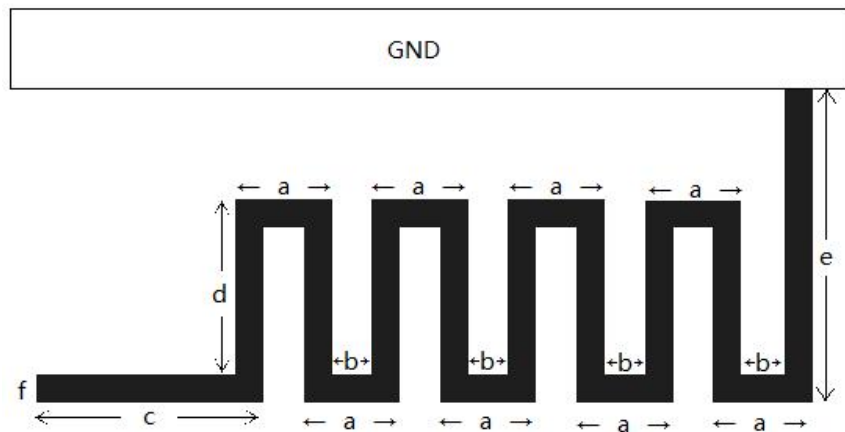


2.4 GHz PCB Antenna specification

1. Type of antenna: PCB ANT
2. Frequency: 2.4GHz
3. Manufacturer: Zizai Technology
4. Address: 11D-1, Unit 1, Building E, Phase I, Sanxiang Haishang Garden, Keyuan South Road, Nanshan District, Shenzhen
5. Dimensions:

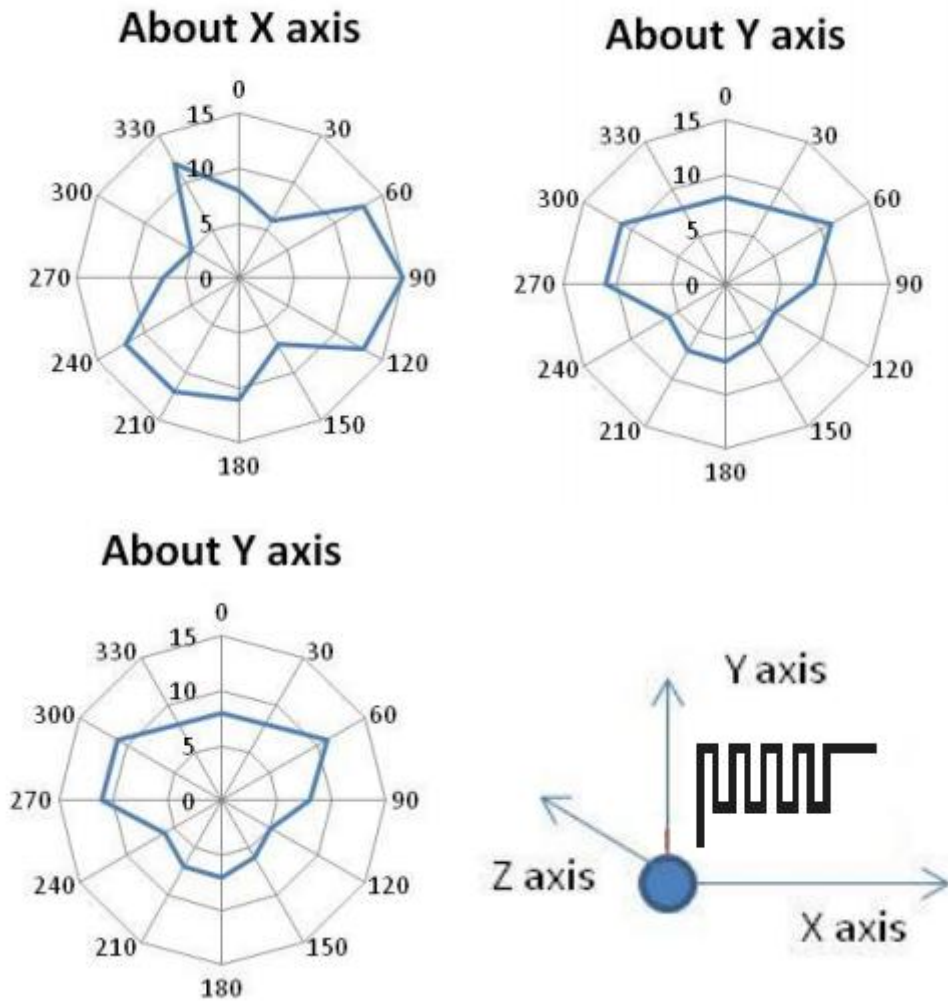


a	1.4mm
b	0.6mm
c	3.3mm
d	2.6mm
e	4.6mm
f	0.4mm

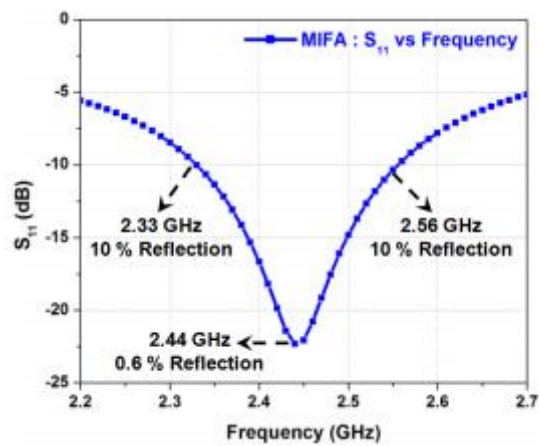
5. 3 d figure



6. Radiation gain diagram



7. S11 figure



8. Gain and Efficiency

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	2.00%	2.18
2410	1.58%	2.15
2420	1.00%	2.20
2430	0.63%	2.03
2440	0.56%	2.05
2450	0.58%	2.01
2460	0.79%	2.04
2470	1.26%	1.97
2480	1.78%	1.93
2490	2.51%	1.79
2500	3.16%	1.28