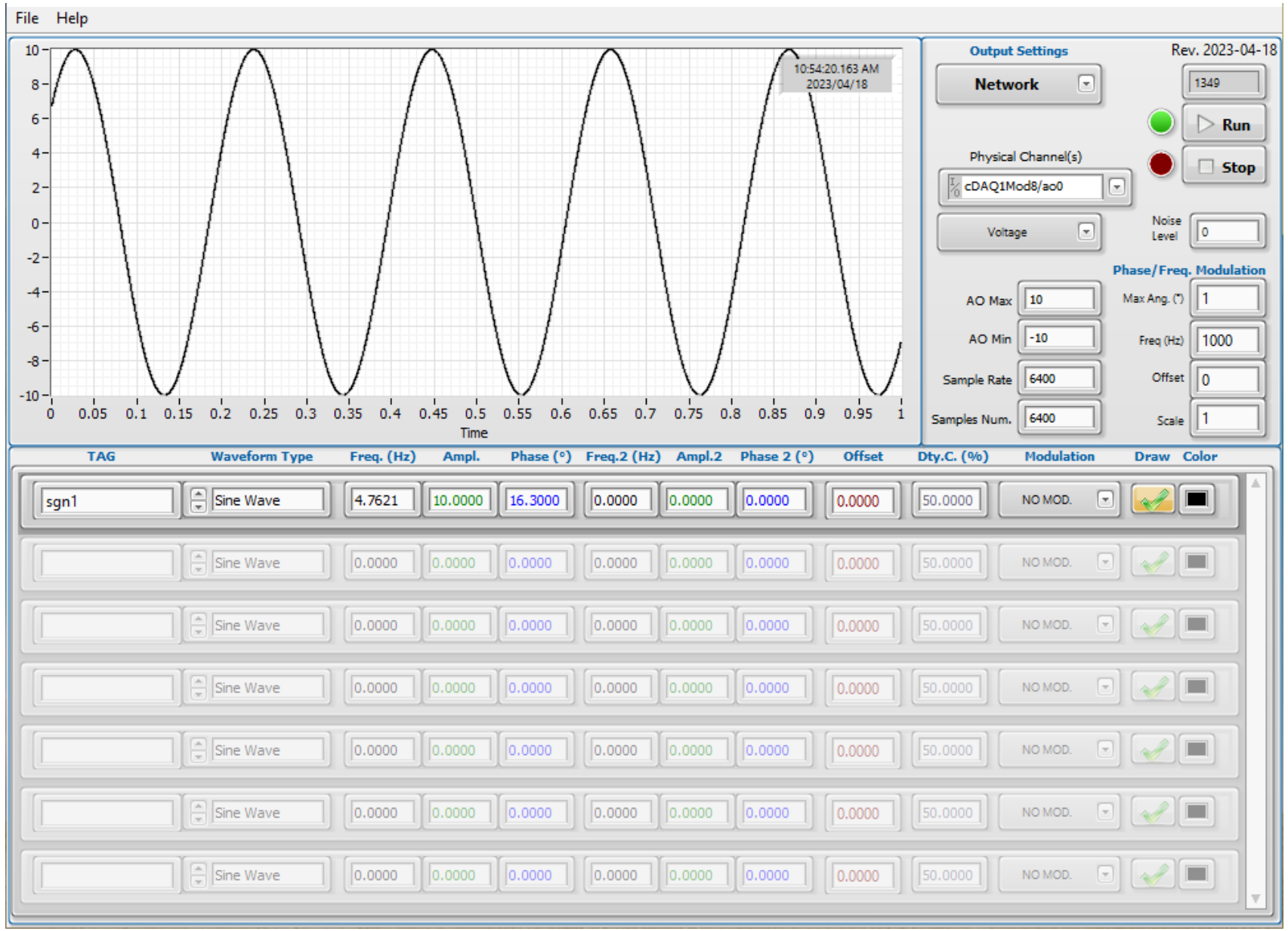
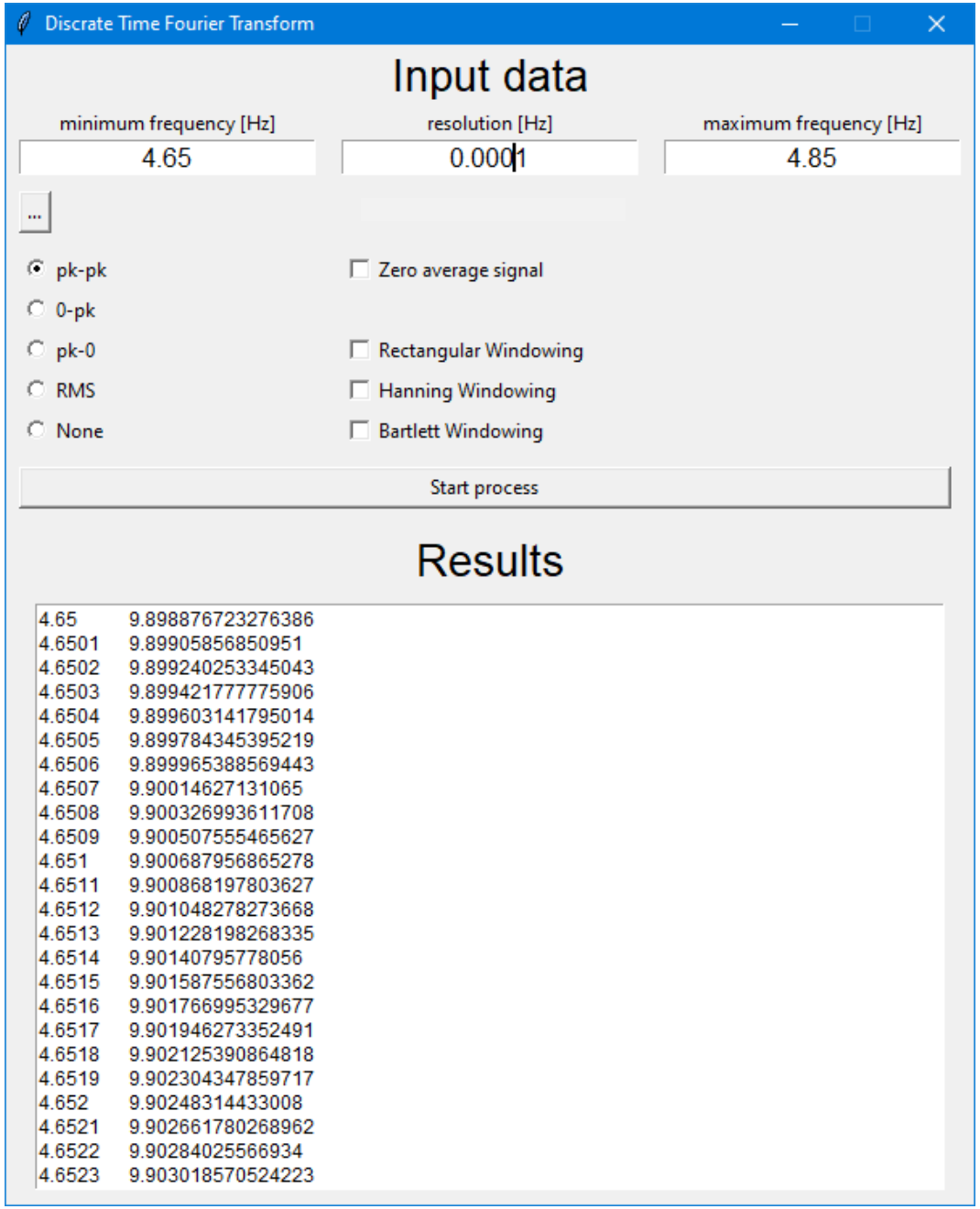
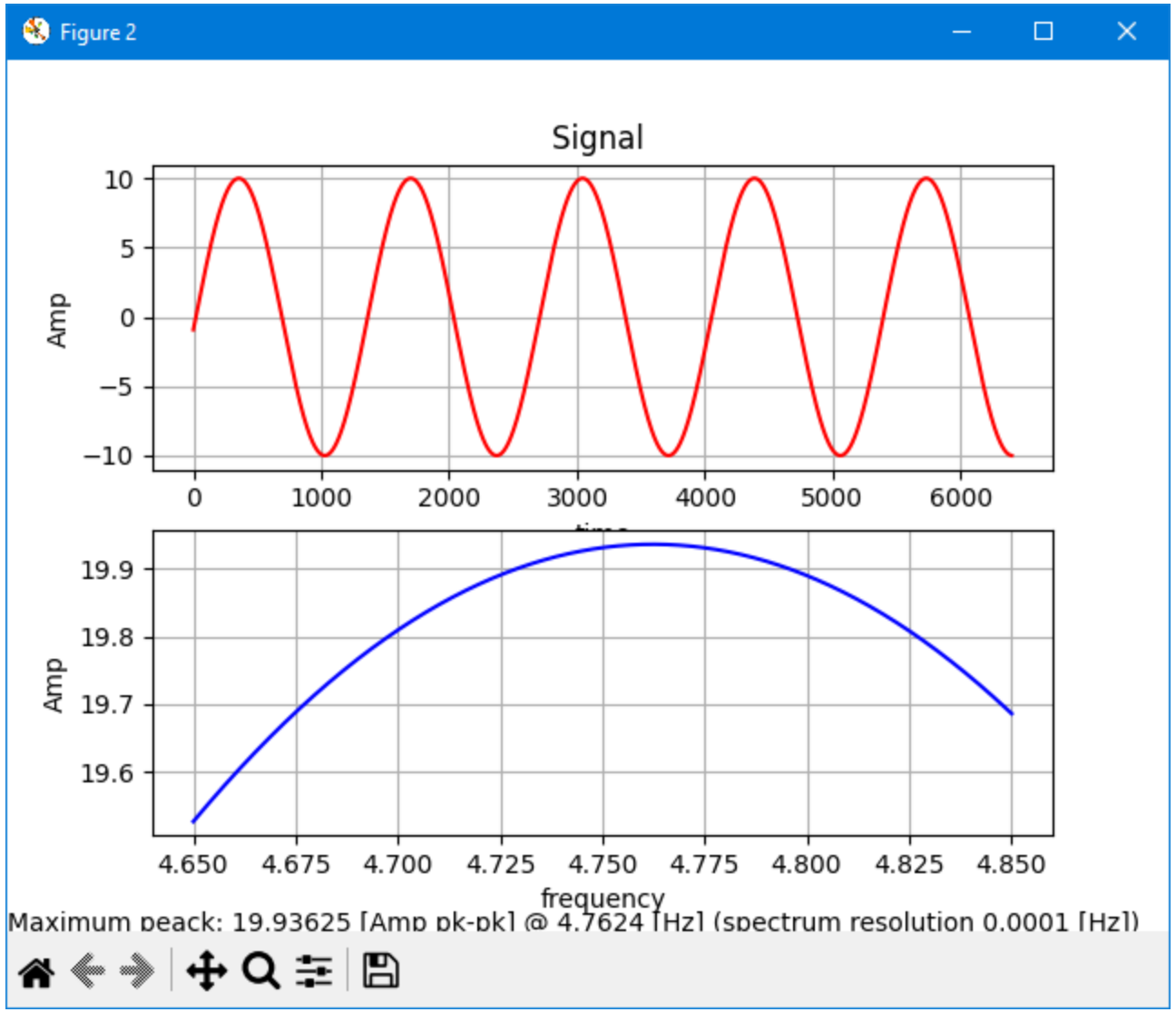
Segnale di test



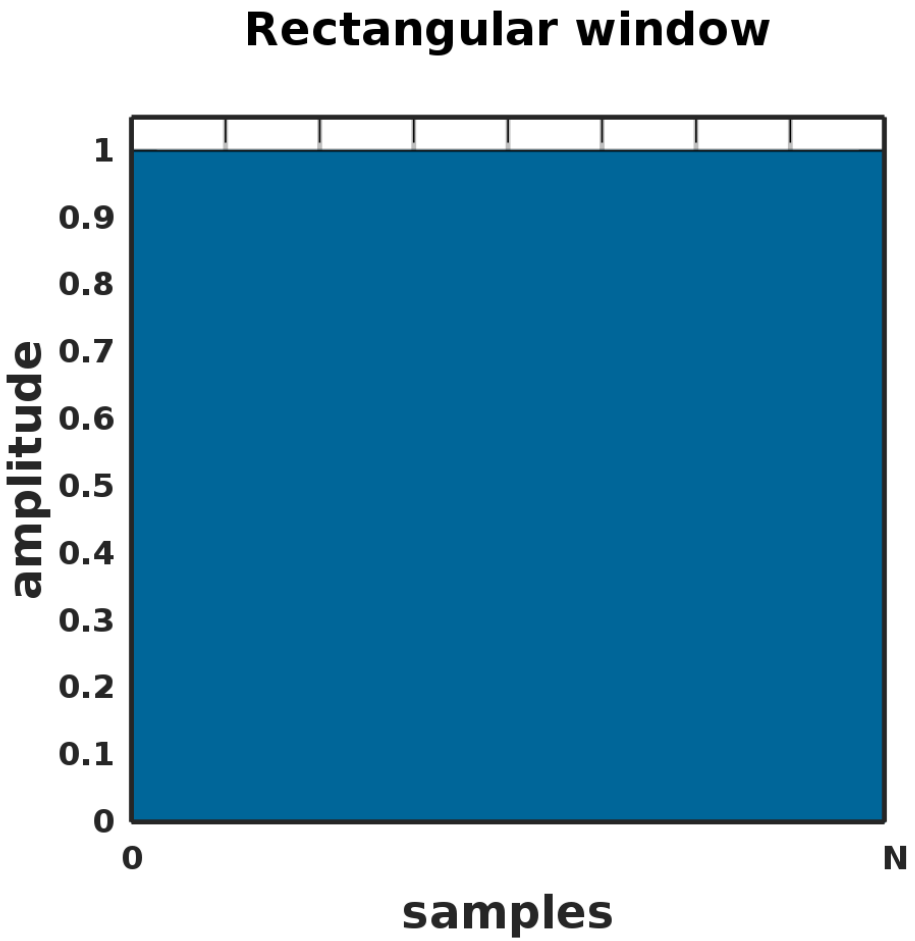


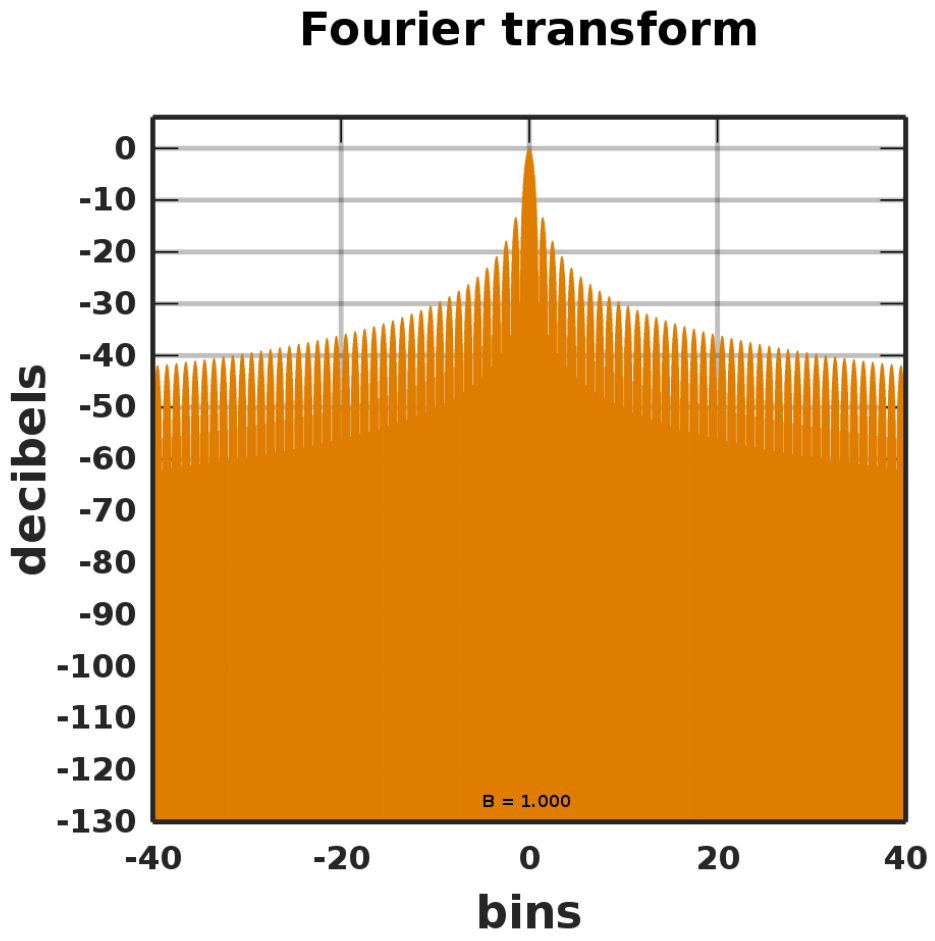
Time required for the process around 38.02 seconds

Output senza finestratura del segnale



Rectangualr window





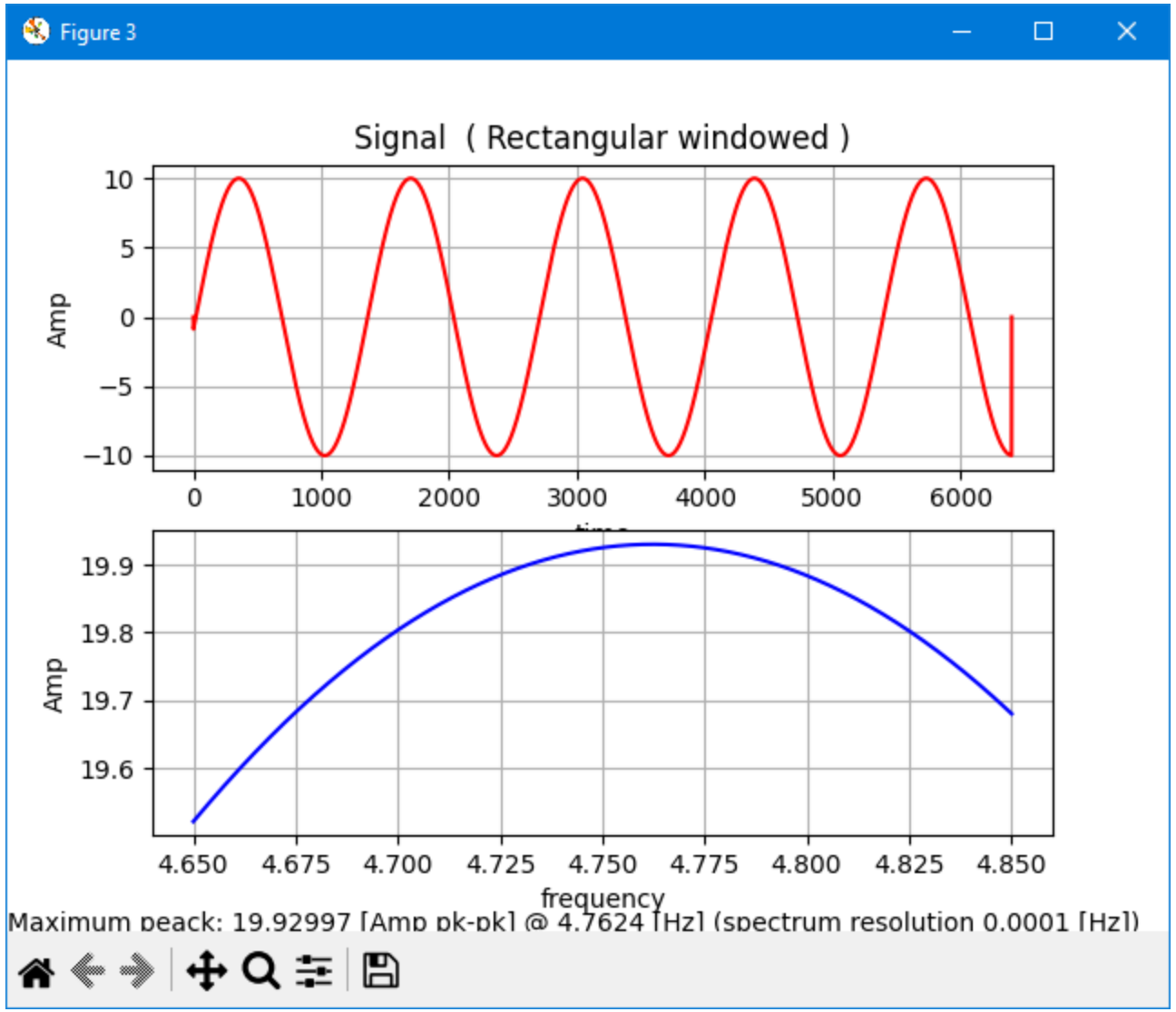
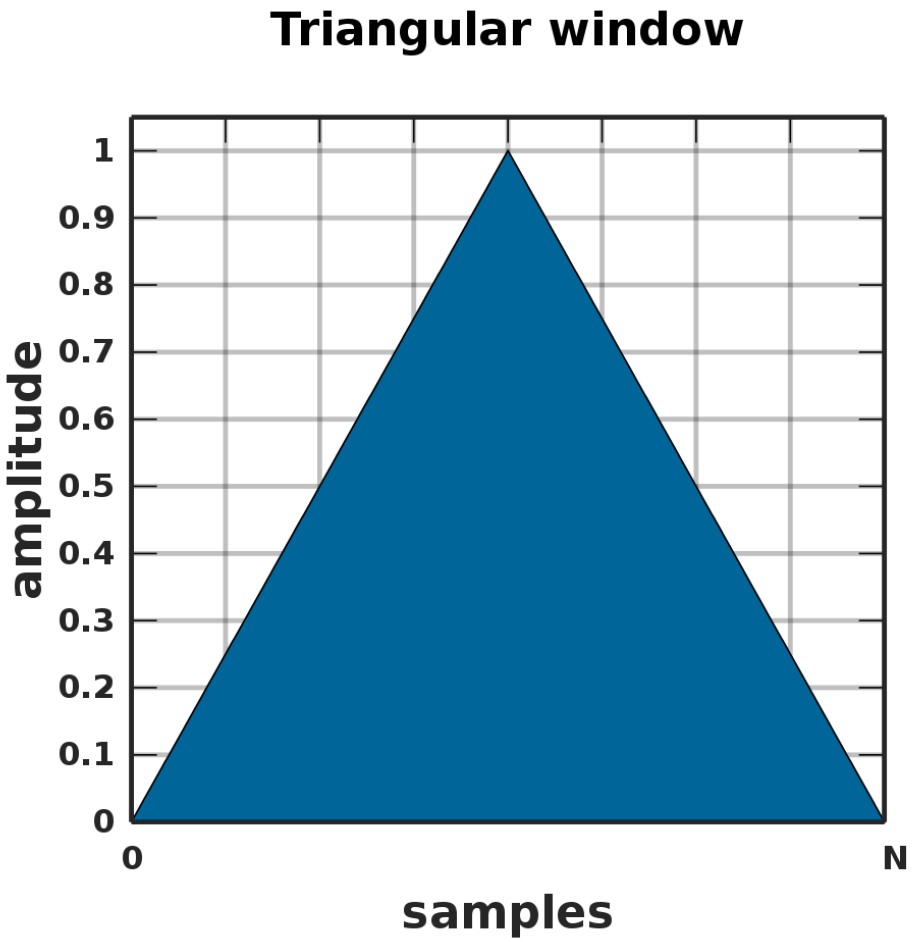
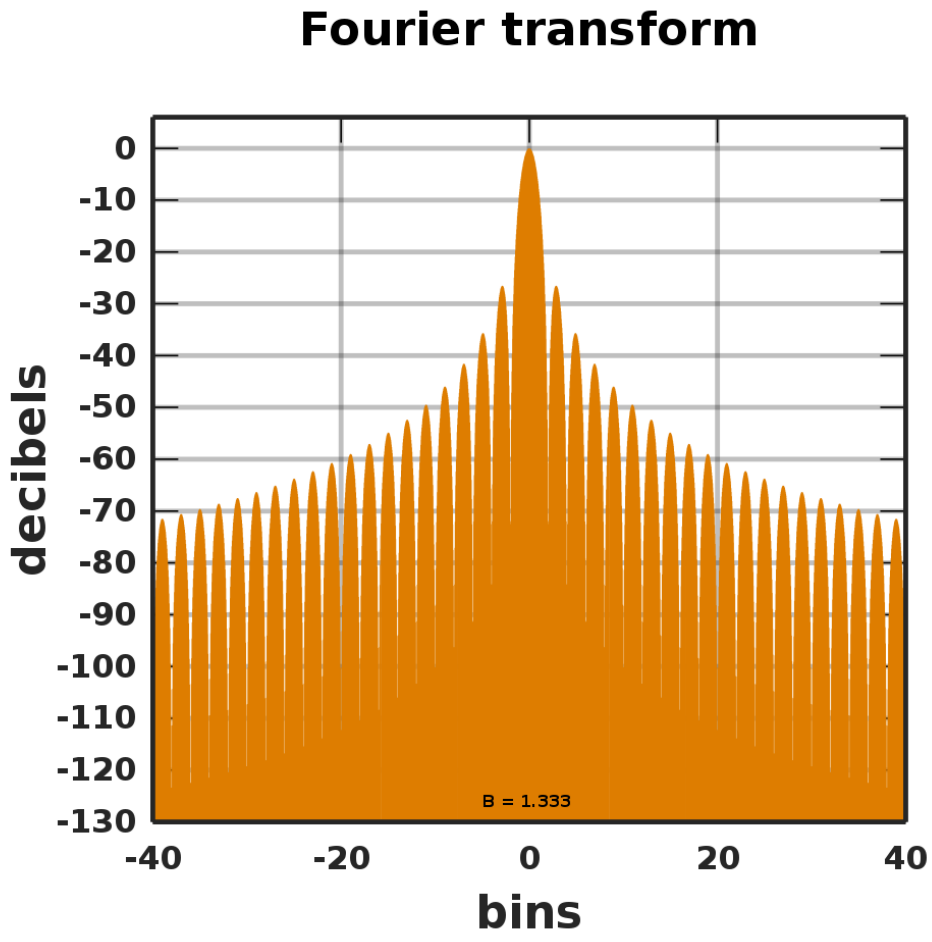


Figure 3
Signal (Rectangular windowed)
Amp
10
5
0
−5
−10
0
1000
2000
3000
4000
5000
6000
Amp
19.9
19.8
19.7
19.6
4.650
4.675
4.700
4.725
4.750
4.775
4.800
4.825
4.850
frequency
Maximum peack: 19.92997 [Amp pk-pk] @ 4.7624 [Hz] (spectrum resolution 0.0001 [Hz])

Bartlett window





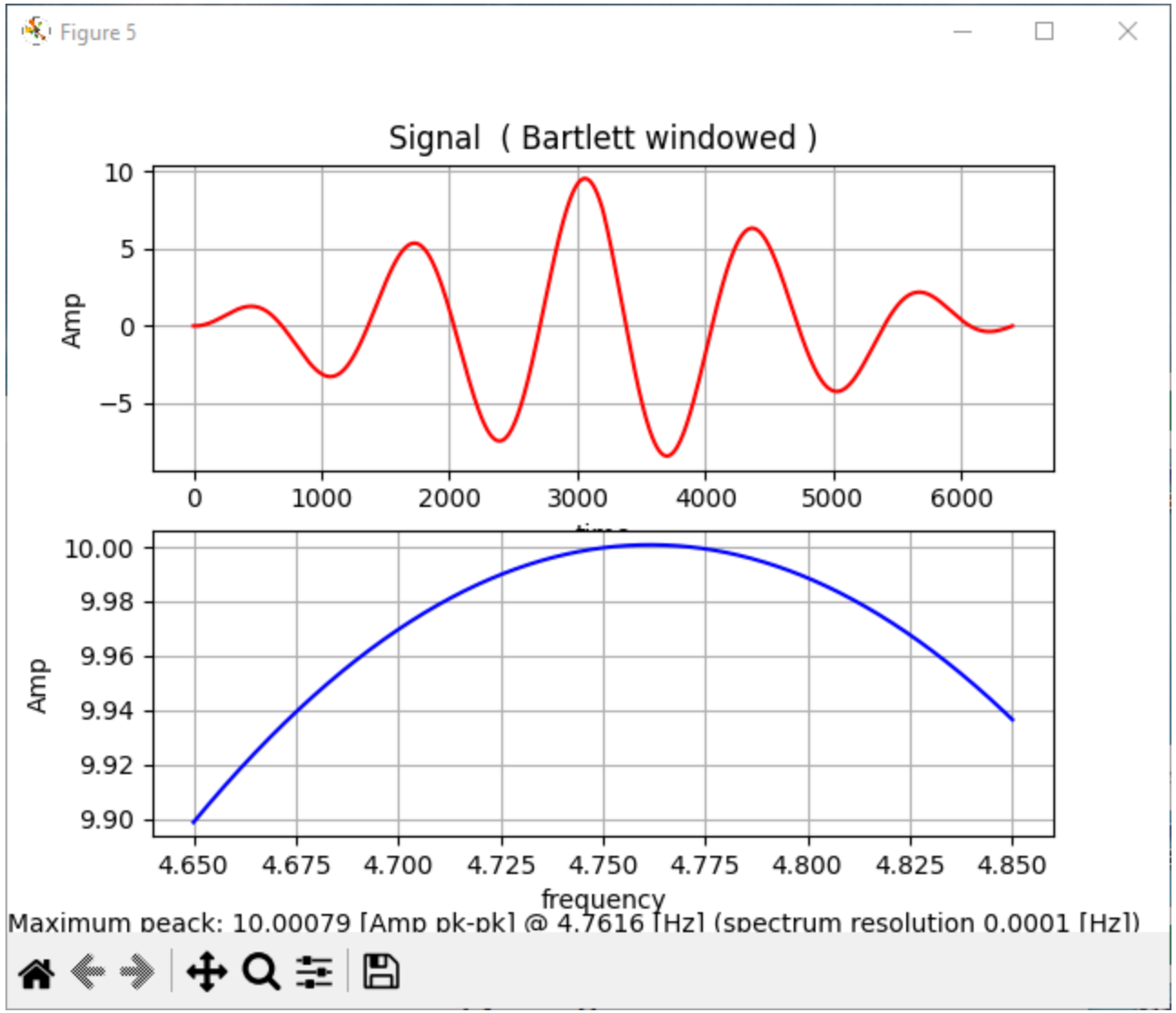
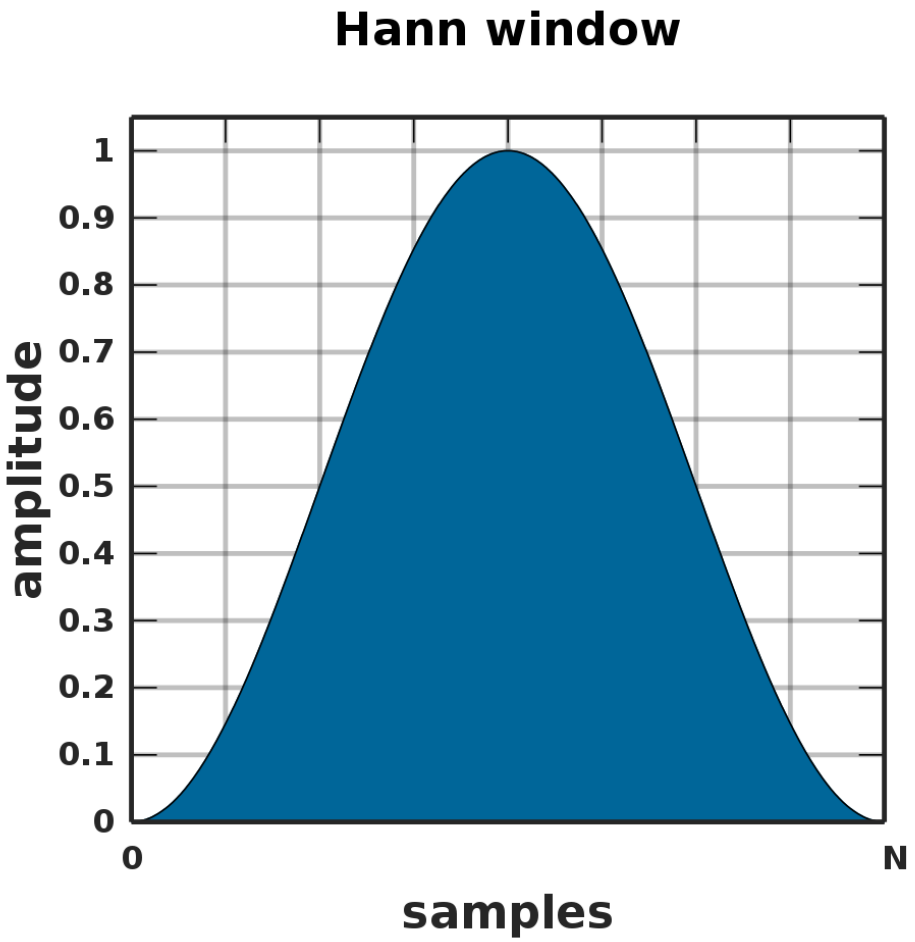
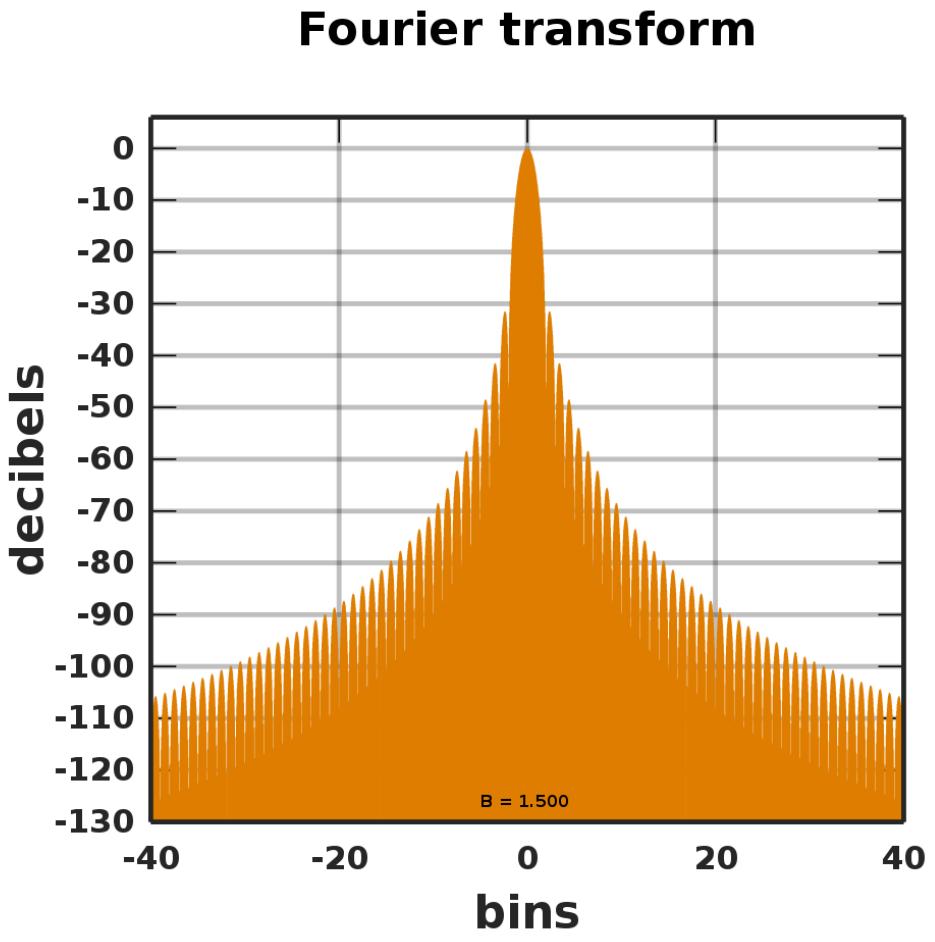


Figure 5
Signal (Bartlett windowed)
10
5
0
−5
Amp
0
1000
2000
3000
4000
5000
6000
10.00
9.98
9.96
9.94
9.92
9.90
Amp
4.650
4.675
4.700
4.725
4.750
4.775
4.800
4.825
4.850
frequency
Maximum peack: 10.00079 [Amp pk-pk] @ 4.7616 [Hz] (spectrum resolution 0.0001 [Hz])

Hanning window





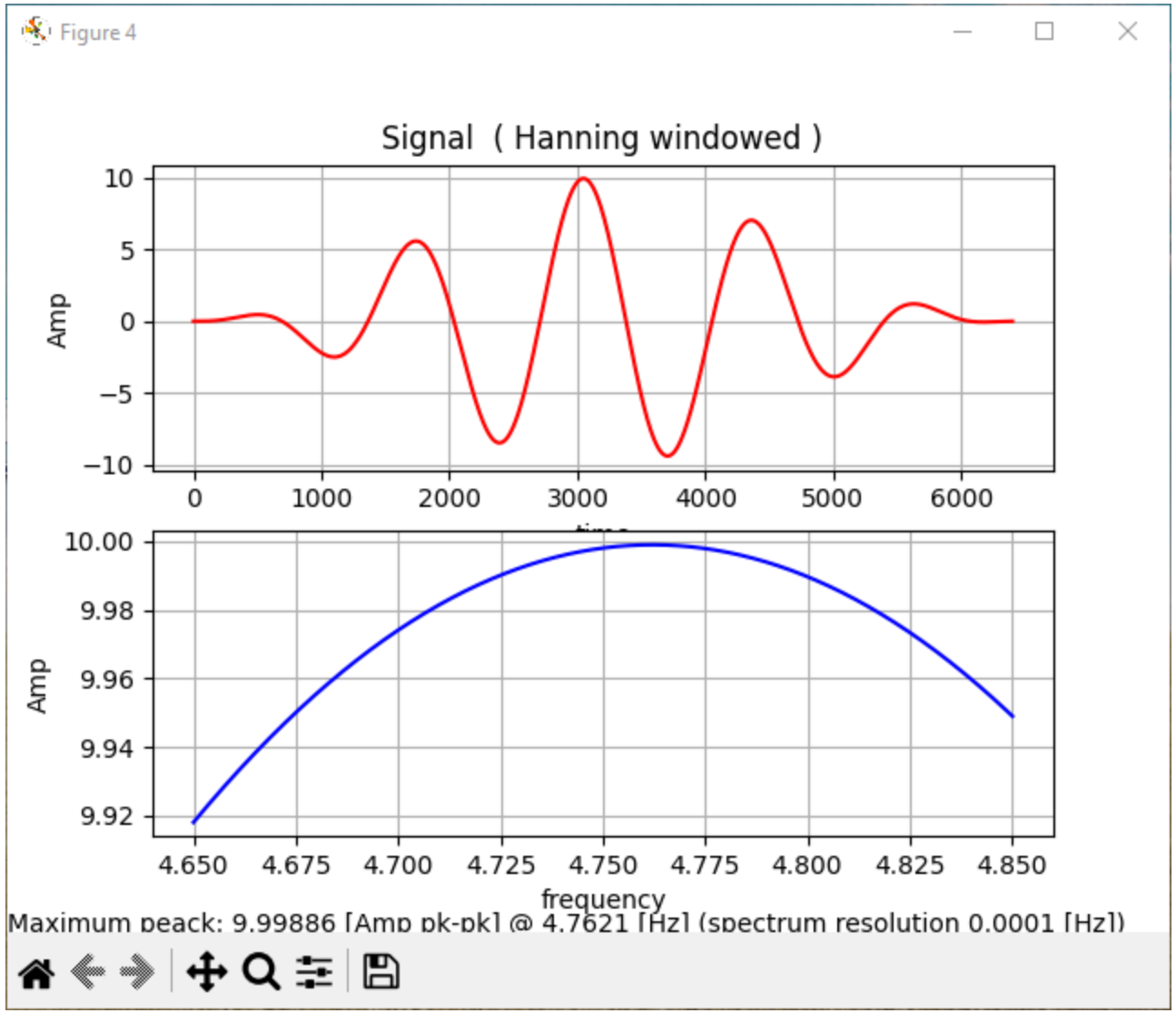


Figure 4
Signal (Hanning windowed)
10
5
0
−5
−10
Amp
0
1000
2000
3000
4000
5000
6000
10.00
9.98
9.96
9.94
9.92
Amp
4.650
4.675
4.700
4.725
4.750
4.775
4.800
4.825
4.850
frequency
Maximum peack: 9.99886 [Amp pk-pk] @ 4.7621 [Hz] (spectrum resolution 0.0001 [Hz])