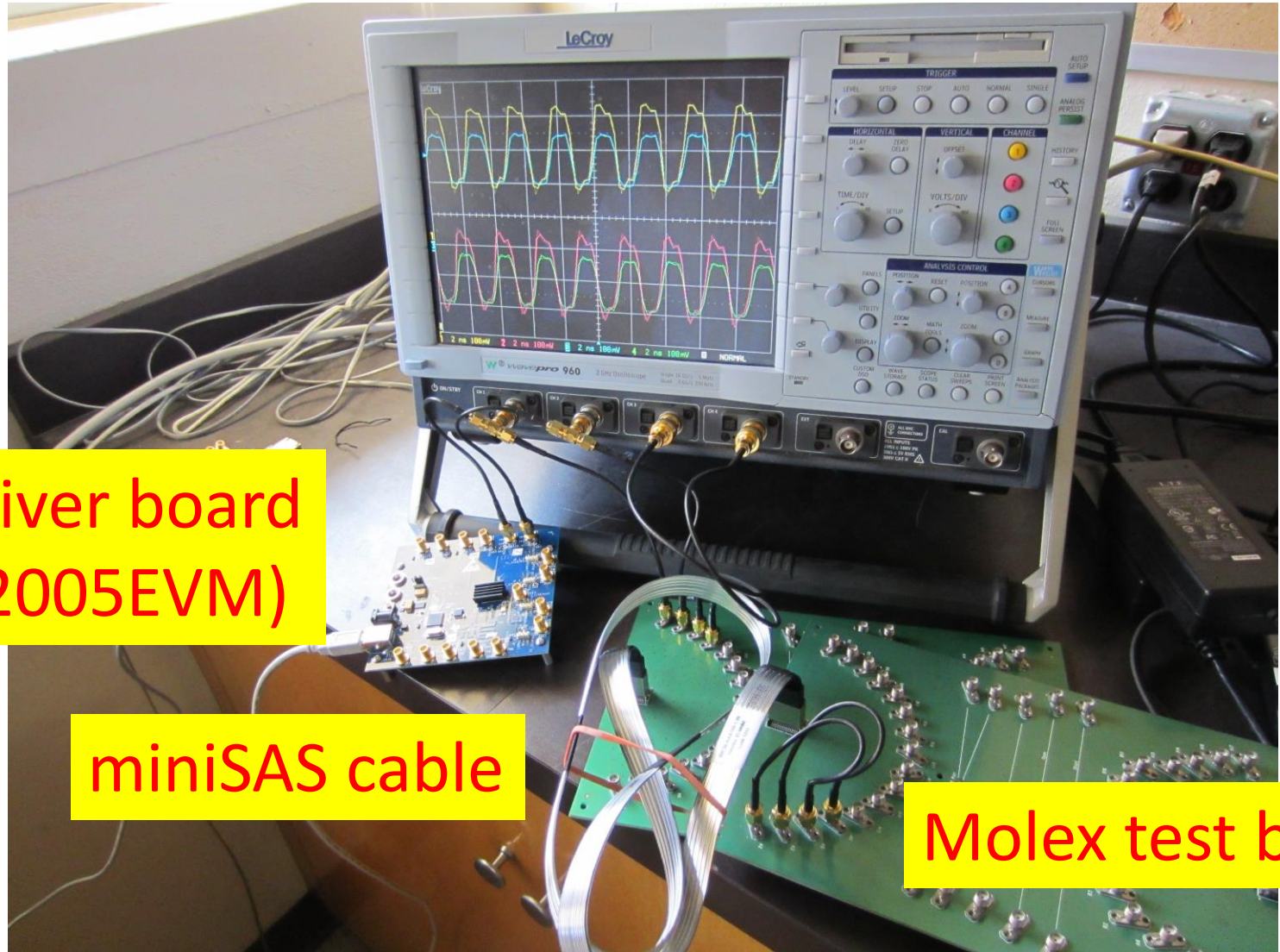


miniSAS Cable Tests

- L1 Accept and ART data are sent from the VMM ASICs at up to 400 MHz, somewhat limiting cable choices
- We tested miniSAS cables (3M 8F68-AAG105) using test fixtures from Molex
- Important since we will use such cables in the test beam and we may see such cables on the NSW
- $< \sim 3\text{dB}$ losses @ 400 MHz so probably ok

miniSAS Cable Tests

- Setup



Clock driver board
(CDCE62005EVM)

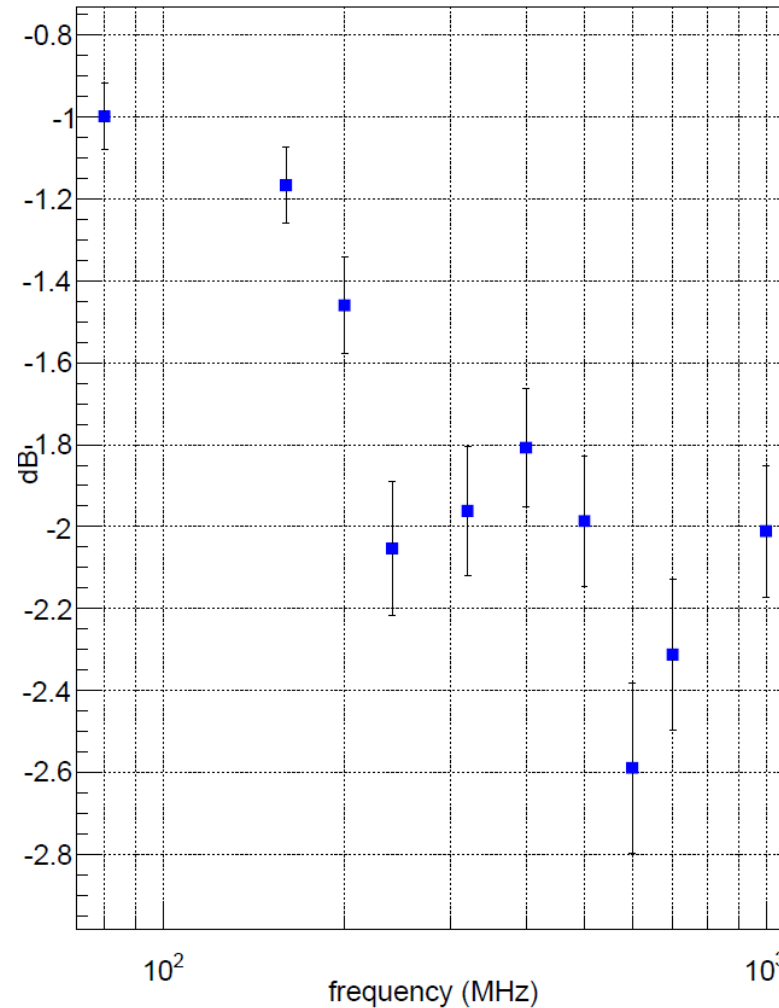
miniSAS cable

Molex test board

miniSAS Attenuation

miniSAS test (3M 8F68-AAG105) for 1m

- 1m cable



miniSAS Attenuation

miniSAS test (3M 8F68-AAG105) for 2m

- 2m cable

