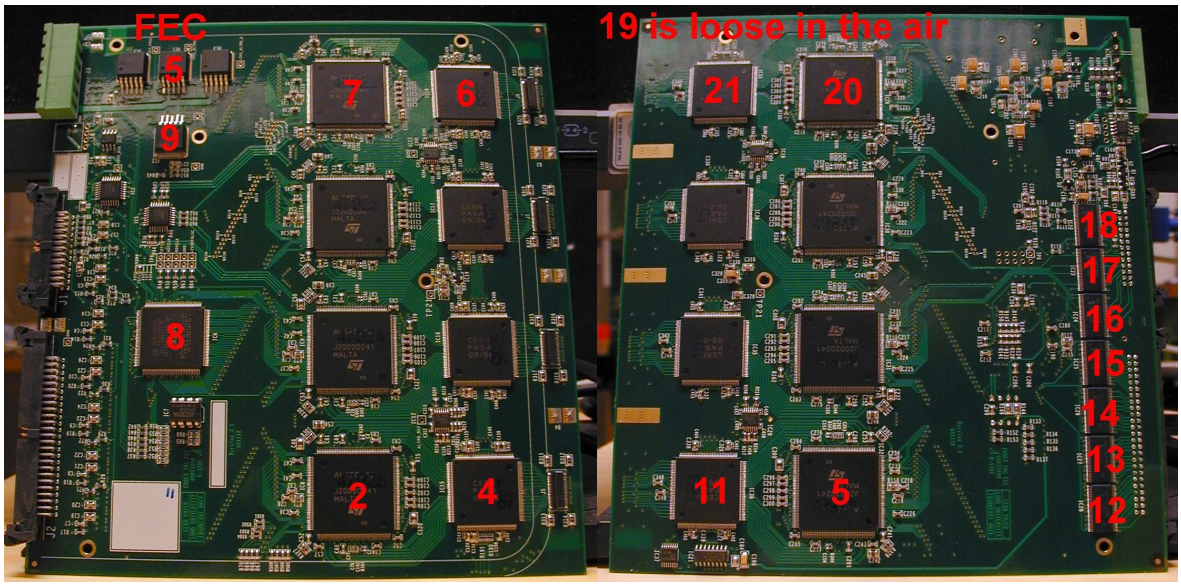
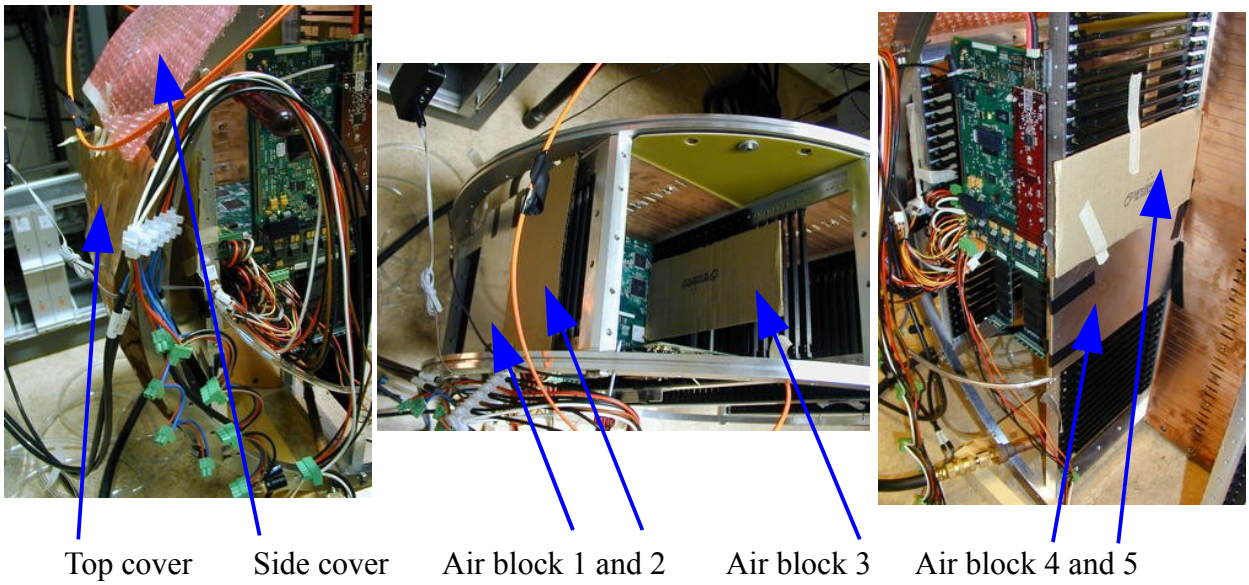
Test of cooling:
5 FECs used (75,76,5,78,74). FEC5 in the middle with extra temperature sensors mounted:

FRONT BACK



The cooling plate was put in position 70 mm, measured from the front of FEC, ring rotated, and the temperature was measured with more blocking of the airflow.

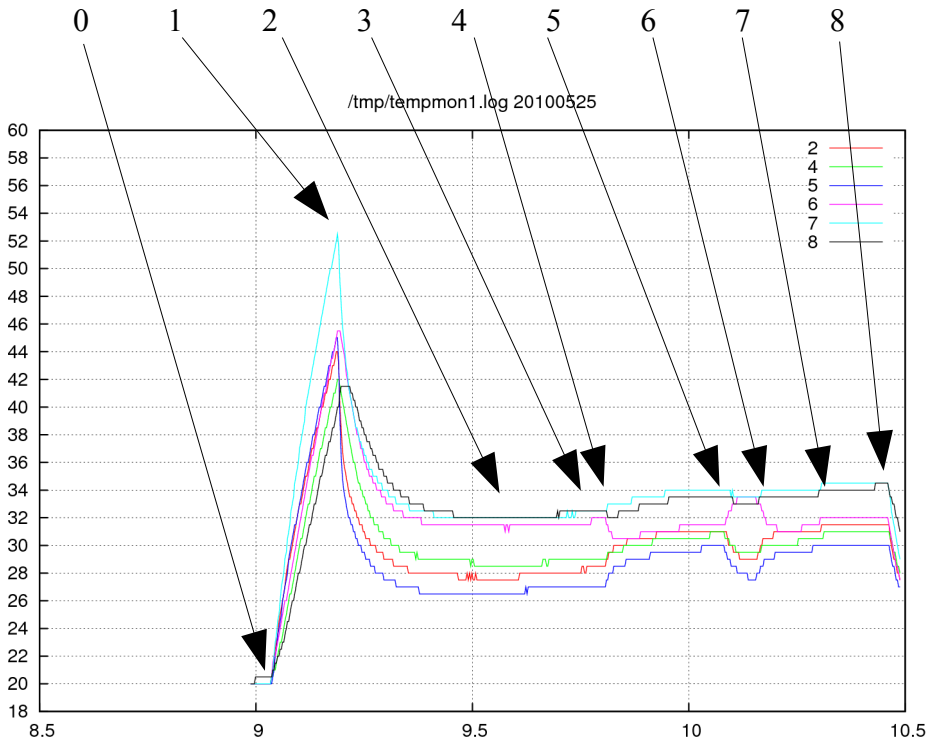


Top cover Side cover Air block 1 and 2 Air block 3 Air block 4 and 5

Event sequence:

0	9.02	power on with “Air block 1” and “Air block 4”
1	9.12	Cooling on. 2 Bar, position 70mm
2	9.35	put on a “top cover” and “side cover”
3	9.45	put on “Air block 5”
4	9.50	put on “Air block 2”
5	10.05	remove “Air block 5” and put as “Air block 3” (i.e. “Block input”)
6	10.10	remove “Air block 3”
7	10.15	put back side cover
8	10.25	power off, cooling is still on

Note y-scale is up to 60 degrees. When the approached 60 did we turn on the cooling, though the temperature had not got stable.


0
1
2
3
4
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6
7
8
/tmp/tempmon1.log 20100525
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7
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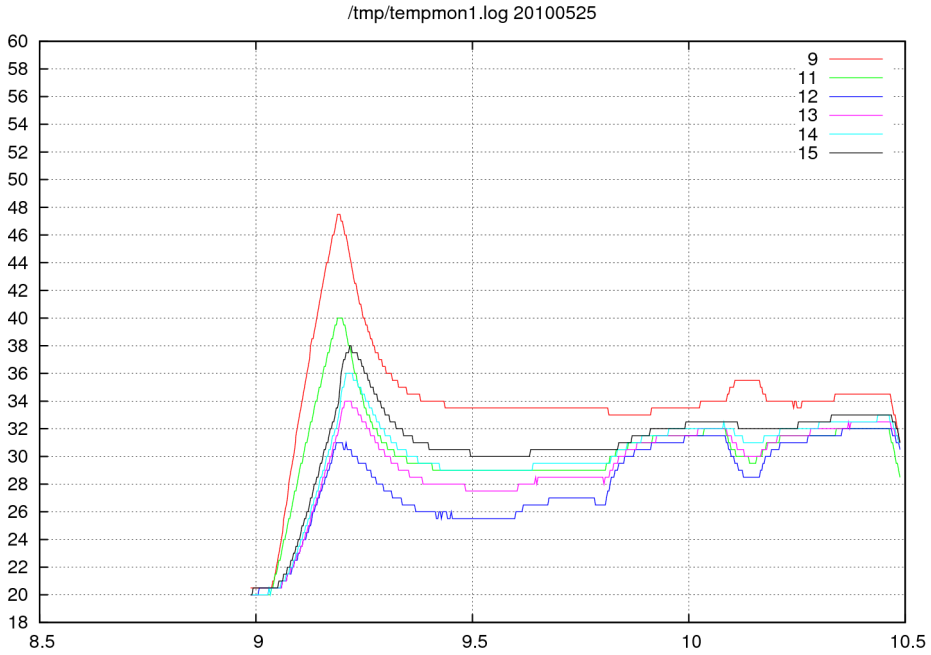
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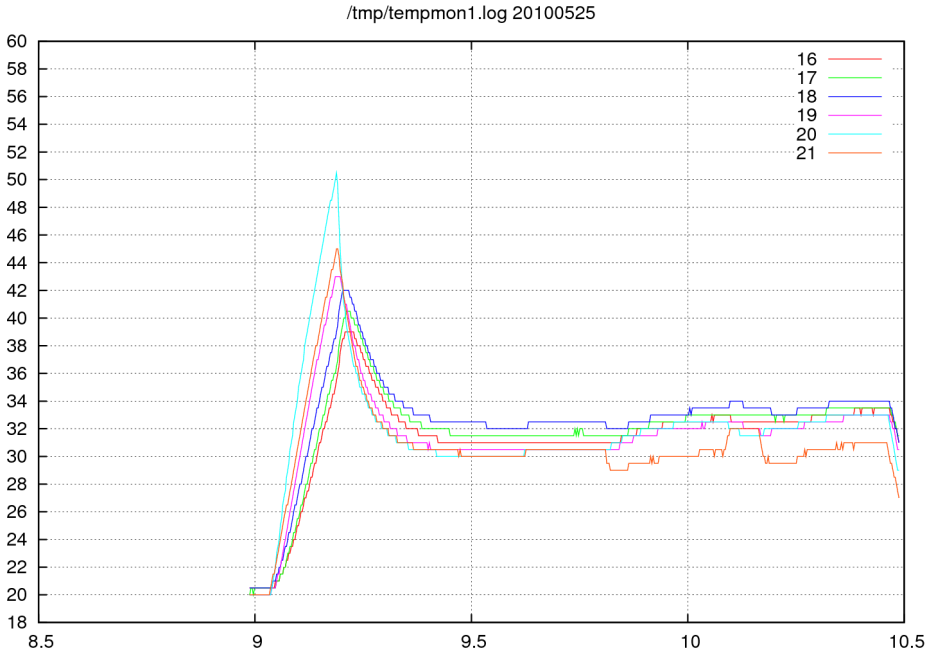
/tmp/tempmon1.log 20100525
16
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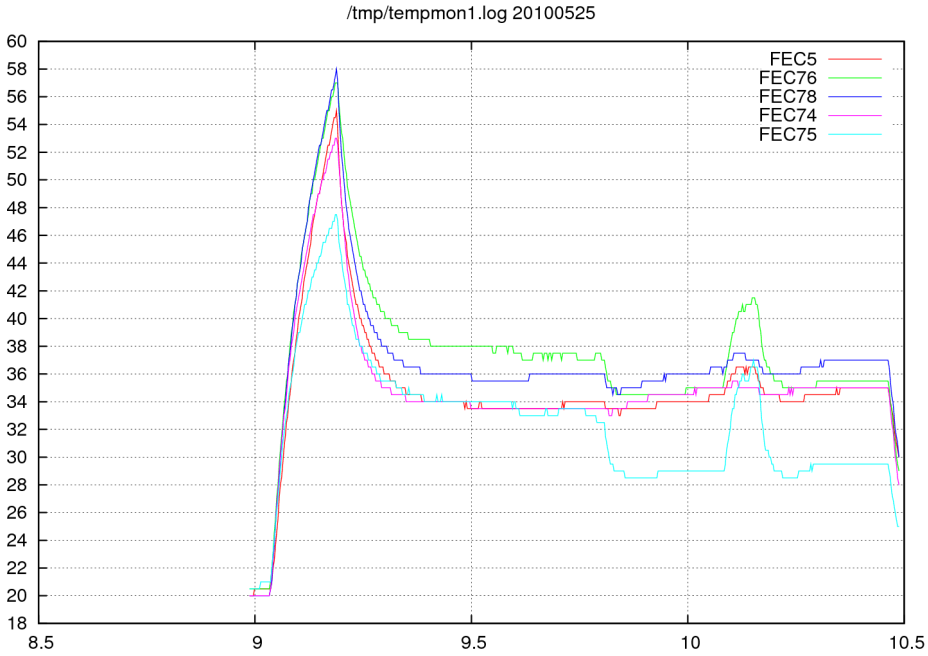
/tmp/tempmon1.log 20100525
FEC5
FEC76
FEC78
FEC74
FEC75
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10.5