

60Ghz millimeter wave radar antenna

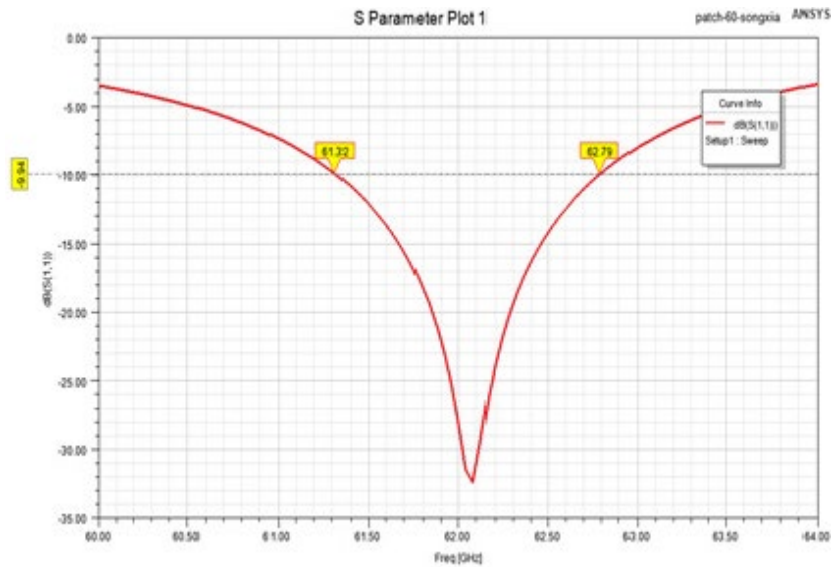
1. Antenna type

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



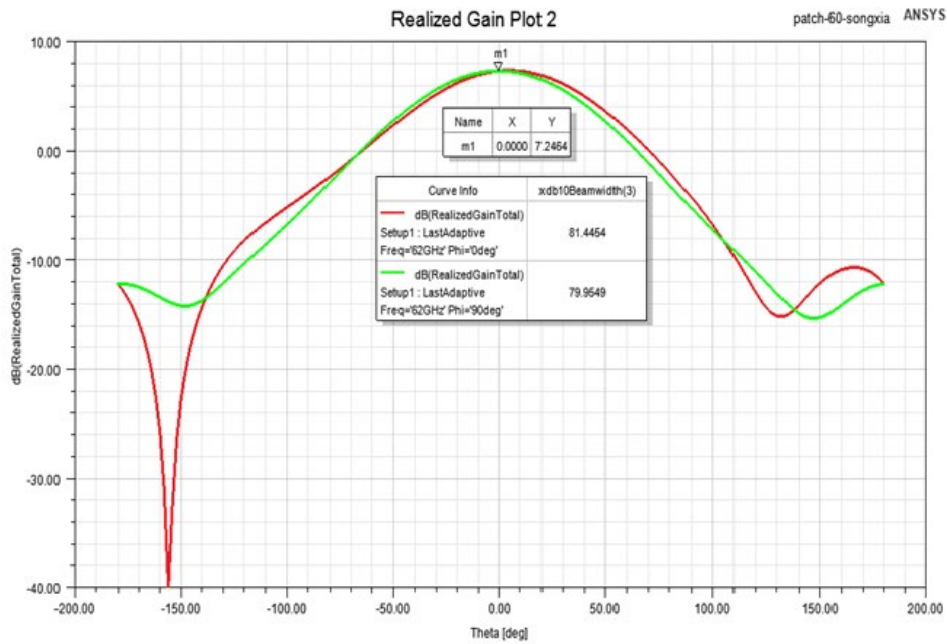
2. return loss

The return loss is shown in the figure below :



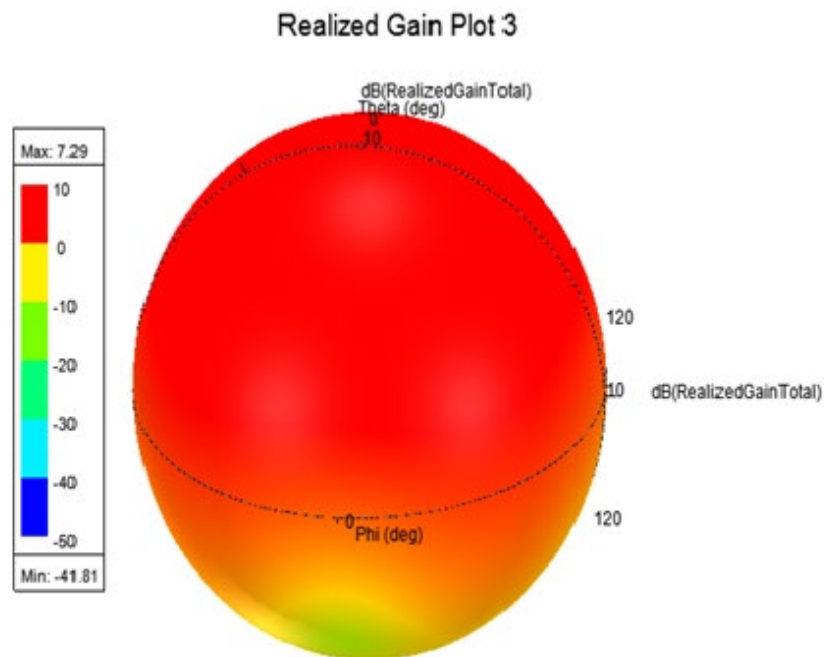
3. transmit antenna gain

The transmitting antenna gain is shown in the figure below :



4. direction map

The orientation diagram looks like this :



5. Antenna key technical indicators

Transmitting antenna gain: 7.29dBi

3dB beam width : $\pm 40^\circ$

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