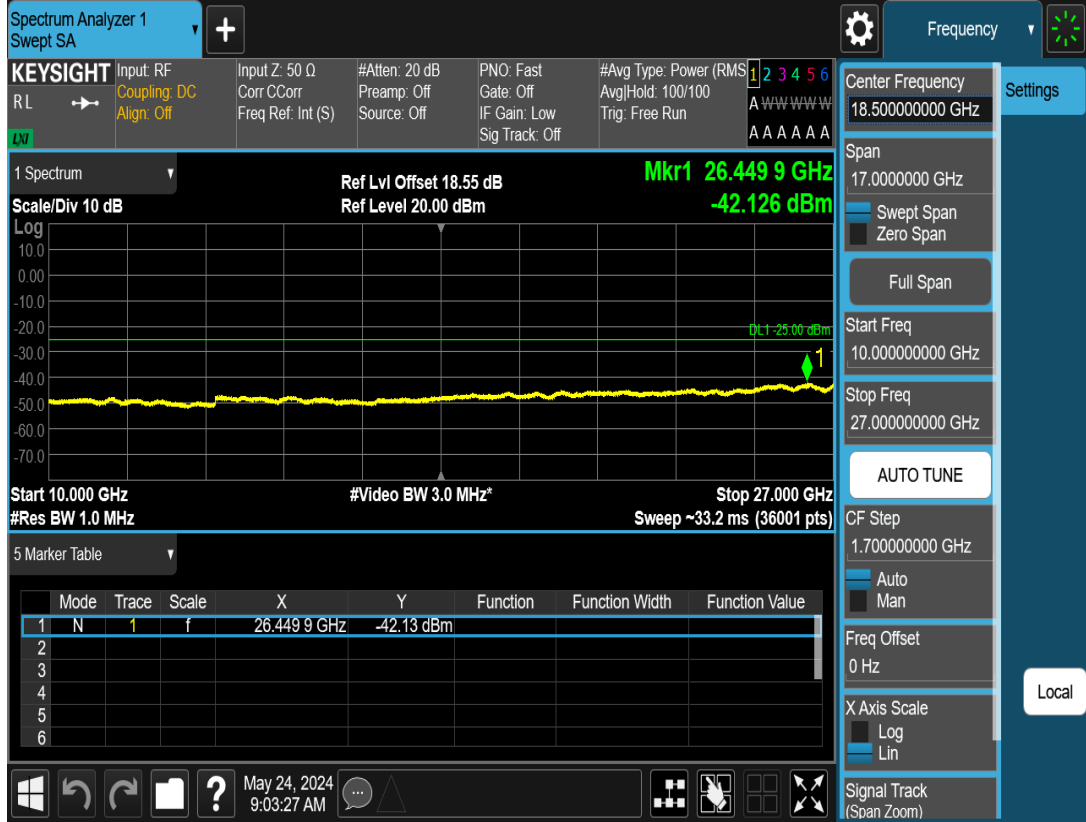
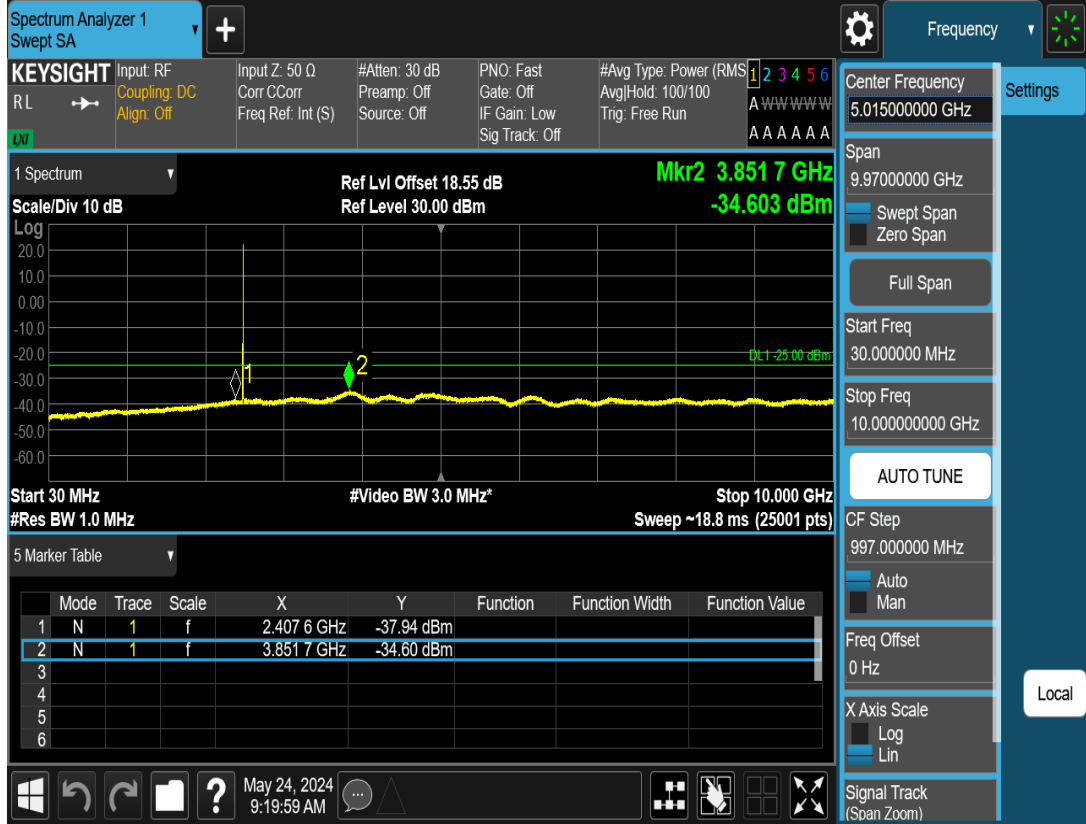


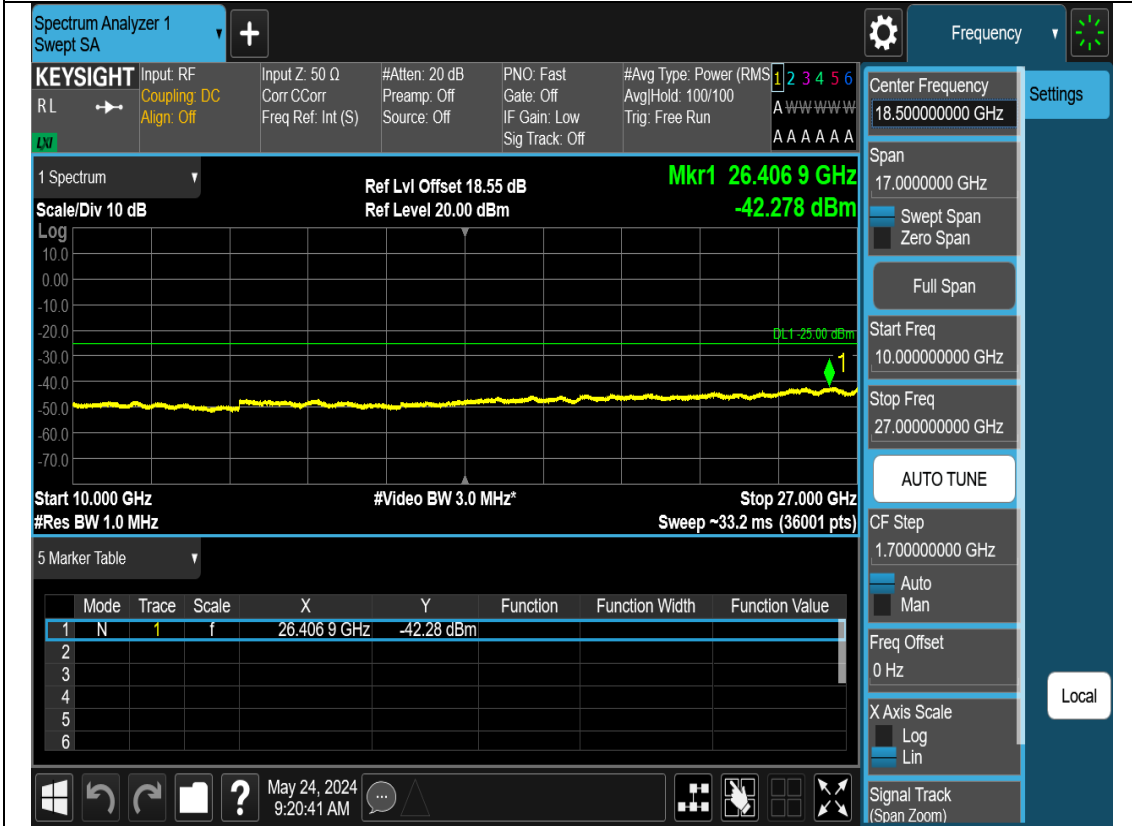
N41-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz



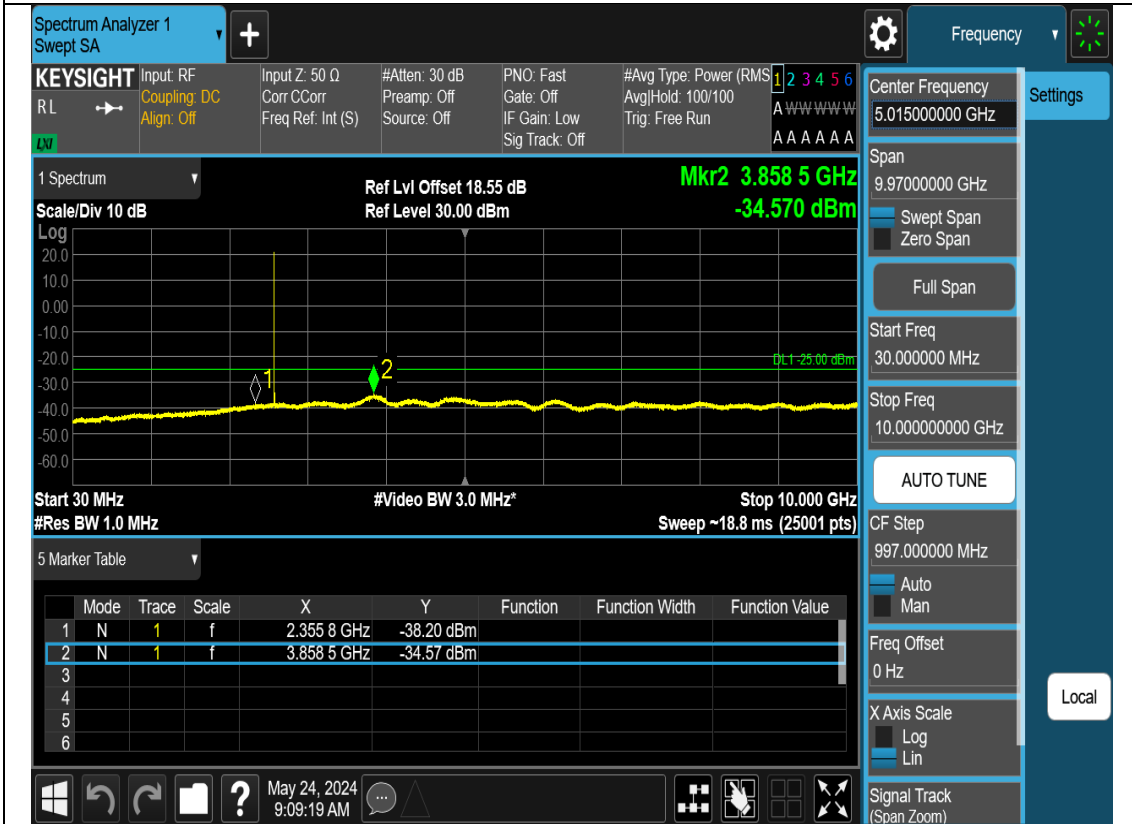
N41-10M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



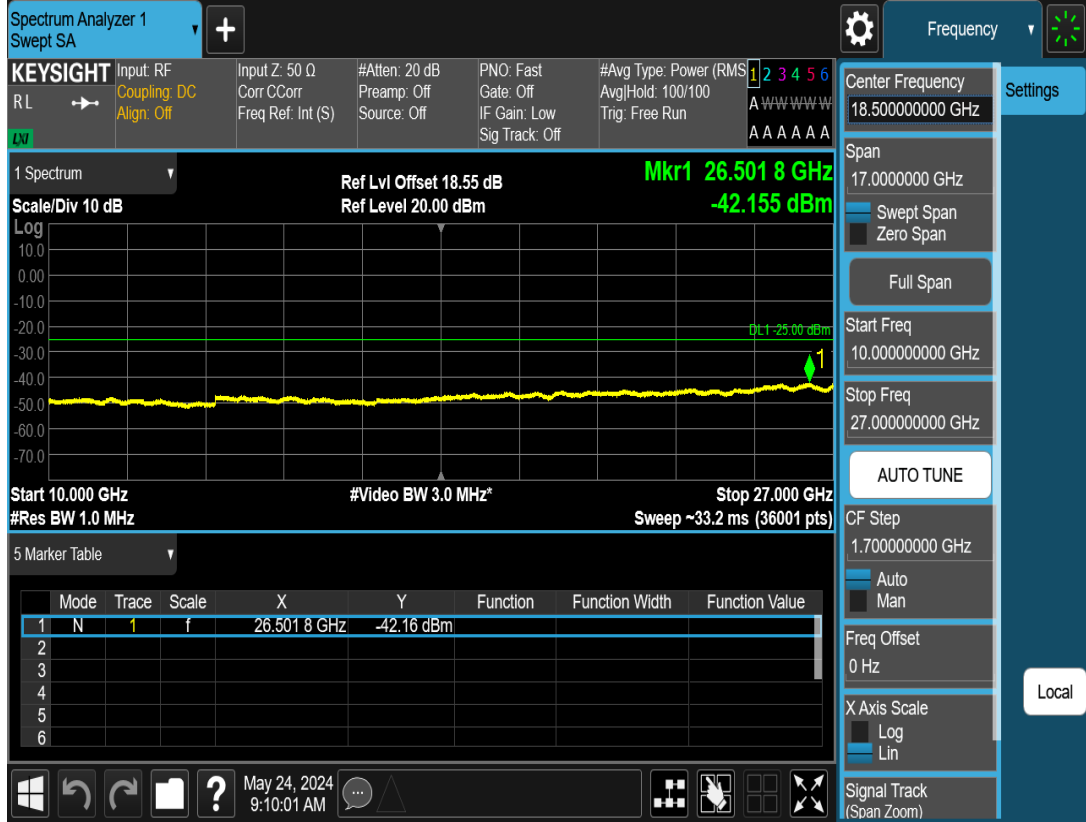
N41-10M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-27GHz



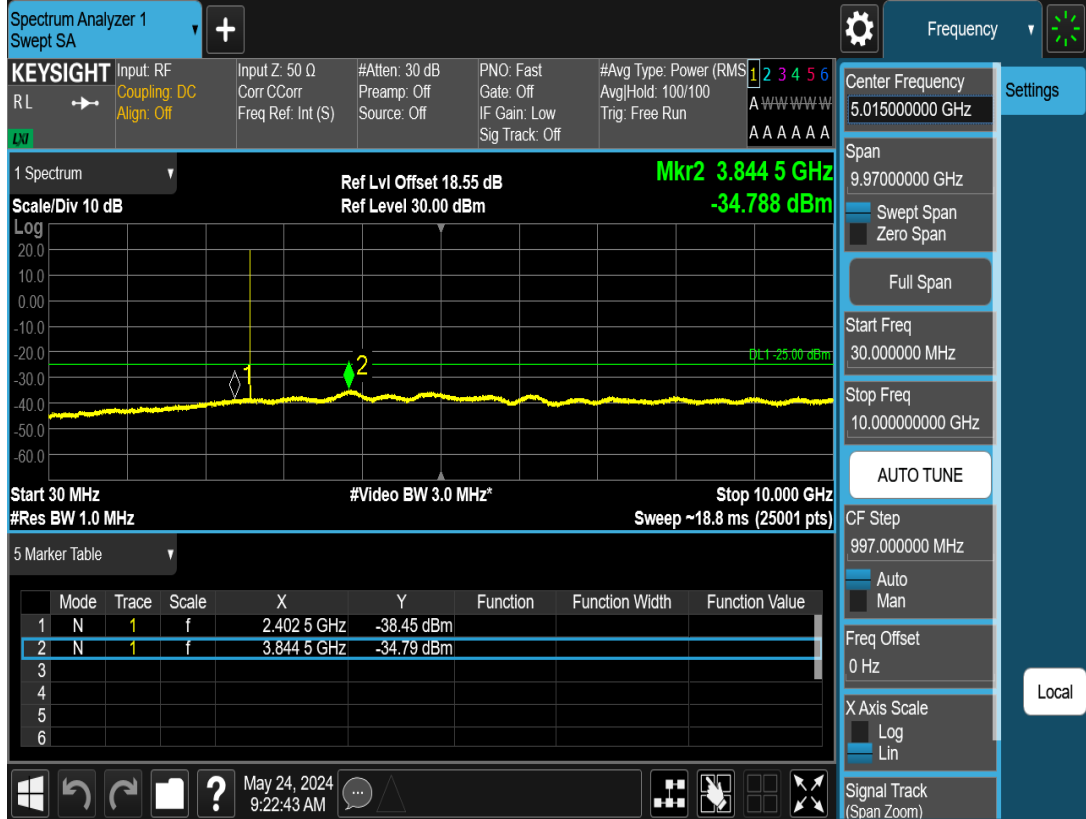
N41-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N41-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz



N41-10M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N41-10M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Input Z: 50 Ω #Atten: 20 dB PNO: Fast #Avg Type: Power (RMS) 1 2 3 4 5 6  
 RL Coupling: DC Corr CCorr Preamp: Off Gate: Off Avg/Hold: 100/100 A www www www  
 Align: Off Freq Ref: Int (S) Source: Off IF Gain: Low Trig: Free Run A A A A A A

Center Frequency 18.500000000 GHz Settings

Span 17.00000000 GHz  
 Swept Span  
 Zero Span  
 Full Span

Start Freq 10.000000000 GHz  
 Stop Freq 27.000000000 GHz

AUTO TUNE

CF Step 1.700000000 GHz  
 Auto  
 Man

Freq Offset 0 Hz

X Axis Scale  Log  Lin

Signal Track (Span Zoom)

Local

1 Spectrum Ref Lvl Offset 18.55 dB Mkr1 26.448 0 GHz  
 Scale/Div 10 dB Ref Level 20.00 dBm -42.352 dBm

Log

Start 10.000 GHz #Video BW 3.0 MHz\* Stop 27.000 GHz  
 #Res BW 1.0 MHz Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.448 0 GHz			-42.35 dBm
2							
3							
4							
5							
6							

May 24, 2024 9:23:24 AM

N41-10M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Input Z: 50 Ω #Atten: 30 dB PNO: Fast #Avg Type: Power (RMS) 1 2 3 4 5 6  
 RL Coupling: DC Corr CCorr Preamp: Off Gate: Off Avg/Hold: 100/100 A www www www  
 Align: Off Freq Ref: Int (S) Source: Off IF Gain: Low Trig: Free Run A A A A A A

Center Frequency 5.015000000 GHz Settings

Span 9.970000000 GHz  
 Swept Span  
 Zero Span  
 Full Span

Start Freq 30.000000000 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)

Local

1 Spectrum Ref Lvl Offset 18.55 dB Mkr2 3.880 4 GHz  
 Scale/Div 10 dB Ref Level 30.00 dBm -34.784 dBm

Log

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

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.426 8 GHz			-38.19 dBm
2	N	1	f	3.880 4 GHz			-34.78 dBm
3							
4							
5							
6							

May 24, 2024 9:13:17 AM

N41-10M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 20 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvgHold: 100/100 Trig: Free Run

Center Frequency: 18.500000000 GHz

Span: 17.000000000 GHz

Start Freq: 10.000000000 GHz

Stop Freq: 27.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB

Ref Level 20.00 dBm

Mkr1 26.472 1 GHz -42.147 dBm

Log

Start 10.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 27.000 GHz Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.472 1 GHz			-42.15 dBm
2							
3							
4							
5							
6							

May 24, 2024 9:13:59 AM

N41-10M-CSE-H-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: 30 dB Preamp: Off Source: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) AvgHold: 100/100 Trig: Free Run

Center Frequency: 5.015000000 GHz

Span: 9.970000000 GHz

Start Freq: 30.000000000 MHz

Stop Freq: 10.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB

Ref Level 30.00 dBm

Mkr2 3.875 6 GHz -34.626 dBm

Log

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

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.341 8 GHz			-38.37 dBm
2	N	1	f	3.875 6 GHz			-34.63 dBm
3							
4							
5							
6							

May 24, 2024 9:28:15 AM

N41-10M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Input Z: 50 Ω #Atten: 20 dB PNO: Fast #Avg Type: Power (RMS) 1 2 3 4 5 6  
 RL Coupling: DC Corr C/Corr Preamp: Off Gate: Off Avg/Hold: 100/100 A www www www  
 Align: Off Freq Ref: Int (S) Source: Off IF Gain: Low Trig: Free Run A A A A A A

Center Frequency 18.500000000 GHz Settings

Span 17.00000000 GHz  
 Swept Span  
 Zero Span  
 Full Span

Start Freq 10.000000000 GHz  
 Stop Freq 27.000000000 GHz

AUTO TUNE

CF Step 1.700000000 GHz  
 Auto  
 Man

Freq Offset 0 Hz

X Axis Scale Log  
 Lin

Signal Track (Span Zoom)

Local

1 Spectrum Ref Lvl Offset 18.55 dB Mkr1 26.457 4 GHz  
 Scale/Div 10 dB Ref Level 20.00 dBm -41.833 dBm

Log

Start 10.000 GHz #Video BW 3.0 MHz\* Stop 27.000 GHz  
 #Res BW 1.0 MHz Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.457 4 GHz			-41.83 dBm
2							
3							
4							
5							
6							

May 24, 2024 9:28:56 AM

N41-15M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Input Z: 50 Ω #Atten: 30 dB PNO: Fast #Avg Type: Power (RMS) 1 2 3 4 5 6  
 RL Coupling: DC Corr C/Corr Preamp: Off Gate: Off Avg/Hold: 100/100 A www www www  
 Align: Off Freq Ref: Int (S) Source: Off IF Gain: Low Trig: Free Run A A A A A A

Center Frequency 5.015000000 GHz Settings

Span 9.970000000 GHz  
 Swept Span  
 Zero Span  
 Full Span

Start Freq 30.000000000 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)

Local

1 Spectrum Ref Lvl Offset 18.55 dB Mkr2 3.830 6 GHz  
 Scale/Div 10 dB Ref Level 30.00 dBm -34.898 dBm

Log

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

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.395 3 GHz			-38.35 dBm
2	N	1	f	3.830 6 GHz			-34.90 dBm
3							
4							
5							
6							

May 24, 2024 9:34:26 AM

N41-15M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 20 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: 18.500000000 GHz

Span: 17.0000000 GHz

Start Freq: 10.000000000 GHz

Stop Freq: 27.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB

Ref Level 20.00 dBm

Mkr1 26.502 3 GHz -42.160 dBm

Log

Start 10.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 27.000 GHz Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.502 3 GHz			-42.16 dBm
2							
3							
4							
5							
6							

May 24, 2024 9:35:08 AM

N41-15M-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: 30 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 18.55 dB

Ref Level 30.00 dBm

Mkr2 3.774 3 GHz -34.858 dBm

Log

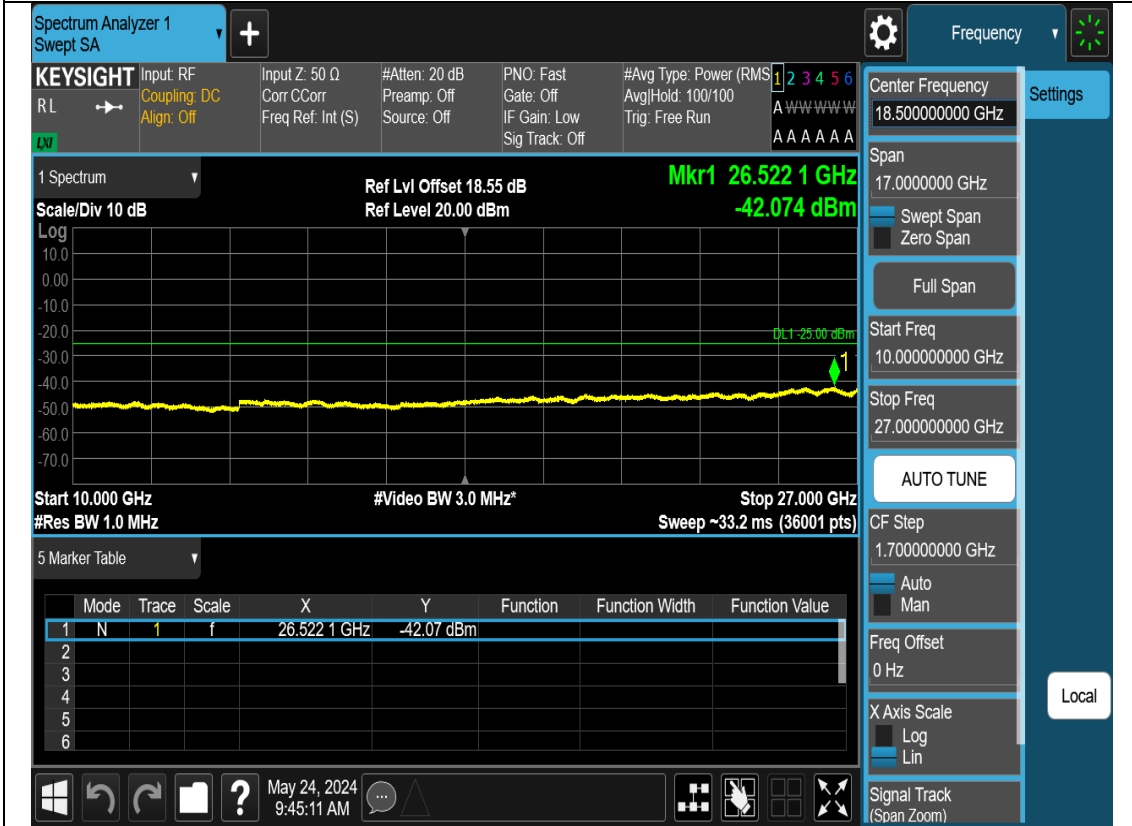
Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

5 Marker Table

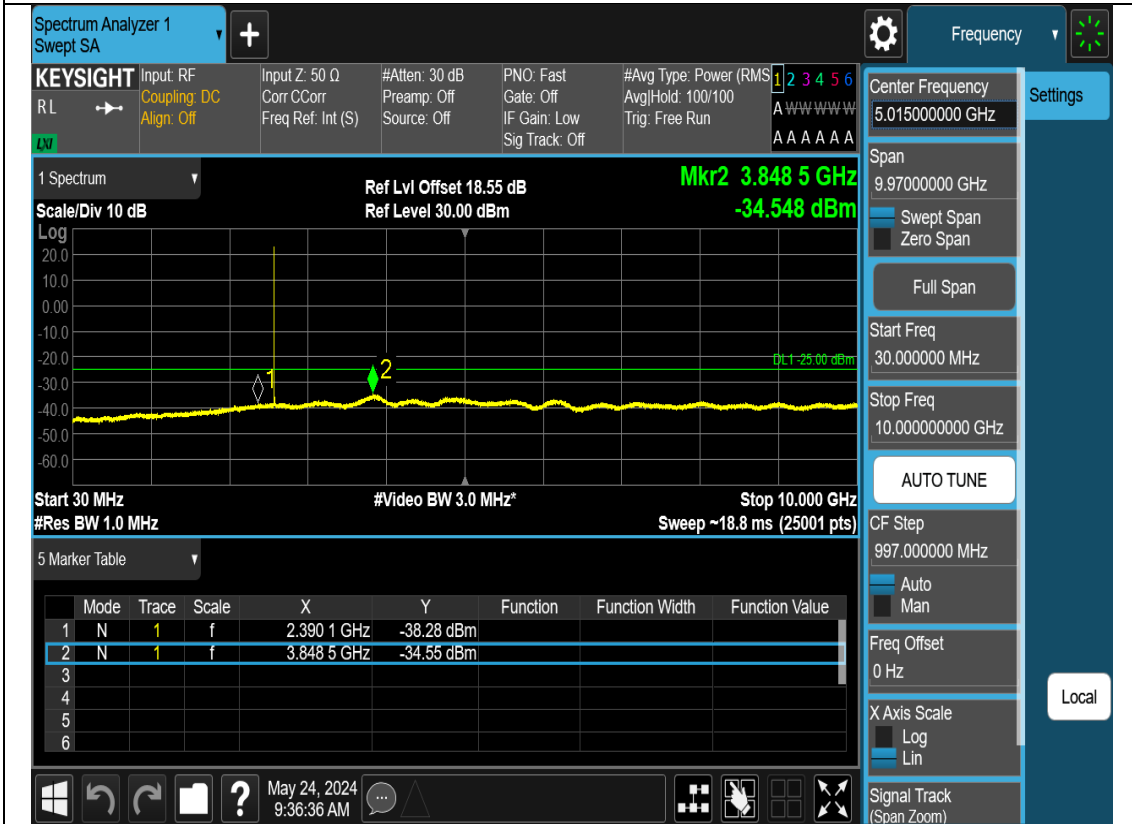
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.384 1 GHz			-38.40 dBm
2	N	1	f	3.774 3 GHz			-34.86 dBm
3							
4							
5							
6							

May 24, 2024 9:44:29 AM

N41-15M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-27GHz



N41-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz





N41-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 20 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: 18.500000000 GHz

Span: 17.000000000 GHz

Start Freq: 10.000000000 GHz

Stop Freq: 27.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB Ref Level 20.00 dBm

Mkr1 26.451 8 GHz -42.129 dBm

Start 10.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 27.000 GHz Sweep ~33.2 ms (36001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.451 8 GHz			-42.13 dBm
2							
3							
4							
5							
6							

May 24, 2024 9:37:17 AM

N41-15M-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: 30 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: 30.000000000 MHz

Stop Freq: 10.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB Ref Level 30.00 dBm

Mkr2 3.836 5 GHz -34.541 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	2.406 1 GHz			-38.09 dBm
2	N	1	f	3.836 5 GHz			-34.54 dBm
3							
4							
5							
6							

May 24, 2024 9:47:00 AM

N41-15M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Input Z: 50 Ω #Atten: 20 dB PNO: Fast #Avg Type: Power (RMS) 1 2 3 4 5 6  
 RL Coupling: DC Corr CCorr Preamp: Off Gate: Off Avg/Hold: 100/100 A www www www  
 Align: Off Freq Ref: Int (S) Source: Off IF Gain: Low Trig: Free Run A A A A A A

Center Frequency 18.500000000 GHz Settings

Span 17.00000000 GHz  
 Swept Span  
 Zero Span  
 Full Span

Start Freq 10.000000000 GHz  
 Stop Freq 27.000000000 GHz

AUTO TUNE

CF Step 1.700000000 GHz  
 Auto  
 Man

Freq Offset 0 Hz

X Axis Scale Log  
 Lin

Signal Track (Span Zoom)

Local

1 Spectrum Ref Lvl Offset 18.55 dB Mkr1 26.501 8 GHz  
 Scale/Div 10 dB Ref Level 20.00 dBm -41.961 dBm

Log

Start 10.000 GHz #Video BW 3.0 MHz\* Stop 27.000 GHz  
 #Res BW 1.0 MHz Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.501 8 GHz	-41.96 dBm		
2							
3							
4							
5							
6							

May 24, 2024 9:47:43 AM

N41-15M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Input Z: 50 Ω #Atten: 30 dB PNO: Fast #Avg Type: Power (RMS) 1 2 3 4 5 6  
 RL Coupling: DC Corr CCorr Preamp: Off Gate: Off Avg/Hold: 100/100 A www www www  
 Align: Off Freq Ref: Int (S) Source: Off IF Gain: Low Trig: Free Run A A A A A A

Center Frequency 5.015000000 GHz Settings

Span 9.970000000 GHz  
 Swept Span  
 Zero Span  
 Full Span

Start Freq 30.000000000 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)

Local

1 Spectrum Ref Lvl Offset 18.55 dB Mkr2 3.865 3 GHz  
 Scale/Div 10 dB Ref Level 30.00 dBm -34.700 dBm

Log

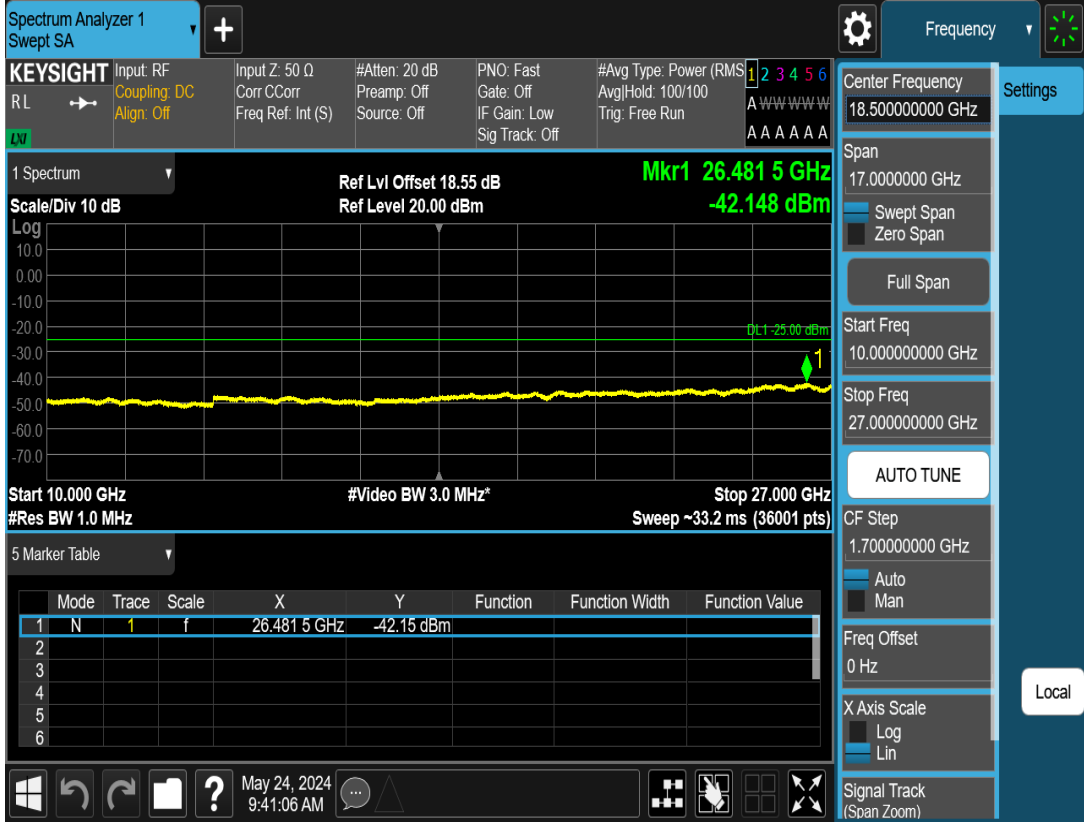
Start 30 MHz #Video BW 3.0 MHz\* Stop 10.000 GHz  
 #Res BW 1.0 MHz Sweep ~18.8 ms (25001 pts)

5 Marker Table

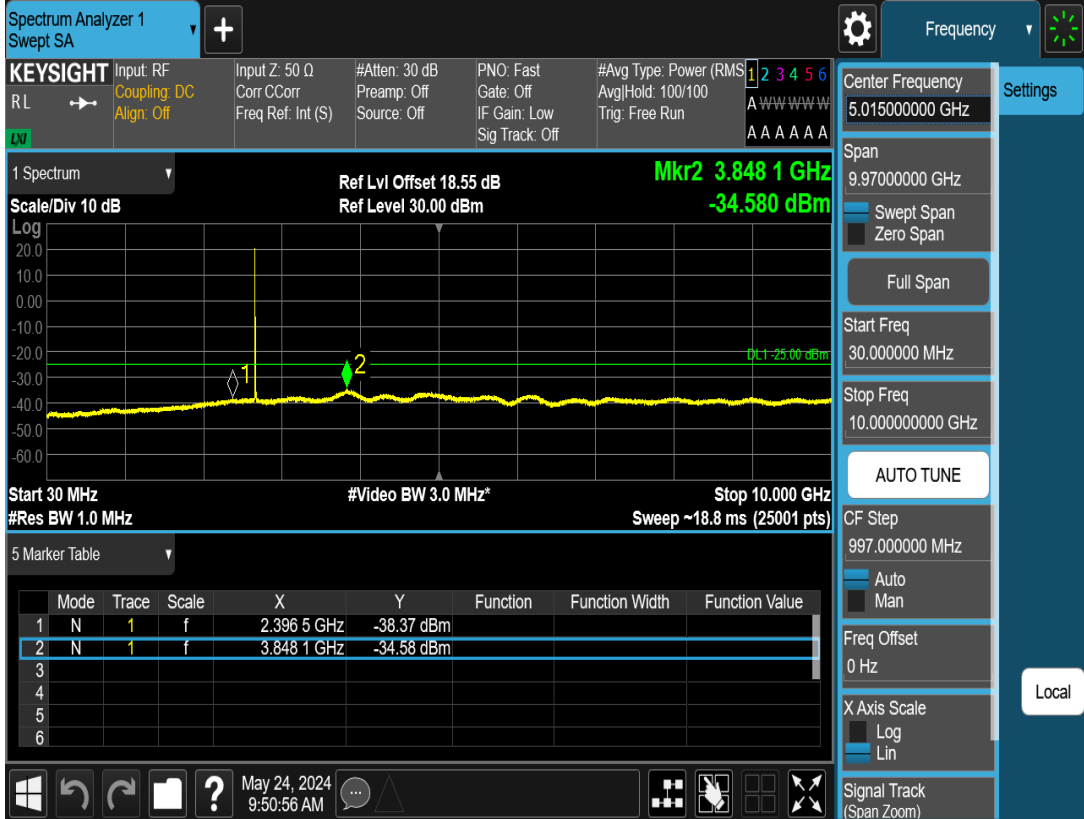
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.398 9 GHz	-38.35 dBm		
2	N	1	f	3.865 3 GHz	-34.70 dBm		
3							
4							
5							
6							

May 24, 2024 9:40:24 AM

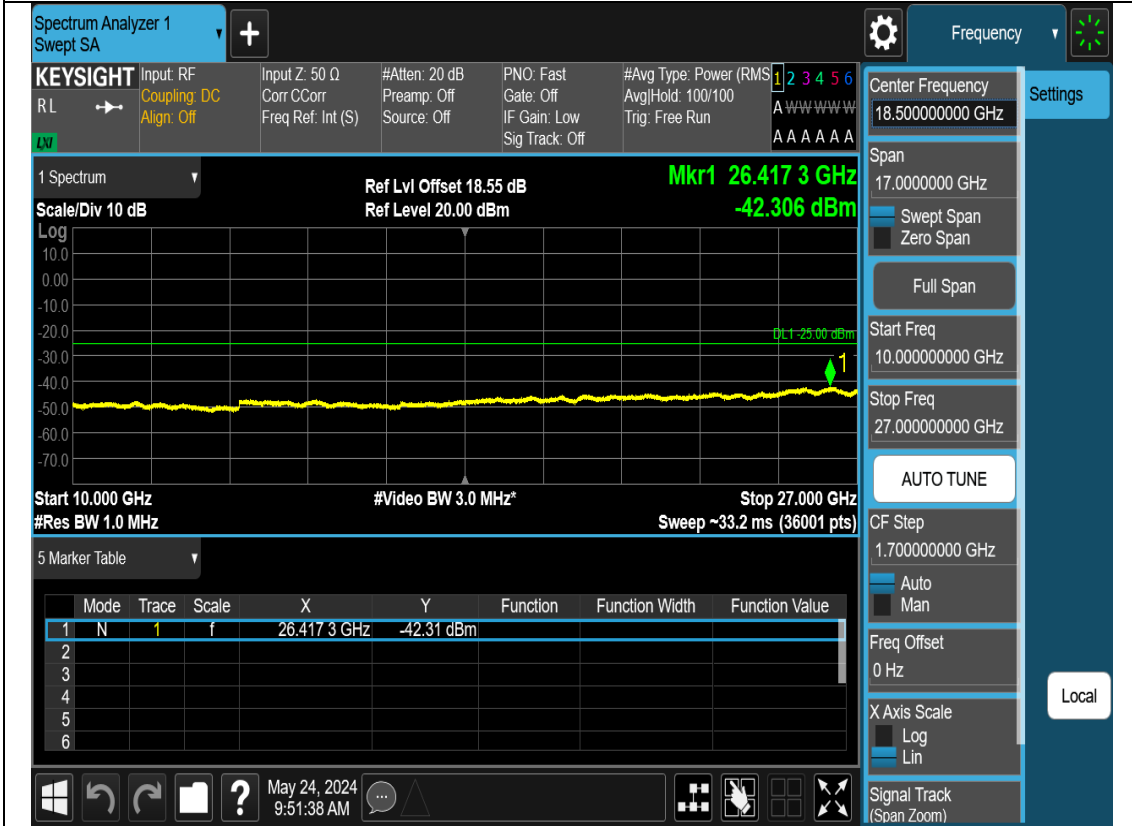
N41-15M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz



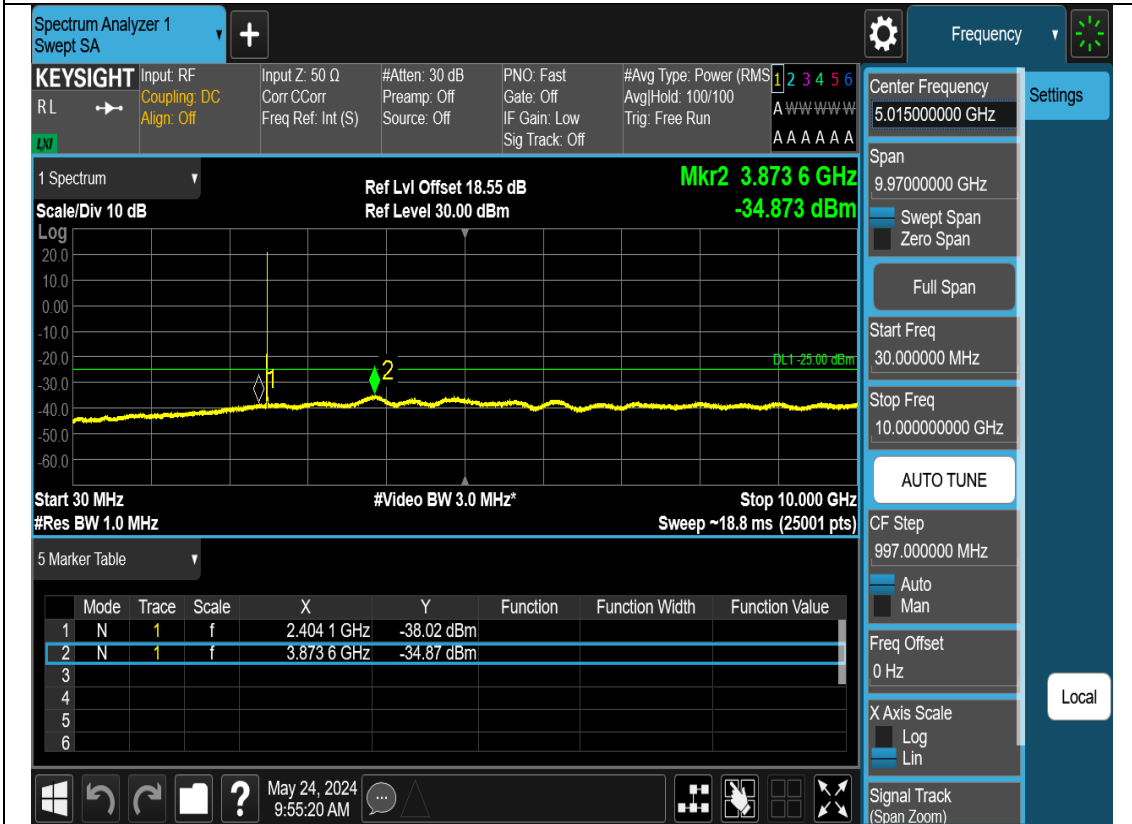
N41-15M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N41-15M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-27GHz



N41-20M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N41-20M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 20 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 18.500000000 GHz

Span 17.0000000 GHz

Start Freq 10.000000000 GHz

Stop Freq 27.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB

Ref Level 20.00 dBm

Mkr1 26.484 8 GHz -41.991 dBm

Log

Start 10.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 27.000 GHz Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.484 8 GHz			-41.99 dBm
2							
3							
4							
5							
6							

May 24, 2024 9:56:02 AM

N41-20M-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: 30 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

Start Freq 30.0000000 MHz

Stop Freq 10.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB

Ref Level 30.00 dBm

Mkr2 3.873 6 GHz -34.876 dBm

Log

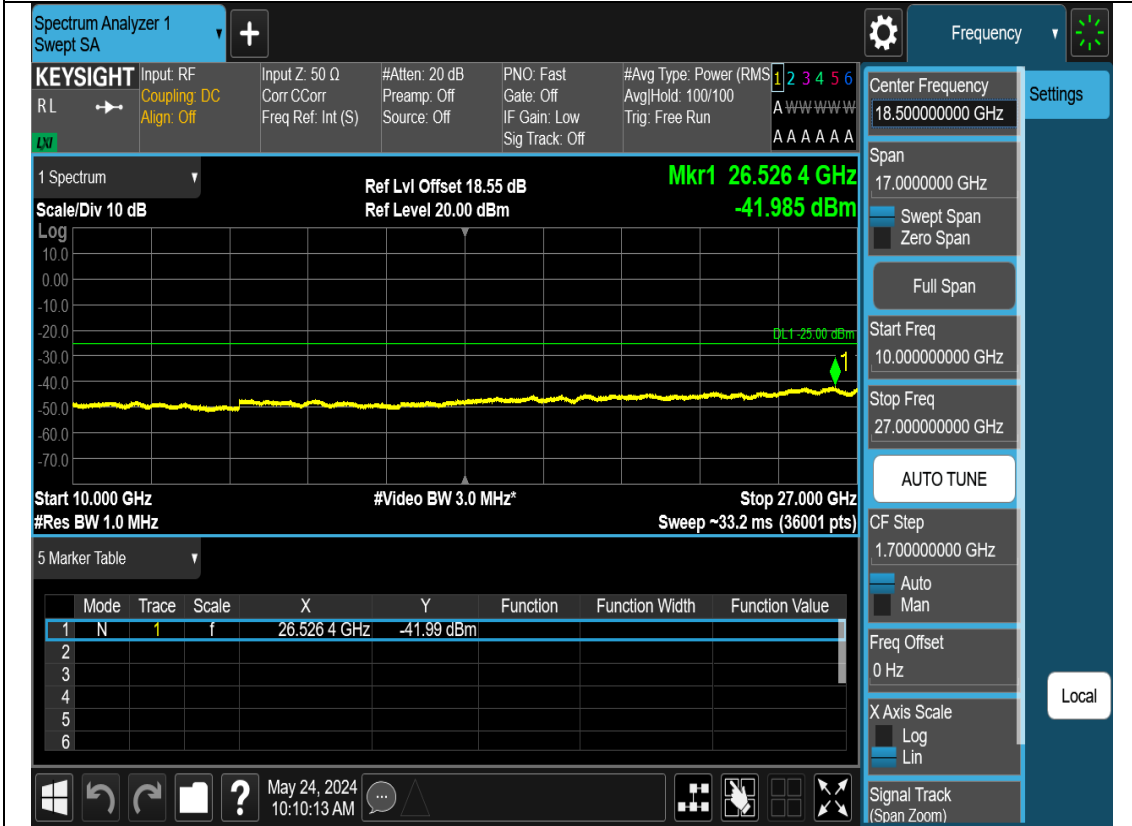
Start 30 MHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 10.000 GHz Sweep ~18.8 ms (25001 pts)

5 Marker Table

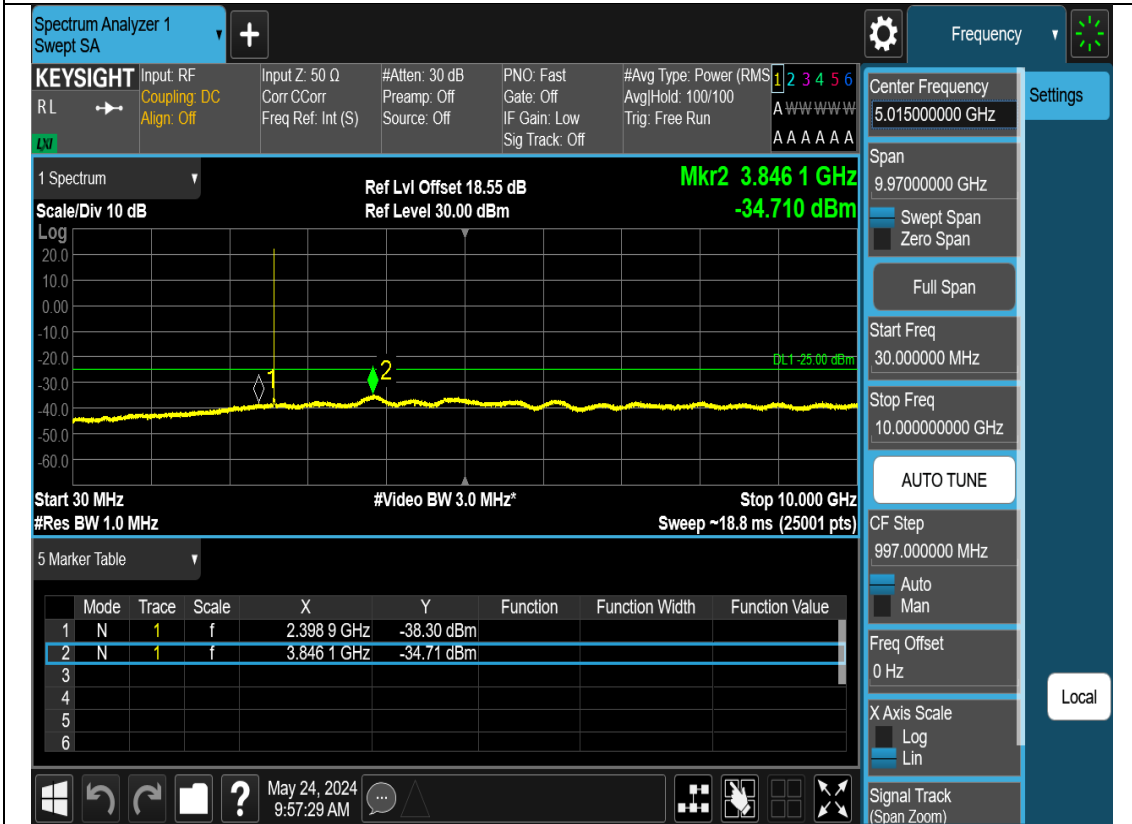
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.439 5 GHz			-38.39 dBm
2	N	1	f	3.873 6 GHz			-34.88 dBm
3							
4							
5							
6							

May 24, 2024 10:09:31 AM

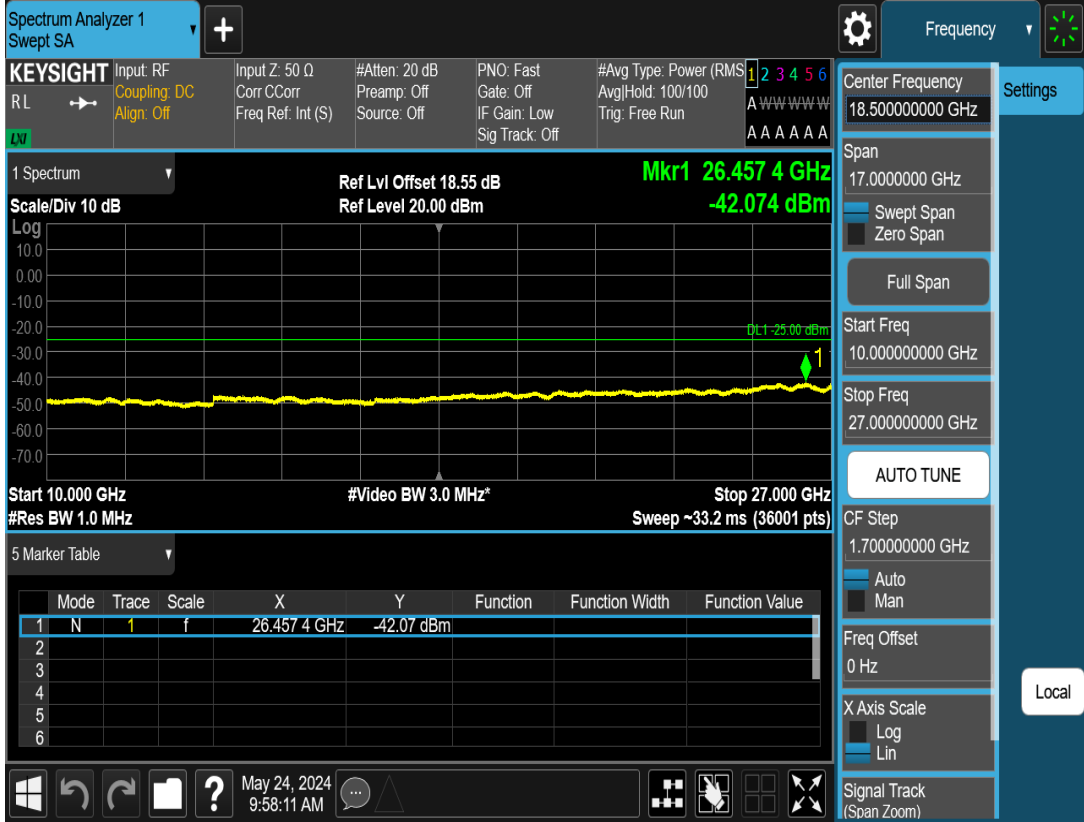
N41-20M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-27GHz



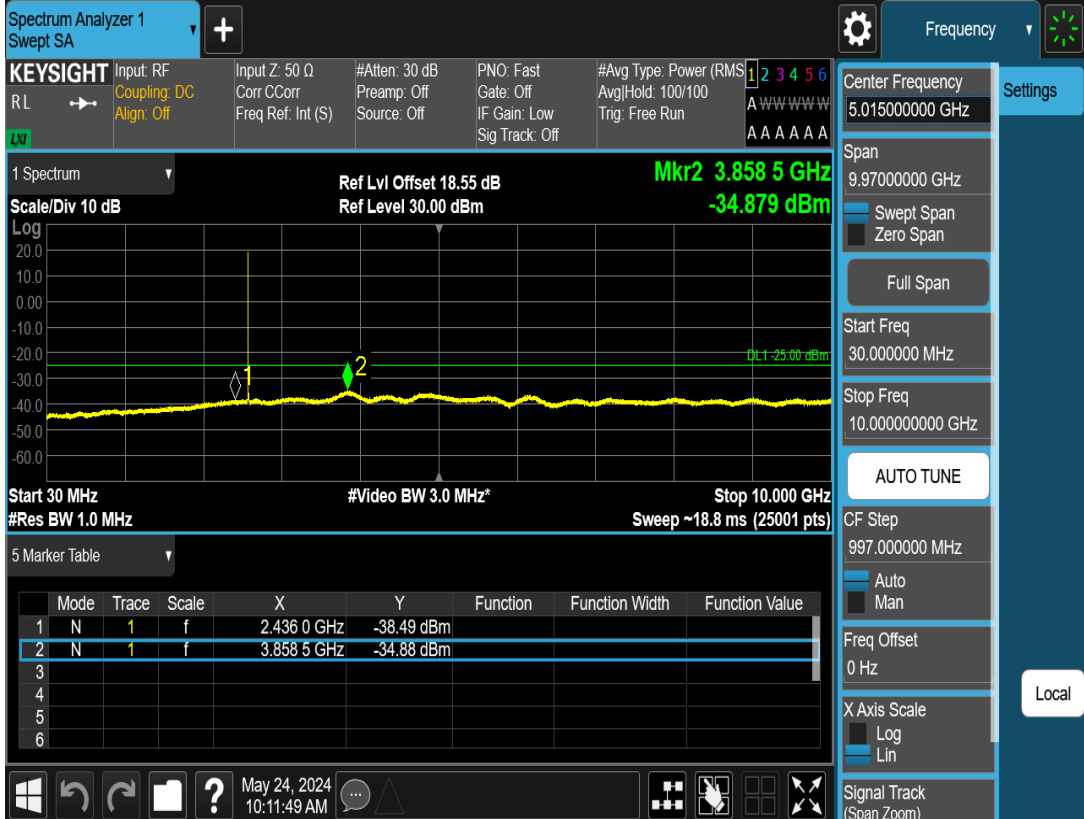
N41-20M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N41-20M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz



N41-20M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N41-20M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 20 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: 18.500000000 GHz

Span: 17.000000000 GHz

Start Freq: 10.000000000 GHz

Stop Freq: 27.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB Ref Level 20.00 dBm

Mkr1 26.449 9 GHz -42.216 dBm

Log

Start 10.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 27.000 GHz Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.449 9 GHz			-42.22 dBm
2							
3							
4							
5							
6							

May 24, 2024 10:12:31 AM

N41-20M-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: 30 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: 30.000000000 MHz

Stop Freq: 10.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB Ref Level 30.00 dBm

Mkr2 3.830 6 GHz -34.689 dBm

Log

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

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.380 5 GHz			-38.31 dBm
2	N	1	f	3.830 6 GHz			-34.69 dBm
3							
4							
5							
6							

May 24, 2024 10:01:30 AM



N41-20M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-27GHz

Spectrum Analyzer 1 Swept SA

KEYSIGHT Input RF Coupling: DC Align: Off

Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) #Atten: 20 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: 18.500000000 GHz

Span: 17.000000000 GHz

Start Freq: 10.000000000 GHz

Stop Freq: 27.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB Ref Level 20.00 dBm

Mkr1 25.898 8 GHz -42.066 dBm

Start 10.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz\* Stop 27.000 GHz Sweep ~33.2 ms (36001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	25.898 8 GHz			-42.07 dBm
2							
3							
4							
5							
6							

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N41-20M-CSE-H-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: 30 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: 30.000000000 MHz

Stop Freq: 10.000000000 GHz

Scale/Div 10 dB

Ref Lvl Offset 18.55 dB Ref Level 30.00 dBm

Mkr2 3.865 7 GHz -34.639 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	2.433 6 GHz			-38.46 dBm
2	N	1	f	3.865 7 GHz			-34.64 dBm
3							
4							
5							
6							

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N41-20M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-27GHz

**Spectrum Analyzer 1**  
Swept SA

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

Input Z: 50 Ω    #Atten: 20 dB    PNO: Fast    #Avg Type: Power (RMS) 1 2 3 4 5 6  
 Corr: CCorr    Preamp: Off    Gate: Off    Avg/Hold: 100/100  
 Freq Ref: Int (S)    Source: Off    IF Gain: Low    Trig: Free Run  
 Sig Track: Off

1 Spectrum    Ref Lvl Offset 18.55 dB    **Mkr1 26.482 4 GHz**  
 Scale/Div 10 dB    Ref Level 20.00 dBm    **-42.068 dBm**

Start 10.000 GHz    #Video BW 3.0 MHz\*    Stop 27.000 GHz  
 #Res BW 1.0 MHz    Sweep ~33.2 ms (36001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	26.482 4 GHz	-42.07 dBm		
2							
3							
4							
5							
6							

Frequency

Center Frequency  
18.500000000 GHz

Span  
17.0000000 GHz

Swept Span  
Zero Span

Full Span

Start Freq  
10.000000000 GHz

Stop Freq  
27.000000000 GHz

AUTO TUNE

CF Step  
1.700000000 GHz

Auto  
Man

Freq Offset  
0 Hz

X Axis Scale  
Log  
Lin

Signal Track  
(Span Zoom)

Settings

Local

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