

ANTENNASPEC
 c:\peter\YAGI_354\11ww4gbz
 UNIT= mm
 144.1 MHz
 144.1 MHz
 144.55 MHz
 REFLECTORTYPE= S
 Directors= 9
 Tapering=No
 Tap= 0
 L1= 227
 L2= 0
 L3= 0
 L4= 0

POS	ELLENGTH	RADIUS
0	1005	4
227	970	6
556	954	4
1100	929	4
1806	910	4
2631	894	4
3537	880	4
4460	869	4
5410	863	4
6403	859	4
7150	903	4

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

Frequency	Gain	F/B	Re imp	Im imp	3-dBE	3-dBH
144.1	16.29	13.83	32.93595	14.86505	14.03	14.81
144.15	16.31	13.44	37.35331	13.78775	13.98	14.75
144.2	16.32	13.06	42.18065	11.37524	13.94	14.7
144.25	16.34	12.69	46.93898	7.157412	13.89	14.65
144.3	16.35	12.32	50.74037	.8622655	13.85	14.6
144.35	16.36	11.97	52.40162	-7.175653	13.8	14.55
144.4	16.36	11.62	50.99403	-15.78518	13.76	14.5
144.45	16.37	11.29	46.53836	-23.29696	13.71	14.44
144.5	16.37	10.96	40.10548	-28.462	13.67	14.4
144.55	16.37	10.64	33.1271	-31.00604	13.62	14.35

E-PLANE= 1
 H-PLANE= 1
 GAIN= 16.37 dBi
 Efficiency= 99.32244