

Antenna Data

L Band System

(a) Width of beam in degrees at the half-power point:

	HORIZONTAL	VERTICAL
Frequency (MHz)	HPBW (degrees)	HPBW (degrees)
1000.0000	2.9893	1.4947
2000.0000	1.4954	0.7477

(b) Orientation in horizontal plane: **146-deg 56-min southeast of north** (See attached document: **horizontal_drawing_20110719.jpg**)

(c) Orientation in vertical plane: **0.0-deg elevation (parallel to ground-reflection plane)** at height of **4.877-m** (See attached document: **vertical_drawing_L_20110718.jpg**)