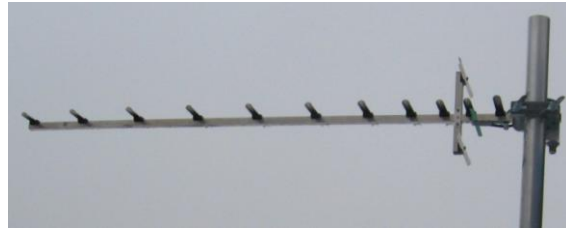


870MHz YAGI

Typical specs:

Antenna gain: 14dBi
 Frequency range -1dB: 845 – 900 MHz
 Opening angle H-pol: $\pm 16^\circ$ @ -3dB
 Opening angle V-pol: $\pm 18^\circ$ @ -3dB
 Special low sidelobe design, in both H-pol or V-pol: < 20dB
 F/B: >27dB
 SWR: < 1:1.3 at 870MHz
 < 1:1.7 at band edge
 Length: 1,15m
 light: 370gr (excl. mastclamp)
 Material: Alu, dipole: Cu on fiberglass
 Mastclamp: galvanised, mast diameter 25 – 60mm
 H-polarisation or V-polarisation possible

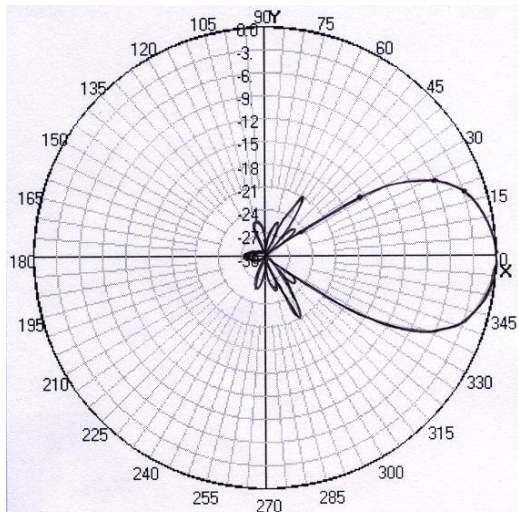


RX version: Active RX antenna:

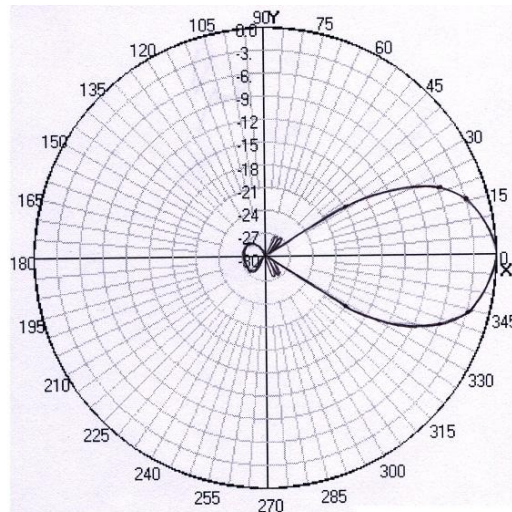
With build-in bandfilter/amplifier, to be used in combination with STAR 870 STL receiver
 F-connector

TX Version: passive
 female N connector

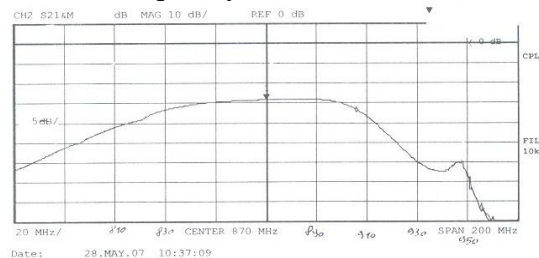
V-pol azimuth pattern:



H-pol azimuth pattern:



Gain vs frequency:



SWR vs frequency:

