hp\_bode\_measurement

Passband gain = -15.0175 dB

3db freq = 5.1039 kHz

4k Hz mag = -19.2584 dB

4k Hz phase = 51.05 °

6k Hz mag = -17.4797 dB

6k Hz phase = 39.644 °

Hp\_timedomain\_.4

Magnitude\_in: 0.40050 V

Magnitude\_out: 0.04341 V

Phase between: 57.6 degrees

Hp\_timedomain\_.3

Magnitude\_in: 0.30084 V

Magnitude\_out: 0.03985 V

Phase between: 43.2 degrees

lp\_bode\_measurement

Passband gain = -3.3245 dB

3db freq = 5.0409 kHz

4k Hz mag = -5.4896 dB

4k Hz phase = -38.56621°

6k Hz mag = -7.2016 dB

6k Hz phase = -49.94037°

Lp\_timedomain\_.3

Magintude\_in: 0.30084 V

Magniud\_out: 0.13024 V

Phase between: -43.2

Lp\_timedomain\_.4

Mag\_in: 0.40118 V

Mag\_out: 0.21165 V

Phase between: -28.8

Calculated:

Low pass

.4

Mag: -8.16 dB

Phase: -38.6598°

.3

Mag: -9.89 dB

Phase: -50.1944°

High pass

.4

Mag: -18.35 dB

Phase: 48.32°

.3

Mag: -16.43 dB

Phase: 41.33°

Simulated:

Lowpass

.4

Mag: -9.88 dB

Phase: -39.927°

.3

Mag: -11.32 dB

Phase: -50.10°

Highpass

.4

Mag: 53.91

Phase: 7.07°

.3

Mag: 53.94 dB

Phase: 4.80°