Options
ID: PM_tx
Title: Modulacion PM
Author: Camila Vinza
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Description: Modulacion PM
Output Language: Python
Generate Options: QT GUI

Variable
ID: samp_rate
Value: 48k

Variable
ID: audio_rate
Value: 22.05k

Variable
ID: freqPM
Value: 89M

Rango:
88Mhz - 108Mhz

QT GUI Range
ID: sensibility
Default Value: 5
Start: 0
Stop: 20
Step: 1

QT GUI Range
ID: frecuencia
Default Value: 89M
Start: 88M
Stop: 108M
Step: 100k

Wav File Source
ID: blocks_wavfile_source_0
File: ...d60 (mp3cut.net).wav
Repeat: Yes
out

Rational Resampler
ID: rational_resampler_xxx_0
Interpolation: 48k
Decimation: 22.05k
Taps:
Fractional BW: 0
in · out

From 44Khz to 48Khz

Low Pass Filter
ID: low_pass_filter_0
Interpolation: 1
Gain: 1
Sample Rate: 48k
Cutoff Freq: 15k
Transition Width: 1k
Window: Hamming
Beta: 6.76
in · out

Throttle
ID: blocks_throttle2_0
Sample Rate: 48k
Limit: None
in · out

Rational Resampler
ID: rational_resampler_xxx_1
Interpolation: 192k
Decimation: 48k
Taps:
Fractional BW: 0
in · out

UHD: USRP Sink
ID: uhd_usrp_sink_0
Sync: Unknown PPS
Samp rate (Sps): 48k
Ch0: Center Freq (Hz): 0
Ch0: Gain Value: 0
Ch0: Antenna: TX/RX
async_msgs · command · in

QT GUI Frequency Sink
ID: qtgui_freq_sink_x_0
FFT Size: 1024
Center Frequency (Hz): 89M
Bandwidth (Hz): 48k
in

Phase Mod
ID: analog_ph...odulator_fc_0
Sensitivity: 5
out · in

Virtual Sink
ID: PMmodsink
Stream ID: pmsignal
in

Virtual Source
ID: PMmodsource
Stream ID: pmsignal
out

Low Pass Filter
ID: low_pass_filter_1
Decimation: 1
Gain: 1
Sample Rate: 48k
Cutoff Freq: 15k
Transition Width: 1k
Window: Hamming
Beta: 6.76
in · out

Integrate
ID: integrate
Decimation: 4
in · out

FM Demod
ID: analog_fm_demod_cf_0
Channel Rate: 48k
Audio Decimation: 1
Deviation: 75k
Audio Pass: 15k
Audio Stop: 16k
Gain: 1
Tau: 75u
in · out

FM Deemphasis
ID: analog_fm_deemph_0
Sample Rate: 48k
Tau: 75u
in · out

Audio Sink
ID: audio_sink_0
Sample Rate: 48 kHz
in

QT GUI Frequency Sink
ID: qtgui_freq_sink_x_1
FFT Size: 1024
Center Frequency (Hz): 0
Bandwidth (Hz): 48k
in