



# BBT ANTENNAS INC

Part NO.: BBT-5158PM32V09

Type :Dish Antenna

### Application:

- ★WLAN, WIFI, WIMAX point to point system
- ★Long distance communication
- ★Wireless bridge
- ★Support data, picture, sound wireless transmission

### Features:

- ★High gain, low VSWR, good performance
- ★Anti-UV and anti-aging coating, strong anticorrosion and wind resistance

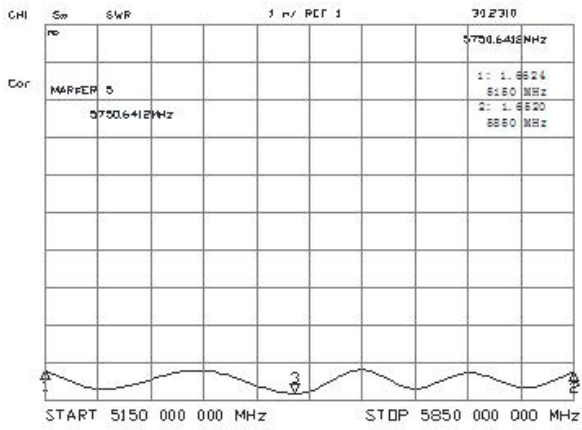


### Specifications:

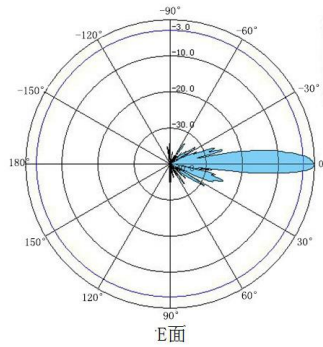
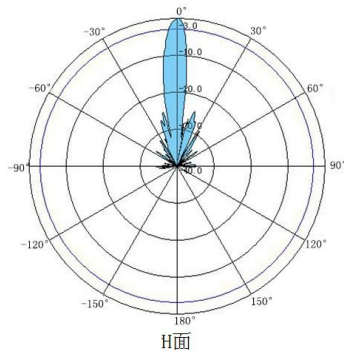
| Electrical                 |                 |
|----------------------------|-----------------|
| Part Number                | BBT-5158PM32V09 |
| Frequency Range            | 5150-5850MHz    |
| Polarization Type          | Vertical        |
| Gain                       | 32dBi           |
| 3dB Beam-Width. H-Plan     | 3.8°            |
| 3dB Beam-Width. E-Plan     | 3.8°            |
| VSWR                       | ≤1.7            |
| Front to Back Ratio(dB)    | ≥40dB           |
| Input Impedance            | 50Ω             |
| Max Input Power.           | 100W            |
| Lightning Protection       | DC Grounded     |
| Mechanical                 |                 |
| Connector Type             | N-Type Female   |
| Dimensions H*W*D (mm)      | Φ900 (mm)       |
| Radome Material            | Aluminium alloy |
| Radome color               | gray            |
| Operating Temperature Rang | -40°C/+60°C     |

|                       |                              |
|-----------------------|------------------------------|
| Support Pole Diameter | $\phi 30-\phi 60(\text{mm})$ |
| Rated Wind Velocity   | 60m/s                        |

VSWR:



Radiation Pattern:



**BBT ANTENNAS INC**

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