

### Options

**Title:** qo100

**Author:** DF7CB

**Output Language:** Python

**Generate Options:** No GUI

**Run Options:** Prompt for Exit

### Variable

**ID:** samp\_rate

**Value:**  $\text{decim} * 48000 = 528k$

### Variable

**ID:** decim

**Value:** 11

### Variable

**ID:** zmq\_watermark

**Value:** 4

### ZMQ PULL Source

**Address:** tcp://1....191:10024

**Timeout (msec):** 100

**Pass Tags:** No

**High Watermark:**  $\text{zmq\_watermark} = 4$

**Connection:** Connect

out

in

### LimeSDR Sink (TX)

**RF frequency:**  $2400.250e6 = 2.40025G$

**Sample rate:**  $\text{samp\_rate} = 528k$

**Oversample:** Default

Transmitter

### LimeSDR Source (RX)

**RF frequency:**  $739.75e6 = 739.75M$

**Sample rate:**  $\text{samp\_rate} = 528k$

**Oversample:** Default

**MIMO phase align:** Disabled

out

in

### ZMQ PUSH Sink

**Address:** tcp://0.0.0.0:10010

**Timeout (msec):** 100

**Pass Tags:** No

**High Watermark:**  $\text{zmq\_watermark} = 4$

**Connection:** Bind

Receiver