

60GHz millimeter wave radar antenna

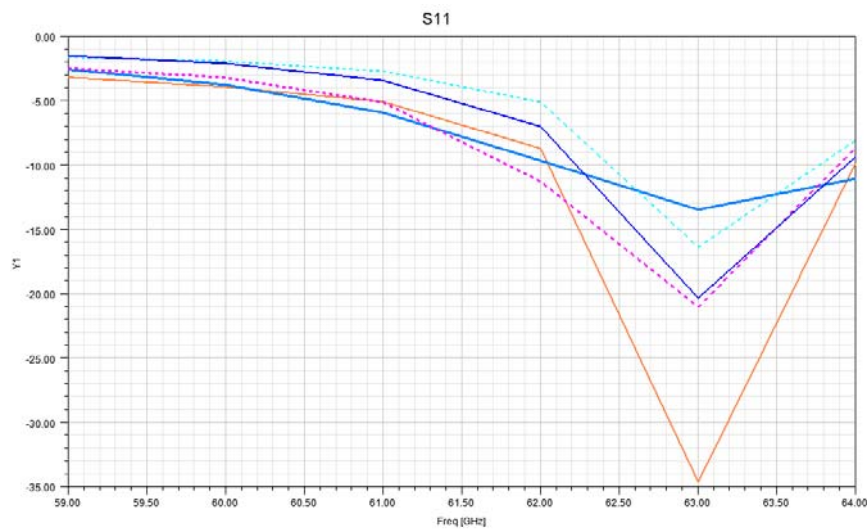
1. Antenna Type

Antenna adopts patch antenna, as shown below:



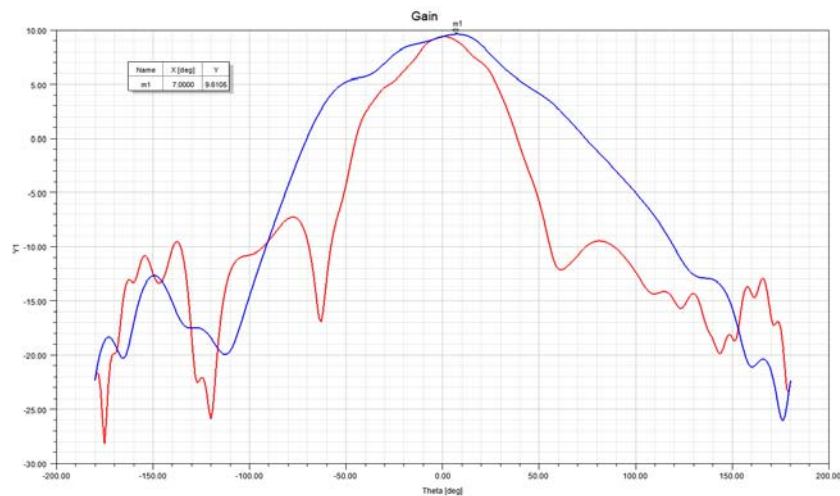
2. Return loss

The return loss is shown in the figure below:



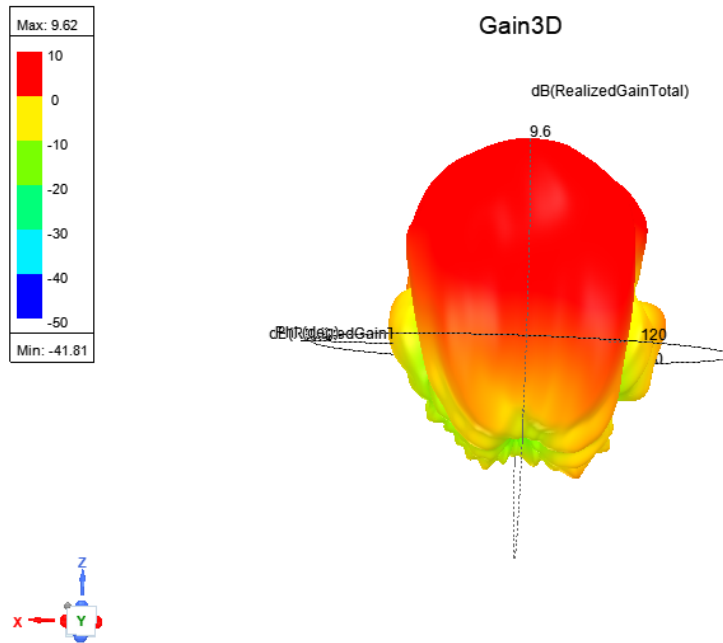
3. Transmit antenna gain

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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