



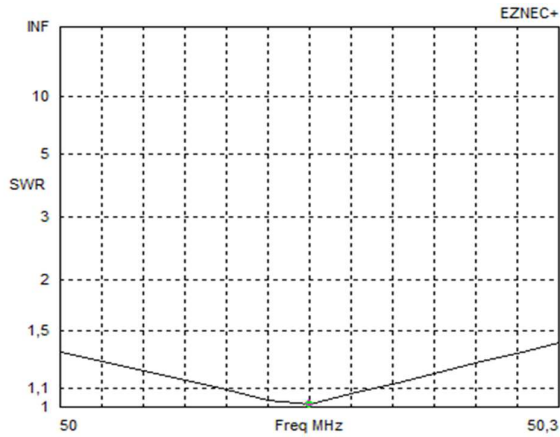
Attila Kocis Kommunikationstechnik
 Lenzenweg 2, D-96450 Coburg, Germany
 Tel.: 09561-3551882 Fax: 09561-3551883 E-Mail: nuxcom@nuxcom.de

Bausatz 3 ele Yagi 50 MHz mit 2,2m Boom im 12,5 Ohm Design
Antenna kit 3 ele Yagi 50 MHz with 2,2m boom in 12,5 Ohm Design

Antennenabmessungen je Antennenhälfte			
Dimensions table for each antenna half			
	Position (mm)	16 x 1,5mm	12 x 1mm
Reflektor / Reflector	0	500	990
Strahler / Radiator	910	500	915
Direktor / Director	2170	500	873

Version 09/2012

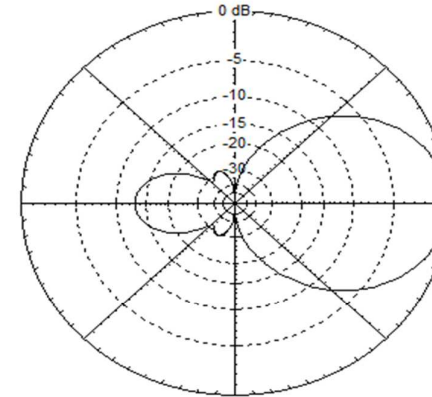
SWR:



Freq 50,15 MHz Source # 1
 SWR 1,017 Z0 12,5 ohms
 Z = 12,46 + j0,2076 ohms
 Refl Coeff 0,008478 at 100,69 deg.
 = -0,001573 + j0,008333
 Ret Loss 41,4 dB

Horizontales Richtdiagramm / Azimuth plot

* Total Field
 Horizontal Pol
 Vertical Pol



EZNEC+

50,15 MHz

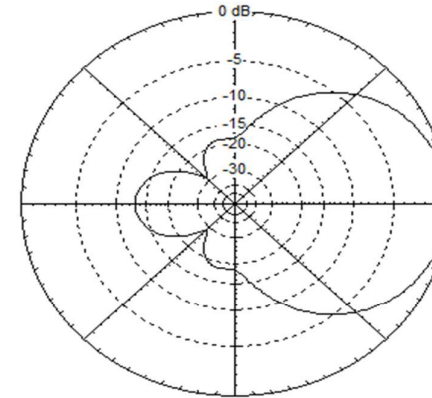
Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 7,12 dBref

Cursor Az 0,0 deg.
 Gain 7,12 dBref
 0,0 dBmax

Slice Max Gain 7,12 dBref @ Az Angle = 0,0 deg.
 Front/Back 12,99 dB
 Beamwidth 57,6 deg.; -3dB @ 331,2, 28,8 deg.
 Sidelobe Gain -5,87 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 12,99 dB

Vertikales Richtdiagramm / Elevation plot

* Total Field
 Horizontal Pol
 Vertical Pol



EZNEC+

50,15 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 7,12 dBref

Cursor Elev 0,0 deg.
 Gain 7,12 dBref
 0,0 dBmax

Slice Max Gain 7,12 dBref @ Elev Angle = 0,0 deg.
 Front/Back 12,99 dB
 Beamwidth 81,2 deg.; -3dB @ 319,4, 40,6 deg.
 Sidelobe Gain -5,87 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 12,99 dB