

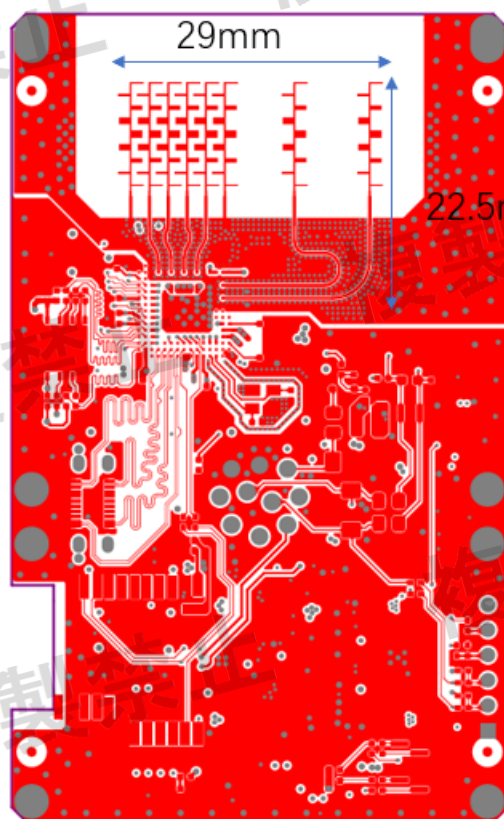
Manufacturer: BBC Bircher Technologies (Suzhou) Co. Ltd.

Address: Unit E#1FA, Integrated Free Trade Zone A, No.200 Suhong Middle Road, Suzhou Industrial Park, Suzhou, Jiangsu Province, China

1、 Supplier

Microbrain intelligent Technology

2. Antenna detail Size



Antenna Size

3. Antenna S parameter

The 77G Radar antenna operates at 77-81GHz and resonates in this band. The following table shows the main characteristics of the antenna.

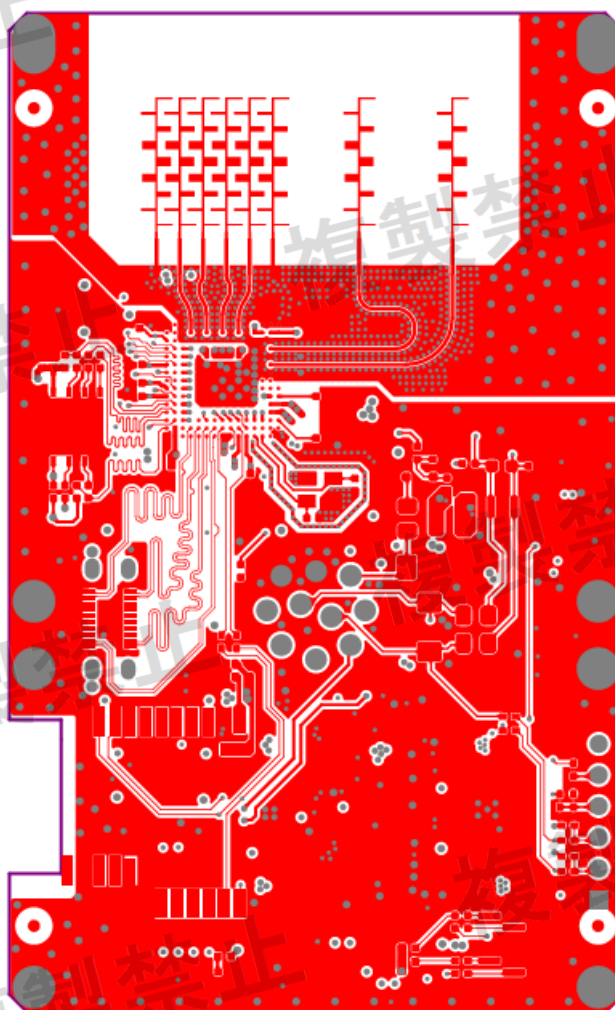
**Polarization: linear polarization**

**Antenna type: microstrip patch array**

**Impedance: 50Ω**

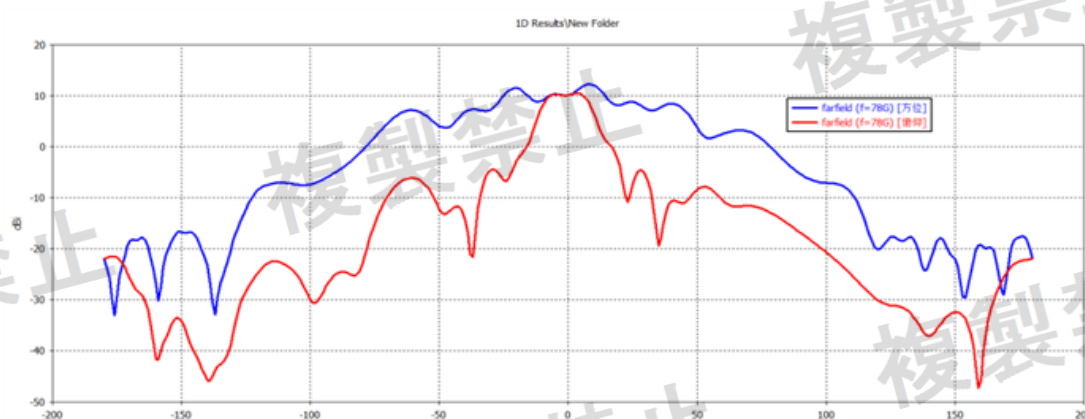
**ROE (VSWR): < 1.5 (76-81)**

**Antenna Radiation Pattern Diagram:**



Antenna Simulation model

#### 4. Antenna Radiation Pattern Diagram:



Antenna gain:10dBi

#### 5. Antenna Radiation Pattern Diagram in free space chamber:

