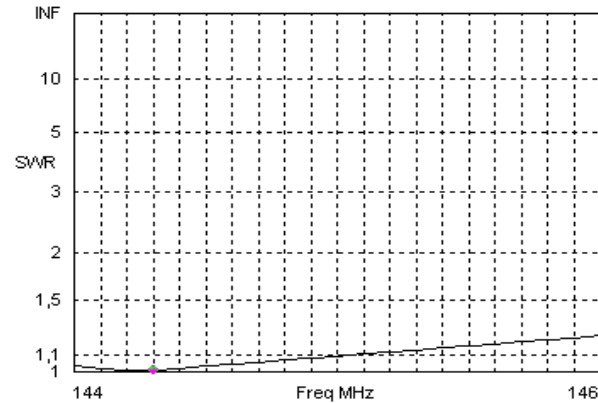


Bausatz 4 ele Yagi 144 MHz mit 1,01m Boom im 50 Ohm Design
Antenna kit 4 ele Yagi 144 MHz with 1,01m boom in 50 Ohm Design

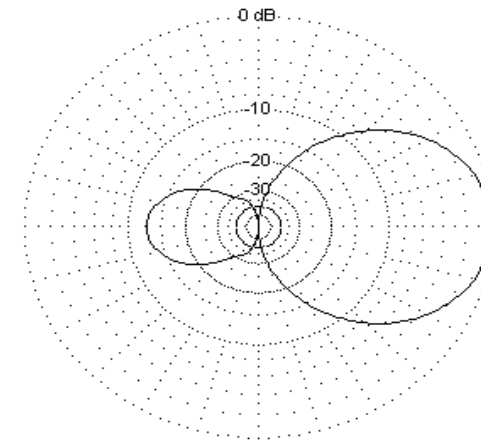
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	1016	0
Strahler / Radiator	8	978	260
Direktor 1 / Director 1	8	920	470
Direktor 2 / Director 2	8	884	985

SWR:



Freq 144,3 MHz Source # 1
 SWR 1,01 Z0 50 ohms
 Z 50,01 - j 0,4925 ohms
 Refl Coeff 0,004925 at -88,36 deg.

Azimuth:



EZNEC-M

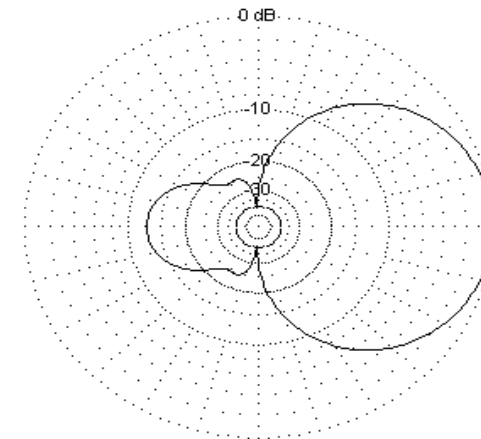
144,3 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 7,12dBref

Cursor Az 0,0 deg.
 Gain 7,12 dBref
 0,0 dBmax

Slice Max Gain 7,12 dBref @ Az Angle = 0,0 deg.
 Front/Back 12,67 dB
 Beamwidth 58,4 deg.; -3dB @ 330,8, 29,2 deg.
 Sidelobe Gain -5,55 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 12,67 dB

Elevation:



EZNEC-M

144,3 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 7,12dBref

Cursor Elev 0,0 deg.
 Gain 7,12 dBref
 0,0 dBmax

Slice Max Gain 7,12 dBref @ Elev Angle = 0,0 deg.
 Front/Back 12,67 dB
 Beamwidth 83,0 deg.; -3dB @ 318,5, 41,5 deg.
 Sidelobe Gain -5,55 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 12,67 dB