

Options
Title: Filter Tester
Output Language: Python
Generate Options: QT GUI

Variable
ID: samp_rate
Value: 1M

Signal Source
Sample Rate: 1M
Waveform: Cosine
Frequency: 150k
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0

cmd

out

PlutoSDR Sink
IIO context URI:
LO Frequency: 2G
Sample Rate: 2M
Buffer size: 32.768k
Cyclic: False
Attenuation TX1 (dB): 43
Filter Configuration: Auto
RF Bandwidth (Hz): 20M

in

QT GUI Range
ID: Tx_attn
Default Value: 43
Start: 0
Stop: 50
Step: 1

QT GUI Range
ID: Rx_gain
Default Value: 0
Start: 0
Stop: 100
Step: 1

PlutoSDR Source
IIO context URI:
LO Frequency: 2G
Sample Rate: 2M
Buffer size: 32.768k
Quadrature: True
RF DC Correction: True
BB DC Correction: True
Gain Mode (RX1): Manual
Manual Gain (RX1)(dB): 0
Filter Configuration: Auto
RF Bandwidth (Hz): 20M

out

in

QT GUI Frequency Sink
FFT Size: 4096
Center Frequency (Hz): 0
Bandwidth (Hz): 1M