

**Table of the positions of the phase center the Geo-IK-2 LRA
from the center of the mounting surface in the direction of location Δ_c
(Correction for range measurement)
(Topocentric (local) coordinate system of the station)**

The zenith angle on the traverse, deg.	The zenith angle, deg.	Azimuth, deg.	Δ_c , mm
0	0	0	29.4
	10	0	40.5
	20	0	51.0
	30	0	60.3
	40	0	68.3
	50	0	76.5
	60	0	84.4
	70	0	90.5
10	10	0	40.5
	20	60.8	51.1
	30	71.9	59.7
	40	77.4	68.3
	50	80.8	76.6
	60	83.3	84.4
	70	85.1	90.5
20	20	0	51.2
	30	50.4	60.3
	40	63.4	68.3
	50	71.0	77.2
	60	76.1	84.3
	70	80.0	90.2
30	30	0	59.7
	40	45.4	68.4
	50	59.3	76.5
	60	68.0	84.4
	70	74.2	90.1
40	40	0	68.2
	50	43.2	76.6
	60	57.6	84.4
	70	67.2	90.1
50	50	0	77.2
	60	42.7	84.3
	70	57.8	90.3
60	60	0	84.4
	70	43.6	90.3
70	70	0	90.0

Δ_c is the distance along the direction of the beam from the center of the mounting surface of the LRA to the phase center.