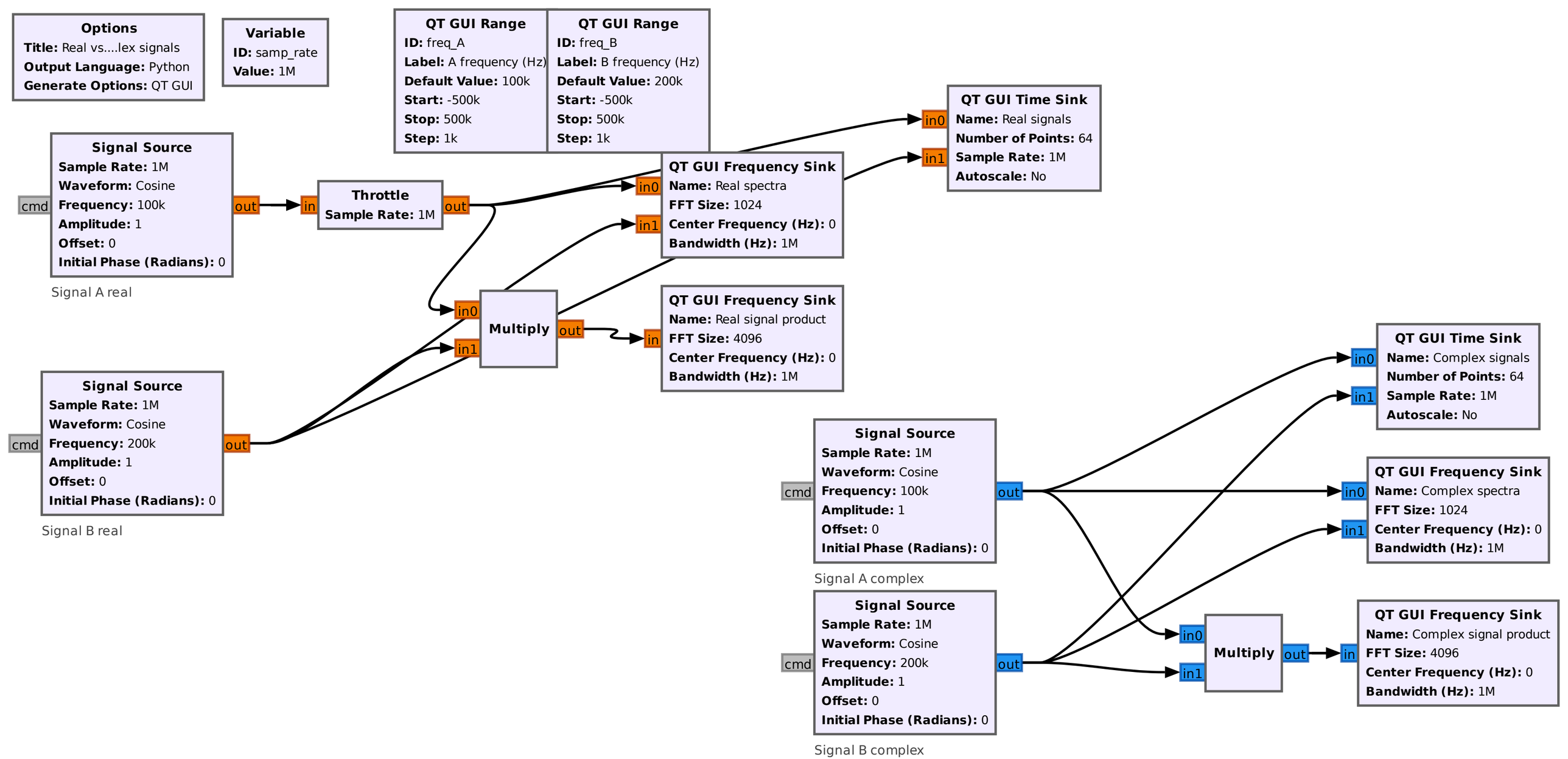
Options
Title: Real vs....lex signals
Output Language: Python
Generate Options: QT GUI
Variable
ID: samp_rate
Value: 1M
QT GUI Range
ID: freq_A
Label: A frequency (Hz)
Default Value: 100k
Start: -500k
Stop: 500k
Step: 1k
QT GUI Range
ID: freq_B
Label: B frequency (Hz)
Default Value: 200k
Start: -500k
Stop: 500k
Step: 1k
Signal Source
Sample Rate: 1M
Waveform: Cosine
Frequency: 100k
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0
Signal A real
Throttle
Sample Rate: 1M
QT GUI Frequency Sink
Name: Real spectra
FFT Size: 1024
Center Frequency (Hz): 0
Bandwidth (Hz): 1M
QT GUI Time Sink
Name: Real signals
Number of Points: 64
Sample Rate: 1M
Autoscale: No
Multiply
QT GUI Frequency Sink
Name: Real signal product
FFT Size: 4096
Center Frequency (Hz): 0
Bandwidth (Hz): 1M
Signal Source
Sample Rate: 1M
Waveform: Cosine
Frequency: 200k
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0
Signal B real
Signal Source
Sample Rate: 1M
Waveform: Cosine
Frequency: 100k
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0
Signal A complex
QT GUI Time Sink
Name: Complex signals
Number of Points: 64
Sample Rate: 1M
Autoscale: No
QT GUI Frequency Sink
Name: Complex spectra
FFT Size: 1024
Center Frequency (Hz): 0
Bandwidth (Hz): 1M
Signal Source
Sample Rate: 1M
Waveform: Cosine
Frequency: 200k
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0
Signal B complex
Multiply
QT GUI Frequency Sink
Name: Complex signal product
FFT Size: 4096
Center Frequency (Hz): 0
Bandwidth (Hz): 1M