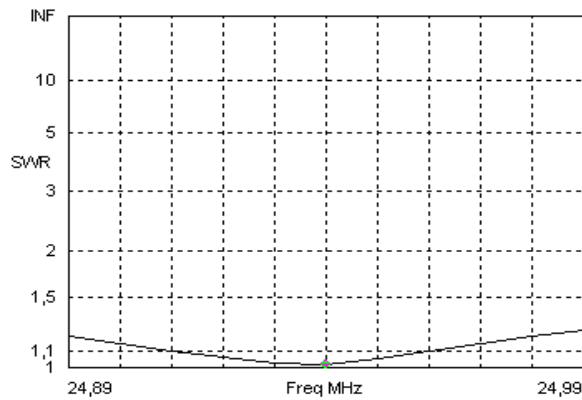


Bausatz 3 ele Yagi 24,9 MHz mit 3,6m Boom im 12,5 Ohm Design
Antenna kit 3 ele Yagi 24,9 MHz with 3,6m boom in 12,5 Ohm Design

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	1255
Strahler / Radiator	1235	500	1300	1127
Direktor / Director	3500	500	1300	985

Gewinn / Gain 6,29 dBD @ 24,94 MHz
 V/R Verhältnis / F/B ratio 21,35 dB @ 24,94 MHz

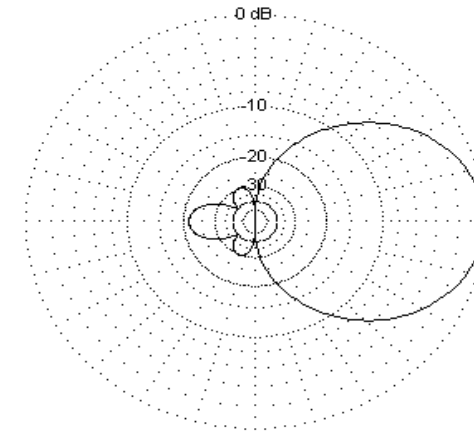
SWR:



Freq 24,94 MHz Source # 1
 SWR 1,02 Z0 12,5 ohms
 Z 12,43 + j 0,2385 ohms
 Refl Coeff 0,009929 at 104,98 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



24,94 MHz

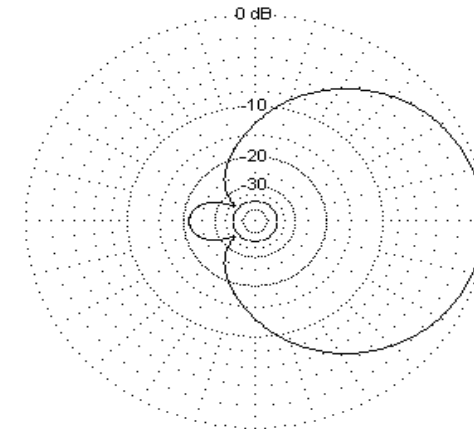
Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 6,29dBref

Cursor Az 0,0 deg.
 Gain 6,29 dBref
 0,0 dBmax

Slice Max Gain 6,29 dBref @ Az Angle = 0,0 deg.
 Front/Back 21,35 dB
 Beamwidth 61,0 deg.; -3dB @ 329,5, 30,5 deg.
 Sidelobe Gain -15,06 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 21,35 dB

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



24,94 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 6,29dBref

Cursor Elev 0,0 deg.
 Gain 6,29 dBref
 0,0 dBmax

Slice Max Gain 6,29 dBref @ Elev Angle = 0,0 deg.
 Front/Back 21,35 dB
 Beamwidth 93,4 deg.; -3dB @ 313,3, 46,7 deg.
 Sidelobe Gain -15,06 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 21,35 dB