

Options
ID: am_receiver
Title: AM Receiver
Generate Options: WX GUI

Variable
ID: samp_rate
Value: 2M

Variable
ID: convert
Value: 125M

Variable
ID: decimate
Value: 10

WX GUI Text Box
ID: freq
Label: Frequency in kHz
Default Value: 770
Converter: Integer
Grid Position: 0, 12, 1, 10

WX GUI Slider
ID: rf_gain
Label: RF Gain
Default Value: 10
Minimum: 10
Maximum: 70
Converter: Integer
Grid Position: 0, 1, 1, 3

WX GUI Slider
ID: vol
Label: Volume
Default Value: 0
Minimum: 0
Maximum: 100
Converter: Float
Grid Position: 0, 8, 1, 3

RTL-SDR Source
Sample Rate (sps): 2M
Ch0: Frequency (Hz): 125.77M
Ch0: Freq. Corr. (ppm): 80
Ch0: DC Offset Mode: Automatic
Ch0: IQ Balance Mode: Automatic
Ch0: Gain Mode: Automatic
Ch0: RF Gain (dB): 10
Ch0: IF Gain (dB): 40
Ch0: BB Gain (dB): 20

Rational Resampler
Interpolation: 1
Decimation: 10
Taps:
Fractional BW: 0

WX GUI FFT Sink
Title: Decimate...ng Bandpass
Sample Rate: 200k
Baseband Freq: 770k
Y per Div: 10 dB
Y Divs: 10
Ref Level (dB): 0
Ref Scale (p2p): 2
FFT Size: 1.024k
Refresh Rate: 15
Window: Hamming
Freq Set Varname: None

Low Pass Filter
Decimation: 1
Gain: 1
Sample Rate: 200k
Cutoff Freq: 6k
Transition Width: 200
Window: Hamming
Beta: 6.76

AM Demod
Channel Rate: 200k
Audio Decimation: 1
Audio Pass: 10k
Audio Stop: 11k

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

WX GUI Slider
ID: passband
Label: Filter kHz
Default Value: 6
Minimum: 3
Maximum: 10
Converter: Integer
Grid Position: 0, 4, 1, 3

WX GUI FFT Sink
Title: Filtered Signal
Sample Rate: 200k
Baseband Freq: 770k
Y per Div: 10 dB
Y Divs: 10
Ref Level (dB): 0
Ref Scale (p2p): 2
FFT Size: 1.024k
Refresh Rate: 15
Freq Set Varname: None

Multiply Const
Constant: 0

Audio Sink
Sample Rate: 48KHz