

LOFAR Geogr		Projections of of Tromso L-shell on Earth's surface		LOFAR azimuth on proj L-shell	Altitude, km from Tsyg.	Distance, km from LOFAR	LOFAR Elevation angles	
Lat	Long	Lat	Long	degrees			from zenith	from Earth's surface
degrees	degrees	degrees	degrees				degrees	degrees
53	6.5	68.08	21.33	19.481	680	2056.85	79.24	10.76
53	6.5	67.28	22.4	22.272	1180	2285.26	67.37	22.63
53	6.5	66.47	23.4	25.205	1670	2583.16	58.10	31.9
53	6.5	65.65	24.34	28.276	2170	2941.7	50.78	39.22
53	6.5	61.5	28.28	45.315	4900	5342	31.71	58.29
53	6.5	57.27	31.28	63.25	7800	8170.46	26.13	63.87
53	6.5	52.98	33.66	79.154	10800	11197.7	25.43	64.57
53	6.5	48.65	35.6	91.648	13800	14286.1	27.01	62.99
53	6.5	44.29	37.24	100.996	16800	17422.1	29.74	60.26
53	6.5	39.92	38.64	107.986	19800	20599.3	33.06	56.94
53	6.5	35.52	39.88	113.321	22600	23615.3	36.78	53.22
53	6.5	31.12	40.99	117.507	25000	26269.3	40.79	49.21
53	6.5	26.71	42.01	120.883	27300	28855.8	44.90	45.1
53	6.5	22.29	42.94	123.676	29200	31075.4	49.16	40.84
53	6.5	17.87	43.82	126.042	30700	32925.6	53.51	36.49
53	6.5	13.44	44.65	128.089	31800	34404.3	57.95	32.05
53	6.5	9.01	45.46	129.893	32500	35509.2	62.44	27.56
53	6.5	0.14	47.02	132.987	32400	36291.2	71.68	18.32