Tests for today:

Chip A2

-Vref = 0.45, fs = 3.2 MHz, Vin = 800 mVpp, fin =3906.25 Hz:

Vcm = 100 mV

Vcm = 150 mV

Vcm = 200 mV

Vcm = 250 mV

Vcm = 300 mV

Vcm = 350 mV

Vcm = 400 mV

Vcm = 450 mV

Vcm = 500 mV

Vcm = 550 mV

Vcm = 600 mV

Vcm = 650 mV

Vcm = 700 mV

Vcm = 750 mV

Vcm = 800 mV

Vcm = 850 mV

Vcm = 900 mV

-Vref = 0.45, fs = 3.2MHz, Vcm = 550 mV, 5 input cycles for input frequencies of:

1kHz > derive transfer characteristics

1.6kHz

16kHz

88kHz

160kHz

880kHz

1.6MHz

3906.25 Hz, 5 cycles, 4096 points

Test 2: sweep fs, vcm = 550 mV, Vdiff = 800 mVpp

Fs = 100kHz, 1.2 MHz, Fin = 122.07 Hz

500kHz, 6 MHz, Fin = 610.351 Hz

1M, 12 MHz, Fin = 1220.703

2M, 24, Fin = 2441.40625

3M, 36, Fin = 3662.109375

4M, 48, Fin = 4882.8125

5M, 60, Fin = 6103.515625

6M, 72, Fin = 7324.21875

10M, 120, Fin = 12207.03125

Power measurement?