

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

**Variable**  
**ID:** samp\_rate  
**Value:** 1M

**Variable**  
**ID:** n  
**Value:** 10.24k

**Import**  
**Import:** np

**QT GUI Check Box**  
**ID:** fh  
**Label:** FH  
**Default Value:** False  
**True:** True  
**False:** False

**QT GUI Range**  
**ID:** i  
**Label:** Index  
**Default Value:** 5.12k  
**Start:** 0  
**Stop:** 10.239k  
**Step:** 1

**VCO Generator**  
**Fh:** False

out

in

**Repeat**  
**Interpolation:** 100  
**Vector Length:** 10.24k

out

in

**My Block**  
**Index:** 5.12k

out

in

**Vector to Stream**

out

in

**VCO (complex)**  
**Sample Rate:** 1M  
**Sensitivity:** 6.28319M  
**Amplitude:** 1

out

in

**QT GUI Frequency Sink**  
**FFT Size:** 1024  
**Center Frequency (Hz):** 0  
**Bandwidth (Hz):** 1M