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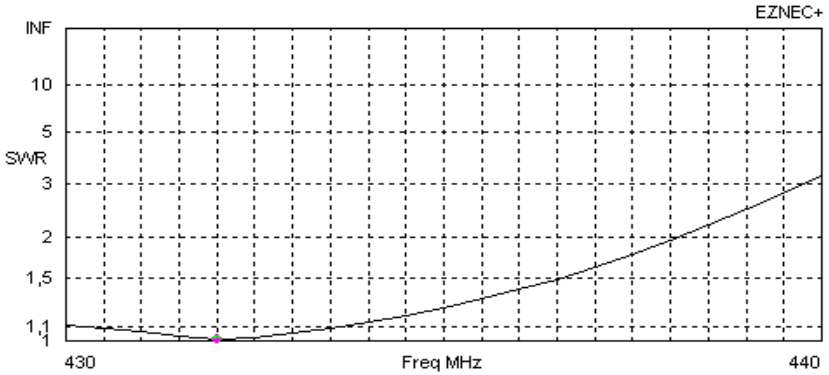
Bausatz 10 ele Yagi 432 MHz mit 2,00m Boom im 50 Ohm Design
Antenna kit 10 ele Yagi 432 MHz with 2,00m boom in 50 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	4	338	0
Strahler / Radiator	4	328	145
Direktor 1 / Director 1	4	308	200
Direktor 2 / Director 2	4	297	375
Direktor 3 / Director 3	4	291	625
Direktor 4 / Director 4	4	288	910
Direktor 5 / Director 5	4	285	1200
Direktor 6 / Director 6	4	285	1485
Direktor 7 / Director 7	4	289	1770
Direktor 8 / Director 8	4	285	1985

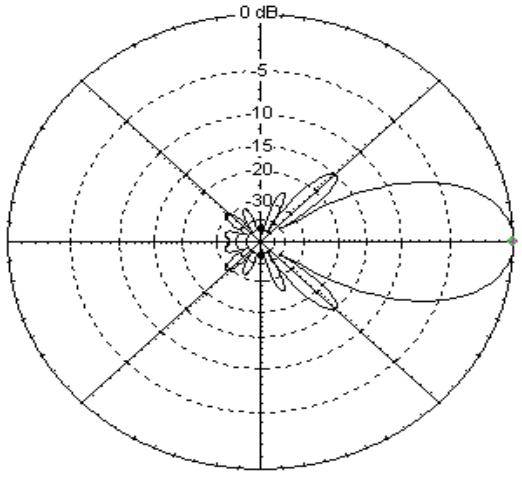
SWR:



Freq	432 MHz	Source #	1
SWR	**1,01**	Z0	50 ohms
Z	49,89 at -0,58 deg.		
	= 49,89 - j 0,5028 ohms		
Refl Coeff	0,005149 at -101,88 deg.		
	= -0,00106 - j 0,005039		
Ret Loss	45,8 dB		

Azimuth:

Total Field

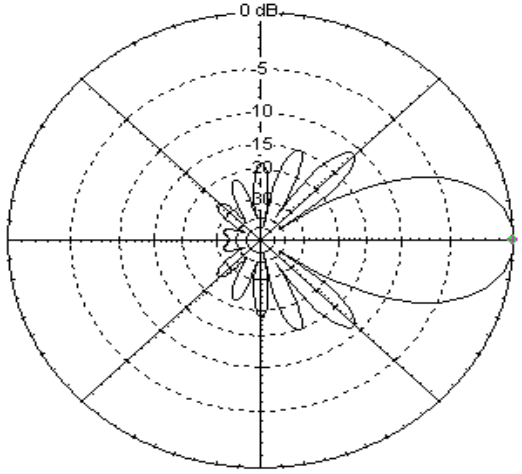


432,2 MHz

Azimuth Plot		Cursor Az	0,0 deg.
Elevation Angle	0,0 deg.	Gain	12,74 dBref
Outer Ring	12,74 dBref		0,0 dBmax
Slice Max Gain	12,74 dBref @ Az Angle = 0,0 deg.		
Front/Back	36,04 dB		
Beamwidth	32,6 deg.; -3dB @ 343,7, 16,3 deg.		
Sidelobe Gain	-2,32 dBref @ Az Angle = 45,0 deg.		
Front/Sidelobe	15,06 dB		

Elevation:

Total Field



432,2 MHz

Elevation Plot		Cursor Elev	0,0 deg.
Azimuth Angle	0,0 deg.	Gain	12,74 dBref
Outer Ring	12,74 dBref		0,0 dBmax
Slice Max Gain	12,74 dBref @ Elev Angle = 0,0 deg.		
Front/Back	36,04 dB		
Beamwidth	35,0 deg.; -3dB @ 342,5, 17,5 deg.		
Sidelobe Gain	1,71 dBref @ Elev Angle = 46,0 deg.		
Front/Sidelobe	11,03 dB		