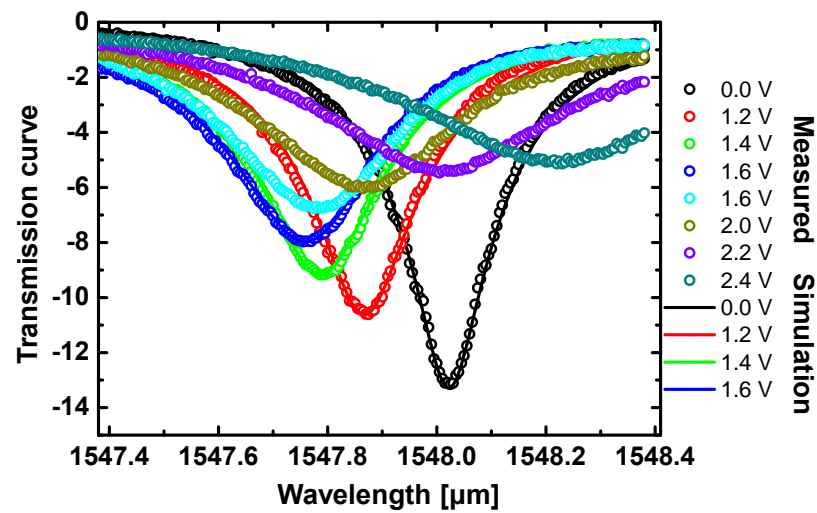
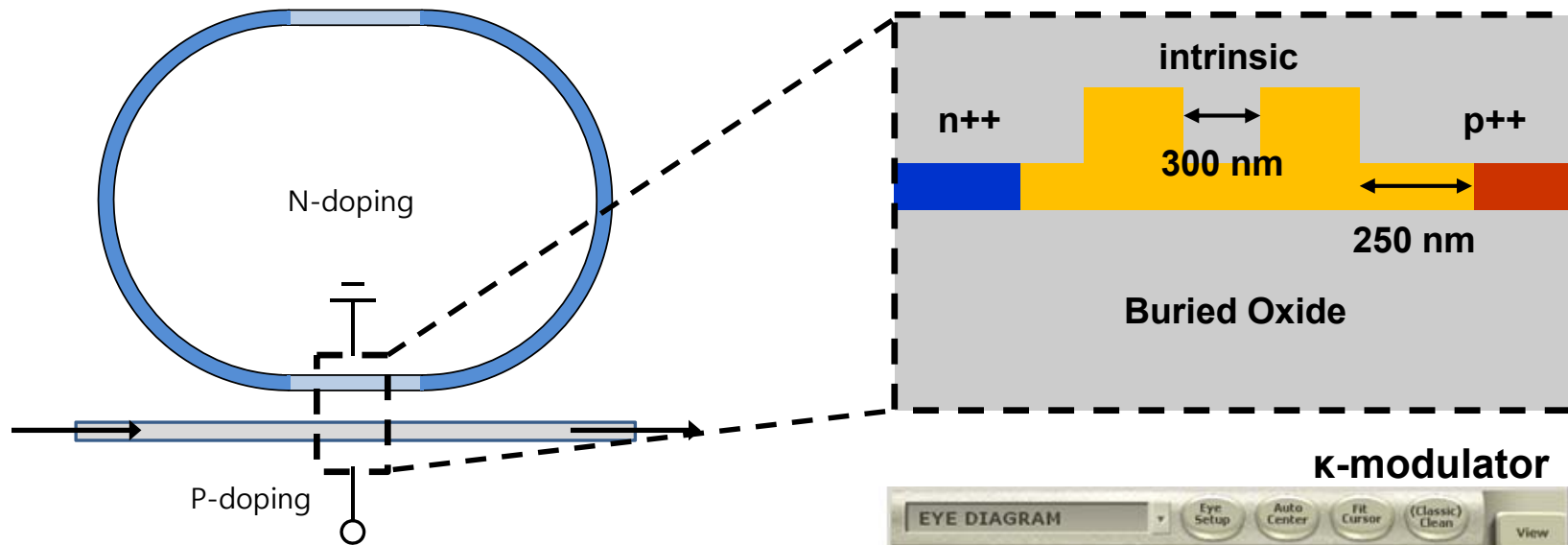
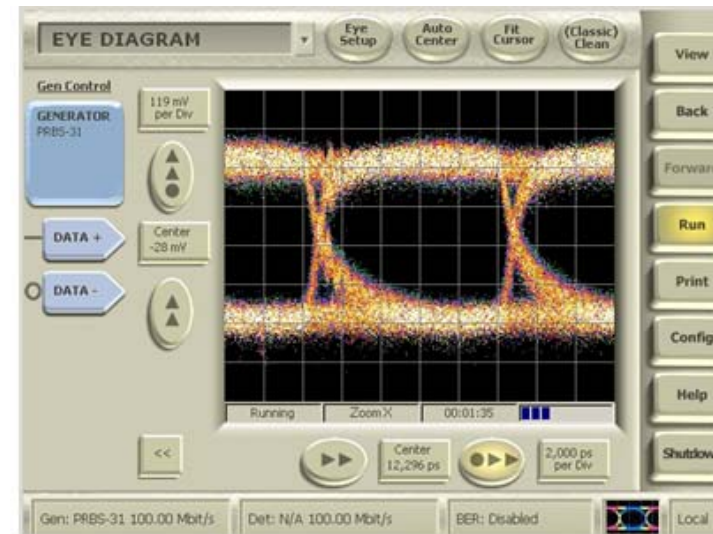


# k-modulator



k-modulator



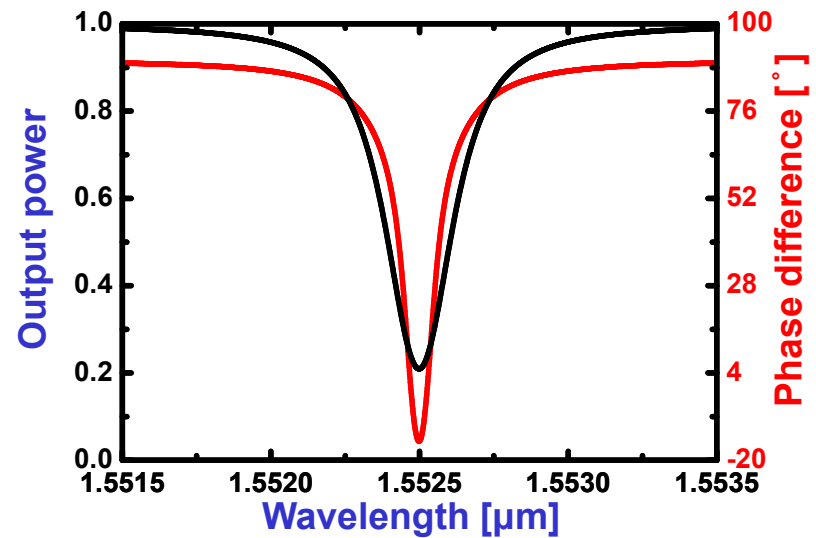
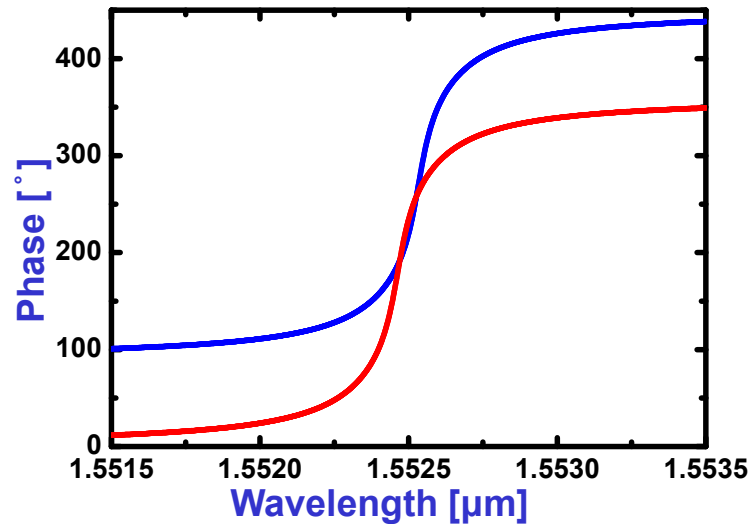
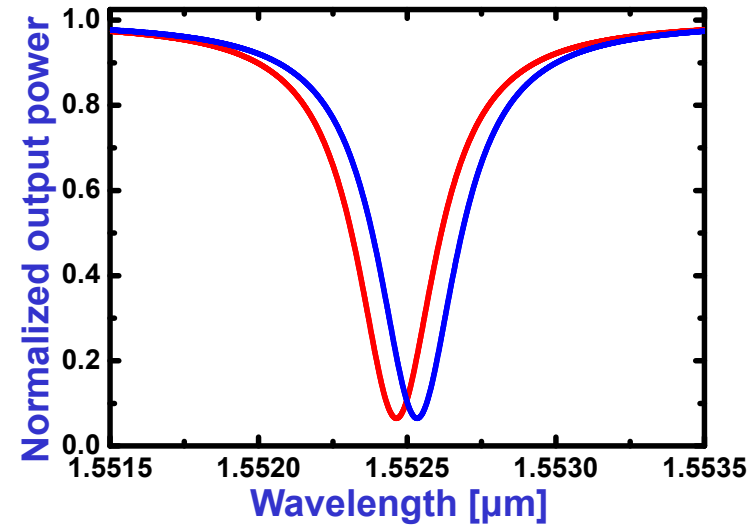
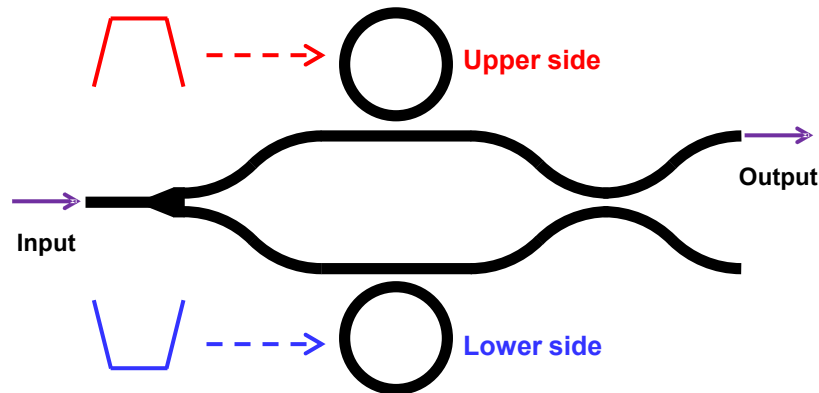
100 Mb/s PRBS31 Single

# RAMZM Differential signal

-  $\alpha = 0.97, \gamma = 0.95$

- Logical zero:

- upper side: 0 V, lower side: -2 V

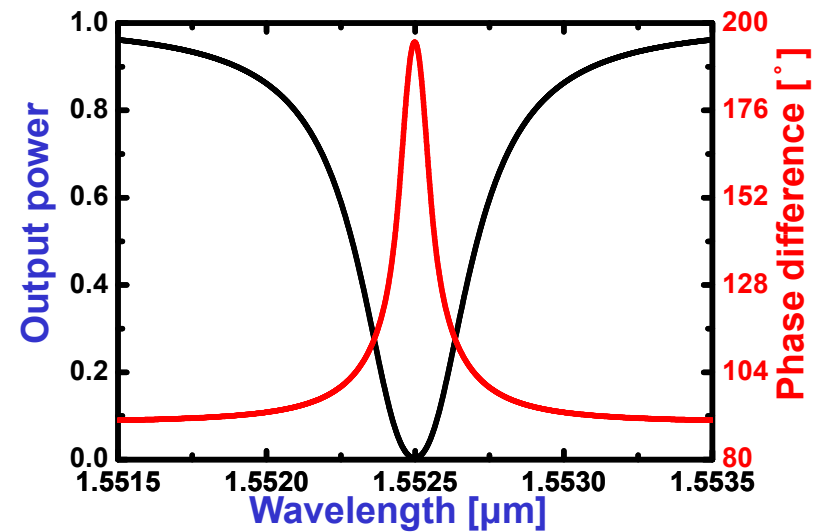
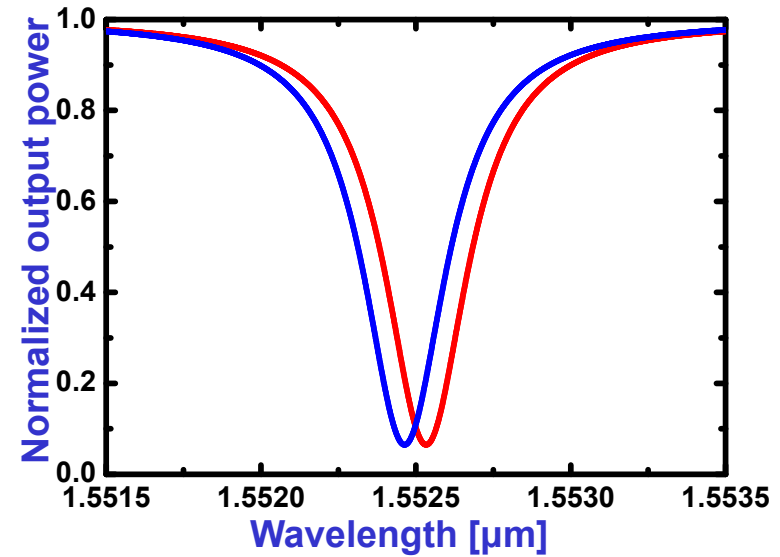
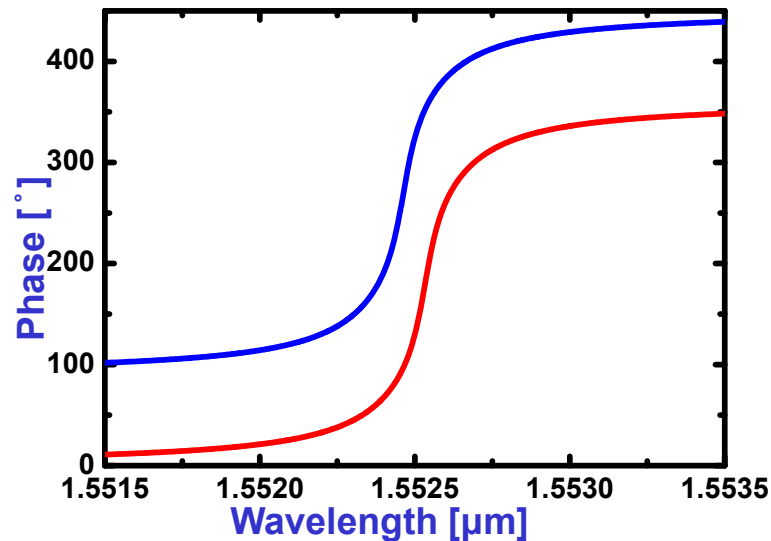
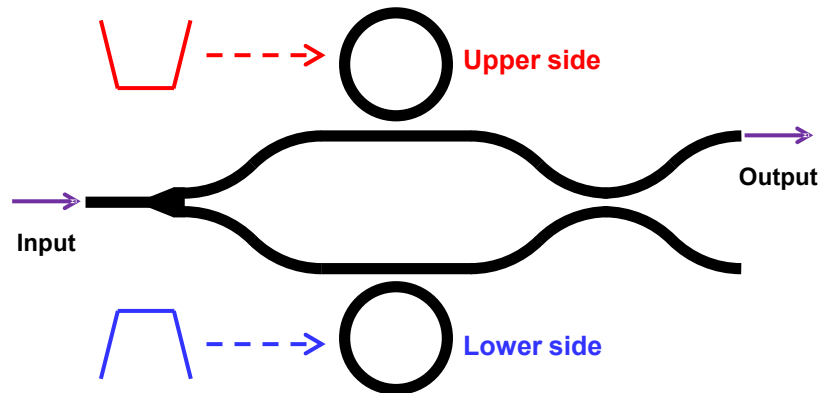


# RAMZM Differential signal

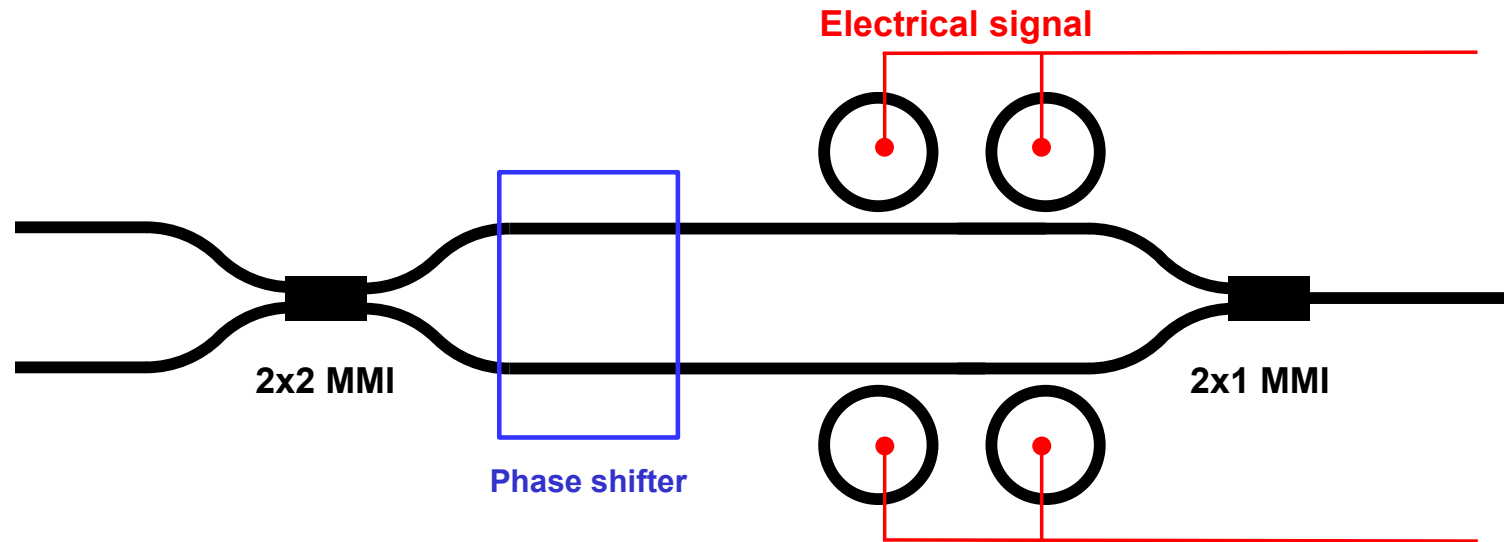
-  $\alpha = 0.97, \gamma = 0.95$

- Logical one:

- upper side: -2 V, lower side: 0 V



# Ring Assisted MZM



Structure of RAMZM (phase modulator, SSB modulator)

