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

QT GUI Range
ID: channel_freq
Label: Channel frequency
Default Value: 93.3M
Start: 50M
Stop: 150M
Step: 100k

QT GUI Range
ID: audio_gain
Label: Audio Gain
Default Value: 1
Start: 0
Stop: 100
Step: 100m

Variable
ID: samp_rate
Value: 2.56M

Variable
ID: lp_cutoff
Value: 75k

Variable
ID: lp_width
Value: 25k

Variable
ID: quadrature
Value: 250k

Variable
ID: audio_samp_rate
Value: 48k

RTL-SDR Source
Sync: Unknown PPS
Number Channels: 1
Sample Rate (sps): 2.56M
Ch0: Frequency (Hz): 93.3M
Ch0: Frequency Correction (ppm): 0
Ch0: DC Offset Mode: 0
Ch0: IQ Balance Mode: 0
Ch0: Gain Mode: False
Ch0: RF Gain (dB): 20
Ch0: IF Gain (dB): 20
Ch0: BB Gain (dB): 20

command

Low Pass Filter
Decimation: 10
Gain: 1
Sample Rate: 2.56M
Cutoff Freq: 75k
Transition Width: 25k
Window: Hamming
Beta: 6.76

QT GUI Frequency Sink
Name: SDR source
FFT Size: 1024
Center Frequency (Hz): 93.3M
Bandwidth (Hz): 2.56M

WBFM Receive
Quadrature Rate: 250k
Audio Decimation: 1

QT GUI Frequency Sink
Name: Filtered entrance
FFT Size: 1024
Center Frequency (Hz): 93.3M
Bandwidth (Hz): 2.56M

Rational Resampler
Interpolation: 48k
Decimation: 250k
Taps:
Fractional BW: 0

Multiply Const
Constant: 1

Audio Sink
Sample Rate: 48k

QT GUI Time Sink
Number of Points: 1.024k
Sample Rate: 2.56M
Autoscale: No