

ANT 2#

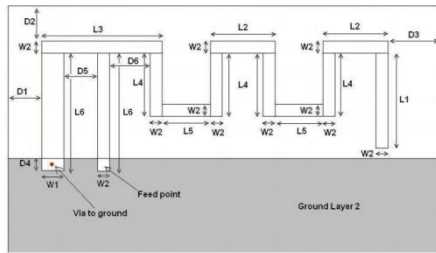


Figure 3: Antenna Dimensions <https://www.researchgate.net/publication/314925253>

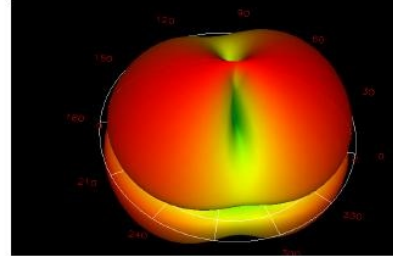
L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40 mm
D6	1.70 mm

Table 1: Antenna Dimensions

Radiation pattern#2. 441GHZ

Total Average Gain: 0 dbi

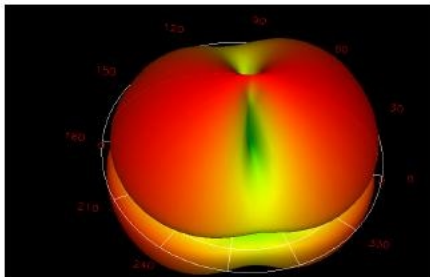
Phi	0	45	90	135	180	235	270	315
Gain	0	-0.1	-0.3	-0.6	-0.1	-0.2	-0.6	-0.4



Radiation pattern#2. 480GHZ

Total Average Gain: 0 dbi

Phi	0	45	90	135	180	235	270	315
Gain	0	-0.1	-0.2	-0.5	0	-0.3	-0.6	-0.2



3. Antenna Radiation Pattern

Radiation pattern#2. 4025GHZ

Total Average Gain:-0.475dbi

Phi	0	45	90	135	180	235	270	315
Gain	-0.1	-0.3	-0.8	-0.5	-0.2	-0.6	-0.8	-0.5

