

File Edit View Run Tools Help



original_RTL x original-HACK x

osmocom Source
Sample Rate (sps): 2M
Ch0: Frequency (Hz): 105.3M
Ch0: Freq. Corr. (ppm): 0
Ch0: DC Offset Mode: Off
Ch0: IQ Balance Mode: Off
Ch0: Gain Mode: Automatic
Ch0: RF Gain (dB): 10
Ch0: IF Gain (dB): 20
Ch0: BB Gain (dB): 20

WX GUI Slider
ID: freq
Label: frequency
Default Value: 105.3M
Minimum: 80M
Maximum: 180M
Converter: Float

WX GUI FFT Sink
Title: Espectro_R
Sample Rate: 500k
Baseband Freq: 0
Y per Div: 10 dB
Y Divs: 10
Ref Level (dB): -60
Ref Scale (p2p): 1.349
FFT Size: 1.024k
Refresh Rate: 15
Grid Position: 5, 1, 1, 1
Freq Set Varname: None

WX GUI
ID: volum
Label: vo
Default V
Minimum
Maximum
Converte

WX GUI
Title: Esp
Sample R
Baseban
Y per Div
Y Divs: 1
Ref Leve
Ref Scale
FFT Size:
Refresh rate: 15
Grid Position: 5, 2, 2, 3
Freq Set Varname: None

Properties: Band Pass Filter

General Advanced Documentation

ID: band_pass_filter_1

FIR Type: Float->Float (Real Taps) (Interp)

Interpolation: 1

Gain: 50

Sample Rate: 200000

Low Cutoff Freq: 18600

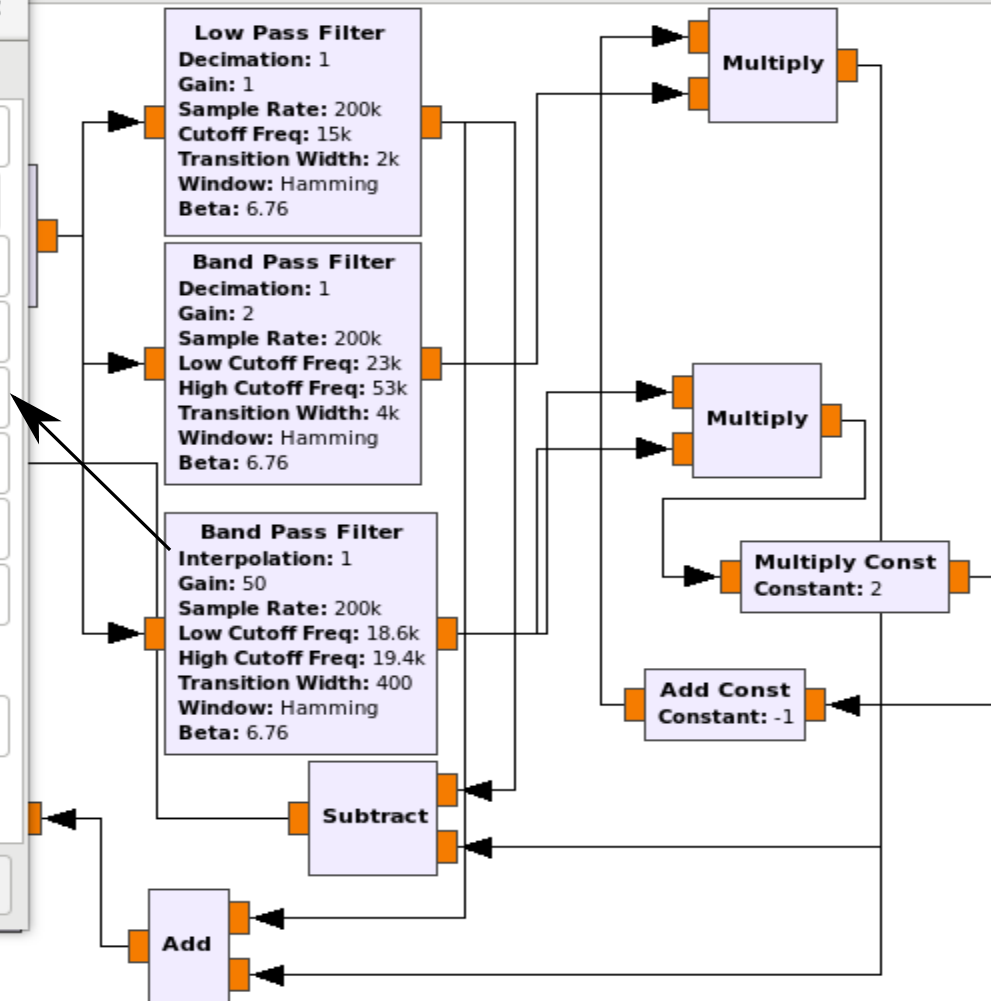
High Cutoff Freq: 19400

Transition Width: 400

Window: Hamming

Beta: 6.76

Aceptar Cancelar Aplicar



El ultimo filtro tiene como función recuperar la portadora de 19KHz, por lo cual se emplea un filtro pasa banda, con 800Hz de banda de paso y sus frecuencias de corte son 18.6KHz y 19.4KHz.