

ANTENNASPEC
 c:\peter\YAGI_354\11wx4gbz
 UNIT= mm
 144.3 MHz
 144.1 MHz
 144.55 MHz
 REFLECTORTYPE= S
 Directors= 9
 Tapering=No
 Tap= 0
 L1= 211
 L2= 0
 L3= 0
 L4= 0

POS	ELLENGTH	RADIUS
0	1004	5
211	970	6
558	954	4
1080	930	4
1810	909	4
2631	894	4
3540	880	4
4460	869	4
5402	862	4
6385	862	4
7165	900	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	16.32	13.58	32.03921	15.87196	13.97	14.74
144.15	16.33	13.18	36.70624	14.79656	13.93	14.69
144.2	16.35	12.79	41.83945	12.24175	13.88	14.64
144.25	16.36	12.4	46.87051	7.654331	13.83	14.58
144.3	16.37	12.03	50.72005	.7556886	13.79	14.53
144.35	16.37	11.67	52.00266	-7.937243	13.74	14.48
144.4	16.37	11.32	49.79557	-16.89772	13.7	14.43
144.45	16.38	10.97	44.44534	-24.21226	13.66	14.38
144.5	16.38	10.64	37.40954	-28.73883	13.61	14.33
144.55	16.37	10.32	30.26237	-30.51976	13.57	14.28

E-PLANE= 1
 H-PLANE= 1
 GAIN= 16.37 dBi
 Efficiency= 99.36306