

Product Specifications of BH-01 Antenna

Product Model

BH-01 Antenna

Product Function and Features

Electrical Properties: It is a general antenna for terminal applications with high gain, miniaturization, low VSWR and etc.

Mechanical Properties: small size and suitable for various severe environments.

Product Applications

BH-01 Antenna is of convenient application in UHF RFID handheld reader and other terminal application fields.

Performance Specifications

Frequency Range: 902MHz~928MHz

VSWR: $\leq 1.3:1$

Gain: 4.5 dBi

Polarization: Circular Polarization

Axial ratio: <3 dB

Relative humidity: 5% ~ 95%

Impedance: $50\pm1\Omega$

Connector Type: MMCX (IPX optional)

Mechanical Specifications

Size: 85 mm \times 85 mm \times 13.6 mm

Weight: 50g

Material: FR4

Color: green

Production Class: IP54

Operating Temperature: -40°C ~ + 85°C

Storage Temperature: -40°C ~ + 85°C

Mounting Dimensions

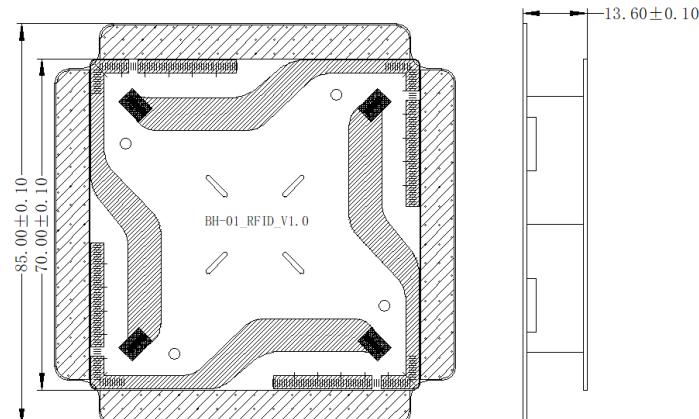


Figure 1. Antenna Structure and Dimensions

Antenna radiation pattern

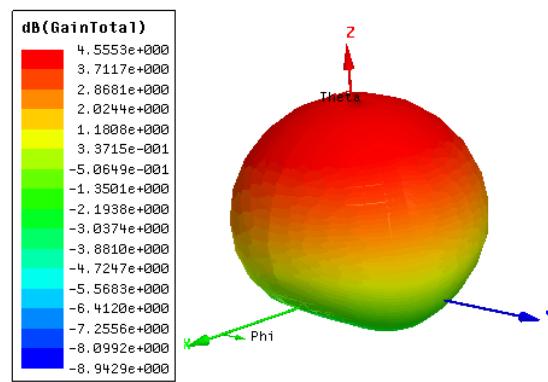


Figure 2. 3D radiation of the antenna

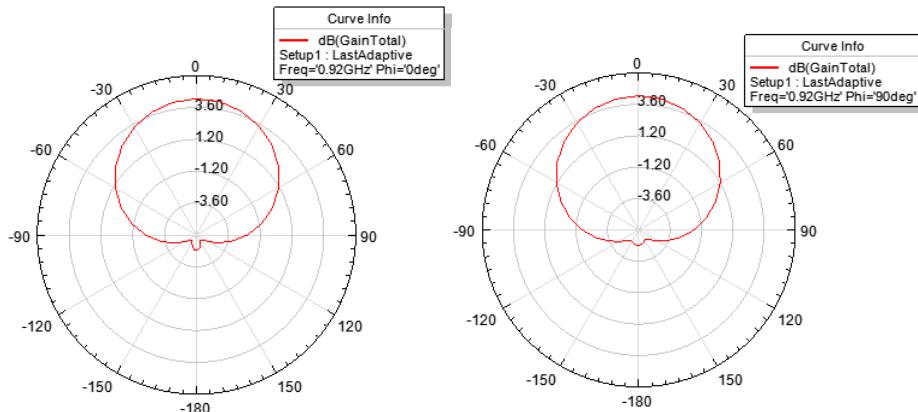


Figure 3. 2D radiation of the antenna