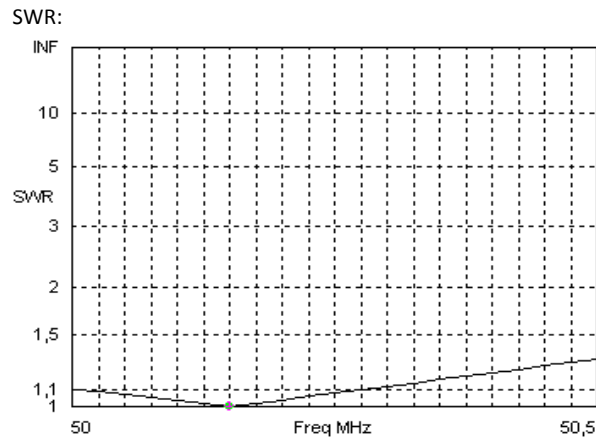


Bausatz 3 ele Yagi 50 MHz mit 1,90m Boom im 28 Ohm Design
Antenna kit 3 ele Yagi 50 MHz with 1,90m boom in 28 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser / Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	12	3010	0
Strahler / Radiator	12	2842	920
Direktor / Director	12	2656	1850

Alle Elementlängen gelten von Spitze zu Spitze, inklusive der Unterbrechung in der Mitte. All element lengths are given from tip to tip, including the spacing in the middle.

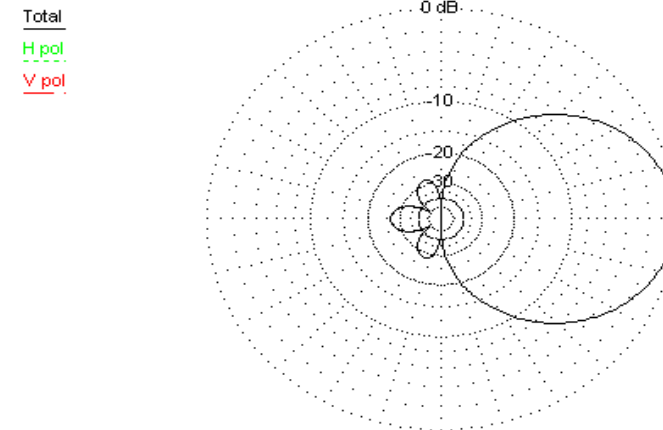


SWR: 1, 1.5, 2, 3, 5, 10, INF

Freq 50,15 MHz Source # 1
 SWR 1,004 Z0 28 ohms
 Z 28,03 + j 0,09585 ohms
 Refl Coeff 0,001798 at 72,01 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 5,75dBref

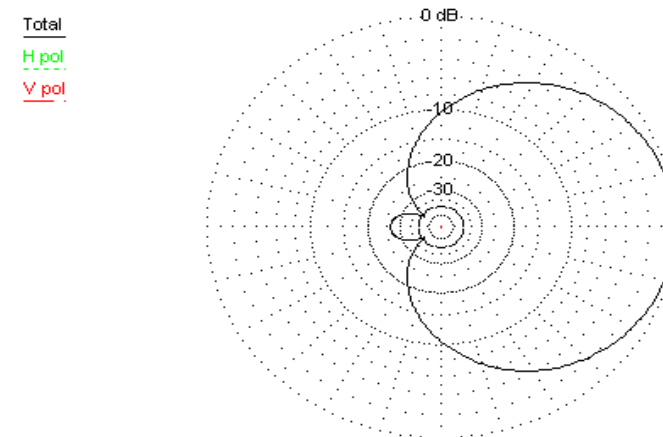
Cursor Az 0,0 deg.
 Gain 5,75 dBref
 0,0 dBmax

Slice Max Gain 5,75 dBref @ Az Angle = 0,0 deg.
 Front/Back 26,33 dB
 Beamwidth 63,8 deg.; -3dB @ 328,1, 31,9 deg.
 Sidelobe Gain -20,59 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 26,33 dB

50,15 MHz

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 5,75dBref

Cursor Elev 0,0 deg.
 Gain 5,75 dBref
 0,0 dBmax

Slice Max Gain 5,75 dBref @ Elev Angle = 0,0 deg.
 Front/Back 26,33 dB
 Beamwidth 104,4 deg.; -3dB @ 307,8, 52,2 deg.
 Sidelobe Gain -20,59 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 26,33 dB

50,15 MHz