Simulated Power Transmitted in Each Spectral Channel (ratio of line width to channel spacings = 1) Lines centered at 1530.0437 nm Lines centered at 1530.4284 nm 0 0 -10-10Power in dB Power in dB **-**20 -20<del>-</del>30 -30-40-40-50-50-60-607 12 13 8 2 3 6 8 9 10 11 2 3 6 7 9 10 11 12 Channel Number Channel Number Lines centered at 1530.813 nm Lines centered at 1531.1976 nm 0 0 -10-10Power in dB Power in dB -20-20-30 -30-40-40-50-50-60 --603 5 6 7 8 9 10 11 12 13 2 3 5 6 7 8 9 10 11 12 2 4 4 Channel Number Channel Number Center of Original Profiles Original Gaussian Emission Edge of Original Rectangular Profile Original Rectangular Emission Transmission from Gaussian Profile

Transmission from Rectangular Emission