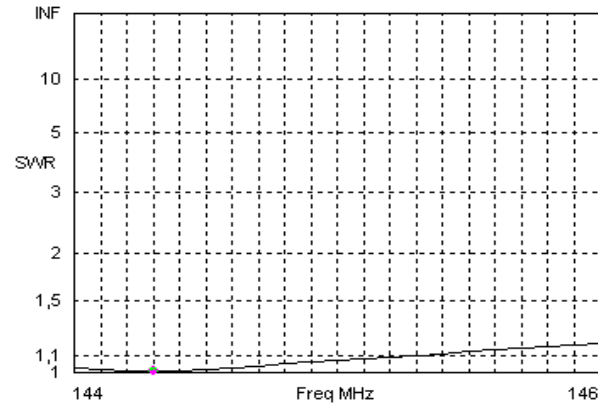


**Bausatz 3 ele Yagi 144 MHz mit 0,87m Boom im 50 Ohm Design**  
**Antenna kit 3 ele Yagi 144 MHz with 0,87m boom in 50 Ohm Design**

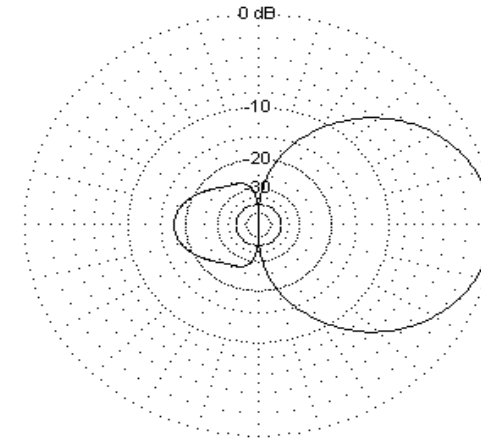
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	1020	0
Strahler / Radiator	8	966	480
Direktor / Director	8	850	850

**SWR:**



Freq 144,3 MHz Source # 1  
 SWR 1,007 Z0 50 ohms  
 Z 49,66 - j 0,005479 ohms  
 Refl Coeff 0,00346 at -179,09 deg.

**Azimuth:**



EZNEC-M

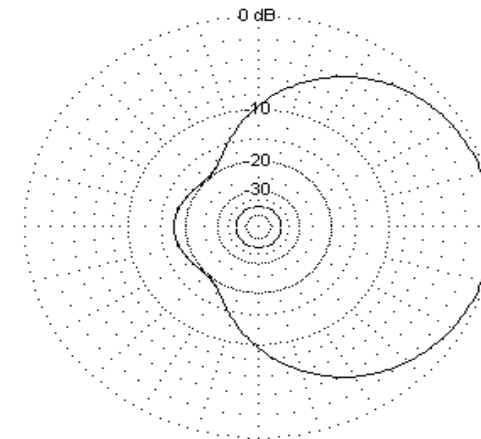
144,3 MHz

Azimuth Plot  
 Elevation Angle 0,0 deg.  
 Outer Ring 5,31dBref

Cursor Az 0,0 deg.  
 Gain 5,31 dBref  
 0,0 dBmax

Slice Max Gain 5,31 dBref @ Az Angle = 0,0 deg.  
 Front/Back 17,49 dB  
 Beamwidth 66,4 deg.; -3dB @ 326,8, 33,2 deg.  
 Sidelobe Gain -12,17 dBref @ Az Angle = 180,0 deg.  
 Front/Sidelobe 17,49 dB

**Elevation:**



EZNEC-M

144,3 MHz

Elevation Plot  
 Azimuth Angle 0,0 deg.  
 Outer Ring 5,31dBref

Cursor Elev 0,0 deg.  
 Gain 5,31 dBref  
 0,0 dBmax

Slice Max Gain 5,31 dBref @ Elev Angle = 0,0 deg.  
 Front/Back 17,49 dB  
 Beamwidth 113,6 deg.; -3dB @ 303,2, 56,8 deg.  
 Sidelobe Gain -12,17 dBref @ Elev Angle = 180,0 deg.  
 Front/Sidelobe 17,49 dB