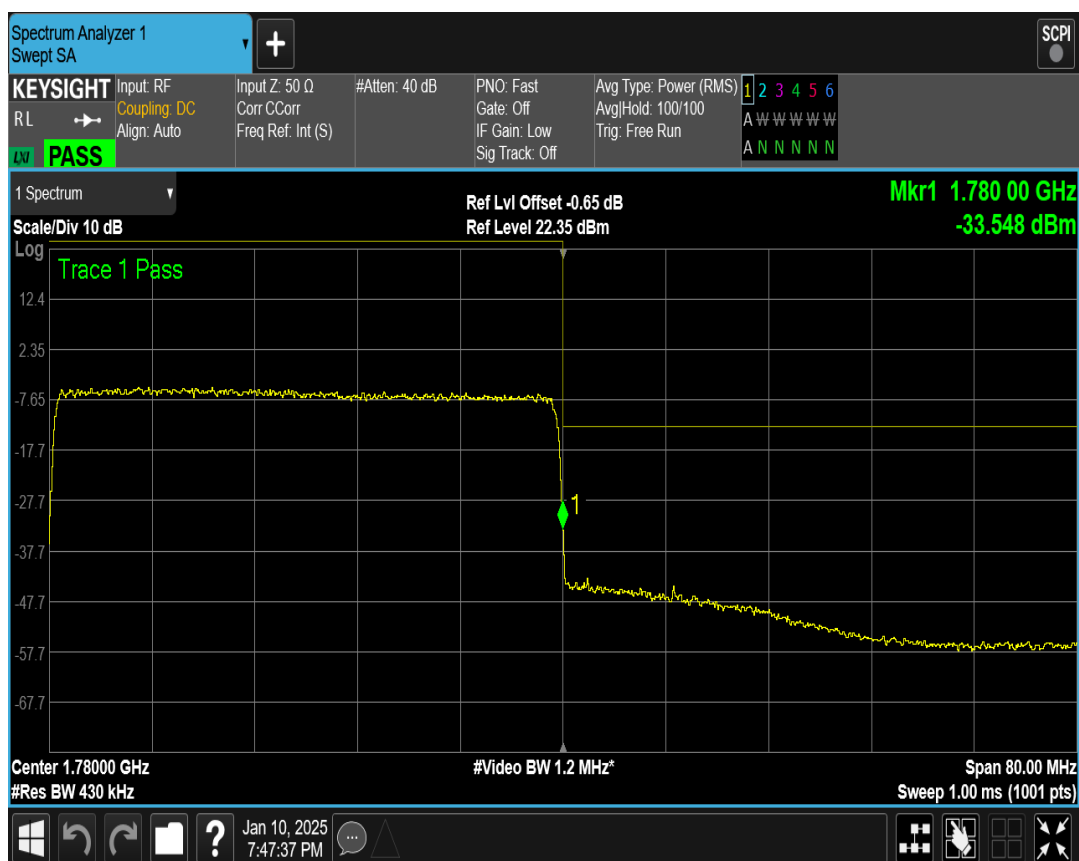
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



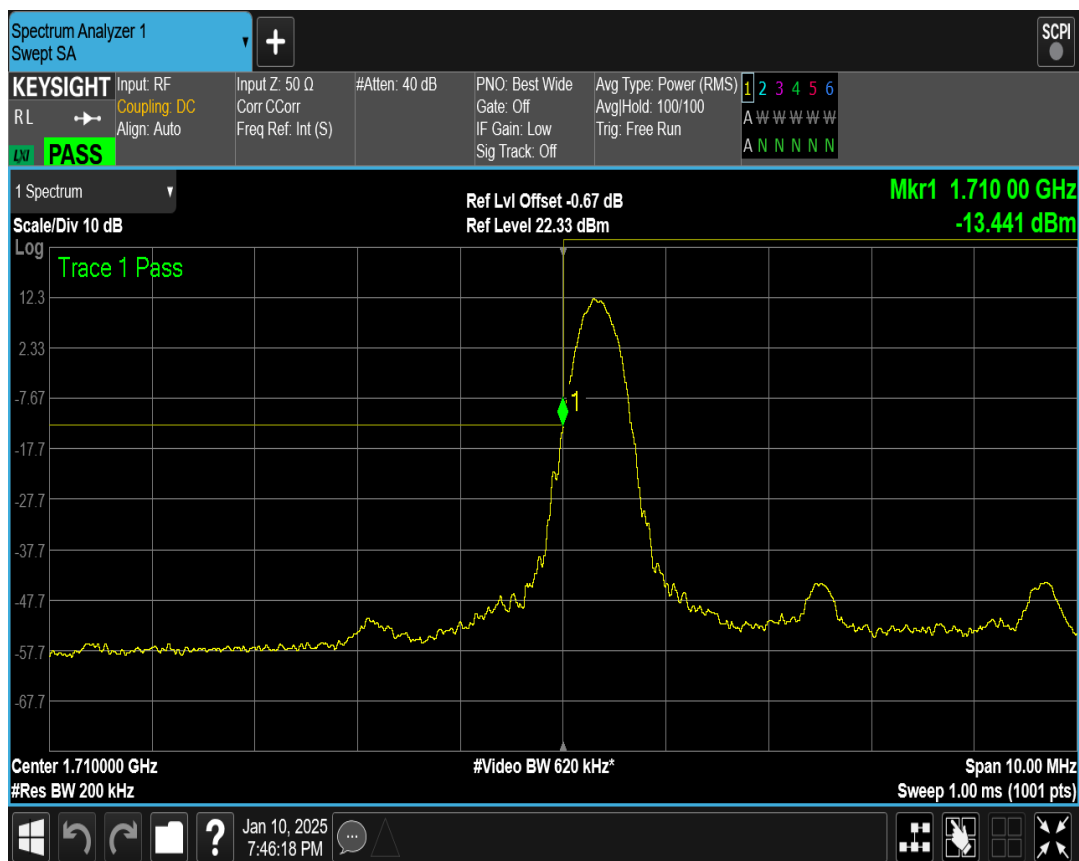
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@215



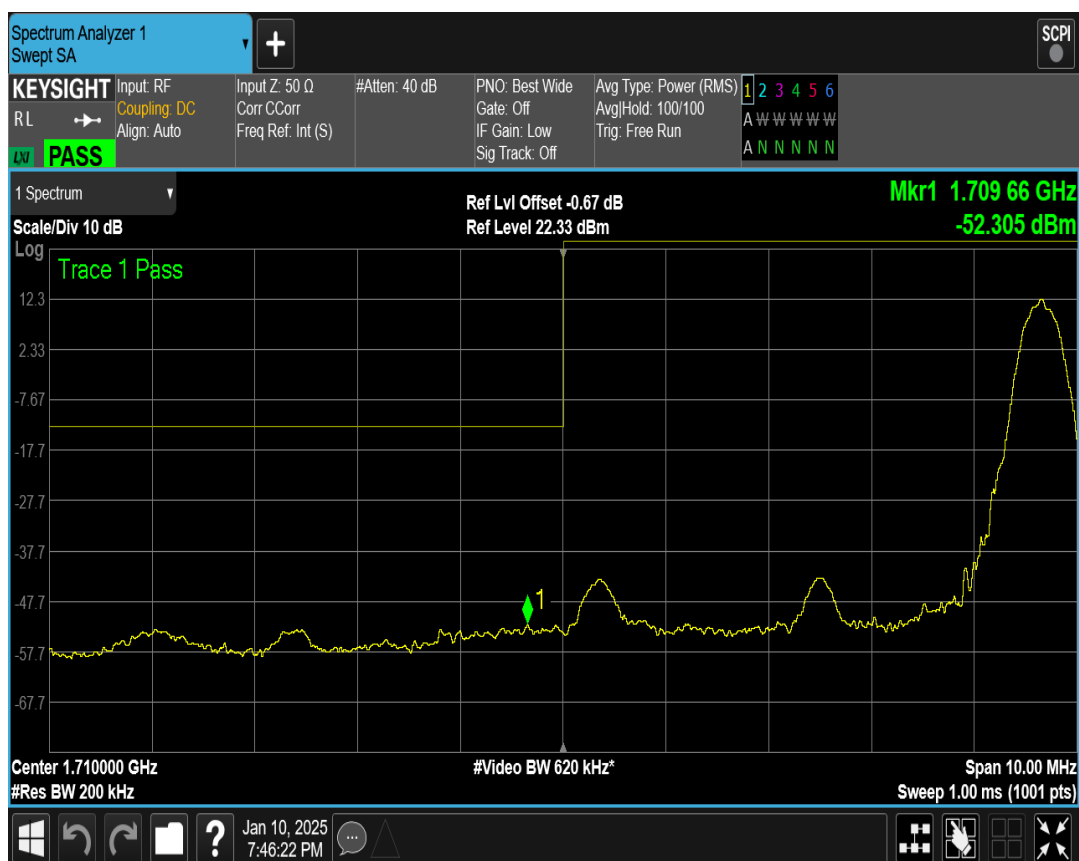
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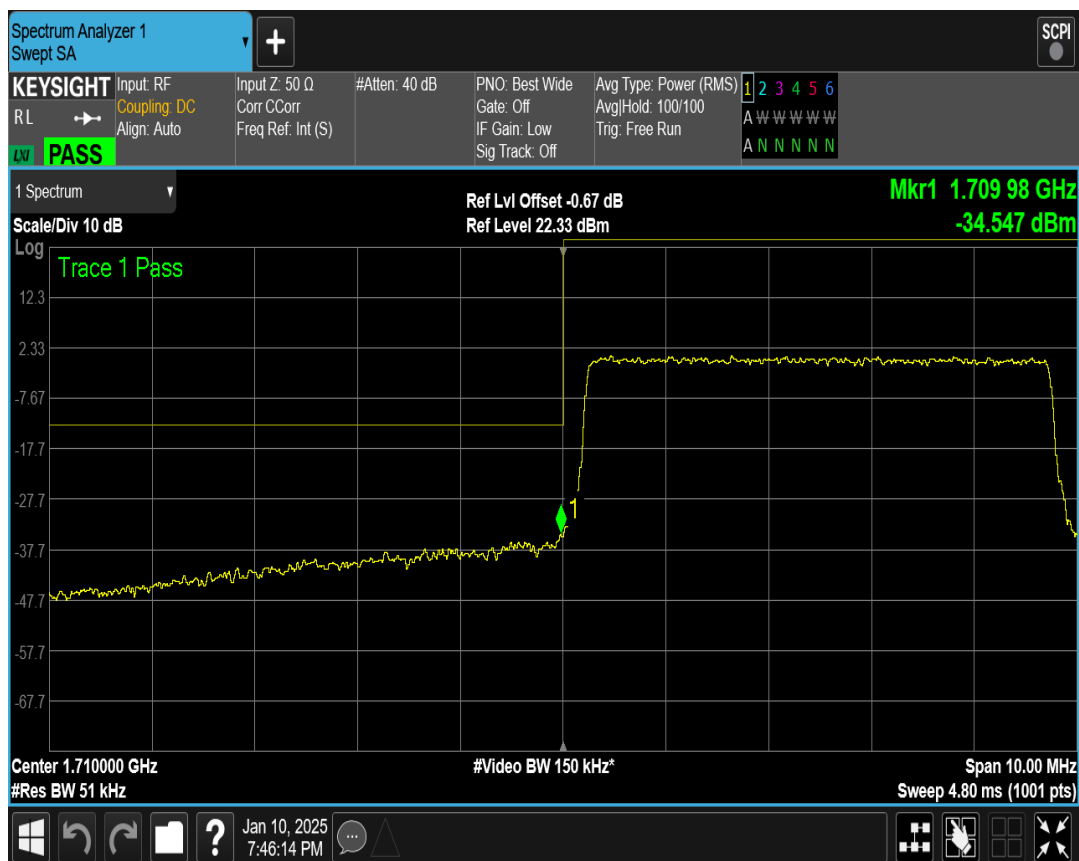
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@0



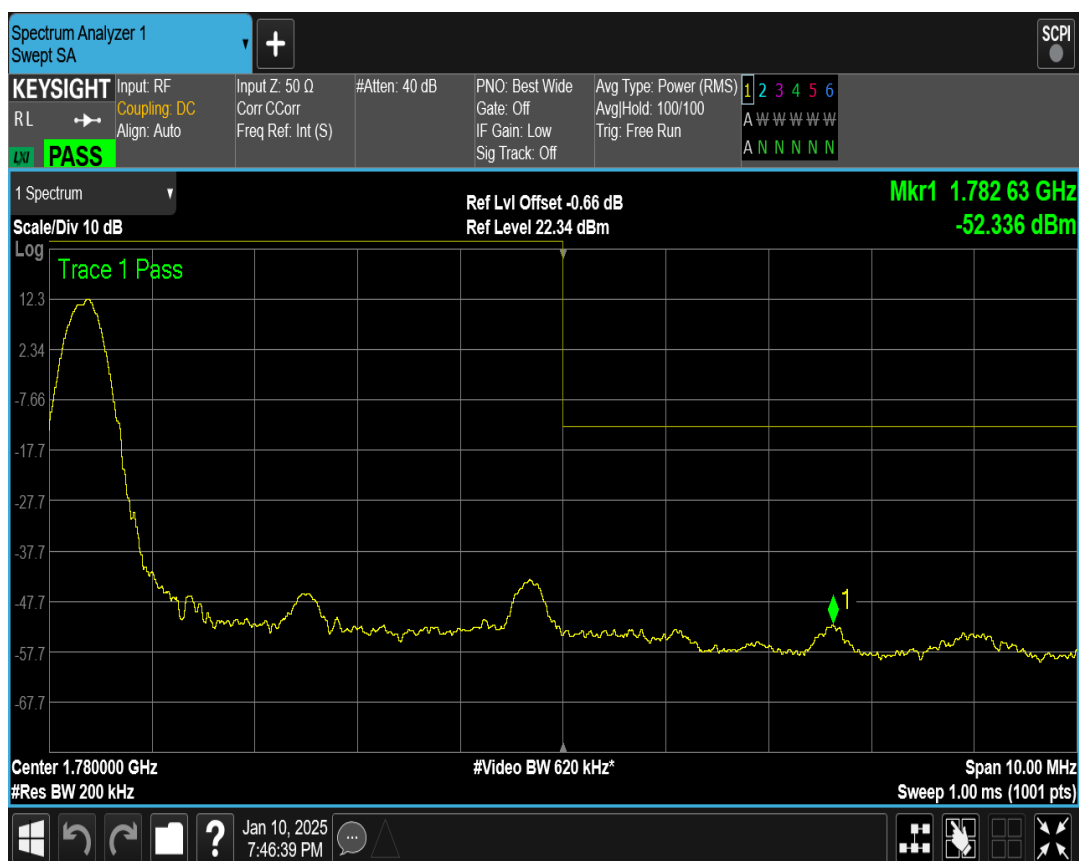
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@24



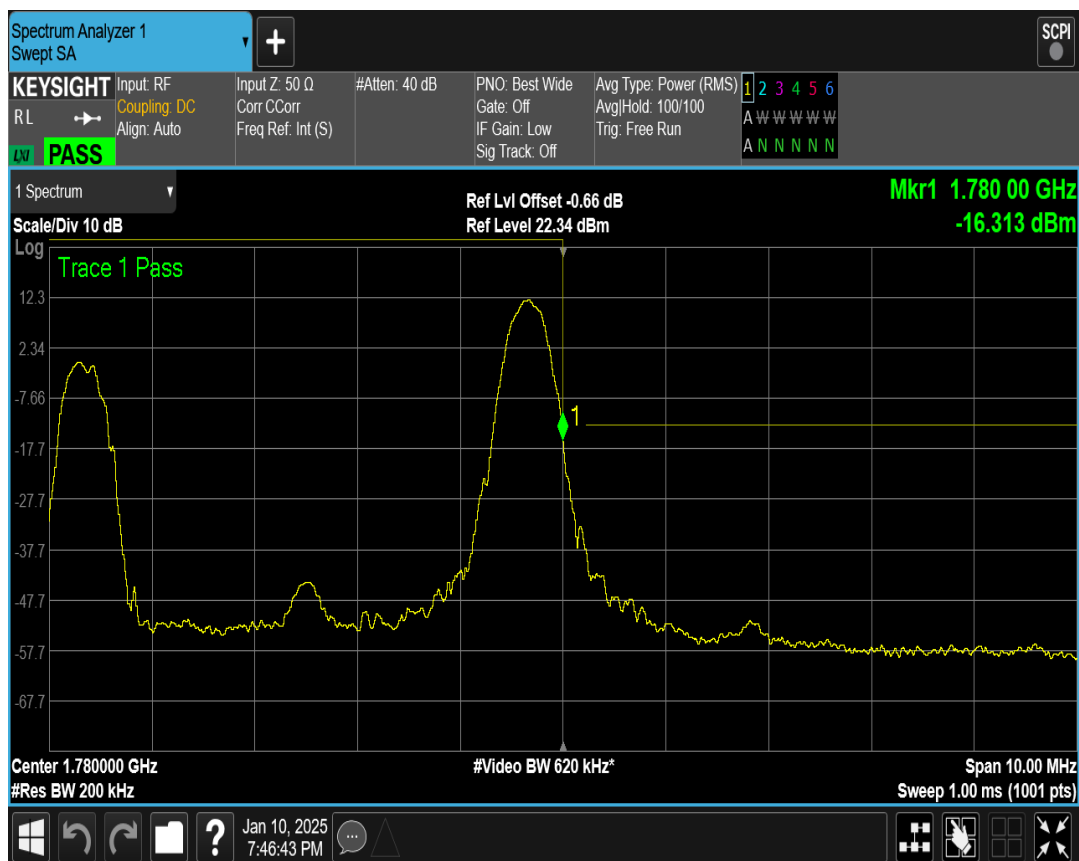
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=25@0



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



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



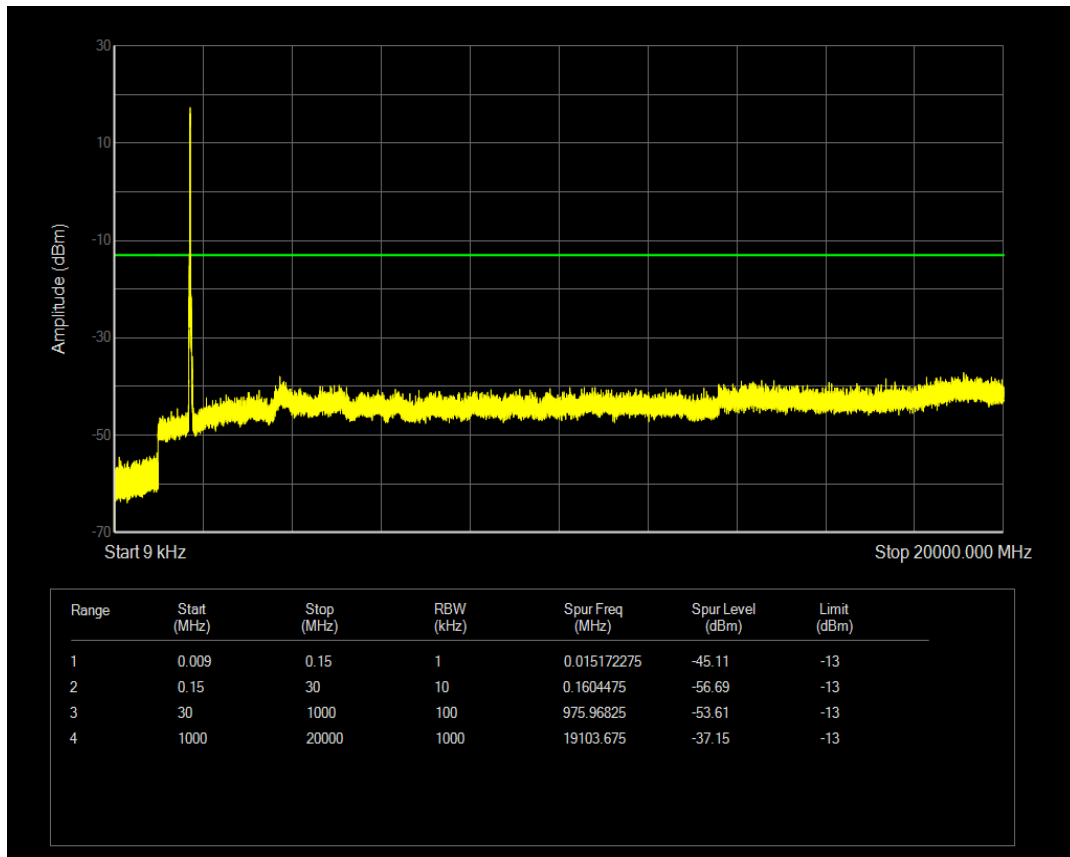
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=25@0



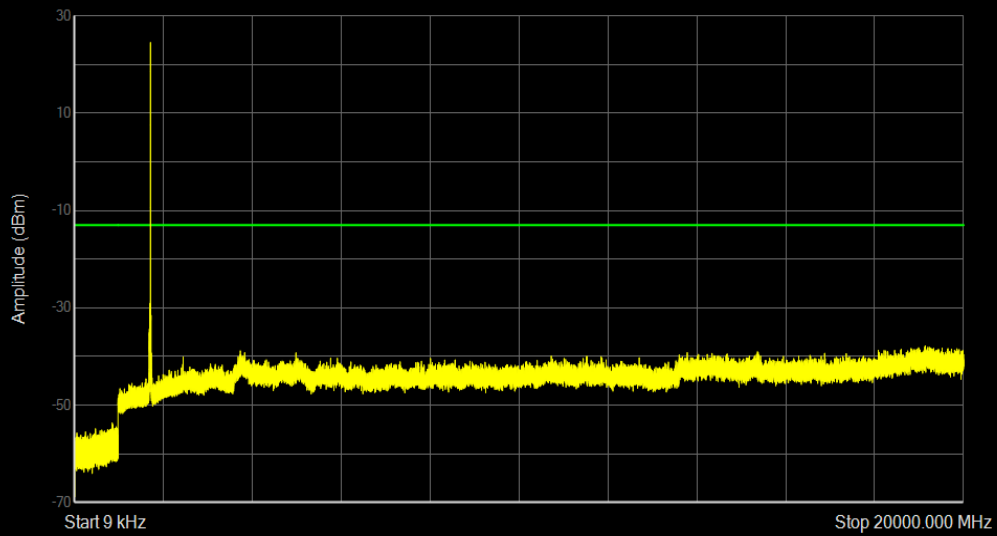
6 Out-of-band emissions for NR FR1

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	19198.68	-36.94	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	19213.88	-36.62	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	18633.90	-37.27	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	19427.15	-36.97	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	18808.23	-36.88	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	18975.43	-36.95	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	19103.68	-37.15	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	19291.78	-37.19	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	19138.83	-37.81	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	14515.65	-37.34	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	19434.75	-36.95	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	19072.80	-37.13	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	19038.13	-36.12	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	19150.23	-37.34	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	19152.60	-36.85	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	19346.88	-37.28	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	18746.95	-37.29	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	19148.80	-36.98	-13	PASS

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

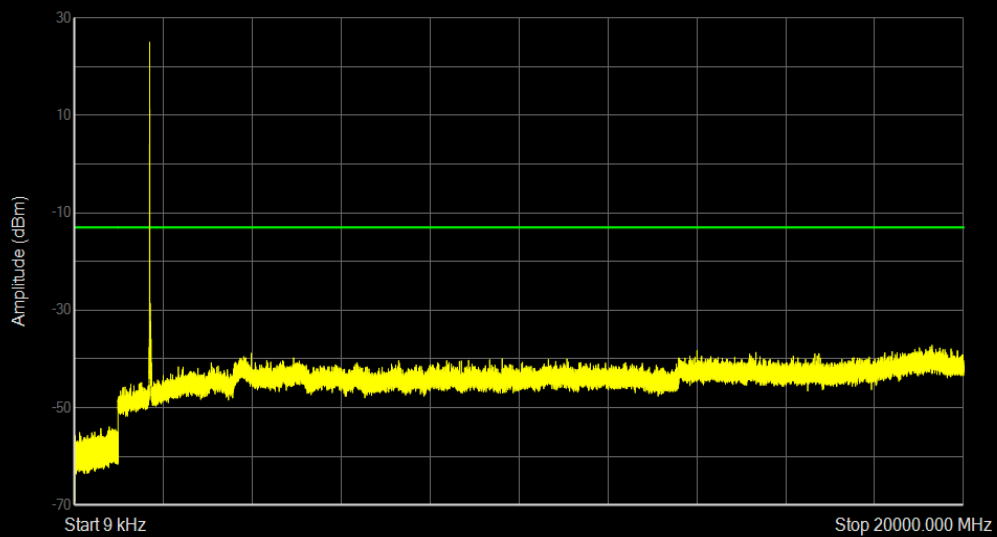


n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@105

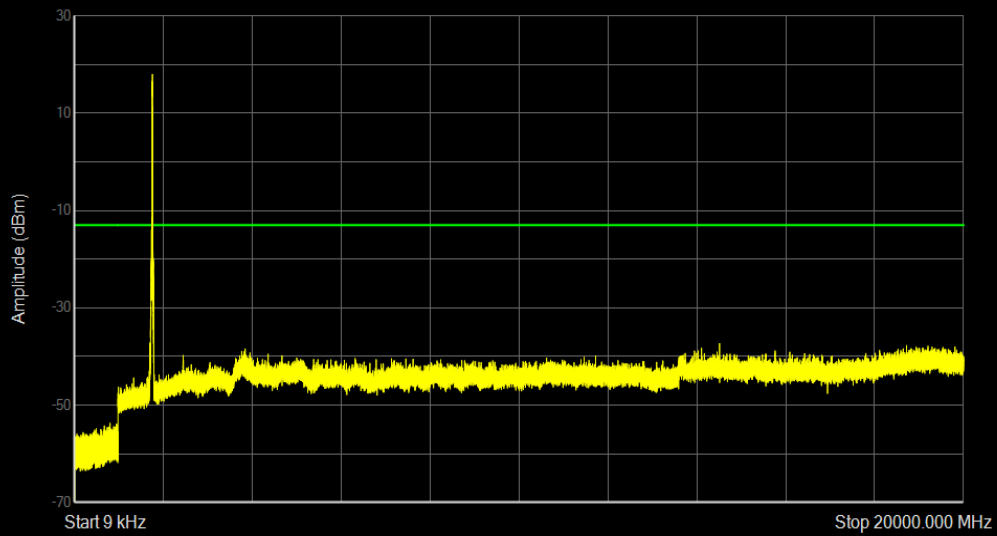


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01491495	-45.09	-13
2	0.15	30	10	0.16194	-54.56	-13
3	30	1000	100	869.8745	-53.7	-13
4	1000	20000	1000	19138.825	-37.81	-13

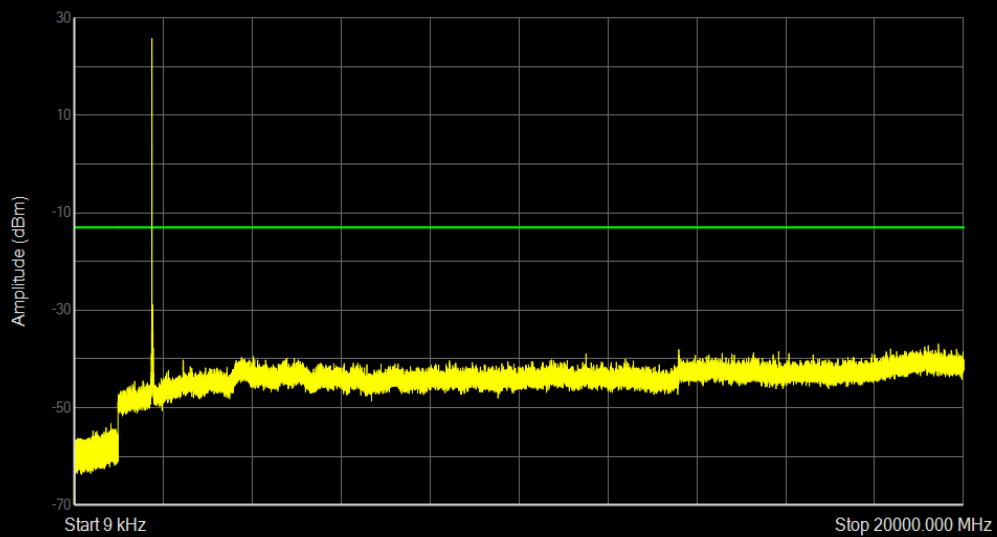
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01323	-46.19	-13
2	0.15	30	10	0.18059625	-55.87	-13
3	30	1000	100	801.6835	-53.94	-13
4	1000	20000	1000	19291.775	-37.19	-13

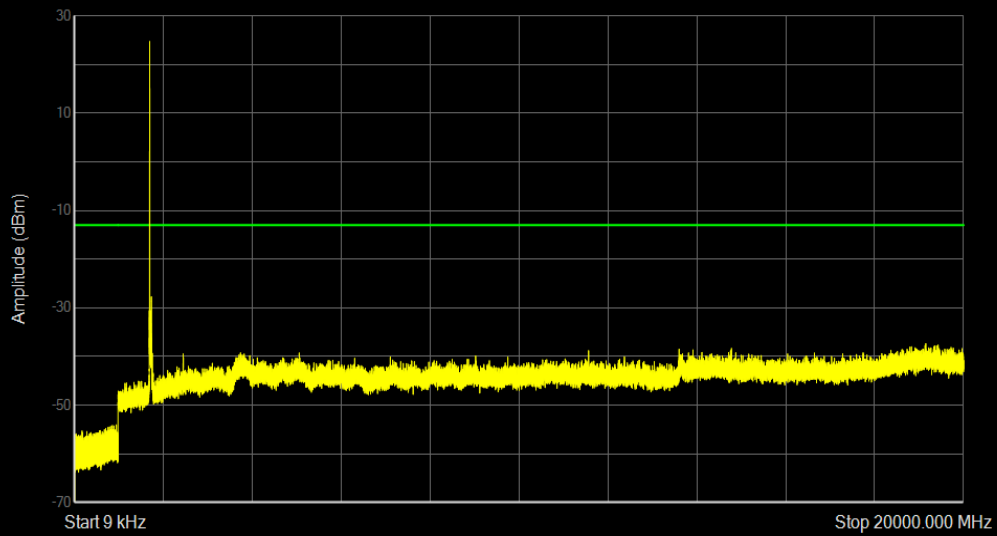
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=106@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.017223825	-45.61	-13
2	0.15	30	10	0.15	-54.93	-13
3	30	1000	100	820.81675	-53.73	-13
4	1000	20000	1000	14515.65	-37.34	-13

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

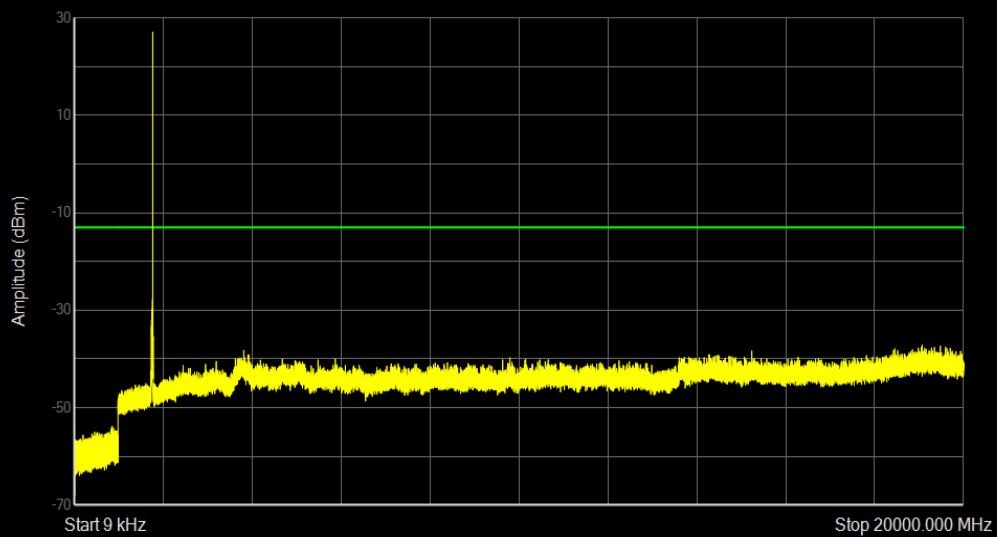
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009341925	-44.62	-13
2	0.15	30	10	0.15	-55.14	-13
3	30	1000	100	840.1925	-53.31	-13
4	1000	20000	1000	19434.75	-36.95	-13

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

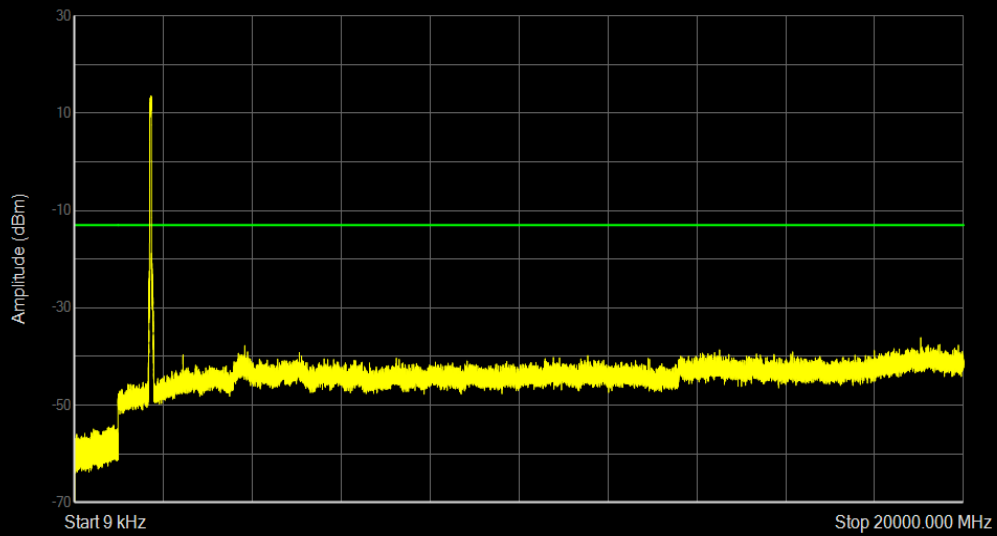


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01239105	-45.95	-13
2	0.15	30	10	0.15970125	-55.64	-13
3	30	1000	100	960.4725	-54.04	-13
4	1000	20000	1000	19150.225	-37.34	-13

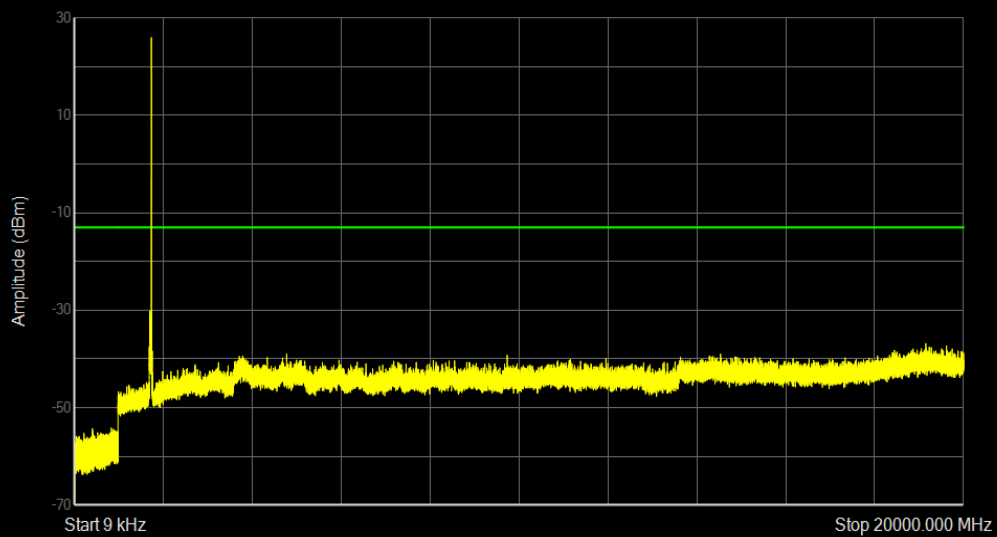
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@105



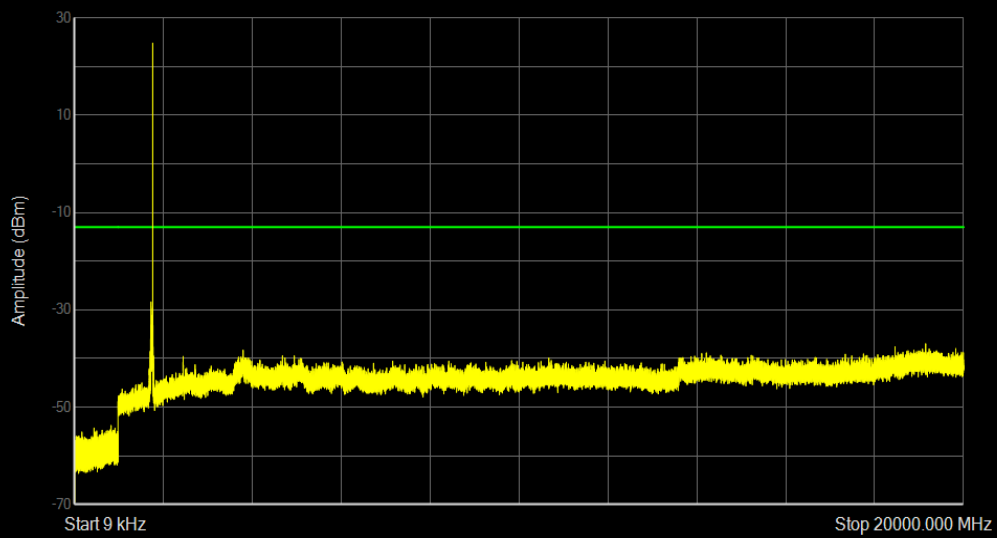
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0132018	-44.59	-13
2	0.15	30	10	0.152985	-56.07	-13
3	30	1000	100	871.15975	-53.85	-13
4	1000	20000	1000	19072.8	-37.13	-13

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

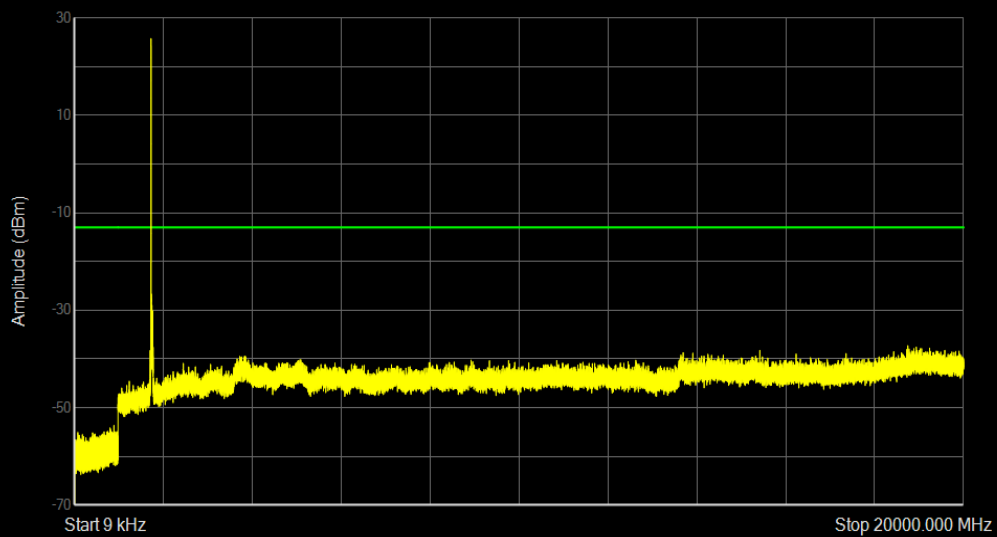
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01154505	-44.43	-13
2	0.15	30	10	0.152985	-55.3	-13
3	30	1000	100	906.56475	-54.18	-13
4	1000	20000	1000	19038.125	-36.12	-13

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

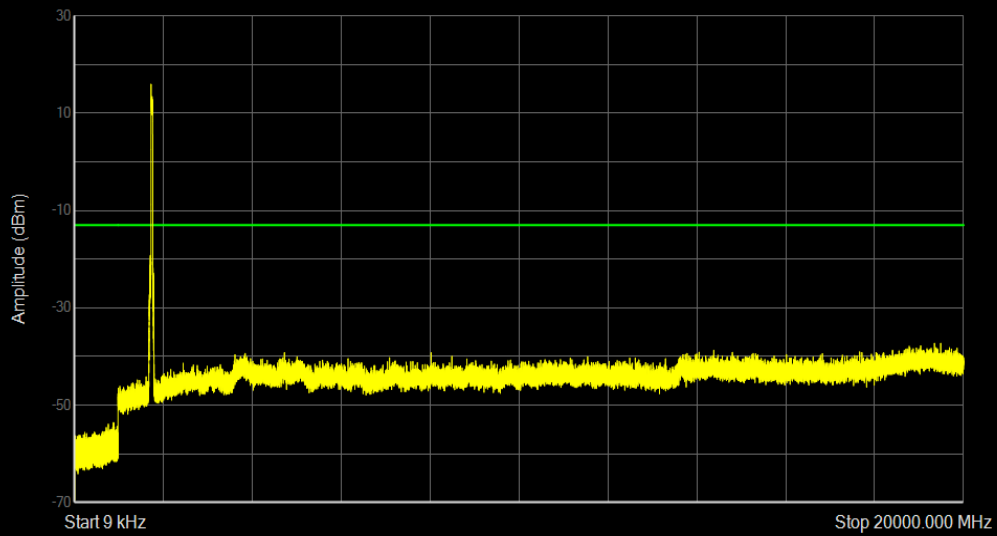
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012324075	-43.29	-13
2	0.15	30	10	0.15820875	-55.4	-13
3	30	1000	100	849.8925	-54.2	-13
4	1000	20000	1000	19152.6	-36.85	-13

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

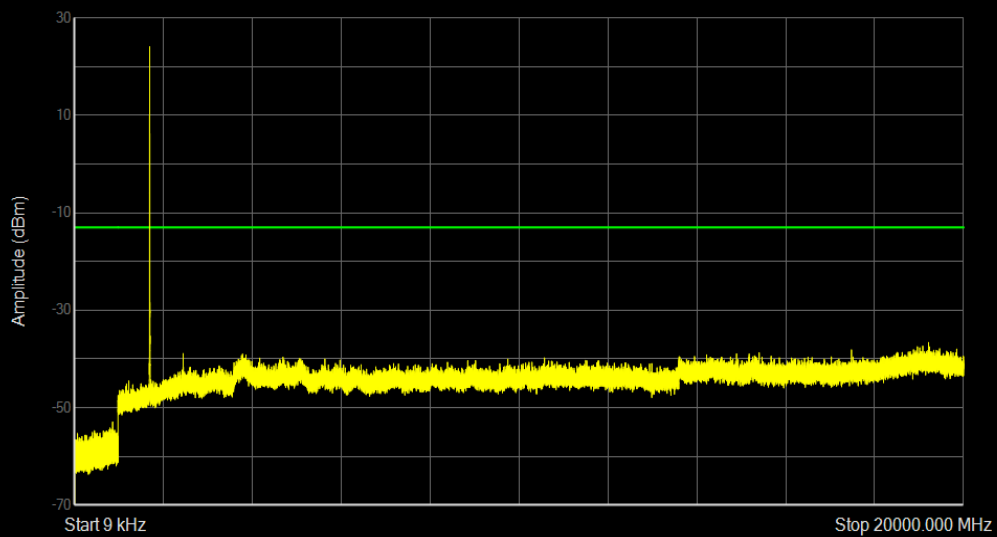
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013163025	-45.42	-13
2	0.15	30	10	0.15	-55.81	-13
3	30	1000	100	842.7145	-53.76	-13
4	1000	20000	1000	19148.8	-36.98	-13

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

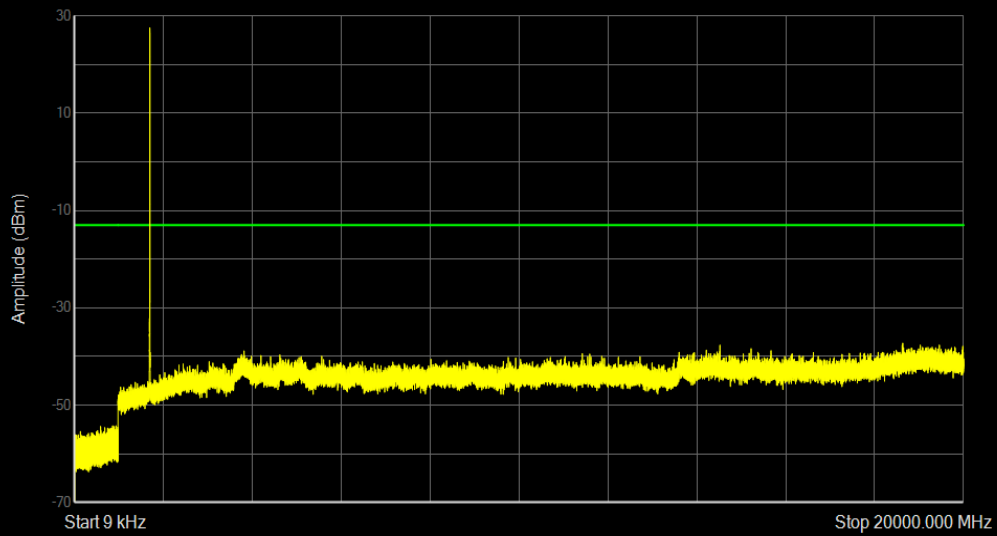
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123981	-44.5	-13
2	0.15	30	10	0.15671625	-55.89	-13
3	30	1000	100	907.09825	-53.66	-13
4	1000	20000	1000	18746.95	-37.29	-13

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

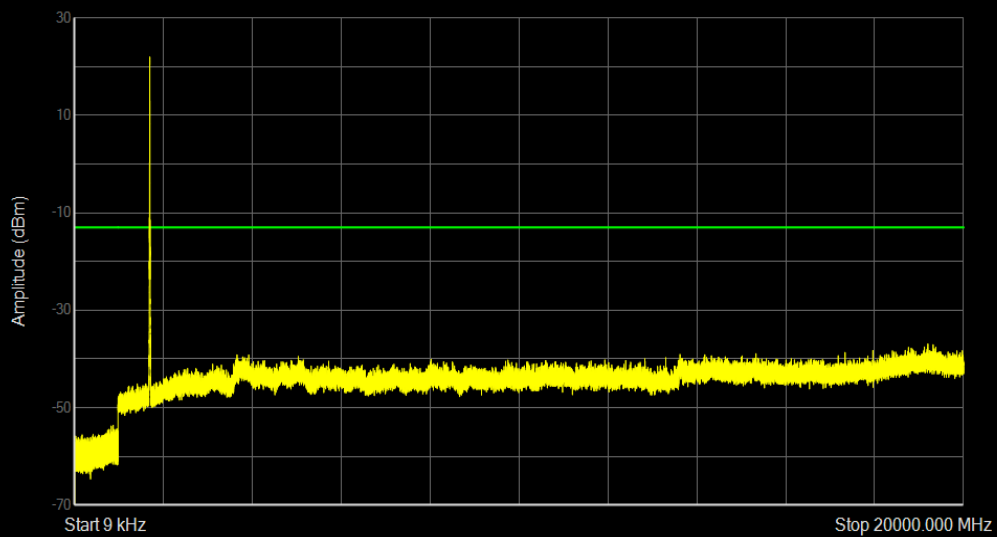
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012627225	-44.51	-13
2	0.15	30	10	0.15671625	-55.91	-13
3	30	1000	100	898.02875	-53.58	-13
4	1000	20000	1000	19346.875	-37.28	-13

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

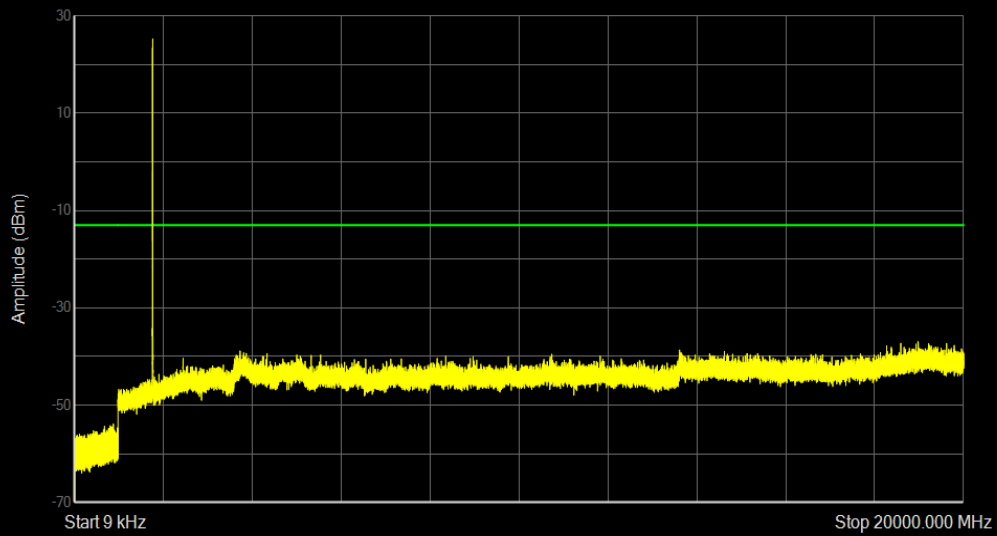
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.016850175	-44.55	-13
2	0.15	30	10	0.164925	-56.15	-13
3	30	1000	100	879.5745	-52.97	-13
4	1000	20000	1000	19213.875	-36.62	-13

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

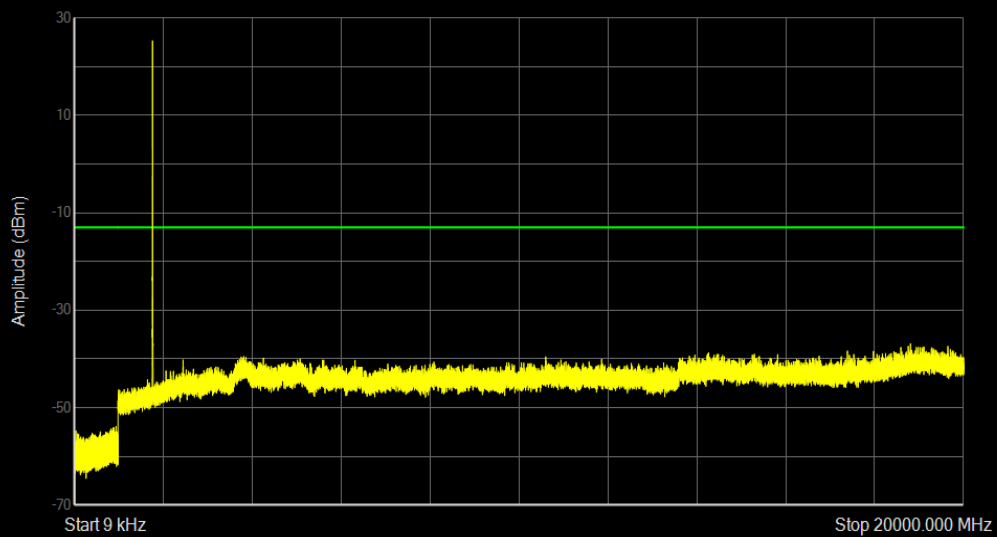
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013656525	-45.87	-13
2	0.15	30	10	0.1664175	-56	-13
3	30	1000	100	877.90125	-54.25	-13
4	1000	20000	1000	18633.9	-37.27	-13

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	0.011823525	-45.03	-13
2	0.15	30	10	0.1514925	-54.6	-13
3	30	1000	100	891.4085	-53.63	-13
4	1000	20000	1000	19198.675	-36.94	-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	0.009306675	-45.29	-13
2	0.15	30	10	0.15820875	-54.27	-13
3	30	1000	100	894.9005	-53.88	-13
4	1000	20000	1000	18975.425	-36.95	-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	0.012824625	-45.4	-13
2	0.15	30	10	0.1664175	-54.95	-13
3	30	1000	100	956.51975	-53.88	-13
4	1000	20000	1000	18808.225	-36.88	-13

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

