

The Furuno XN-24AF antenna is 8 feet long and has a gain of 31.5 dB. The horizontal and vertical beamwidths are 0.95 and 20.0 degrees, respectively. Accordingly, the ERP is calculated as $25 \text{ kW} * 1413 = 35.31 \text{ MW}$. The equipment documentation does not specify antenna up- or down-tilt in elevation. The antenna rotates in azimuth.