

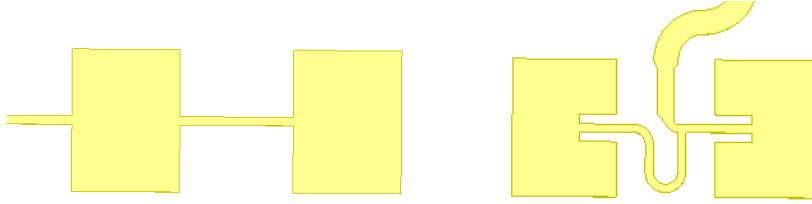
## 60GHz 毫米波雷达天线

### 60GHz millimeter wave radar antenna

#### 1. 天线类型 Antenna type

天线采用贴片天线，如下图所示：

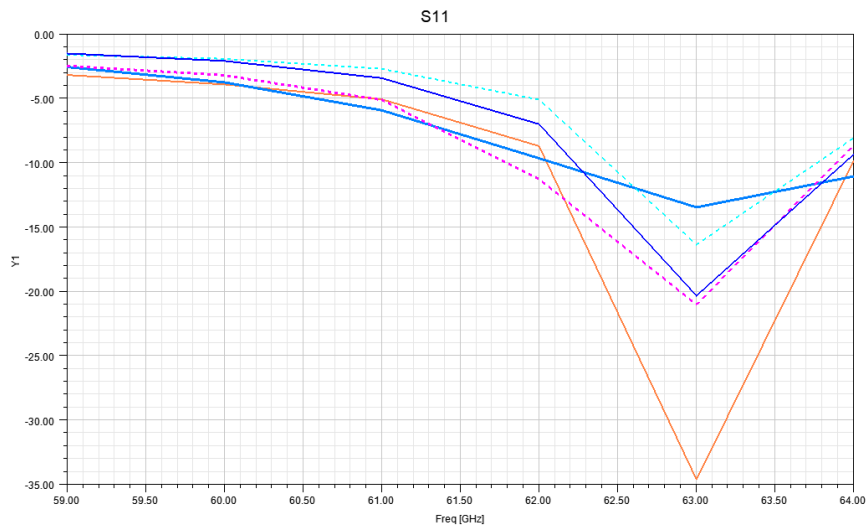
Antenna adopts patch antenna, as shown below:



#### 2. 回波损耗 Return loss

回波损耗如下图所示：

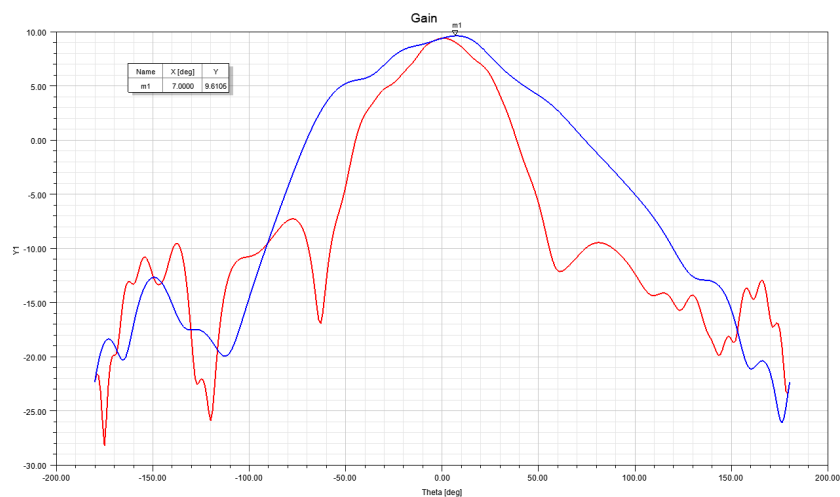
The return loss is shown in the figure below:



#### 3. 发射天线增益 Transmit antenna gain

发射天线增益如下图所示：

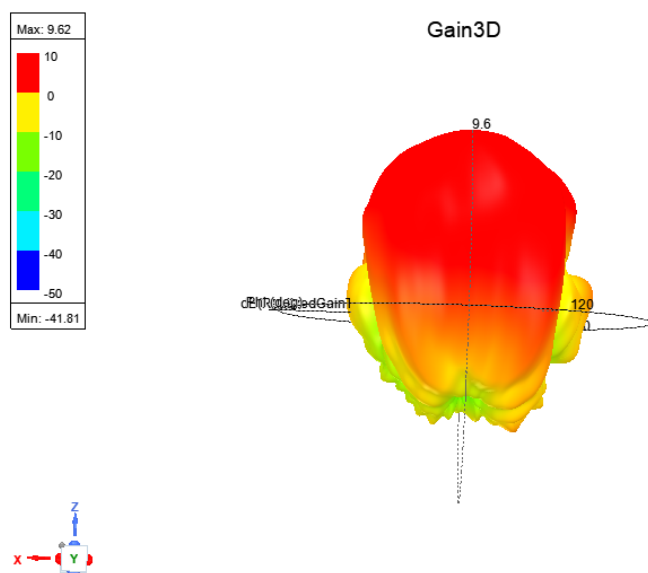
The transmit antenna gain is shown in the figure below:



#### 4. 方向图 Direction diagram

方向图如下所示:

The direction diagram is as follows:



#### 5. 天线关键技术指标 Antenna key technical specifications

天线增益: 9.6dBi

The antenna gain: 9.6dBi

频率: 60-64 MHz

Frequency: 60-64 MHz

3dB 波束宽度为:  $50^\circ \pm 20$

The 3dB beam width:  $50^\circ \pm 20$

天线通道: 4T4R

Antenna channel: 4T4R

Manufacturer:

Autel Robotics Co., Ltd.

Address: 601, 701, 801, 901, Block B1, Nanshan iPark, No. 1001 Xueyuan  
Avenue, Nanshan District, Shenzhen, Guangdong, 518055, China