

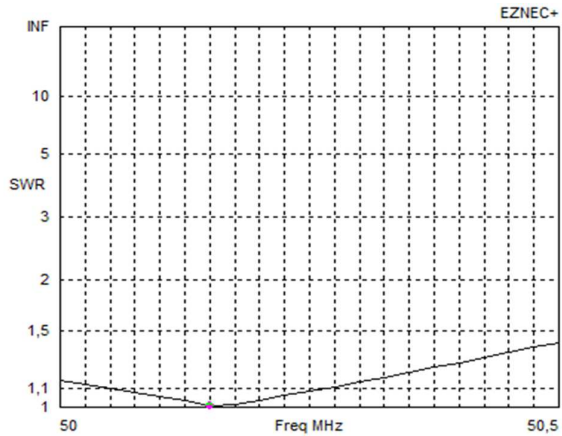


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**Bausatz 2 ele Yagi 50 MHz mit 0,6m Boom im 28 Ohm Design**  
**Antenna kit 2 ele Yagi 50 MHz with 0,6m boom in 28 Ohm Design**

Antennenabmessungen je Antennenhälfte			
Dimensions table for each antenna half			
	Position (mm)	16 x 1,5mm	12 x 1mm
Strahler / Radiator	0	500	988
Direktor / Director	600	500	881

SWR:

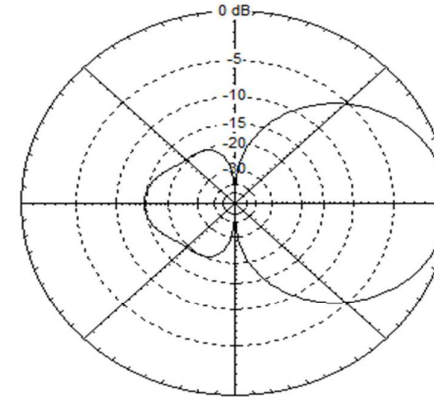


Freq 50,15 MHz Source # 1  
 SWR 1,01 Z0 28 ohms  
 Z 28,05 at -0,56 deg.  
 = 28,05 - j 0,276 ohms  
 Refl Coeff 0,004999 at -79,79 deg.  
 = 0,0008861 - j 0,00492  
 Ret Loss 46,0 dB

Horizontales Richtdiagramm / Azimuth plot

\* Total Field  
 Horizontal Pol  
 Vertical Pol

EZNEC+



50,15 MHz

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

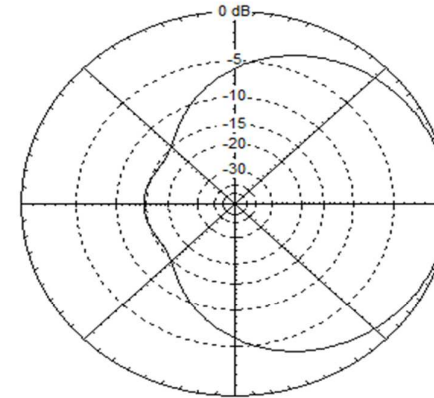
Cursor Az 0,0 deg.  
 Gain 4,4 dBref  
 0,0 dBmax

Slice Max Gain 4,4 dBref @ Az Angle = 0,0 deg.  
 Front/Back 14,6 dB  
 Beamwidth 68,2 deg.; -3dB @ 325,9, 34,1 deg.  
 Sidelobe Gain -10,2 dBref @ Az Angle = 180,0 deg.  
 Front/Sidelobe 14,6 dB

Vertikales Richtdiagramm / Elevation plot

\* Total Field  
 Horizontal Pol  
 Vertical Pol

EZNEC+



50,15 MHz

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

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

Slice Max Gain 4,4 dBref @ Elev Angle = 0,0 deg.  
 Front/Back 14,6 dB  
 Beamwidth 132,6 deg.; -3dB @ 293,7, 66,3 deg.  
 Sidelobe Gain -10,2 dBref @ Elev Angle = 180,0 deg.  
 Front/Sidelobe 14,6 dB