

N26b(824-849MHz)-20M-PAPR-L-CP-OFDM-16QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input: RF Coupling: DC Align: Off

Input Z: 50 Ω Atten: 40 dB Trig: RF Burst Center Freq: 834.000000 MHz
Corr CCorr Preamp: Off #F Gain: Low Counts: 10.0 M/10.0 Mpt
Freq Ref: Int (S) Radio Std: None

Center Frequency: 834.000000 MHz
CF Step: 5.000000 MHz
Freq Offset: 0 Hz

1 Metrics

Average Power	
22.05 dBm	
36.54 % at 0 dB	
10.0 %	3.69 dB
1.0 %	6.63 dB
0.1 %	7.61 dB
0.01 %	7.85 dB
0.001 %	8.00 dB
0.0001 %	8.05 dB
Peak	
8.11 dB	
30.16 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 22, 2024 2:34:36 PM

Local

N26b(824-849MHz)-20M-PAPR-L-CP-OFDM-64QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input: RF Coupling: DC Align: Off

Input Z: 50 Ω Atten: 40 dB Trig: RF Burst Center Freq: 834.000000 MHz
Corr CCorr Preamp: Off #F Gain: Low Counts: 10.0 M/10.0 Mpt
Freq Ref: Int (S) Radio Std: None

Center Frequency: 834.000000 MHz
CF Step: 5.000000 MHz
Freq Offset: 0 Hz

1 Metrics

Average Power	
21.42 dBm	
36.82 % at 0 dB	
10.0 %	3.67 dB
1.0 %	6.52 dB
0.1 %	7.35 dB
0.01 %	7.56 dB
0.001 %	7.65 dB
0.0001 %	7.70 dB
Peak	
7.71 dB	
29.13 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 22, 2024 2:37:12 PM

Local

N26b(824-849MHz)-20M-PAPR-L-CP-OFDM-256QAM-Outer_Full



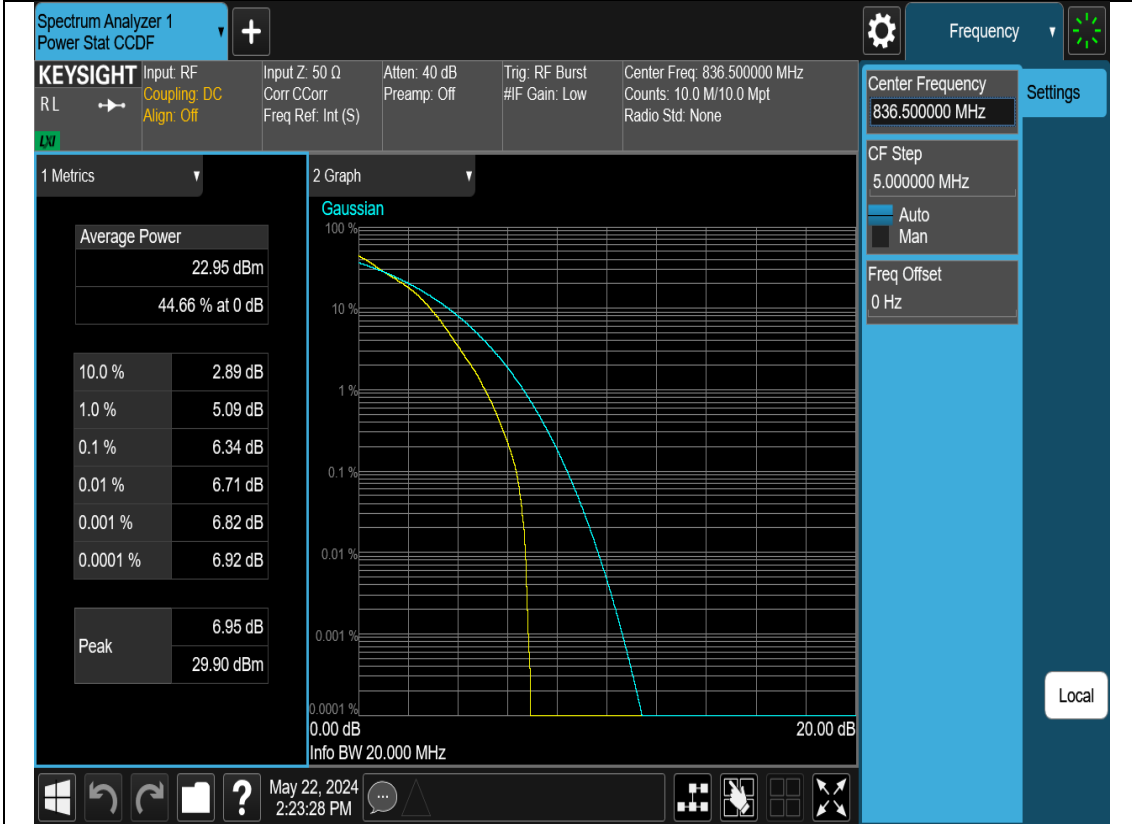
N26b(824-849MHz)-20M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



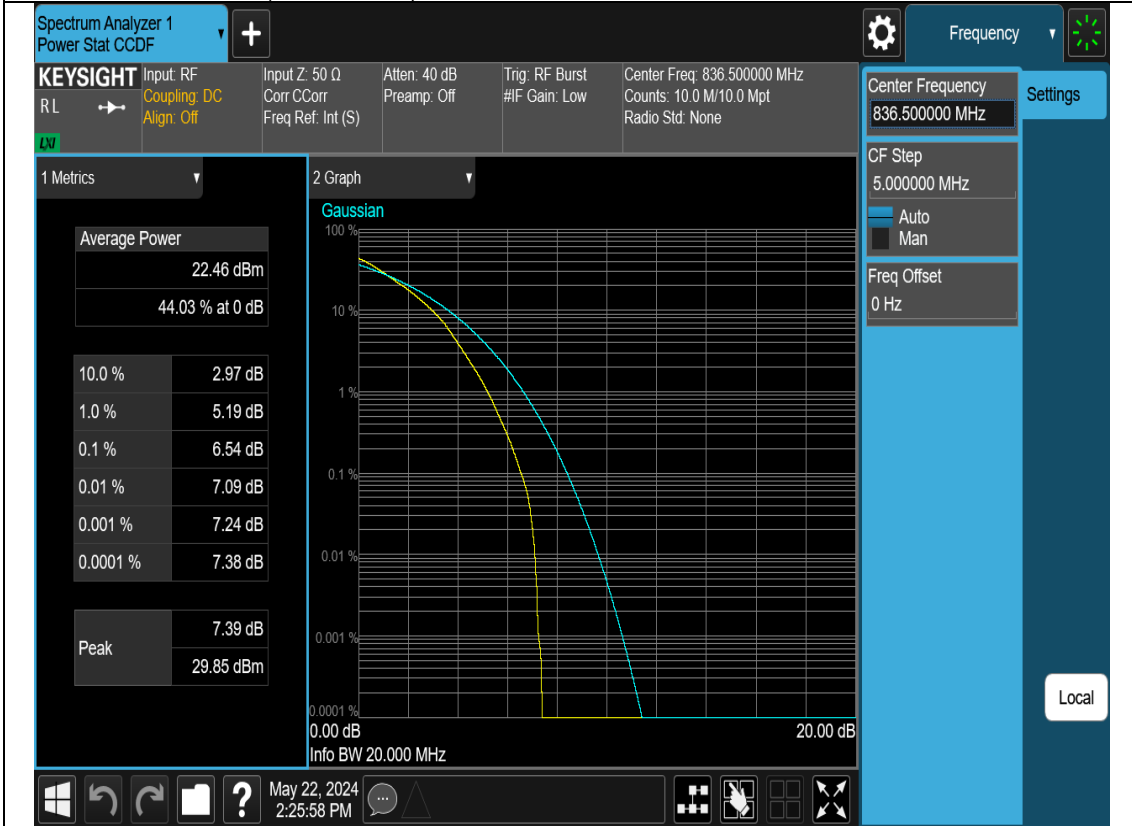
N26b(824-849MHz)-20M-PAPR-M-DFT-s-OFDM-QPSK-Outer_Full



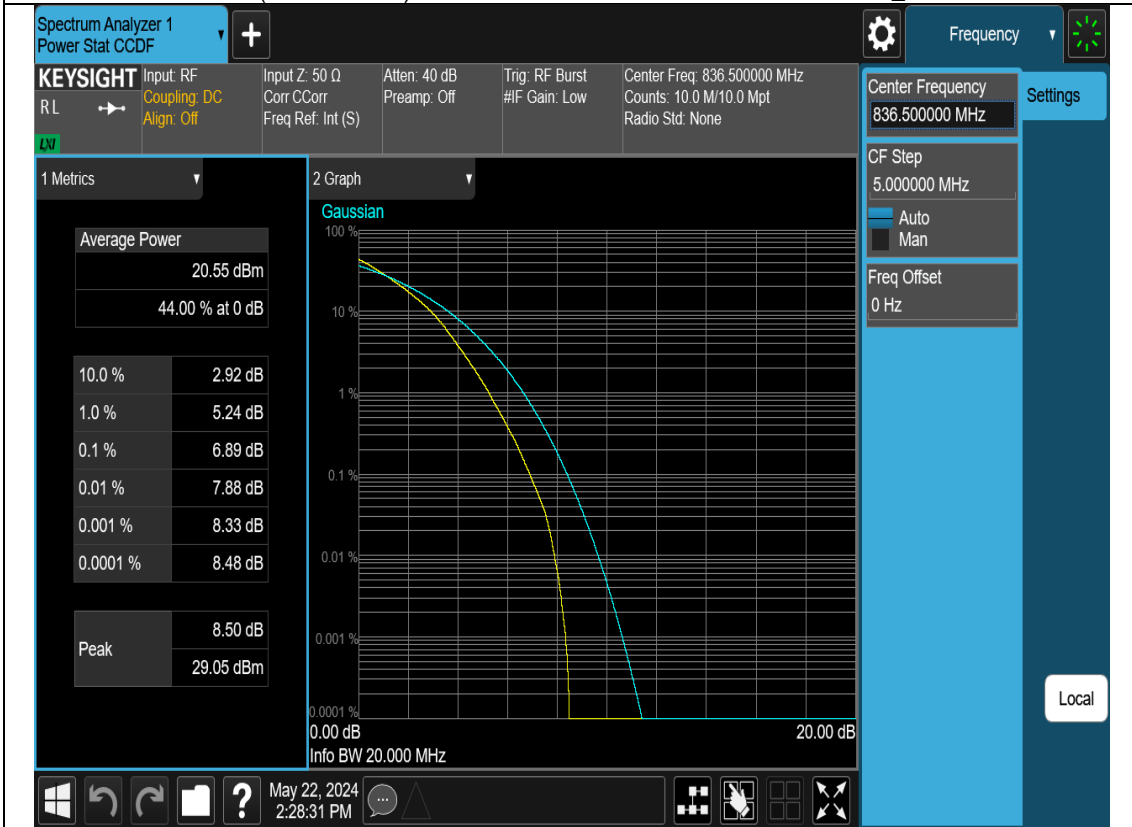
N26b(824-849MHz)-20M-PAPR-M-DFT-s-OFDM-16QAM-Outer_Full



N26b(824-849MHz)-20M-PAPR-M-DFT-s-OFDM-64QAM-Outer_Full



N26b(824-849MHz)-20M-PAPR-M-DFT-s-OFDM-256QAM-Outer_Full



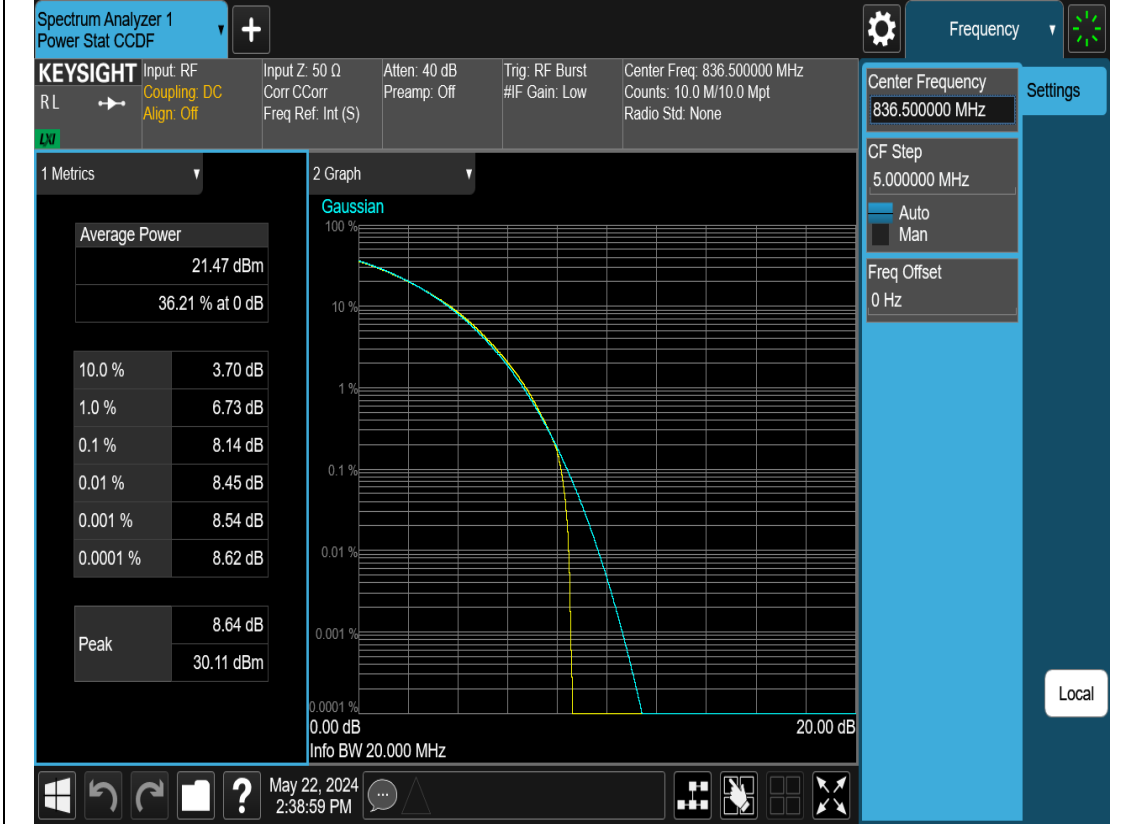
N26b(824-849MHz)-20M-PAPR-M-CP-OFDM-QPSK-Outer_Full



N26b(824-849MHz)-20M-PAPR-M-CP-OFDM-16QAM-Outer_Full



N26b(824-849MHz)-20M-PAPR-M-CP-OFDM-64QAM-Outer_Full



N26b(824-849MHz)-20M-PAPR-M-CP-OFDM-256QAM-Outer_Full



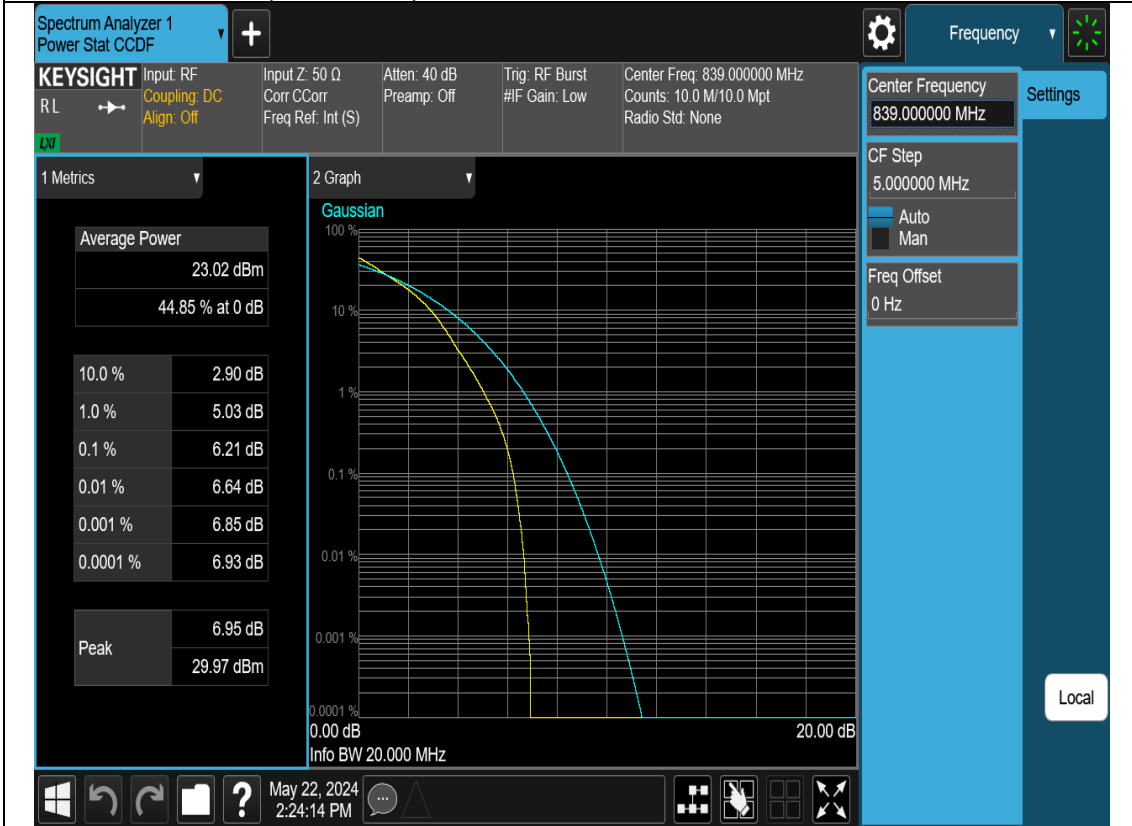
N26b(824-849MHz)-20M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



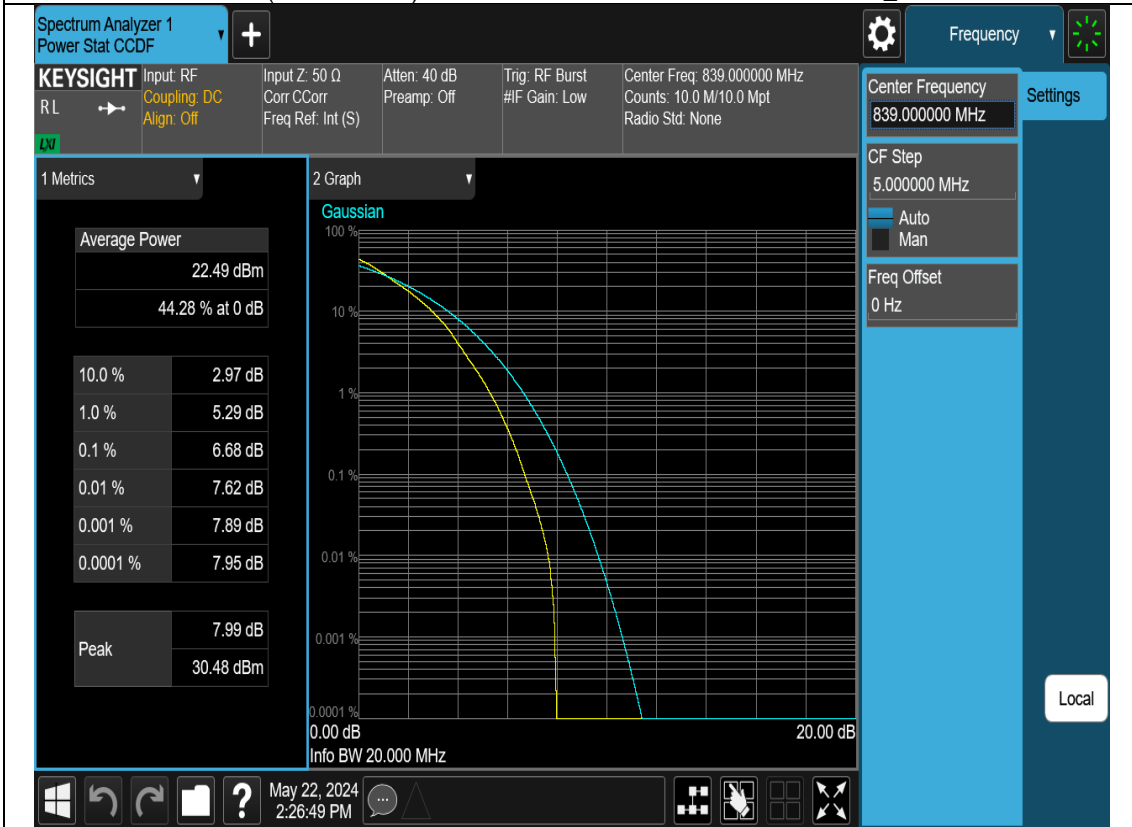
N26b(824-849MHz)-20M-PAPR-H-DFT-s-OFDM-QPSK-Outer_Full



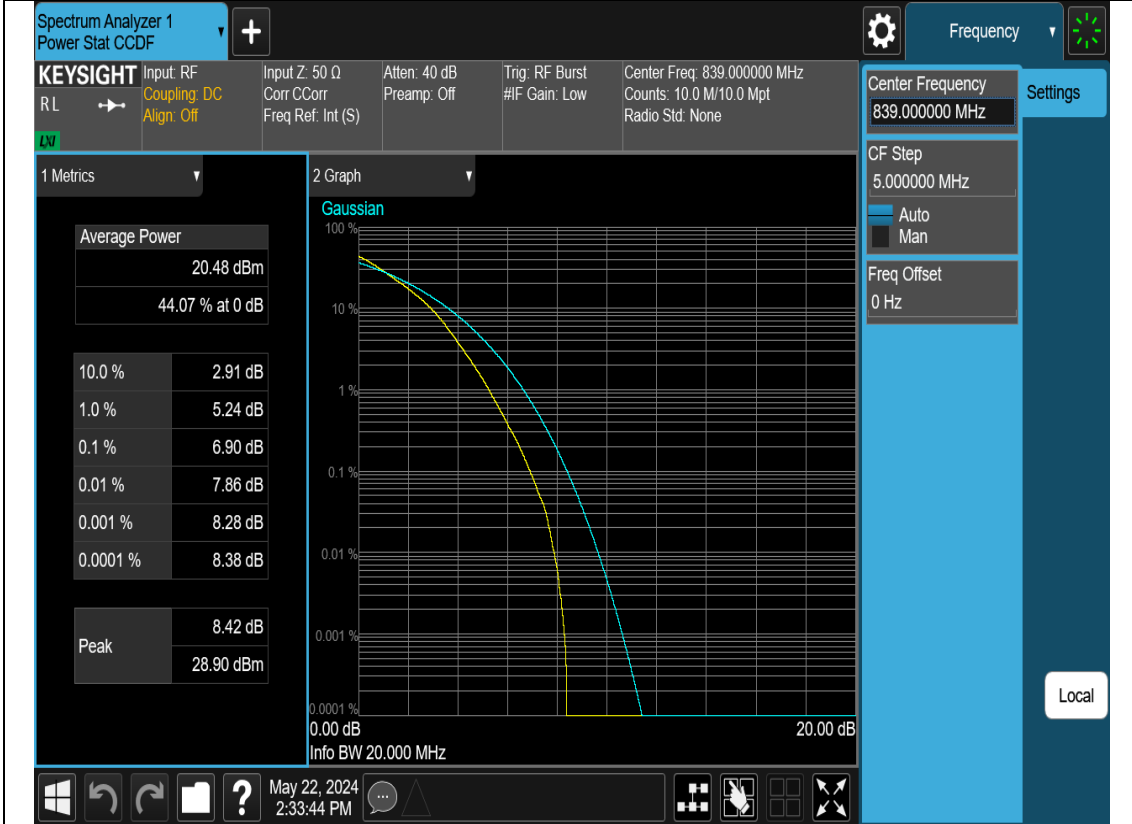
N26b(824-849MHz)-20M-PAPR-H-DFT-s-OFDM-16QAM-Outer_Full



N26b(824-849MHz)-20M-PAPR-H-DFT-s-OFDM-64QAM-Outer_Full



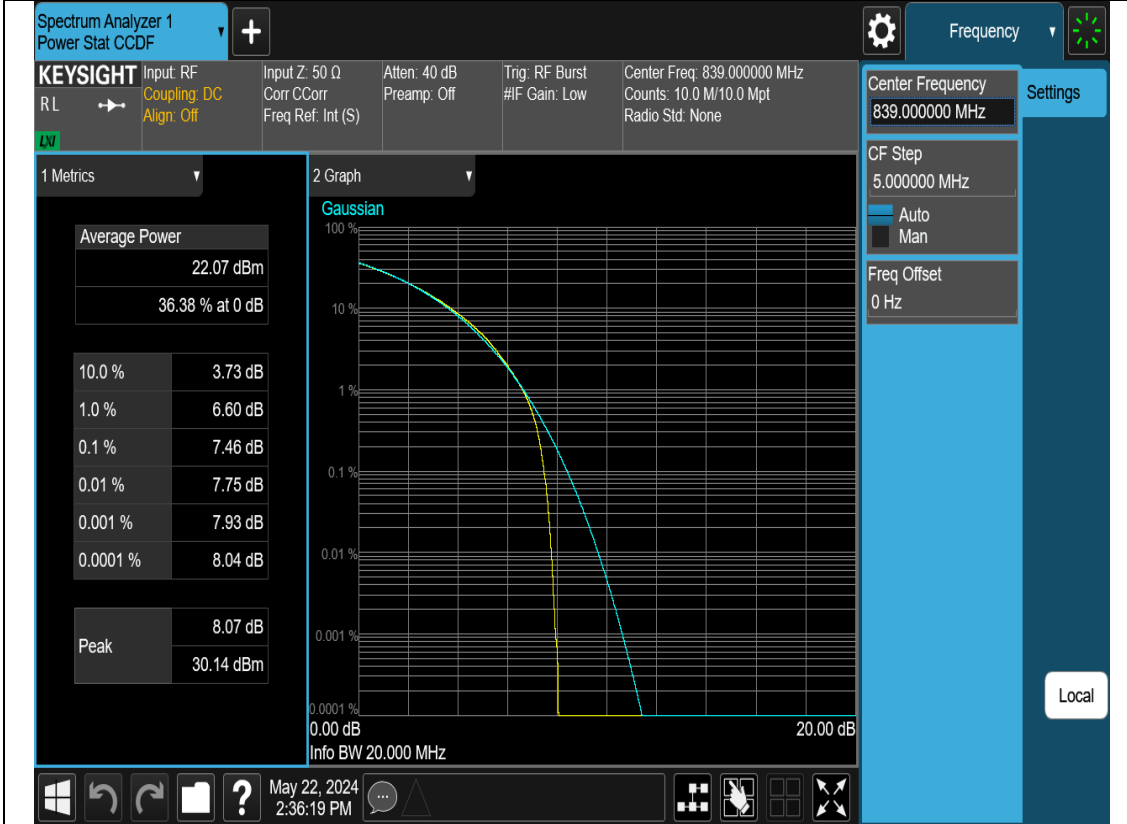
N26b(824-849MHz)-20M-PAPR-H-DFT-s-OFDM-256QAM-Outer_Full



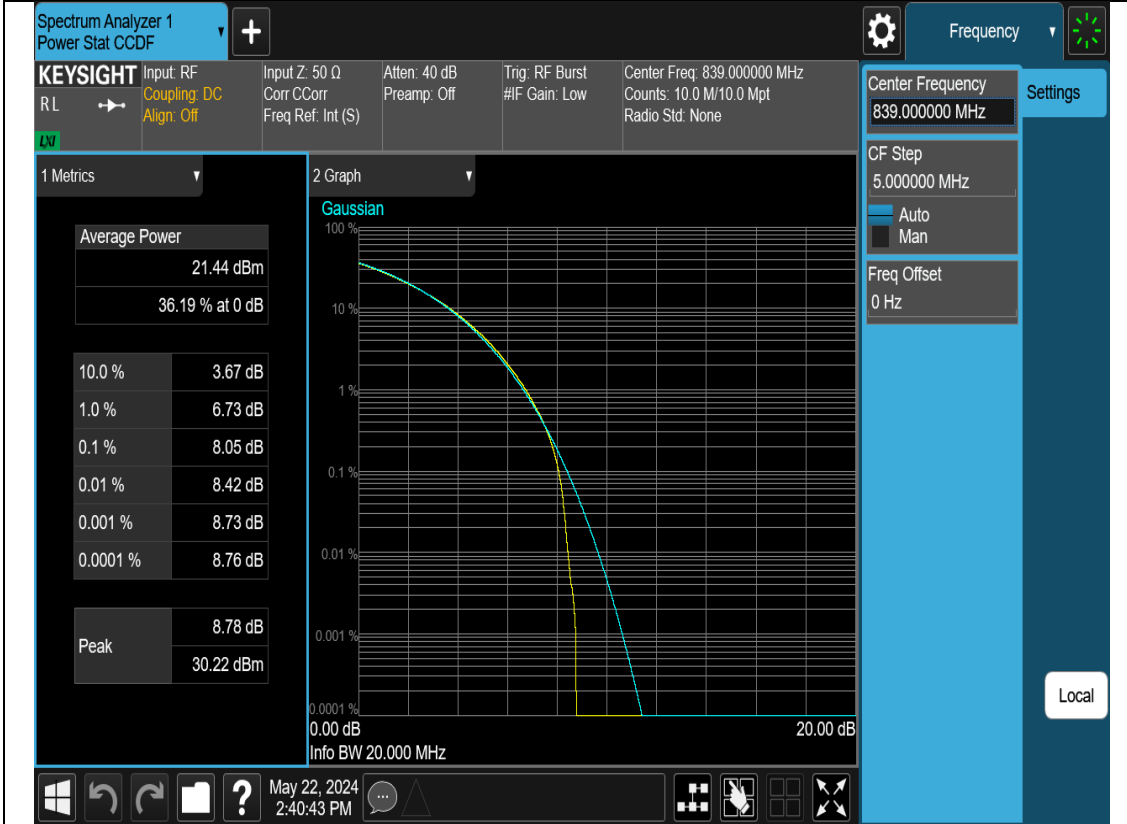
N26b(824-849MHz)-20M-PAPR-H-CP-OFDM-QPSK-Outer_Full



N26b(824-849MHz)-20M-PAPR-H-CP-OFDM-16QAM-Outer_Full



N26b(824-849MHz)-20M-PAPR-H-CP-OFDM-64QAM-Outer_Full



N26b(824-849MHz)-20M-PAPR-H-CP-OFDM-256QAM-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: RF Burst
#F Gain: Low
Center Freq: 839.000000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Frequency

Center Frequency
839.000000 MHz

CF Step
5.000000 MHz

Auto
Man

Freq Offset
0 Hz

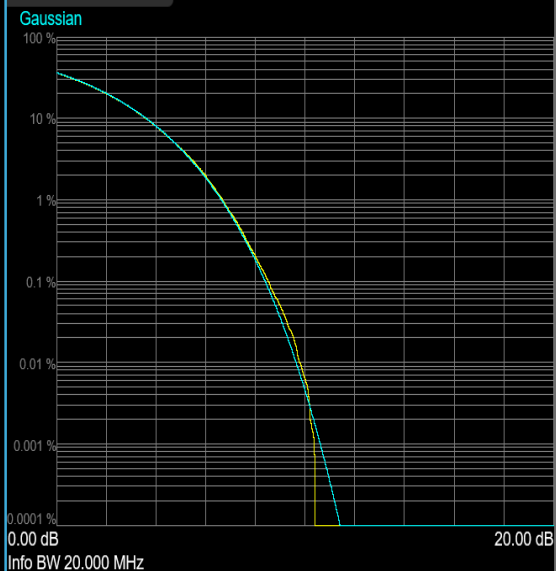
1 Metrics

Average Power
18.51 dBm
36.61 % at 0 dB

10.0 %	3.61 dB
1.0 %	6.68 dB
0.1 %	8.52 dB
0.01 %	9.79 dB
0.001 %	10.36 dB
0.0001 %	10.41 dB

Peak
10.44 dB
28.95 dBm

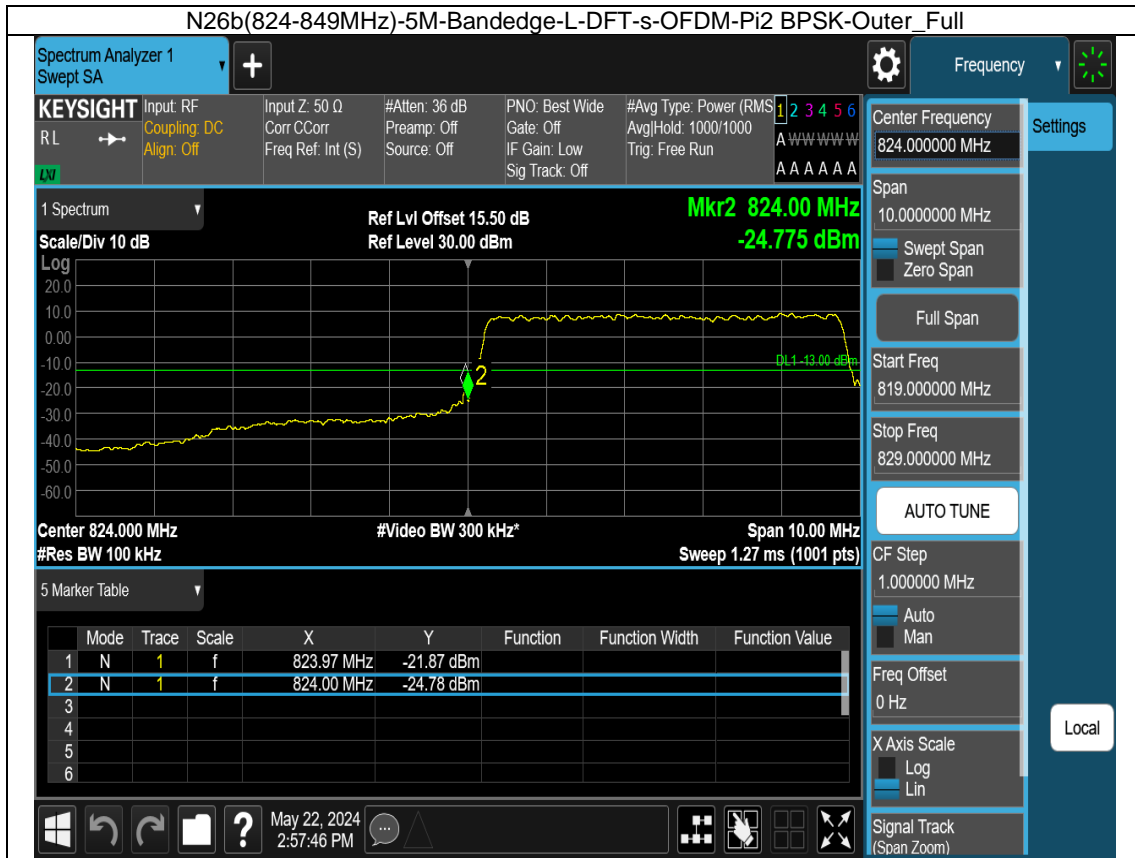
2 Graph



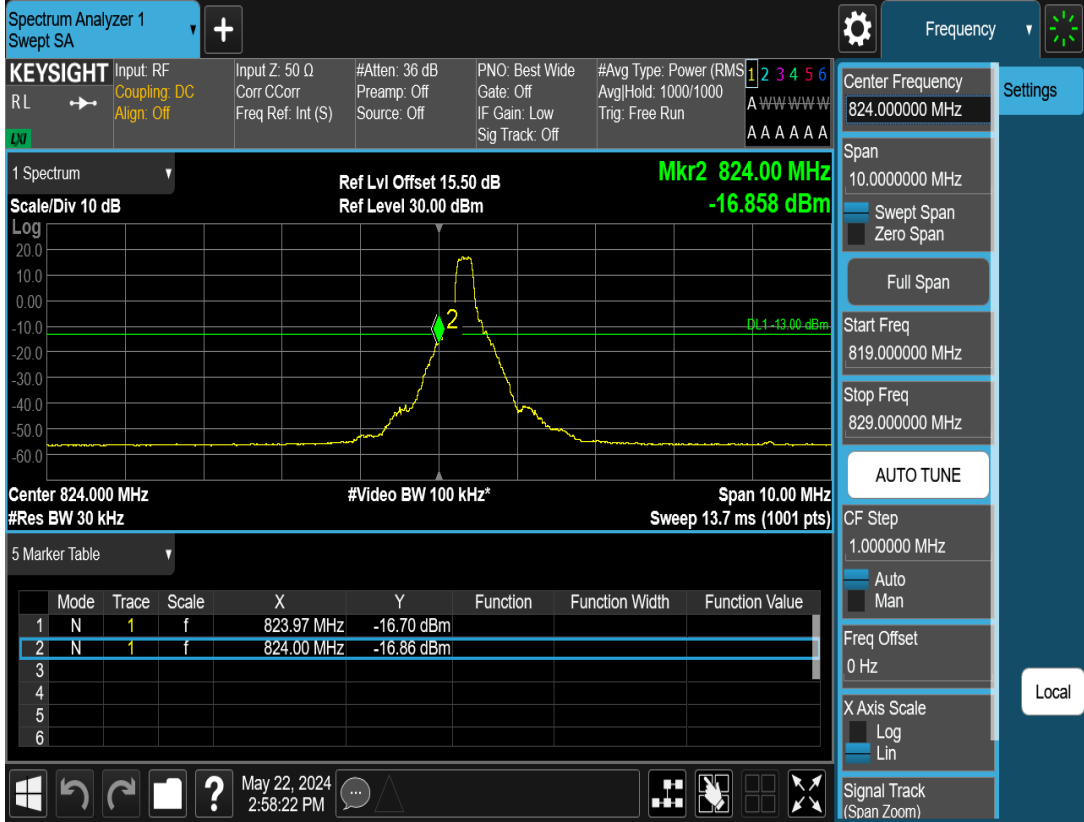
Settings

Local

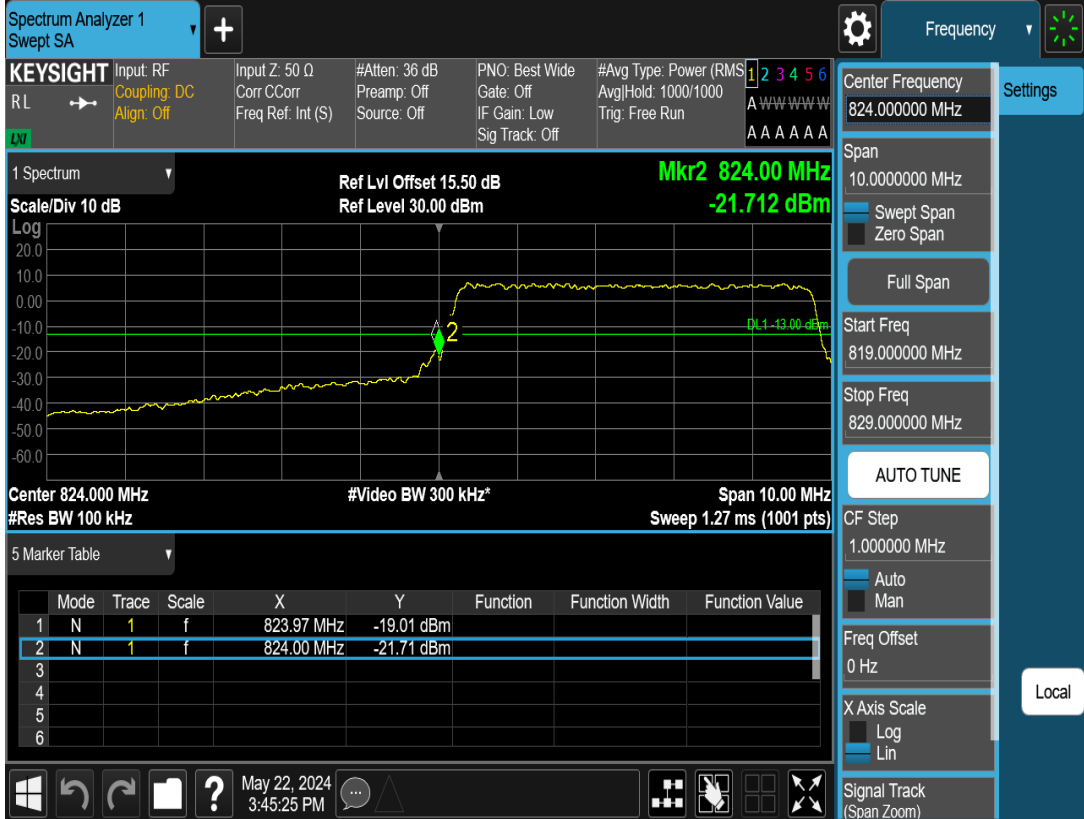
Bandedge test graph



N26b(824-849MHz)-5M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N26b(824-849MHz)-5M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



N26b(824-849MHz)-5M-Bandedge-L-CP-OFDM-QPSK-1RB0

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvglHold: 1000/1000 Trig: Free Run

Center Frequency 824.000000 MHz

Span 10.000000 MHz

Start Freq 819.000000 MHz

Stop Freq 829.000000 MHz

AUTO TUNE

CF Step 1.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB

Ref Level 30.00 dBm

Mkr2 824.00 MHz -17.956 dBm

Scale/Div 10 dB

Log

Center 824.000 MHz #Res BW 30 kHz #Video BW 100 kHz* Sweep 13.7 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	823.98 MHz	-20.97 dBm		
2	N	1	f	824.00 MHz	-17.96 dBm		
3							
4							
5							
6							

May 22, 2024 3:46:01 PM

N26b(824-849MHz)-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvglHold: 1000/1000 Trig: Free Run

Center Frequency 849.000000 MHz

Span 10.000000 MHz

Start Freq 844.000000 MHz

Stop Freq 854.000000 MHz

AUTO TUNE

CF Step 1.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB

Ref Level 30.00 dBm

Mkr2 849.00 MHz -23.588 dBm

Scale/Div 10 dB

Log

Center 849.000 MHz #Res BW 100 kHz #Video BW 300 kHz* Sweep 1.27 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.05 MHz	-25.90 dBm		
2	N	1	f	849.00 MHz	-23.59 dBm		
3							
4							
5							
6							

May 22, 2024 3:01:19 PM

N26b(824-849MHz)-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvglHold: 1000/1000 Trig: Free Run

Center Frequency 849.000000 MHz

Span 10.000000 MHz

Start Freq 844.000000 MHz

Stop Freq 854.000000 MHz

AUTO TUNE

CF Step 1.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB

Ref Level 30.00 dBm

Mkr2 849.00 MHz -17.924 dBm

DL1 -13.00 dBm

Center 849.000 MHz #Res BW 30 kHz #Video BW 100 kHz* Sweep 13.7 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.02 MHz	-19.01 dBm		
2	N	1	f	849.00 MHz	-17.92 dBm		
3							
4							
5							
6							

May 22, 2024 3:03:20 PM

N26b(824-849MHz)-5M-Bandedge-H-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvglHold: 1000/1000 Trig: Free Run

Center Frequency 849.000000 MHz

Span 10.000000 MHz

Start Freq 844.000000 MHz

Stop Freq 854.000000 MHz

AUTO TUNE

CF Step 1.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB

Ref Level 30.00 dBm

Mkr2 849.00 MHz -23.977 dBm

DL1 -13.00 dBm

Center 849.000 MHz #Res BW 100 kHz #Video BW 300 kHz* Sweep 1.27 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.02 MHz	-24.92 dBm		
2	N	1	f	849.00 MHz	-23.98 dBm		
3							
4							
5							
6							

May 22, 2024 3:49:13 PM

N26b(824-849MHz)-5M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvglHold: 1000/1000 Trig: Free Run

Center Frequency 849.000000 MHz

Span 10.000000 MHz

Start Freq 844.000000 MHz

Stop Freq 854.000000 MHz

AUTO TUNE

CF Step 1.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 849.00 MHz -17.713 dBm

DL1 -13.00 dBm

Center 849.000 MHz #Res BW 30 kHz #Video BW 100 kHz* Sweep 13.7 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.02 MHz	-17.90 dBm		
2	N	1	f	849.00 MHz	-17.71 dBm		
3							
4							
5							
6							

May 22, 2024 3:50:01 PM

N26b(824-849MHz)-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvglHold: 1000/1000 Trig: Free Run

Center Frequency 824.000000 MHz

Span 20.000000 MHz

Start Freq 814.000000 MHz

Stop Freq 834.000000 MHz

AUTO TUNE

CF Step 2.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 824.00 MHz -23.014 dBm

DL1 -13.00 dBm

Center 824.00 MHz #Res BW 150 kHz #Video BW 470 kHz* Sweep 1.13 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	823.98 MHz	-24.55 dBm		
2	N	1	f	824.00 MHz	-23.01 dBm		
3							
4							
5							
6							

May 22, 2024 3:06:48 PM

N26b(824-849MHz)-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg/Hold: 1000/1000 Trig: Free Run

Center Frequency 824.000000 MHz

Span 10.000000 MHz

Start Freq 819.000000 MHz

Stop Freq 829.000000 MHz

AUTO TUNE

CF Step 1.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 824.00 MHz -19.906 dBm

Scale/Div 10 dB

Log

Center 824.000 MHz #Res BW 30 kHz #Video BW 100 kHz* Span 10.00 MHz Sweep 13.7 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	823.97 MHz	-21.65 dBm		
2	N	1	f	824.00 MHz	-19.91 dBm		
3							
4							
5							
6							

May 22, 2024 3:07:24 PM

N26b(824-849MHz)-10M-Bandedge-L-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg/Hold: 1000/1000 Trig: Free Run

Center Frequency 824.000000 MHz

Span 20.000000 MHz

Start Freq 814.000000 MHz

Stop Freq 834.000000 MHz

AUTO TUNE

CF Step 2.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 824.00 MHz -26.184 dBm

Scale/Div 10 dB

Log

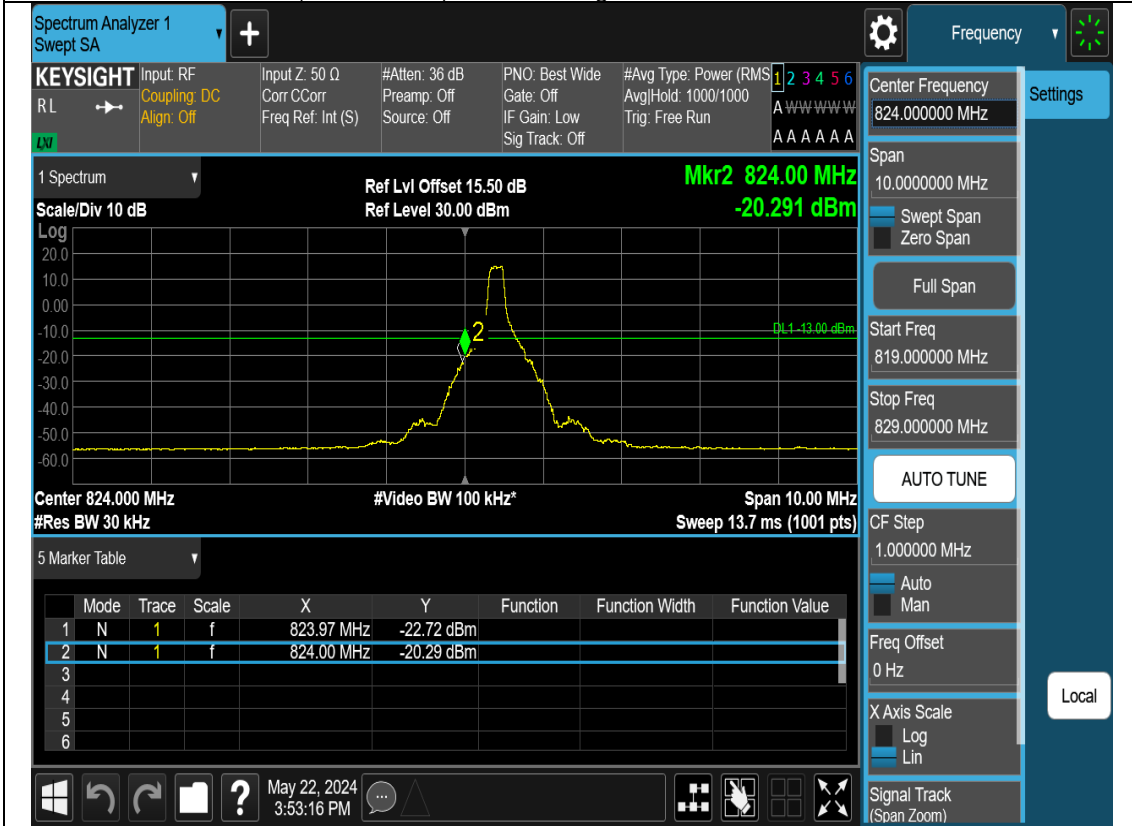
Center 824.00 MHz #Res BW 150 kHz #Video BW 470 kHz* Span 20.00 MHz Sweep 1.13 ms (1001 pts)

5 Marker Table

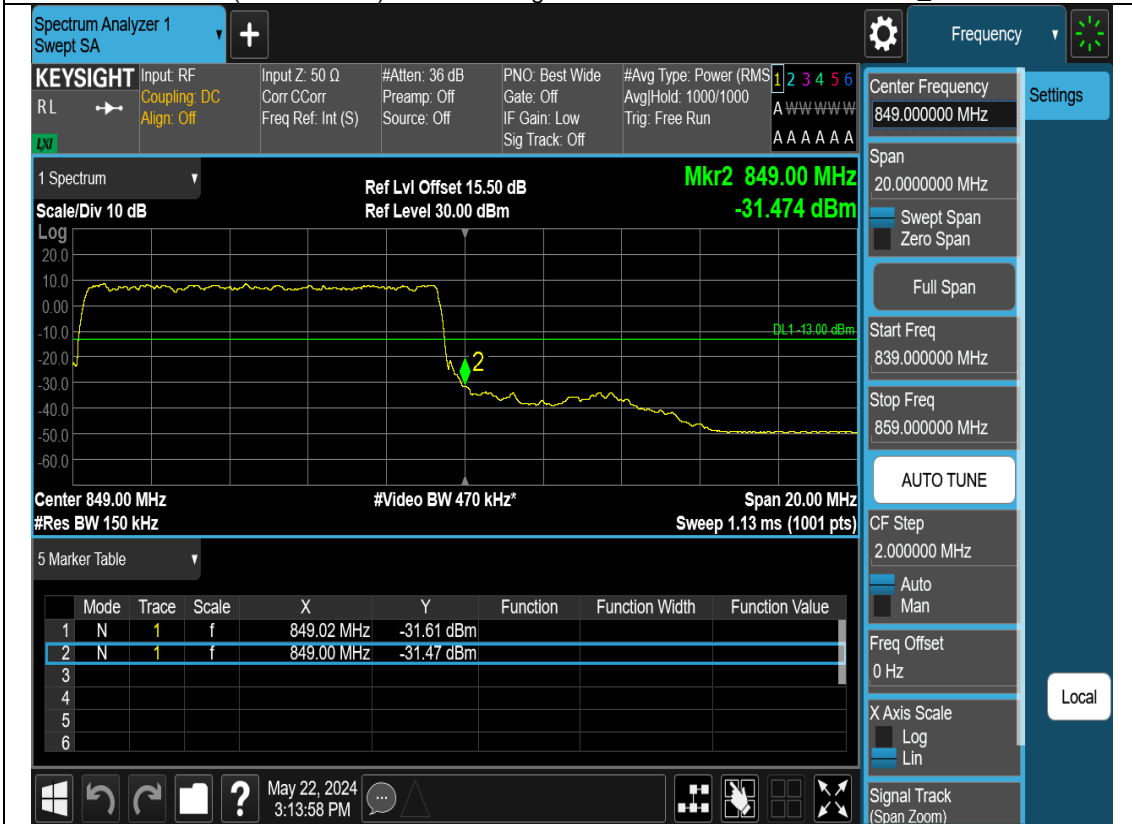
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	823.98 MHz	-27.54 dBm		
2	N	1	f	824.00 MHz	-26.18 dBm		
3							
4							
5							
6							

May 22, 2024 3:52:40 PM

N26b(824-849MHz)-10M-Bandedge-L-CP-OFDM-QPSK-1RB0



N26b(824-849MHz)-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26b(824-849MHz)-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 1000/1000 Trig: Free Run A A A A A A

Center Frequency 849.000000 MHz

Span 10.000000 MHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 849.00 MHz -18.412 dBm

Center 849.000 MHz #Res BW 30 kHz #Video BW 100 kHz* Sweep 13.7 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.04 MHz	-21.45 dBm		
2	N	1	f	849.00 MHz	-18.41 dBm		
3							
4							
5							
6							

May 22, 2024 3:14:38 PM

N26b(824-849MHz)-10M-Bandedge-H-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 1000/1000 Trig: Free Run A A A A A A

Center Frequency 849.000000 MHz

Span 20.000000 MHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

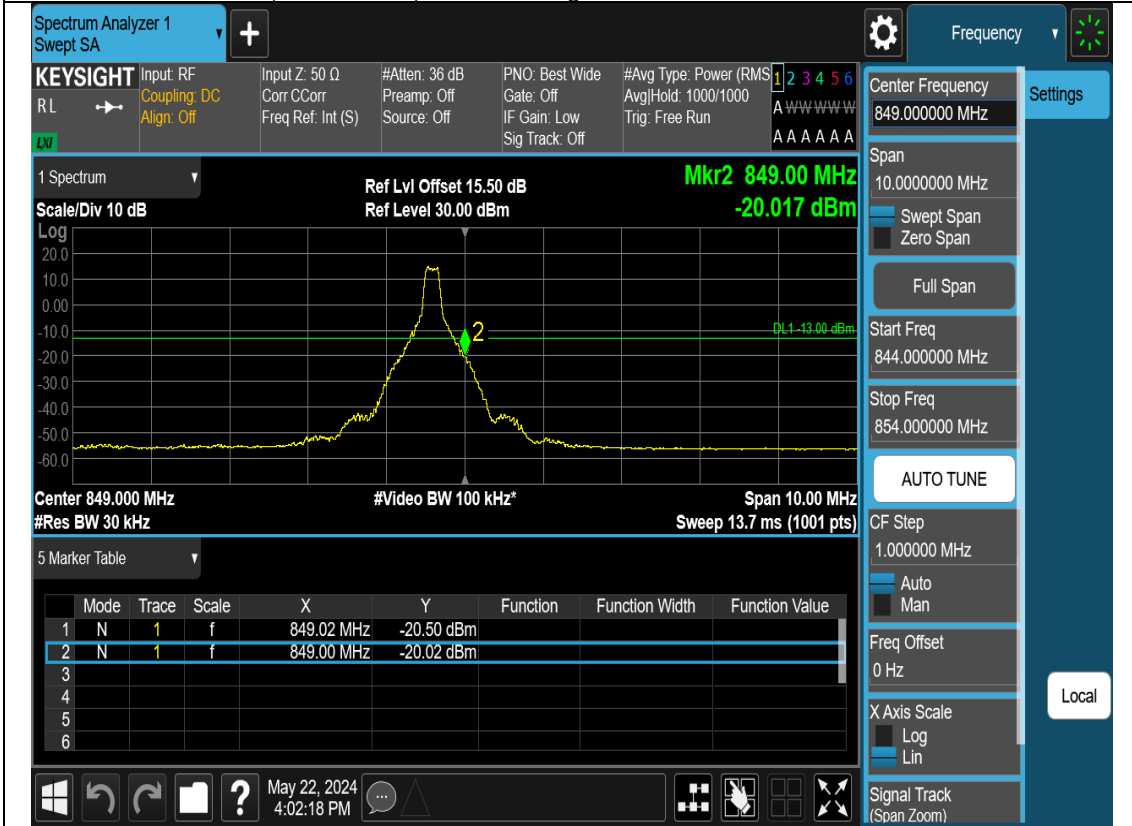
Mkr2 849.00 MHz -28.293 dBm

Center 849.00 MHz #Res BW 150 kHz #Video BW 470 kHz* Sweep 1.13 ms (1001 pts)

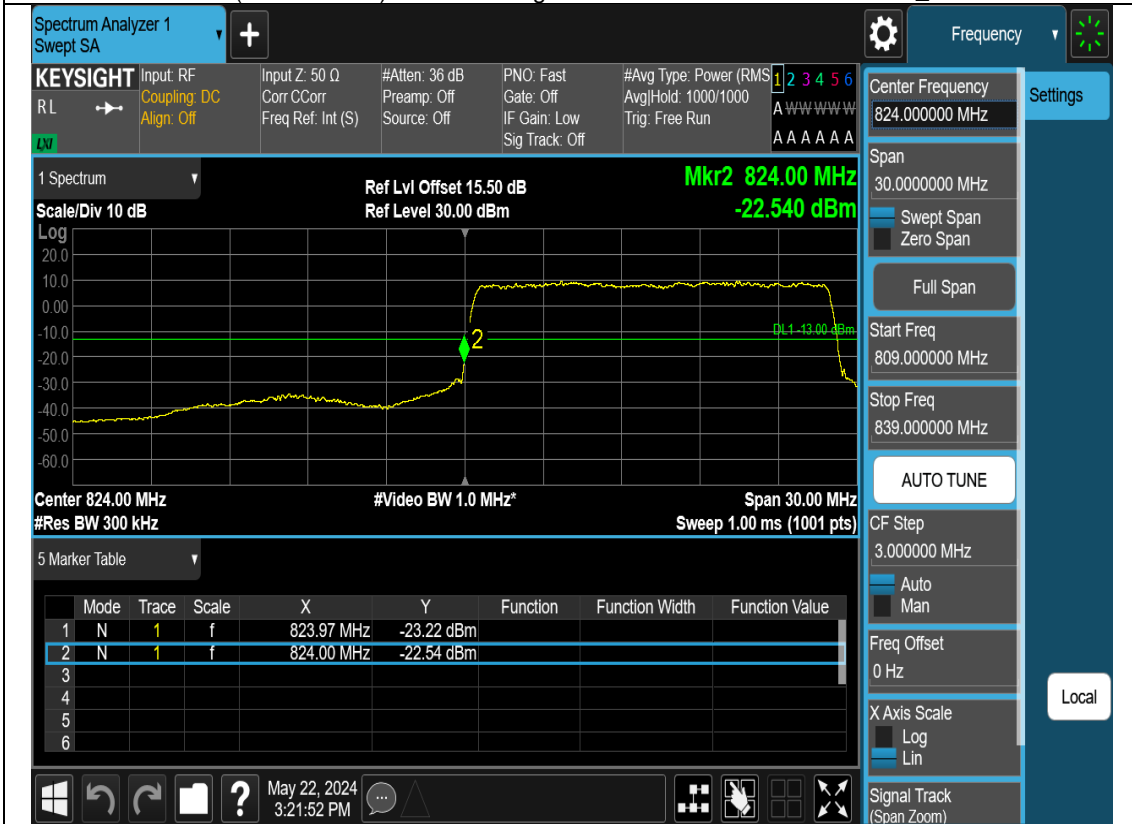
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.02 MHz	-28.38 dBm		
2	N	1	f	849.00 MHz	-28.29 dBm		
3							
4							
5							
6							

May 22, 2024 4:01:28 PM

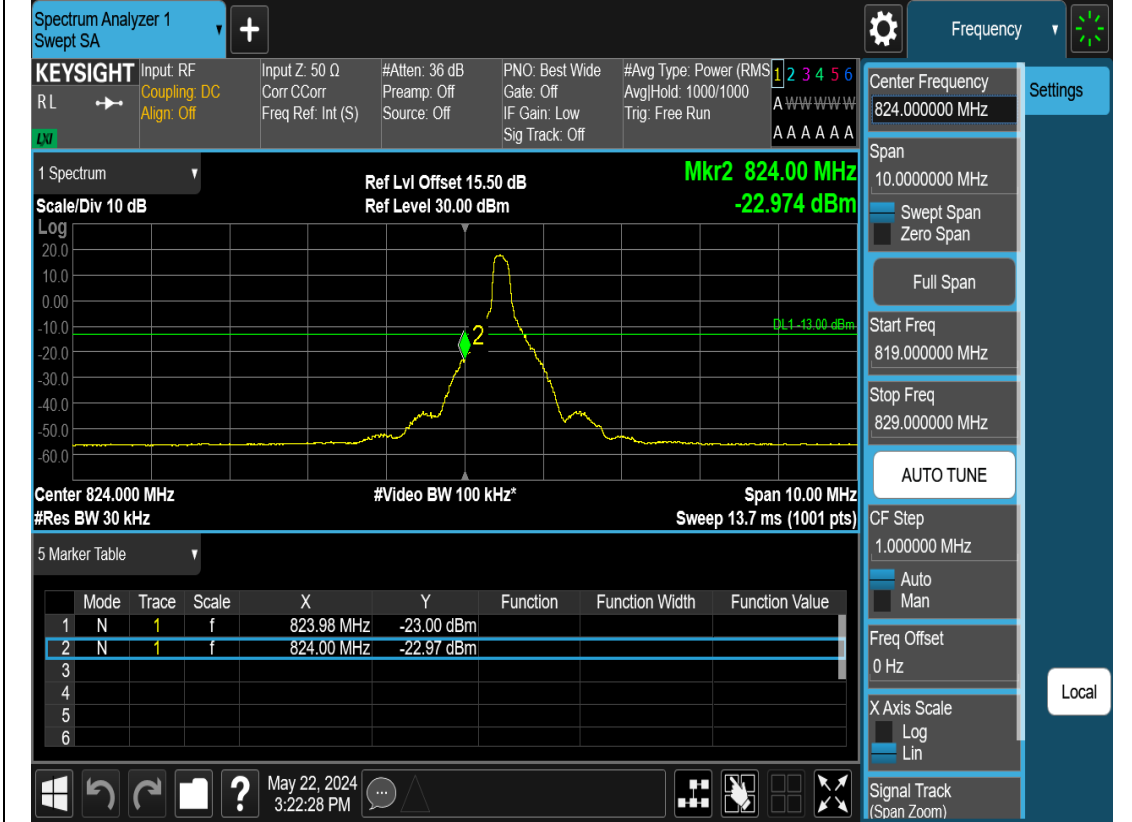
N26b(824-849MHz)-10M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX



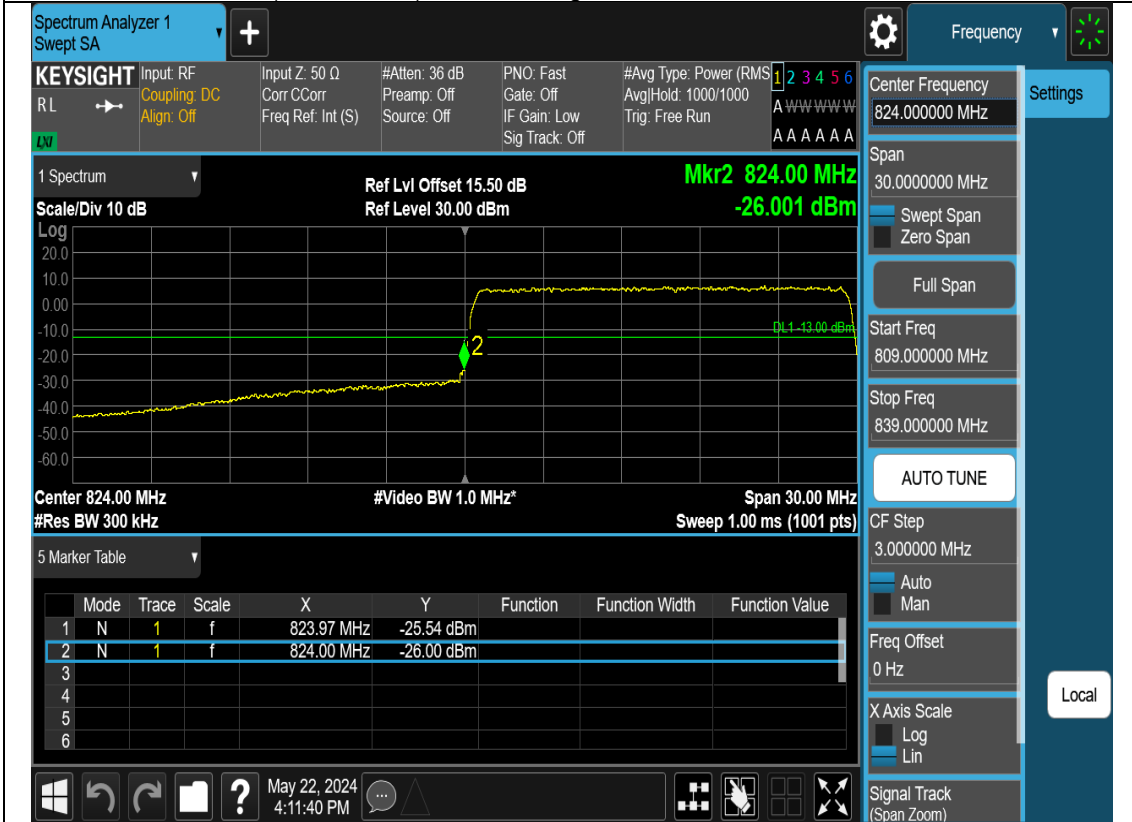
N26b(824-849MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26b(824-849MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



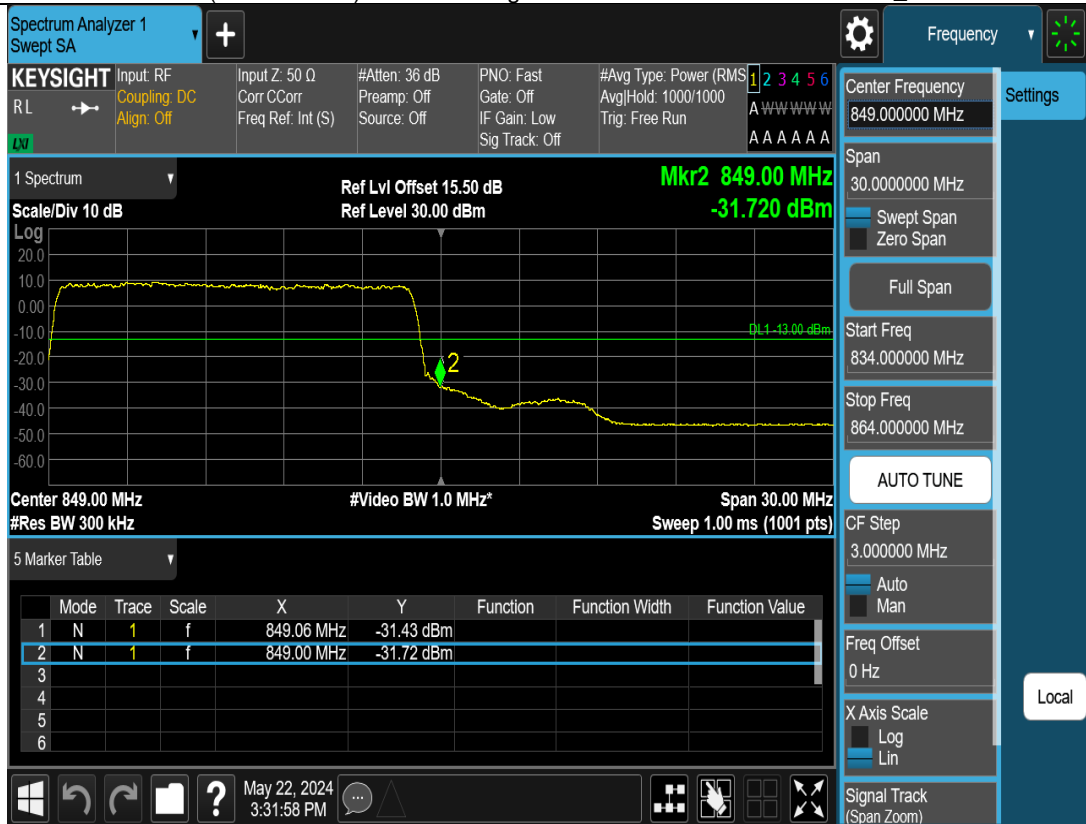
N26b(824-849MHz)-15M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



N26b(824-849MHz)-15M-Bandedge-L-CP-OFDM-QPSK-1RB0



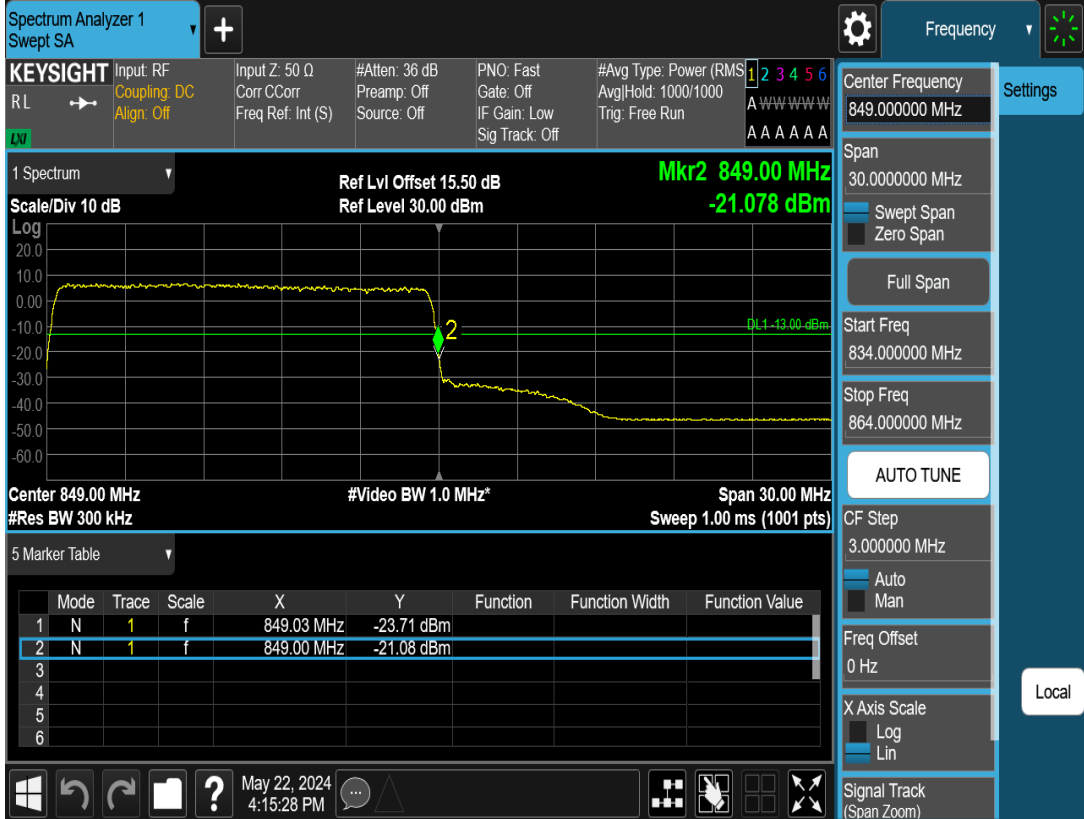
N26b(824-849MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26b(824-849MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



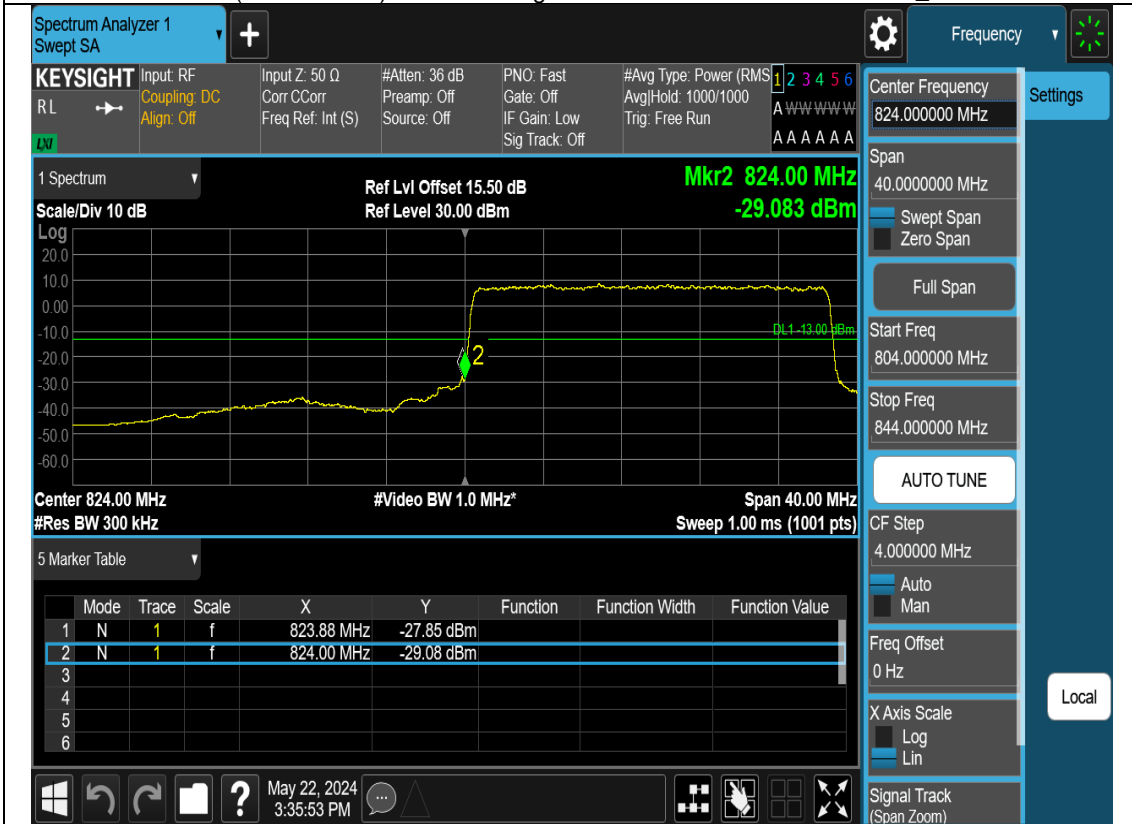
N26b(824-849MHz)-15M-Bandedge-H-CP-OFDM-QPSK-Outer_Full



N26b(824-849MHz)-15M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX



N26b(824-849MHz)-20M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26b(824-849MHz)-20M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg/Hold: 1000/1000 Trig: Free Run

Center Frequency 824.000000 MHz

Span 10.000000 MHz

Start Freq 819.000000 MHz

Stop Freq 829.000000 MHz

AUTO TUNE

CF Step 1.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 824.00 MHz -27.808 dBm

DL1 -13.00 dBm

Center 824.000 MHz #Res BW 30 kHz #Video BW 100 kHz* Sweep 13.7 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	823.97 MHz	-28.90 dBm		
2	N	1	f	824.00 MHz	-27.81 dBm		
3							
4							
5							
6							

May 22, 2024 3:36:29 PM

N26b(824-849MHz)-20M-Bandedge-L-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg/Hold: 1000/1000 Trig: Free Run

Center Frequency 824.000000 MHz

Span 40.000000 MHz

Start Freq 804.000000 MHz

Stop Freq 844.000000 MHz

AUTO TUNE

CF Step 4.000000 MHz

Freq Offset 0 Hz

X Axis Scale Log

Signal Track (Span Zoom)

Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 824.00 MHz -26.155 dBm

DL1 -13.00 dBm

Center 824.00 MHz #Res BW 300 kHz #Video BW 1.0 MHz* Sweep 1.00 ms (1001 pts)

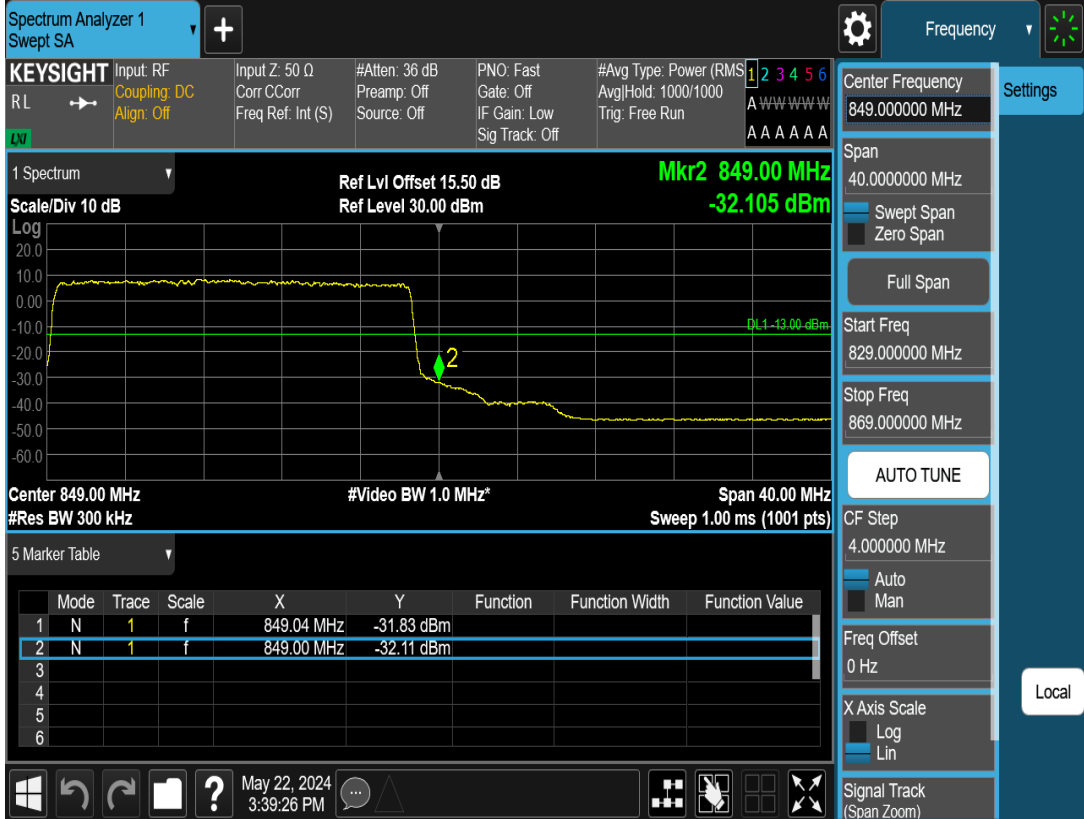
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	823.96 MHz	-28.09 dBm		
2	N	1	f	824.00 MHz	-26.15 dBm		
3							
4							
5							
6							

May 22, 2024 4:23:43 PM

N26b(824-849MHz)-20M-Bandedge-L-CP-OFDM-QPSK-1RB0



N26b(824-849MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26b(824-849MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 1000/1000 Trig: Free Run

Center Frequency 849.000000 MHz

Span 10.000000 MHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 849.00 MHz -27.743 dBm

Center 849.000 MHz #Res BW 30 kHz #Video BW 100 kHz* Sweep 13.7 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.02 MHz	-26.74 dBm		
2	N	1	f	849.00 MHz	-27.74 dBm		
3							
4							
5							
6							

May 22, 2024 3:40:17 PM

N26b(824-849MHz)-20M-Bandedge-H-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 1000/1000 Trig: Free Run

Center Frequency 849.000000 MHz

Span 40.000000 MHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 849.00 MHz -27.402 dBm

Center 849.00 MHz #Res BW 300 kHz #Video BW 1.0 MHz* Sweep 1.00 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.04 MHz	-29.28 dBm		
2	N	1	f	849.00 MHz	-27.40 dBm		
3							
4							
5							
6							

May 22, 2024 4:27:31 PM

N26b(824-849MHz)-20M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input RF
RL → Coupling: DC
Align: Off

Input Z: 50 Ω #Atten: 36 dB PNO: Best Wide #Avg Type: Power (RMS) 1 2 3 4 5 6
Corr: C Corr Preamp: Off Gate: Off Avg/Hold: 1000/1000
Freq Ref: Int (S) Source: Off IF Gain: Low Trig: Free Run
Sig Track: Off

1 Spectrum Ref Lvl Offset 15.50 dB **Mkr2 849.00 MHz**
Scale/Div 10 dB Ref Level 30.00 dBm **-31.578 dBm**

Center 849.000 MHz #Video BW 100 kHz* Span 10.00 MHz
#Res BW 30 kHz Sweep 13.7 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	849.02 MHz	-32.94 dBm		
2	N	1	f	849.00 MHz	-31.58 dBm		
3							
4							
5							
6							

Frequency

Center Frequency
849.000000 MHz

Span
10.000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
844.000000 MHz

Stop Freq
854.000000 MHz

AUTO TUNE

CF Step
1.000000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

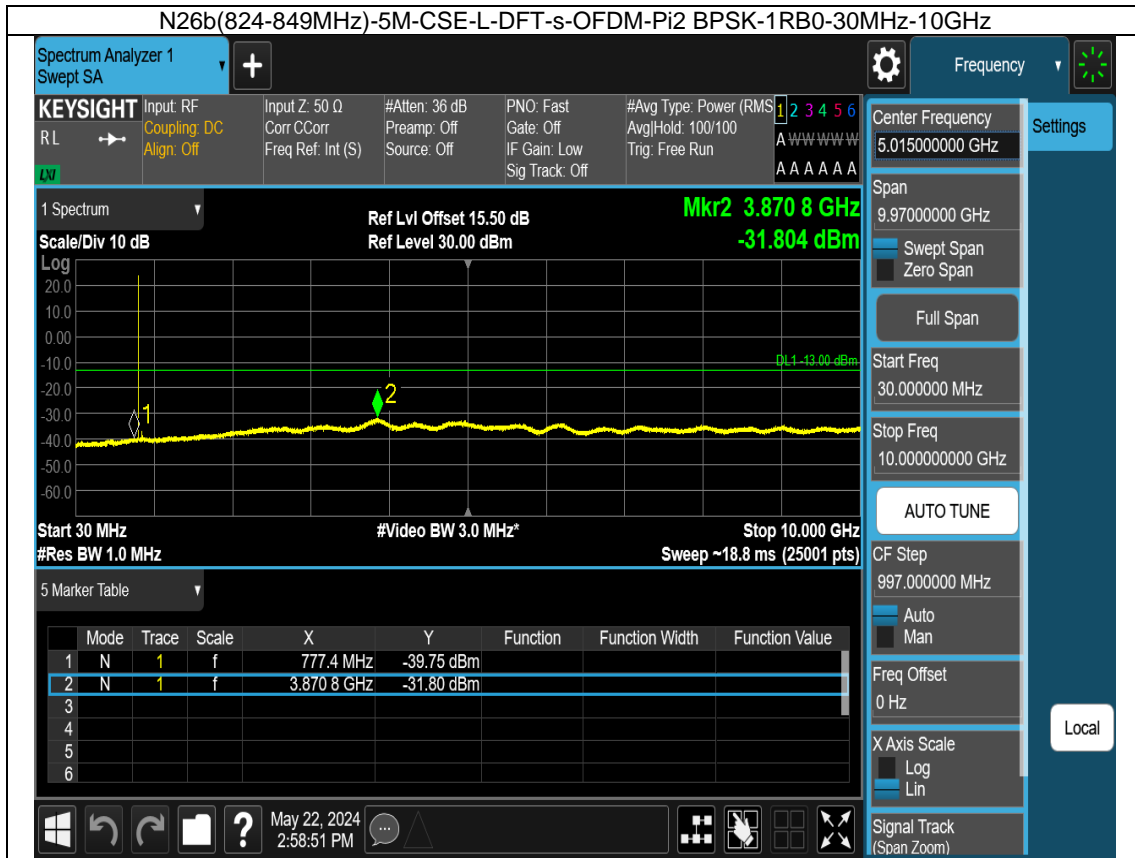
Signal Track
(Span Zoom)

Settings

Local

May 22, 2024 4:31:29 PM

Conducted spurious emissions test graph



N26b(824-849MHz)-5M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 100/100 Trig: Free Run

Center Frequency 5.015000000 GHz

Span 9.970000000 GHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 3.847 3 GHz -31.648 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	806.1 MHz	-39.43 dBm		
2	N	1	f	3.847 3 GHz	-31.65 dBm		
3							
4							
5							
6							

May 22, 2024 3:46:30 PM

N26b(824-849MHz)-5M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 100/100 Trig: Free Run

Center Frequency 5.015000000 GHz

Span 9.970000000 GHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 3.850 9 GHz -31.959 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	802.5 MHz	-39.60 dBm		
2	N	1	f	3.850 9 GHz	-31.96 dBm		
3							
4							
5							
6							

May 22, 2024 3:00:14 PM

N26b(824-849MHz)-5M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg/Hold: 100/100 Trig: Free Run

Center Frequency: 5.015000000 GHz

Span: 9.970000000 GHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 3.853 3 GHz -31.796 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	761.4 MHz	-39.40 dBm		
2	N	1	f	3.853 3 GHz	-31.80 dBm		
3							
4							
5							
6							

May 22, 2024 3:48:01 PM

N26b(824-849MHz)-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg/Hold: 100/100 Trig: Free Run

Center Frequency: 5.015000000 GHz

Span: 9.970000000 GHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

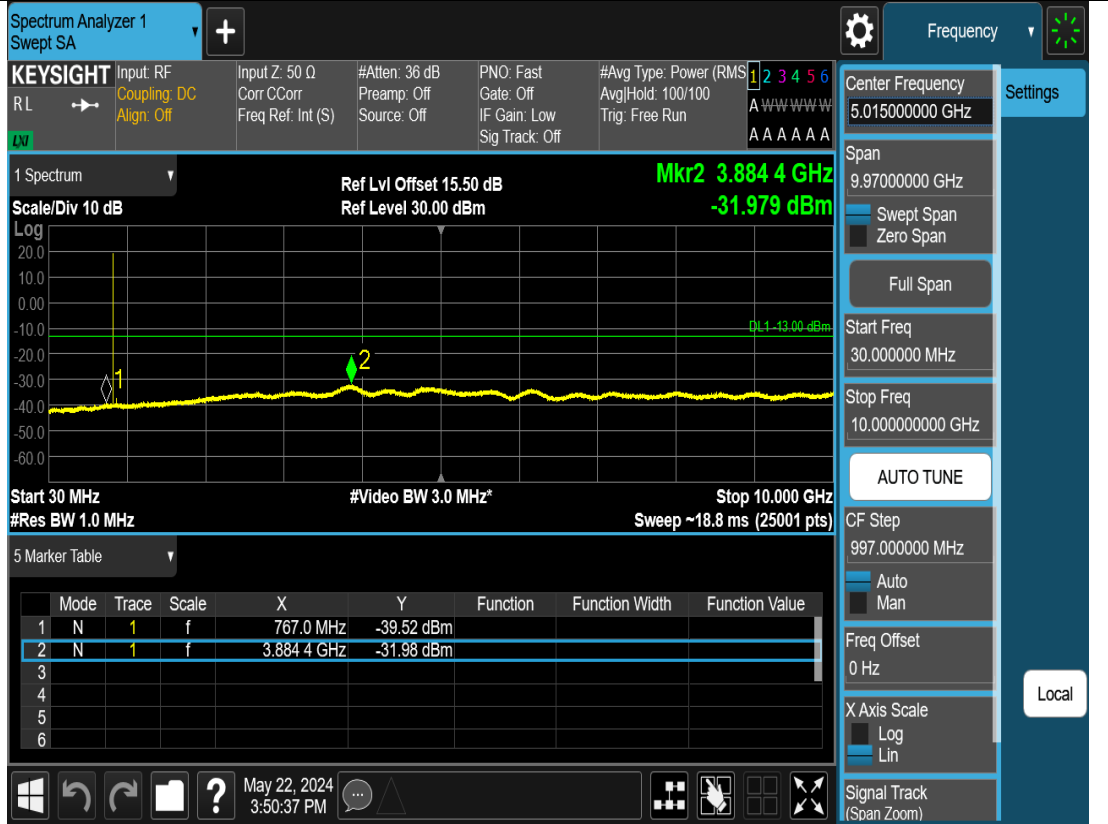
Mkr2 3.836 5 GHz -31.944 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

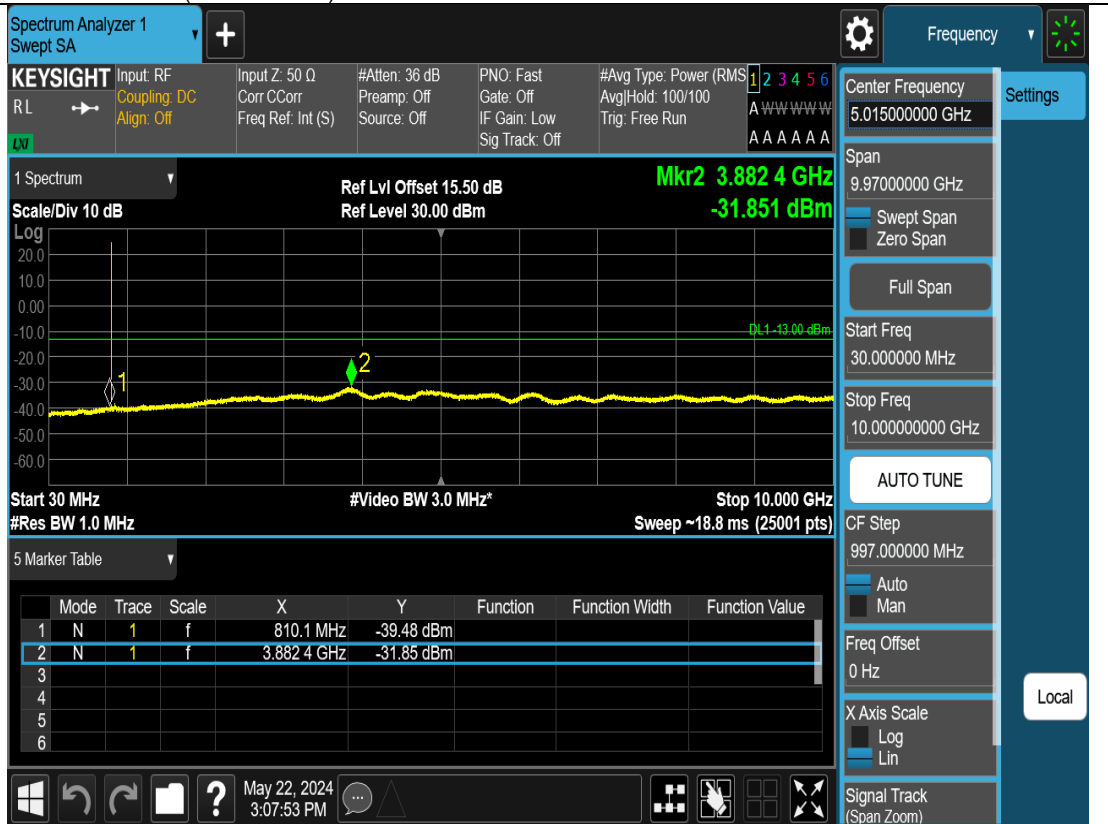
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	747.8 MHz	-39.39 dBm		
2	N	1	f	3.836 5 GHz	-31.94 dBm		
3							
4							
5							
6							

May 22, 2024 3:04:01 PM

N26b(824-849MHz)-5M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N26b(824-849MHz)-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26b(824-849MHz)-10M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 100/100 Trig: Free Run

Center Frequency 5.015000000 GHz

Span 9.970000000 GHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 3.849 3 GHz -31.834 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	760.6 MHz	-39.59 dBm		
2	N	1	f	3.849 3 GHz	-31.83 dBm		
3							
4							
5							
6							

May 22, 2024 3:53:45 PM

N26b(824-849MHz)-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 36 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 Avg/Hold: 100/100 Trig: Free Run

Center Frequency 5.015000000 GHz

Span 9.970000000 GHz

Scale/Div 10 dB Ref Lvl Offset 15.50 dB Ref Level 30.00 dBm

Mkr2 3.860 9 GHz -31.767 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	800.5 MHz	-39.42 dBm		
2	N	1	f	3.860 9 GHz	-31.77 dBm		
3							
4							
5							
6							

May 22, 2024 3:12:52 PM