Options
Title: Noise TX
Output Language: Python
Generate Options: QT GUI

Variable
Id: samp_rate
Value: 4M

Variable
Id: freq
Value: 1.57542G

QT GUI Range
Id: cutoff_freq
Label: Cutoff
Default Value: 2M
Start: 0
Stop: 4M
Step: 100k

QT GUI Range
Id: phase
Label: I
Default Value: 0
Start: 0
Stop: 6.28319
Step: 100m

Import
Import: math

Fast Noise Source
Noise Type: Gaussian
Amplitude: 1
Seed: 0
Variate Pool Size: 8.192k

out →

Low Pass Filter
Decimation: 1
Gain: 1
Sample Rate: 4M
Cutoff Freq: 2M
Transition Width: 1M
Window: Hamming
Beta: 6.76

in   out →

command

osmocom Sink
Device Arguments: ha...7d3963
Sync: Unknown PPS
Number Channels: 1
Sample Rate (sps): 4M
Ch0: Frequency (Hz): 1.57542G
Ch0: Frequency Correction (ppm): 0
Ch0: RF Gain (dB): 0
Ch0: IF Gain (dB): 35
Ch0: BB Gain (dB): 0

in   async_msgs