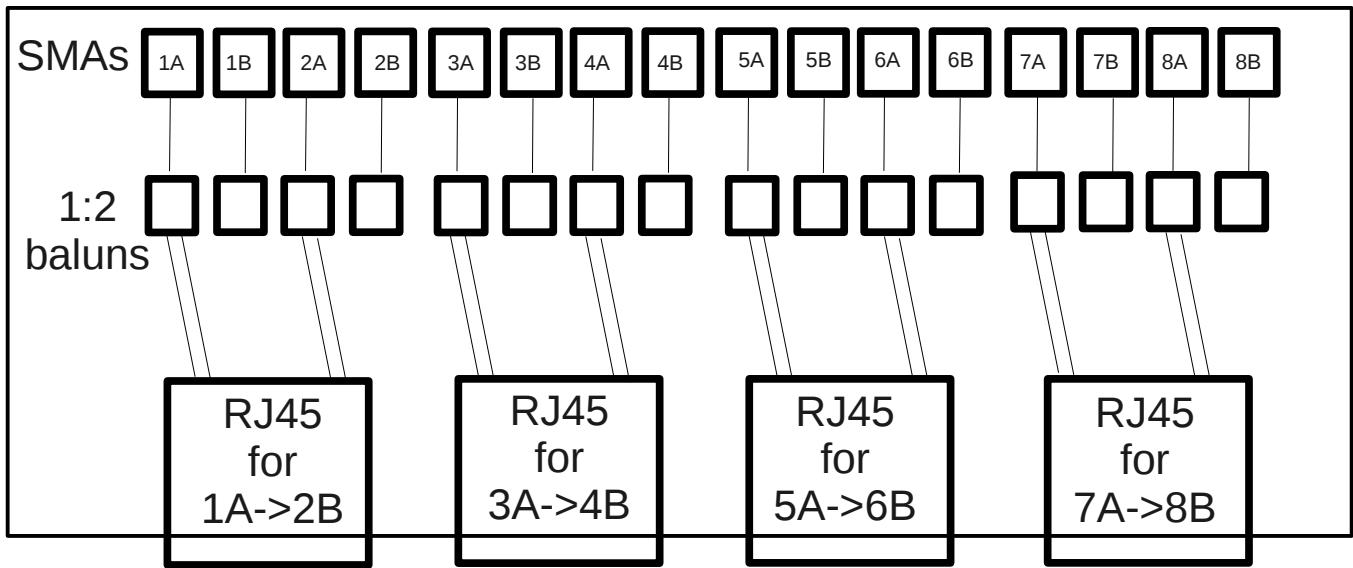


SMA to RJ45 adapter top side



All SMA, baluns and RJ452 are on the top of the PCB

All signals from the SMA connectors to the baluns are routed on the top of the PCB.

Half of the differential pairs from the baluns to the RJ45s are routed on the top of the PCB.

The board is about 9.5" wide by 1.9" tall

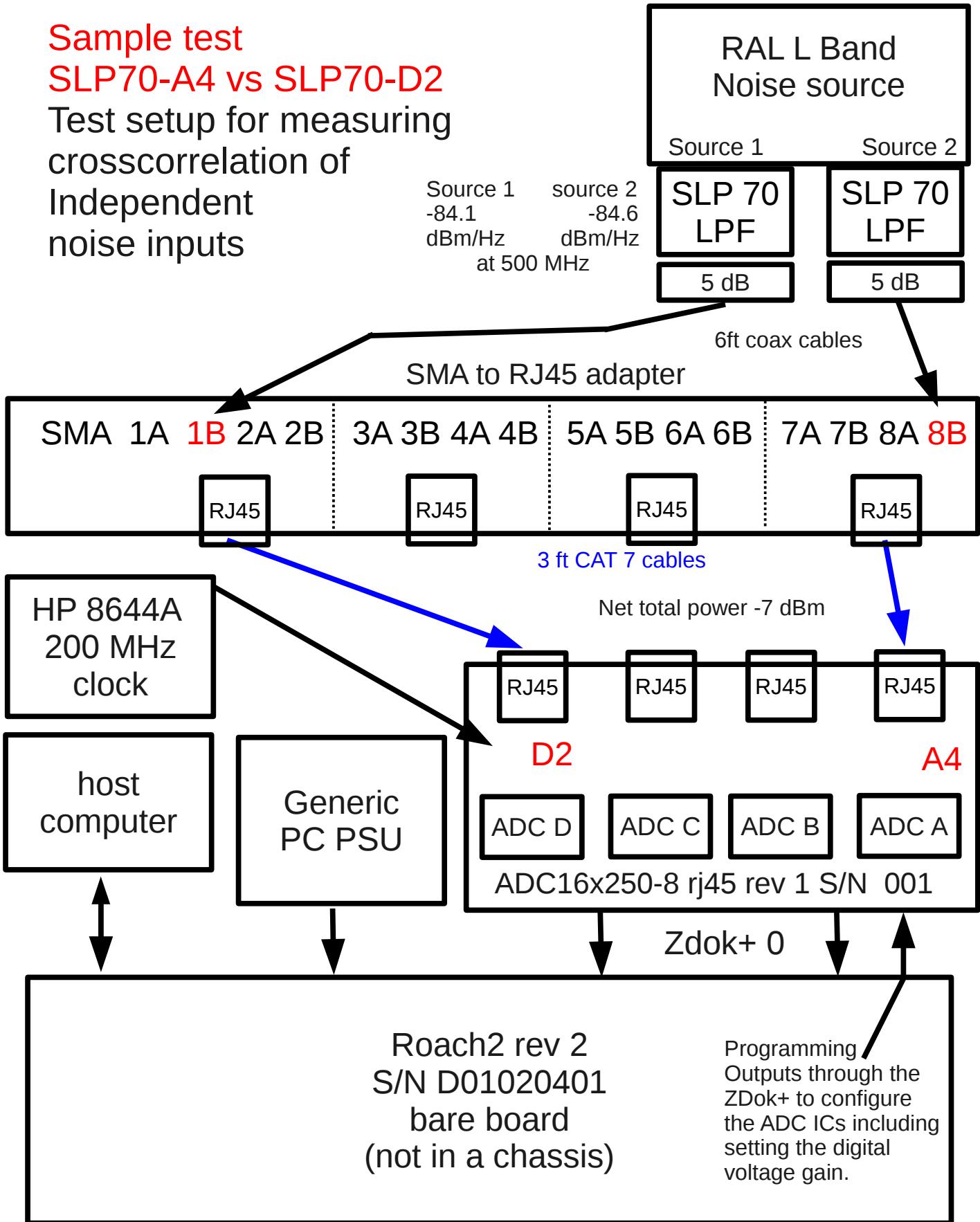
SMA-SMA spacing : 0.54"

Balun-balun spacing : 0.575"

RJ45-RJ45 spacing : 2.2"

Not to scale

Sample test
SLP70-A4 vs SLP70-D2
 Test setup for measuring
 crosscorrelation of
 Independent
 noise inputs



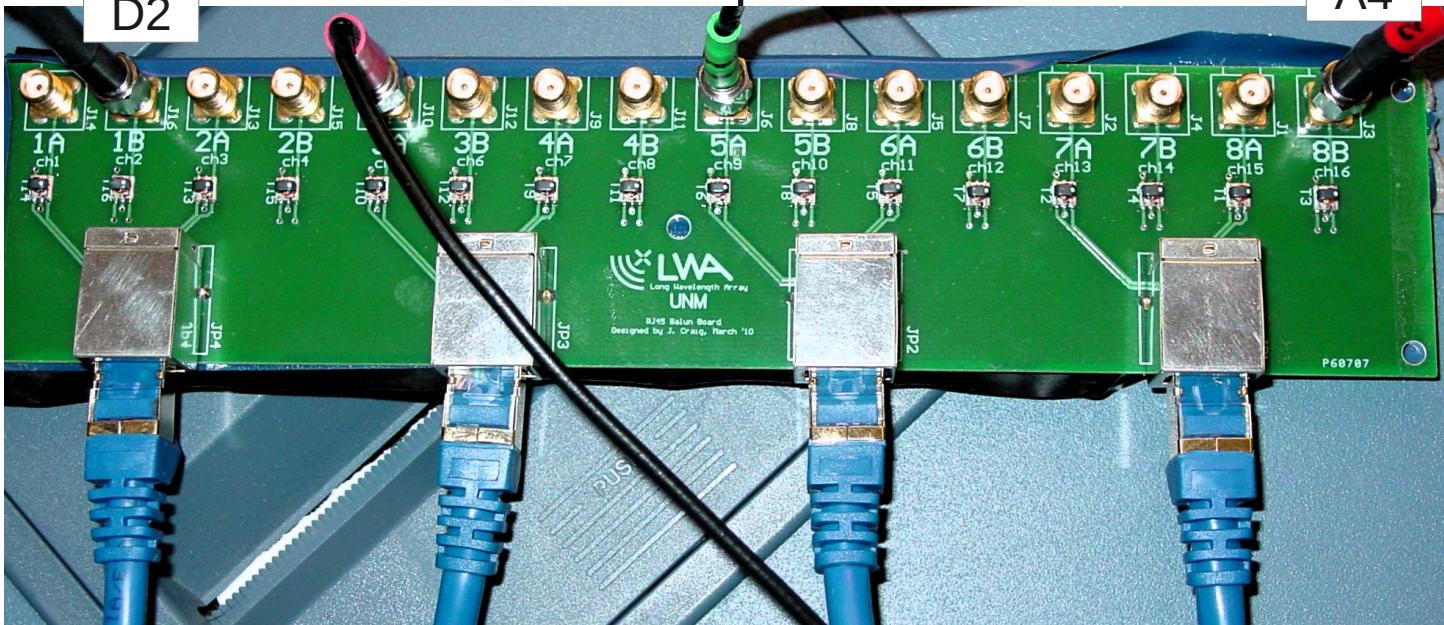
boffiles: adc16_test_2013_Feb_24_201 and
 r2poco8_testbench_v005_2013_Feb_27_1539.bof

Generic lab setup with SMA to RJ45 Adapter



The noise sources and low pass filters, not shown, are at the top of this rack and aren't shown
The 1 ft CAT7 loopback cable is for network analyzer measurements.

SMA to RJ45 adapter board



ADC16x250-8 rj45 rev 1 S/N 001

Note for each ADC IC A,B, C and D the input 4 and input 2
input circuitry are on the top of the PCB. The input 3 and
input 1 circuits are on the bottom of the PCB.

