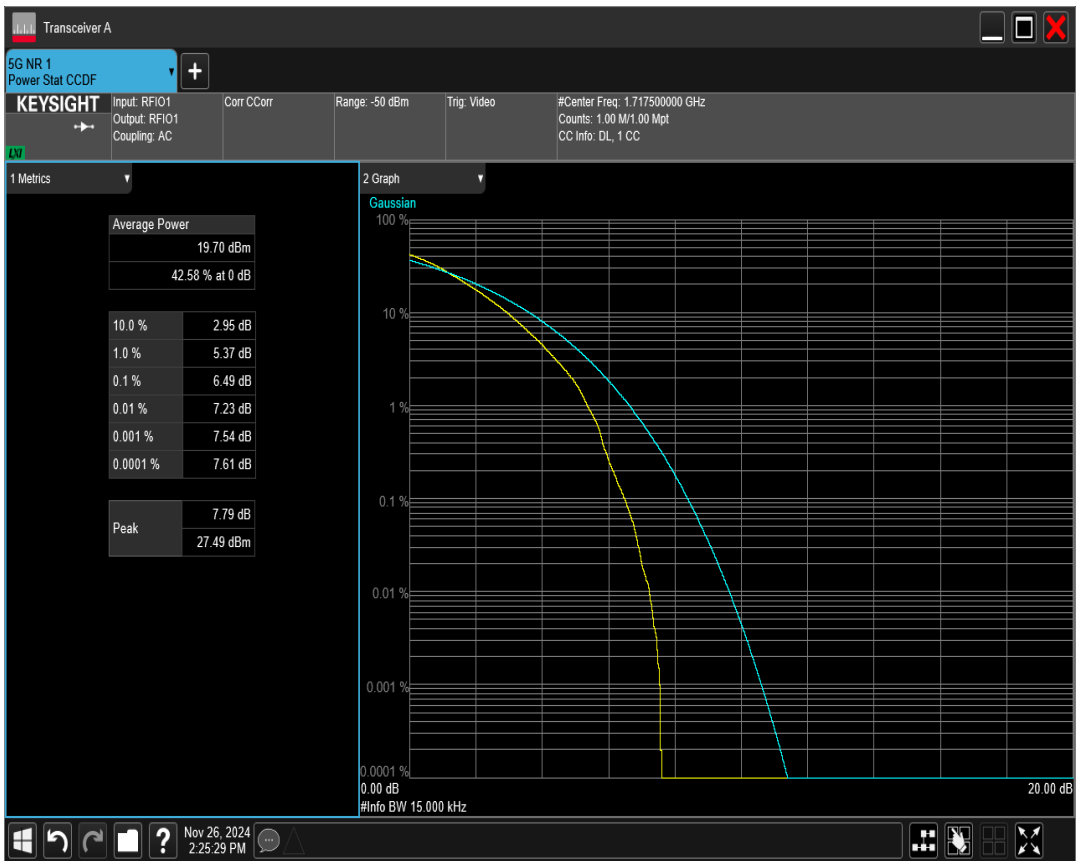
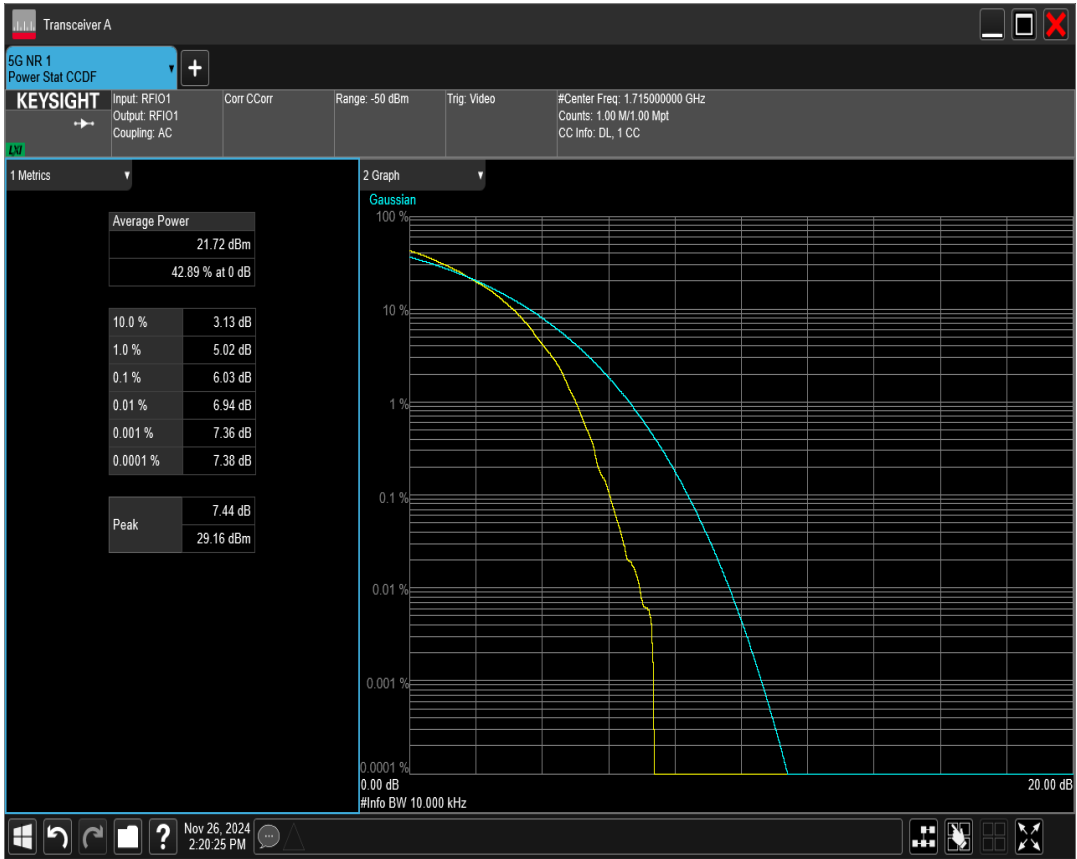
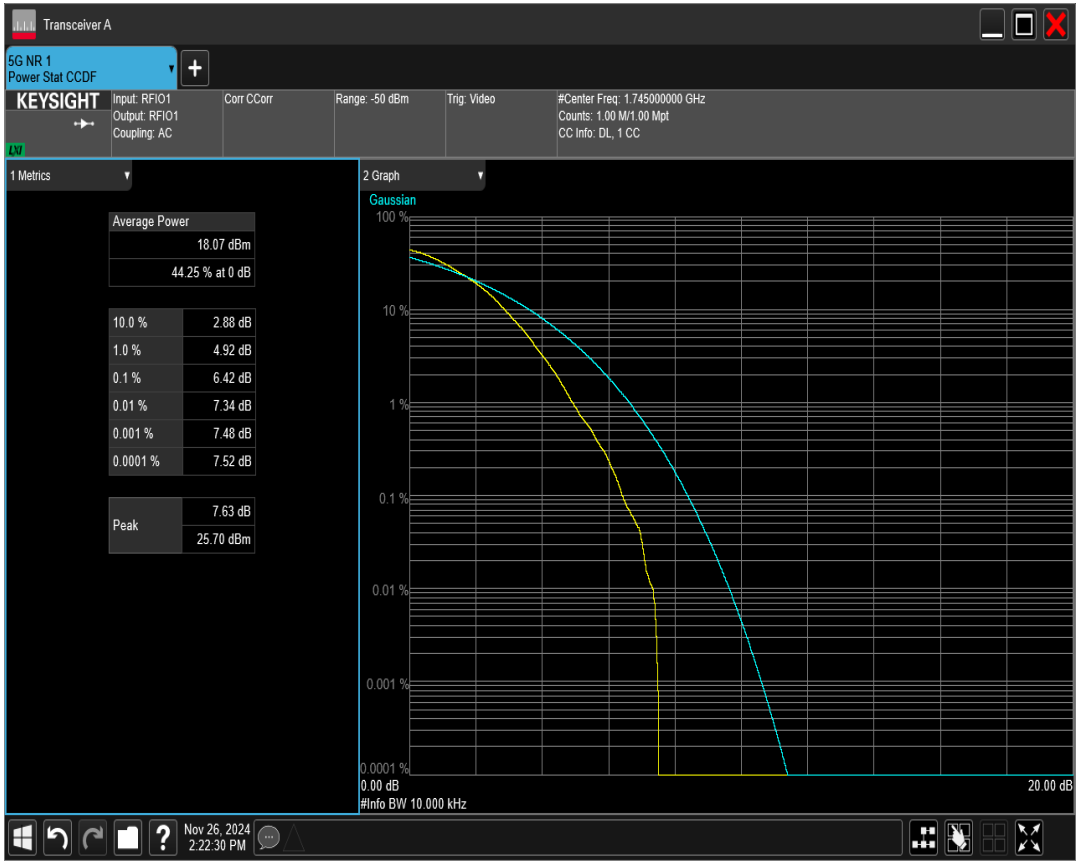




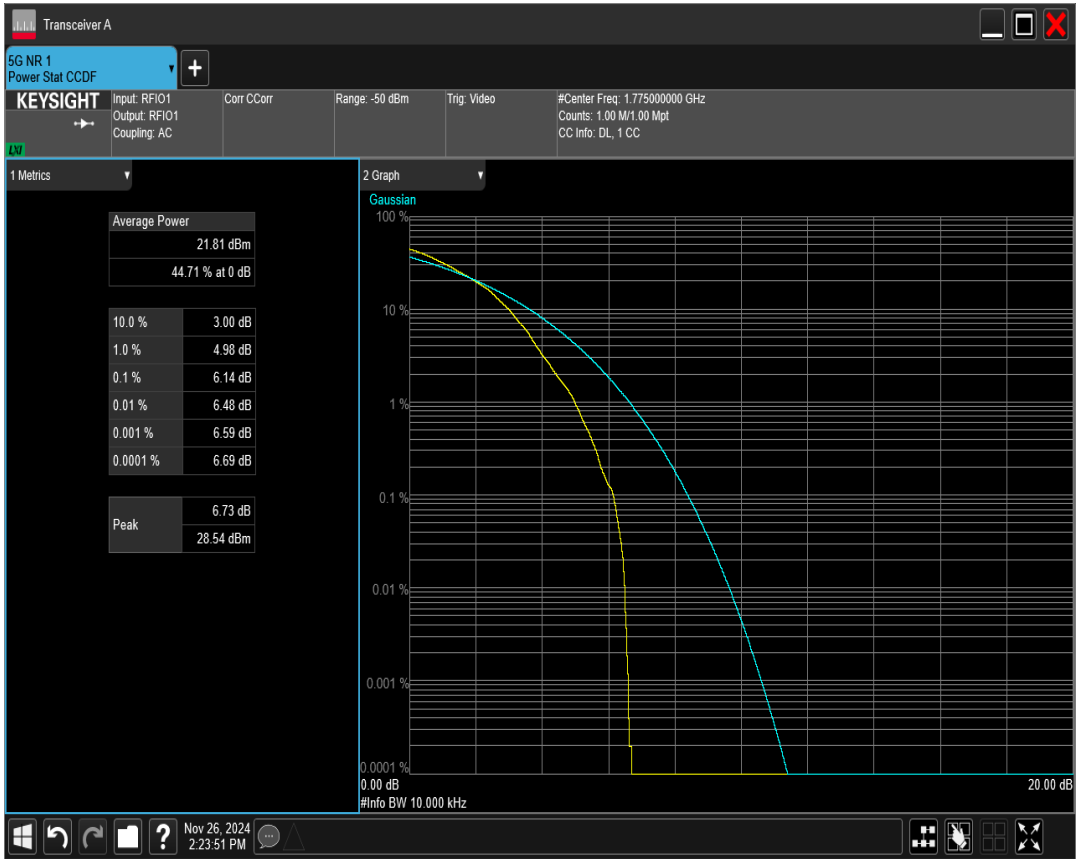
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=343000 RB=24@0



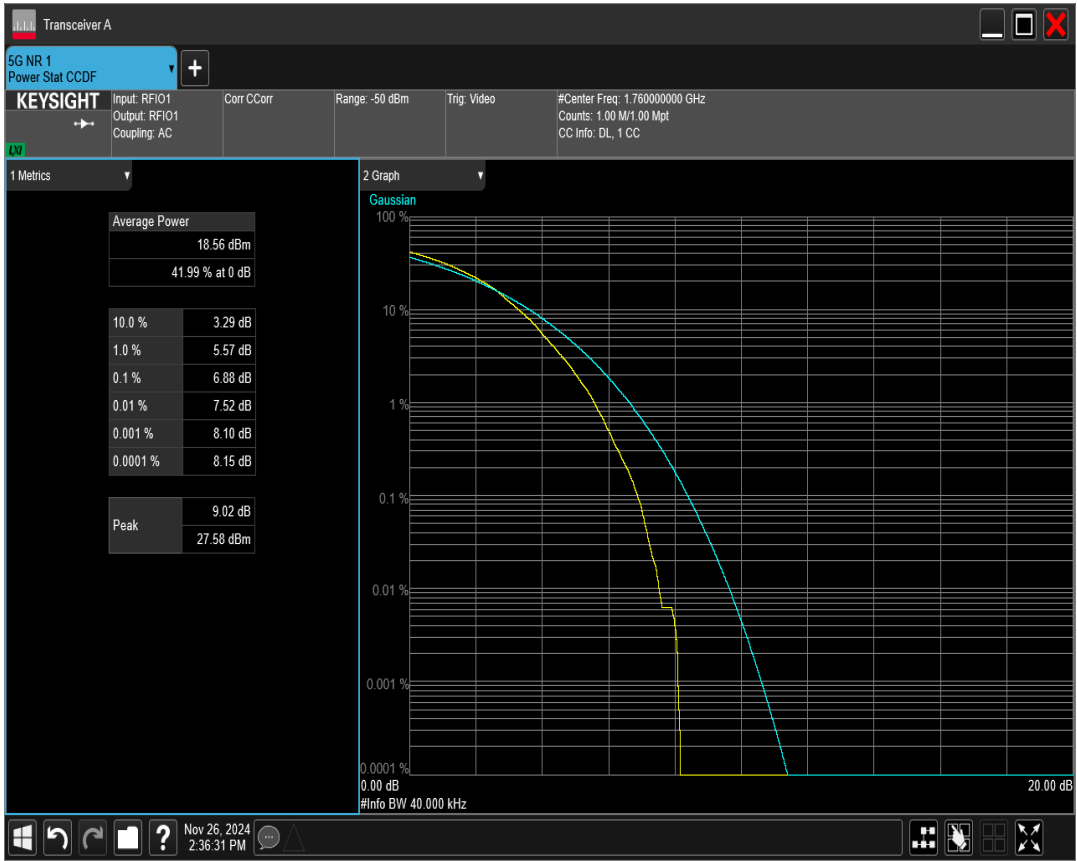
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=349000 RB=24@0



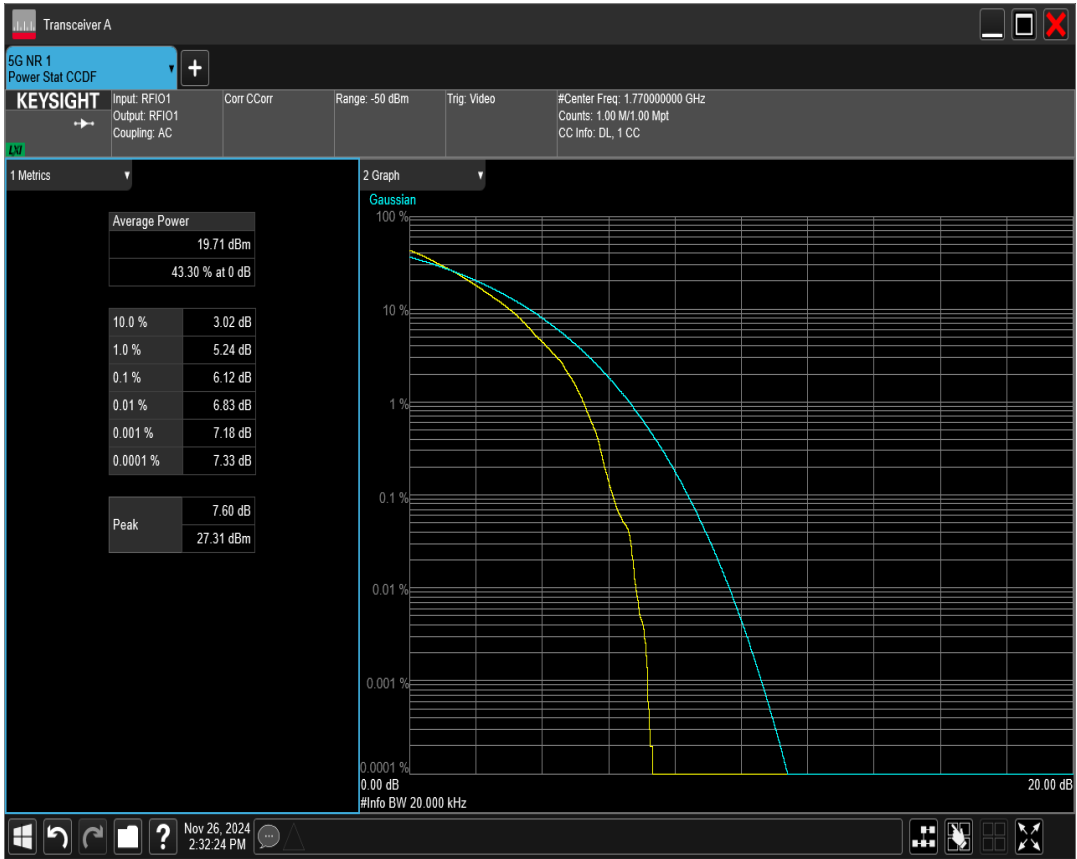
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=355000 RB=24@0



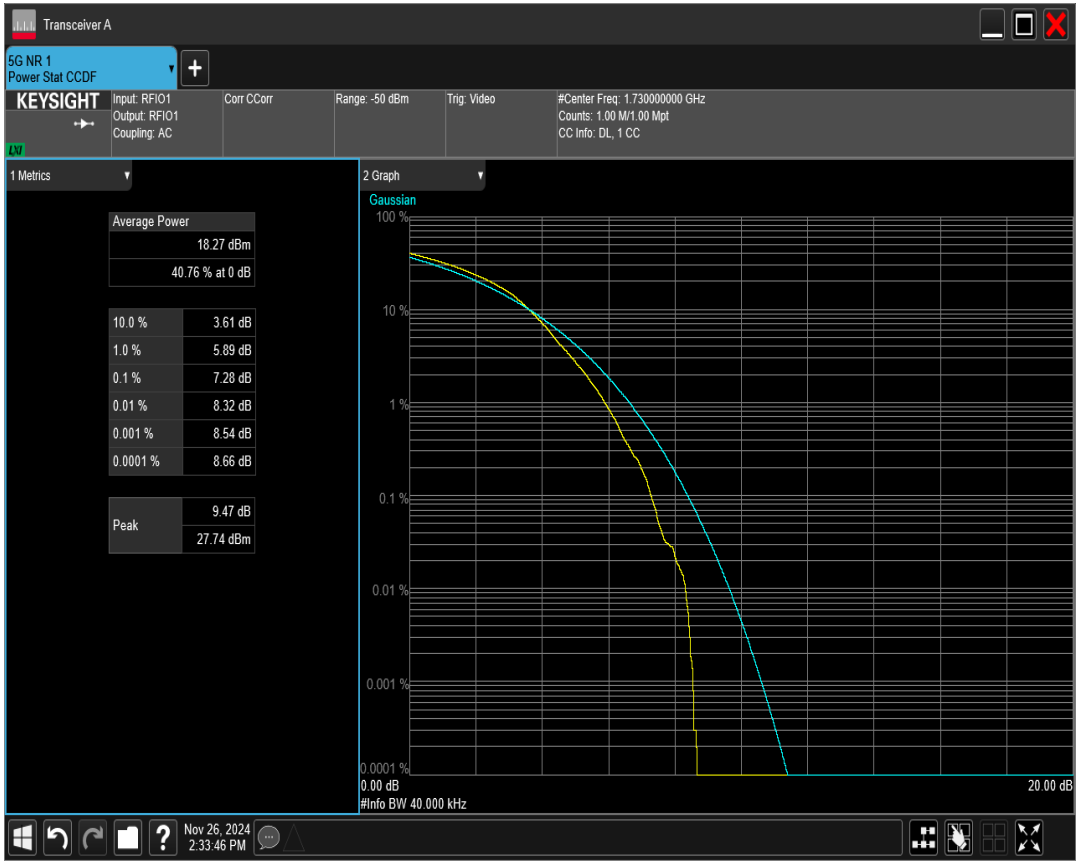
n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=352000 RB=100@0



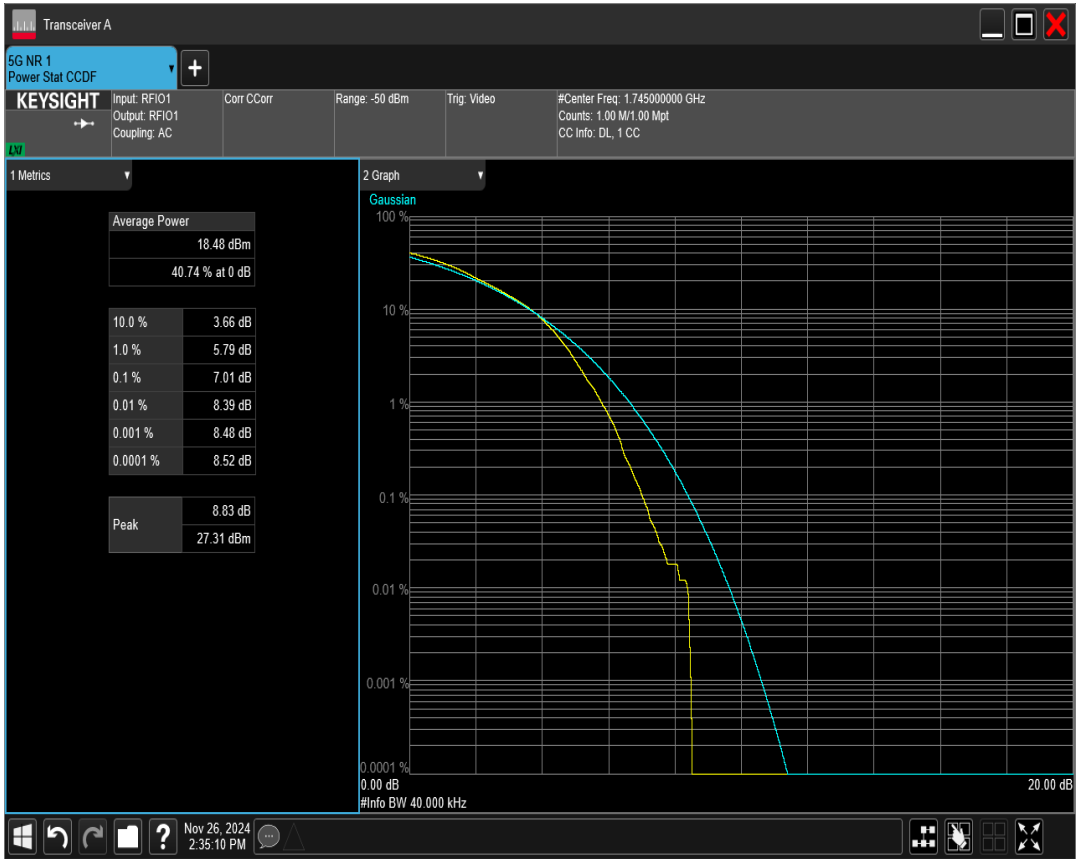
n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=354000 RB=50@0



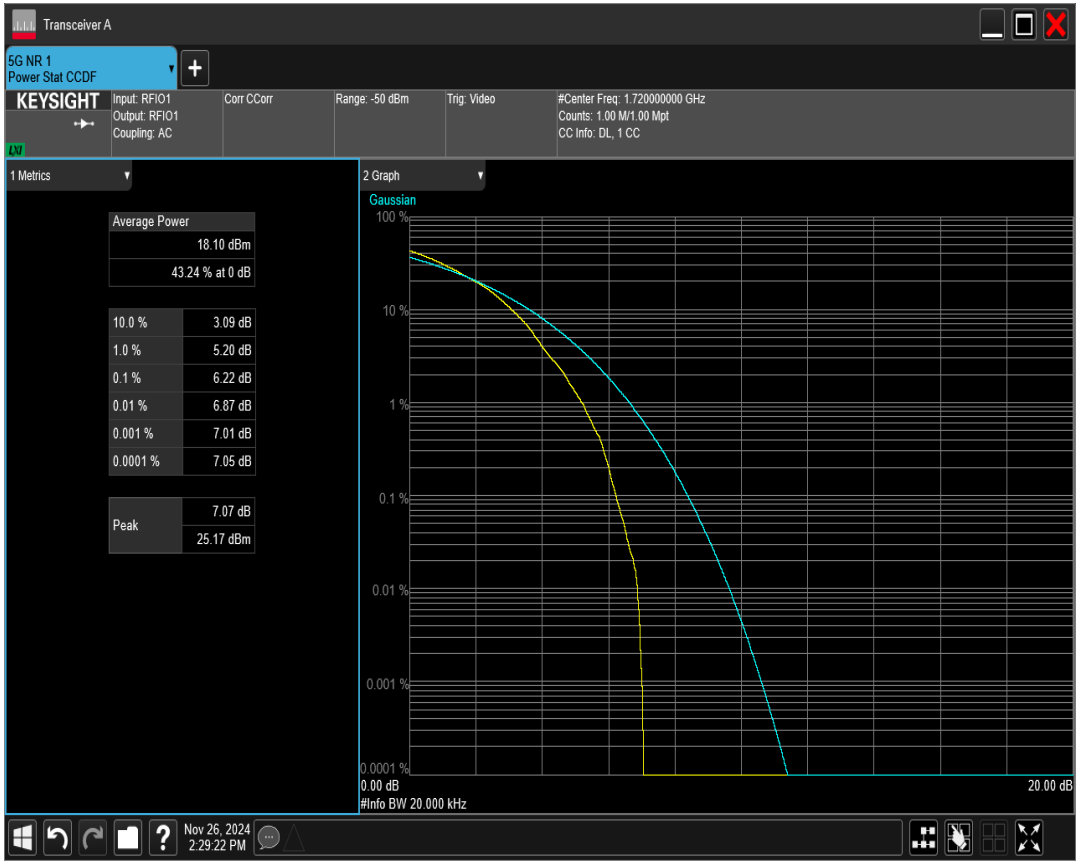
n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=346000 RB=100@0



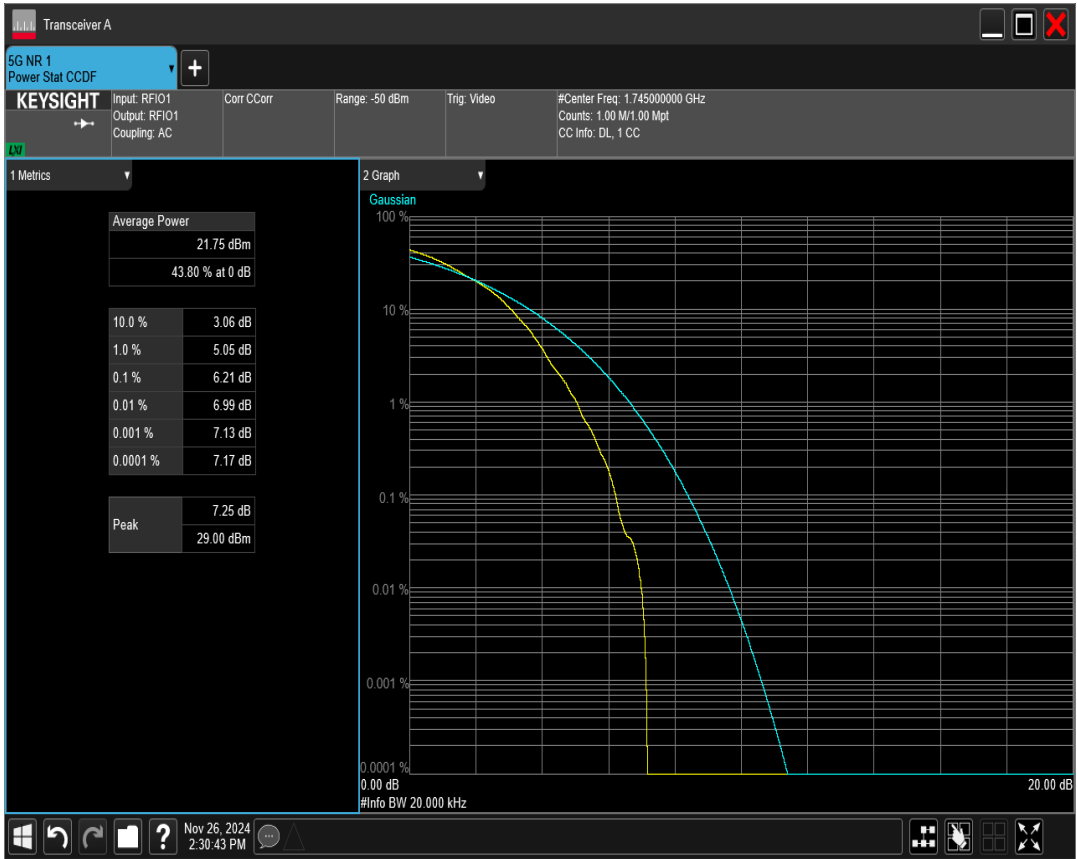
n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=349000 RB=100@0



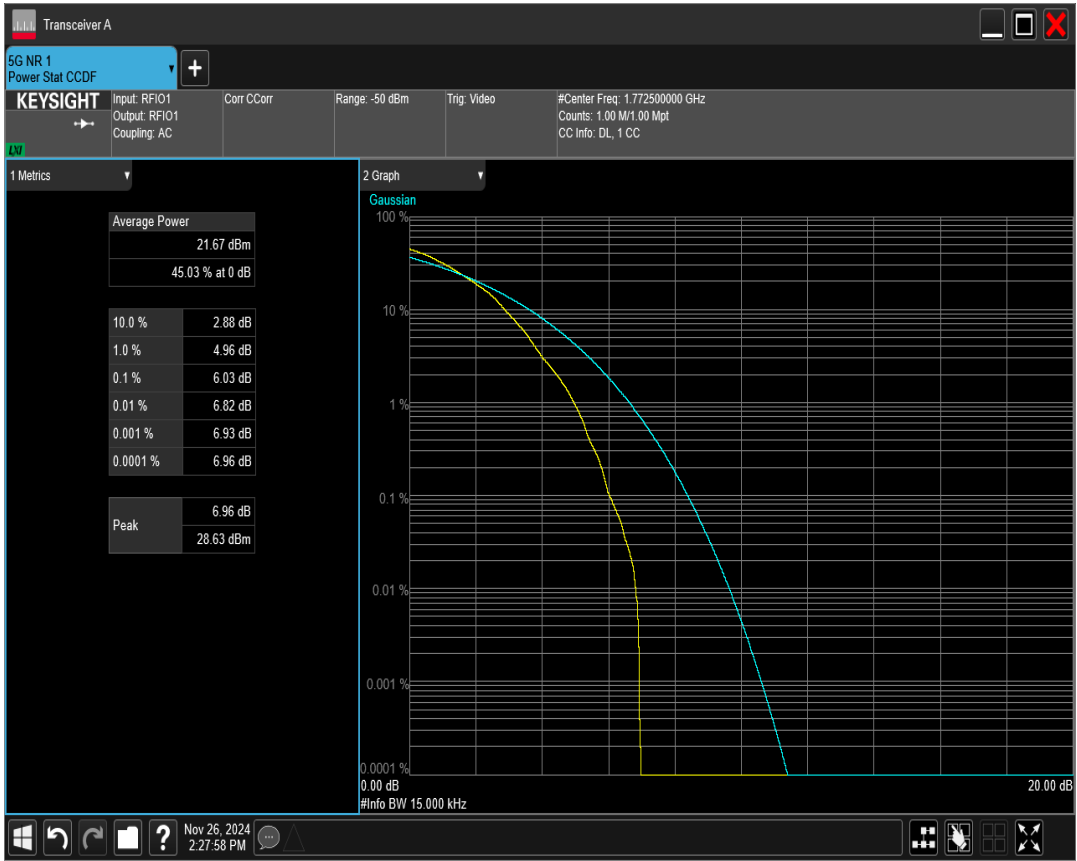
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=344000 RB=50@0



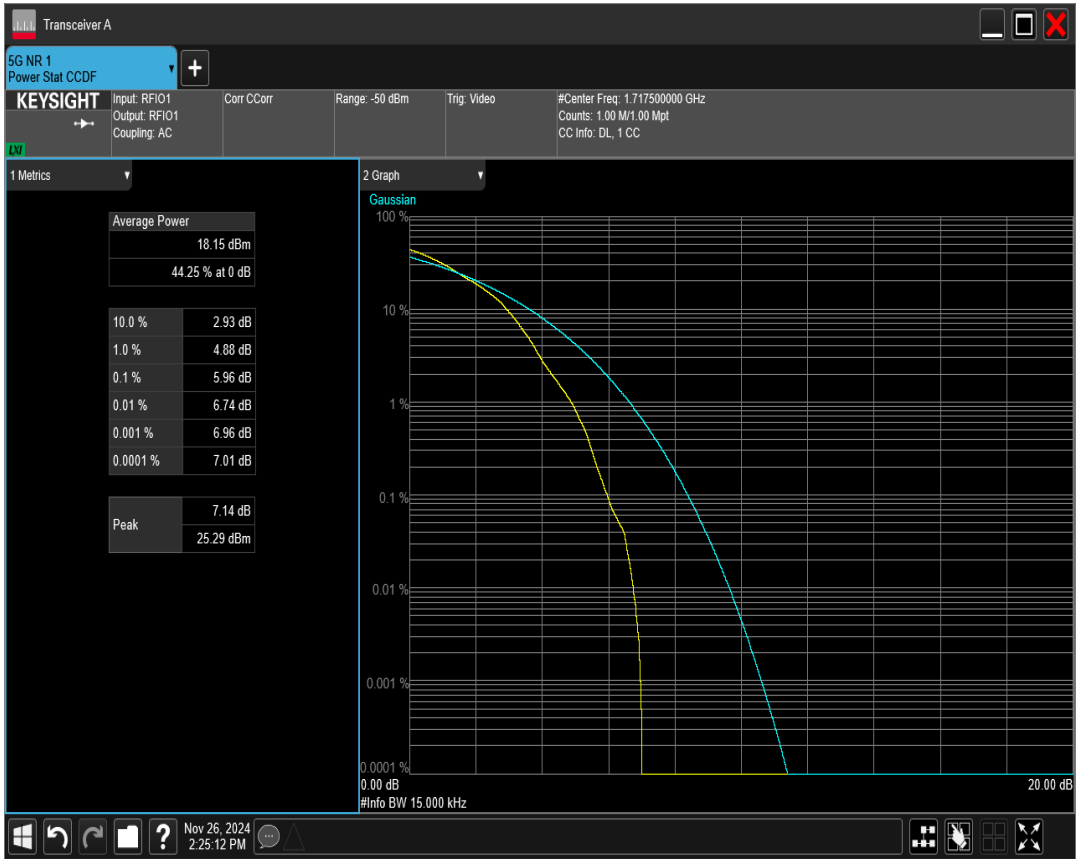
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=349000 RB=50@0



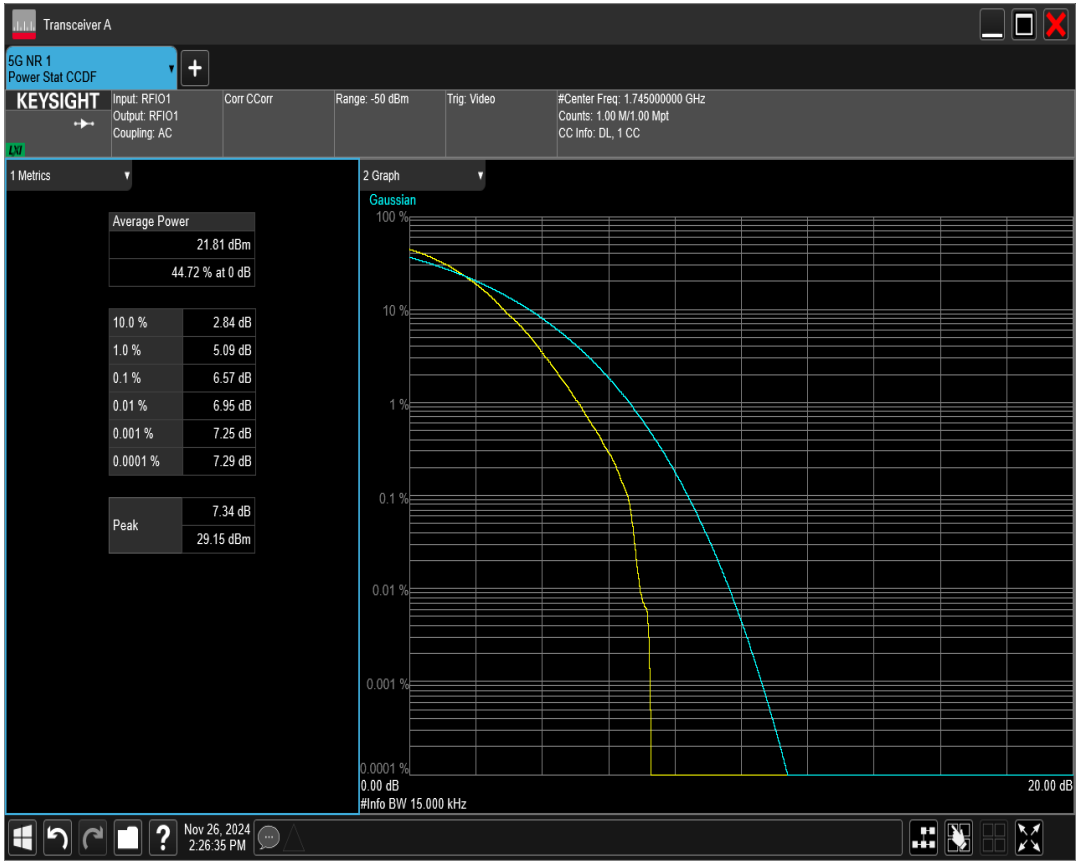
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=354500 RB=36@0



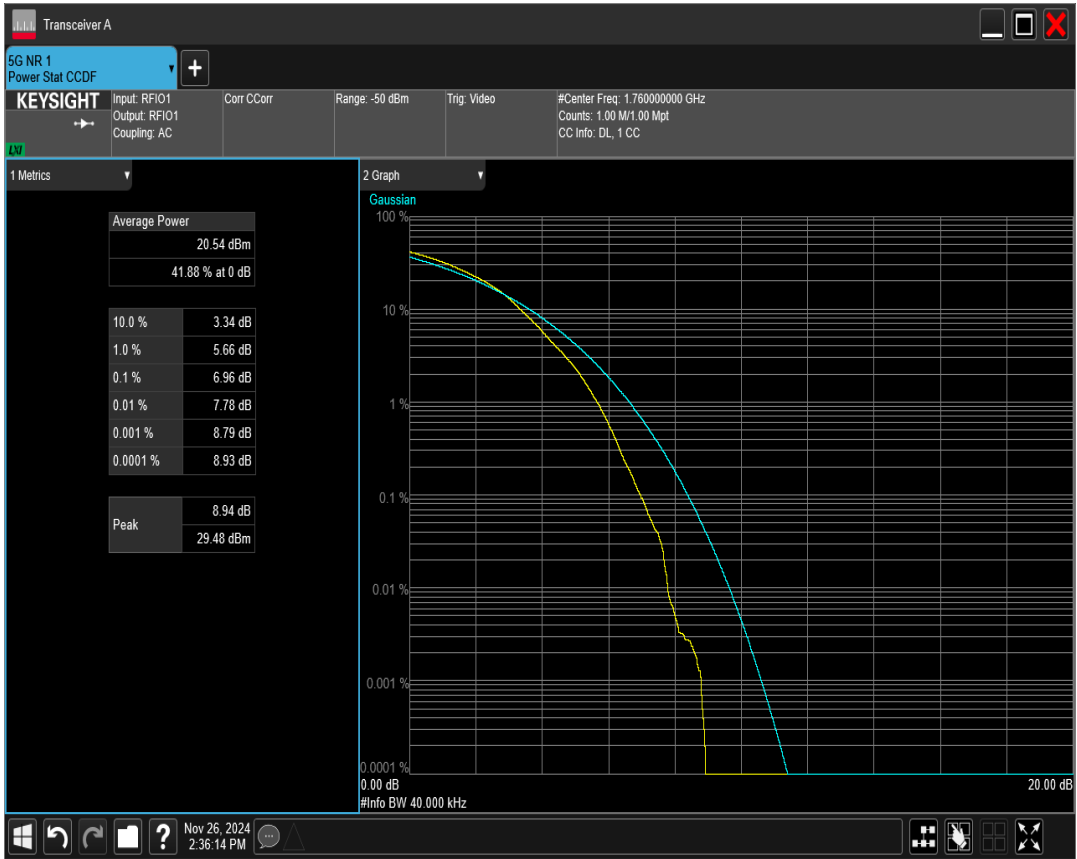
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=343500 RB=36@0



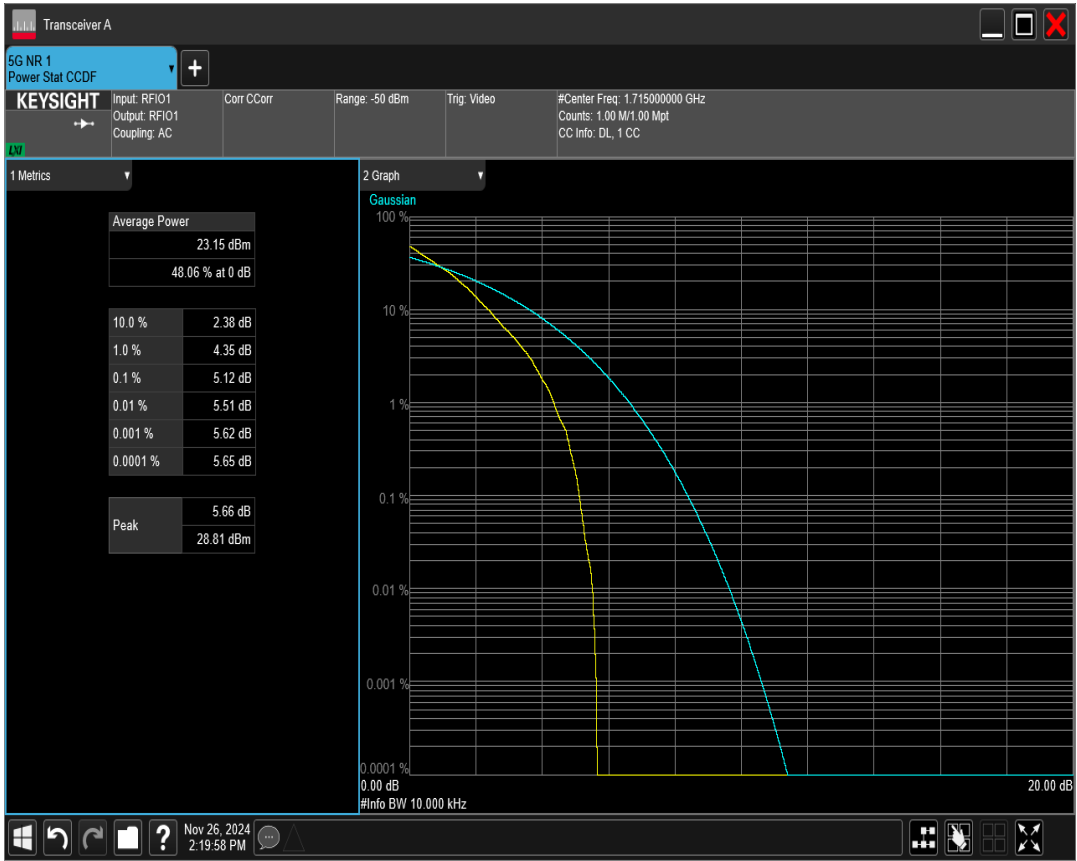
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=349000 RB=36@0



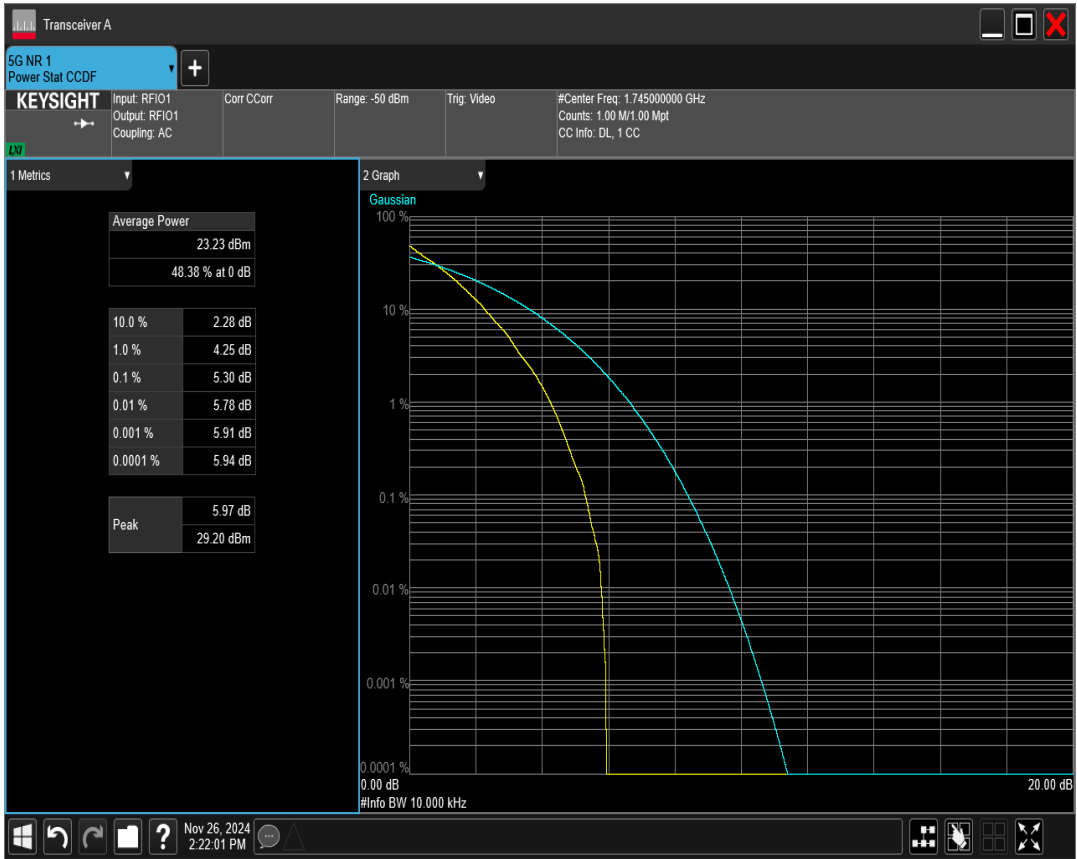
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=352000 RB=100@0



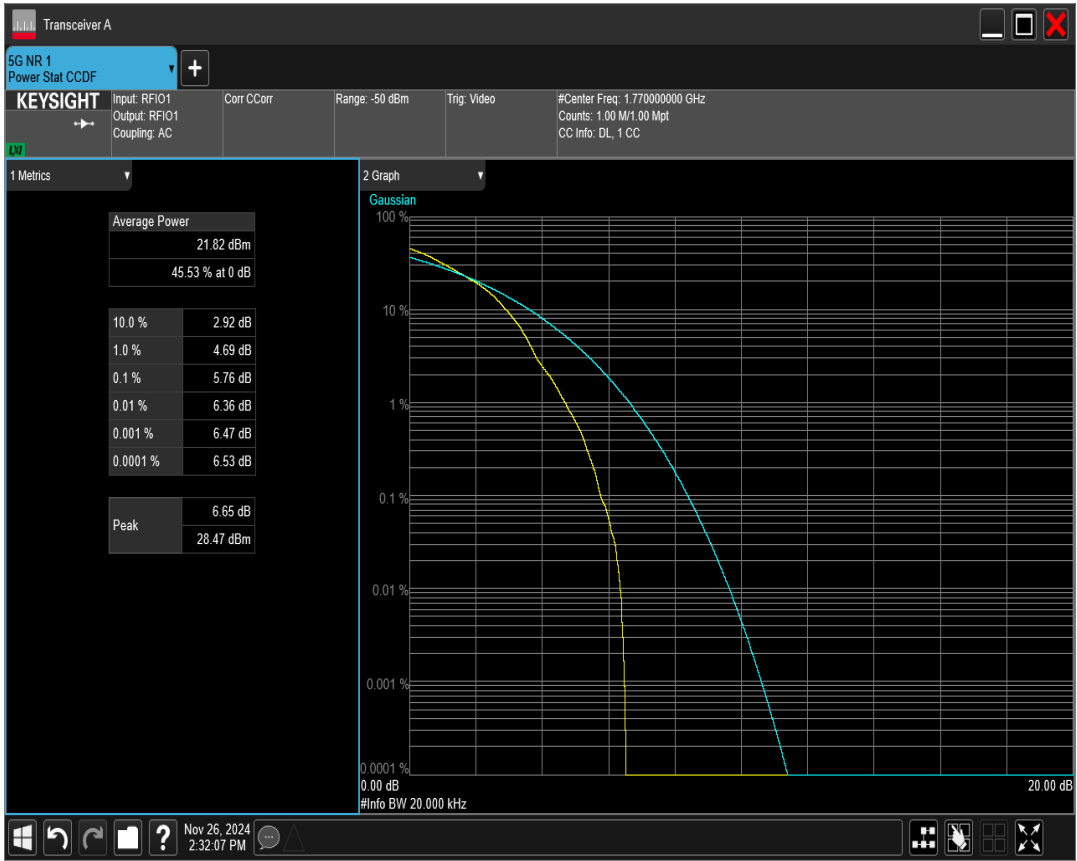
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=24@0



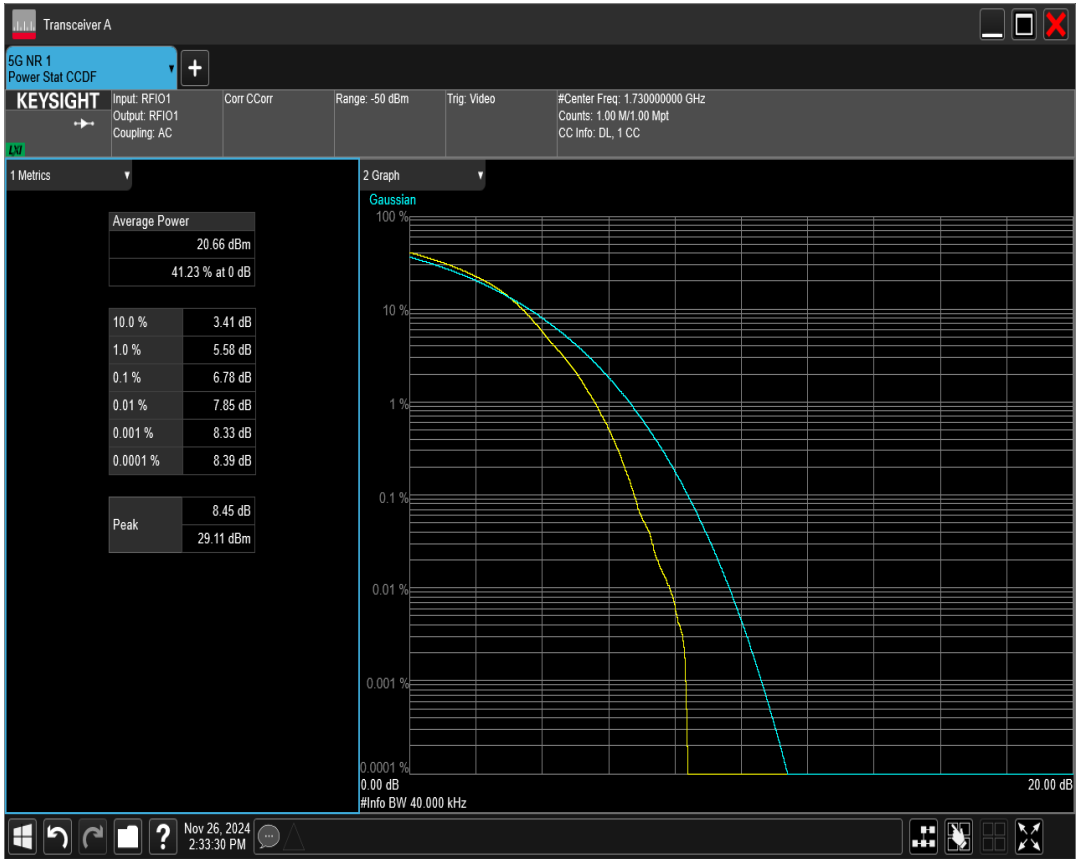
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=24@0



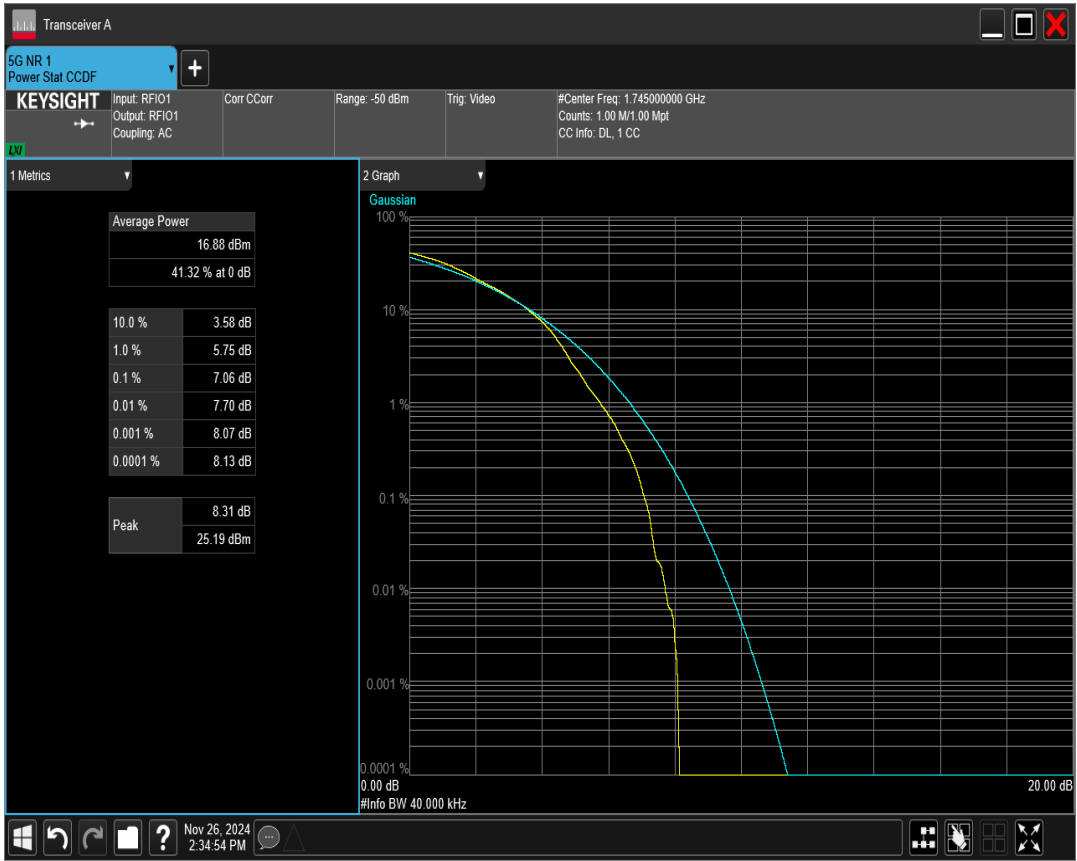
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=354000 RB=50@0



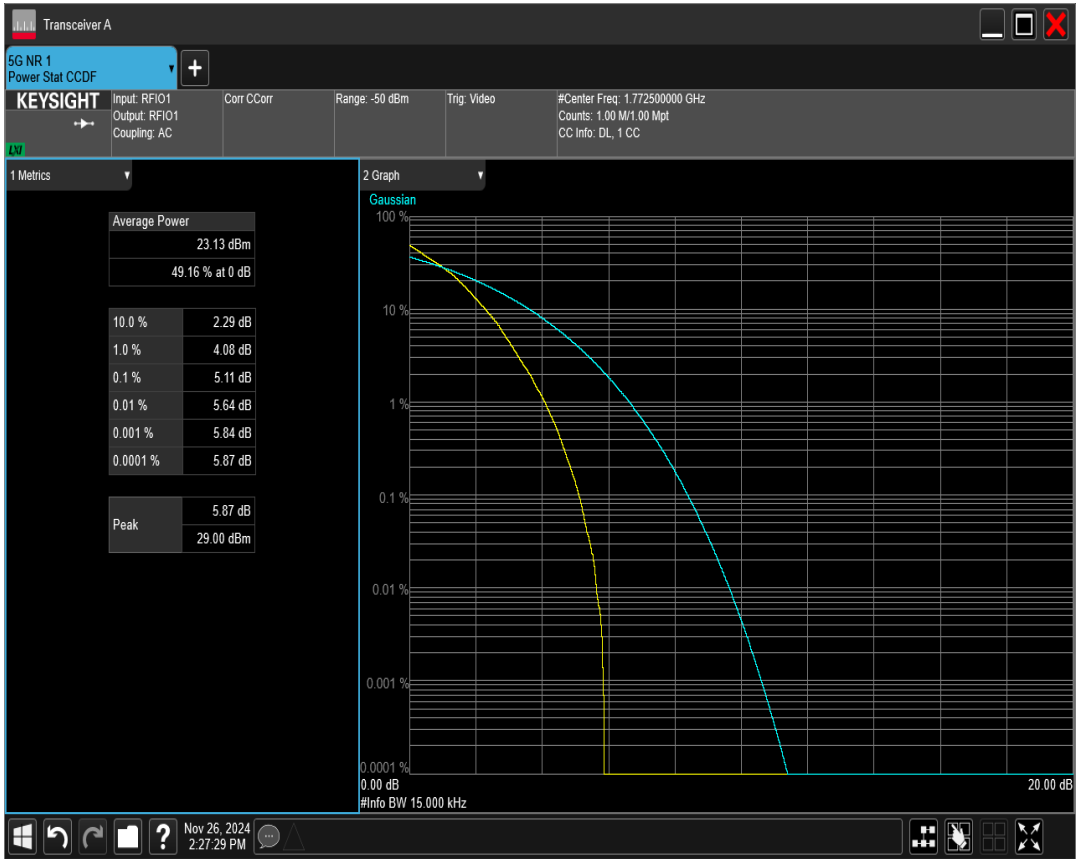
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=346000 RB=100@0



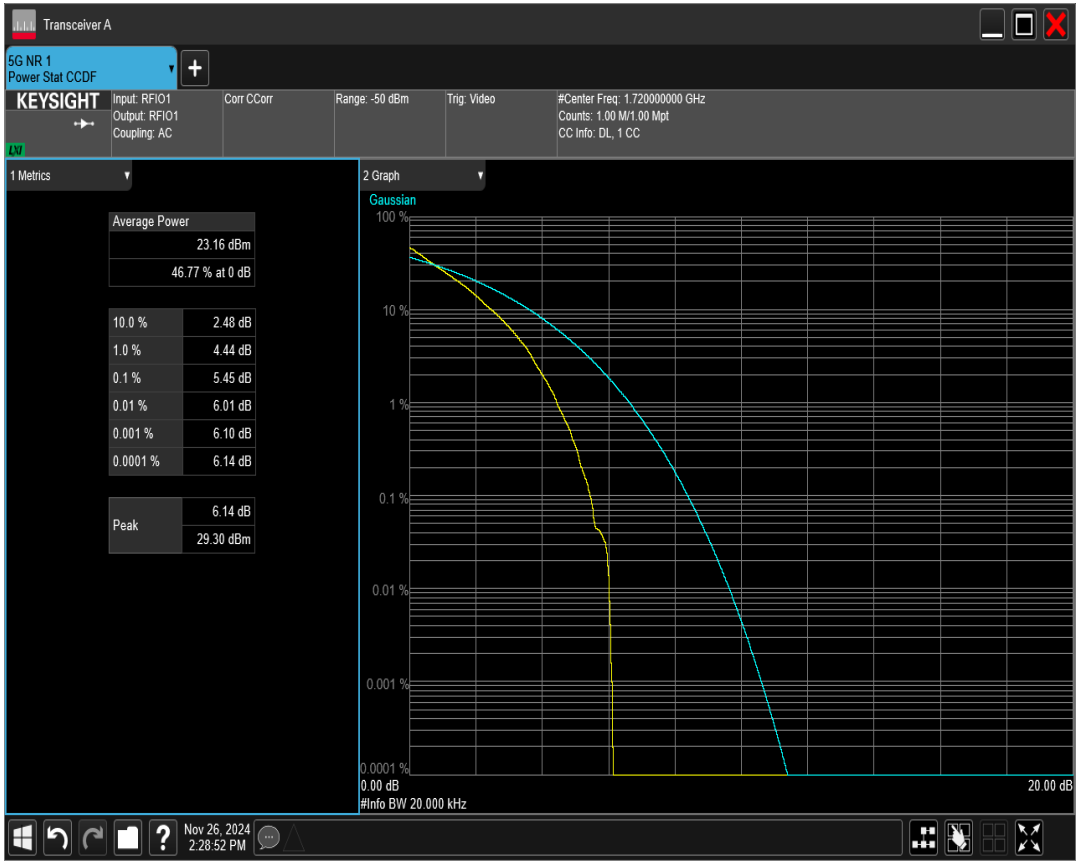
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=349000 RB=100@0



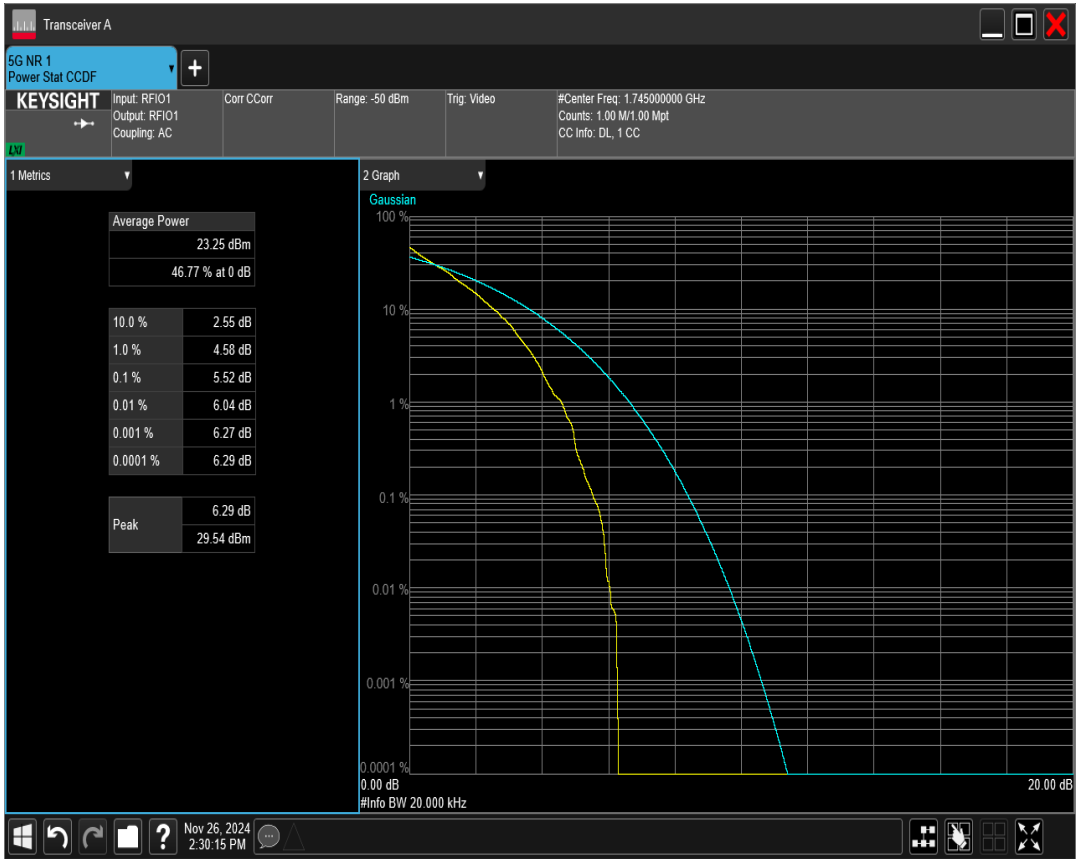
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=354500 RB=36@0



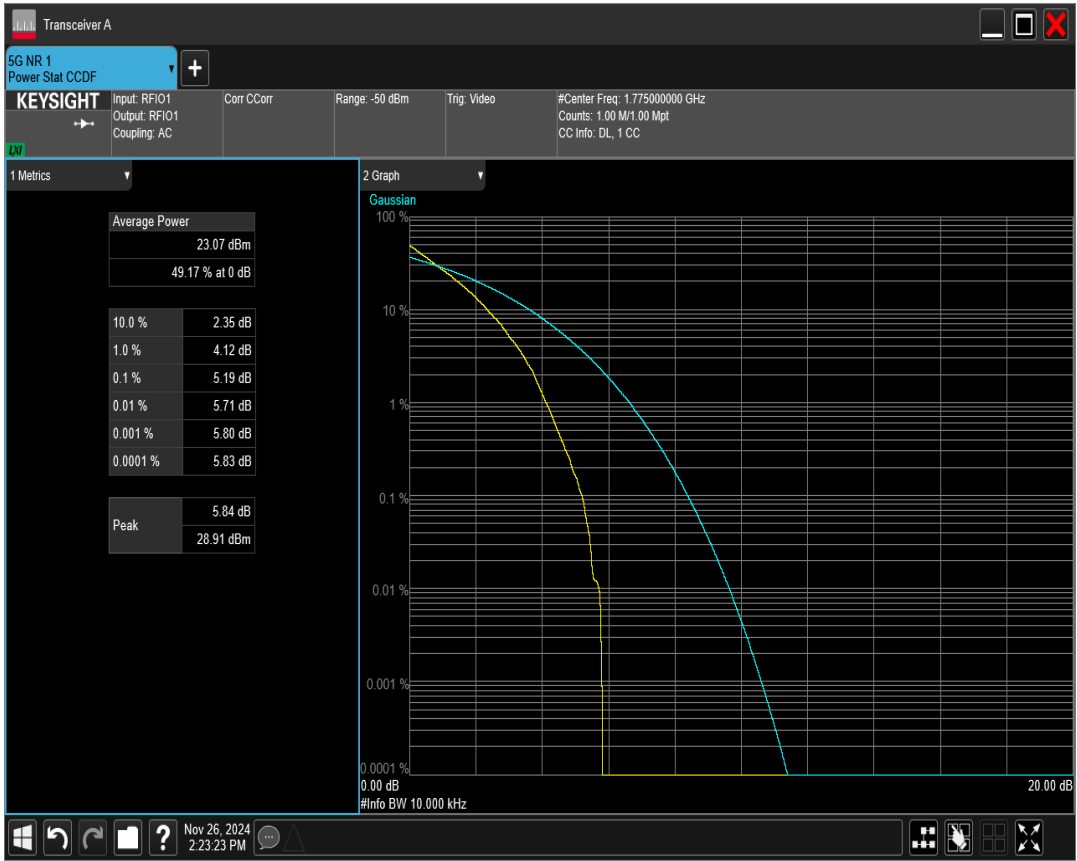
n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=344000 RB=50@0



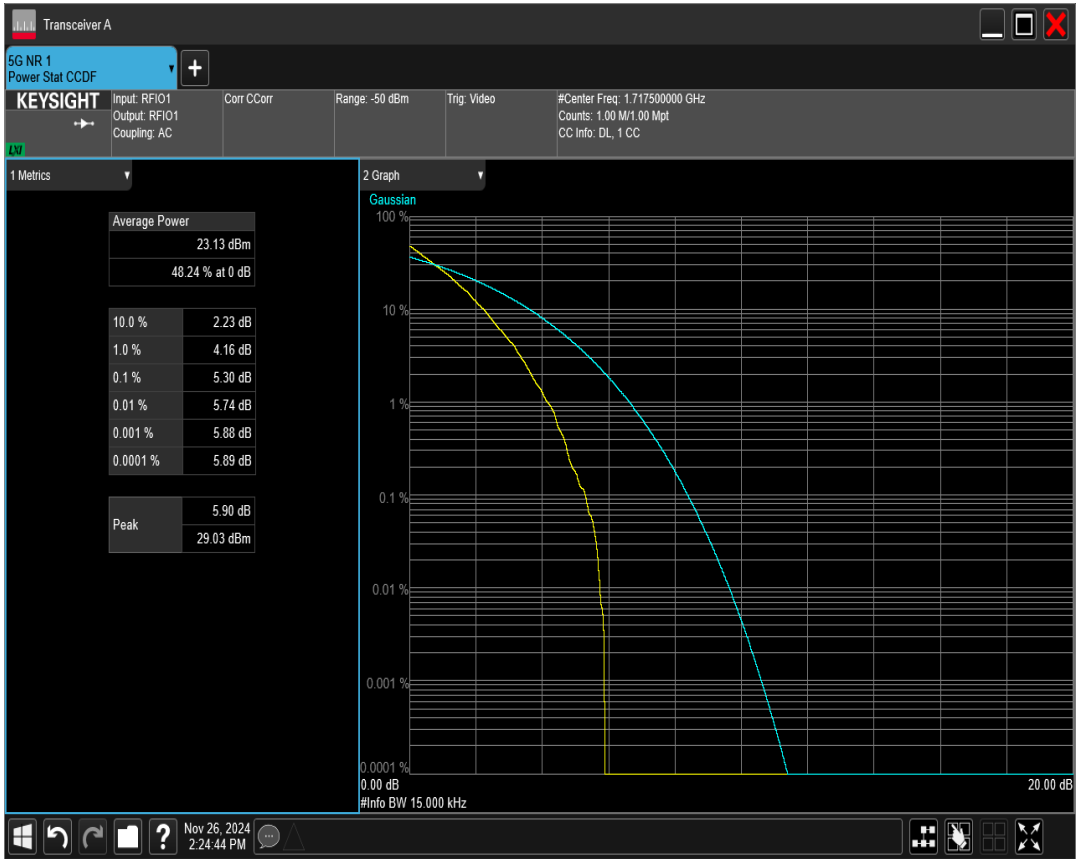
n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=349000 RB=50@0



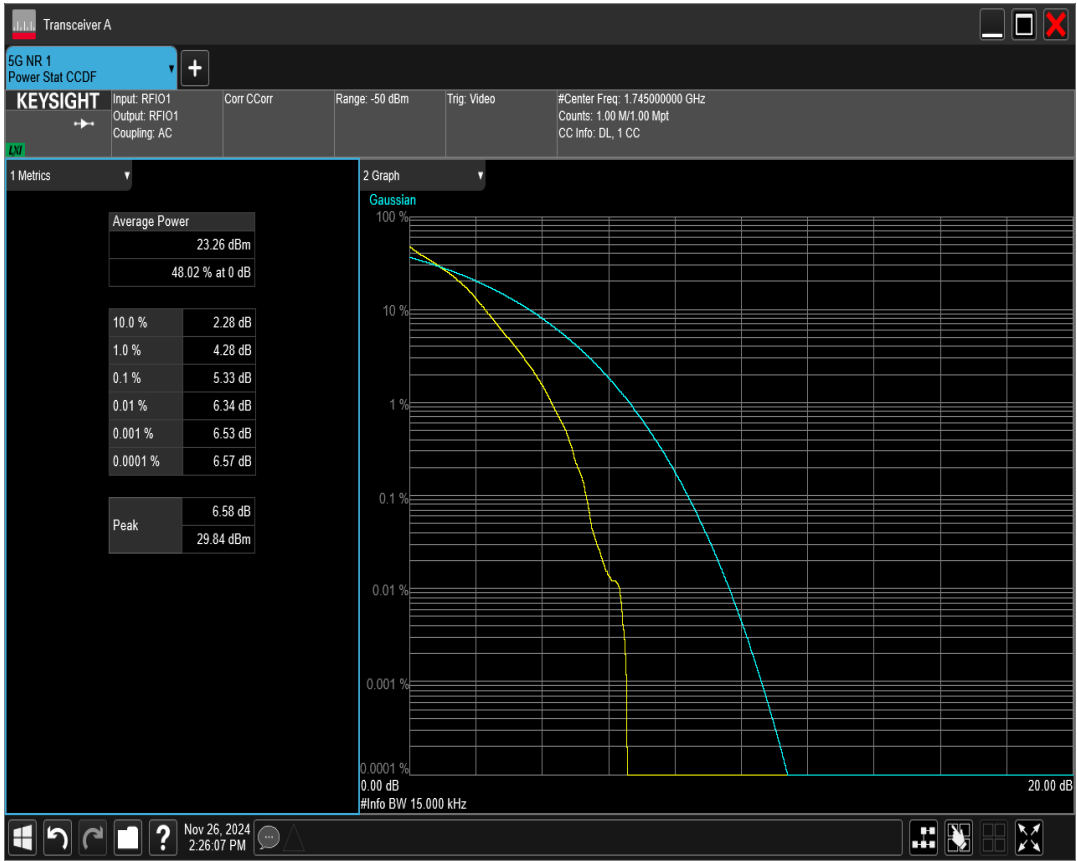
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=24@0



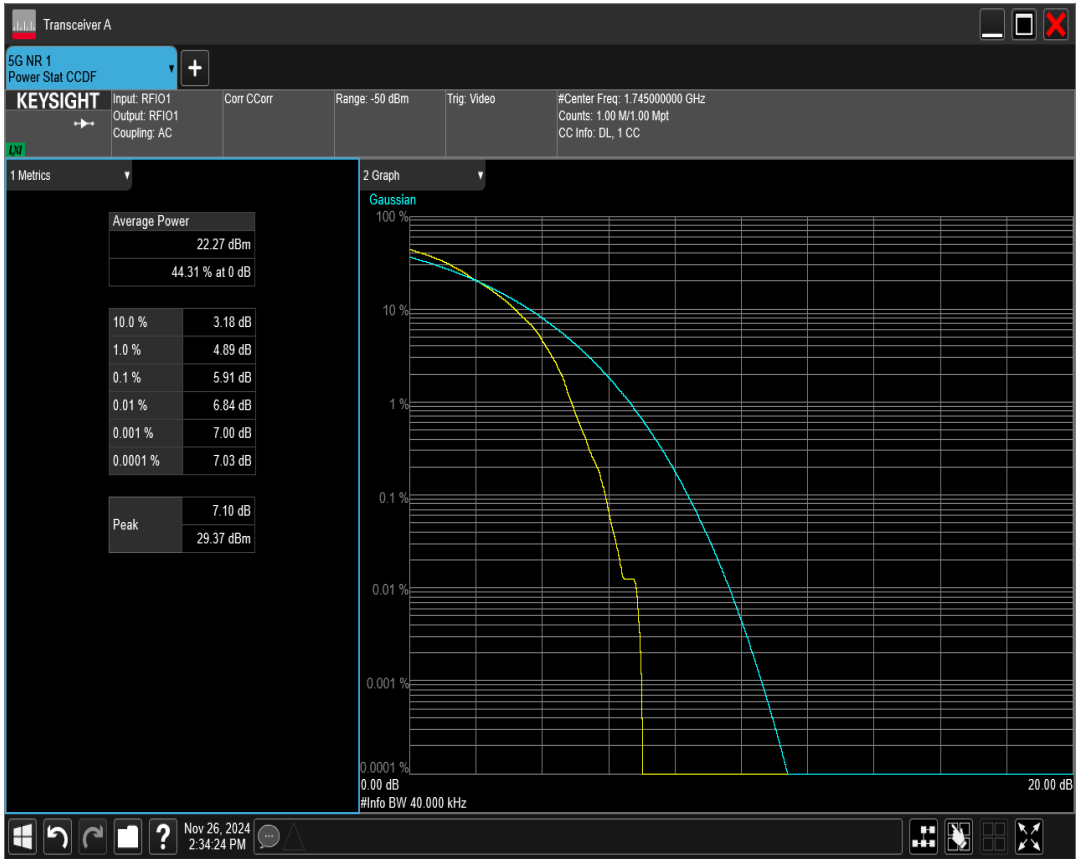
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=343500 RB=36@0



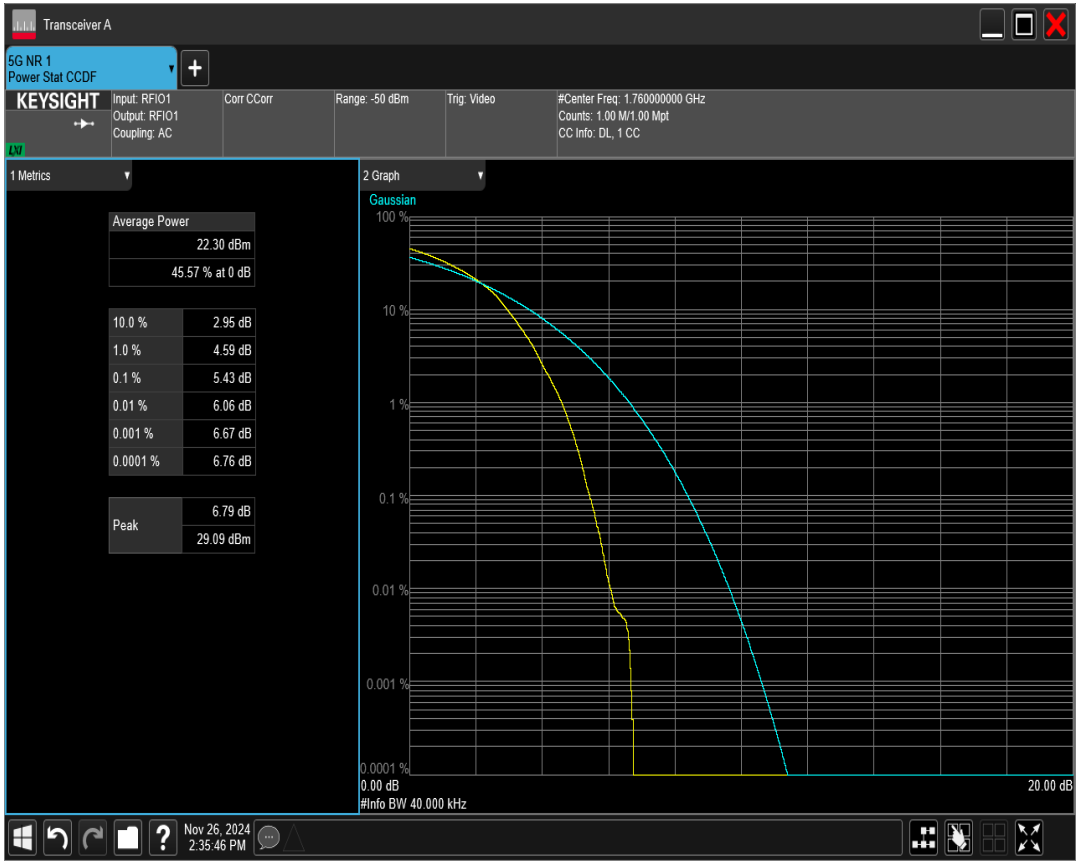
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=349000 RB=36@0



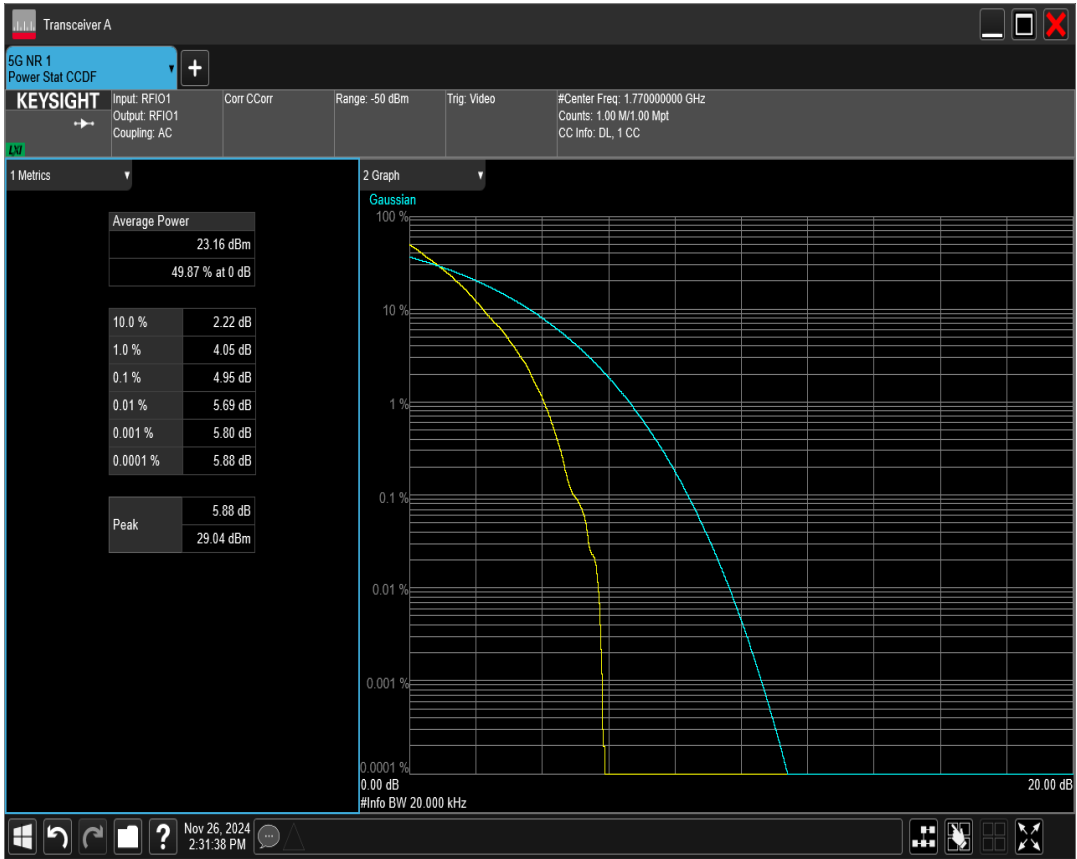
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=349000 RB=100@0



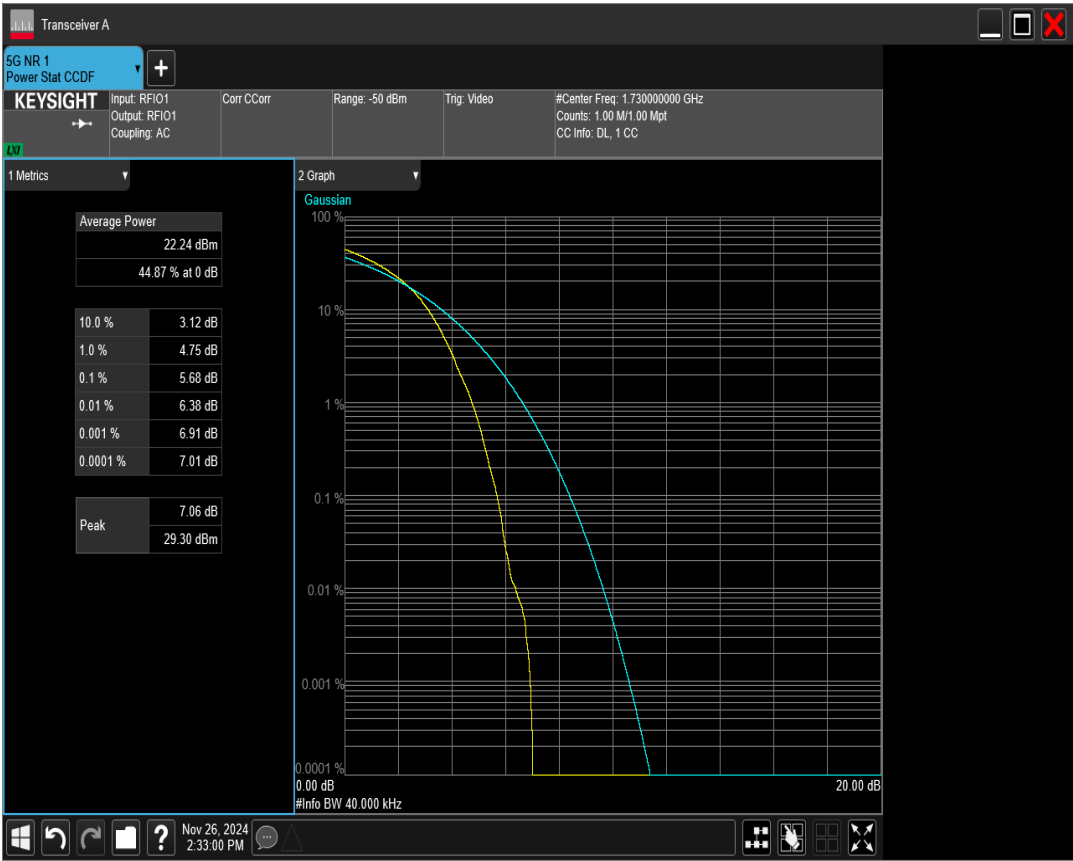
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=100@0



n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=354000 RB=50@0



n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=100@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n66	15	10	349000	24@0	DFT_BPSK	8.550	8.940	PASS
n66	15	10	349000	24@0	DFT_QPSK	8.550	8.910	PASS
n66	15	10	349000	24@0	DFT_QAM16	8.600	8.940	PASS
n66	15	10	349000	24@0	DFT_QAM64	8.540	8.950	PASS
n66	15	10	349000	24@0	DFT_QAM256	8.550	8.860	PASS
n66	15	15	349000	36@0	DFT_BPSK	13.400	13.240	PASS
n66	15	15	349000	36@0	DFT_QPSK	13.540	13.210	PASS
n66	15	15	349000	36@0	DFT_QAM16	13.430	13.270	PASS
n66	15	15	349000	36@0	DFT_QAM64	13.390	13.230	PASS
n66	15	15	349000	36@0	DFT_QAM256	13.390	13.260	PASS
n66	15	20	349000	50@0	DFT_BPSK	18.080	18.190	PASS
n66	15	20	349000	50@0	DFT_QPSK	18.030	18.280	PASS
n66	15	20	349000	50@0	DFT_QAM16	18.090	18.300	PASS
n66	15	20	349000	50@0	DFT_QAM64	18.030	18.320	PASS
n66	15	20	349000	50@0	DFT_QAM256	18.010	18.270	PASS
n66	15	40	349000	100@0	DFT_BPSK	37.570	36.300	PASS
n66	15	40	349000	100@0	DFT_QPSK	37.570	36.370	PASS
n66	15	40	349000	100@0	DFT_QAM16	37.510	36.400	PASS
n66	15	40	349000	100@0	DFT_QAM64	37.510	36.250	PASS
n66	15	40	349000	100@0	DFT_QAM256	37.450	36.370	PASS

n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=349000 RB=100@0



n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=349000 RB=50@0



n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=349000 RB=36@0



n66 SCS=30kHz DFT_QAM256 BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_QAM256 BW=15MHz Channel=349000 RB=36@0



n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=349000 RB=100@0



n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=349000 RB=36@0



Measurement

BLER/Tput

UE Info.

Msg. Summary

NR UE Power: 22 dBm

DL BLER: 0 %

Duplex: FDD

Port: RFIO1

Freq: 1745 MHz

EIP: 25 dBm

Measuring

Acquiring

Avg: 2/2

Occupied Bandwidth

Amplitude (dBm)

Frequency (GHz)

Pass/Fail

Pass

OBW

13.427 MHz

Tx Freq Err

0.00 Hz

X dB BW

13.27 MHz

Total Power

21.18 dBm

Meas Cell

NR1

Meas Mode

Basic

Meas Select

Meas Channel

PUSCH

Average Count

2

Continuous

Off

Restart

Ready

BSE.CONNECT

Copy

Current Log

2024-11-27 00:14:28

n66 SCS=30kHz DFT_QAM16 BW=20MHz Channel=349000 RB=50@0



Measurement

BLER/Tput

UE Info.

Msg. Summary

NR UE Power: 22 dBm

DL BLER: 0 %

Duplex: FDD

Port: RFIO1

Freq: 1745 MHz

EIP: 25 dBm

Measuring

Acquiring

Avg: 2/2

Occupied Bandwidth

Amplitude (dBm)

Frequency (GHz)

Pass/Fail

Pass

OBW

18.090 MHz

Tx Freq Err

0.00 Hz

X dB BW

18.30 MHz

Total Power

21.24 dBm

Meas Cell

NR1

Meas Mode

Basic

Meas Select

Meas Channel

PUSCH

Average Count

2

Continuous

Off

Restart

Ready

BSE.CONNECT

Copy

Current Log

2024-11-27 00:14:55

n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=349000 RB=36@0



n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=349000 RB=50@0



n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=349000 RB=100@0



n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=349000 RB=36@0



n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=349000 RB=50@0



n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=349000 RB=100@0



Ready

BSE.CONNECT

Copy

Current Log

2024-11-27 00:15:18

n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=349000 RB=50@0



Ready

BSE.CONNECT

Copy

Current Log

2024-11-27 00:14:58

n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=349000 RB=100@0



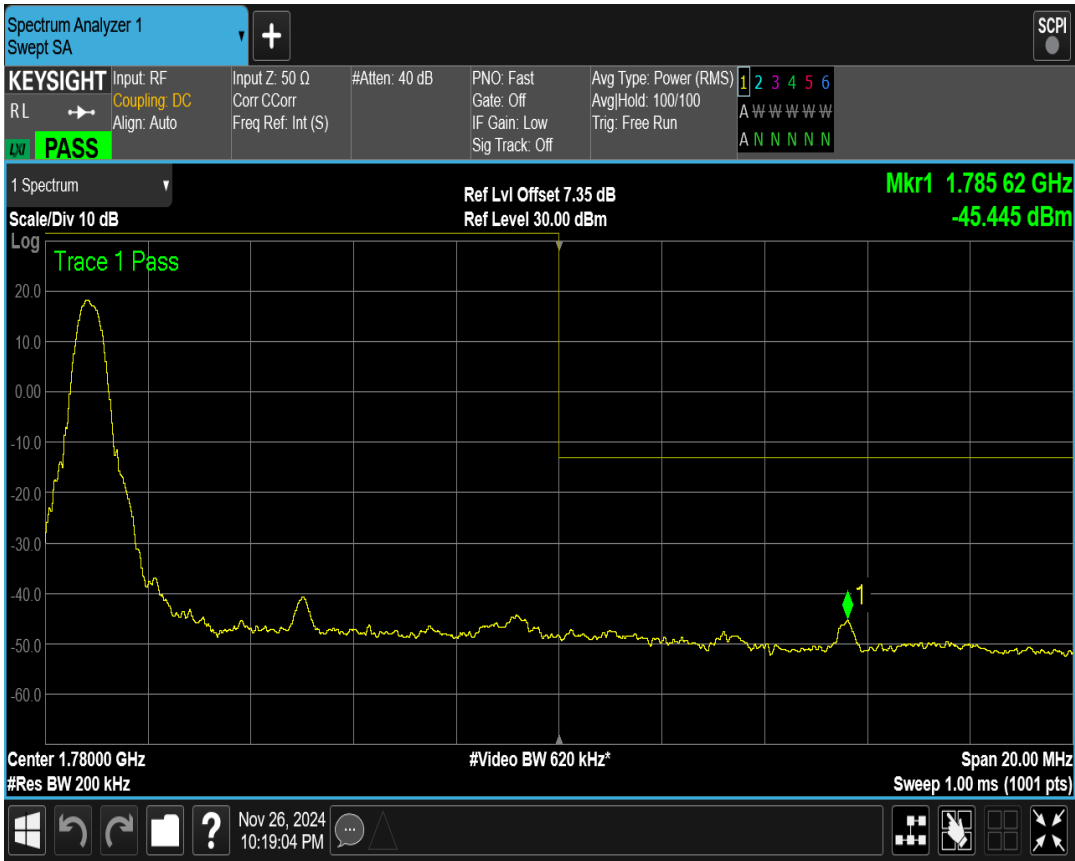
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=24@0



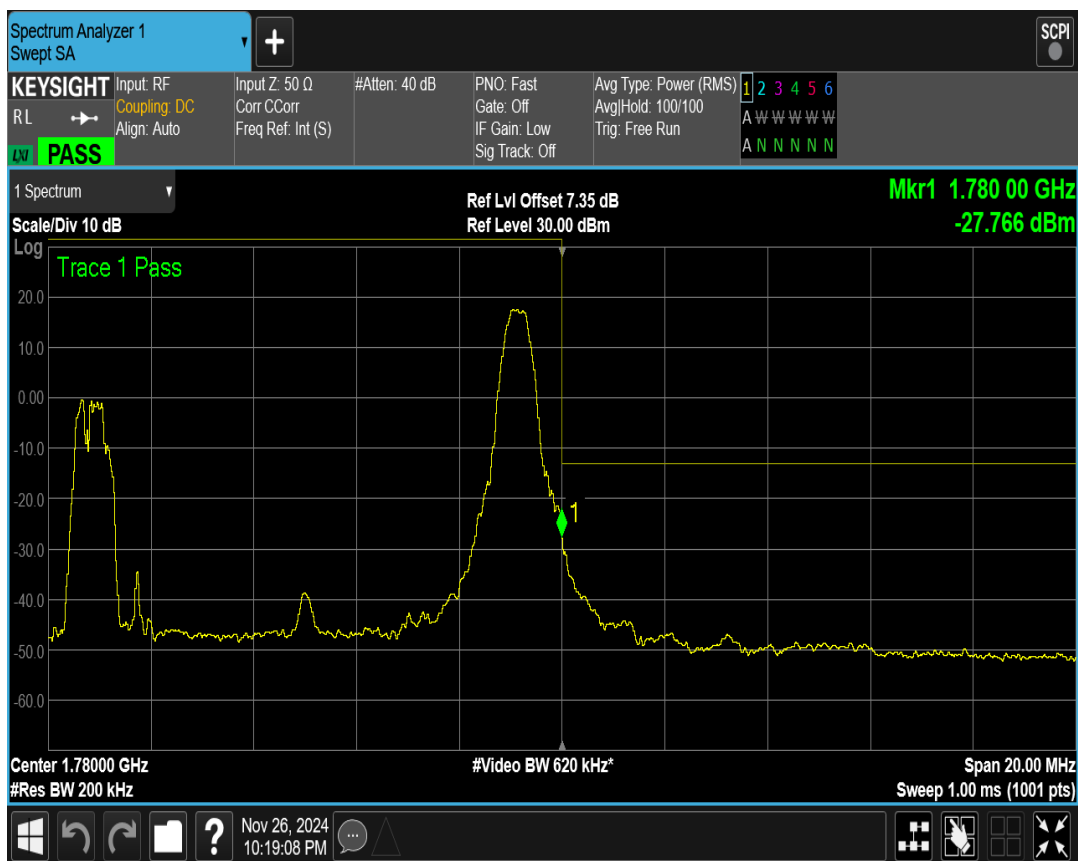
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	10	343000	24@0	CP_QPSK	1709.56	-32.91	-13	PASS
n66	15	10	343000	1@0	CP_QPSK	1709.98	-26.66	-13	PASS
n66	15	10	343000	1@23	CP_QPSK	1709.96	-34.01	-13	PASS
n66	15	10	355000	24@0	CP_QPSK	1780.20	-35.31	-13	PASS
n66	15	10	355000	1@0	CP_QPSK	1785.62	-45.44	-13	PASS
n66	15	10	355000	1@23	CP_QPSK	1780.00	-27.76	-13	PASS
n66	15	20	344000	51@0	CP_QPSK	1709.68	-34.99	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	1710.00	-31.01	-13	PASS
n66	15	20	344000	1@50	CP_QPSK	1709.76	-43.51	-13	PASS
n66	15	20	354000	51@0	CP_QPSK	1781.28	-34.95	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	1790.28	-44.20	-13	PASS
n66	15	20	354000	1@50	CP_QPSK	1780.00	-34.12	-13	PASS
n66	15	40	346000	106@0	CP_QPSK	1705.92	-36.30	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	1710.00	-24.69	-13	PASS
n66	15	40	346000	1@105	CP_QPSK	1709.68	-45.41	-13	PASS
n66	15	40	352000	106@0	CP_QPSK	1780.24	-33.10	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	1787.84	-46.17	-13	PASS
n66	15	40	352000	1@105	CP_QPSK	1780.00	-26.59	-13	PASS

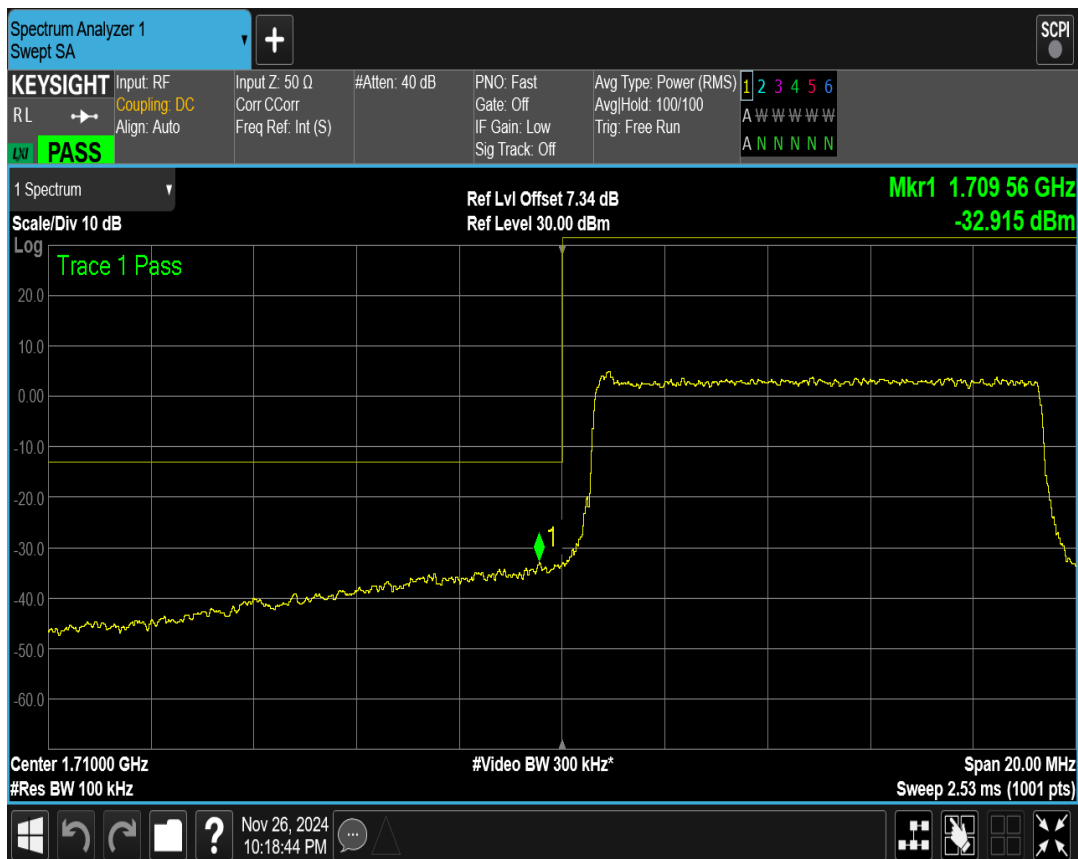
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@0



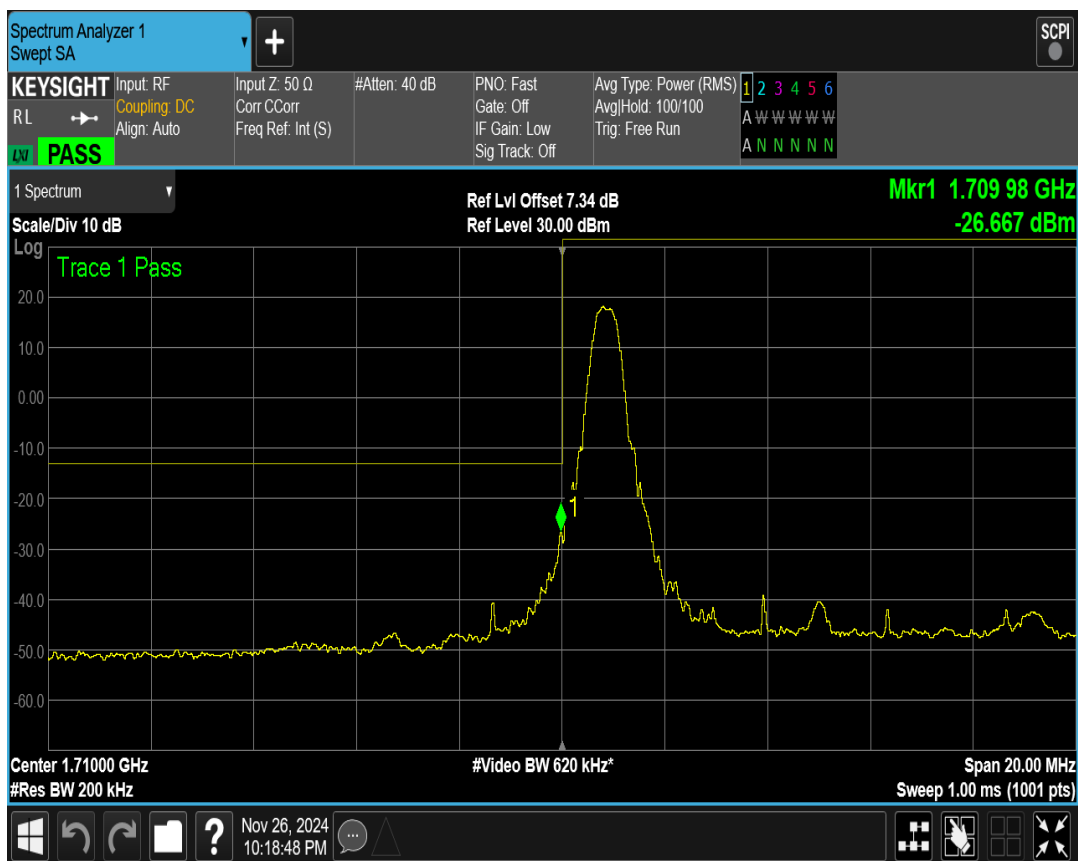
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@23



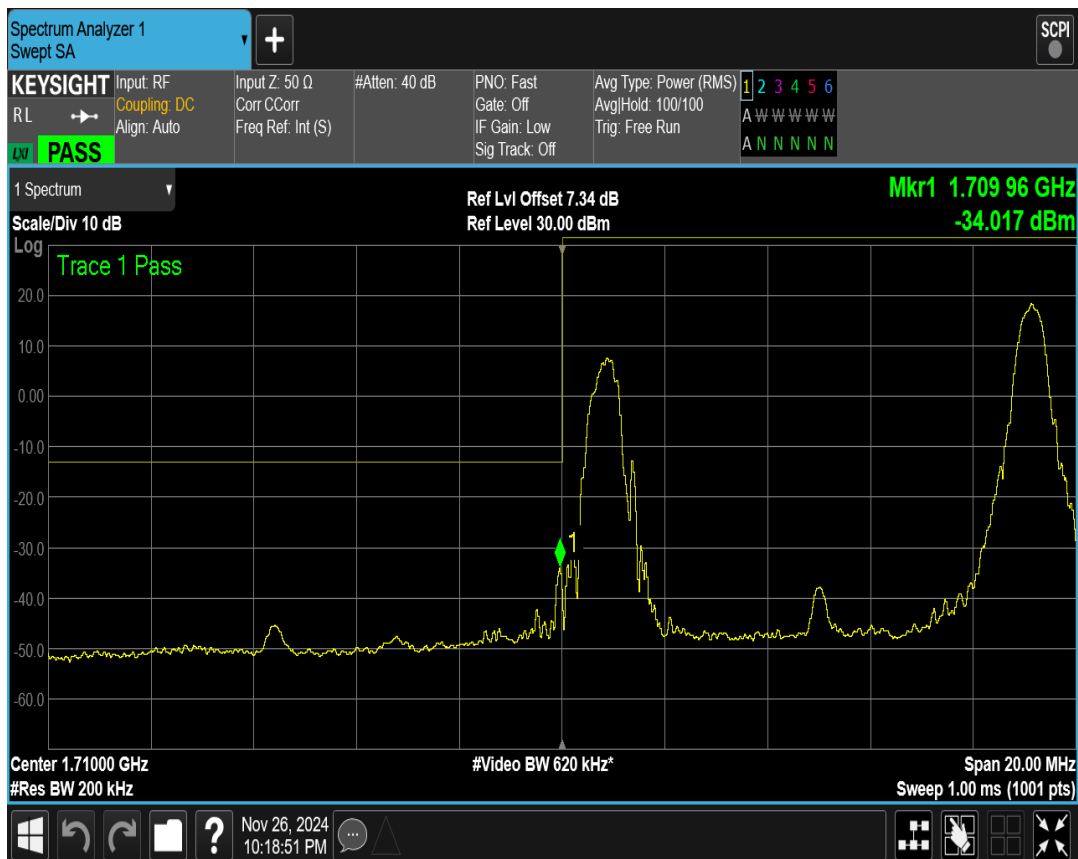
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0



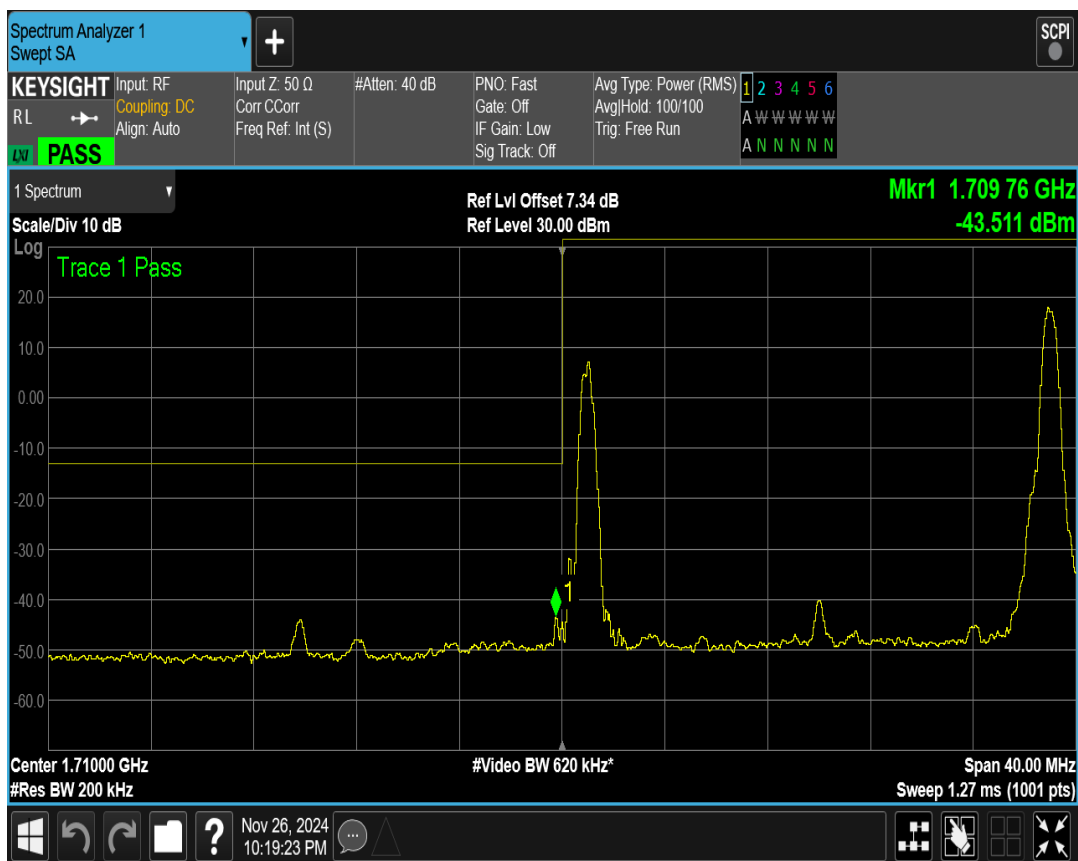
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@0



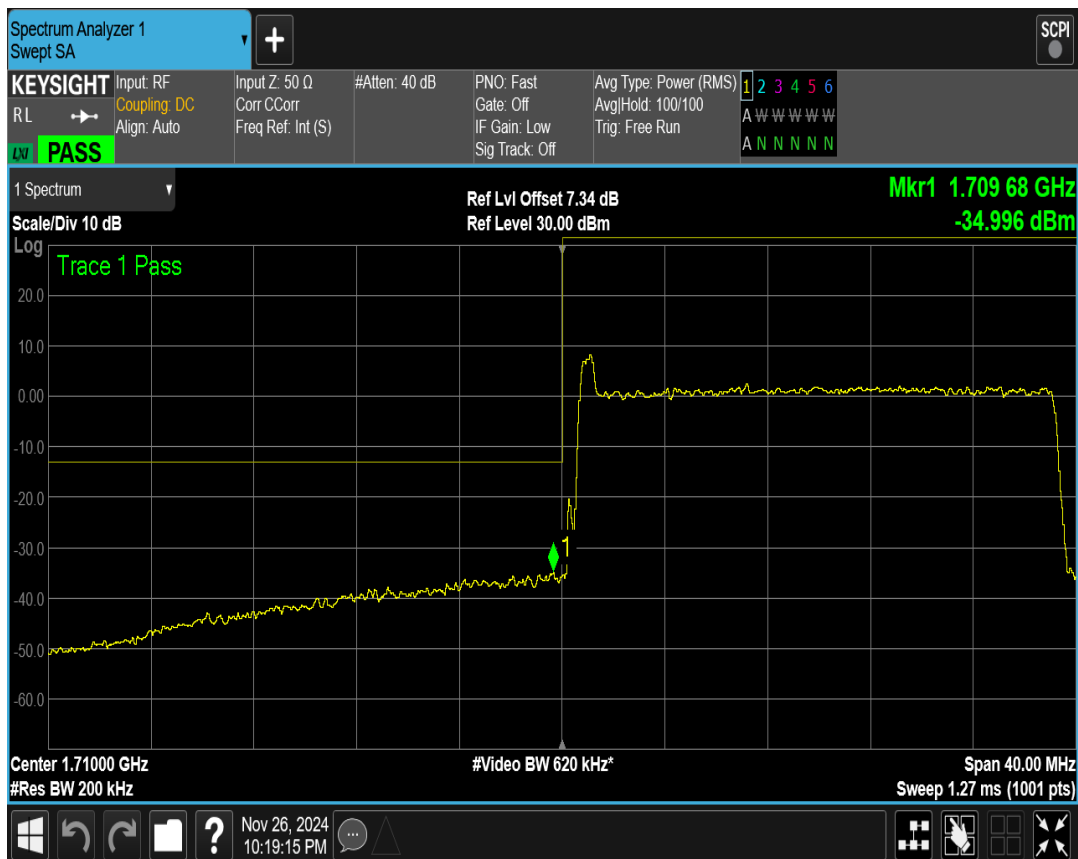
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@23



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



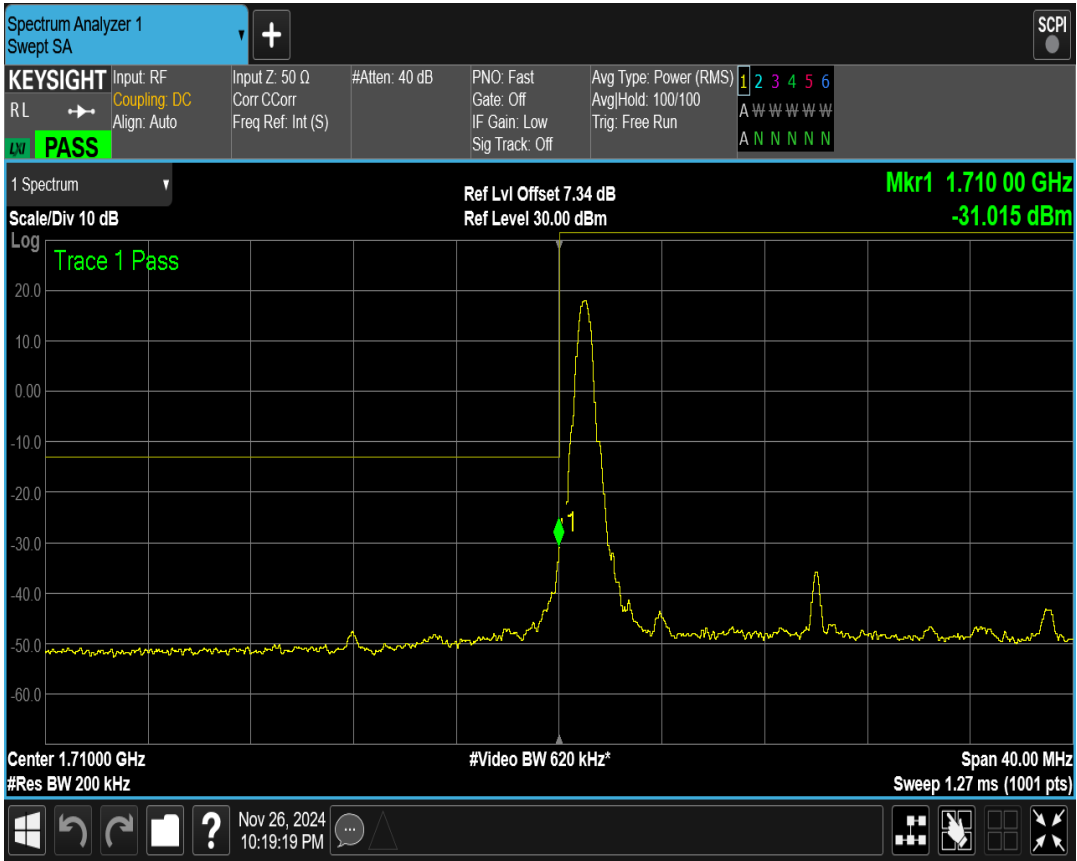
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=51@0



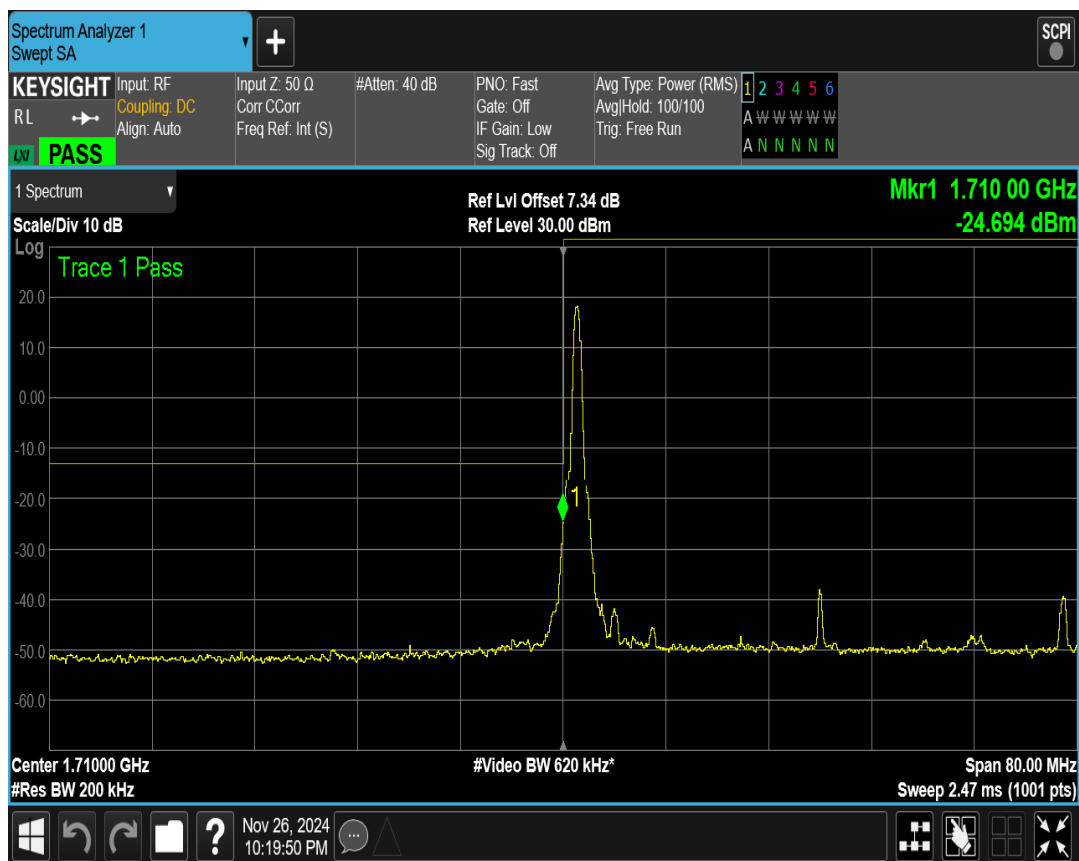
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=24@0



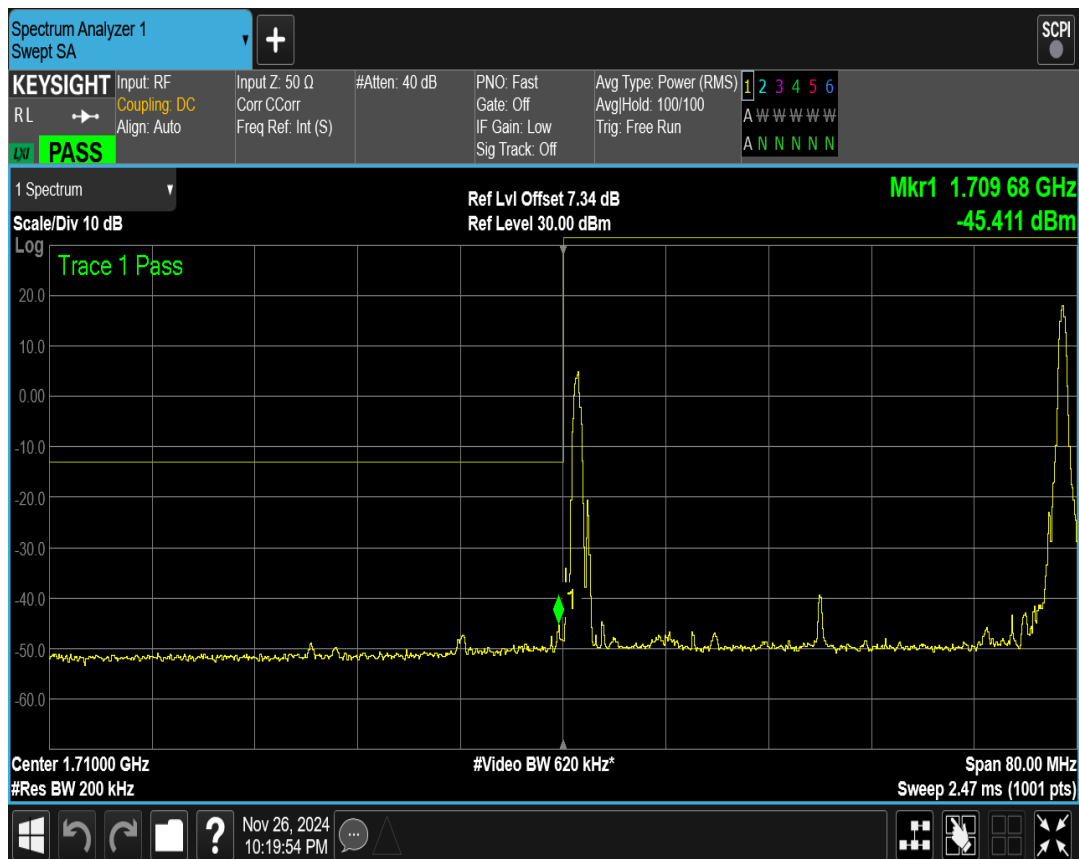
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



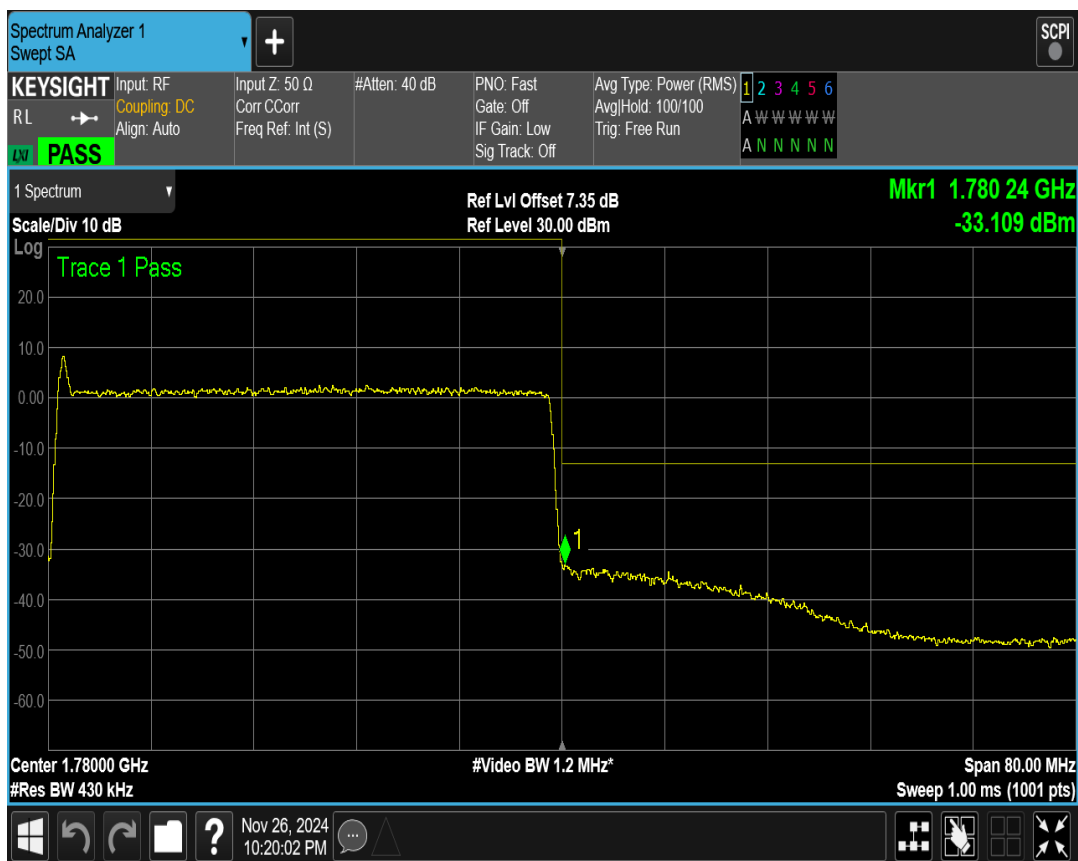
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



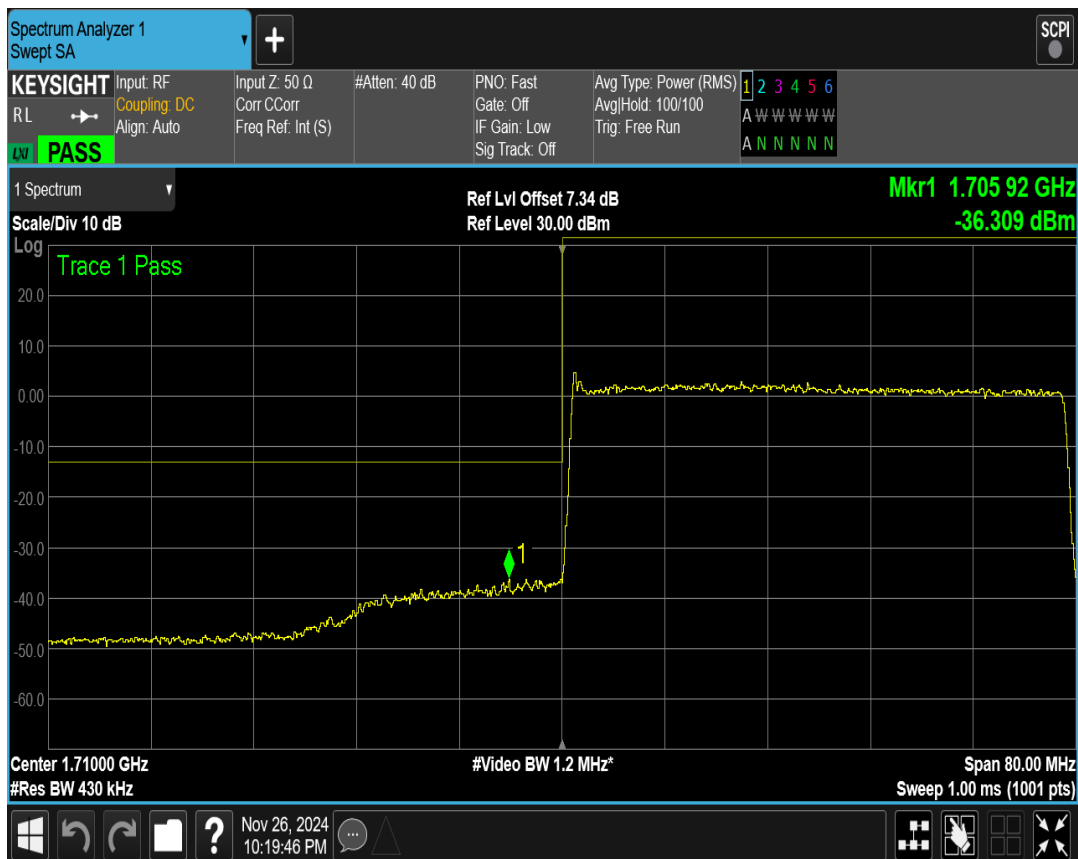
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=1@105



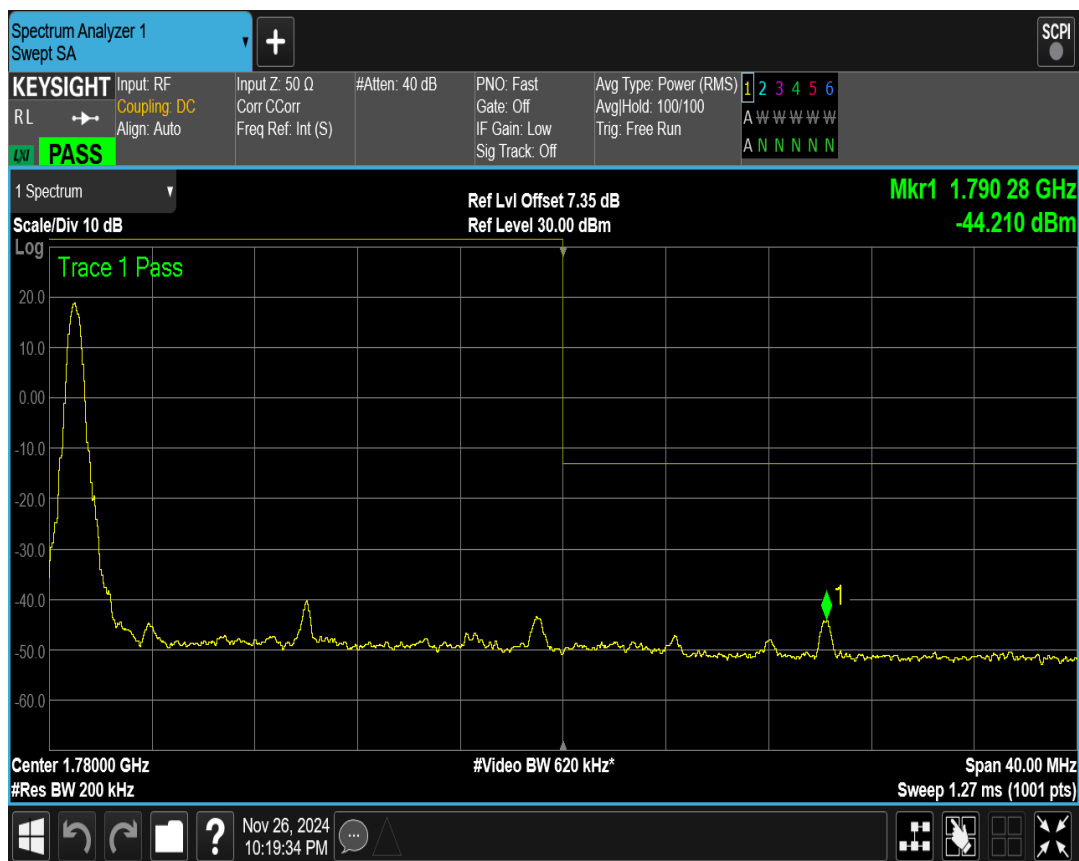
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=106@0



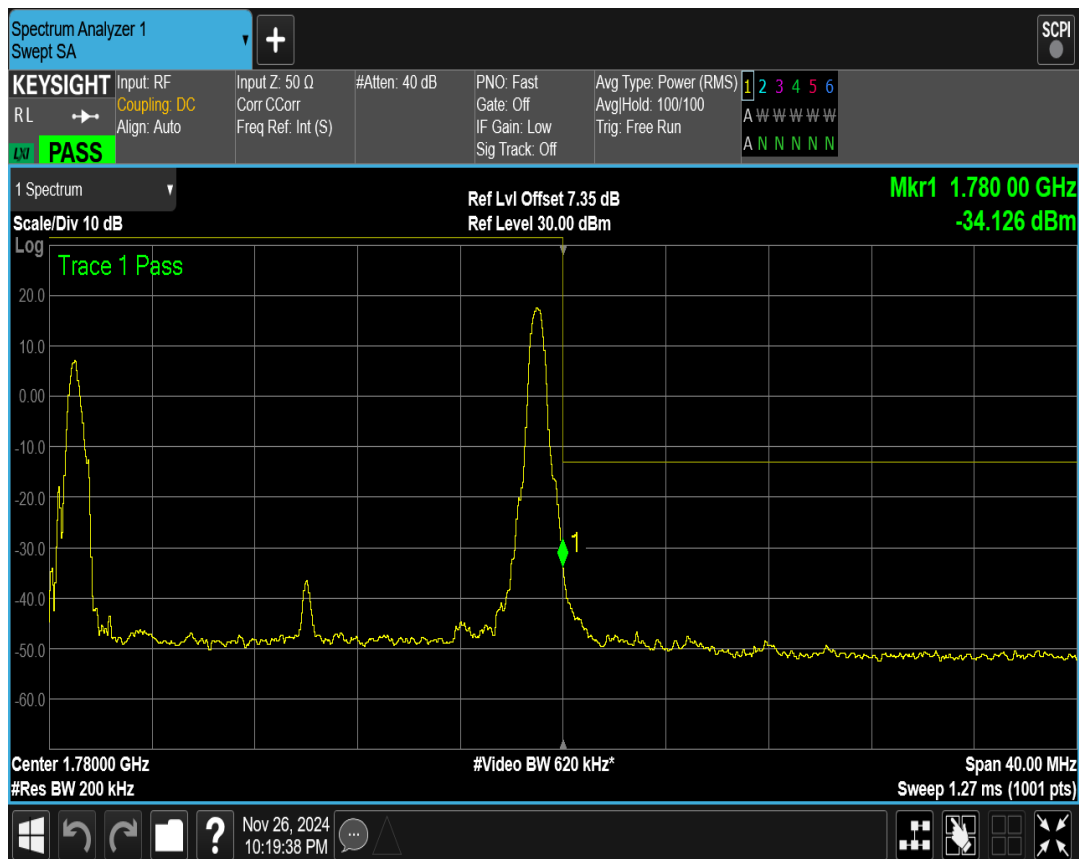
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=106@0



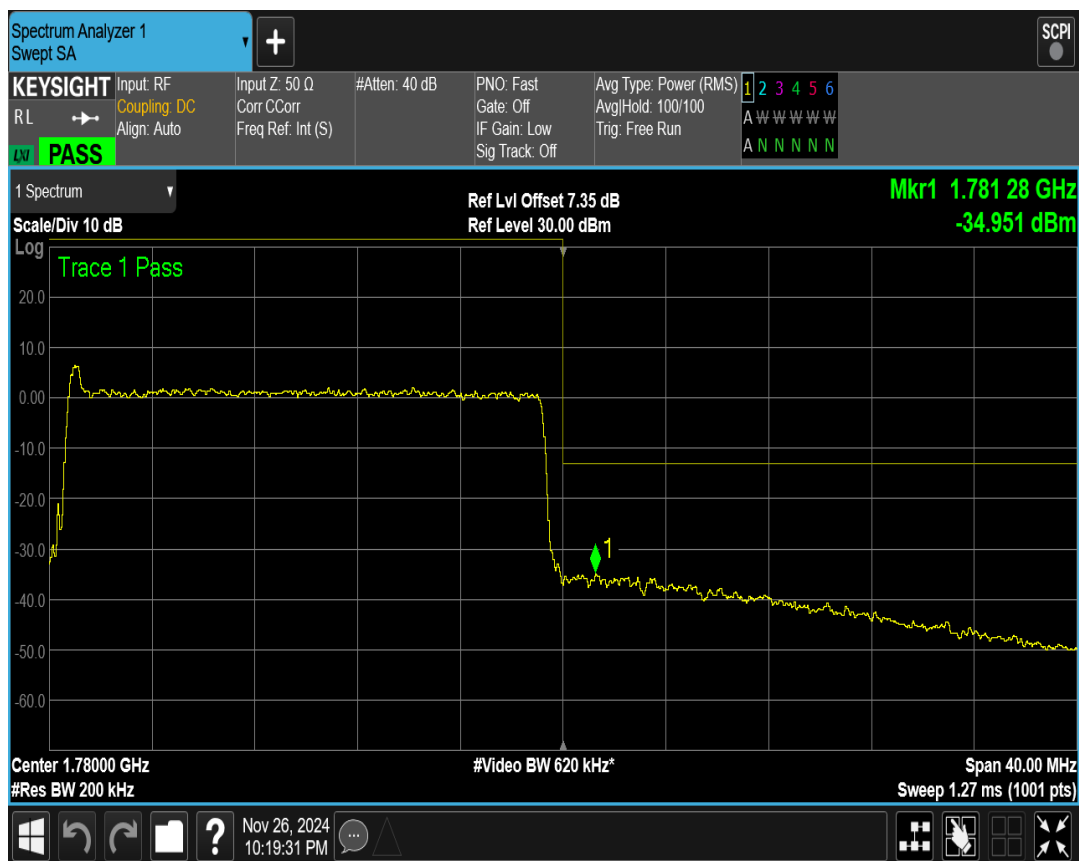
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



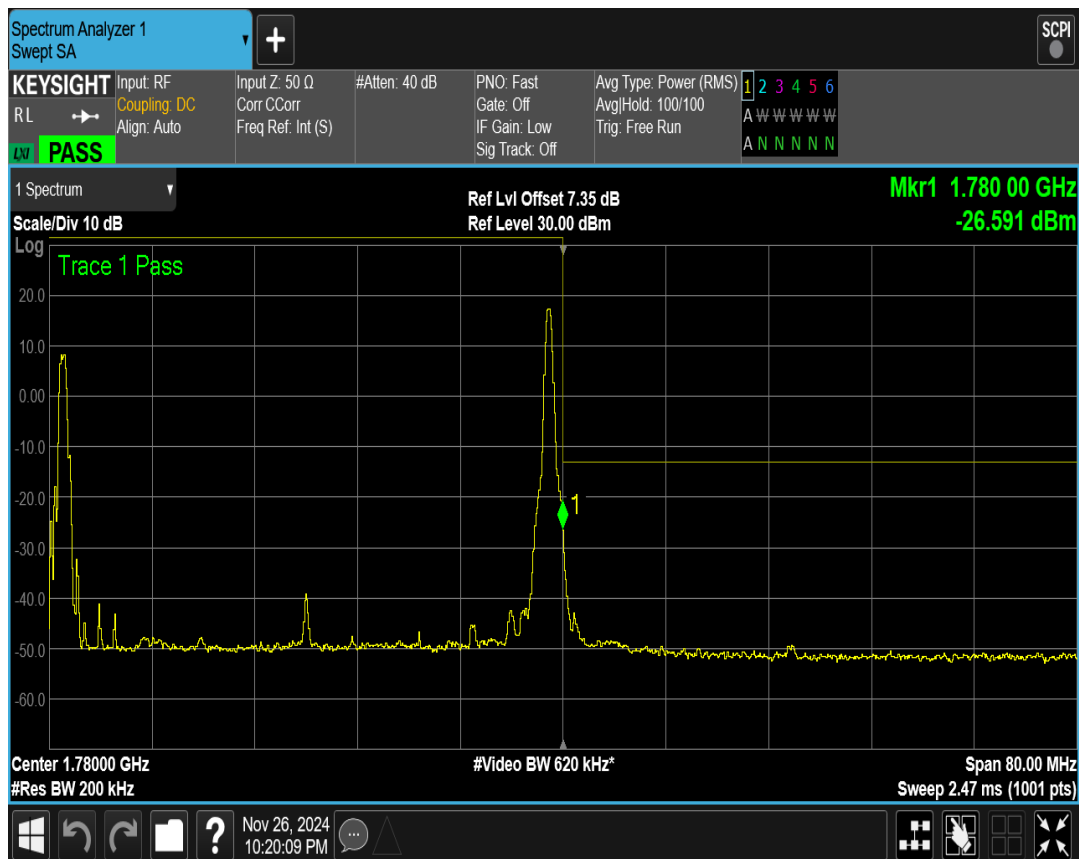
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@50



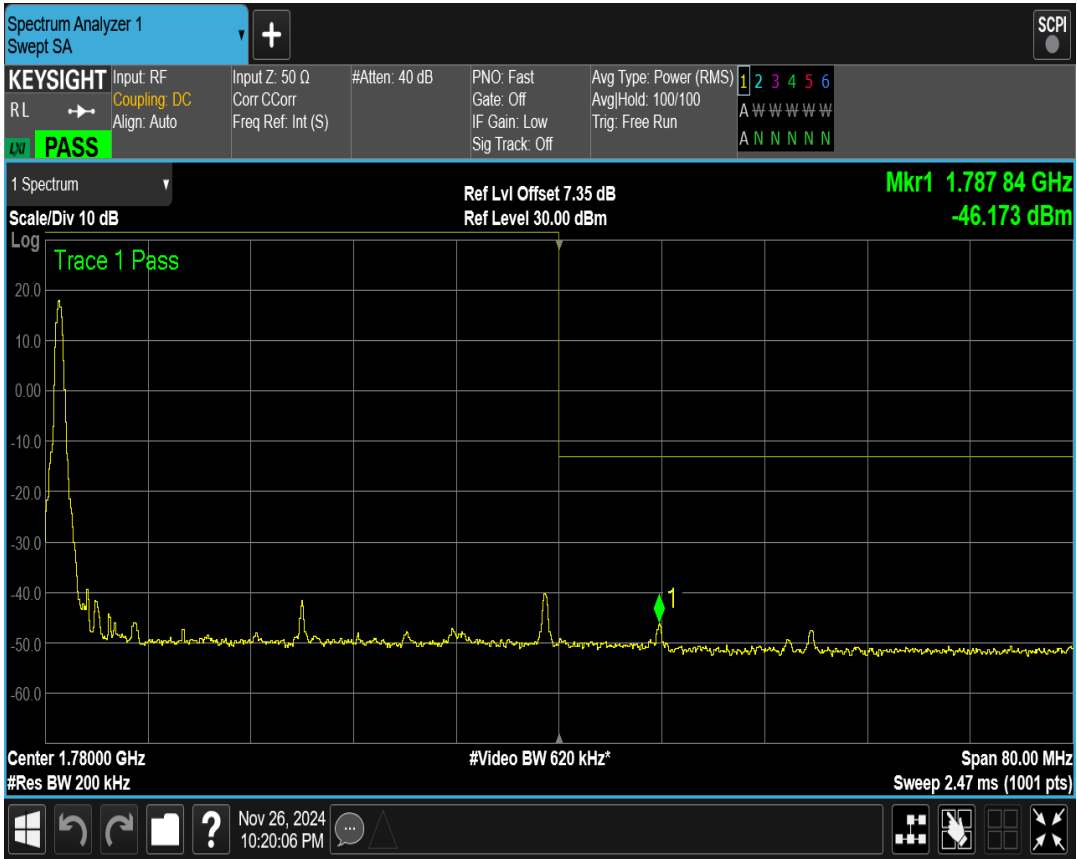
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=51@0



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



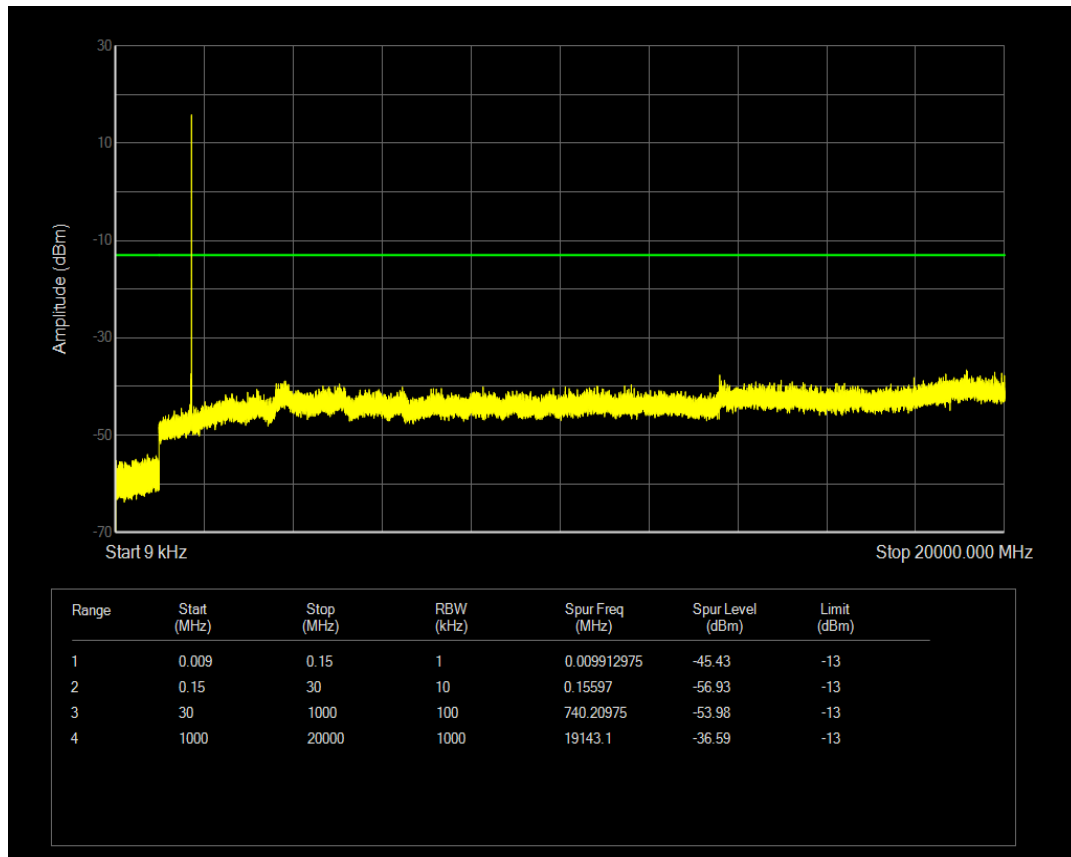
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



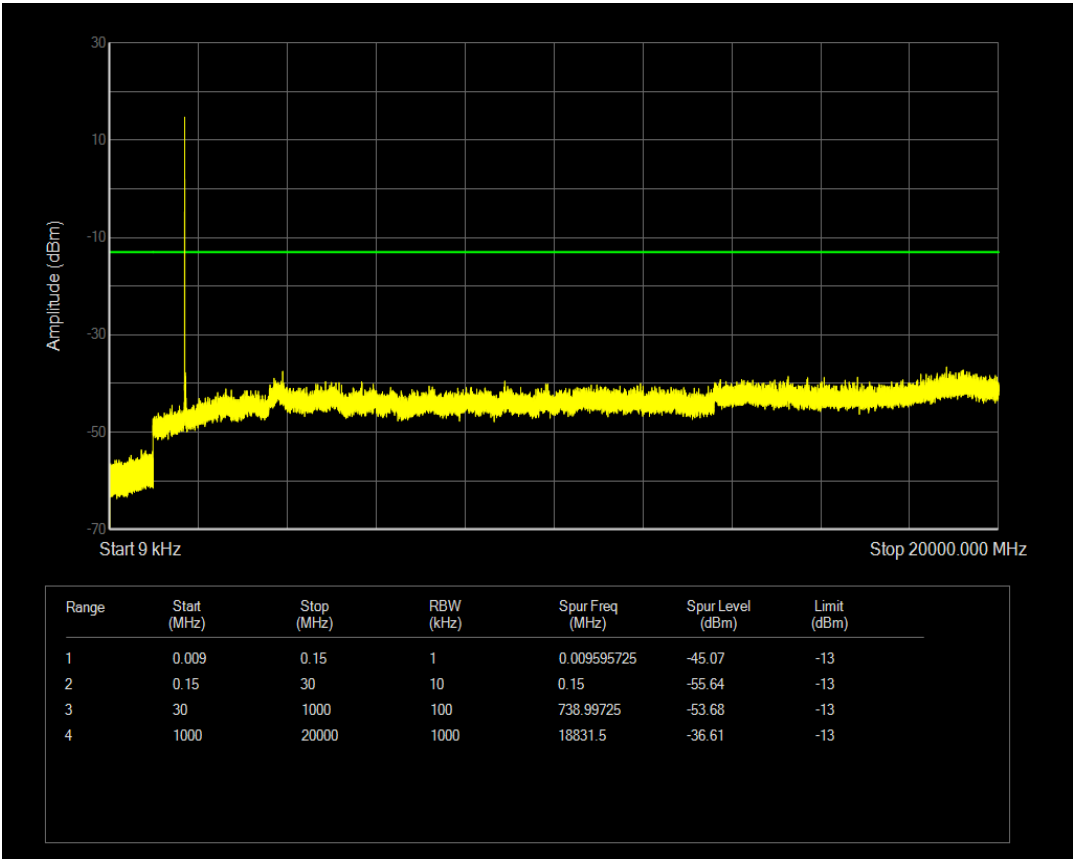
6 Out-of-band emissions for NR FR1

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	19238.58	-36.63	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	19280.38	-36.79	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	19186.33	-36.64	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	18815.35	-37.22	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	19383.45	-36.64	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	19388.20	-37.15	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	19206.75	-36.60	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	18831.50	-36.61	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	19143.10	-36.59	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	18812.98	-37.17	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	19116.03	-36.89	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	19452.80	-37.33	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	19774.38	-37.23	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	19396.28	-36.83	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	19400.08	-37.08	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	19152.13	-36.98	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	18965.93	-36.09	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	19508.85	-36.93	-13	PASS

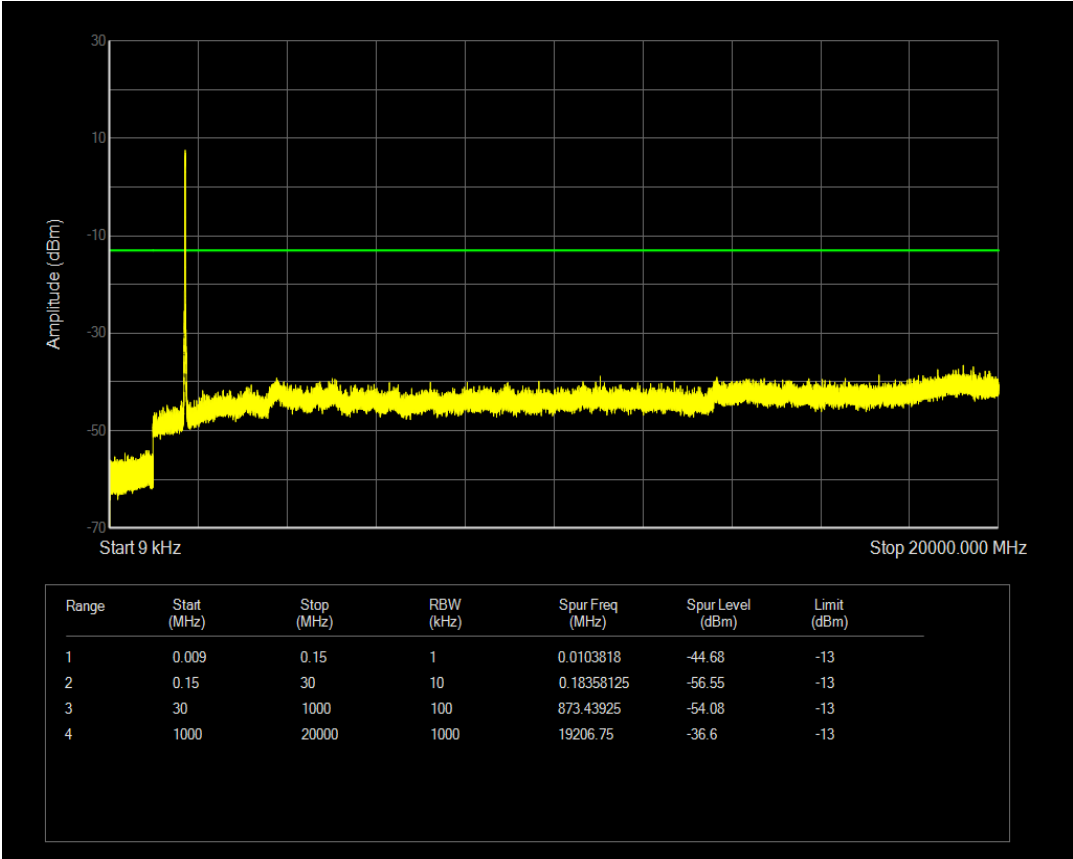
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@105



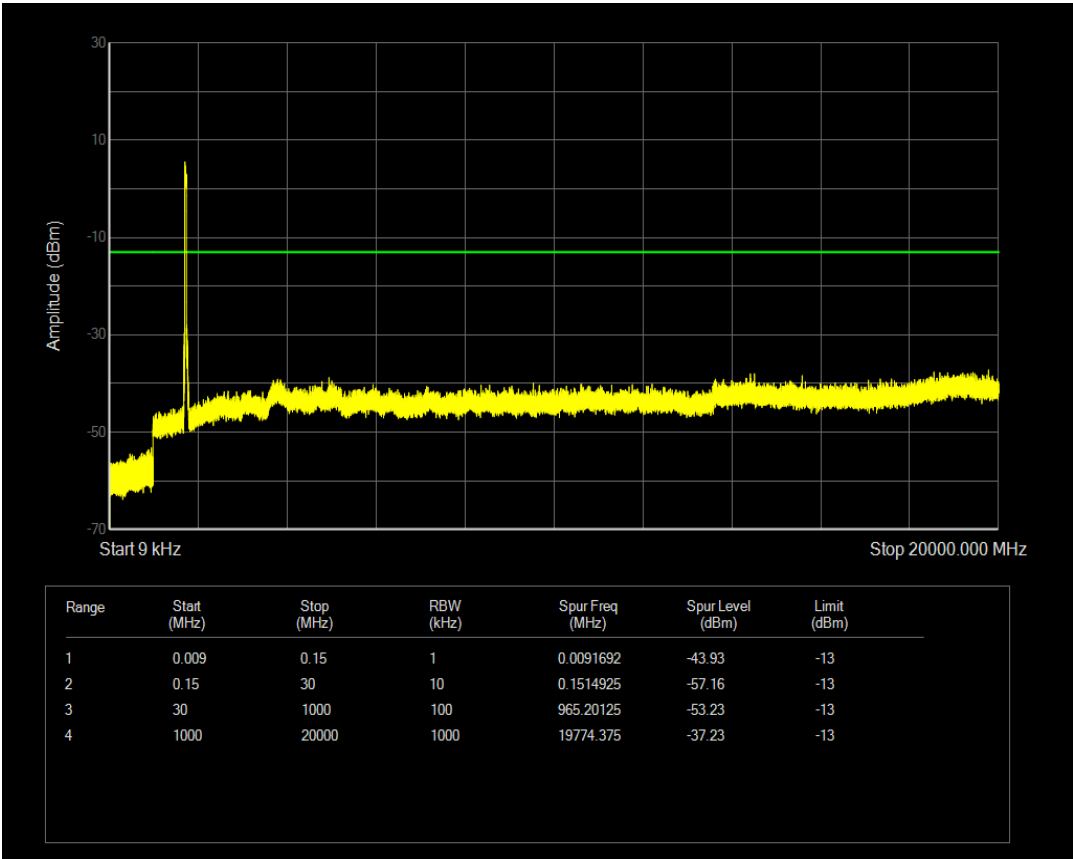
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



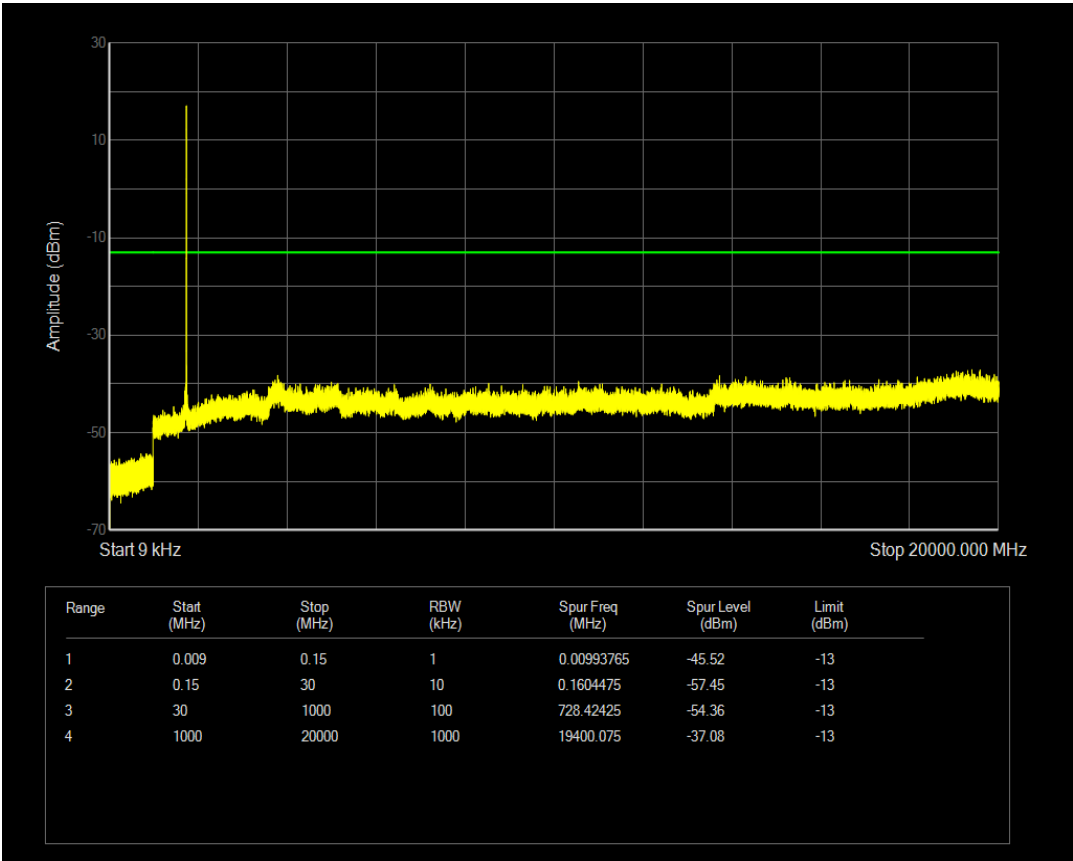
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=106@0



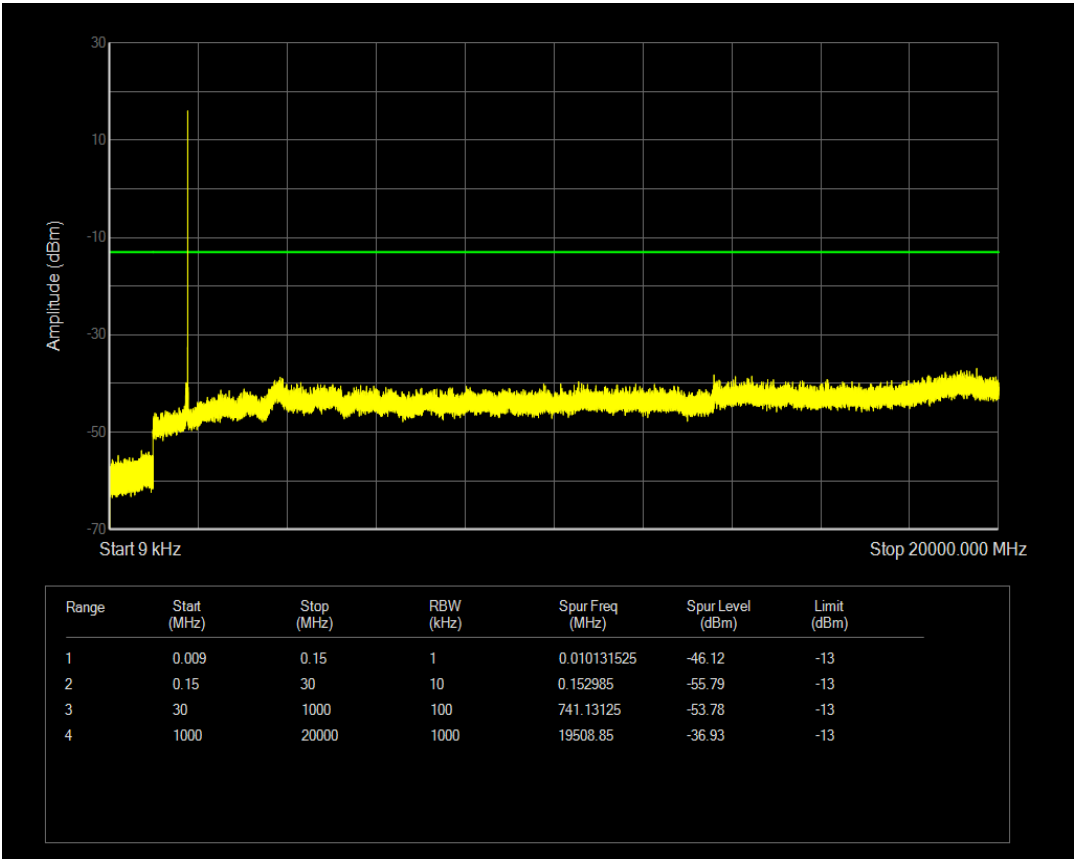
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=216@0



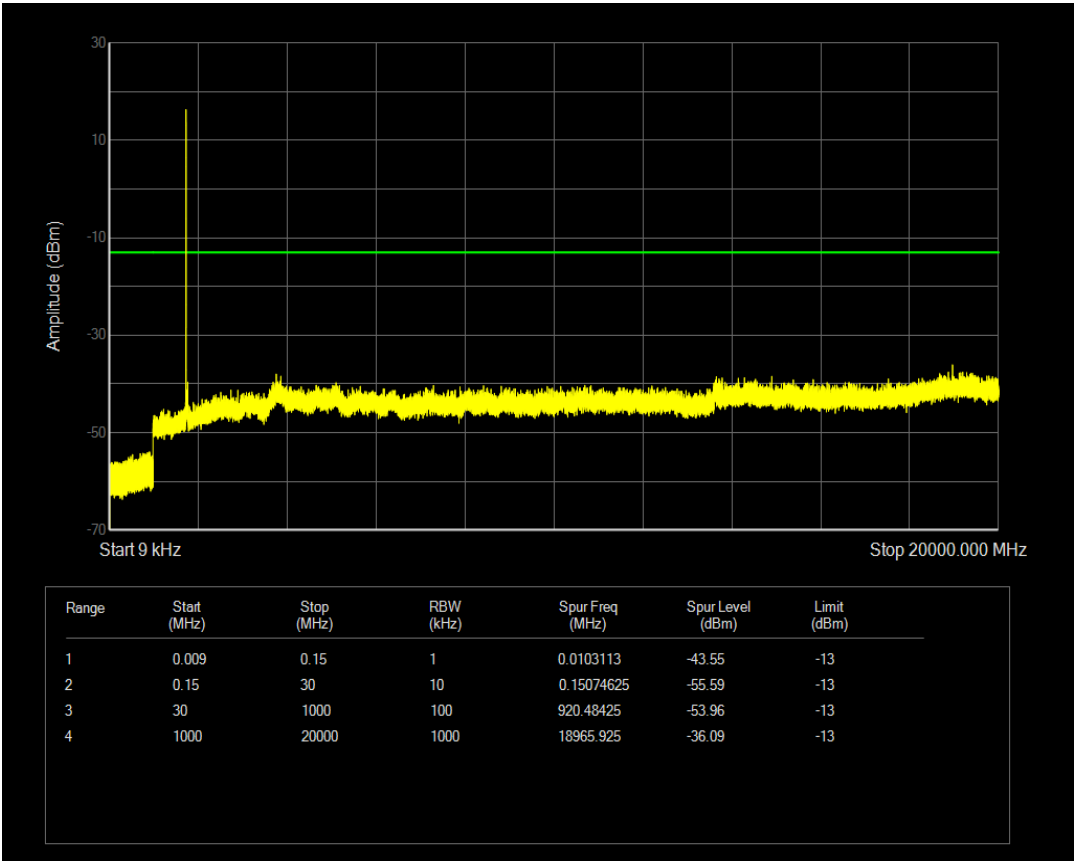
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@215



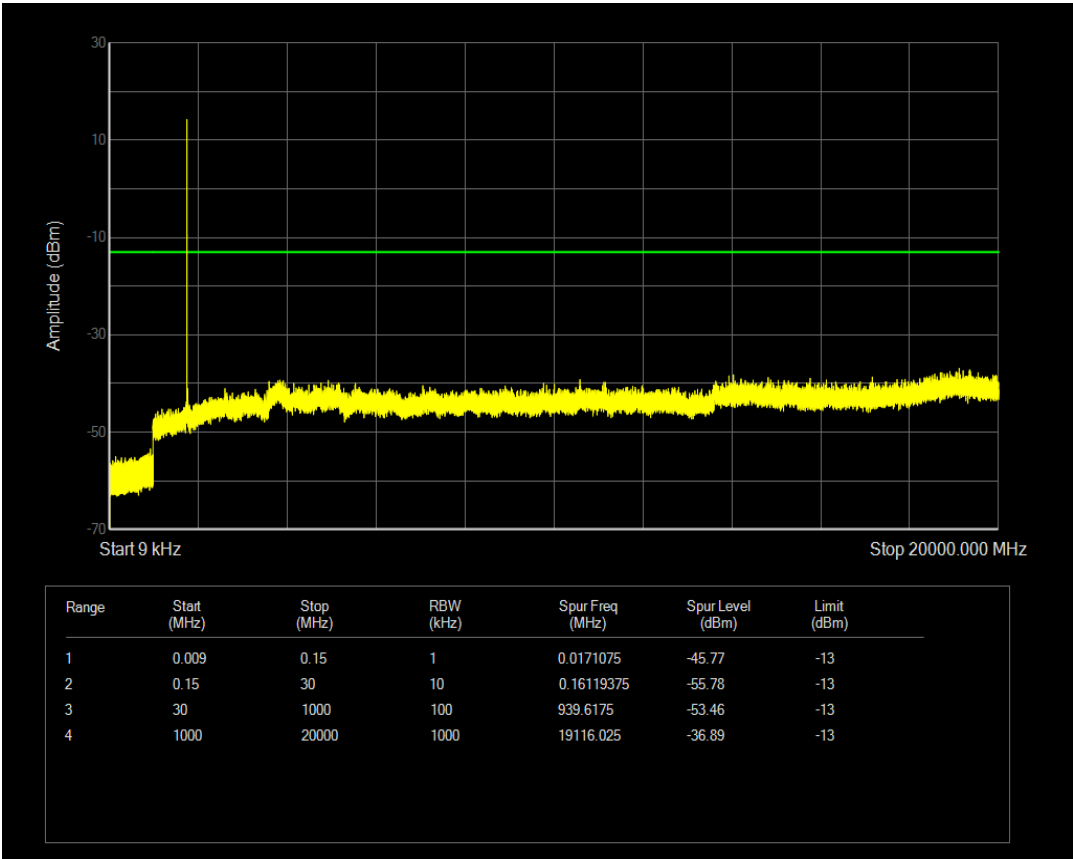
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@215



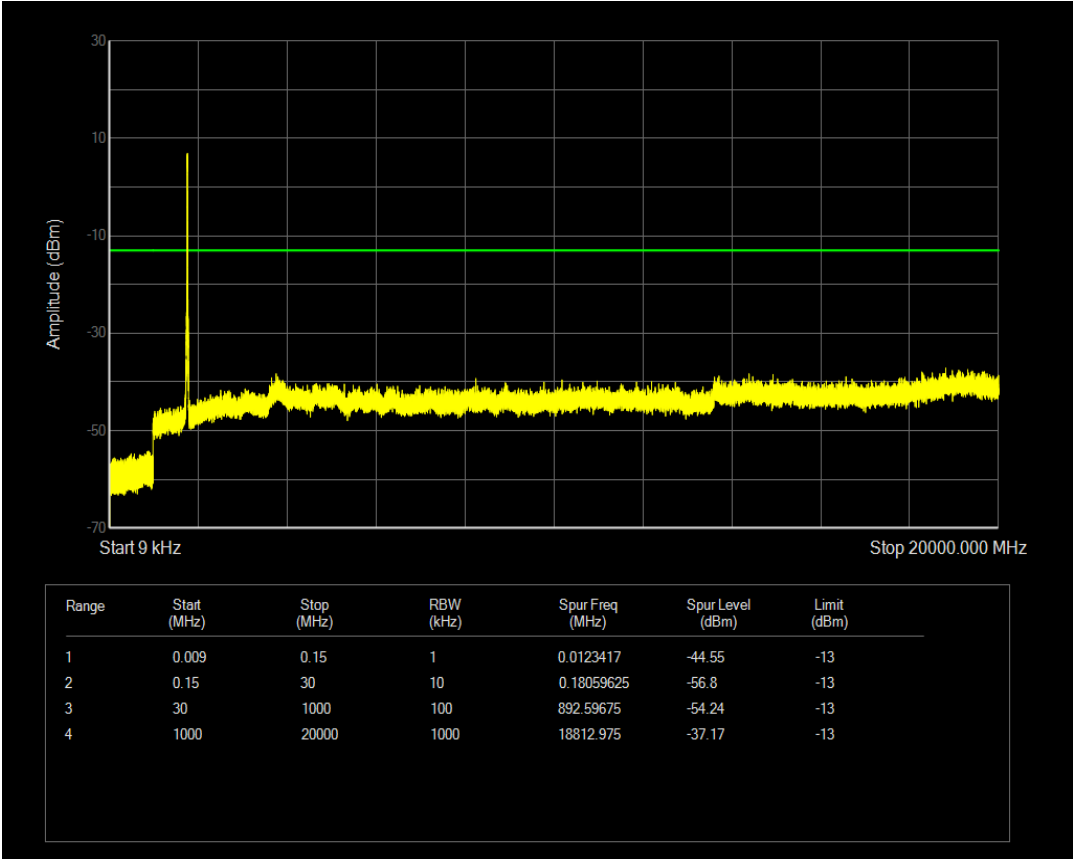
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



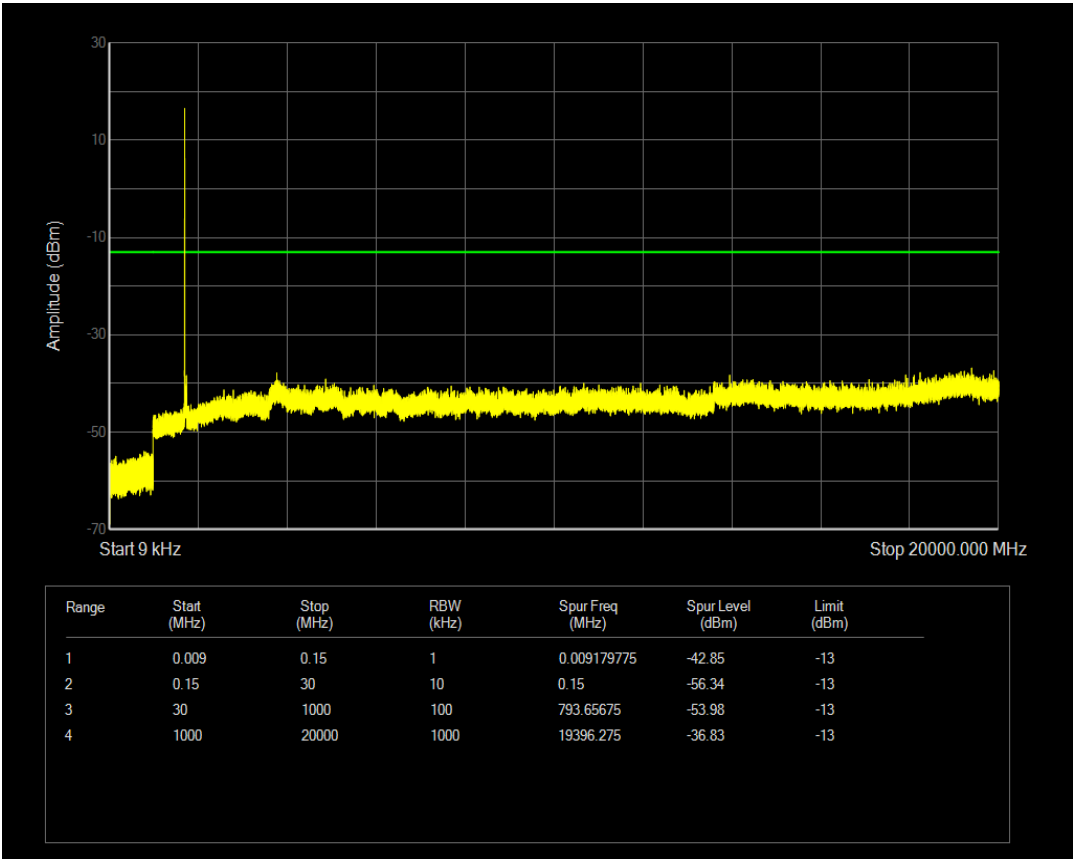
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



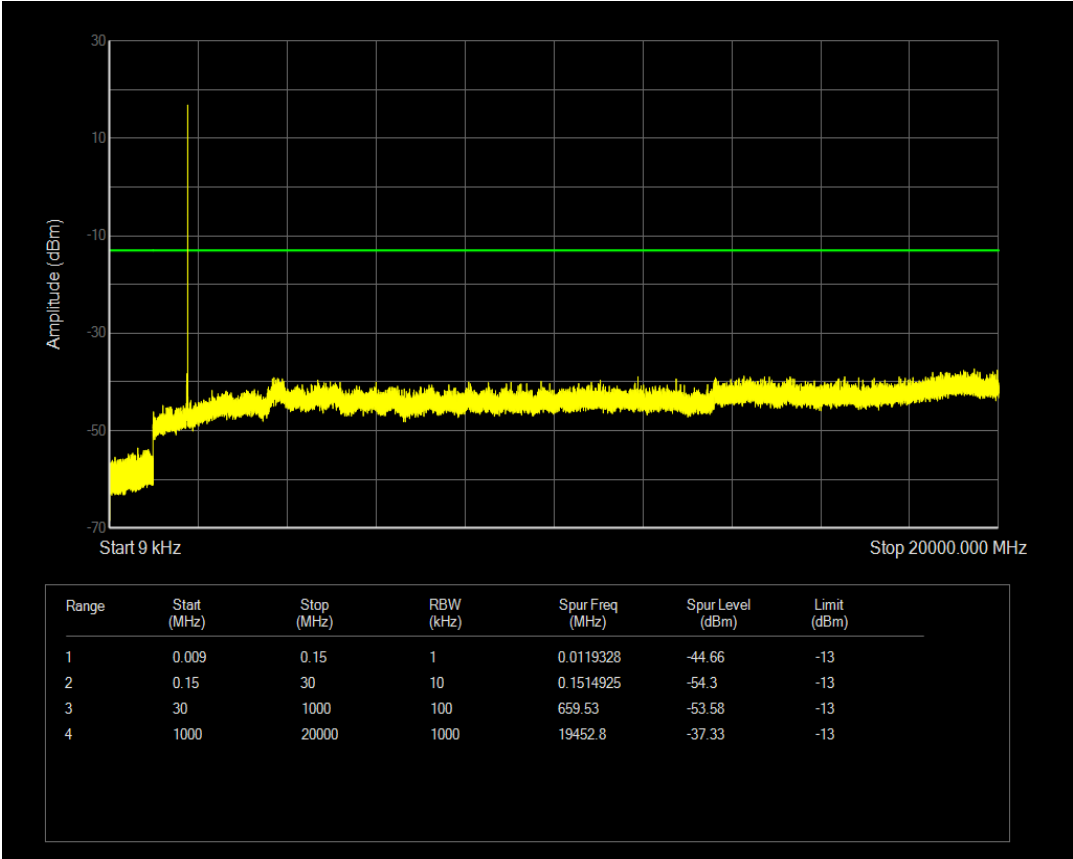
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=106@0



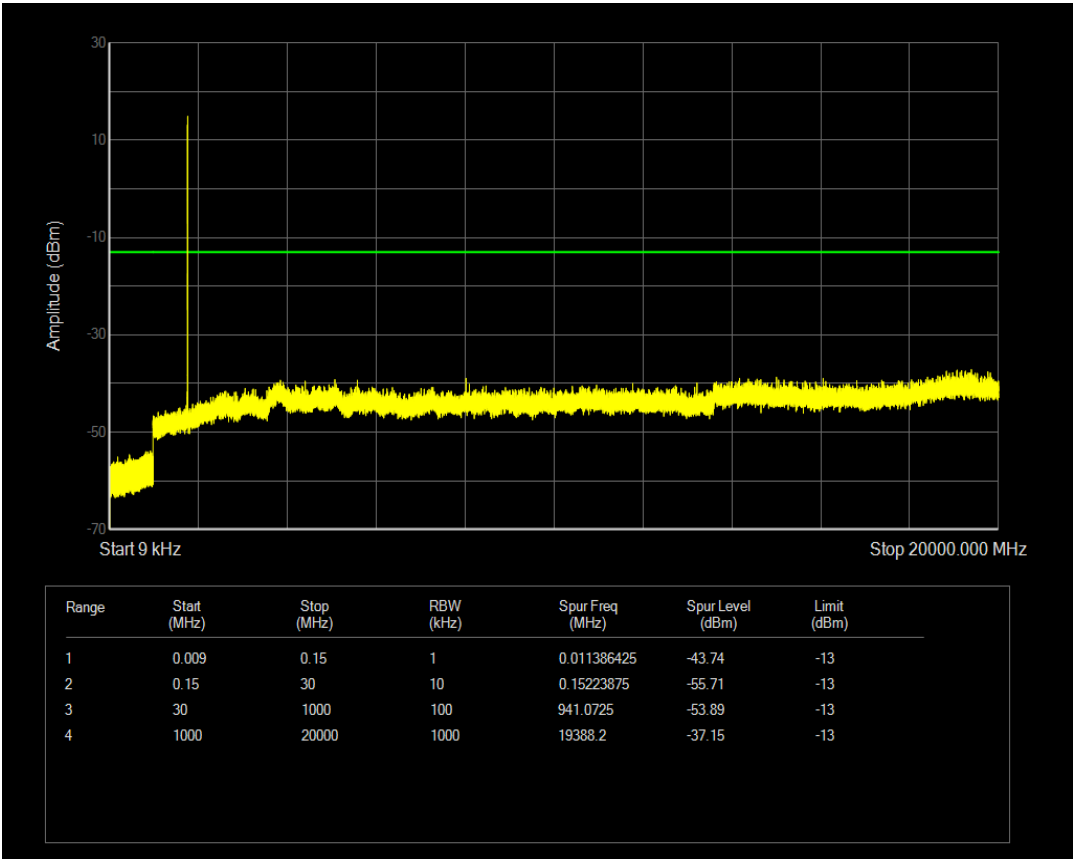
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



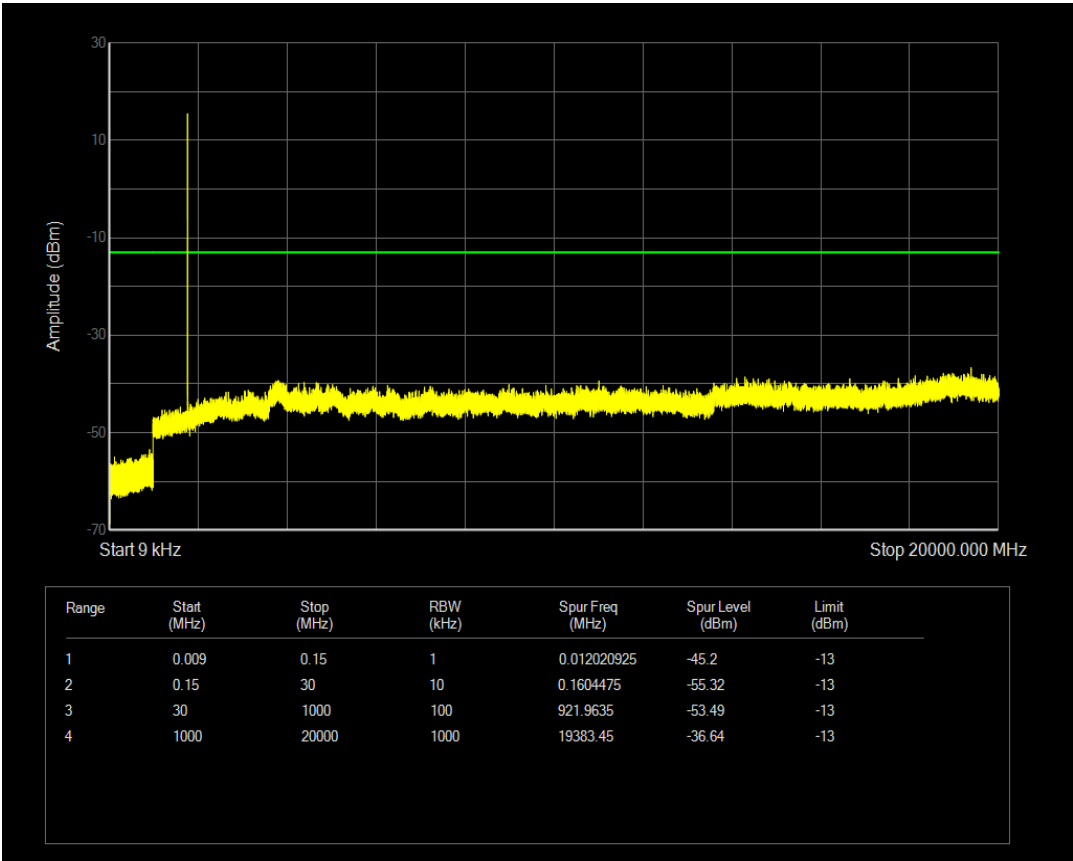
n66 SCS=15kHz CP_QPSK BW=20MHz Channel=354000 RB=1@105



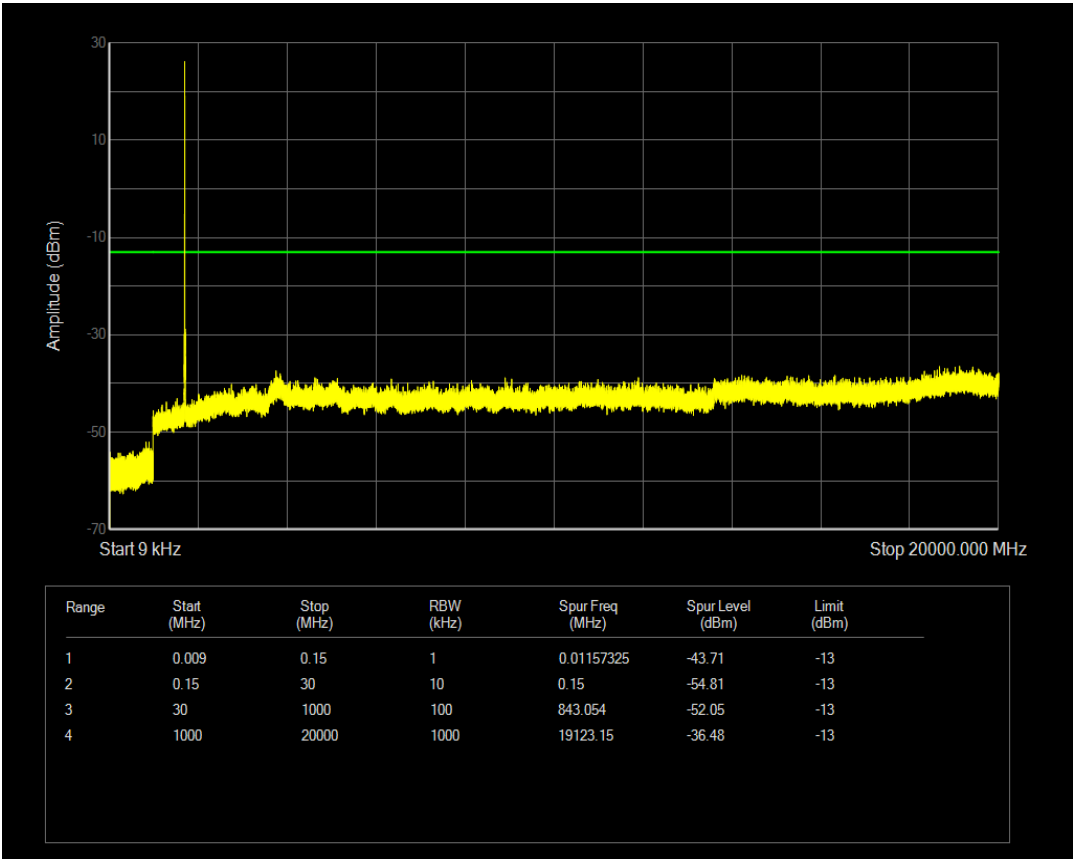
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@24



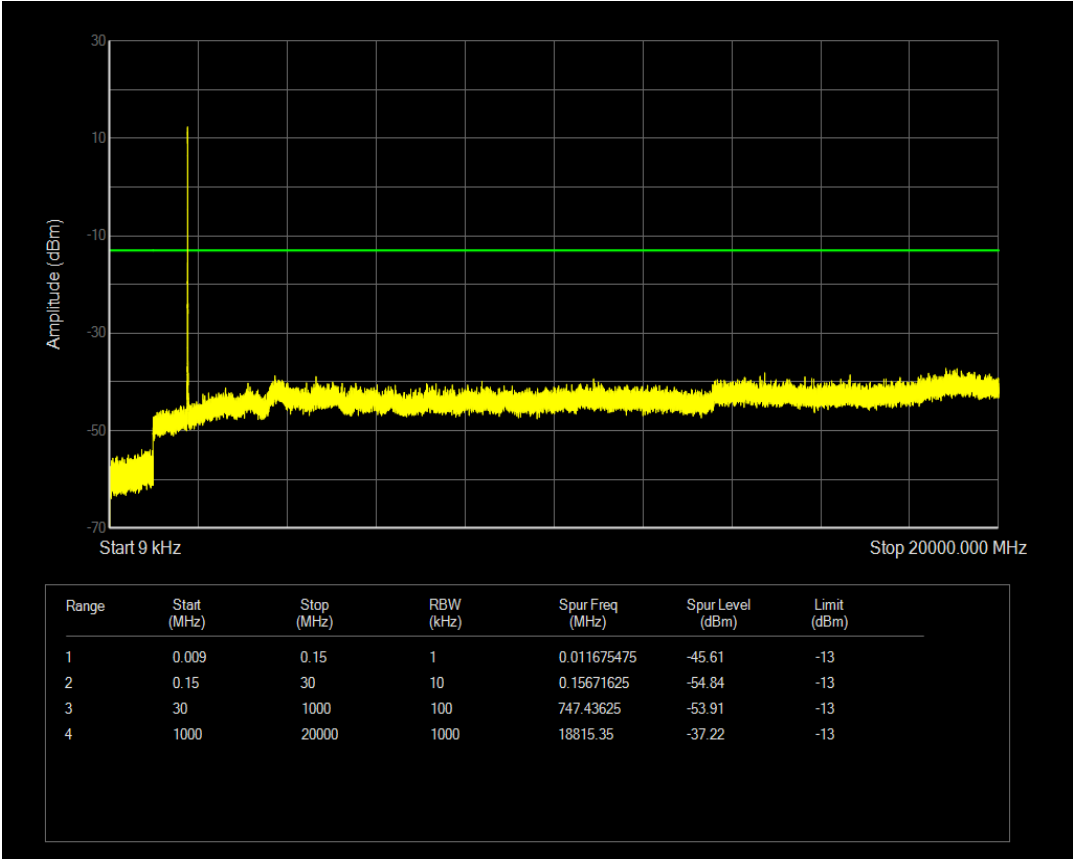
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@0



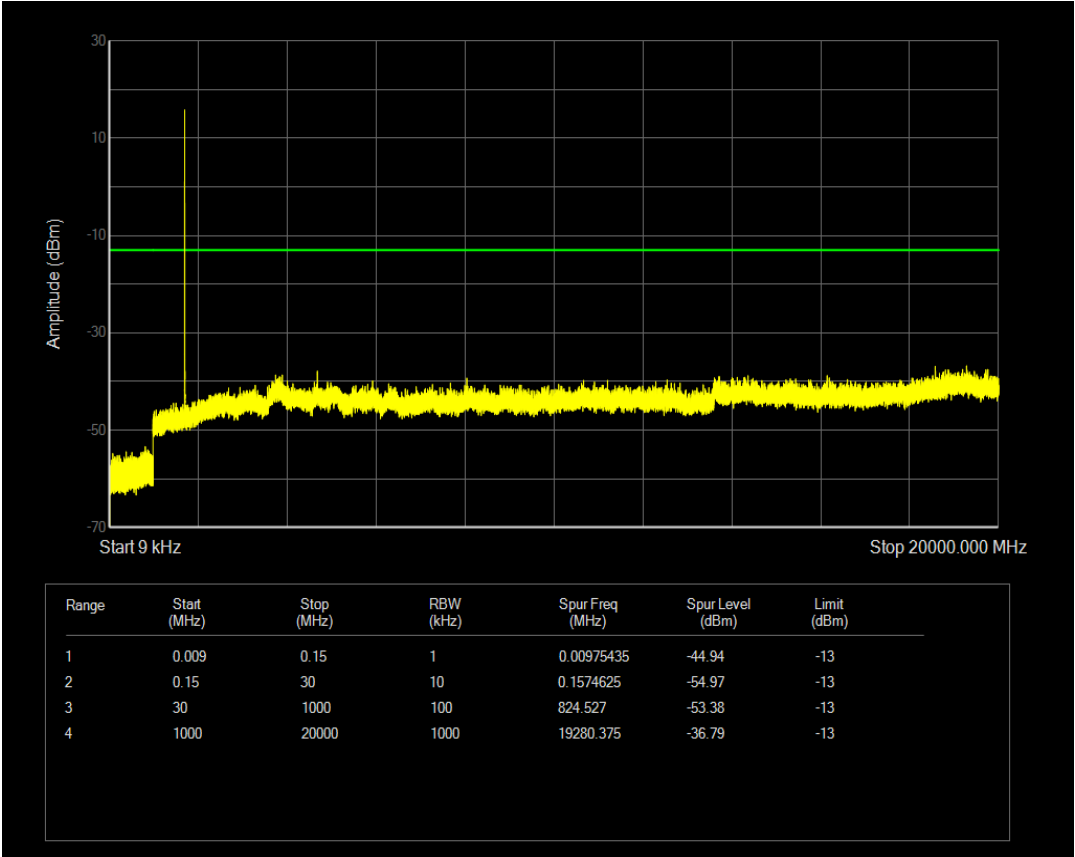
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@0



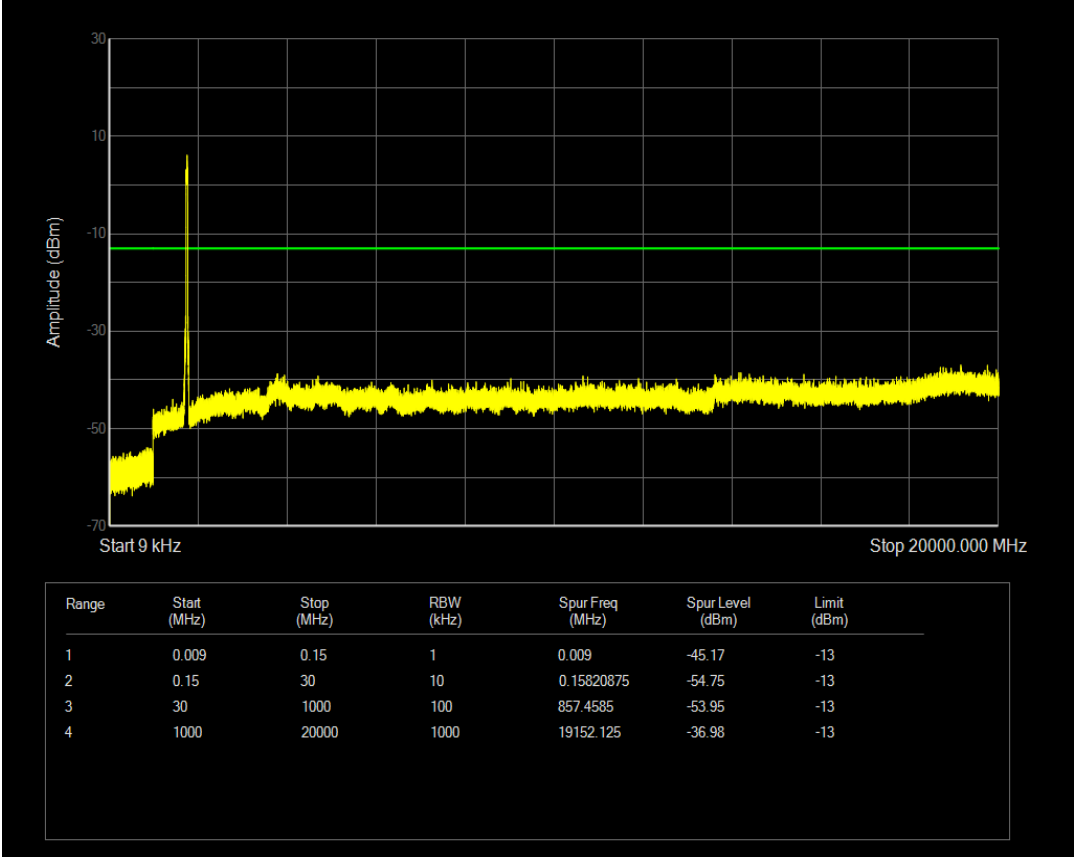
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=25@0



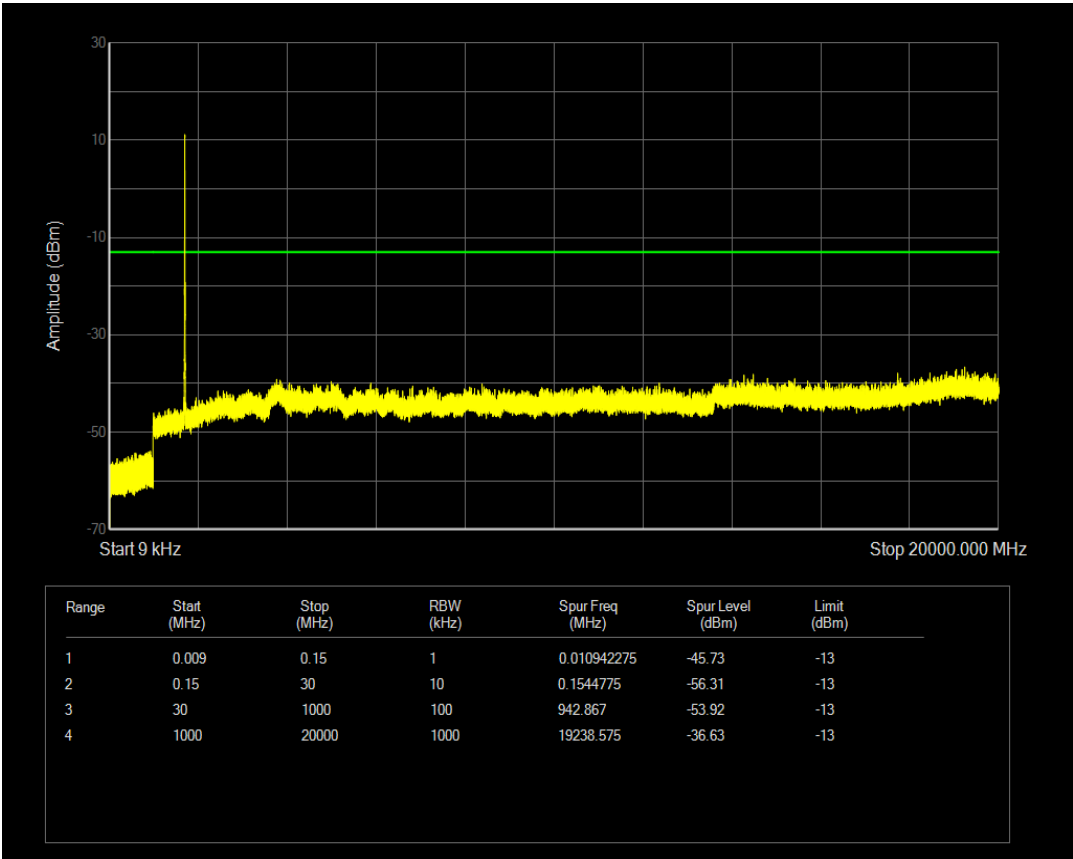
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@0



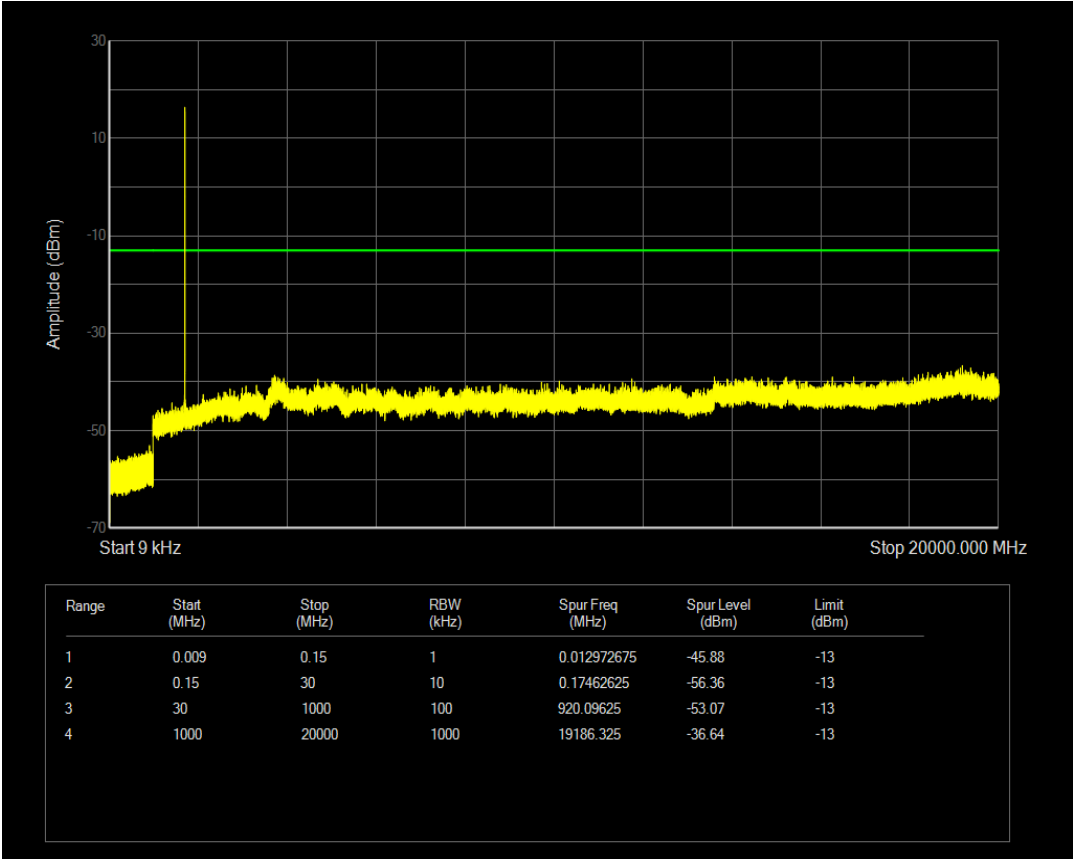
n66 SCS=15kHz CP_QPSK BW=40MHz Channel=352000 RB=216@0



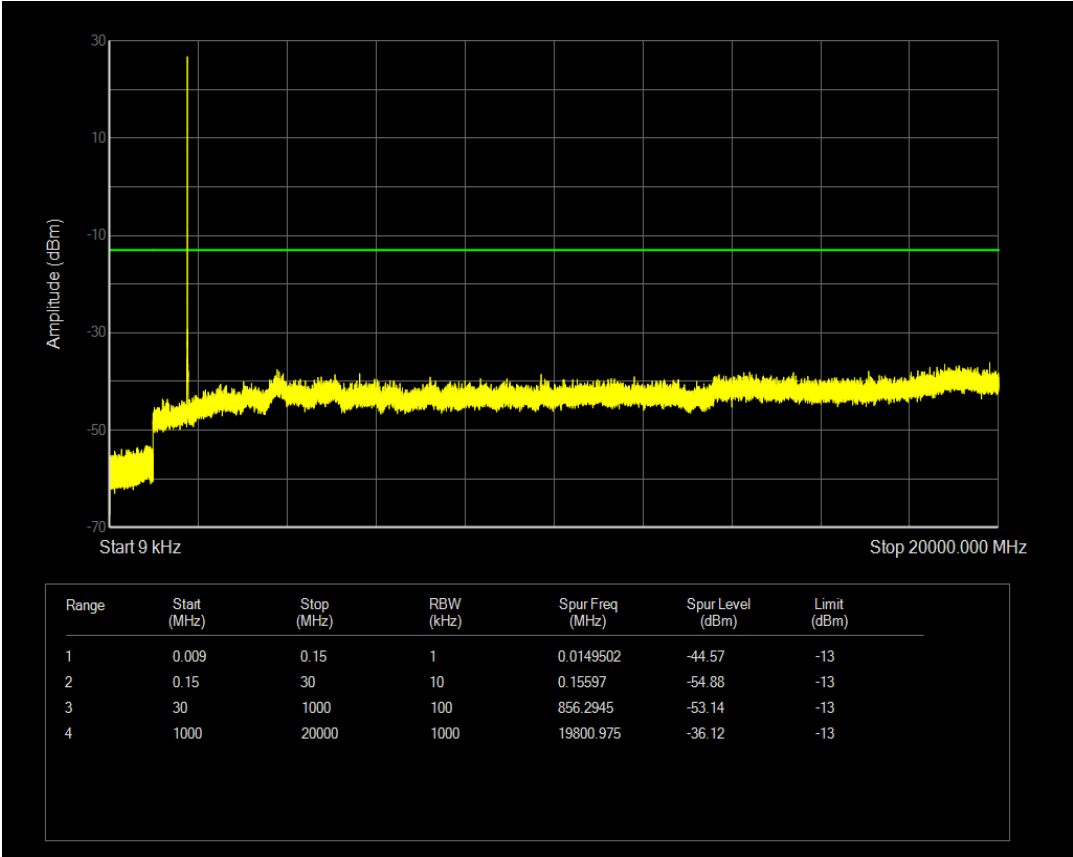
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=25@0



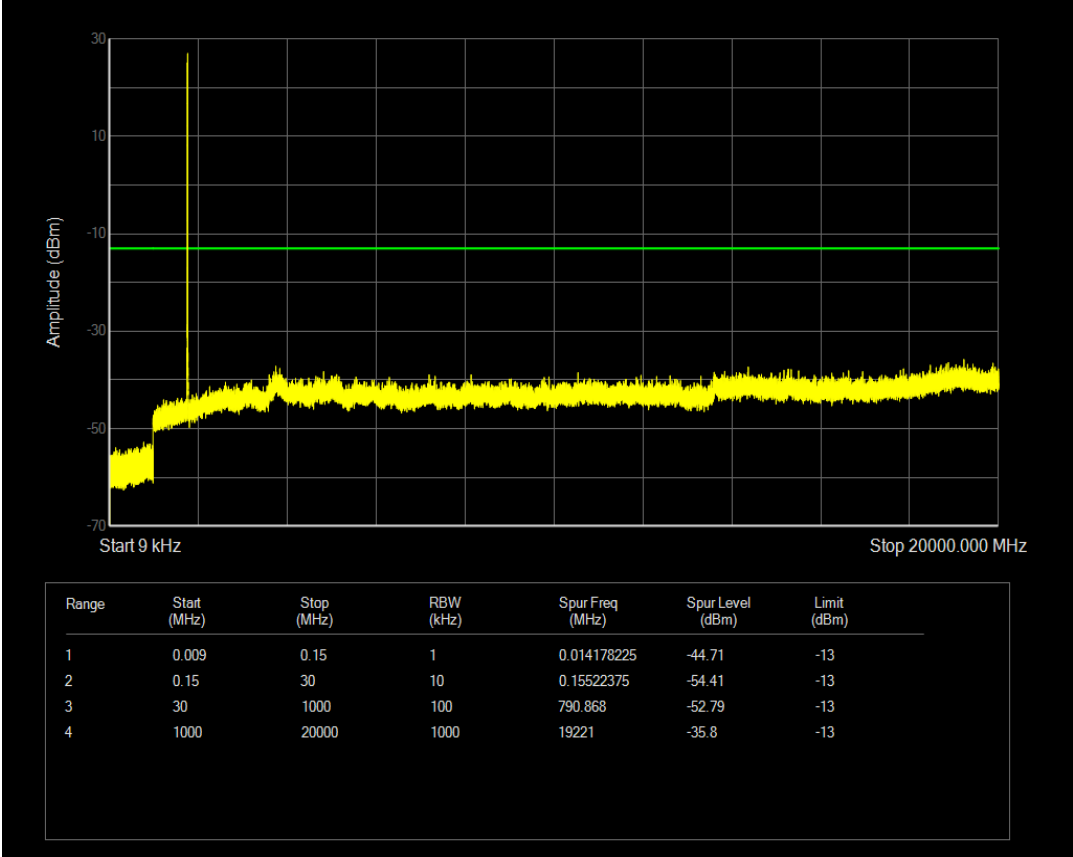
n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1@24



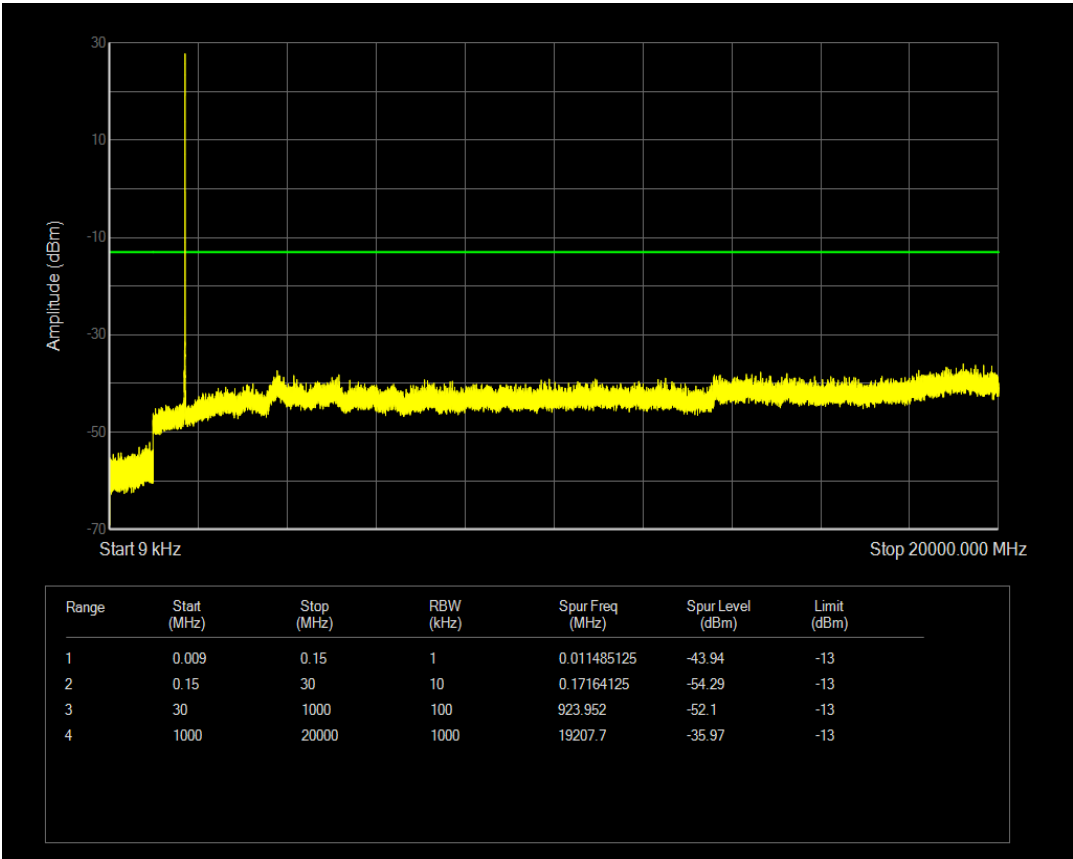
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@0



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



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



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

