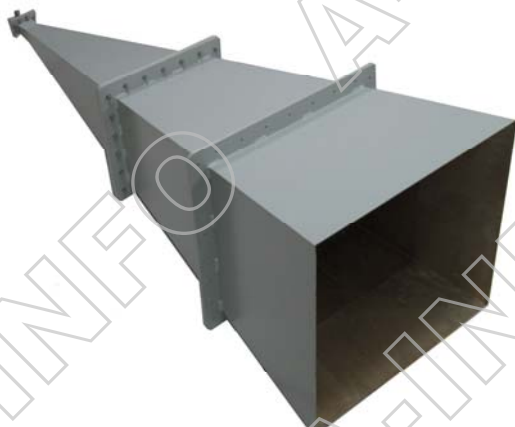


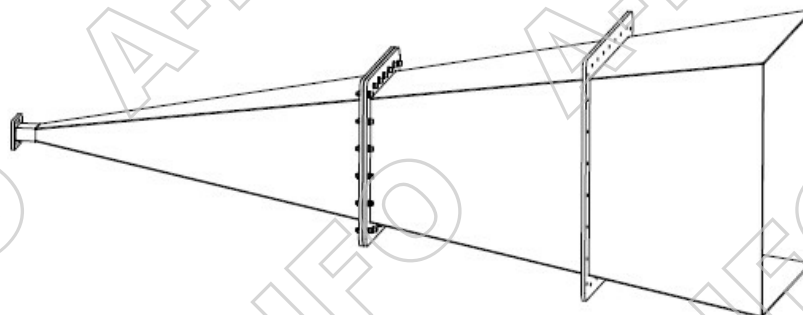
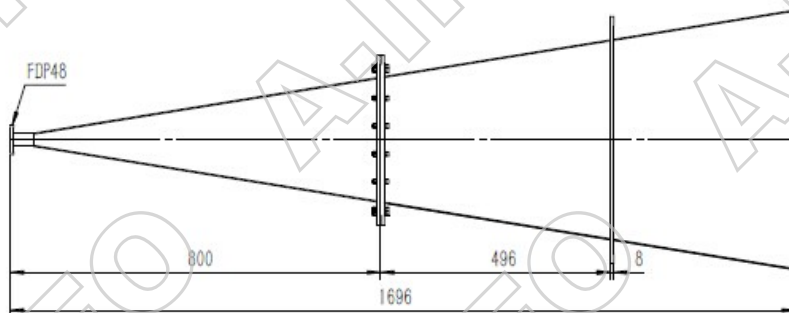
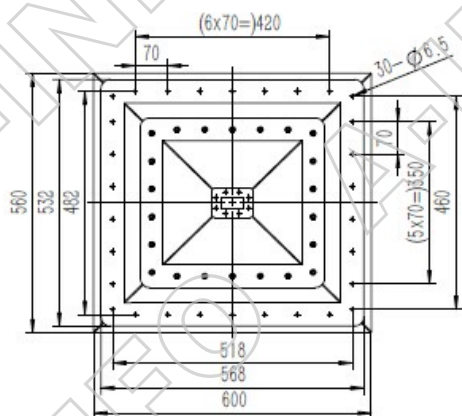
Technical Specification



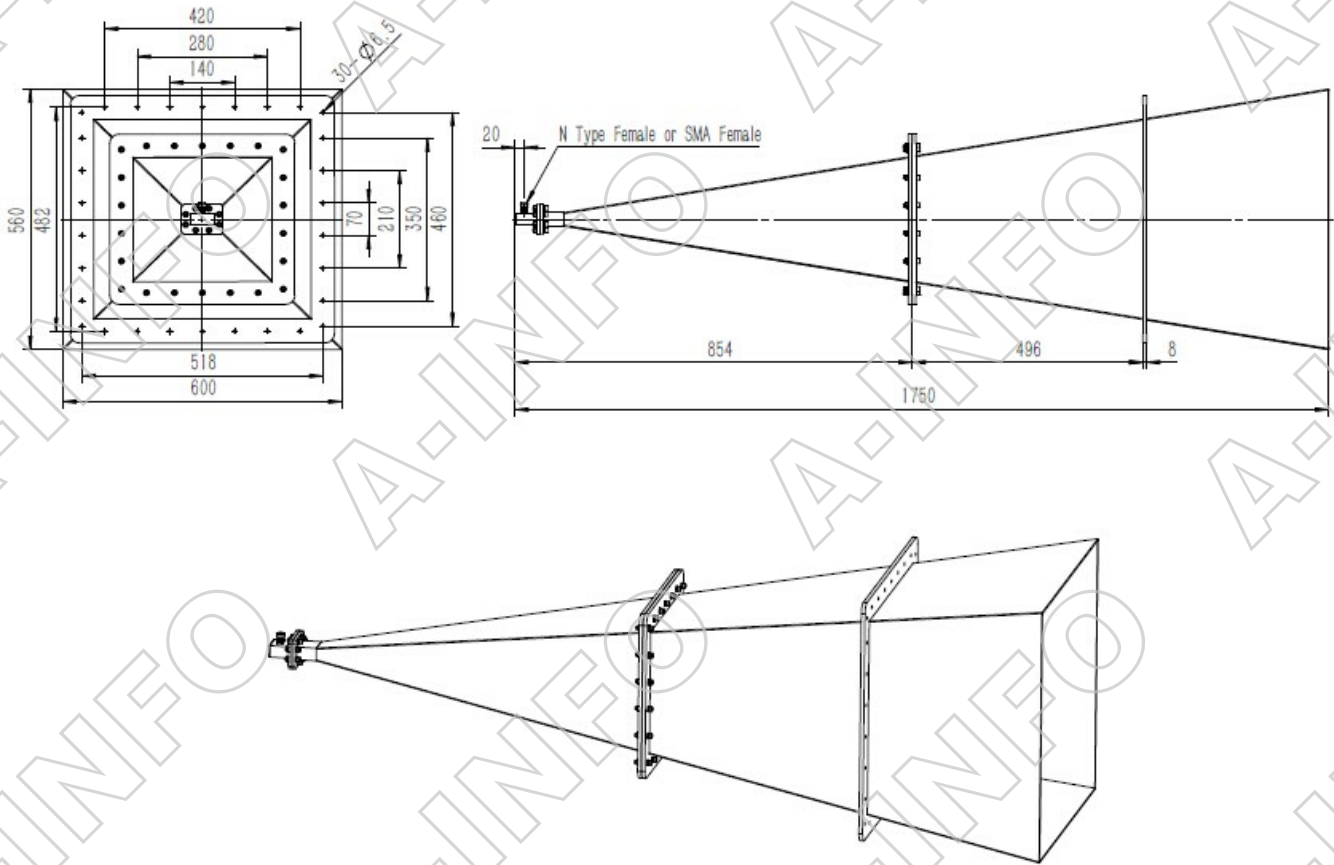
Frequency Range(GHz)	3.95 - 5.85
Gain(dB)	25 Typ.
3dB Beamwidth(deg)	10 Typ.
Waveguide	WR187
Material	Al
Output	A Type: FDP48 C Type: N-F or SMA-F
Size(mm) W x H x L	A Type: 600x560x1696 C Type: 600x560x1750
Net Weight(Kg)	A Type: 22.3 Around C Type: 22.5 Around

Outline Drawing (Size: mm)

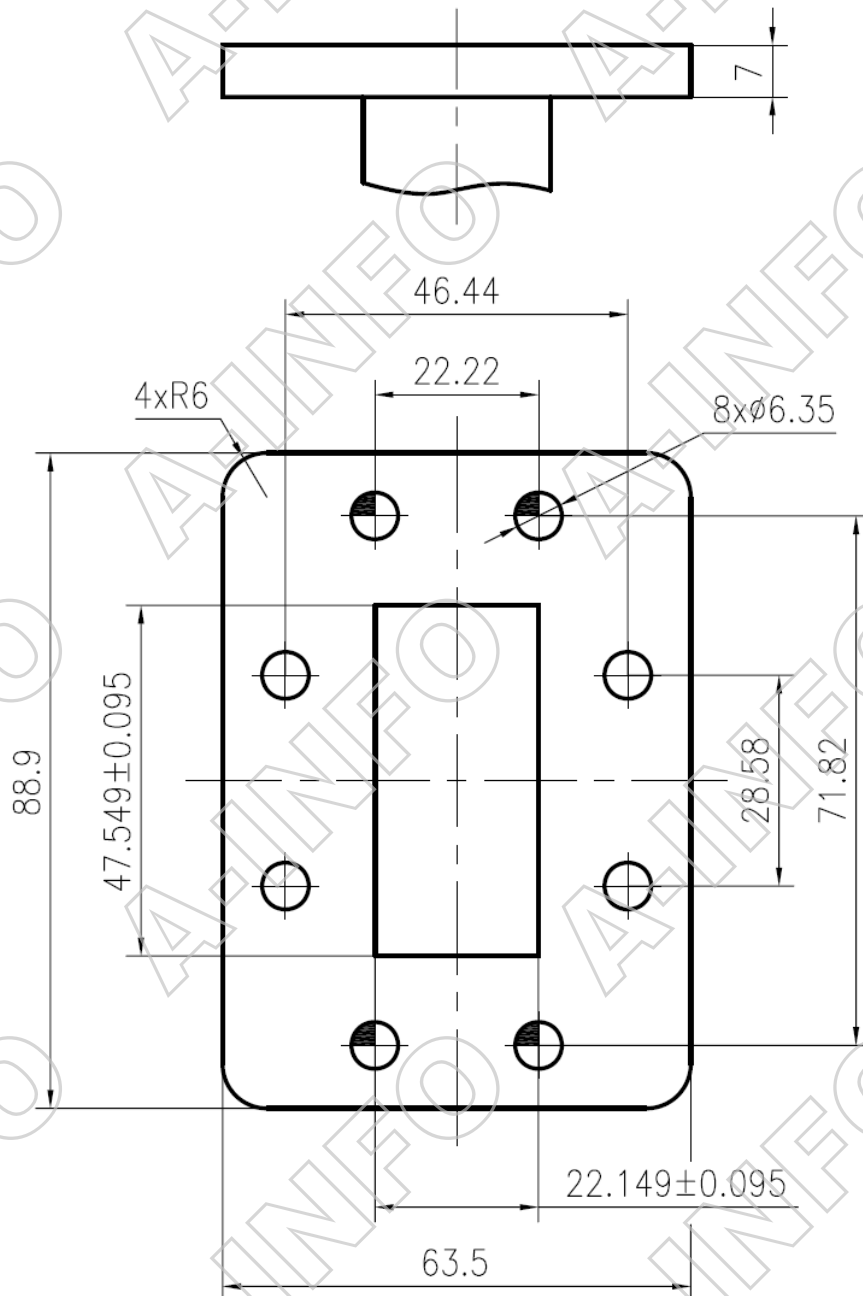
A Type



C Type



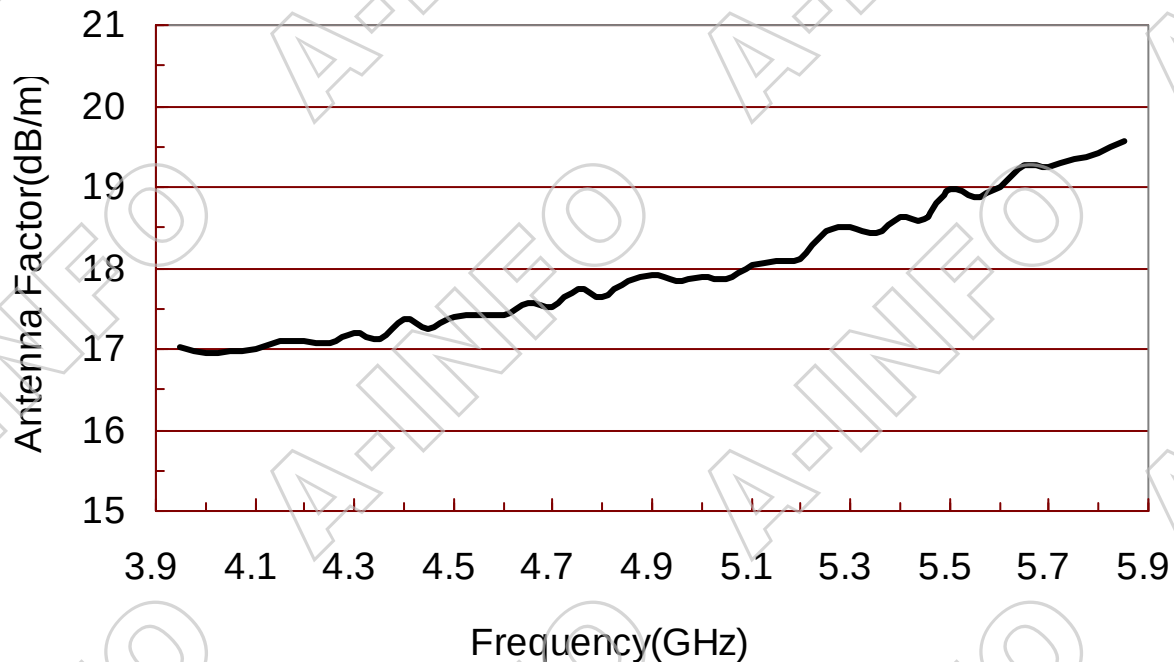
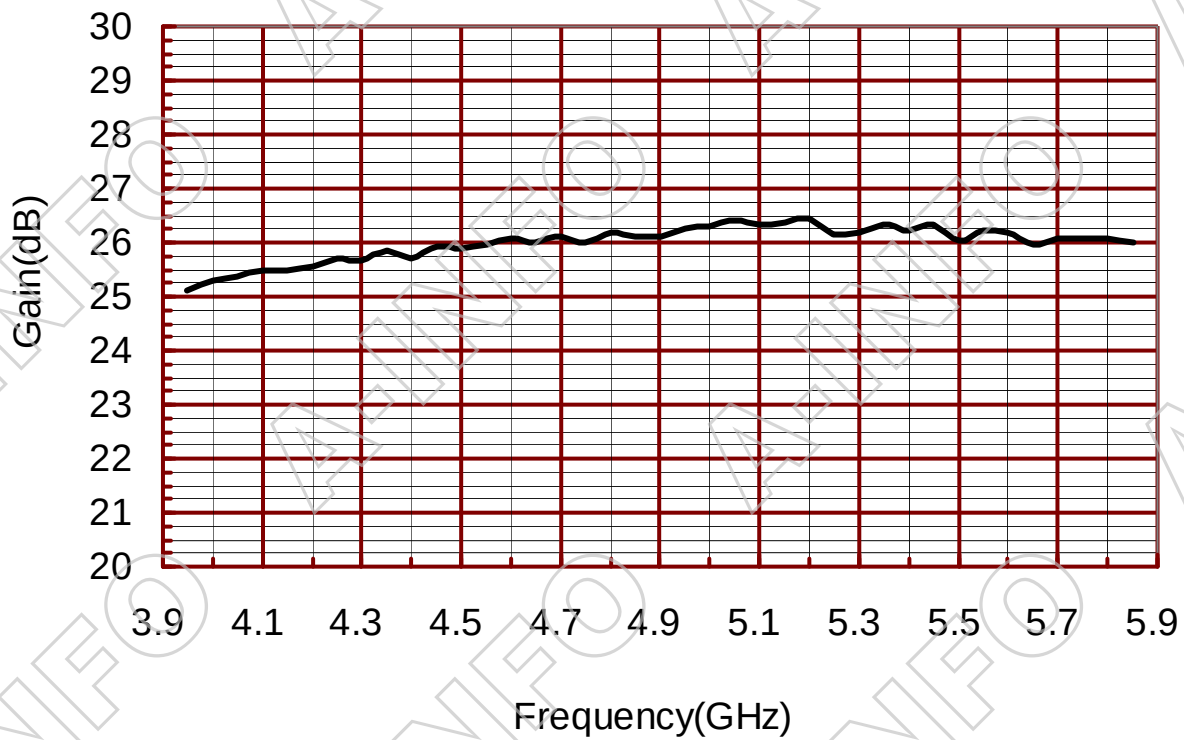
Flange Drawing (Size: mm)



FDP48

Test Results

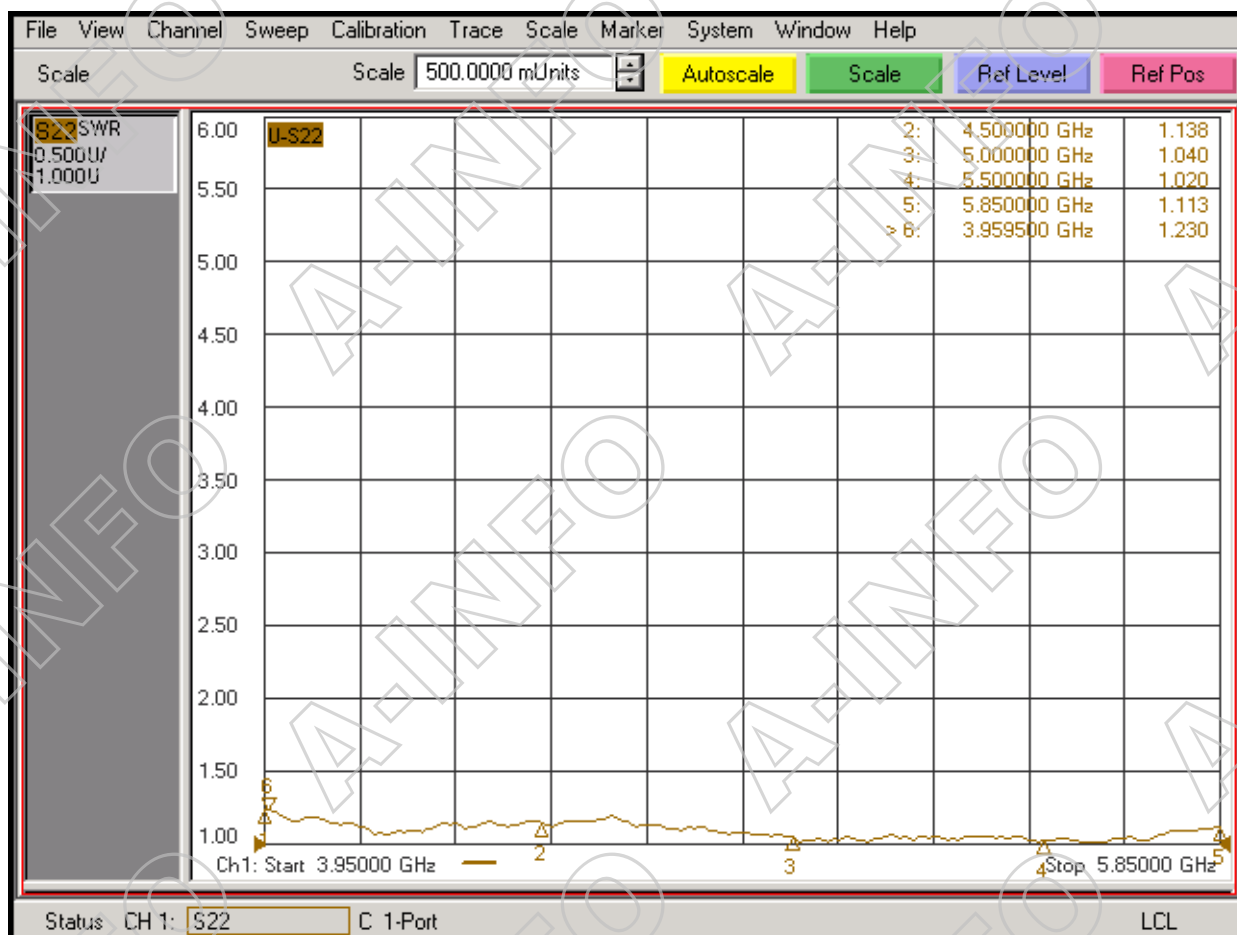
1. Gain and Antenna Factor



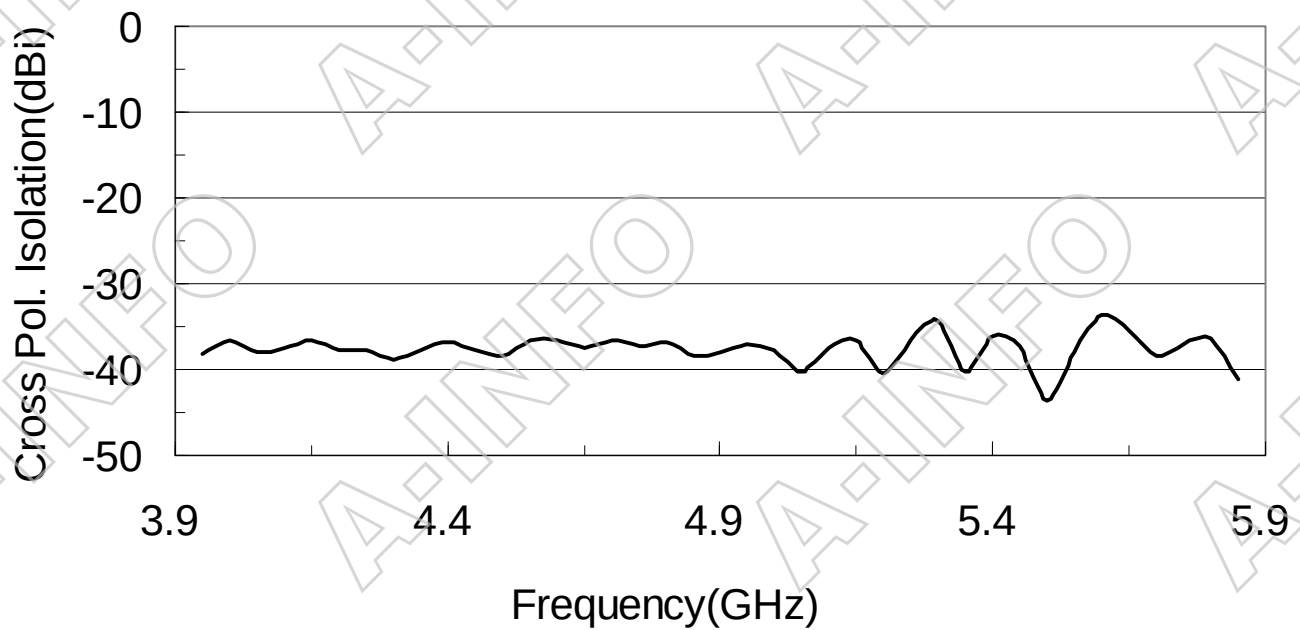
Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
3.95	25.12	17.02
4.0	25.30	16.95
4.1	25.46	17.00
4.2	25.57	17.10
4.3	25.68	17.19
4.4	25.71	17.37
4.5	25.87	17.40
4.6	26.05	17.41
4.7	26.12	17.52
4.8	26.18	17.64
4.9	26.11	17.90

Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
5.0	26.29	17.89
5.1	26.31	18.04
5.2	26.43	18.10
5.3	26.19	18.49
5.4	26.22	18.63
5.5	26.04	18.97
5.6	26.18	18.99
5.7	26.07	19.25
5.8	26.06	19.40
5.85	25.98	19.56

2. VSWR



3. Cross Polarization Isolation



4. Pattern

