Options
Title: Not titled yet
Author: araujo
Output Language: Python
Generate Options: QT GUI

Variable
Id: samp_rate
Value: 32k

QT GUI Range
Id: frequencia
Default Value: 50
Start: 0
Stop: 1k
Step: 20

QT GUI Range
Id: freq_corte
Label: Frequência de corte
Default Value: 250
Start: 0
Stop: 800
Step: 20

Signal Source
Sample Rate: 32k
Waveform: Sine
Frequency: 50
Amplitude: 10
Offset: 0
Initial Phase (Radians): 0

cmd

freq

out

Throttle
Sample Rate: 32k

in

out

QT GUI Time Sink
Name: Sinal transmitido
Number of Points: 1.024k
Sample Rate: 32k
Autoscale: No

in

QT GUI Frequency Sink
Name: PSD
FFT Size: 1.024k
Center Frequency (Hz): 0
Bandwidth (Hz): 32k

in

Low Pass Filter
Decimation: 1
Gain: 1
Sample Rate: 32k
Cutoff Freq: 250
Transition Width: 25
Window: Hamming
Beta: 6.76

in

out

QT GUI Frequency Sink
Name: PSD filtrado
FFT Size: 1.024k
Center Frequency (Hz): 0
Bandwidth (Hz): 32k

in

QT GUI Time Sink
Name: Sinal filtrado no tempo
Number of Points: 1.024k
Sample Rate: 32k
Autoscale: No

in