

Options
Title: Record 2...s in Stereo
Output Language: Python
Generate Options: QT GUI
Max Number of Output: 2.048k

Variable
ID: samp_rate
Value: 2.4M

osmocom Source
Device Arguments: rt=0
Sync: Unknown PPS
Number Channels: 1
Sample Rate (sps): 2.4M
Ch0: Frequency (Hz): 90.7M
Ch0: Frequency Correction (ppm): 0
Ch0: DC Offset Mode: 0
Ch0: IQ Balance Mode: 0
Ch0: Gain Mode: False
Ch0: RF Gain (dB): 25
Ch0: IF Gain (dB): 20
Ch0: BB Gain (dB): 20

Frequency Xlating FIR Filter
Decimation: 1
Taps: 1, 2.4M, 200k, 1k
Center Frequency: -800k
Sample Rate: 2.4M

Frequency Xlating FIR Filter
Decimation: 1
Taps: 1, 2.4M, 200k, 1k
Center Frequency: 800k
Sample Rate: 2.4M

WFM Stereo
Output Rate (Audio+Sub+Pilot): 48k
Quadrature Input Rate: 2.4M
Subcarrier 1 Bandwidth: 5k
Subcarrier 2 Bandwidth: 10k
Subcarrier 1 Frequency: 57k
Subcarrier 2 Frequency: 67k

Multiply Const
Constant: 0

Add

Multiply Const
Constant: 0

Add

Multiply Const
Constant: 0

Add

Multiply Const
Constant: 0

Add

Probe Signal
ID: pilot_probe1

Add

Add

Audio Sink
Sample Rate: 48 kHz
Device Name: default

QT GUI Entry
ID: freq1
Label: Freq 1
Default Value: 89.9

QT GUI Range
ID: volume1
Label: Volume Station 1
Default Value: 0
Start: 0
Stop: 1
Step: 50m

QT GUI Check Box
ID: stereo1
Label: Stereo Enable1
Default Value: True
True: True
False: False

QT GUI Check Box
ID: record1
Label: Record Audio1
Default Value: False
True: True
False: False

QT GUI Entry
ID: audio_file1
Label: Audio Filename
Default Value: /hom...9.9.wav

QT GUI Check Box
ID: variable...i_check_box_0
Label: Stereo Pilot1
Default Value: False
True: True
False: False

QT GUI Entry
ID: base_path
Label: Path
Default Value: /home/lefka/

QT GUI Range
ID: volume_WAV1
Label: WAV Volume 1
Default Value: 300m
Start: 0
Stop: 1
Step: 50m

QT GUI Entry
ID: freq2
Label: Freq 2
Default Value: 91.5

QT GUI Range
ID: volume2
Label: Volume Station 2
Default Value: 0
Start: 0
Stop: 1
Step: 50m

QT GUI Entry
ID: sca2
Label: SCA 2
Default Value: 67k

QT GUI Check Box
ID: stereo2
Label: Stereo Enable2
Default Value: True
True: True
False: False

QT GUI Check Box
ID: record2
Label: Record Audio2
Default Value: False
True: True
False: False

QT GUI Entry
ID: audio_file2
Label: Audio Filename 2
Default Value: /hom...1.5.wav

QT GUI Check Box
ID: variable...i_check_box_2
Label: Stereo Pilot2
Default Value: False
True: True
False: False

QT GUI Range
ID: volume_WAV2
Label: WAV Volume 2
Default Value: 300m
Start: 0
Stop: 1
Step: 50m

Variable
ID: filter_taps
Value: 1, 2.4M, 200k, 1k

QT GUI Frequency Sink
FFT Size: 2048
Center Frequency (Hz): 89.9
Bandwidth (Hz): 2.4M

Multiply Const
Constant: 300m

Multiply Const
Constant: 300m

Multiply Const
Constant: 300m

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Wav File Sink
File: recordfile1
Sample Rate: 48k
Output Format: WAV
Bits per Sample: 16-bit
Append to existing file: No

WFM Stereo
Output Rate (Audio+Sub+Pilot): 48k
Quadrature Input Rate: 2.4M
Subcarrier 1 Bandwidth: 5k
Subcarrier 2 Bandwidth: 10k
Subcarrier 1 Frequency: 57k
Subcarrier 2 Frequency: 67k

Multiply Const
Constant: 0

Multiply Const
Constant: 0

Multiply Const
Constant: 0

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Probe Signal
ID: pilot_probe

Add

Add

Audio Sink
Sample Rate: 48 kHz
Device Name: default

Multiply Const
Constant: 300m

Multiply Const
Constant: 300m

Multiply Const
Constant: 300m

Add

Add

Add

Wav File Sink
File: recordfile2
Sample Rate: 48k
Output Format: WAV
Bits per Sample: 16-bit
Append to existing file: No

Variable
ID: recordfile1
Value: /dev/null

Variable
ID: recordfile2
Value: /dev/null

Variable
ID: station1
Value: 89.9

Variable
ID: station2
Value: 91.5

Variable
ID: station_freq_dist
Value: 1.6M

Variable
ID: center_freq
Value: 90.7M

Function Probe
ID: pilot_level1
Block ID: pilot_probe
Function Name: level
Poll Rate (Hz): 5