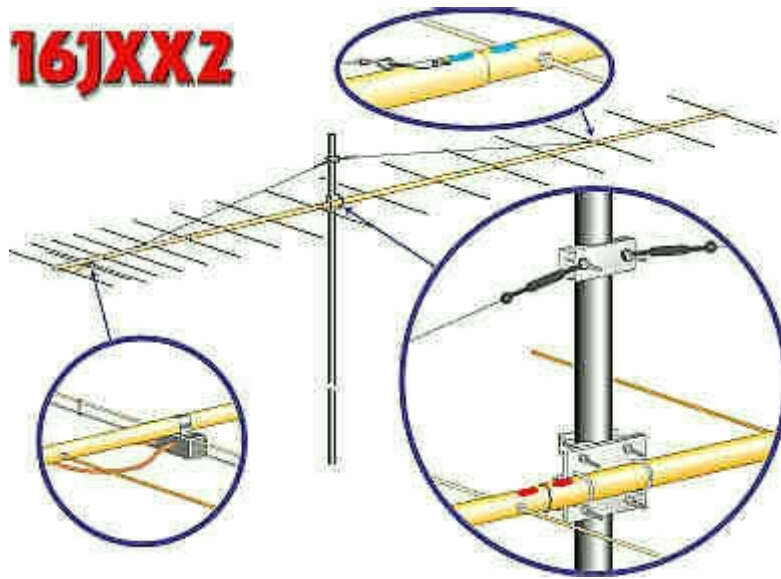


# 16JXX2

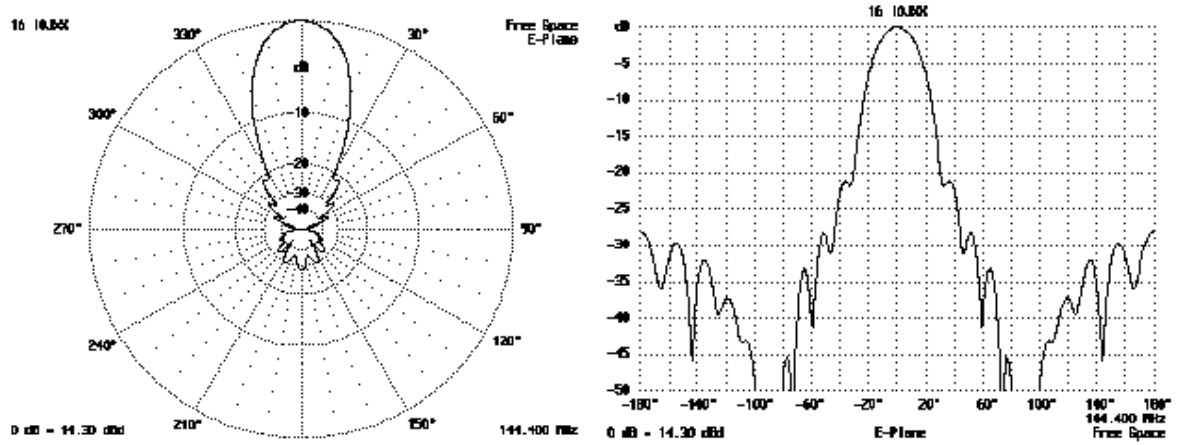


## 16 elements yagi for 2 m band

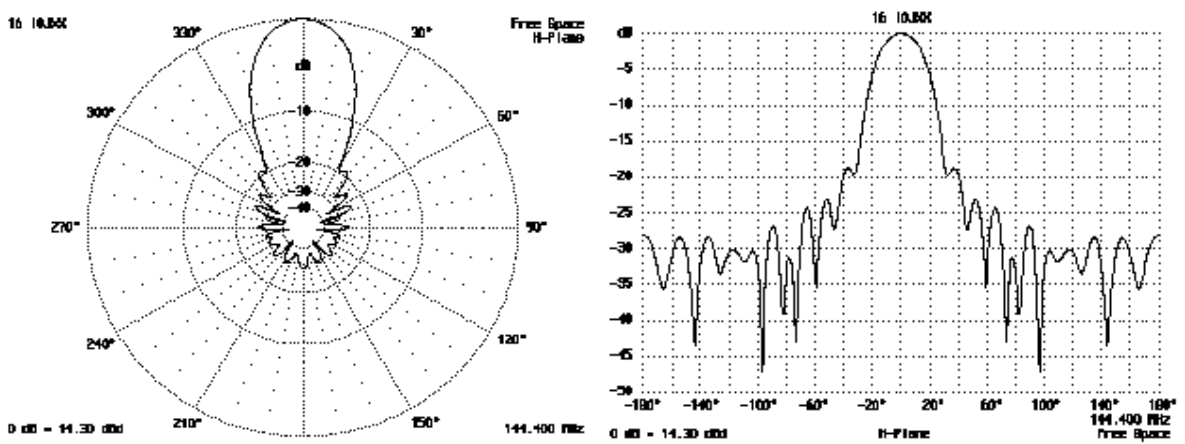


Specifications		Measures (Yagi Optimizer file)
Frequency	144 MHz	16JXX2
Elements	16	
Gain	14.49 dBd / 16.53 dBi	144.000 144.400 144.800 MHz
F/B Ratio	30 dB	
-3 db angle on E - H planes	28.8° - 30.5°	16 elements,millimeters
Spacing on E - H planes	4.17 - 3.95 m	
S.W.R.	1:1.2	5.0000
Boom lenght	9.3 m - 4.48 lambda	0.0000 512.5000
Boom diameter	25 - 30 - 35 - 30 - 25	344.0000 497.5000
Elements diameter	5	531.0000 484.0000
Dipole	T-match	897.0000 473.5000
Connector	"N" precision	1378.0000 465.0000
Balun	RG 142	1850.0000 458.0000
Max power	1000 W	2433.0000 458.0000
Pole diameter	max 75 mm Ø	3088.0000 453.0000
Weight	7.5 Kg	3736.0000 442.0000
Area al vento	0,34 m²	4371.0000 443.0000
		5061.0000 444.0000
		5870.0000 438.5000
		6728.0000 436.0000
		7627.0000 432.5000
		8451.0000 426.0000
		9297.0000 422.5000

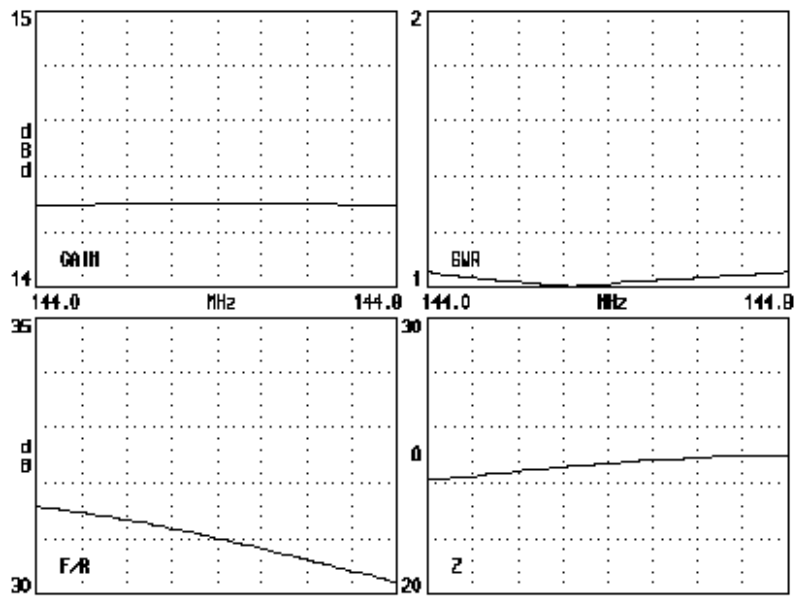
## Vertical plane radiation plots



## Horizontal plane radiation plots



## Gain, SWR, Front/Back ratio, Impedance



Antenna Designed and Made by

**IOJXX**

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