Chip 2 Draft Report

The figure below shows the design on KLayout with a MZI and de-embedding structure. There is a de-embedding structure to subtract the losses of the grating couplers and experimental setup from the MZI measurements. Therefore, I can plot the MZI without the losses.

A diagram of a diagram

AI-generated content may be incorrect.

The group index (ng) is simulated to be 4.774, yielding a delta L of 2.51mm.

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AI-generated content may be incorrect.

The delta L on the design is 2.513mm giving a simulated FSR of 23.326GHz.