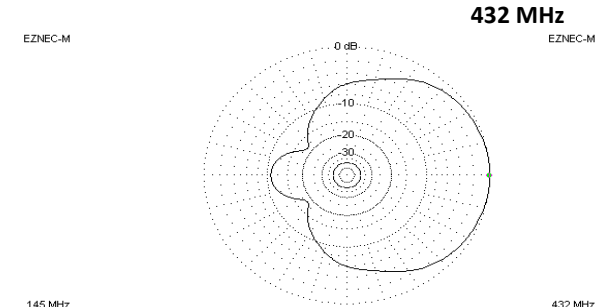
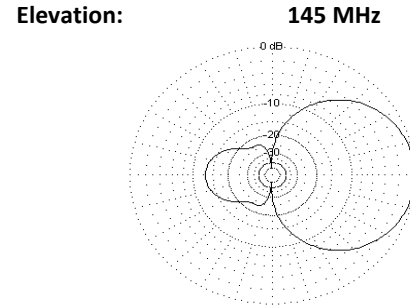
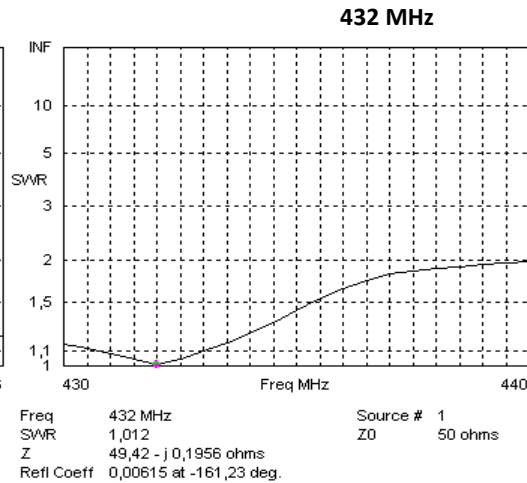
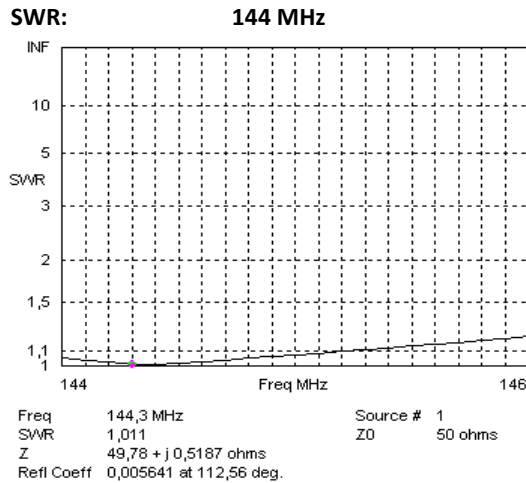


Bausatz 9 ele Yagi 144 / 432 mit 1,01m Boom im 50 Ohm Design
Antenna kit 9 ele Yagi 144 / 432 MHz with 1,01m boom in 50 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector 2m	8	1013	0
Reflektor / Reflector 70cm	8	343	110
Radiator 2m/70cm	12	973	260
Open Sleeve Element 70cm	8	319	308
Direktor / Director 2 70cm	8	312	440
Direktor / Director 1 2m	8	919	465
Direktor / Director 3 70cm	8	267	750
Direktor / Director 4 70cm	8	283	965
Direktor / Director 2 2m	8	879	985

Das 70cm "open sleeve element" wird erst nach dem Feinabgleich am Boom befestigt!
 The 70cm "open sleeve element" will be attached only after the fine tuning!

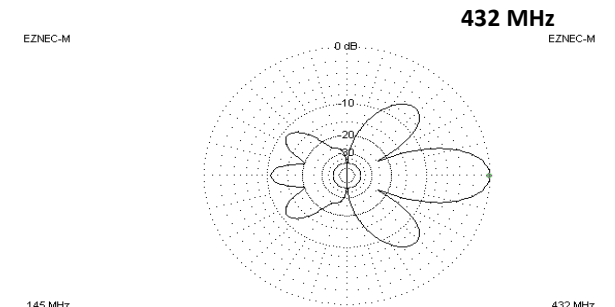
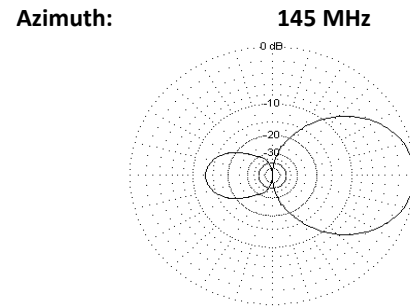


Cursor Elev 0,0 deg.
 Gain 7,11 dBref
 0,0 dBmax

145 MHz
 Cursor Elev 0,0 deg.
 Gain 7,11 dBref
 0,0 dBmax

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 7,16dBref
 Slice Max Gain 7,16 dBref @ Elev Angle = 0,0 deg.
 Front/Back 10,81 dB
 Beamwidth 126,6 deg; -3dB @ 296,7, 63,3 deg.
 Sidelobe Gain -3,85 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 10,81 dB

432 MHz
 Cursor Elev 0,0 deg.
 Gain 7,16 dBref
 0,0 dBmax



Cursor Az 0,0 deg.
 Gain 7,11 dBref
 0,0 dBmax

145 MHz
 Cursor Az 0,0 deg.
 Gain 7,11 dBref
 0,0 dBmax

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 7,16dBref
 Slice Max Gain 7,16 dBref @ Az Angle = 0,0 deg.
 Front/Back 10,81 dB
 Beamwidth 25,8 deg; -3dB @ 347,2, 12,8 deg.
 Sidelobe Gain 1,28 dBref @ Az Angle = 48,0 deg.
 Front/Sidelobe 5,88 dB

432 MHz
 Cursor Az 0,0 deg.
 Gain 7,16 dBref
 0,0 dBmax