



# FS-GA204

## – FAVITE UHF RFID Antenna for Fix Readers

### FS-GA204

High-Performance  
Circular Polarization  
Indoor-Outdoor



#### Electrical Characteristics

|                          |                                      |
|--------------------------|--------------------------------------|
| Frequency Range          | 902-928 MHz (US); 865-868 MHz (ETSI) |
| Gain                     | 8 dBic                               |
| Polarization             | Circular                             |
| V.S.W.R.                 | $\leq 1.2$                           |
| Front to Back Ratio      | $> 15$ dB                            |
| Vertical 3db Beamwidth   | 73° @ E-Plane                        |
| Horizontal 3db Beamwidth | 69° @ H-Plane                        |
| Impedance                | 50 $\Omega$                          |
| Input Power              | 6 watts (max)                        |

#### Physical Characteristics

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| Dimensions(L x W x H) | 260 mm x 260 mm x 42 mm /<br>10.24" x 10.24" x 1.65" |
| Weight                | 0.89 kg / 1.96 lbs                                   |
| Connector             | N-Type Female                                        |
| Connector Position    | Bottom                                               |
| Environmental Sealing | IP65                                                 |

#### User Environment

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| Operating Temperature  | -40° to +158°F/-40° to +70°C                                                                  |
| Cold Test              | IEC-68-2-1 (-40° F/-40° C for 24 hours)                                                       |
| Heat Test              | IEC-68-2-2 (158° F/70° C for 24 hours)                                                        |
| Temperature Shock Test | IEC-68-2-14 (-40° F rising to 158°F/-40°C<br>rising to 70° C in 10 cycles of 60 minutes each) |
| Humidity Test          | IEC-68-2-30 (77° to 104°F/-25° to 40°C<br>24 hour cycles of 90% relative humidity)            |
| Rain Test              | IEC-68-2-18 (8 hr min in rain chamber at 43 psi)                                              |
| Salt Fog Test          | IEC-68-2-11 (96 hours, repetitive cycling)                                                    |
| Random Vibration Test  | IEC-68-2-6 (10 to 150 Hz, 05 g, 1 hour in<br>each of 2 axes)                                  |

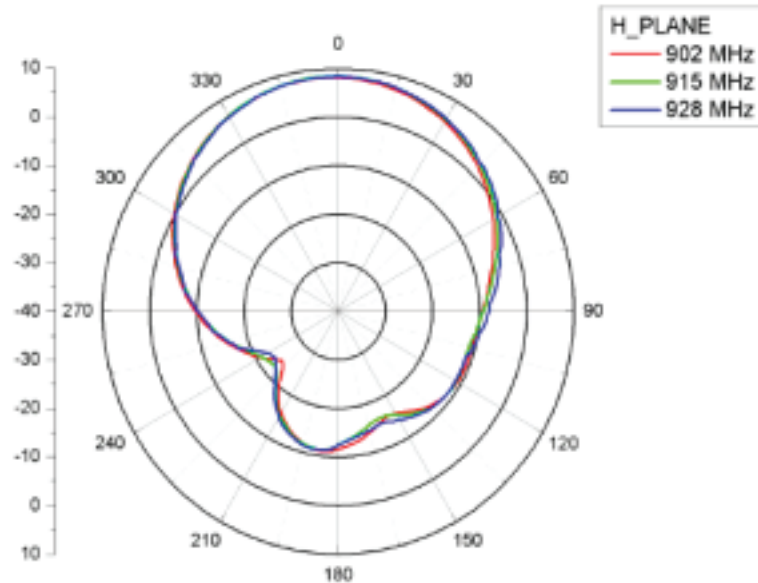
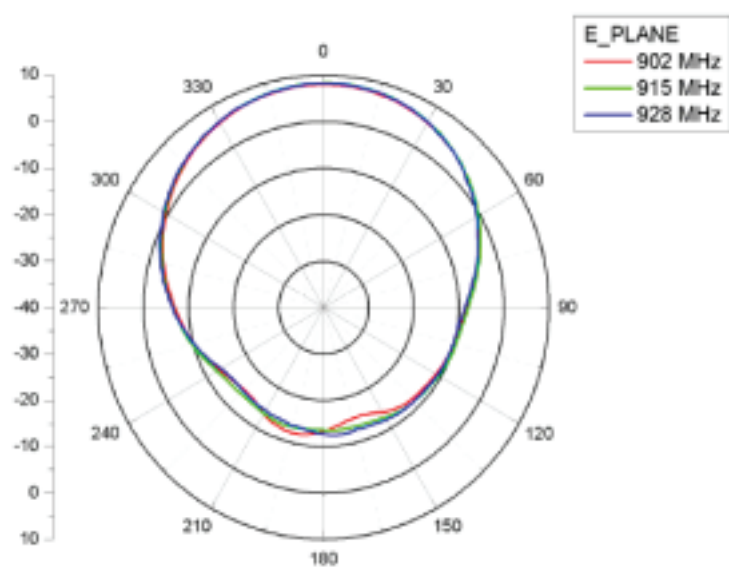
#### Accessory:

RF Cable SMA to N Jack

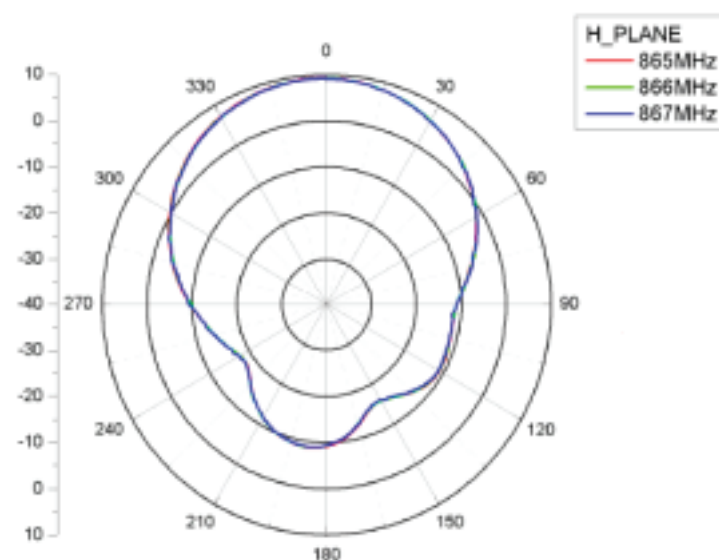
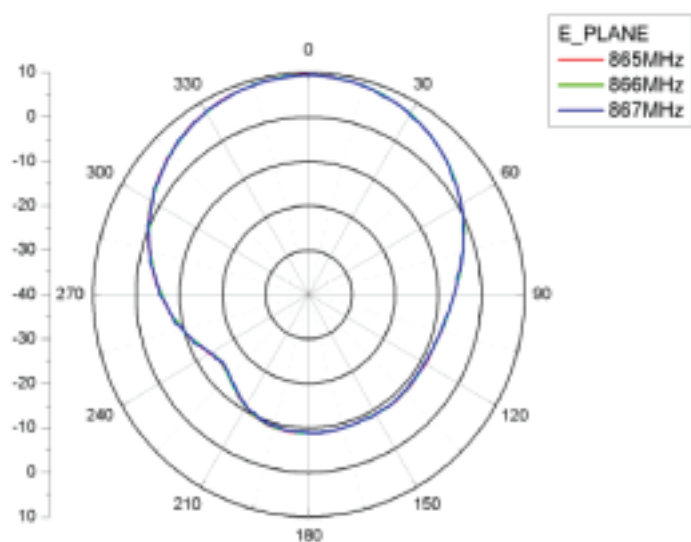


## Pattern

### FCC



### ETSI



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