



# BBT ANTENNAS INC

Part NO.: BBT-0638SA0912D080-N2

Type :Panel Antenna

Application:

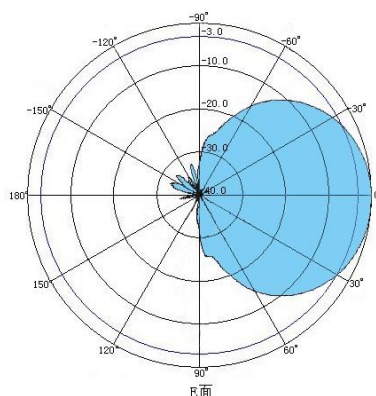
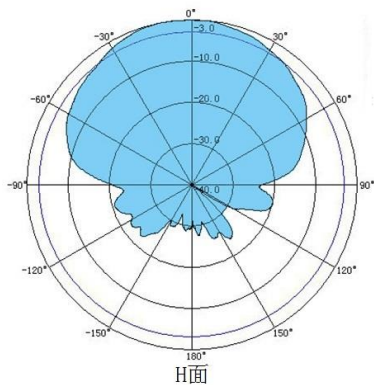


## Specifications:

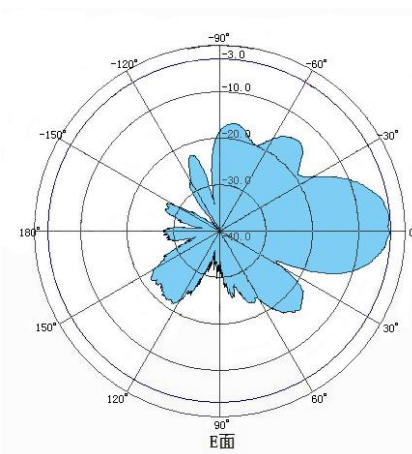
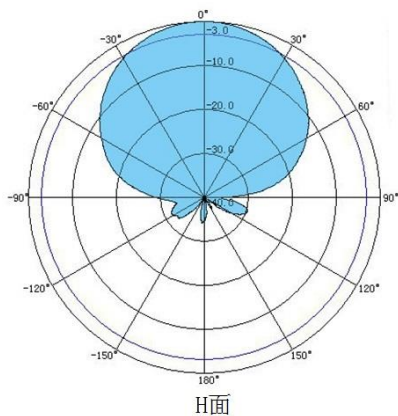
| Electrical                 |                            |                         |                         |
|----------------------------|----------------------------|-------------------------|-------------------------|
| Part Number                | BBT-0638SA0912D080-N2      |                         |                         |
| Frequency Range            | 618-960MHz                 | 1700-2700MHz            | 3300-3800MHz            |
| Polarization Type          | $\pm 45^\circ$             |                         |                         |
| Gain                       | $9 \pm 1$ dBi              | 11dBi                   | 12dBi                   |
| 3dB Beam-Width. H-Plan     | $80^\circ \pm 10^\circ$    | $65^\circ \pm 10^\circ$ | $55^\circ \pm 10^\circ$ |
| 3dB Beam-Width. E-Plan     | $50^\circ \pm 10^\circ$    | $25^\circ \pm 10^\circ$ | $16^\circ \pm 10^\circ$ |
| VSWR                       | $\leq 2.0$                 | $\leq 2.0$              | $\leq 2.0$              |
| Front to back Ratio        | $\geq 20$ dB               | $\geq 20$ dB            | $\geq 20$ dB            |
| Input Impedance            | 50 $\Omega$                |                         |                         |
| Max Input Power.           | 100W                       |                         |                         |
| Lightning Protection       | DC Grounded                |                         |                         |
| Mechanical                 |                            |                         |                         |
| Connector Type             | 2*N- Female                |                         |                         |
| Dimensions H*W*D (mm)      | 550*280*130 (mm)           |                         |                         |
| Radome Material            | PVC                        |                         |                         |
| Radome color               | Gray                       |                         |                         |
| Operating Temperature Rang | -40°C/+60°C                |                         |                         |
| Support Pole Diameter      | $\phi 35$ - $\phi 50$ (mm) |                         |                         |
| Rated Wind Velocity        | 60m/s                      |                         |                         |

# Radiation Pattern:

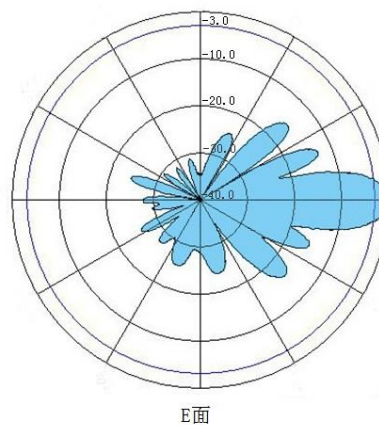
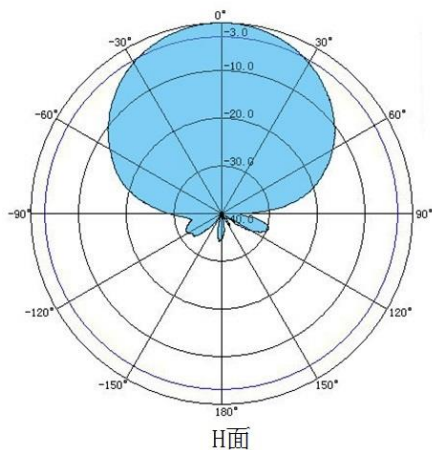
618-960MHz



1710-2700MHz



3300-3800MHz



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