Title: FM Stere...Transmitter ID: rds_ampl ID: sc ampl ID: bb gain ID: pha offset **ID:** tx freq ID: pilot ampl ID: samp_rate Output Language: Python Label: 57 kHz S...r Amplitude Label: 19 kHz S...t Amplitude Label: 38 kHz S...r Amplitude Label: Baseband Audio Gain Label: 38 kHz S...rrier Phase Label: TX Frequency Value: 380k **Generate Options: QT GUI** Default Value: 100m **Default Value:** 5 **Default Value: 1.5 Default Value:** 0 **Default Value: 103.7M Default Value: 500**m Start: 0 Start: 0 Start: 0 Start: 0 Start: 0 **Start:** 87.5M **Stop:** 10 **Stop:** 10 **Stop:** 10 **Stop:** 10 **Stop:** 108M **Stop:** 3.14 **Step:** 100m Step: 50m **Step:** 100m Step: 50m Step: 20m **Step:** 100k **Low Pass Filter Low Pass Filter IIO context URI:** 192.168.2.1 Interpolation: 1 **Interpolation:** 1 LO Frequency: 103.7M Gain: 1 **Gain:** 1.5 Sample Rate: 380k Sample Rate: 380k **Frequency Mod** Add Sample Rate: 380k Buffer size: 32.768k **Rational Resampler** Sensitivity: 1.2 Cutoff Freq: 76k **FM Preemphasis** Cutoff Freq: 15k Cyclic: False **Interpolation:** 380 **Transition Width: 10k** Sample Rate: 380k **Transition Width: 2k** Attenuation TX1 (dB): 0 **Decimation:** 48 Window: Hamming **Tau:** 75u Window: Hamming Filter Configuration: Auto Add Taps: **Beta:** 6.76 **High Corner Freq: -1 Beta:** 6.76 RF Bandwidth (Hz): 20M Fractional BW: 0 **Wav File Source** File: Test_WAV.wav **QT GUI Frequency Sink** Repeat: Yes **Rational Resampler FM Preemphasis** FFT Size: 1024 **Interpolation: 380 Subtract** Sample Rate: 380k Center Frequency (Hz): 0 **Decimation: 48 Tau:** 75u Bandwidth (Hz): 380k Taps: **High Corner Freq:** -1 **Band Pass Filter** Fractional BW: 0 **Decimation:** 1 Gain: 1 Sample Rate: 380k Multiply Low Cutoff Freq: 23k Variable High Cutoff Freq: 53k **Signal Source** ID: outbuffer **Transition Width: 2k** Sample Rate: 380k Value: 10 Window: Hamming Waveform: Sine **Beta:** 6.76 Frequency: 19k Amplitude: 500m Offset: 0 Initial Phase (Radians): 0 **Signal Source** Sample Rate: 380k Waveform: Sine Frequency: 38k Amplitude: 5 Offset: 0

Initial Phase (Radians): 0

QT GUI Range

QT GUI Range

QT GUI Range

PlutoSDR Sink

QT GUI Range

Options

QT GUI Range

Variable

QT GUI Range