

Options

ID: top_block

Generate Options: WX GUI

Variable

ID: samp_rate

Value: 32k

Variable

ID: constant_freq

Value: 1k

WX GUI Slider

ID: signal_amp

Default Value: 0

Minimum: 0

Maximum: 1

Converter: Float

WX GUI Slider

ID: noise_amp

Default Value: 0

Minimum: 0

Maximum: 1

Converter: Float

Signal Source

Sample Rate: 32k

Waveform: Cosine

Frequency: 1k

Amplitude: 0

Offset: 0

Noise Source

Noise Type: Gaussian

Amplitude: 0

Seed: 0

Add**Throttle**

Sample Rate: 32k

WX GUI FFT Sink

Title: FFT Plot

Sample Rate: 32k

Baseband Freq: 0

Y per Div: 10 dB

Y Divs: 10

Ref Level (dB): 0

Ref Scale (p2p): 2

FFT Size: 1.024k

Refresh Rate: 15

Freq Set Varname: None

WX GUI Waterfall Sink

Title: Waterfall Plot

Sample Rate: 32k

Baseband Freq: 0

Dynamic Range: 100

Reference Level: 0

Ref Scale (p2p): 2

FFT Size: 512

FFT Rate: 15

Freq Set Varname: None