

**10 dBi Gain, 60.5-91.9 GHz, WR12 Standard Gain Horn with 1.0mm Female Port**

Rev 1

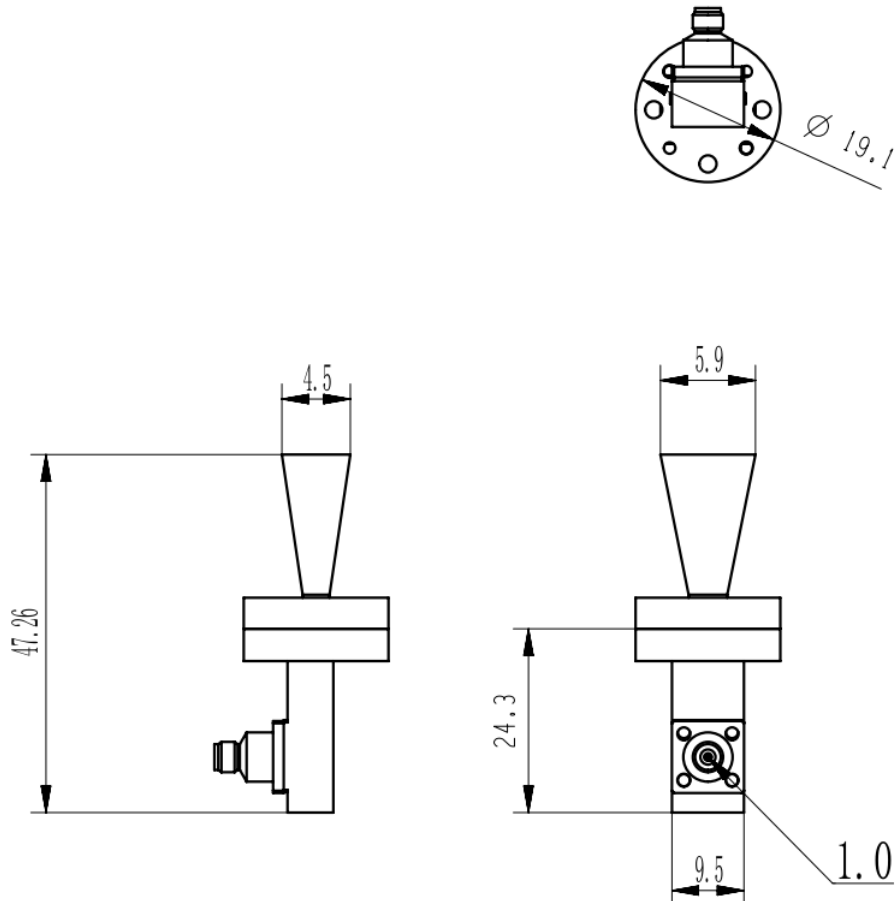
**Electrical**

|                       |  |
|-----------------------|--|
| Frequency Range       | 60.5-91.9 GHz                                |
| Norminal Gain         | 10 dBi                                       |
| Polarization          | Linear                                       |
| VSWR                  | 1.5 max                                      |
| 3dB Beamwidth         | H-Plane: 41.6~58 deg, E-Plane: 38.3~59.6 deg |
| Operating Temperature | -40°C~+70°C                                  |

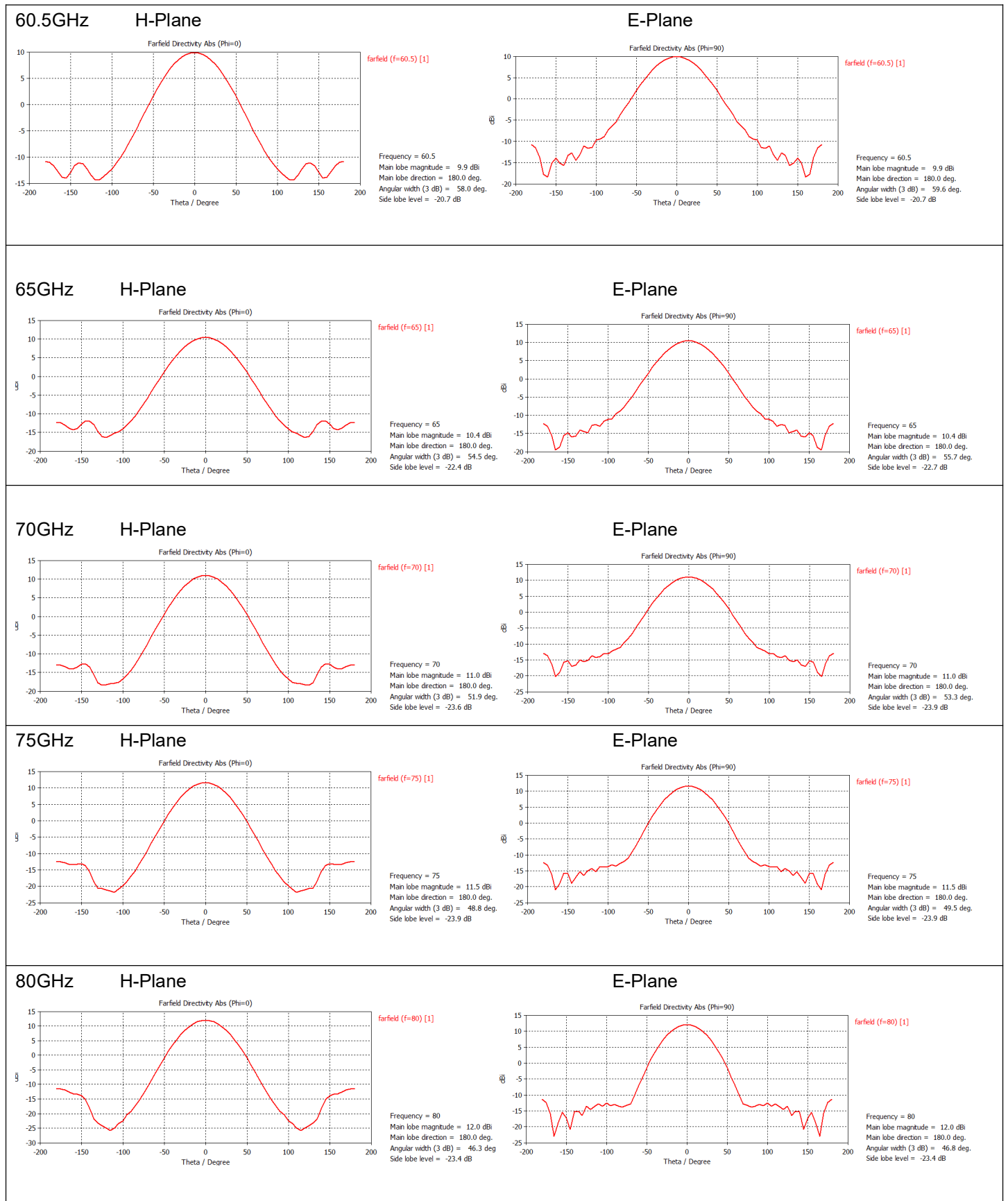
**Mechanical**

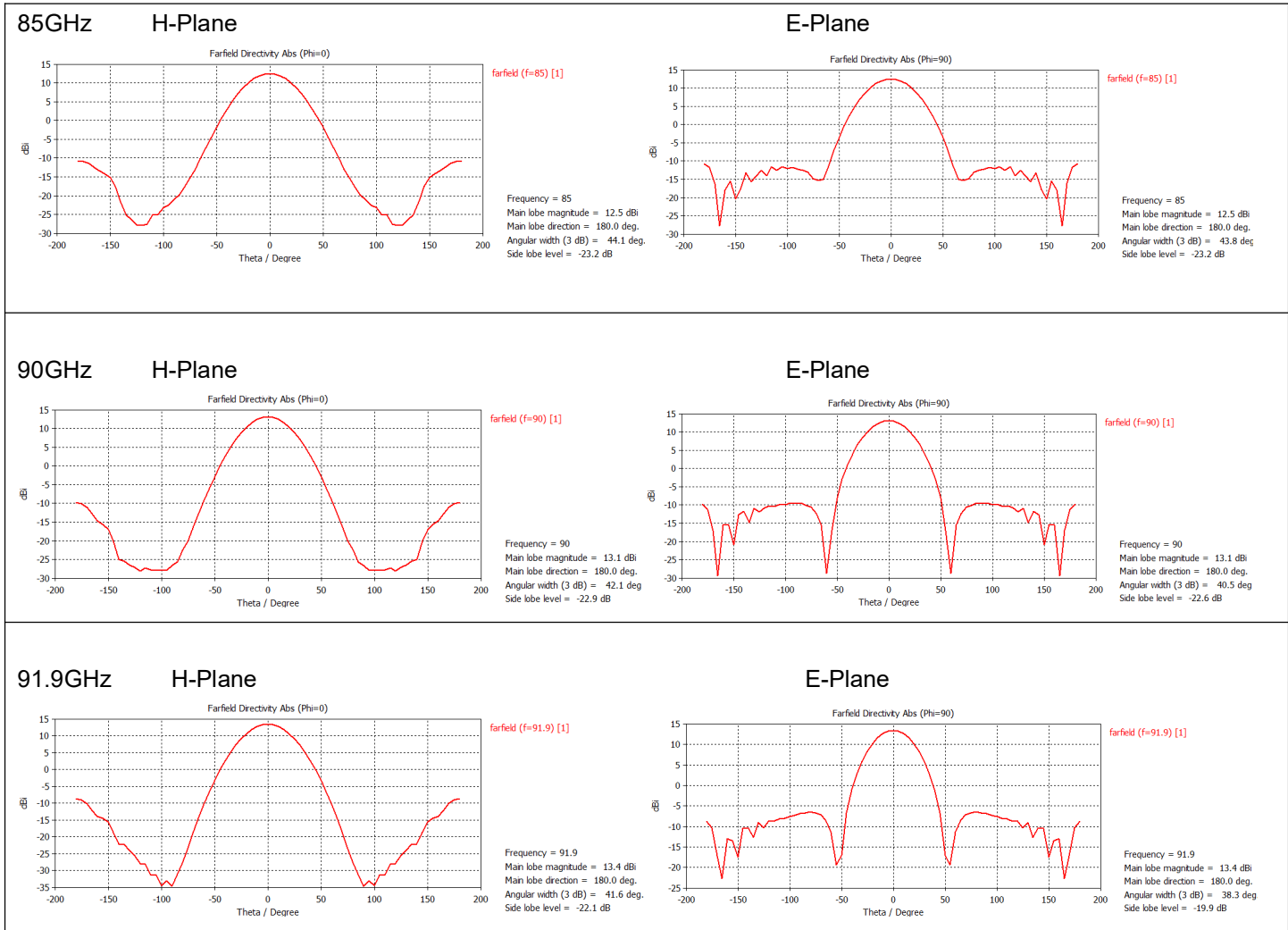
|                          |                                |
|--------------------------|--------------------------------|
| Waveguide Size           | WR12                           |
| Flange Type              | UG387/U-Mod Round Cover Flange |
| Body Material and Finish | Copper, Gold Plated            |
| RF Connector             | 1.0mm Female                   |

**Dimensions(mm)**



# Simulated Antenna Patterns





### Typical Gain

