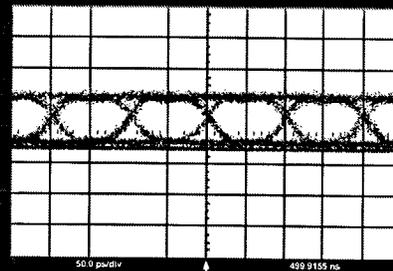


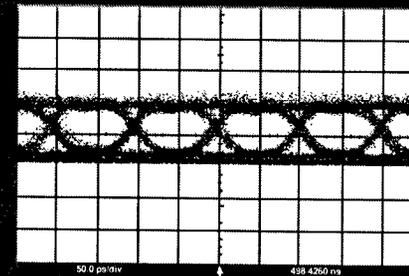
**SUMMARY AND FUTURE WORK**

- Successful multiple-hop routing demonstrated
- Noise and crosstalk accumulation not severe
- Next steps:
  - SOA based testbed (ASE, nonlinearity)
  - More WDM channels--increase bandwidth
  - Different packet sizes

**MULTI-HOP ROUTING RESULTS**



(a) Eyediagram of input packets



(b) Eyediagram of collective output packets

