

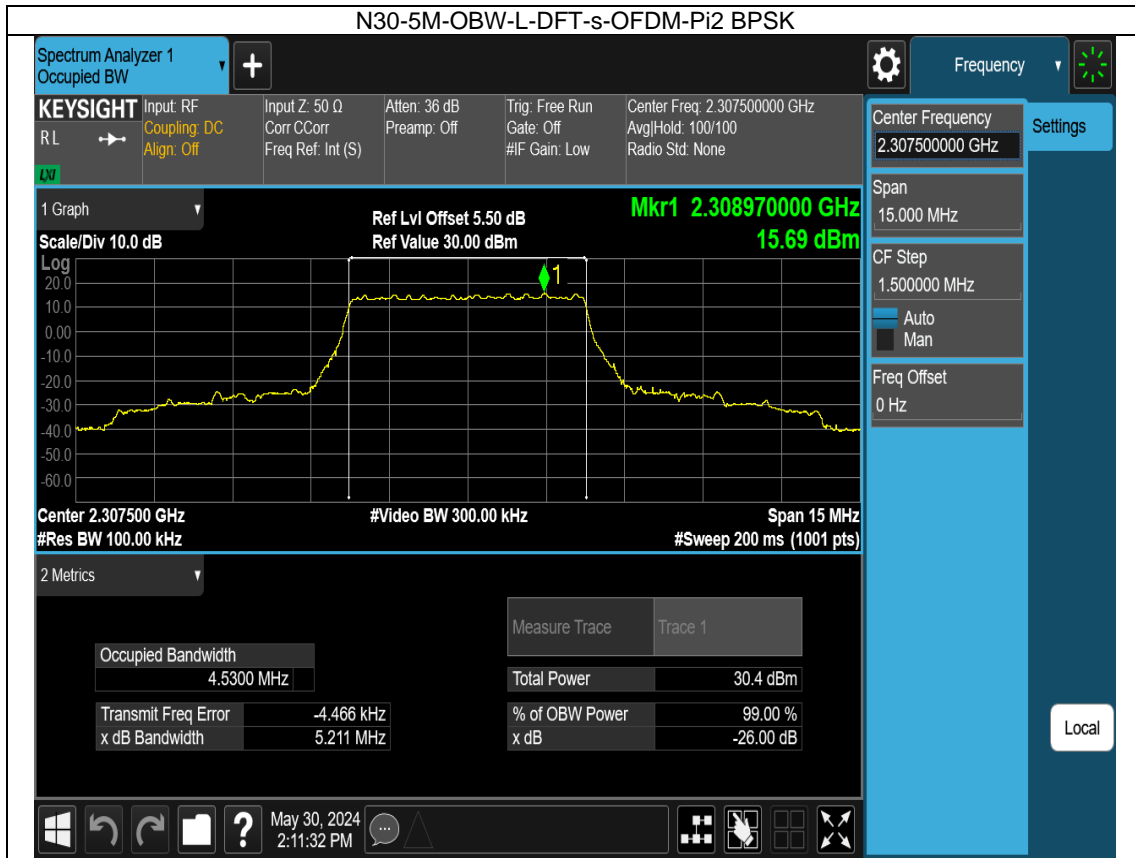
99% & 26dB Bandwidth

Test Result

5G NR n30 SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.530	5.211	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.537	5.175	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.509	5.136	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.485	5.122	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.526	5.272	/	Pass
CP-OFDM QPSK		Outer_Full	4.535	5.319	/	Pass
CP-OFDM 16QAM		Outer_Full	4.530	5.232	/	Pass
CP-OFDM 64QAM		Outer_Full	4.515	5.226	/	Pass
CP-OFDM 256QAM		Outer_Full	4.515	5.244	/	Pass
DFT-s-OFDM PI/2 BPSK		Middle CH	Outer_Full	4.517	5.206	/
DFT-s-OFDM QPSK	Outer_Full		4.532	5.198	/	Pass
DFT-s-OFDM 16QAM	Outer_Full		4.507	5.258	/	Pass
DFT-s-OFDM 64QAM	Outer_Full		4.501	5.119	/	Pass
DFT-s-OFDM 256QAM	Outer_Full		4.541	5.231	/	Pass
CP-OFDM QPSK	Outer_Full		4.539	5.330	/	Pass
CP-OFDM 16QAM	Outer_Full		4.505	5.207	/	Pass
CP-OFDM 64QAM	Outer_Full		4.502	5.266	/	Pass
CP-OFDM 256QAM	Outer_Full		4.505	5.252	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH		Outer_Full	4.506	5.170	/
DFT-s-OFDM QPSK		Outer_Full	4.556	5.324	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.508	5.201	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.504	5.106	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.510	5.061	/	Pass
CP-OFDM QPSK		Outer_Full	4.523	5.317	/	Pass
CP-OFDM 16QAM		Outer_Full	4.498	5.139	/	Pass
CP-OFDM 64QAM		Outer_Full	4.494	5.166	/	Pass
CP-OFDM 256QAM		Outer_Full	4.509	5.246	/	Pass

5G NR n30 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	8.934	9.654	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.963	9.883	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.939	9.831	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.962	9.744	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.945	9.761	/	Pass
CP-OFDM QPSK		Outer_Full	9.302	10.28	/	Pass
CP-OFDM 16QAM		Outer_Full	9.314	10.05	/	Pass
CP-OFDM 64QAM		Outer_Full	9.311	10.17	/	Pass
CP-OFDM 256QAM		Outer_Full	9.290	10.28	/	Pass

Test graph



N30-5M-OBW-L-DFT-s-OFDM-QPSK

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.307500000 GHz
 RL Coupling: DC Corr: CCorr Freq Ref: Int (S) Preamp: Off Gate: Off Avg/Hold: 100/100
 Align: Off #F Gain: Low Radio Std: None

1 Graph Scale/Div 10.0 dB Ref Lvl Offset 5.50 dB Mkr1 2.306795000 GHz
 Ref Value 30.00 dBm 15.87 dBm

Center 2.307500 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 15 MHz #Sweep 200 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	4.5368 MHz	Total Power	30.4 dBm
Transmit Freq Error	-3.263 kHz	% of OBW Power	99.00 %
x dB Bandwidth	5.175 MHz	x dB	-26.00 dB

Windows taskbar: May 30, 2024 10:50:16 AM

N30-5M-OBW-L-DFT-s-OFDM-16QAM

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.307500000 GHz
 RL Coupling: DC Corr: CCorr Freq Ref: Int (S) Preamp: Off Gate: Off Avg/Hold: 100/100
 Align: Off #F Gain: Low Radio Std: None

1 Graph Scale/Div 10.0 dB Ref Lvl Offset 5.50 dB Mkr1 2.308955000 GHz
 Ref Value 30.00 dBm 16.04 dBm

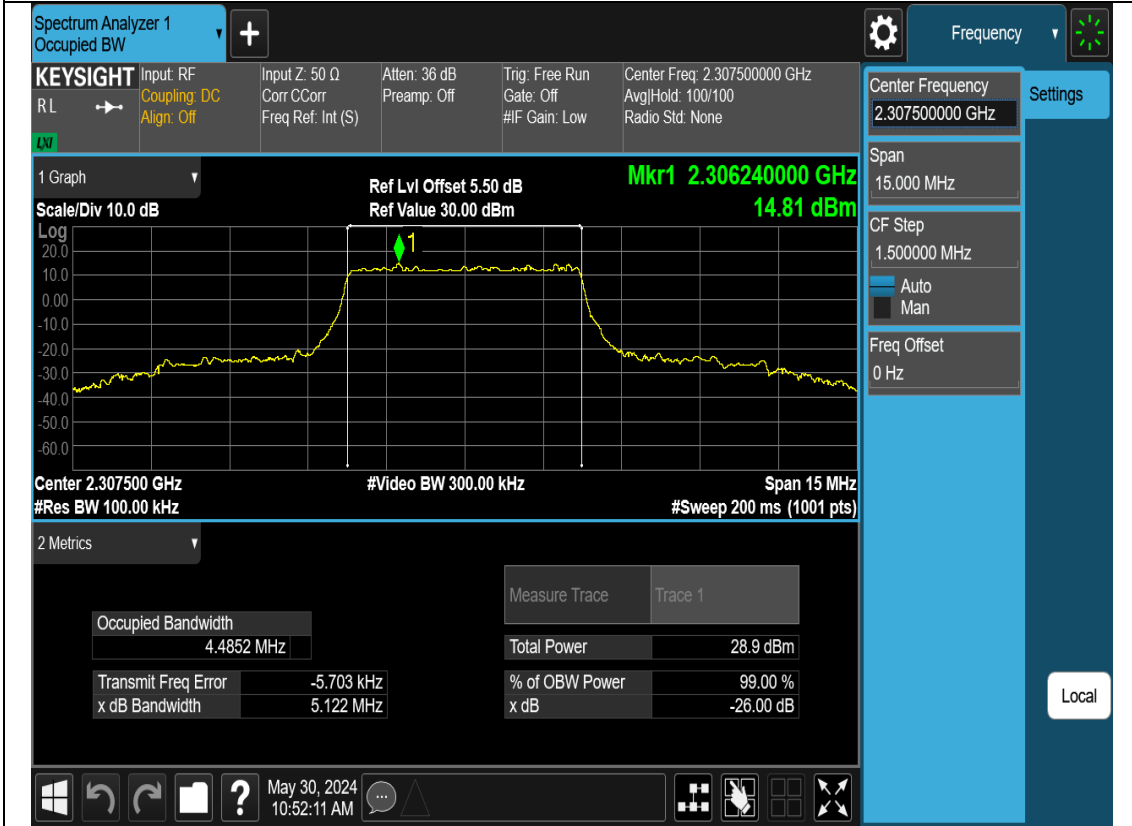
Center 2.307500 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 15 MHz #Sweep 200 ms (1001 pts)

2 Metrics

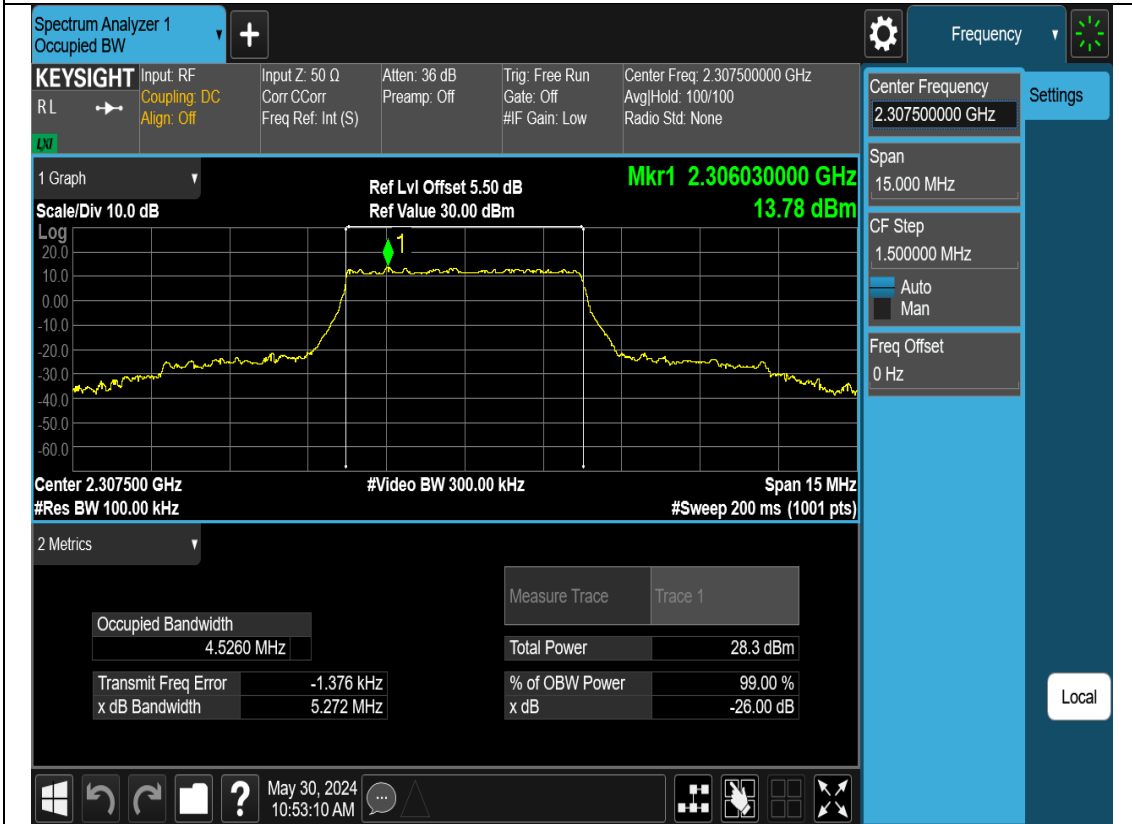
Measure Trace		Trace 1	
Occupied Bandwidth	4.5085 MHz	Total Power	29.9 dBm
Transmit Freq Error	2.141 kHz	% of OBW Power	99.00 %
x dB Bandwidth	5.136 MHz	x dB	-26.00 dB

Windows taskbar: May 30, 2024 10:51:10 AM

N30-5M-OBW-L-DFT-s-OFDM-64QAM



N30-5M-OBW-L-DFT-s-OFDM-256QAM



N30-5M-OBW-L-CP-OFDM-QPSK

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.307500000 GHz
 RL Coupling: DC Corr: C Corr Freq Ref: Int (S) Preamp: Off Gate: Off Avg/Hold: 100/100
 Align: Off #F Gain: Low Radio Std: None

1 Graph Scale/Div 10.0 dB Ref Lvl Offset 5.50 dB Mkr1 2.308625000 GHz
 Ref Value 30.00 dBm 13.21 dBm

Center 2.307500 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 15 MHz #Sweep 200 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	4.5351 MHz	Total Power	28.0 dBm
Transmit Freq Error	-14.026 kHz	% of OBW Power	99.00 %
x dB Bandwidth	5.319 MHz	x dB	-26.00 dB

May 30, 2024 2:42:22 PM

N30-5M-OBW-L-CP-OFDM-16QAM

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.307500000 GHz
 RL Coupling: DC Corr: C Corr Freq Ref: Int (S) Preamp: Off Gate: Off Avg/Hold: 100/100
 Align: Off #F Gain: Low Radio Std: None

1 Graph Scale/Div 10.0 dB Ref Lvl Offset 5.50 dB Mkr1 2.309045000 GHz
 Ref Value 30.00 dBm 13.91 dBm

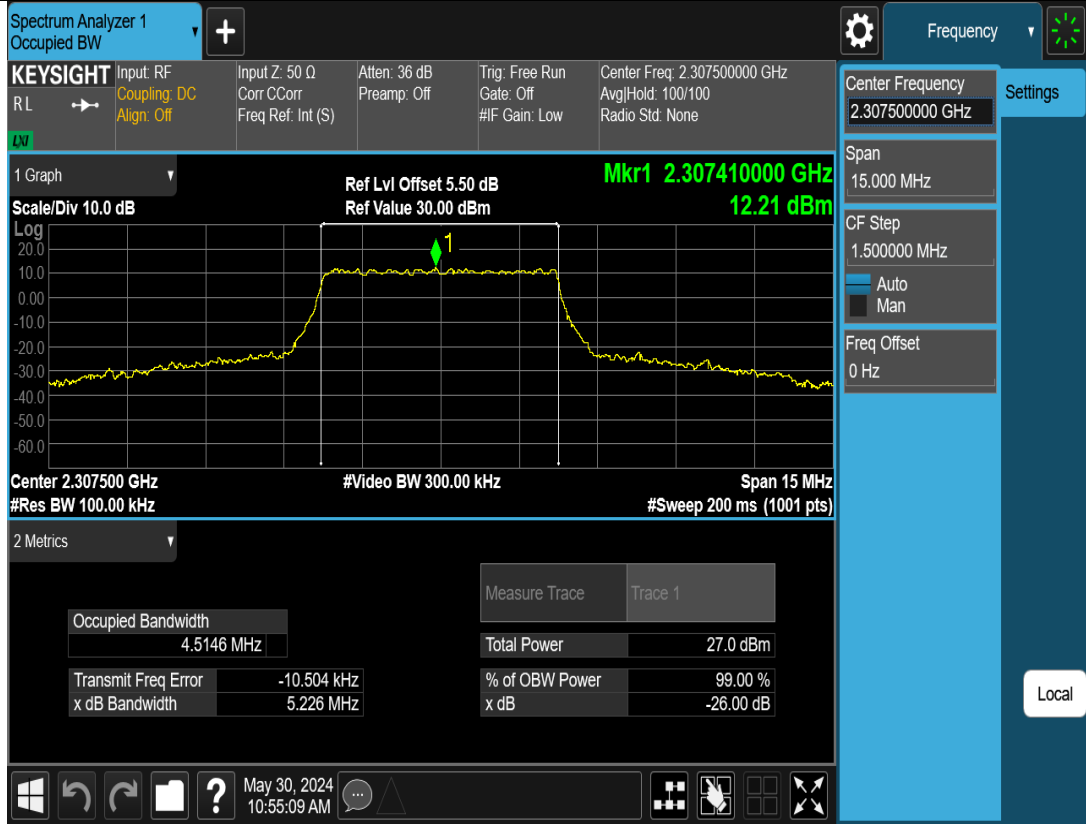
Center 2.307500 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 15 MHz #Sweep 200 ms (1001 pts)

2 Metrics

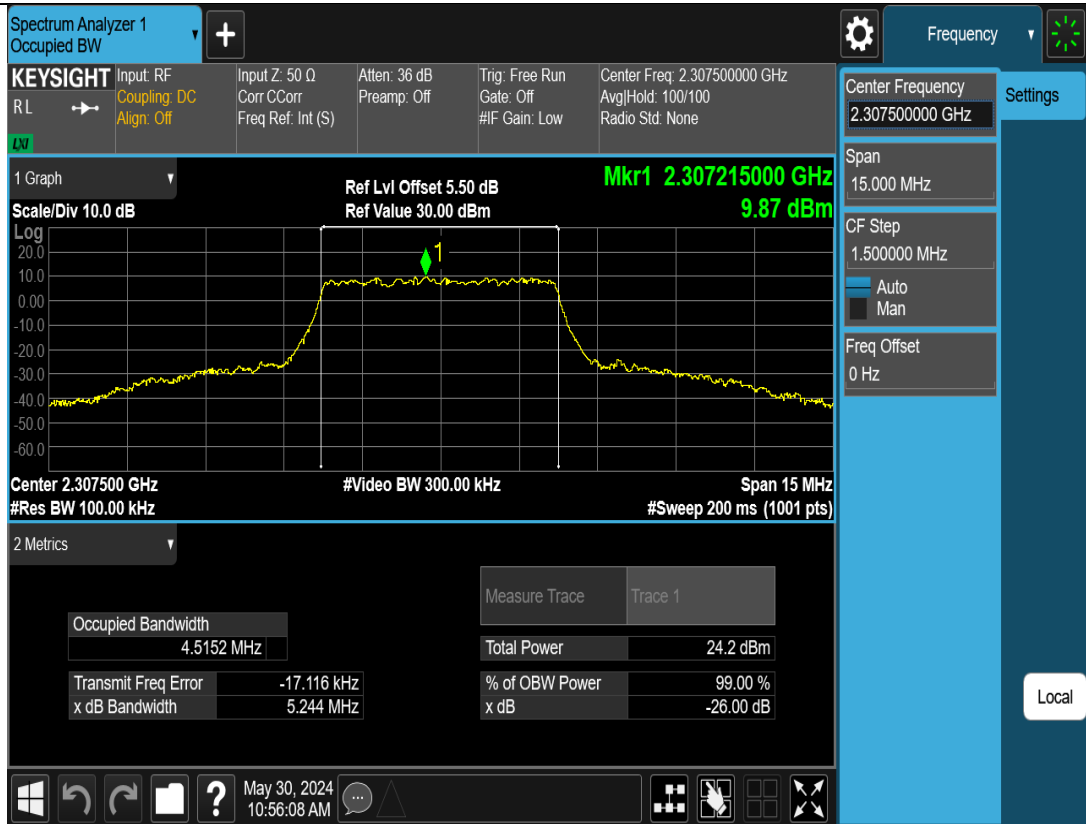
Measure Trace		Trace 1	
Occupied Bandwidth	4.5303 MHz	Total Power	27.5 dBm
Transmit Freq Error	-21.147 kHz	% of OBW Power	99.00 %
x dB Bandwidth	5.232 MHz	x dB	-26.00 dB

May 30, 2024 10:54:09 AM

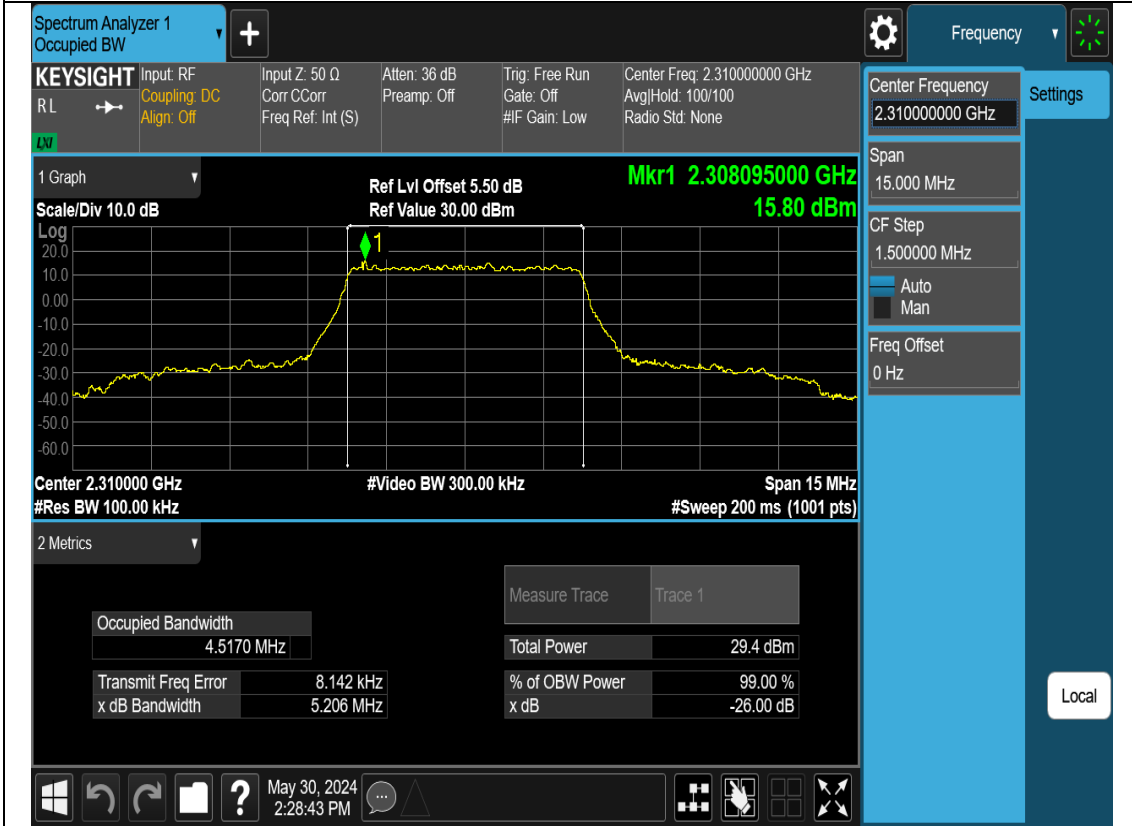
N30-5M-OBW-L-CP-OFDM-64QAM



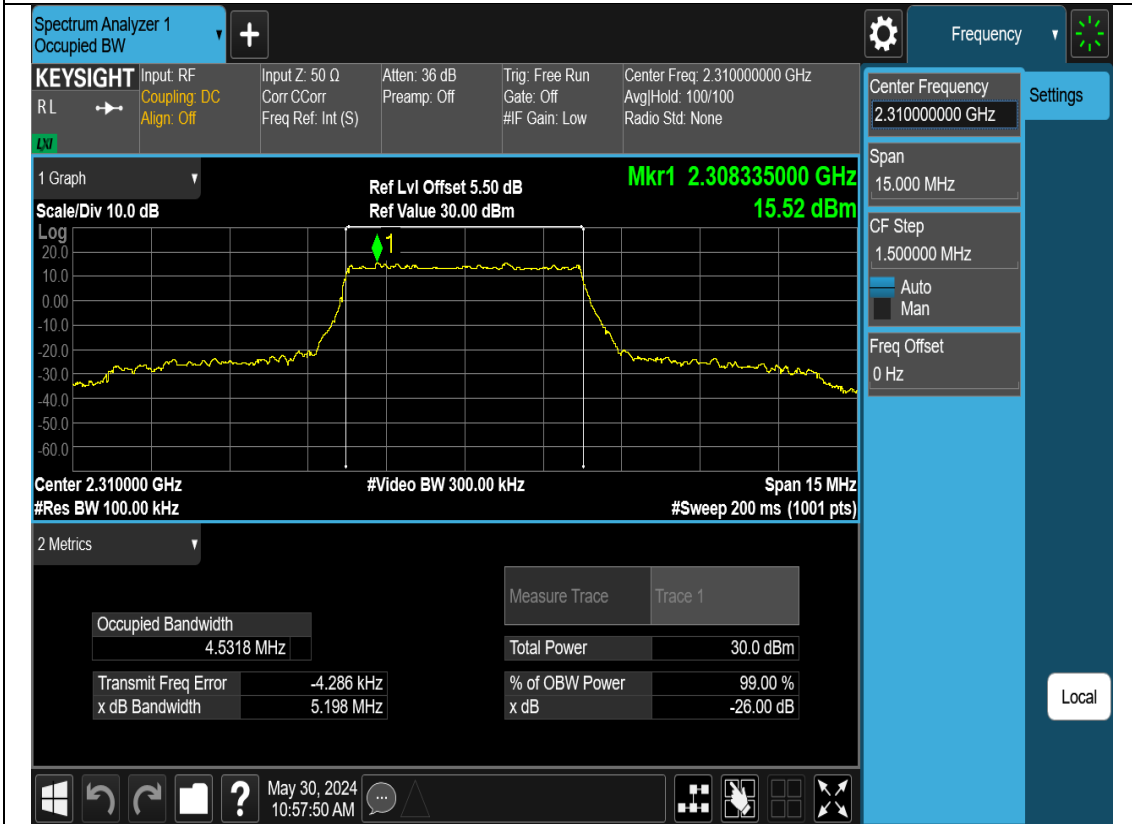
N30-5M-OBW-L-CP-OFDM-256QAM



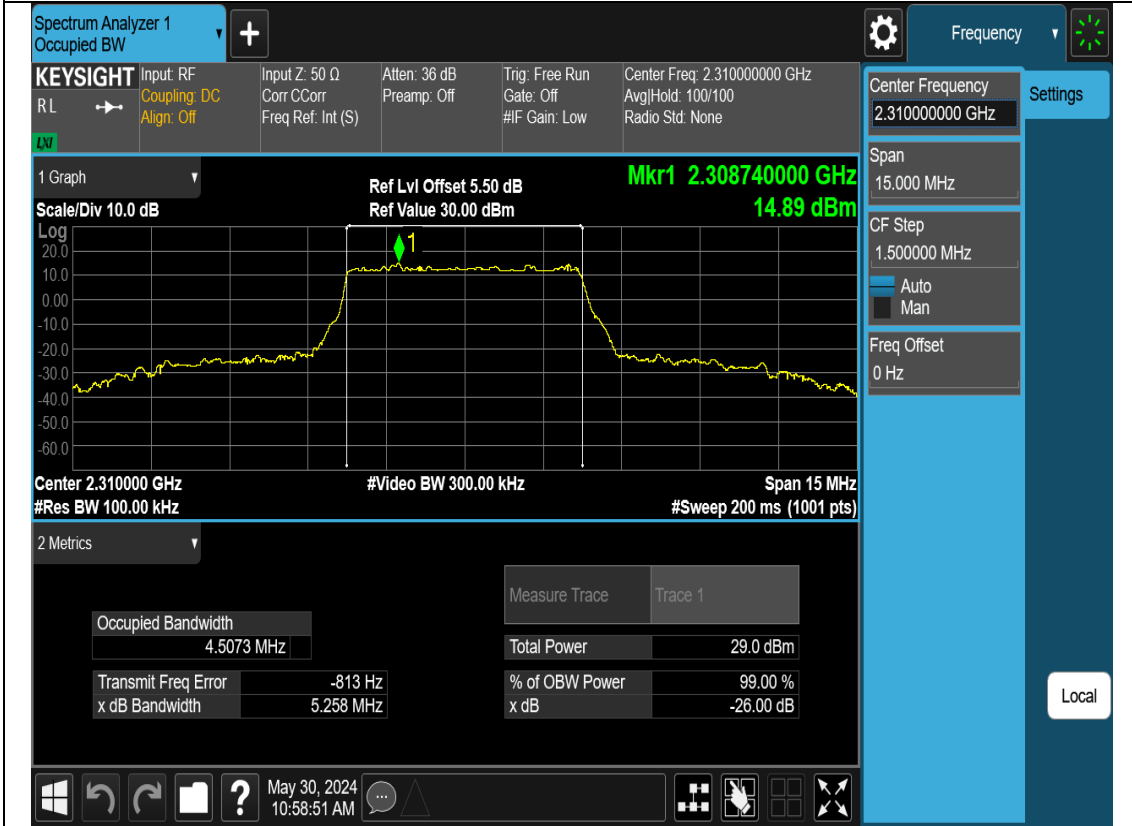
N30-5M-OBW-M-DFT-s-OFDM-Pi2 BPSK



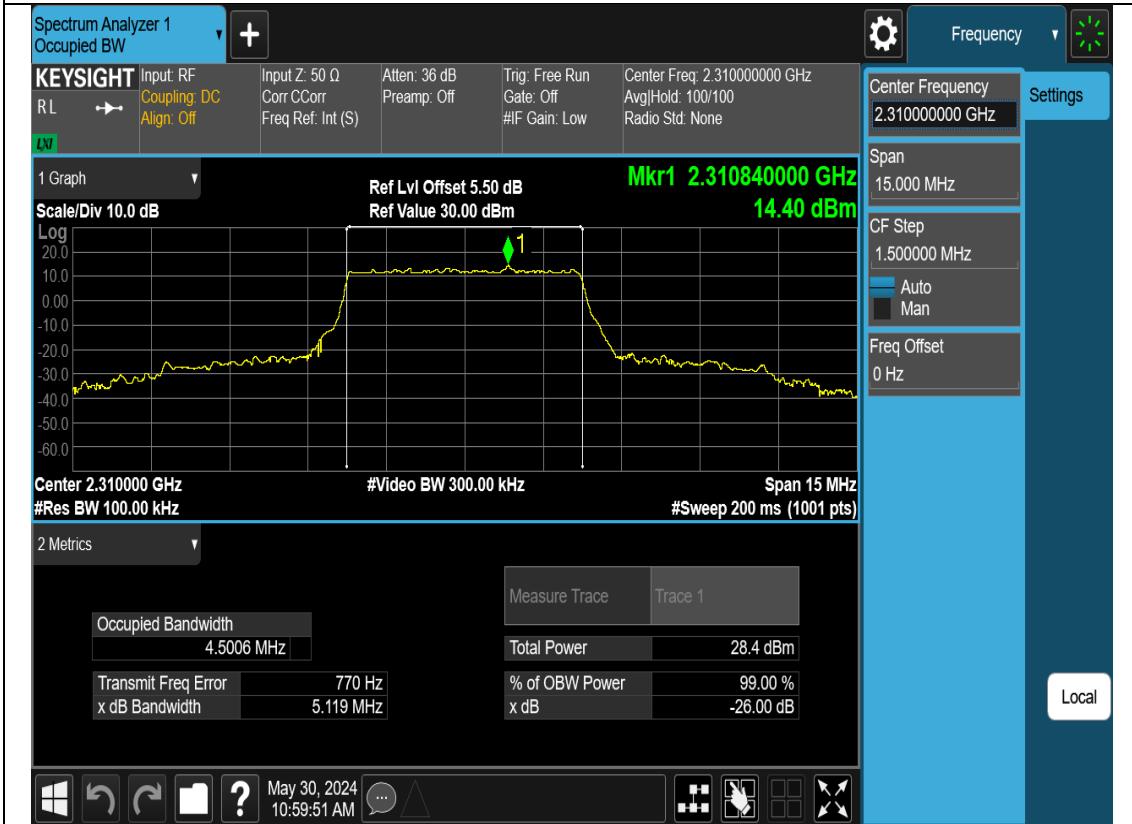
N30-5M-OBW-M-DFT-s-OFDM-QPSK



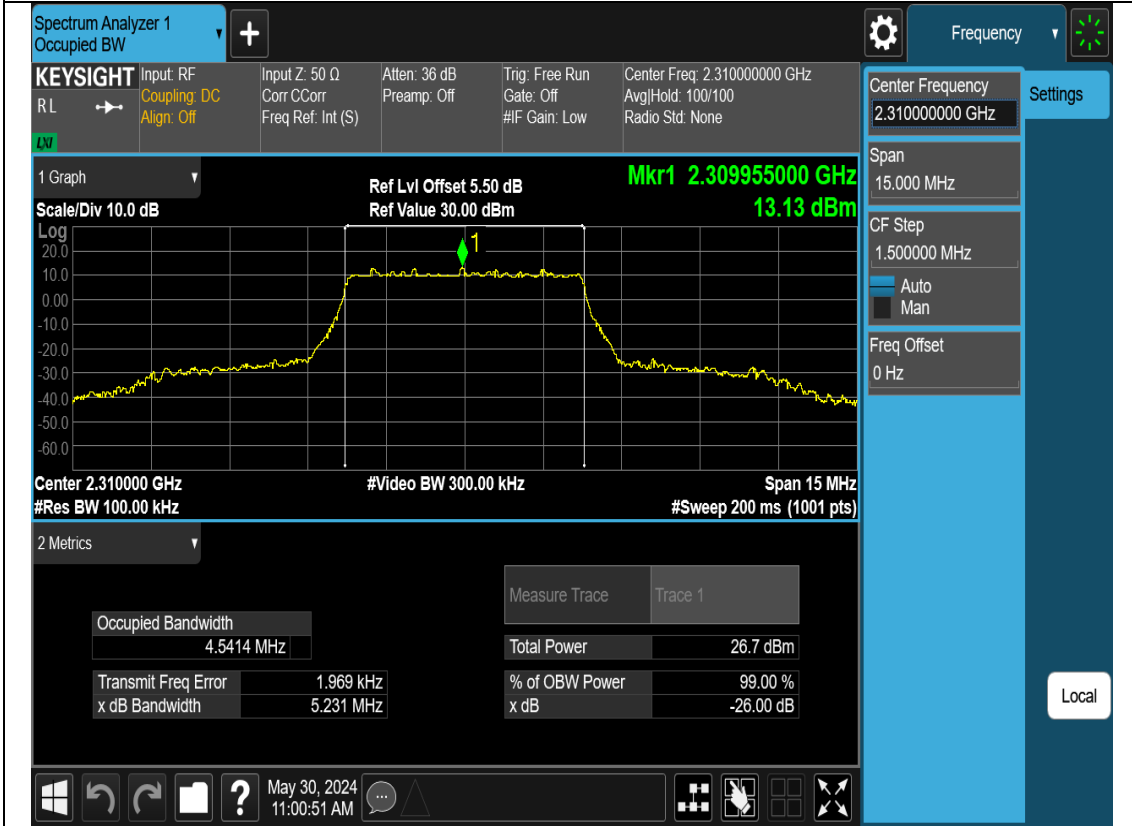
N30-5M-OBW-M-DFT-s-OFDM-16QAM



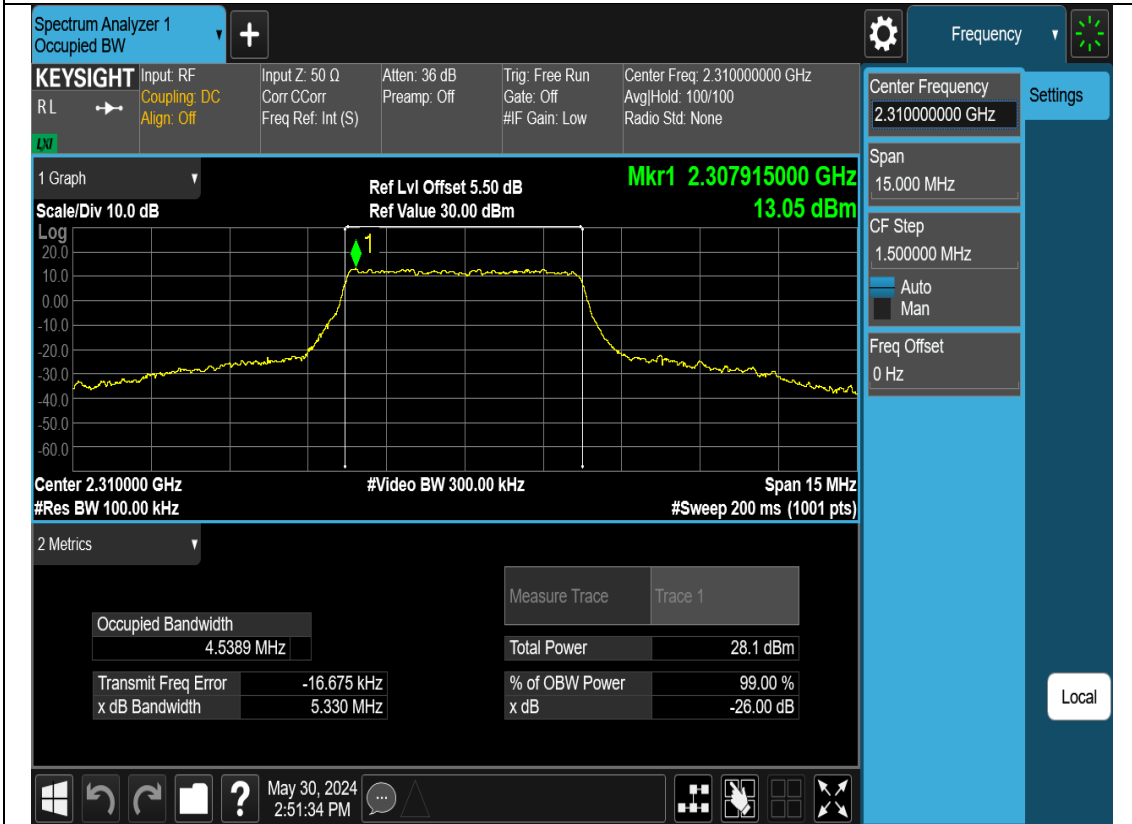
N30-5M-OBW-M-DFT-s-OFDM-64QAM



N30-5M-OBW-M-DFT-s-OFDM-256QAM



N30-5M-OBW-M-CP-OFDM-QPSK



N30-5M-OBW-M-CP-OFDM-16QAM

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.31000000 GHz
RL Coupling: DC Corr: CCorr Preamp: Off Gate: Off Avg/Hold: 100/100
Align: Off Freq Ref: Int (S) #F Gain: Low Radio Std: None

1 Graph Scale/Div 10.0 dB Ref Lvl Offset 5.50 dB Mkr1 2.311545000 GHz
Ref Value 30.00 dBm 13.39 dBm

Center 2.310000 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 15 MHz #Sweep 200 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	4.5053 MHz	Total Power	26.9 dBm
Transmit Freq Error	-17.136 kHz	% of OBW Power	99.00 %
x dB Bandwidth	5.207 MHz	x dB	-26.00 dB

Windows taskbar: May 30, 2024 11:01:52 AM

N30-5M-OBW-M-CP-OFDM-64QAM

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.31000000 GHz
RL Coupling: DC Corr: CCorr Preamp: Off Gate: Off Avg/Hold: 100/100
Align: Off Freq Ref: Int (S) #F Gain: Low Radio Std: None

1 Graph Scale/Div 10.0 dB Ref Lvl Offset 5.50 dB Mkr1 2.310900000 GHz
Ref Value 30.00 dBm 12.79 dBm

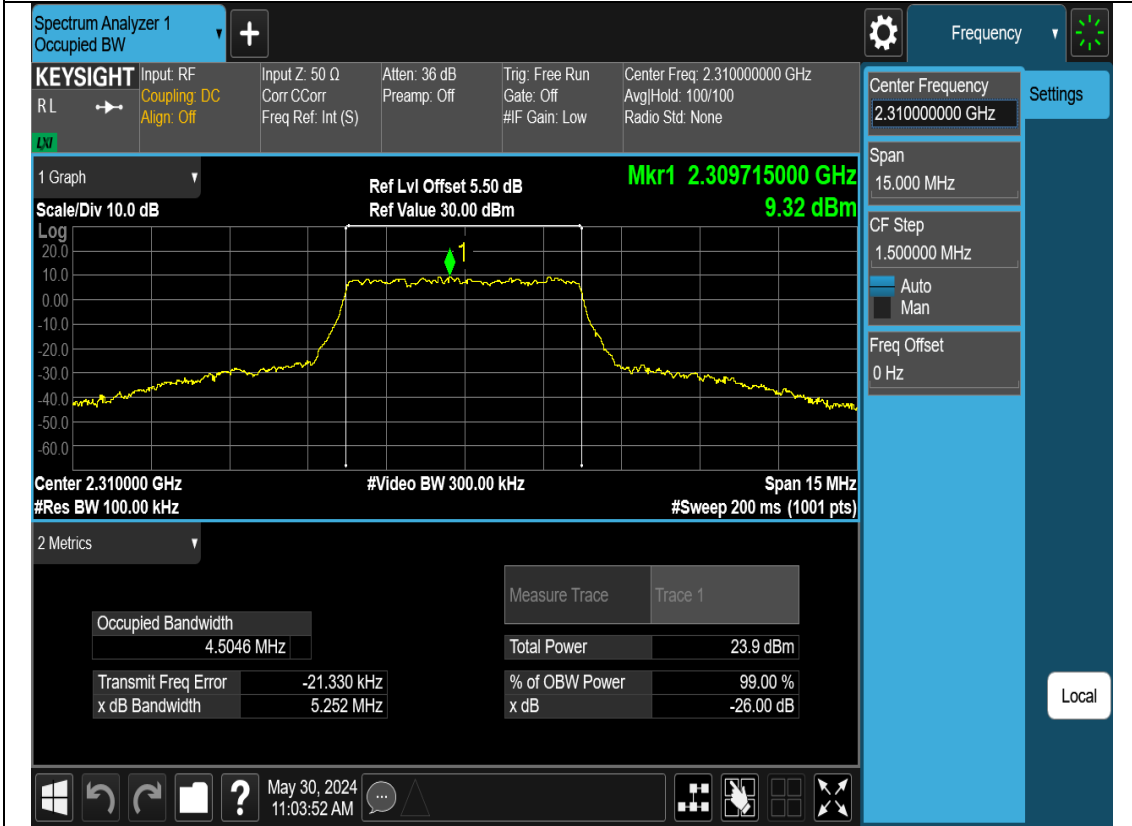
Center 2.310000 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 15 MHz #Sweep 200 ms (1001 pts)

2 Metrics

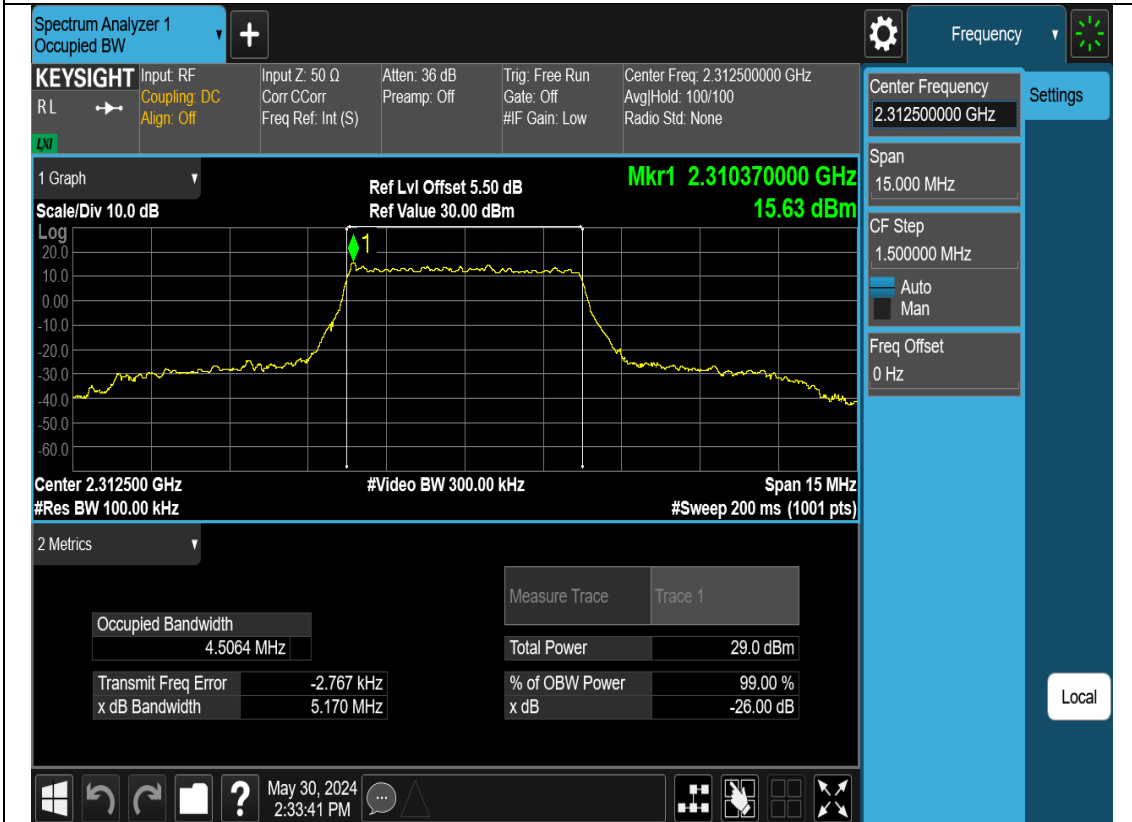
Measure Trace		Trace 1	
Occupied Bandwidth	4.5021 MHz	Total Power	27.0 dBm
Transmit Freq Error	-11.158 kHz	% of OBW Power	99.00 %
x dB Bandwidth	5.266 MHz	x dB	-26.00 dB

Windows taskbar: May 30, 2024 11:02:53 AM

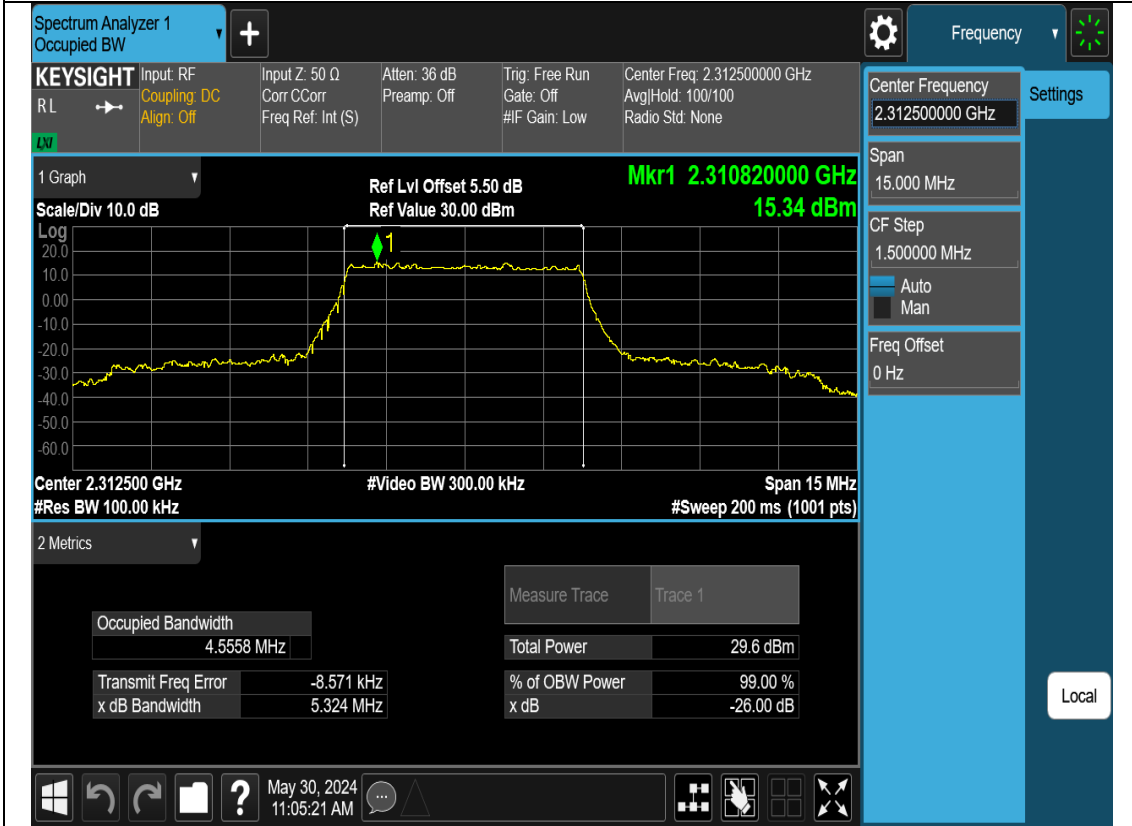
N30-5M-OBW-M-CP-OFDM-256QAM



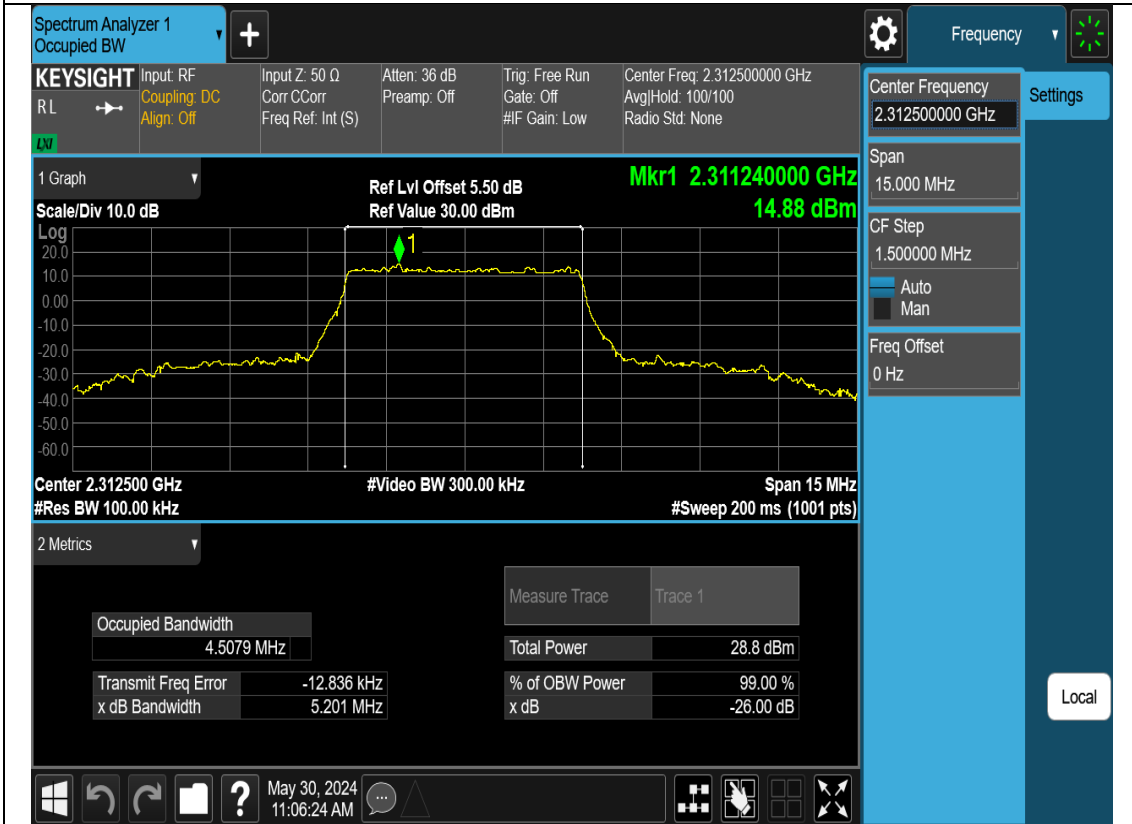
N30-5M-OBW-H-DFT-s-OFDM-Pi2 BPSK



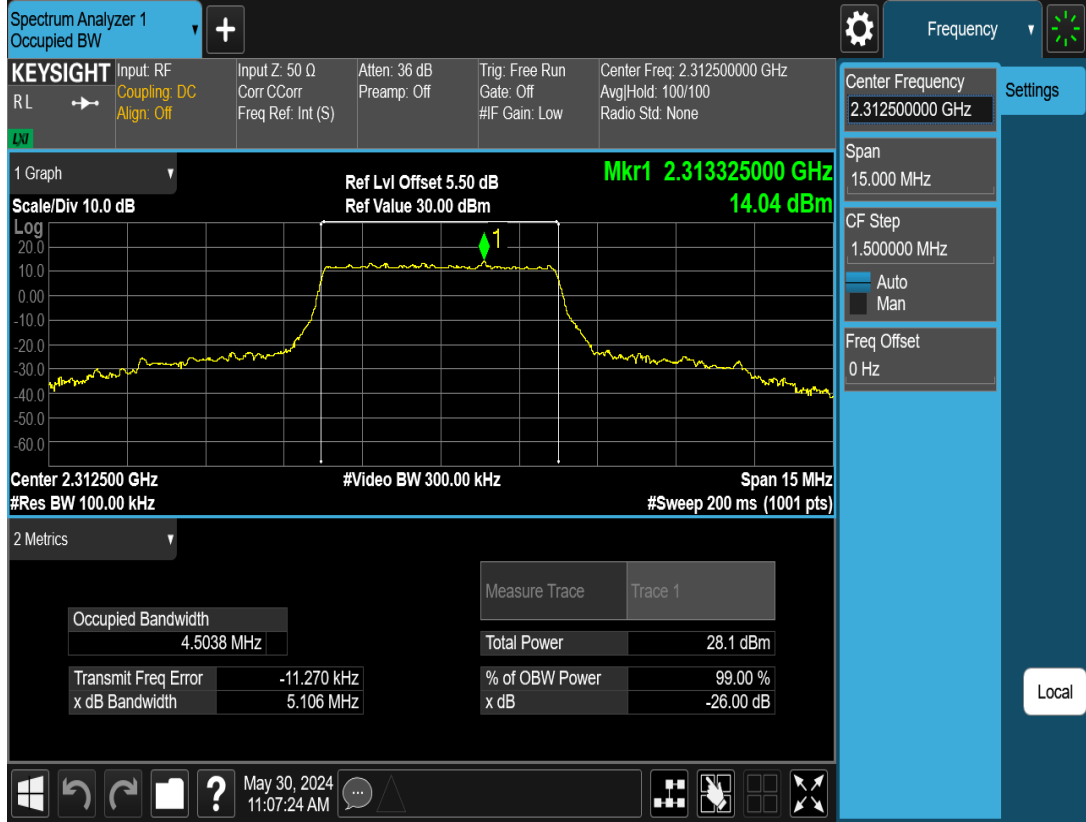
N30-5M-OBW-H-DFT-s-OFDM-QPSK



N30-5M-OBW-H-DFT-s-OFDM-16QAM



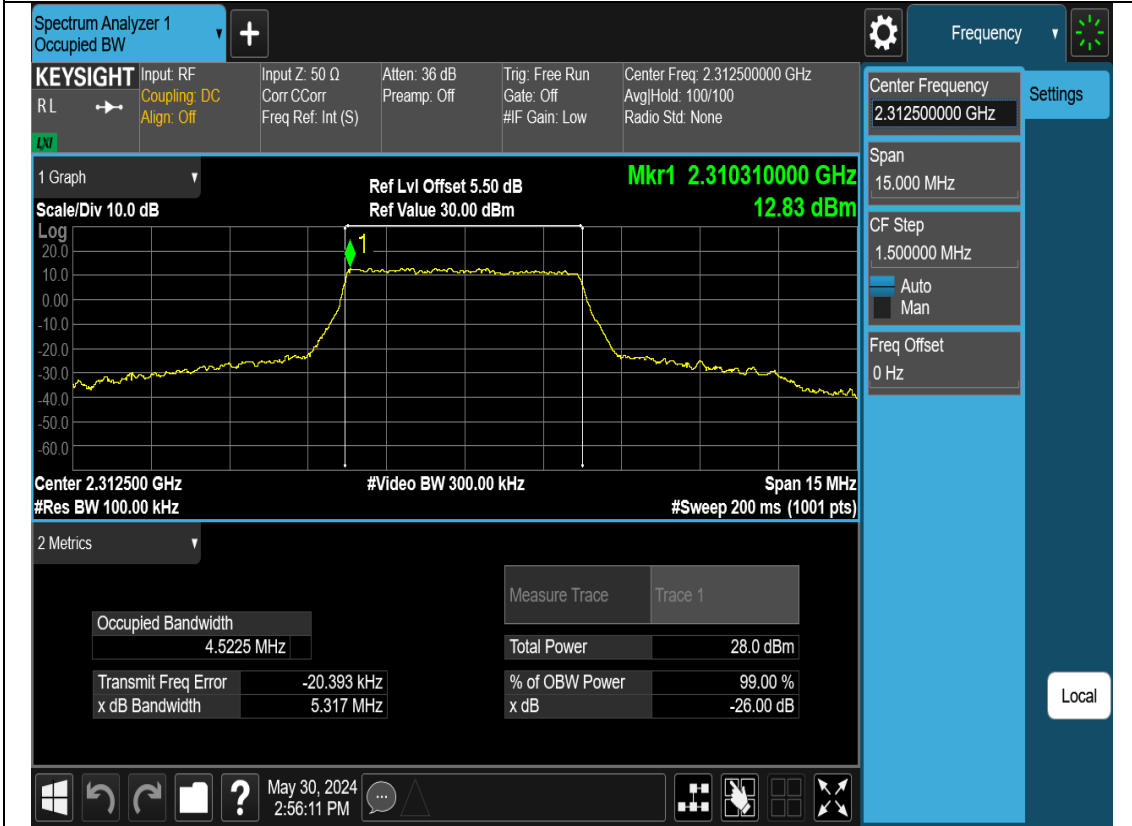
N30-5M-OBW-H-DFT-s-OFDM-64QAM



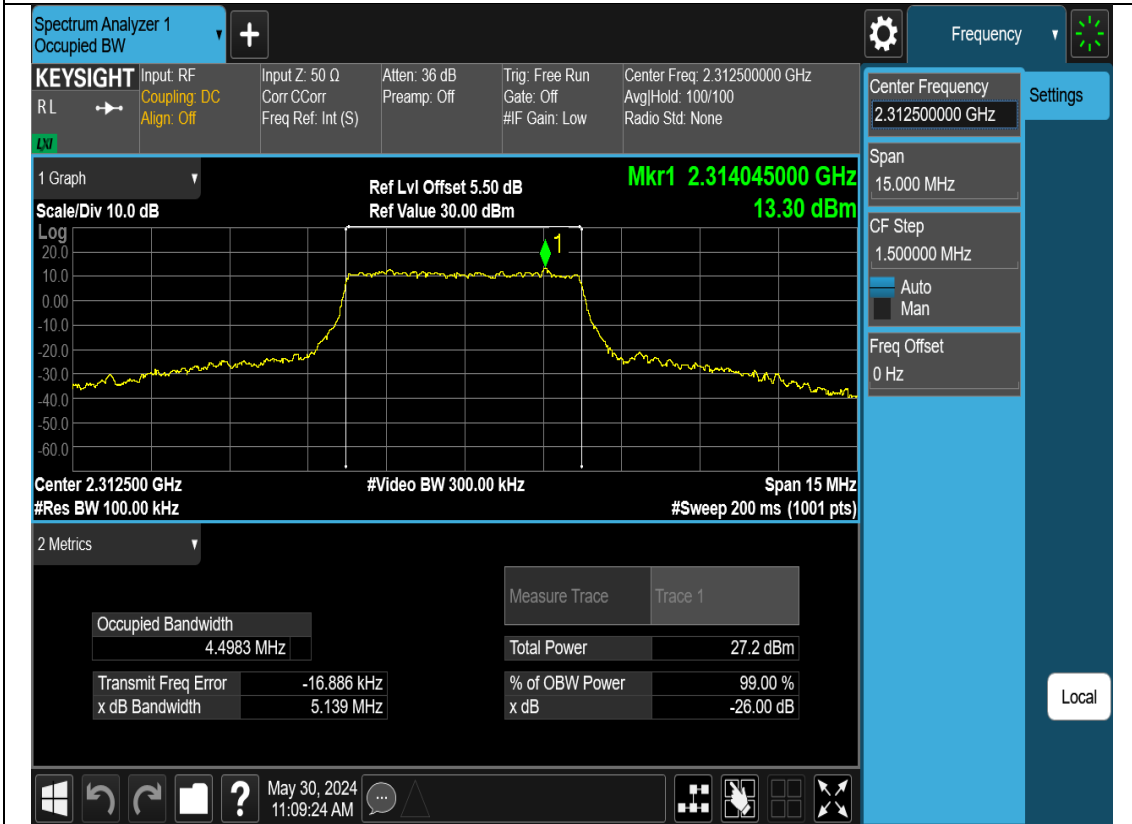
N30-5M-OBW-H-DFT-s-OFDM-256QAM



N30-5M-OBW-H-CP-OFDM-QPSK



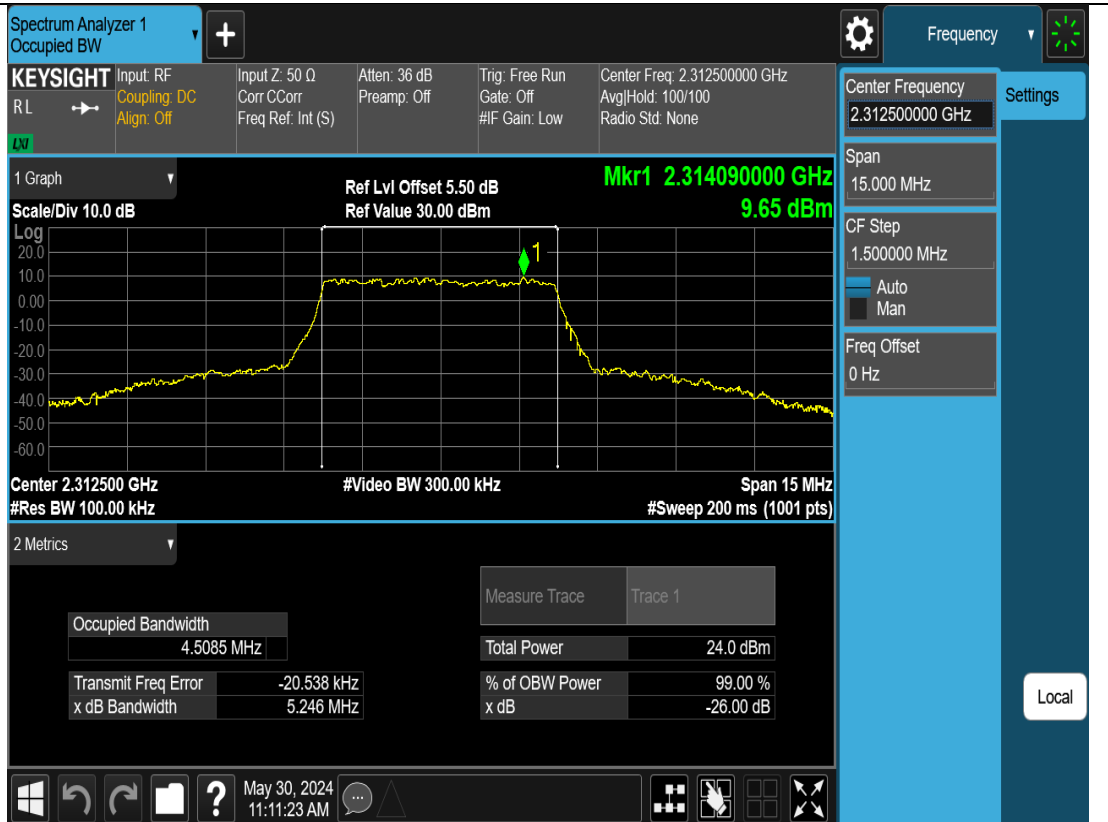
N30-5M-OBW-H-CP-OFDM-16QAM



N30-5M-OBW-H-CP-OFDM-64QAM



N30-5M-OBW-H-CP-OFDM-256QAM



N30-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF
RL Coupling: DC
Align: Off

Input Z: 50 Ω
Corr: CCorr
Freq Ref: Int (S)

Atten: 36 dB
Preamp: Off

Trig: Free Run
Gate: Off
#F Gain: Low

Center Freq: 2.310000000 GHz
Avg/Hold: 100/100
Radio Std: None

Center Frequency: 2.310000000 GHz
Span: 30.000 MHz
CF Step: 3.000000 MHz
Auto Man
Freq Offset: 0 Hz

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 5.50 dB
Ref Value 30.00 dBm
Mkr1 2.307060000 GHz
14.49 dBm

Center 2.31000 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 200 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	8.9359 MHz	Total Power	29.7 dBm
Transmit Freq Error	-189.48 kHz	% of OBW Power	99.00 %
x dB Bandwidth	9.654 MHz	x dB	-26.00 dB

May 30, 2024
1:49:17 PM

Local

N30-10M-OBW-M-DFT-s-OFDM-QPSK

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF
RL Coupling: DC
Align: Off

Input Z: 50 Ω
Corr: CCorr
Freq Ref: Int (S)

Atten: 36 dB
Preamp: Off

Trig: Free Run
Gate: Off
#F Gain: Low

Center Freq: 2.310000000 GHz
Avg/Hold: 100/100
Radio Std: None

Center Frequency: 2.310000000 GHz
Span: 30.000 MHz
CF Step: 3.000000 MHz
Auto Man
Freq Offset: 0 Hz

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 5.50 dB
Ref Value 30.00 dBm
Mkr1 2.308290000 GHz
14.38 dBm

Center 2.31000 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 200 ms (1001 pts)

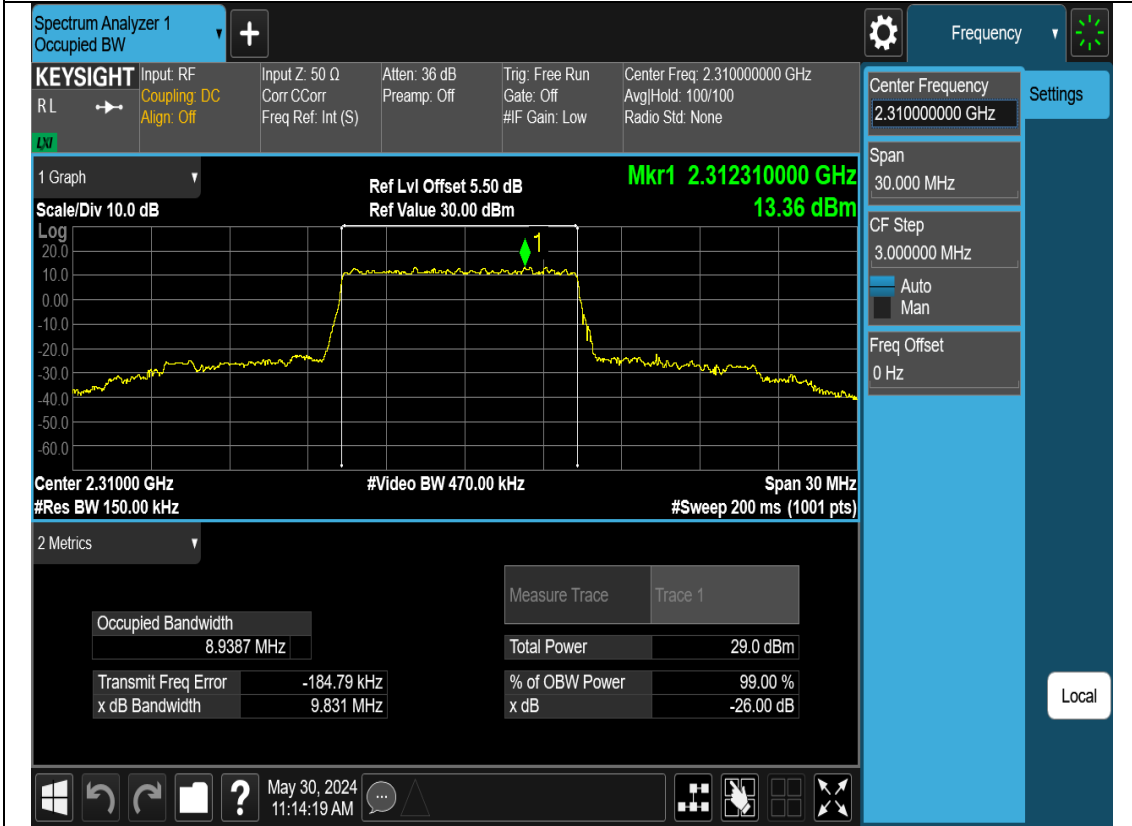
2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	8.9629 MHz	Total Power	30.1 dBm
Transmit Freq Error	-199.63 kHz	% of OBW Power	99.00 %
x dB Bandwidth	9.883 MHz	x dB	-26.00 dB

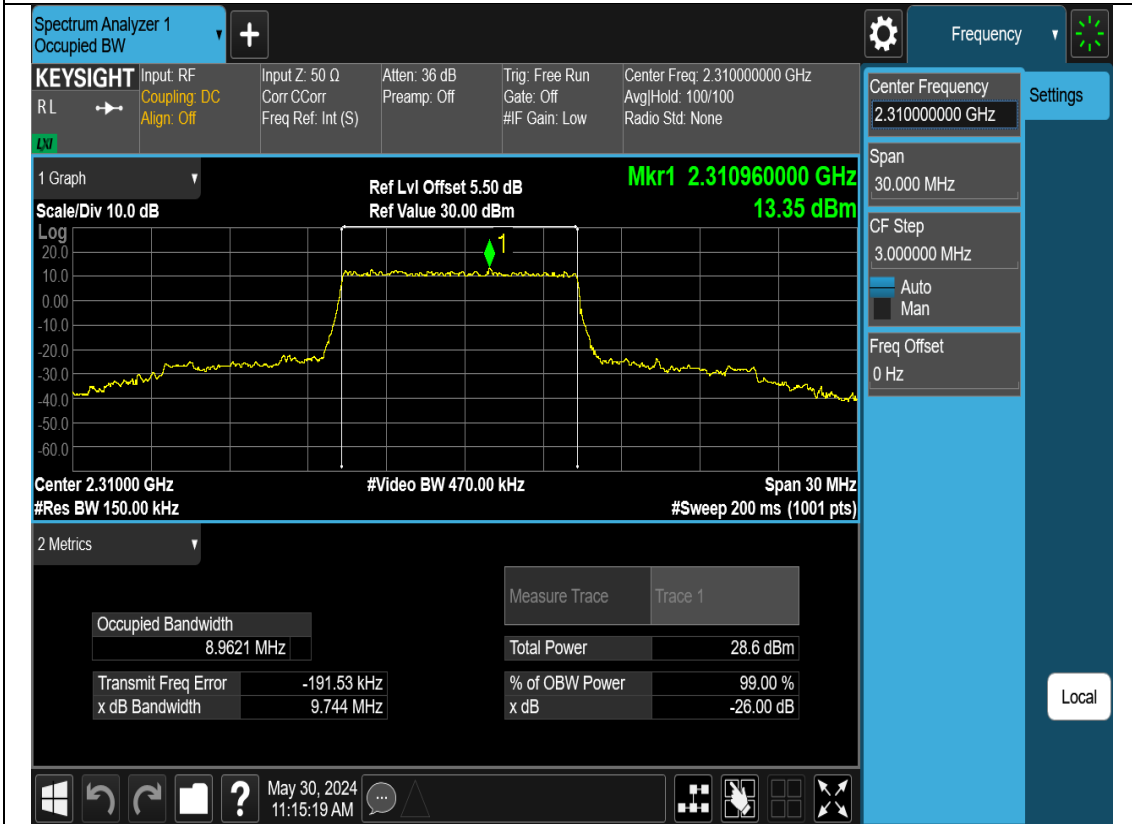
May 30, 2024
11:13:19 AM

Local

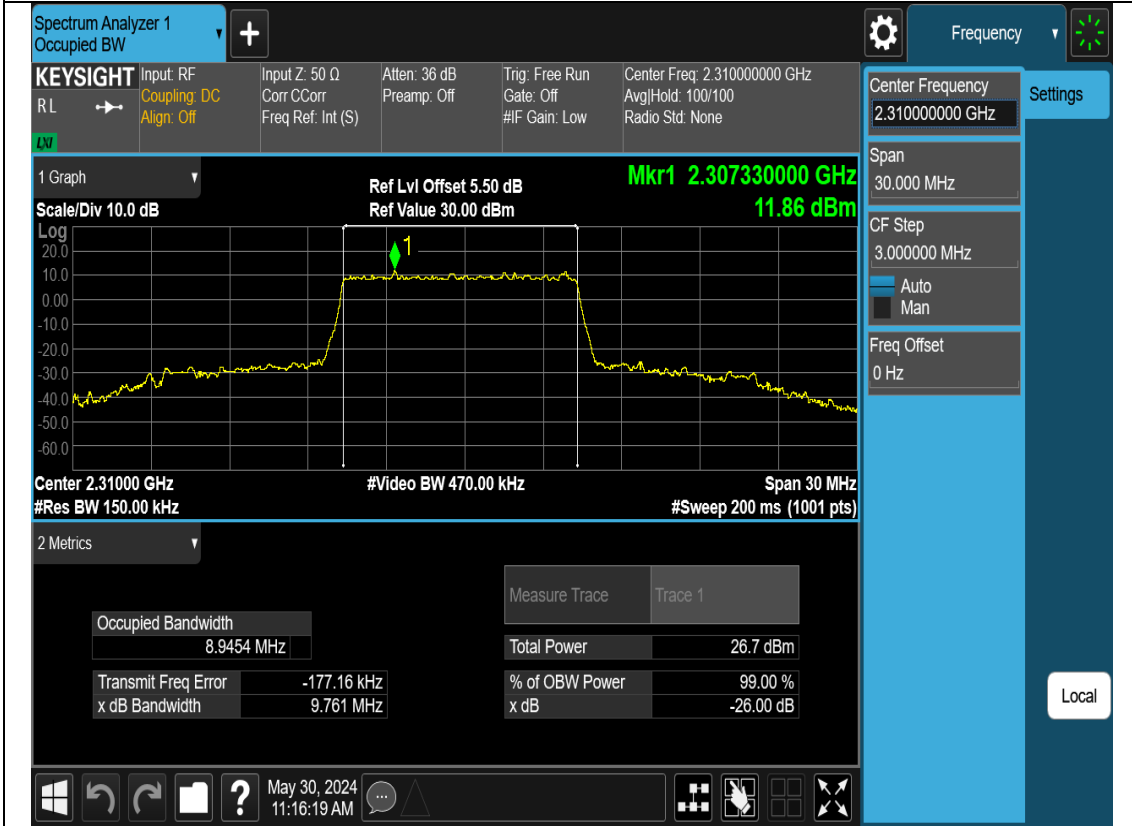
N30-10M-OBW-M-DFT-s-OFDM-16QAM



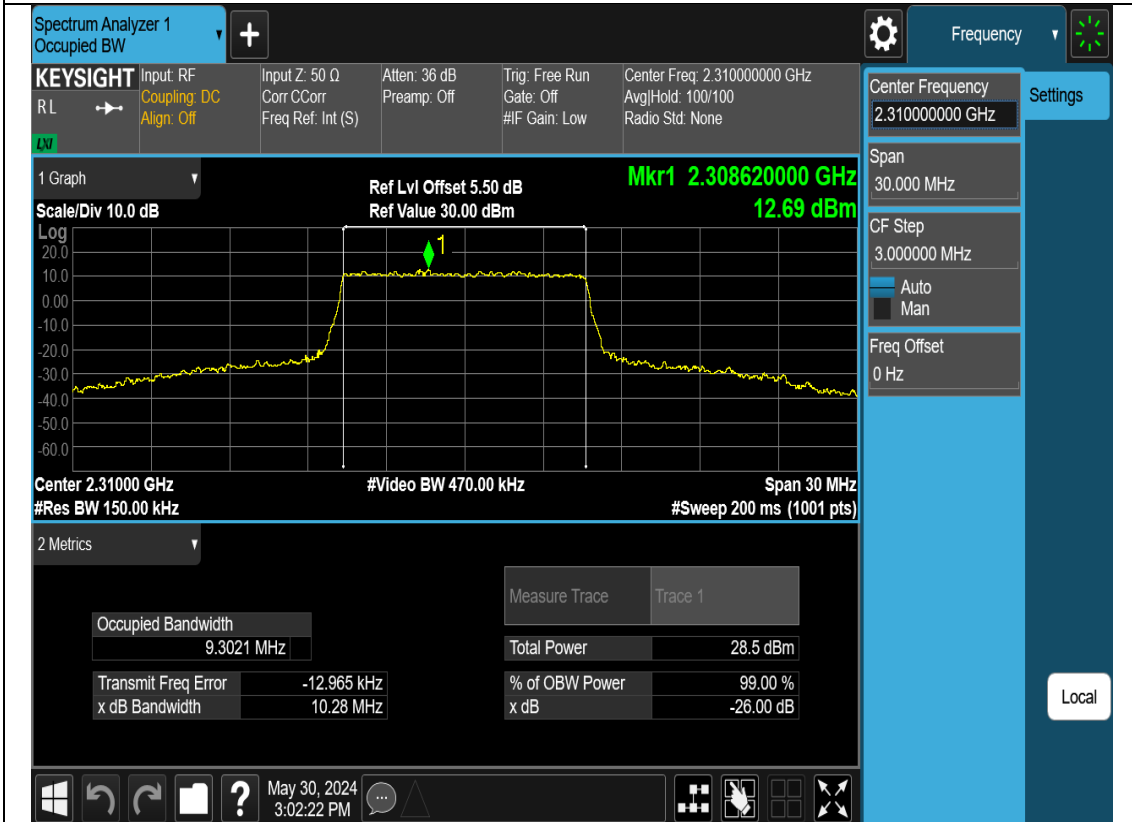
N30-10M-OBW-M-DFT-s-OFDM-64QAM



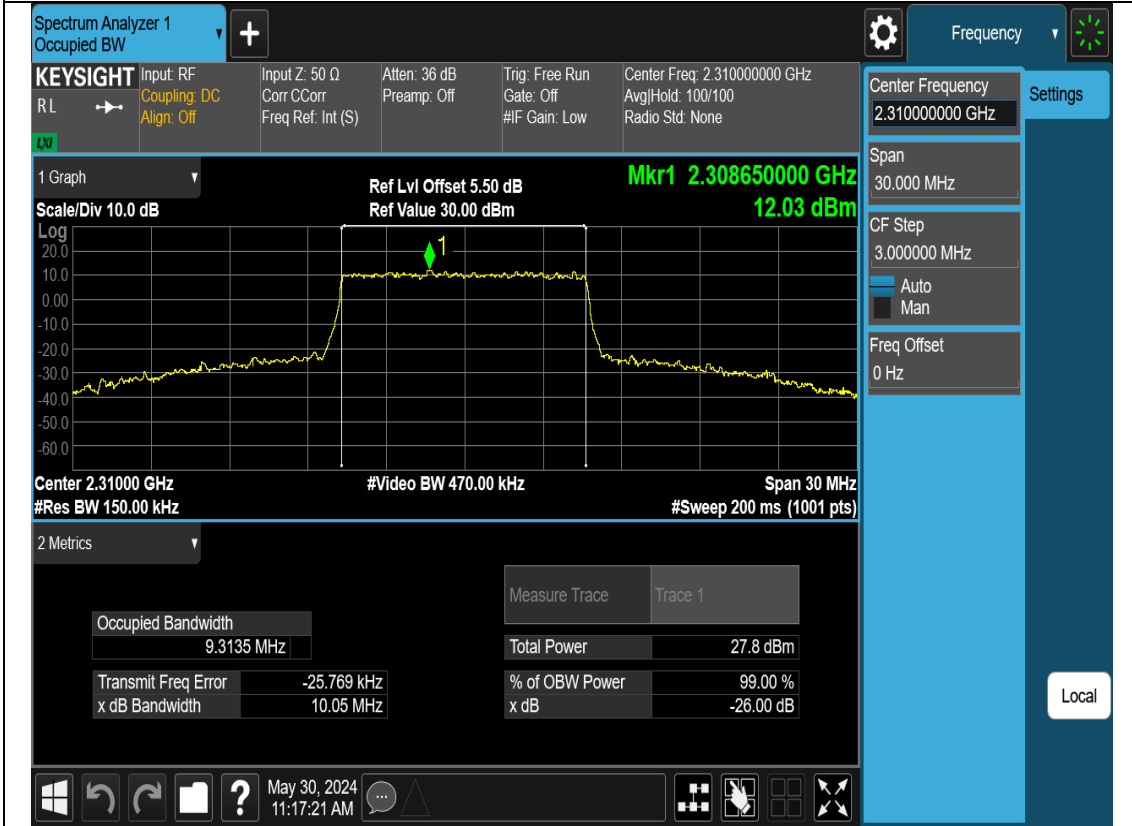
N30-10M-OBW-M-DFT-s-OFDM-256QAM



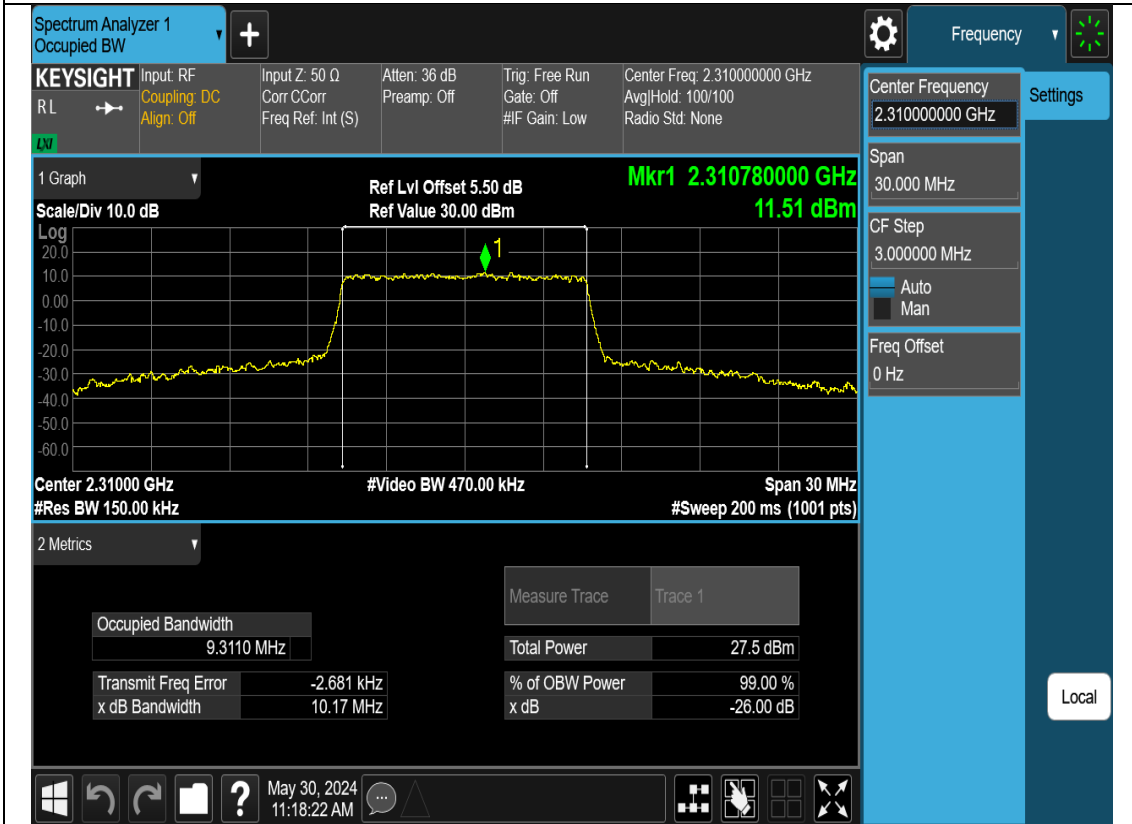
N30-10M-OBW-M-CP-OFDM-QPSK



N30-10M-OBW-M-CP-OFDM-16QAM



N30-10M-OBW-M-CP-OFDM-64QAM



N30-10M-OBW-M-CP-OFDM-256QAM

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF
RL → Coupling: DC
Align: Off

Input Z: 50 Ω
Corr: CCorr
Freq Ref: Int (S)

Atten: 36 dB
Preamp: Off

Trig: Free Run
Gate: Off
#IF Gain: Low

Center Freq: 2.31000000 GHz
Avg/Hold: 100/100
Radio Std: None

Center Frequency: 2.31000000 GHz
Span: 30.000 MHz
CF Step: 3.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Graph
Scale/Div 10.0 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

Ref Lvl Offset 5.50 dB
Ref Value 30.00 dBm
Mkr1 2.307270000 GHz
8.89 dBm

Center 2.31000 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 200 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	9.2895 MHz	Total Power	24.3 dBm
Transmit Freq Error	-6.666 KHz	% of OBW Power	99.00 %
x dB Bandwidth	10.28 MHz	x dB	-26.00 dB

Local

May 30, 2024
11:19:22 AM

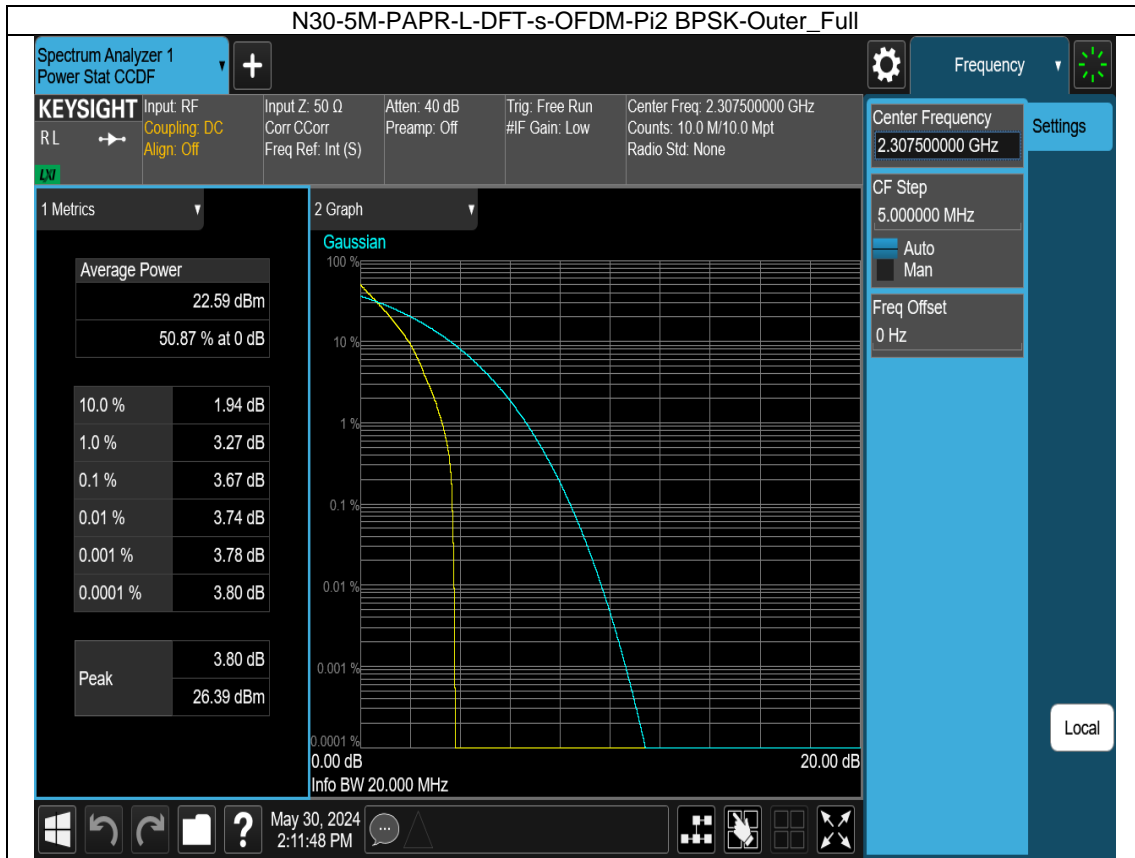
Peak-Average Ratio

Test Result

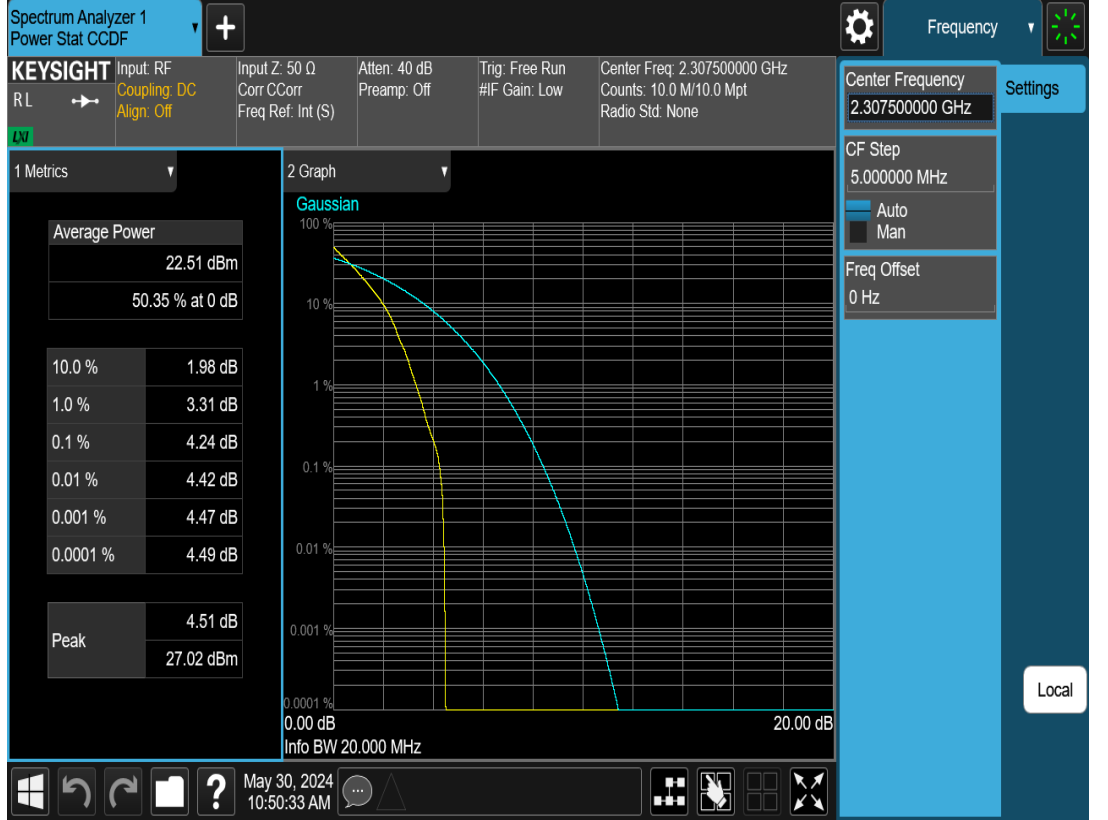
5G NR n30 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	3.67	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	4.24	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	5.42	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.36	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.33	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.01	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.00	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.46	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.86	<=13	Pass
DFT-s-OFDM PI/2 BPSK		Middle CH	Outer_Full	3.66	<=13
DFT-s-OFDM QPSK	Outer_Full		5.48	<=13	Pass
DFT-s-OFDM 16QAM	Outer_Full		6.26	<=13	Pass
DFT-s-OFDM 64QAM	Outer_Full		6.37	<=13	Pass
DFT-s-OFDM 256QAM	Outer_Full		6.77	<=13	Pass
CP-OFDM QPSK	Outer_Full		7.05	<=13	Pass
CP-OFDM 16QAM	Outer_Full		6.96	<=13	Pass
CP-OFDM 64QAM	Outer_Full		7.43	<=13	Pass
CP-OFDM 256QAM	Outer_Full		8.99	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH		Outer_Full	3.77	<=13
DFT-s-OFDM QPSK		Outer_Full	5.34	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.15	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.28	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.76	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.93	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.47	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.12	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.70	<=13	Pass

5G NR n30 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	5.53	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.46	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.27	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.46	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.73	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.79	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.72	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.30	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.66	<=13	Pass

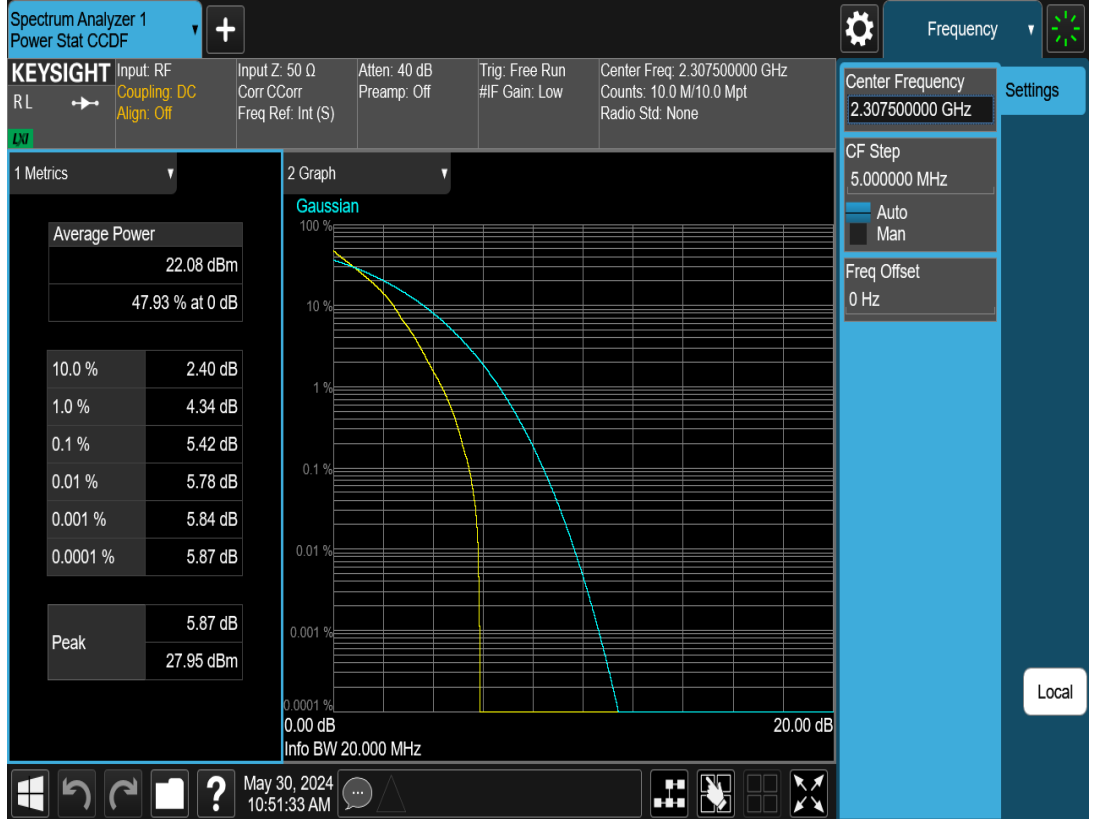
Test Graph



N30-5M-PAPR-L-DFT-s-OFDM-QPSK-Outer_Full



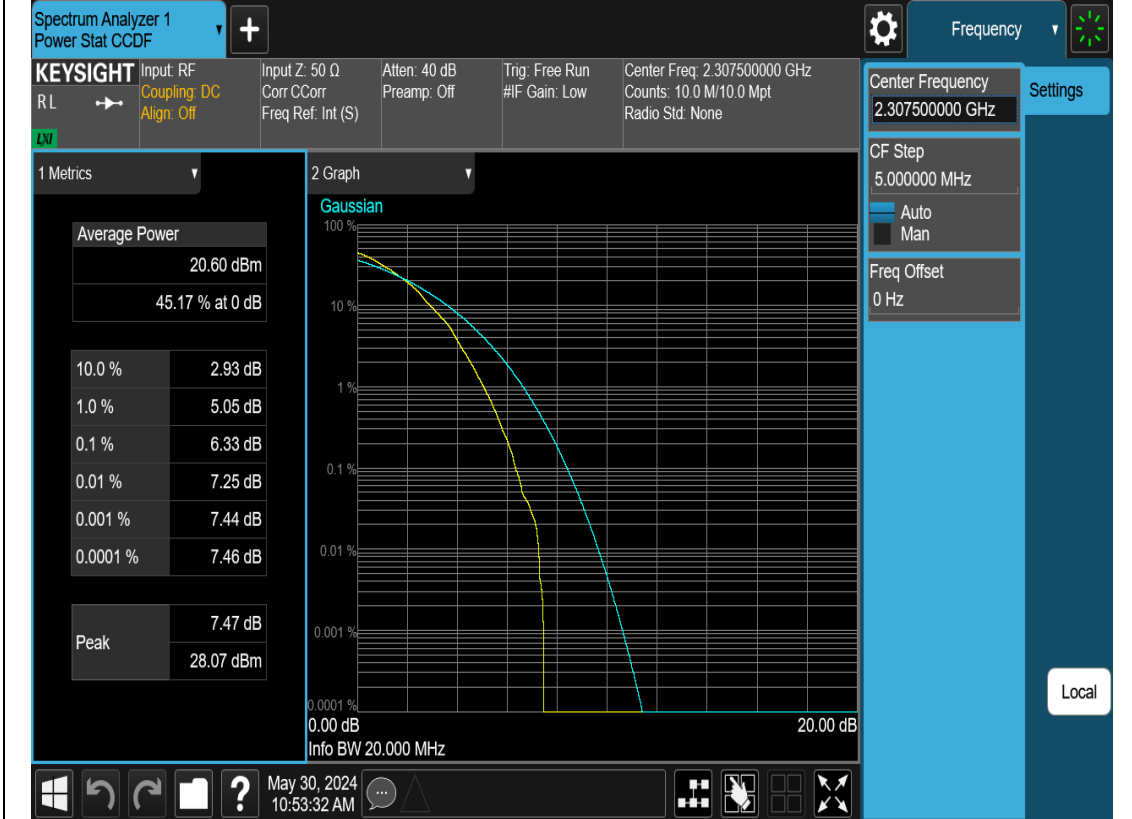
N30-5M-PAPR-L-DFT-s-OFDM-16QAM-Outer_Full



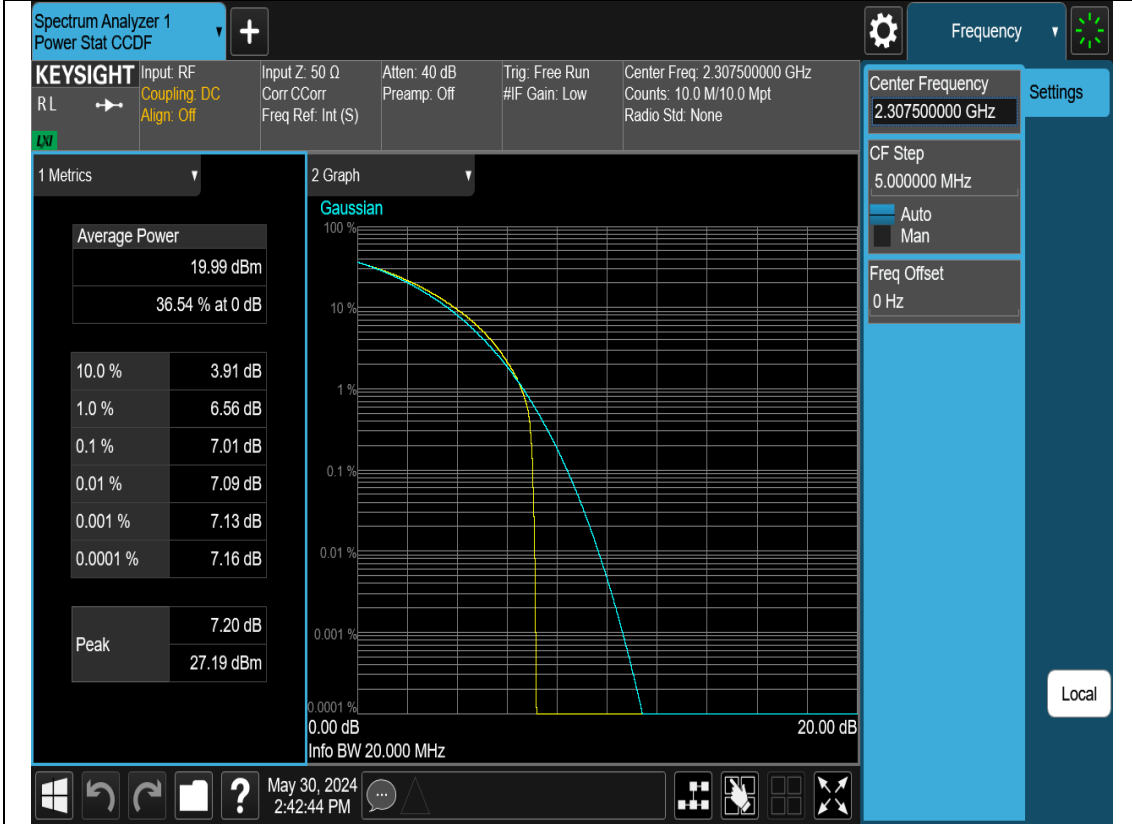
N30-5M-PAPR-L-DFT-s-OFDM-64QAM-Outer_Full



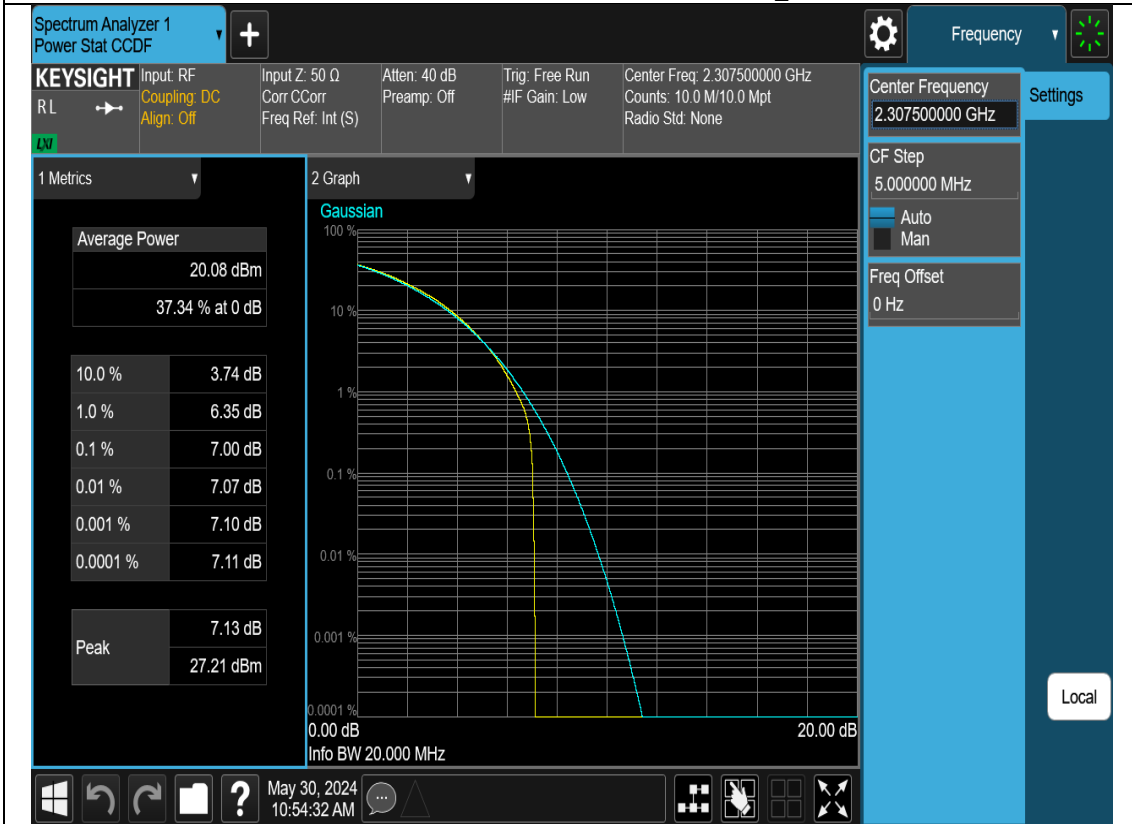
N30-5M-PAPR-L-DFT-s-OFDM-256QAM-Outer_Full



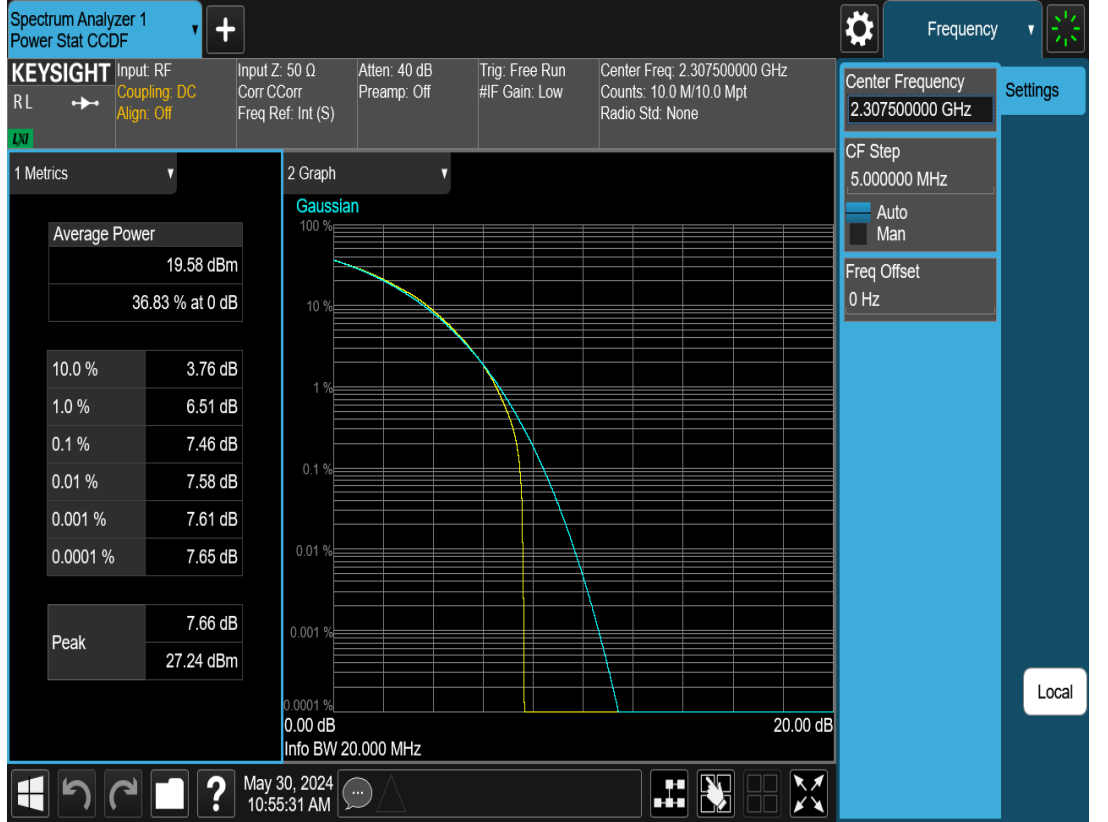
N30-5M-PAPR-L-CP-OFDM-QPSK-Outer_Full



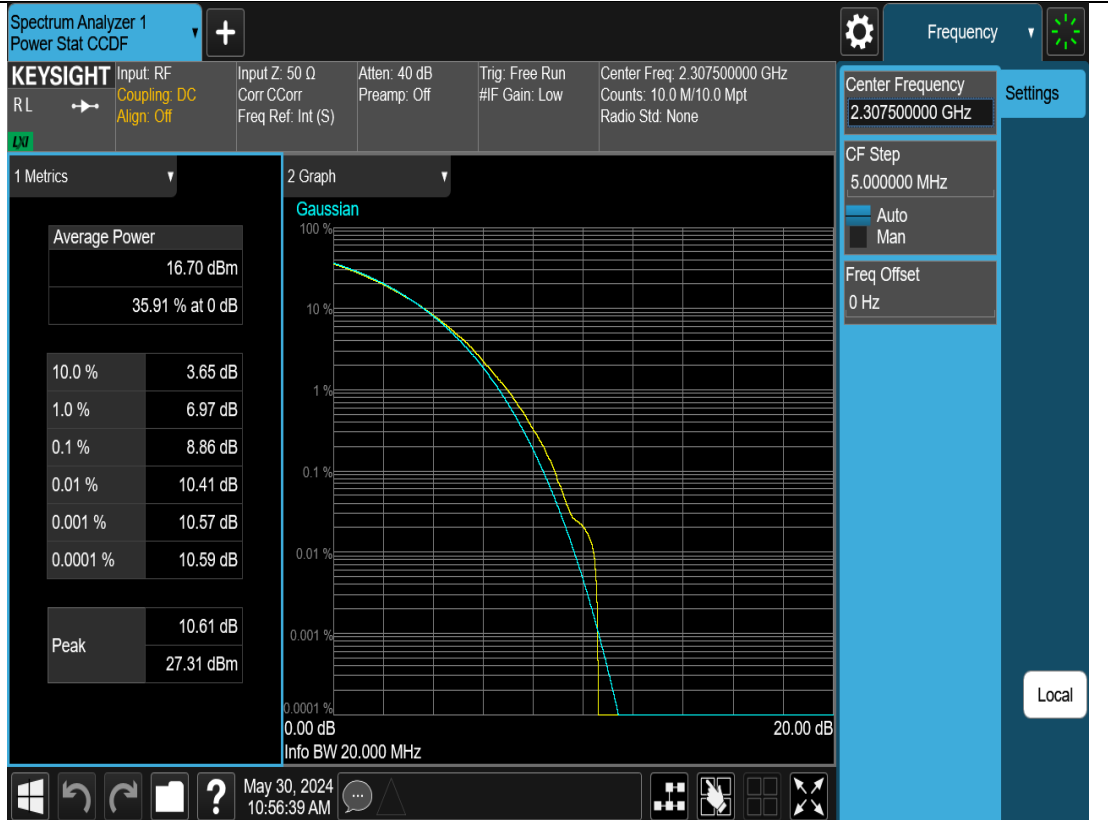
N30-5M-PAPR-L-CP-OFDM-16QAM-Outer_Full



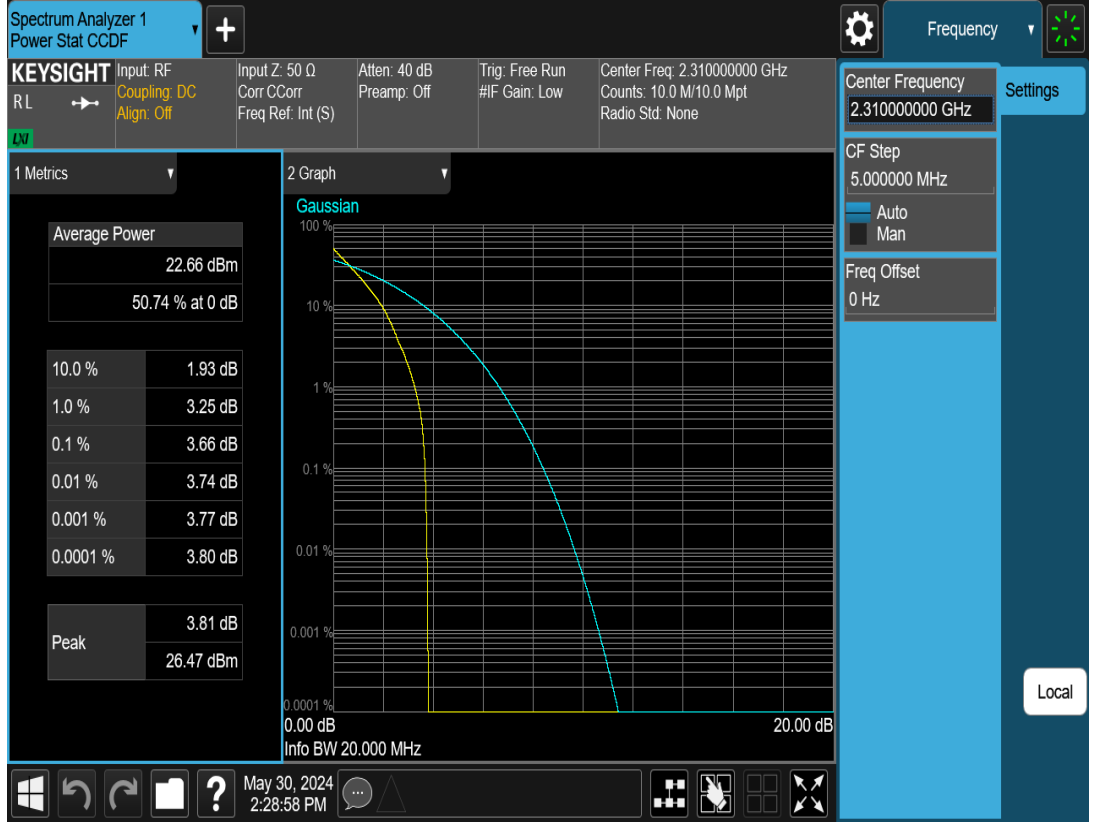
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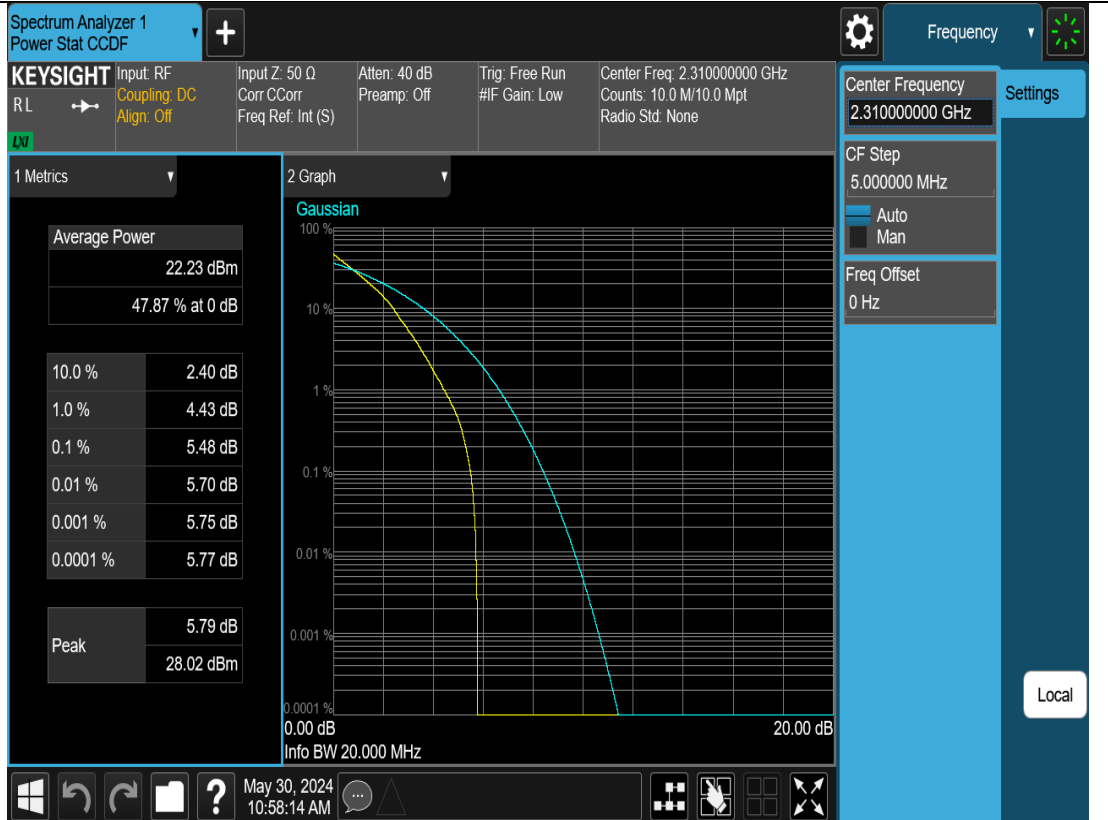
N30-5M-PAPR-L-CP-OFDM-256QAM-Outer_Full



N30-5M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



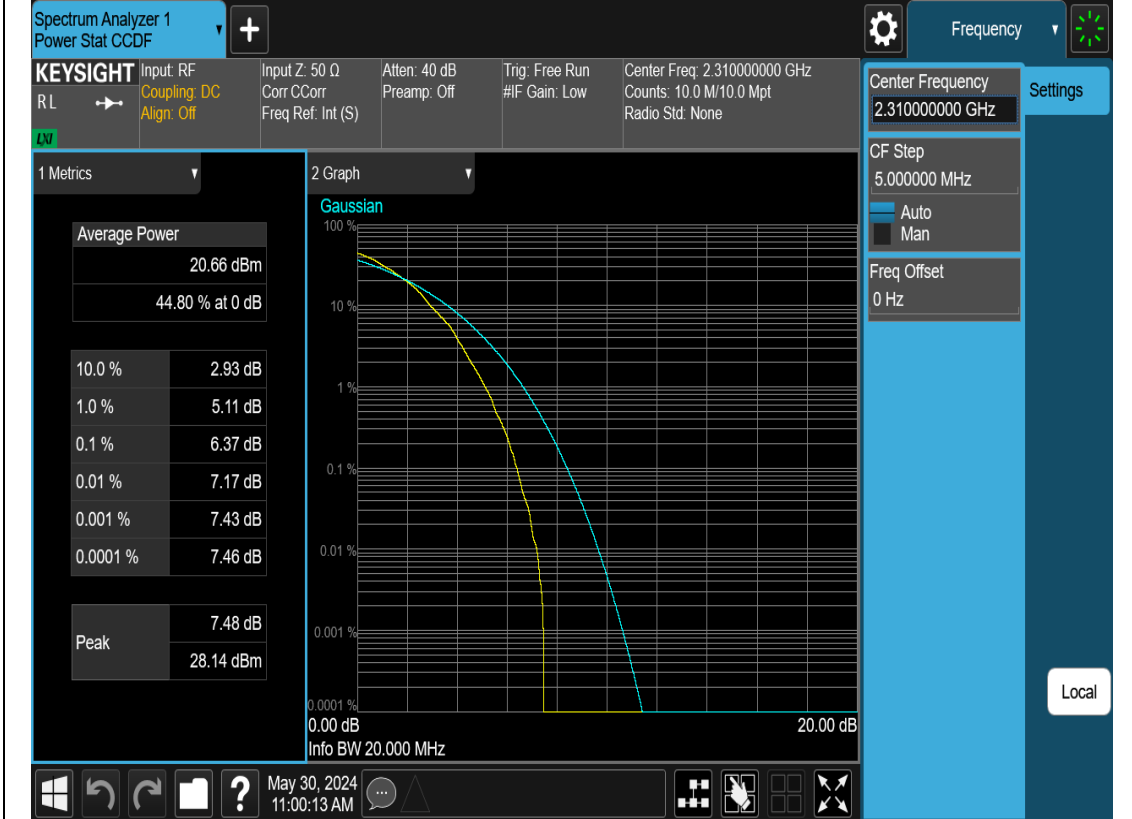
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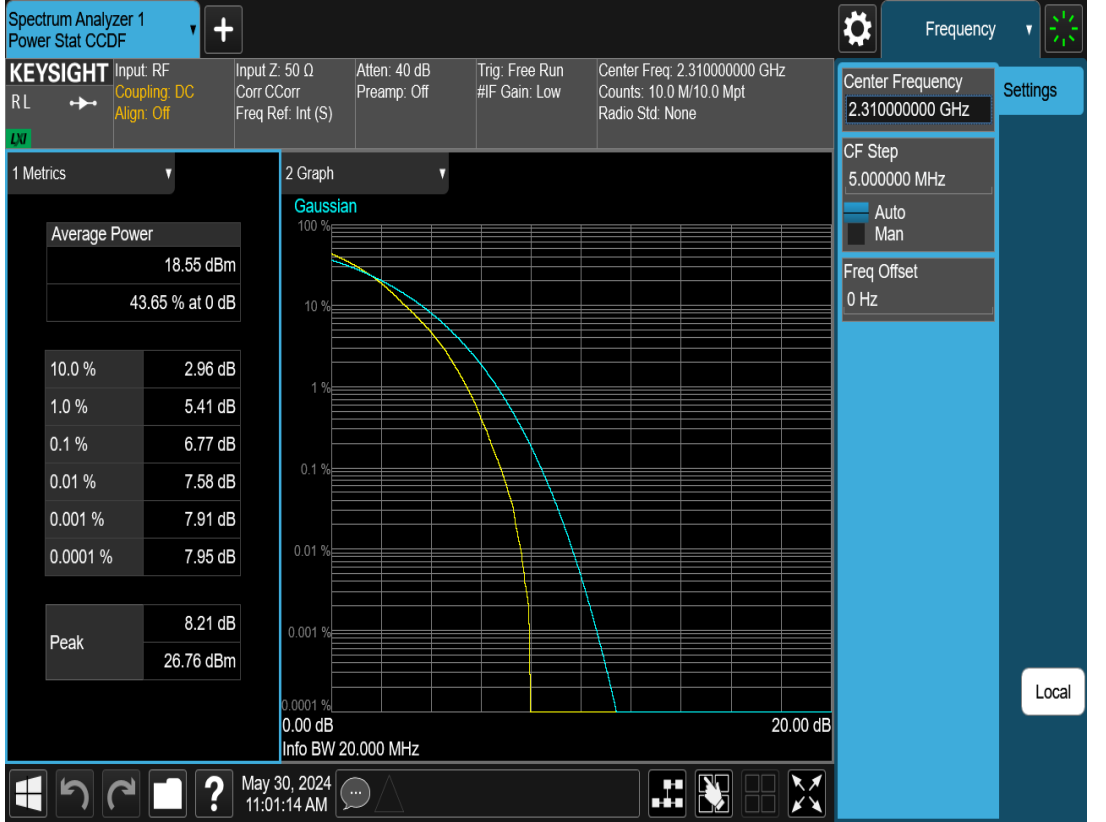
N30-5M-PAPR-M-DFT-s-OFDM-16QAM-Outer_Full



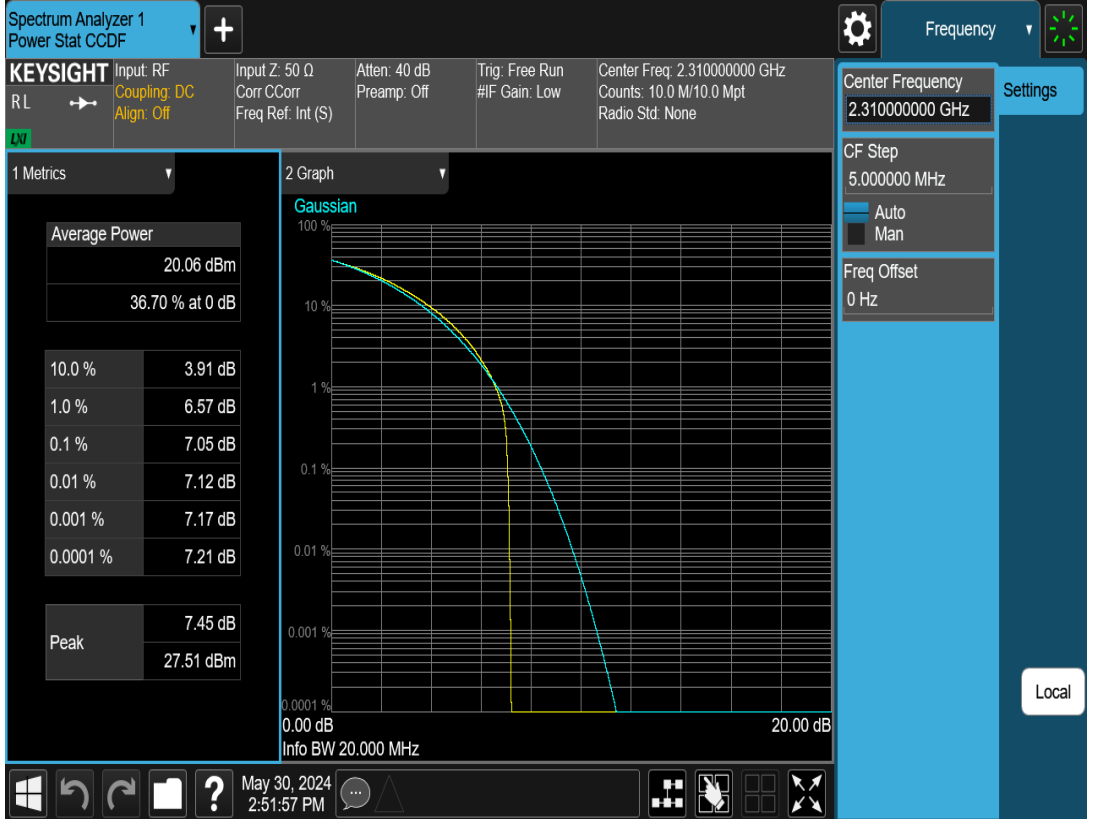
N30-5M-PAPR-M-DFT-s-OFDM-64QAM-Outer_Full



N30-5M-PAPR-M-DFT-s-OFDM-256QAM-Outer_Full



N30-5M-PAPR-M-CP-OFDM-QPSK-Outer_Full



N30-5M-PAPR-M-CP-OFDM-16QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

Input Z: 50 Ω
Corr: CCorr
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#IF Gain: Low

Center Freq: 2.310000000 GHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 2.310000000 GHz

CF Step: 5.000000 MHz

Freq Offset: 0 Hz

1 Metrics

Average Power

19.76 dBm

36.92 % at 0 dB

10.0 %	3.79 dB
1.0 %	6.42 dB
0.1 %	6.96 dB
0.01 %	7.02 dB
0.001 %	7.06 dB
0.0001 %	7.08 dB

Peak

7.09 dB

26.85 dBm

2 Graph

Gaussian

0.0001 %

0.001 %

0.01 %

0.1 %

1 %

10 %

100 %

0.00 dB

20.00 dB

Info BW 20.000 MHz

May 30, 2024 11:02:15 AM

Local

N30-5M-PAPR-M-CP-OFDM-64QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

Input Z: 50 Ω
Corr: CCorr
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#IF Gain: Low

Center Freq: 2.310000000 GHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 2.310000000 GHz

CF Step: 5.000000 MHz

Freq Offset: 0 Hz

1 Metrics

Average Power

19.30 dBm

36.68 % at 0 dB

10.0 %	3.84 dB
1.0 %	6.51 dB
0.1 %	7.43 dB
0.01 %	7.54 dB
0.001 %	7.58 dB
0.0001 %	7.60 dB

Peak

7.62 dB

26.92 dBm

2 Graph

Gaussian

0.0001 %

0.001 %

0.01 %

0.1 %

1 %

10 %

100 %

0.00 dB

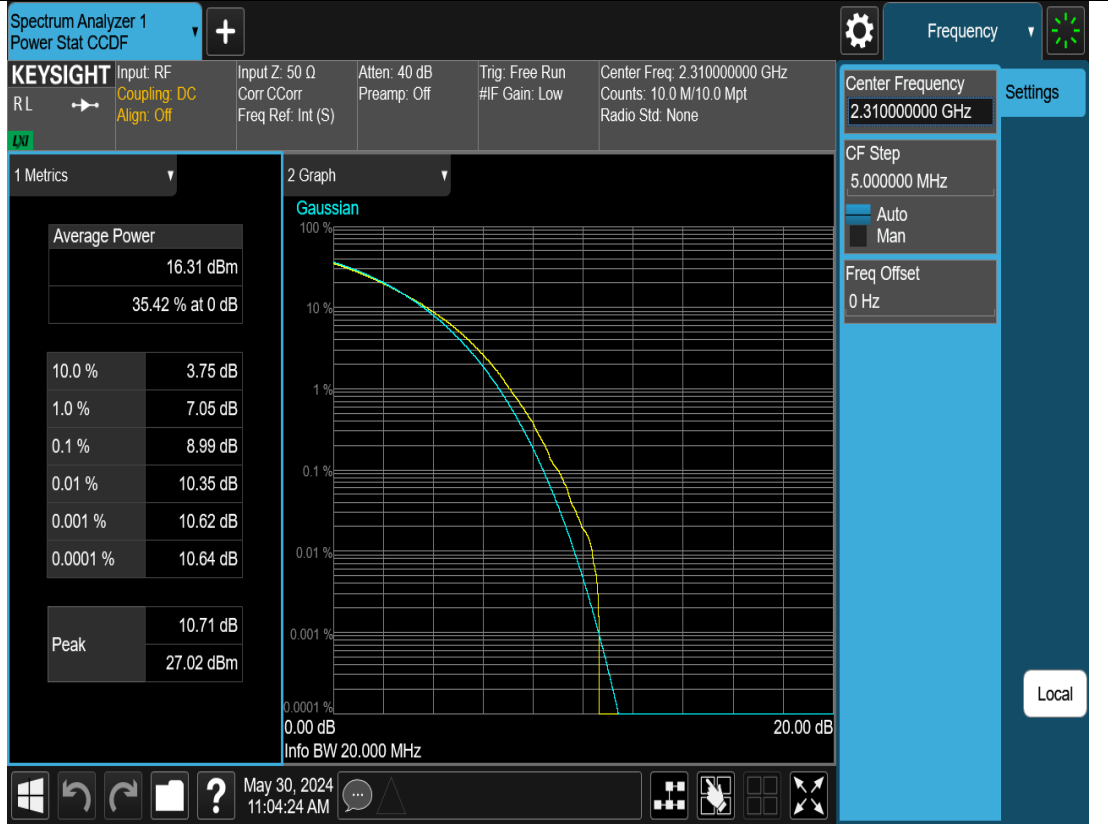
20.00 dB

Info BW 20.000 MHz

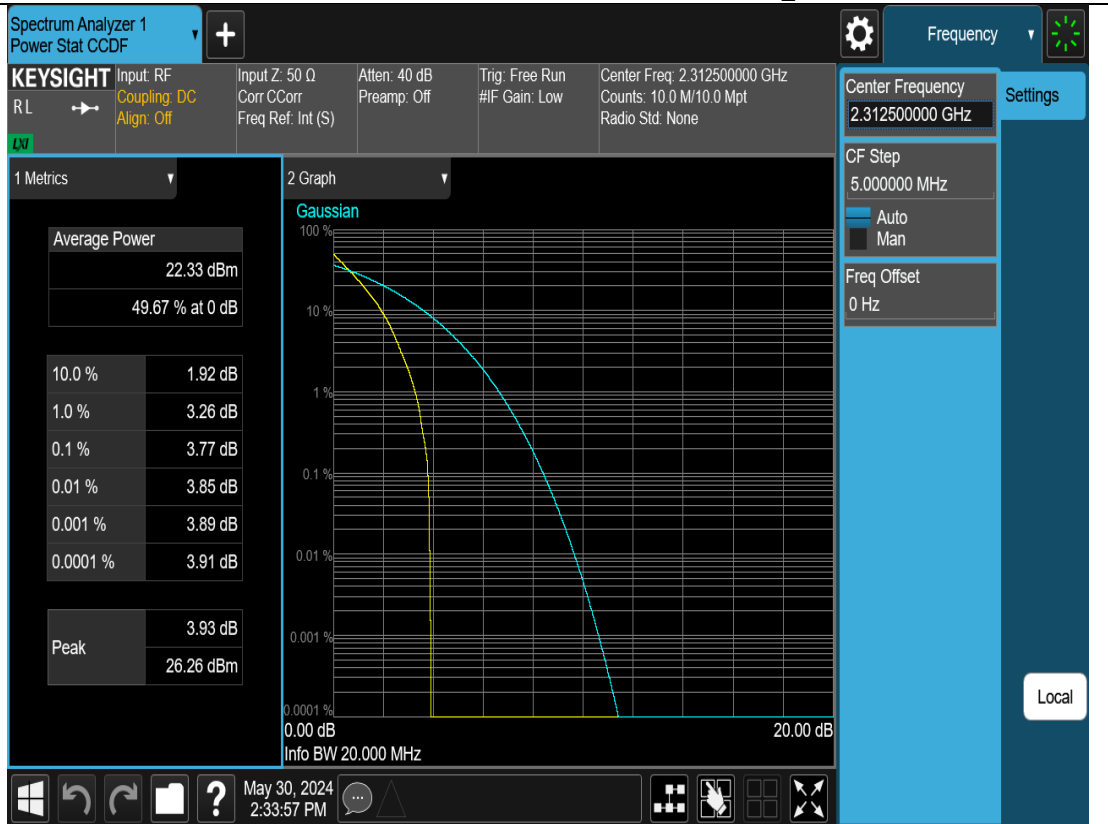
May 30, 2024 11:03:15 AM

Local

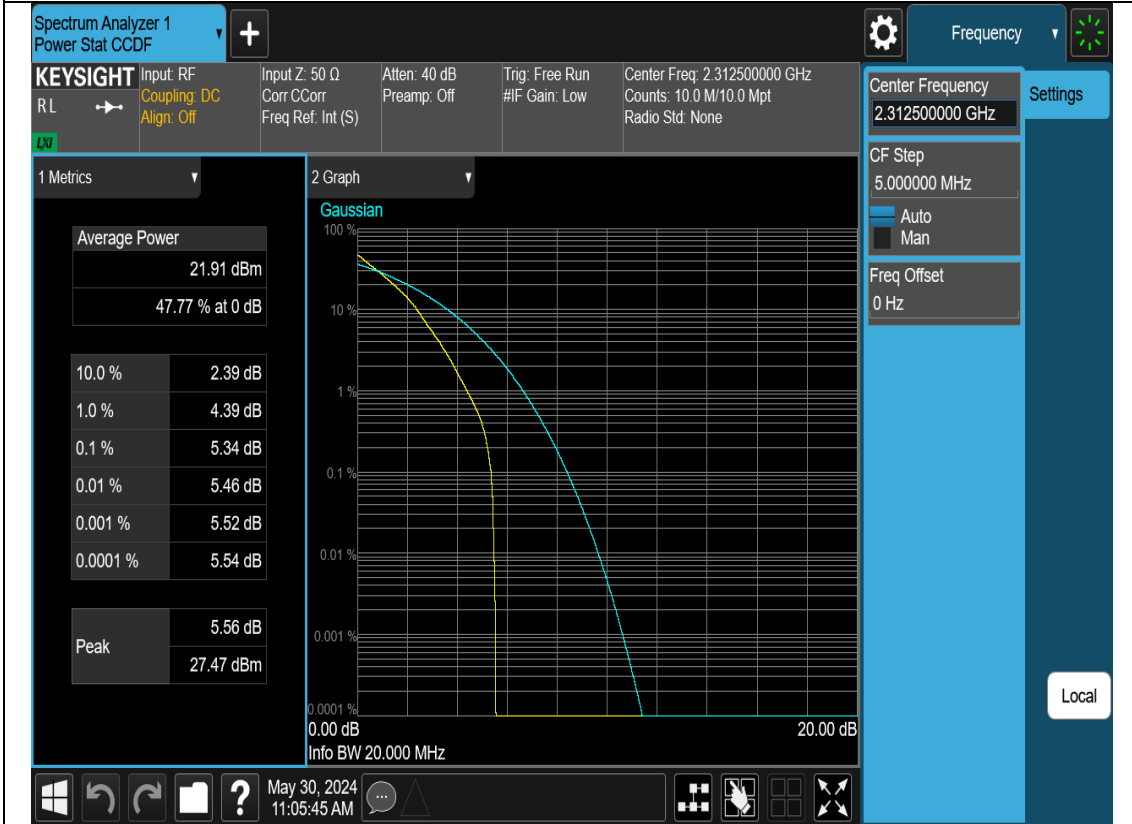
N30-5M-PAPR-M-CP-OFDM-256QAM-Outer_Full



N30-5M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N30-5M-PAPR-H-DFT-s-OFDM-QPSK-Outer_Full



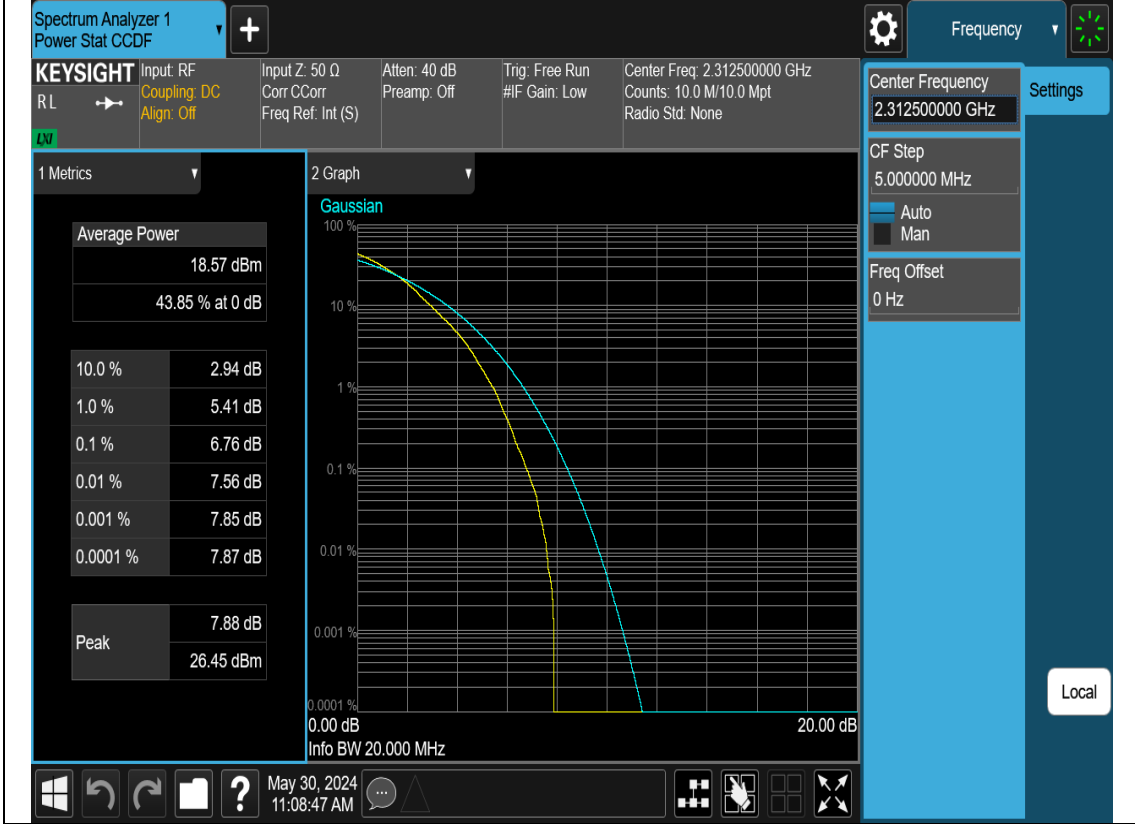
N30-5M-PAPR-H-DFT-s-OFDM-16QAM-Outer_Full



N30-5M-PAPR-H-DFT-s-OFDM-64QAM-Outer_Full



N30-5M-PAPR-H-DFT-s-OFDM-256QAM-Outer_Full



N30-5M-PAPR-H-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
RL Coupling: DC
Align: Off

Input Z: 50 Ω
Corr: CCorr
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#IF Gain: Low

Center Freq: 2.312500000 GHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 2.312500000 GHz
CF Step: 5.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Metrics

Average Power	19.91 dBm
	36.89 % at 0 dB
10.0 %	3.87 dB
1.0 %	6.47 dB
0.1 %	6.93 dB
0.01 %	7.02 dB
0.001 %	7.08 dB
0.0001 %	7.12 dB
Peak	7.58 dB
	27.49 dBm

2 Graph

Gaussian

0.0001 %
0.001 %
0.01 %
0.1 %
1 %
10 %
100 %

0.00 dB
20.00 dB

Info BW 20.000 MHz

May 30, 2024
2:56:33 PM

Local

N30-5M-PAPR-H-CP-OFDM-16QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
RL Coupling: DC
Align: Off

Input Z: 50 Ω
Corr: CCorr
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#IF Gain: Low

Center Freq: 2.312500000 GHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 2.312500000 GHz
CF Step: 5.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Metrics

Average Power	19.96 dBm
	36.65 % at 0 dB
10.0 %	3.74 dB
1.0 %	6.55 dB
0.1 %	7.47 dB
0.01 %	7.64 dB
0.001 %	7.71 dB
0.0001 %	7.73 dB
Peak	7.74 dB
	27.70 dBm

2 Graph

Gaussian

0.0001 %
0.001 %
0.01 %
0.1 %
1 %
10 %
100 %

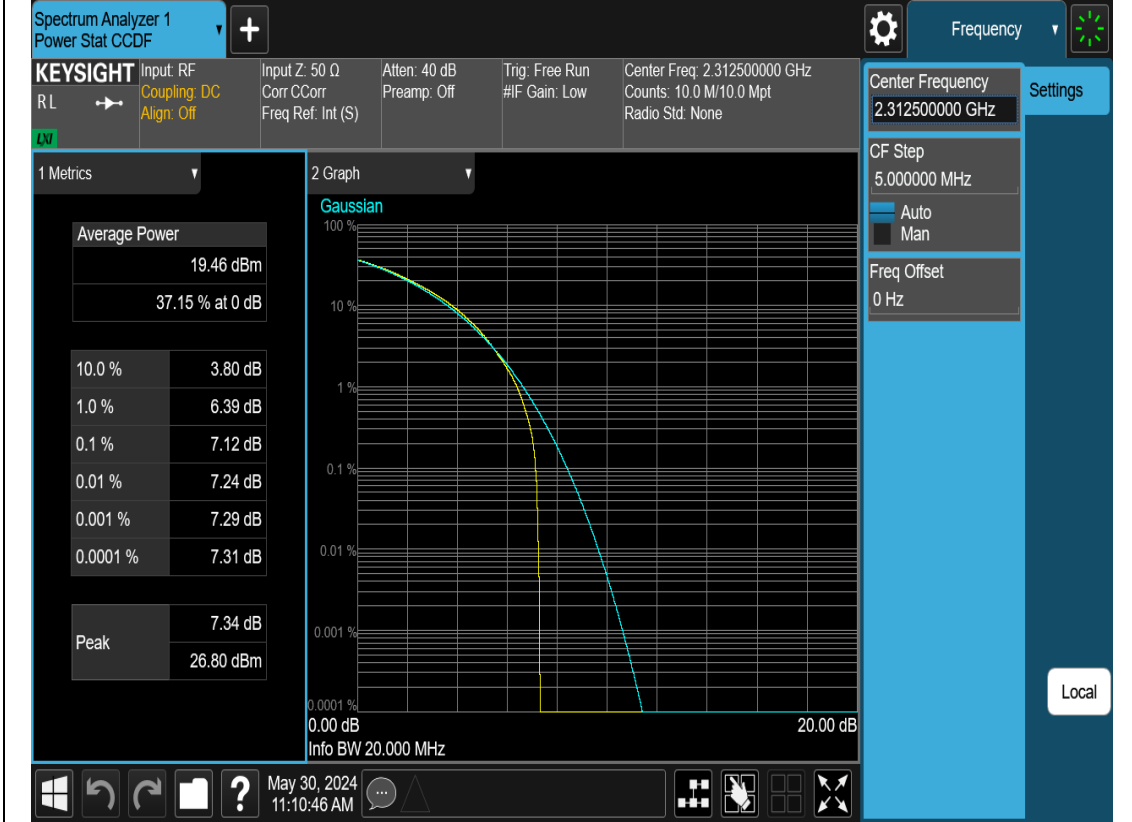
0.00 dB
20.00 dB

Info BW 20.000 MHz

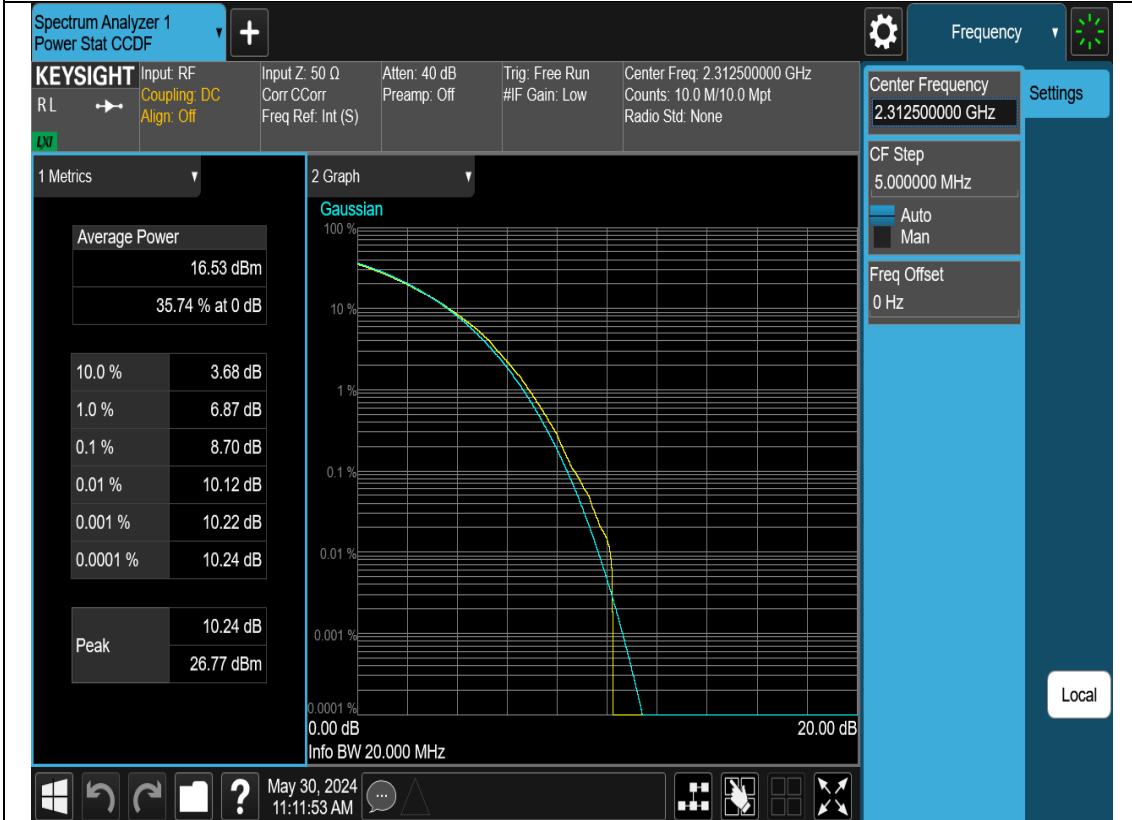
May 30, 2024
11:09:46 AM

Local

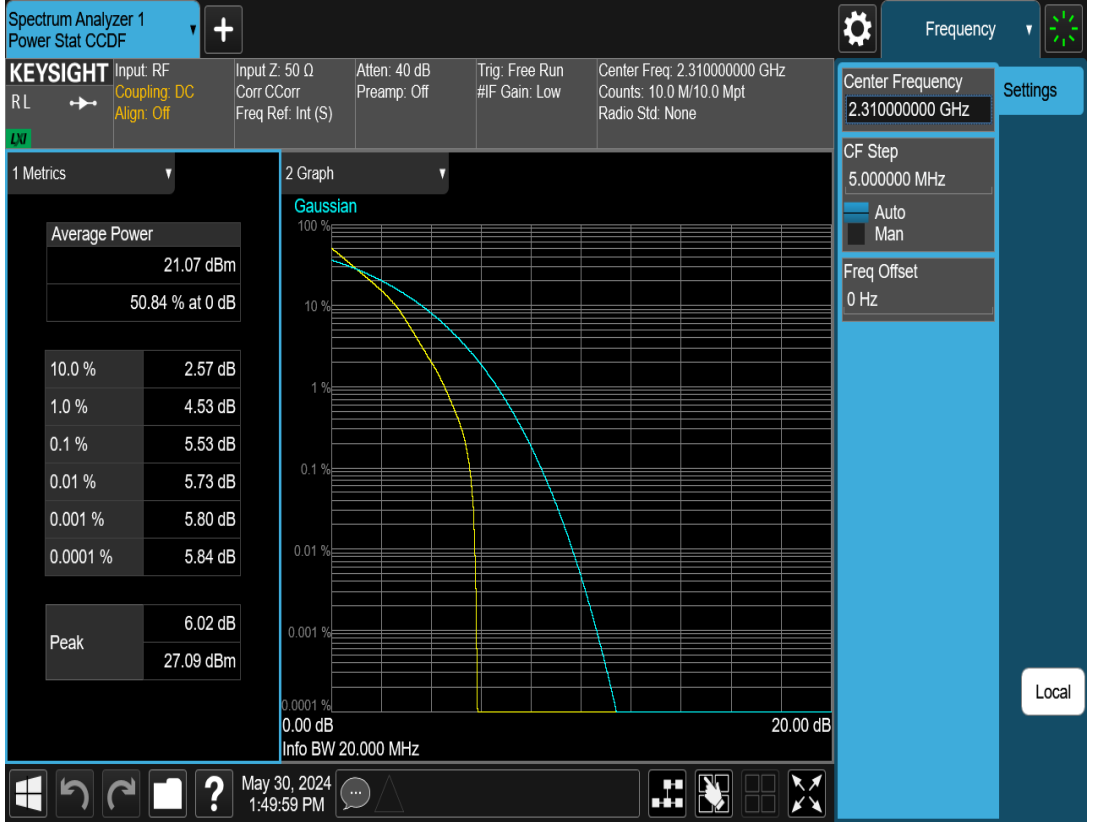
N30-5M-PAPR-H-CP-OFDM-64QAM-Outer_Full



N30-5M-PAPR-H-CP-OFDM-256QAM-Outer_Full



N30-10M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N30-10M-PAPR-M-DFT-s-OFDM-QPSK-Outer_Full

