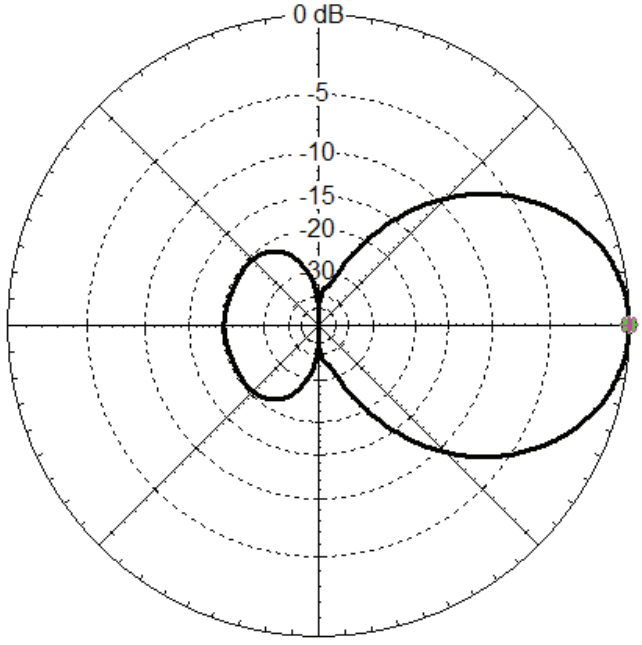
5 Elements Yagi Antenna: Frequency 437 MHz; Gamma match; 10.15 dBi gain; Wavelength 686 mm

Total Field

EZNEC Pro/2+

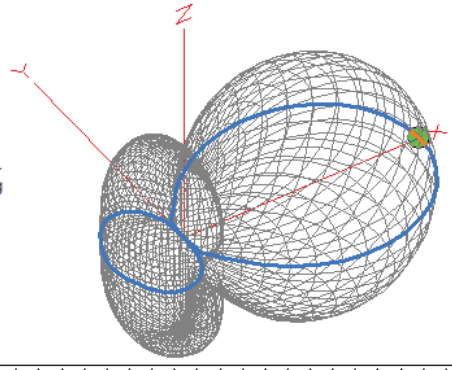


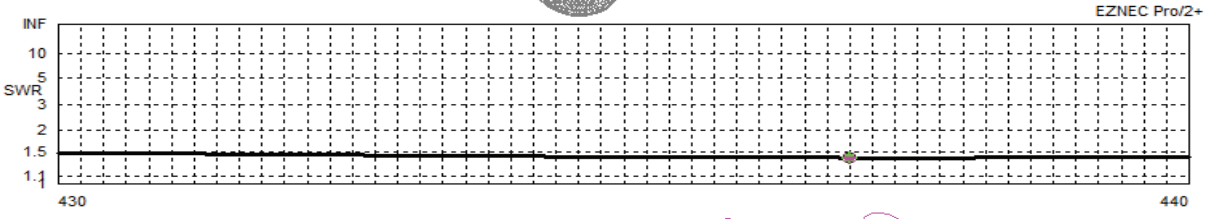
437 MHz

Azimuth Plot
Elevation Angle 0.0 deg.
Outer Ring 10.15 dBi

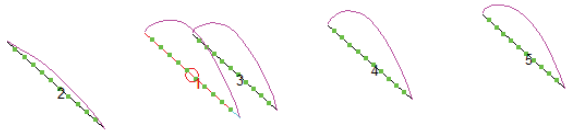
Slice Max Gain 10.15 dBi @ Az Angle = 0.0 deg.
Front/Back 20.39 dB
Beamwidth 53.4 deg.; -3dB @ 333.3, 26.7 deg.
Sidelobe Gain -10.24 dBi @ Az Angle = 180.0 deg
Front/Sidelobe 20.39 dB

Cursor Az 0.0 deg.
Gain 10.15 dBi
0.0 dBmax





Freq 437 MHz
SWR 1.39
Z 36.31 at -4.74 deg.
= 36.19 - j 3.002 ohms
Refl Coeff 0.1639 at -165.74 deg.
= -0.1588 - j 0.04037
Ret Loss 15.7 dB



Version 5E0.70m	References			European projection	Issue date
	Drawing made by	Approved			
RRU Products	PD0GK	R. A.			~~24-08-21~~ 25-02-21