



**20 dBi Gain, 49.8-75.8 GHz, WR15 Standard Gain Horn with UG385/U Flange**

Rev 2

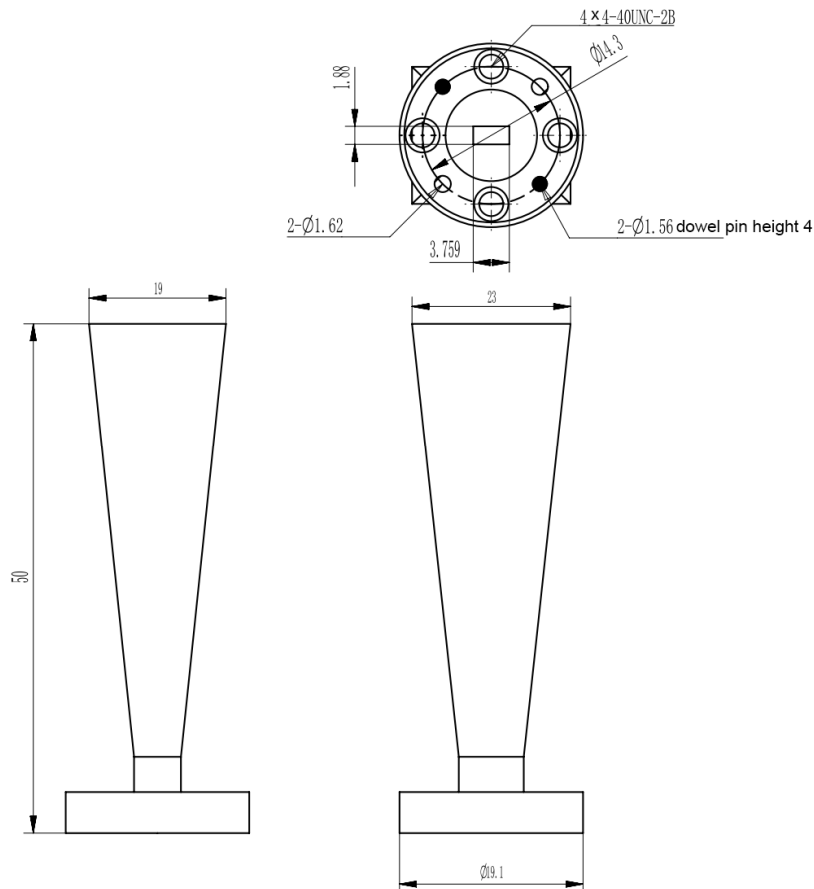
**Electrical**

|                       |  |
|-----------------------|--|
| Frequency Range       | 49.8-75.8 GHz                                  |
| Norminal Gain         | 20 dBi   |
| Polarization          | Linear   |
| VSWR                  | 1.2 max  |
| 3dB Beamwidth         | E-Plane: 12.6~17.8 deg, H-Plane: 12.8~19.4 deg |
| Operating Temperature | -40°C~+70°C                                    |

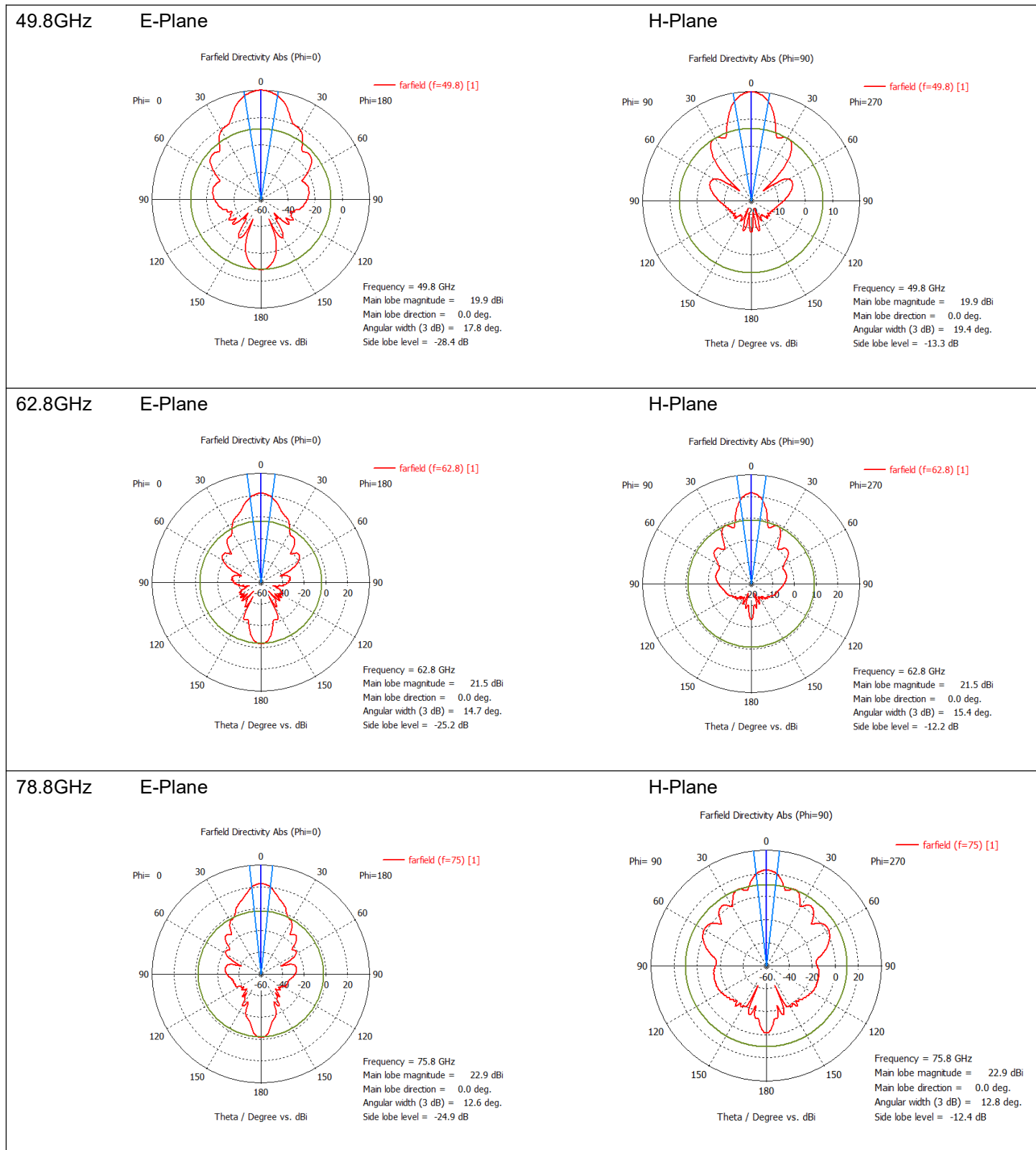
**Mechanical**

|                          |                                    |
|--------------------------|------------------------------------|
| Waveguide Size           | WR15                               |
| Flange Type              | UG385/U Round Cover Flange         |
| Body Material and Finish | Copper, painting over gold plating |

**Dimensions(mm)**



# Simulated Antenna Patterns



# Typical VSWR

