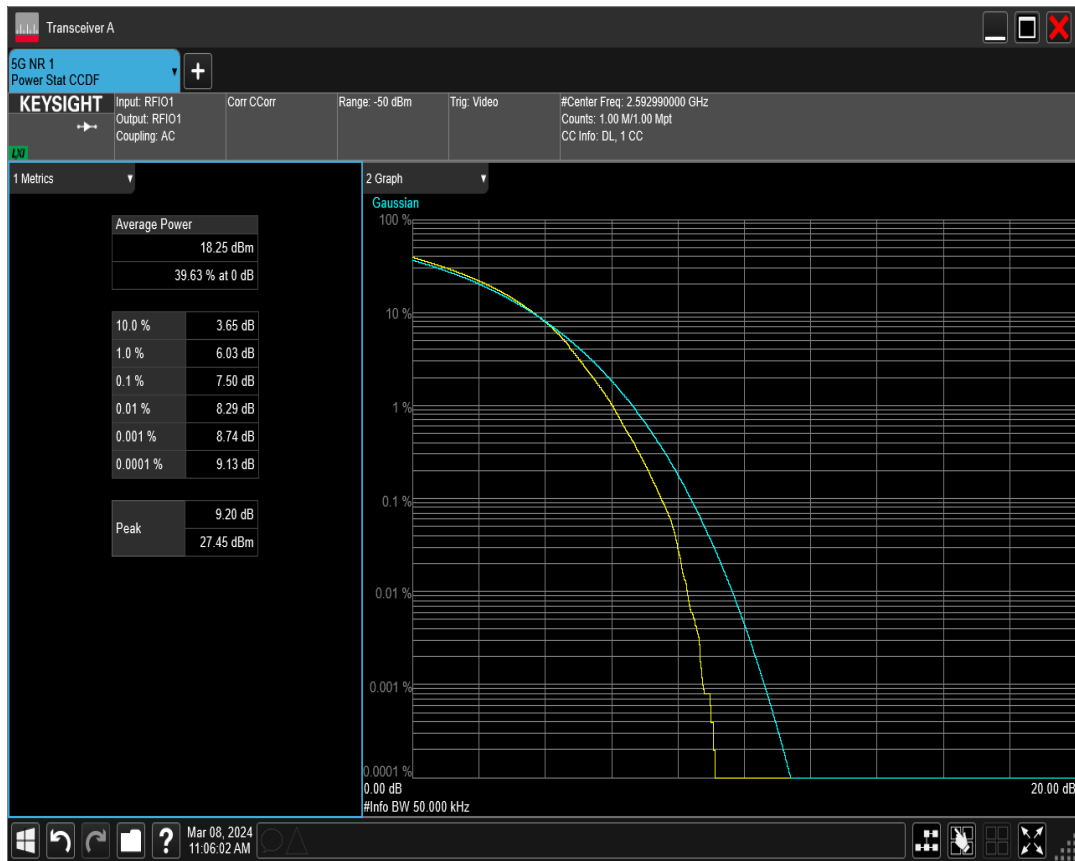
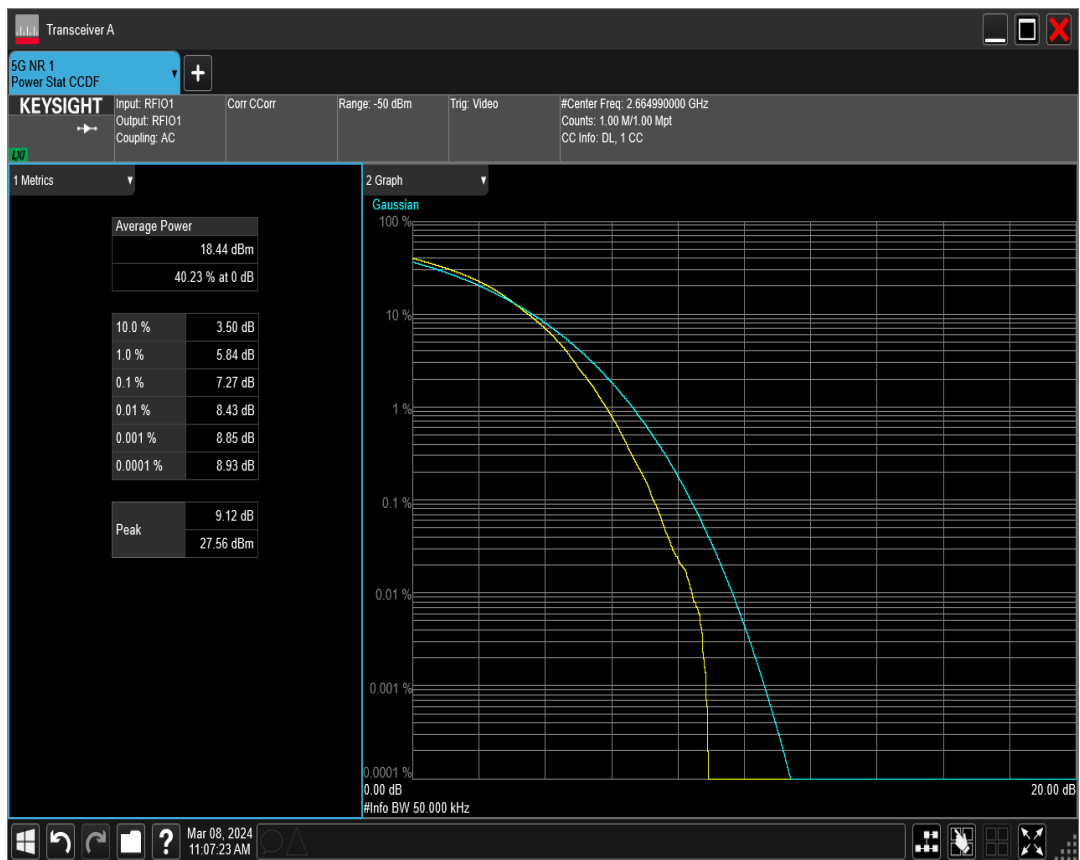
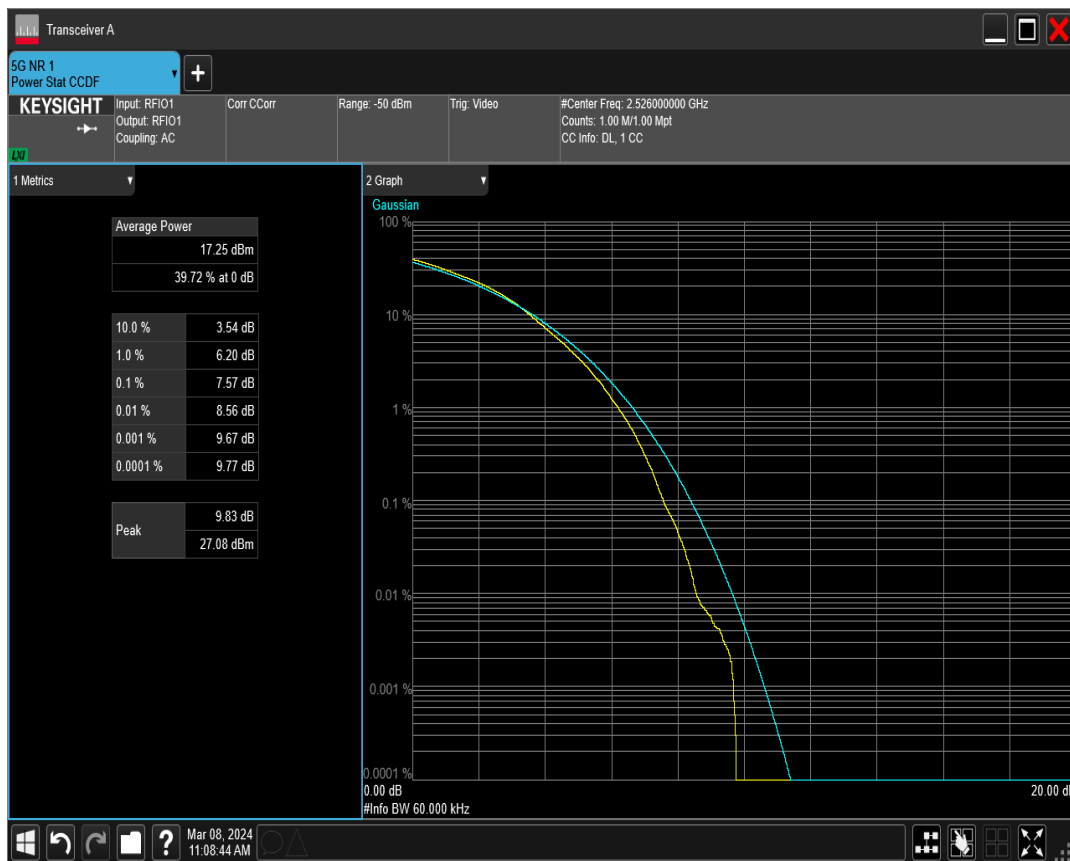




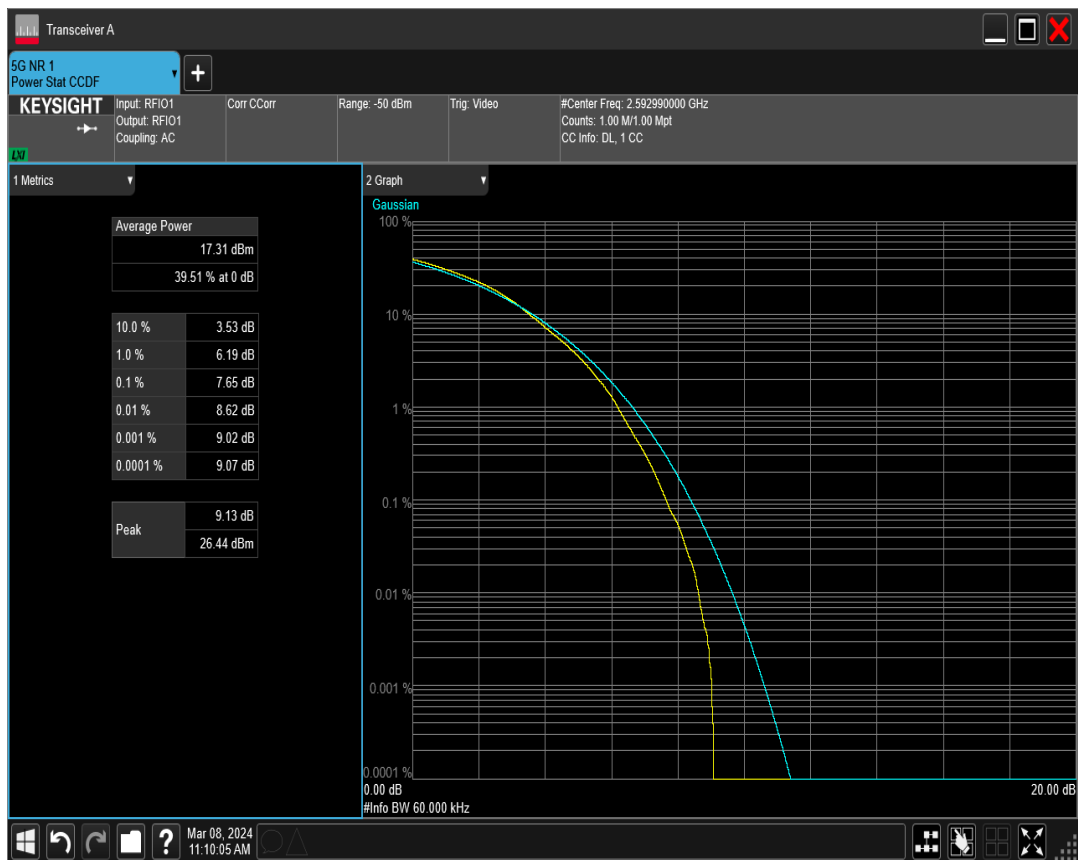
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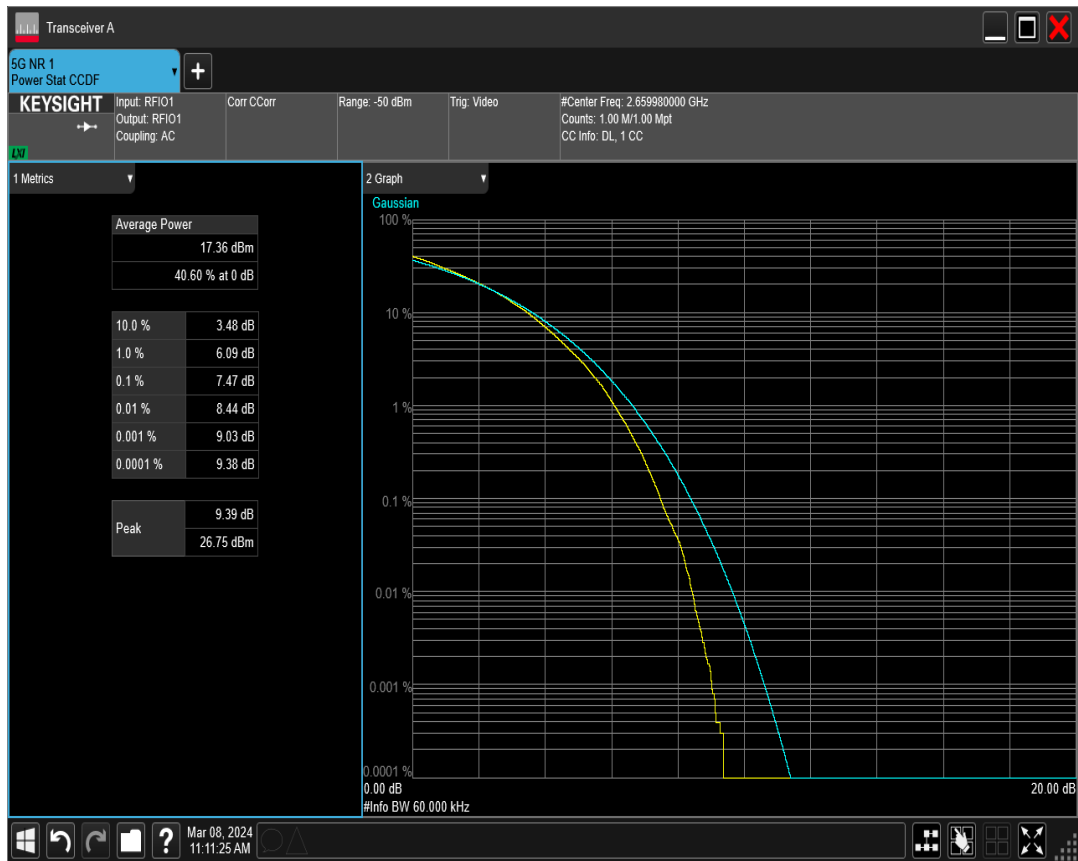
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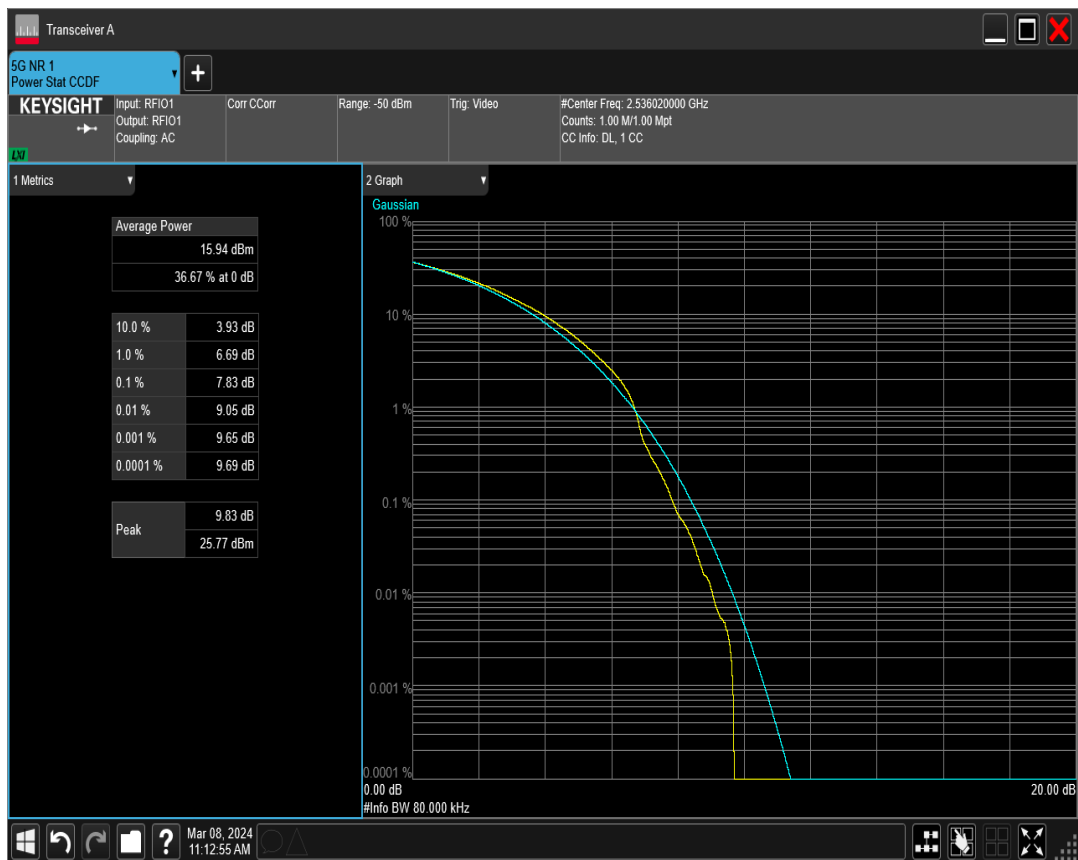
n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=518598 RB=162@0



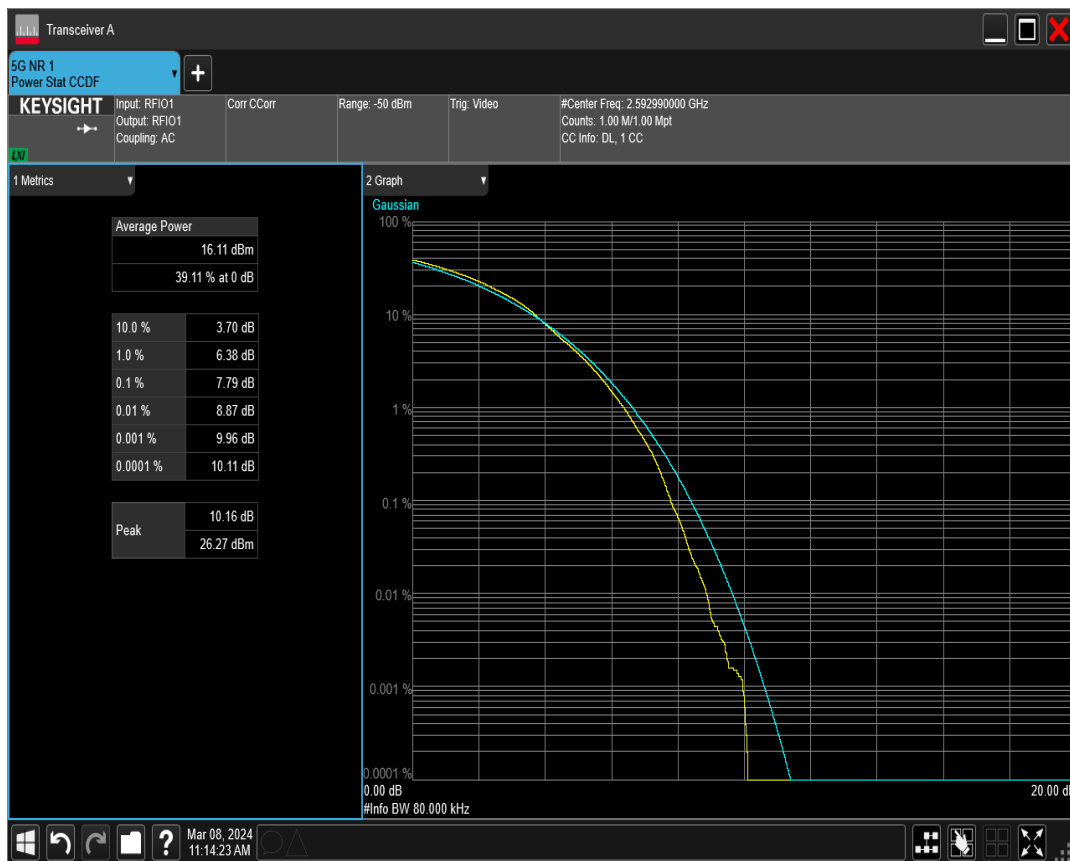
n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=531996 RB=162@0



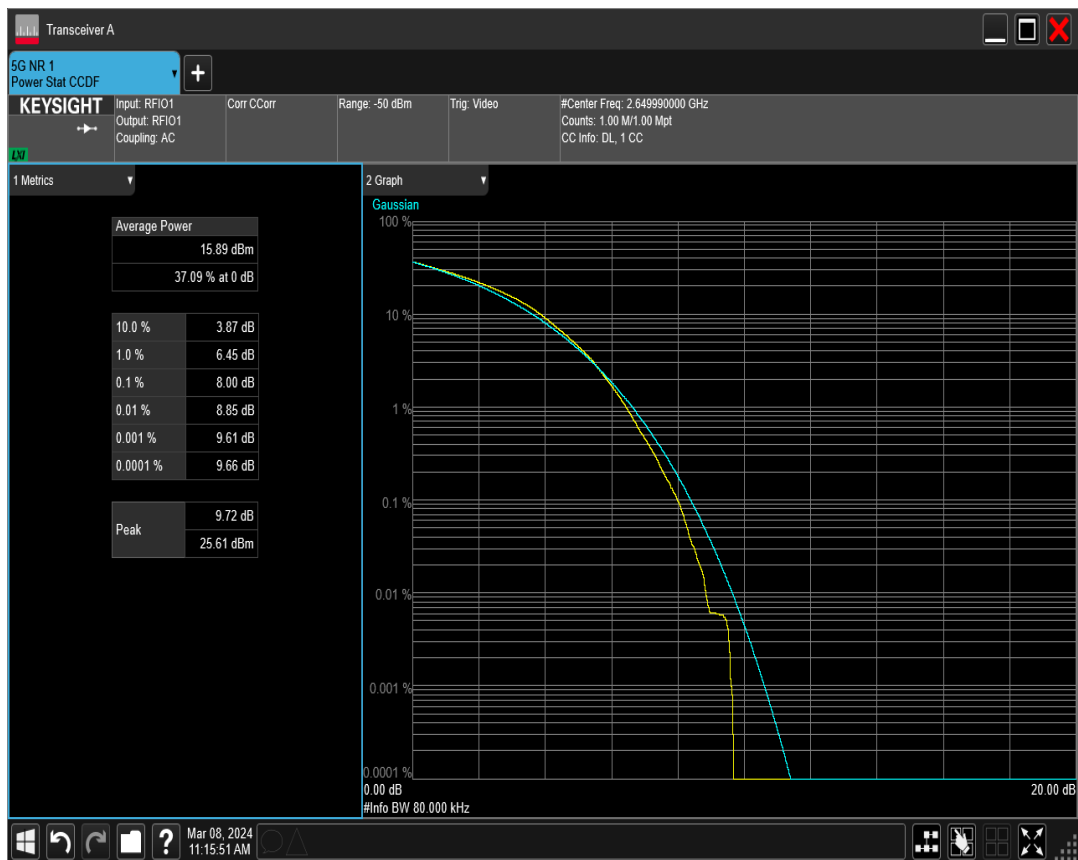
n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=507204 RB=216@0



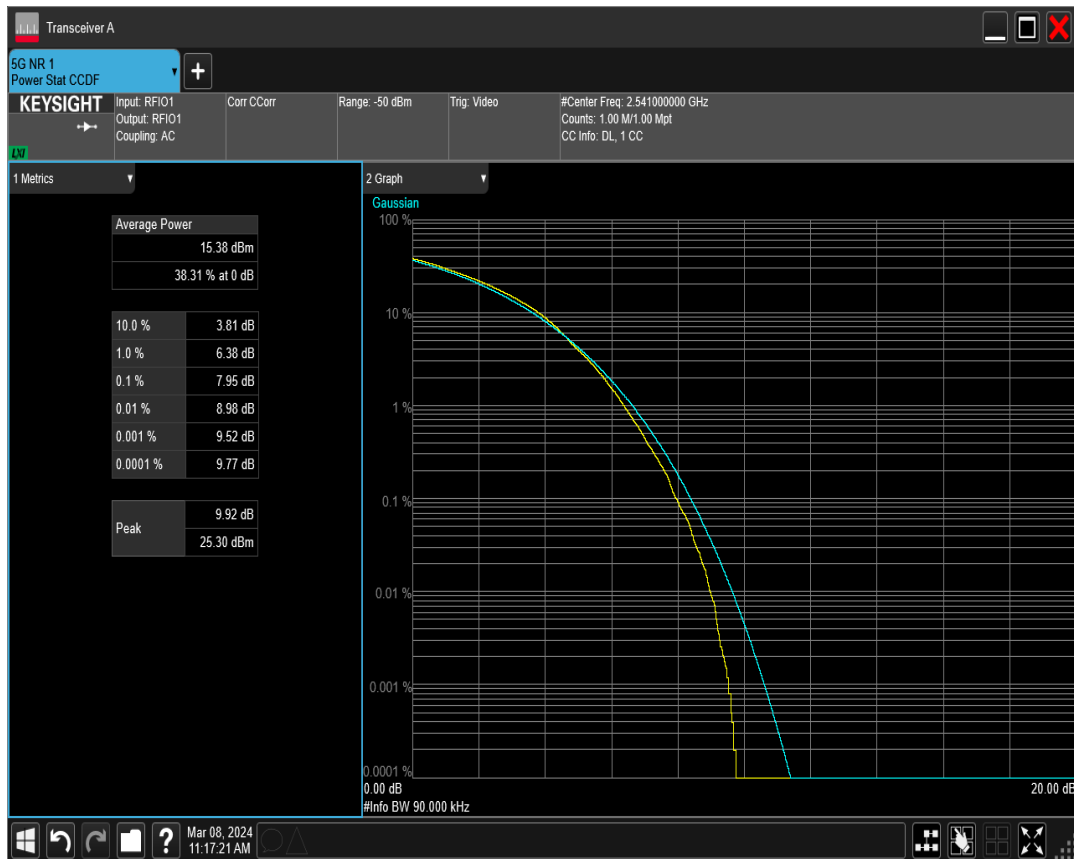
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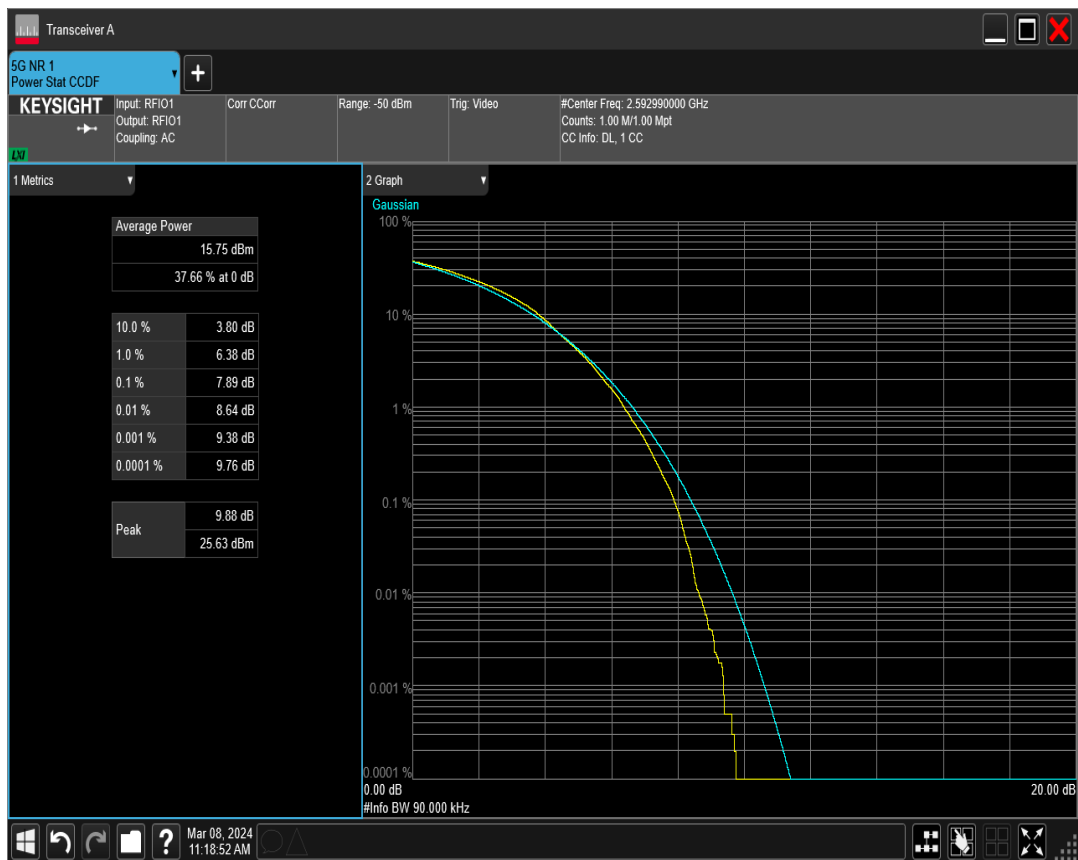
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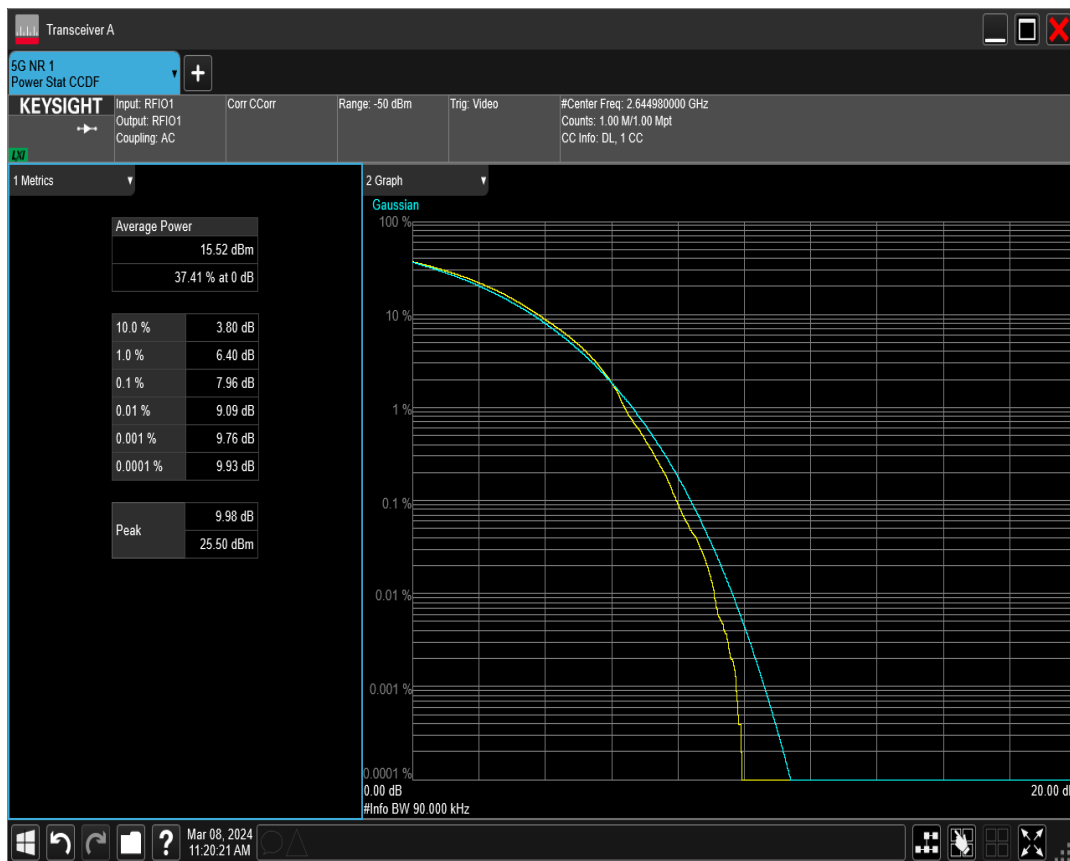
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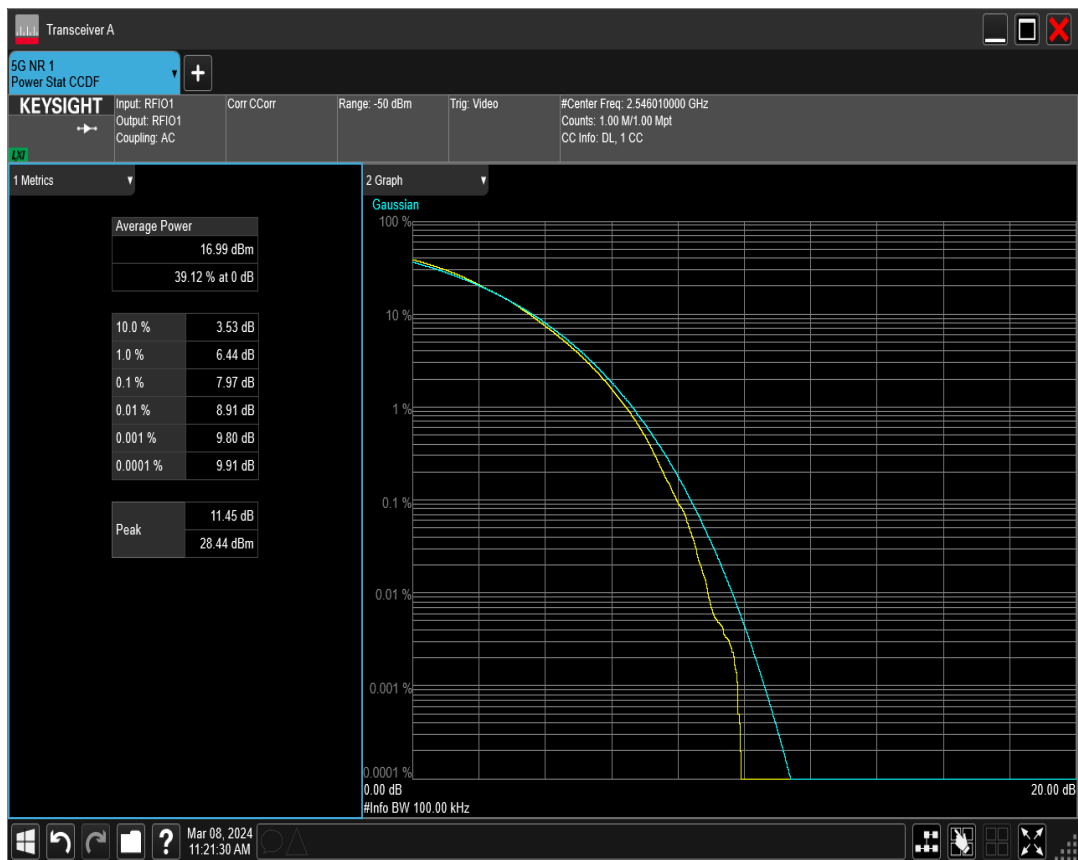
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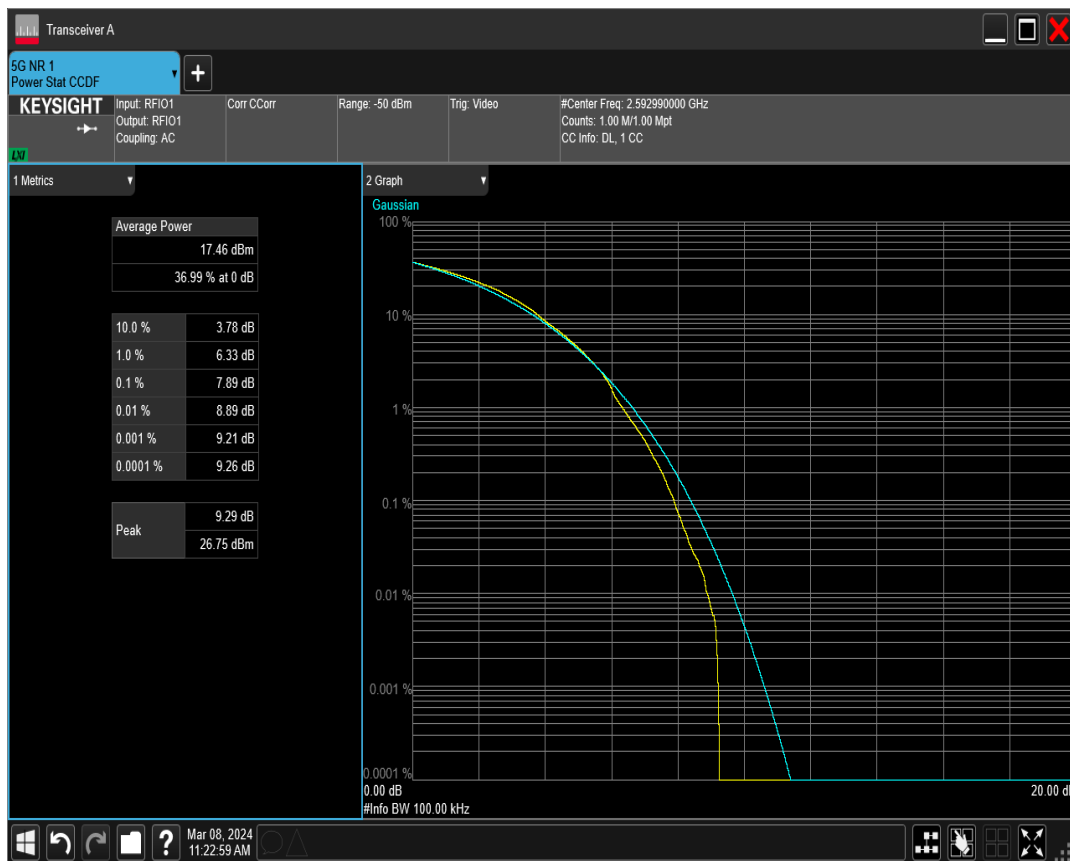
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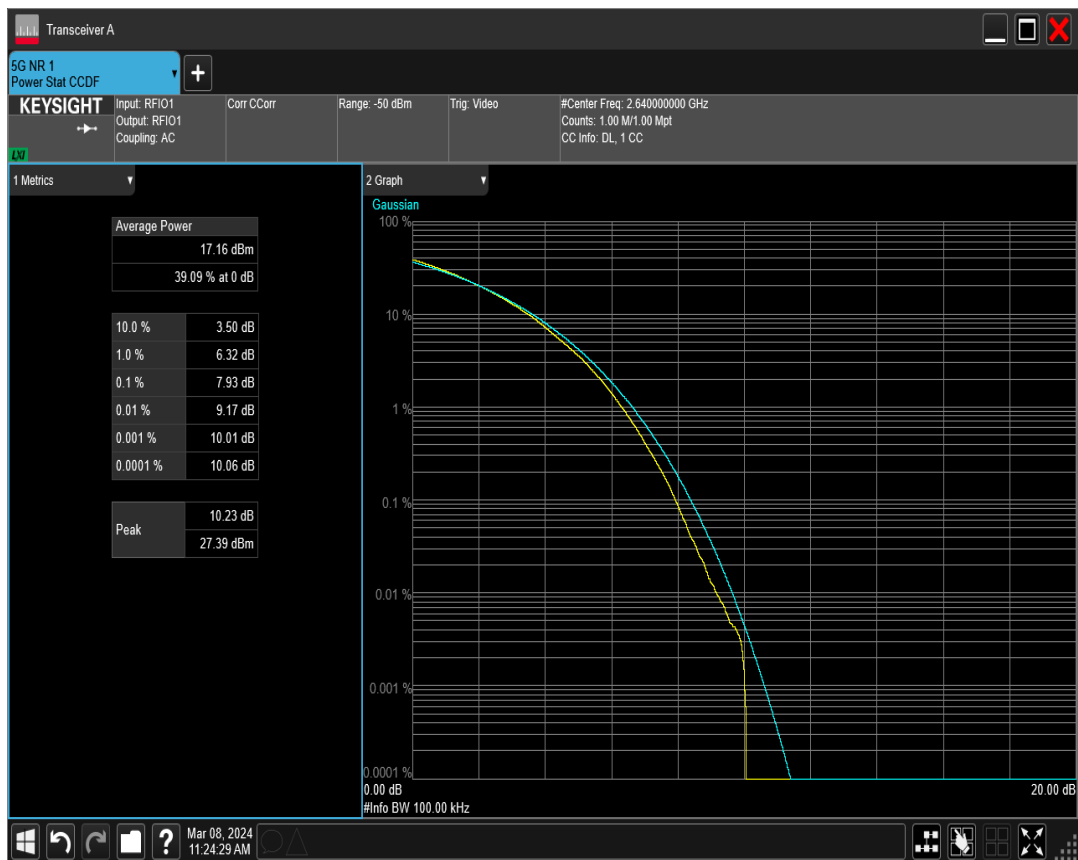
n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=509202 RB=270@0



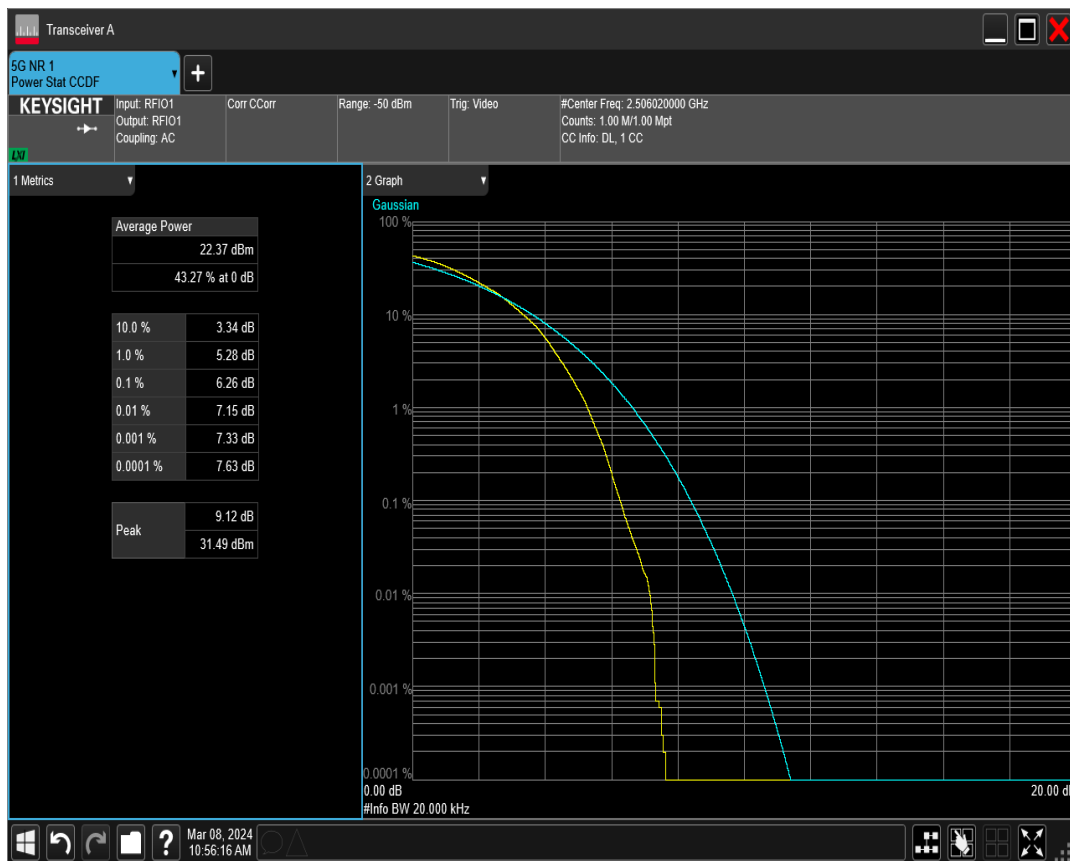
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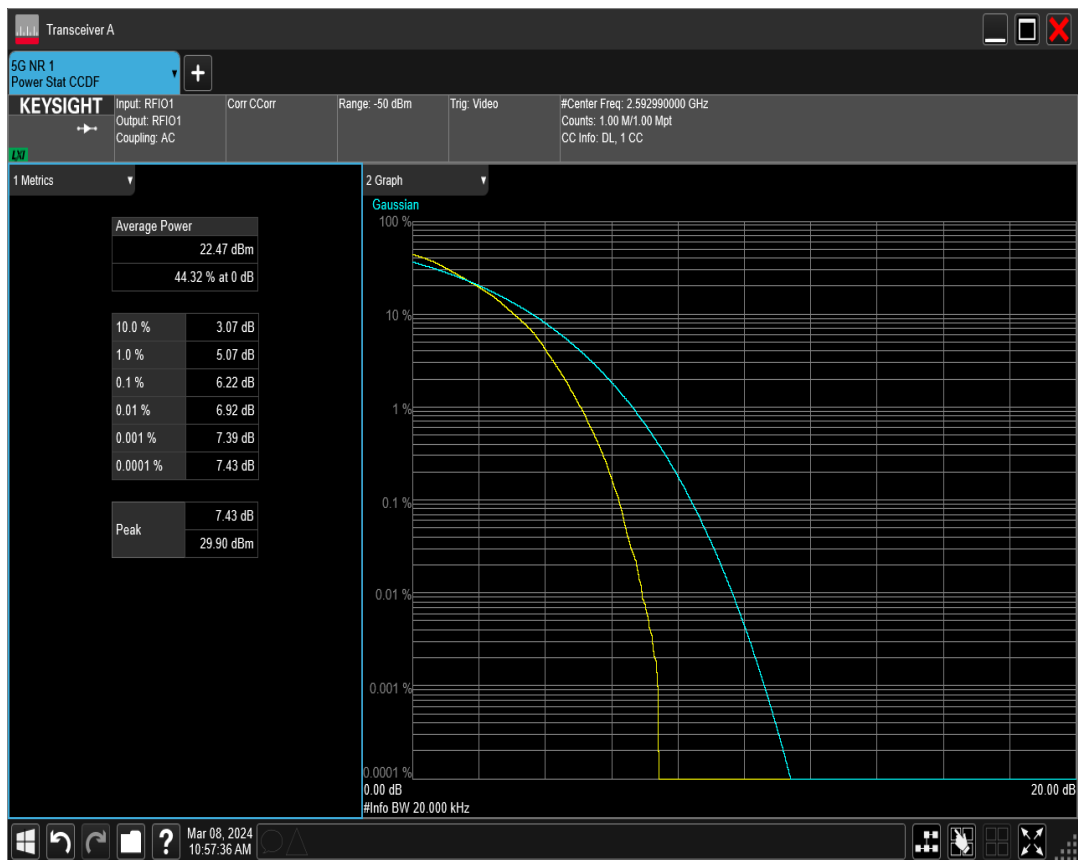
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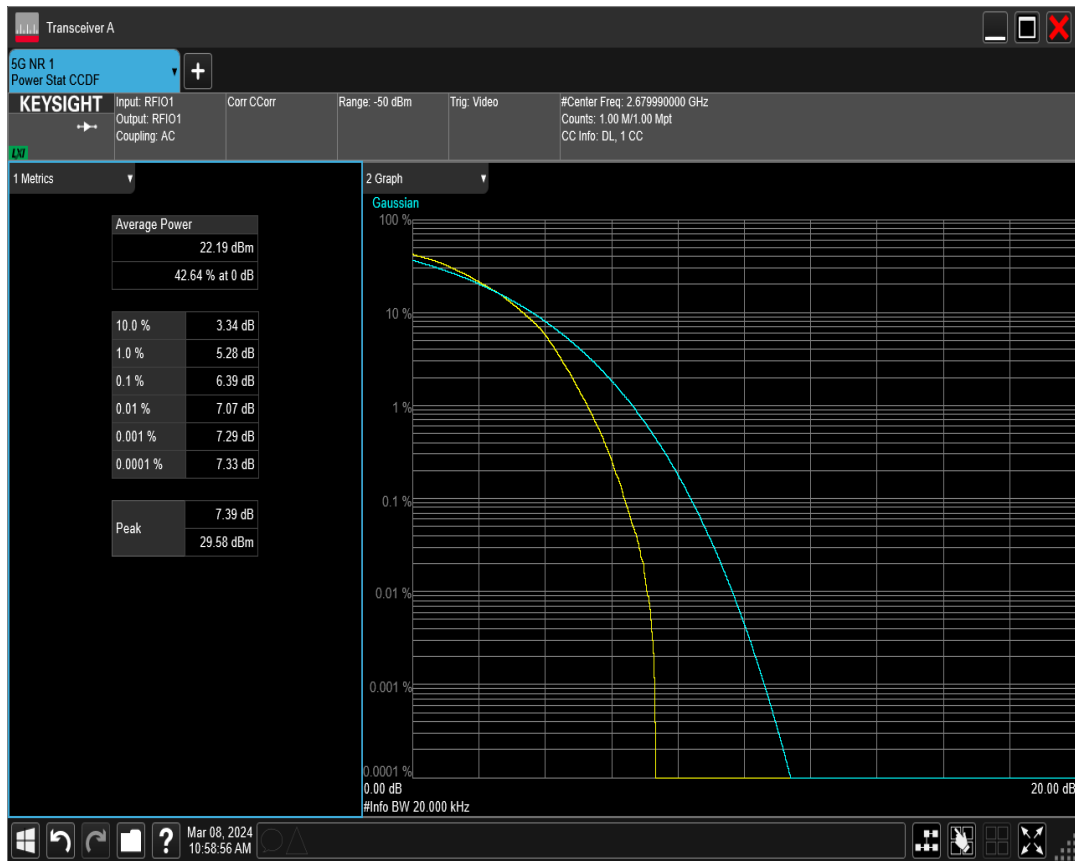
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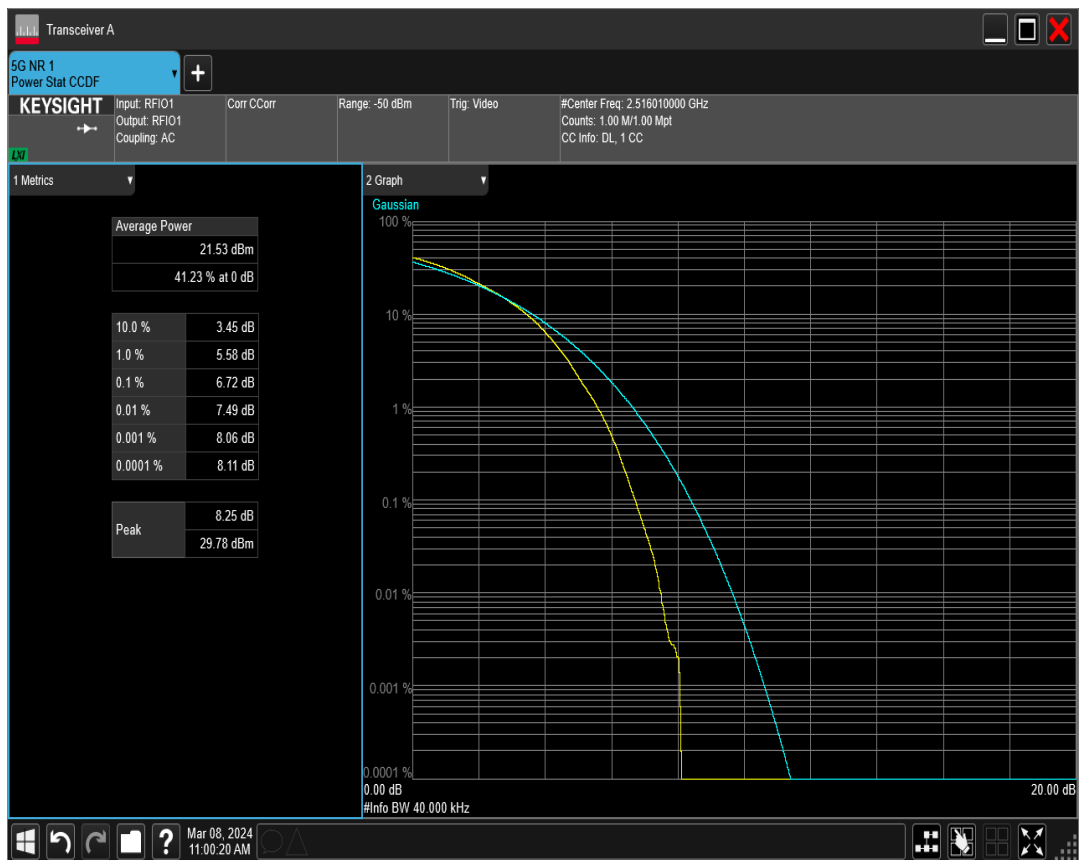
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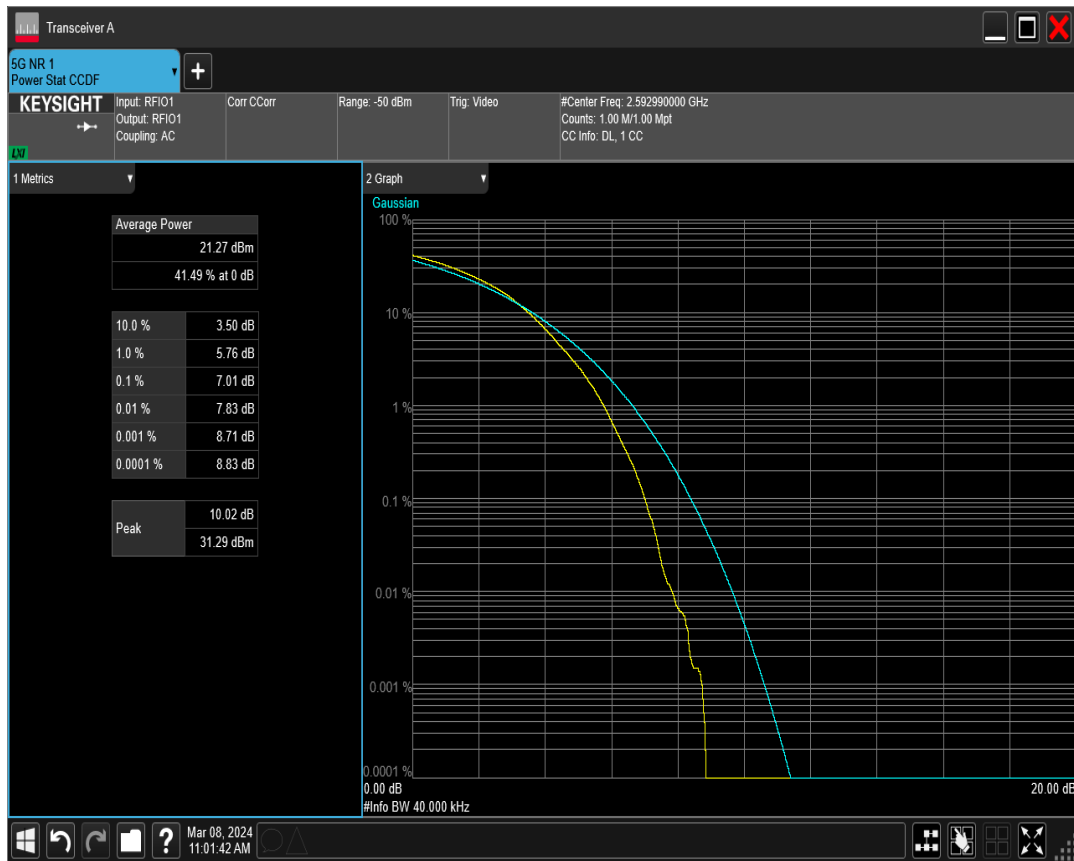
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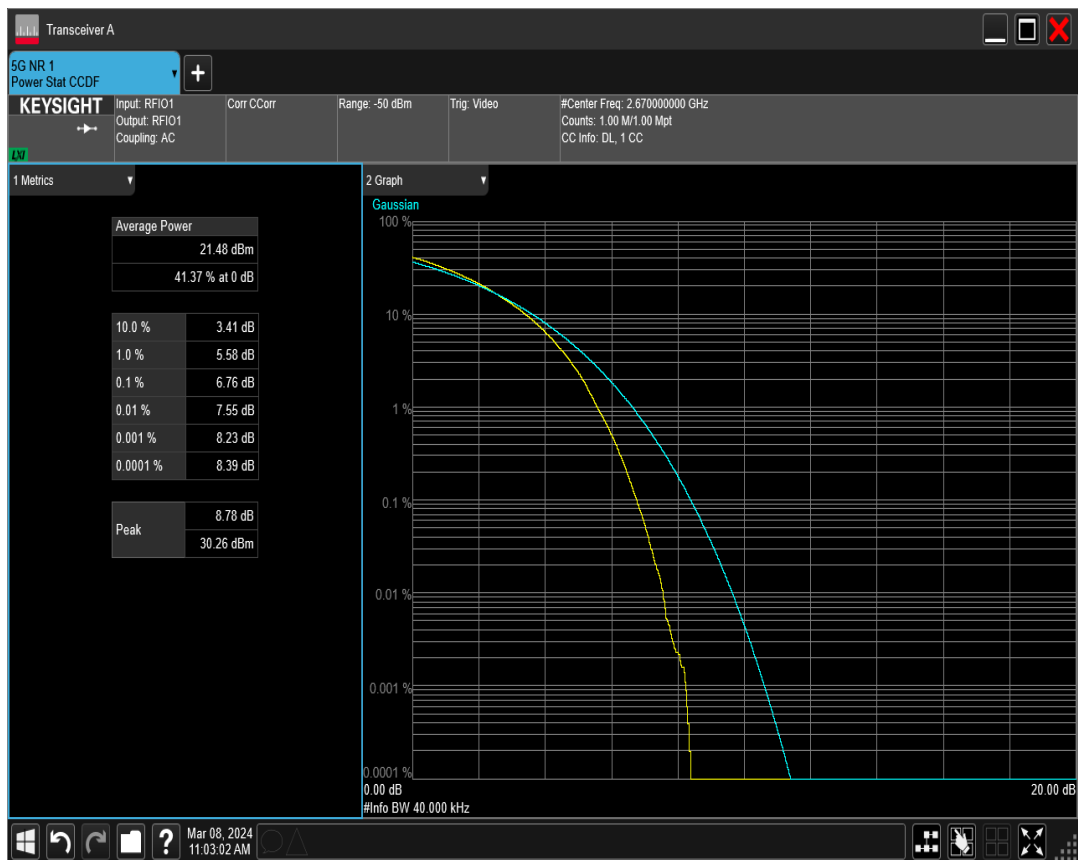
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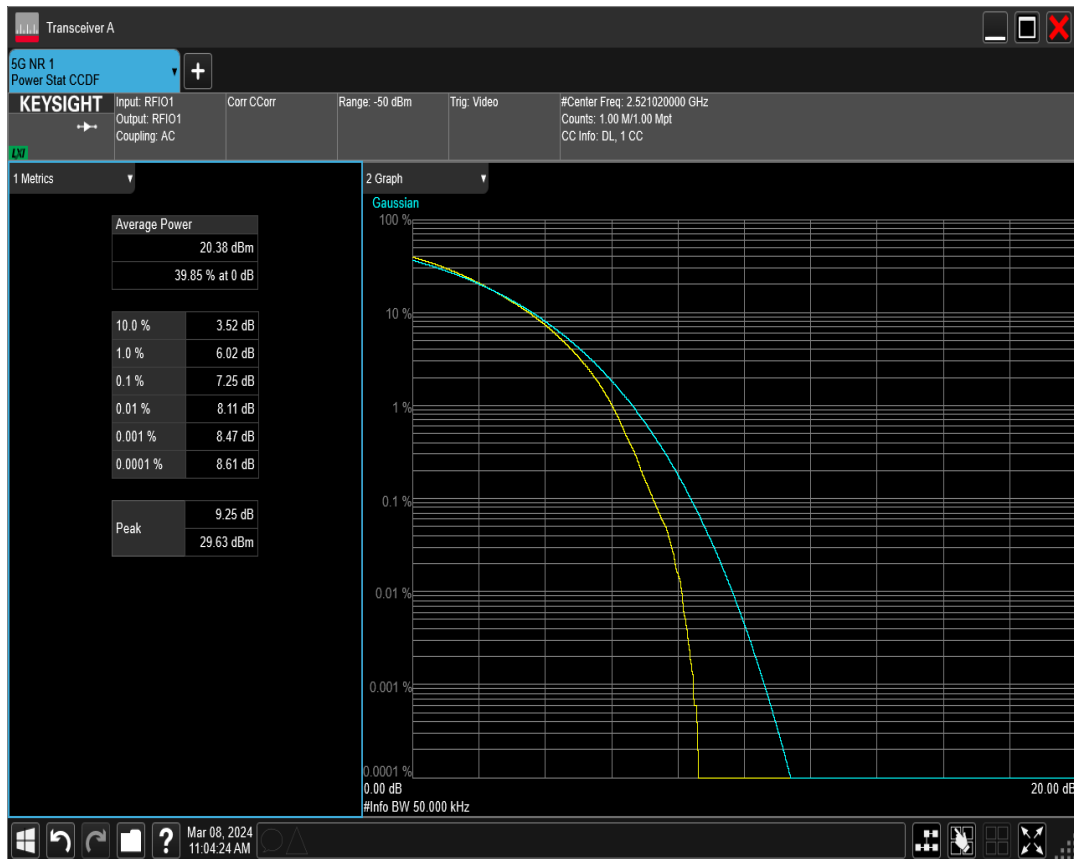
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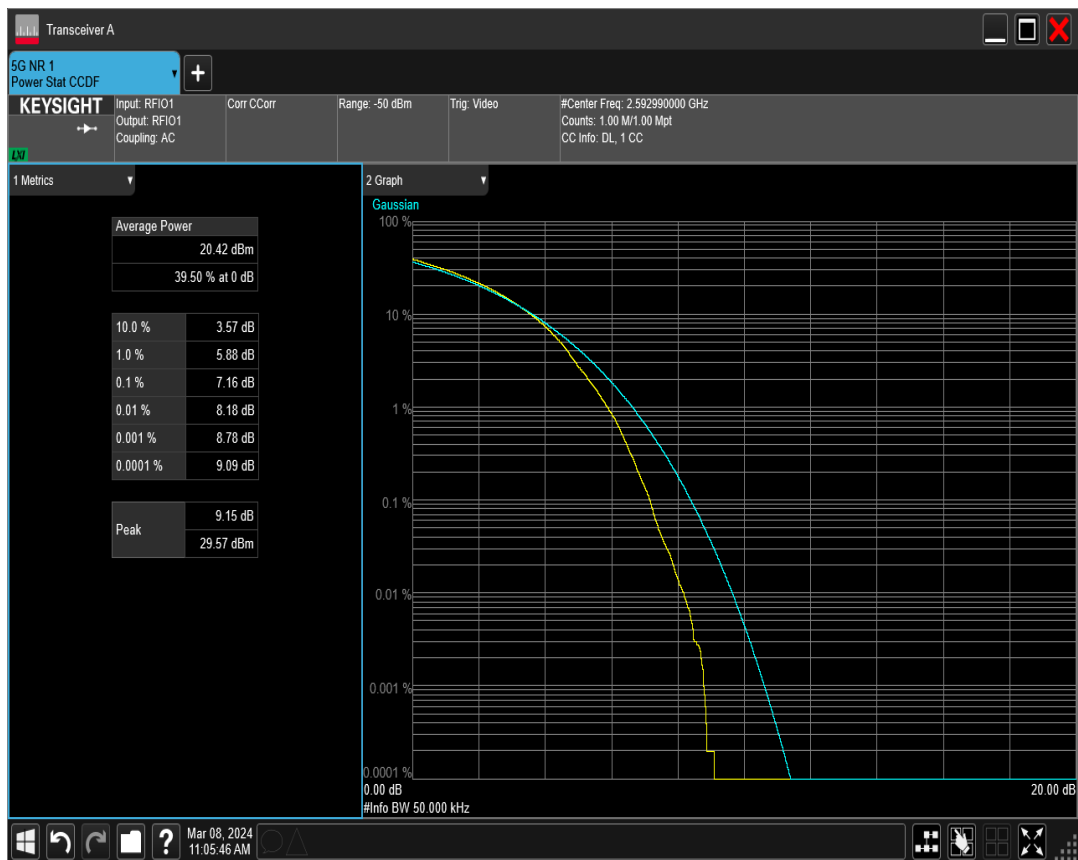
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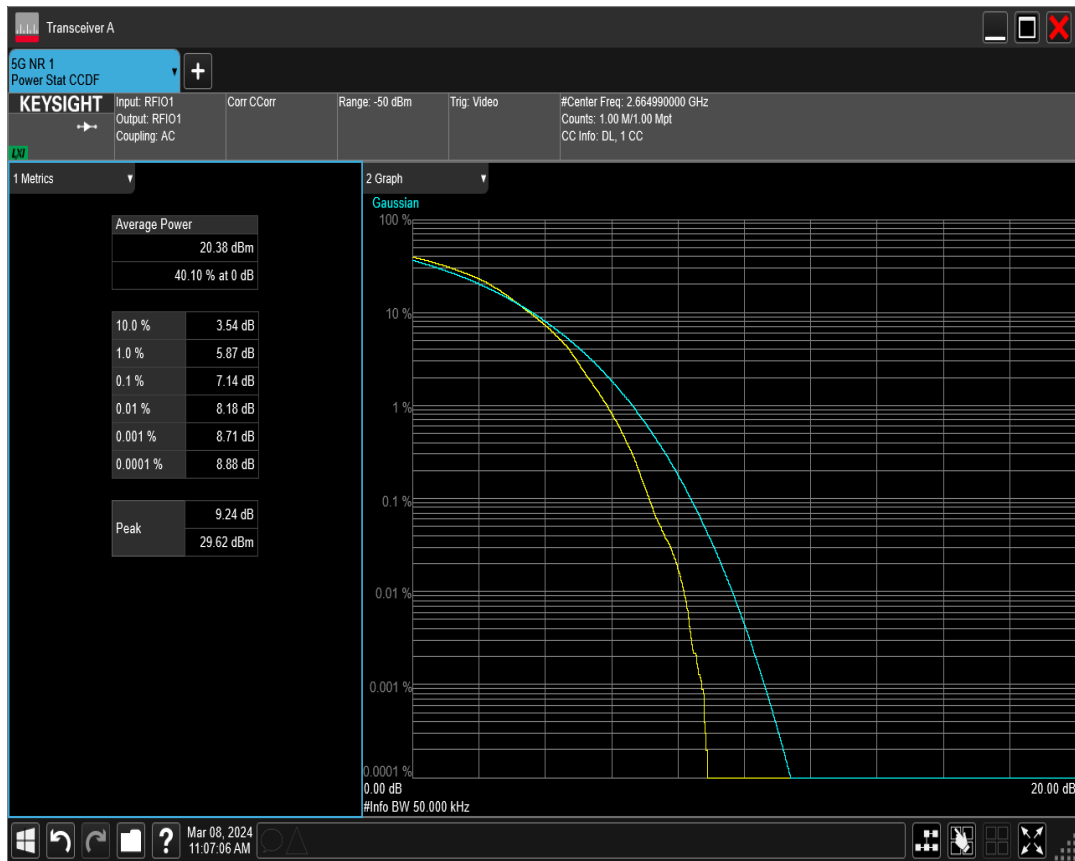
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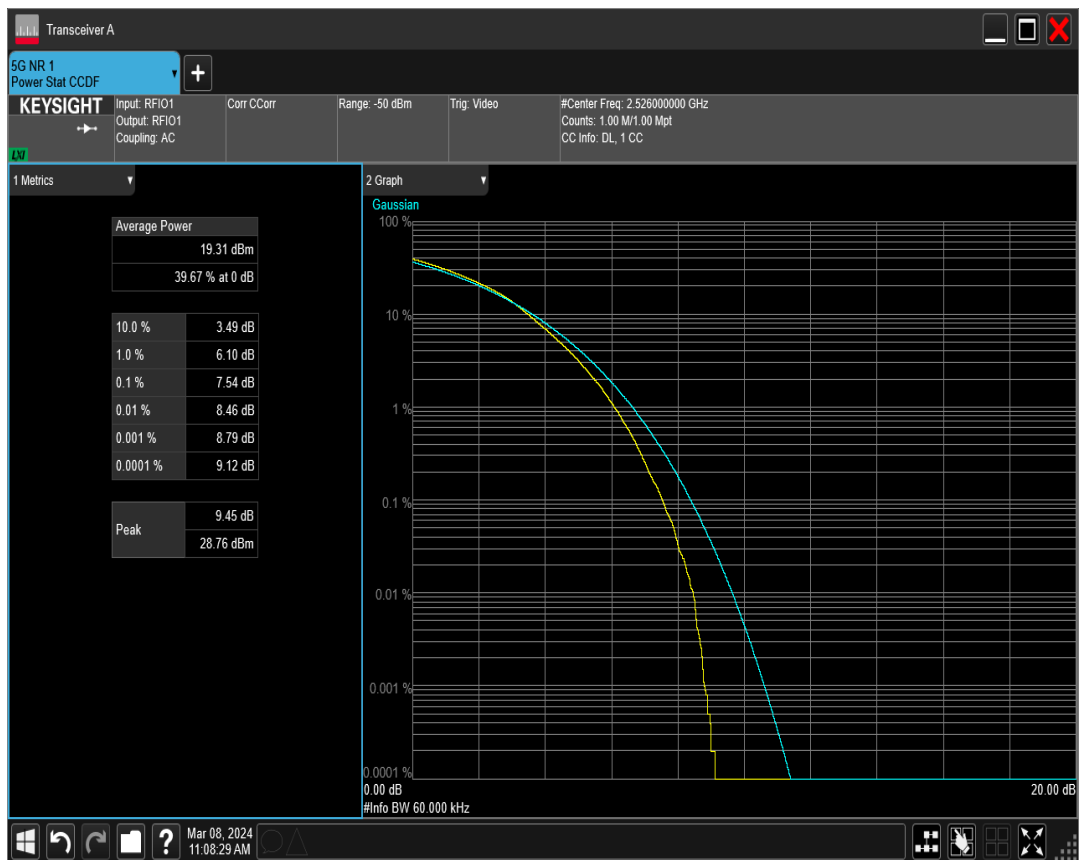
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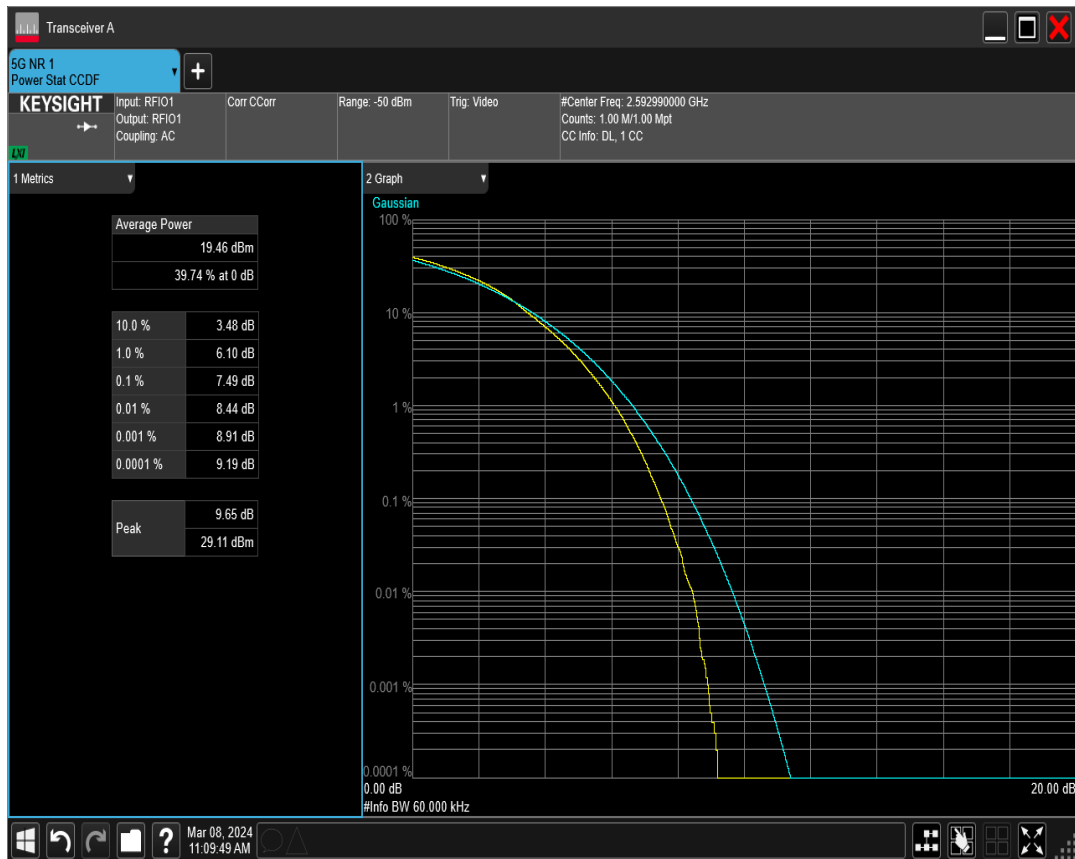
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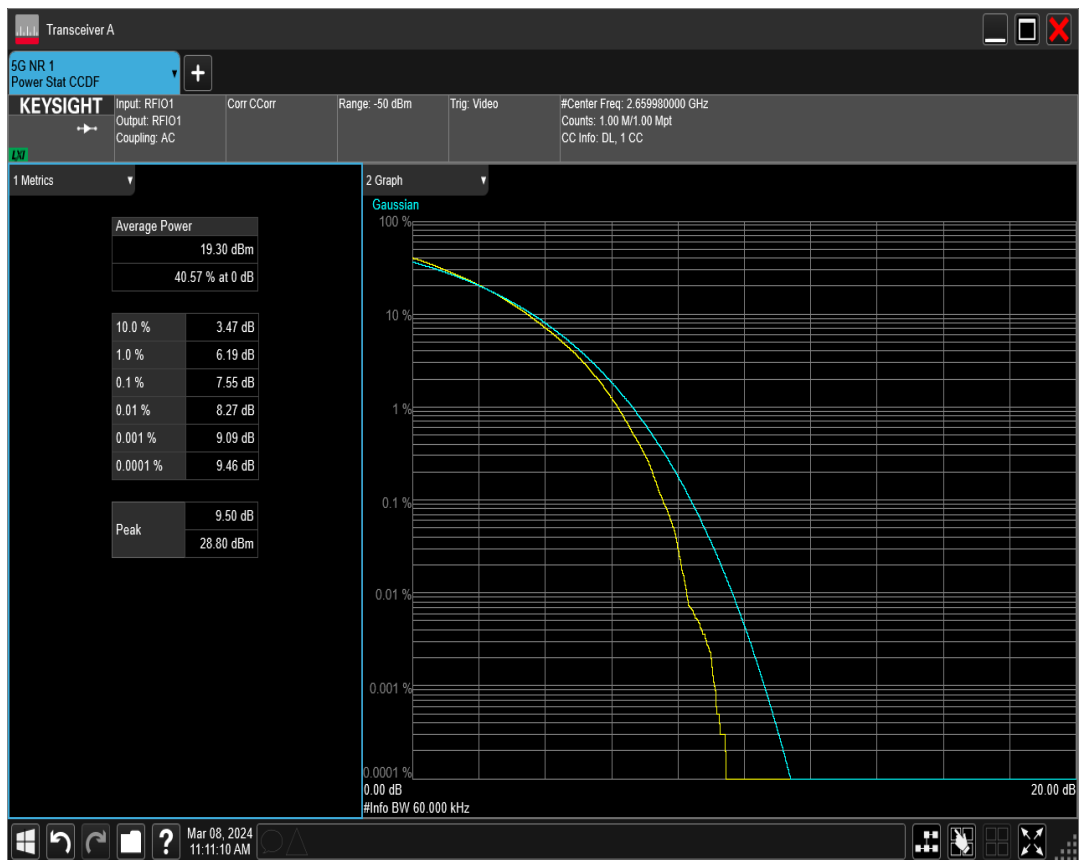
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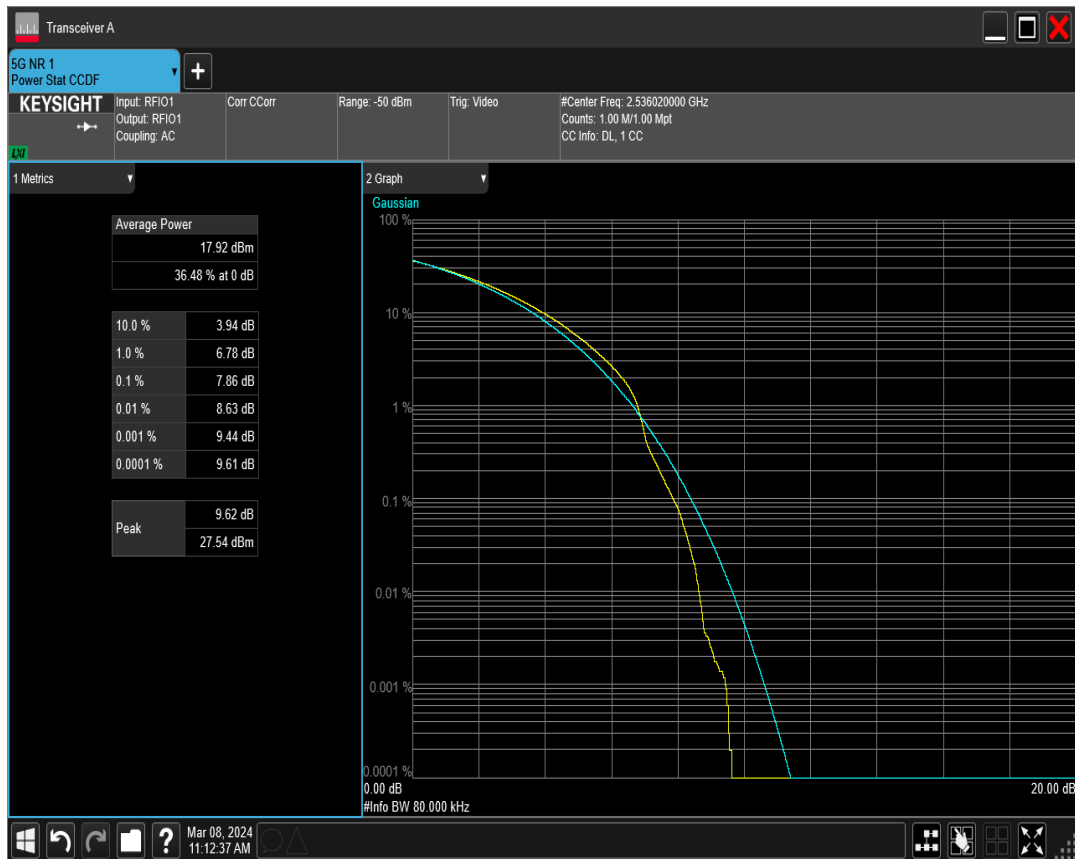
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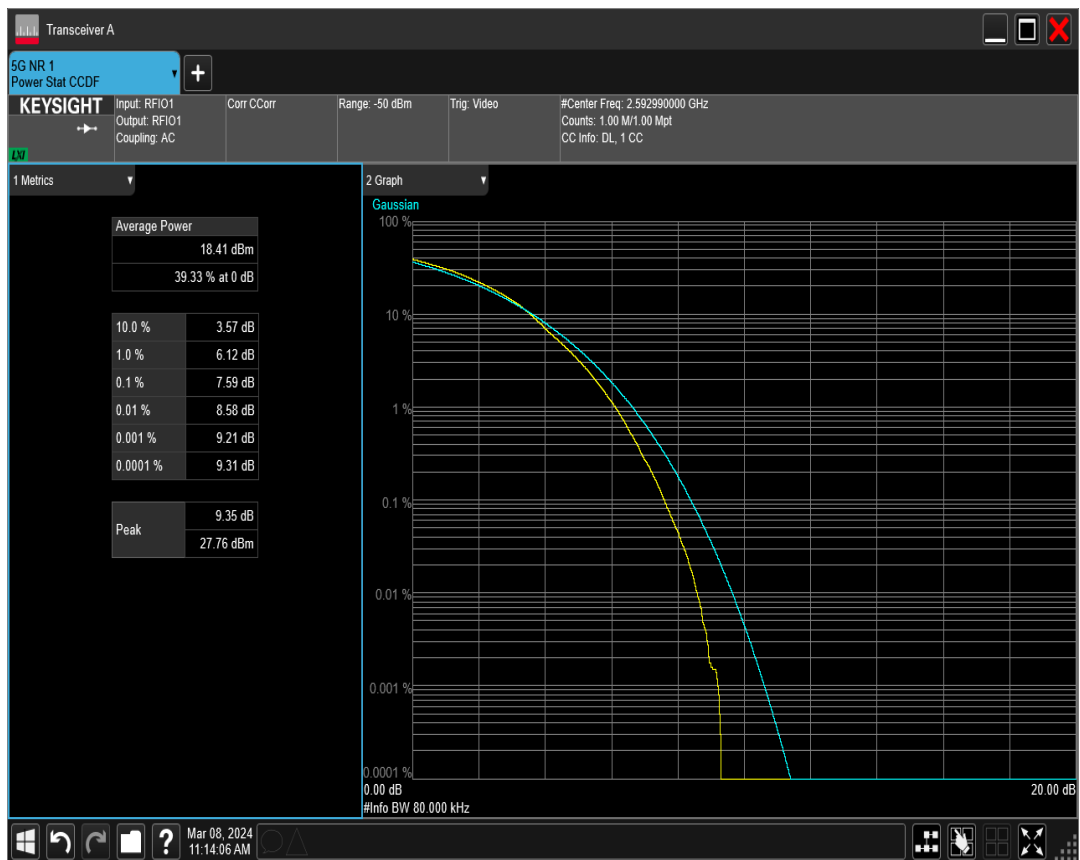
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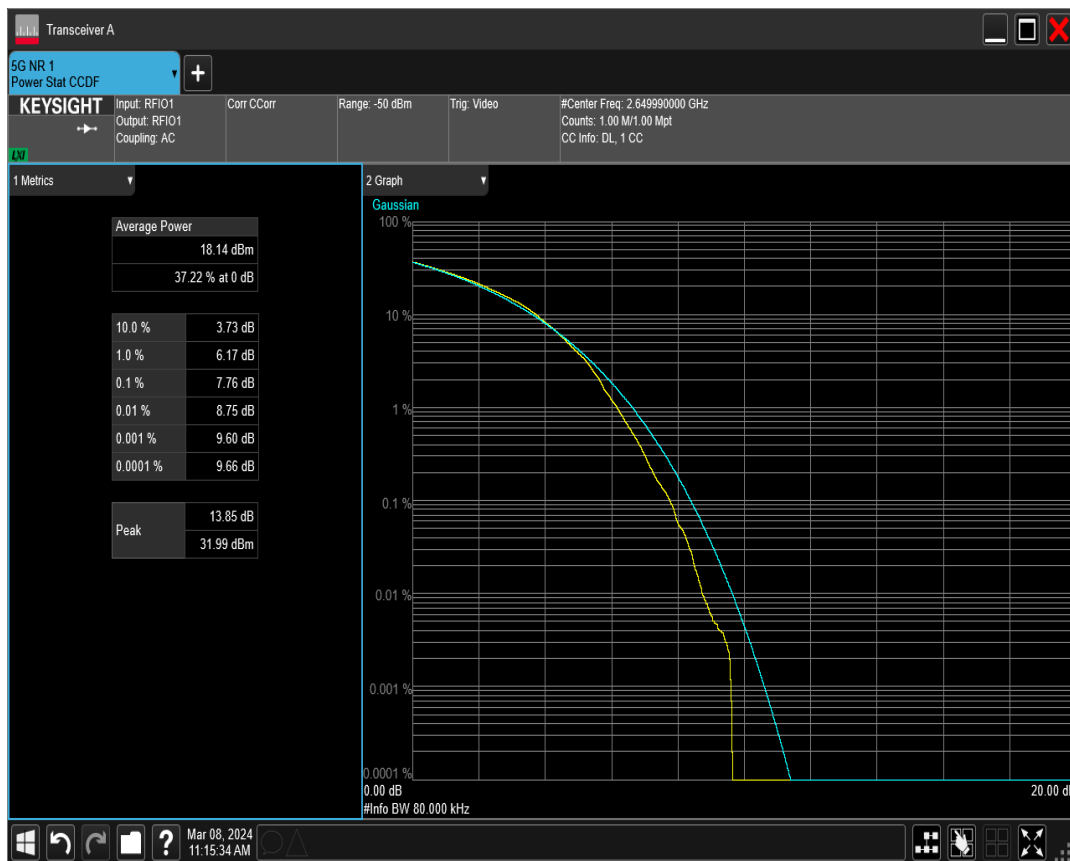
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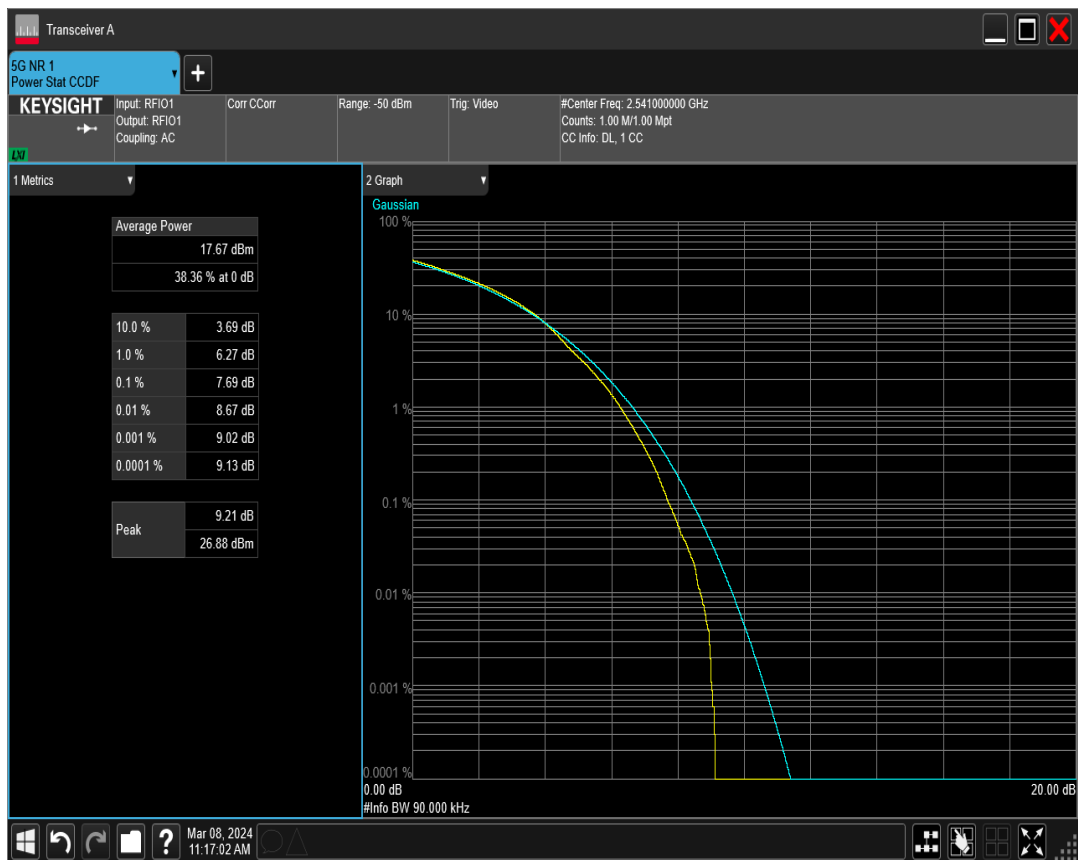
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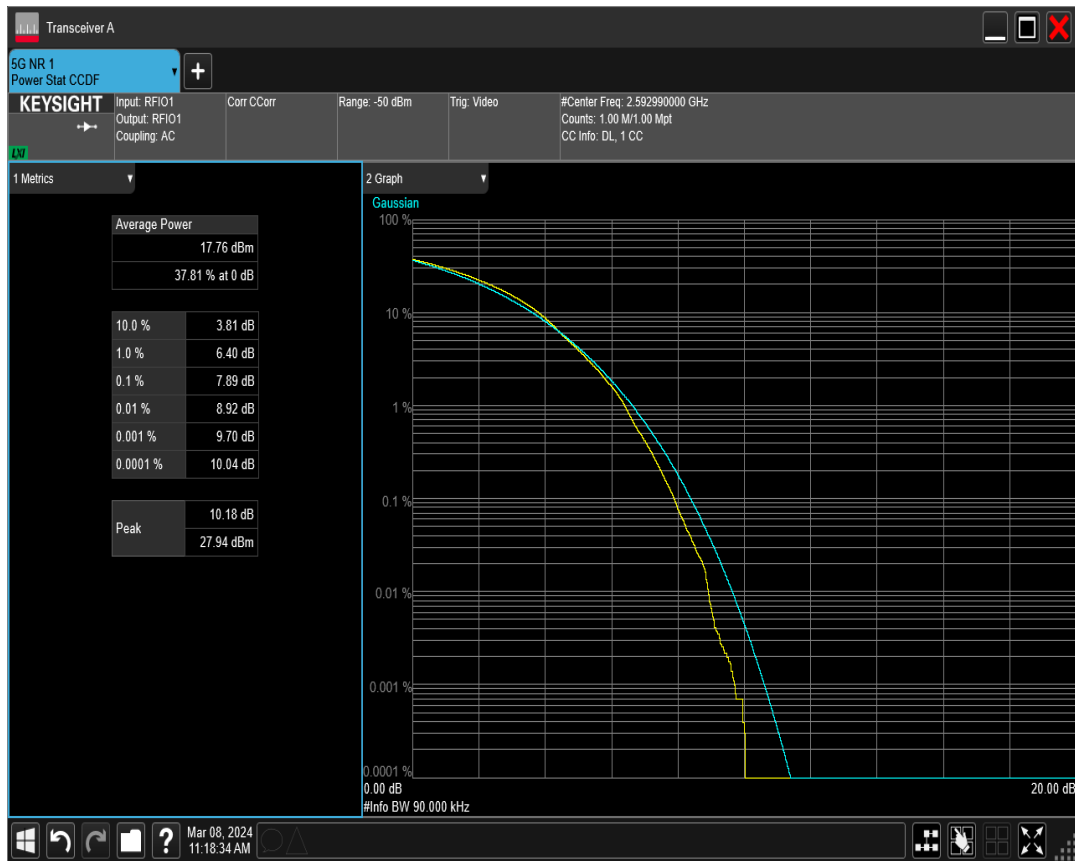
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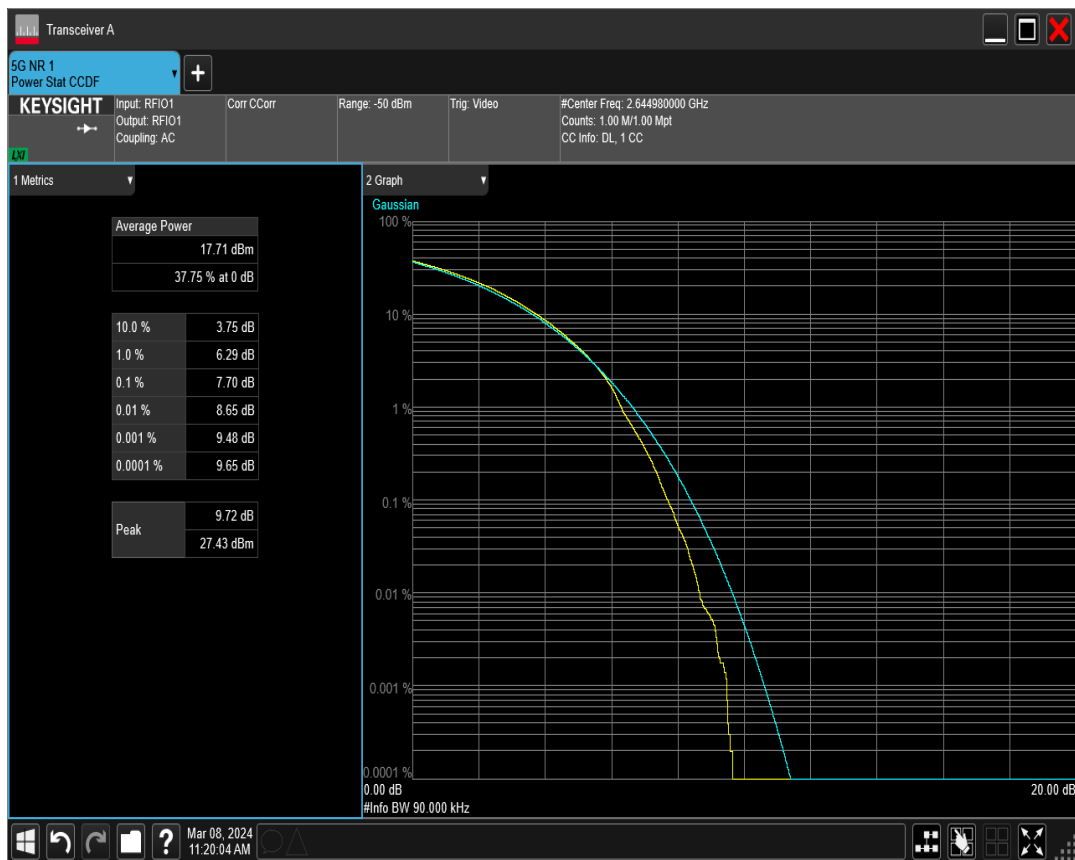
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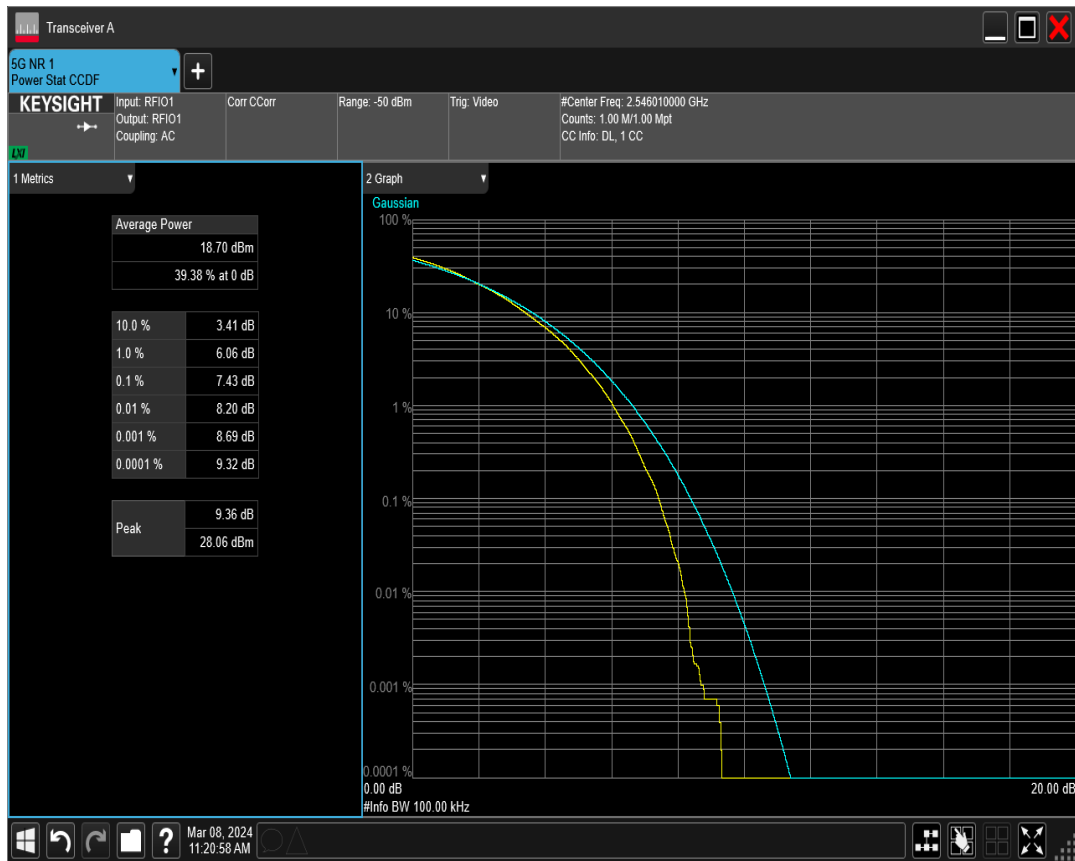
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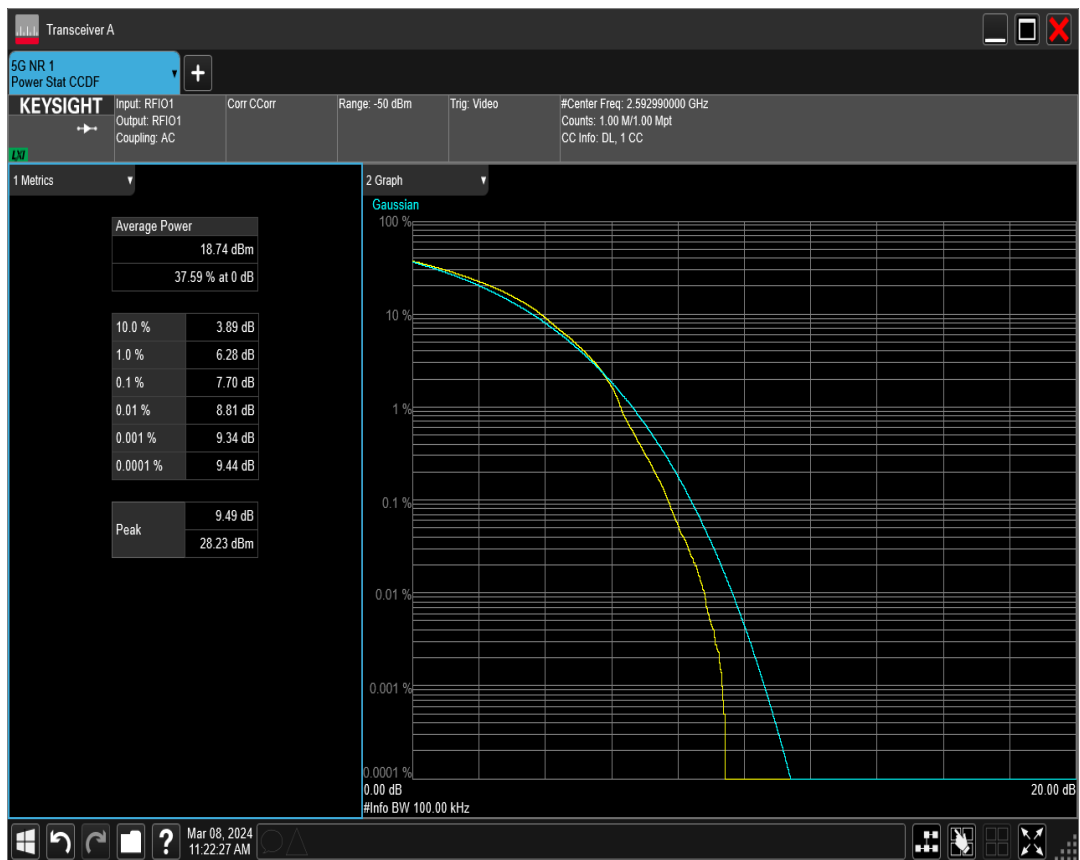
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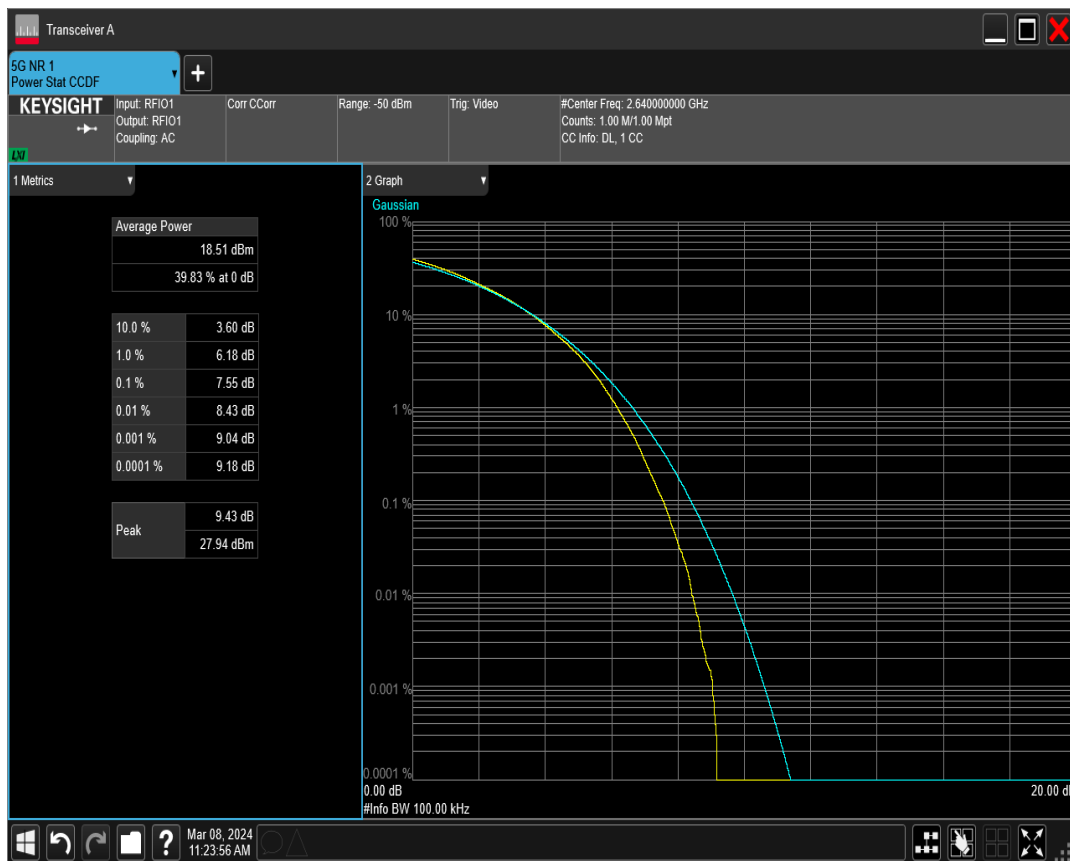
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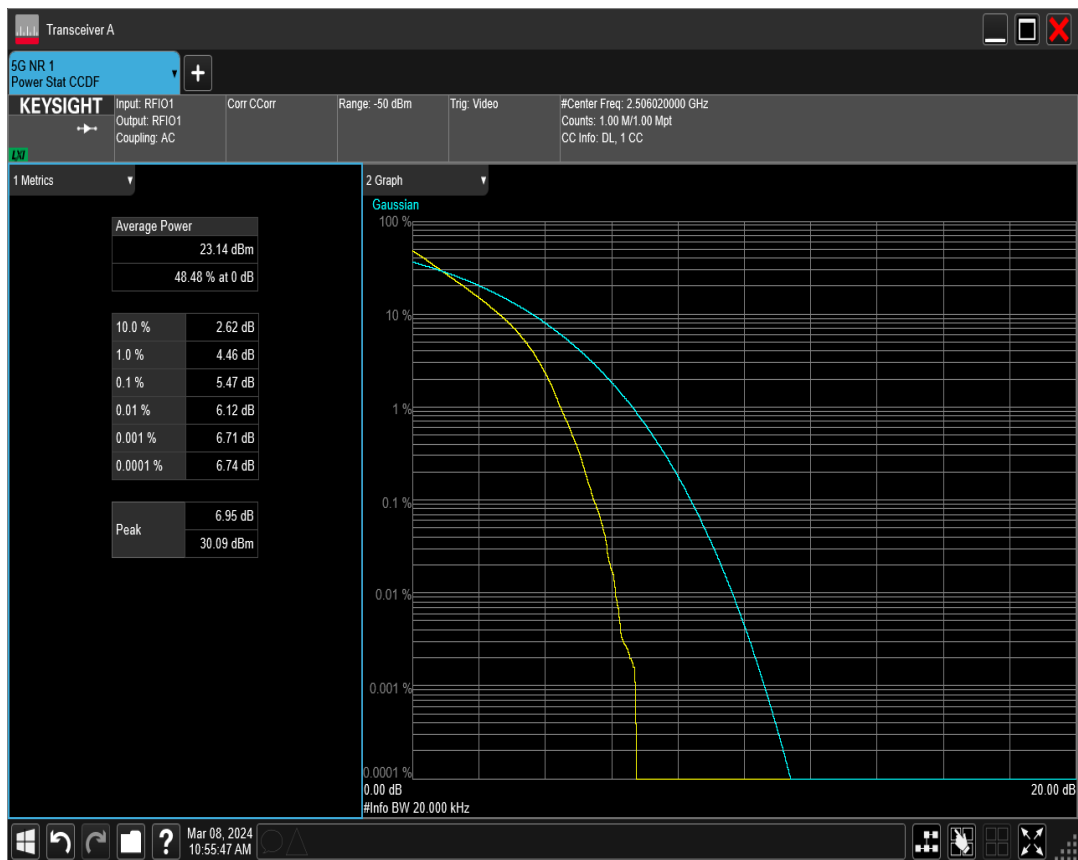
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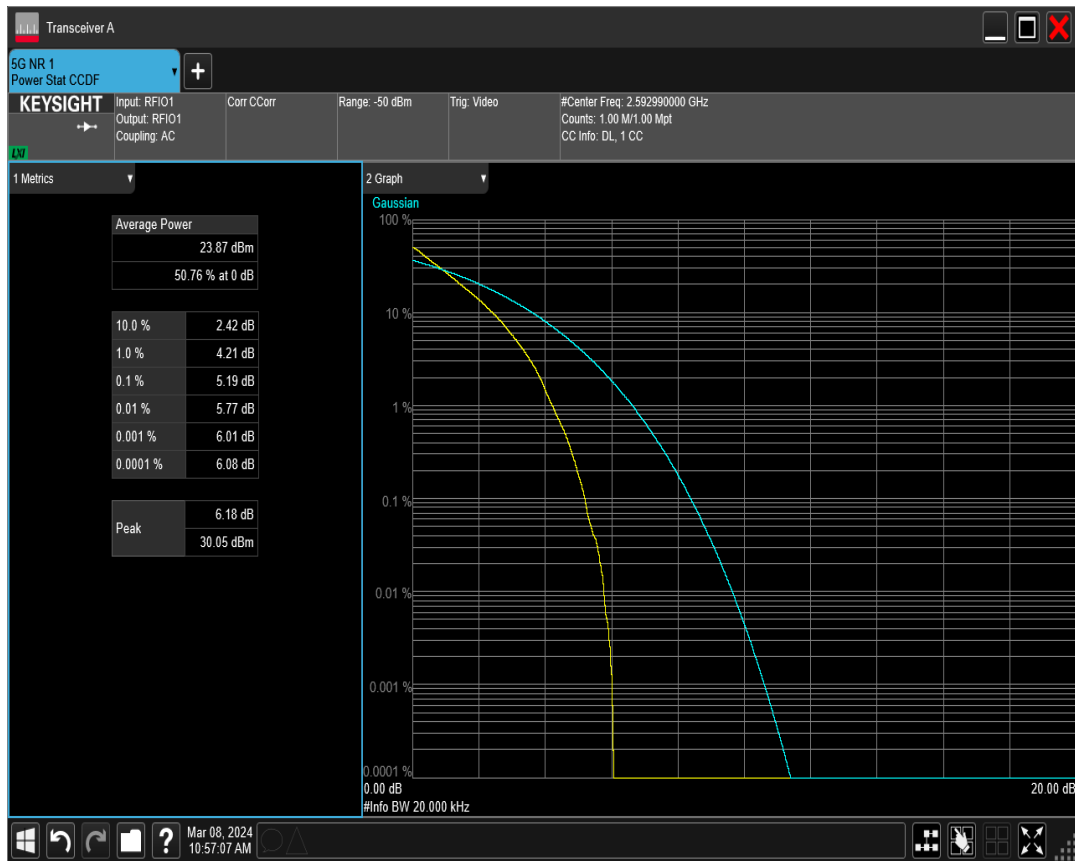
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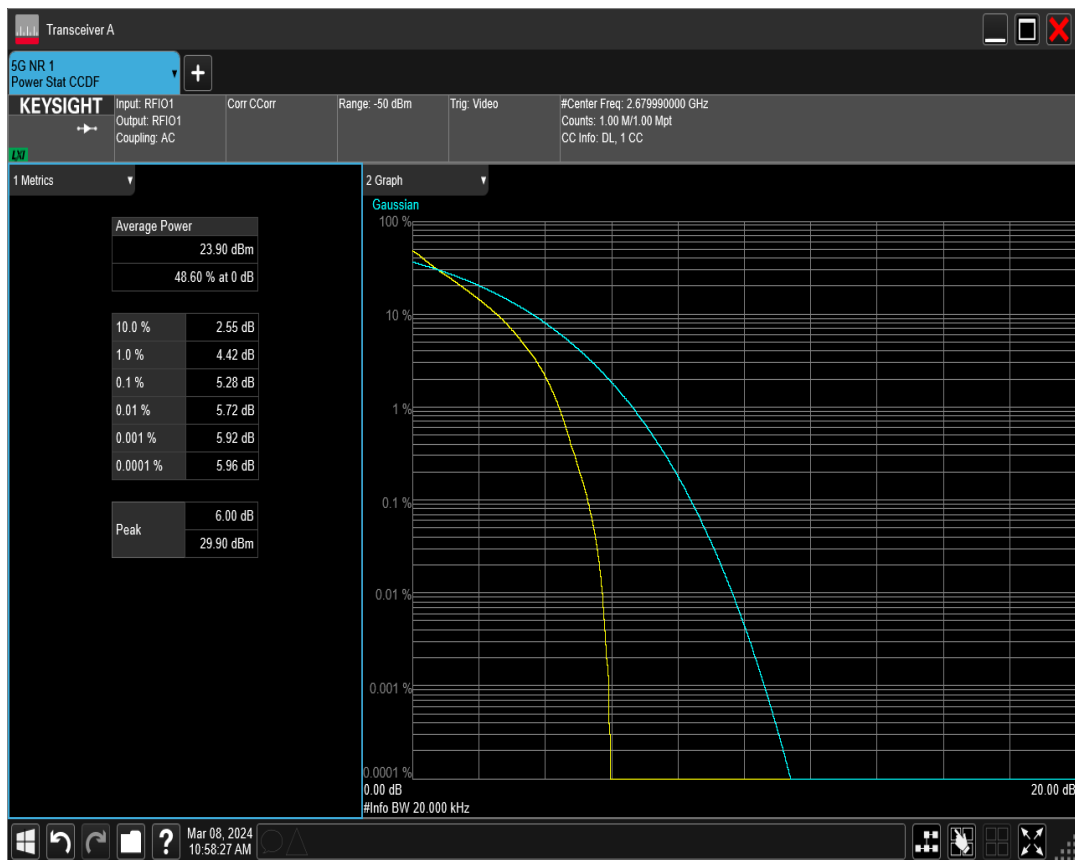
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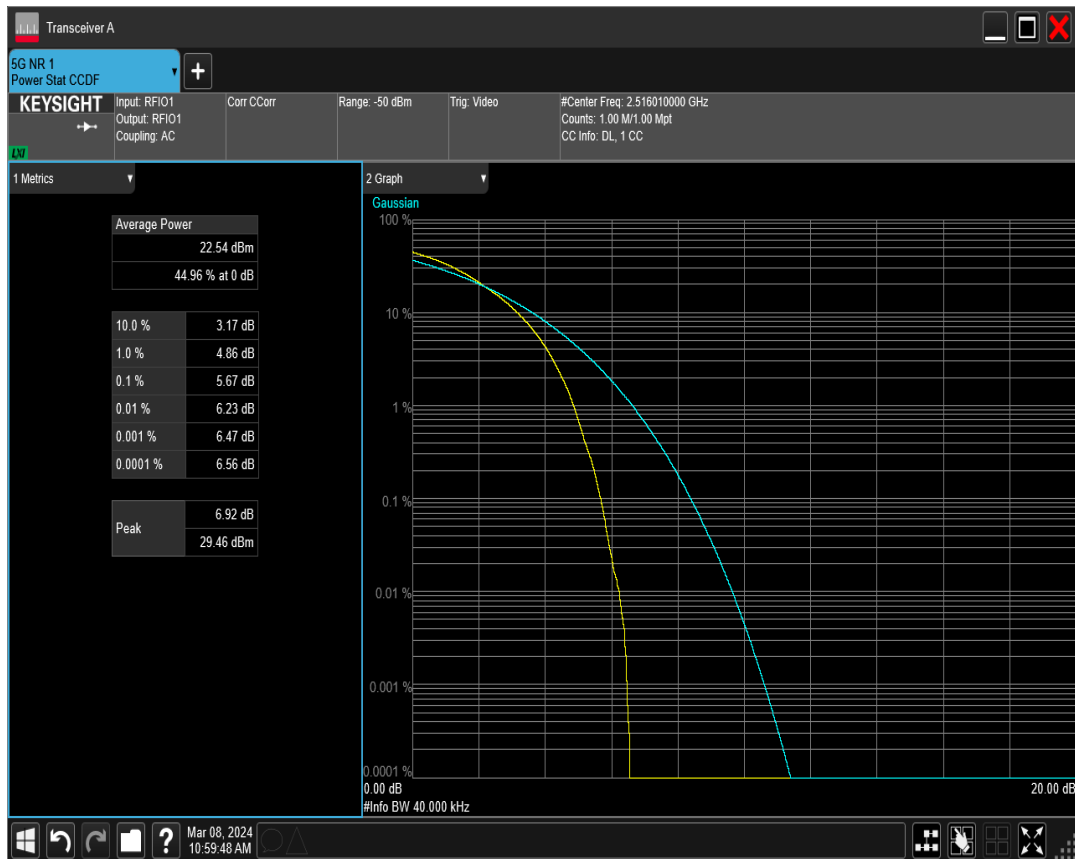
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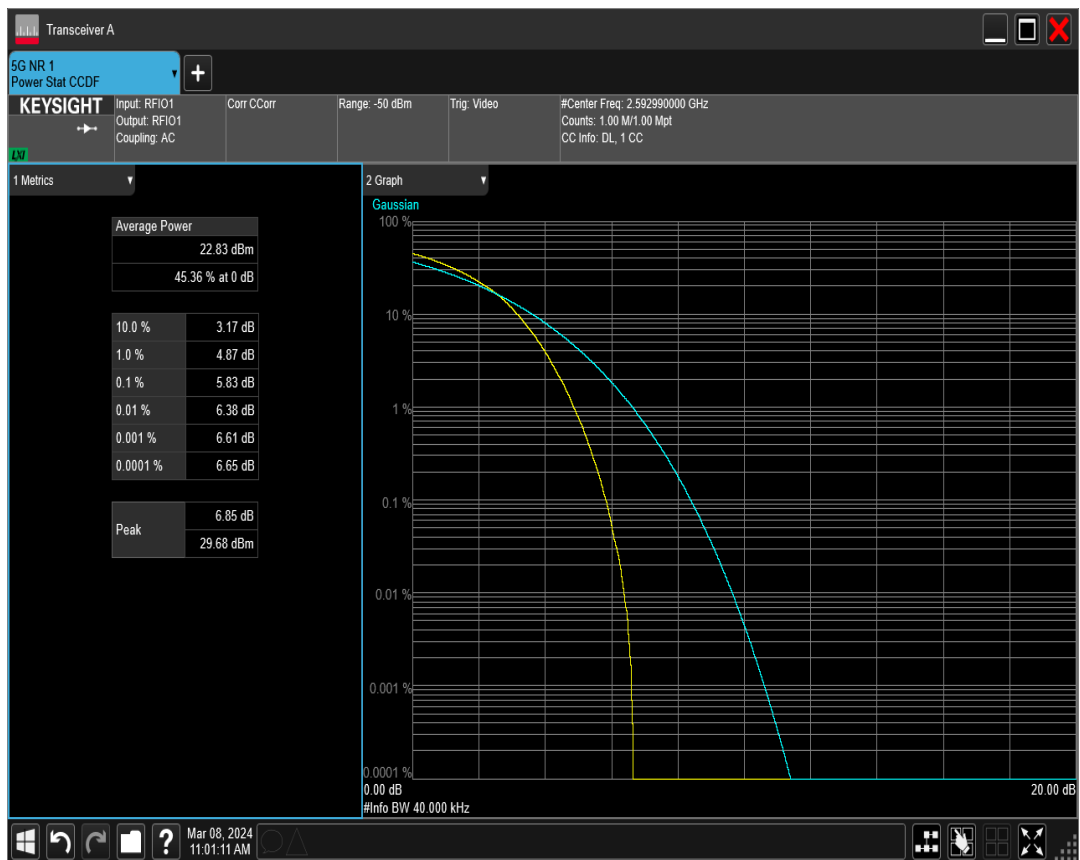
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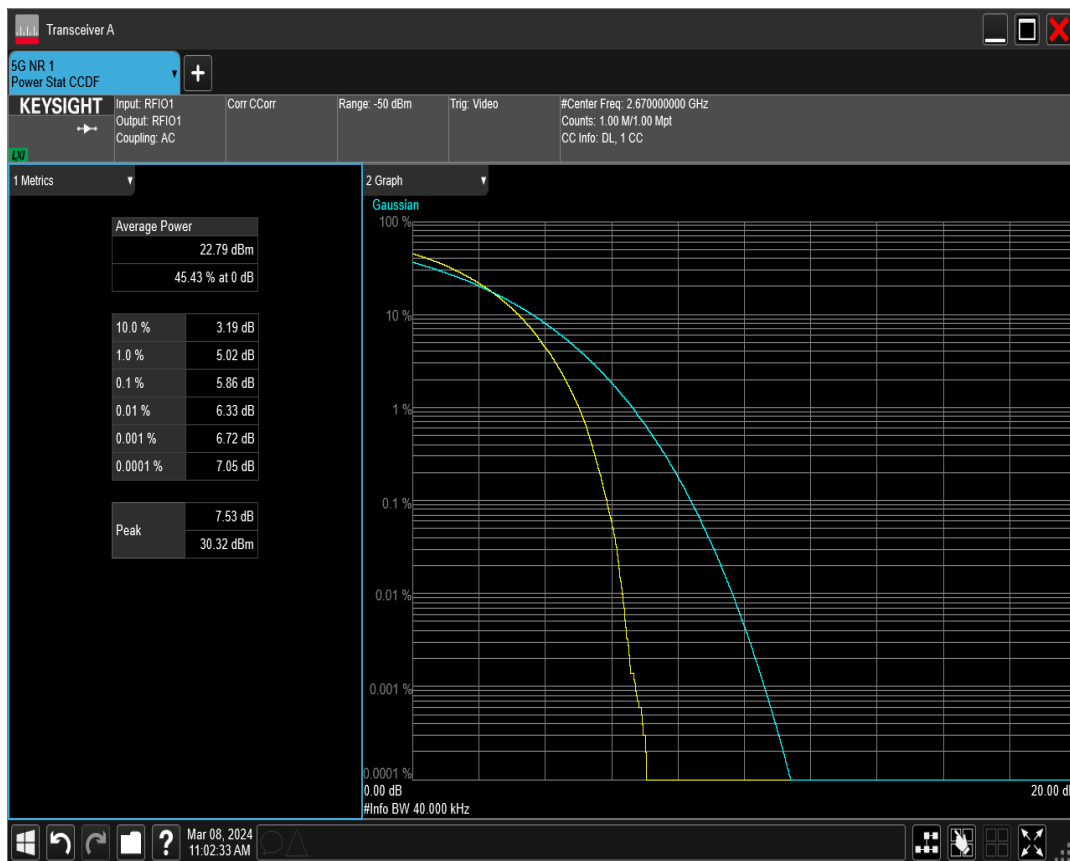
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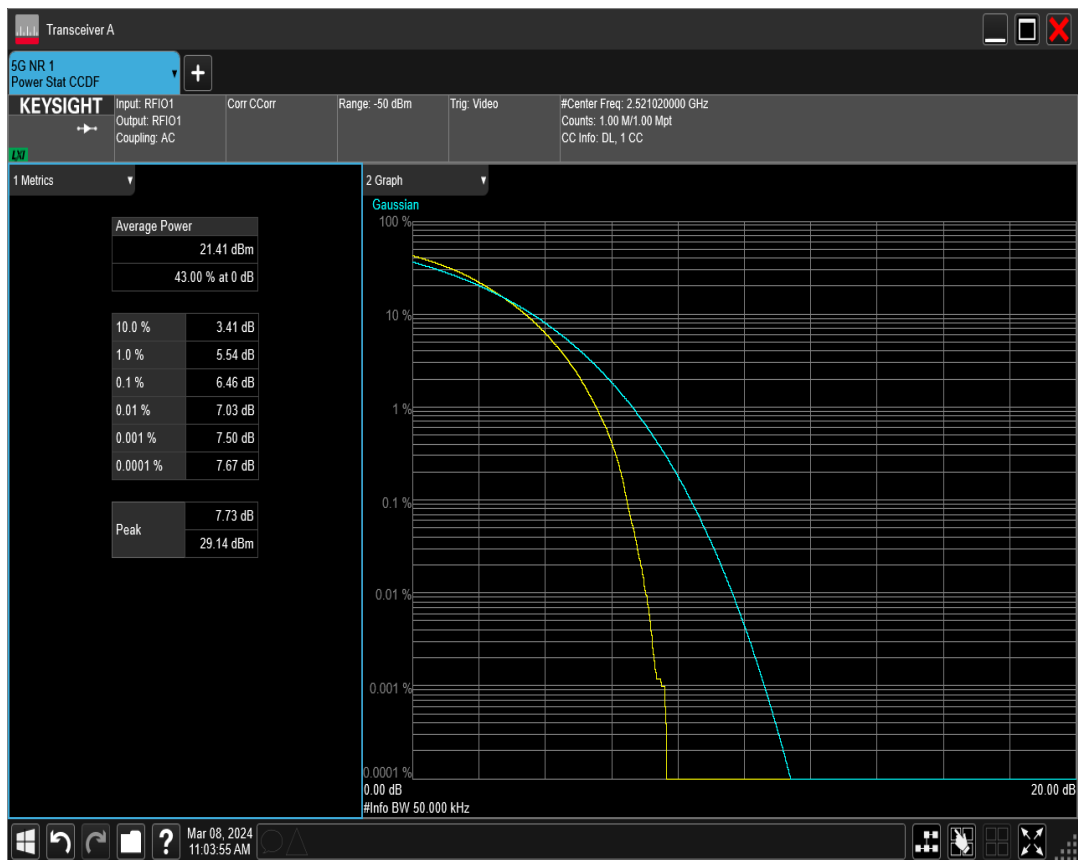
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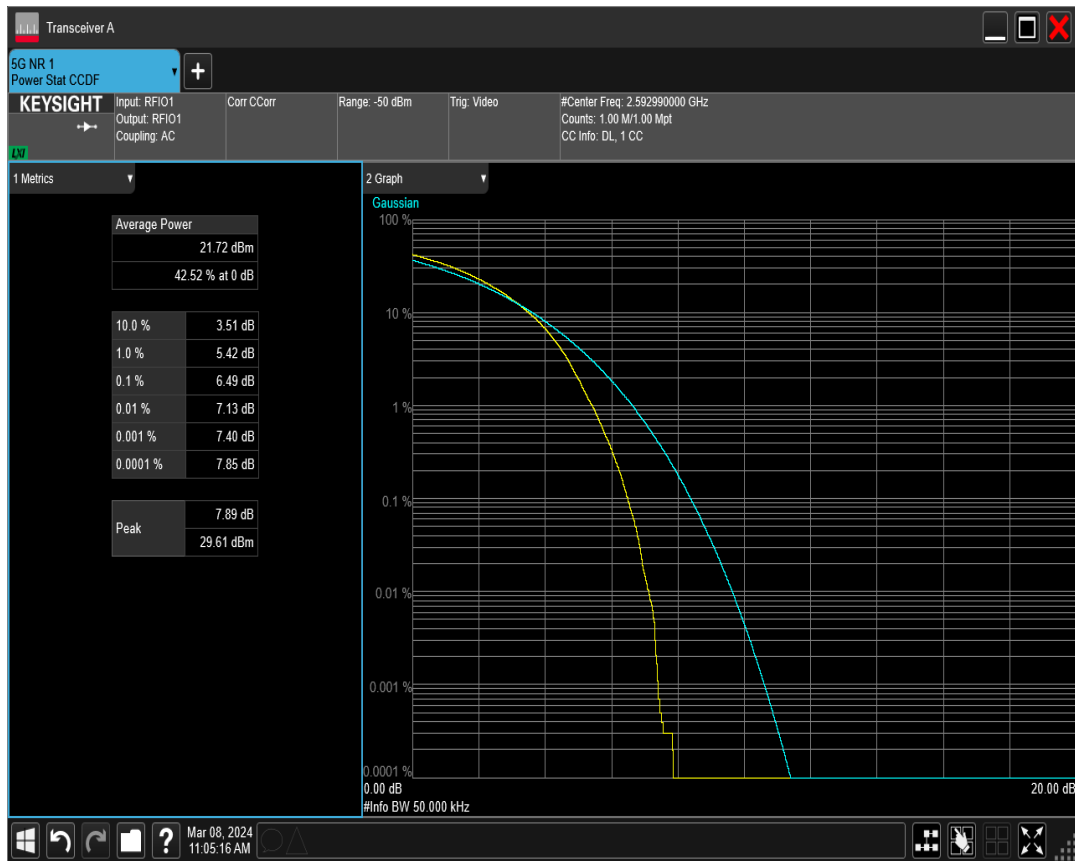
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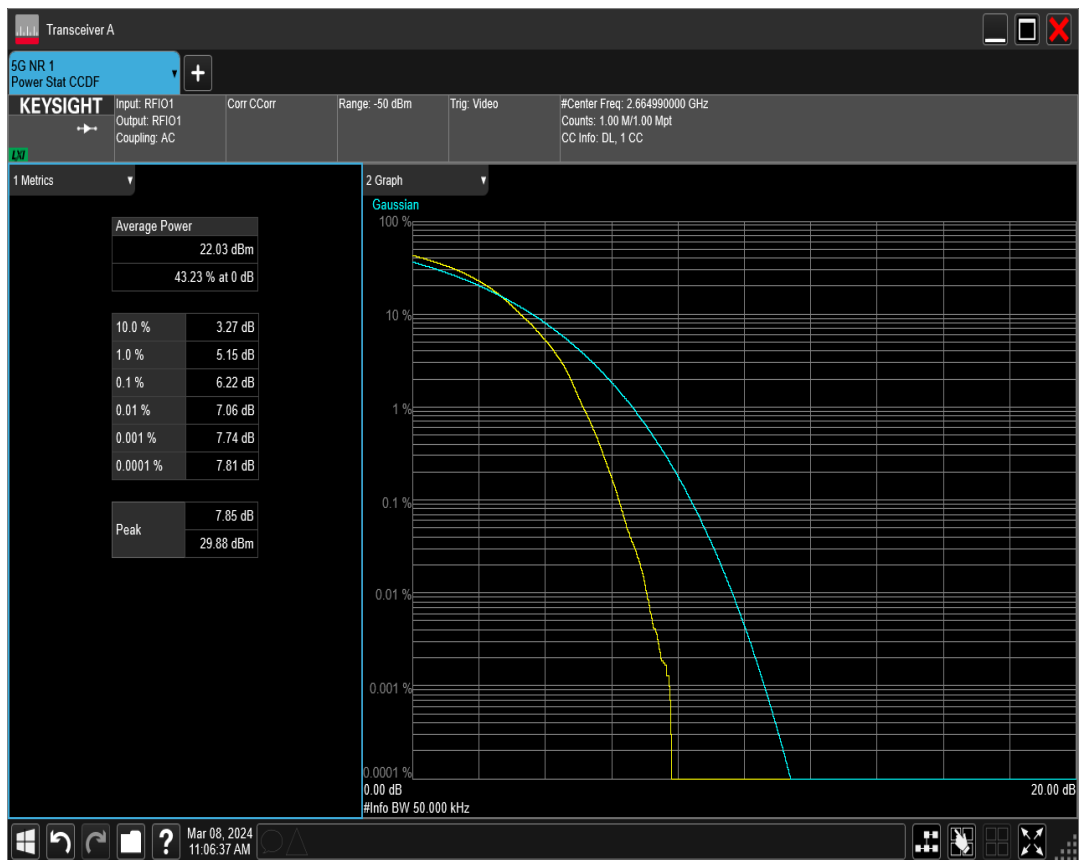
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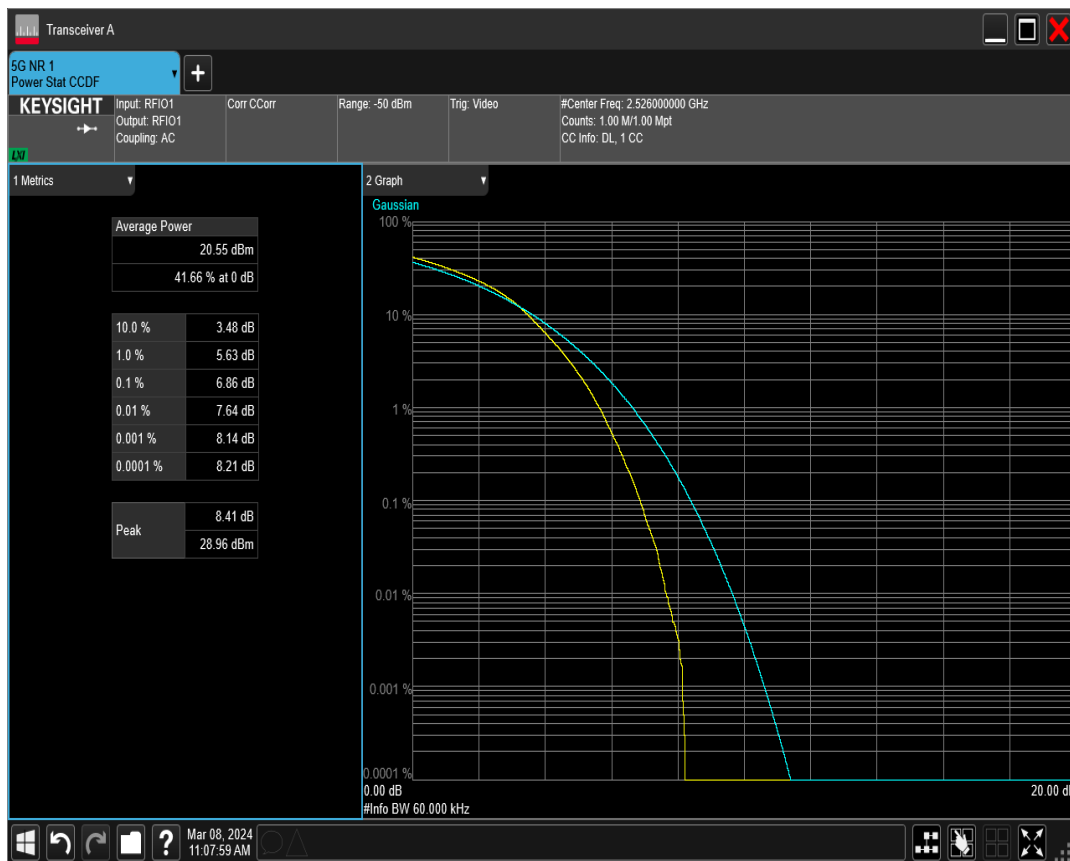
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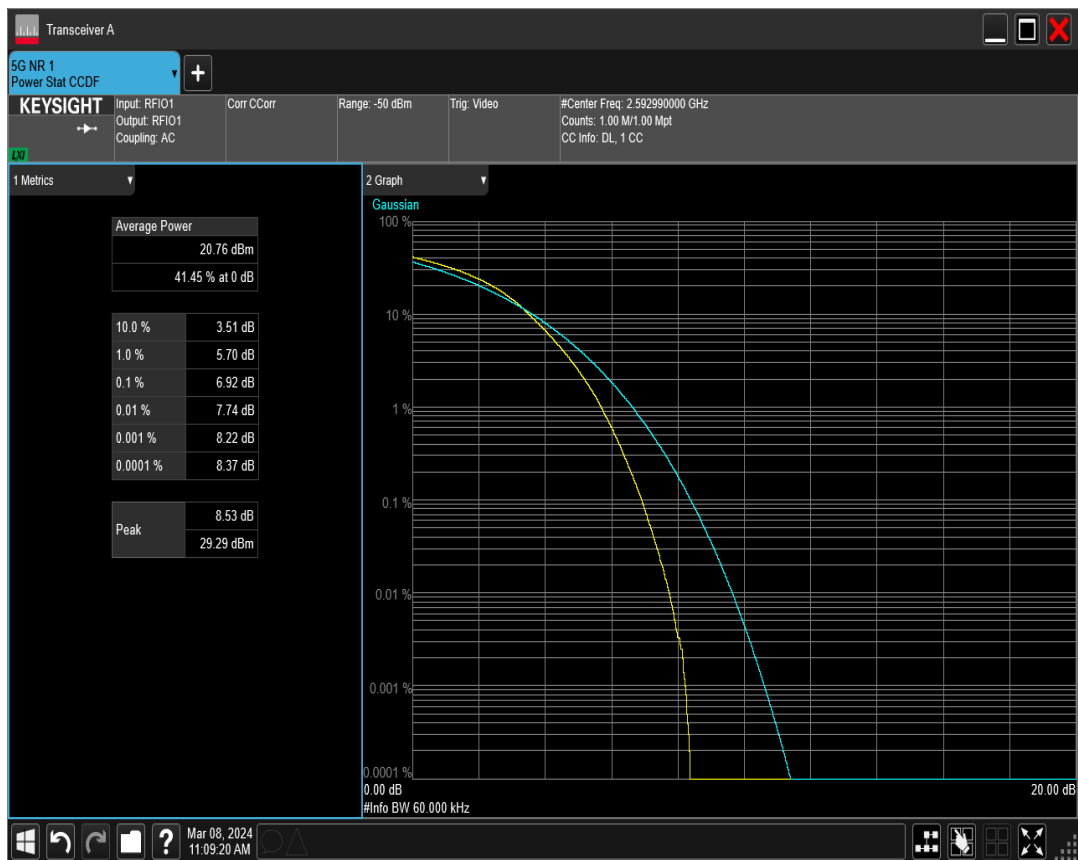
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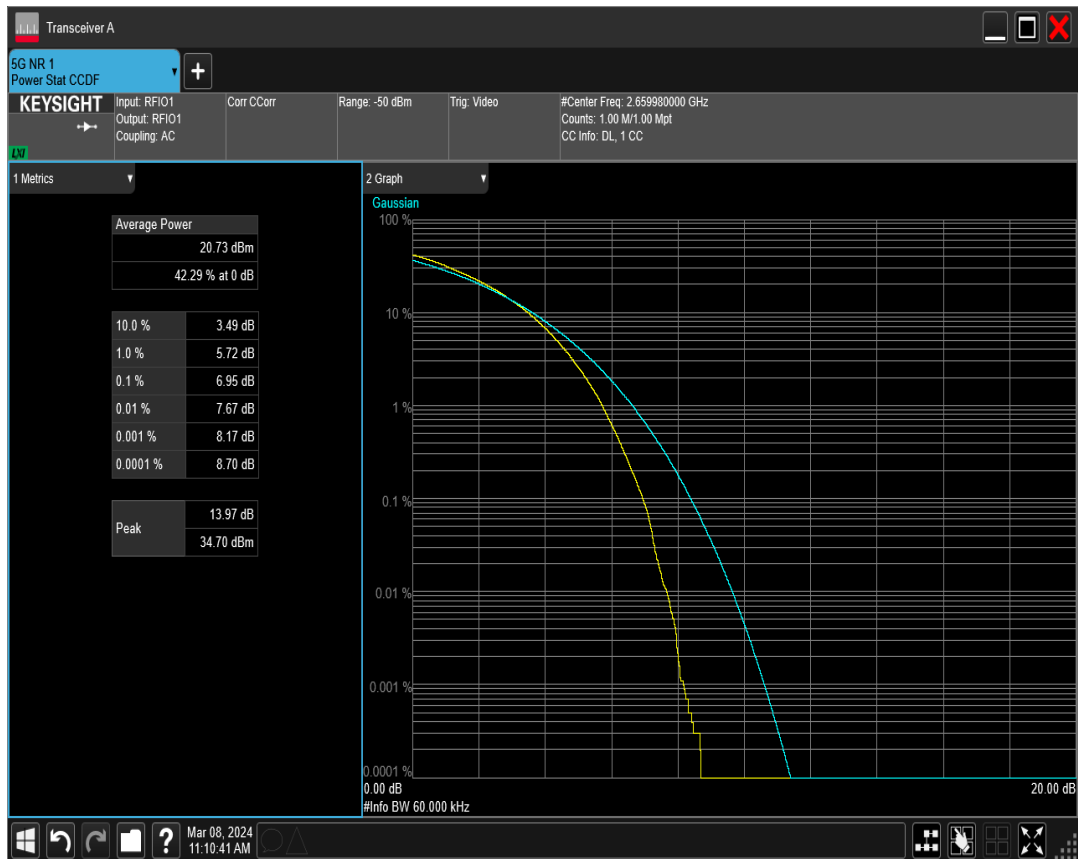
n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=505200 RB=162@0



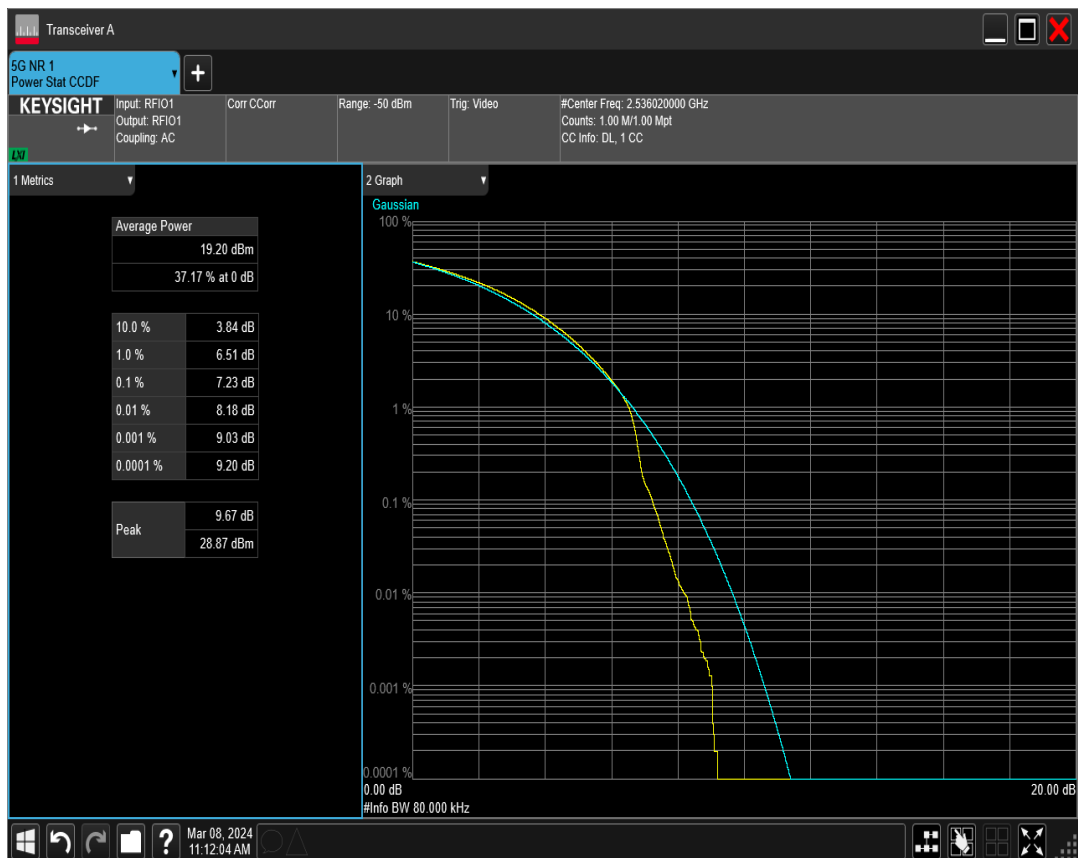
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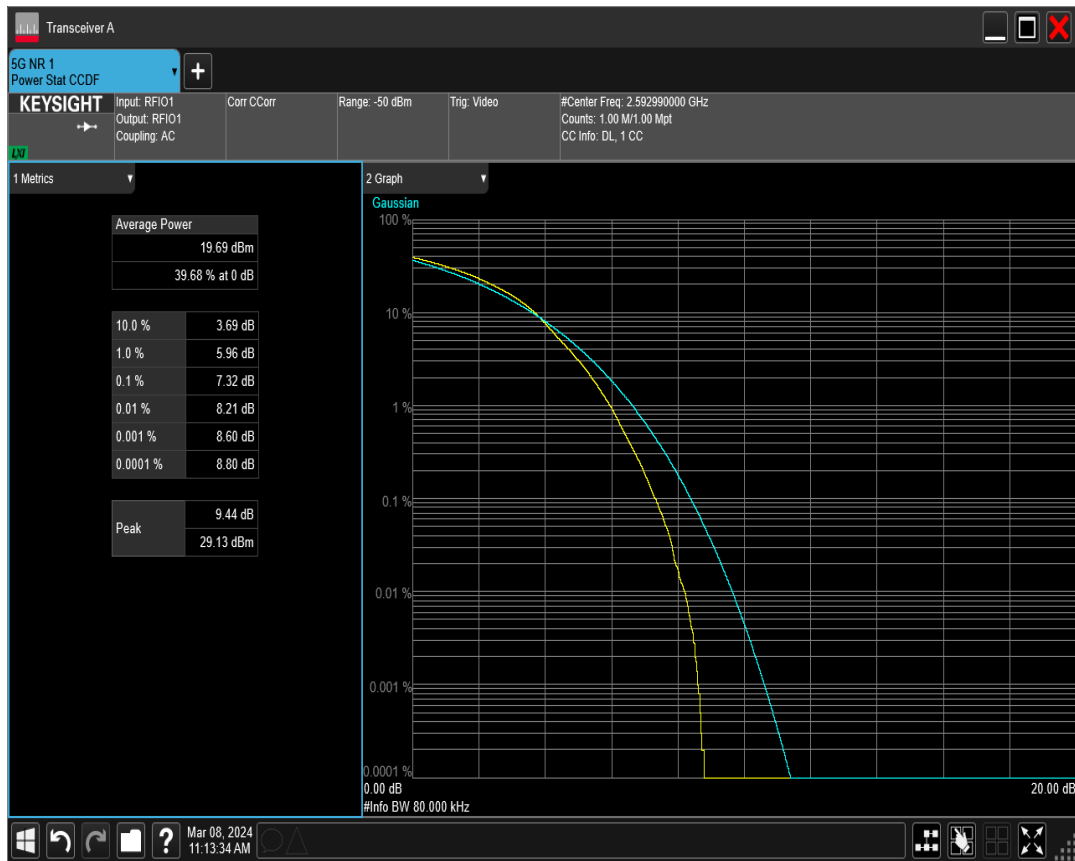
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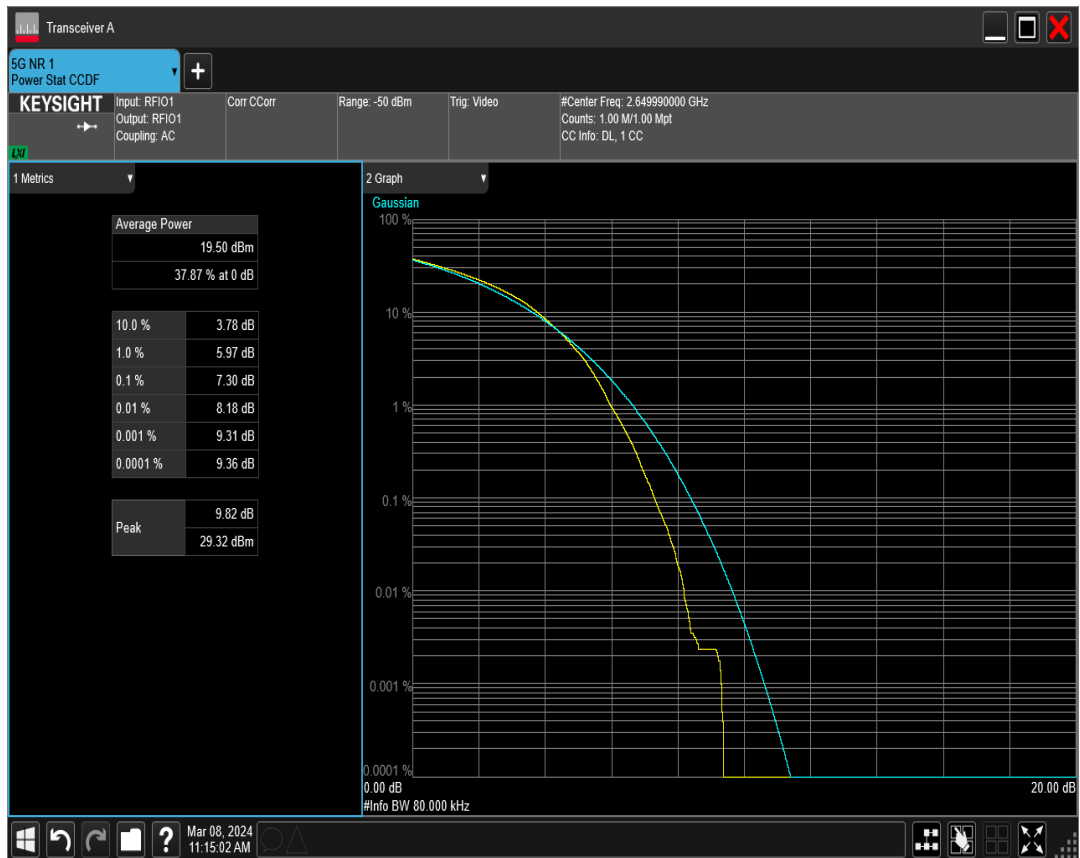
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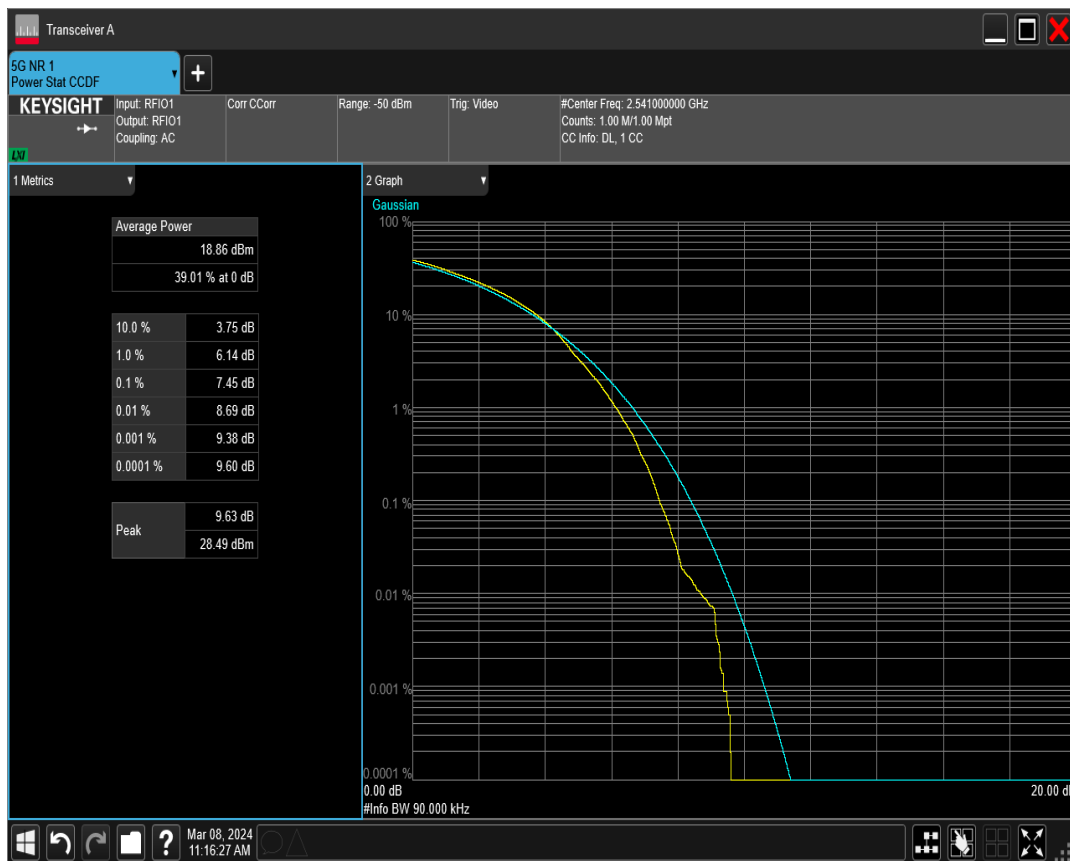
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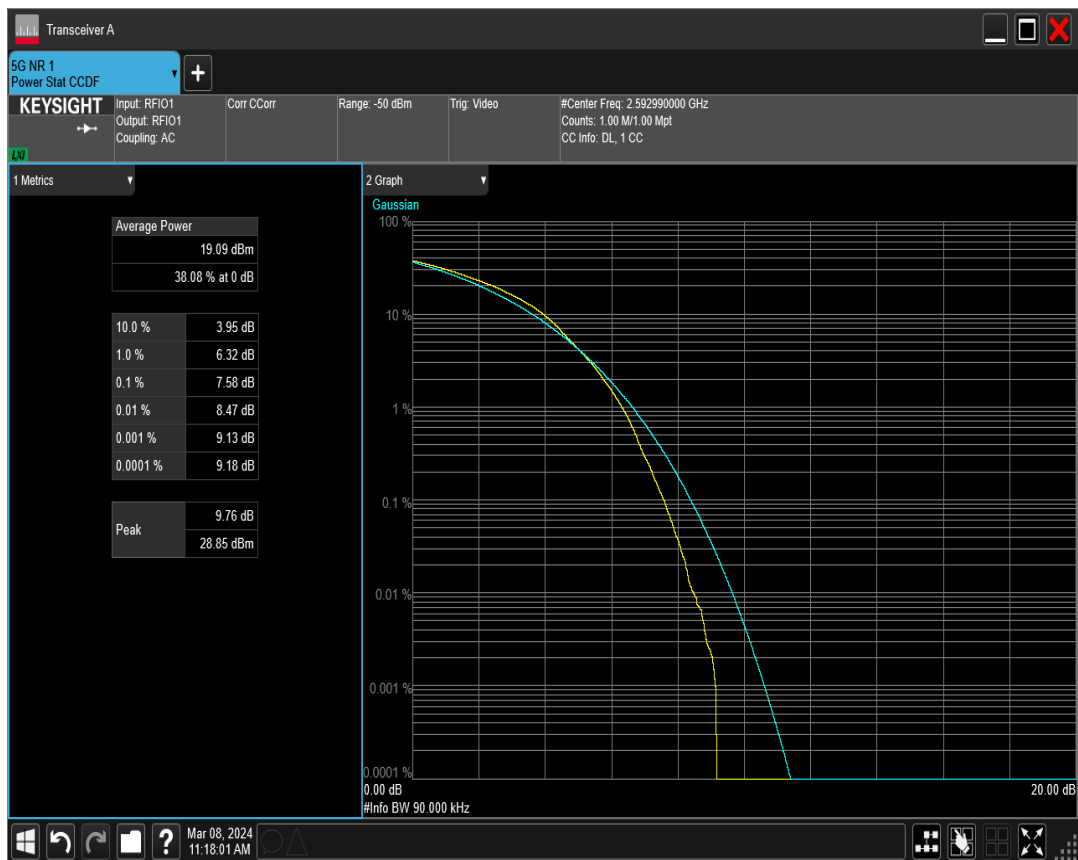
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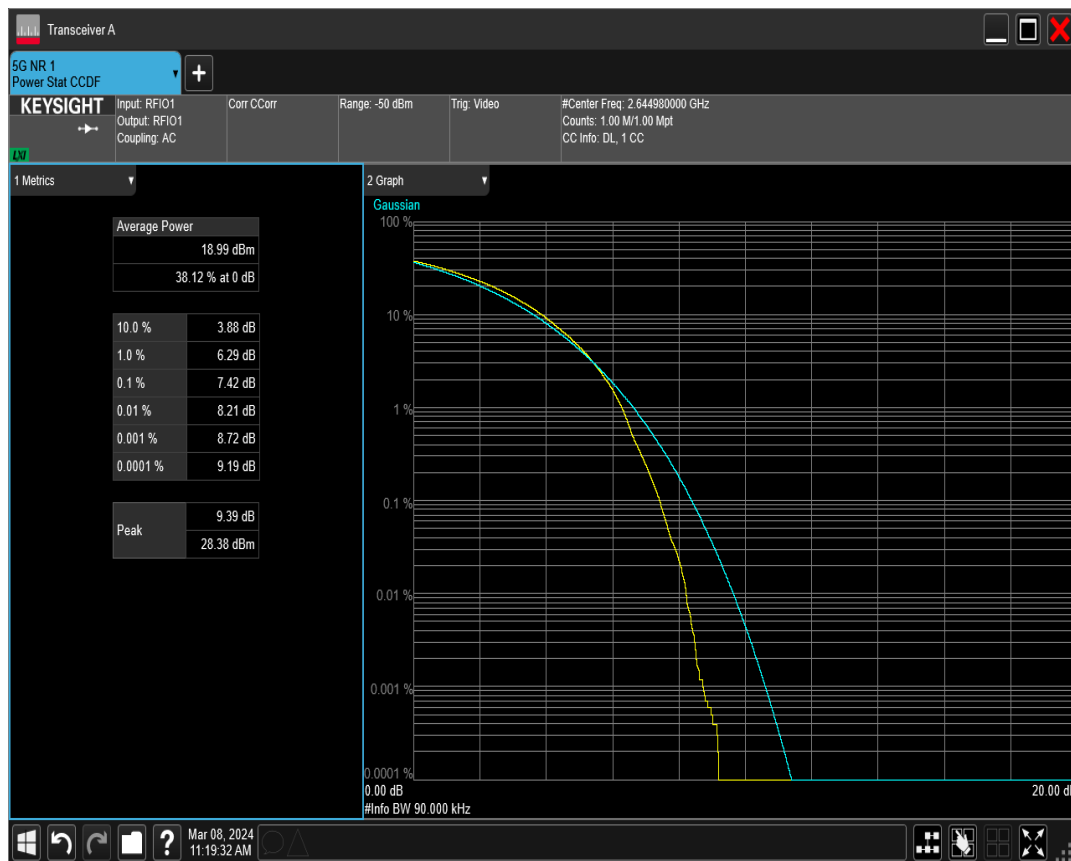
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=508200 RB=240@0



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	30	20	518598	50@0	DFT_BPSK	18.060	18.350	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.040	18.260	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.000	18.260	PASS
n41	30	20	518598	50@0	DFT_QAM64	17.930	18.260	PASS
n41	30	20	518598	50@0	DFT_QAM256	18.060	18.300	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.450	36.300	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.340	36.350	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.450	36.440	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.350	36.260	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.550	36.370	PASS
n41	30	50	518598	128@0	DFT_BPSK	46.830	46.530	PASS
n41	30	50	518598	128@0	DFT_QPSK	46.880	46.370	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.960	46.470	PASS
n41	30	50	518598	128@0	DFT_QAM64	46.880	46.430	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.030	46.420	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.700	58.580	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.700	58.560	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.690	58.640	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.700	58.600	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.700	58.630	PASS

n41	30	80	518598	216@0	DFT_BPSK	76.910	78.080	PASS
n41	30	80	518598	216@0	DFT_QPSK	76.850	78.030	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.830	78.070	PASS
n41	30	80	518598	216@0	DFT_QAM64	76.840	78.080	PASS
n41	30	80	518598	216@0	DFT_QAM256	76.920	78.040	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.290	86.670	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.080	86.670	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.050	86.680	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.290	86.740	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.170	86.670	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.020	97.470	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.000	97.480	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.060	97.490	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.020	97.620	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.040	97.520	PASS

n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598 RB=270@0

KEYSIGHT Keysight RF Application (2.0.50.10261)

NR1 Band N41 Low Mid High ARFCN/Freq D: 518598 2592.99 MHz U: 518598 2592.99 MHz Cell Power -44.53 dBm/BW CLPC All Up Bits

NR2

Test Case Selected Case

Cell Quick Config

Measurement BLER/Tput UE Info. Msg. Summary NR UE Power: 24 dBm DL BLER: 0 %

Show Meas Reports On Show PRACH On Save to File Clear Log

Cell	Time	Dir	Message
N1	2024/03/07 11:31:49.302	DL	RRC Connection Reconfiguration
N1	2024/03/07 11:31:49.478	UL	RRC Connection Reconfiguration Complete
N1	2024/03/07 11:31:52.096	DL	RRC Connection Reconfiguration
N1	2024/03/07 11:31:52.254	UL	RRC Connection Reconfiguration Complete
N1	2024/03/07 11:31:57.045	UL	RRC Connection Reconfiguration
N1	2024/03/07 11:31:57.197	UL	RRC Connection Reconfiguration Complete
N1	2024/03/07 11:32:08.608	DL	RRC Connection Reconfiguration
N1	2024/03/07 11:32:08.792	UL	RRC Connection Reconfiguration Complete
N1	2024/03/07 11:32:14.265	DL	RRC Connection Reconfiguration
N1	2024/03/07 11:32:15.053	UL	NR Msg1
N1	2024/03/07 11:32:15.056	DL	NR Msg2
N1	2024/03/07 11:32:15.133	UL	NR Msg1
N1	2024/03/07 11:32:15.144	DL	NR Msg2
N1	2024/03/07 11:32:15.153	UL	NR Msg3
N1	2024/03/07 11:32:15.156	UL	RRC Connection Reconfiguration Complete
N1	2024/03/07 11:32:15.163	UL	NR Msg5
N1	2024/03/07 11:32:17.558	DL	RRC Connection Reconfiguration
N1	2024/03/07 11:32:17.713	UL	RRC Connection Reconfiguration Complete

NR1 Common

UL RMC Quick Config DFT-s-OFDM-Pi2BPSK

UL RB Allocation Type Contiguous

UL RB Allocation Custom Start/Count 0 270

UL MCS/Type MCS Table 0 - Pi/2 BPSK 64 QAM

UL Waveform DFT-s-OFDM Pi/2 BPSK ON

Additional Spectrum Emission ON NS_01

P-Max OFF p-NR-FR1 OFF

p-UE-FR1 OFF

MAC Padding DL On UL On

Test Case Params

Connect Disconnect Aggregate Load Configuration Save Configuration Preset

Advanced

Ready BSE:CONNECT Copy 2024-03-07 11:32:20

n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_BPSK BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_BPSK BW=50MHz Channel=518598 RB=128@0



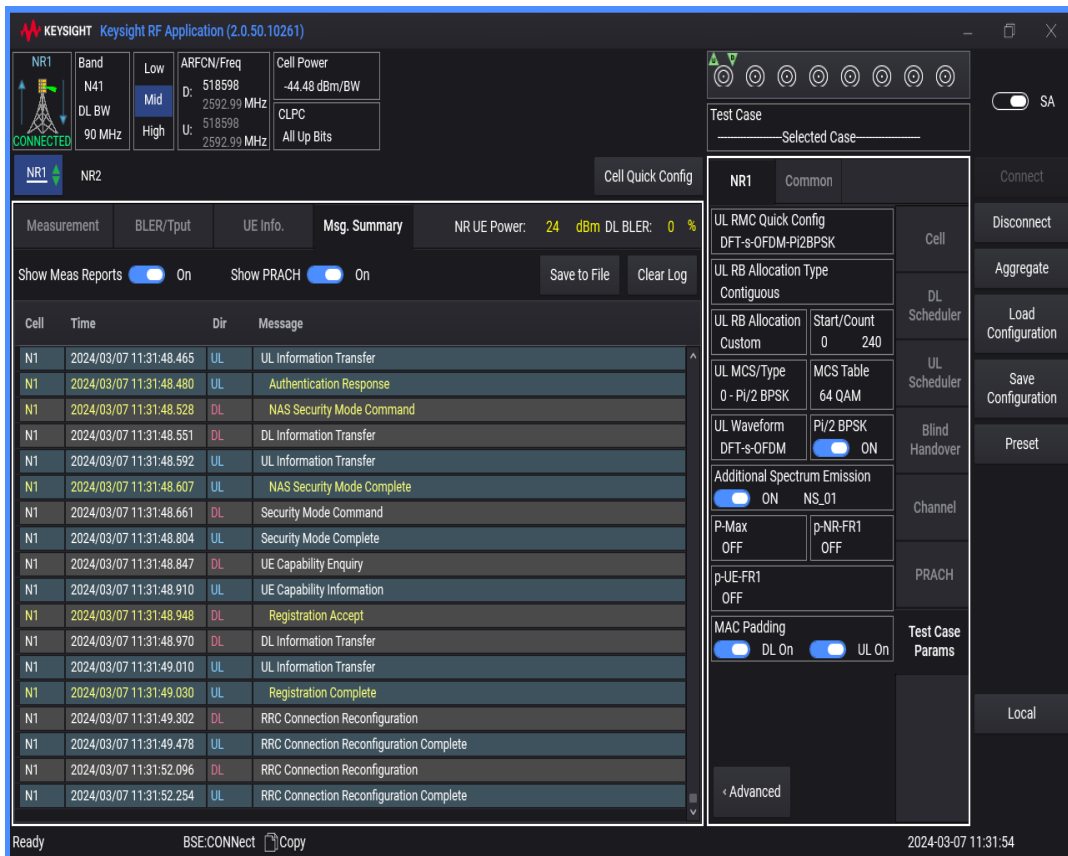
n41 SCS=30kHz DFT_BPSK BW=60MHz Channel=518598 RB=162@0



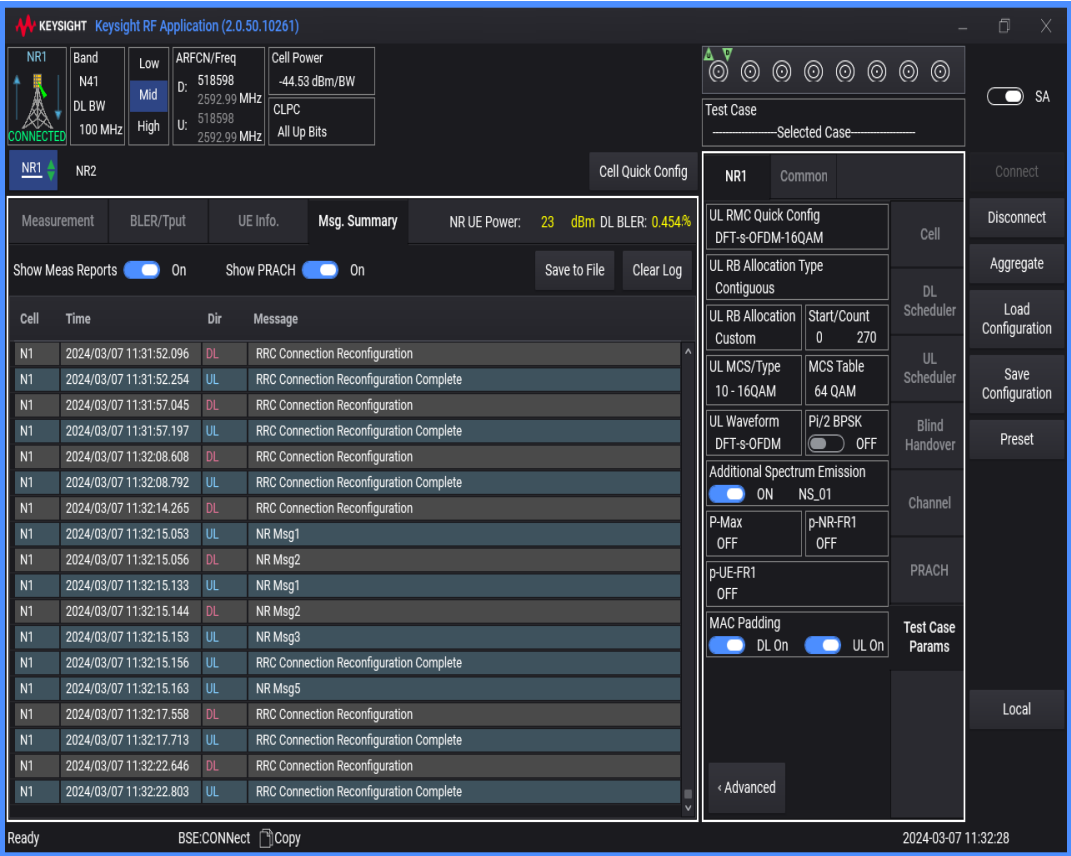
n41 SCS=30kHz DFT_BPSK BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_BPSK BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM16 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QAM16 BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QAM16 BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_QAM16 BW=60MHz Channel=518598 RB=162@0