

Part No. WGAT-49.8-75.8-25-01

49.8-75.8GHz 25dBi WR15 Gain Horn Antenna/1.85mm(F)

Features:

- Small Size
- Lightweight
- High Gain



Electrical Specification

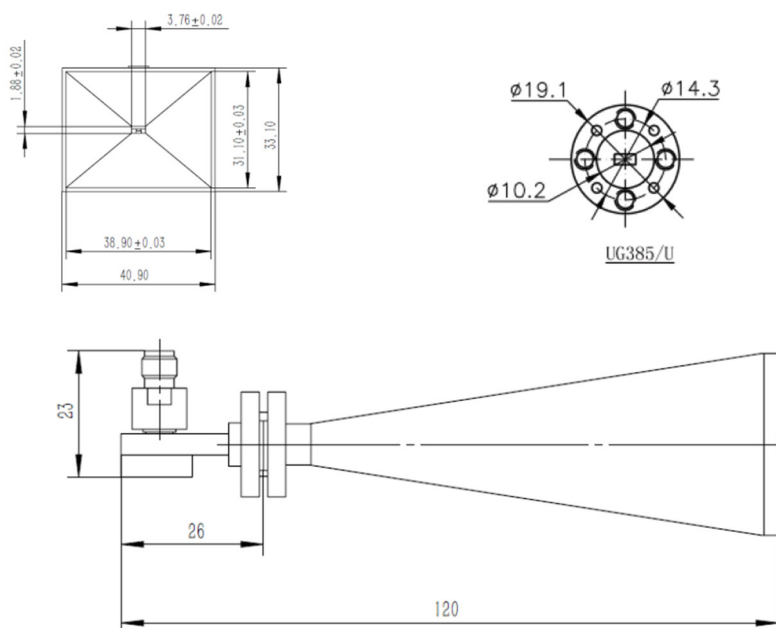
Frequency	49.8-75.8GHz
Gain	25dBi
VSWR	1.8:1 Max.
Waveguide Size	WR15
Coaxial Connection	1.85mm

Material Specification

Material	Brass
Inside Finish	Gold
Outside Finish	Blue Paint

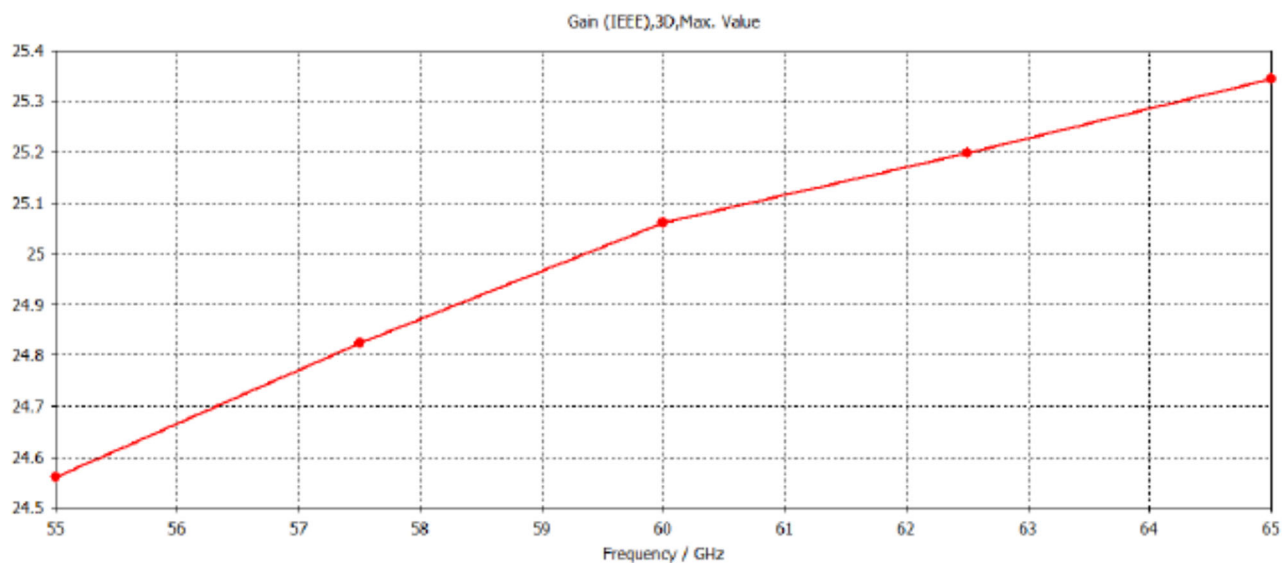
Outline

Unit:mm

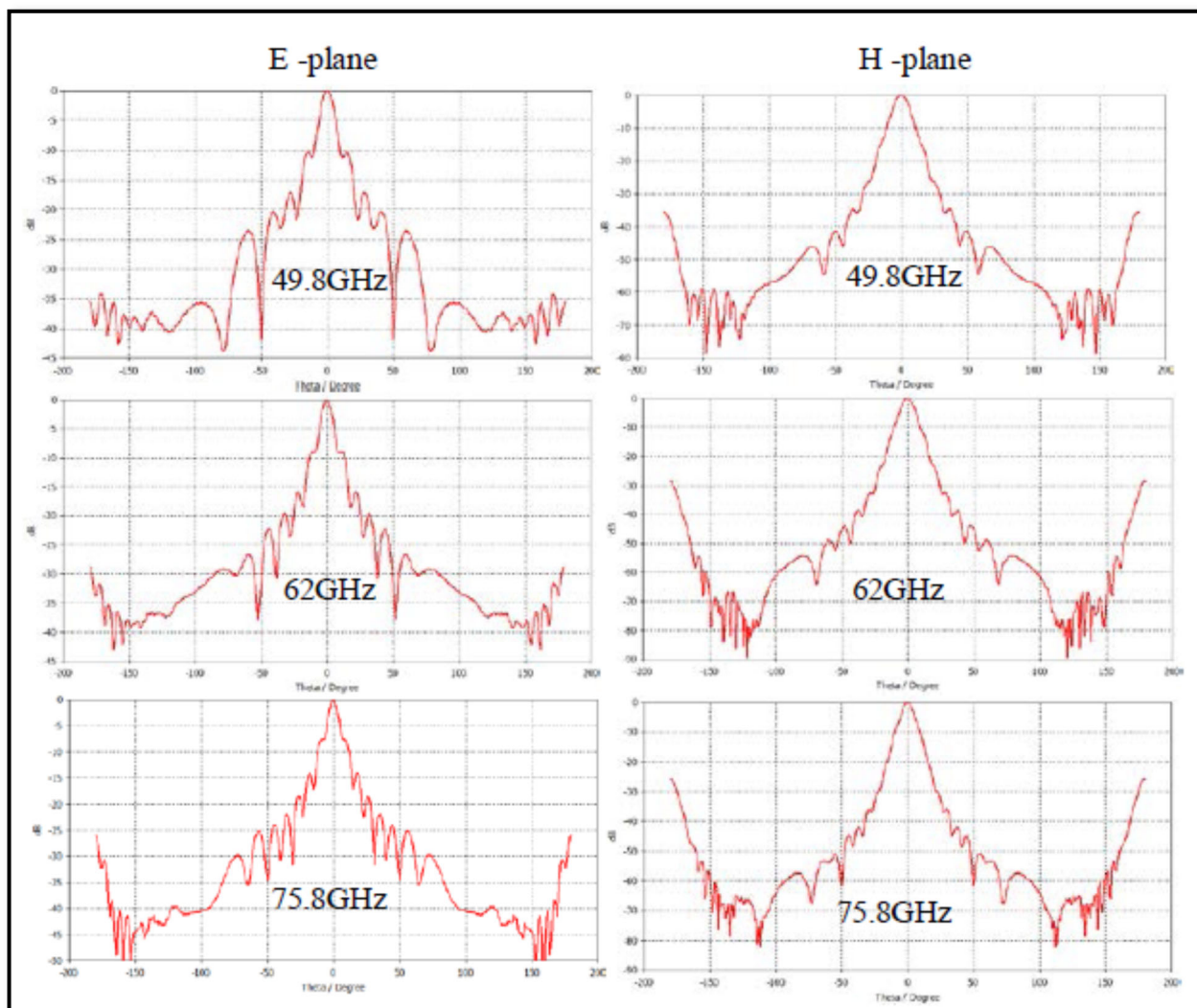


Test Data

Gain



Radiation Pattern



Freq. (GHz)	Angular With (3dB) (deg.)		Side lobe level (dB)
49.8	E	10.2	-10.4
49.8	H	11.3	-34.7
62	E	8.5	9.0
62	H	9.6	-28.6
75.8	E	7.2	-7.6
75.8	H	8.5	-25.8