

99% & 26dB Bandwidth

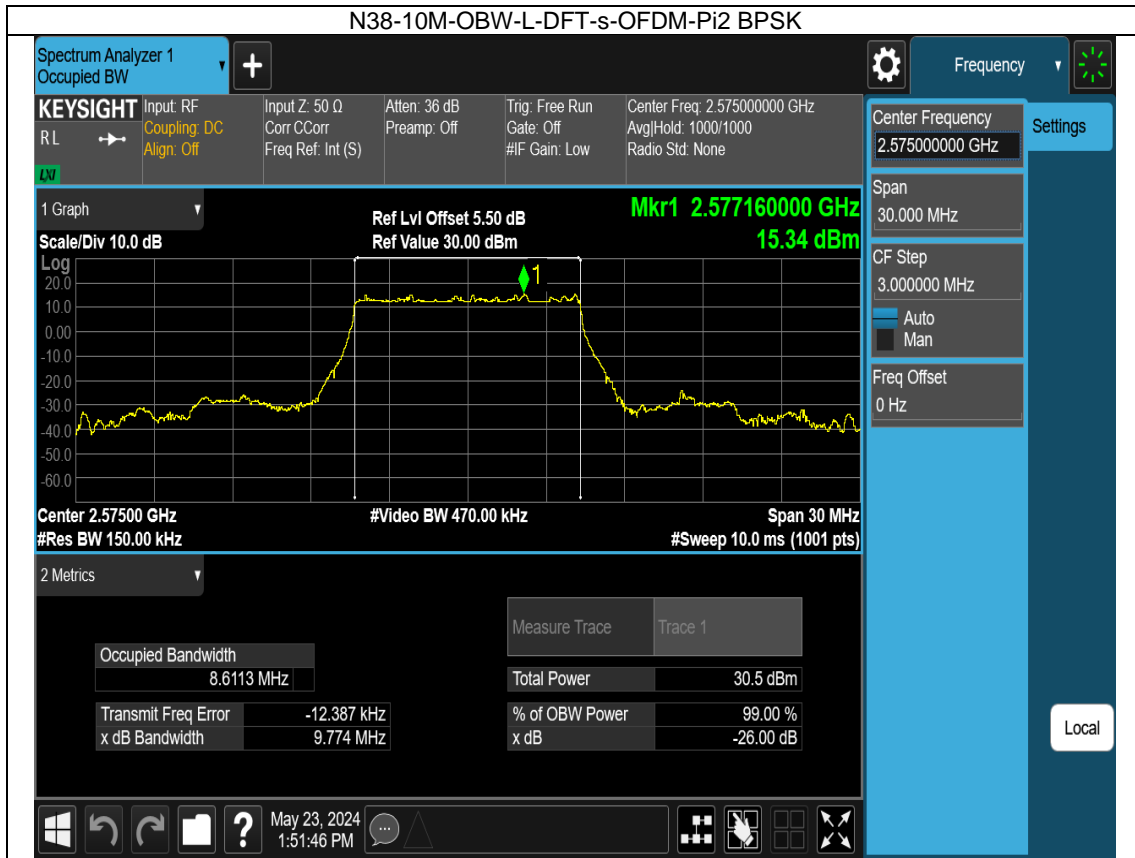
Test Result

5G NR n38 SCS=30kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	8.611	9.774	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.662	9.987	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.602	9.782	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.613	9.682	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.600	9.670	/	Pass
CP-OFDM QPSK		Outer_Full	8.715	10.30	/	Pass
CP-OFDM 16QAM		Outer_Full	8.645	9.827	/	Pass
CP-OFDM 64QAM		Outer_Full	8.644	9.855	/	Pass
CP-OFDM 256QAM		Outer_Full	8.628	9.893	/	Pass
DFT-s-OFDM PI/2 BPSK		Middle CH	Outer_Full	8.620	10.01	/
DFT-s-OFDM QPSK	Outer_Full		8.646	9.869	/	Pass
DFT-s-OFDM 16QAM	Outer_Full		8.594	9.833	/	Pass
DFT-s-OFDM 64QAM	Outer_Full		8.595	9.836	/	Pass
DFT-s-OFDM 256QAM	Outer_Full		8.579	9.869	/	Pass
CP-OFDM QPSK	Outer_Full		8.595	9.834	/	Pass
CP-OFDM 16QAM	Outer_Full		8.618	9.979	/	Pass
CP-OFDM 64QAM	Outer_Full		8.607	10.06	/	Pass
CP-OFDM 256QAM	Outer_Full		8.621	9.911	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH		Outer_Full	8.638	9.889	/
DFT-s-OFDM QPSK		Outer_Full	8.614	9.981	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.634	9.787	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.622	9.760	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.627	9.827	/	Pass
CP-OFDM QPSK		Outer_Full	8.694	10.25	/	Pass
CP-OFDM 16QAM		Outer_Full	8.653	10.10	/	Pass
CP-OFDM 64QAM		Outer_Full	8.668	10.12	/	Pass
CP-OFDM 256QAM		Outer_Full	8.671	10.12	/	Pass

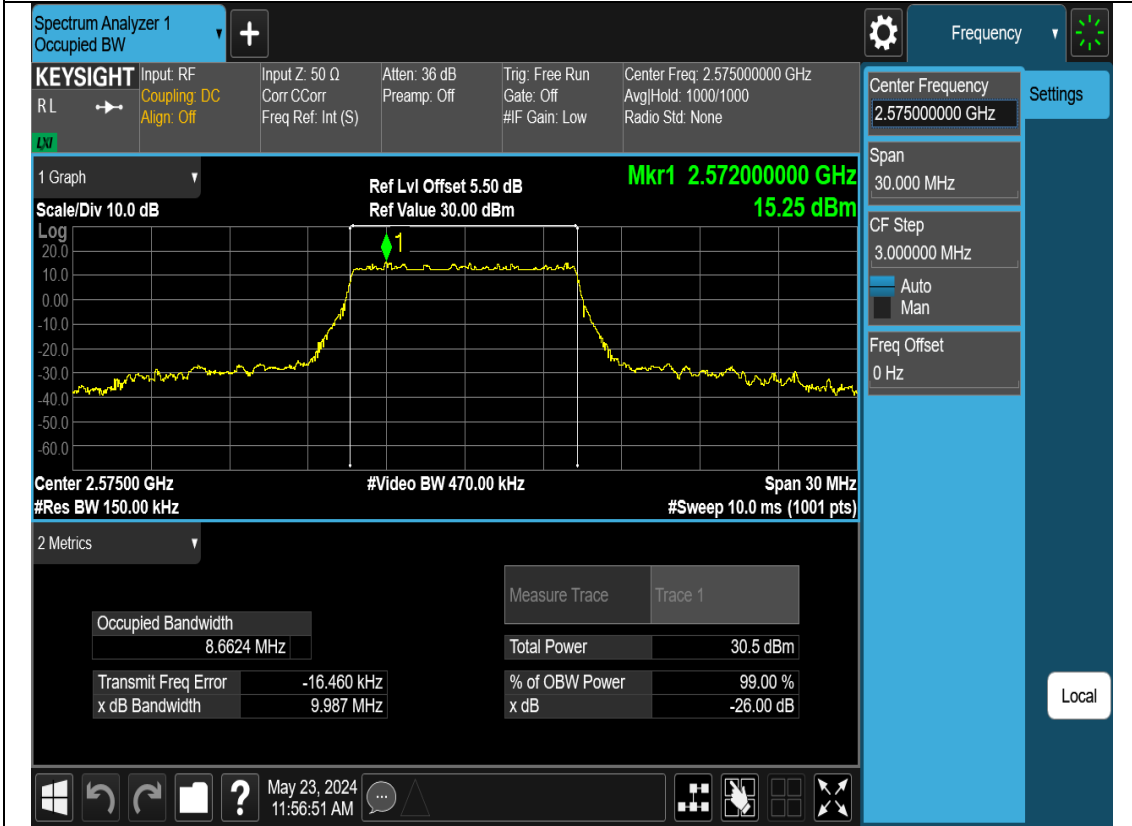
5G NR n38 SCS=30kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	12.980	14.53	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.003	14.62	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.002	14.50	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.013	14.49	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.013	14.56	/	Pass
CP-OFDM QPSK		Outer_Full	13.637	15.34	/	Pass
CP-OFDM 16QAM		Outer_Full	13.697	15.47	/	Pass
CP-OFDM 64QAM		Outer_Full	13.704	15.03	/	Pass
CP-OFDM 256QAM		Outer_Full	13.694	15.14	/	Pass
DFT-s-OFDM PI/2 BPSK		Middle CH	Outer_Full	12.974	14.3	/
DFT-s-OFDM QPSK	Outer_Full		12.996	14.61	/	Pass
DFT-s-OFDM 16QAM	Outer_Full		12.990	14.50	/	Pass
DFT-s-OFDM 64QAM	Outer_Full		12.972	14.53	/	Pass
DFT-s-OFDM 256QAM	Outer_Full		13.041	14.58	/	Pass
CP-OFDM QPSK	Outer_Full		13.621	15.09	/	Pass
CP-OFDM 16QAM	Outer_Full		12.916	14.59	/	Pass
CP-OFDM 64QAM	Outer_Full		12.957	14.44	/	Pass
CP-OFDM 256QAM	Outer_Full		12.979	14.60	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH		Outer_Full	12.959	14.53	/
DFT-s-OFDM QPSK		Outer_Full	12.985	14.77	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	12.979	14.16	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	12.958	14.49	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.015	14.58	/	Pass
CP-OFDM QPSK		Outer_Full	13.634	15.44	/	Pass
CP-OFDM 16QAM		Outer_Full	12.949	14.41	/	Pass
CP-OFDM 64QAM		Outer_Full	12.987	14.46	/	Pass
CP-OFDM 256QAM		Outer_Full	12.951	14.43	/	Pass

5G NR n38 SCS=30kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	17.936	19.71	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.926	19.58	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.948	19.54	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.941	19.66	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	18.002	19.55	/	Pass
CP-OFDM QPSK		Outer_Full	18.273	19.86	/	Pass
CP-OFDM 16QAM		Outer_Full	18.352	20.08	/	Pass
CP-OFDM 64QAM		Outer_Full	18.307	20.01	/	Pass
CP-OFDM 256QAM		Outer_Full	18.281	20.11	/	Pass
DFT-s-OFDM PI/2 BPSK		Middle CH	Outer_Full	17.936	19.63	/
DFT-s-OFDM QPSK	Outer_Full		17.911	19.43	/	Pass
DFT-s-OFDM 16QAM	Outer_Full		17.925	19.67	/	Pass
DFT-s-OFDM 64QAM	Outer_Full		17.929	19.31	/	Pass
DFT-s-OFDM 256QAM	Outer_Full		18.002	19.67	/	Pass
CP-OFDM QPSK	Outer_Full		18.302	19.79	/	Pass
CP-OFDM 16QAM	Outer_Full		17.895	19.85	/	Pass
CP-OFDM 64QAM	Outer_Full		17.916	19.45	/	Pass
CP-OFDM 256QAM	Outer_Full		17.941	19.66	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH		Outer_Full	17.927	19.58	/
DFT-s-OFDM QPSK		Outer_Full	17.936	19.45	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.954	19.60	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.924	19.27	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.984	19.54	/	Pass
CP-OFDM QPSK		Outer_Full	18.275	19.61	/	Pass
CP-OFDM 16QAM		Outer_Full	17.913	19.87	/	Pass
CP-OFDM 64QAM		Outer_Full	17.904	19.27	/	Pass
CP-OFDM 256QAM		Outer_Full	17.914	19.48	/	Pass

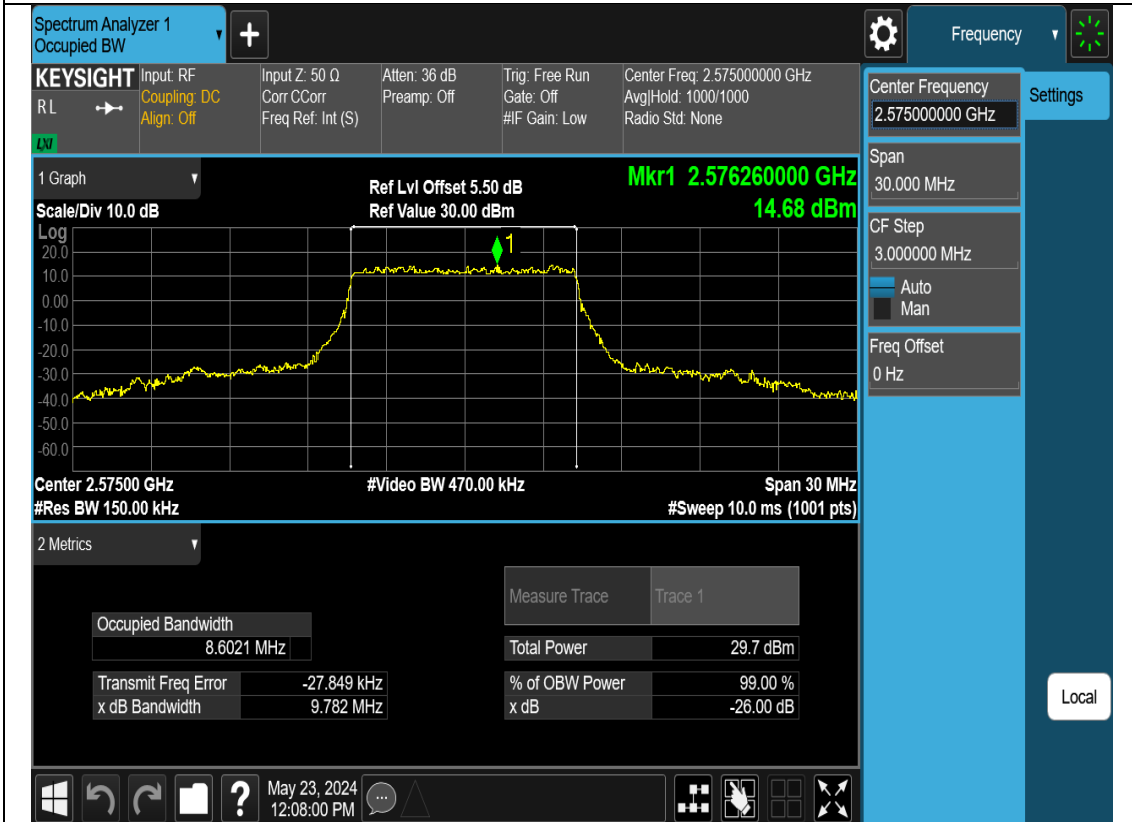
Test graph



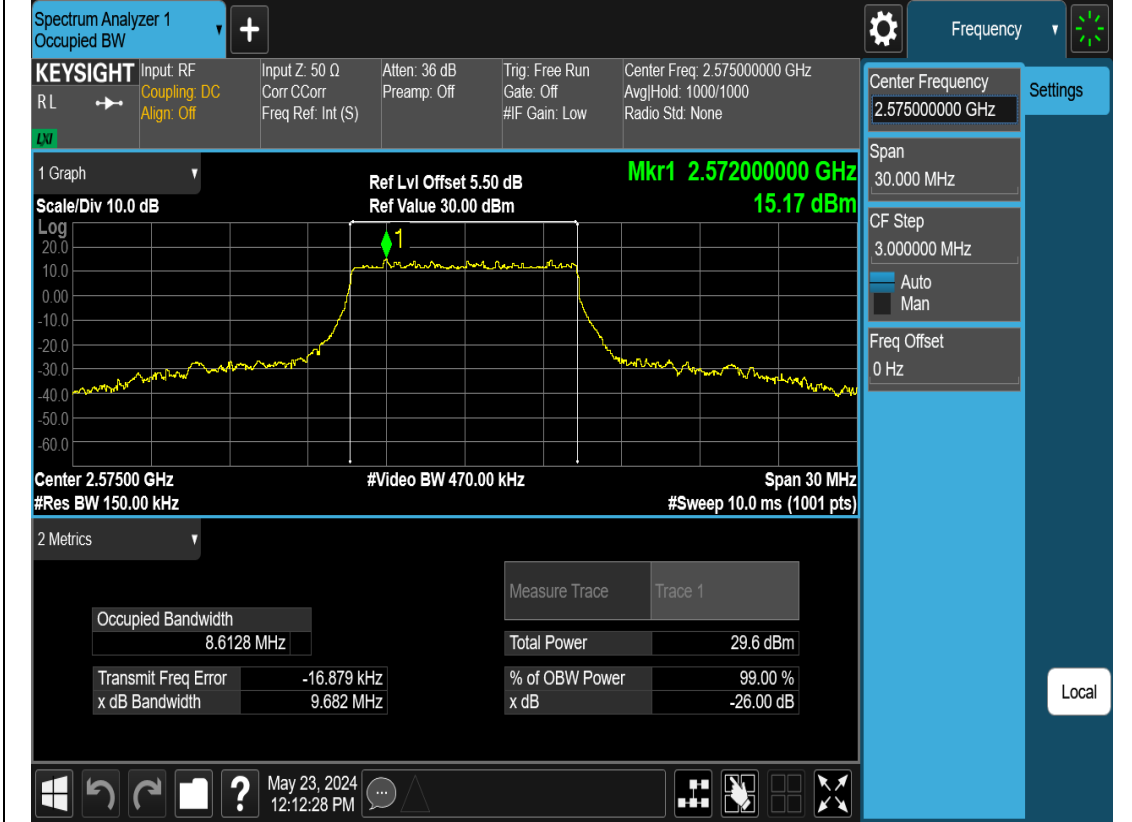
N38-10M-OBW-L-DFT-s-OFDM-QPSK



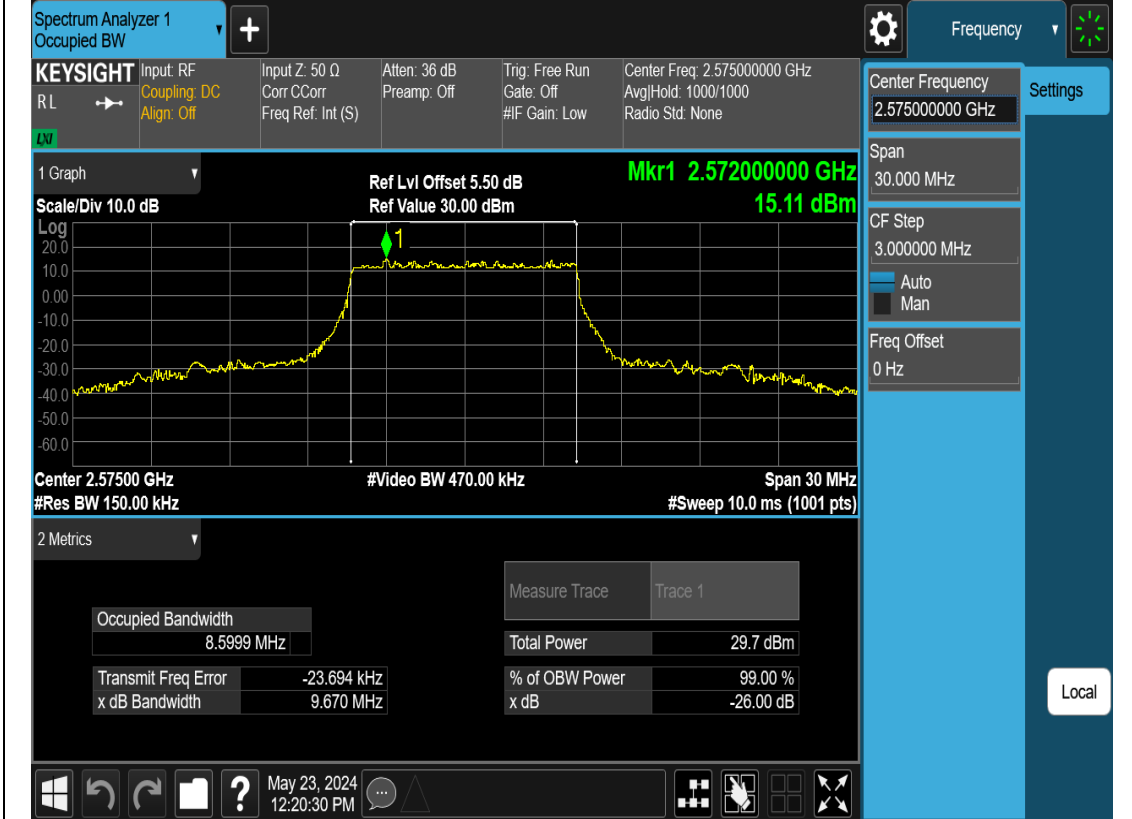
N38-10M-OBW-L-DFT-s-OFDM-16QAM



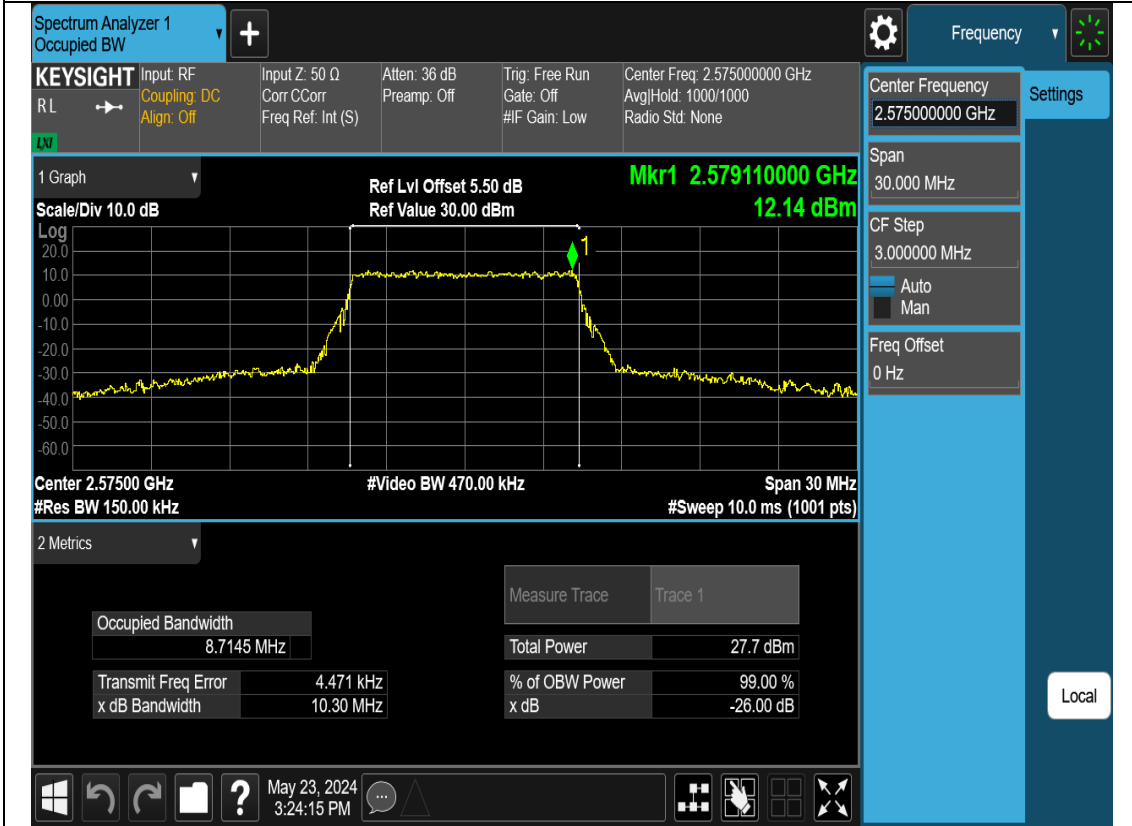
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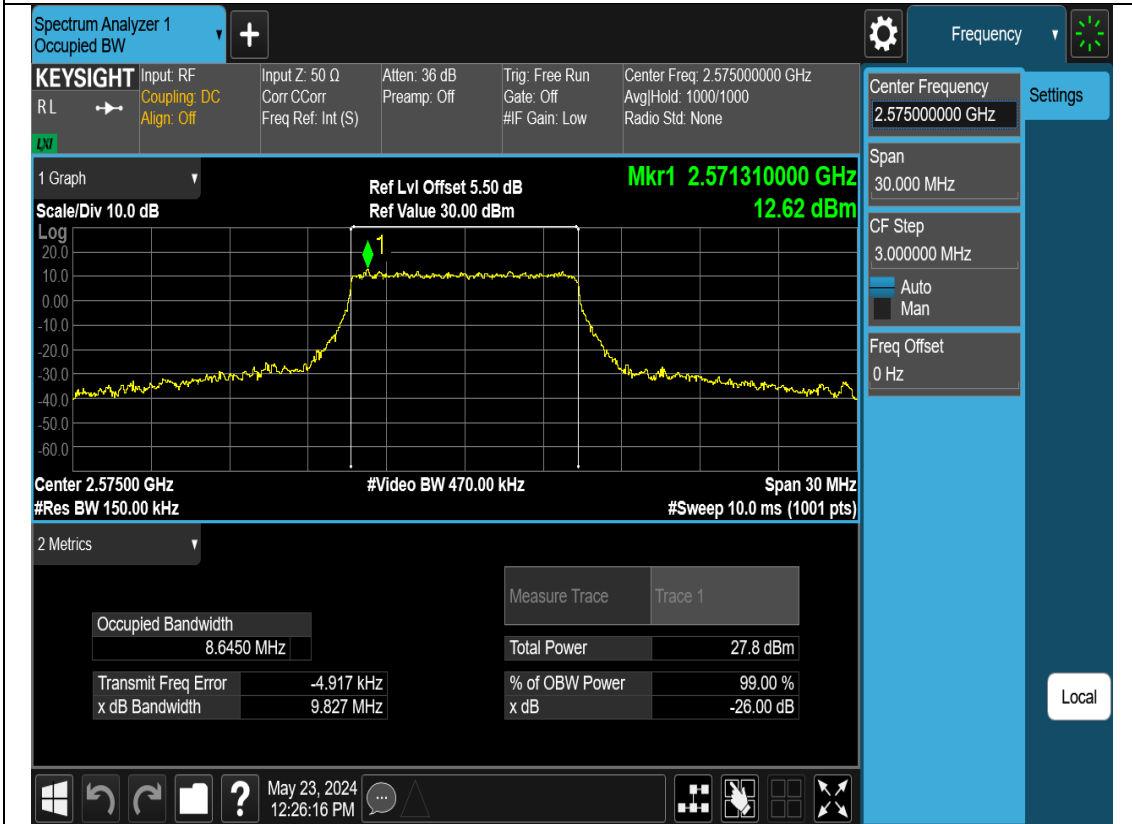
N38-10M-OBW-L-DFT-s-OFDM-256QAM



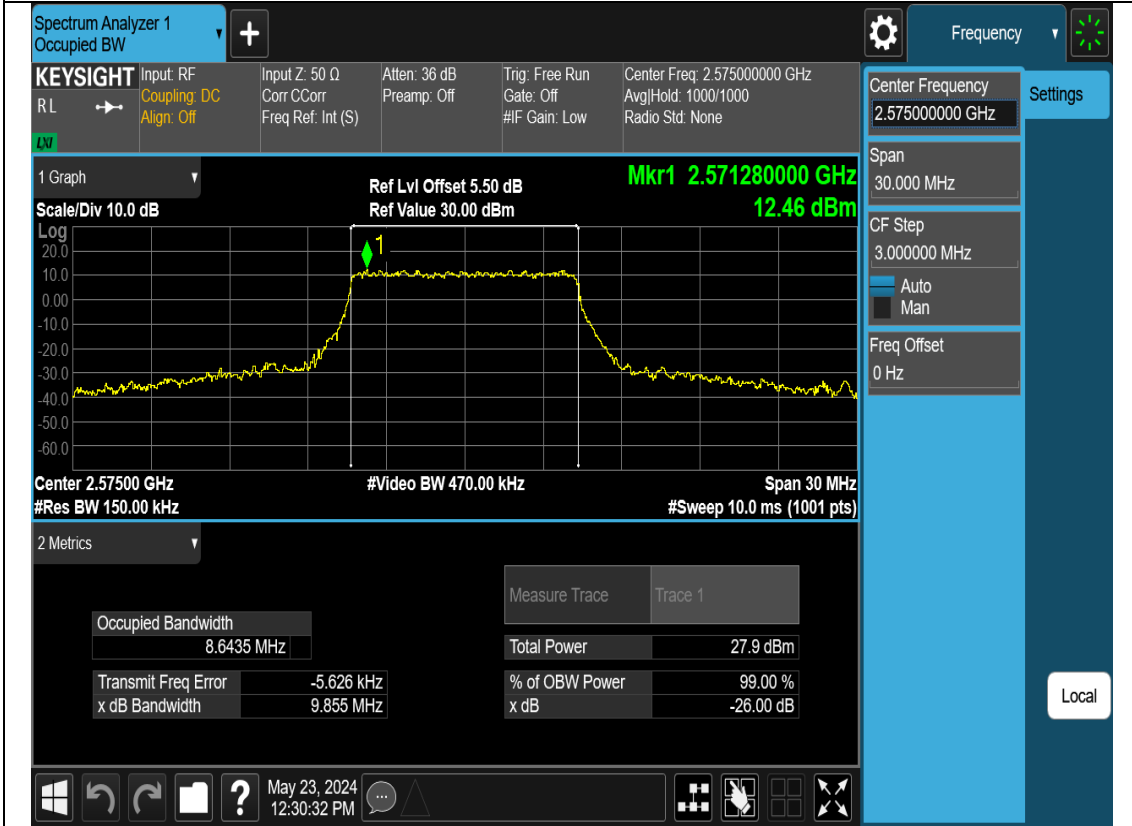
N38-10M-OBW-L-CP-OFDM-QPSK



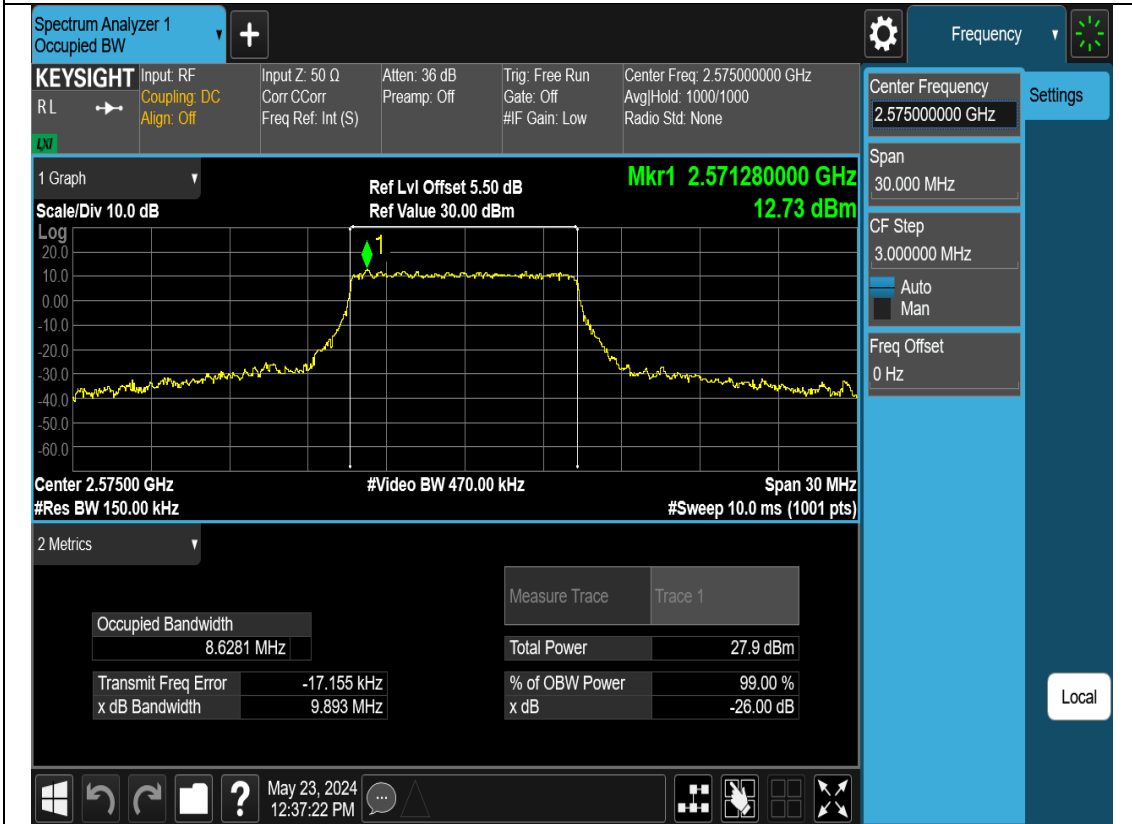
N38-10M-OBW-L-CP-OFDM-16QAM



N38-10M-OBW-L-CP-OFDM-64QAM



N38-10M-OBW-L-CP-OFDM-256QAM



N38-10M-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: 2.595000000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.595000000 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 2.595930000 GHz
15.54 dBm

Center 2.59500 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

Occupied Bandwidth	8.6197 MHz	Total Power	31.1 dBm
Transmit Freq Error	-25.138 kHz	% of OBW Power	99.00 %
x dB Bandwidth	10.01 MHz	x dB	-26.00 dB

May 23, 2024
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N38-10M-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: 2.595000000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.595000000 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 2.591430000 GHz
15.92 dBm

Center 2.59500 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

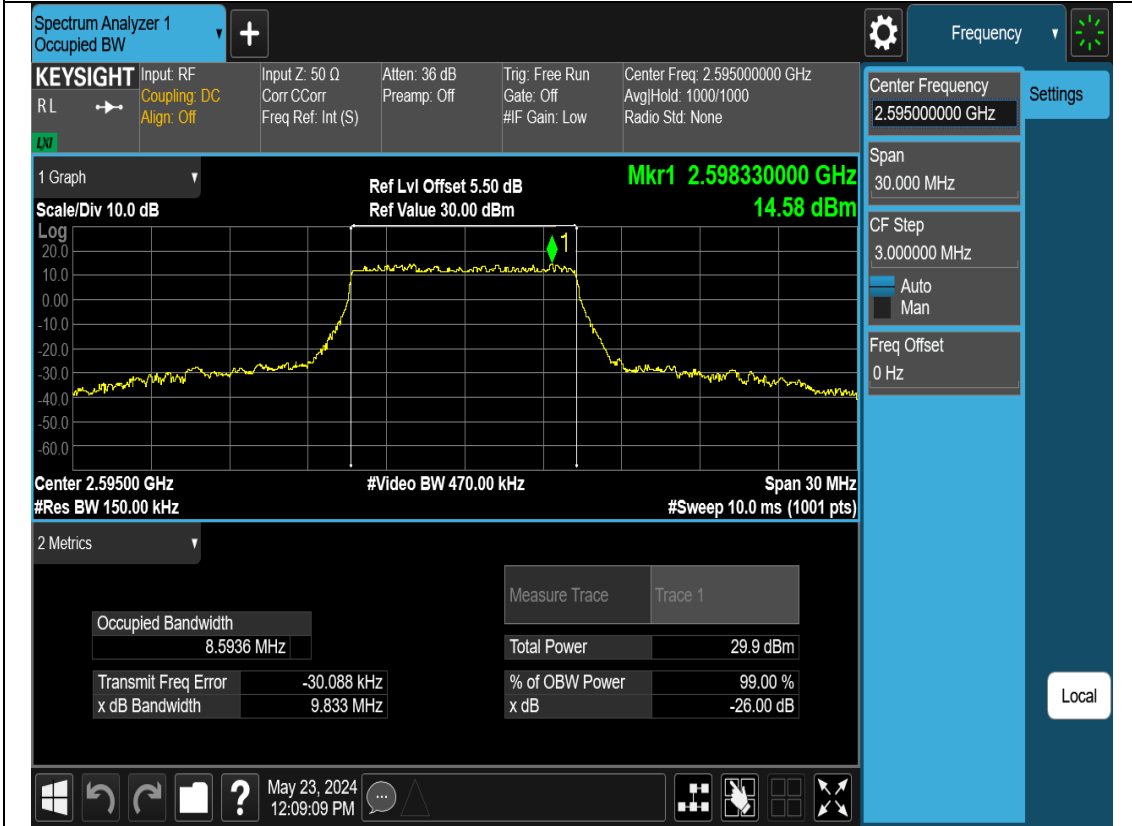
2 Metrics

Occupied Bandwidth	8.6460 MHz	Total Power	30.7 dBm
Transmit Freq Error	-22.784 kHz	% of OBW Power	99.00 %
x dB Bandwidth	9.869 MHz	x dB	-26.00 dB

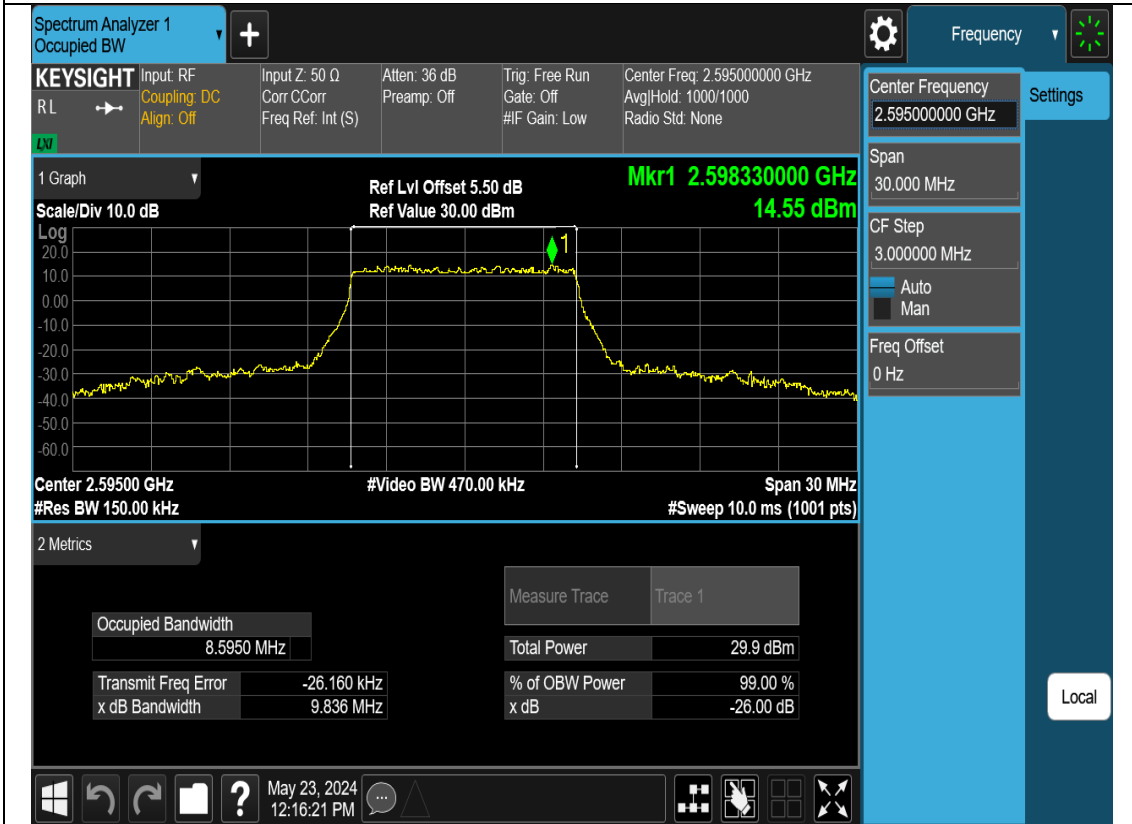
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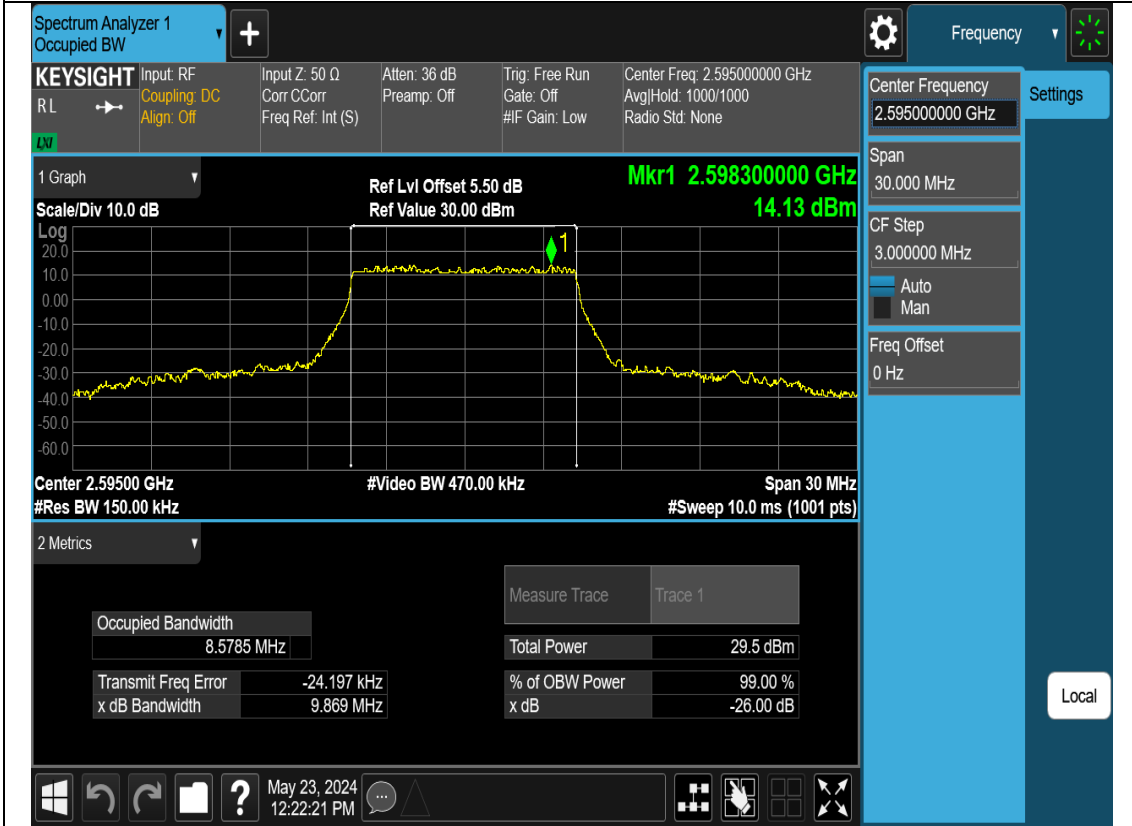
N38-10M-OBW-M-DFT-s-OFDM-16QAM



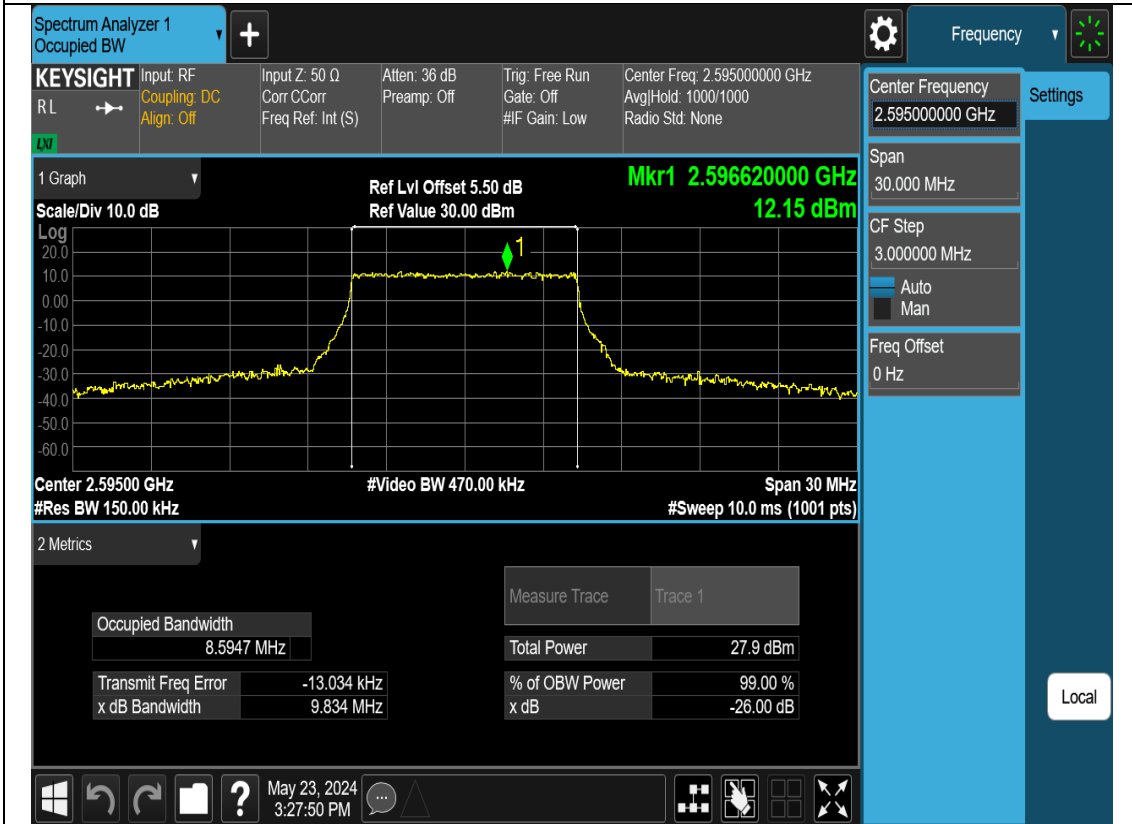
N38-10M-OBW-M-DFT-s-OFDM-64QAM



N38-10M-OBW-M-DFT-s-OFDM-256QAM



N38-10M-OBW-M-CP-OFDM-QPSK



N38-10M-OBW-M-CP-OFDM-16QAM

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: 2.595000000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.595000000 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 2.594670000 GHz
12.69 dBm

Center 2.59500 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	8.6181 MHz	Total Power	27.8 dBm
Transmit Freq Error	-5.778 kHz	% of OBW Power	99.00 %
x dB Bandwidth	9.979 MHz	x dB	-26.00 dB

May 23, 2024 12:27:28 PM

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N38-10M-OBW-M-CP-OFDM-64QAM

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: 2.595000000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.595000000 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 2.594640000 GHz
12.75 dBm

Center 2.59500 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

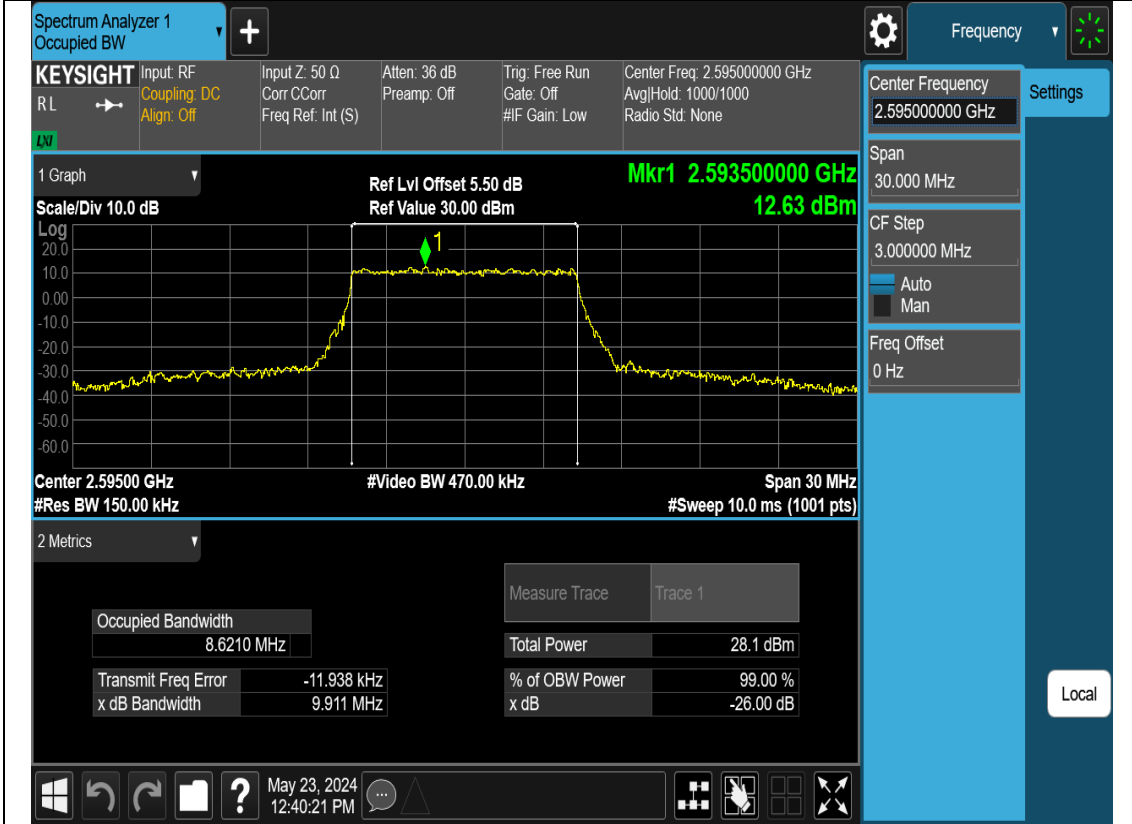
2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	8.6070 MHz	Total Power	28.0 dBm
Transmit Freq Error	-5.765 kHz	% of OBW Power	99.00 %
x dB Bandwidth	10.06 MHz	x dB	-26.00 dB

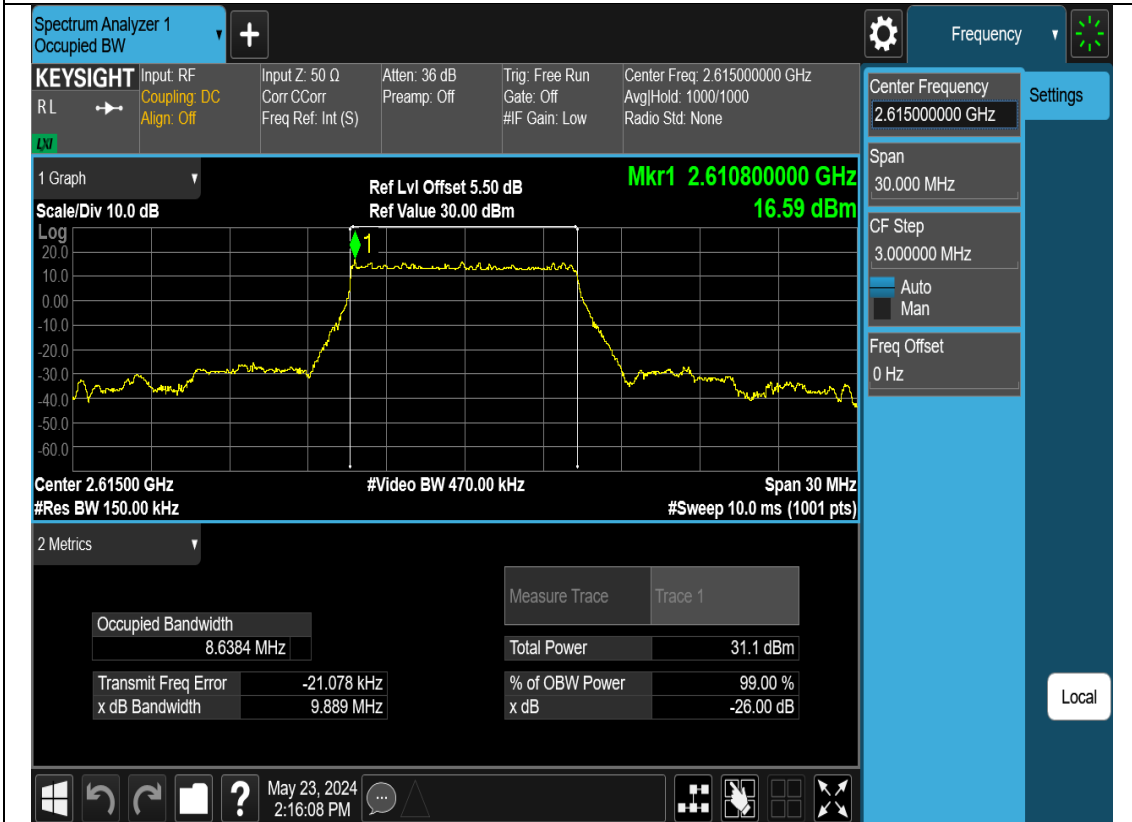
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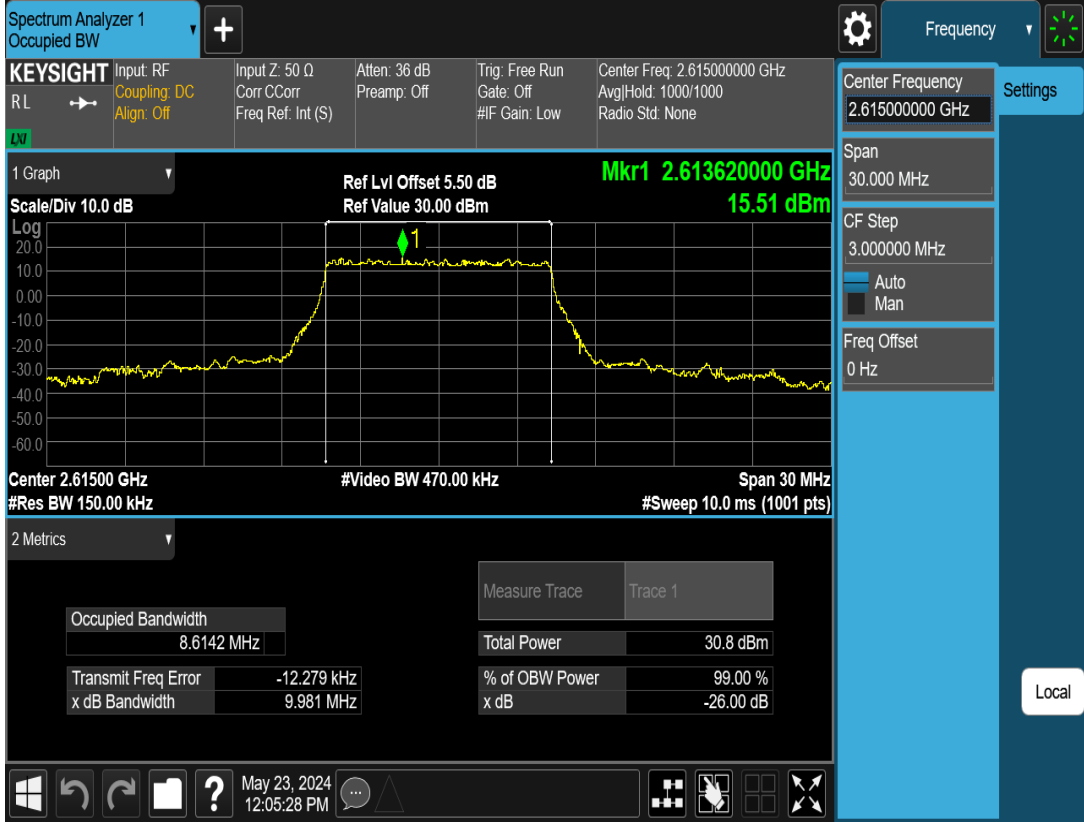
N38-10M-OBW-M-CP-OFDM-256QAM



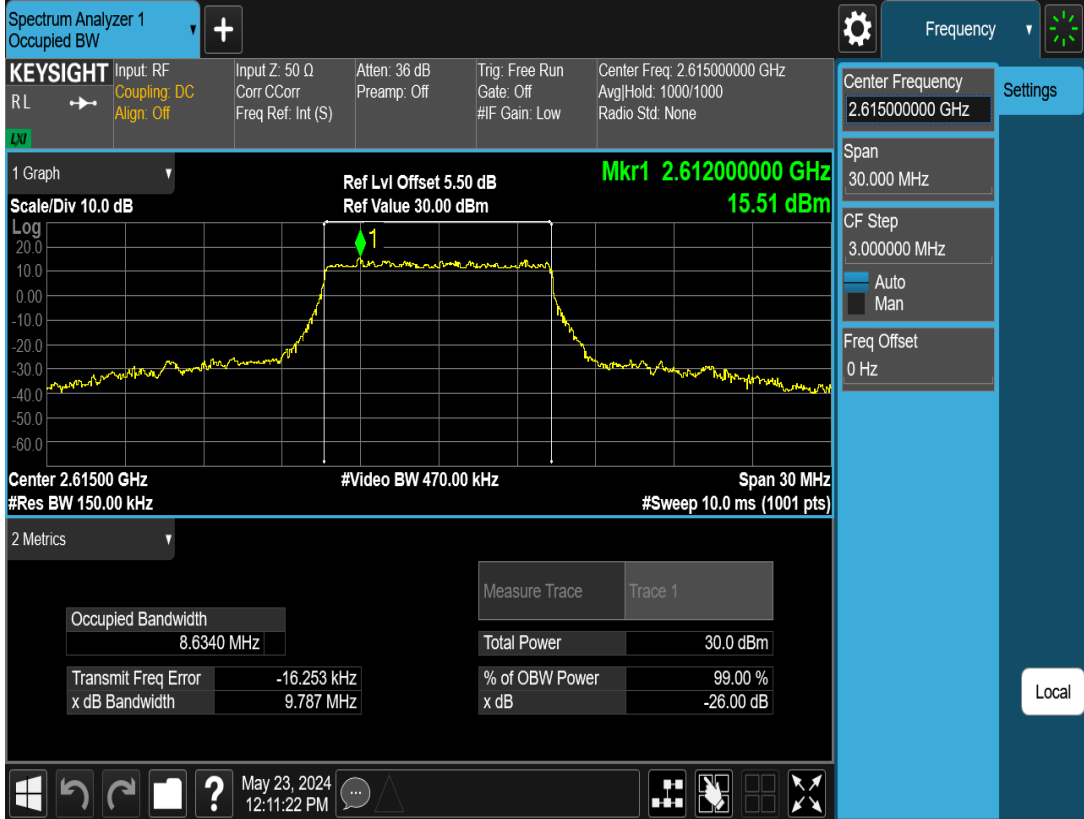
N38-10M-OBW-H-DFT-s-OFDM-Pi2 BPSK



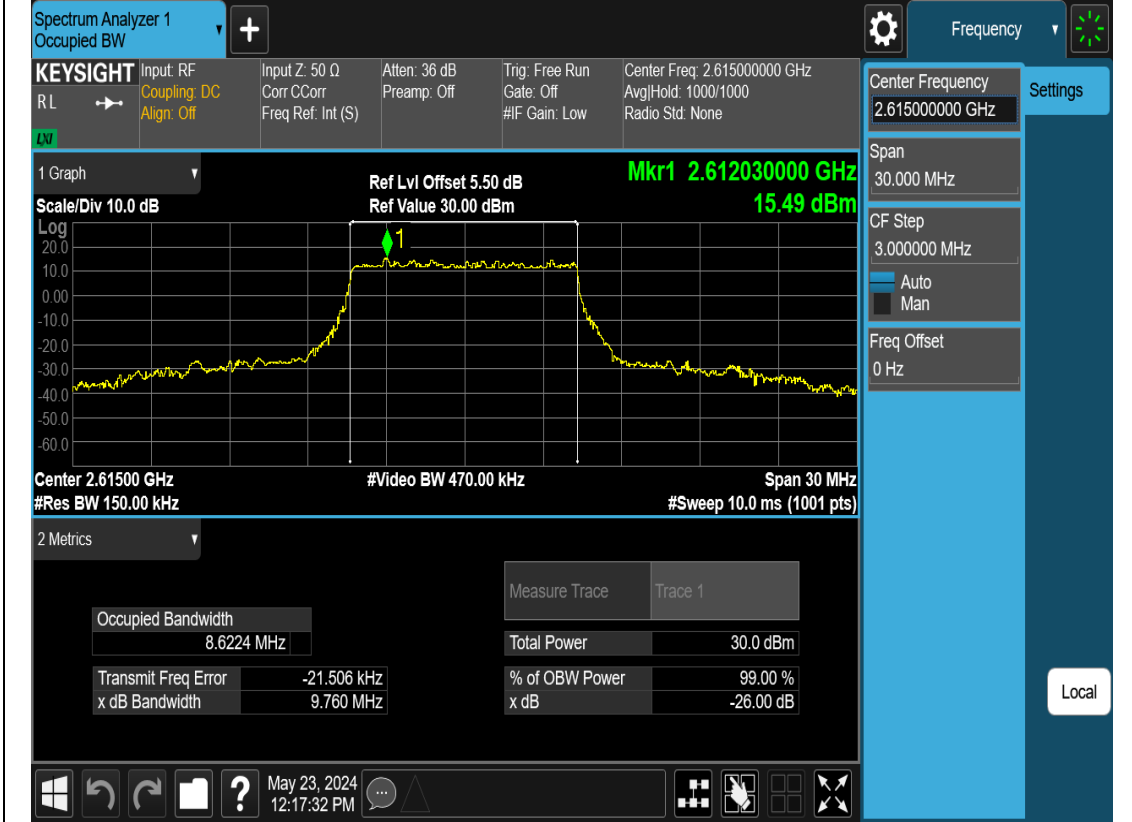
N38-10M-OBW-H-DFT-s-OFDM-QPSK



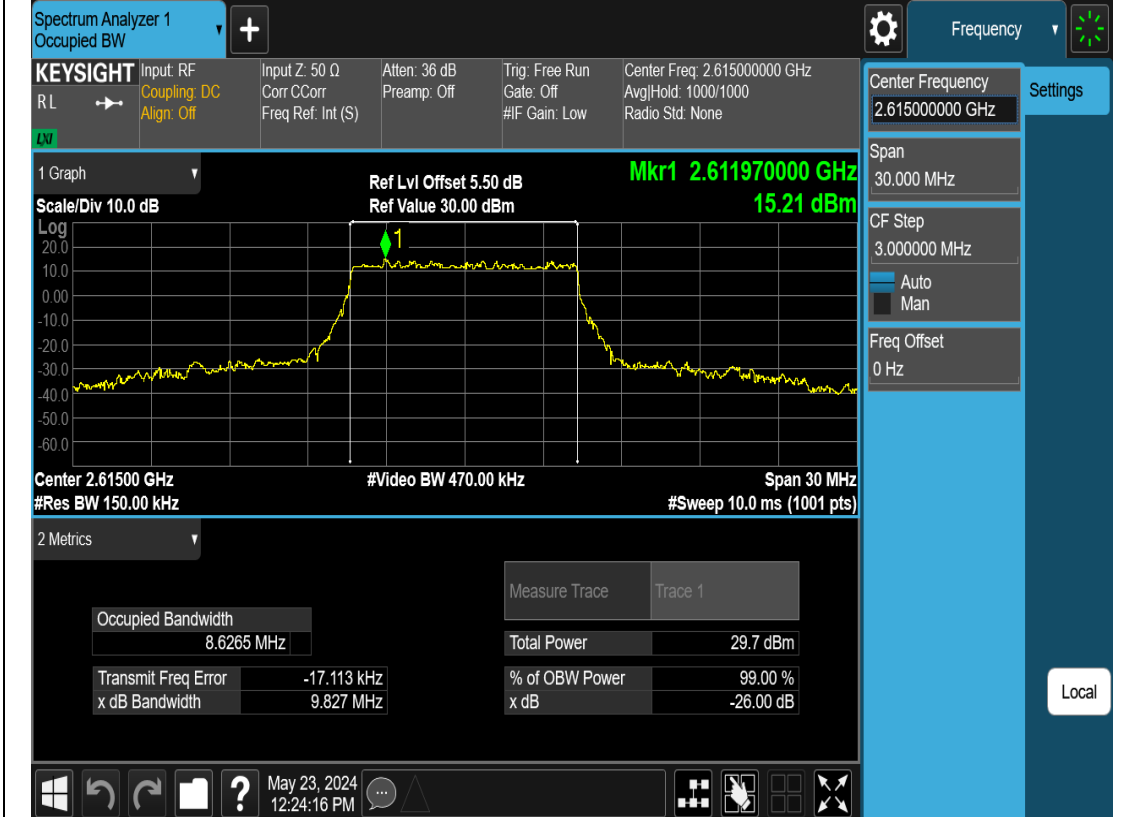
N38-10M-OBW-H-DFT-s-OFDM-16QAM



N38-10M-OBW-H-DFT-s-OFDM-64QAM



N38-10M-OBW-H-DFT-s-OFDM-256QAM



N38-10M-OBW-H-CP-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: 2.615000000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.615000000 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 2.611310000 GHz
12.45 dBm

Center 2.61500 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	8.6935 MHz	Total Power	28.2 dBm
Transmit Freq Error	-4.147 kHz	% of OBW Power	99.00 %
x dB Bandwidth	10.25 MHz	x dB	-26.00 dB

May 23, 2024
3:30:26 PM

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N38-10M-OBW-H-CP-OFDM-16QAM

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: 2.615000000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.615000000 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 2.612660000 GHz
12.52 dBm

Center 2.61500 GHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

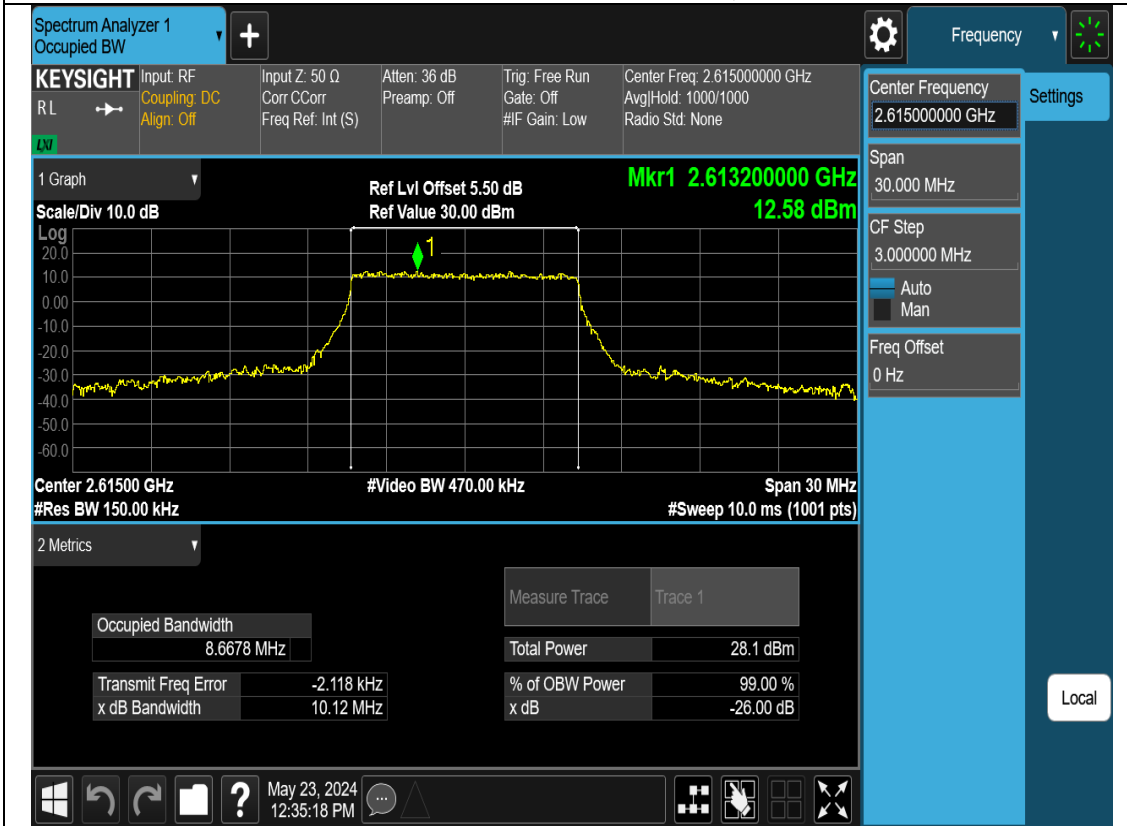
2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	8.6533 MHz	Total Power	28.0 dBm
Transmit Freq Error	-6.653 kHz	% of OBW Power	99.00 %
x dB Bandwidth	10.10 MHz	x dB	-26.00 dB

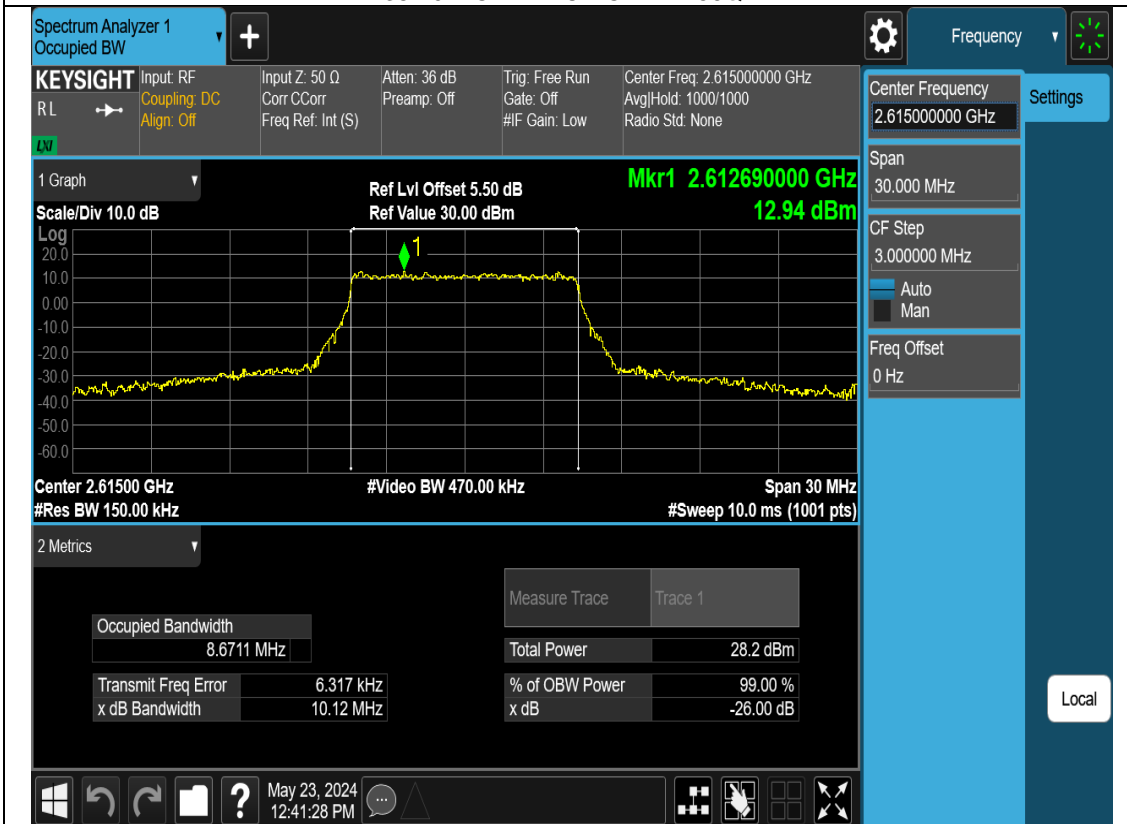
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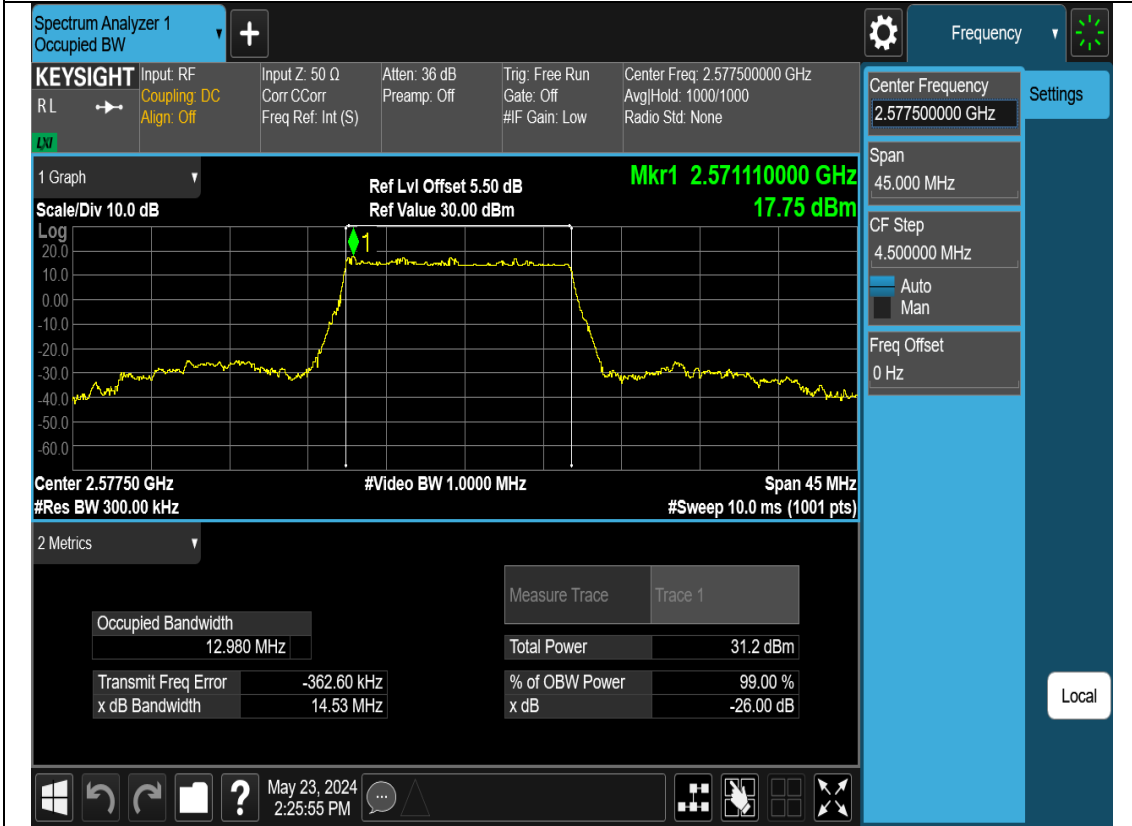
N38-10M-OBW-H-CP-OFDM-64QAM



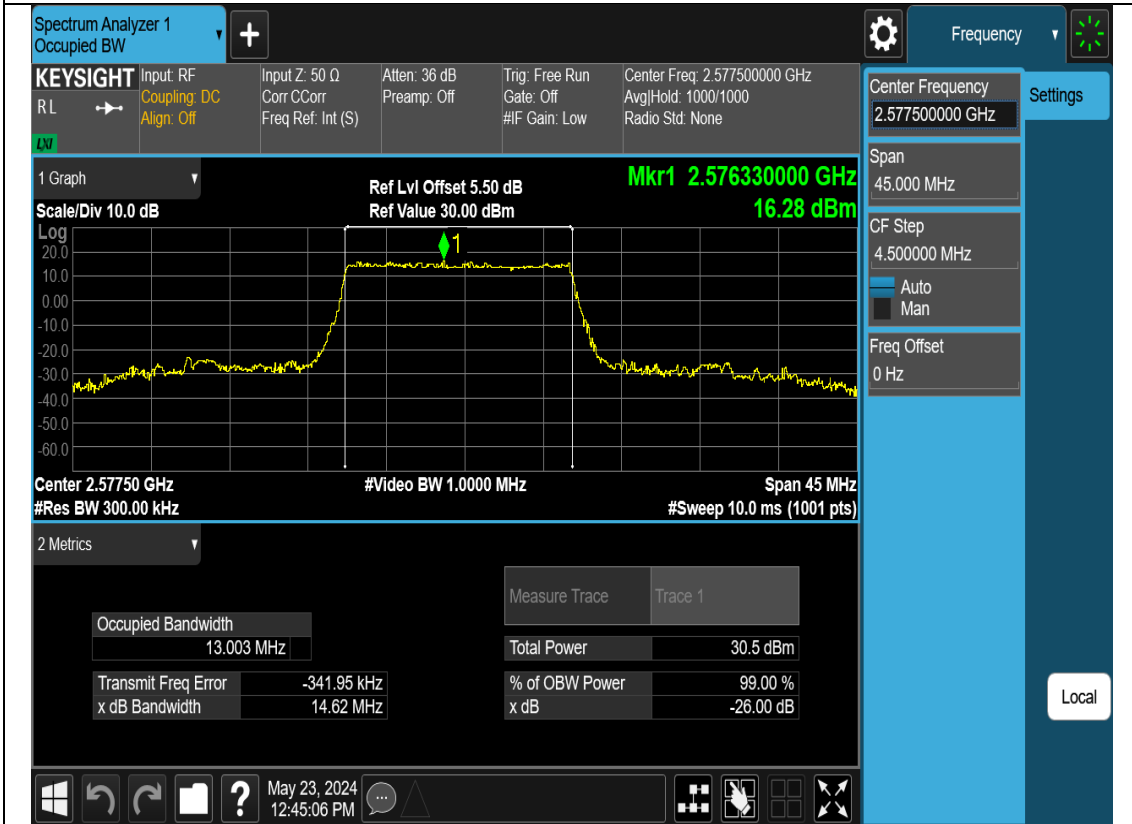
N38-10M-OBW-H-CP-OFDM-256QAM



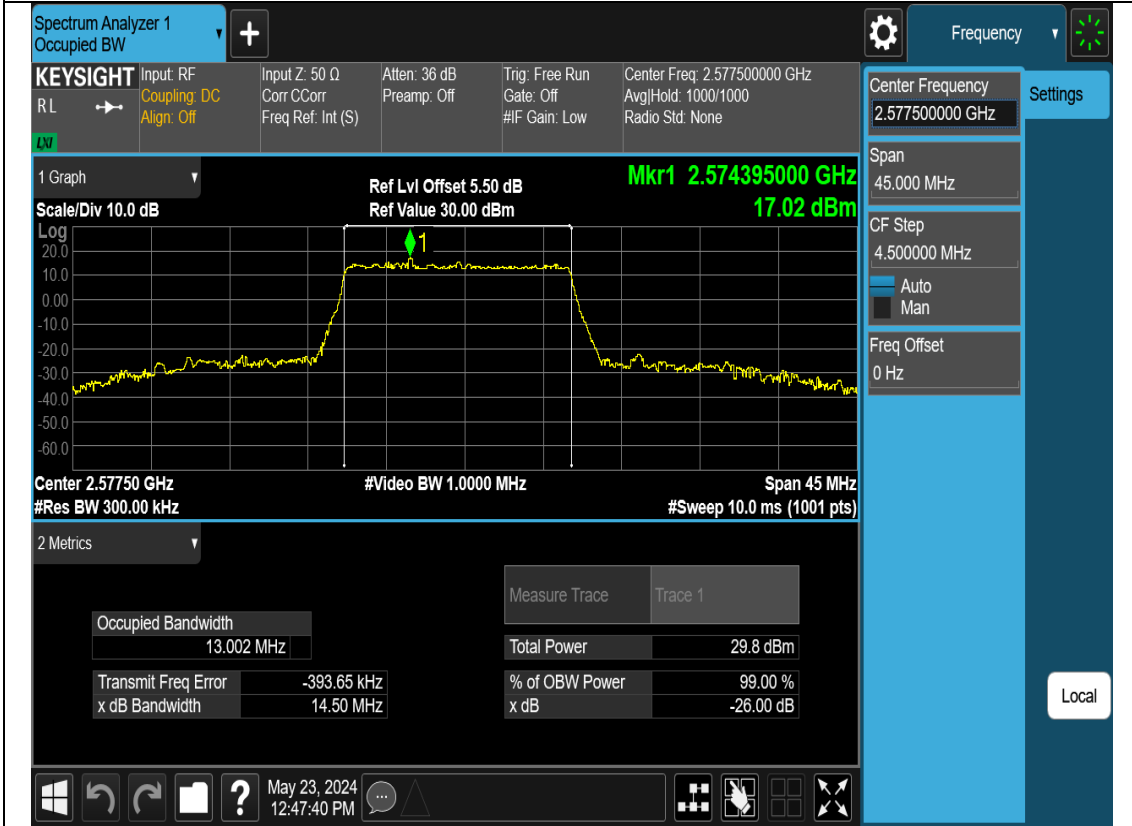
N38-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



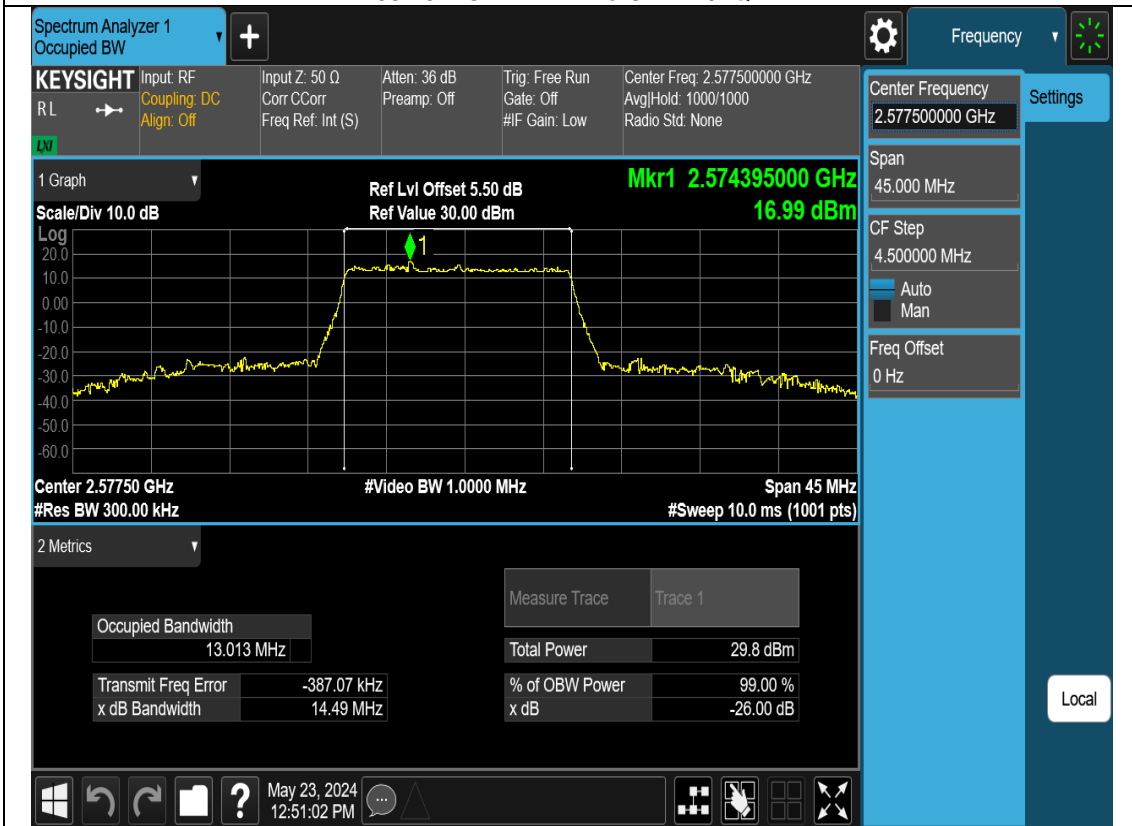
N38-15M-OBW-L-DFT-s-OFDM-QPSK



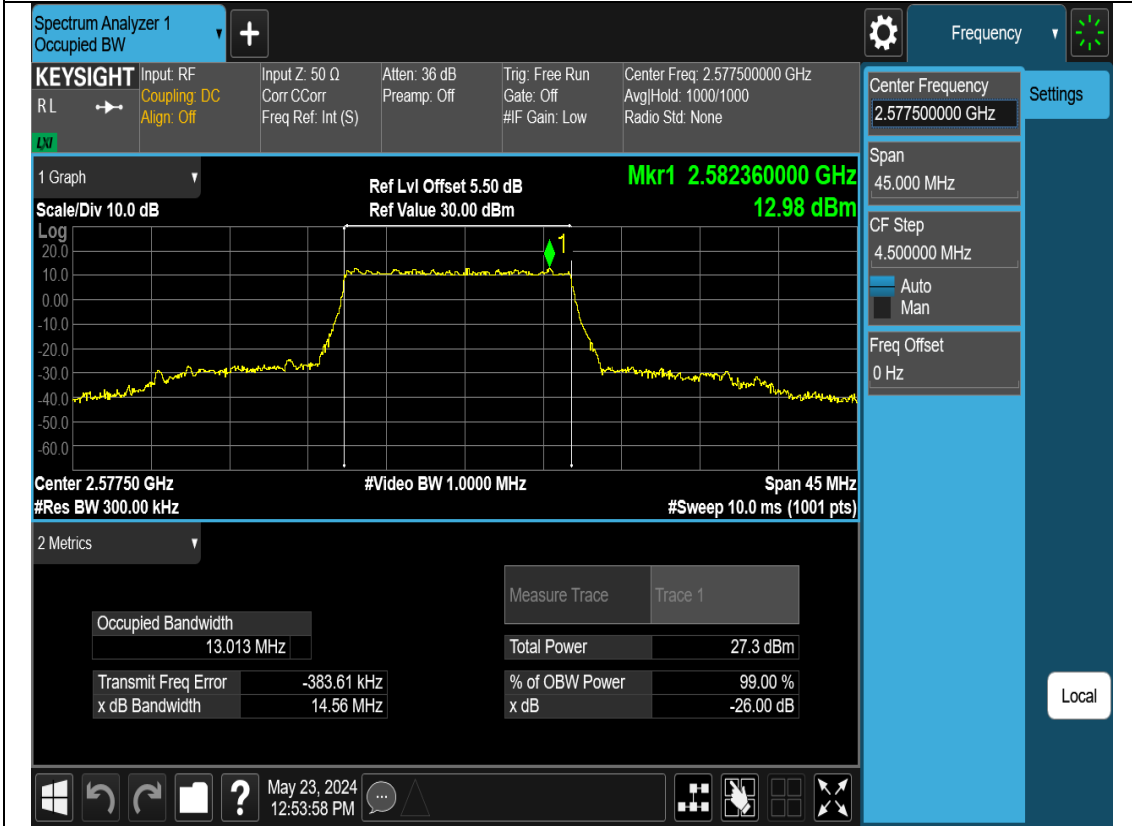
N38-15M-OBW-L-DFT-s-OFDM-16QAM



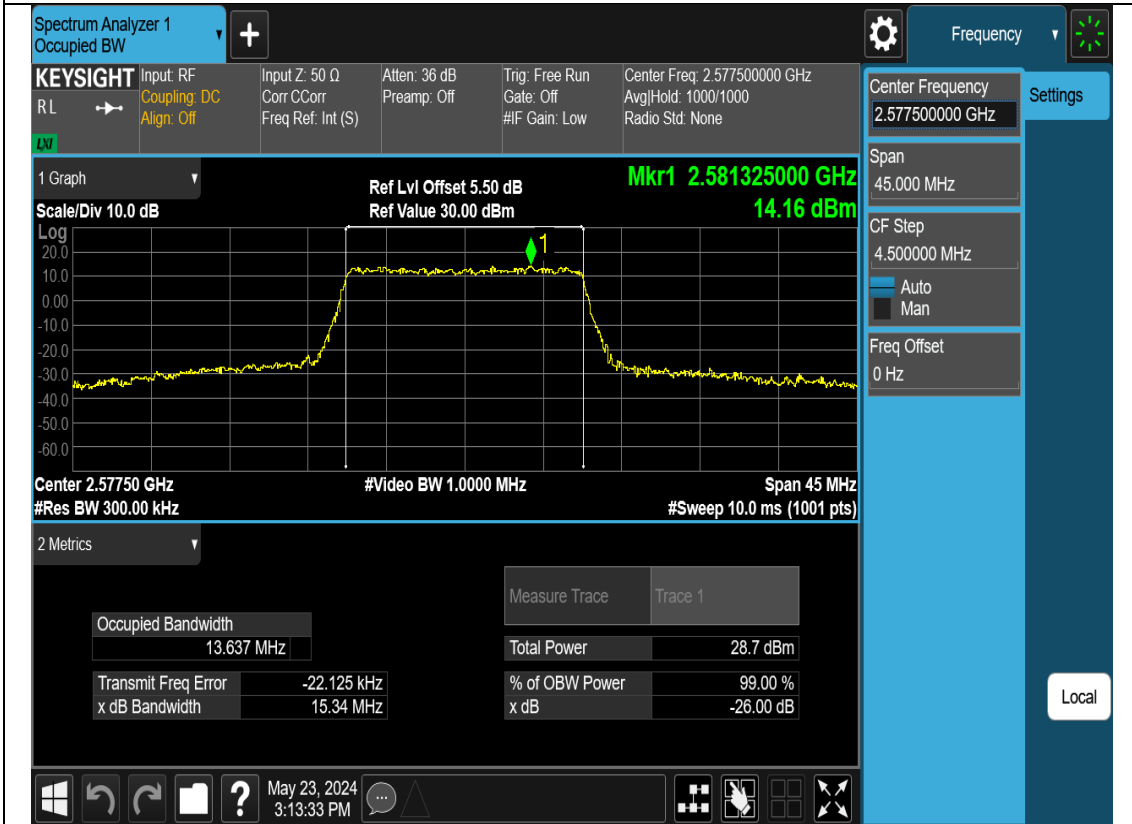
N38-15M-OBW-L-DFT-s-OFDM-64QAM



N38-15M-OBW-L-DFT-s-OFDM-256QAM



N38-15M-OBW-L-CP-OFDM-QPSK



N38-15M-OBW-L-CP-OFDM-16QAM

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: 2.57750000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.57750000 GHz

Span: 45.000 MHz

CF Step: 4.500000 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 2.577995000 GHz
14.46 dBm

Center 2.57750 GHz
#Res BW 300.00 kHz
#Video BW 1.0000 MHz
Span 45 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	13.697 MHz	Total Power	28.7 dBm
Transmit Freq Error	-11.657 kHz	% of OBW Power	99.00 %
x dB Bandwidth	15.47 MHz	x dB	-26.00 dB

May 23, 2024
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N38-15M-OBW-L-CP-OFDM-64QAM

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: 2.57750000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.57750000 GHz

Span: 45.000 MHz

CF Step: 4.500000 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 2.579795000 GHz
14.65 dBm

Center 2.57750 GHz
#Res BW 300.00 kHz
#Video BW 1.0000 MHz
Span 45 MHz
#Sweep 10.0 ms (1001 pts)

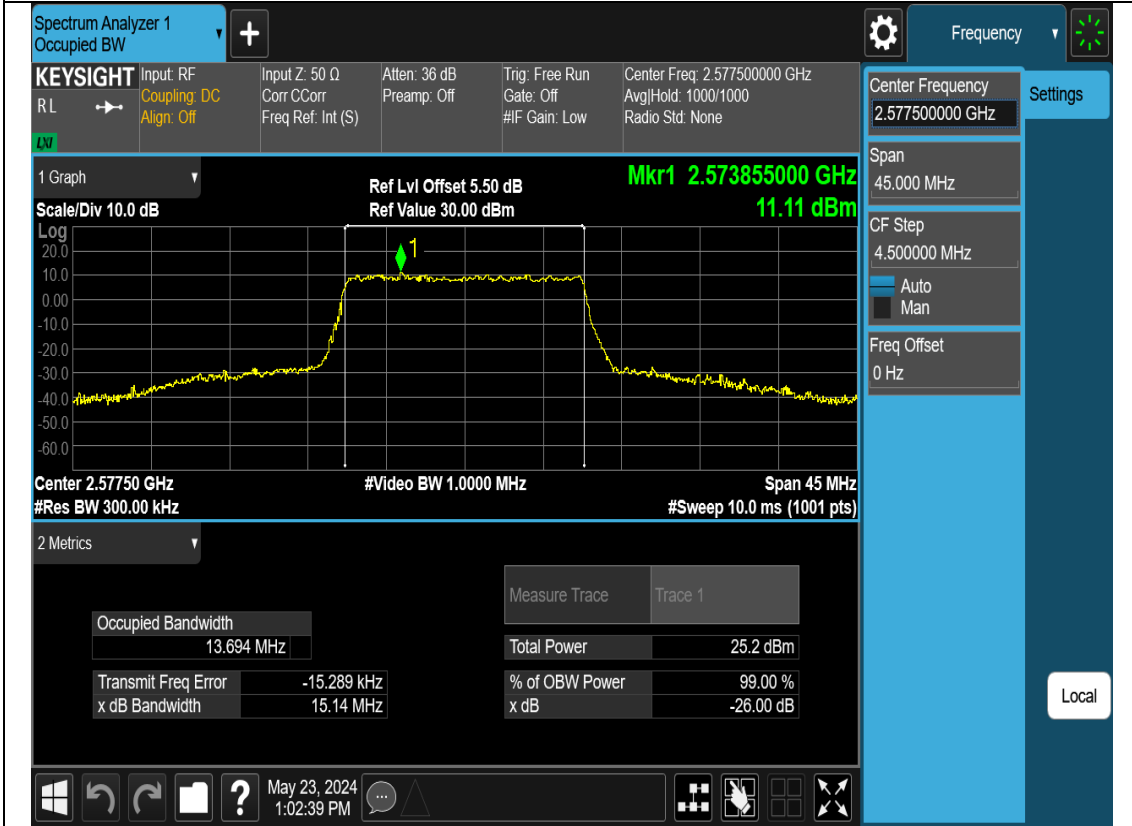
2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	13.704 MHz	Total Power	28.3 dBm
Transmit Freq Error	-960 Hz	% of OBW Power	99.00 %
x dB Bandwidth	15.03 MHz	x dB	-26.00 dB

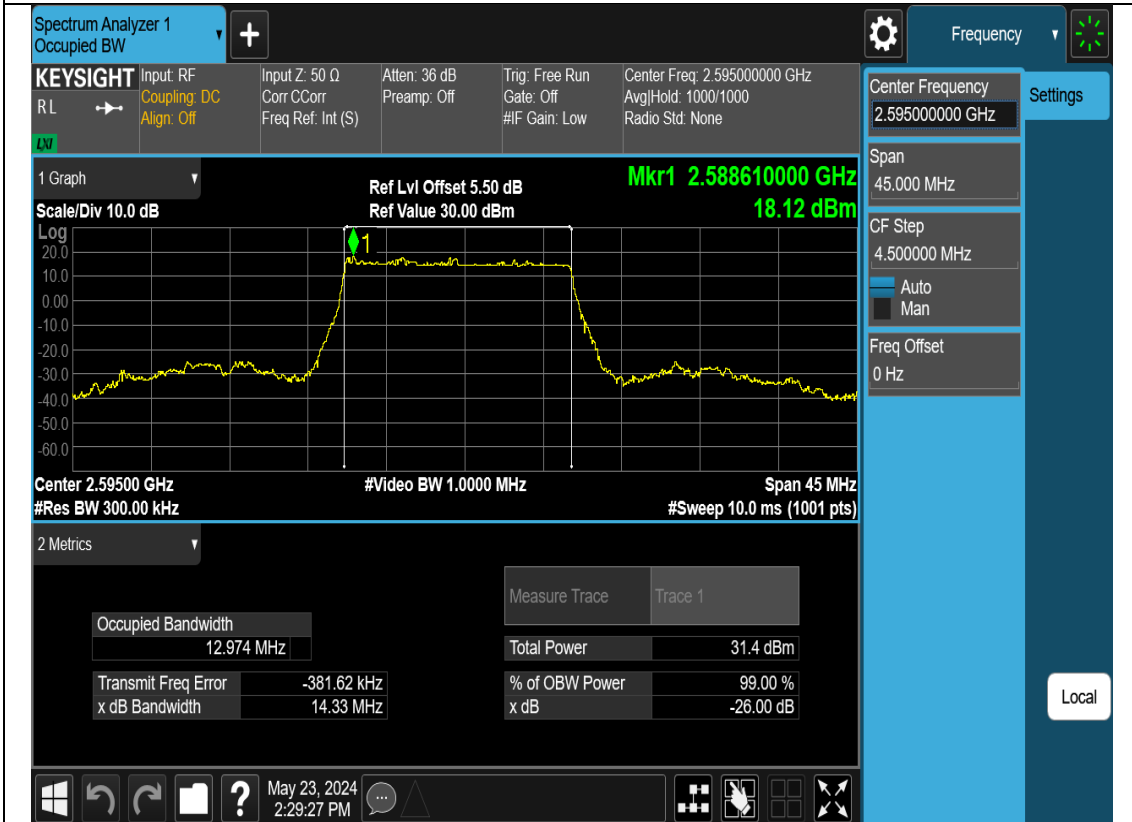
May 23, 2024
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Local

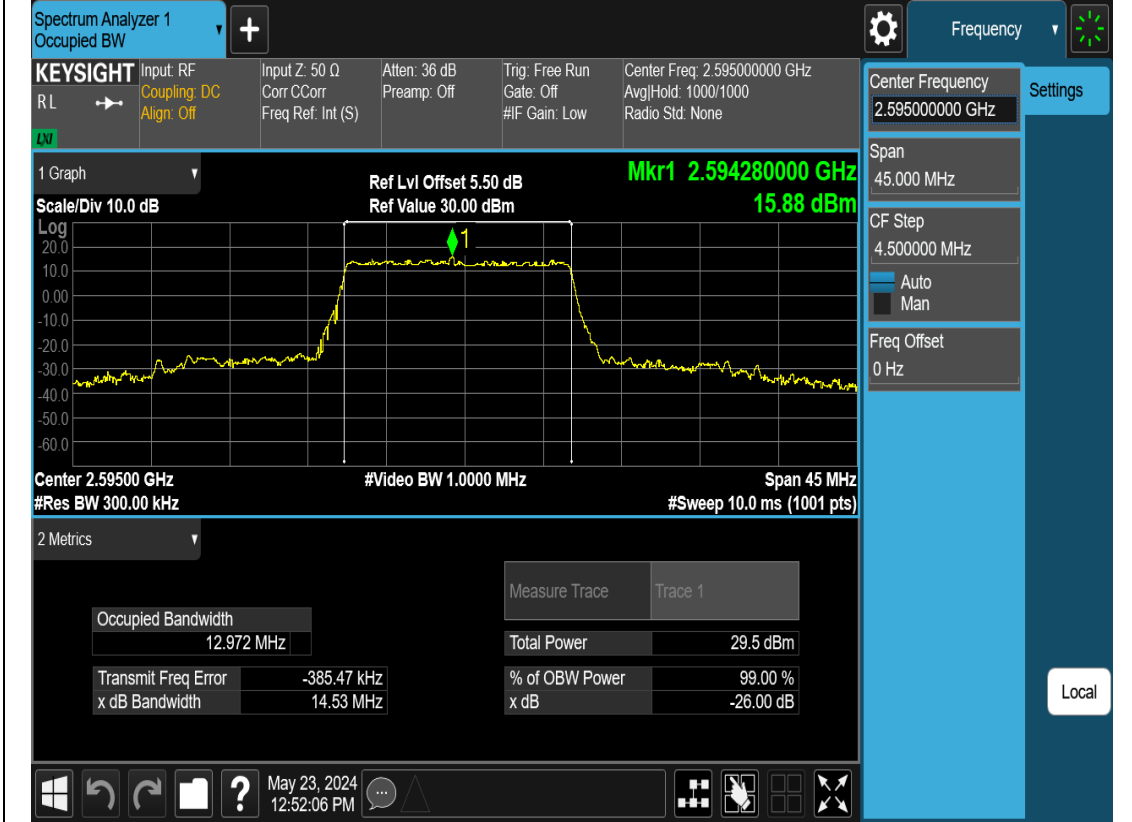
N38-15M-OBW-L-CP-OFDM-256QAM



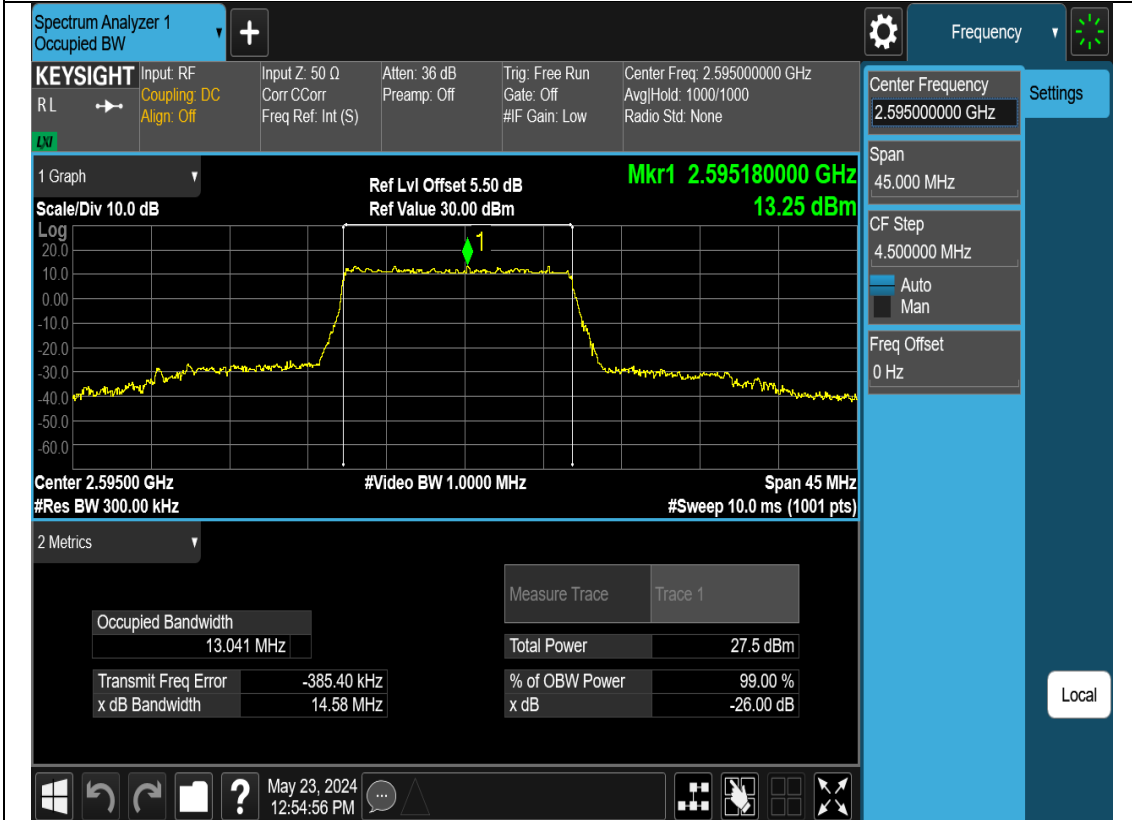
N38-15M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N38-15M-OBW-M-DFT-s-OFDM-64QAM



N38-15M-OBW-M-DFT-s-OFDM-256QAM



N38-15M-OBW-M-CP-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: 2.59500000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.59500000 GHz

Span: 45.000 MHz

CF Step: 4.500000 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 2.598735000 GHz
13.96 dBm

Center 2.59500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 45 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	13.621 MHz	Total Power	28.4 dBm
Transmit Freq Error	-24.982 kHz	% of OBW Power	99.00 %
x dB Bandwidth	15.09 MHz	x dB	-26.00 dB

May 23, 2024 3:17:05 PM

N38-15M-OBW-M-CP-OFDM-16QAM

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: 2.59500000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.59500000 GHz

Span: 45.000 MHz

CF Step: 4.500000 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 2.591445000 GHz
15.34 dBm

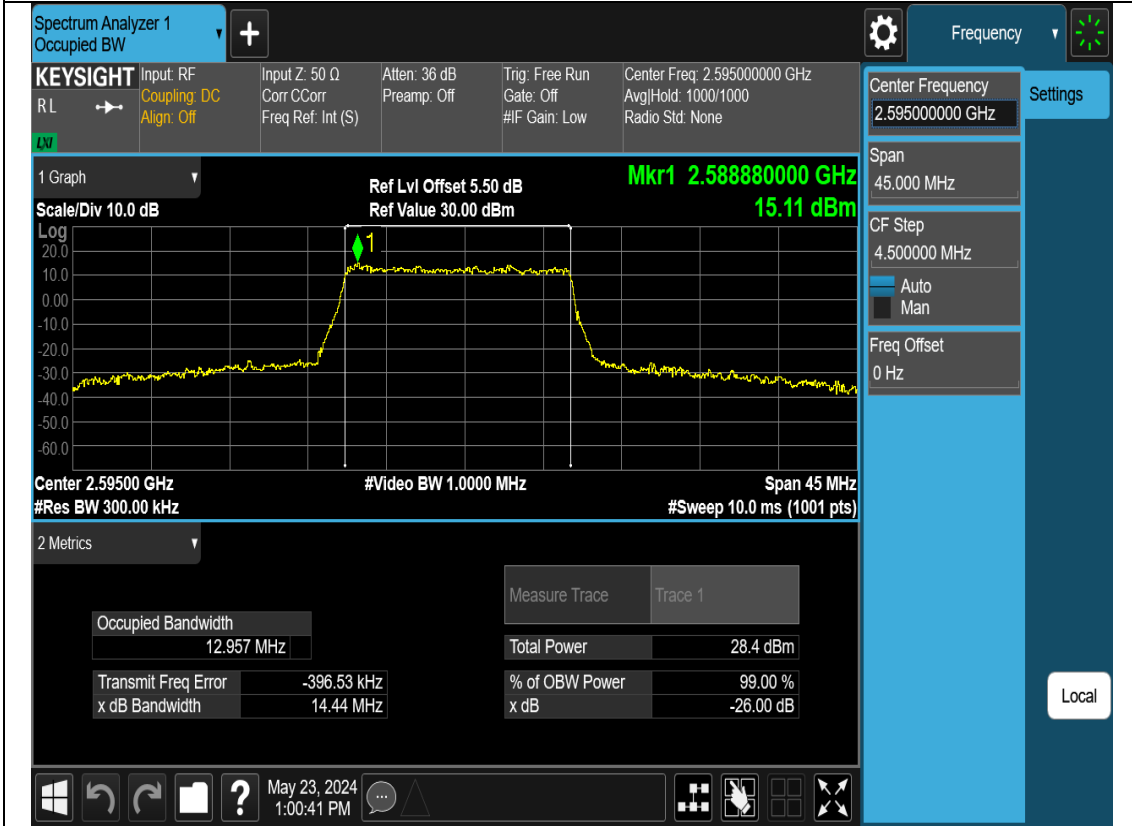
Center 2.59500 GHz #Res BW 300.00 kHz #Video BW 1.0000 MHz Span 45 MHz #Sweep 10.0 ms (1001 pts)

2 Metrics

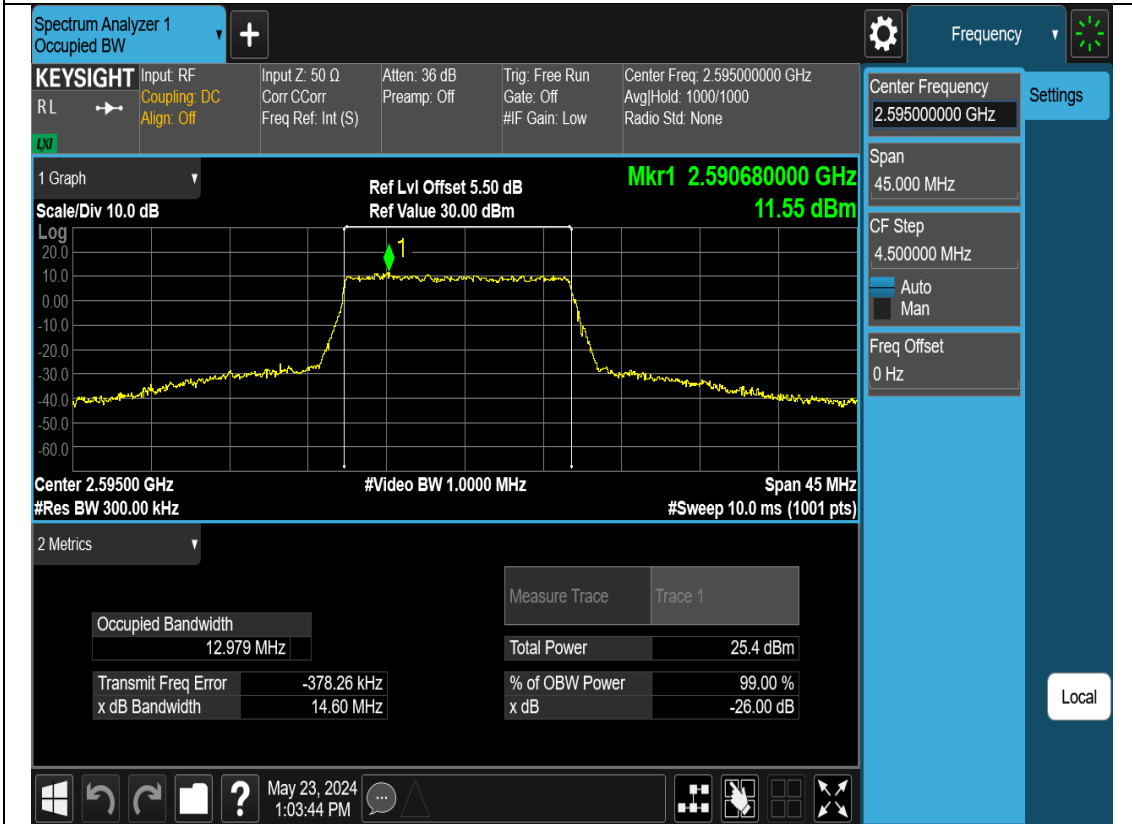
Measure Trace		Trace 1	
Occupied Bandwidth	12.916 MHz	Total Power	29.3 dBm
Transmit Freq Error	-371.08 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.59 MHz	x dB	-26.00 dB

May 23, 2024 12:57:50 PM

N38-15M-OBW-M-CP-OFDM-64QAM



N38-15M-OBW-M-CP-OFDM-256QAM



N38-15M-OBW-H-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: 2.61250000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.61250000 GHz

Span: 45.000 MHz

CF Step: 4.500000 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 2.606155000 GHz
18.28 dBm

Center 2.61250 GHz
#Res BW 300.00 kHz
#Video BW 1.0000 MHz
Span 45 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

Occupied Bandwidth	12.959 MHz	Total Power	31.6 dBm
Transmit Freq Error	-406.40 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.53 MHz	x dB	-26.00 dB

May 23, 2024
2:31:37 PM

N38-15M-OBW-H-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: 2.61250000 GHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 2.61250000 GHz

Span: 45.000 MHz

CF Step: 4.500000 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 2.606425000 GHz
16.89 dBm

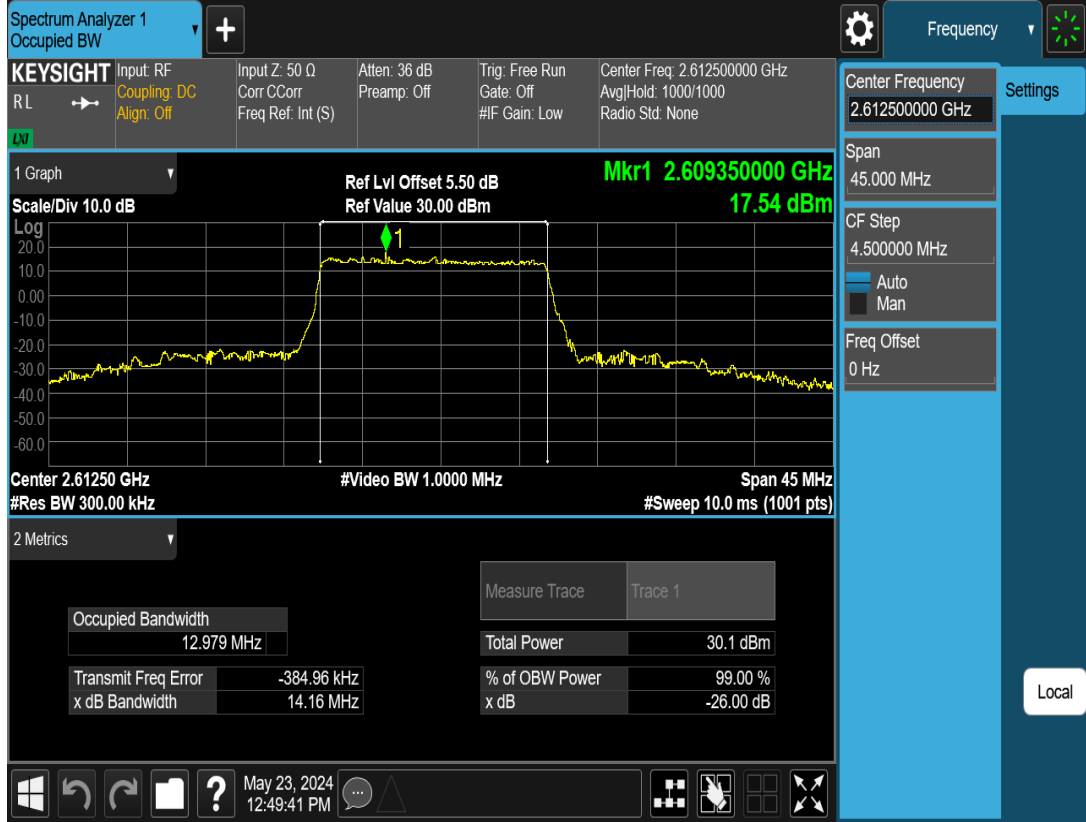
Center 2.61250 GHz
#Res BW 300.00 kHz
#Video BW 1.0000 MHz
Span 45 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

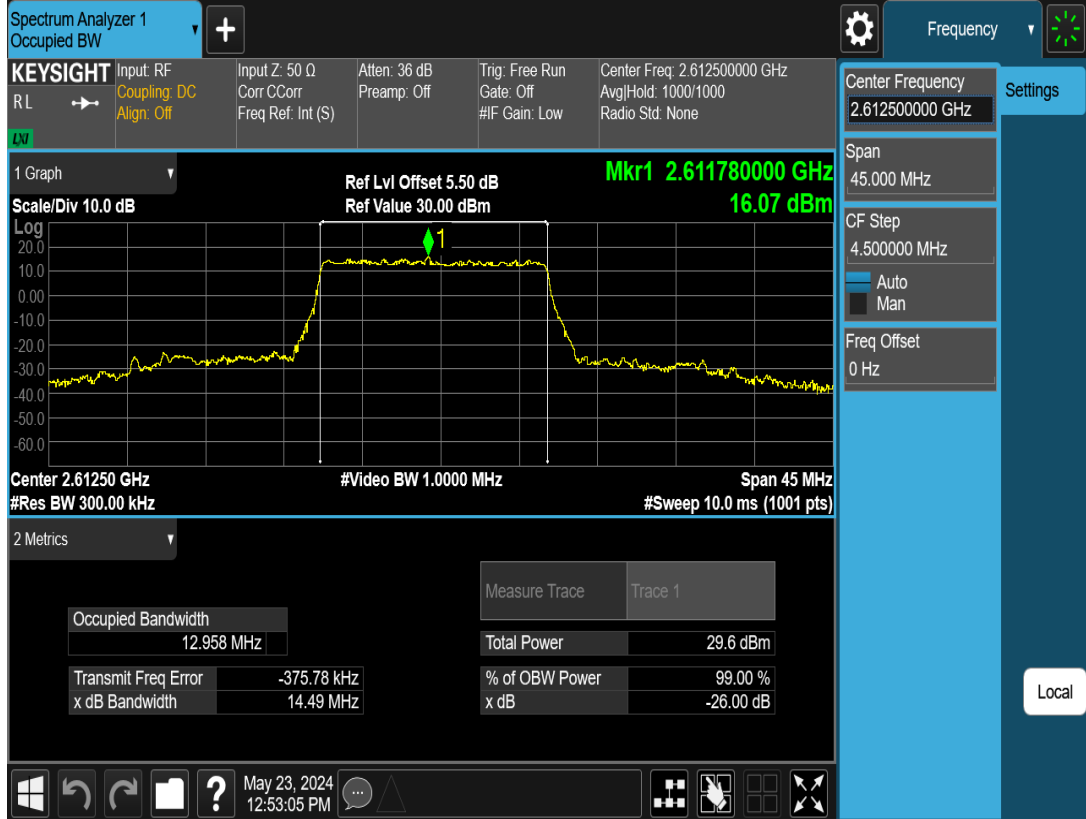
Occupied Bandwidth	12.985 MHz	Total Power	31.0 dBm
Transmit Freq Error	-367.74 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.77 MHz	x dB	-26.00 dB

May 23, 2024
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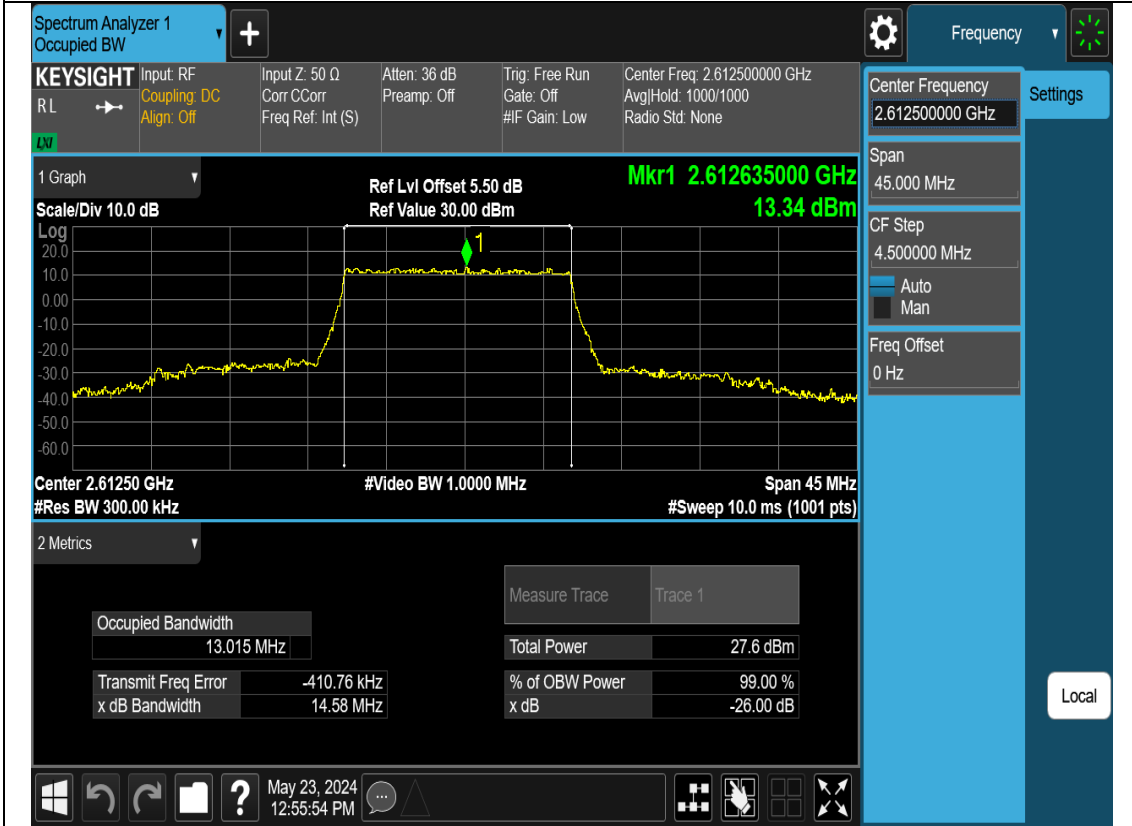
N38-15M-OBW-H-DFT-s-OFDM-16QAM



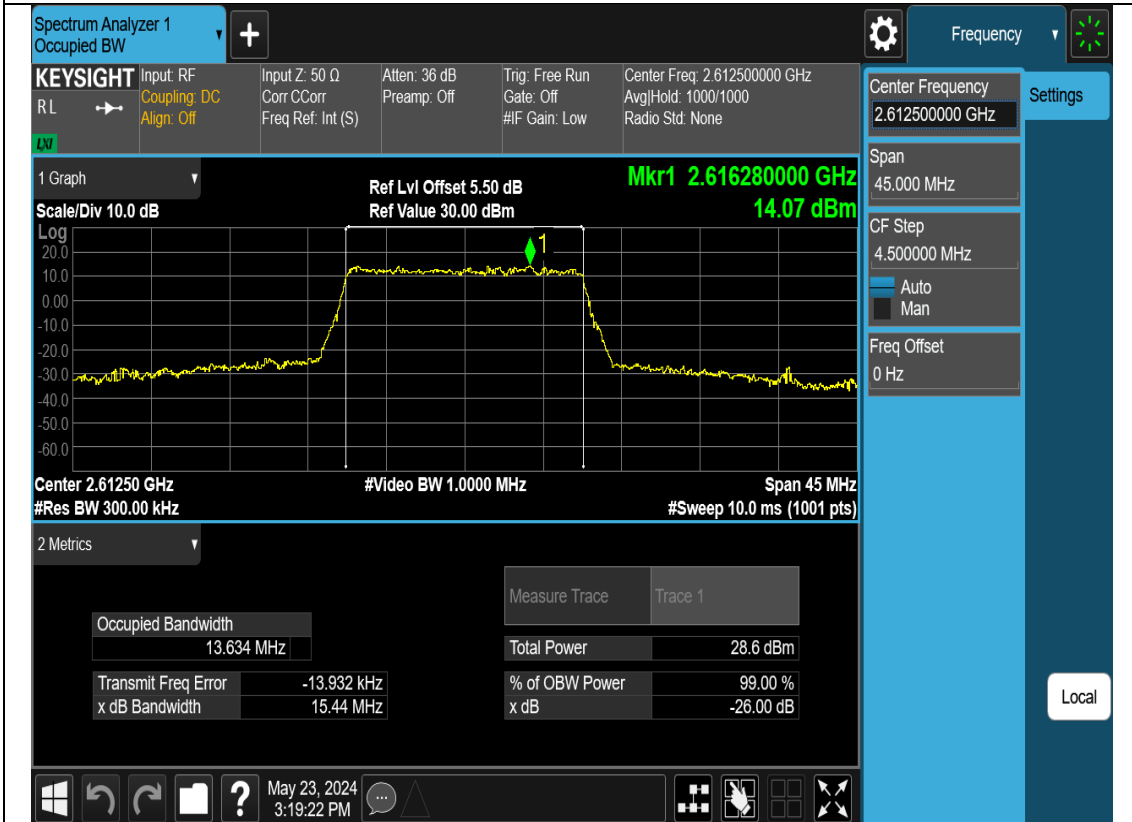
N38-15M-OBW-H-DFT-s-OFDM-64QAM



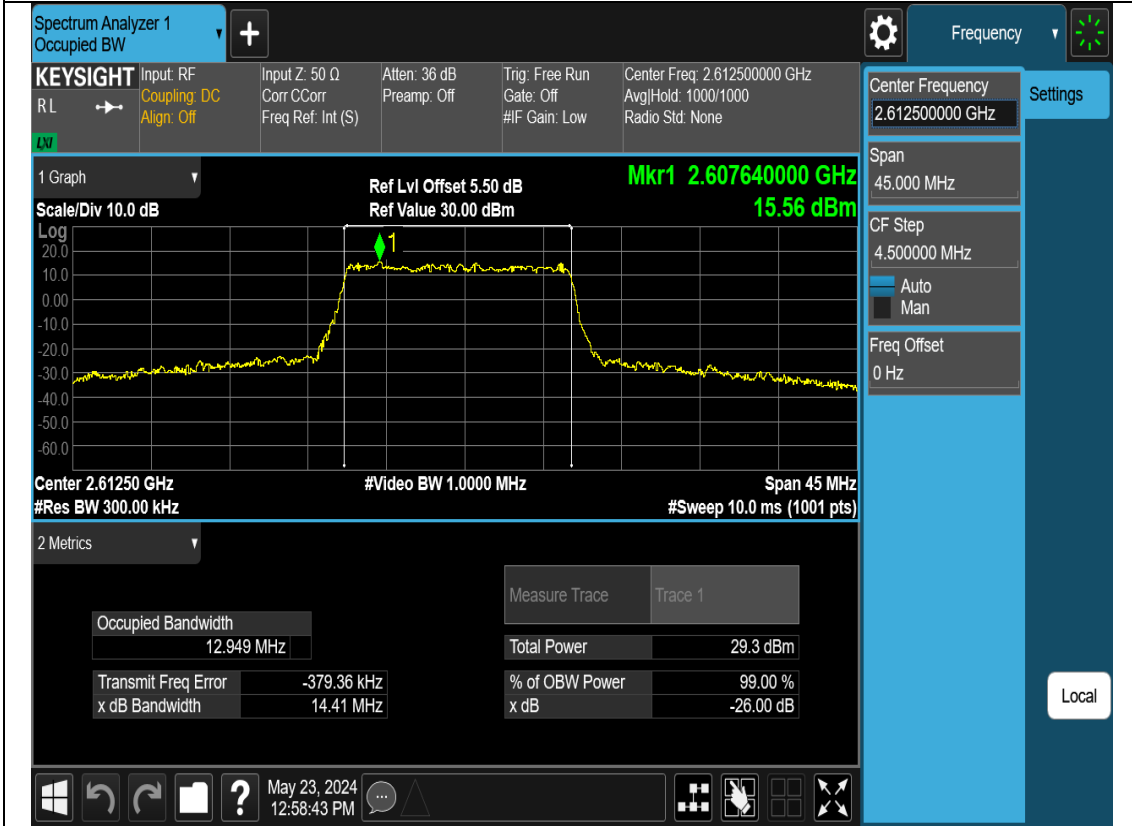
N38-15M-OBW-H-DFT-s-OFDM-256QAM



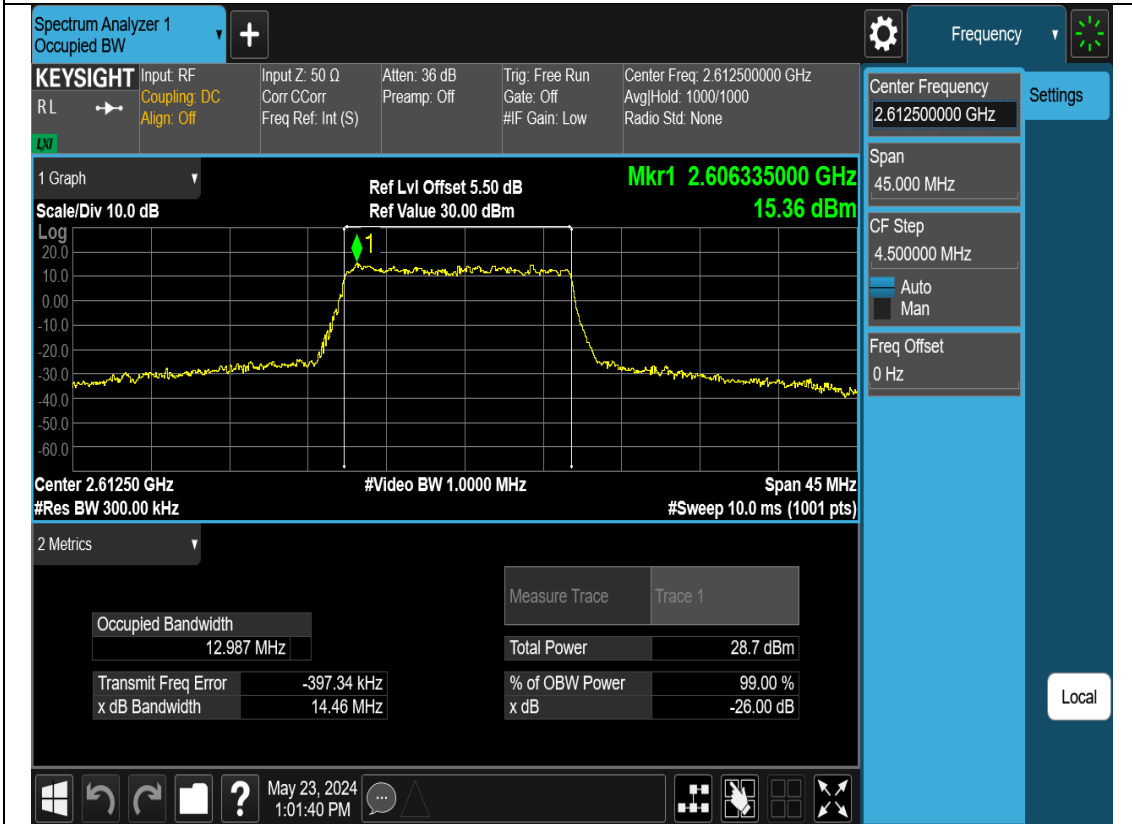
N38-15M-OBW-H-CP-OFDM-QPSK



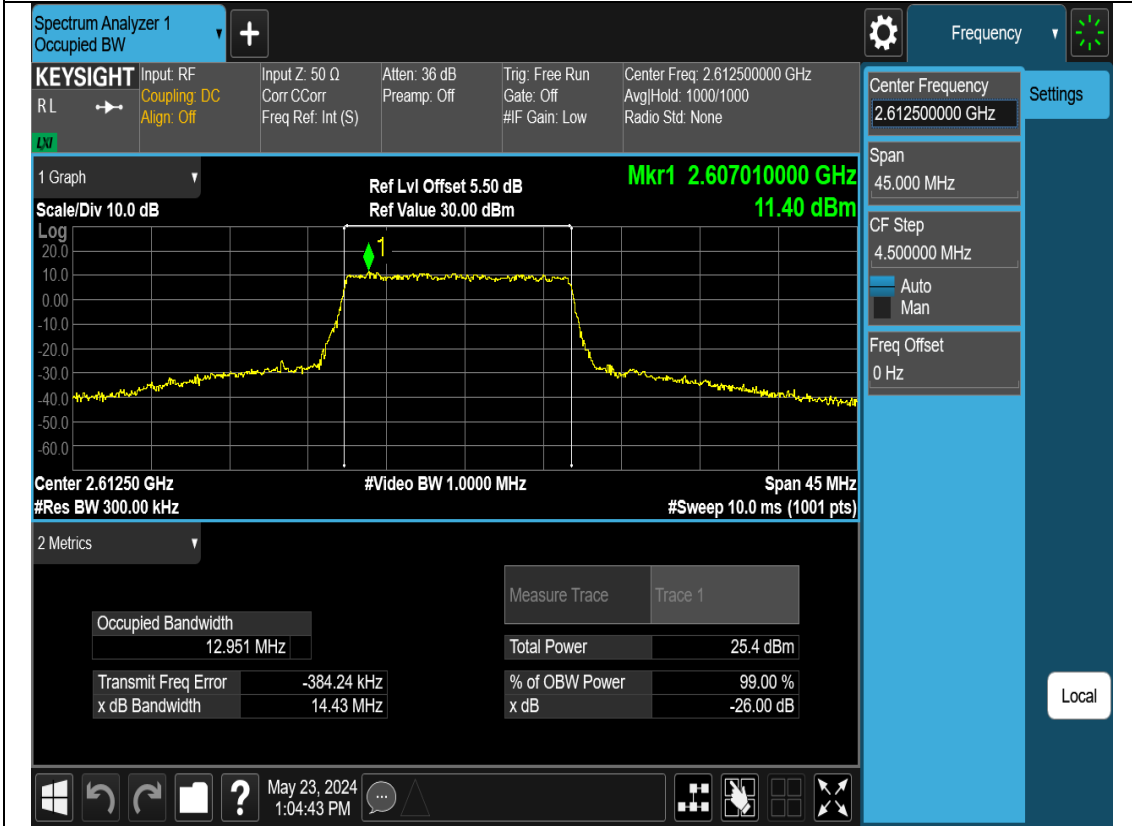
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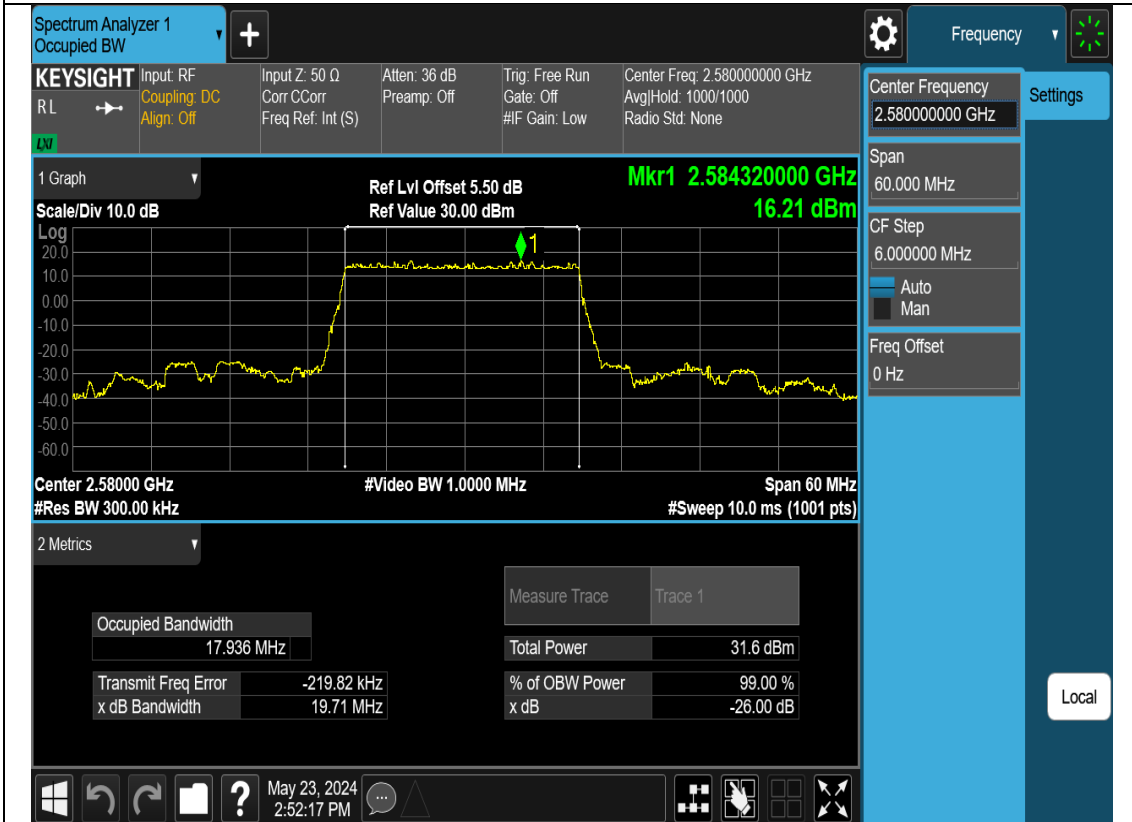
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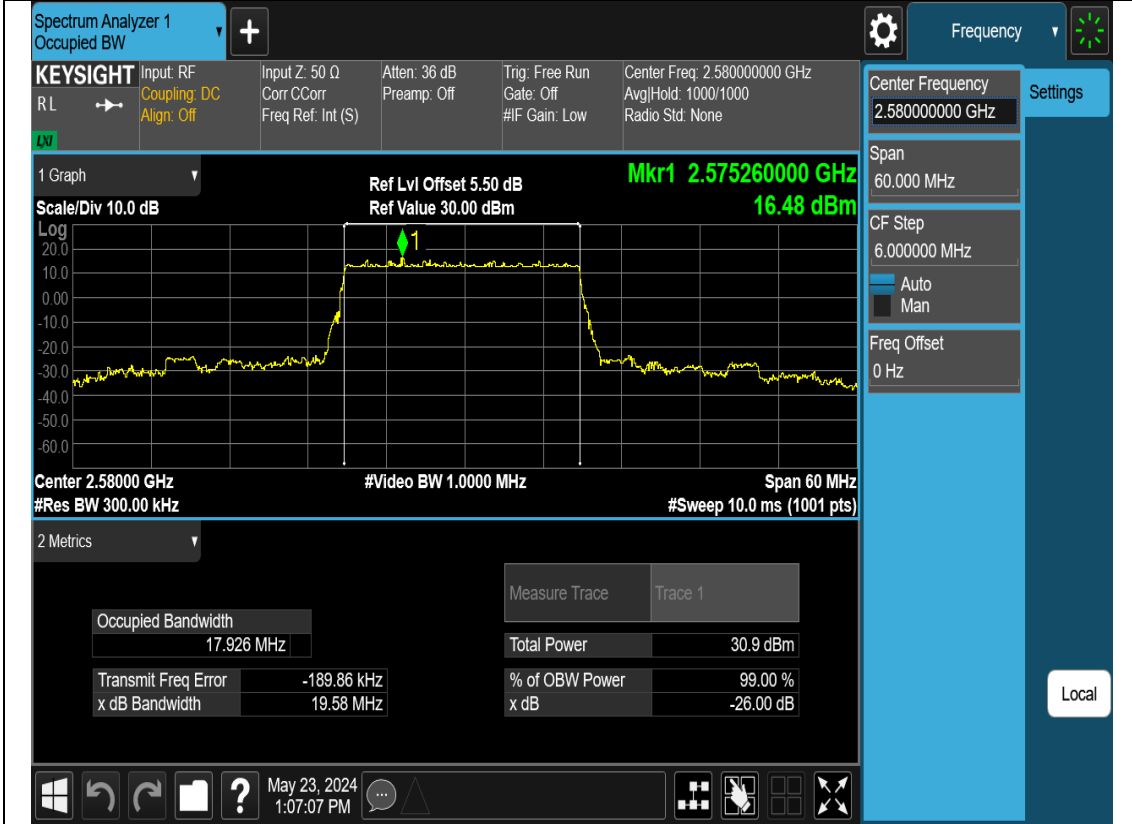
N38-15M-OBW-H-CP-OFDM-256QAM



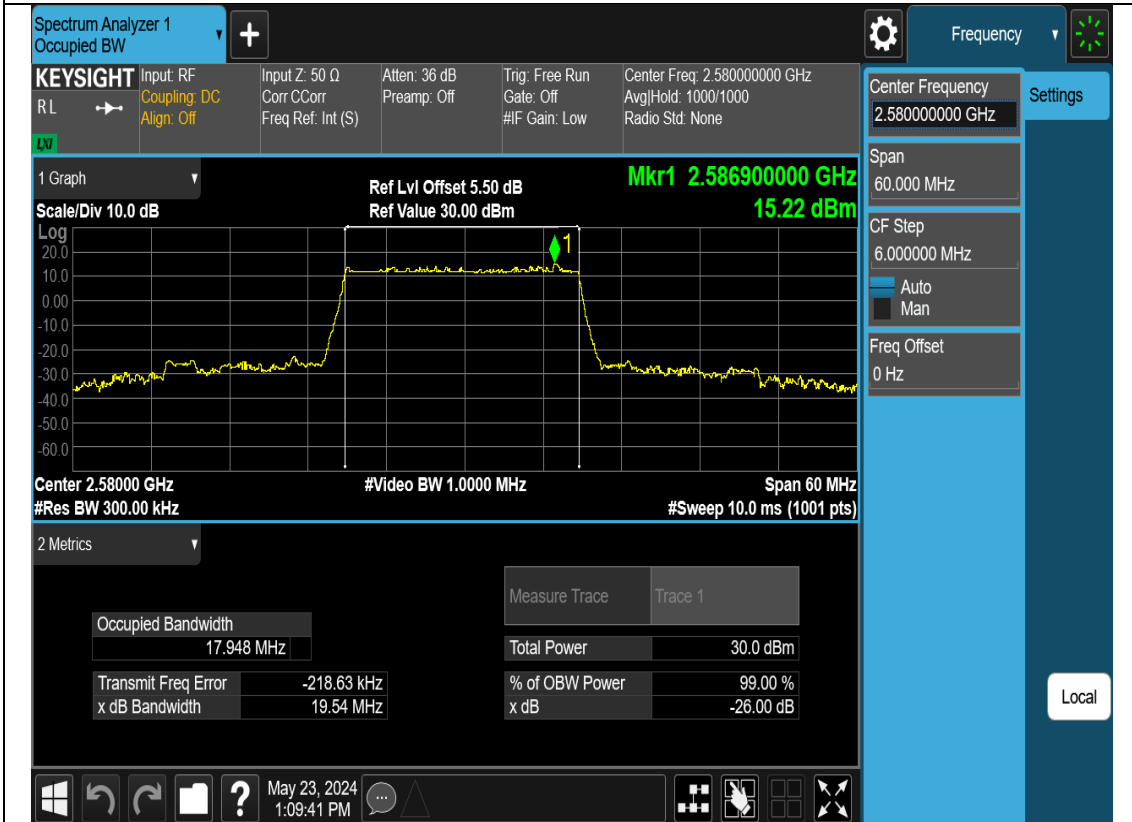
N38-20M-OBW-L-DFT-s-OFDM-Pi2 BPSK



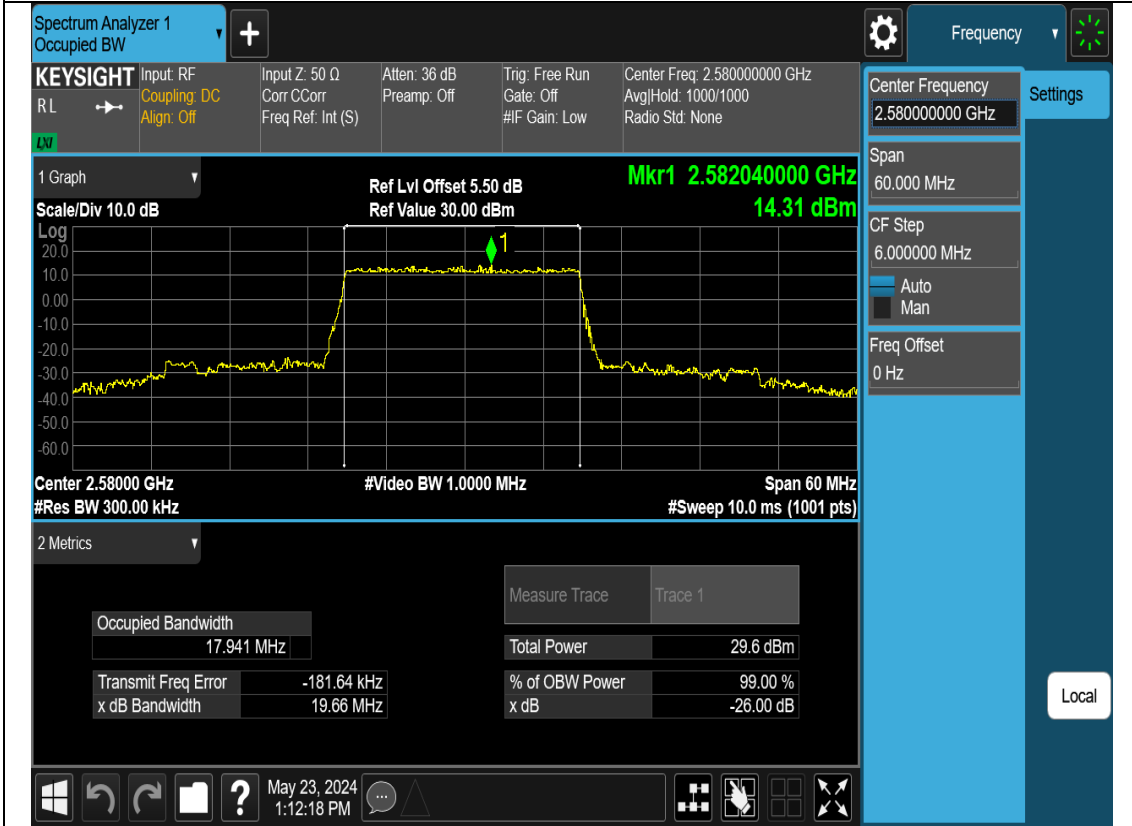
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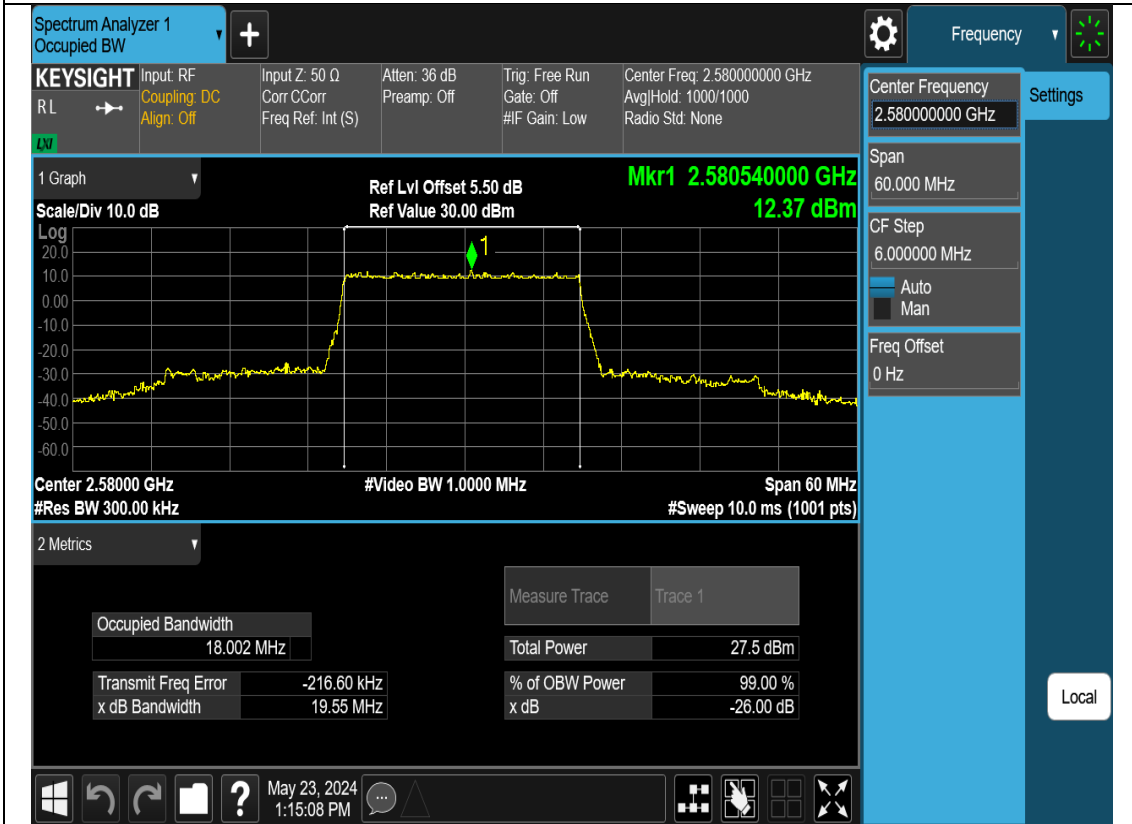
N38-20M-OBW-L-DFT-s-OFDM-16QAM



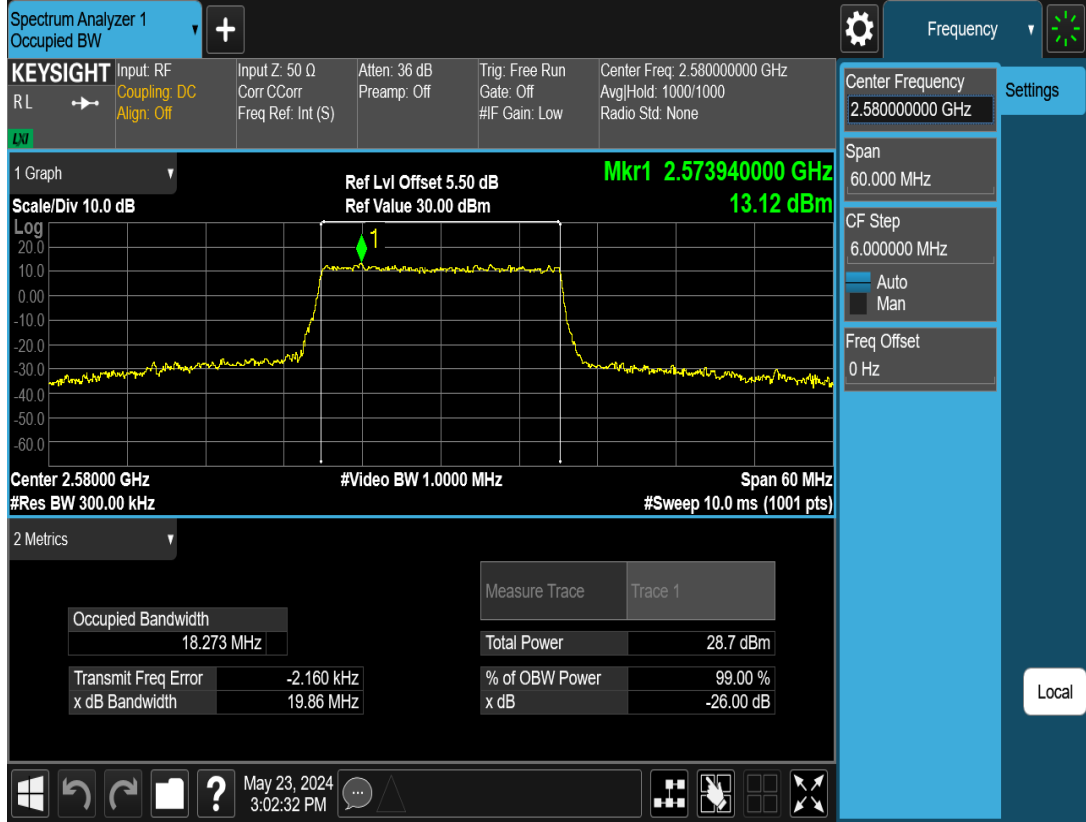
N38-20M-OBW-L-DFT-s-OFDM-64QAM



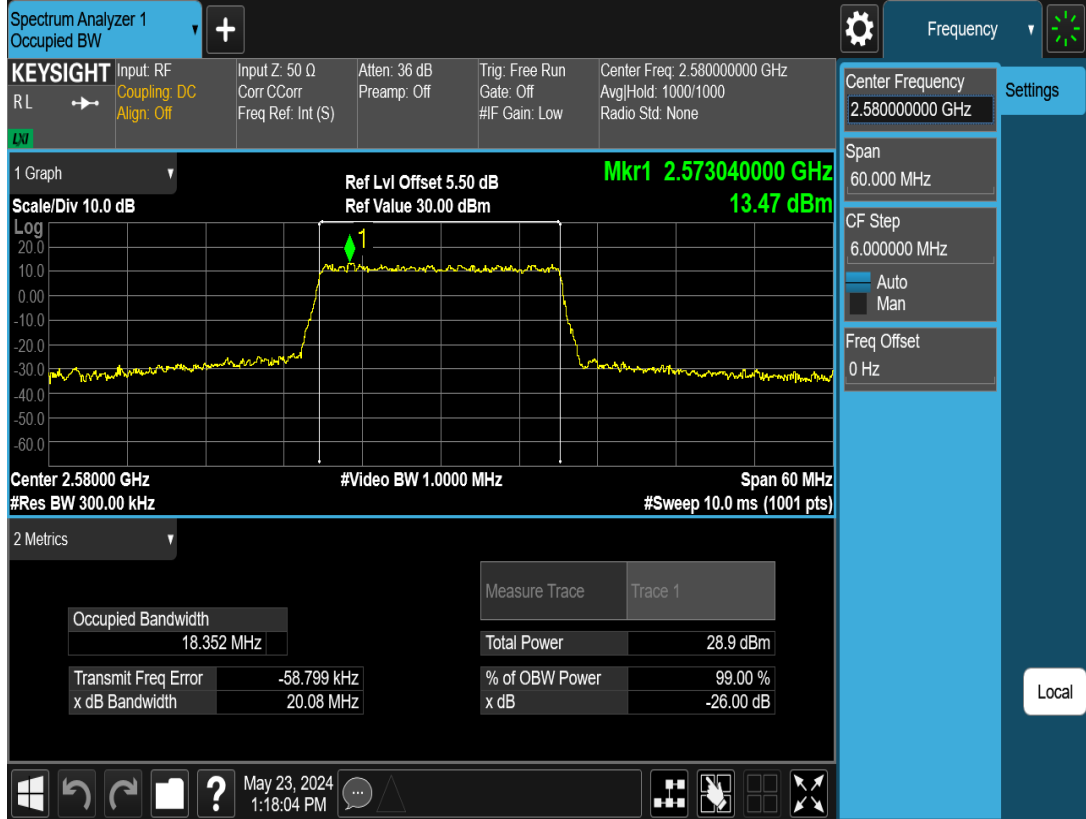
N38-20M-OBW-L-DFT-s-OFDM-256QAM



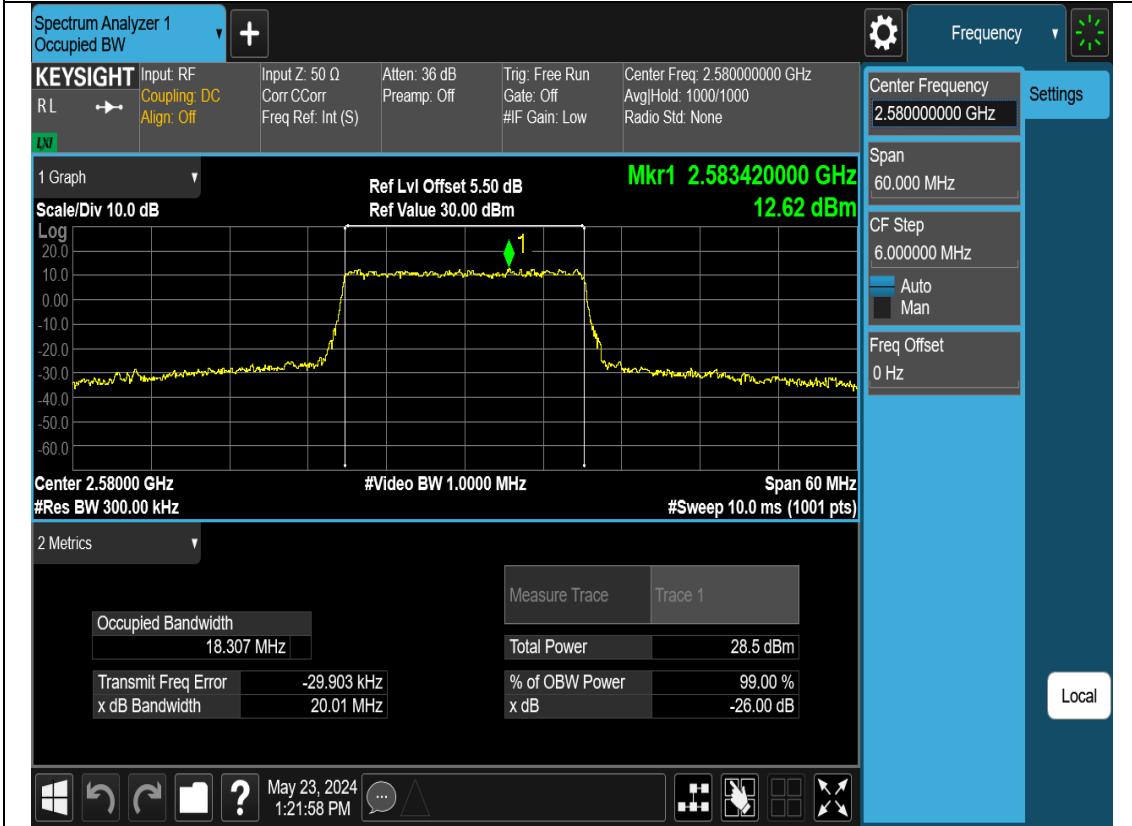
N38-20M-OBW-L-CP-OFDM-QPSK



N38-20M-OBW-L-CP-OFDM-16QAM



N38-20M-OBW-L-CP-OFDM-64QAM



N38-20M-OBW-L-CP-OFDM-256QAM

