

### Options

**Title:** Recenter Lora Channels

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**Output Language:** Python

**Generate Options:** Hier Block

**Category:** [GRC Hier Blocks]

### Variable

**ID:** twidth

**Value:** 10k

### Parameter

**ID:** samp\_rate

**Value:** 70

### Parameter

**ID:** cutoff

**Value:** 75k

### Parameter

**ID:** decim

**Value:** 1

### Parameter

**ID:** htd\_offset

**Value:** 0

### Signal Source

**Sample Rate:** 70

**Waveform:** Cosine

**Frequency:** 0

**Amplitude:** 1

**Offset:** 0

**Initial Phase (Radians):** 0

### Throttle

**Sample Rate:** 70

**Limit:** None

### Multiply

### Low Pass Filter

**Decimation:** 1

**Gain:** 1

**Sample Rate:** 70

**Cutoff Freq:** 75k

**Transition Width:** 10k

**Window:** Hamming

**Beta:** 6.76

### Pad Sink

**Label:** out

### Pad Source

**Label:** in

