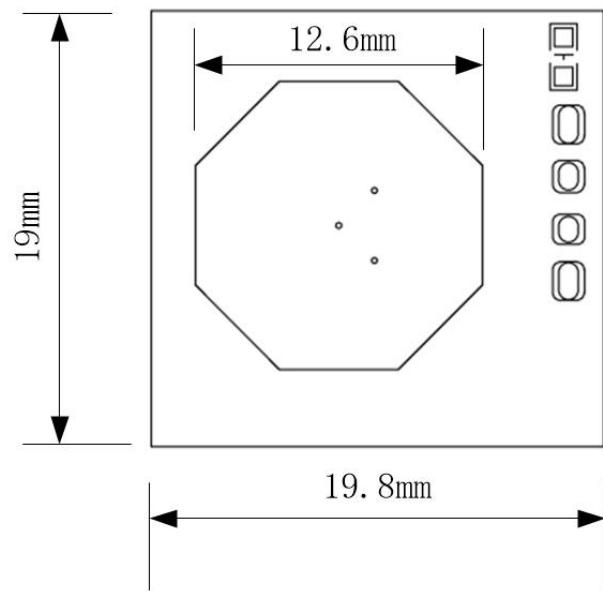


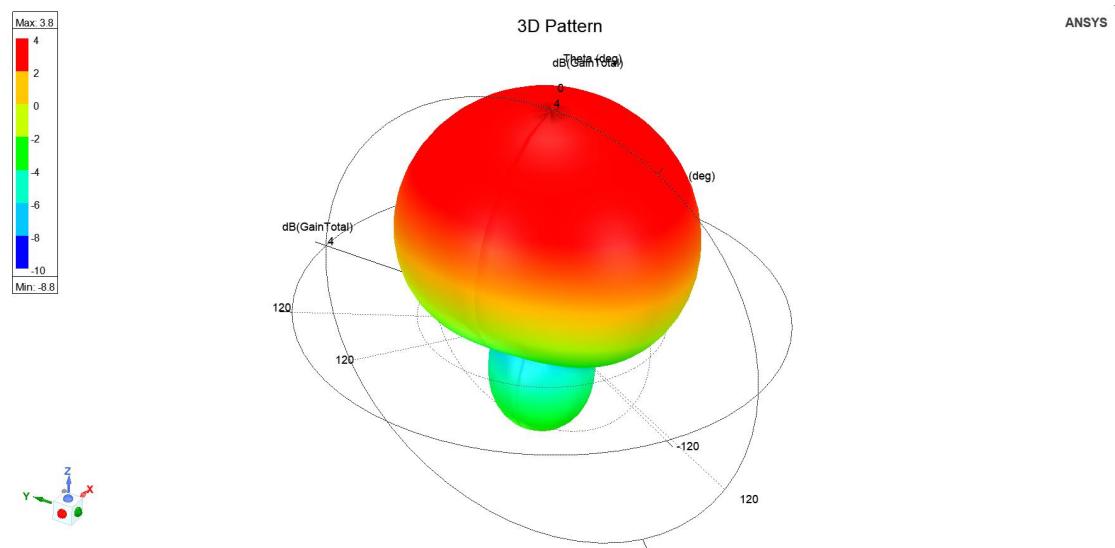
# K58S55 Antenna report

## 1. Antenna size

- Patch size: 12.6\*12.6mm
- GND: 19\*19.8mm

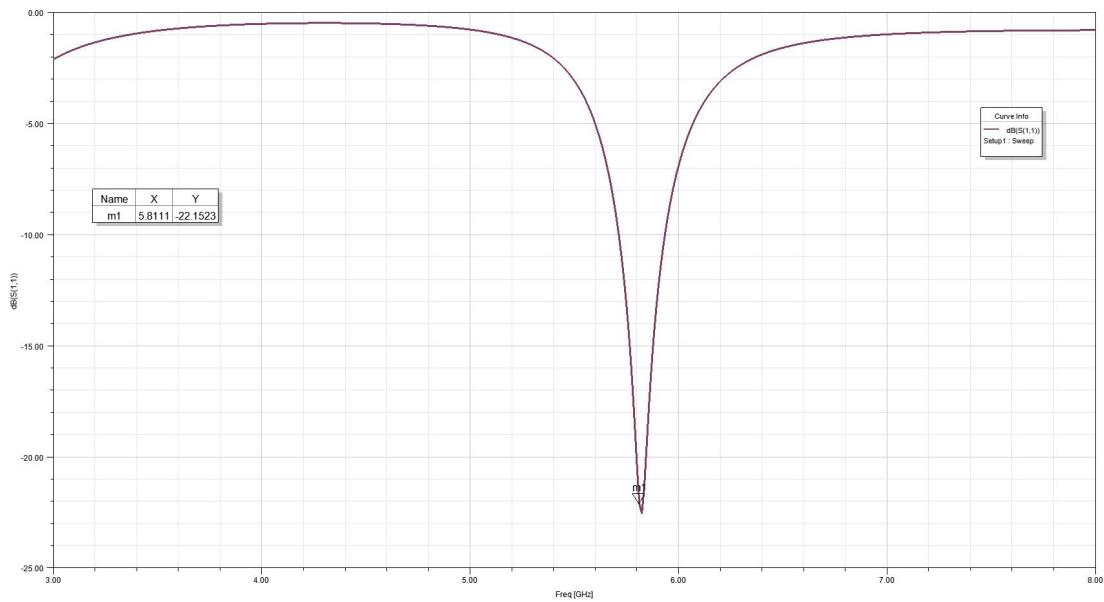


## 2. Pattern

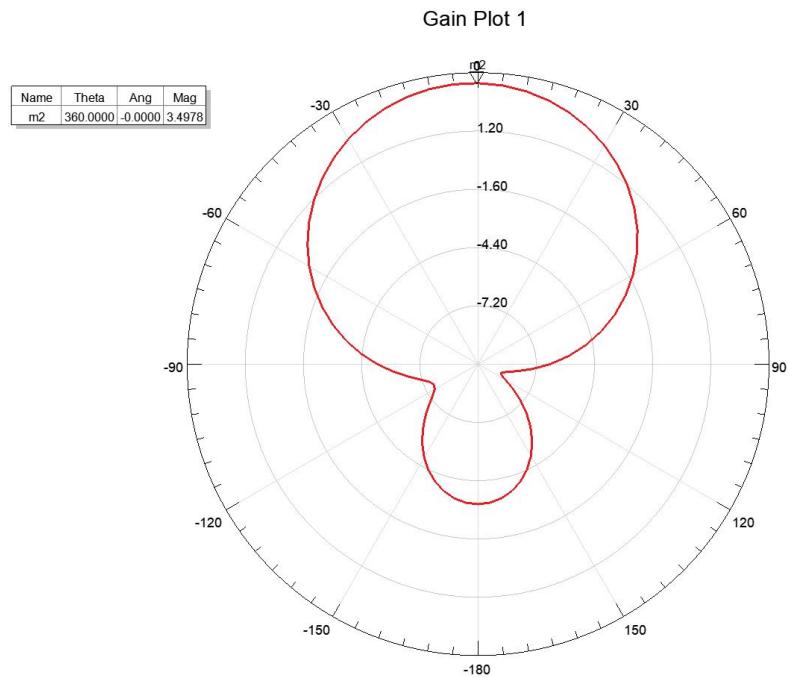


### 3. 2D/3D simulation data

- 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