

# ANT-WDB-ARM-02

**Dual-band omni-directional 2.4 and 5 GHz indoor rubber duck antenna**



- > Small size for compact fit
- > Lightweight for portable deployment
- > Tilt and swivel design
- > Flexible installation
- > RP-SMA connector (male) supported

## Specifications

### Antenna Characteristics

**Frequency:** 2.4 to 2.5 and 5.2 to 5.8GHz  
**Antenna Type:** Omni-directional  
**Typical Antenna Gain:** 2 dBi at 2.4 GHz, 2 dBi at 5 GHz  
**Connector:** RP-SMA (male)  
**Impedance:** 50 ohms  
**Polarization:** Linear, vertical  
**HPBW/horizontal:** 360°  
**HPBW/vertical:** 80°  
**V.S.W.R.:** 2.0 max

### Physical Characteristics

**Weight:** 10 g

**Dimensions:** Length=108 mm

**Radome Color:** Black

**Radome Material:** Plastic

**Installation:** Straight mount

### Environmental Limits

**Operating Temperature:** -40 to 80°C (-40 to 176°F)

**Storage Temperature:** -40 to 80°C (-40 to 176°F)

**Ambient Relative Humidity:** 5 to 95% (30°C, non-condensing)

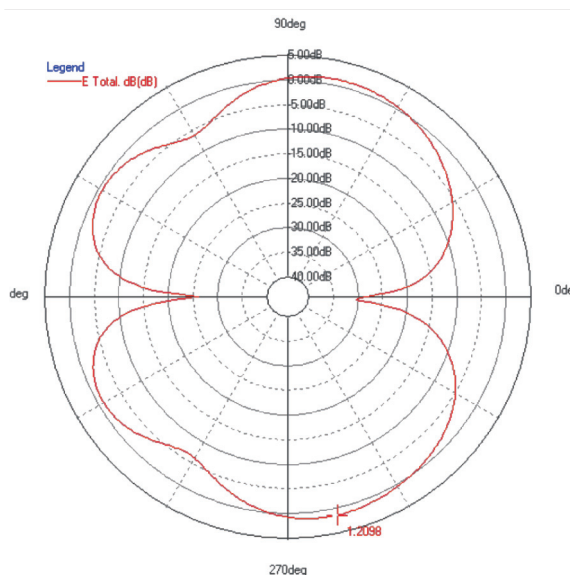
### Warranty

**Warranty Period:** 1 year

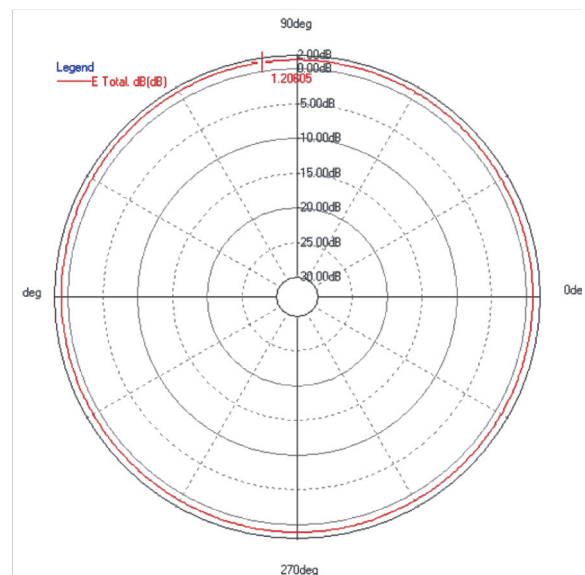
**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

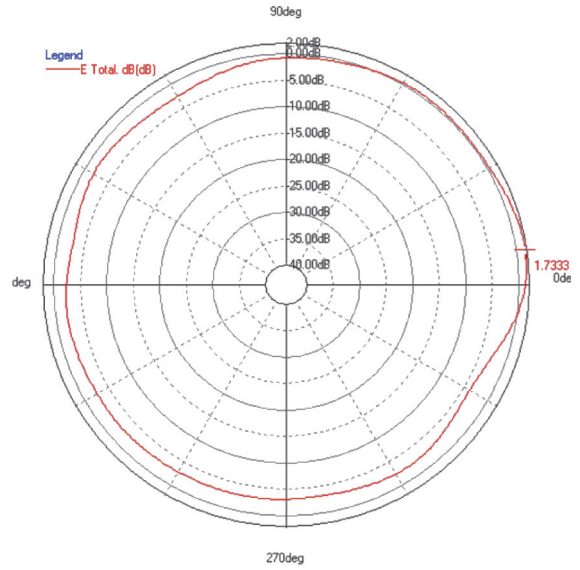
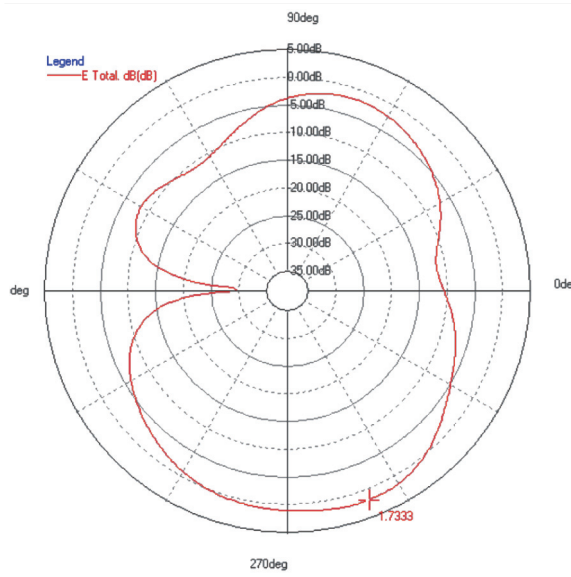
## Field Patterns

### E-plane



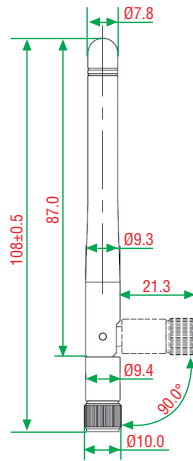
### H-plane





### Dimensions

Unit: mm (inch)



### Ordering Information

#### Available Models

**ANT-WDB-ARM-02:** 2.4/5.5 GHz 2 dBi dual-band antenna, RP-SMA (male) connector

#### Can be used with the following products

AWK-3121, AWK-3121-SSC, AWK-3131, AWK-5222, AWK-1121, AWK-1127, NPort W2150/2250 Plus, NPort W2004