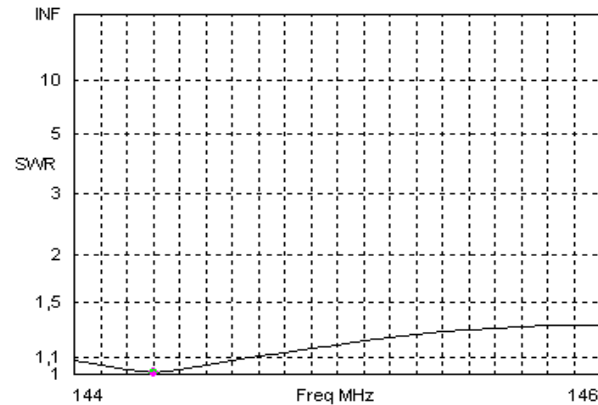


Bausatz 6 ele Yagi 144 MHz mit 2,4m Boom im 28 Ohm Design
Antenna kit 6 ele Yagi 144 MHz with 2,4m boom in 28 Ohm Design

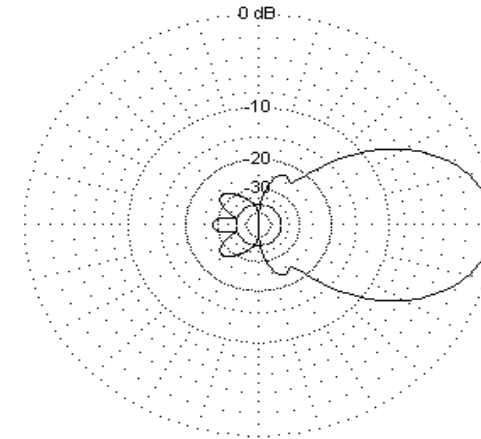
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	1019	0
Strahler / Radiator	10	972	375
Direktor 1 / Director 1	8	942	640
Direktor 2 / Director 2	8	914	1150
Direktor 3 / Director 3	8	912	1785
Direktor 4 / Director 4	8	884	2380

SWR:



Freq 144,3 MHz Source # 1
 SWR 1,008 Z0 28 ohms
 Z 28,22 - j 0,07695 ohms
 Refl Coeff 0,004177 at -19,05 deg.

Azimuth:



EZNEC-M

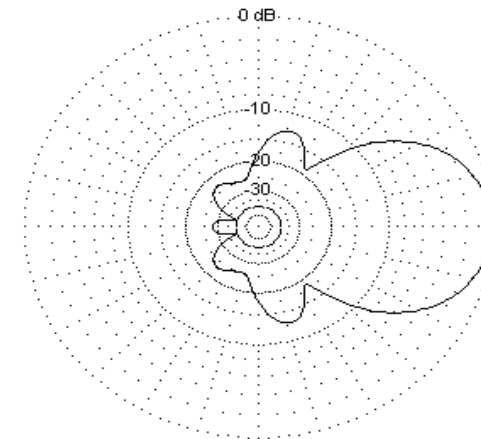
144,3 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 9,89dBref

Cursor Az 0,0 deg.
 Gain 9,89 dBref
 0,0 dBmax

Slice Max Gain 9,89 dBref @ Az Angle = 0,0 deg.
 Front/Back 27,83 dB
 Beamwidth 44,8 deg.; -3dB @ 337,6, 22,4 deg.
 Sidelobe Gain -13,16 dBref @ Az Angle = 64,0 deg.
 Front/Sidelobe 23,05 dB

Elevation:



EZNEC-M

144,3 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 9,89dBref

Cursor Elev 0,0 deg.
 Gain 9,89 dBref
 0,0 dBmax

Slice Max Gain 9,89 dBref @ Elev Angle = 0,0 deg.
 Front/Back 27,83 dB
 Beamwidth 52,8 deg.; -3dB @ 333,6, 26,4 deg.
 Sidelobe Gain -2,9 dBref @ Elev Angle = 287,0 deg.
 Front/Sidelobe 12,79 dB