

# Measured 80mm Off-Package Link (PCB)

- 25Gbps (40ps bit period / UI)
- Measured Bit Error Rate to  $10^{-15}$ 
  - 42% of UI error free @  $10^{-15}$
- 9 lanes simultaneously
  - PRBS-31 w/ different lane seeds
- Link needs more equalization
  - Tx + Rx Eq. limited to 6dB
  - Channel = - 8.5dB @ 12.5GHz
  - Signal Integrity can still be improved

