

Options

Title: Not titled yet
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Output Language: Python
Generate Options: QT GUI

Constellation Rect. Object

Id: qpsk
Symbol Map: 0, 1, 2, 3
Constellation Points: ...07mj
Rotational Symmetry: 4
Real Sectors: 2
Imaginary Sectors: 2
Width Real Sectors: 1
Width Imaginary Sectors: 1

Constellation Object

Id: variable_constellation_0
Constellation Type: QPSK

Variable

Id: samp_rate
Value: 1.92M

Variable

Id: rf_decim
Value: 10

Variable

Id: interp
Value: 1

Variable

Id: deviation
Value: 75k

Variable

Id: audio_decim
Value: 4

QT GUI Range

Id: tuning
Label: Frequency
Default Value: 102.1M
Start: 88M
Stop: 108M
Step: 20k

QT GUI Range

Id: volume
Label: Volume
Default Value: 80
Start: 70
Stop: 90
Step: 100m

Random Source

Minimum: 0
Maximum: 256
Num Samples: 10k
Repeat: Yes

Constellation Modulator

Constellation: <con... (m=4)>
Differential Encoding: Yes
Samples/Symbol: 4
Excess BW: 350m

command

in

UHD: USRP Sink

Device Address: ser...31AC86B
Sync: Unknown PPS
Samp rate (Sps): 1.92M
Ch0: Center Freq (Hz): 102.1M
Ch0: Gain Value: 80
Ch0: Gain Type: Absolute (dB)
Ch0: Antenna: TX/RX
Ch0: Bandwidth (Hz): 500k

async_msgs

in

freq

bw

QT GUI Frequency Sink

FFT Size: 1.024k
Center Frequency (Hz): 0
Bandwidth (Hz): 1.92M

freq