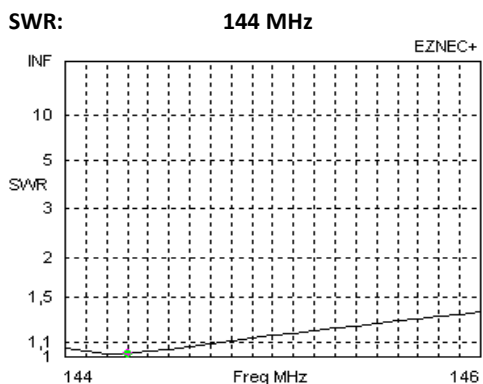
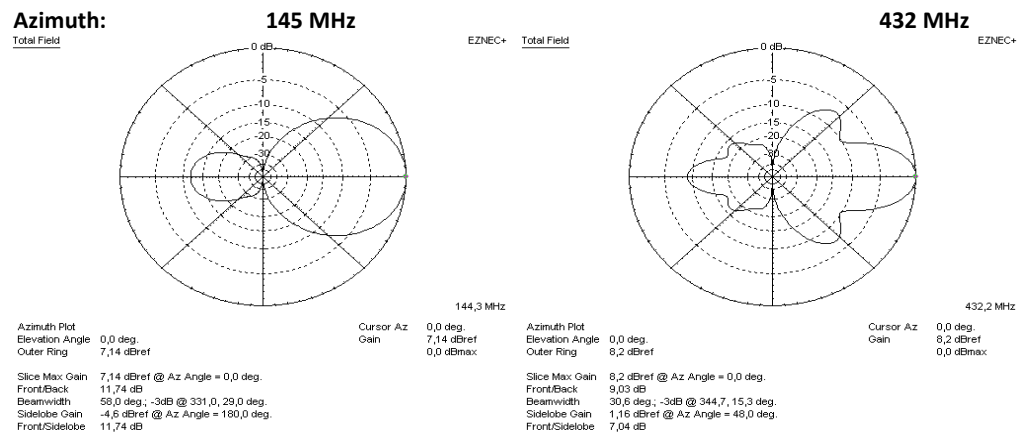


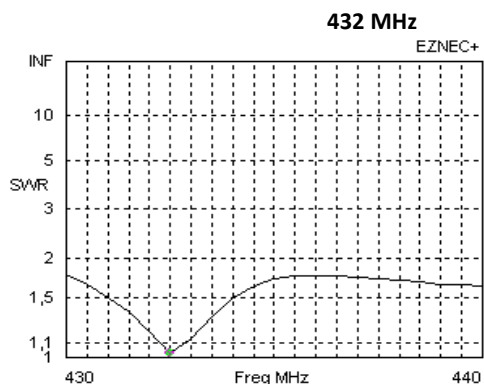
**Bausatz 9 ele Yagi 144 / 432 mit 1,01m Boom im 50 Ohm Design**  
**Antenna kit 9 ele Yagi 144 / 432 MHz with 1,01m boom in 50 Ohm Design**

Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector 2m	3,2	1022	0
Reflektor / Reflector 70cm	3,2	329	110
Radiator 2m/70cm	4	977	260
Open Sleeve Element 70cm	3,2	324	300
Direktor / Director 2 70cm	3,2	320	440
Direktor / Director 1 2m	3,2	935	470
Direktor / Director 3 70cm	3,2	285	750
Direktor / Director 4 70cm	3,2	297	965
Direktor / Director 2 2m	3,2	915	985

Mit dem 70cm "open sleeve element" erfolgt der 70cm Feinabgleich im SWR!  
 Adjust the SWR on 70cm with the 70cm "open sleeve element" !



Freq 144,3 MHz Source # 1  
**SWR 1,022**  
 Z 50,37 at -1,16 deg.  
 = 50,36 - j 1,018 ohms  
 Refl Coeff 0,01076 at -69,97 deg.  
 = 0,003687 - j 0,01011  
 Ret Loss 39,4 dB



Freq 432,5 MHz Source # 1  
**SWR 1,031**  
 Z 49,69 at -1,73 deg.  
 = 49,66 - j 1,5 ohms  
 Refl Coeff 0,01542 at -101,76 deg.  
 = -0,003141 - j 0,0151  
 Ret Loss 36,2 dB

