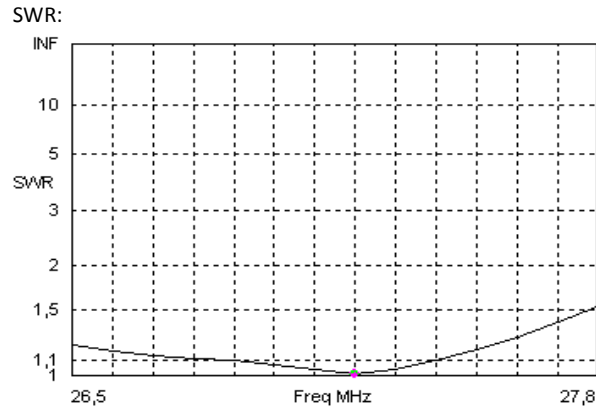


Bausatz 3 ele Yagi 27 MHz mit 3m Boom im 50 Ohm Design
Antenna kit 3 ele Yagi 27 MHz with 3m boom in 50 Ohm Design

Antennenabmessungen je Antennenhälfte			
Dimensions table for each antenna half			
	Position (mm)	16 x 1,5mm	12 x 1mm
Reflektor / Reflector	0	1000	1780
Strahler / Radiator	1750	1000	1720
Direktor / Director	2900	1000	1490

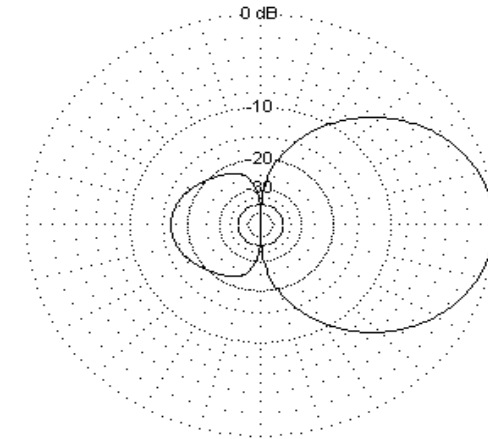
Gewinn / Gain 4,95 dB @ 27,2 MHz
 V/R Verhältnis / F/B ratio 16,47 dB @ 27,2 MHz



Freq 27,2 MHz Source # 1
 SWR 1,007 Z0 50 ohms
 Z 50,02 - j 0,3325 ohms
 Refl Coeff 0,003331 at -86,2 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



27,2 MHz

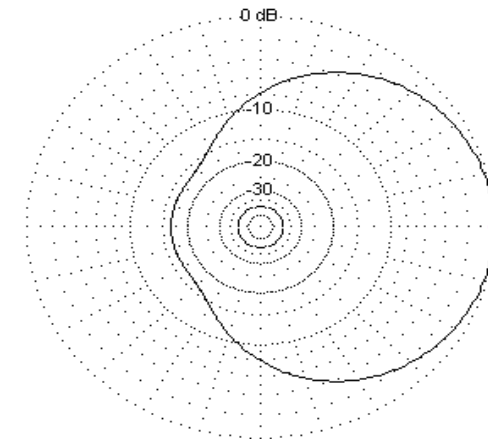
Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 4,95dBref

Cursor Az 0,0 deg.
 Gain 4,95 dBref
 0,0 dBmax

Slice Max Gain 4,95 dBref @ Az Angle = 0,0 deg.
 Front/Back 16,47 dB
 Beamwidth 66,4 deg.; -3dB @ 326,8, 33,2 deg.
 Sidelobe Gain -11,51 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 16,47 dB

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



27,2 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 4,95dBref

Cursor Elev 0,0 deg.
 Gain 4,95 dBref
 0,0 dBmax

Slice Max Gain 4,95 dBref @ Elev Angle = 0,0 deg.
 Front/Back 16,47 dB
 Beamwidth 118,8 deg.; -3dB @ 300,6, 59,4 deg.
 Sidelobe Gain -11,51 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 16,47 dB