

**Options**  
Title: LEOSAR Receiver  
Author: Tom Mladenov  
Copyright: Tom Mladenov  
Output Language: Python  
Generate Options: QT GUI

**Variable**  
Id: sampRate  
Value: 750k  
**Variable**  
Id: bitrate  
Value: 2.4k  
**Variable**  
Id: symrate  
Value: 4.8k  
**Variable**  
Id: sps  
Value: 7.8125  
**Variable**  
Id: max\_clock\_offset  
Value: 100u  
**Import**  
Import: time  
**Import**  
Import: datetime  
**Import**  
Import: cmath

**QT GUI Range**  
Id: alpha  
Label: RRC filter alpha  
Default Value: 400m  
Start: 100m  
Stop: 3  
Step: 10m  
**QT GUI Range**  
Id: clock\_alpha  
Label: Clock Alpha  
Default Value: 20m  
Start: 0  
Stop: 800m  
Step: 10m  
**QT GUI Range**  
Id: pll\_loop\_bw  
Label: PLL Loop Bandwidth  
Default Value: 4.7m  
Start: 1m  
Stop: 100m  
Step: 100u

**File Source**  
File: ...1544478984Hz\_IQ.cf32  
Repeat: No  
Add begin tag: ()  
Offset: 0  
Length: 0

**Variable**  
Id: center\_freq  
Value: 1.5445G

