

Antenna Information

1. Wi-Fi antenna details:

Manufacturers' name and address:

Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China

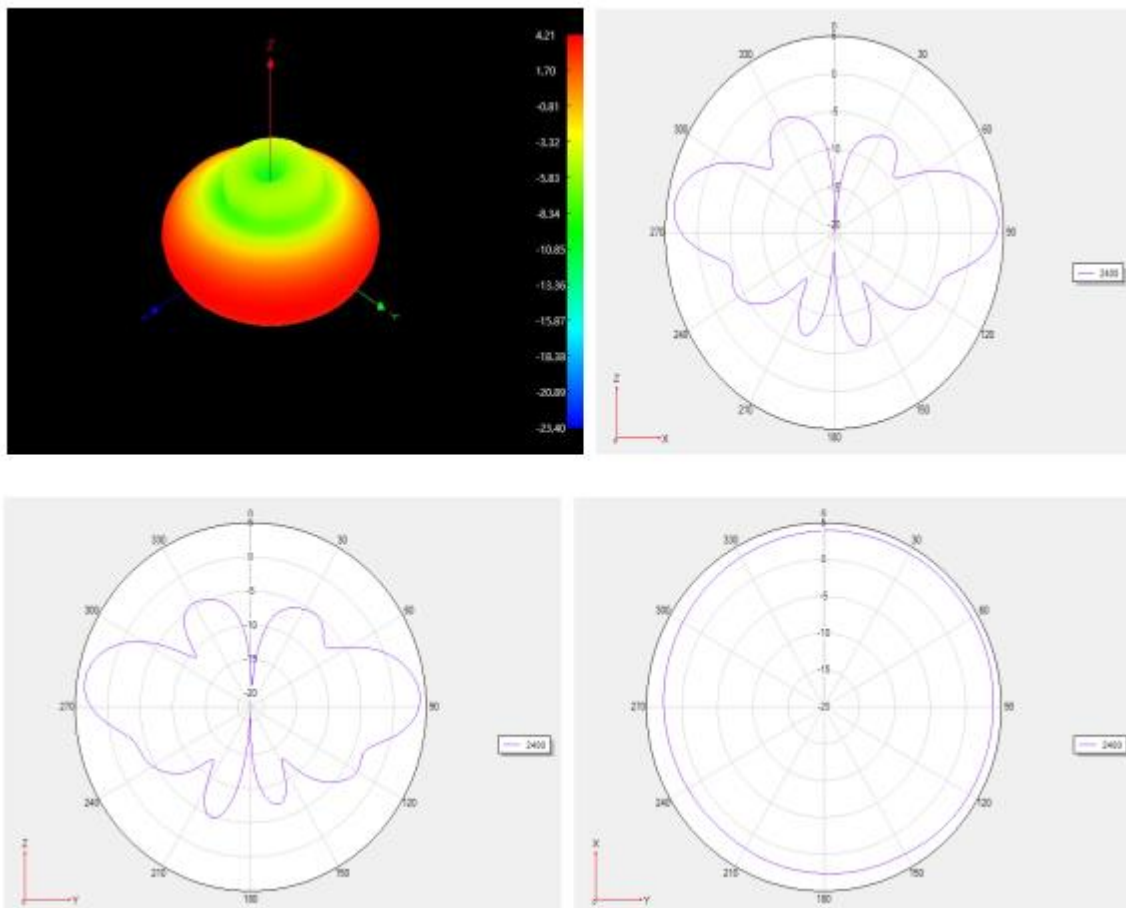
Antenna Type: Dipole

Frequency range:2400-2500MHz & 5150-5850MHz

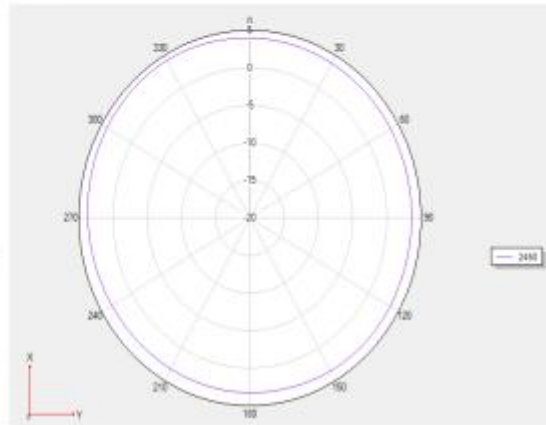
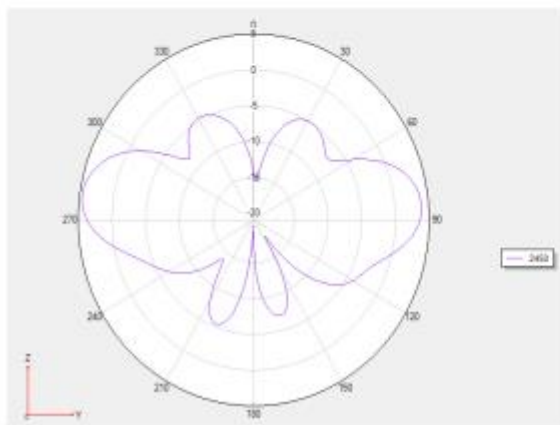
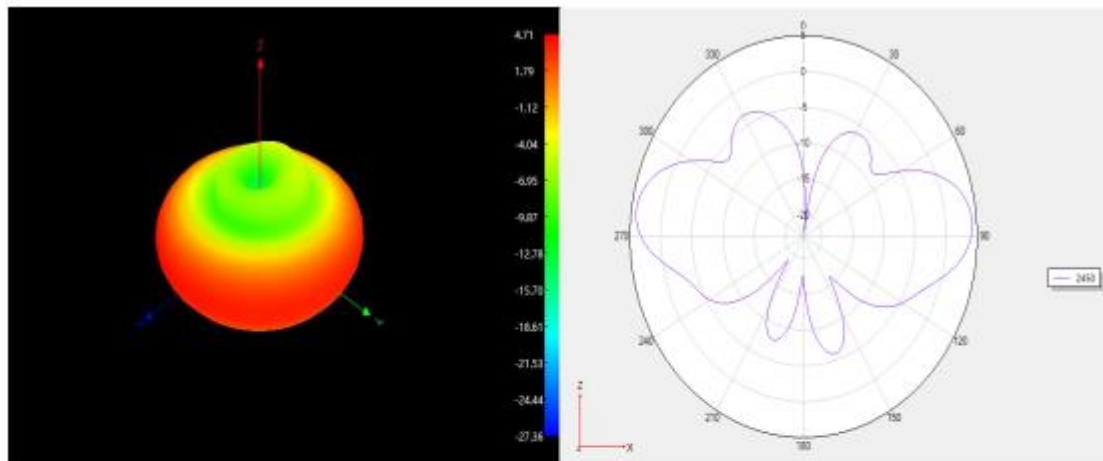
Antenna dimensions: Φ 13 mm x 200 mm

Radiation patterns for Wi Fi antenna:

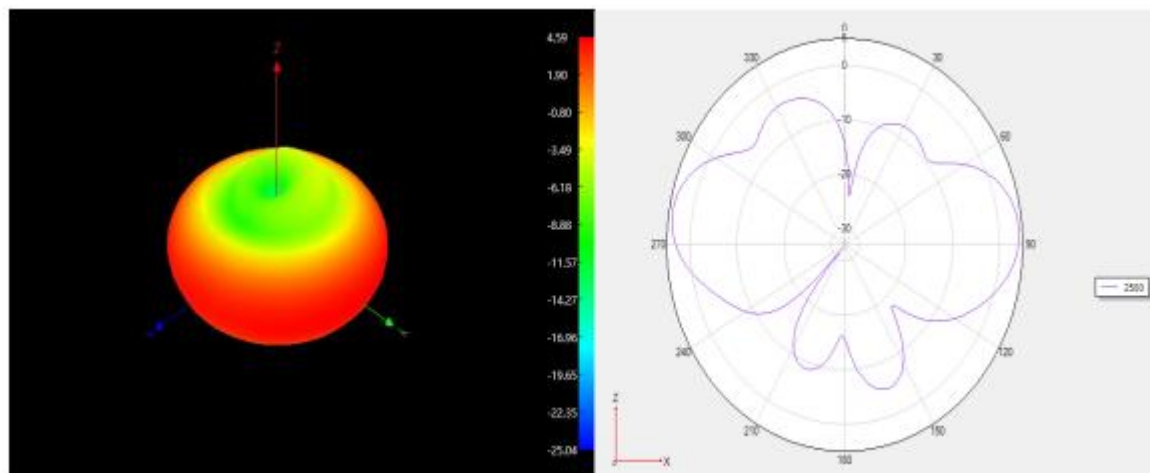
1) 2400MHz

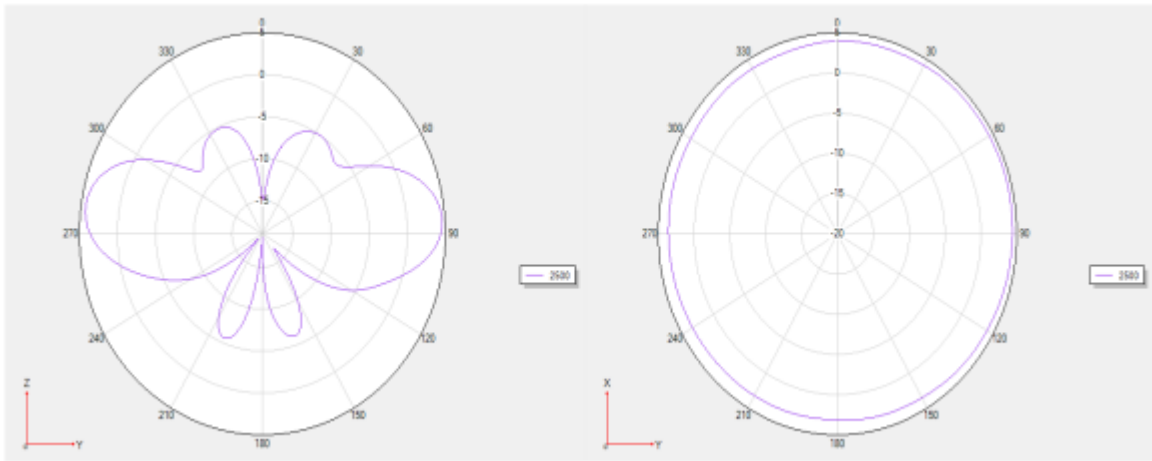


2) 2450MHz

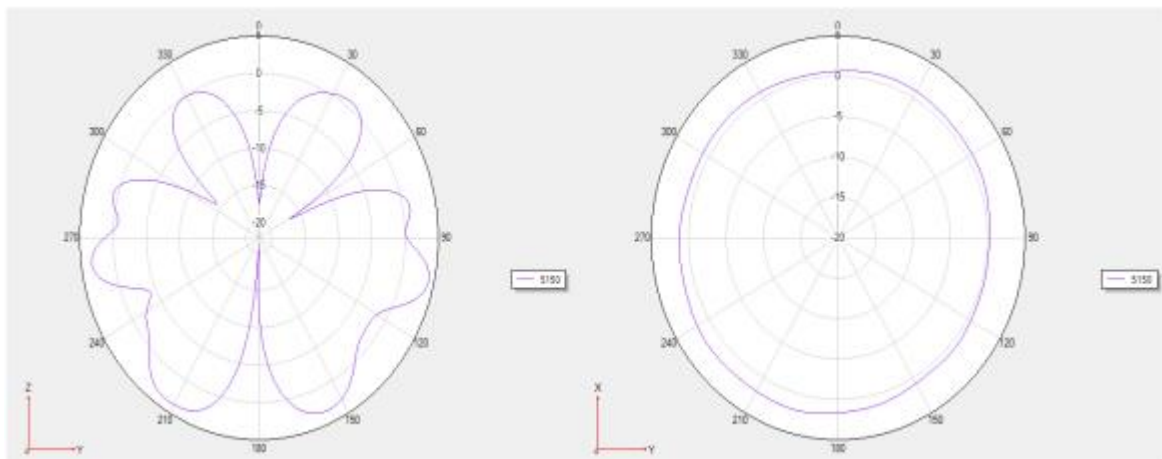
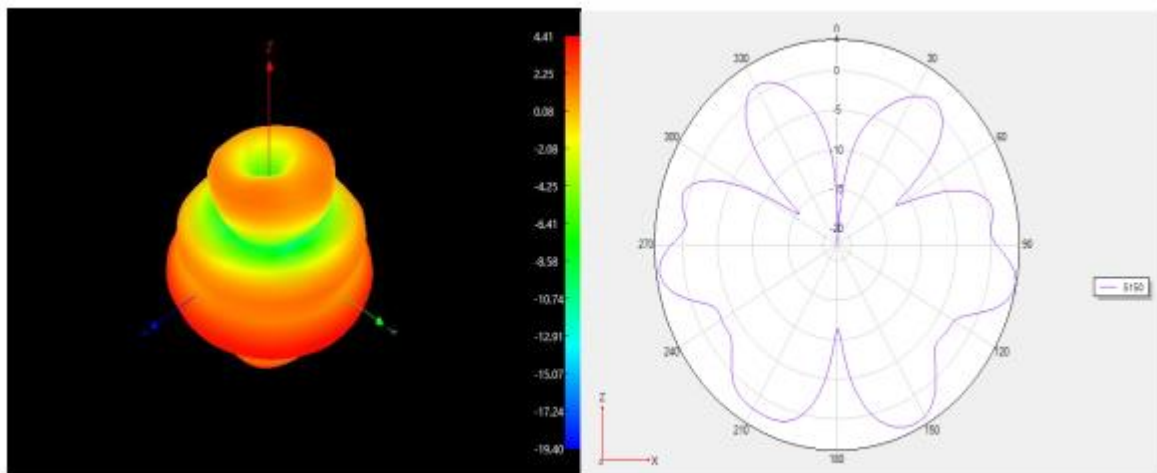


3) 2500MHz

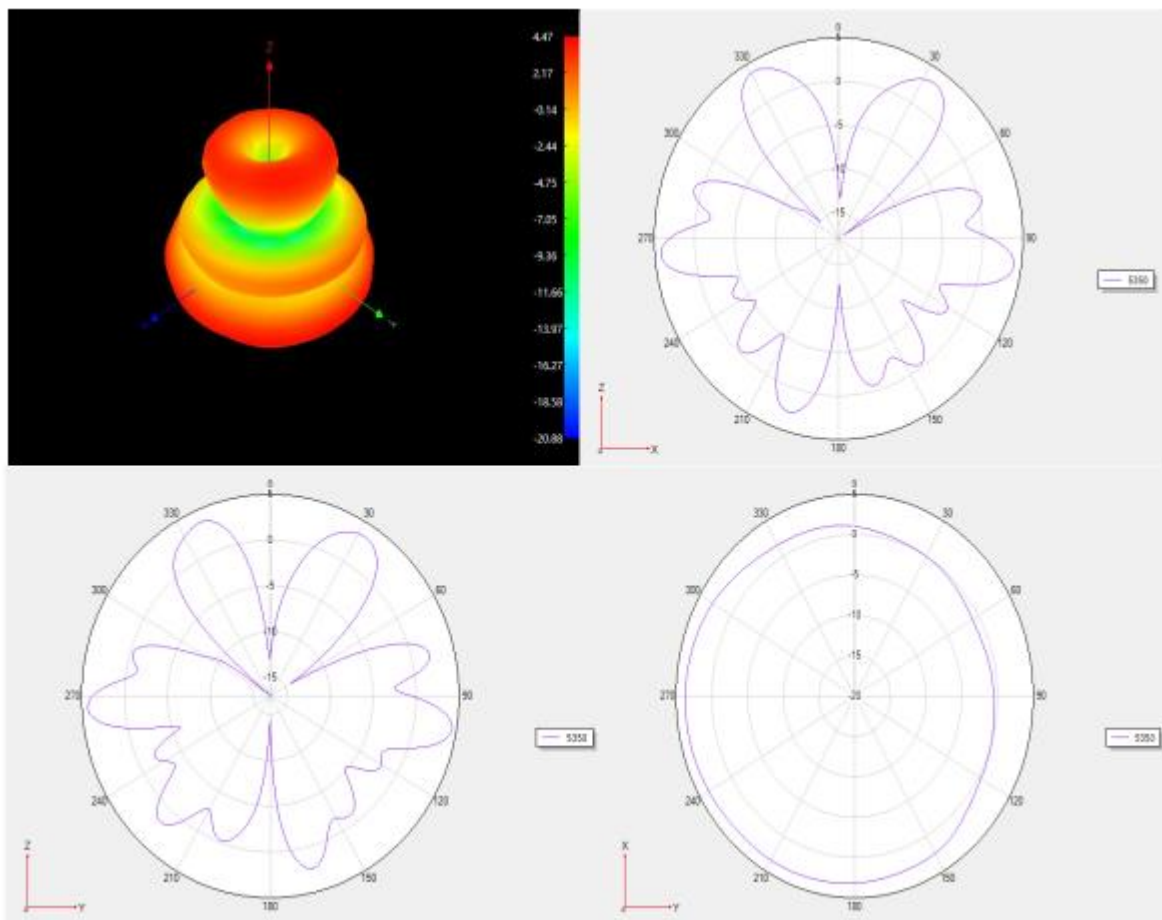




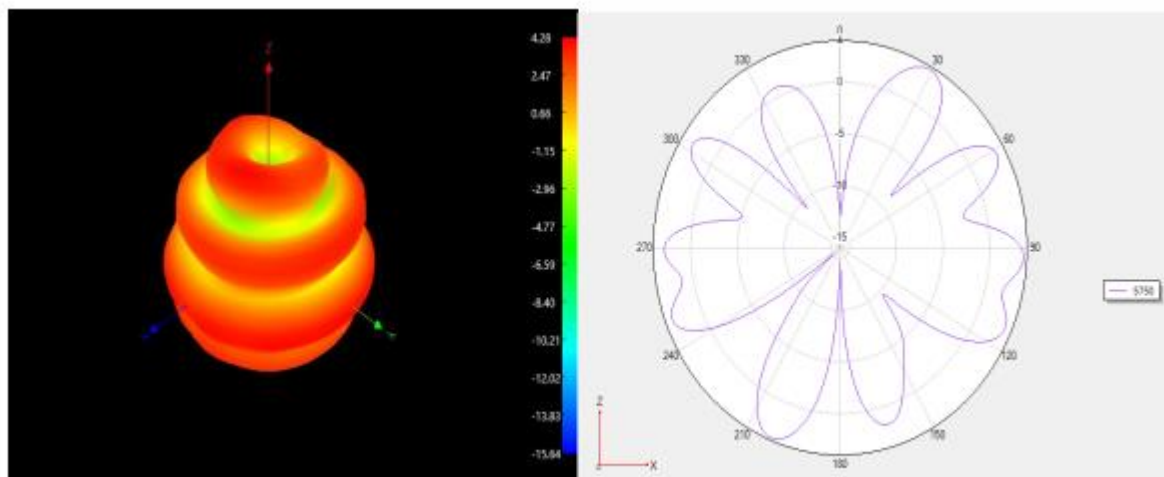
4) 5150MHz

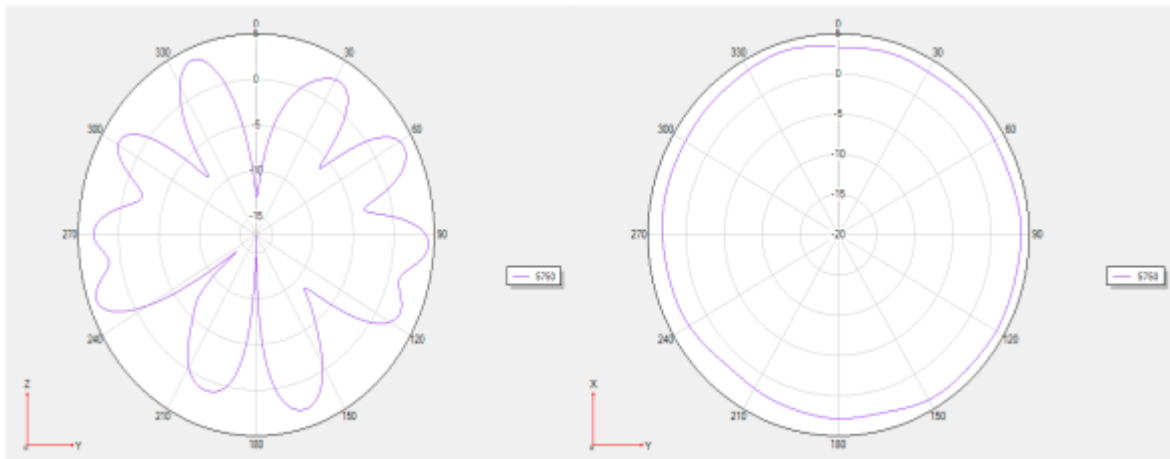


5) 5350MHz

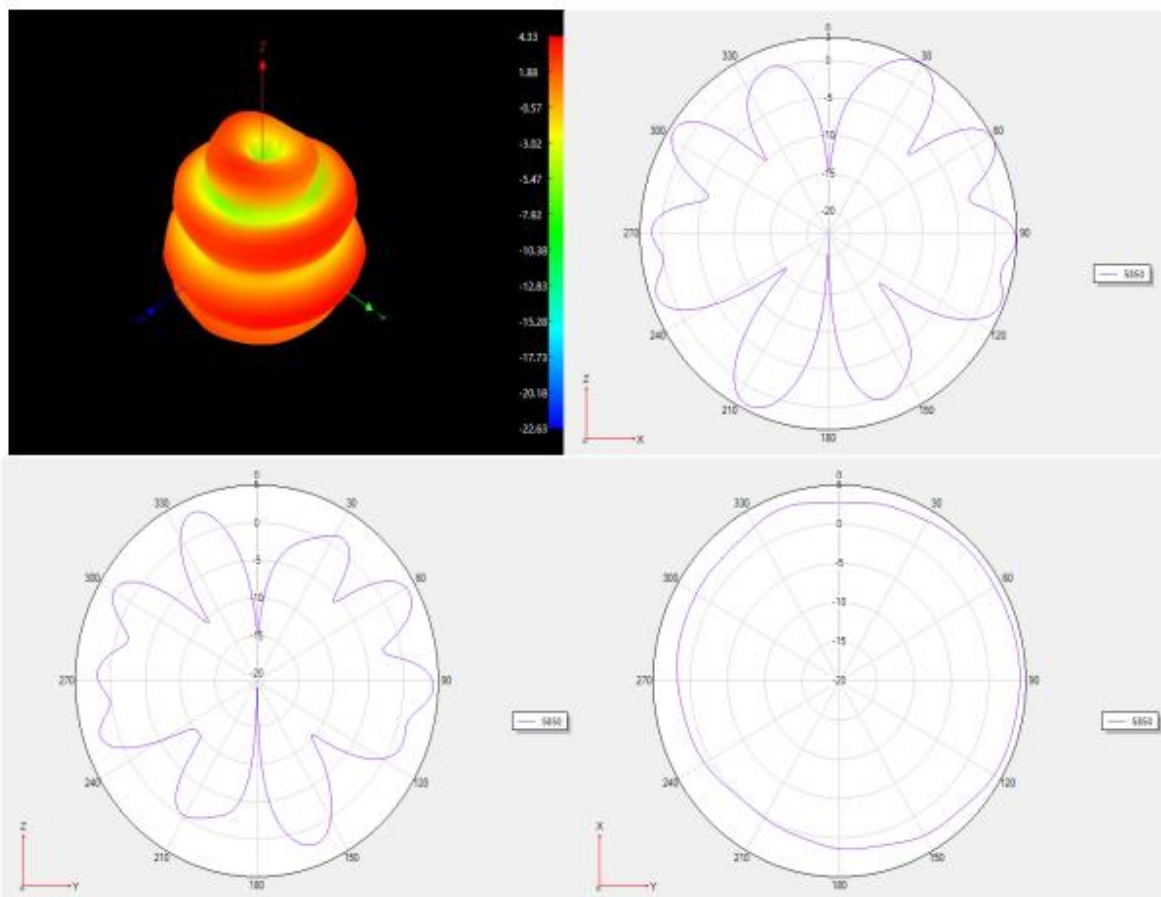


6) 5750MHz





7) 5850MHz



2. Cellular antenna details:

Manufacturers' name and address:

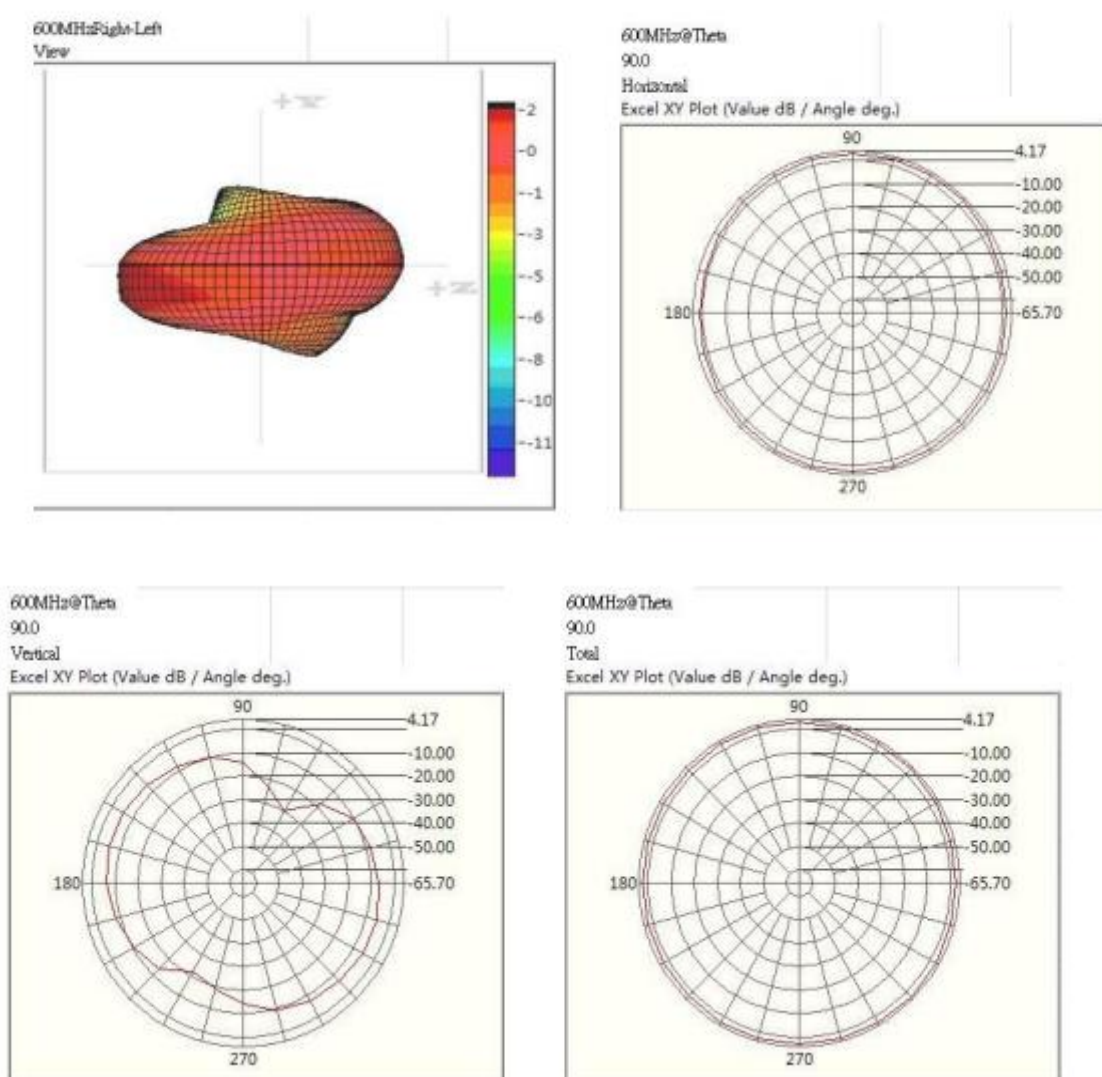
Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China

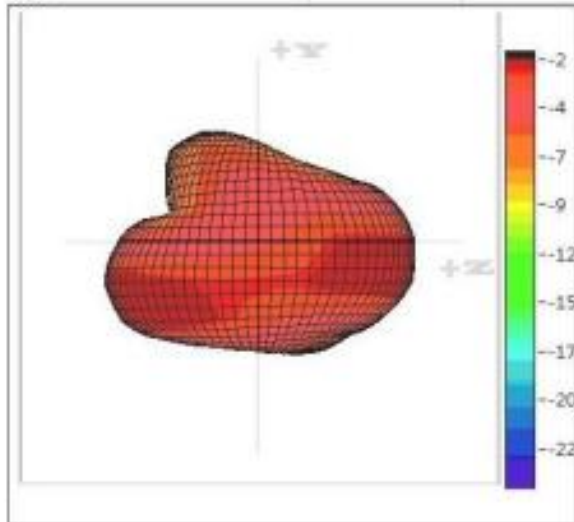
Antenna Type: Dipole

Frequency:600-6000MHz

Antenna dimensions: 221mm x 27.3mm x 13.45mm

Radiation patterns for Cellular antenna:**1) 600MHz****2) 705MHz**

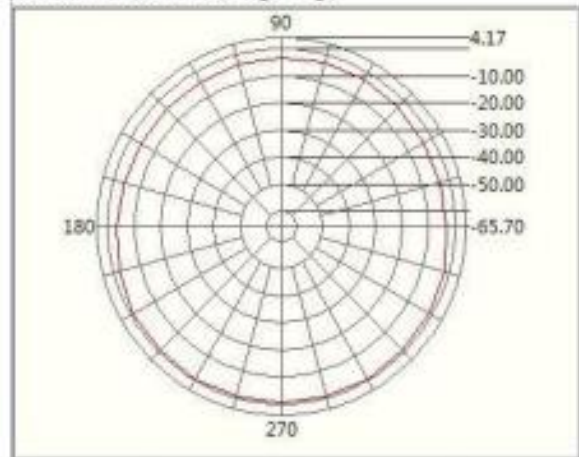
705MHzRight-Left
View



705MHz@Theta
90.0

Horizontal

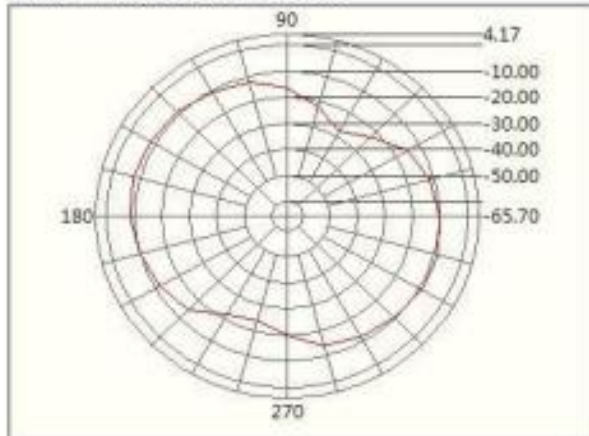
Excel XY Plot (Value dB / Angle deg.)



705MHz@Theta
90.0

Vertical

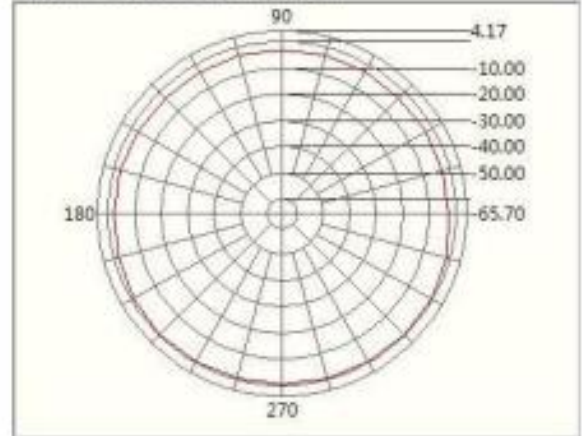
Excel XY Plot (Value dB / Angle deg.)



705MHz@Theta
90.0

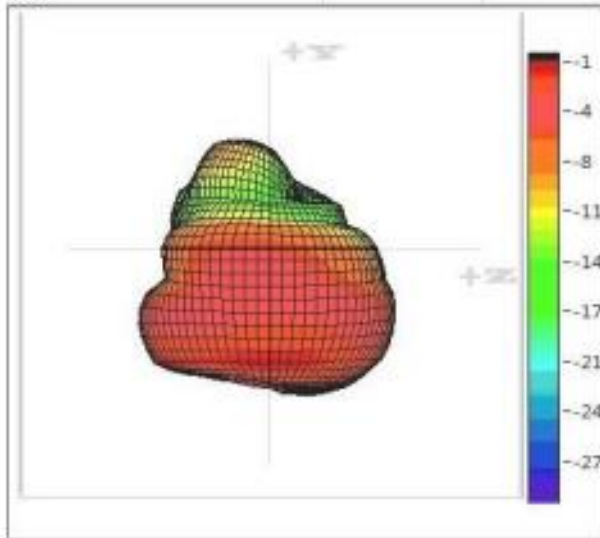
Total

Excel XY Plot (Value dB / Angle deg.)

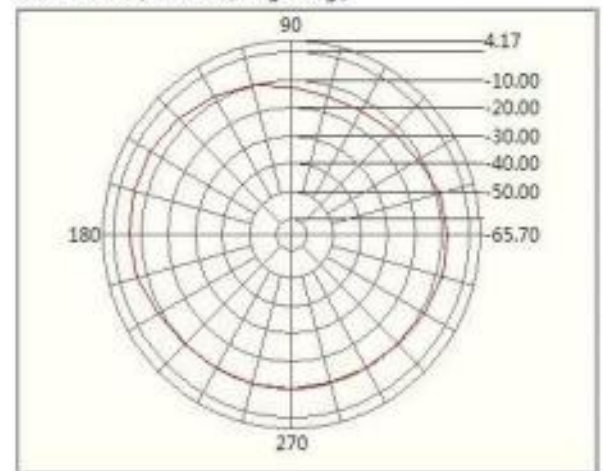


3) 825MHz

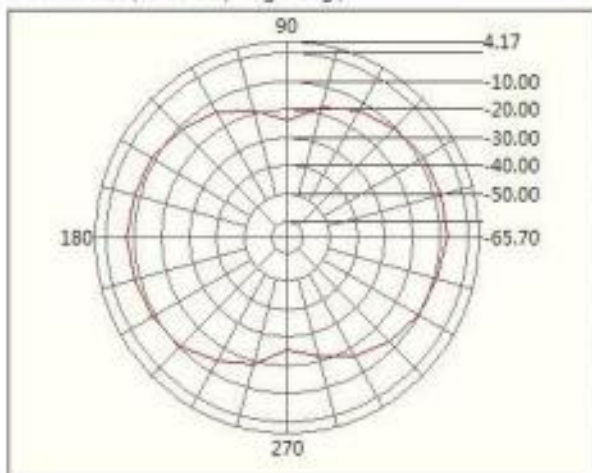
960MHzRight-Left
View



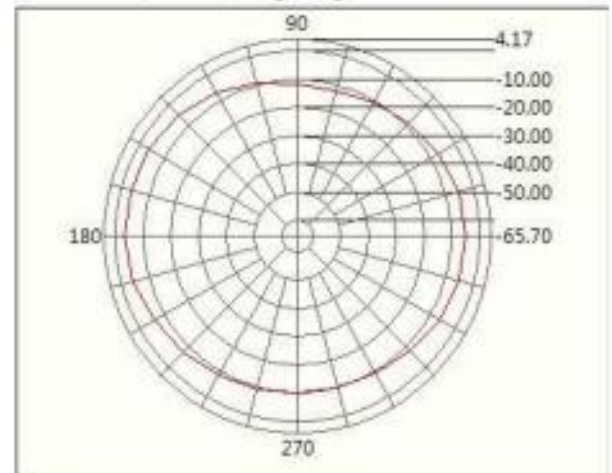
960MHz@Theta
90.0
Horizontal
Excel XY Plot (Value dB / Angle deg.)



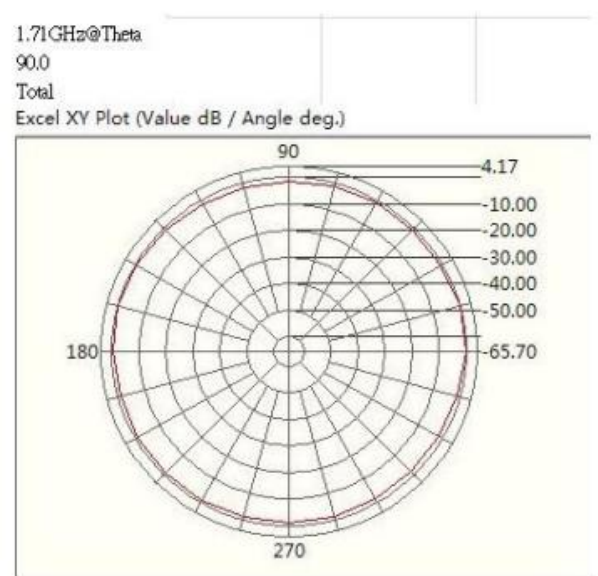
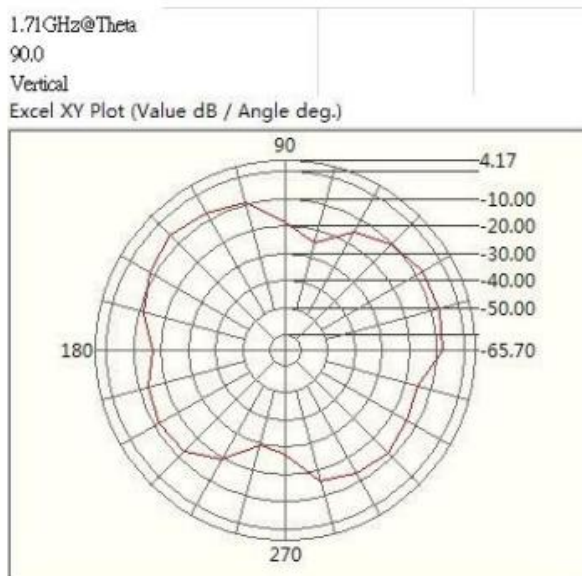
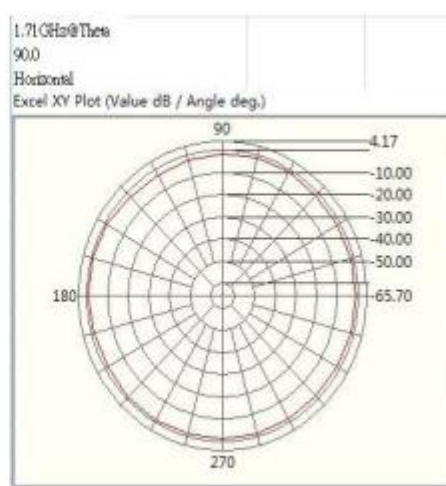
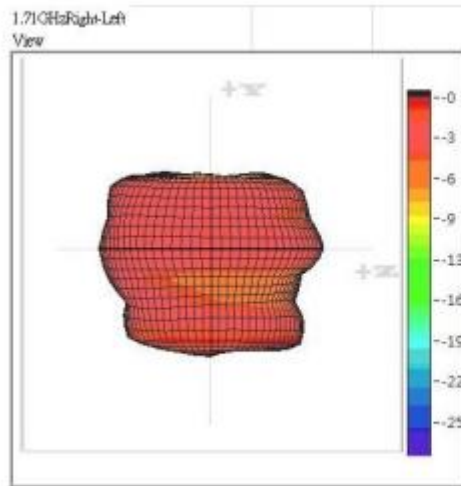
960MHz@Theta
90.0
Vertical
Excel XY Plot (Value dB / Angle deg.)



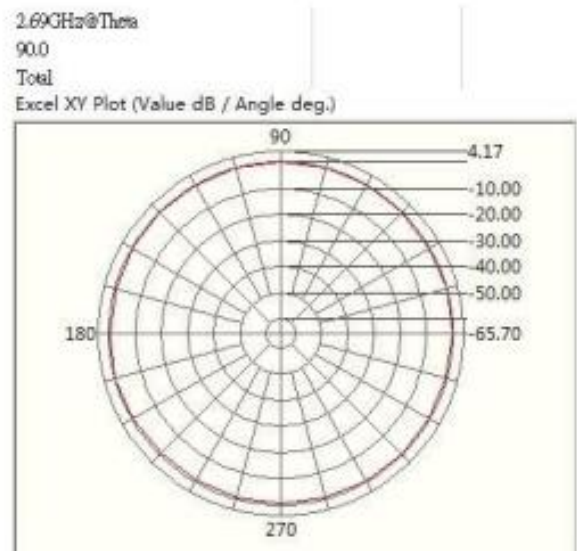
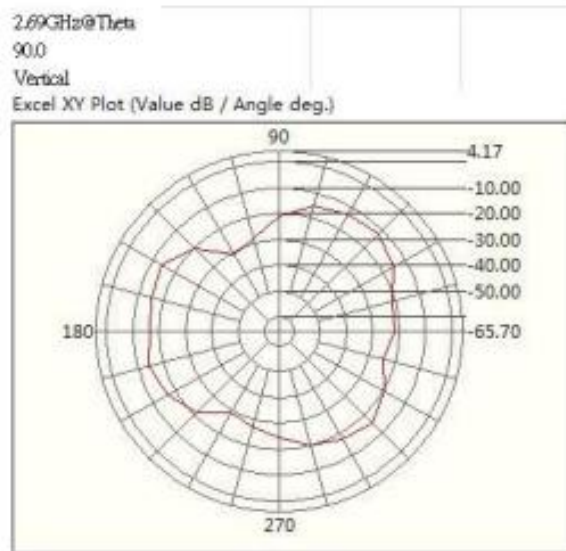
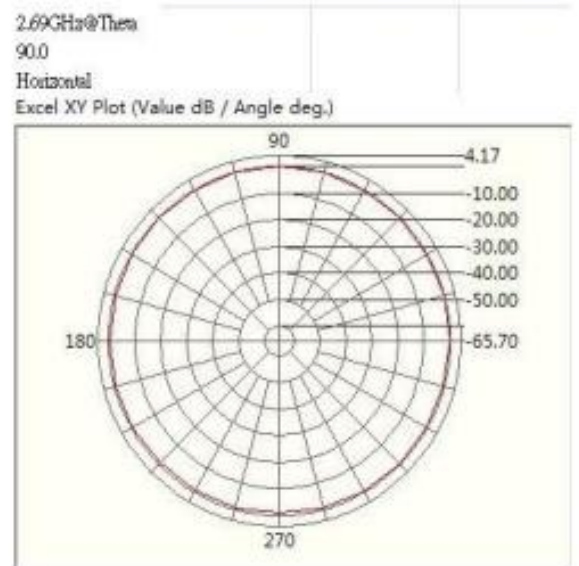
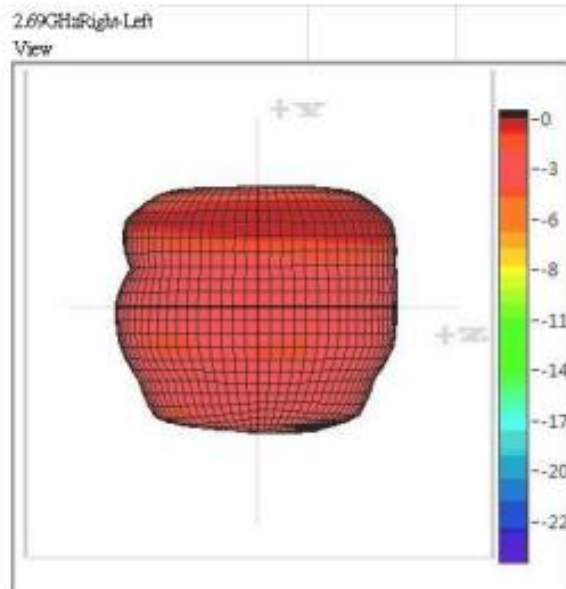
960MHz@Theta
90.0
Total
Excel XY Plot (Value dB / Angle deg.)



4) 1.71GHz

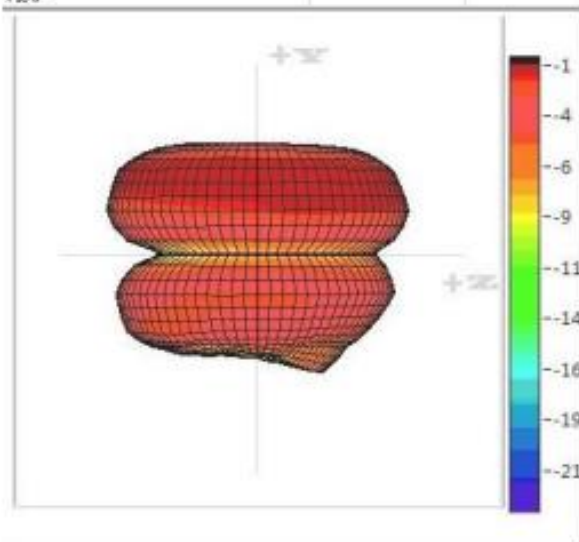


5) 2.69GHz



6) 3.4GHz

3.4GHz@Right-Left
View

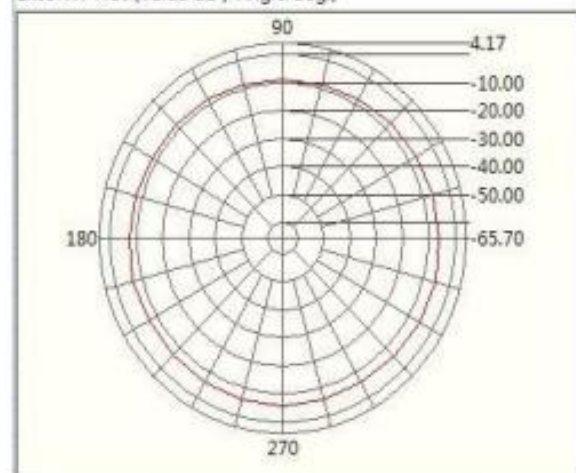


3.4GHz@Theta

90.0

Horizontal

Excel XY Plot (Value dB / Angle deg.)

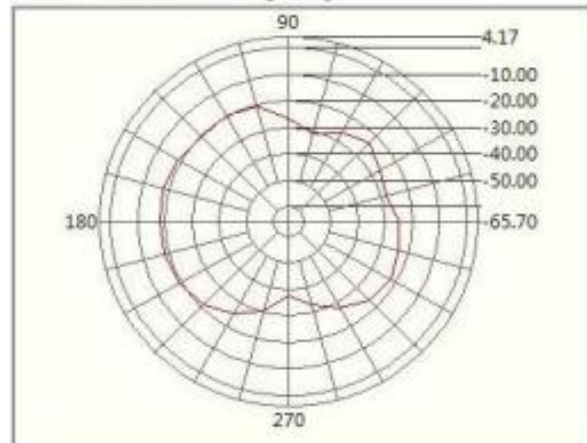


3.4GHz@Theta

90.0

Vertical

Excel XY Plot (Value dB / Angle deg.)

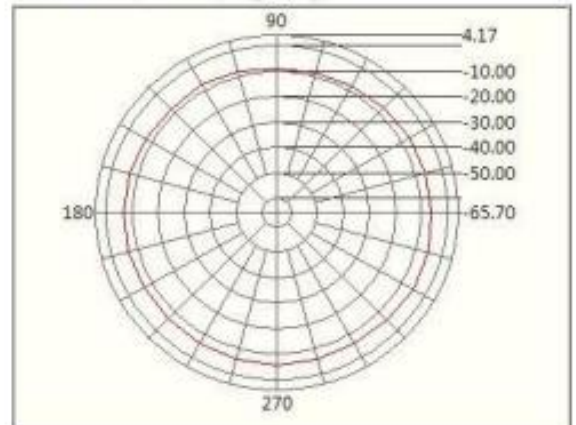


3.4GHz@Theta

90.0

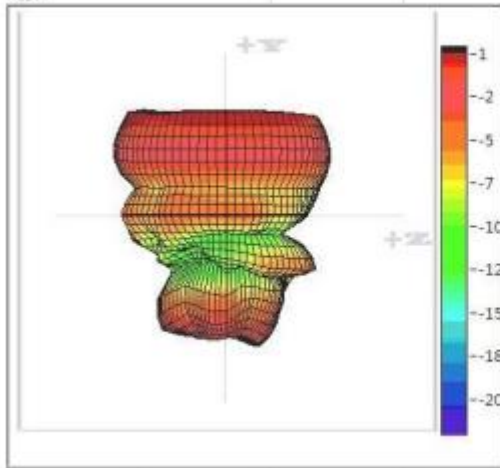
Total

Excel XY Plot (Value dB / Angle deg.)



7) 4.8GHz

4.8GHzRight-Left
View

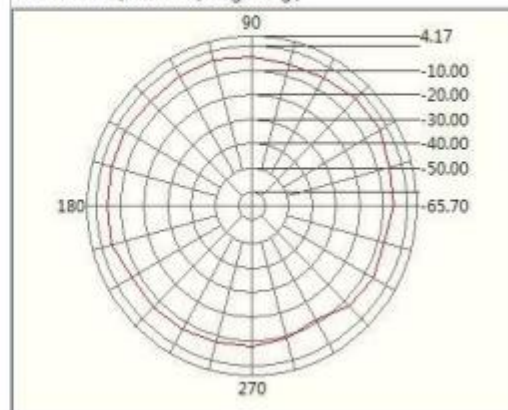


4.8GHz@Theta

90.0

Horizontal

Excel XY Plot (Value dB / Angle deg.)

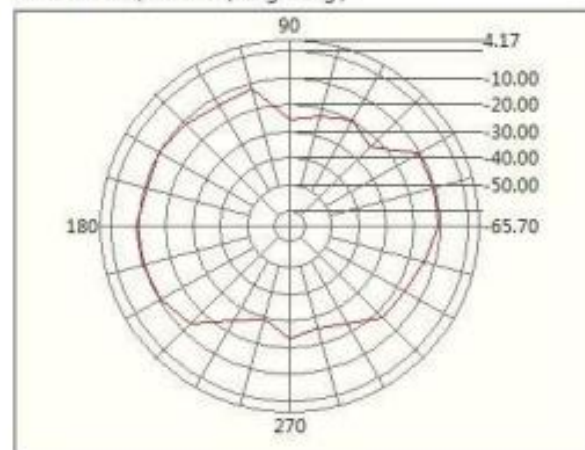


4.8GHz@Theta

90.0

Vertical

Excel XY Plot (Value dB / Angle deg.)

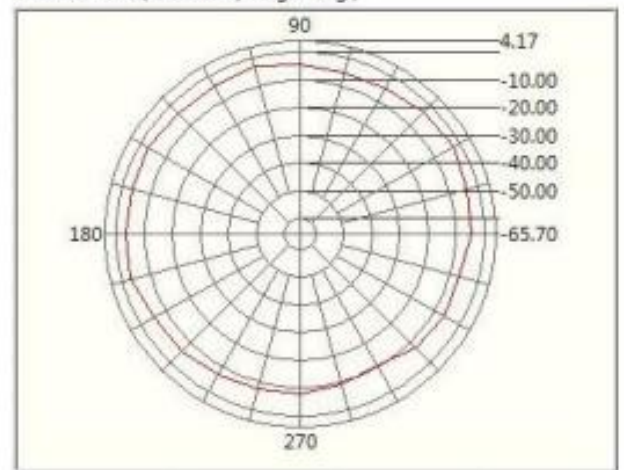


4.8GHz@Theta

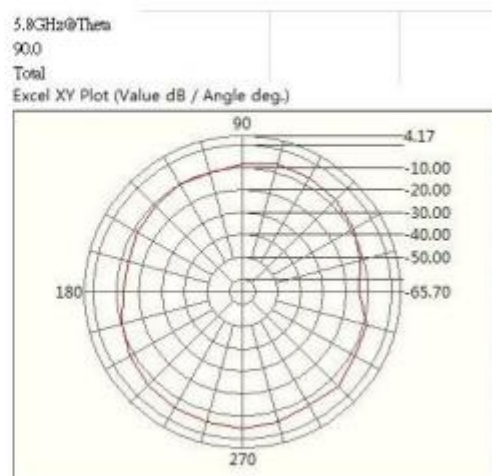
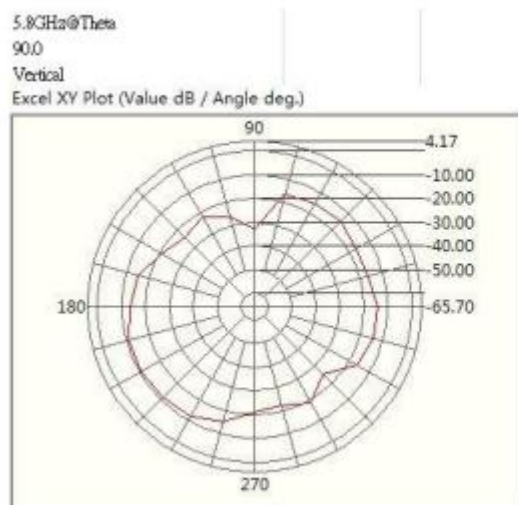
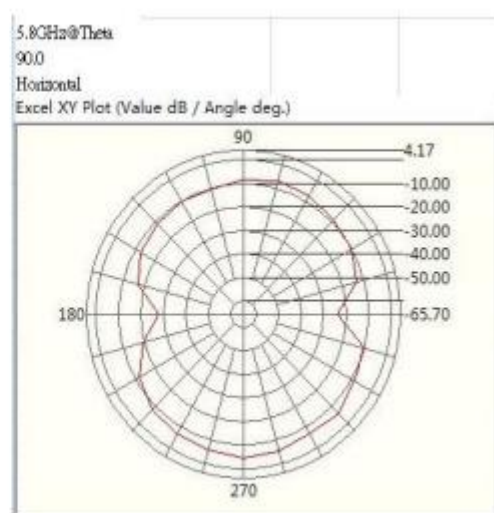
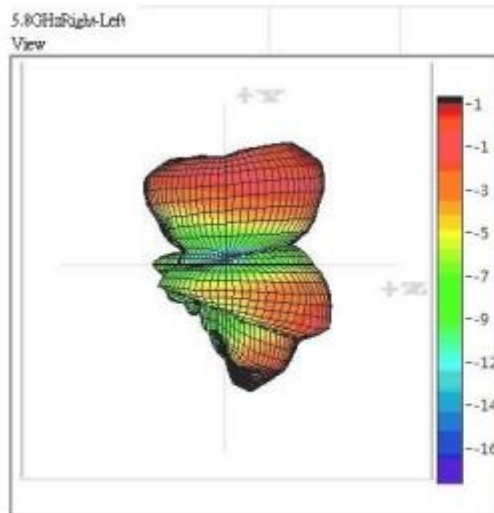
90.0

Total

Excel XY Plot (Value dB / Angle deg.)



8) 5.8GHz



3. GPS antenna details:

Manufacturers' name and address:

Eteily Technologies India private limited

B28, Vidya Nagar, Bhopal, 462026 Madhya Pradesh, India

Antenna Type: Magnetic

Antenna gain: 28dB

Frequency: 1575.42MHz

Antenna dimensions: 49x 39mm