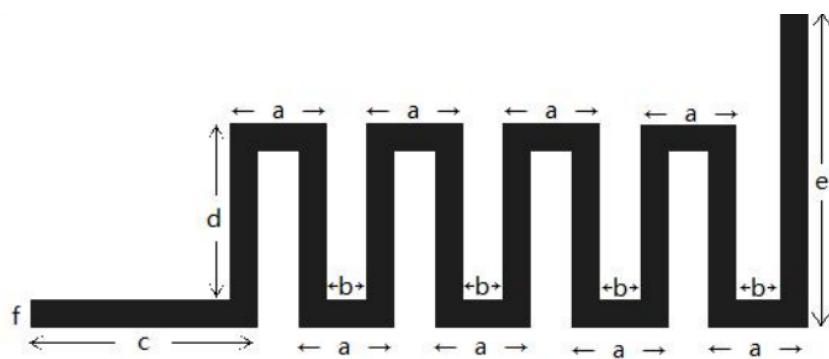


2.4 GHz Antenna specification

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

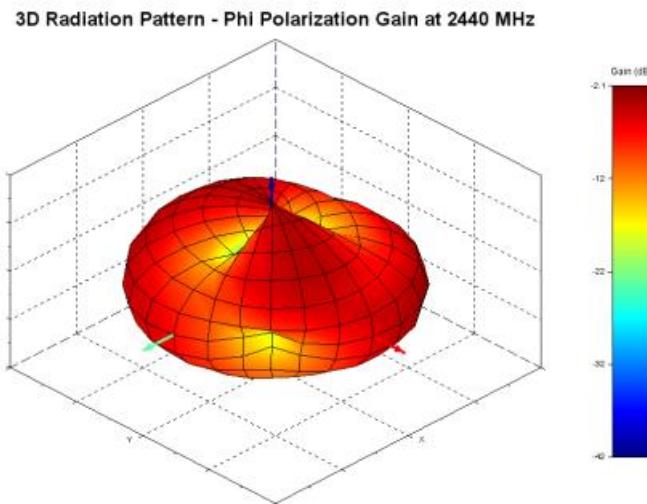


a	1.4mm
b	0.6mm
c	3.3mm
d	2.6mm
e	4.6mm
f	0.4mm

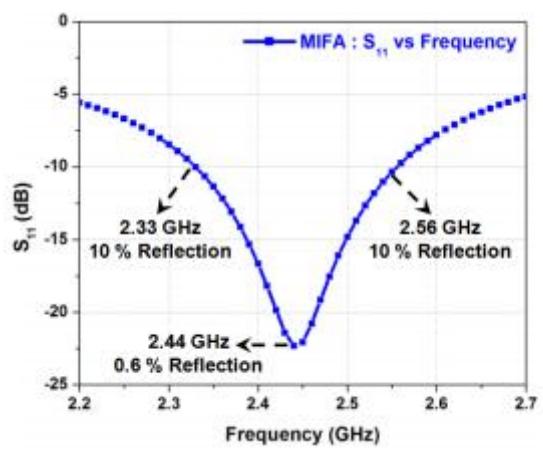
Appl i cant: Shenzhen Zhongxi angxi n Technol ogy Co. , Ltd
Address: 316, Bui l di ngB1, Hongwan Maker Center, Gushu Communi ty,
Xi xi angStreet, Baoan Di strict, Shenzhen, Chi na
Model : AK-28

5. Radiation gain diagram

Peak Gain: 2.2dBi



6. S11 figure



Antenna measurements such as VSWR were measured with an Agilent E5071C vector network analyzer. Radiation patterns were measured with a CMT Planar 804/1 vector network analyzer in a Howland and Company 3100 chamber equivalent. Phase center is nine inches above the Phi positioner.

Flat surface measurements were done with the antenna centered on a 1.5 mm-thick plate of polycarbonate. Curved surface measurements were taken by placing the antenna on the inside and outside of different diameter PVC tubing.

