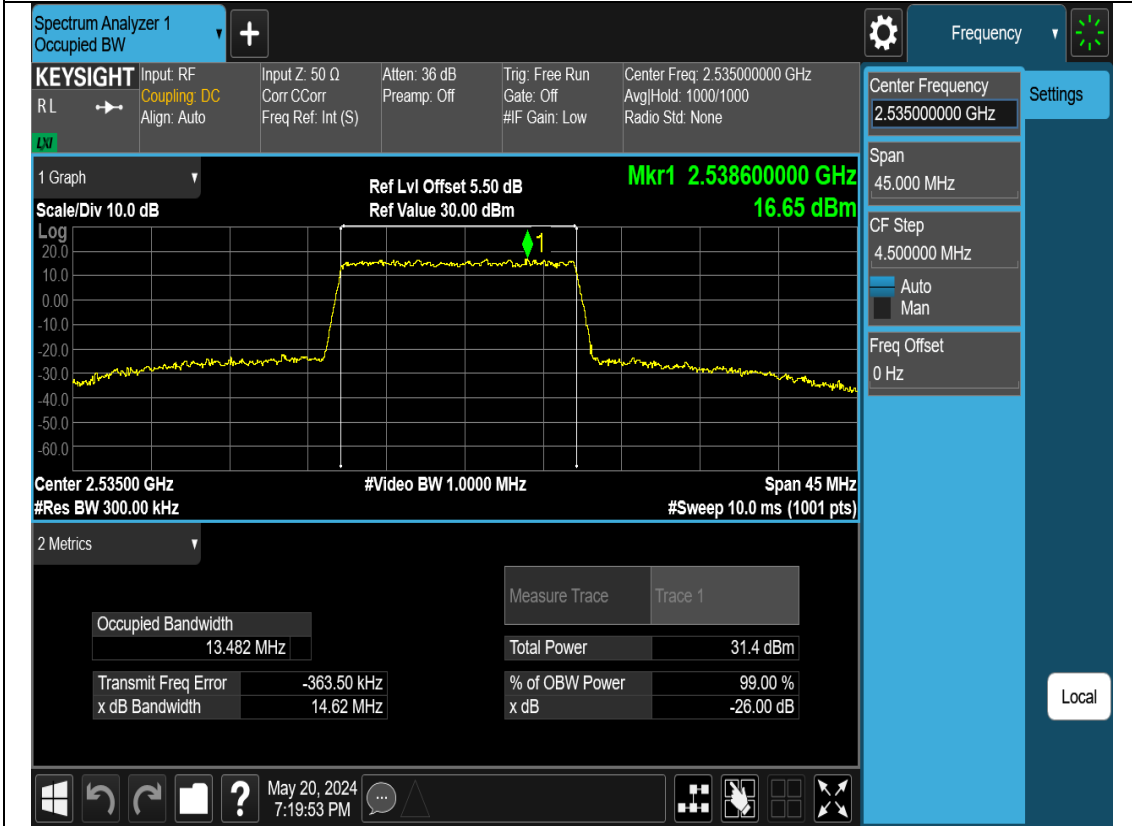
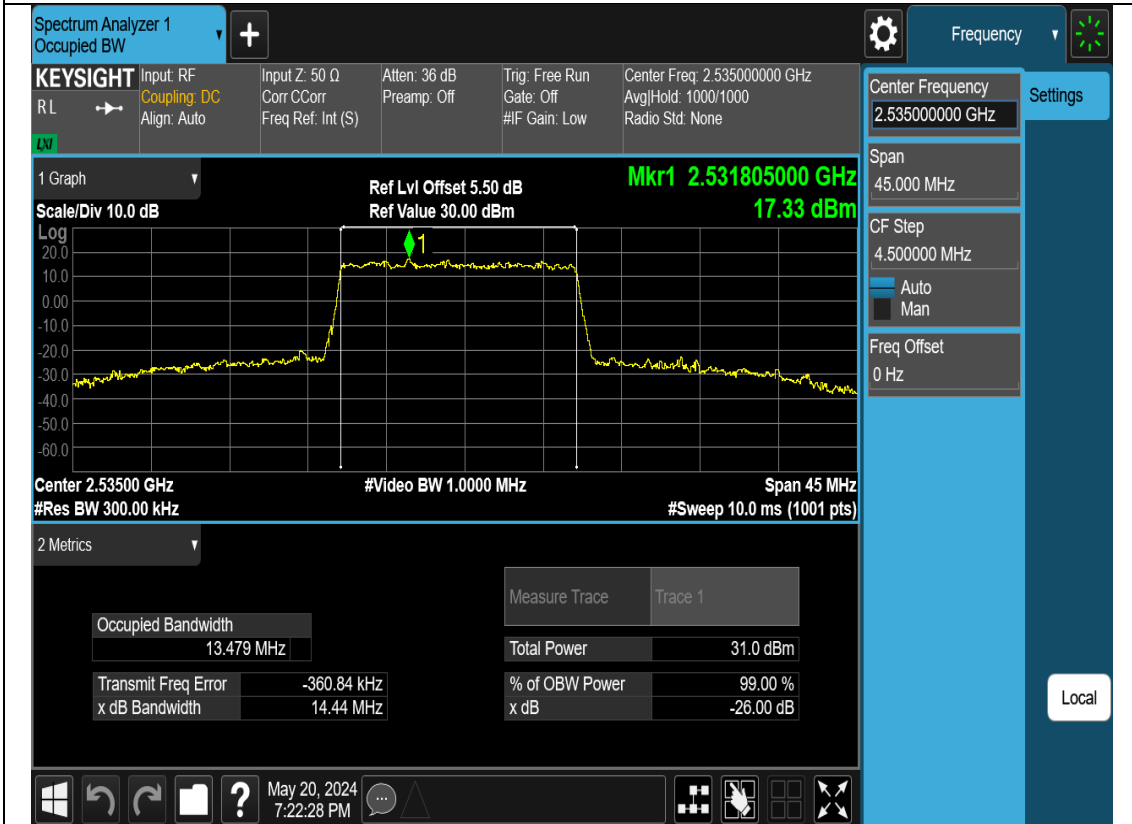


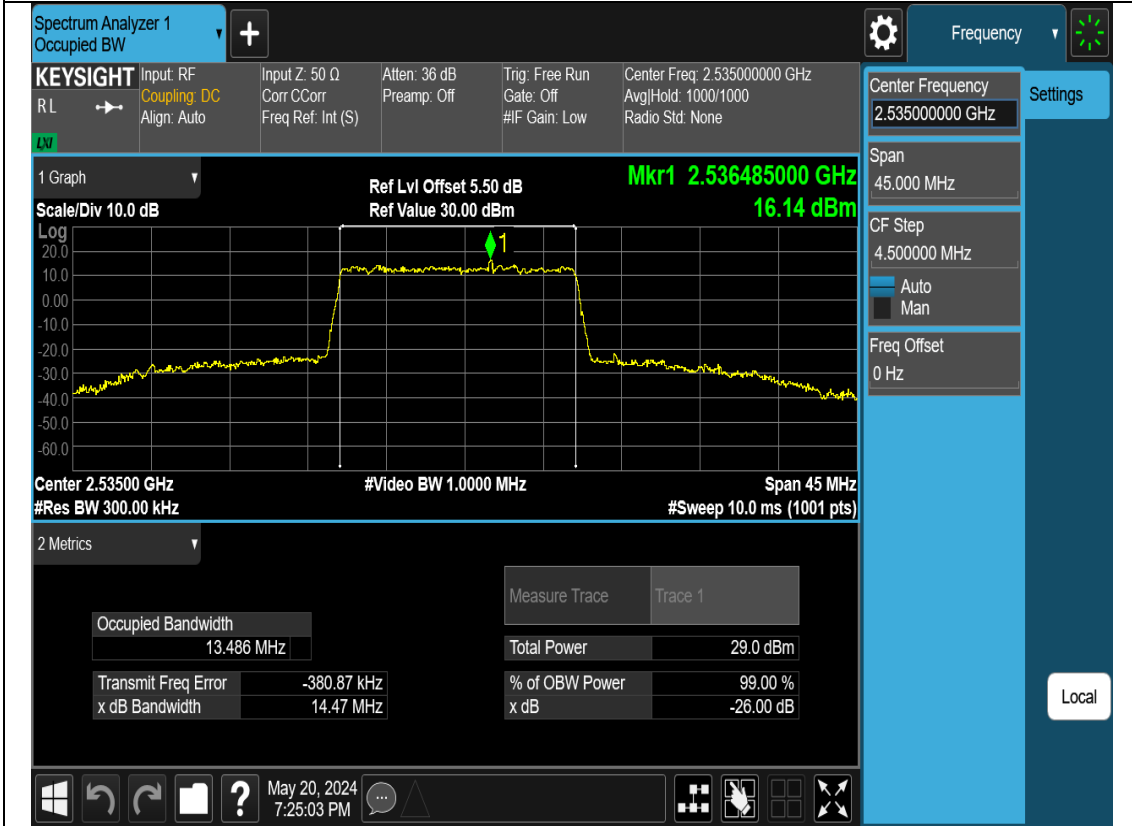
N7-15M-OBW-M-DFT-s-OFDM-16QAM



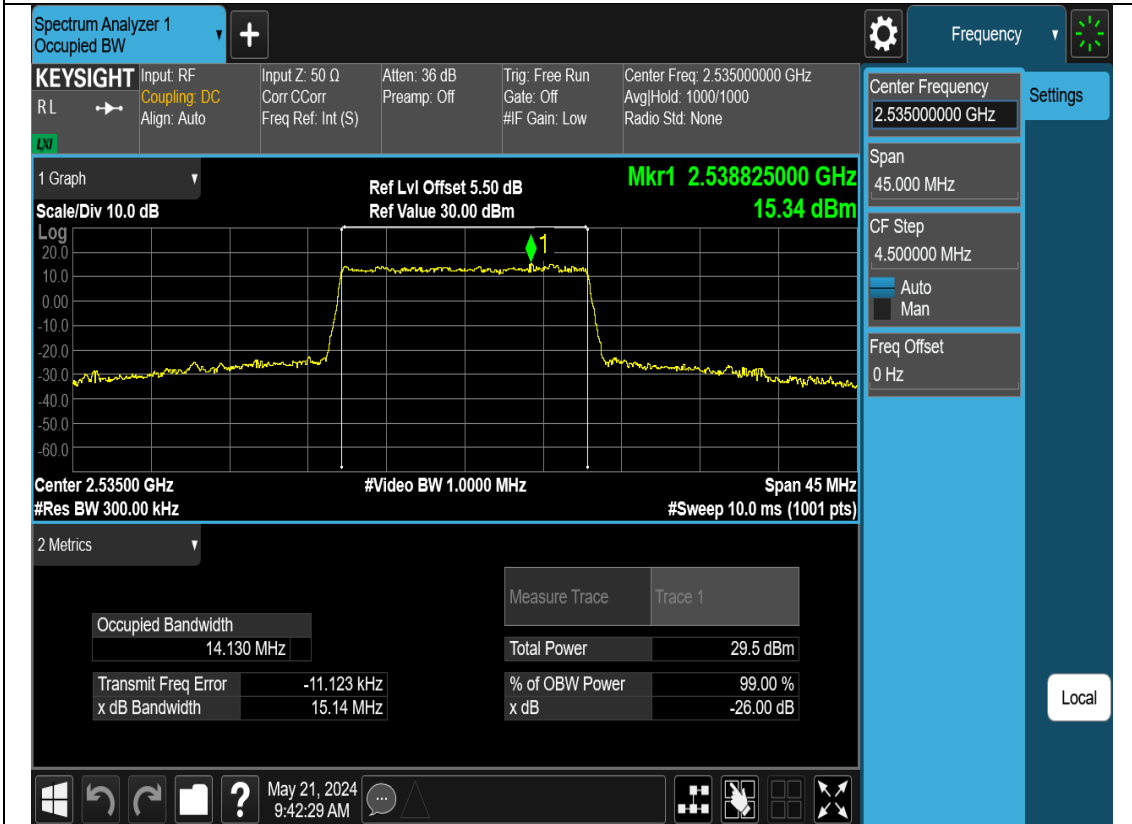
N7-15M-OBW-M-DFT-s-OFDM-64QAM



N7-15M-OBW-M-DFT-s-OFDM-256QAM



N7-15M-OBW-M-CP-OFDM-QPSK



N7-15M-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: 2.53500000 GHz  
 RL Coupling: DC Corr: C Corr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB Mkr1 2.529330000 GHz  
 Ref Value 30.00 dBm 16.36 dBm

Center 2.53500 GHz #Video BW 1.0000 MHz Span 45 MHz  
 #Res BW 300.00 kHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	13.459 MHz	Total Power	30.7 dBm
Transmit Freq Error	-365.77 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.48 MHz	x dB	-26.00 dB

May 20, 2024 7:28:23 PM

N7-15M-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: 2.53500000 GHz  
 RL Coupling: DC Corr: C Corr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB Mkr1 2.539950000 GHz  
 Ref Value 30.00 dBm 16.36 dBm

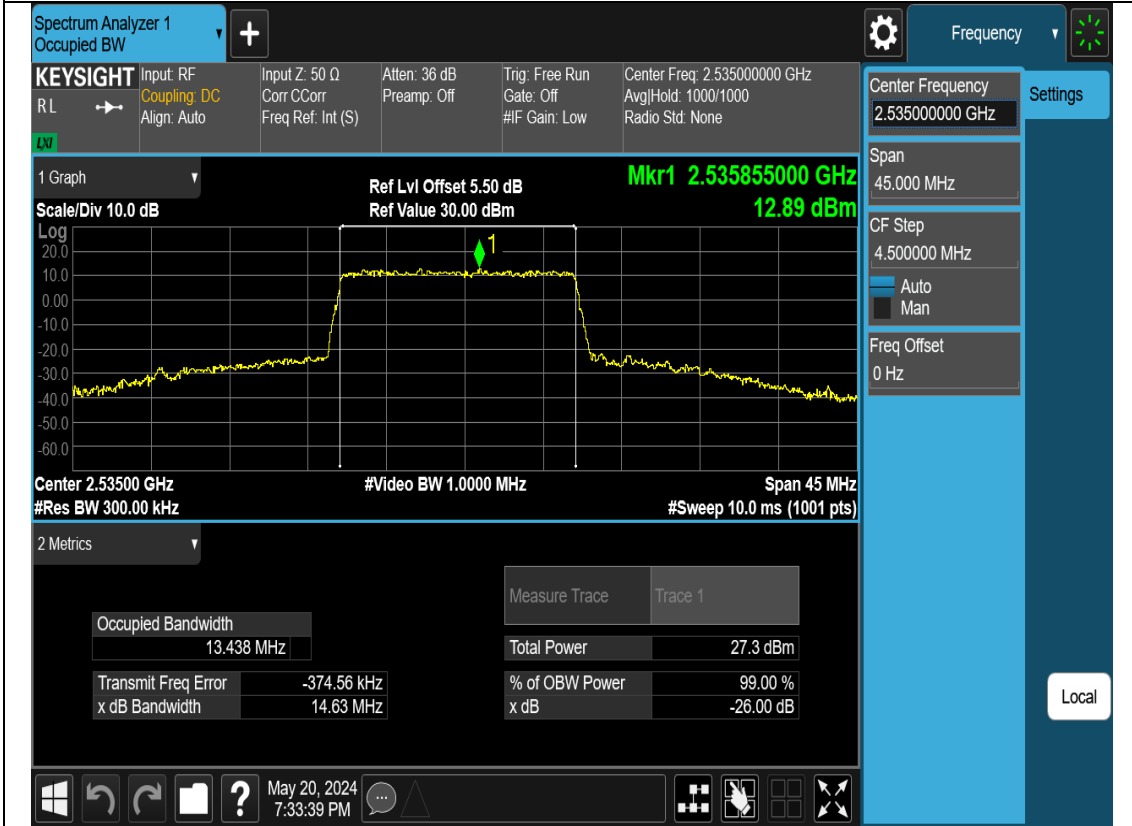
Center 2.53500 GHz #Video BW 1.0000 MHz Span 45 MHz  
 #Res BW 300.00 kHz #Sweep 10.0 ms (1001 pts)

2 Metrics

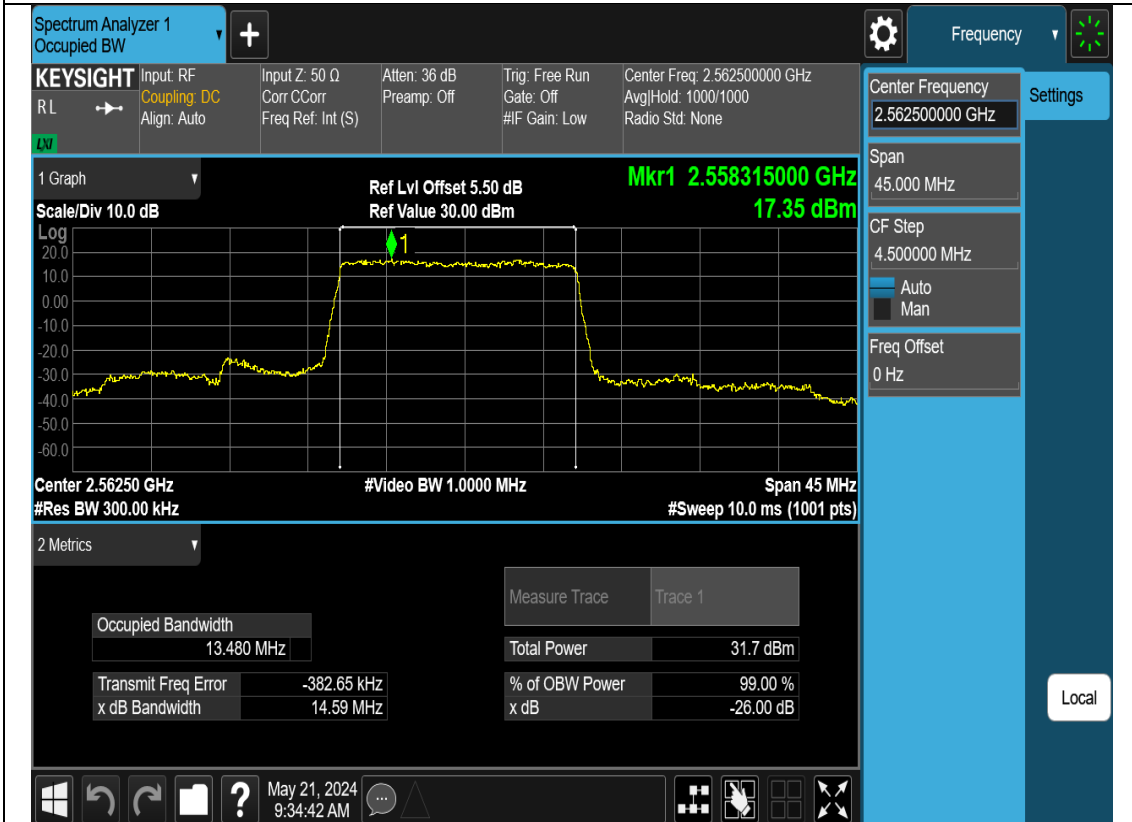
Measure Trace		Trace 1	
Occupied Bandwidth	13.448 MHz	Total Power	30.5 dBm
Transmit Freq Error	-354.91 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.52 MHz	x dB	-26.00 dB

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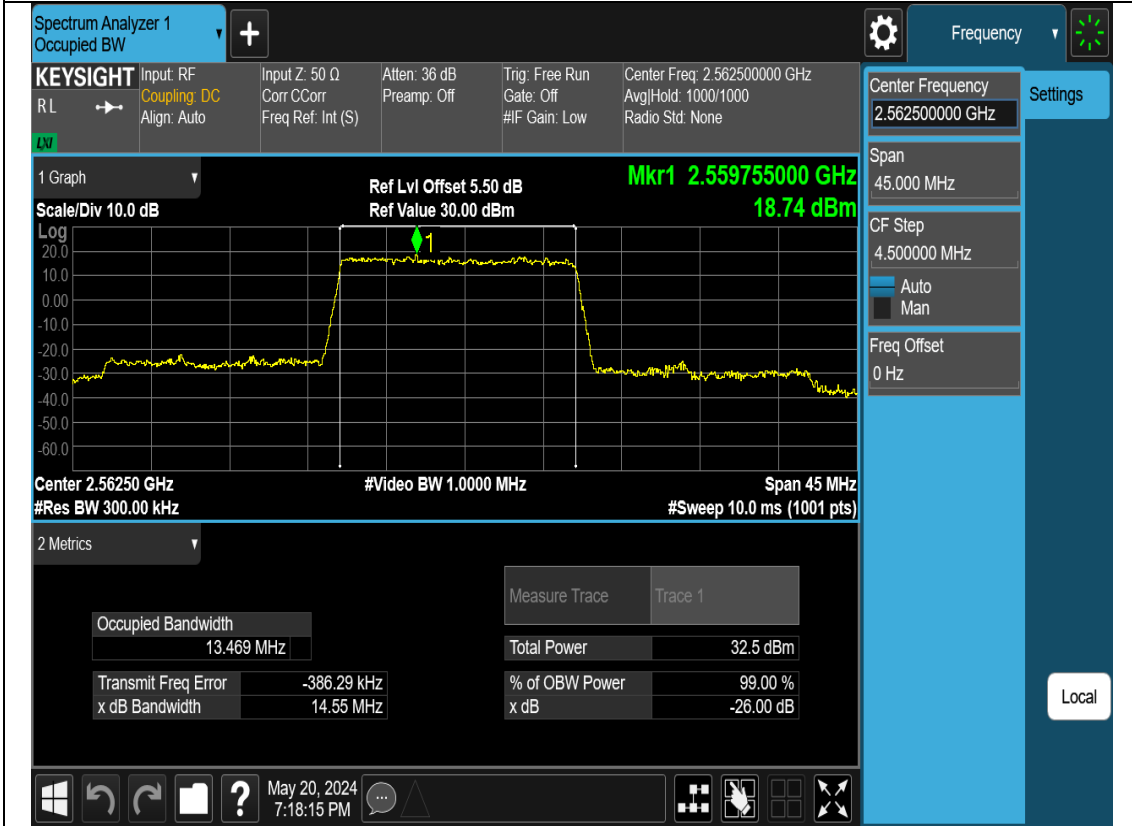
N7-15M-OBW-M-CP-OFDM-256QAM



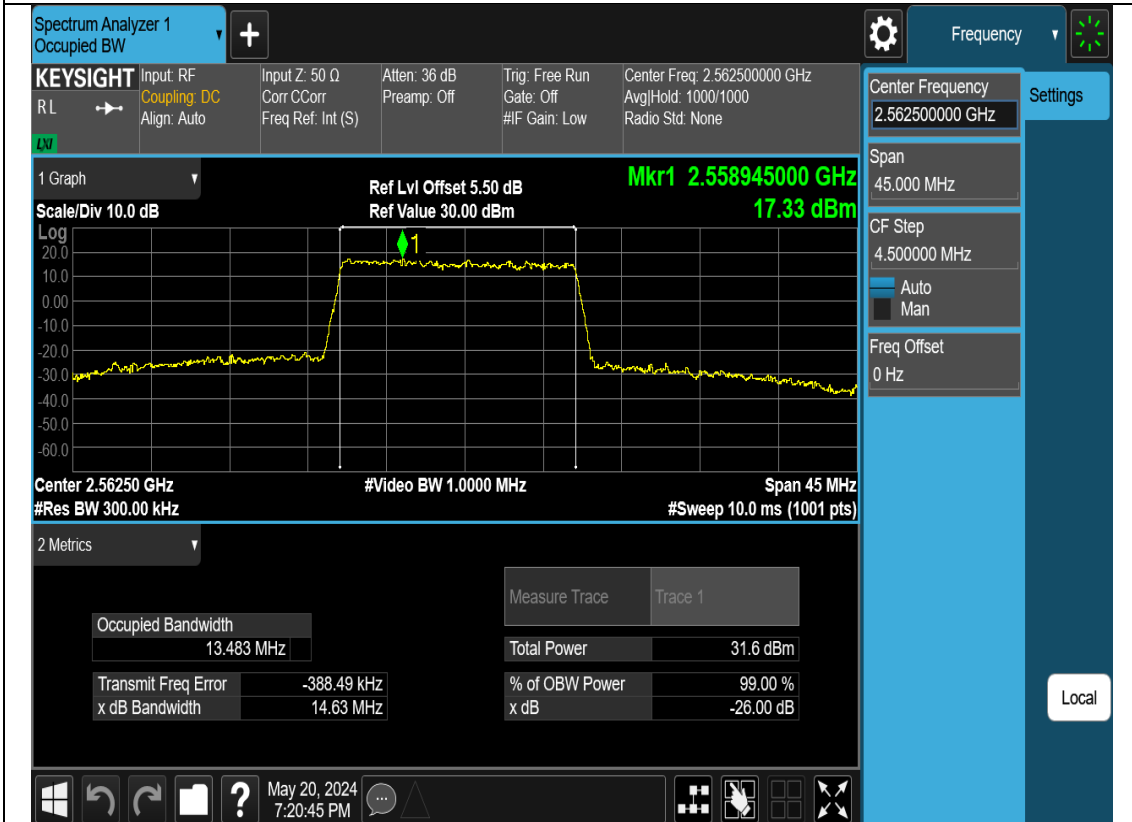
N7-15M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N7-15M-OBW-H-DFT-s-OFDM-QPSK



N7-15M-OBW-H-DFT-s-OFDM-16QAM



N7-15M-OBW-H-DFT-s-OFDM-64QAM

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.56250000 GHz  
 RL Coupling: DC Corr: CCorr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

Center Frequency 2.56250000 GHz  
 Span 45.000 MHz  
 CF Step 4.500000 MHz  
 Freq Offset 0 Hz

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB  
 Ref Value 30.00 dBm  
 Mkr1 2.559260000 GHz  
 18.27 dBm

Center 2.56250 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 45 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Occupied Bandwidth	13.468 MHz	Total Power	31.0 dBm
Transmit Freq Error	-388.99 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.45 MHz	x dB	-26.00 dB

May 20, 2024 7:23:20 PM

N7-15M-OBW-H-DFT-s-OFDM-256QAM

Spectrum Analyzer 1 Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.56250000 GHz  
 RL Coupling: DC Corr: CCorr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

Center Frequency 2.56250000 GHz  
 Span 45.000 MHz  
 CF Step 4.500000 MHz  
 Freq Offset 0 Hz

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB  
 Ref Value 30.00 dBm  
 Mkr1 2.557595000 GHz  
 14.90 dBm

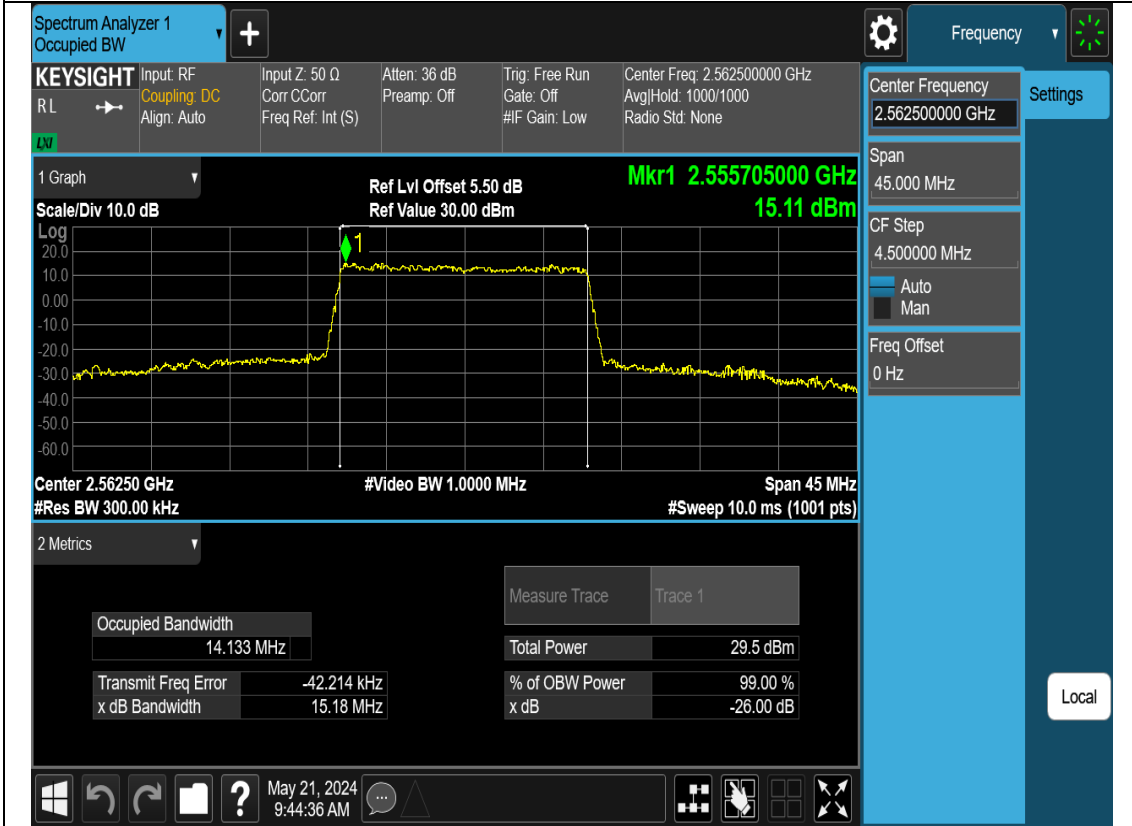
Center 2.56250 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 45 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

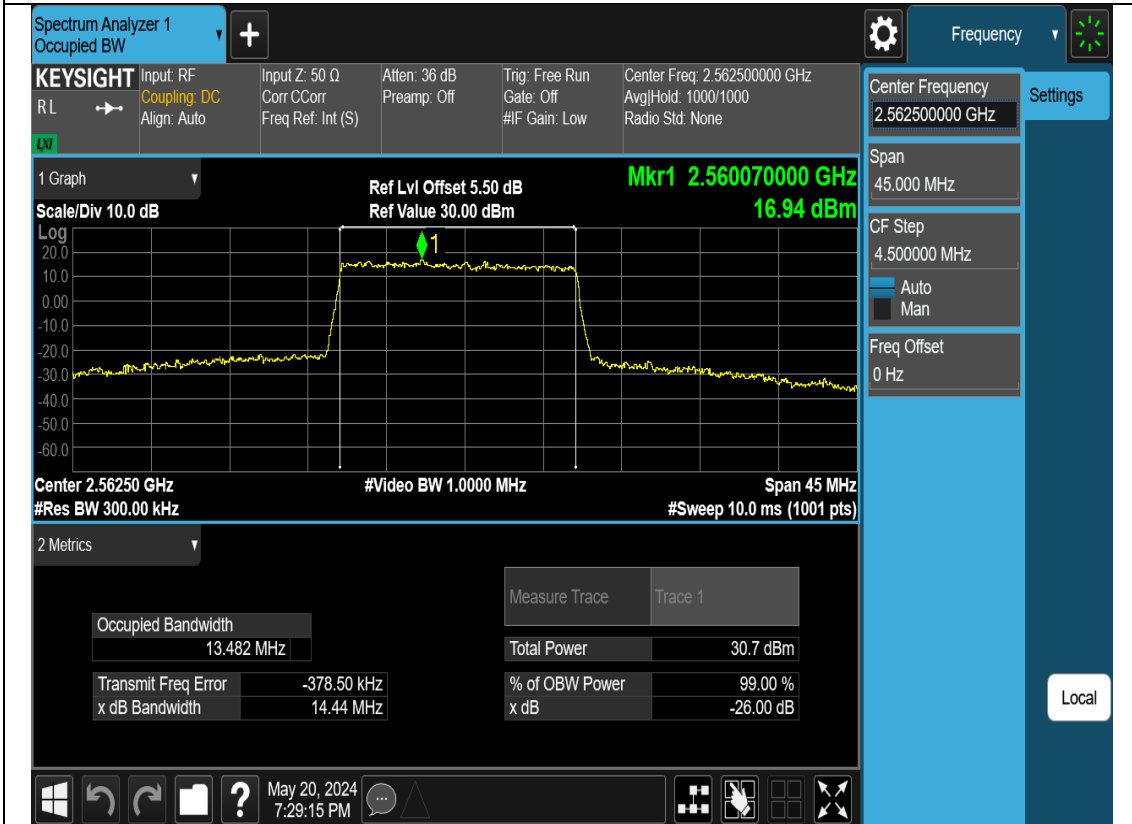
Occupied Bandwidth	13.484 MHz	Total Power	28.9 dBm
Transmit Freq Error	-403.06 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.44 MHz	x dB	-26.00 dB

May 20, 2024 7:26:41 PM

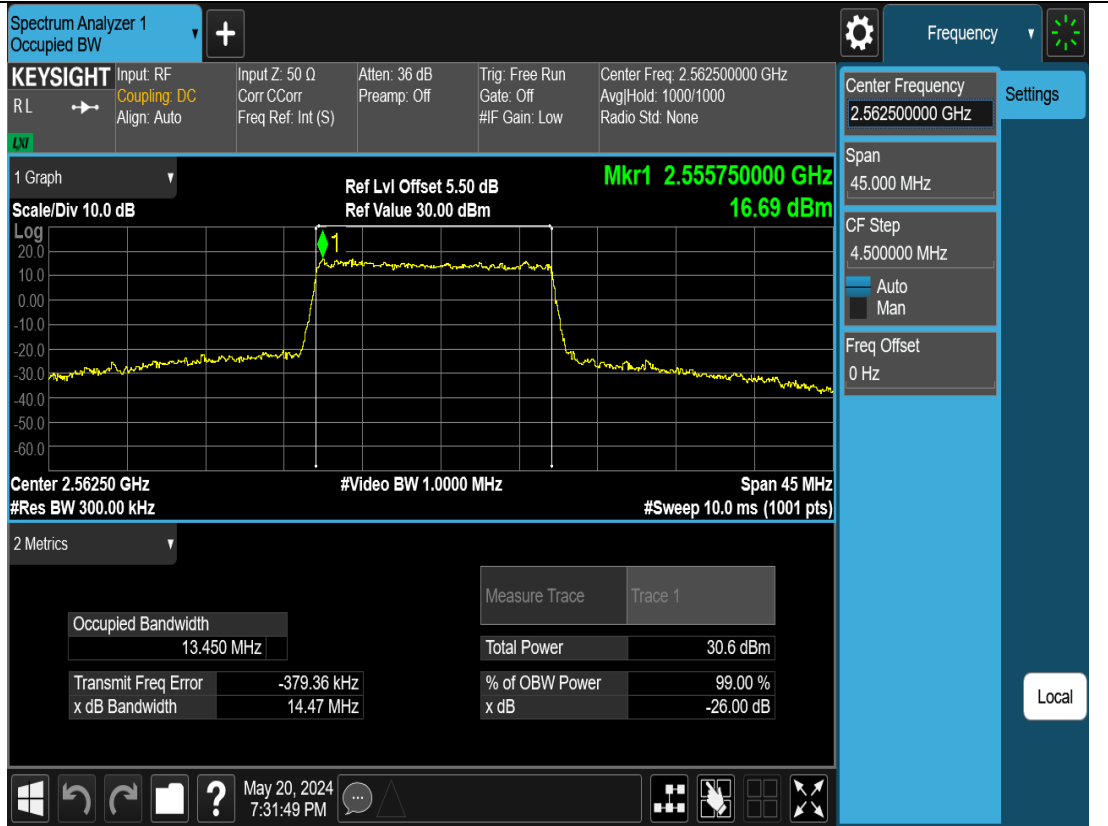
N7-15M-OBW-H-CP-OFDM-QPSK



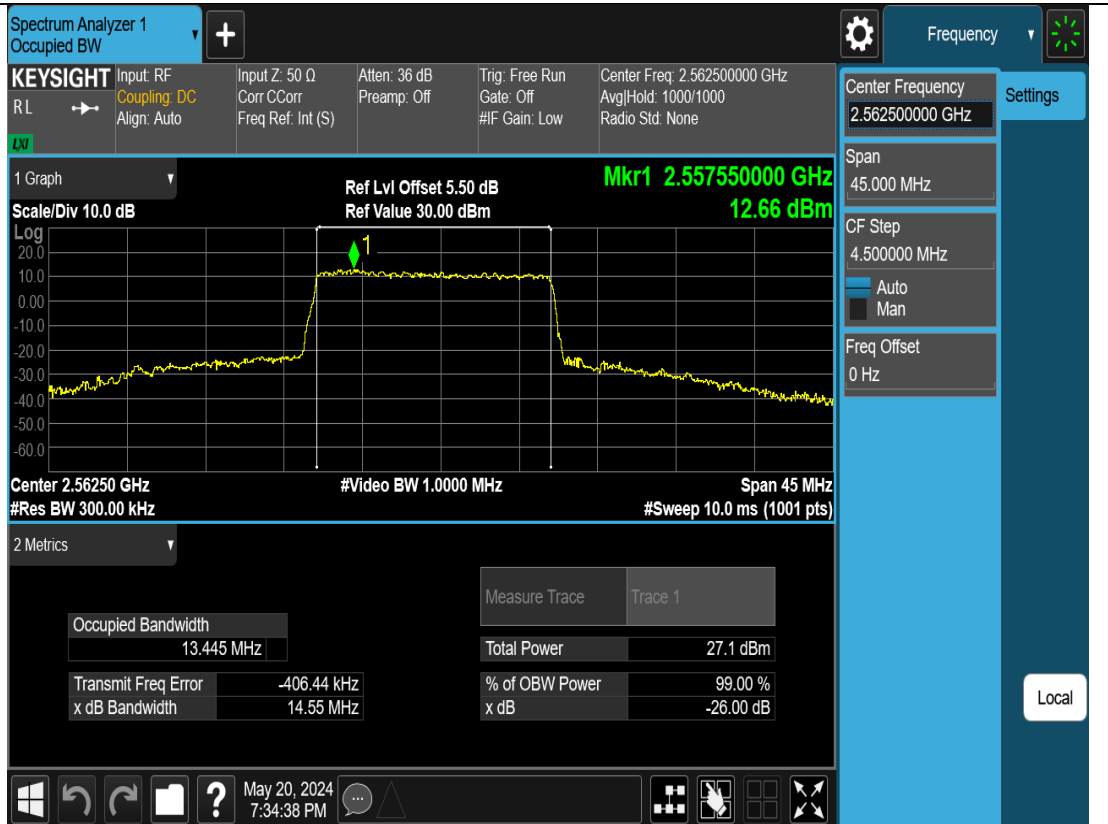
N7-15M-OBW-H-CP-OFDM-16QAM



N7-15M-OBW-H-CP-OFDM-64QAM

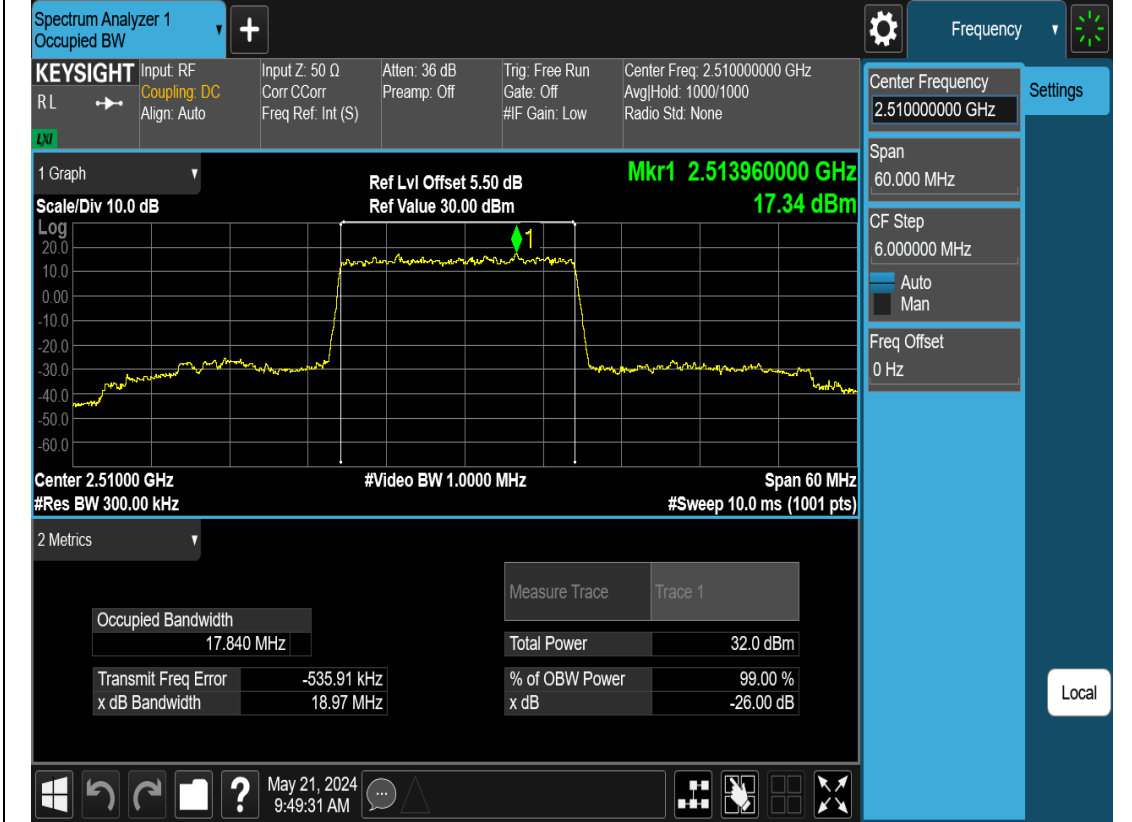


N7-15M-OBW-H-CP-OFDM-256QAM

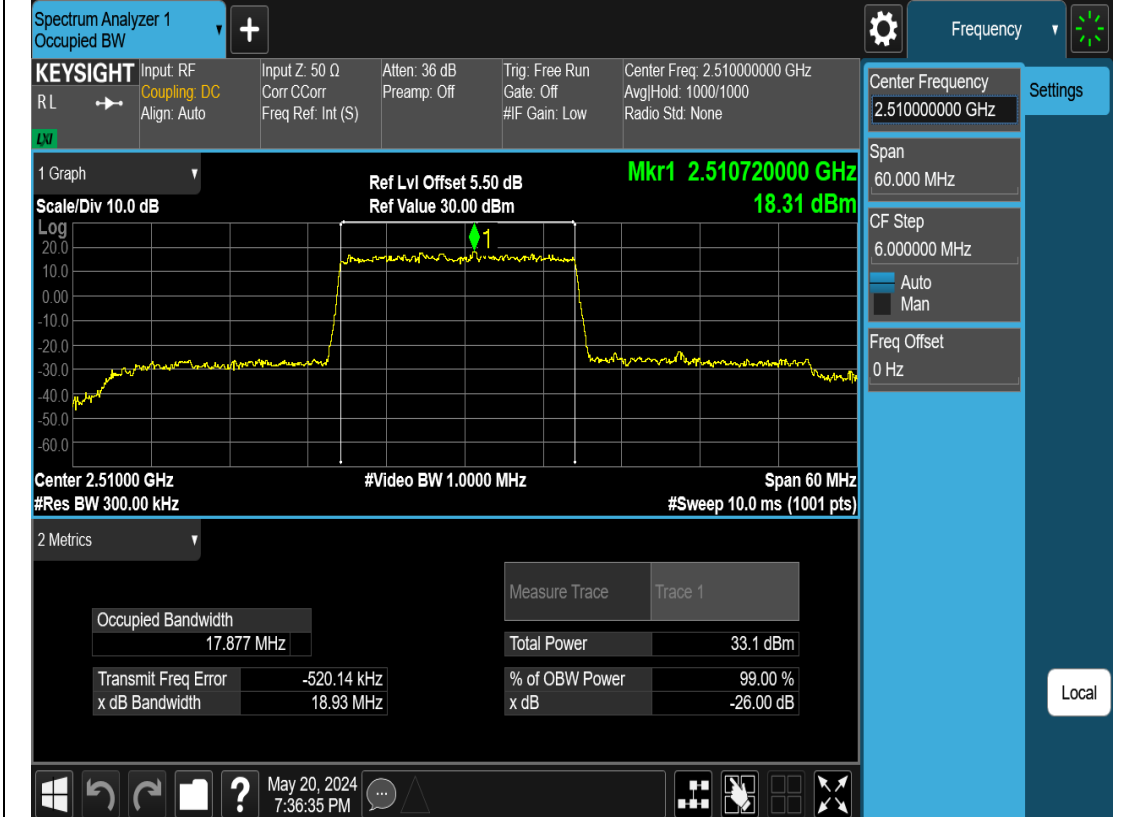




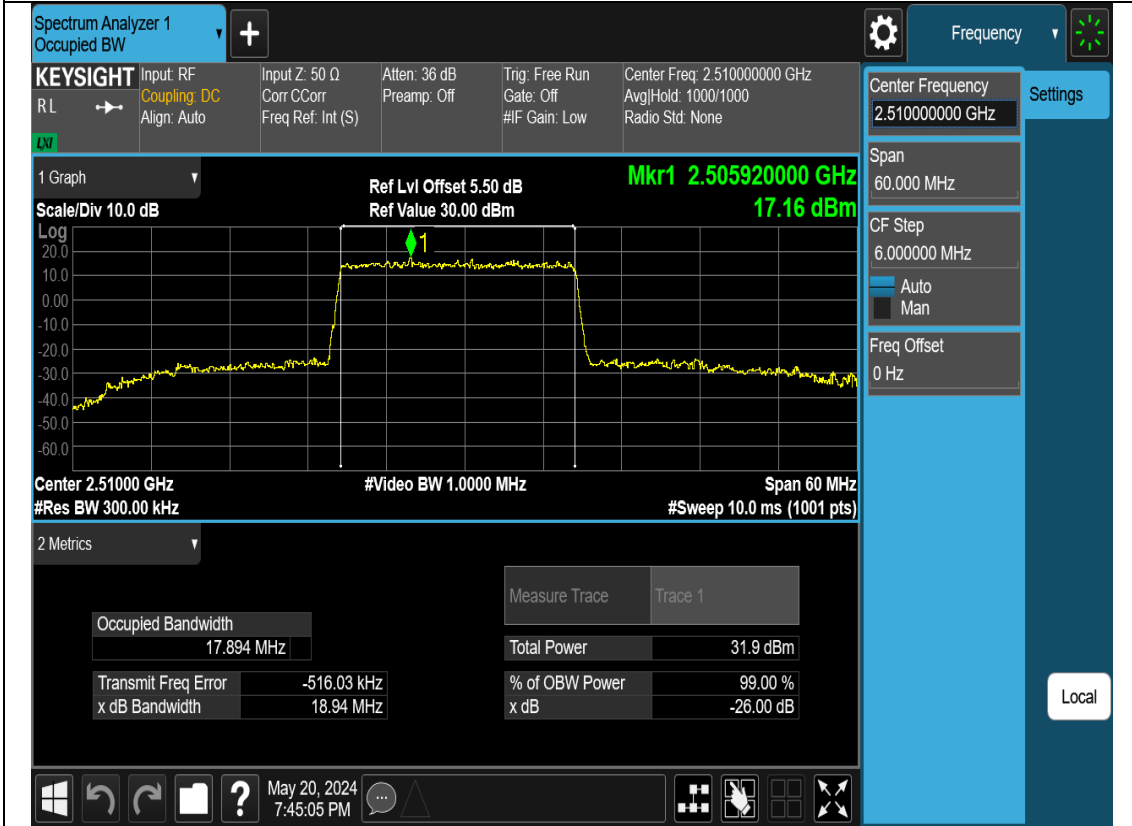
N7-20M-OBW-L-DFT-s-OFDM-Pi2 BPSK



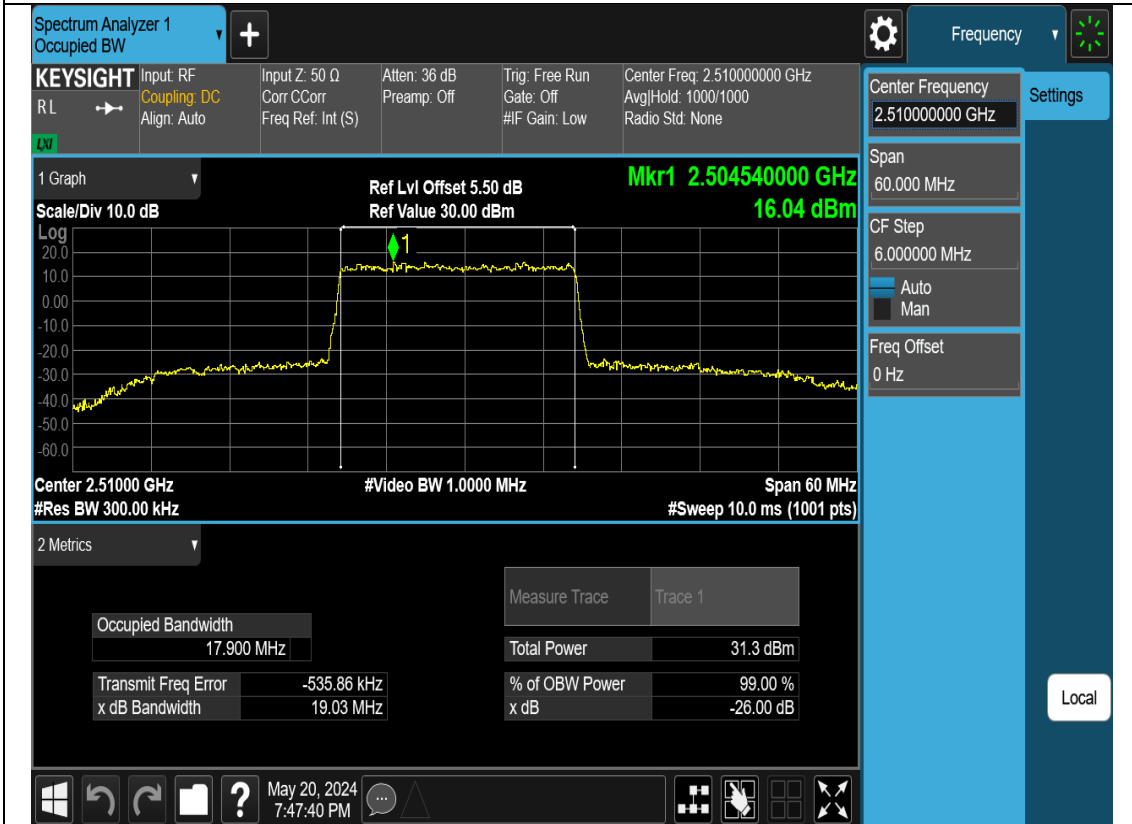
N7-20M-OBW-L-DFT-s-OFDM-QPSK



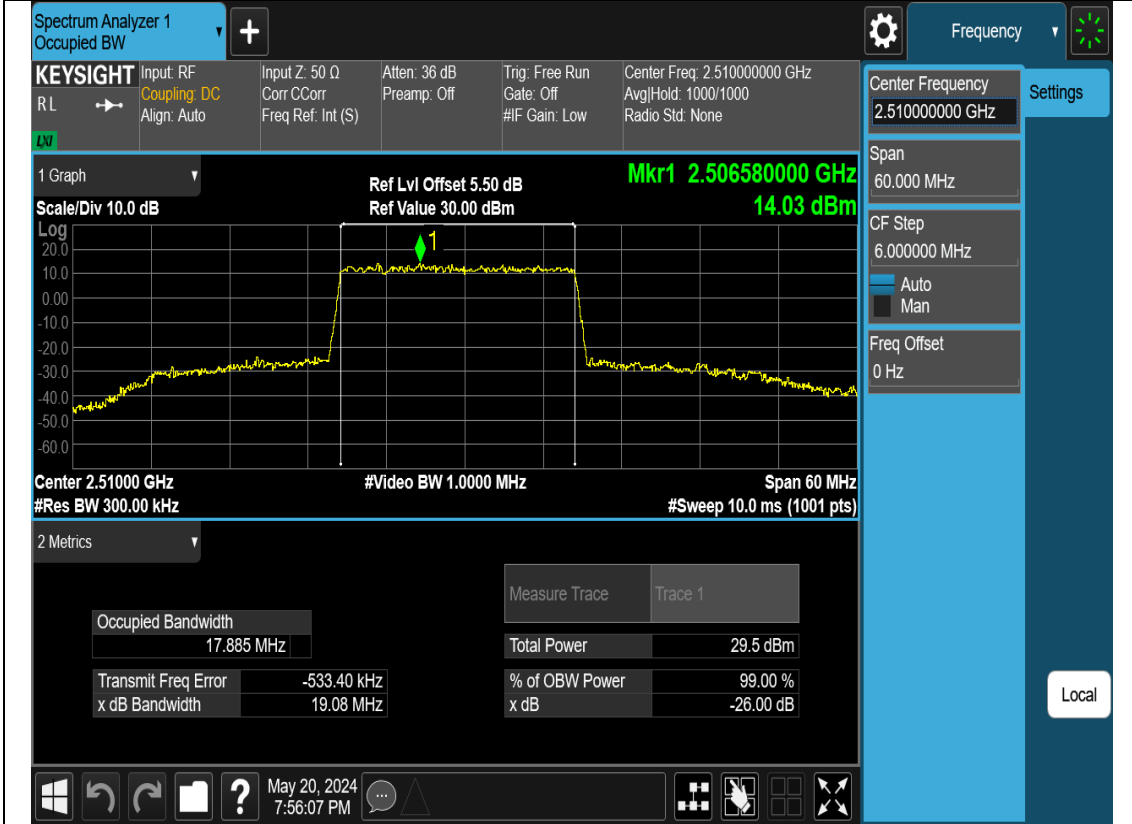
N7-20M-OBW-L-DFT-s-OFDM-16QAM



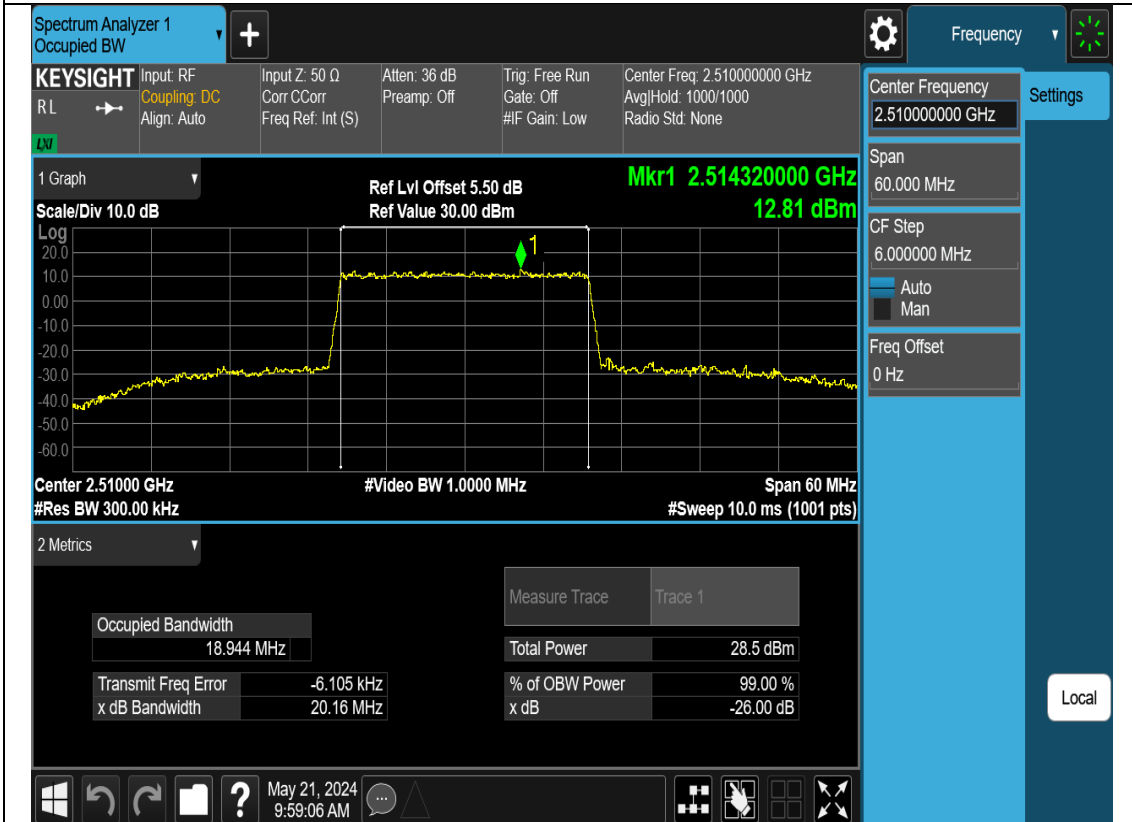
N7-20M-OBW-L-DFT-s-OFDM-64QAM



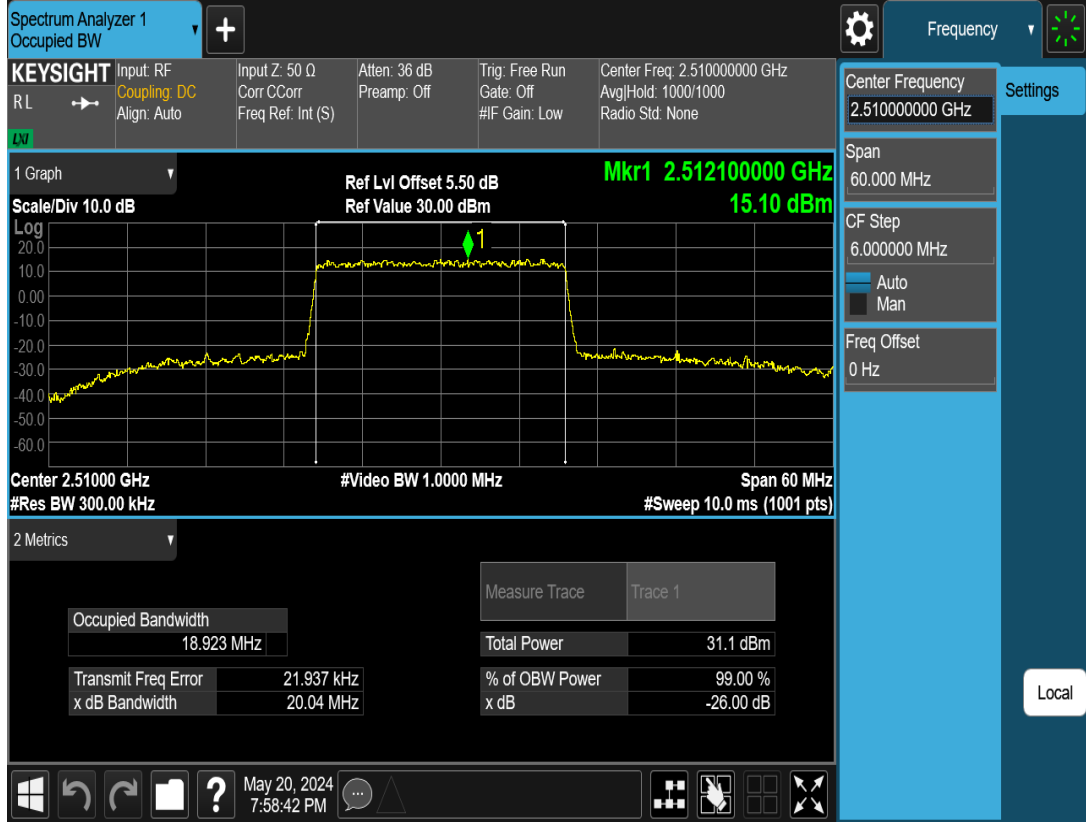
N7-20M-OBW-L-DFT-s-OFDM-256QAM



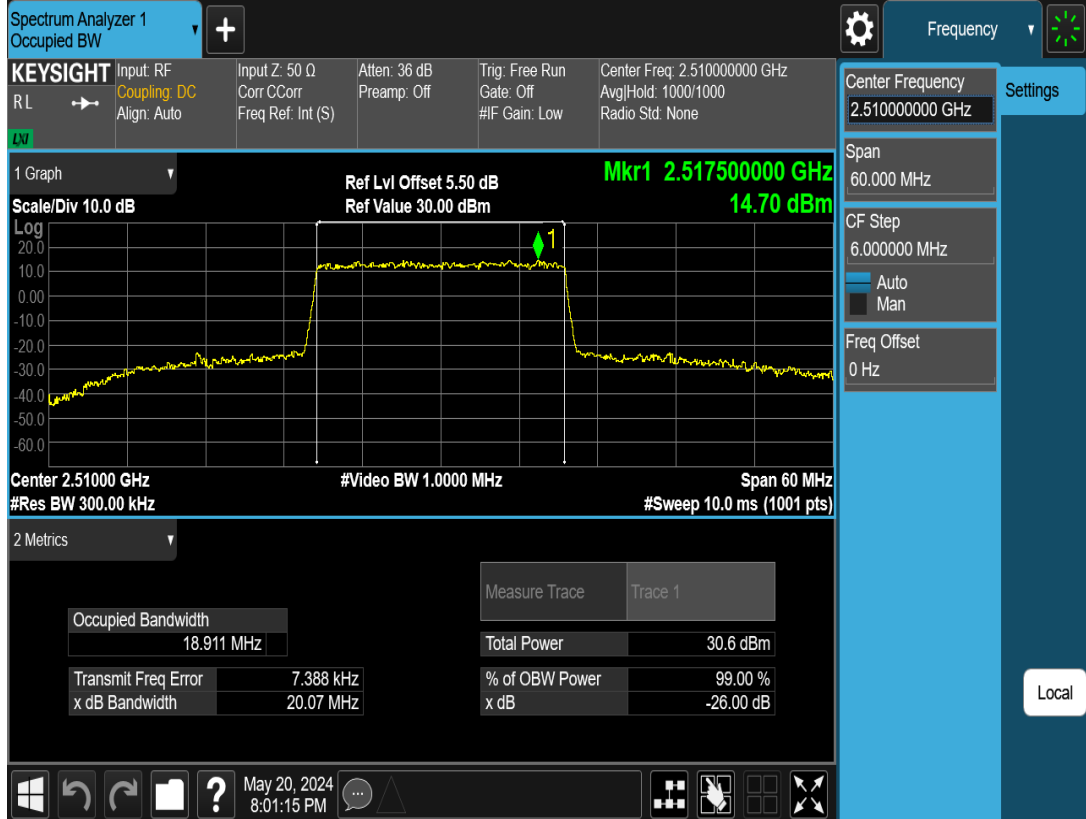
N7-20M-OBW-L-CP-OFDM-QPSK



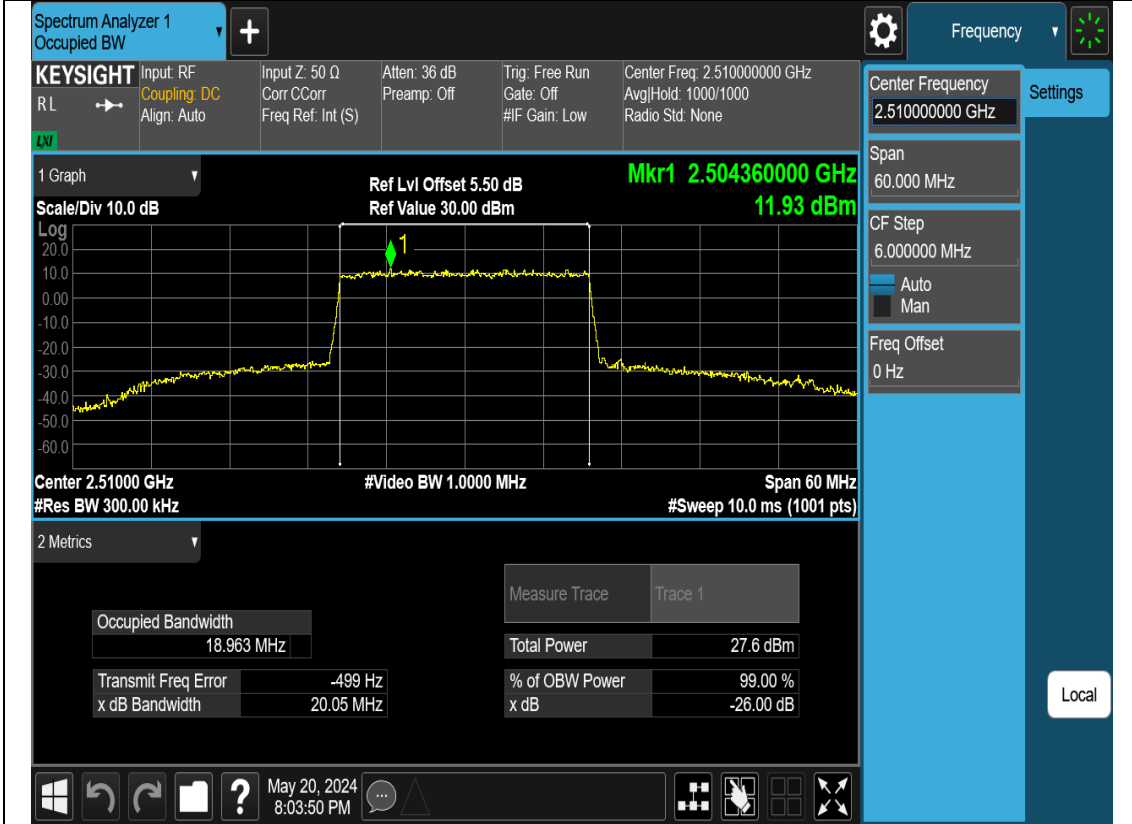
N7-20M-OBW-L-CP-OFDM-16QAM



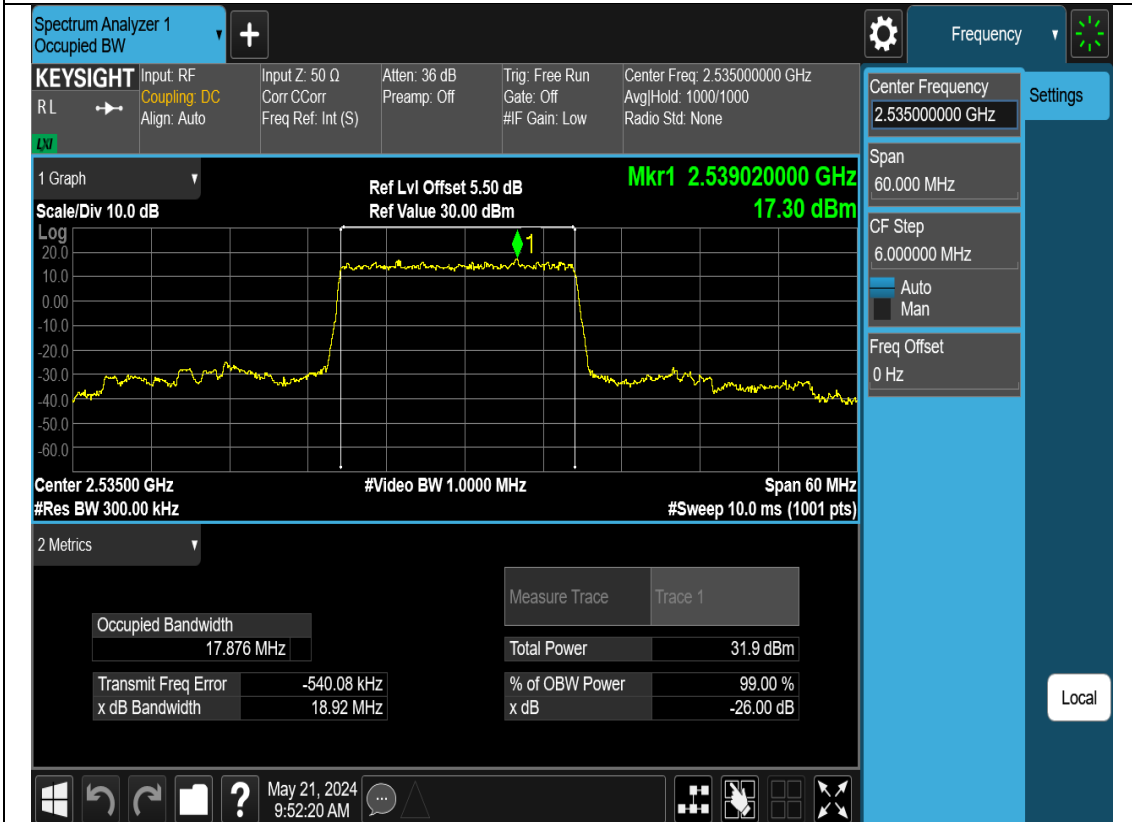
N7-20M-OBW-L-CP-OFDM-64QAM



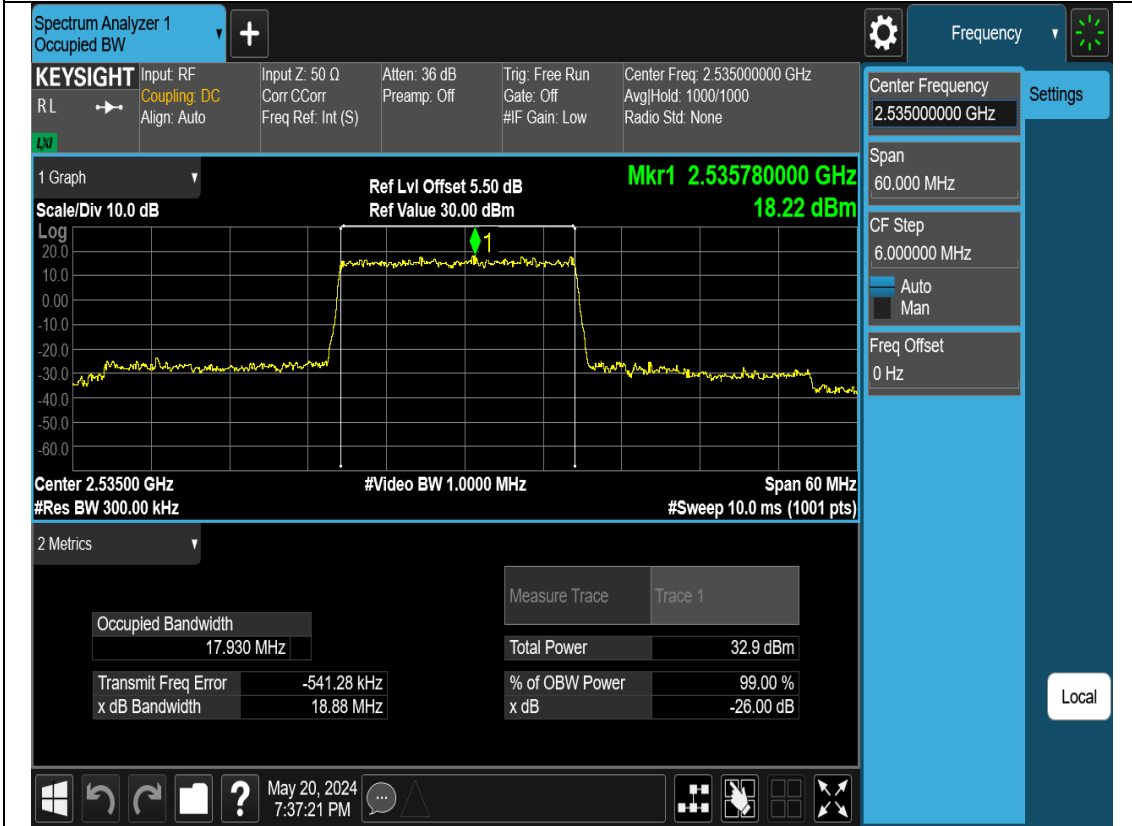
N7-20M-OBW-L-CP-OFDM-256QAM



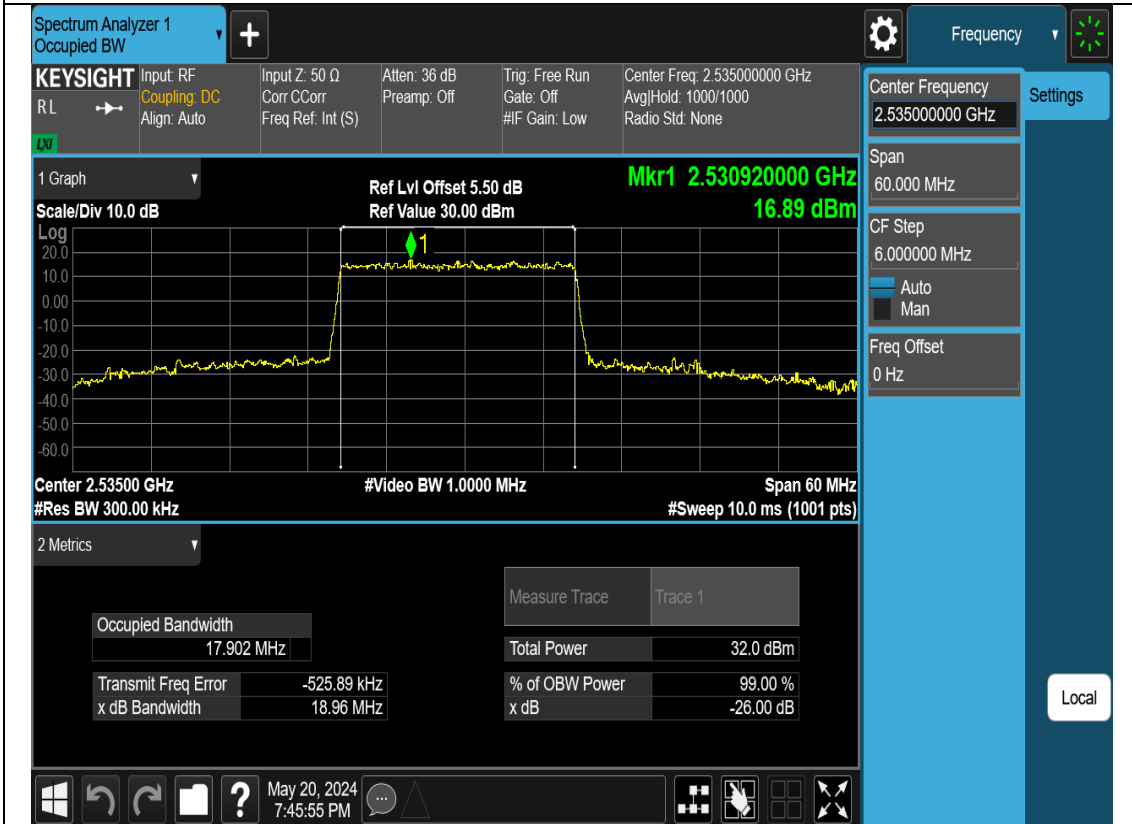
N7-20M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N7-20M-OBW-M-DFT-s-OFDM-QPSK



N7-20M-OBW-M-DFT-s-OFDM-16QAM



N7-20M-OBW-M-DFT-s-OFDM-64QAM

Spectrum Analyzer 1  
Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.53500000 GHz  
 RL Coupling: DC Corr: CCorr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

Frequency Settings  
 Center Frequency 2.53500000 GHz  
 Span 60.000 MHz  
 CF Step 6.000000 MHz  
 Auto Man  
 Freq Offset 0 Hz

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB Mkr1 2.539560000 GHz  
 Ref Value 30.00 dBm 16.06 dBm

Center 2.53500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 60 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Occupied Bandwidth	17.897 MHz	Total Power	31.5 dBm
Transmit Freq Error	-526.19 kHz	% of OBW Power	99.00 %
x dB Bandwidth	19.00 MHz	x dB	-26.00 dB

May 20, 2024 7:54:23 PM

N7-20M-OBW-M-DFT-s-OFDM-256QAM

Spectrum Analyzer 1  
Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.53500000 GHz  
 RL Coupling: DC Corr: CCorr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

Frequency Settings  
 Center Frequency 2.53500000 GHz  
 Span 60.000 MHz  
 CF Step 6.000000 MHz  
 Auto Man  
 Freq Offset 0 Hz

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB Mkr1 2.533920000 GHz  
 Ref Value 30.00 dBm 14.13 dBm

Center 2.53500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 60 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Occupied Bandwidth	17.918 MHz	Total Power	29.5 dBm
Transmit Freq Error	-546.19 kHz	% of OBW Power	99.00 %
x dB Bandwidth	19.03 MHz	x dB	-26.00 dB

May 20, 2024 7:56:58 PM

N7-20M-OBW-M-CP-OFDM-QPSK

Spectrum Analyzer 1  
Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.53500000 GHz  
 RL Coupling: DC Corr: C Corr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB Mkr1 2.539320000 GHz  
 Ref Value 30.00 dBm 13.08 dBm

Center 2.53500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 60 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	18.951 MHz	Total Power	28.7 dBm
Transmit Freq Error	-17.953 kHz	% of OBW Power	99.00 %
x dB Bandwidth	20.06 MHz	x dB	-26.00 dB

Windows taskbar: May 21, 2024 10:02:02 AM

N7-20M-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: 2.53500000 GHz  
 RL Coupling: DC Corr: C Corr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

1 Graph  
 Scale/Div 10.0 dB  
 Log  
 Ref Lvl Offset 5.50 dB Mkr1 2.541240000 GHz  
 Ref Value 30.00 dBm 15.19 dBm

Center 2.53500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 60 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	17.898 MHz	Total Power	31.0 dBm
Transmit Freq Error	-556.41 kHz	% of OBW Power	99.00 %
x dB Bandwidth	19.01 MHz	x dB	-26.00 dB

Windows taskbar: May 20, 2024 7:59:32 PM



N7-20M-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: 2.53500000 GHz  
 RL Coupling: DC Corr CCorr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

Center Frequency 2.53500000 GHz  
 Span 60.000 MHz  
 CF Step 6.000000 MHz  
 Freq Offset 0 Hz

1 Graph  
 Scale/Div 10.0 dB  
 Ref Lvl Offset 5.50 dB  
 Ref Value 30.00 dBm  
 Mkr1 2.533380000 GHz  
 15.08 dBm

Center 2.53500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 60 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Occupied Bandwidth	17.928 MHz	Total Power	30.5 dBm
Transmit Freq Error	-536.19 kHz	% of OBW Power	99.00 %
x dB Bandwidth	18.88 MHz	x dB	-26.00 dB

May 20, 2024 8:02:06 PM

N7-20M-OBW-M-CP-OFDM-256QAM

Spectrum Analyzer 1  
Occupied BW

KEYSIGHT Input RF Input Z: 50 Ω Atten: 36 dB Trig: Free Run Center Freq: 2.53500000 GHz  
 RL Coupling: DC Corr CCorr Preamp: Off Gate: Off Avg/Hold: 1000/1000  
 Align: Auto Freq Ref: Int (S) #F Gain: Low Radio Std: None

Center Frequency 2.53500000 GHz  
 Span 60.000 MHz  
 CF Step 6.000000 MHz  
 Freq Offset 0 Hz

1 Graph  
 Scale/Div 10.0 dB  
 Ref Lvl Offset 5.50 dB  
 Ref Value 30.00 dBm  
 Mkr1 2.542680000 GHz  
 12.61 dBm

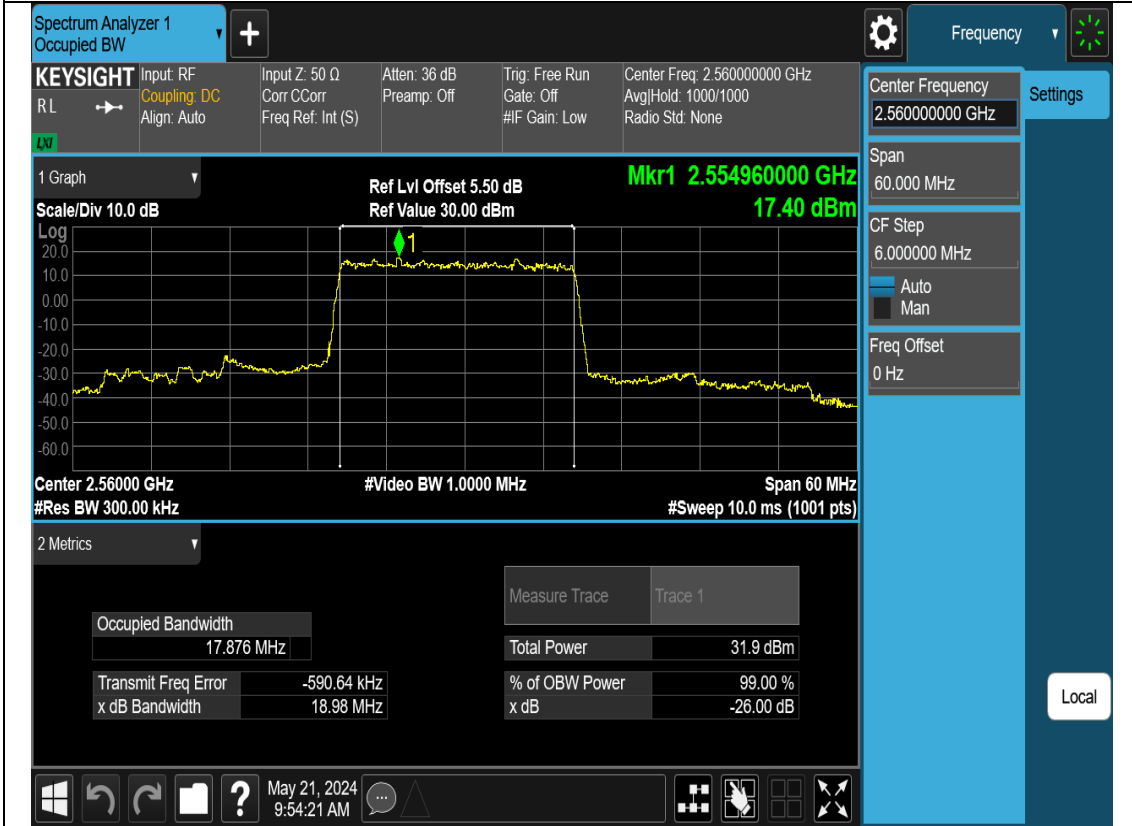
Center 2.53500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 60 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

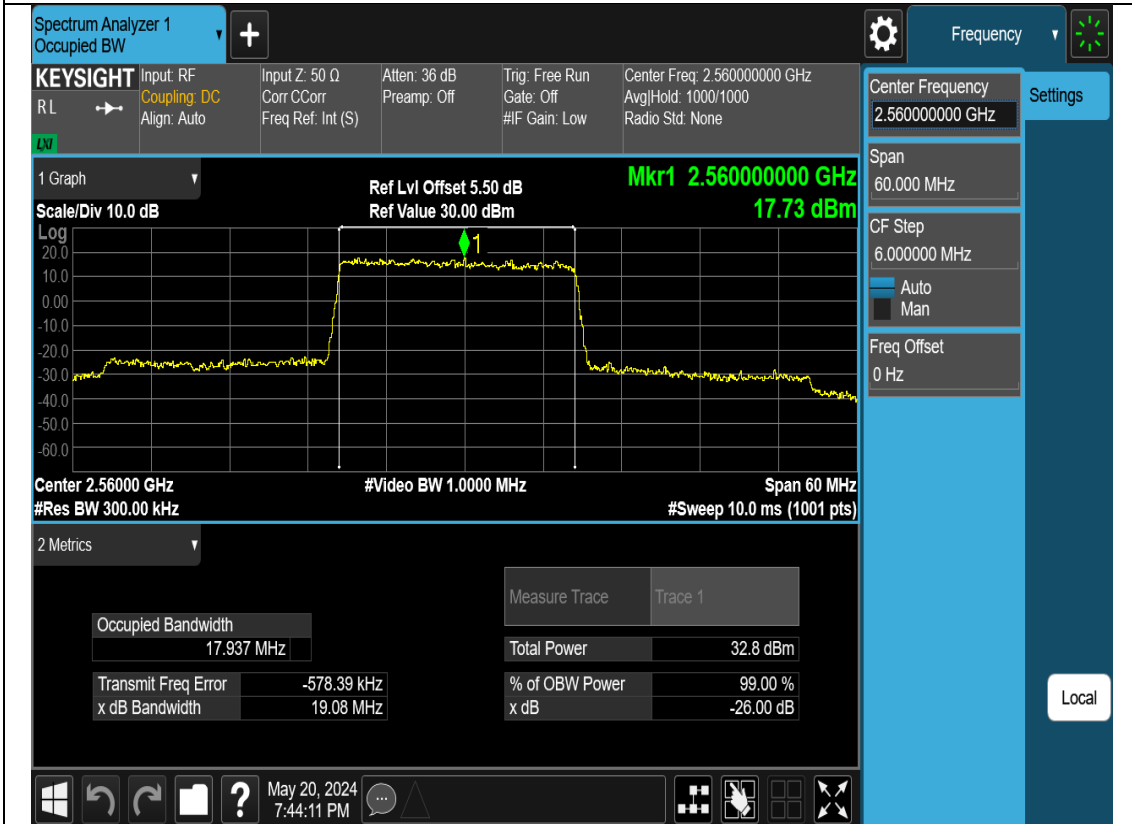
Occupied Bandwidth	17.844 MHz	Total Power	27.5 dBm
Transmit Freq Error	-550.63 kHz	% of OBW Power	99.00 %
x dB Bandwidth	18.98 MHz	x dB	-26.00 dB

May 20, 2024 8:04:48 PM

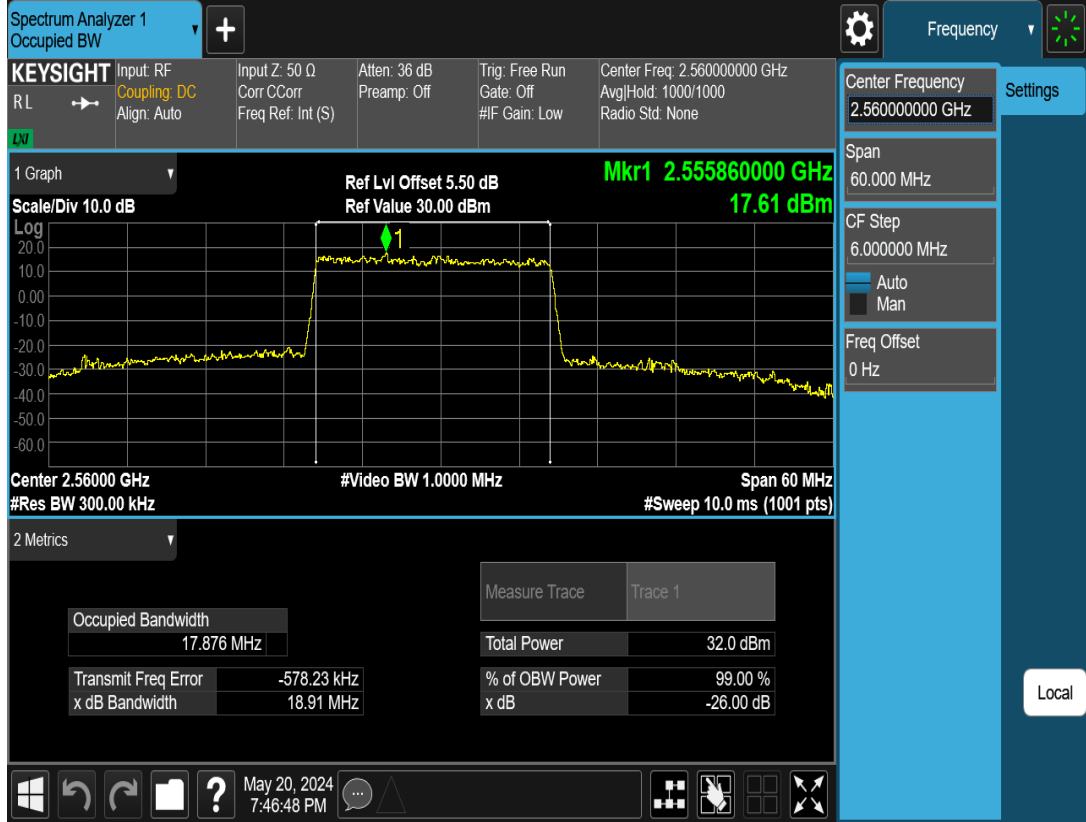
N7-20M-OBW-H-DFT-s-OFDM-Pi2 BPSK



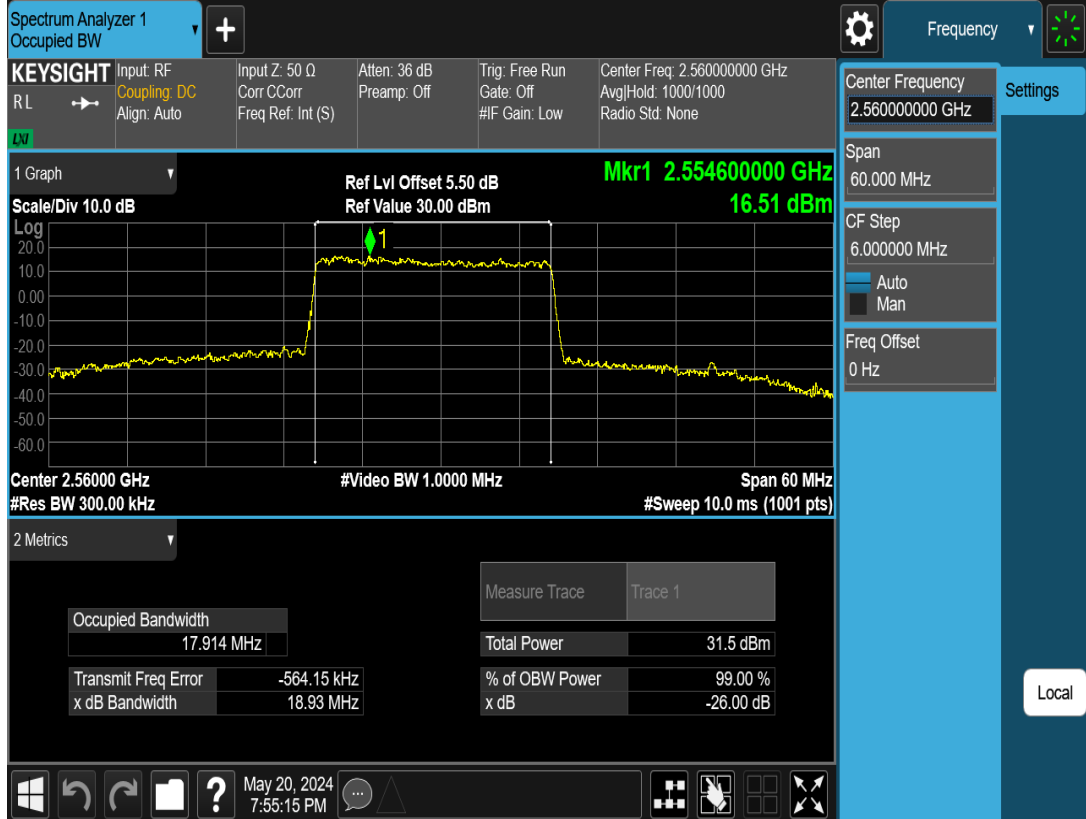
N7-20M-OBW-H-DFT-s-OFDM-QPSK



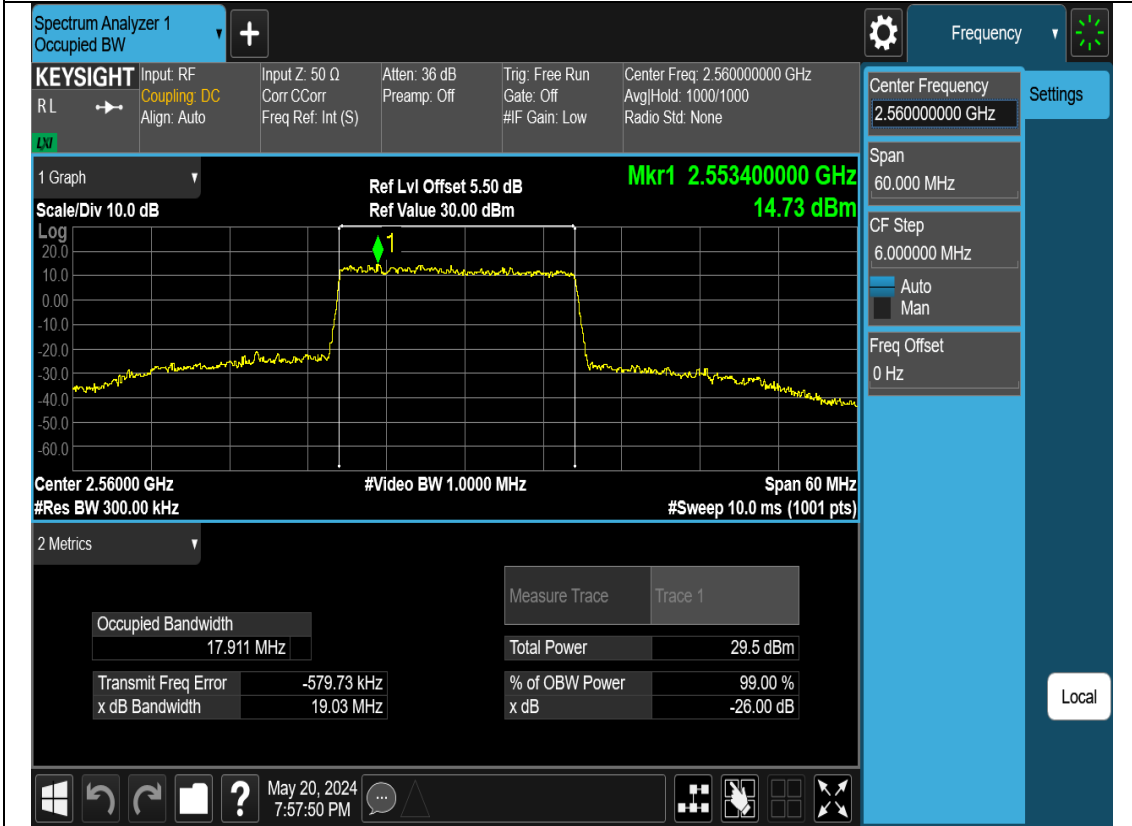
N7-20M-OBW-H-DFT-s-OFDM-16QAM



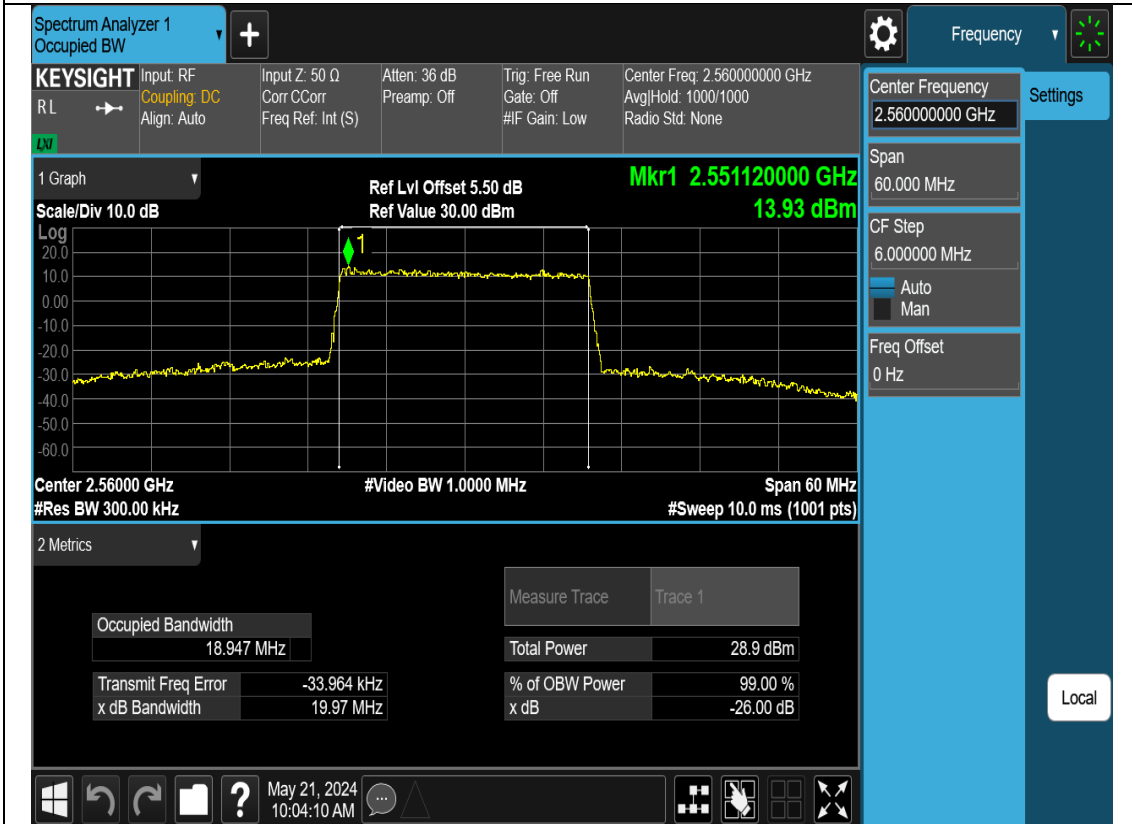
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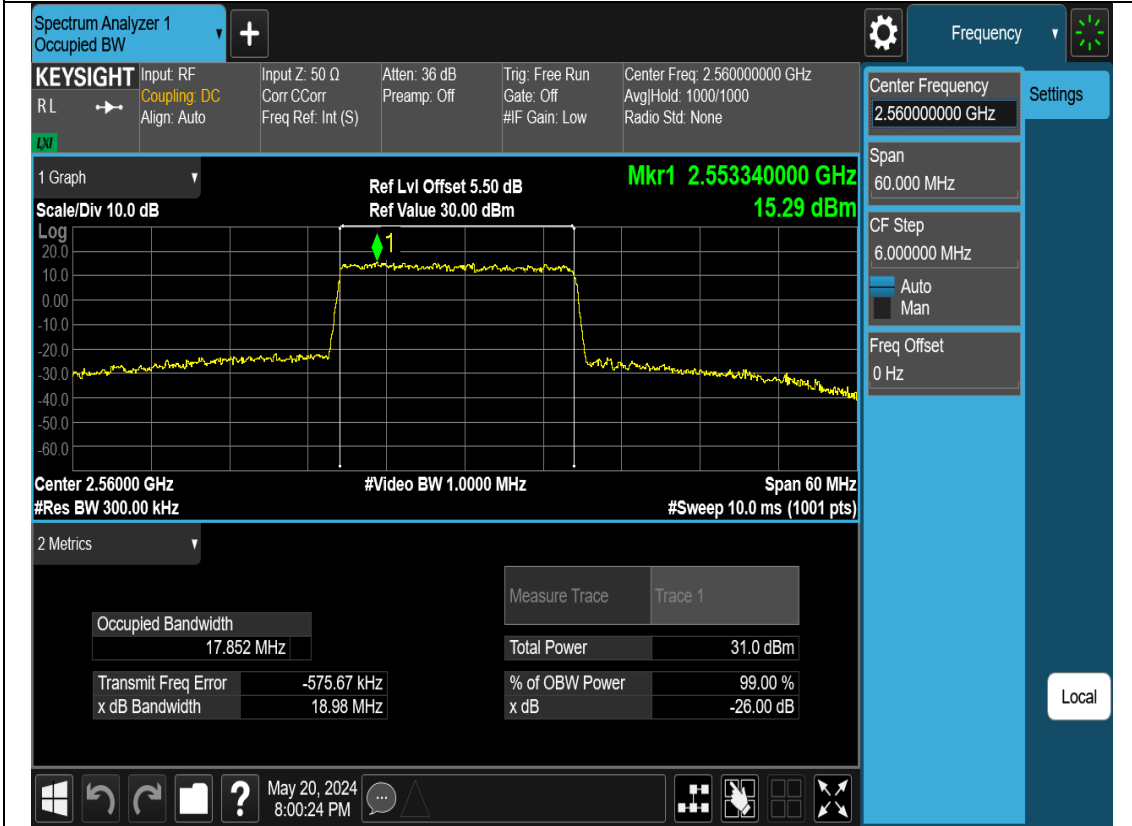
N7-20M-OBW-H-DFT-s-OFDM-256QAM



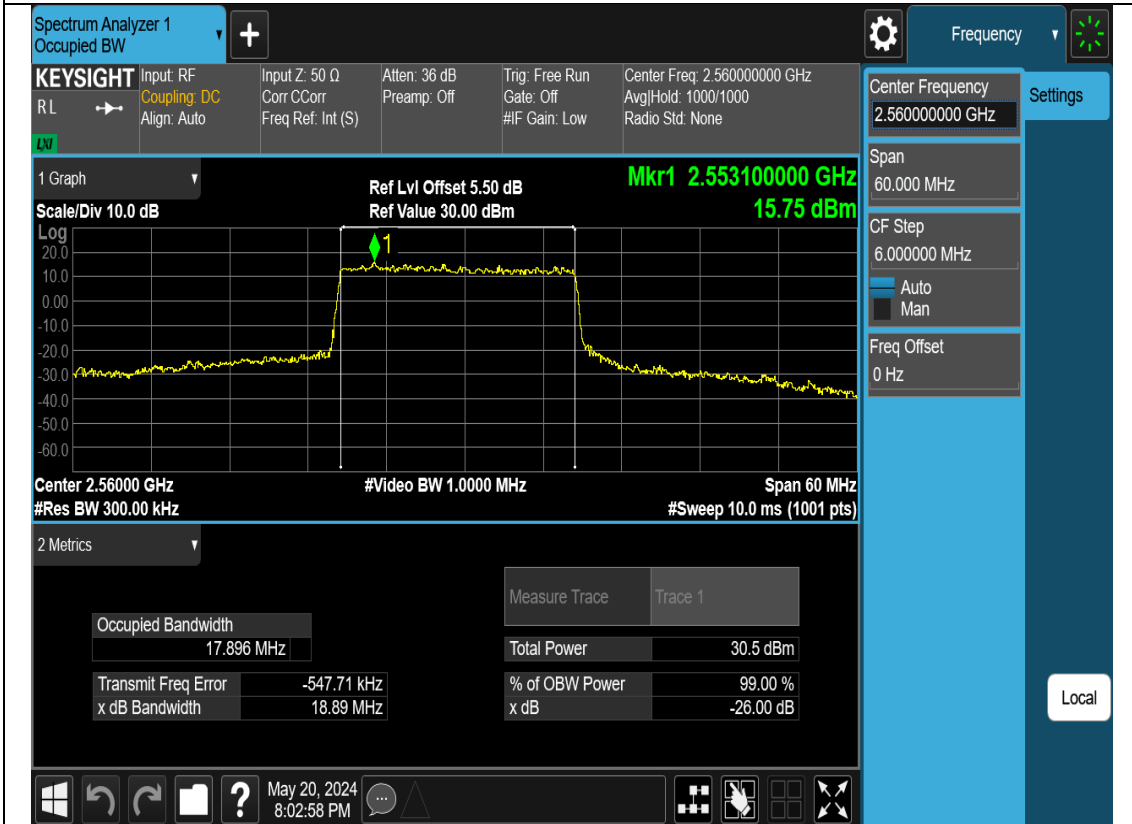
N7-20M-OBW-H-CP-OFDM-QPSK



N7-20M-OBW-H-CP-OFDM-16QAM



N7-20M-OBW-H-CP-OFDM-64QAM



N7-20M-OBW-H-CP-OFDM-256QAM

**Spectrum Analyzer 1**  
Occupied BW

**KEYSIGHT** Input: RF  
RL  Coupling: DC  
Align: Auto

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: 2.560000000 GHz  
Avg/Hold: 1000/1000  
Radio Std: None

Center Frequency: 2.560000000 GHz  
Span: 60.000 MHz  
CF Step: 6.000000 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 2.550880000 GHz  
11.68 dBm

Center 2.56000 GHz  
#Res BW 300.00 kHz  
#Video BW 1.0000 MHz  
Span 60 MHz  
#Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	17.840 MHz	Total Power	27.5 dBm
Transmit Freq Error	-574.91 kHz	% of OBW Power	99.00 %
x dB Bandwidth	18.88 MHz	x dB	-26.00 dB

Windows taskbar: May 20, 2024 8:05:46 PM

Local

# Peak-Average Ratio

## Test Result

5G NR n7 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.23	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.11	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.11	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.46	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.81	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.16	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.14	<=13	Pass
CP-OFDM 64QAM		Outer_Full	8.01	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.57	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	3.90	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.40	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.32	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.48	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.86	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.52	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.65	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.55	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.63	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.19	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.17	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.21	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.41	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.77	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.03	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.11	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.99	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.60	<=13	Pass

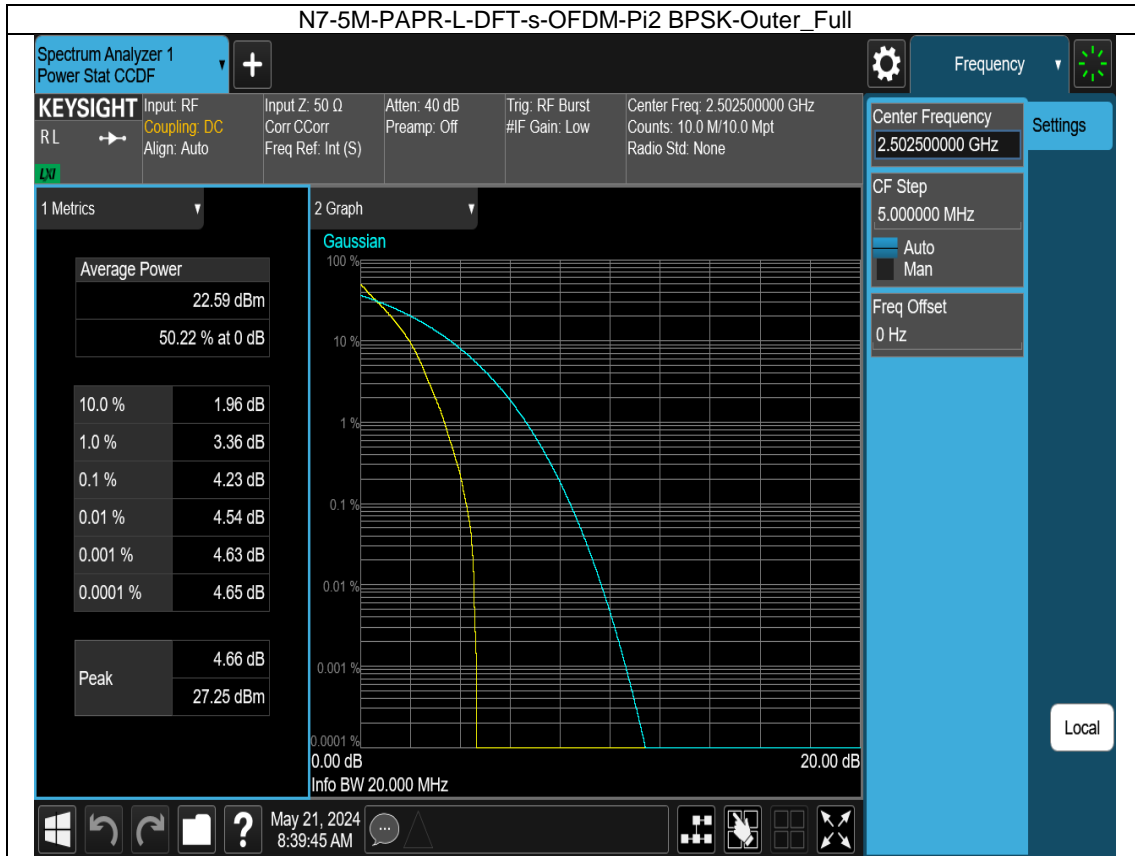
5G NR n7 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	3.92	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.25	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.06	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.24	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.65	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.14	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.29	<=13	Pass
CP-OFDM 64QAM		Outer_Full	6.97	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.69	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.08	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.50	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.40	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.45	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.74	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.57	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.6	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.25	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.78	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.31	<=13	Pass
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	6.48	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.69	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.11	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.59	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.11	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.73	<=13	Pass



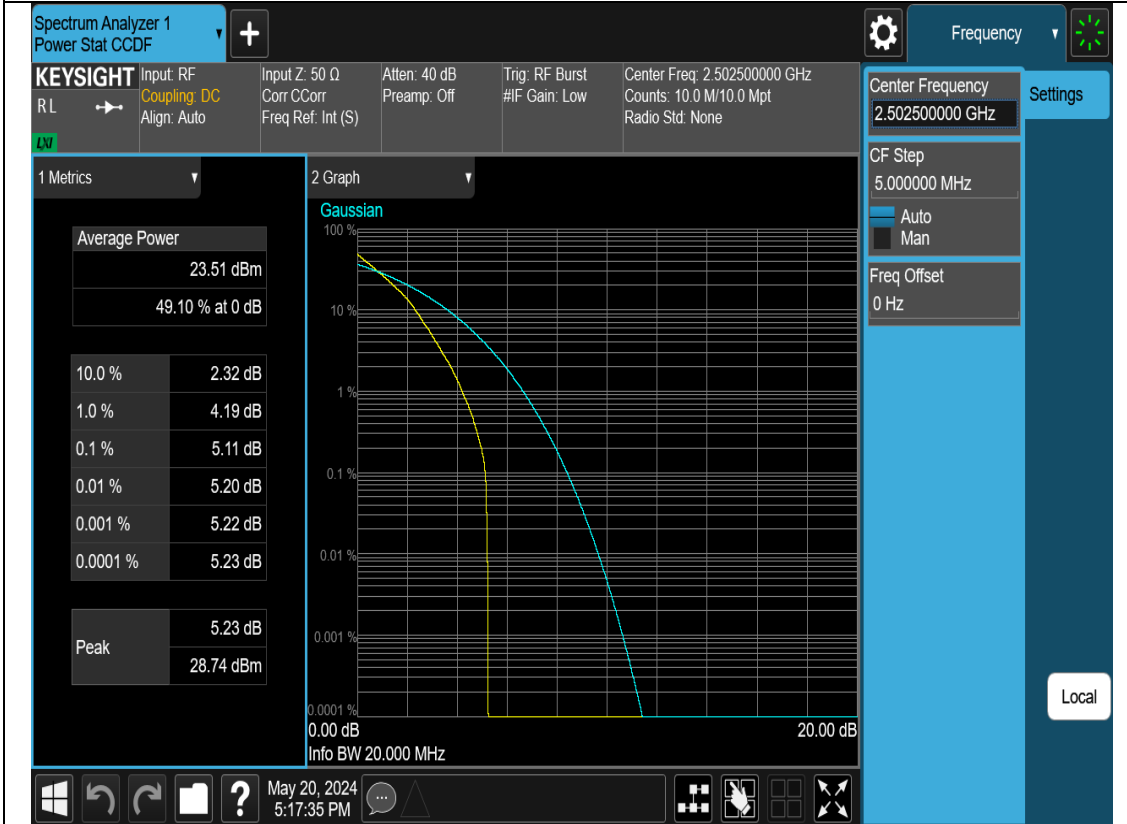
5G NR n7 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	3.79	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.24	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.12	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.30	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.78	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.23	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.30	<=13	Pass
CP-OFDM 64QAM		Outer_Full	6.88	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.56	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	3.97	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.49	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.35	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.50	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.85	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.53	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.63	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.23	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.58	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.17	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.42	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.22	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.50	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.82	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.41	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.52	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.30	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.46	<=13	Pass

5G NR n7 SCS=15kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	3.79	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.19	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	5.99	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.42	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.79	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.13	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.34	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.80	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.65	<=13	Pass
DFT-s-OFDM PI/2 BPSK		Middle CH	Outer_Full	3.99	<=13
DFT-s-OFDM QPSK	Outer_Full		5.41	<=13	Pass
DFT-s-OFDM 16QAM	Outer_Full		6.19	<=13	Pass
DFT-s-OFDM 64QAM	Outer_Full		6.61	<=13	Pass
DFT-s-OFDM 256QAM	Outer_Full		6.86	<=13	Pass
CP-OFDM QPSK	Outer_Full		7.36	<=13	Pass
CP-OFDM 16QAM	Outer_Full		7.62	<=13	Pass
CP-OFDM 64QAM	Outer_Full		7.29	<=13	Pass
CP-OFDM 256QAM	Outer_Full		8.77	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH		Outer_Full	4.30	<=13
DFT-s-OFDM QPSK		Outer_Full	5.56	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.11	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.58	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.83	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.40	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.63	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.61	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.70	<=13	Pass

# Test Graph



N7-5M-PAPR-L-DFT-s-OFDM-QPSK-Outer\_Full



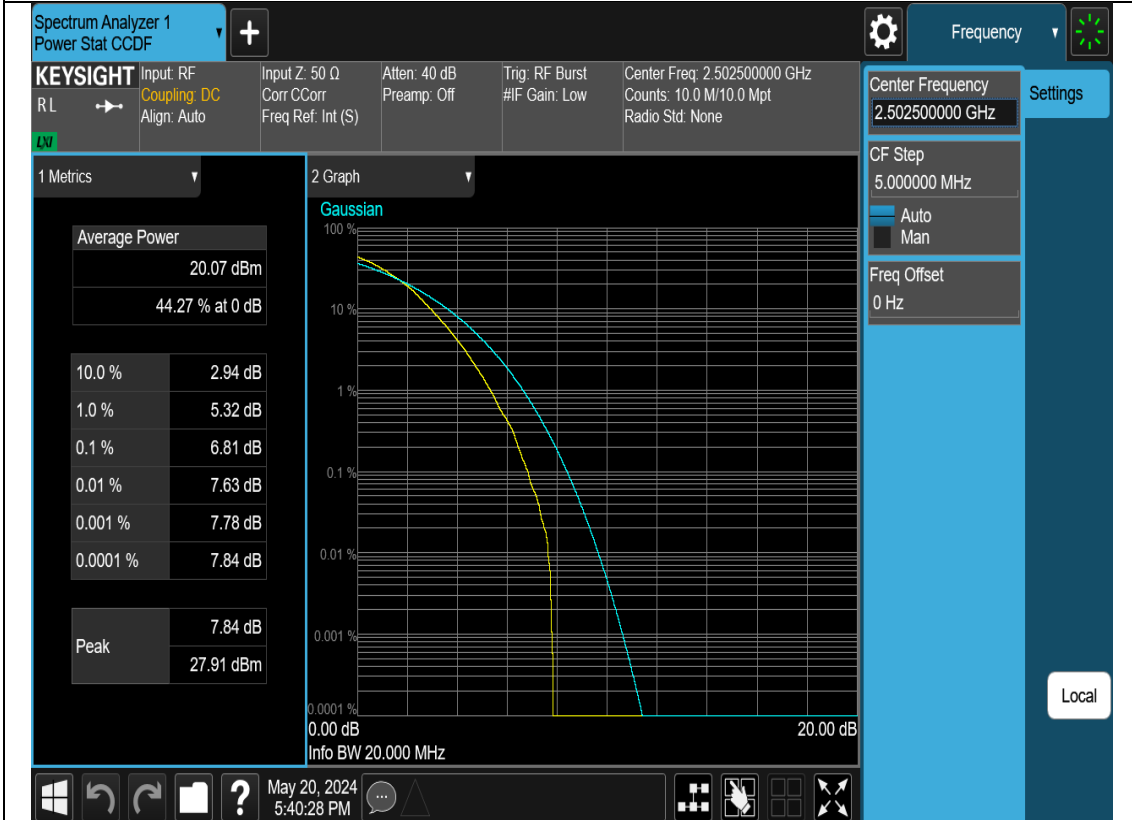
N7-5M-PAPR-L-DFT-s-OFDM-16QAM-Outer\_Full



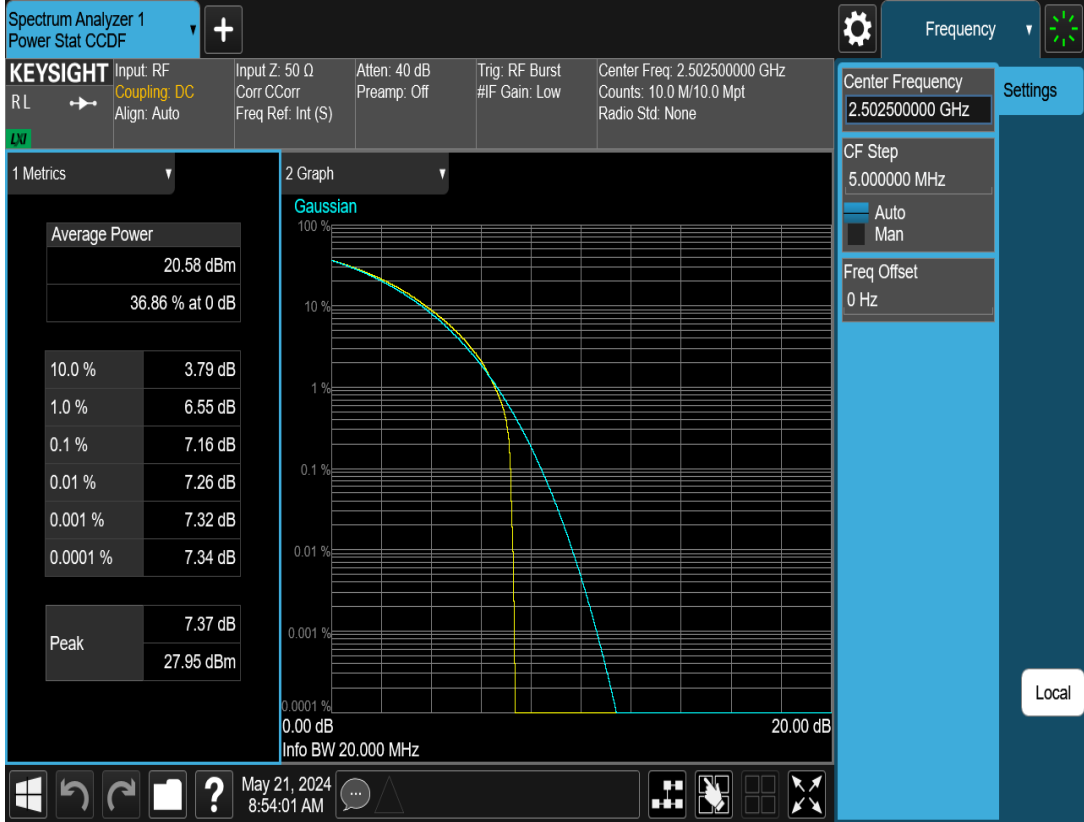
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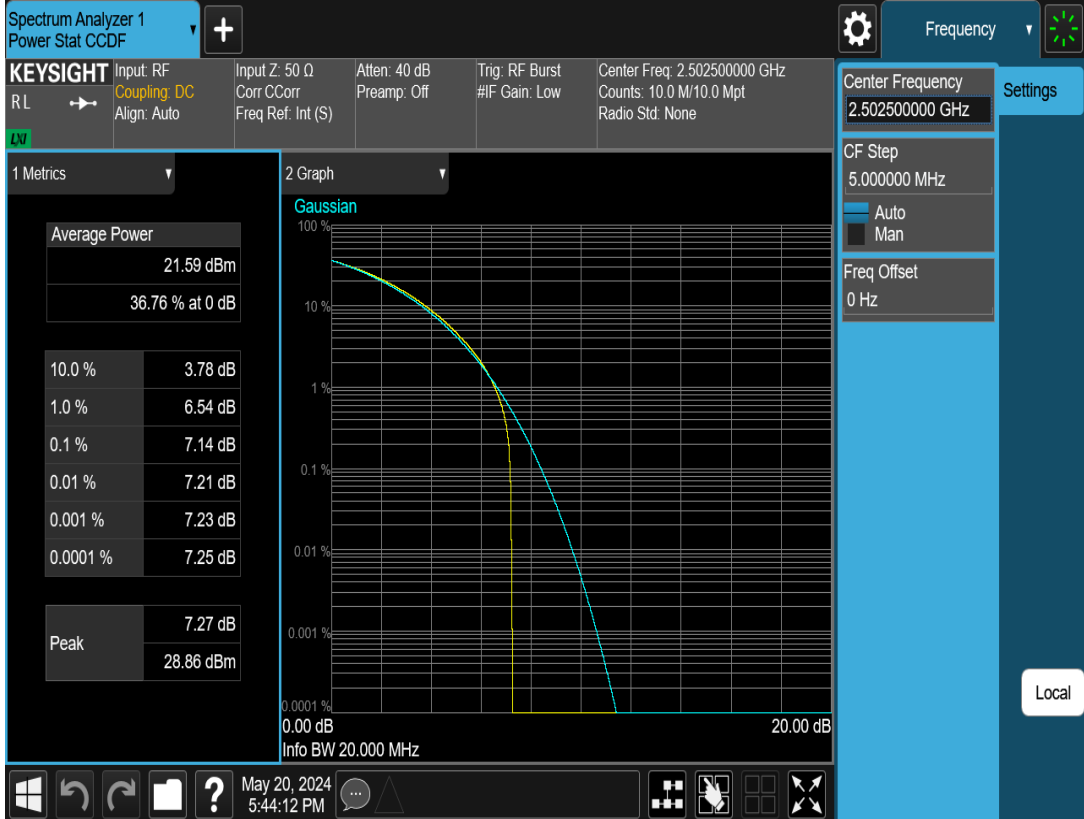
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N7-5M-PAPR-L-CP-OFDM-QPSK-Outer\_Full



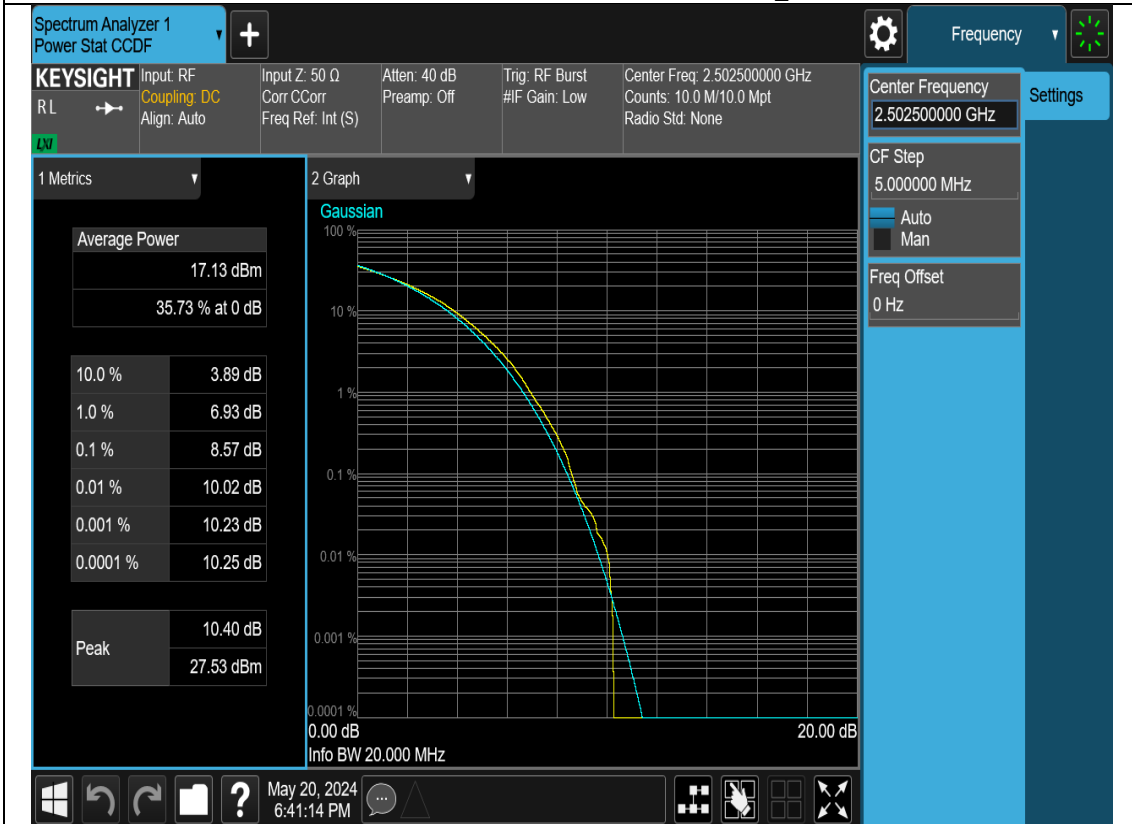
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N7-5M-PAPR-L-CP-OFDM-64QAM-Outer\_Full



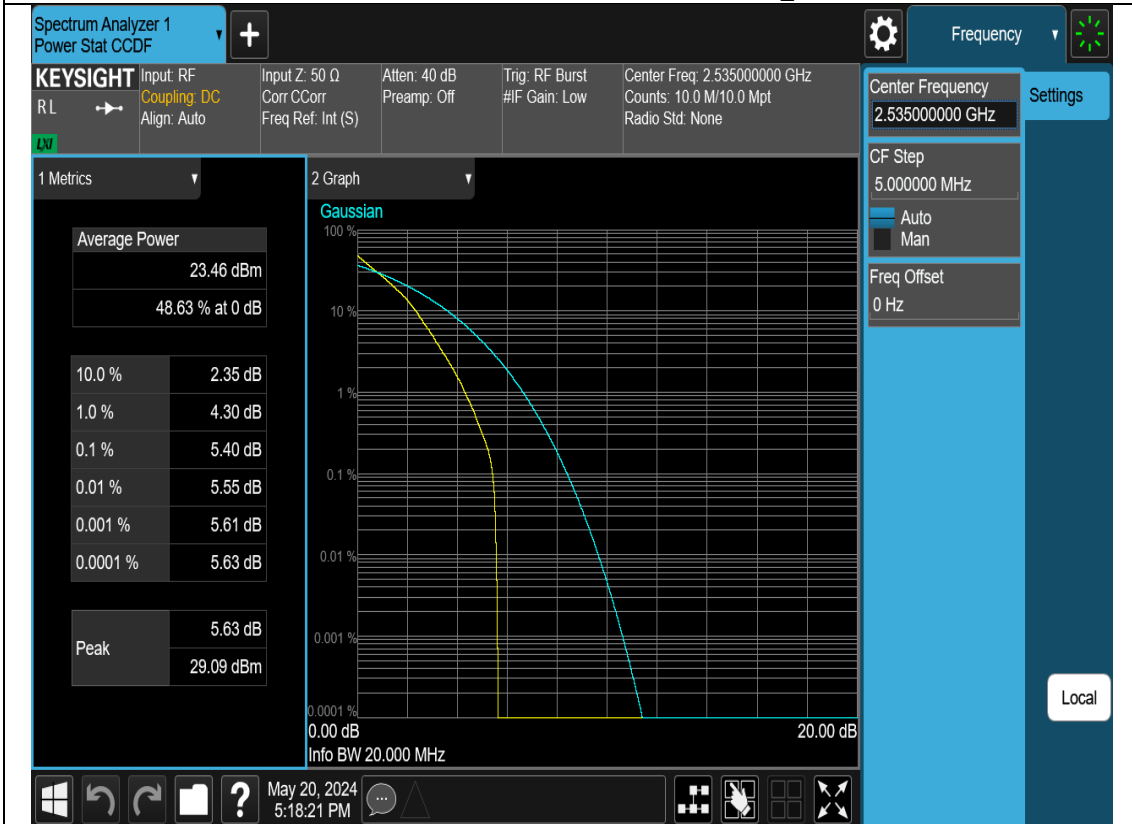
N7-5M-PAPR-L-CP-OFDM-256QAM-Outer\_Full



N7-5M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer\_Full

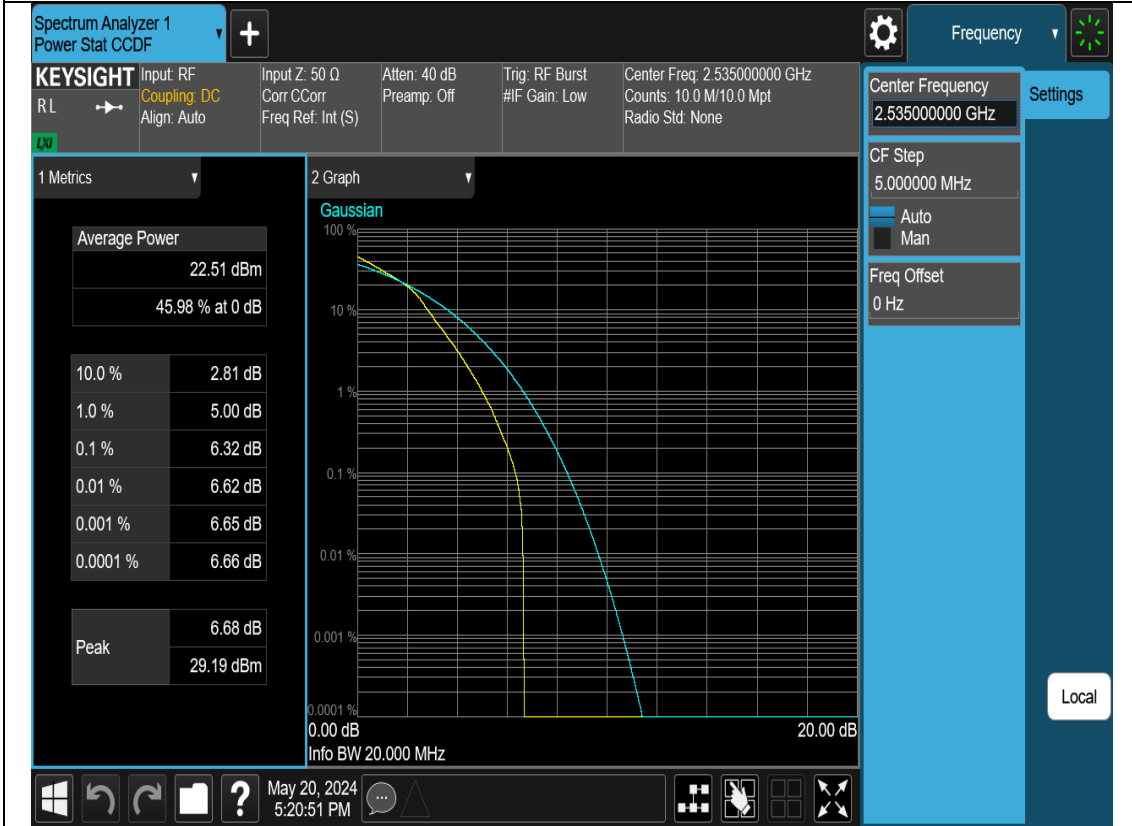


N7-5M-PAPR-M-DFT-s-OFDM-QPSK-Outer\_Full

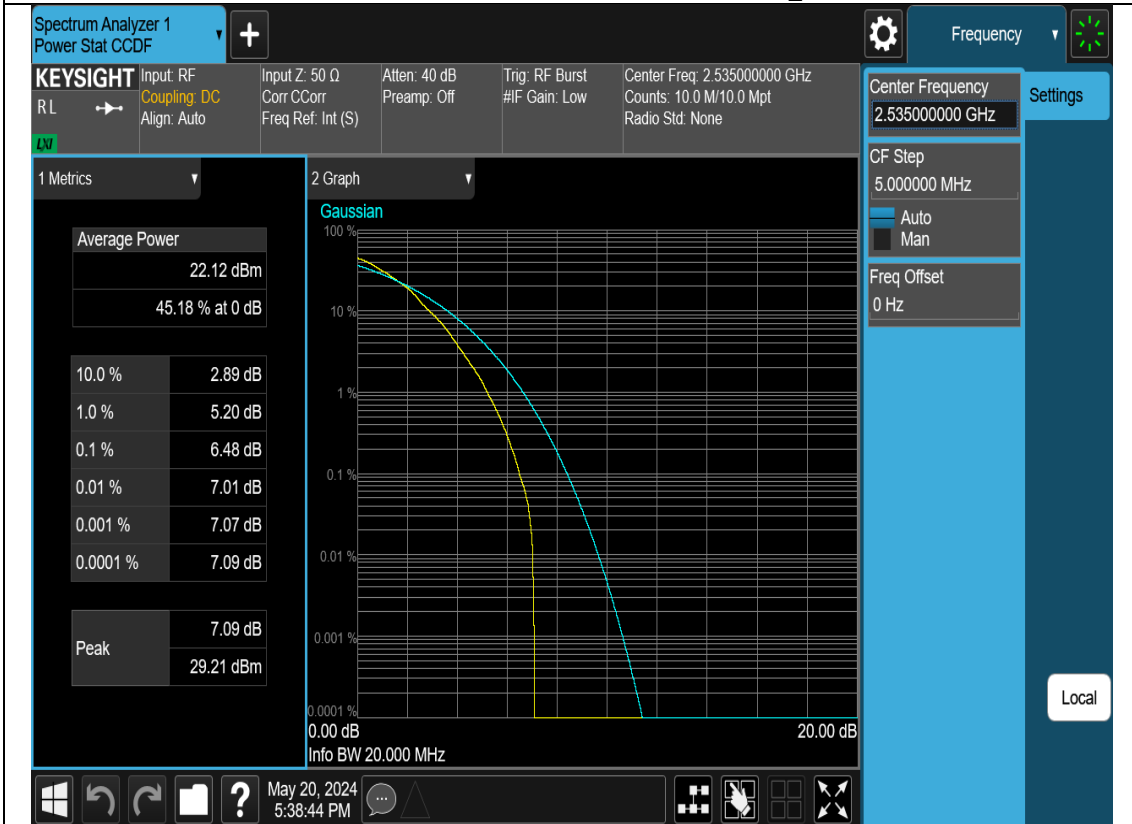




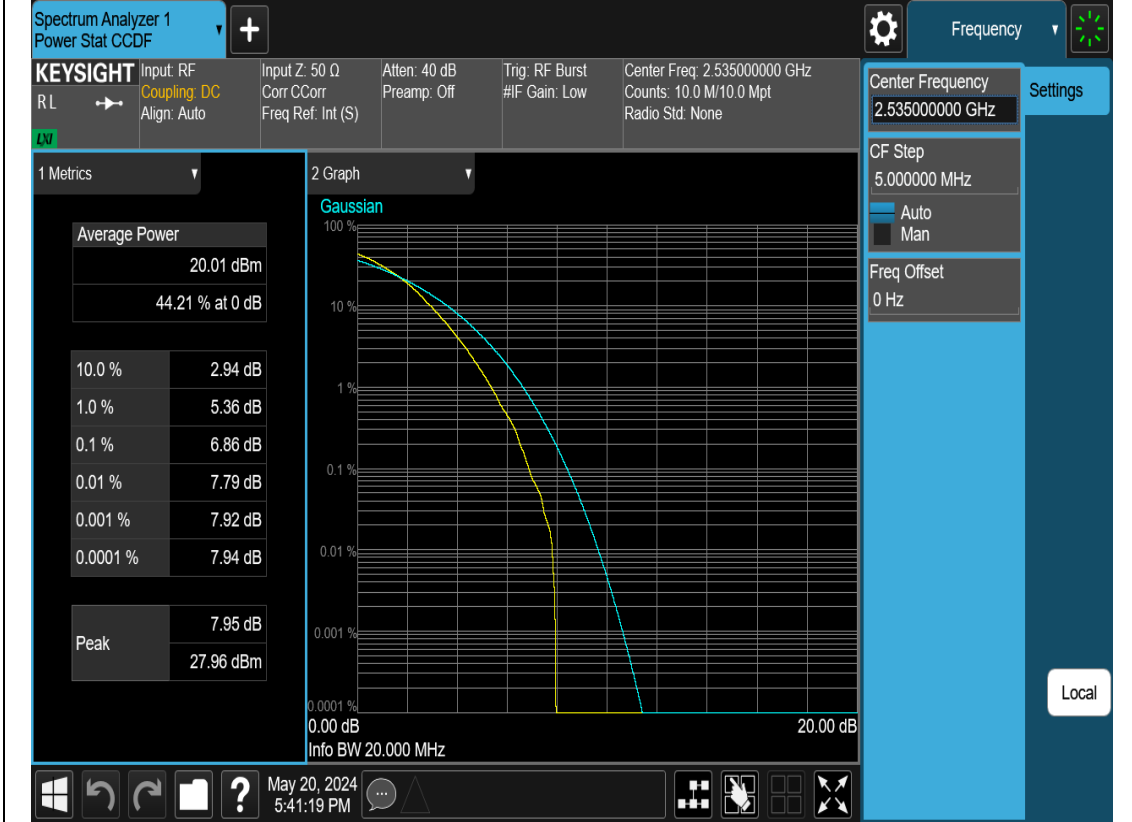
N7-5M-PAPR-M-DFT-s-OFDM-16QAM-Outer\_Full



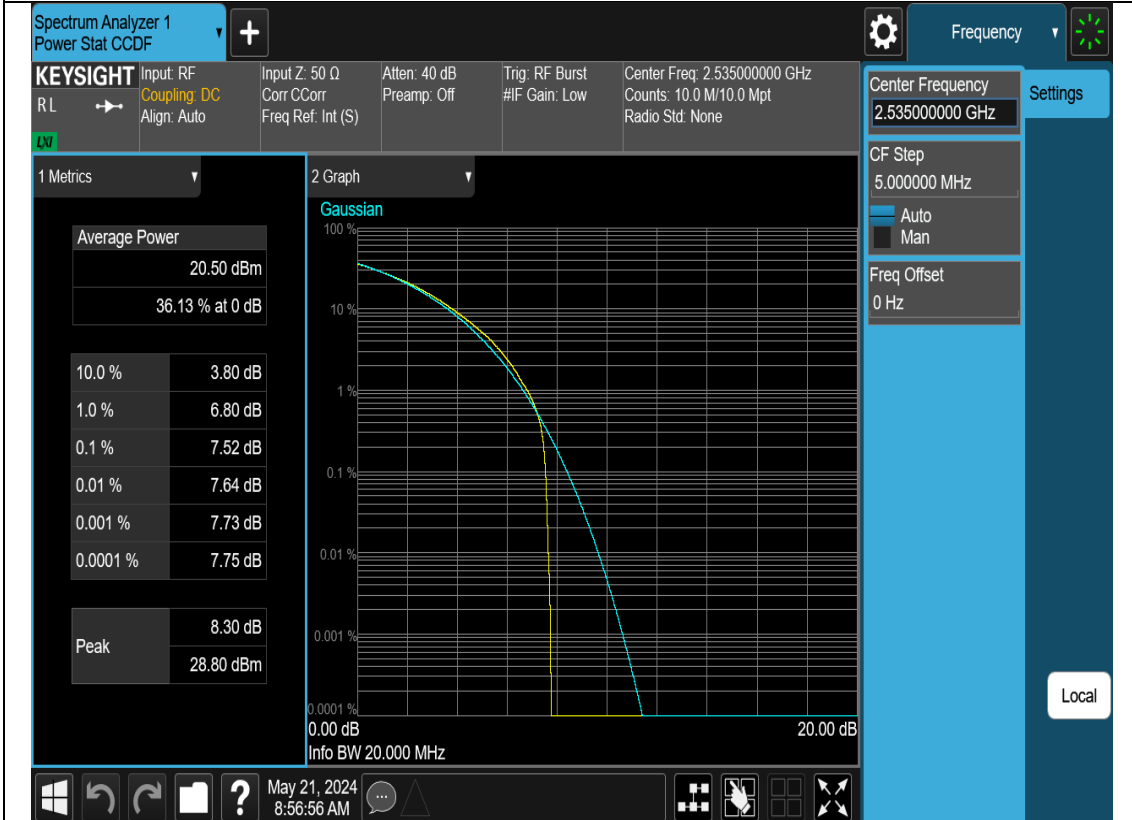
N7-5M-PAPR-M-DFT-s-OFDM-64QAM-Outer\_Full



N7-5M-PAPR-M-DFT-s-OFDM-256QAM-Outer\_Full



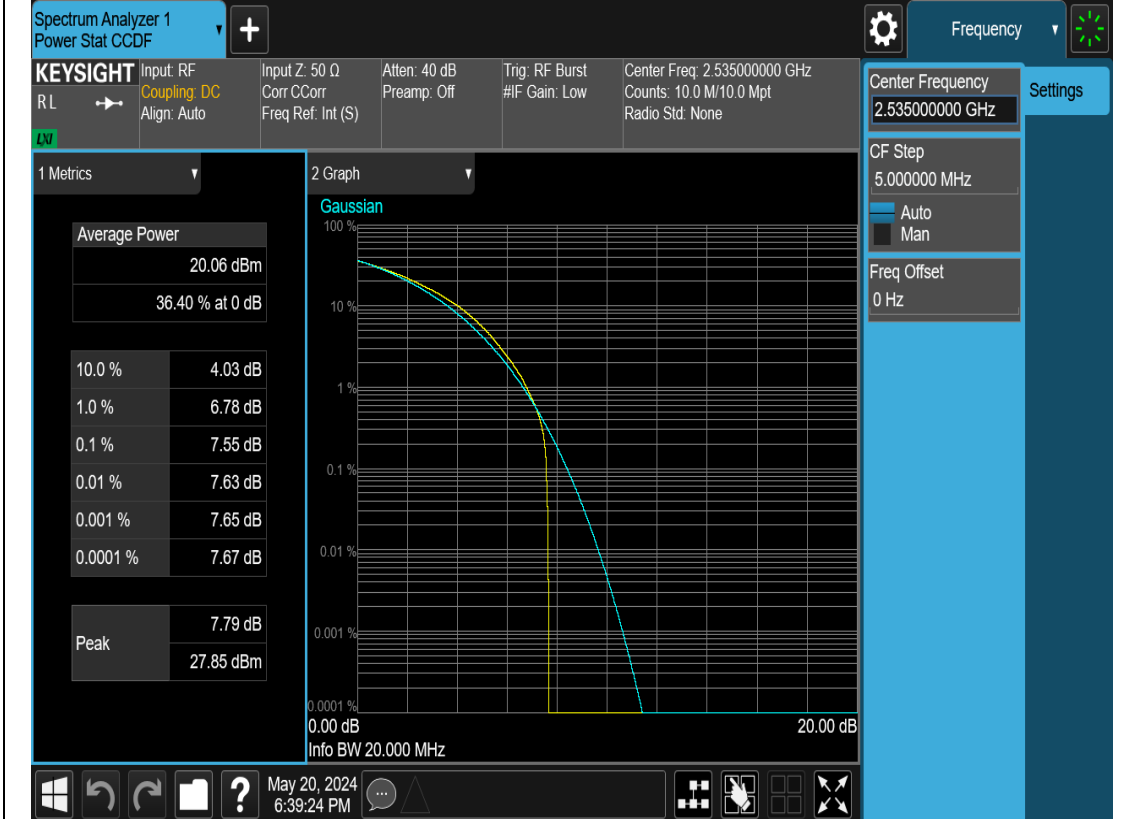
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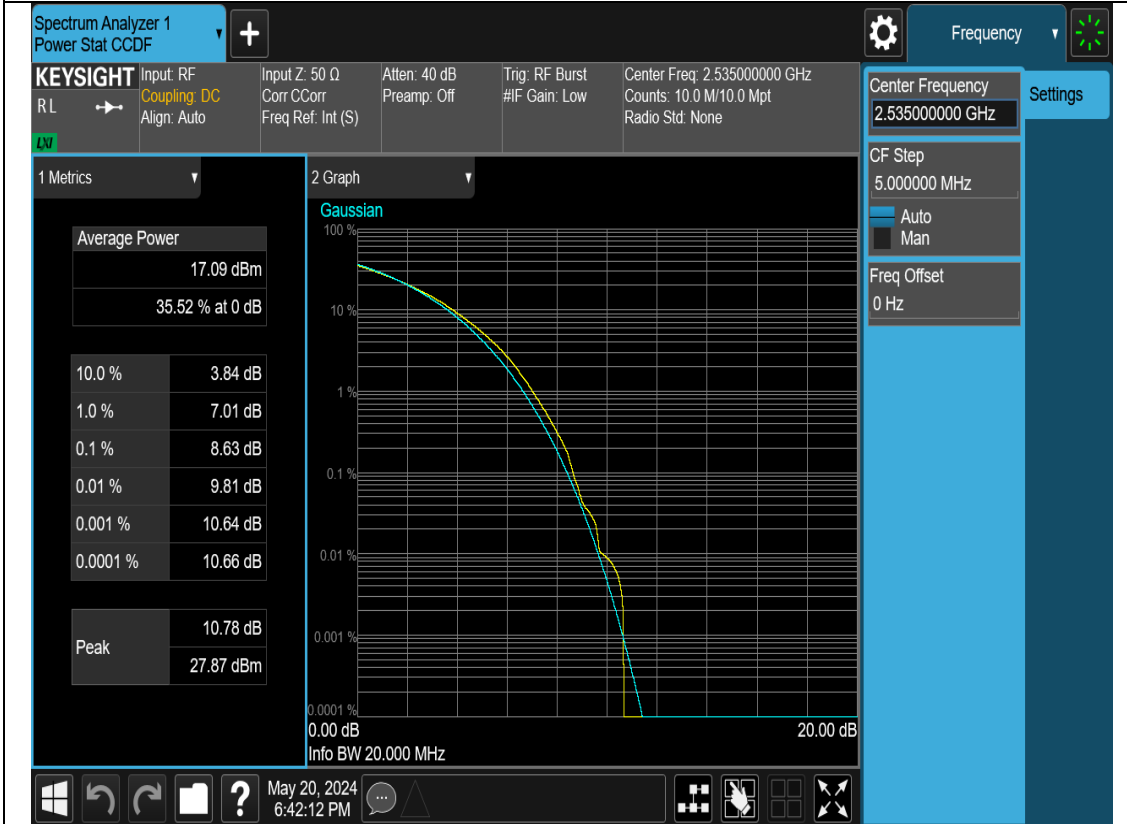
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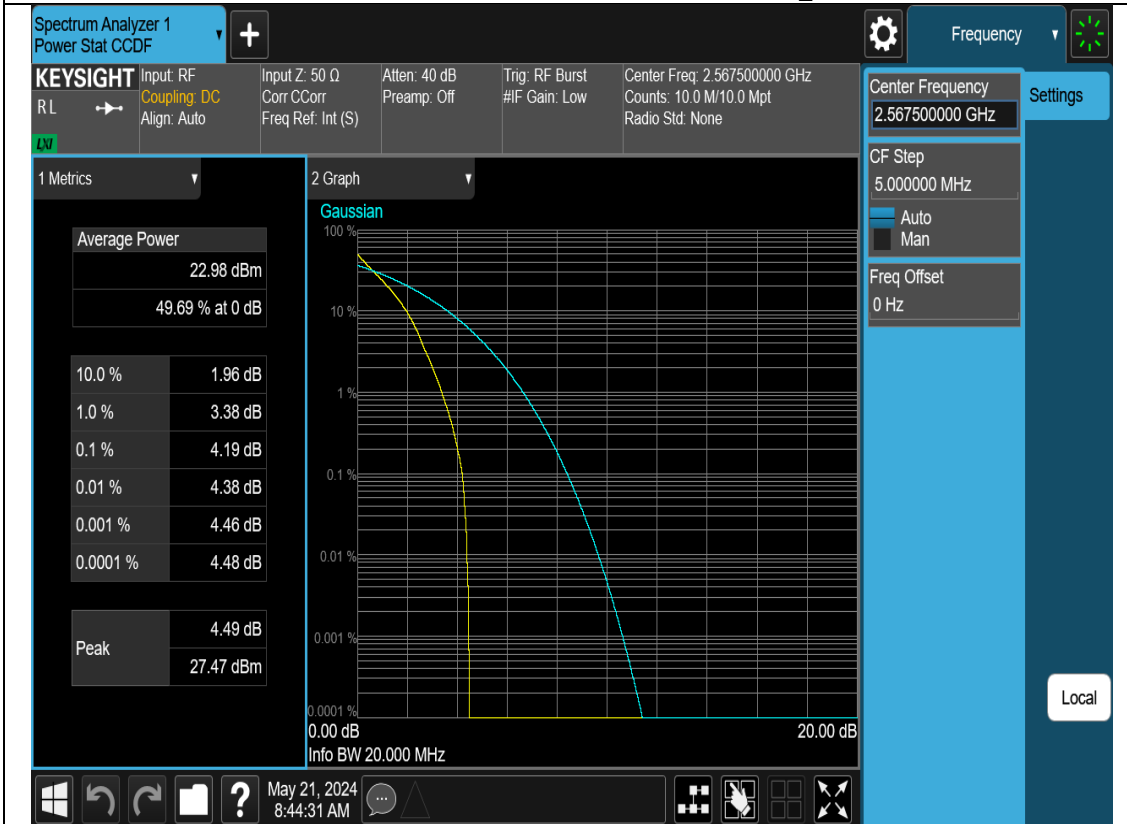
N7-5M-PAPR-M-CP-OFDM-64QAM-Outer\_Full



N7-5M-PAPR-M-CP-OFDM-256QAM-Outer\_Full



N7-5M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer\_Full



N7-5M-PAPR-H-DFT-s-OFDM-QPSK-Outer\_Full

Spectrum Analyzer 1  
Power Stat CCDF

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

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

Atten: 40 dB  
Preamp: Off

Trig: RF Burst  
#IF Gain: Low

Center Freq: 2.567500000 GHz  
Counts: 10.0 M/10.0 Mpt  
Radio Std: None

Center Frequency: 2.567500000 GHz

CF Step: 5.000000 MHz

Freq Offset: 0 Hz

1 Metrics

Average Power

23.27 dBm

48.51 % at 0 dB

10.0 %	2.32 dB
1.0 %	4.24 dB
0.1 %	5.17 dB
0.01 %	5.27 dB
0.001 %	5.31 dB
0.0001 %	5.33 dB

Peak

5.33 dB

28.60 dBm

2 Graph

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0.00 dB

20.00 dB

Info BW 20.000 MHz

May 20, 2024 5:19:06 PM

Local

N7-5M-PAPR-H-DFT-s-OFDM-16QAM-Outer\_Full

Spectrum Analyzer 1  
Power Stat CCDF

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

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

Atten: 40 dB  
Preamp: Off

Trig: RF Burst  
#IF Gain: Low

Center Freq: 2.567500000 GHz  
Counts: 10.0 M/10.0 Mpt  
Radio Std: None

Center Frequency: 2.567500000 GHz

CF Step: 5.000000 MHz

Freq Offset: 0 Hz

1 Metrics

Average Power

22.32 dBm

46.38 % at 0 dB

10.0 %	2.79 dB
1.0 %	4.95 dB
0.1 %	6.21 dB
0.01 %	6.42 dB
0.001 %	6.46 dB
0.0001 %	6.48 dB

Peak

6.49 dB

28.81 dBm

2 Graph

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0.00 dB

20.00 dB

Info BW 20.000 MHz

May 20, 2024 5:21:43 PM

Local