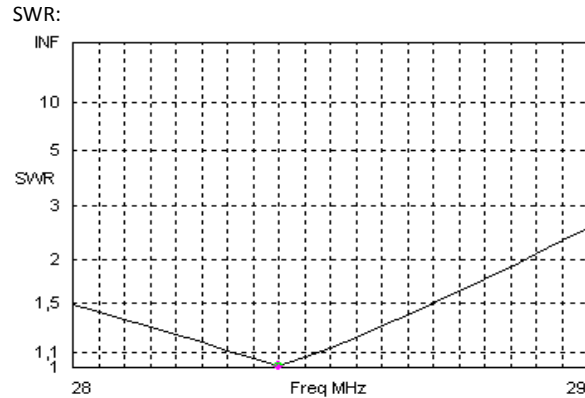


Bausatz 3 ele Yagi 28 MHz mit 3m Boom im 28 Ohm Design
Antenna kit 3 ele Yagi 28 MHz with 3m boom in 28 Ohm Design

Antennenabmessungen je Antennenhälfte			
Dimensions table for each antenna half			
	Position (mm)	16 x 1,5mm	12 x 1mm
Reflektor / Reflector	0	1000	1705
Strahler / Radiator	1320	1000	1570
Direktor / Director	2900	1000	1400

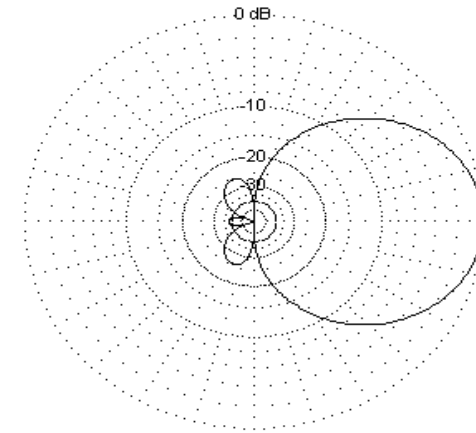
Gewinn / Gain 5,49 dB @ 28,4 MHz
 V/R Verhältnis / F/B ratio 37,56 dB @ 28,4 MHz



Freq 28,4 MHz Source # 1
 SWR 1,01 Z0 28 ohms
 Z 28,23 + j 0,1751 ohms
 Refl Coeff 0,005089 at 37,55 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



28,4 MHz

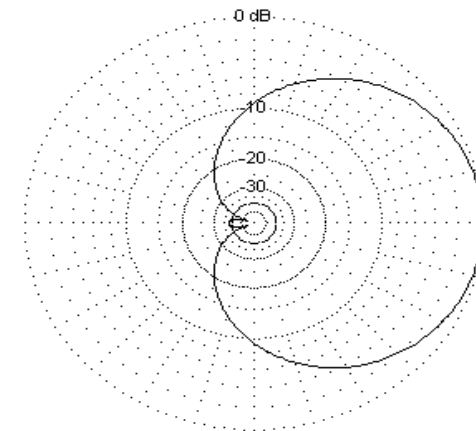
Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 5,49dBref

Cursor Az 0,0 deg.
 Gain 5,49 dBref
 0,0 dBmax

Slice Max Gain 5,49 dBref @ Az Angle = 0,0 deg.
 Front/Back 37,56 dB
 Beamwidth 64,6 deg.; -3dB @ 327,7, 32,3 deg.
 Sidelobe Gain -20,25 dBref @ Az Angle = 245,0 deg.
 Front/Sidelobe 25,74 dB

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



28,4 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 5,49dBref

Cursor Elev 0,0 deg.
 Gain 5,49 dBref
 0,0 dBmax

Slice Max Gain 5,49 dBref @ Elev Angle = 0,0 deg.
 Front/Back 37,56 dB
 Beamwidth 108,8 deg.; -3dB @ 305,6, 54,4 deg.
 Sidelobe Gain -32,07 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 37,56 dB