Notebook Screen Capture

Import Measured Results

```
fs_48,remez78_q15 = loadtxt('spec_noise_b_remez78_fs48arm_q15.csv',
                            delimiter=',',skiprows=1,usecols=(0,1),
                            unpack=True)
```

```
figure(figsize=(6,3))
f = arange(0,1.0,.001)
w,B = signal.freqz(b1,1,2*pi*f)
w,Bq = signal.freqz(b1_fix,1,2*pi*f)
#plot(f*48,20*log10(abs(B)))
plot(f*48,20*log10(abs(Bq)/sum(b1_fix)))
plot(fs_48[:600]/1000,remez78_q15[:600]-mean(remez78_q15[:20]))
title(r'Equiripple Lowpass Measured: %d Taps' % n_bump)
ylabel(r'Filter Gain (dB)')
xlabel(r'Frequency in kHz ($f_s =$ %d kHz)' % (fs/1e3,))
legend((r'Theory int16',r'Measured'),loc='upper right')
ylim([-70,2])
xlim([0,fs/1e3/2])
grid();
```