

# 60GHz millimeter wave radar antenna

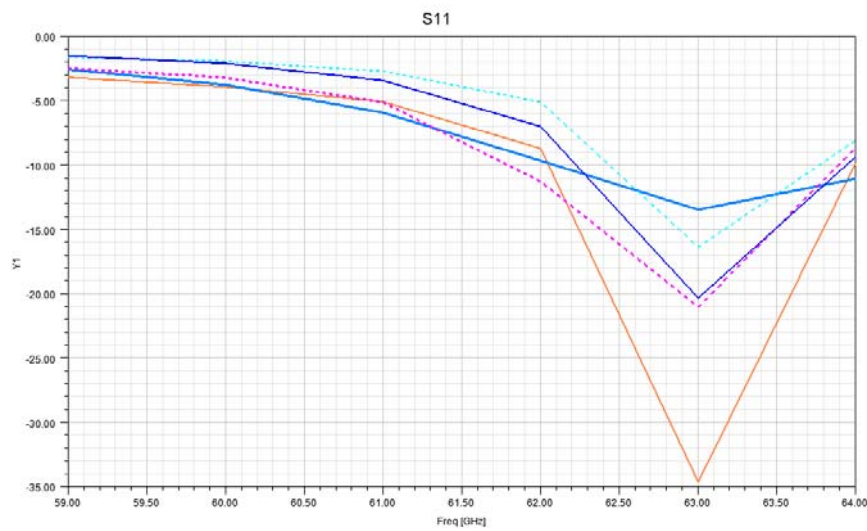
## 1. Antenna Type

Antenna adopts patch antenna, as shown below:



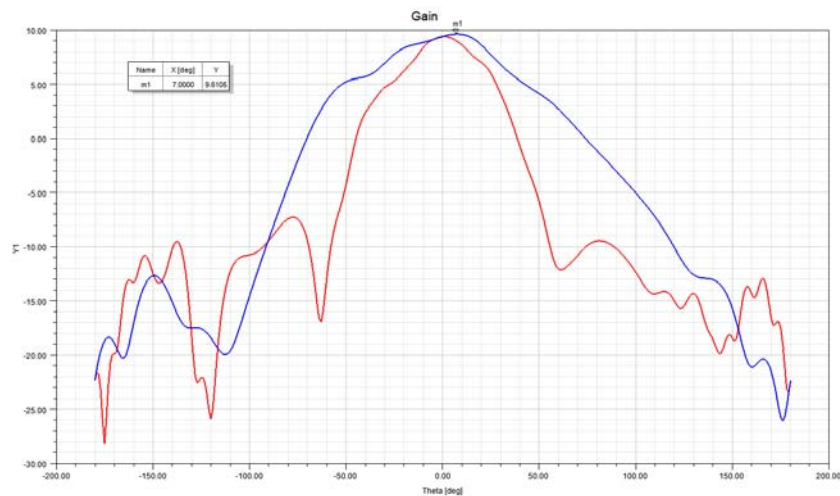
## 2. Return loss

The return loss is shown in the figure below:



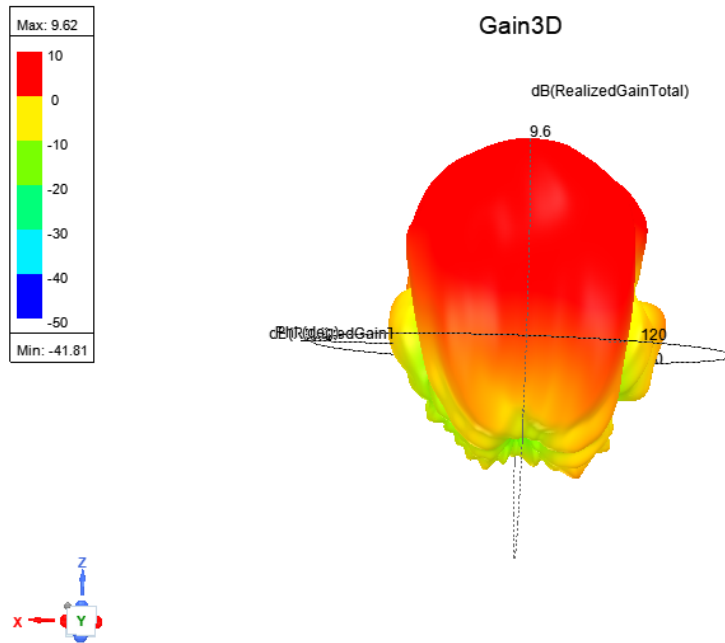
## 3. Transmit antenna gain

The transmit antenna gain is shown in the figure below:



#### 4. Direction diagram

The direction diagram is as follows:



#### 5. Key antenna technical specifications

Transmitting antenna gain: 9.6dBi

3dB beam width:  $50^{\circ} \pm 20$  Antenna

channel: 4T4R Operation

frequency: 60-62GHz

Manufacturer: Autel Robotics Co., Ltd.

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