

**Options**  
ID: top\_block  
Generate Options: WX GUI

**Variable**  
ID: samp\_rate  
Value: 44.1k

**Variable**  
ID: transmit\_rate  
Value: 1.9845M

**Variable**  
ID: freq  
Value: 18M

Frecuencia de sintonización

Frecuencia de muestreo

Resultado de interpolar  
la frecuencia de muestreo

**Wav File Source**  
File: ...umentos/am/Zoé .wav  
Repeat: Yes

Señal moduladora, canal i(t)  
y parte real de la transmisión

**Add**

**Low Pass Filter**  
Interpolation: 1  
Gain: 1  
Sample Rate: 44.1k  
Cutoff Freq: 5k  
Transition Width: 100  
Window: Hamming  
Beta: 6.76

**Signal Source**  
Sample Rate: 44.1k  
Waveform: Cosine  
Frequency: 0  
Amplitude: 1  
Offset: 0

Señal portadora desfasada 90°, canal q(t)  
y parte imaginaria de la transmisión

**Float To Complex**

**WX GUI FFT Sink**  
Title: FFT Plot  
Sample Rate: 44.1k  
Baseband Freq: 18M  
Y per Div: 10 dB  
Y Divs: 20  
Ref Level (dB): 0  
Ref Scale (p2p): 2  
FFT Size: 1.024k  
Refresh Rate: 15  
Freq Set Varname: None

**WX GUI Waterfall Sink**  
Title: Waterfall Plot  
Sample Rate: 44.1k  
Baseband Freq: 18M  
Dynamic Range: 100  
Reference Level: 0  
Ref Scale (p2p): 2  
FFT Size: 1.024k  
FFT Rate: 15  
Freq Set Varname: None

**Multiply Const**  
Constant: 2.5

**Rational Resampler**  
Interpolation: 45  
Decimation: 1  
Taps:  
Fractional BW: 0

**osmocomb Sink**  
Sample Rate (sps): 1.9845M  
Ch0: Frequency (Hz): 18M  
Ch0: Freq. Corr. (ppm): 0  
Ch0: RF Gain (dB): 0  
Ch0: IF Gain (dB): 20  
Ch0: BB Gain (dB): 20