

# Antenna Product Manual

HYN505

## **Product Features**

Electrical Properties: Common antenna which is suitable for UHF RFID terminal device such as handheld reader and have feature of high gain, small size and lower VSWR etc.

## **Performance Specifications**

Frequency : 860MHz~960MHz

VSWR:  $\leq 1.3:1$

Gain:  $> 3$  dBi

polarization: circular polarization

axial ratio:  $< 3$  dB

relative humidity: 5%~95%

input impedance:  $50 \Omega$

Antenna Connector : SMA (IPX optional )

## **Physical specifications**

Size: 61 mm\*61 mm\*16.3 mm

Weight: 30g

Material: PCB and stainless steel

Color: Green

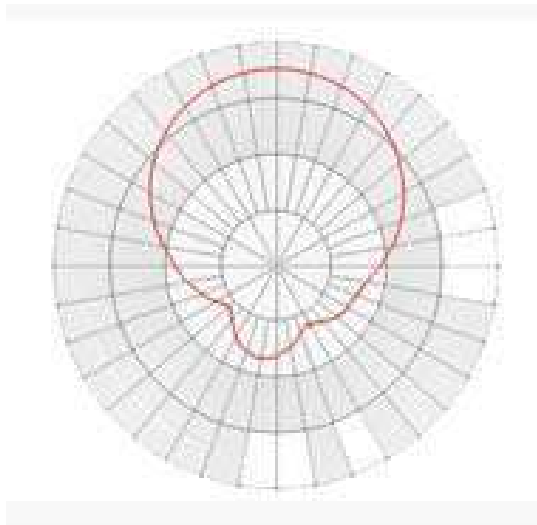
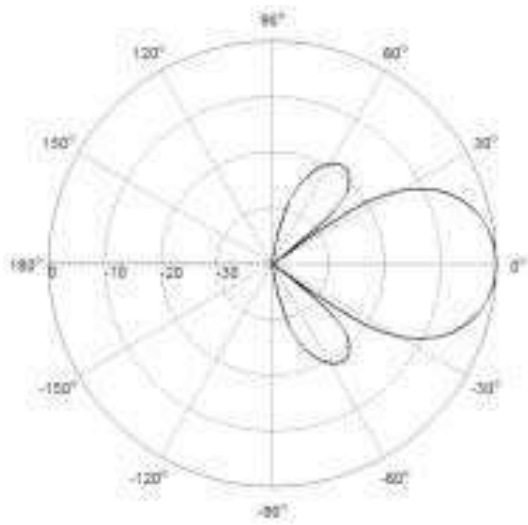
operating temperature:  $-40^{\circ}\text{C} \sim + 85^{\circ}\text{C}$

storage temperature:  $-40^{\circ}\text{C} \sim + 85^{\circ}\text{C}$

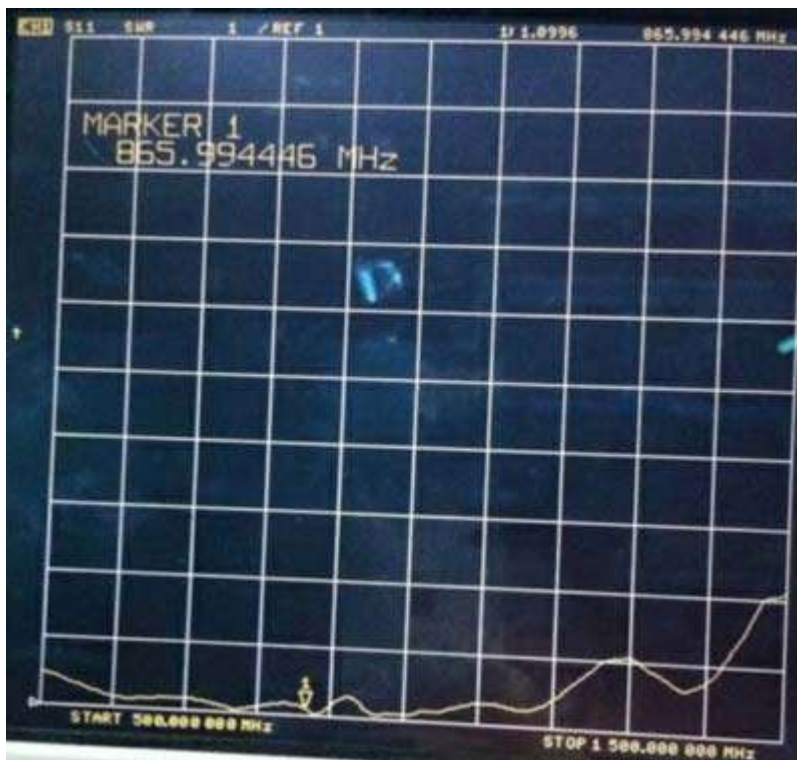
## **Product picture**



## Antenna Radiation Pattern



## VSWR



## Antenna size

