

August 20th, 2025

Mode-mismatch calculated from OMC scans (aLog 86445)

Mismatch % = $\text{TEM02}/(\text{TEM00} + \text{TEM02}) * 100\%$

OMC Mode-mismatch for Various ZM4/5 Strain Gauge Values

ZM4 SG (V)	ZM5 SG (V)	TEM00	TEM02	Mismatch (%)
6	-0.4	0.495383	0.0110072	2.174
9.5	-0.6	0.481486	0.0166515	3.343
6	-4.5	0.450213	0.0472048	9.490
6	-5.3	0.434166	0.0584461	11.865
9	2	0.466609	0.0312754	6.282
3	2	0.50098	0.011862	2.313
8	-2	0.488242	0.0151673	3.013
4	-2	0.494303	0.0154004	3.021
9.5	-5	0.436958	0.0441607	9.179
9.5	-0.6	0.507055	0.0169962	3.243