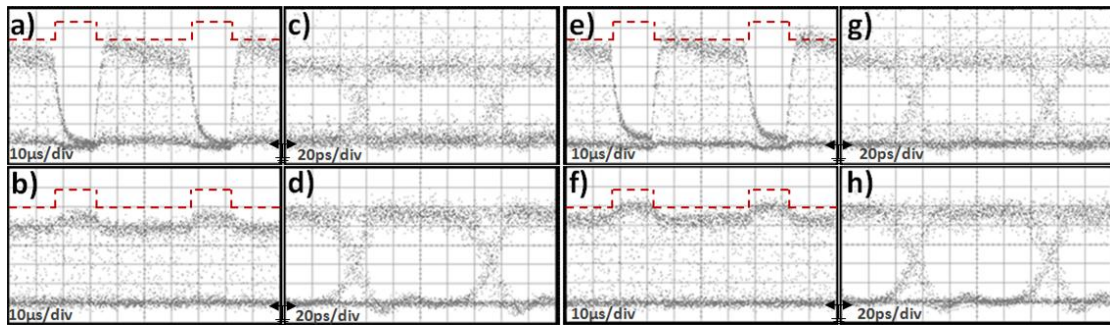


# Supplementary Information

## “Active plasmonics in WDM traffic switching applications”

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**Supplementary Fig. S1: Data injection.** Modulation with 15 μs electrical rectangular pulses at 20KHz repetition rate for 10Gb/s (a) data trace at the CROSS port (channel 3), (b) data trace at the BAR port (channel 3), (c) eye diagram at the CROSS port (channel 3), (d) eye diagram at the BAR port (channel 3), (e) data trace at the CROSS port (channel 4), (f) data trace at the BAR port (channel 4), (g) eye diagram at the CROSS port (channel 4), (h) eye diagram at the BAR port (channel 4).