This folder contains crosstalk data with both phase shifters on, only one phase shifter on, and only the other phase shifter on. I found that the banks to be enabled to get the two individual phase shifters were banks 32 and 64. Each combination of phase shifters being on has eight measurements, corresponding to crosstalk from the neighbouring MZI and the next nearest neighbour for the 4 input-output combinations. In all cases, MZI 39 the outputs of which were being monitored was set close to its 50:50 point.

The measurements for each combination of phase shifters were:

Modulating PS38:

10-11

10-12

13-11

13-12

… and the same with PS37.

I’ve also included some data for MZI 39 for reference.