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AlignGC1_Ring_titles.txt
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Report for Grating coupler and ring resonator non-uniformity
Chip ID: Al-waferS3-1-chip13, 298 devices
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*** Figure captions: ***
Fig. 4: timestamps, sorted
Fig. 5:
Fig. 6: outliers, ring ng
Fig. 7:
Fig. 8:
Fig. 9: outliers, GC wavelength
Fig. 10:
Fig. 11: outliers, GC insertion loss
Fig. 1: Typical GC+Ring Optical Spectrum: 6151.685,24254.5
Fig. 12: Physical location of test structures on chip
Fig. 13: Resonances for a fixed mode number
Fig. 14: Resonator wavelength deviation, mean 1530.38nm
Fig. 15: Waveguide Group Index
Fig. 16: Grating coupler peak wavelength deviation, mean 1549.52nm
Fig. 17: Grating coupler Insertion Loss deviation, mean -8.38 dB
Fig. 18: 44253 combinations of 2 resonators
Fig. 19: Resonator: 44253 combinations of 2 resonators, fit line 0.043164x + 0.8
3126
Fig. 21: Resonator: 44253 combinations of 2 resonators, fit line 0.066633x + 0.8
2664
Fig. 22: Grating coupler wavelength: 44253 combinations of 2 GC pairs, fit line
0.0236x + 0.6685
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