

Options

Title: Experiment... B200 SDR
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 Description: DVB-T... B200 SDR
 Output Language: Python
 Generate Options: QT GUI

Python Module

Id: bandwidth_decim_factor

Variable

Id: samp_rate
Value: 10M

Variable

Id: ft_len
Value: 2.048k

Variable

Id: rf_gain
Label: RF Gain [dB]
Default Value: 50
Start: 0
Stop: 76
Step: 1

Variable

Id: freq_central
Value: 1.28G

Variable

Id: freq
Label: RX Frequency [Hz]
Default Value: 1.28G

Variable

Id: dvbt
Label 0: Rx configuration
Label 1: Band pa...iter test

QT GUI Range

Id: freq_fine
Label: Frequency...Adjust [Hz]
Default Value: 0
Start: 10k
Stop: 10k
Step: 1

QT GUI Tab Widget

Id: dvbt
Num Tabs: 2
Label 0: Rx configuration
Label 1: Band pa...iter test

Band-pass Filter Taps

Id: bpf_1mhz
Tap Type: Complex
Gain: 1
Sample Rate (Hz): 2M
Low Cutoff Freq (Hz): -550k
High Cutoff Freq (Hz): 550k
Transition Width (Hz): 100k
Window: Hamming
Beta: 6.76

Band-pass Filter Taps

Id: bpf_500khz
Tap Type: Complex
Gain: 1
Sample Rate (Hz): 2M
Low Cutoff Freq (Hz): -275k
High Cutoff Freq (Hz): 275k
Transition Width (Hz): 50k
Window: Hamming
Beta: 6.76

Band-pass Filter Taps

Id: bpf_350khz
Tap Type: Complex
Gain: 1
Sample Rate (Hz): 2M
Low Cutoff Freq (Hz): -192.5k
High Cutoff Freq (Hz): 192.5k
Transition Width (Hz): 30k
Window: Hamming
Beta: 6.76

Band-pass Filter Taps

Id: bpf_250khz
Tap Type: Complex
Gain: 1
Sample Rate (Hz): 2M
Low Cutoff Freq (Hz): -137.5k
High Cutoff Freq (Hz): 137.5k
Transition Width (Hz): 25k
Window: Hamming
Beta: 6.76

Band-pass Filter Taps

Id: bpf_125khz
Tap Type: Complex
Gain: 1
Sample Rate (Hz): 2M
Low Cutoff Freq (Hz): -71.5k
High Cutoff Freq (Hz): 71.5k
Transition Width (Hz): 15k
Window: Hamming
Beta: 6.76

Note

Note: Configuration

