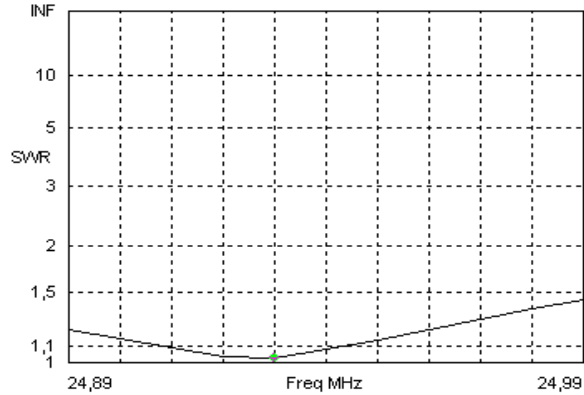


Bausatz 2 ele Yagi 24,9 MHz mit 0,67m Boom im 12,5 Ohm Design
Antenna kit 2 ele Yagi 24,9 MHz with 0,67m boom in 12,5 Ohm Design

Antennenabmessungen je Antennenhälfte				
Dimensions table for each antenna half				
	Position (mm)	20 x 1,5mm	16 x 1,5mm	12 x 1mm
Strahler / Radiator	0	500	1300	1265
Direktor / Director	670	500	1300	1110

Gewinn / Gain 4,46 dBD @ 24,94 MHz
 V/R Verhältnis / F/B ratio 28,76 dB @ 24,94 MHz

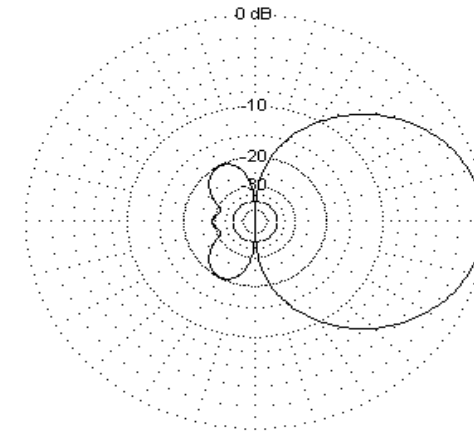
SWR:



Freq 24,93 MHz Source # 1
 SWR 1,023 Z0 12,5 ohms
 Z 12,51 + j 0,2879 ohms
 Refl Coeff 0,01152 at 87,72 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



24,94 MHz

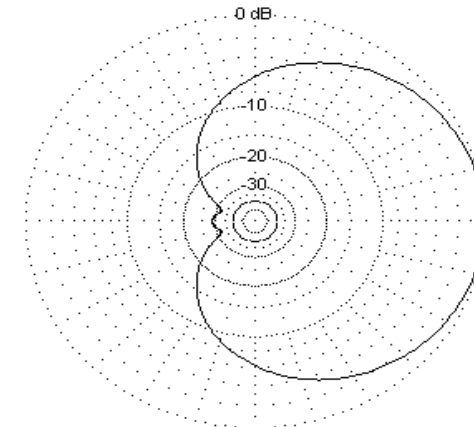
Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 4,46dBref

Cursor Az 0,0 deg.
 Gain 4,46 dBref
 0,0 dBmax

Slice Max Gain 4,46 dBref @ Az Angle = 0,0 deg.
 Front/Back 28,76 dB
 Beamwidth 67,6 deg.; -3dB @ 326,2, 33,8 deg.
 Sidelobe Gain -15,63 dBref @ Az Angle = 121,0 deg.
 Front/Sidelobe 20,1 dB

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



24,94 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 4,46dBref

Cursor Elev 0,0 deg.
 Gain 4,46 dBref
 0,0 dBmax

Slice Max Gain 4,46 dBref @ Elev Angle = 0,0 deg.
 Front/Back 28,76 dB
 Beamwidth 130,8 deg.; -3dB @ 294,6, 65,4 deg.
 Sidelobe Gain -24,3 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 28,76 dB