

Options

ID: top_block
Generate Options: WX GUI

WX GUI Chooser

ID: tx_freq
Label: Frecuencia Tx canal
Default Value: 462.575M
Choices: 462.575..., 463.828M
Labels: 1, 2, 3... 5, 6, 7, 8
Type: Drop Down
Grid Position: 1, 0, 1, 3

WX GUI Slider

ID: audio_gain
Label: Ganancia...audio en dB
Default Value: 5
Minimum: 0
Maximum: 15
Converter: Float
Grid Position: 0, 6, 1, 5

WX GUI Slider

ID: Hack_RF_gain
Label: Ganancia de hack en dB
Default Value: 10
Minimum: 0
Maximum: 40
Converter: Float
Grid Position: 1, 4, 1, 7

Variable

ID: samp_rate
Value: 2M

Variable

ID: audio_rate
Value: 48k

Variable

ID: fm_sample
Value: 200k

Variable

ID: interpolado
Value: 400

osmocom Source

Mb0: Clock Source: External
Sample Rate (sps): 2M
Ch0: Frequency (Hz): 462.575M
Ch0: Freq. Corr. (ppm): 0
Ch0: DC Offset Mode: Automatic
Ch0: IQ Balance Mode: Manual
Ch0: Gain Mode: Automatic
Ch0: RF Gain (dB): 20
Ch0: IF Gain (dB): 20
Ch0: BB Gain (dB): 20

WX GUI Slider

ID: rf_gain
Label: Ganancia RF en dB
Default Value: 20
Minimum: 0
Maximum: 20
Converter: Float
Grid Position: 0, 0, 1, 6

Low Pass Filter

Decimation: 10
Gain: 1
Sample Rate: 2M
Cutoff Freq: 125k
Transition Width: 10k
Window: Hamming
Beta: 6.76

WX GUI FFT Sink

Title: FFT Plot
Sample Rate: 2M
Baseband Freq: 462.575M
Y per Div: 10 dB
Y Divs: 10
Ref Level (dB): 0
Ref Scale (p2p): 2
FFT Size: 640
Refresh Rate: 15
Grid Position: 2, 0, 10, 10
Freq Set Varname: None

Constant Source

Constant: 10

WBFM Receive

Quadrature Rate: 200k
Audio Decimation: 2

Rational Resampler

Interpolation: 48
Decimation: 100
Taps:
Fractional BW: 0

Multiply

Audio Sink

Sample Rate: 48KHz

Wav File Sink

File: sound.wav
Sample Rate: 44.1k
Bits per Sample: 16