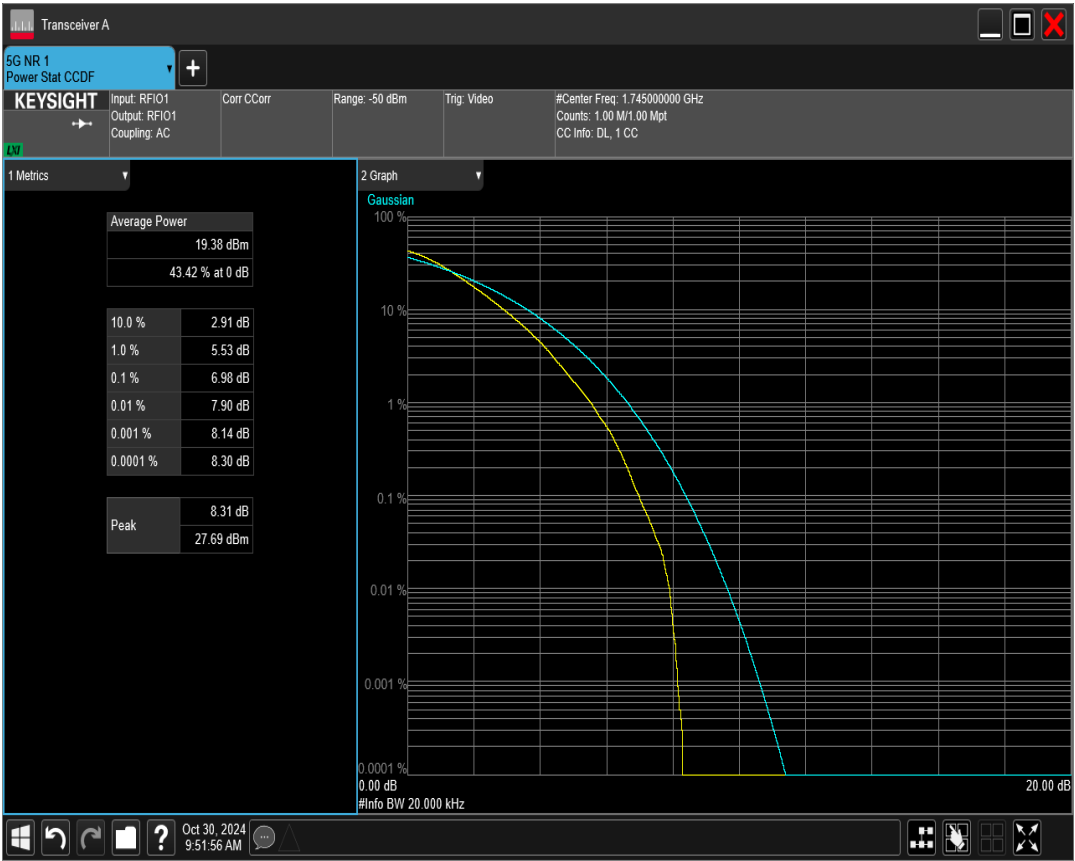
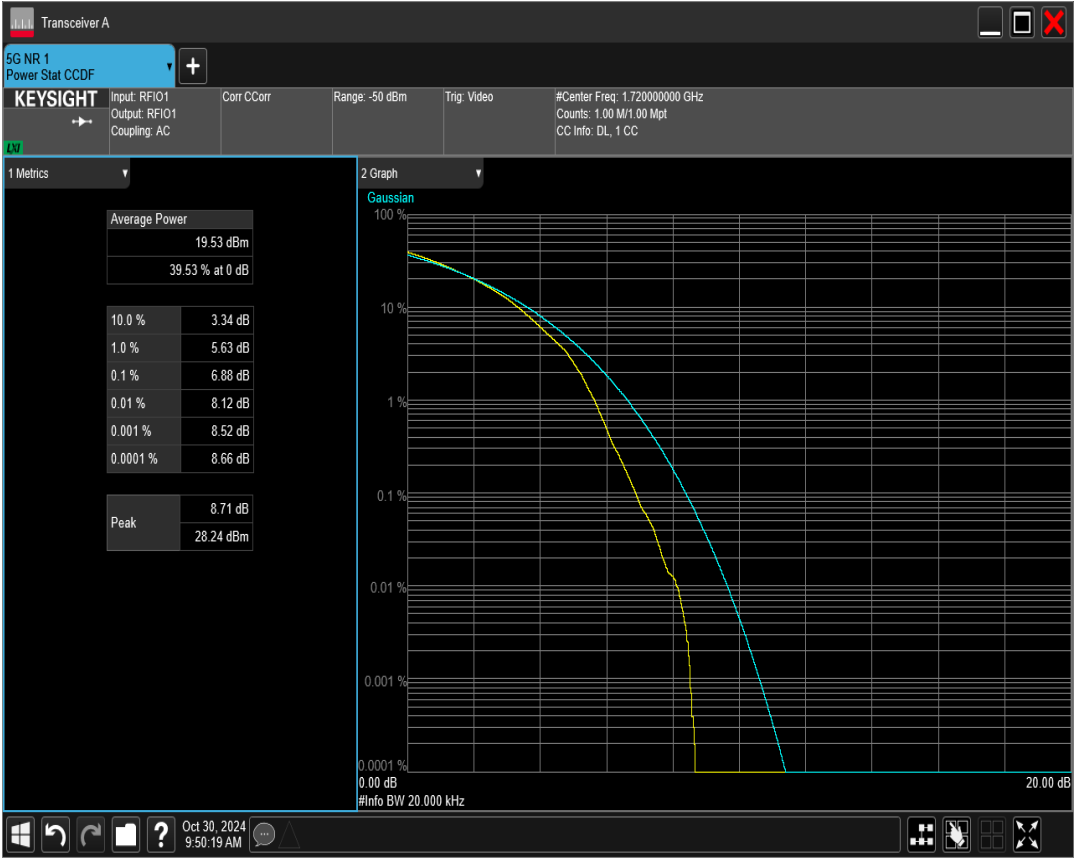
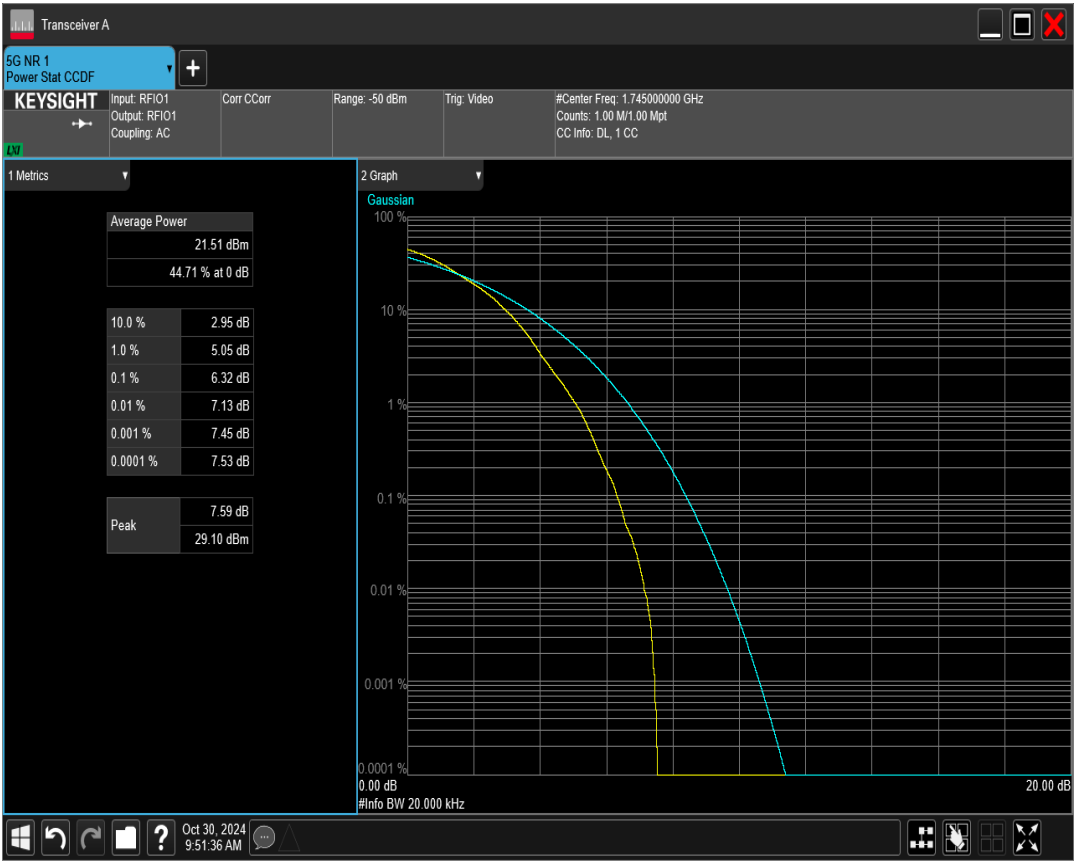




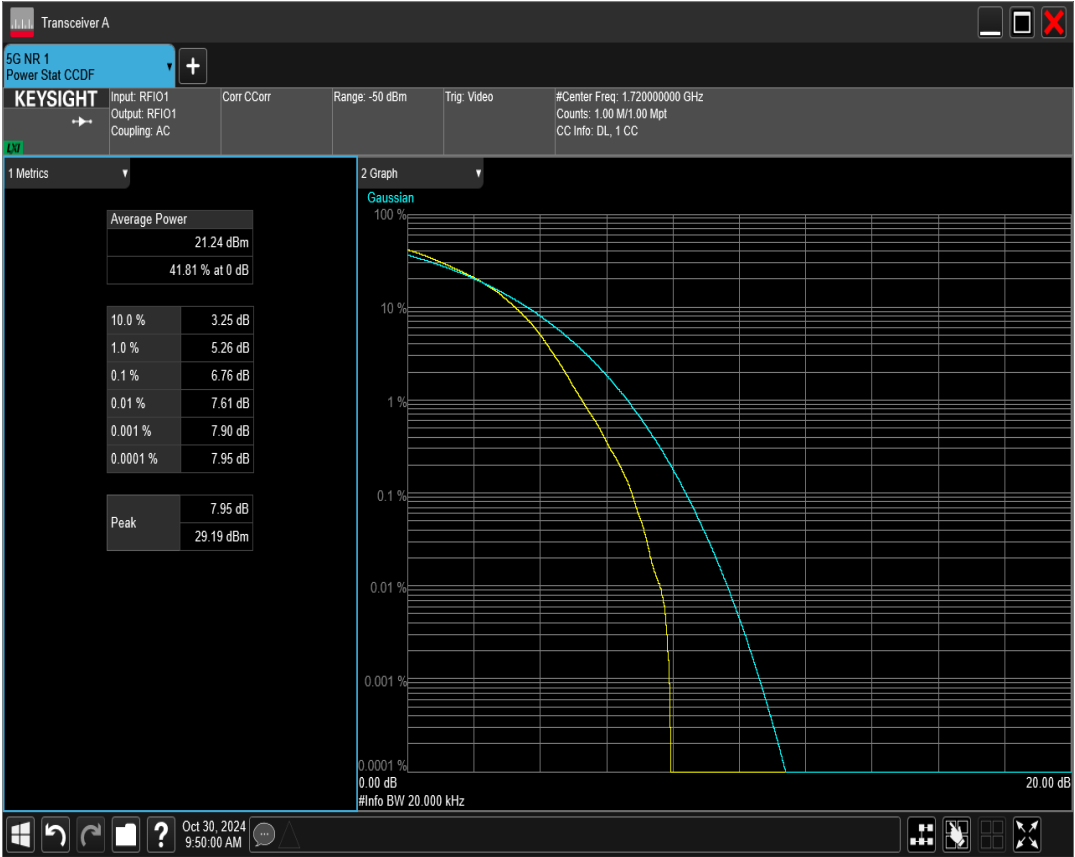
n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=344000 RB=50@0



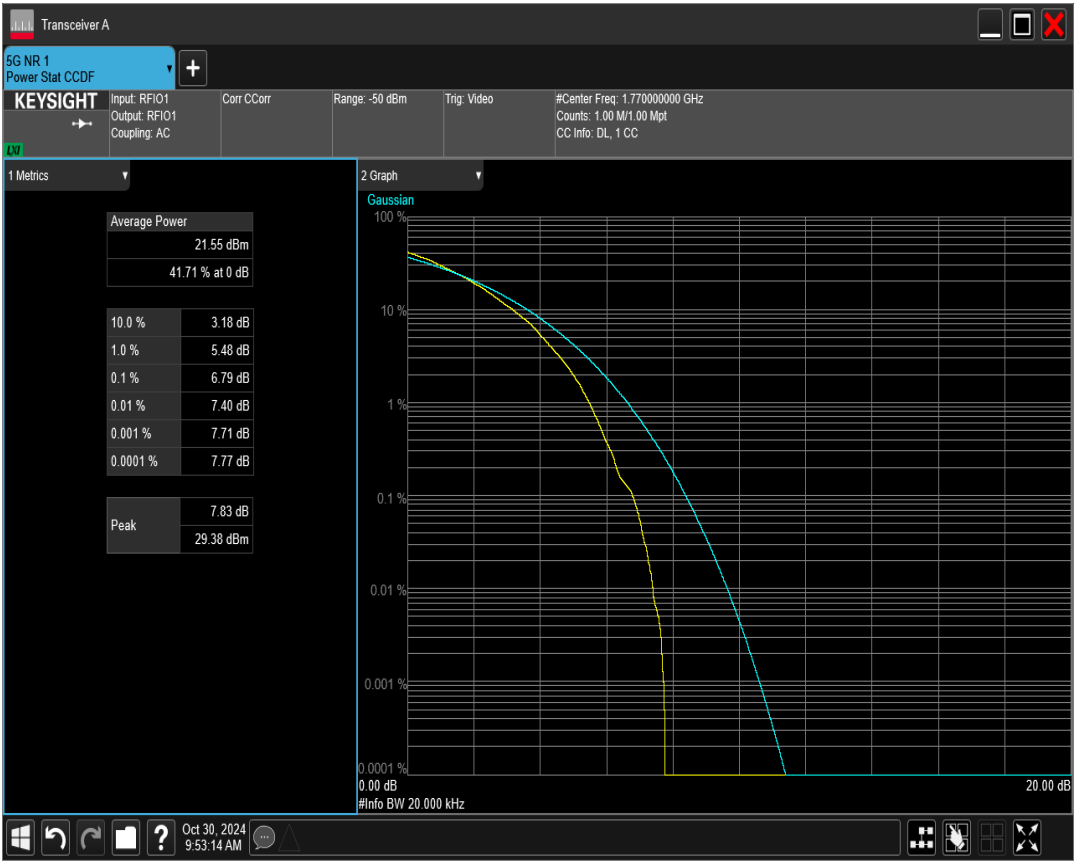
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=349000 RB=50@0



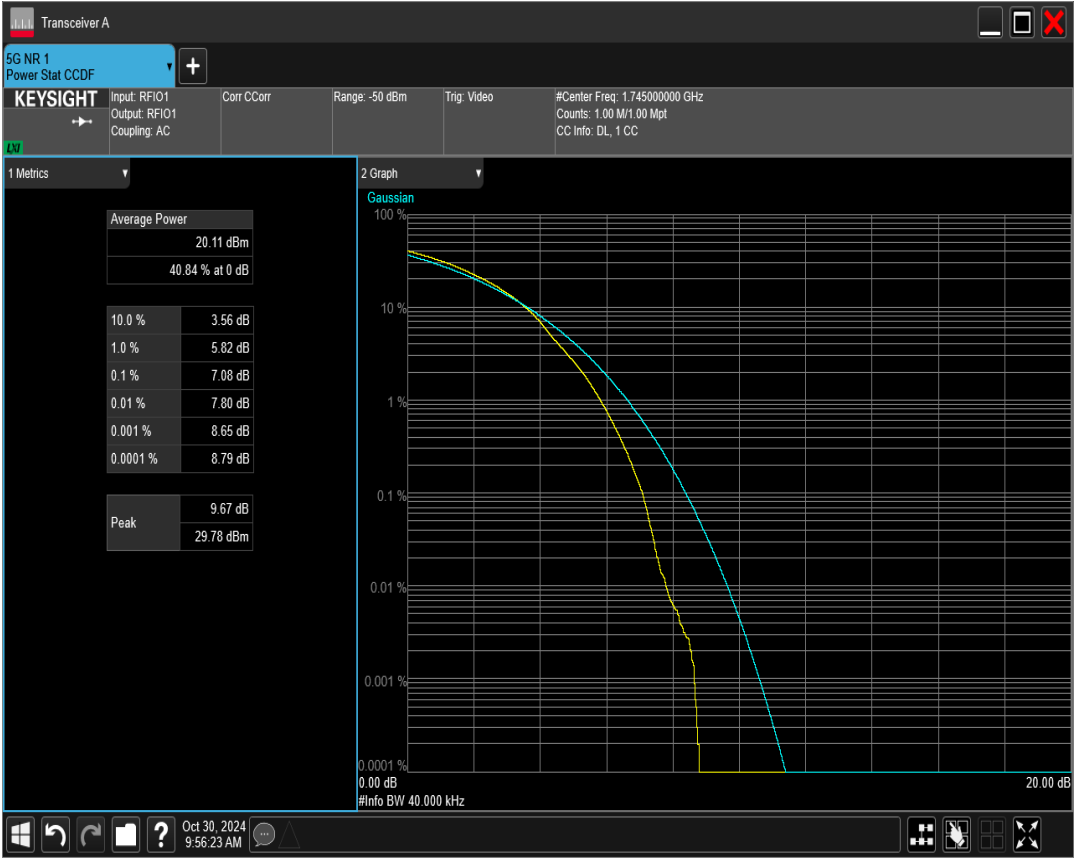
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=344000 RB=50@0



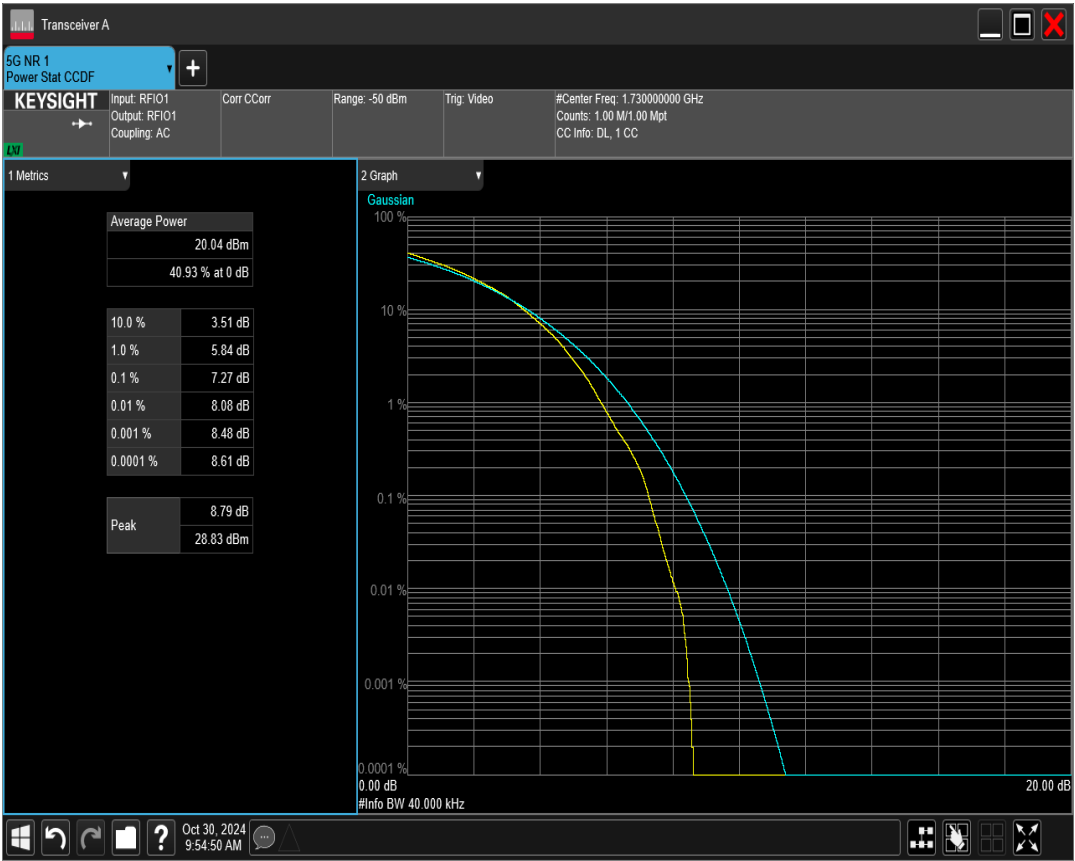
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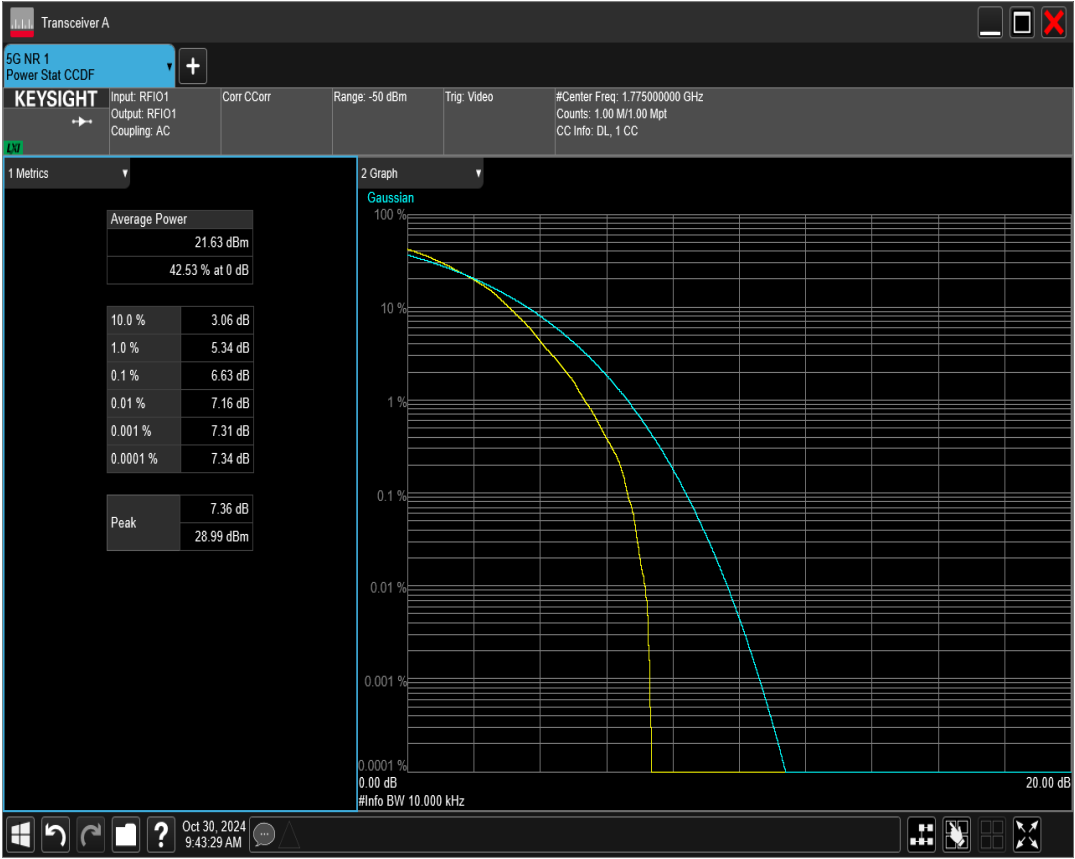
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=349000 RB=100@0



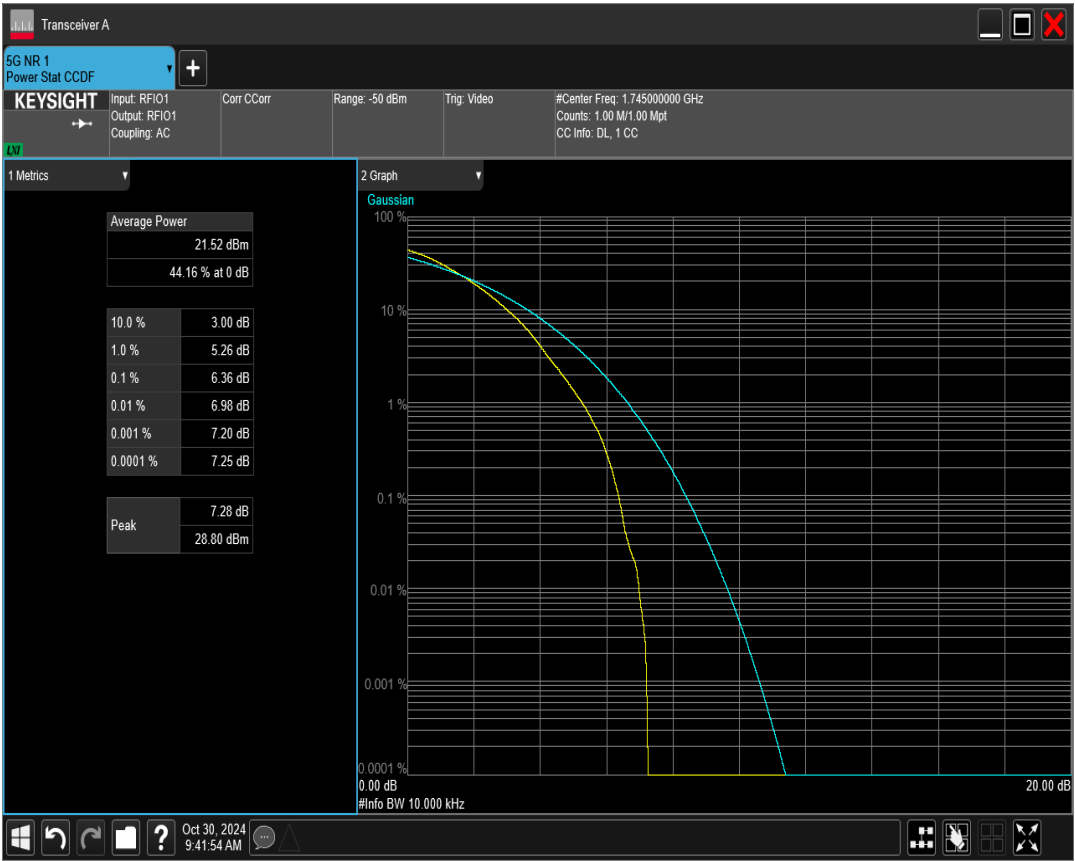
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=346000 RB=100@0



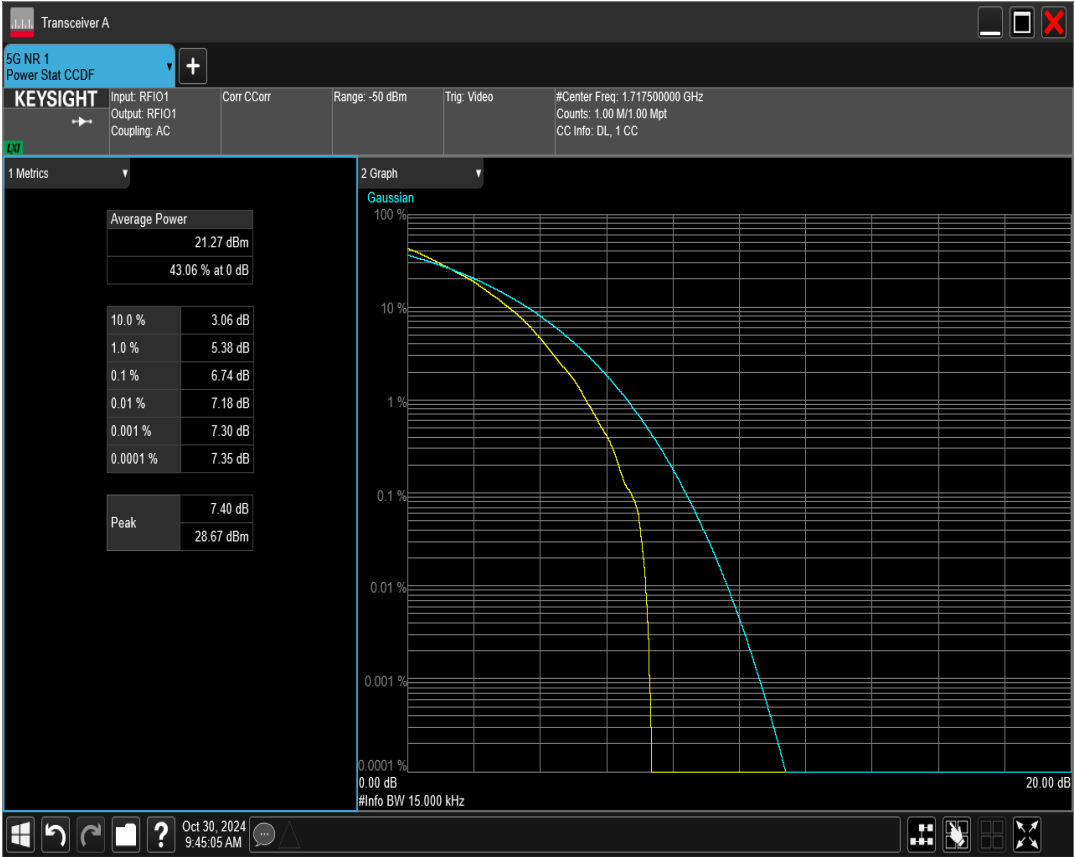
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=355000 RB=24@0



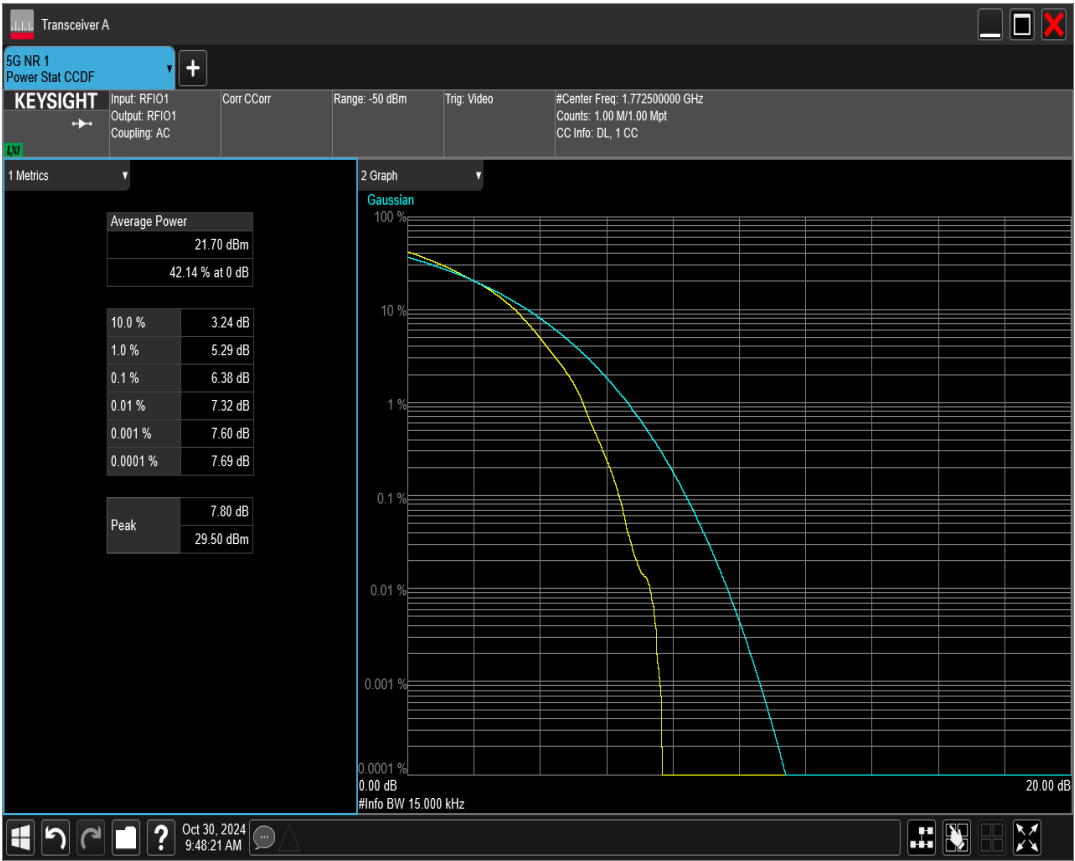
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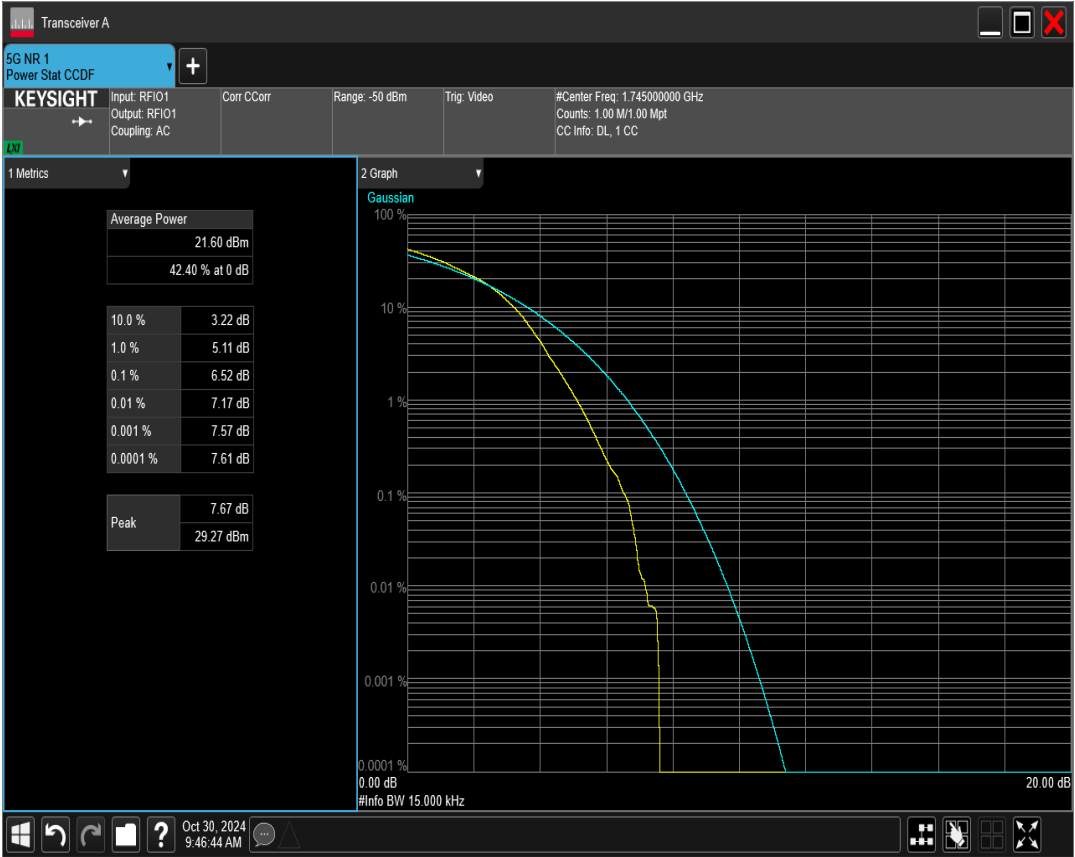
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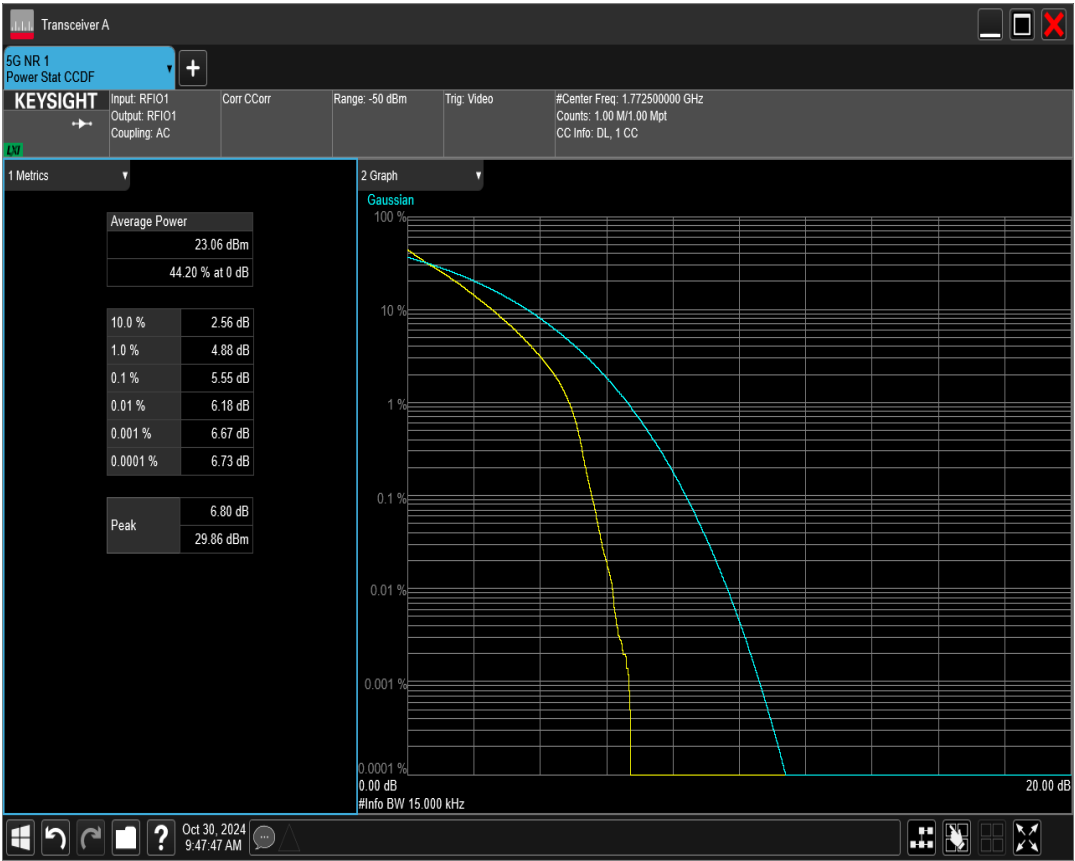
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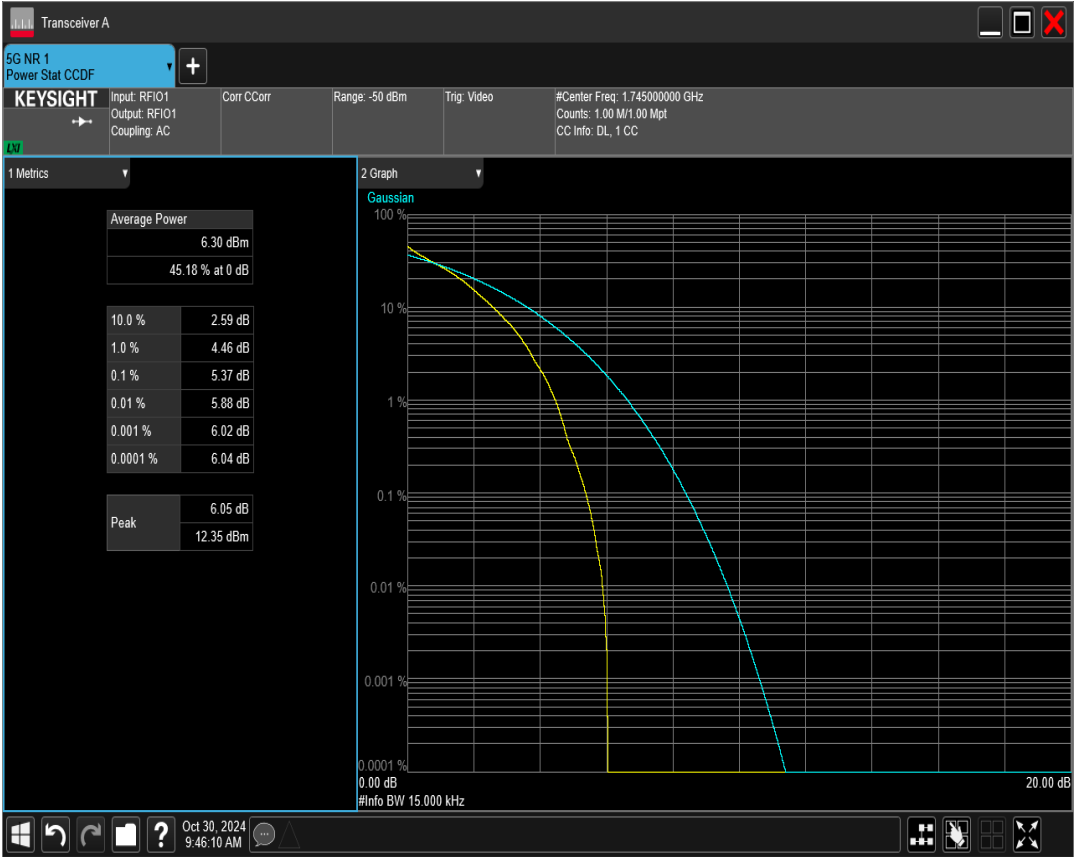
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=349000 RB=36@0



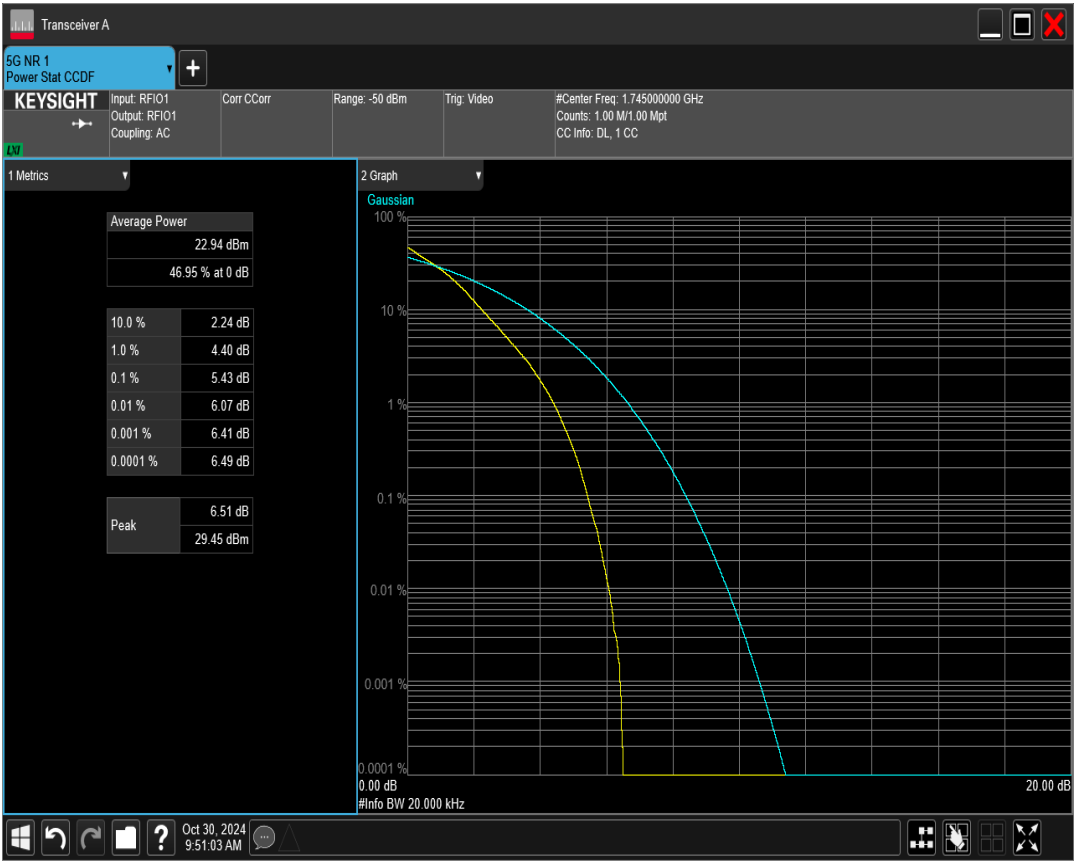
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=354500 RB=36@0



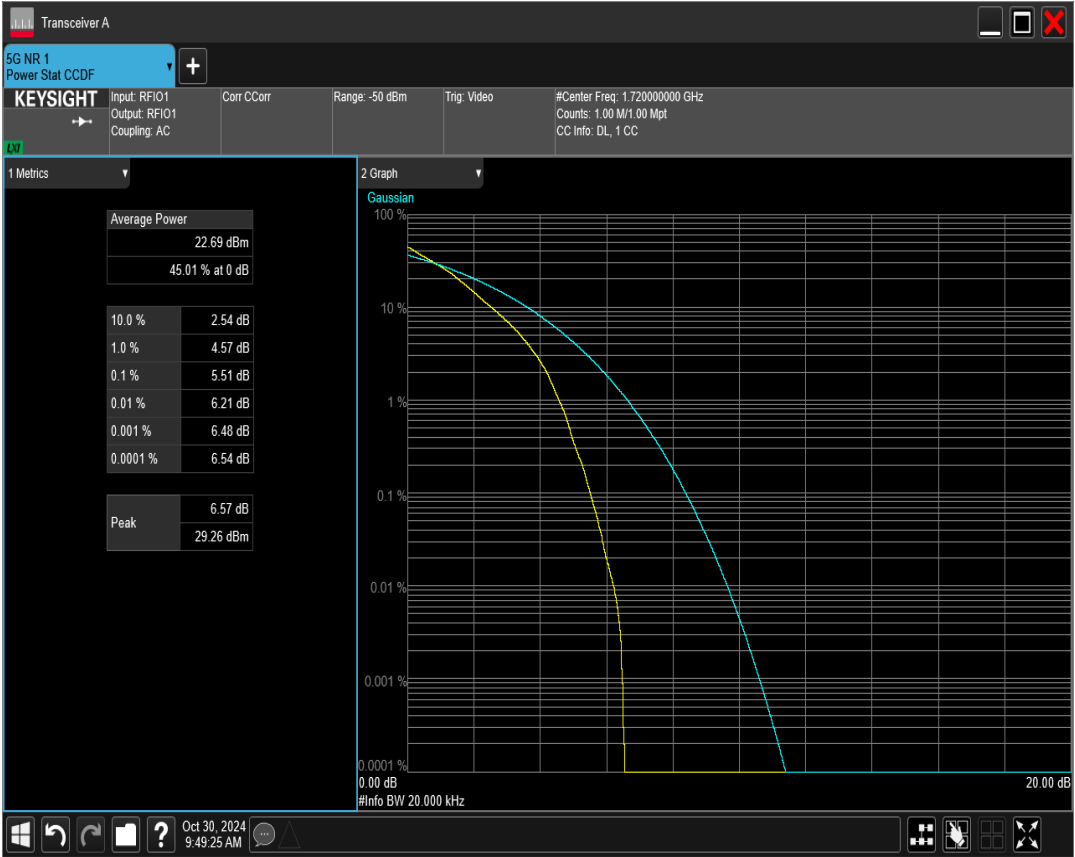
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=349000 RB=36@0



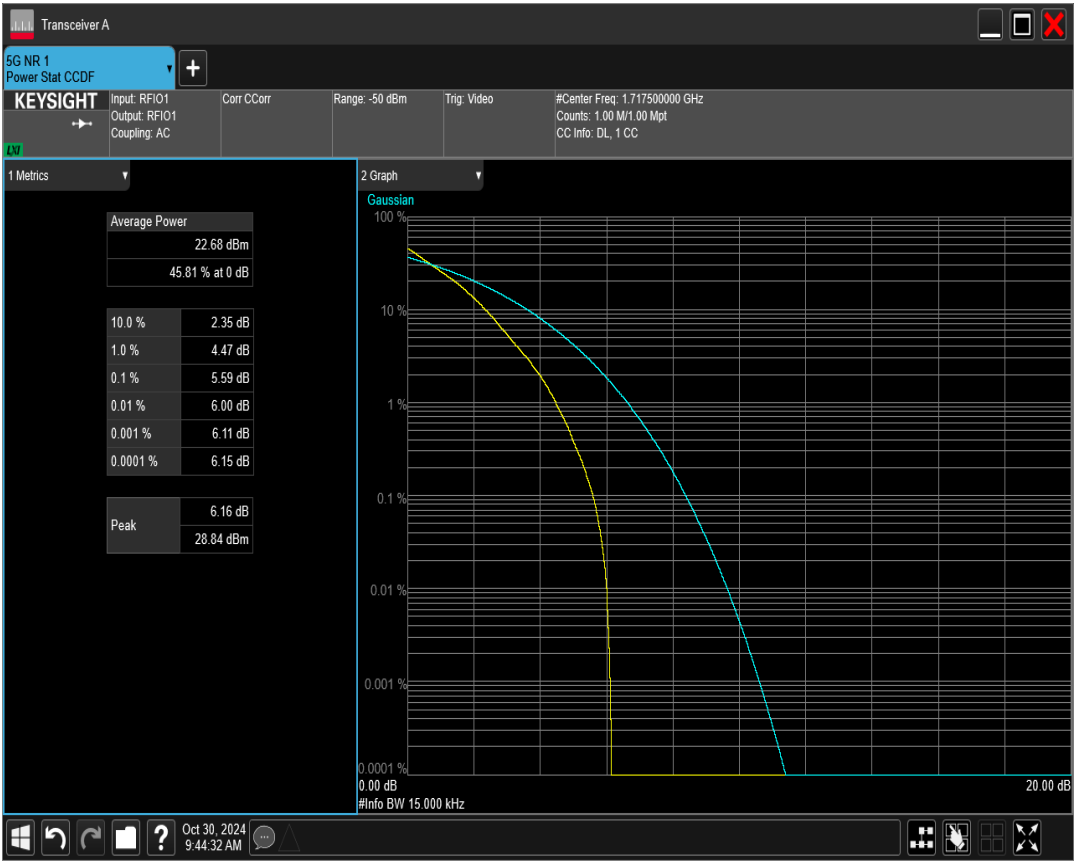
n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=349000 RB=50@0



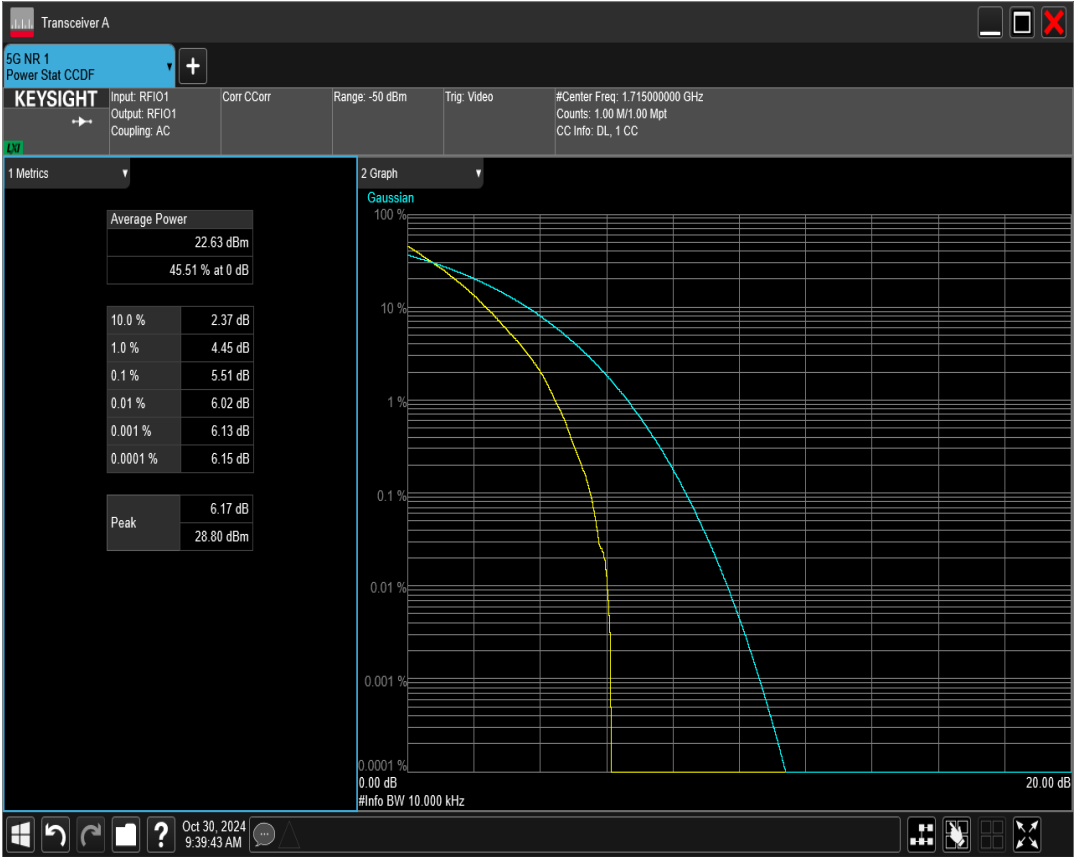
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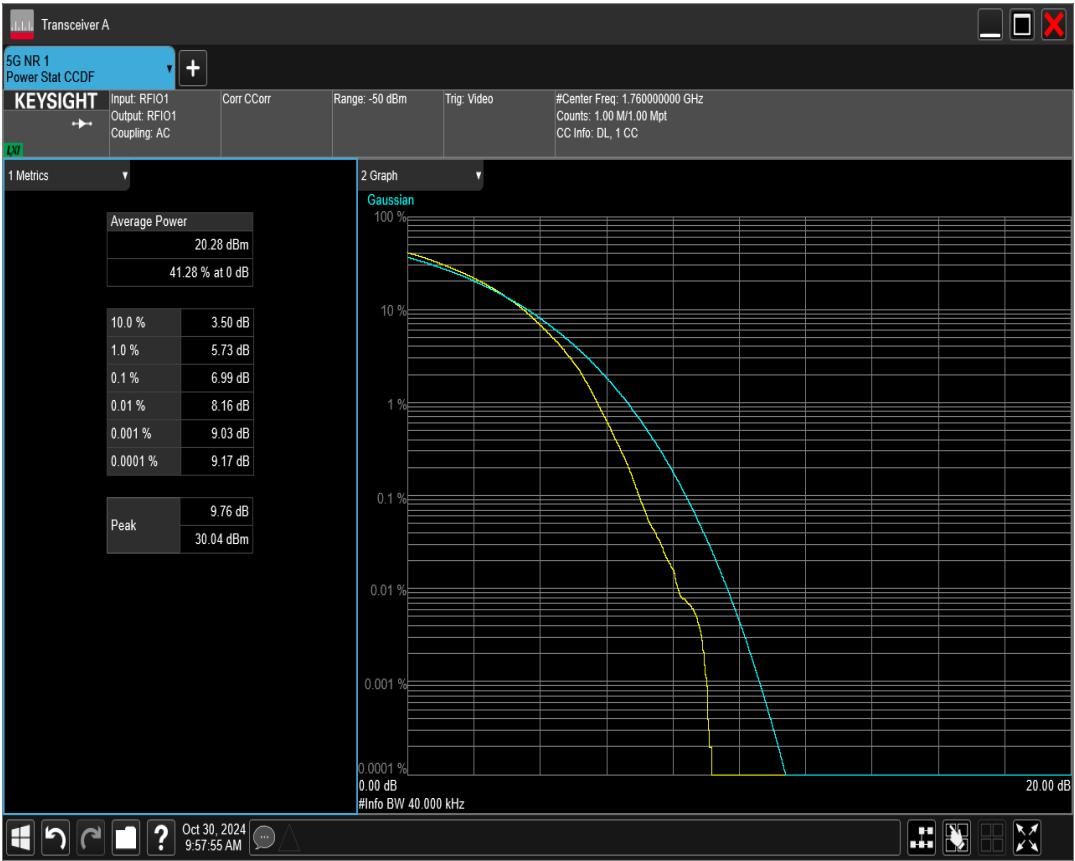
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=343500 RB=36@0



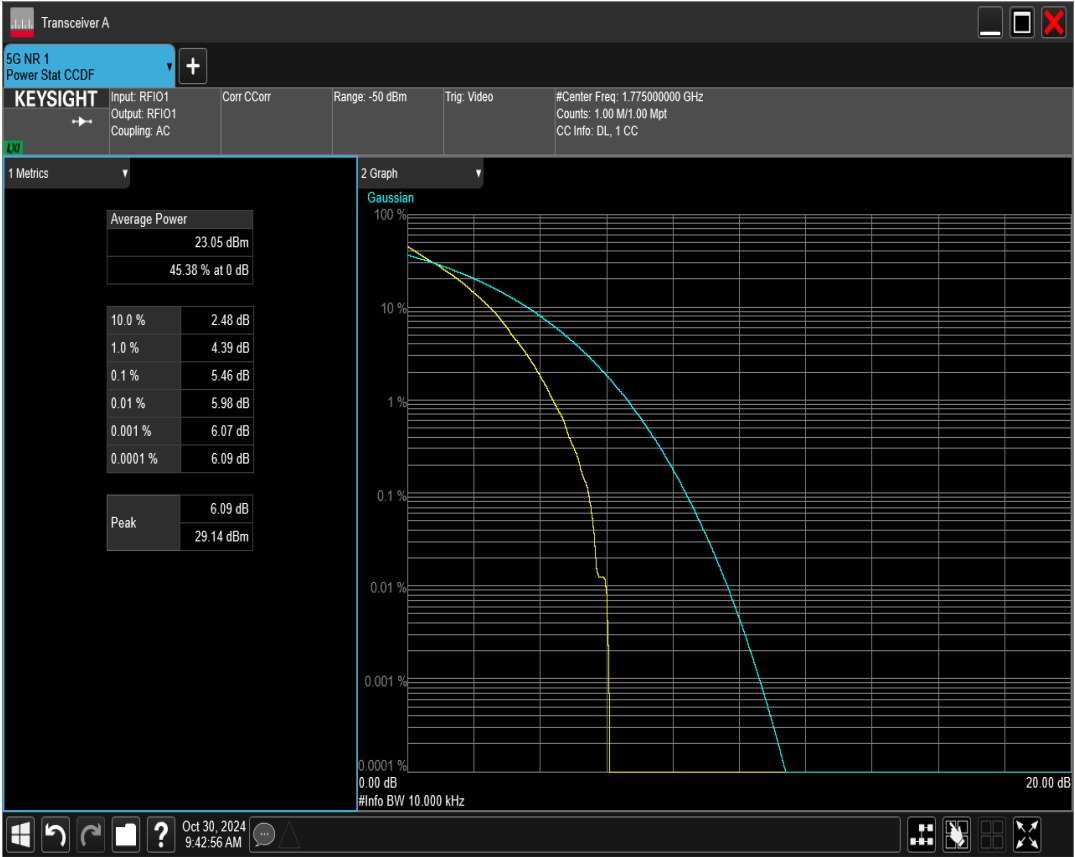
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=24@0



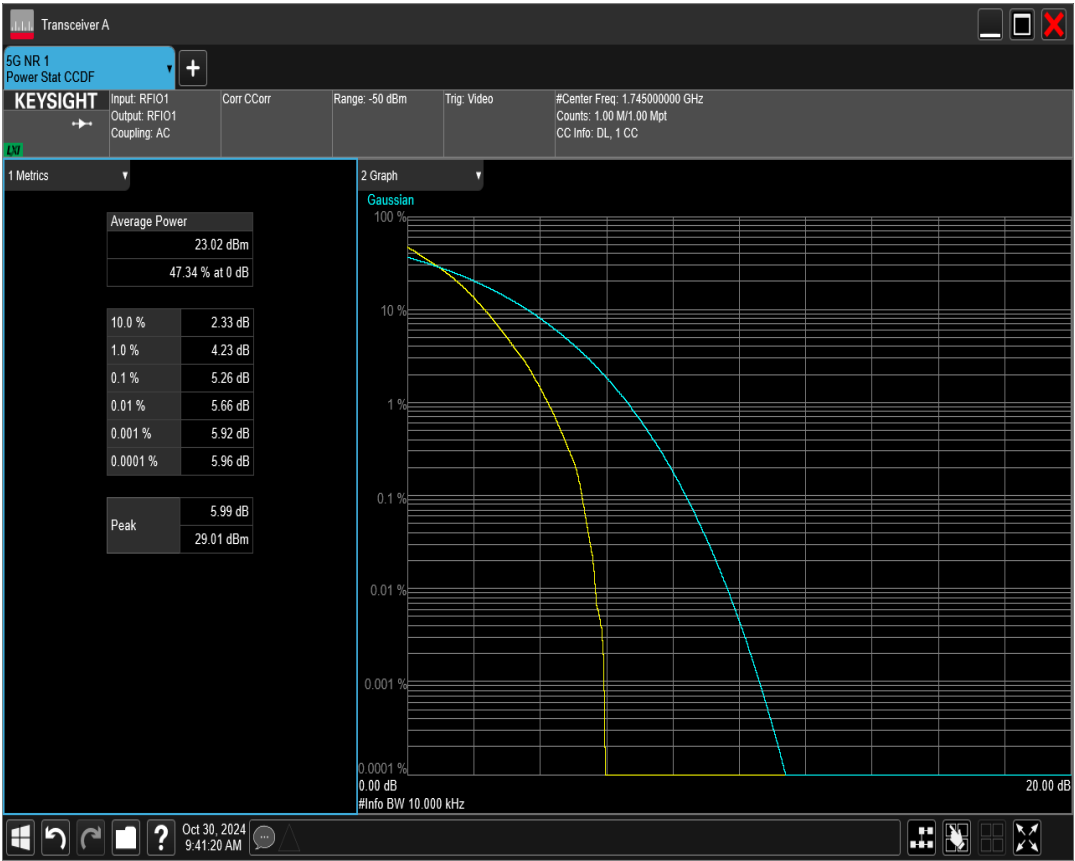
n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=352000 RB=100@0



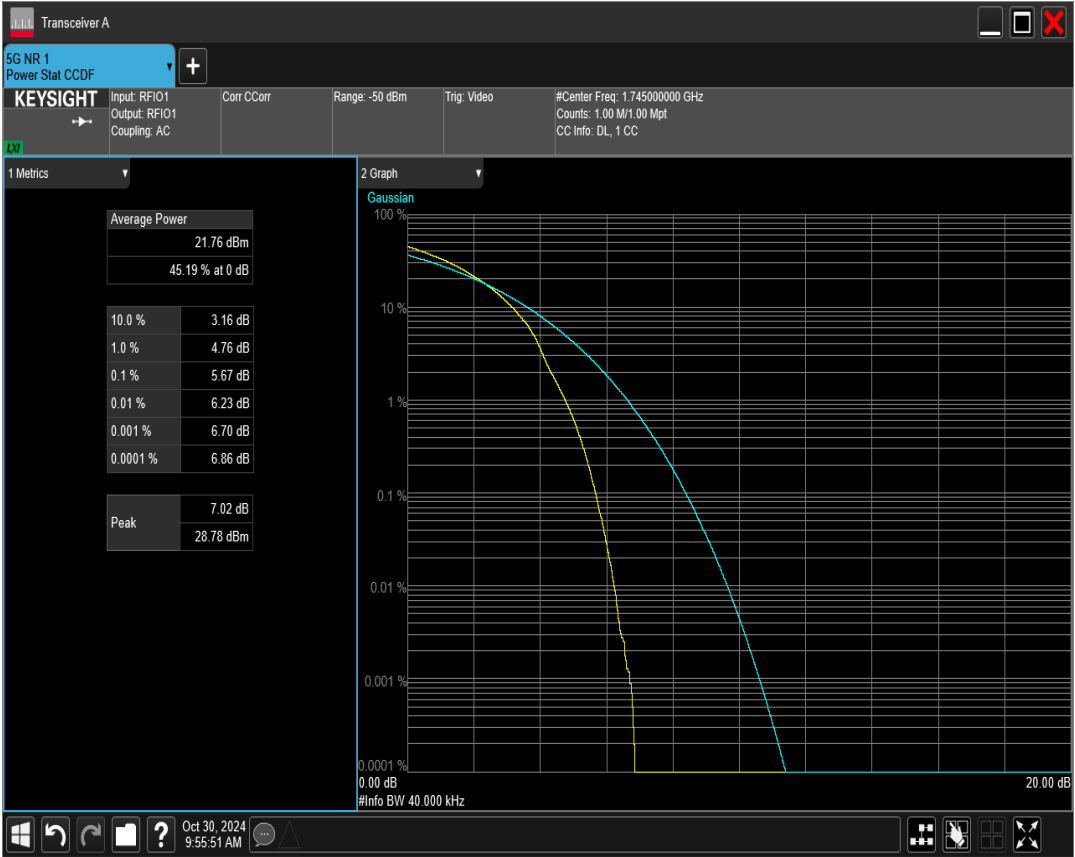
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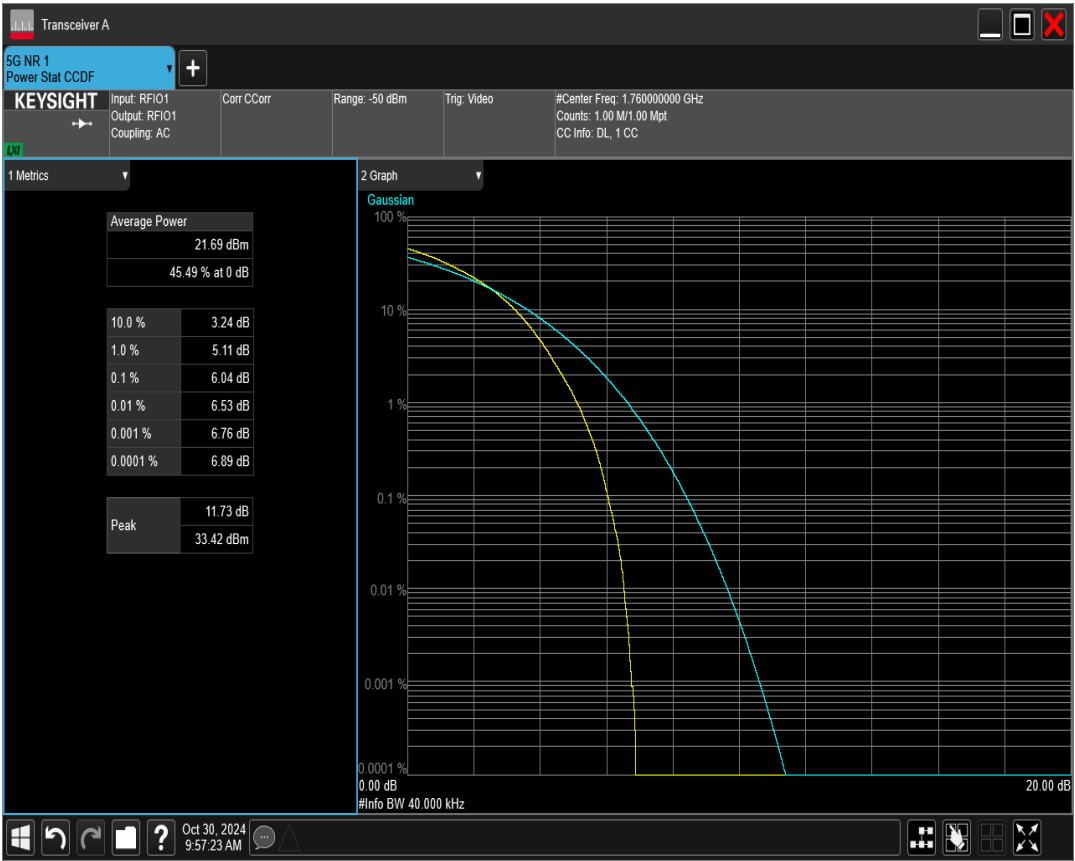
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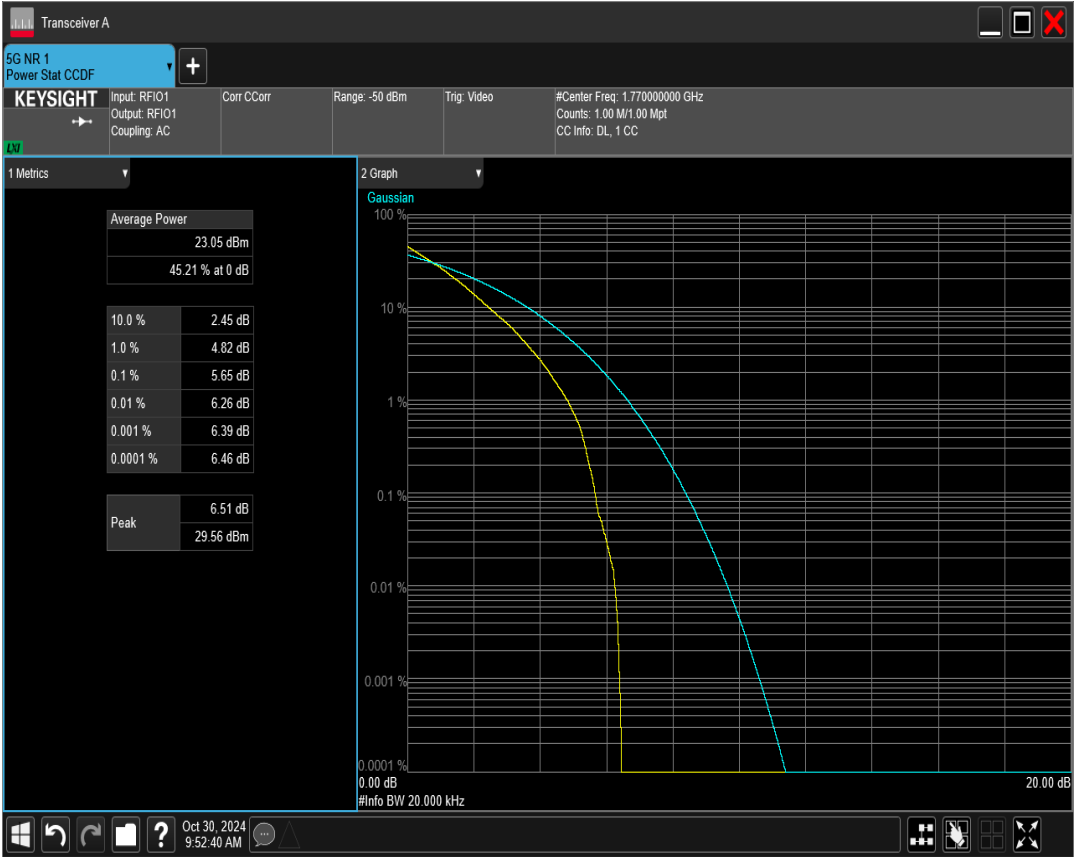
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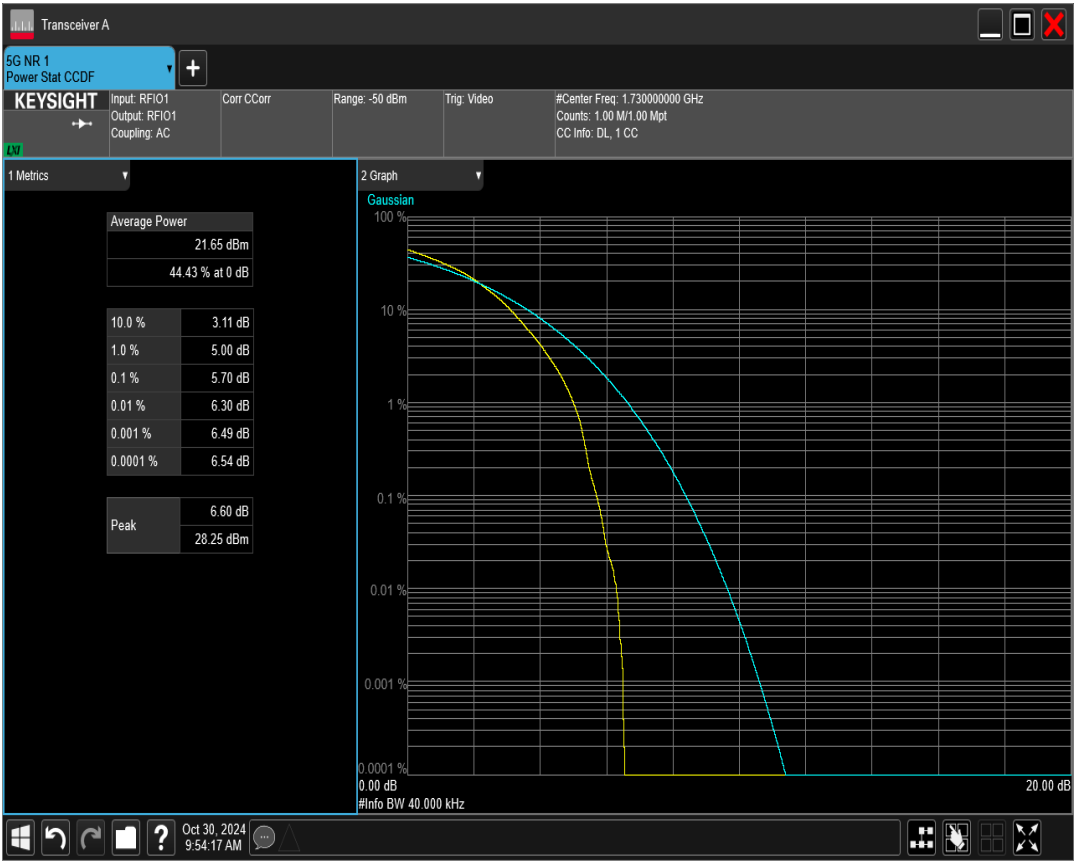
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=100@0



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 EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n66	15	5	349000	25@0	DFT_BPSK	4.460	4.640	PASS
n66	15	5	349000	25@0	DFT_QPSK	4.470	4.660	PASS
n66	15	5	349000	25@0	DFT_QAM16	4.460	4.650	PASS
n66	15	5	349000	25@0	DFT_QAM64	4.470	4.700	PASS
n66	15	5	349000	25@0	DFT_QAM256	4.460	4.630	PASS
n66	15	10	349000	50@0	DFT_BPSK	9.220	9.150	PASS
n66	15	10	349000	50@0	DFT_QPSK	9.240	9.220	PASS
n66	15	10	349000	50@0	DFT_QAM16	9.190	9.120	PASS
n66	15	10	349000	50@0	DFT_QAM64	9.140	9.100	PASS
n66	15	10	349000	50@0	DFT_QAM256	9.160	9.120	PASS
n66	15	15	349000	75@0	DFT_BPSK	13.950	13.600	PASS
n66	15	15	349000	75@0	DFT_QPSK	13.970	13.600	PASS
n66	15	15	349000	75@0	DFT_QAM16	14.030	13.670	PASS
n66	15	15	349000	75@0	DFT_QAM64	13.950	13.620	PASS
n66	15	15	349000	75@0	DFT_QAM256	13.990	13.620	PASS
n66	15	20	349000	100@0	DFT_BPSK	18.780	18.240	PASS
n66	15	20	349000	100@0	DFT_QPSK	18.750	18.130	PASS
n66	15	20	349000	100@0	DFT_QAM16	18.730	18.150	PASS
n66	15	20	349000	100@0	DFT_QAM64	18.730	18.130	PASS
n66	15	20	349000	100@0	DFT_QAM256	18.750	18.130	PASS
n66	15	40	349000	216@0	DFT_BPSK	38.470	39.030	PASS
n66	15	40	349000	216@0	DFT_QPSK	38.470	39.020	PASS
n66	15	40	349000	216@0	DFT_QAM16	38.480	38.970	PASS
n66	15	40	349000	216@0	DFT_QAM64	38.470	39.060	PASS
n66	15	40	349000	216@0	DFT_QAM256	38.460	39.030	PASS

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



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



n66 SCS=15kHz DFT_QAM16 BW=40MHz Channel=349000 RB=216@0



n66 SCS=15kHz DFT_QAM16 BW=20MHz Channel=349000 RB=100@0



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



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



n66 SCS=15kHz DFT_QAM16 BW=15MHz Channel=349000 RB=75@0



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



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



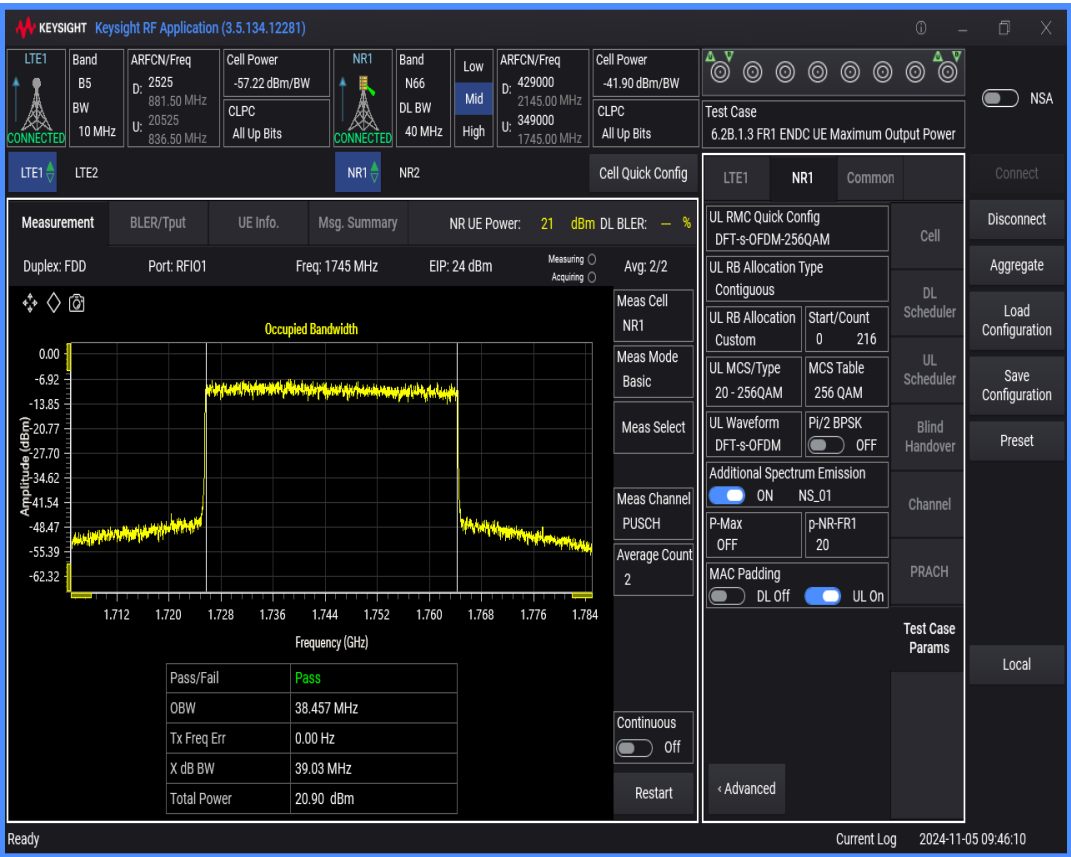
n66 SCS=15kHz DFT_QAM16 BW=10MHz Channel=349000 RB=50@0



n66 SCS=15kHz DFT_BPSK BW=5MHz Channel=349000 RB=25@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_QAM256 BW=15MHz Channel=349000 RB=75@0



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



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



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



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



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



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



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



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



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



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



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



Measurement

BLER/Tput

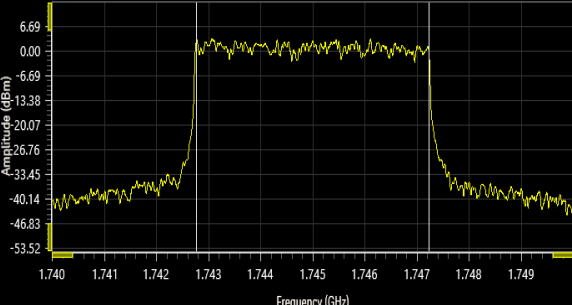
UE Info.

Msg. Summary

NR UE Power: 22 dBm DL BLER: — %

Duplex: FDD Port: RFIO1 Freq: 1745 MHz EIP: 25 dBm Measuring ☐ Acquiring ☐ Avg: 2/2

Occupied Bandwidth



Pass/Fail	Pass
OBW	4.469 MHz
Tx Freq Err	0.00 Hz
X dB BW	4.66 MHz
Total Power	22.37 dBm

Meas Cell NR1

Meas Mode Basic

Meas Select

Meas Channel PUSCH

Average Count 2

Continuous ☐ Off

Restart

UL RMC Quick Config

DFT-s-OFDM-QPSK

UL RB Allocation Type Contiguous

UL RB Allocation Custom Start/Count 0 25

UL MCS/Type 2 - QPSK MCS Table 64 QAM

UL Waveform DFT-s-OFDM ☐ OFF

Additional Spectrum Emission ☒ ON NS_01

P-Max Off p-NR-FR1 20

MAC Padding ☐ DL Off ☒ UL On

Test Case Params

Advanced

Cell

DL Scheduler

UL Scheduler

Blind Handover

Channel

PRACH

Local

Connect

Disconnect

Aggregate

Load Configuration

Save Configuration

Preset

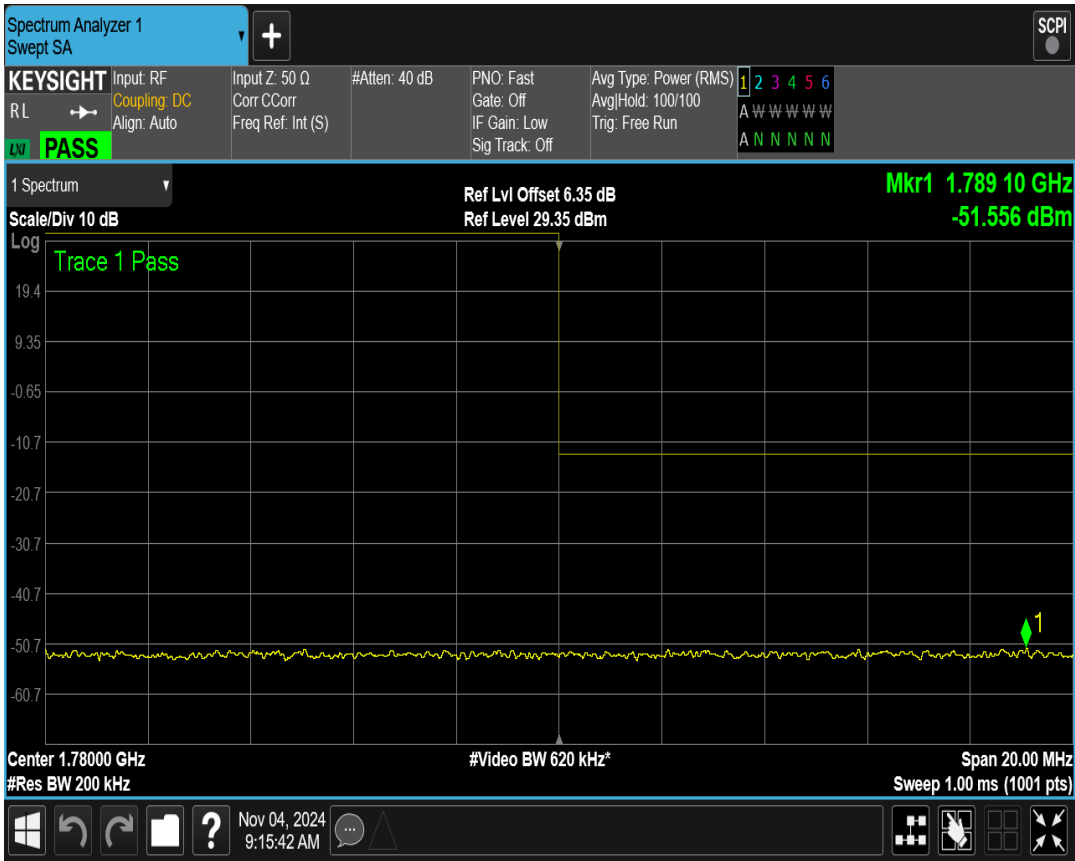
Ready

Current Log 2024-11-05 09:44:14

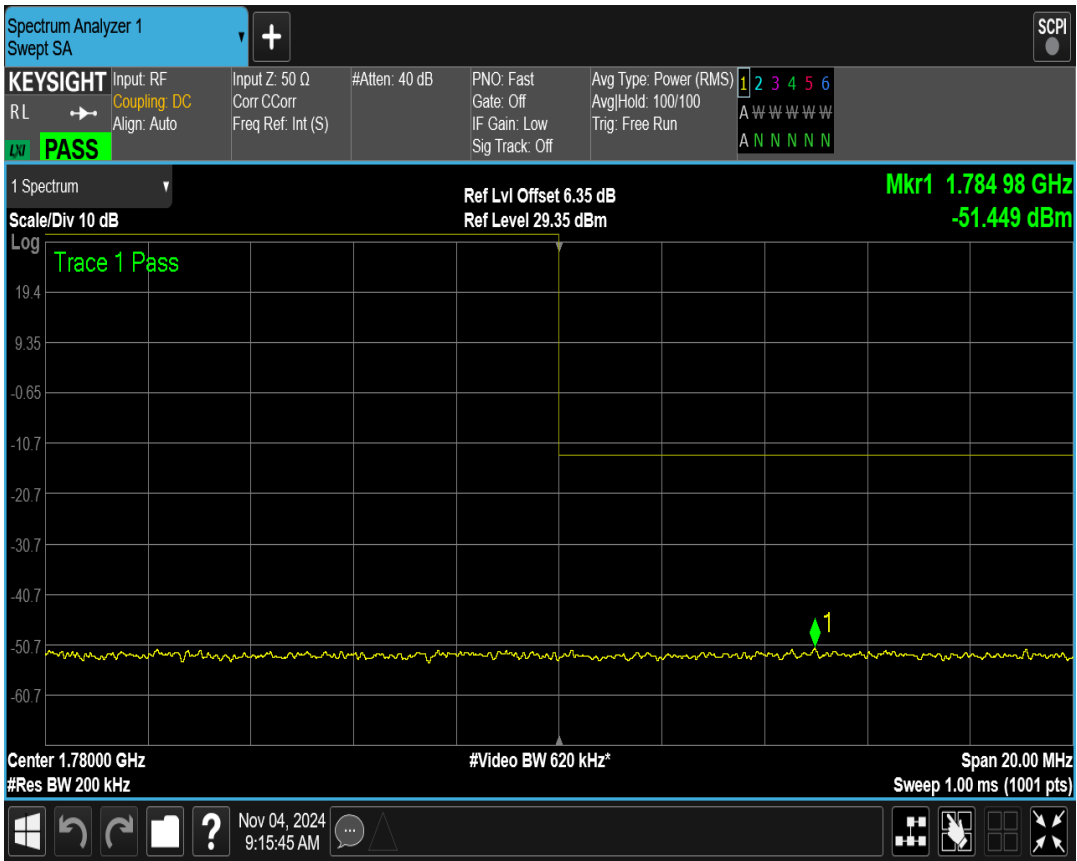
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	10	343000	24@0	CP_QPSK	1709.86	-54.62	-13	PASS
n66	15	10	343000	1@0	CP_QPSK	1706.16	-51.71	-13	PASS
n66	15	10	343000	1@23	CP_QPSK	1702.86	-51.43	-13	PASS
n66	15	10	355000	24@0	CP_QPSK	1788.50	-54.47	-13	PASS
n66	15	10	355000	1@0	CP_QPSK	1789.10	-51.55	-13	PASS
n66	15	10	355000	1@23	CP_QPSK	1784.98	-51.44	-13	PASS
n66	15	20	344000	51@0	CP_QPSK	1709.44	-51.81	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	1694.92	-51.60	-13	PASS
n66	15	20	344000	1@50	CP_QPSK	1705.76	-51.51	-13	PASS
n66	15	20	354000	51@0	CP_QPSK	1798.76	-51.63	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	1792.04	-51.50	-13	PASS
n66	15	20	354000	1@50	CP_QPSK	1787.44	-51.60	-13	PASS
n66	15	40	346000	106@0	CP_QPSK	1687.20	-48.27	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	1680.40	-51.66	-13	PASS
n66	15	40	346000	1@105	CP_QPSK	1687.92	-51.73	-13	PASS
n66	15	40	352000	106@0	CP_QPSK	1792.56	-48.36	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	1807.20	-51.54	-13	PASS
n66	15	40	352000	1@105	CP_QPSK	1794.08	-51.52	-13	PASS

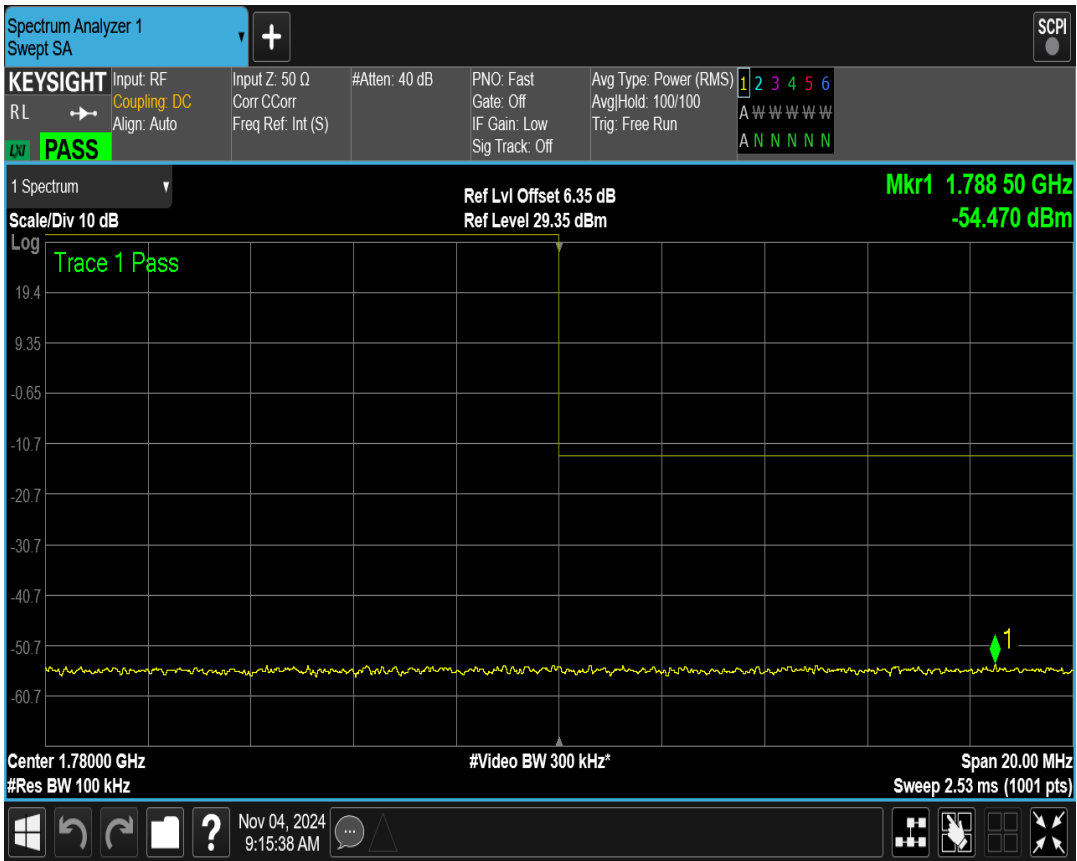
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@0



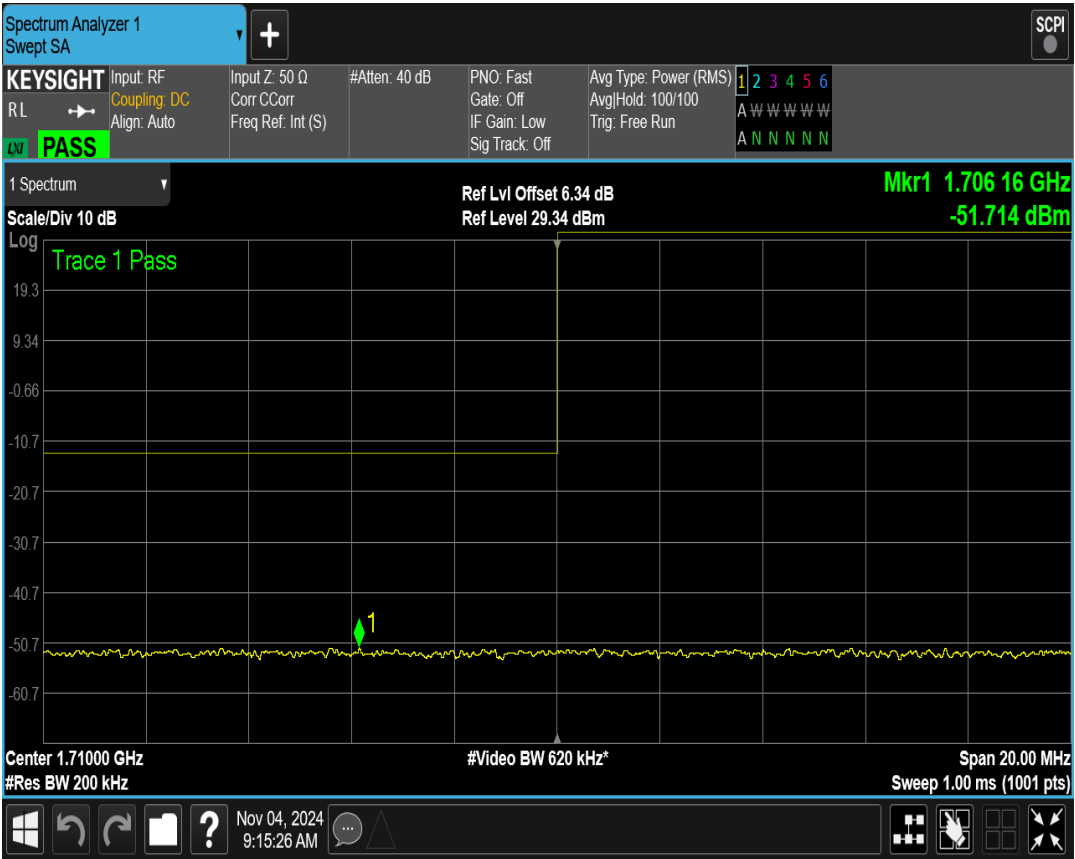
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=1@23



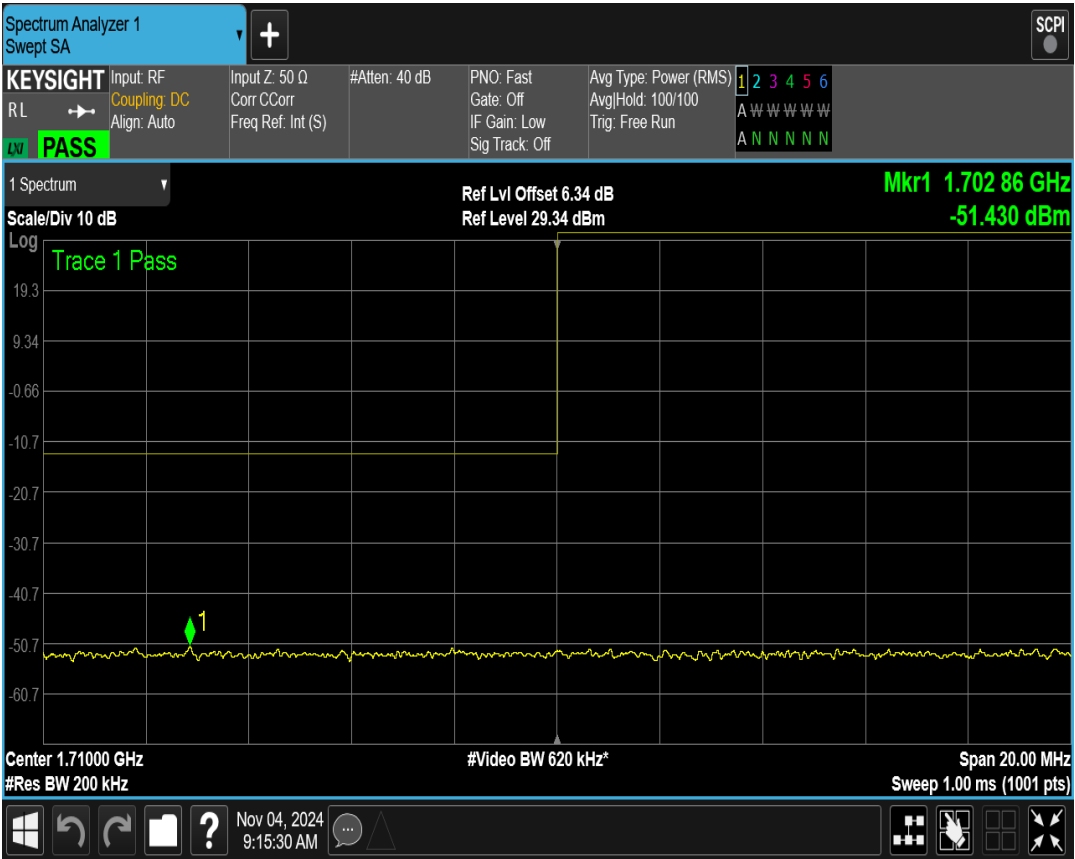
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=24@0



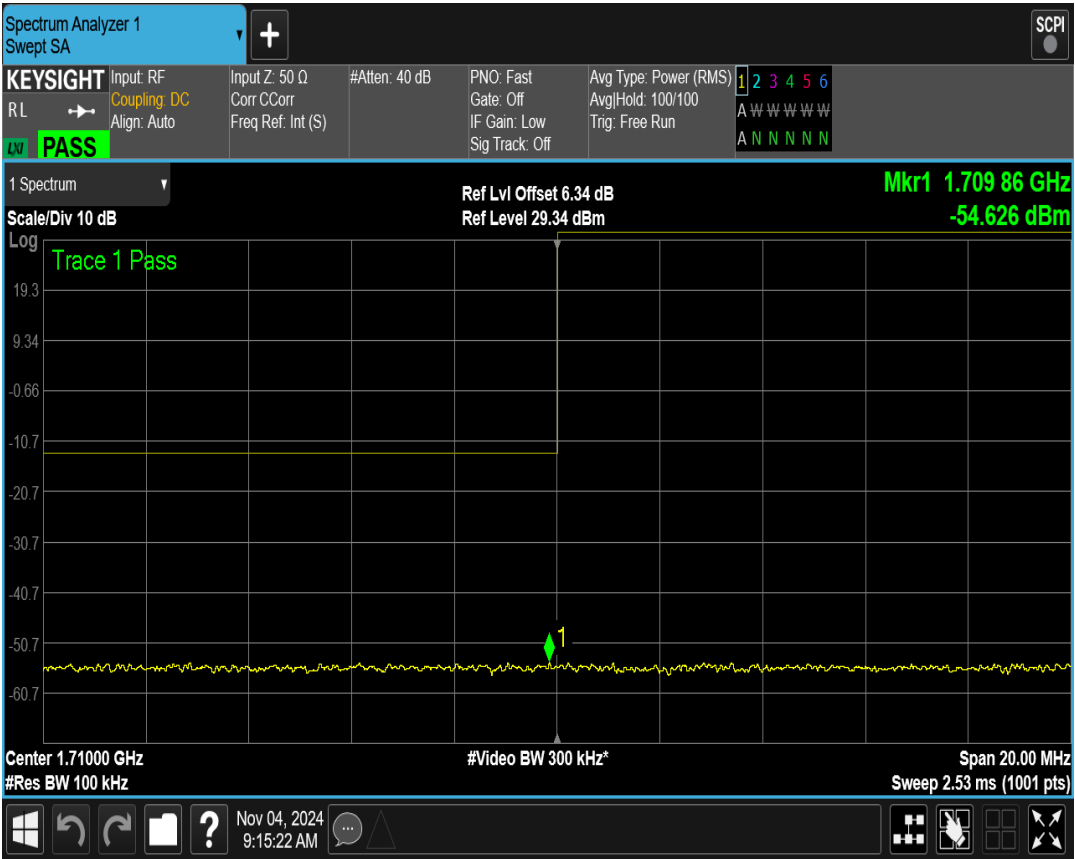
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@0



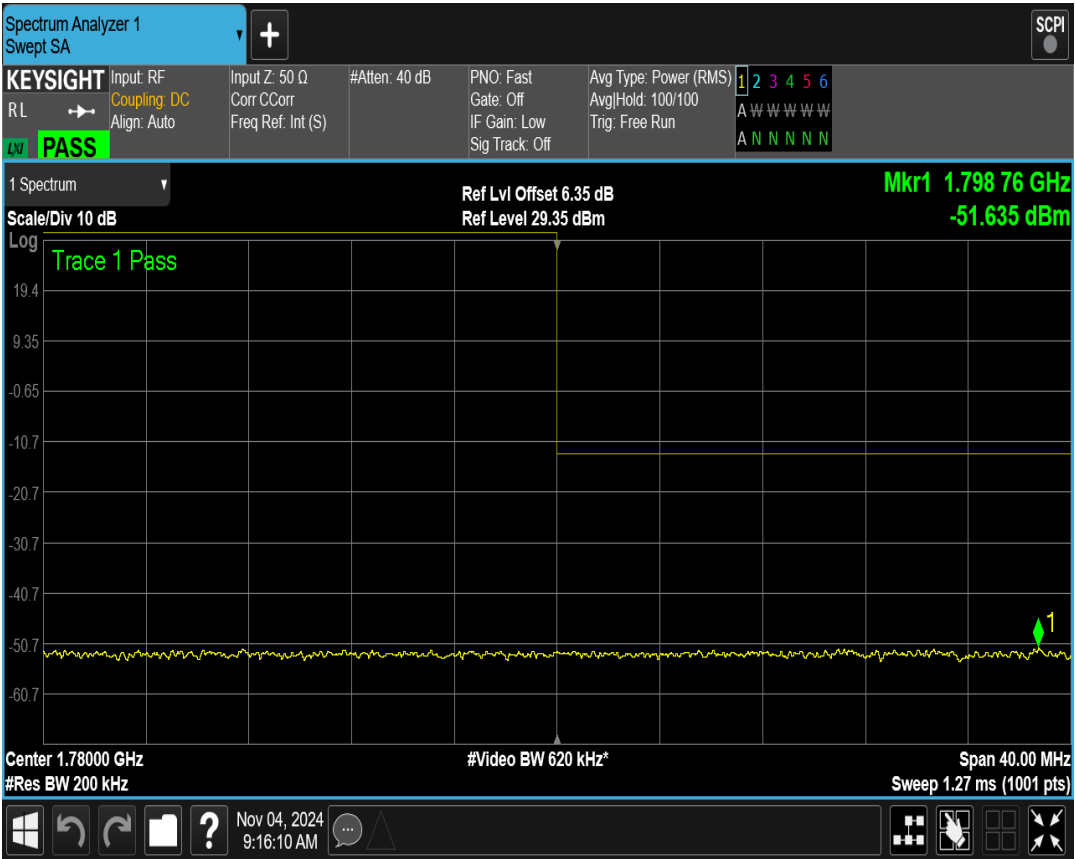
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@23



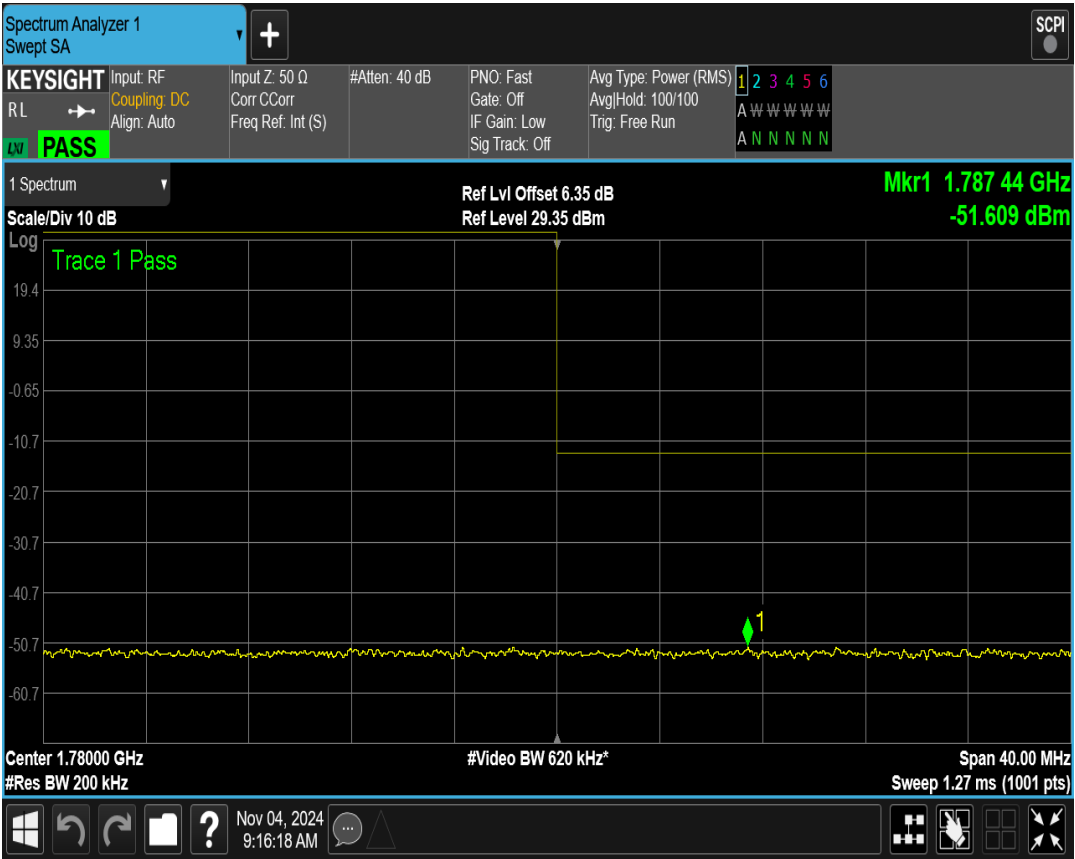
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0



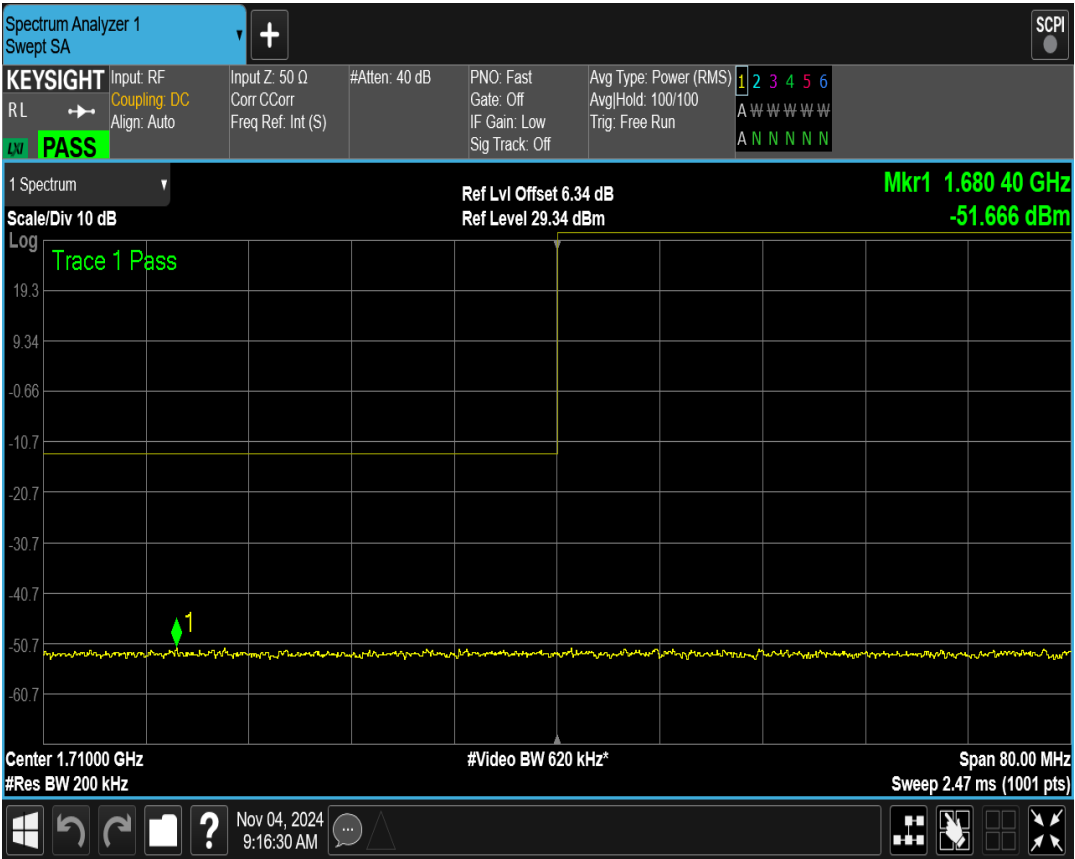
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=51@0



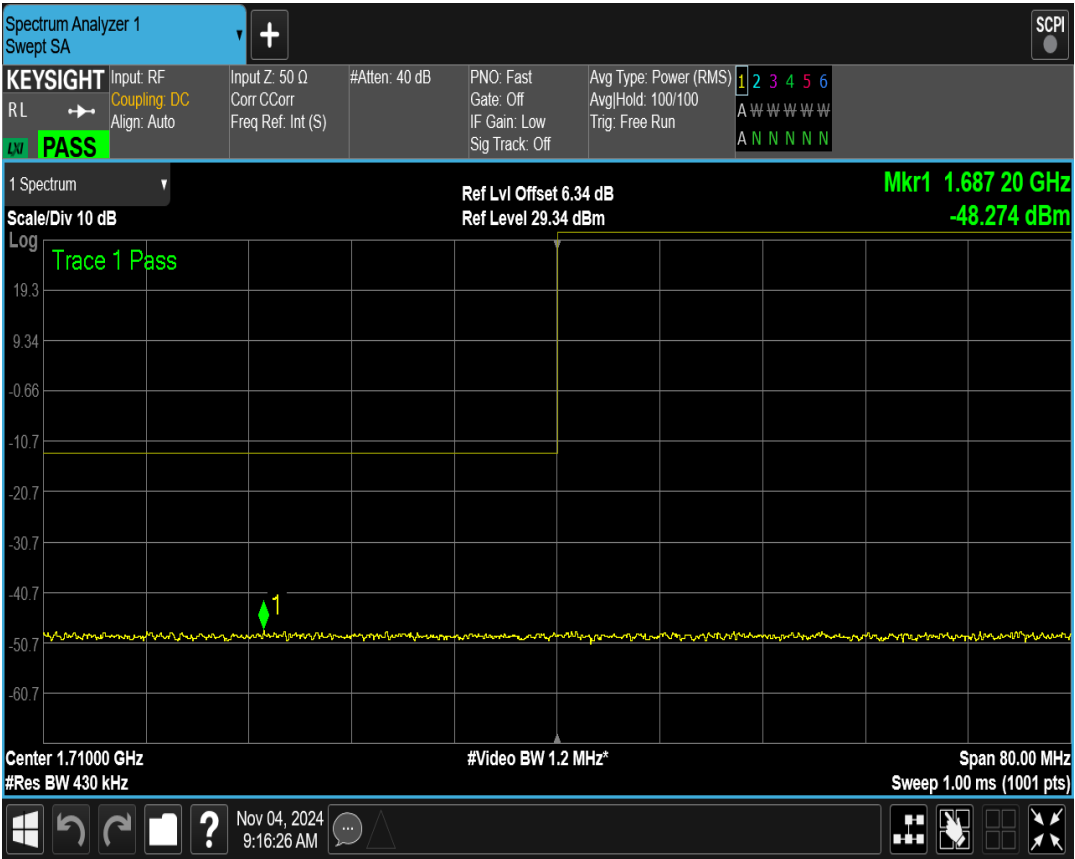
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@50



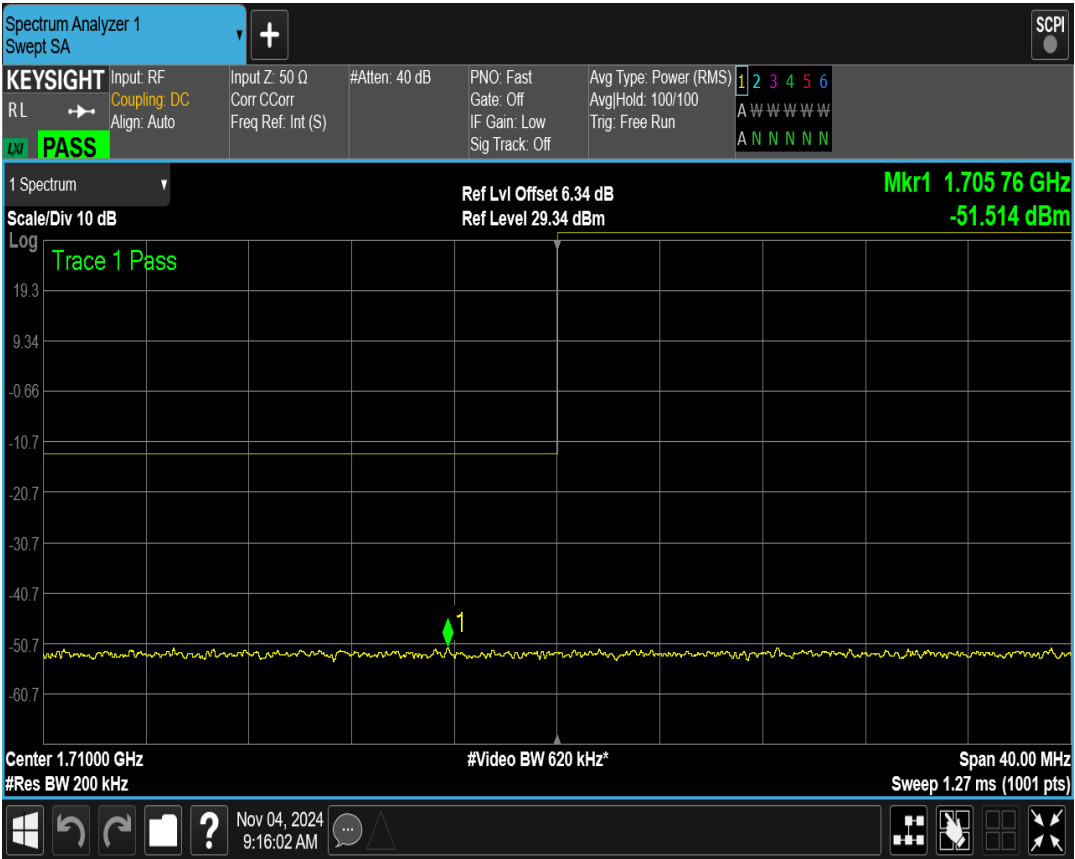
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=1@0



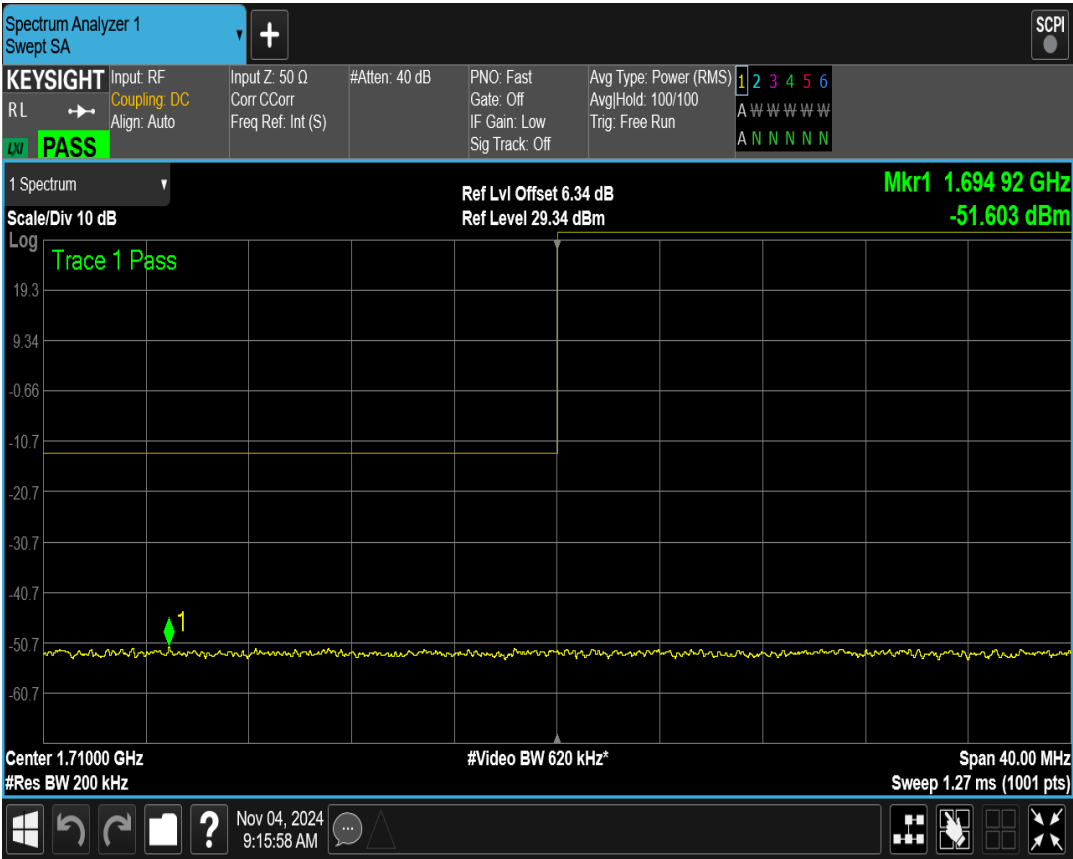
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=346000 RB=106@0



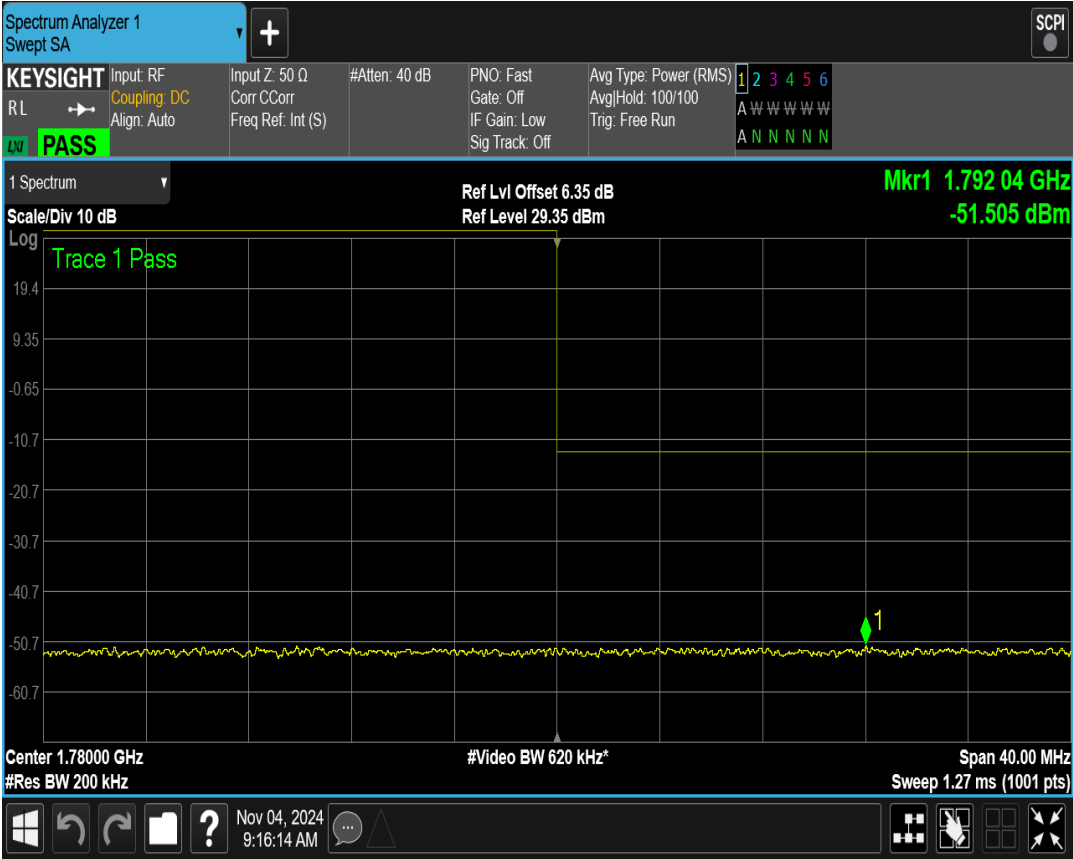
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=1@50



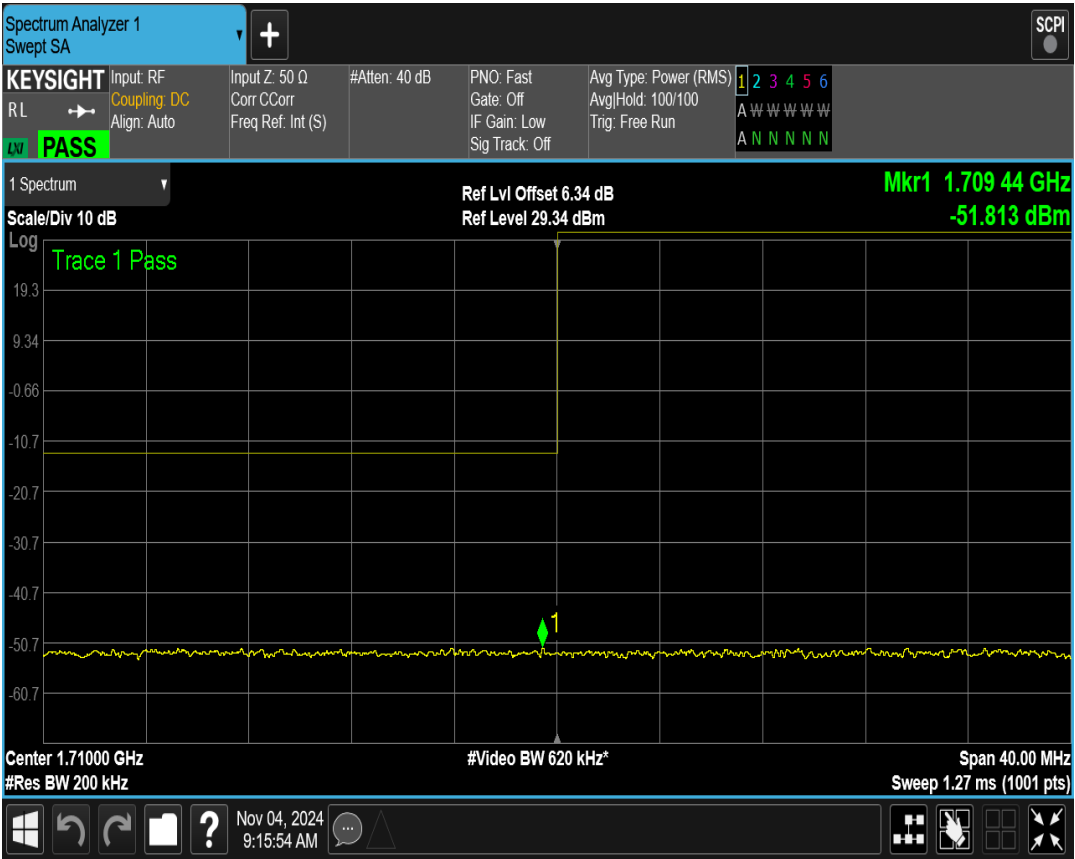
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



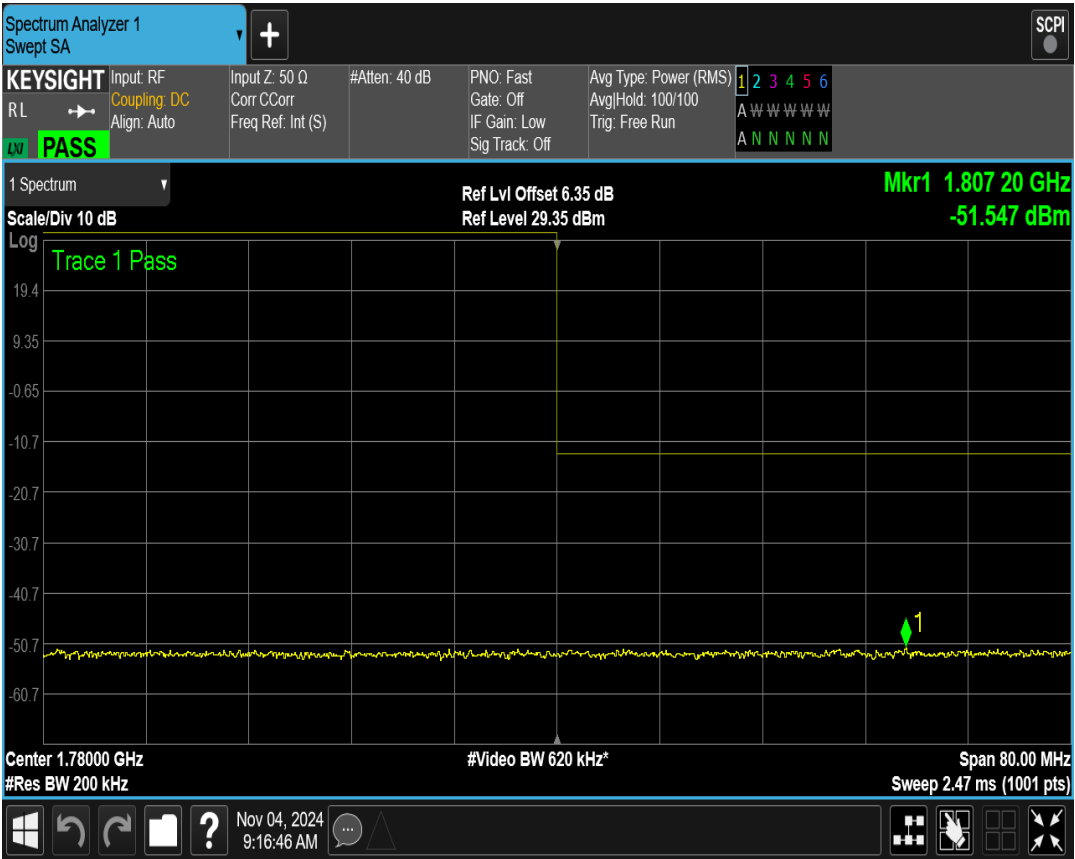
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



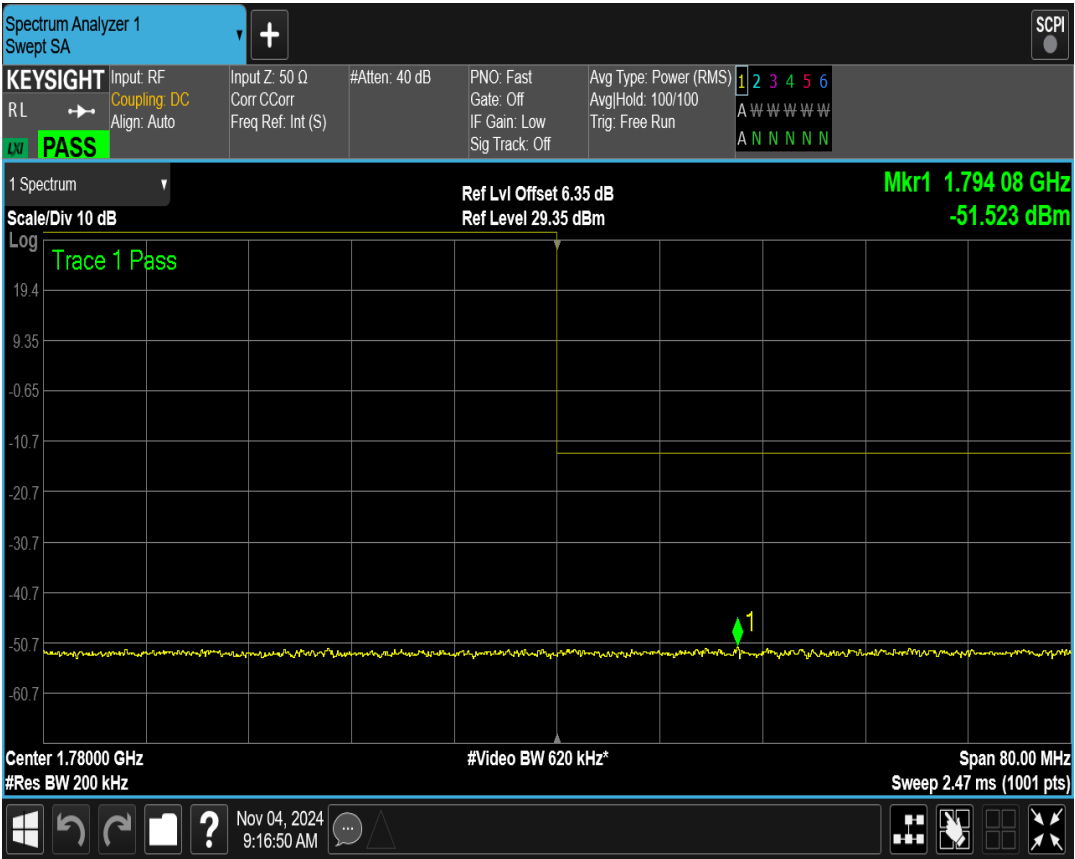
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=51@0



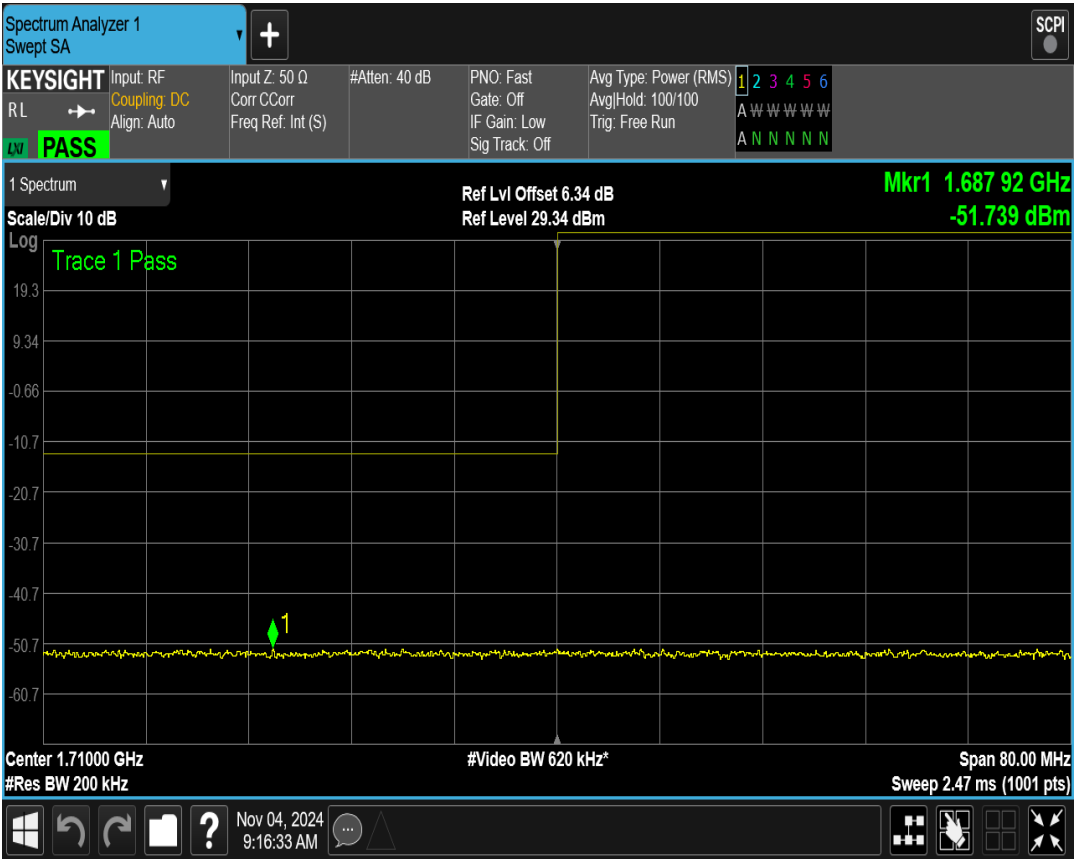
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=1@0



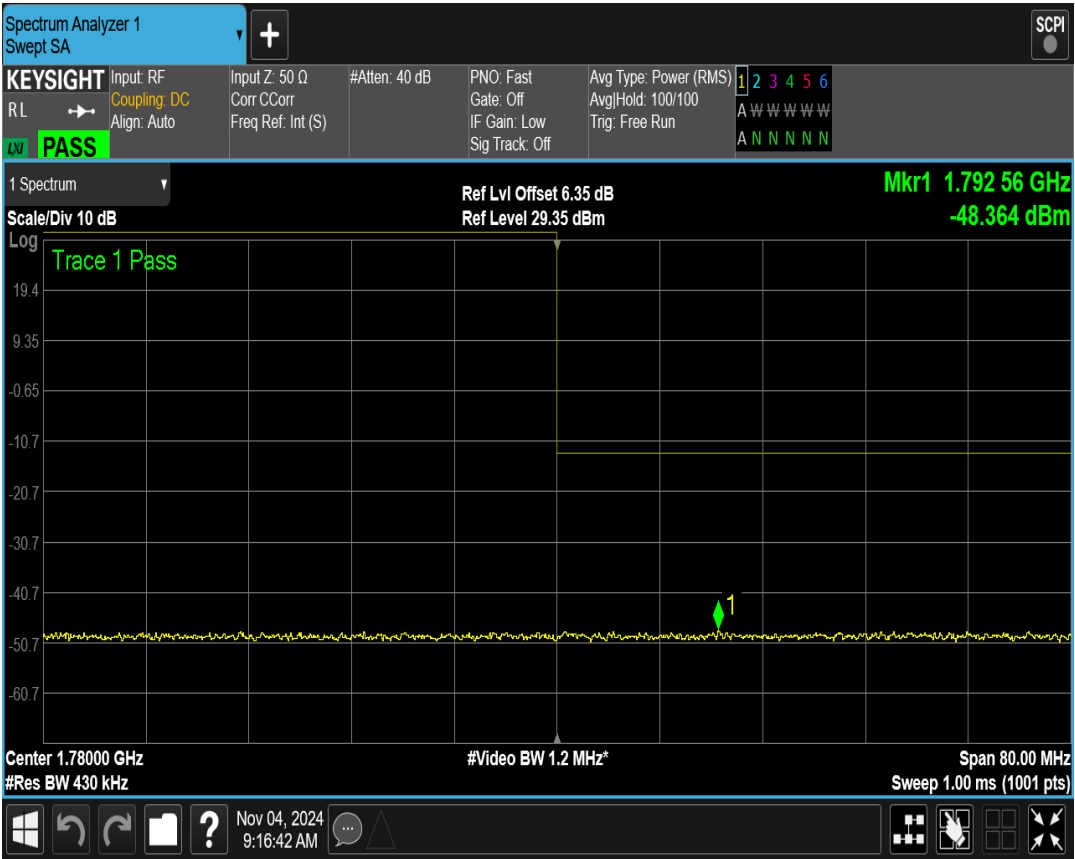
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=1@105



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



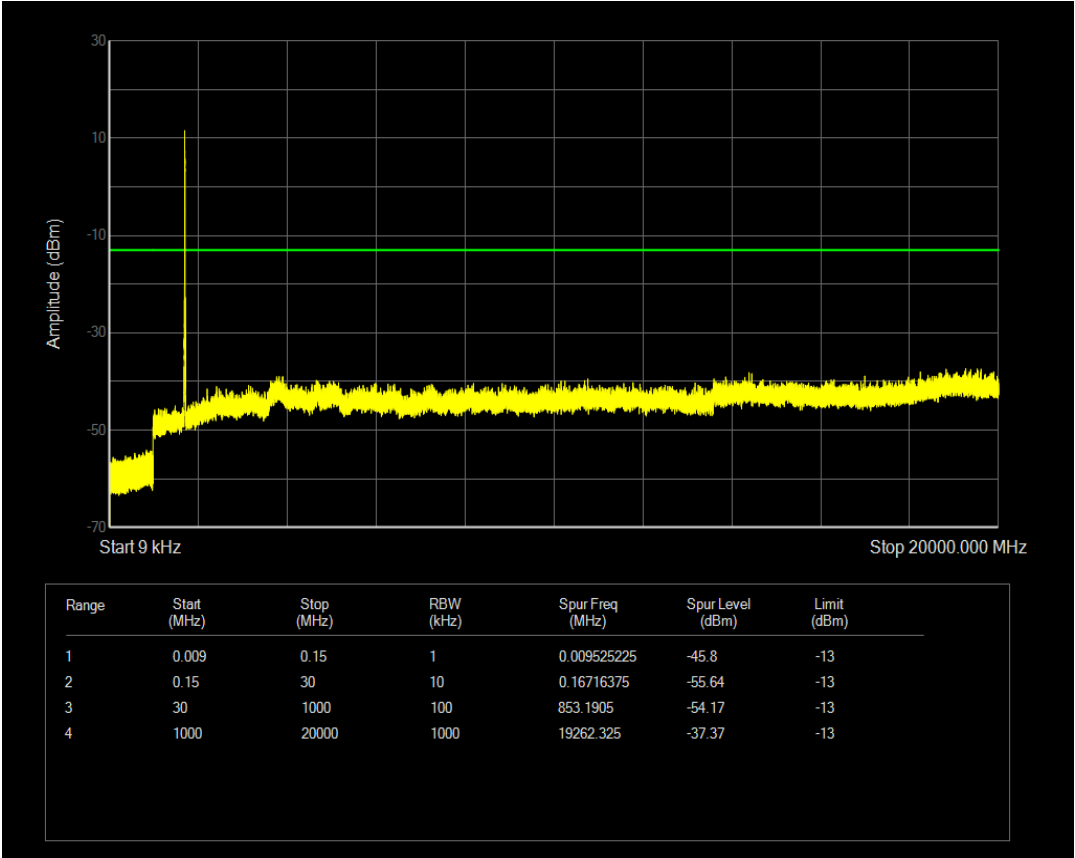
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=106@0



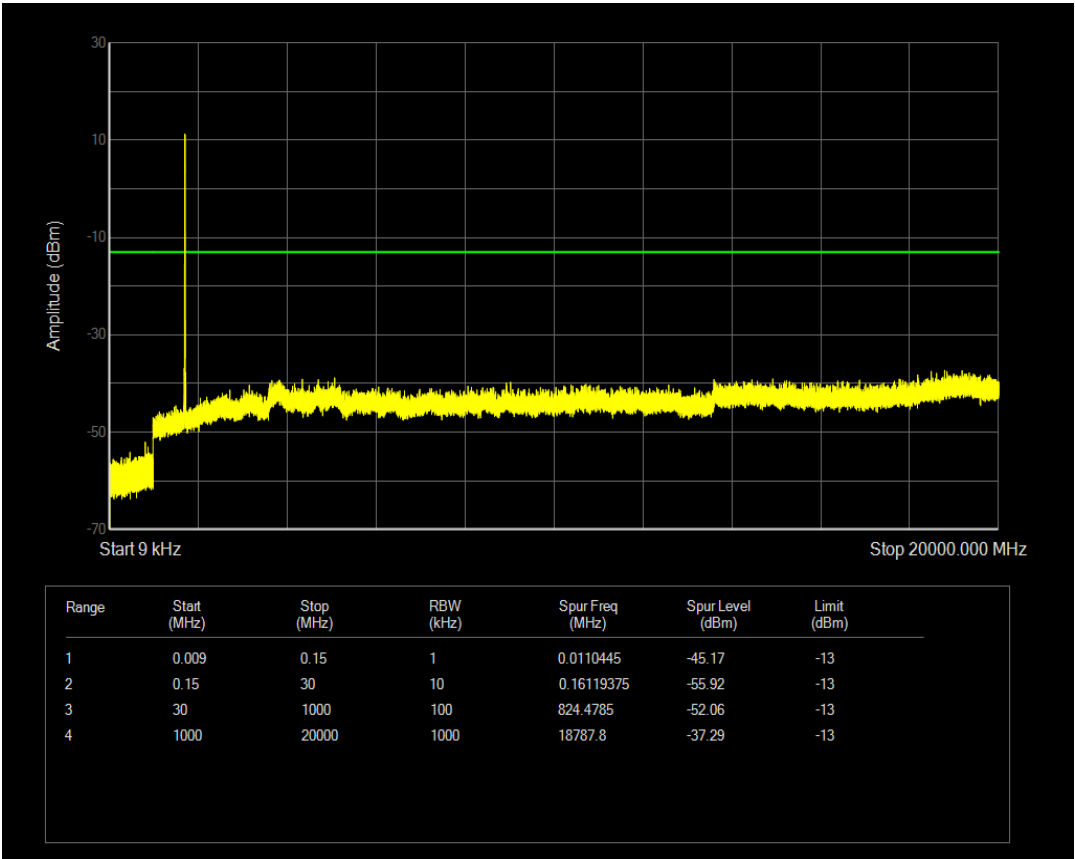
6 Out-of-band emissions for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	10	343000	24@0	CP_QPSK	19262.33	-37.37	-13	PASS
n66	15	10	343000	1@0	CP_QPSK	19057.60	-36.54	-13	PASS
n66	15	10	343000	1@23	CP_QPSK	18787.80	-37.29	-13	PASS
n66	15	10	355000	24@0	CP_QPSK	18902.28	-37.24	-13	PASS
n66	15	10	355000	1@0	CP_QPSK	19286.08	-36.39	-13	PASS
n66	15	10	355000	1@23	CP_QPSK	19664.65	-36.41	-13	PASS
n66	15	20	344000	51@0	CP_QPSK	19218.63	-37.49	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	19346.40	-37.45	-13	PASS
n66	15	20	344000	1@50	CP_QPSK	19210.08	-37.19	-13	PASS
n66	15	20	354000	51@0	CP_QPSK	3793.95	-37.46	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	19175.88	-37.25	-13	PASS
n66	15	20	354000	1@50	CP_QPSK	18830.55	-37.24	-13	PASS
n66	15	40	346000	106@0	CP_QPSK	18887.08	-37.10	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	19445.68	-37.18	-13	PASS
n66	15	40	346000	1@105	CP_QPSK	19060.45	-37.21	-13	PASS
n66	15	40	352000	106@0	CP_QPSK	19145.95	-36.01	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	18956.90	-37.22	-13	PASS
n66	15	40	352000	1@105	CP_QPSK	19390.10	-37.00	-13	PASS

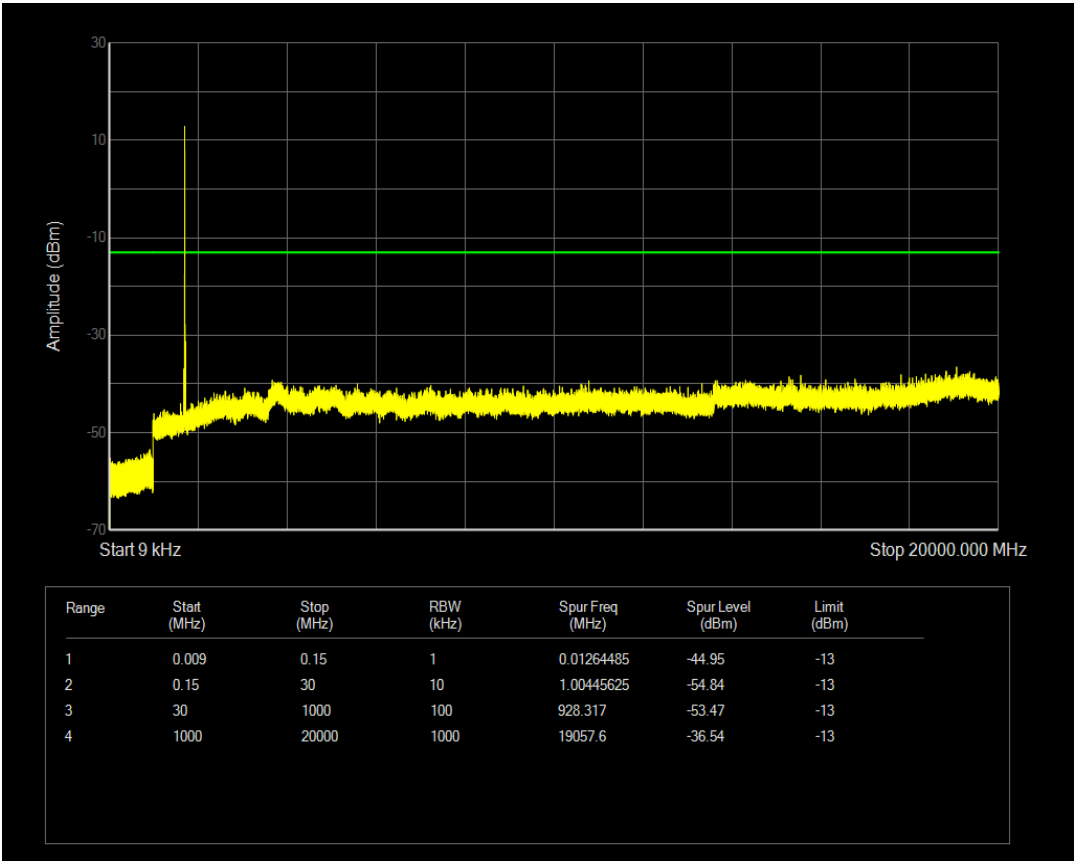
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0



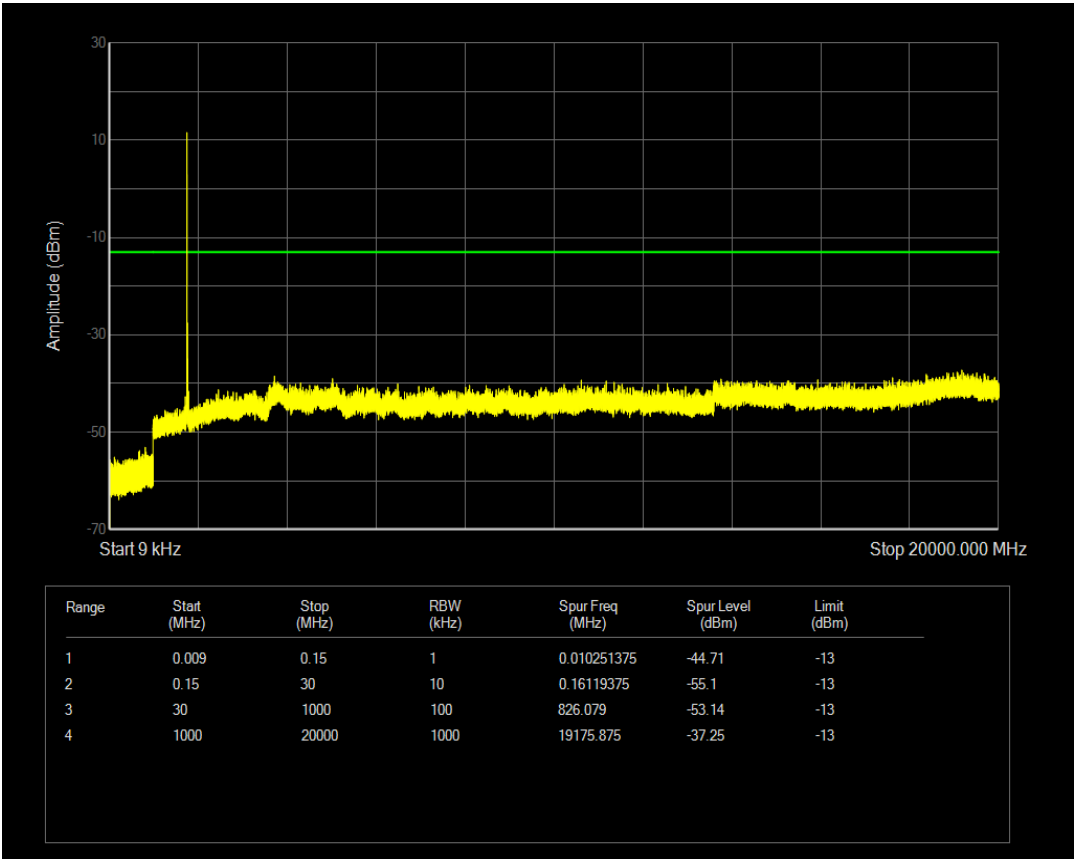
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@23



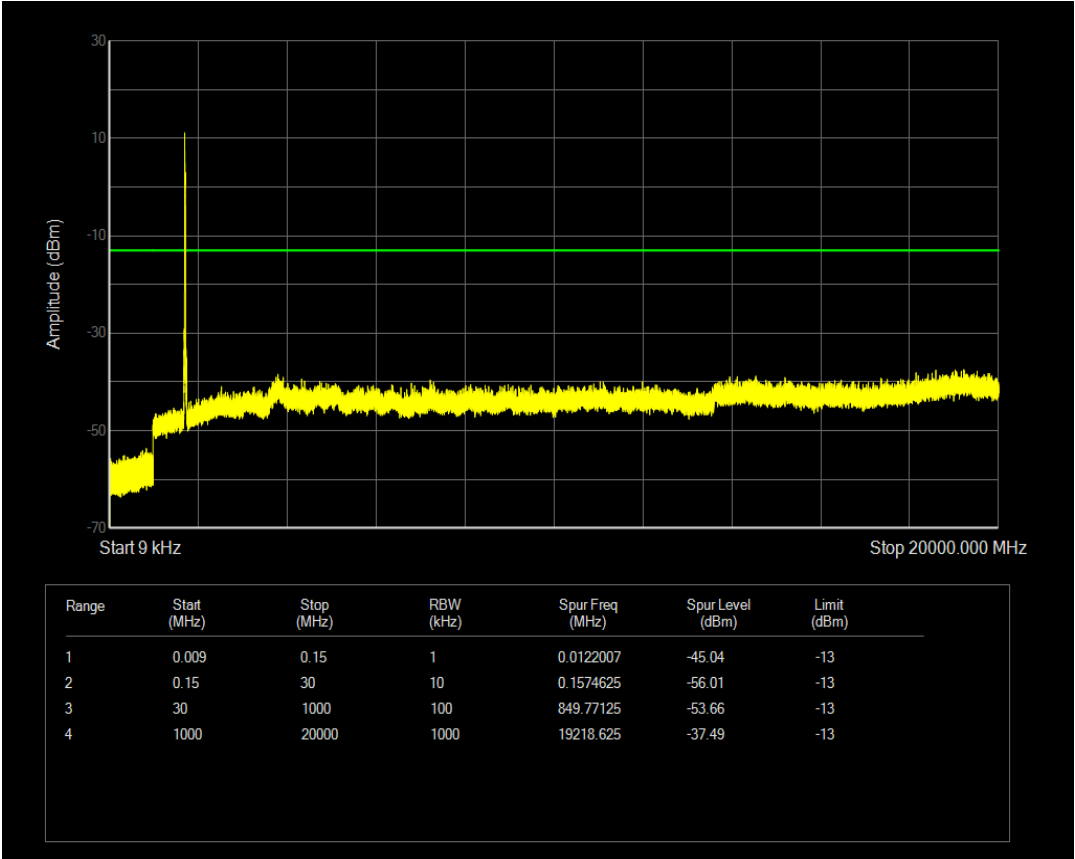
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@0



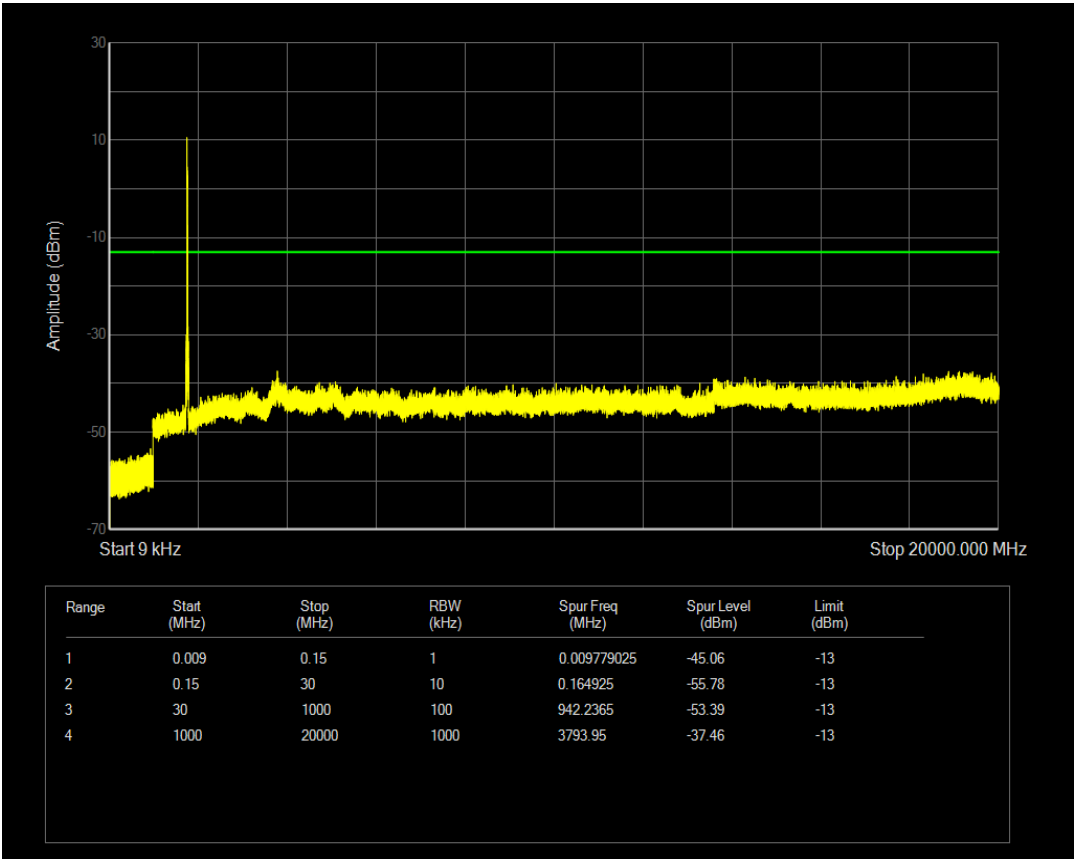
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=1@0



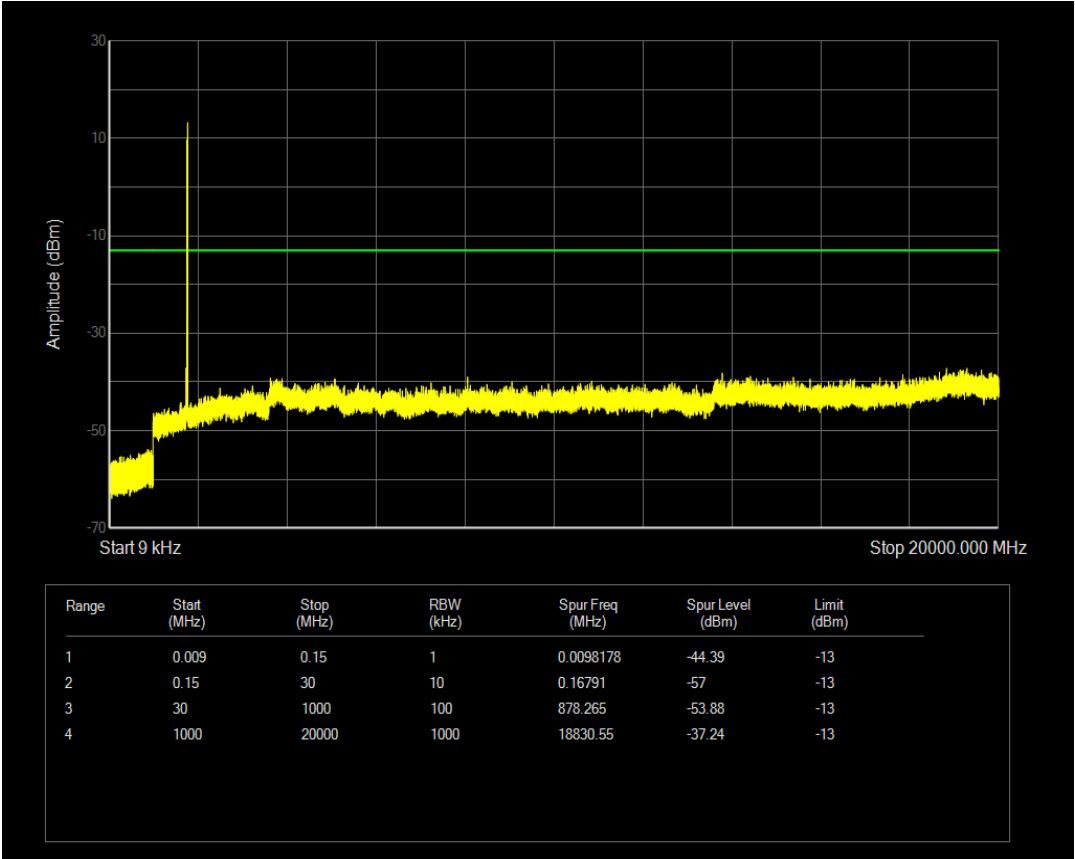
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=51@0



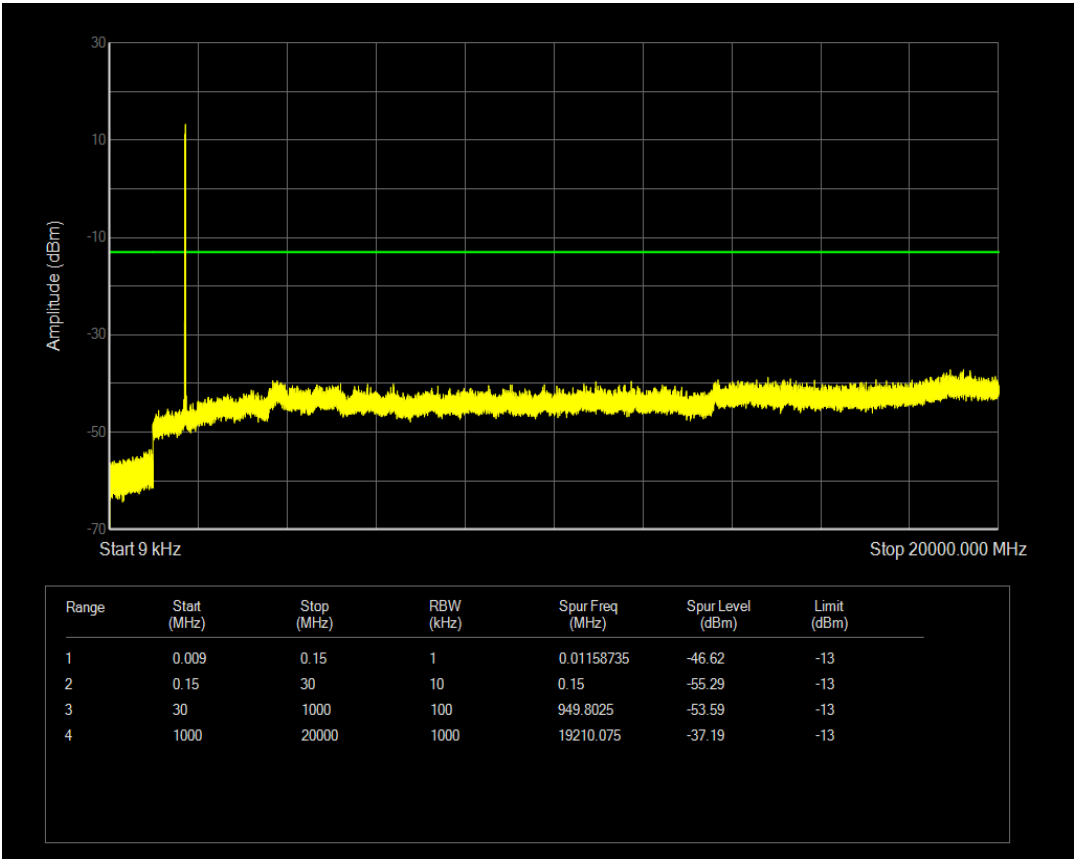
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=354000 RB=51@0



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



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



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

