

**Options**  
**Title:** OOK capture  
**Description:** Captu...r signal  
**Output Language:** Python  
**Generate Options:** QT GUI

**Variable**  
**ID:** samp\_rate  
**Value:** 2M

**Variable**  
**ID:** center\_freq  
**Value:** 389.4M

**File Sink**  
**File:** IQ\_filepath\_goes\_here  
**Unbuffered:** Off  
**Append file:** Overwrite

**QT GUI Time Sink**  
**Number of Points:** 10k  
**Sample Rate:** 2M  
**Autoscale:** No

**QT GUI Frequency Sink**  
**FFT Size:** 8192  
**Center Frequency (Hz):** 0  
**Bandwidth (Hz):** 2M

**Audio Sink**  
**Sample Rate:** 48 kHz

**RTL-SDR Source**  
**Sync:** Unknown PPS  
**Number Channels:** 1  
**Sample Rate (sps):** 2M  
**Ch0: Frequency (Hz):** 389.4M  
**Ch0: Frequency Correction (ppm):** 0  
**Ch0: DC Offset Mode:** 0  
**Ch0: IQ Balance Mode:** 0  
**Ch0: Gain Mode:** False  
**Ch0: RF Gain (dB):** 10  
**Ch0: IF Gain (dB):** 10  
**Ch0: BB Gain (dB):** 10

command

out

in

**Complex to Mag**

out

in

**Keep 1 in N**

out

in

**QT GUI Time Sink**  
**Number of Points:** 2.048k  
**Sample Rate:** 20k  
**Autoscale:** Yes

**QT GUI Constellation Sink**  
**Number of Points:** 1.024k  
**Autoscale:** No