```
ANTENNASPEC
c:\peter\YAGI_354\11DX4GBZ
UNIT= mm
 144.3 MHz
 144.1 MHz
 144.55 MHz
REFLECTORTYPE= S
Directors= 9
Tapering=No
Tap= 0
L1= 230
L2= 0
L3= 0
L4= 0


POS        ELLENGTH      RADIUS
 0          1007           3
 230         970           6
 542         957           3
 1107        936           3
 1808        919           3
 2628        902           3
 3530        888           3
 4480        874           3
 5410        868           3
 6405        866           3
 7178        907           3



COND= 2.88E+07
BOOMCORR= 0
FOLDEDDIAMETER=0
DRIVER=Single
STEP=10
FREQUENCYSTEP= .05  MHz
```

Frequency	Gain	F/B	Re imp	Im imp	3-dBE	3-dBH
144.1	16.23	15.5	34.16484	12.12517	14.31	15.16
144.15	16.25	15.12	38.20845	11.12226	14.26	15.11
144.2	16.27	14.75	42.61202	9.002234	14.22	15.06
144.25	16.29	14.37	47.03022	5.38512	14.18	15.01
144.3	16.3	14	50.81737	1.830033E-03		
					14.13	14.95
144.35	16.32	13.64	53.0588	-7.044444	14.09	14.9
144.4	16.33	13.28	52.8642	-15.04217	14.05	14.84
144.45	16.33	12.93	49.87473	-22.72631	14.01	14.79
144.5	16.34	12.59	44.58788	-28.81748	13.96	14.74
144.55	16.34	12.26	38.10559	-32.63188	13.92	14.69

```
E-PLANE=  1
H-PLANE=  1
GAIN=  16.3 dBi
Efficiency=  99.10931
```