

ANTENNASPEC
 c:\peter\YAGI_354\11kk4gbz
 UNIT= mm
 144.3 MHz
 144.1 MHz
 144.55 MHz
 REFLECTORTYPE= S
 Directors= 9
 Tapering=No
 Tap= 0
 L1= 171
 L2= 0
 L3= 0
 L4= 0

POS	ELLENGTH	RADIUS
0	1012	3
171	970	6
513	955	3
1078	934	3
1812	917	3
2640	902	3
3543	892	3
4484	887	3
5340	887	3
6280	885	3
7170	898	3

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	16.36	11.83	25.79904	13.52769	13.42	14.12
144.15	16.38	11.45	30.92239	13.7023	13.36	14.06
144.2	16.39	11.07	37.22219	12.35448	13.31	14
144.25	16.39	10.7	44.25478	8.369271	13.26	13.93
144.3	16.39	10.34	50.48454	.6694512	13.2	13.87
144.35	16.39	9.99	53.17984	-10.46022	13.15	13.8
144.4	16.38	9.64	50.22432	-22.17435	13.1	13.74
144.45	16.36	9.3	42.58802	-30.73153	13.04	13.67
144.5	16.34	8.98	33.4553	-34.6866	12.99	13.61
144.55	16.32	8.66	25.28914	-35.06581	12.93	13.54

E-PLANE= 1
 H-PLANE= 1
 GAIN= 16.39 dBi
 Efficiency= 99.20823