

Analysis Report of EdX_May2023_1550TE_integration chip

Measurement date: June 06, 2024

Process: ANT

Name	Wavelength	Polarization	Data	Error	Analysis
PCM_Straight	1550nm	TE	1.13	0.0	Insertion Loss (dB/cm)
PCM_Spiral	1550nm	TE	4.34	0.65	Insertion Loss (dB/cm)
PCM_SWG	1550nm	TE	1.56	0.22	Insertion Loss (dB/cm)
PCM_YBranch	1550nm	TE	0.17	0.03	Insertion Loss (dB/device)
PCM_ContraDC	1550nm	TE	-0.09	0.03	Insertion Loss (dB/device)
PCM_Bragg_reg	1550nm	TE	-2.49	N/A	Bragg Drift (nm)
PCM_Bragg_sweep	1550nm	TE	N/A	N/A	Bragg Drift (nm)
PCM_GIndex	1550 nm	TE	4.13	0.05	Group Index



















