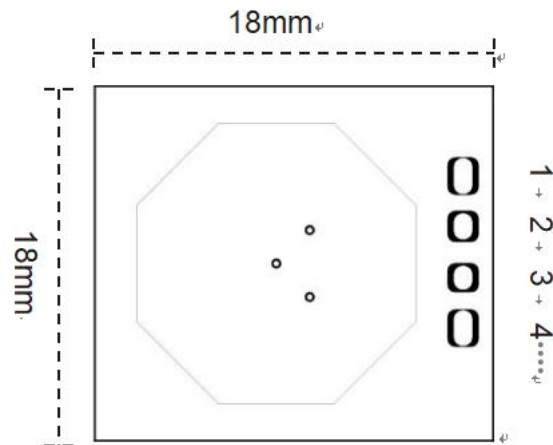


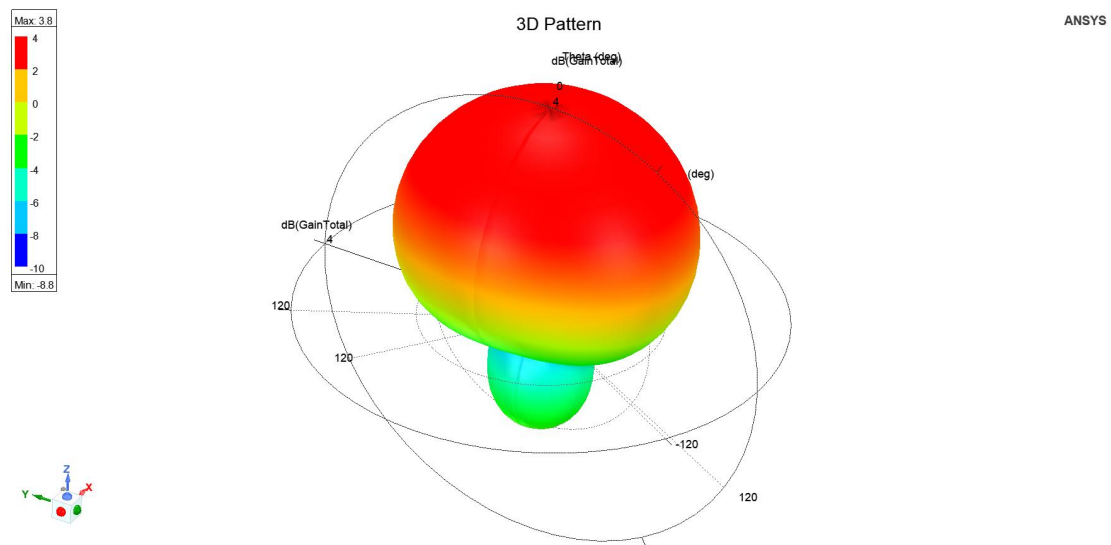
K58S72 Antenna report

1. Antenna size

- Patch size: 12.6*12.6mm
- GND: 18*18mm

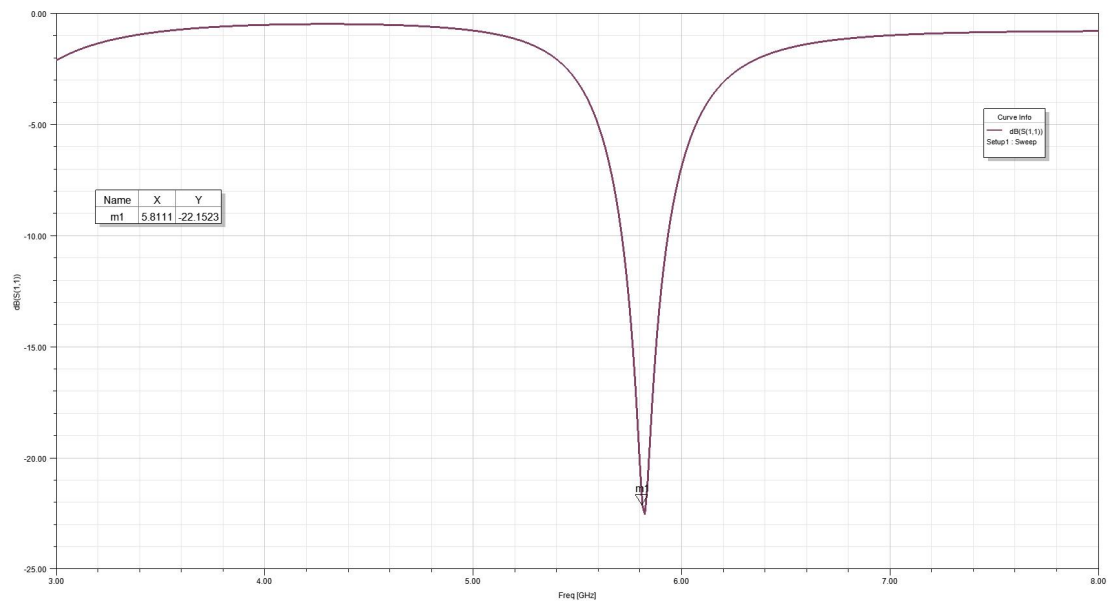


2. Pattern

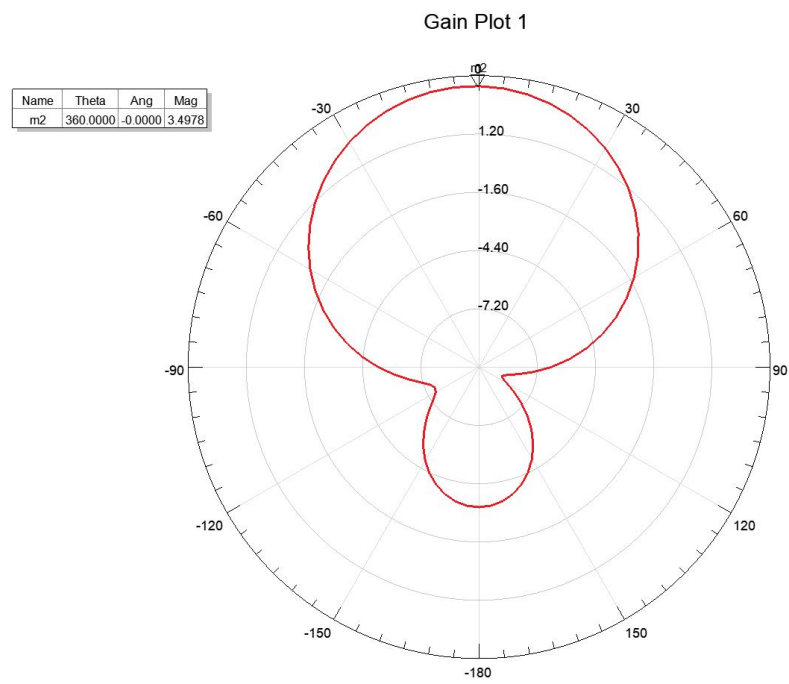


3. 2D/3D simulation data

- S11



- Gain: 3.5dBi



Antenna Params Table 1

| | Freq [GHz] | dB(PeakGain) Setup1 : LastAdaptive |
|---|------------|---------------------------------------|
| 1 | 5.800000 | 3.497793 |

4. Antenna specifications

| Antenna Specifications | |
|------------------------|---|
| Antenna Type | PCB Patch antenna |
| Operation frequency | 5.8GHz (center frequency) |
| Gain | 3.5dBi |
| Impedance | 50ohm |
| Manufacturer | Lanquad Semiconductor Co.Ltd Room 415, Building No.1, Yinkun Chuangxinhui, 61# Wenjing Road, Pukou District , Nanjing , China |