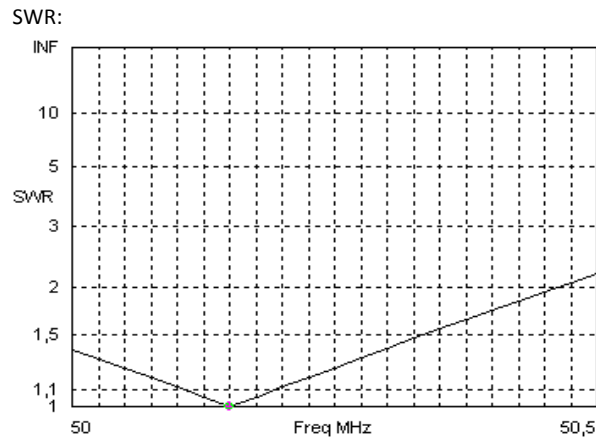


Bausatz 3 ele Yagi 50 MHz mit 2,22m Boom im 12,5 Ohm Design
Antenna kit 3 ele Yagi 50 MHz with 2,22m boom in 12,5 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser / Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	12	2938	0
Strahler / Radiator	12	2788	910
Direktor / Director	12	2708	2170

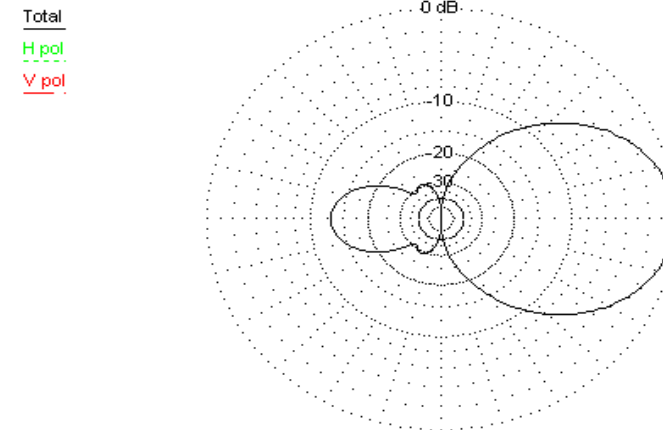
Alle Elementlängen gelten von Spitze zu Spitze, inklusive der Unterbrechung in der Mitte. All element lengths are given from tip to tip, including the spacing in the middle.



Freq 50,15 MHz Source # 1
 SWR 1 Z0 12,5 ohms
 Z 12,51 - j 0,0009807 ohms
 Refl Coeff 0,0002502 at -9,02 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 7,11 dBref

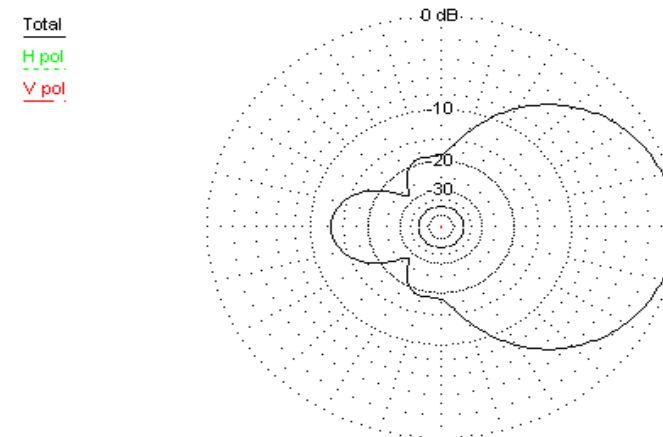
Cursor Az 0,0 deg.
 Gain 7,11 dBref
 0,0 dBmax

Slice Max Gain 7,11 dBref @ Az Angle = 0,0 deg.
 Front/Back 12,91 dB
 Beamwidth 57,6 deg.; -3dB @ 331,2, 28,8 deg.
 Sidelobe Gain -5,8 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 12,91 dB

50,15 MHz

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 7,11 dBref

Cursor Elev 0,0 deg.
 Gain 7,11 dBref
 0,0 dBmax

Slice Max Gain 7,11 dBref @ Elev Angle = 0,0 deg.
 Front/Back 12,91 dB
 Beamwidth 81,2 deg.; -3dB @ 319,4, 40,6 deg.
 Sidelobe Gain -5,8 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 12,91 dB

50,15 MHz