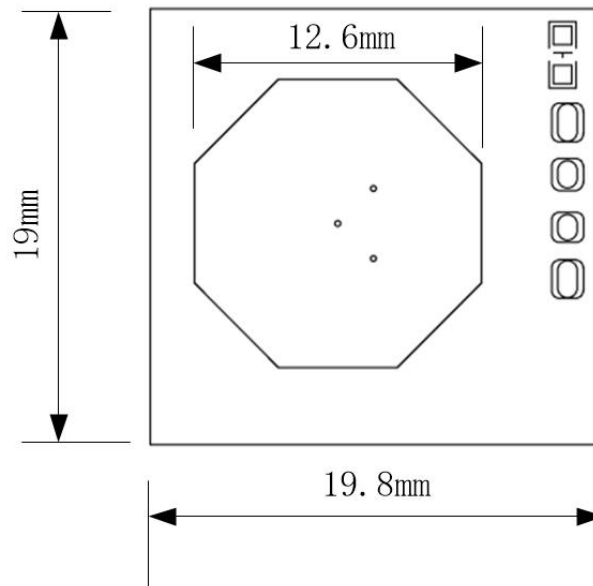


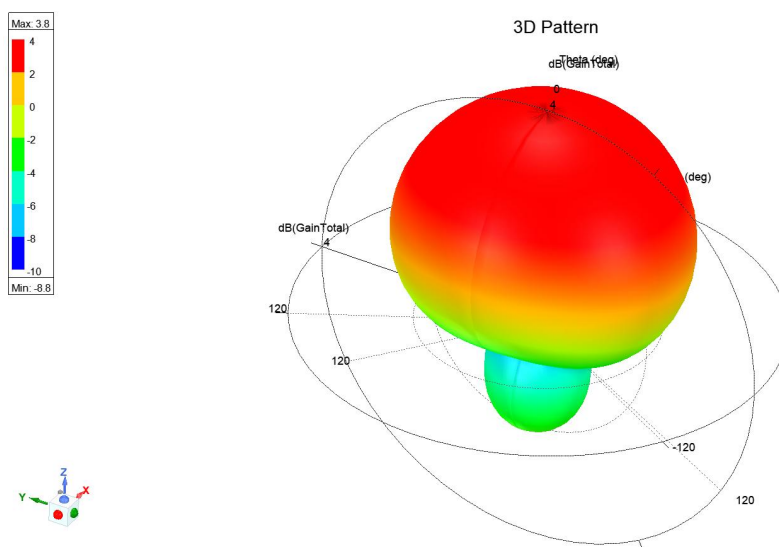
K58S55 Antenna report

1. Antenna size

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

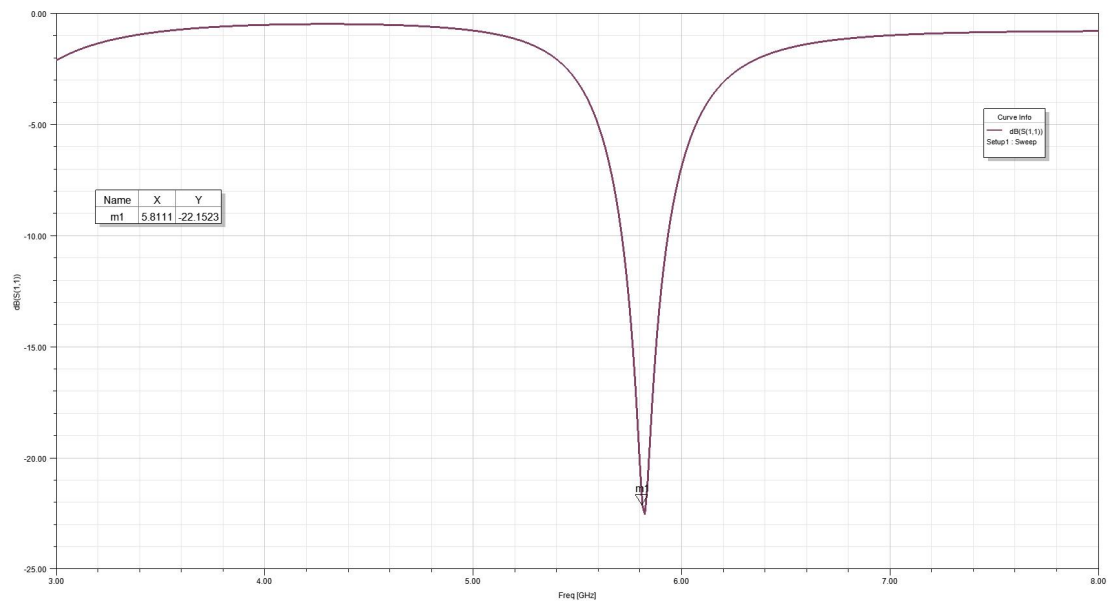


2. Pattern

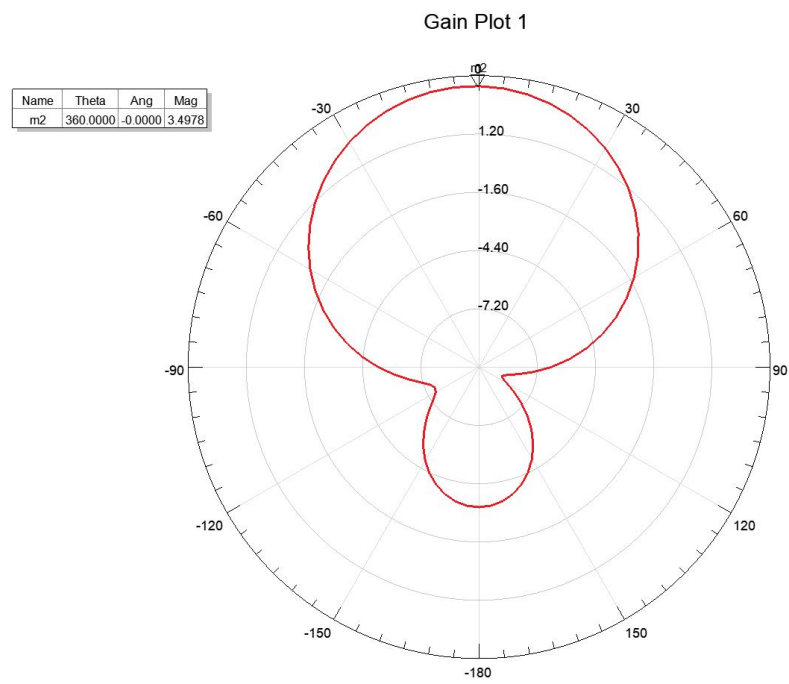


3. 2D/3D simulation data

- 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