

# Construction & Testing Plan for the DSSDs

## Part A: DSSD Testing

1)

Test DSSD#2

- Dog house – (ready by 23.4.2012)
- Cabling to test the DSSD in sections – shortcut of the N+ side: test sections (32) of the P+
- Set up electronics
- Set up DAQ

2)

Finish Bonding (end of March) & Test DSSD#3 (end of March)

Testing of DSSDs #2,3 (by the end of April)

3)

Construct DSSD#4 (open – based on tests of DSSDs #2,3)

4)

Based on results from #2,3 decide about the construction of the “dummy”

REMARK: when everything else is ready for the thermal test, the “dummy” can be made from the old “destroyed PCB” by gluing another silicon fake DSSD in 1 day

5)

Test of the new (original EXL pocket) cabling (by the end of June)

## Part B: SiLi Testing

1)

New cabling and connectors for the SiLi's (end of April)

2)

Functionality test with the SiLi's (end of May) + compare the calibration with the Alpha-calibrator box possibility (end of June)

People: Brano, Manfred, Oleg, Mirko, Yue