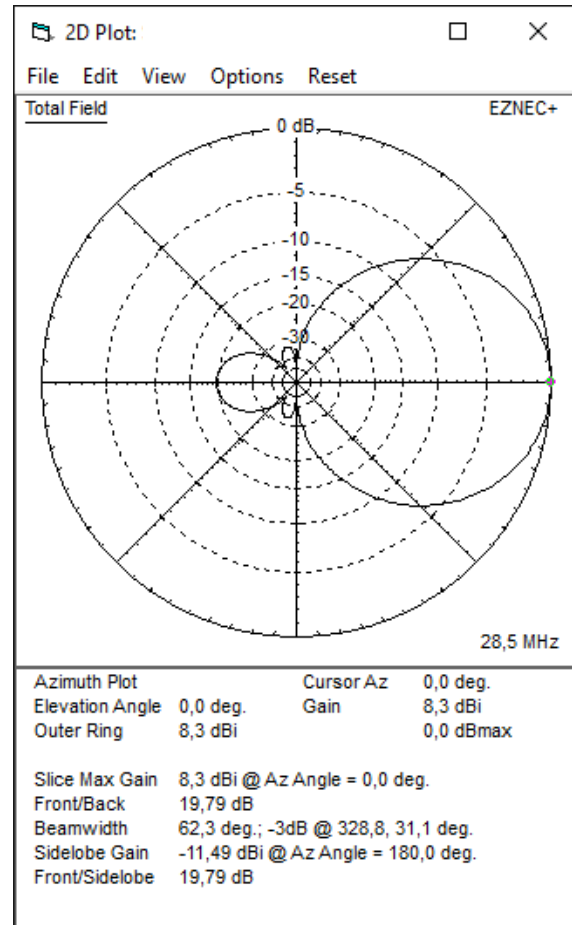
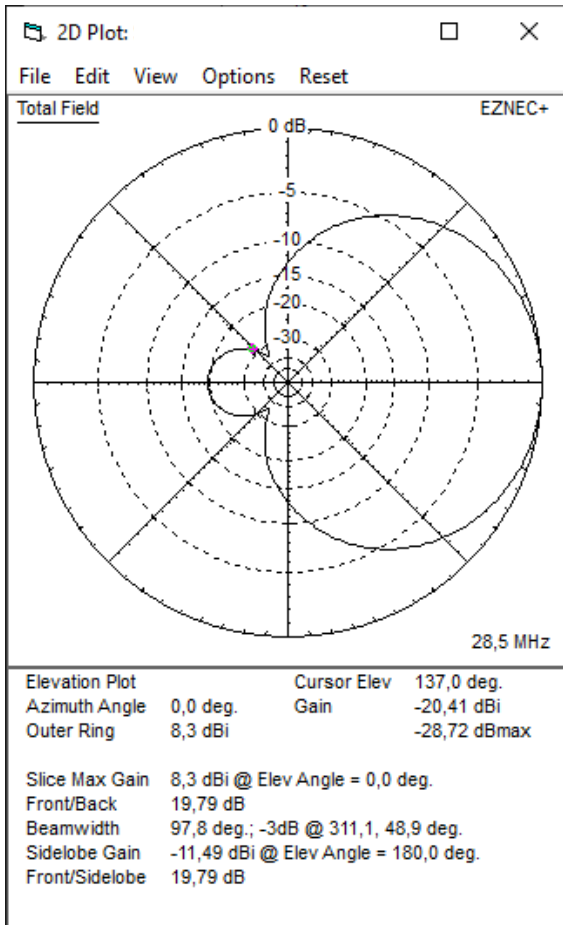


Elevation Pattern @ 28.5 MHz

Azimuth Pattern @ 28.5 MHz



Boom 3990 mm: In sections of (1290 + 100) + 1400 + (1300 + 100)

	Positions	Element lengths, total
Start of Boom	0	
Refl.	25	2734 x 2 = 5468 mm
DE	1435	2639 x 2 = 5278 mm
D1	2005	2495 x 2 = 4990 mm
D2	3965	2368 x 2 = 4736 mm
End of Boom	3990	

Taper scheme for all elements:

Section	∅		Cutting length
Mid	16 mm		1400 mm
inter	12 mm	1300 + 100 mm overlap	1400 mm
outer	8 mm	Rest + 100 mm overlap	
	Refl.	= 734 + 100 mm	834 mm
	DE	= 639 + 100 mm	739 mm
	D1	= 495 + 100 mm	595 mm
	D1	= 368 + 100 mm	468 mm

Taper scheme drawing:

