

CBC3.1 update

Ongoing and upcoming activities

- Supply voltage range tests over temperature
 - LDO PSRR vs dropout
 - LDO dropout vs temperature
 - Analog front-end performance vs temperature
- Data and stub delay measurements
- Test to verify performance at high (random) trigger rate
- SEU tests scheduled for Feb 25-26

VLDOI

- Manual specifies VDDD as $1.2V \pm 10\%$
- VLDOI not actually defined, but MR verified for $1.25V \pm 0.05V$

https://indico.cern.ch/event/613723/contributions/2474070/attachments/1417085/2170028/CBC3_status_Feb_2017.pdf

- Simulated hybrid temperature distribution (by Andreas Mussgiller):

