

Options
Title: Lab_comu
Output Language: Python
Generate Options: QT GUI

QT GUI Range
ID: samp_rate
Label: frecuencia de muestreo
Default Value: 200k
Start: 1k
Stop: 300k
Step: 1k

Variable
ID: audio_rate
Value: 48k

QT GUI Range
ID: f_corte
Label: frecuencia de corte
Default Value: 1.5k
Start: 100
Stop: 21k
Step: 10

QT GUI Range
ID: fc
Label: frecuencia central
Default Value: 1.5k
Start: 100
Stop: 21k
Step: 10

QT GUI Range
ID: BW
Label: ancho de banda
Default Value: 1.5k
Start: 10
Stop: 50k
Step: 10

QT GUI Range
ID: AMP
Label: AMP
Default Value: 1
Start: 1
Stop: 4
Step: 100m

Wav File Source
File: ...on52_quevedobzrp.wav
Repeat: Yes

Rational Resampler
Interpolation: 200k
Decimation: 48k
Taps:
Fractional BW: 0

High Pass Filter
Interpolation: 1
Gain: 1
Sample Rate: 200k
Cutoff Freq: 1.5k
Transition Width: 100
Window: Hamming
Beta: 6.76

Band Pass Filter
Interpolation: 1
Gain: 1
Sample Rate: 200k
Low Cutoff Freq: 750
High Cutoff Freq: 2.25k
Transition Width: 100
Window: Hamming
Beta: 6.76

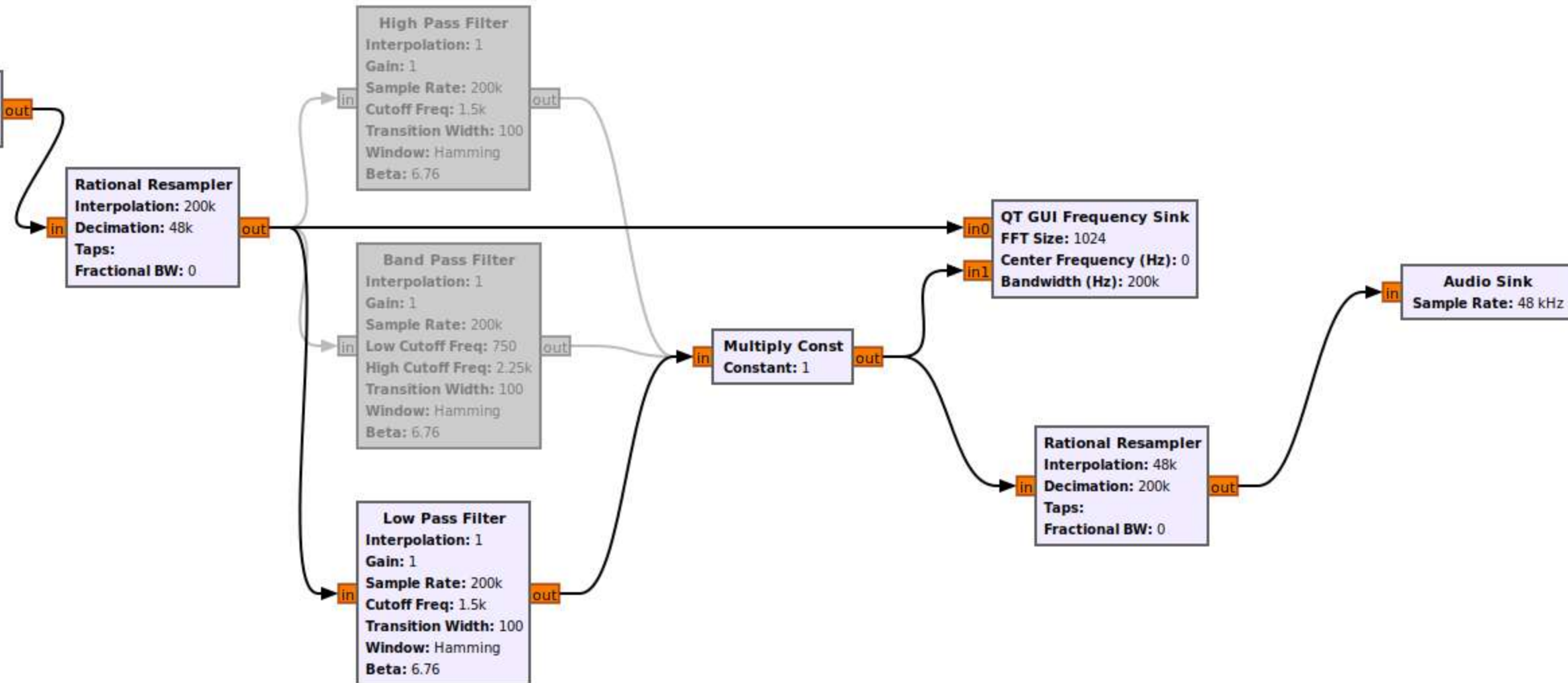
Low Pass Filter
Interpolation: 1
Gain: 1
Sample Rate: 200k
Cutoff Freq: 1.5k
Transition Width: 100
Window: Hamming
Beta: 6.76

Multiply Const
Constant: 1

QT GUI Frequency Sink
FFT Size: 1024
Center Frequency (Hz): 0
Bandwidth (Hz): 200k

Rational Resampler
Interpolation: 48k
Decimation: 200k
Taps:
Fractional BW: 0

Audio Sink
Sample Rate: 48 kHz



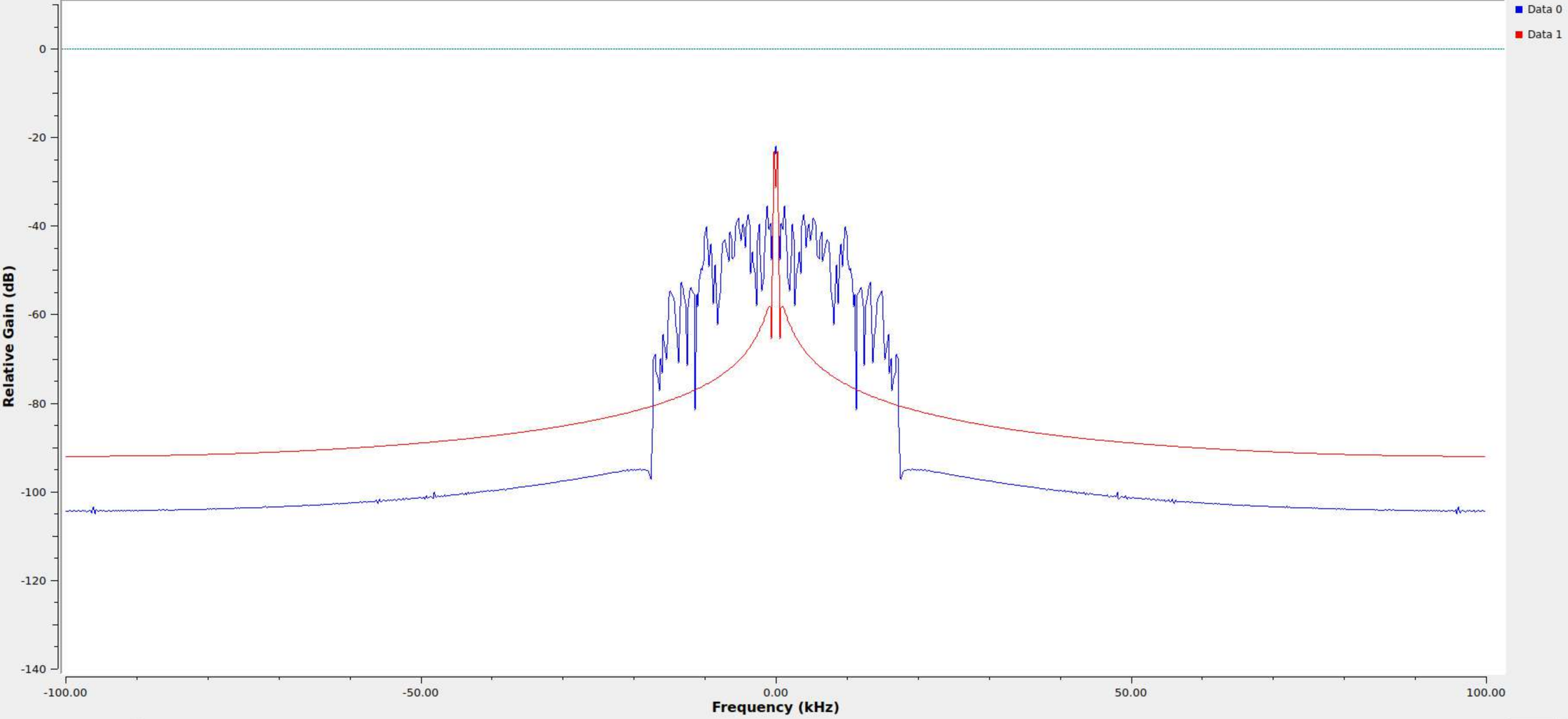
frecuencia de muestreo 200000

frecuencia central 1500

frecuencia de corte 150

AMP 1,300

- Data 0
- Data 1



ancho de banda 1500