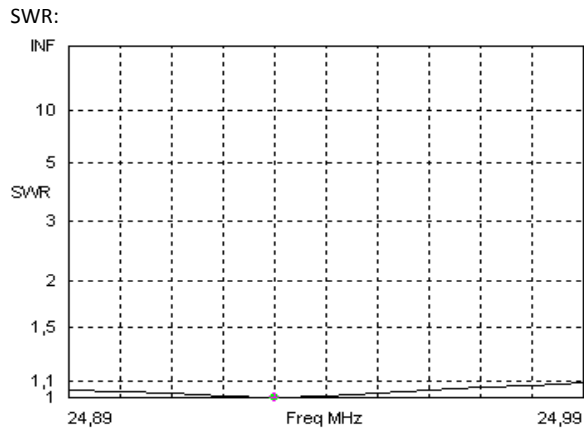


Bausatz 4 ele Yagi 24,9 MHz mit 4,85m Boom im 28 Ohm Design
Antenna kit 4 ele Yagi 24,9 MHz with 4,85m boom in 28 Ohm Design

Antennenabmessungen je Antennenhälfte				
Dimensions table for each antenna half				
	Position (mm)	20 x 1,5mm	16 x 1,5mm	12 x 1mm
Reflektor / Reflector	0	500	1300	1265
Strahler / Radiator	1200	500	1300	1208
Direktor 1 / Director 1	2180	500	1300	1090
Direktor 2 / Director 2	4750	500	1300	915

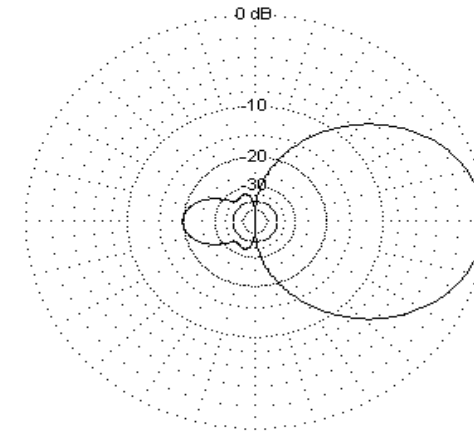
Gewinn / Gain 6,62 dBD @ 24,94 MHz
 V/R Verhältnis / F/B ratio 19,79 dB @ 24,94 MHz



Freq 24,93 MHz Source # 1
 SWR 1,003 Z0 28 ohms
 Z 27,97 - j 0,08964 ohms
 Refl Coeff 0,001679 at -107,43 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



24,94 MHz

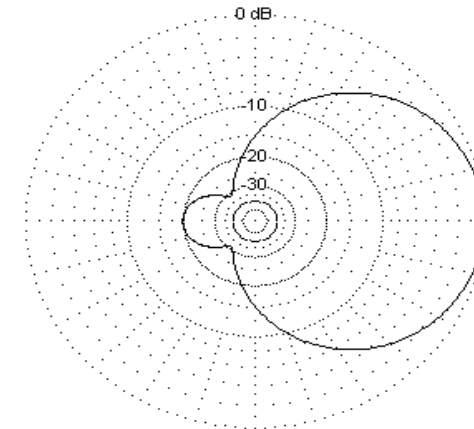
Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 6,62dBref

Cursor Az 0,0 deg.
 Gain 6,62 dBref
 0,0 dBmax

Slice Max Gain 6,62 dBref @ Az Angle = 0,0 deg.
 Front/Back 19,79 dB
 Beamwidth 60,0 deg.; -3dB @ 330,0, 30,0 deg.
 Sidelobe Gain -13,18 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 19,79 dB

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



24,94 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 6,62dBref

Cursor Elev 0,0 deg.
 Gain 6,62 dBref
 0,0 dBmax

Slice Max Gain 6,62 dBref @ Elev Angle = 0,0 deg.
 Front/Back 19,79 dB
 Beamwidth 89,4 deg.; -3dB @ 315,3, 44,7 deg.
 Sidelobe Gain -13,18 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 19,79 dB