

Antenna test report

1. Type of antenna: PCB Antenna
2. Frequency: 2.4-2.5GHz
3. Design by: Zizai Technology
4. Dimensions:

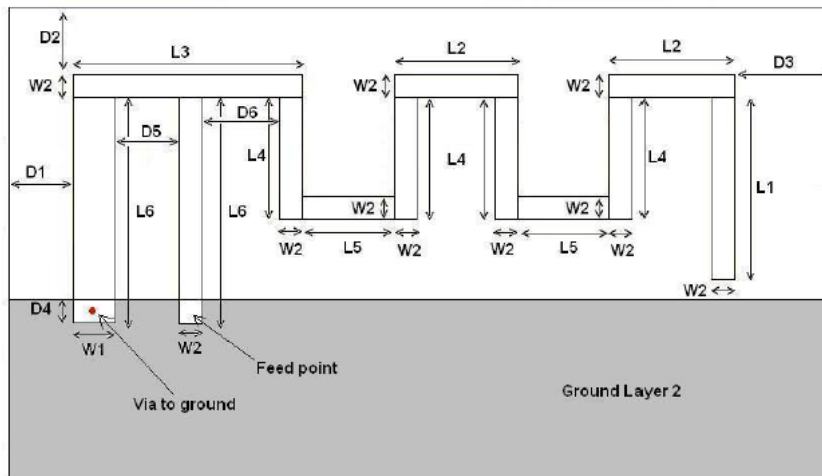


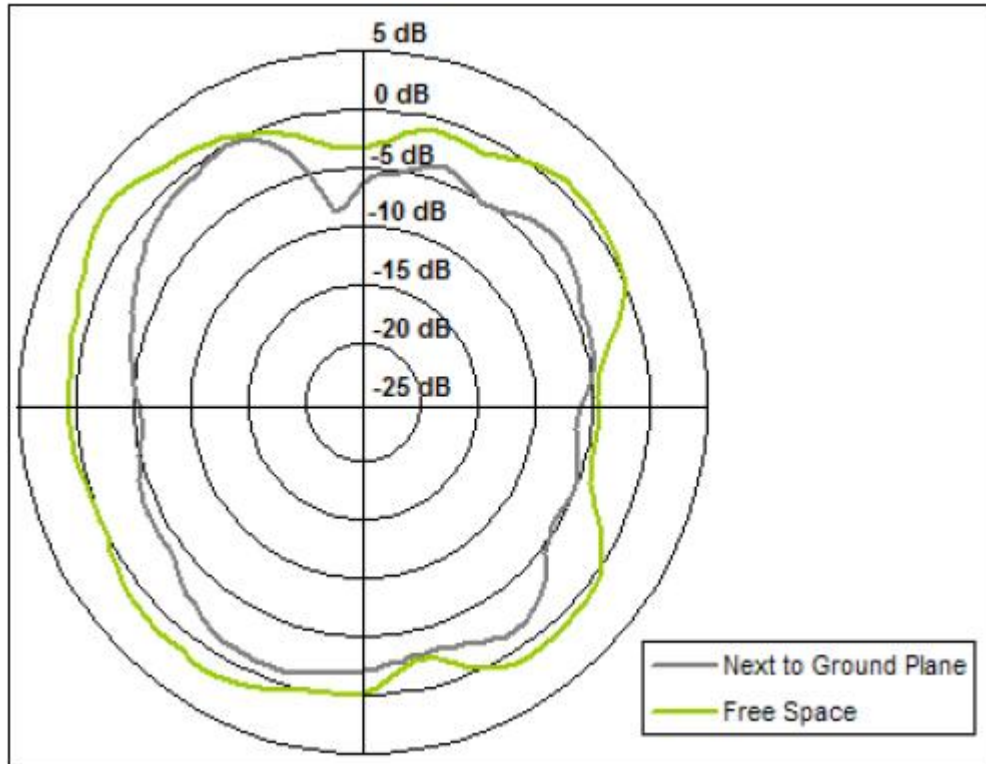
Figure 3: Antenna Dimensions

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	1.40mm
D6	1.70 mm

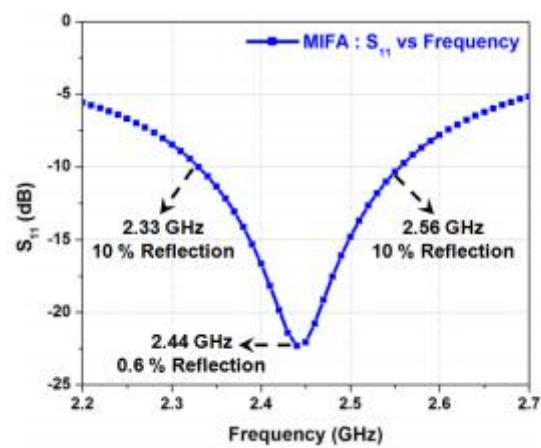
Table 1: Antenna Dimensions

6. Radiation gain diagram

2420MHz : 2.2 dBi



7. S11 figure



8. Gain and Efficiency

Frequency (MHz)	Efficiency (%)	Gain(dBi)
2400	32.32%	2.18
2410	32.12%	2.15
2420	32.86%	2.2
2430	32.74%	2.03
2440	32.63%	2.05
2450	31.20%	2.01
2460	30.76%	2.04
2470	30.59%	1.97
2480	31.02%	1.93
2490	30.53%	1.79
2500	30.62%	1.28