

ANTENNASPEC
 c:\peter\YAGI_354\10wi4gbz
 UNIT= mm
 144.3 MHz
 144.1 MHz
 144.55 MHz
 REFLECTORTYPE= S
 Directors= 8
 Tapering=No
 Tap= 0
 L1= 290
 L2= 0
 L3= 0
 L4= 0

POS	ELLENGTH	RADIUS
0	1008	3
290	970	6
567	964	3
1090	937	3
1786	919	3
2627	902	3
3516	884	3
4436	881	3
5371	880	3
6150	899	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	15.66	16.44	38.48648	10.38058	15.35	16.41
144.15	15.68	16.07	41.6484	9.134215	15.31	16.36
144.2	15.69	15.7	44.93829	7.106545	15.27	16.31
144.25	15.71	15.33	48.14798	4.119059	15.23	16.26
144.3	15.72	14.97	50.9462	5.112738E-02		
					15.19	16.21
144.35	15.73	14.62	52.88894	-5.076057	15.15	16.17
144.4	15.74	14.27	53.50037	-11.01515	15.11	16.12
144.45	15.75	13.93	52.41831	-17.24895	15.07	16.07
144.5	15.76	13.6	49.57258	-23.08879	15.03	16.02
144.55	15.76	13.28	45.25766	-27.88096	14.99	15.97

E-PLANE= 1
 H-PLANE= 1
 GAIN= 15.72 dBi
 Efficiency= 98.99139