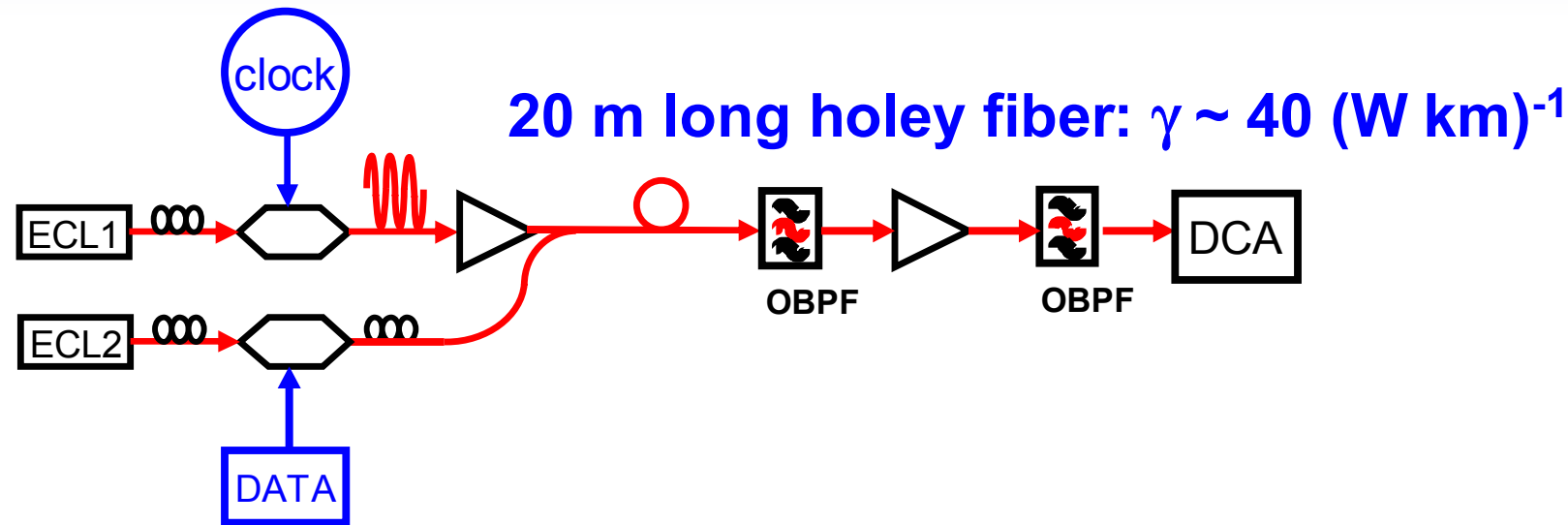


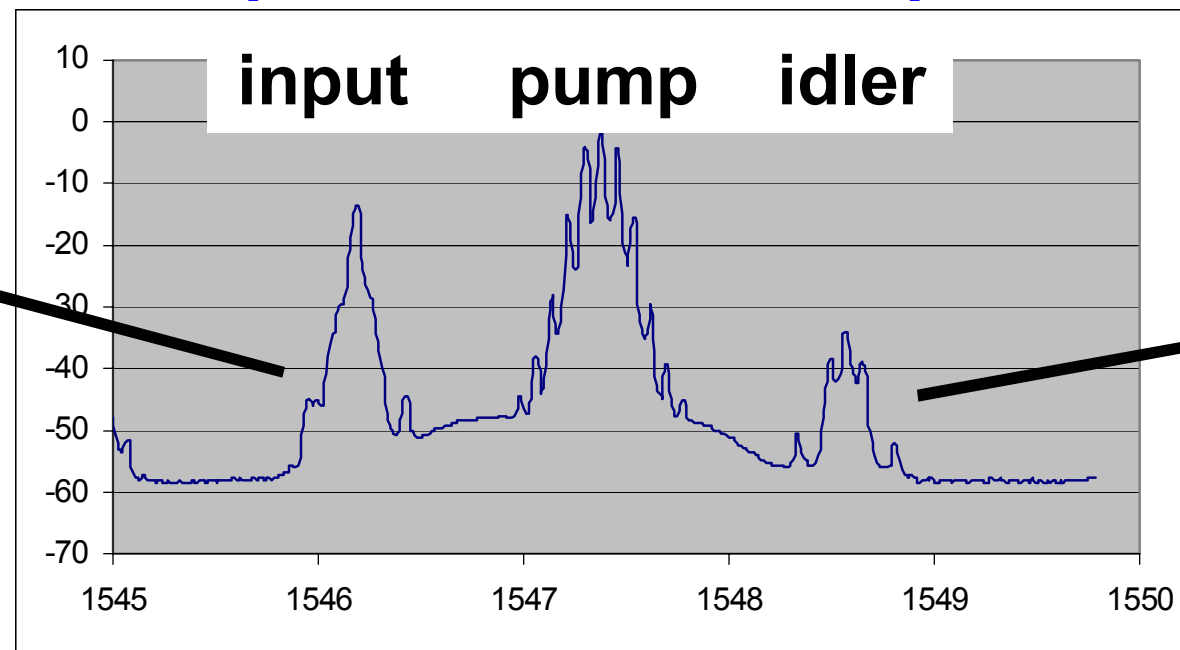
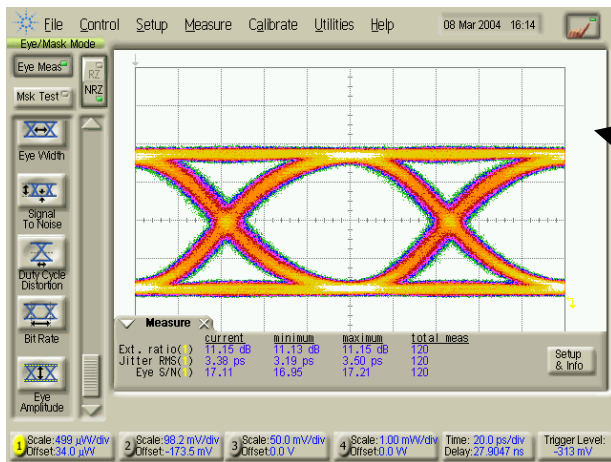


Wavelength and format conversion using FWM in short photonic crystal fibers

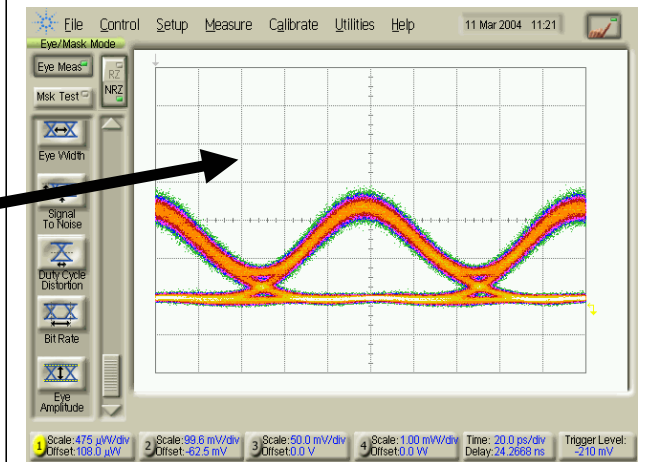


Spectrum at fiber output

10 Gb/s NRZ data @ 1546.2 nm



10 Gb/s RZ data @ 1548.5 nm



Holey fiber behaves essentially as a PM fiber
Error-free performance demonstrated at 10 Gb/s