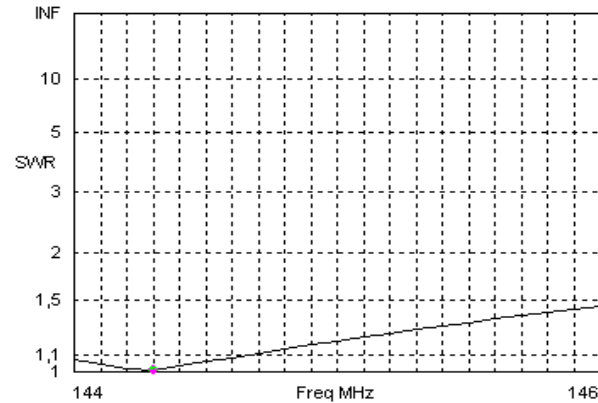


Bausatz 4 ele Yagi 144 MHz mit 0,84m Boom im 28 Ohm Design
Antenna kit 4 ele Yagi 144 MHz with 0,84m boom in 28 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	1007	0
Strahler / Radiator	10	964	305
Direktor 1 / Director 1	8	938	485
Direktor 2 / Director 2	8	908	820

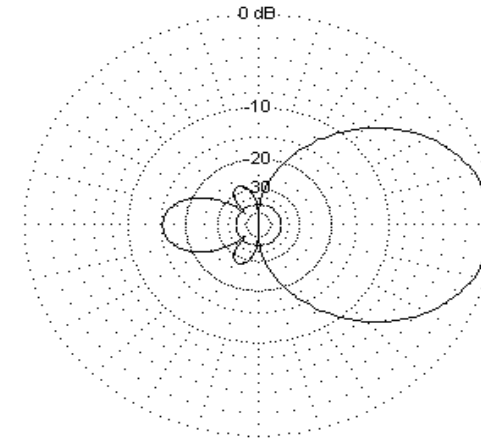
SWR:



Freq 144,3 MHz
 SWR 1,009
 Z 28,26 + j 0,005998 ohms
 Refl Coeff 0,004632 at 1,31 deg.

Source # 1
 Z0 28 ohms

Azimuth:



EZNEC-M

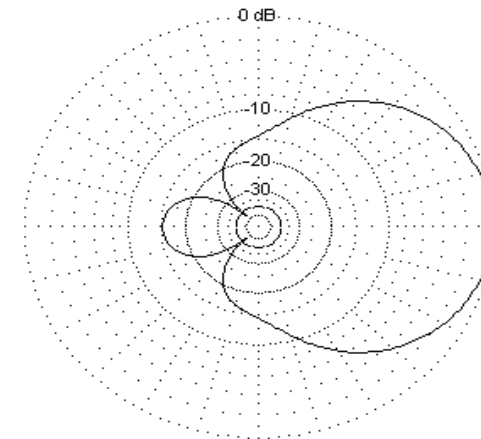
144,3 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 6,87dBref

Cursor Az 0,0 deg.
 Gain 6,87 dBref
 0,0 dBmax

Slice Max Gain 6,87 dBref @ Az Angle = 0,0 deg.
 Front/Back 15,26 dB
 Beamwidth 58,4 deg.; -3dB @ 330,8, 29,2 deg.
 Sidelobe Gain -8,38 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 15,26 dB

Elevation:



EZNEC-M

144,3 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 6,87dBref

Cursor Elev 0,0 deg.
 Gain 6,87 dBref
 0,0 dBmax

Slice Max Gain 6,87 dBref @ Elev Angle = 0,0 deg.
 Front/Back 15,26 dB
 Beamwidth 83,6 deg.; -3dB @ 318,2, 41,8 deg.
 Sidelobe Gain -8,38 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 15,26 dB