

	Geometrical deformation	First path $i = 1$	Second path $i = 2$	Third path $i = 3$
Path length	before	11.6486	11.5240	11.4968
$(d_i / d_{Ti}$ in cm)	after	11.6160	11.1245	11.3548
Zenith angle	before	29.935379	29.026608	29.612041
$(\theta_i$ in $^\circ$)	after	29.925878	25.226585	28.772601
Azimuth angle	before	90.000000	329.527953	206.80477
$(\phi_i$ in $^\circ$)	after	90.000000	324.736084	209.23382