

Options
ID: top_block
Generate Options: QT GUI

Variable
ID: freq
Value: 910M

Variable
ID: adc_rate
Value: 5M

Variable
ID: rx_gain
Value: 10

Variable
ID: bw
Value: 100

USRP Rx

UHD: USRP Source
Device Address: add...68.10.2
Sync: PC Clock
Samp Rate (Sps): 5M
Ch0: Center Freq (Hz): 910M
Ch0: Gain Value: 10
Ch0: Antenna: RX2
Ch0: Bandwidth (Hz): 100

Signal Source
Sample Rate: 5M
Waveform: Sine
Frequency: 100
Amplitude: 1
Offset: 0

Throttle
Sample Rate: 5M

Complex To Mag Phase

Throttle
Sample Rate: 5M

UHD: USRP Sink
Device Address: add...68.10.2
Mb0: Clock Source: Internal
Samp Rate (Sps): 5M
Ch0: Center Freq (Hz): 910M
Ch0: Gain Value: 10
Ch0: Antenna: TX/RX
Ch0: Bandwidth (Hz): 100
TSB tag name:

USRP Tx

QT GUI Time Sink
Name: Amplitude
Number of Points: 500k
Sample Rate: 5M
Autoscale: No

QT GUI Time Sink
Name: Phase
Number of Points: 500k
Sample Rate: 5M
Autoscale: Yes

QT GUI Constellation Sink
Number of Points: 2.048k
Autoscale: Yes

File Sink
File: ..._UA_PH5_5_5/UA_00_1
Unbuffered: Off
Append file: Overwrite

Save data

QT GUI Frequency Sink
Name: FFT
FFT Size: 2.048k
Center Frequency (Hz): 12k
Bandwidth (Hz): 5M