



## Delta 26

2G/3G/4G/WiFi and Bluetooth Hinged Antenna



### Key Features

- Wide bandwidth (700-960MHz) and (1700-2700MHz)
- Ideal for Wireless LAN and Bluetooth
- Peak Gain 2dBi Upper Frequency Band
- Omnidirectional

### General Description

The Delta 26 is a hinged direct connect antenna that provides the most gain at the higher frequencies for 3G/4G, GPRS, WiFi, Bluetooth and Zigbee.

Variable antenna positioning allows the best signal to be obtained using the built in knuckle and swivel functionality.

The Delta 26 is supplied as standard with an SMA male connector and it can be supplied with a reverse polarity connector for volume orders.

### Additional Considerations

- Direct device connection
- Meets all EU compliance criteria for electronic goods

|              |             |                  |              |
|--------------|-------------|------------------|--------------|
| D<br>Direct  | 2G<br>GSM   | 3G<br>UMTS       | 4G<br>LTE    |
| WLAN<br>2400 | ISM<br>2450 | BLE<br>Bluetooth | ZB<br>Zigbee |

## Delta 26

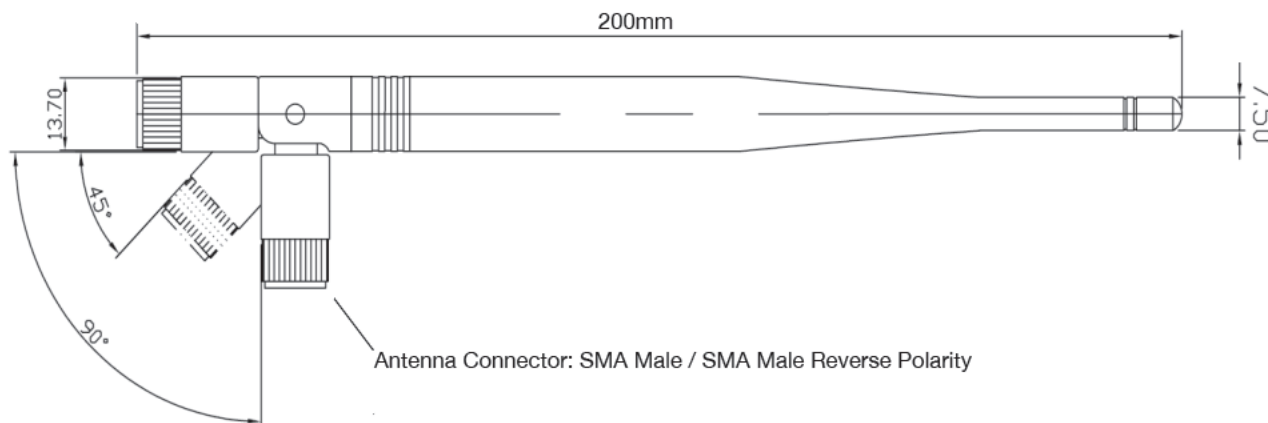
2G/3G/4G/WiFi and Bluetooth Hinged Antenna

### Electrical Specifications

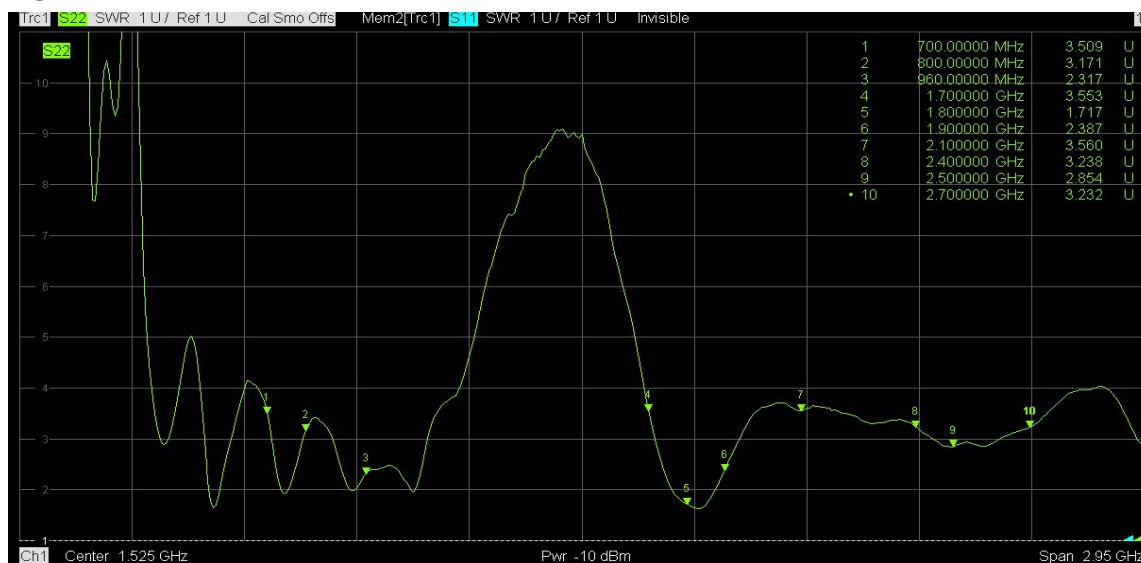
|               |  |
|---------------|--|
| Impedance:    | 50 Ohm                                   |
| Gain:         | 700 - 960MHz 0dBi<br>1700 - 2700MHz 2dBi |
| VSWR:         | ≤3.6:1                                   |
| Frequency:    | 700-960 / 1700-2700MHz                   |
| Max Power:    | 50W                                      |
| Polarization: | Vertical                                 |

### Mechanical Specifications

|                  |                  |
|------------------|------------------|
| Dimensions:      | L200 x W13.7mm Ø |
| Connector:       | SMA Plug         |
| Mounting method: | Direct Connect   |



### VSWR





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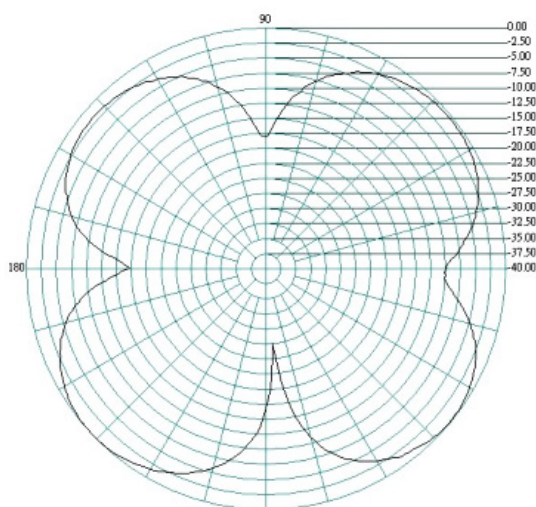
### Return Loss



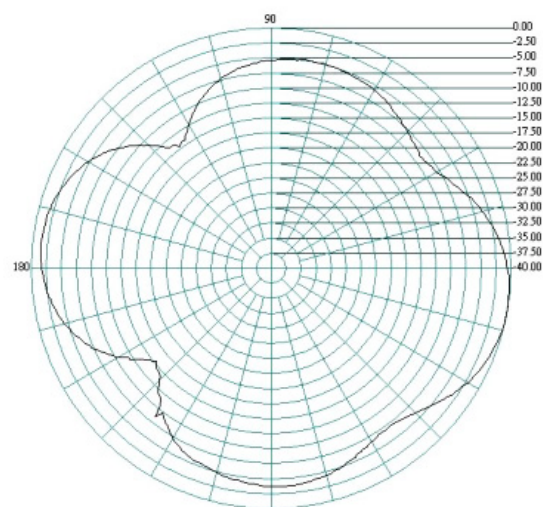
### Radiation Patterns

E Plane

0.7 GHz



H Plane



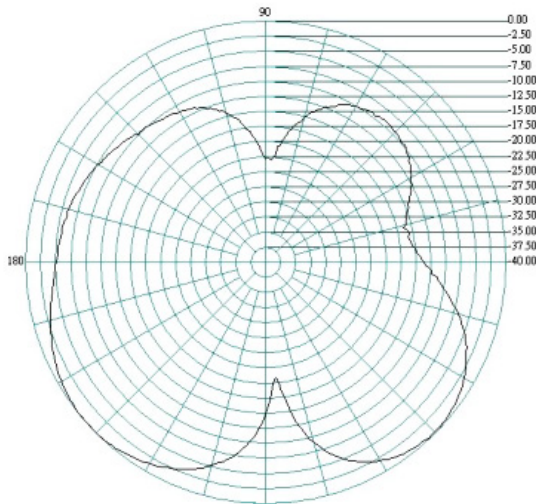


## Delta 26

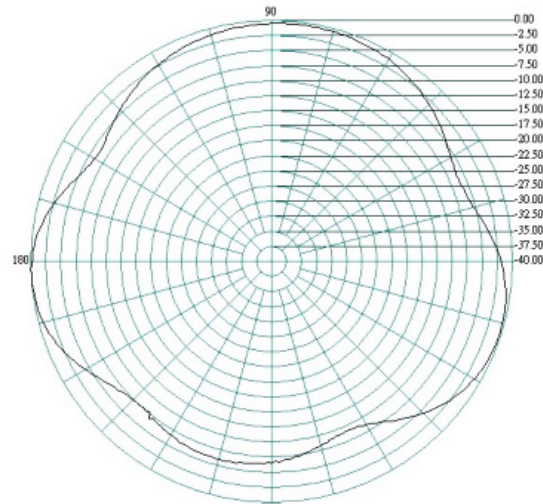
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### E Plane

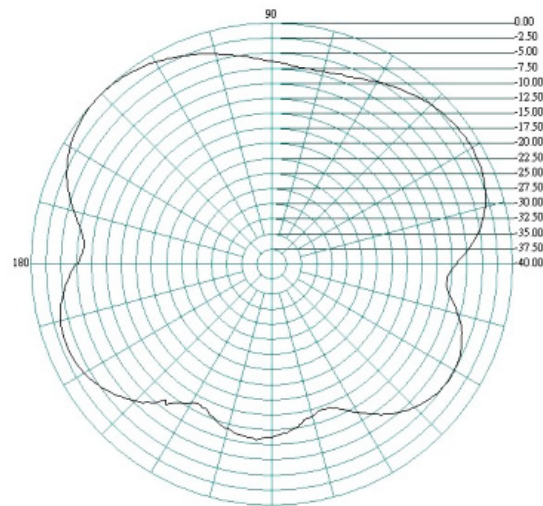
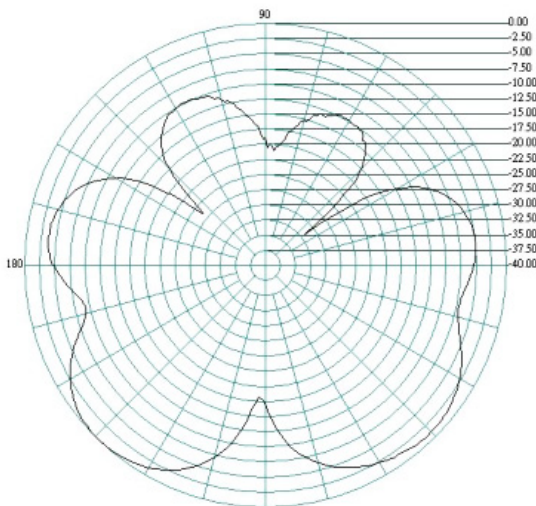
0.8 GHz



### H Plane



0.9 GHz





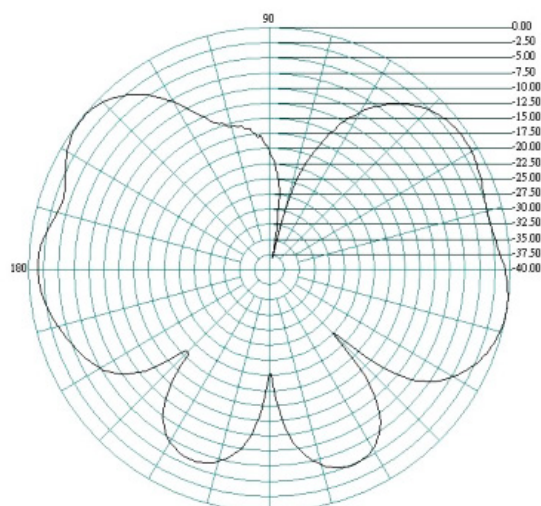


## Delta 26

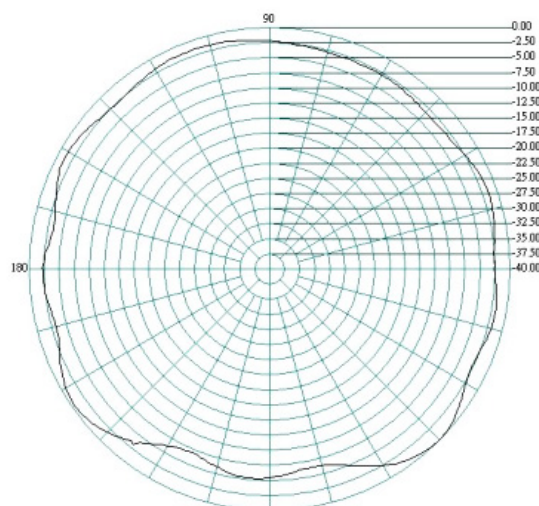
2G/3G/4G/WiFi and Bluetooth Hinged Antenna

### E Plane

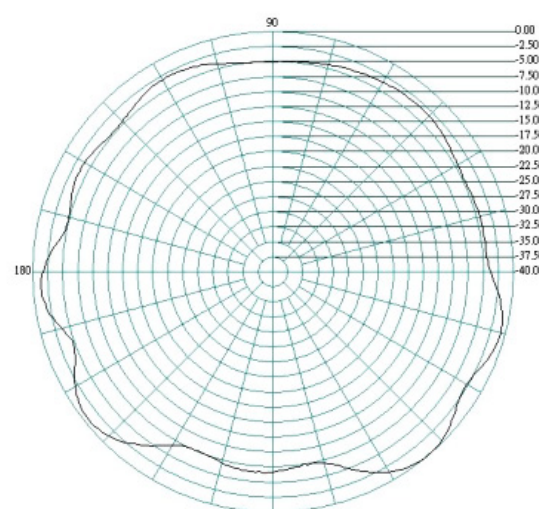
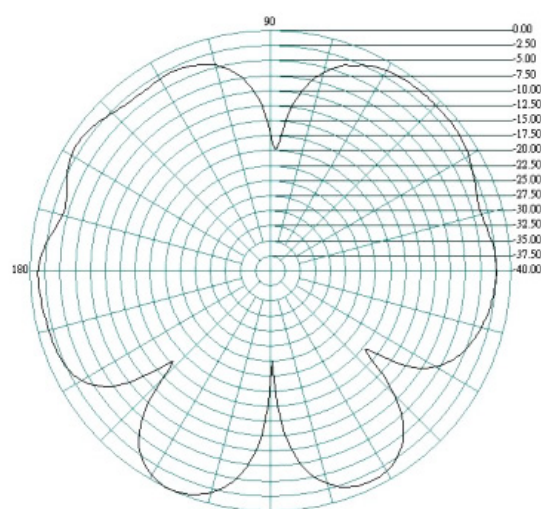
1.7 GHz



### H Plane



1.8 GHz

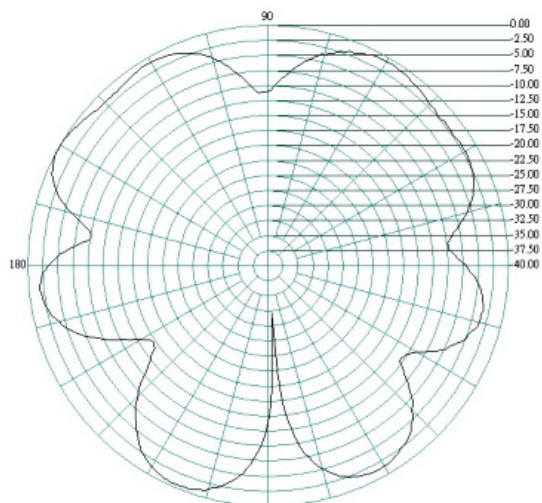




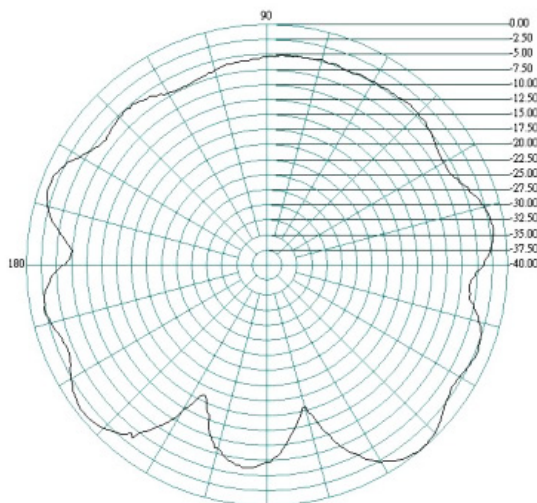
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2G/3G/4G/WiFi and Bluetooth Hinged Antenna

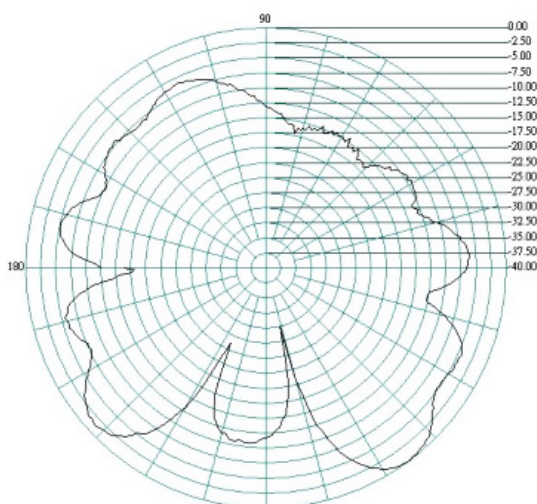
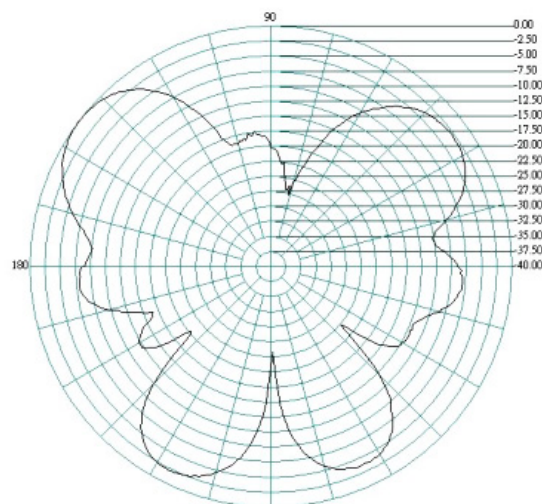
### E Plane 1.9 GHz



### H Plane



### 2.1 GHz





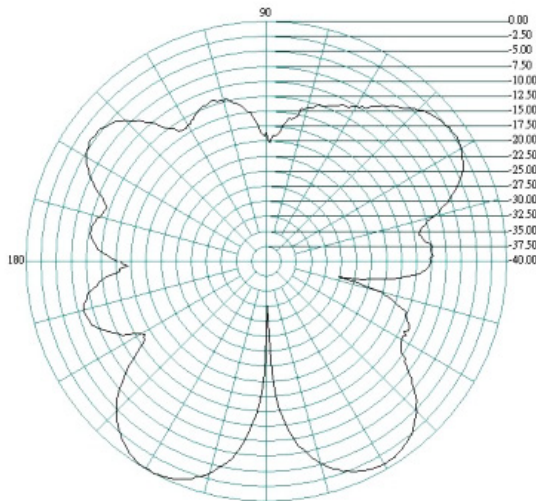


## Delta 26

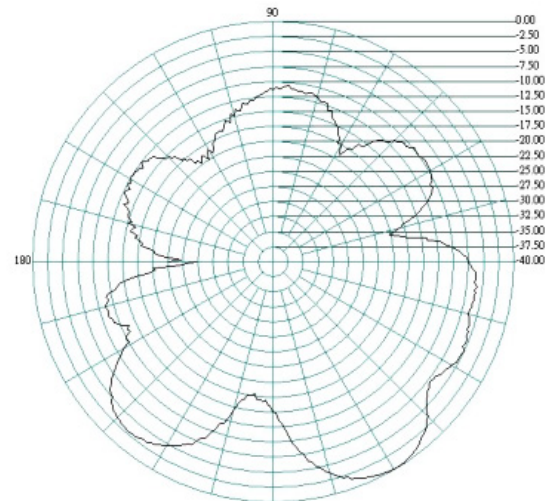
2G/3G/4G/WiFi and Bluetooth Hinged Antenna

### E Plane

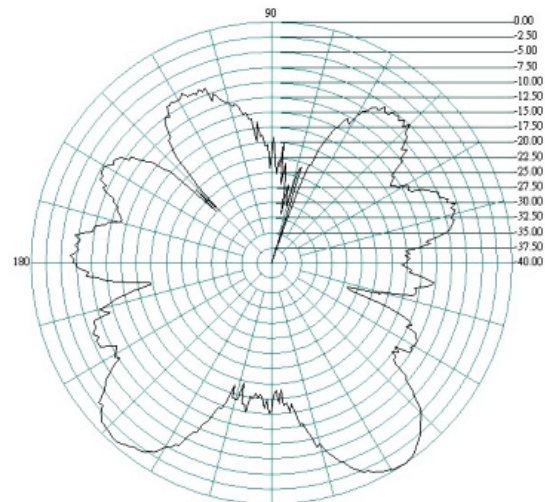
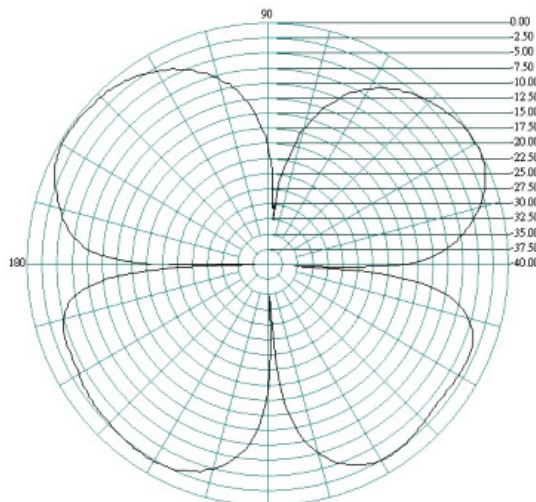
2.2 GHz



### H Plane



2.4 GHz



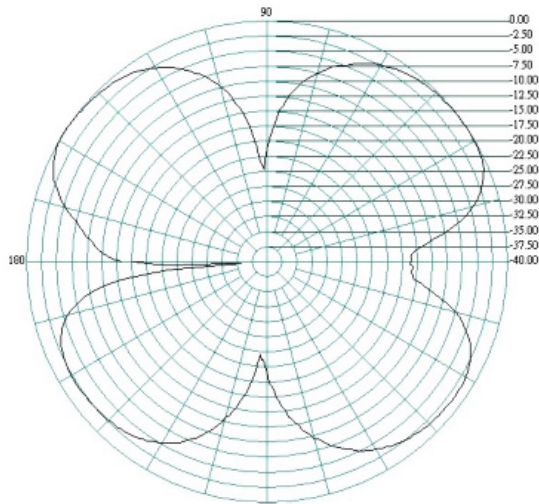


## Delta 26

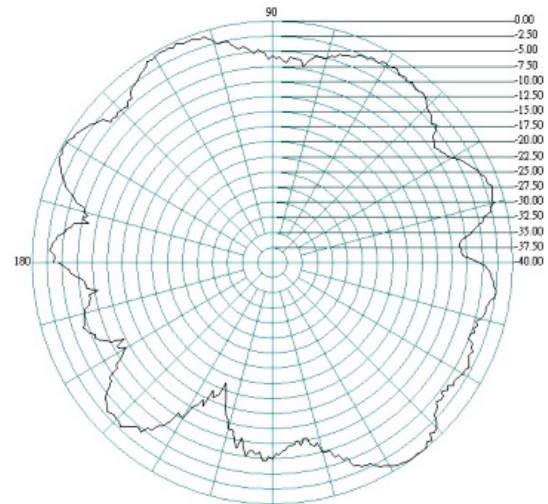
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### E Plane

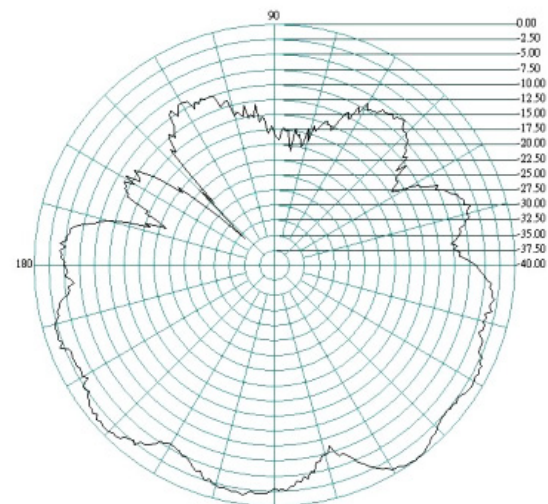
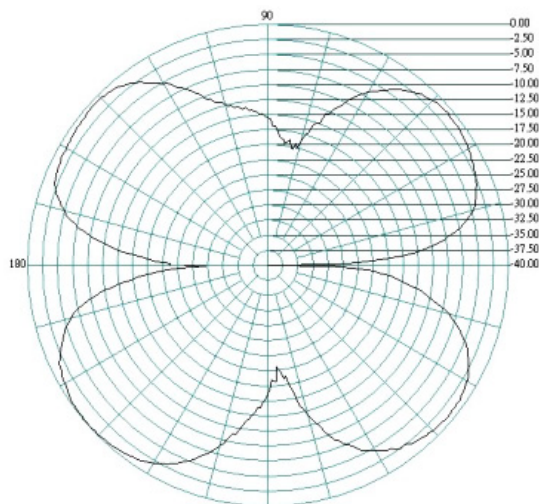
2.5 GHz



### H Plane



2.6 GHz



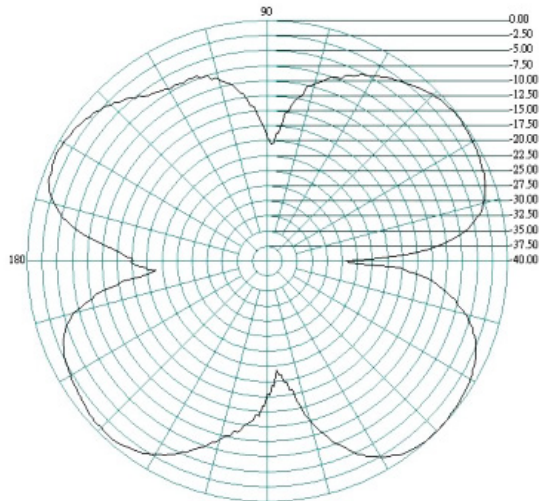


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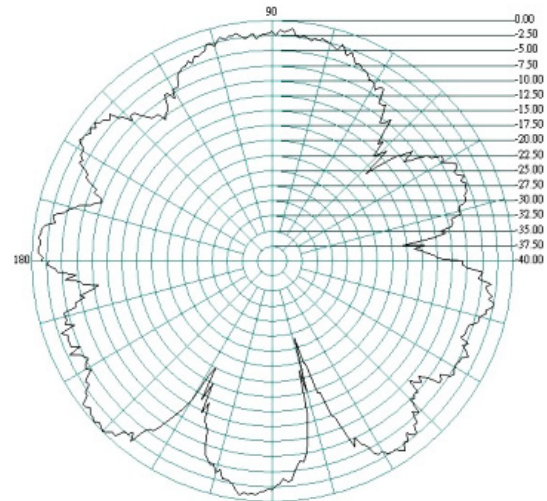
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## E Plane

2.7 GHz



## H Plane



## Ordering Details

| Part Number           | Description  |
|-----------------------|--|
| DELTA26/X/SMAM/S/S/19 | 2G/3G/4G/WiFi and Bluetooth Hinged Antenna, SMA Male |

# Mouser Electronics

Authorized Distributor

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