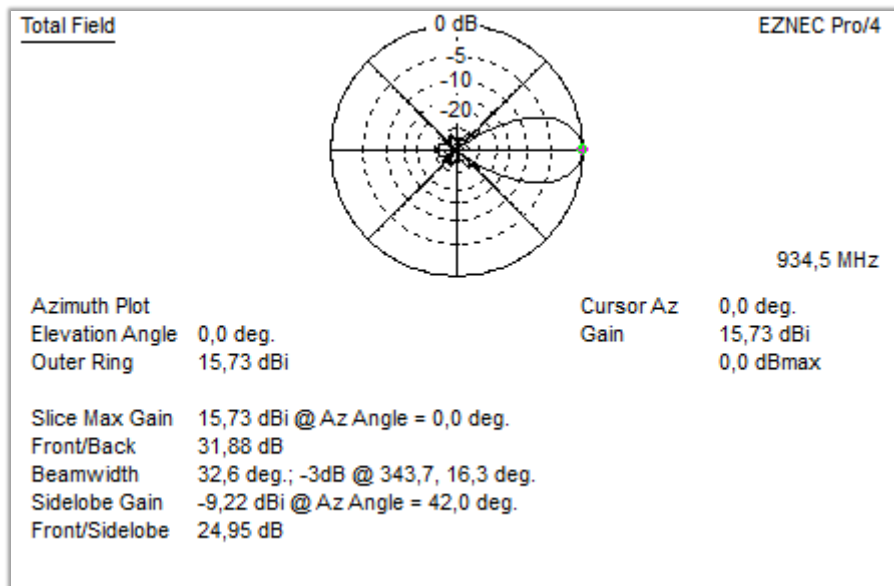
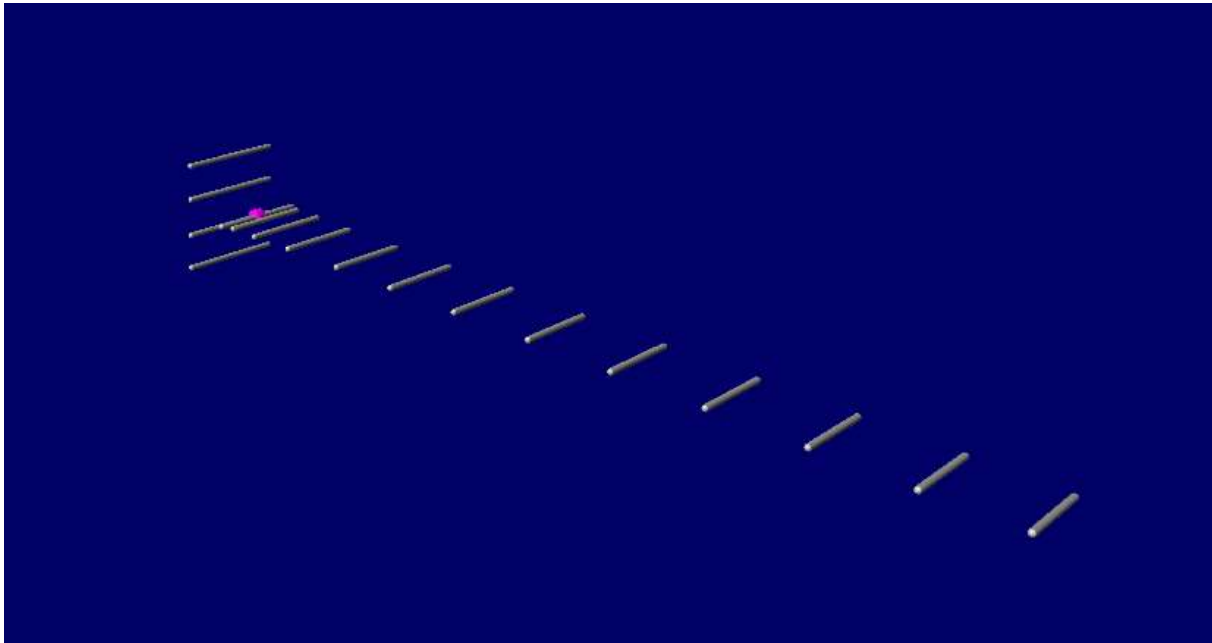
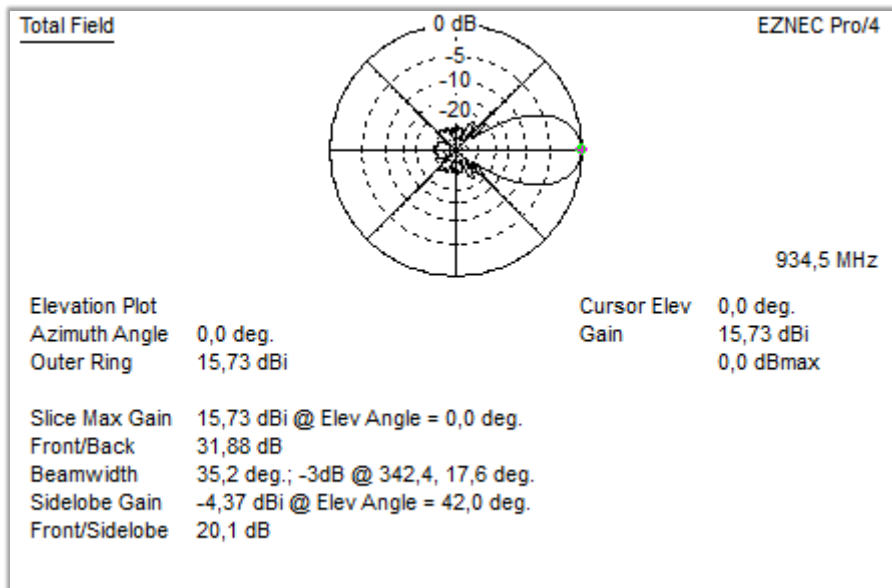


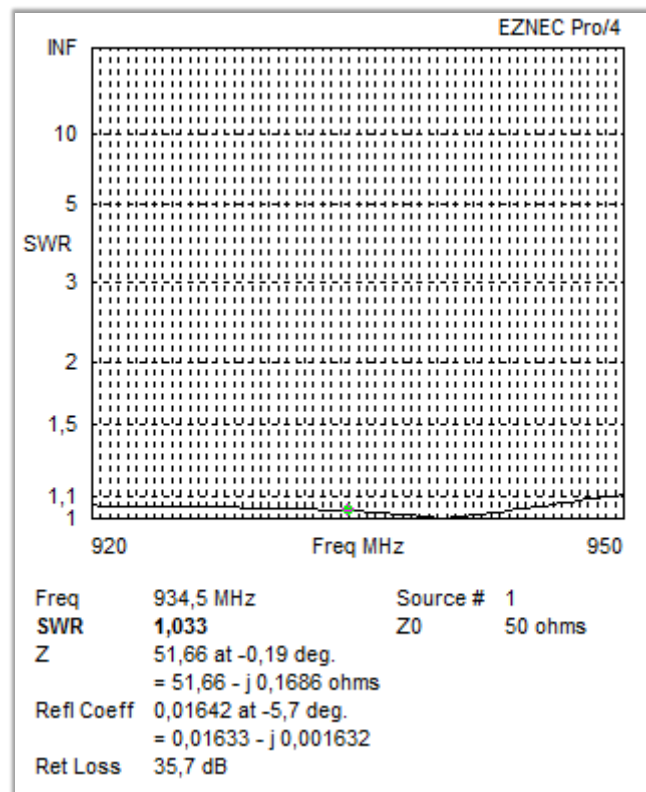
17 Elements DG7YBN for 934 MHz



Azimuth plot above



Elevation plot above



50 ohms direct fed, split radiator.

1,329 M boom

Element diameter 4mm

Radiator diameter 5mm

Element : boom location (element length)

Reflectors:	0 mm	(2x 87,2mm)	31,5mm spacing and 90 mm spacing height from boom)
Radiator :	68,3 mm	(2x 78,6mm)	
D1:	88,1mm	(2x70,5mm)	
D2:	138,5 mm	(2x 69,7mm)	
D3:	215 mm	(2x 67mm)	
D4:	321mm	(2x65,2mm)	
D5:	432mm	(2x64,3mm)	
D6:	553 mm	(2x63mm)	
D7:	681 mm	(2x60,1mm)	
D8:	813,4mm	(2x59,8 mm)	
D9:	950mm	(2x 59,3 mm)	
D10:	1083mm	(2x 58 mm)	
D11:	1211 mm	(2x 57,5mm)	
D12:	1329mm	(2x54,8mm)	

Do not change sizes (including diameters) elements are mounted "on" the boom.