

N5-10M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Light

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 3.891 6 GHz -34.393 dBm

Start 30 MHz #Res BW 1.0 MHz Stop 10.000 GHz #Video BW 3.0 MHz* Sweep ~18.5 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	800.1 MHz	-39.95 dBm		
2	N	1	f	3.891 6 GHz	-34.39 dBm		
3							
4							
5							
6							

May 18, 2024 11:23:49 AM

N5-10M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Light

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

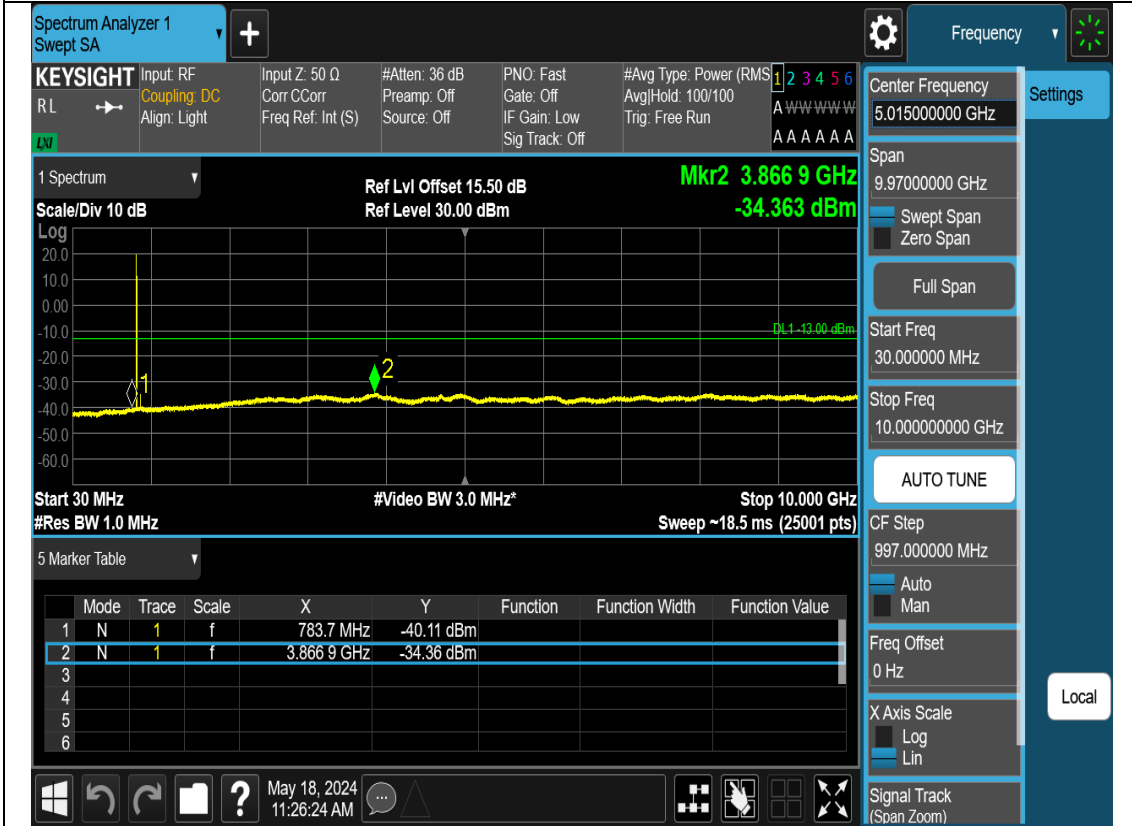
Mkr2 3.870 0 GHz -33.728 dBm

Start 30 MHz #Res BW 1.0 MHz Stop 10.000 GHz #Video BW 3.0 MHz* Sweep ~18.5 ms (25001 pts)

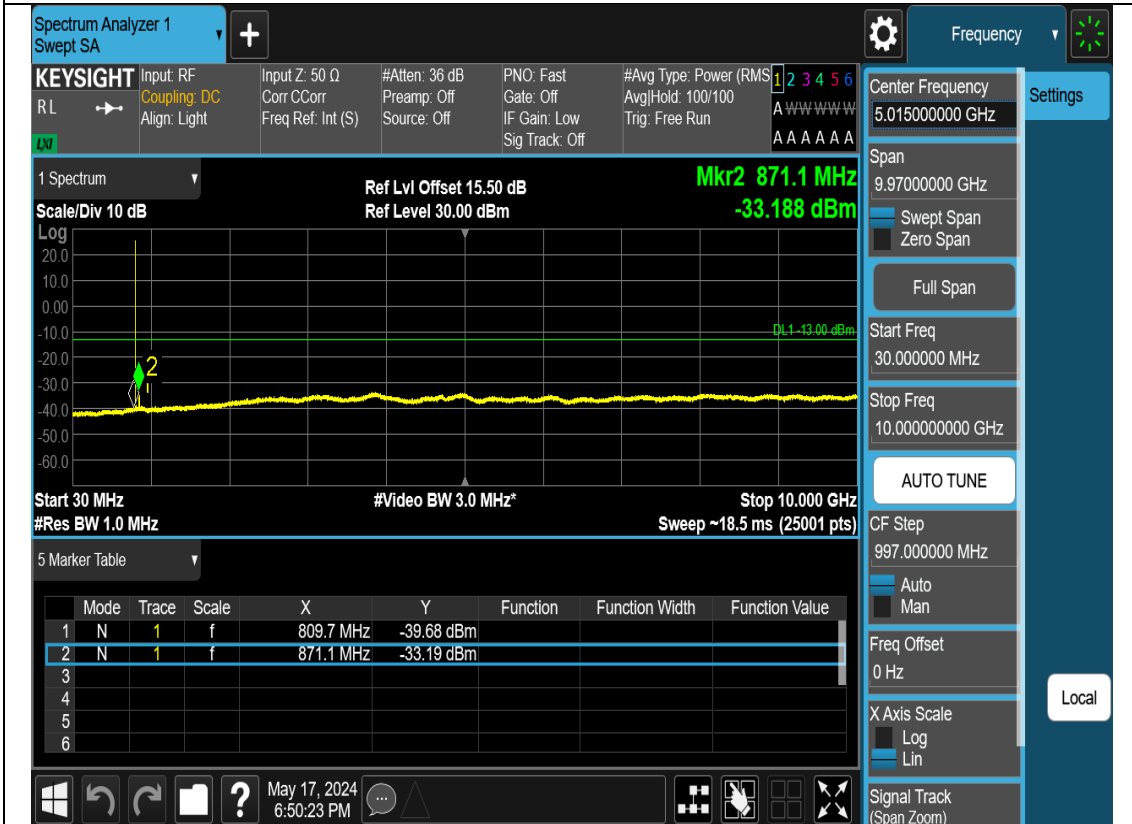
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	778.9 MHz	-39.65 dBm		
2	N	1	f	3.870 0 GHz	-33.73 dBm		
3							
4							
5							
6							

May 17, 2024 6:45:26 PM

N5-10M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N5-15M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N5-15M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input RF
RL Coupling: DC
Align: Light

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

Swept Span
Zero Span

Full Span

Start Freq 30.0000000 MHz

Stop Freq 10.000000000 GHz

AUTO TUNE

CF Step 997.0000000 MHz

Auto
Man

Freq Offset 0 Hz

X Axis Scale
Log
Lin

Signal Track (Span Zoom)

Settings

Local

1 Spectrum

Ref Lvl Offset 15.50 dB
Ref Level 30.00 dBm

Mkr2 3.890 0 GHz
-34.075 dBm

DL1 -13.00 dBm

Scale/Div 10 dB

Log

Start 30 MHz
#Res BW 1.0 MHz

#Video BW 3.0 MHz*
Sweep ~18.5 ms (25001 pts)

Stop 10.000 GHz

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	797.3 MHz	-39.83 dBm		
2	N	1	f	3.890 0 GHz	-34.07 dBm		
3							
4							
5							
6							

May 18, 2024
1:03:05 PM

N5-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input RF
RL Coupling: DC
Align: Light

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

Swept Span
Zero Span

Full Span

Start Freq 30.0000000 MHz

Stop Freq 10.000000000 GHz

AUTO TUNE

CF Step 997.0000000 MHz

Auto
Man

Freq Offset 0 Hz

X Axis Scale
Log
Lin

Signal Track (Span Zoom)

Settings

Local

1 Spectrum

Ref Lvl Offset 15.50 dB
Ref Level 30.00 dBm

Mkr2 3.892 0 GHz
-33.475 dBm

DL1 -13.00 dBm

Scale/Div 10 dB

Log

Start 30 MHz
#Res BW 1.0 MHz

#Video BW 3.0 MHz*
Sweep ~18.5 ms (25001 pts)

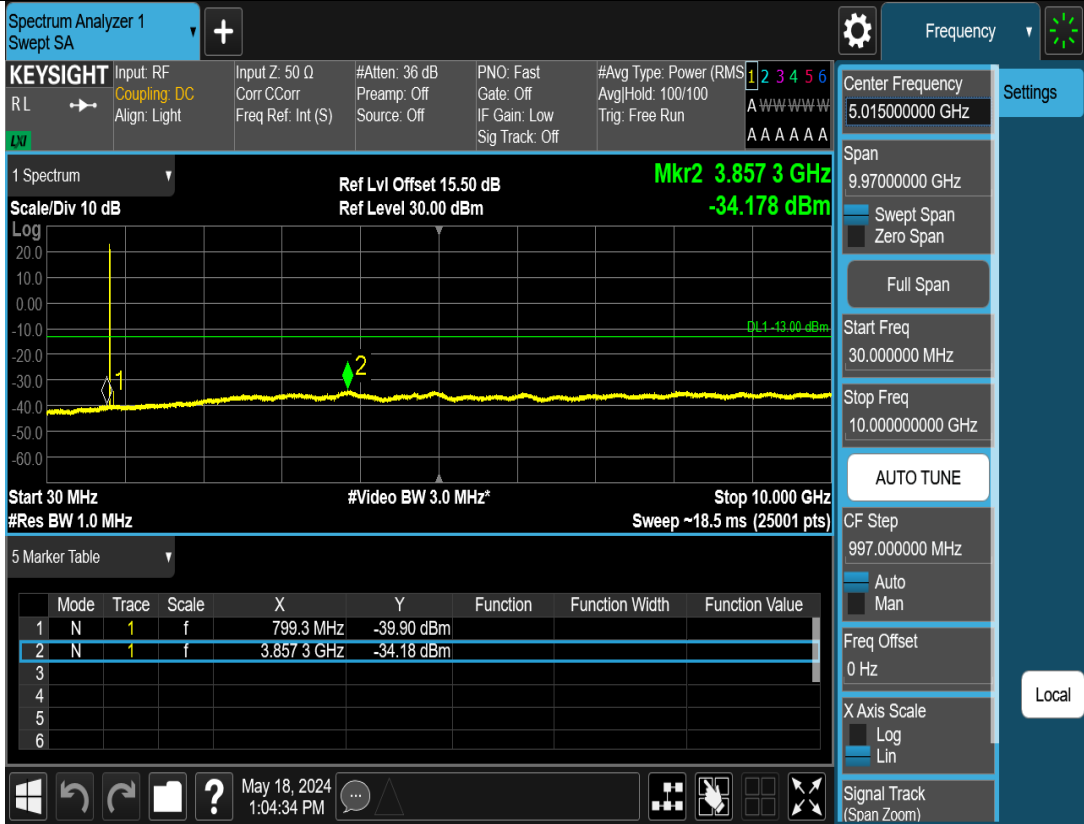
Stop 10.000 GHz

5 Marker Table

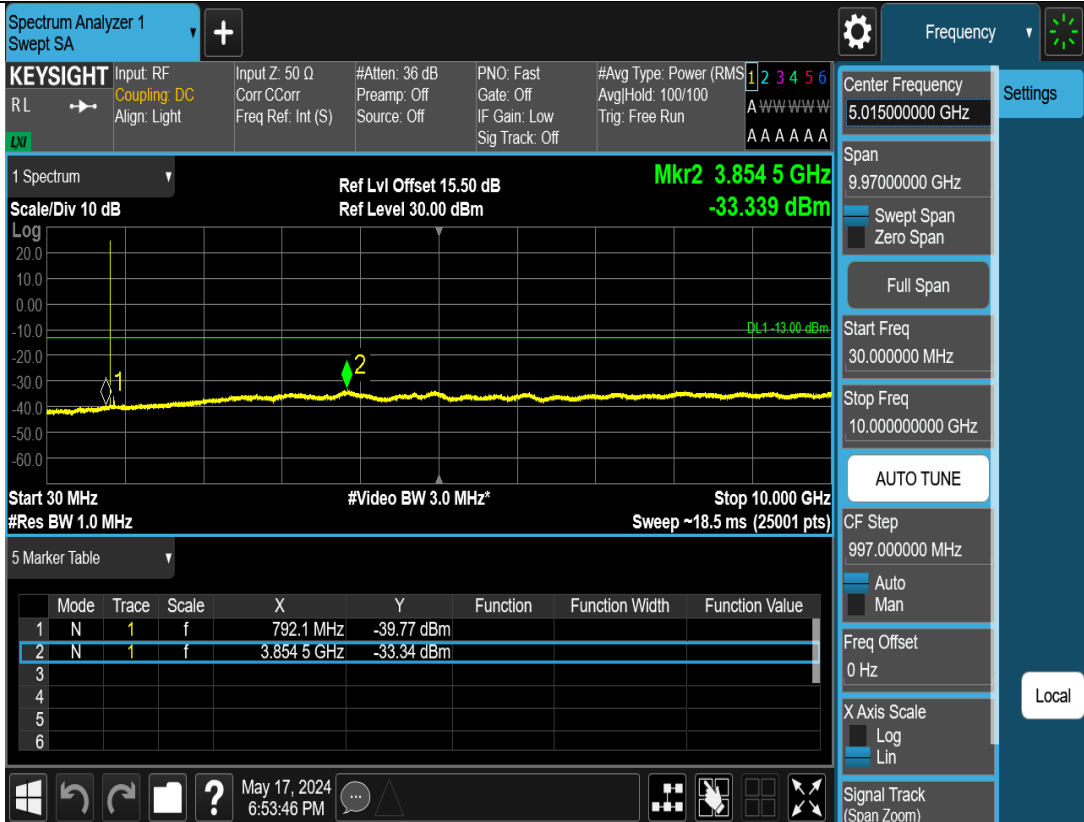
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	770.6 MHz	-39.47 dBm		
2	N	1	f	3.892 0 GHz	-33.47 dBm		
3							
4							
5							
6							

May 17, 2024
6:51:38 PM

N5-15M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N5-15M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N5-15M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF: Coupling: DC, Align: Light
 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
 Start Freq: 30.0000000 MHz
 Stop Freq: 10.000000000 GHz

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

Mkr2 3.857 3 GHz
 -34.105 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz
 Sweep ~18.5 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	803.7 MHz	-40.00 dBm		
2	N	1	f	3.857 3 GHz	-34.10 dBm		
3							
4							
5							
6							

May 18, 2024 1:07:07 PM

N5-20M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF: Coupling: DC, Align: Light
 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
 Start Freq: 30.0000000 MHz
 Stop Freq: 10.000000000 GHz

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

Mkr2 873.1 MHz
 -33.588 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz
 Sweep ~18.5 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	809.7 MHz	-39.60 dBm		
2	N	1	f	873.1 MHz	-33.59 dBm		
3							
4							
5							
6							

May 17, 2024 6:56:50 PM

N5-20M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Light

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 872.7 MHz -33.272 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.5 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	782.9 MHz	-39.84 dBm		
2	N	1	f	872.7 MHz	-33.27 dBm		
3							
4							
5							
6							

May 18, 2024 12:54:58 PM

N5-20M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Light

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 1 GHz -33.776 dBm

Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 10.000 GHz Sweep ~18.5 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	792.1 MHz	-39.74 dBm		
2	N	1	f	3.850 1 GHz	-33.78 dBm		
3							
4							
5							
6							

May 17, 2024 6:58:04 PM

N5-20M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF: Coupling: DC, Align: Light; 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 873.9 MHz, -32.543 dBm

Start 30 MHz, #Res BW 1.0 MHz, #Video BW 3.0 MHz*, Stop 10.000 GHz, Sweep ~18.5 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	807.7 MHz	-40.11 dBm		
2	N	1	f	873.9 MHz	-32.54 dBm		
3							
4							
5							
6							

May 18, 2024 12:56:27 PM

N5-20M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF: Coupling: DC, Align: Light; 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 877.1 MHz, -33.617 dBm

Start 30 MHz, #Res BW 1.0 MHz, #Video BW 3.0 MHz*, Stop 10.000 GHz, Sweep ~18.5 ms (25001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	767.8 MHz	-39.63 dBm		
2	N	1	f	877.1 MHz	-33.62 dBm		
3							
4							
5							
6							

May 17, 2024 7:00:18 PM

N5-20M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input RF
 RL Coupling: DC
 Align: Light
 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
 1 2 3 4 5 6
 A www www w
 A A A A A A A

Frequency

Center Frequency
5.015000000 GHz

Span
9.97000000 GHz

Swept Span
Zero Span

Full Span

Start Freq
30.000000 MHz

Stop Freq
10.000000000 GHz

AUTO TUNE

CF Step
997.000000 MHz

Auto
Man

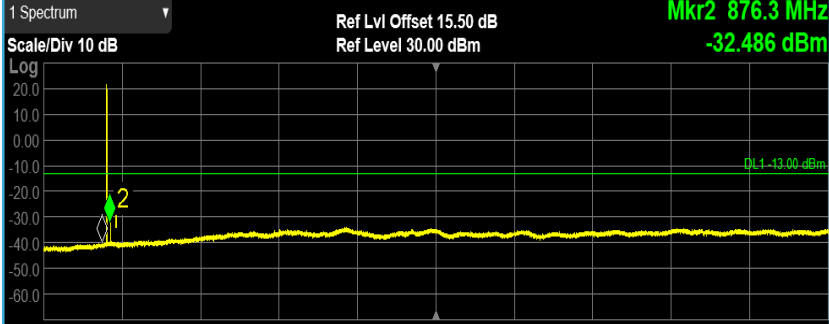
Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

Settings

Local



Start 30 MHz #Video BW 3.0 MHz* Stop 10.000 GHz
 #Res BW 1.0 MHz Sweep ~18.5 ms (25001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	771.8 MHz	-40.12 dBm		
2	N	1	f	876.3 MHz	-32.49 dBm		
3							
4							
5							
6							

Windows taskbar icons: Start, Back, Forward, File Explorer, Help, Date/Time (May 18, 2024 12:59:55 PM), Search, Zoom In, Zoom Out, Full Screen, Refresh.