

L1_Cal Int/Comm Team Toolbox

August 8-12, 2005

Mon, Aug 8	<p>TAB→Cal_Track (Cory/Susan/Mike) Using diag. tools to resolve rate issue. Setting timing between TAB→Cal_Track,GAB.</p> <p>TAB firmware (Mike) Jaro submitted new firmware to fix SW→G chip problem. New VME/SCL firmware.</p> <p>ADF→TAB→L2/L3 (Jorge/Mike/Sabine/Nayeem) Unpacker crashes. Able to see data in subsequent events. Clean hand-pulser run planned for next window w/o external software interference.</p> <p>ADF→TAB(Rahmi/Mike) Investigating overlap region problem.</p> <p>TAB→L3 BER(Lyn/Mark) Iterating firmware for BER.</p> <p>ORC (Lyn) Scheduled for today.</p>
Tues, Aug 9	<p>TAB→Cal_Track (Cory/Susan/Mike) Using diag. tools to resolve rate issue. Setting timing between TAB→Cal_Track,GAB. Measuring latency.</p> <p>TAB firmware (Mike) Verifying operation of new SW-->G firmware.</p> <p>ADF→TAB→L2/L3 (Jorge/Mike/Sabine/Nayeem) Took Zero_Bias run. Testing unpacker. Showed preliminary plots from hand-pulser run.</p> <p>TAB→L3 BER(Lyn/Mark) Mark testing at FCC.</p> <p>ORC (Lyn) VME/SCL dwgs linked to web. Control crate dwgs almost done.</p>
Wed, Aug 10	<p>TAB→Cal_Track (Cory/Susan/Mike) Timing complete. Measuring latency today.</p> <p>ADF→TAB→L2/L3 (Nayeem) Analyzing clean 0-bias run.</p> <p>TAB→L3 BER(Lyn/Mike) Downloaded new firmware. Set-up excel spreadsheet to monitor event error rate and VTM power registers. ~10% bad events appear on ch 1. Investigating.</p> <p>ORC (Lyn) Finishing documentation.</p>
Thurs, Aug 11	<p>TAB→Cal_Track (Cory/Susan/Mike) Initial latency measured. Understanding system contributions.</p> <p>ADF→TAB→L2/L3 (Nayeem) Analyzing clean 0-bias run.</p> <p>TAB→L3 BER(Lyn/Mike) Changed crystal to 50MHz per Marvin's suggestion. Decreased errors to 8%. Downloaded seft triggering firmware to increase rate.</p> <p>ORC (Lyn) Finishing documentation.</p>
Fri, Aug 12	<p>TAB→Cal_Track (Cory/Susan/Mike) Understanding system contributions.</p> <p>ADF→TAB→L2/L3 (Nayeem) RECO working.</p> <p>BLS→tape (Sabine/Mike/Nayeem/Todd) Preliminary Cal pulser to Precision and L1_Cal IIb data to tape. Analyzing.</p> <p>TAB→L3 BER (Lyn/Mike) Taking data.</p> <p>ORC (Lyn) Finishing documentation.</p>