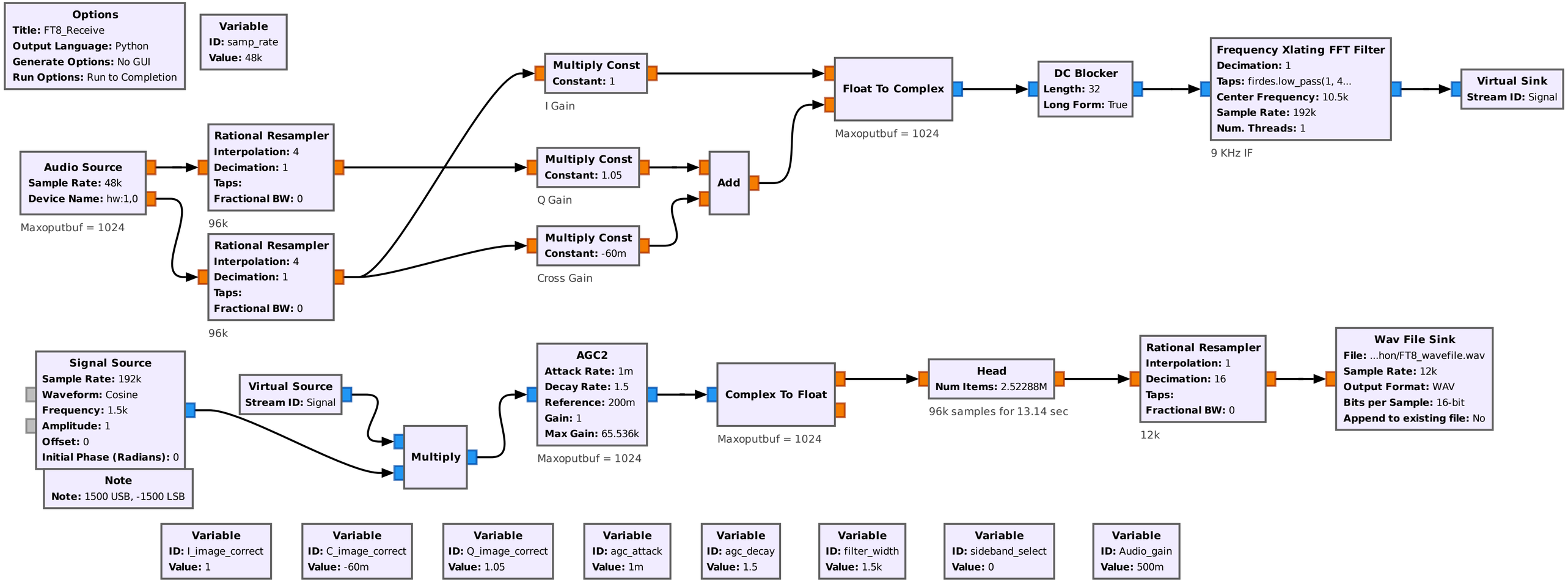
Options
Title: FT8_Receive
Output Language: Python
Generate Options: No GUI
Run Options: Run to Completion
Variable
ID: samp_rate
Value: 48k
Audio Source
Sample Rate: 48k
Device Name: hw:1,0
Maxoputbuf = 1024
Rational Resampler
Interpolation: 4
Decimation: 1
Taps:
Fractional BW: 0
96k
Rational Resampler
Interpolation: 4
Decimation: 1
Taps:
Fractional BW: 0
96k
Multiply Const
Constant: 1
I Gain
Multiply Const
Constant: 1.05
Q Gain
Multiply Const
Constant: -60m
Cross Gain
Add
Float To Complex
Maxoputbuf = 1024
DC Blocker
Length: 32
Long Form: True
Frequency Xlating FFT Filter
Decimation: 1
Taps: firdes.low_pass(1, 4...
Center Frequency: 10.5k
Sample Rate: 192k
Num. Threads: 1
9 KHz IF
Virtual Sink
Stream ID: Signal
Signal Source
Sample Rate: 192k
Waveform: Cosine
Frequency: 1.5k
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0
Note
Note: 1500 USB, -1500 LSB
Virtual Source
Stream ID: Signal
Multiply
AGC2
Attack Rate: 1m
Decay Rate: 1.5
Reference: 200m
Gain: 1
Max Gain: 65.536k
Maxoputbuf = 1024
Complex To Float
Maxoputbuf = 1024
Head
Num Items: 2.52288M
96k samples for 13.14 sec
Rational Resampler
Interpolation: 1
Decimation: 16
Taps:
Fractional BW: 0
12k
Wav File Sink
File: ...hon/FT8_wavefile.wav
Sample Rate: 12k
Output Format: WAV
Bits per Sample: 16-bit
Append to existing file: No
Variable
ID: I_image_correct
Value: 1
Variable
ID: C_image_correct
Value: -60m
Variable
ID: Q_image_correct
Value: 1.05
Variable
ID: agc_attack
Value: 1m
Variable
ID: agc_decay
Value: 1.5
Variable
ID: filter_width
Value: 1.5k
Variable
ID: sideband_select
Value: 0
Variable
ID: Audio_gain
Value: 500m