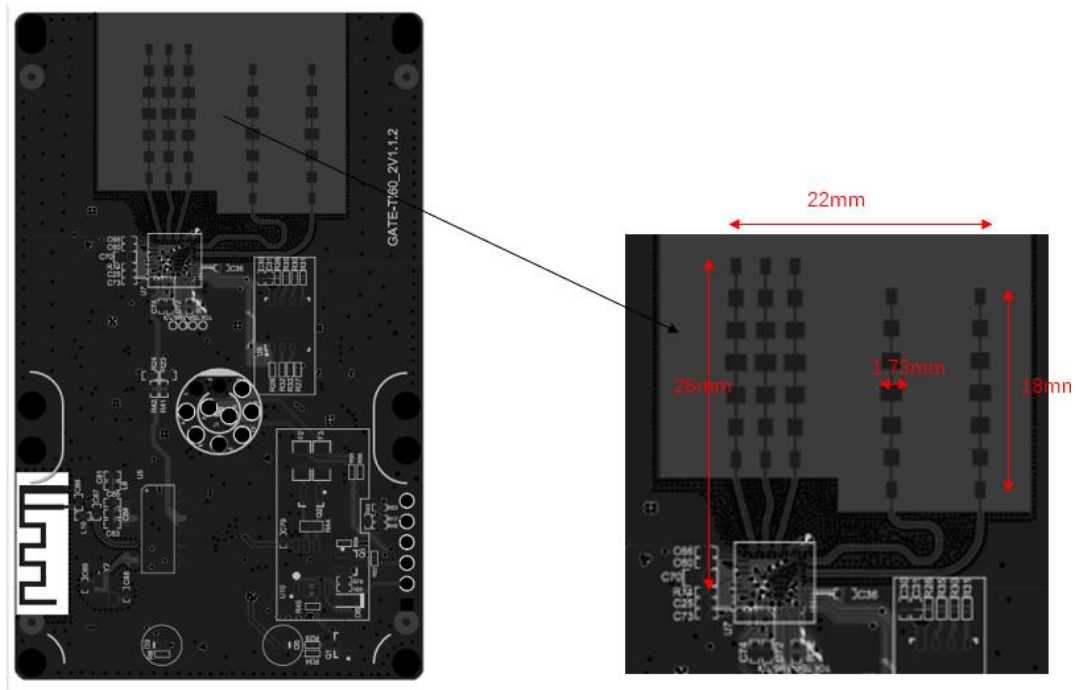


1、Supplier

Microbrain intelligent Technology

Add: 3th Floor, Building A, Chentai Science Park, Wanglong Road No.56, Yuelu District, Changsha, China

2. Antenna detail Size



Antenna Size

3. Antenna S parameter

The 60G Radar antenna operates at 60–64GHz and resonates in this band. The following table shows the main characteristics of the antenna.

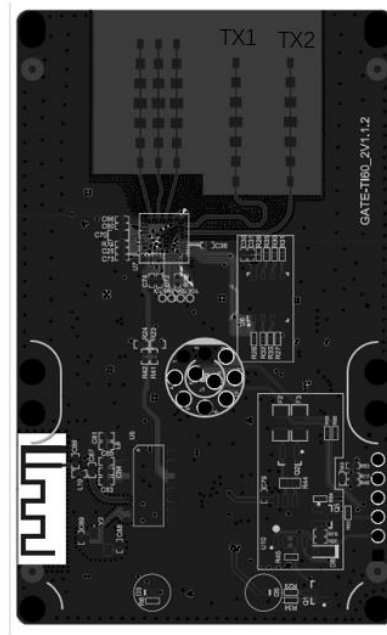
Polarization: linear polarization

Antenna type: microstrip patch array

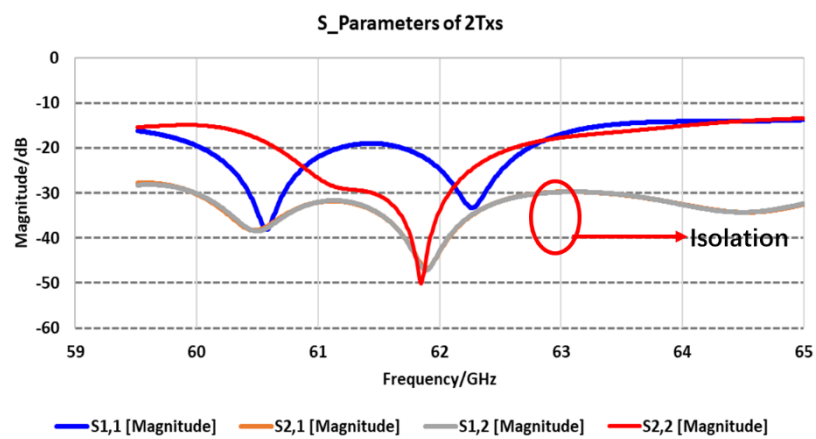
Impedance: 50Ω

ROE (VSWR): < 1.5 (60–64)

Antenna Radiation Pattern Diagram:

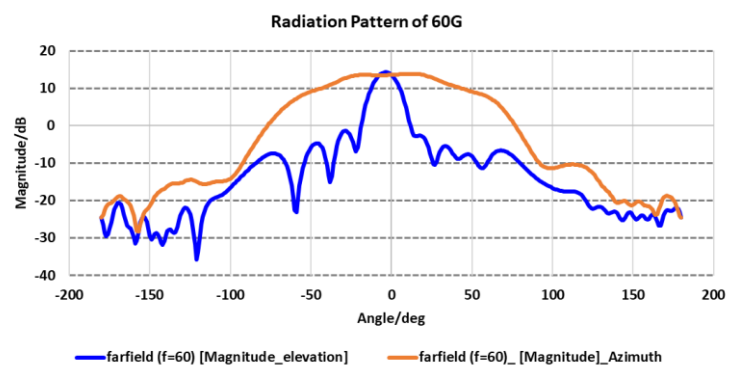


Antenna Simulation model

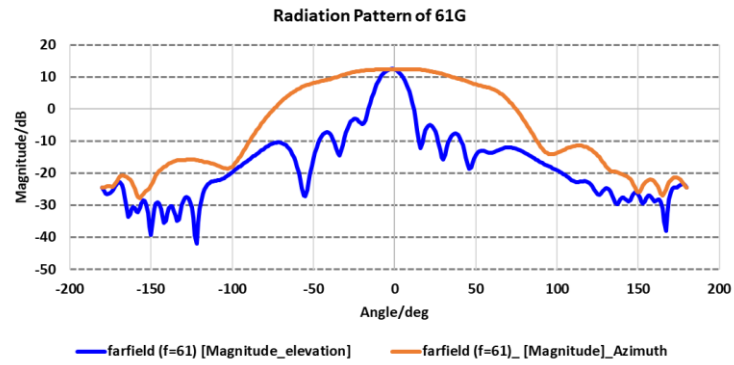


S parameters

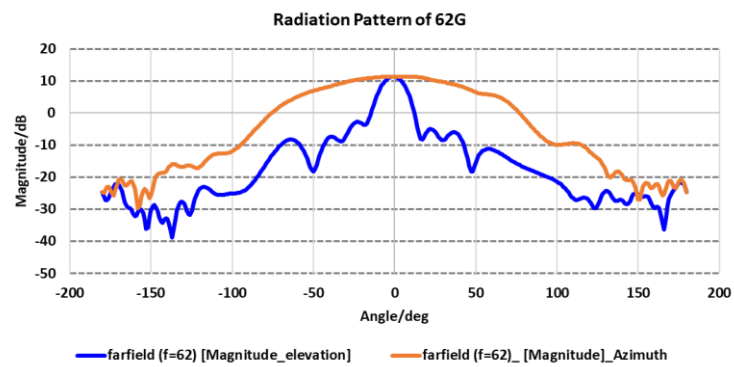
4. Antenna Radiation Pattern Diagram:



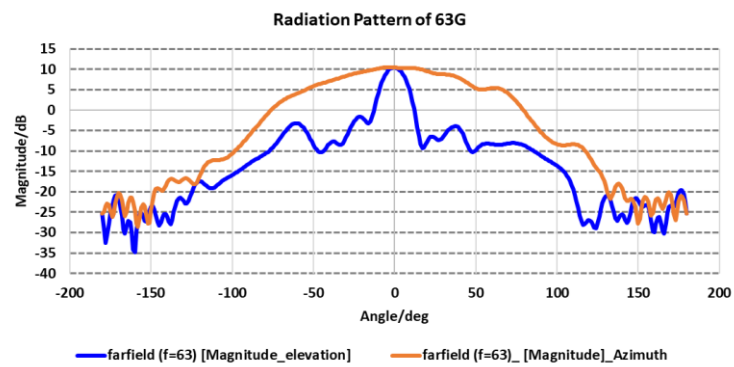
Radiation pattern of 60GHz(show azimuth and elevation plane)



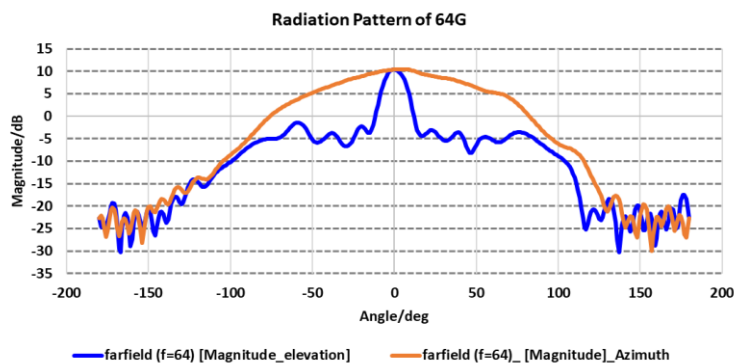
Radiation pattern of 61GHz(show azimuth and elevation plane)



Radiation pattern of 62GHz(show azimuth and elevation plane)



Radiation pattern of 63GHz(show azimuth and elevation plane)



Radiation pattern of 64GHz(show azimuth and elevation plane)

Antenna gain:12dBi

5. Antenna Radiation Pattern Diagram in free space chamber:

