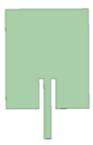
# 60Ghz millimeter wave radar antenna

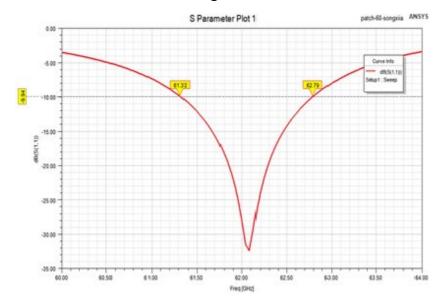
## 1. Antenna type

The antenna adopts a patch antenna , as shown in the figure below :



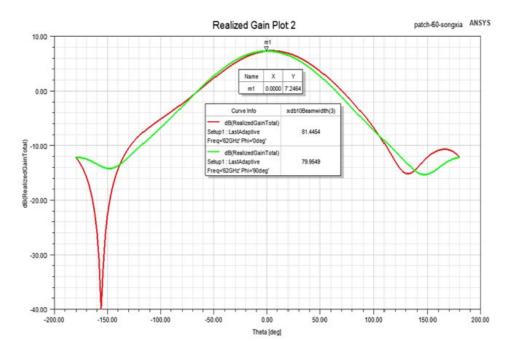
### 2. return loss

The return loss is shown in the figure below :



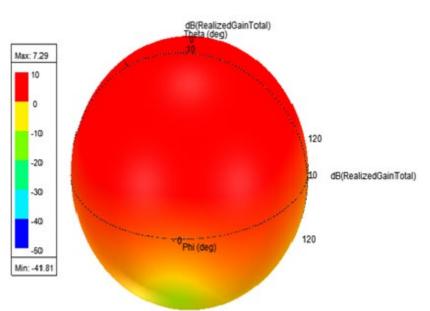
## 3. transmit antenna gain

The transmitting antenna gain is shown in the figure below :



#### 4. direction map

The orientation diagram looks like this :



Realized Gain Plot 3

## 5. Antenna key technical indicators

Transmitting antenna gain: 7.29dBi

3dB beam width :  $\pm$  40°

Antenna channel : 4T4R

Frequency: 60-64GHz
Model: MDX\_60G
Manufacturer:
Autel Robotics Co.,Ltd.
Address: 601, 701, 801, 901,Block B1, Nanshan iPark, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong, 518055, China