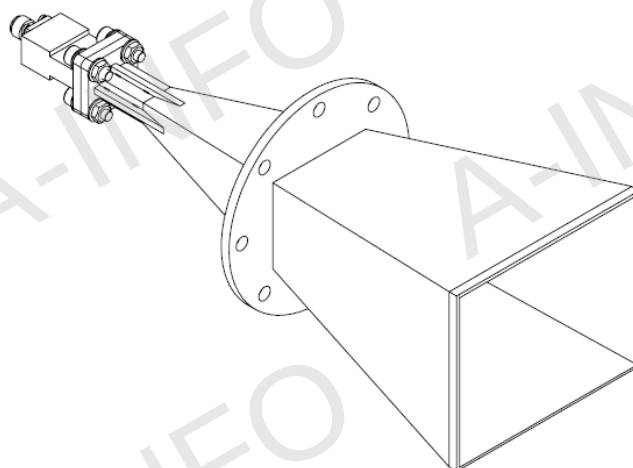
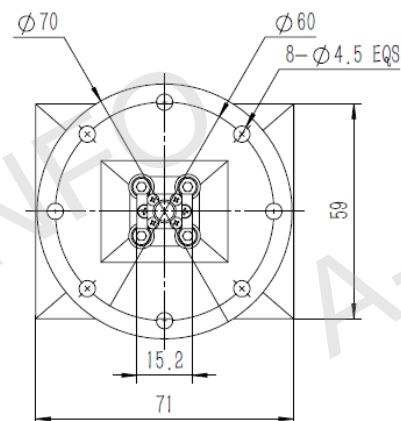
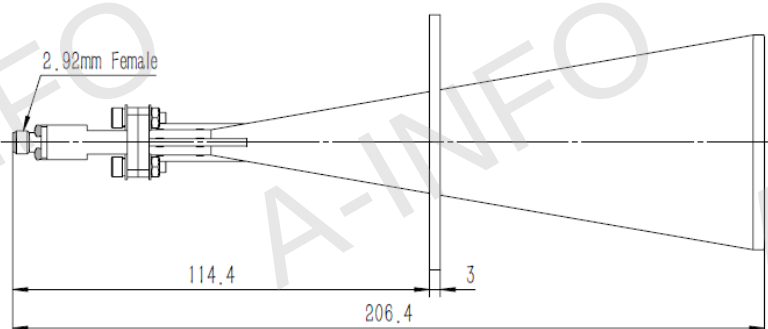


Technical Specification



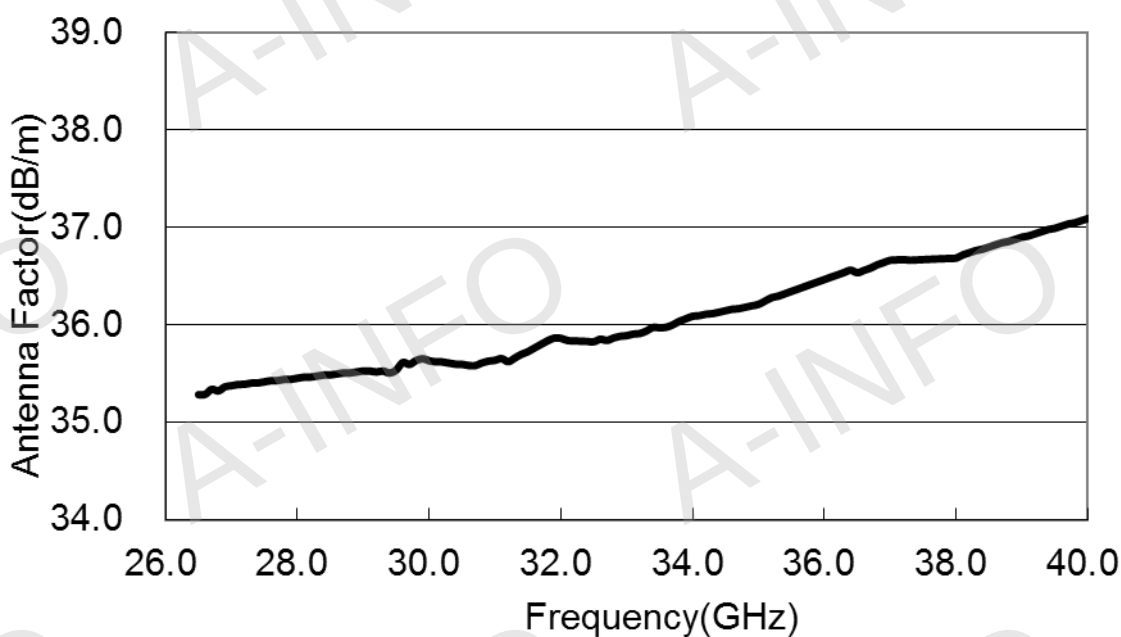
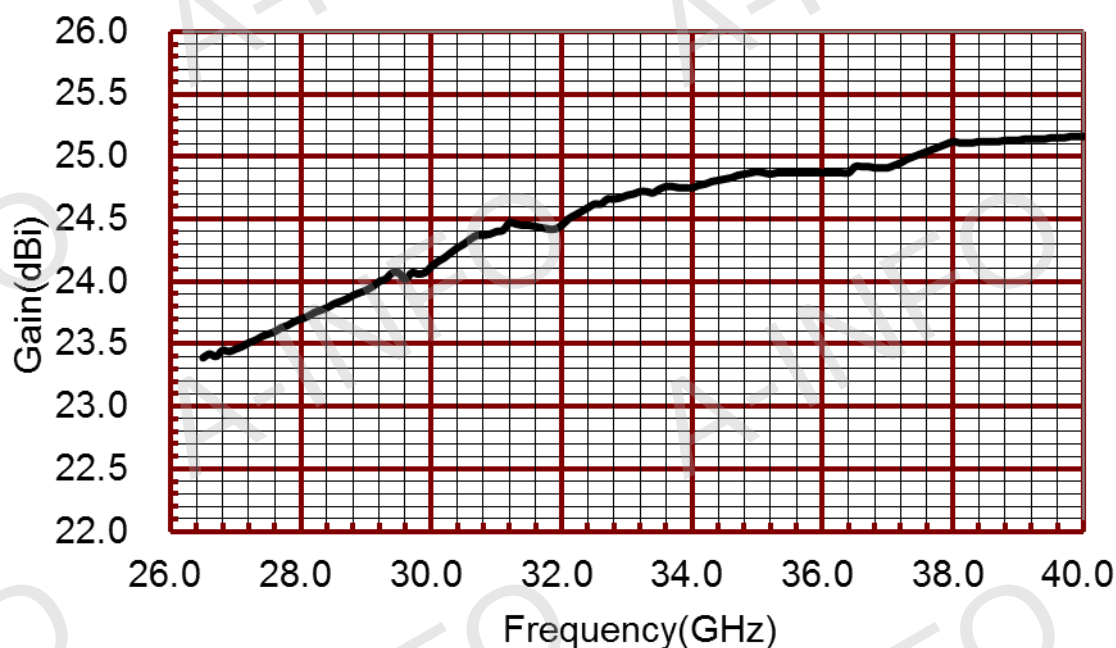
Frequency Range(GHz)	26.5 - 40.0
Waveguide	WR28
Gain(dBi)	25 Typ.
Polarization	Linear
3dB Beamwidth(deg)	10 Typ.
VSWR	1.25:1 Typ.
Output	Endlaunch 2.92mm-Female
Material	Cu
Size(mm)	71 x 70 x 206.4
Net Weight(Kg)	0.25 Around

Outline Drawing (Size: mm)



Test Results

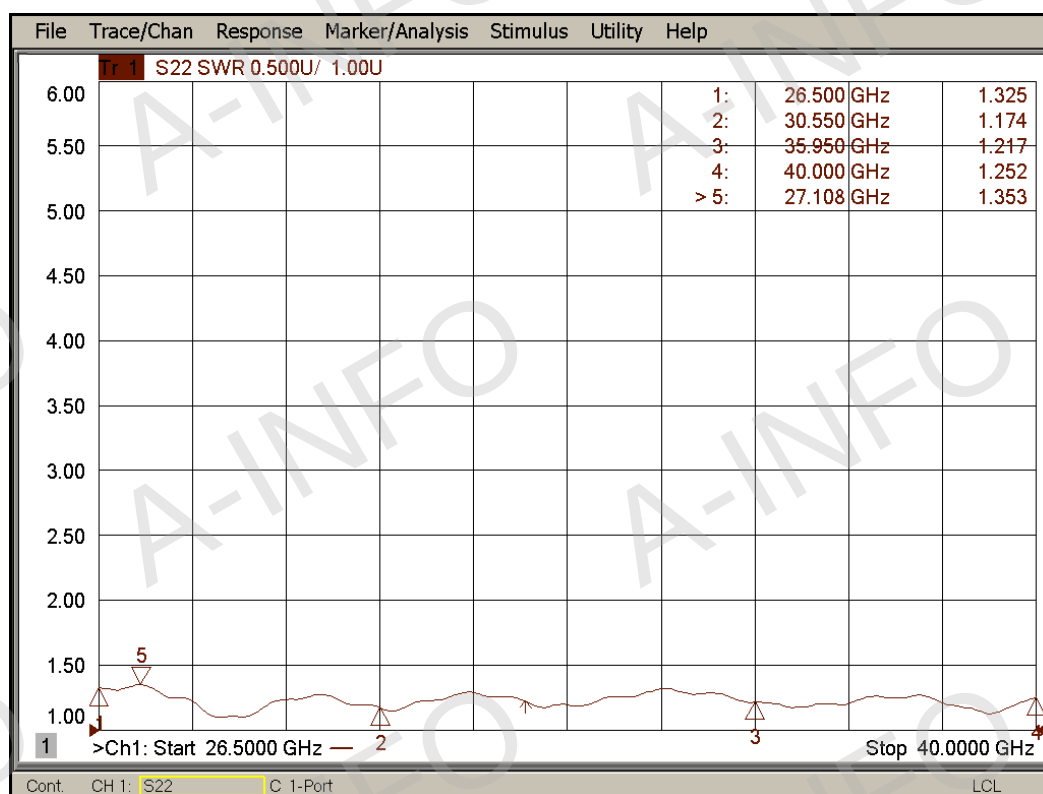
1. Gain and Antenna Factor



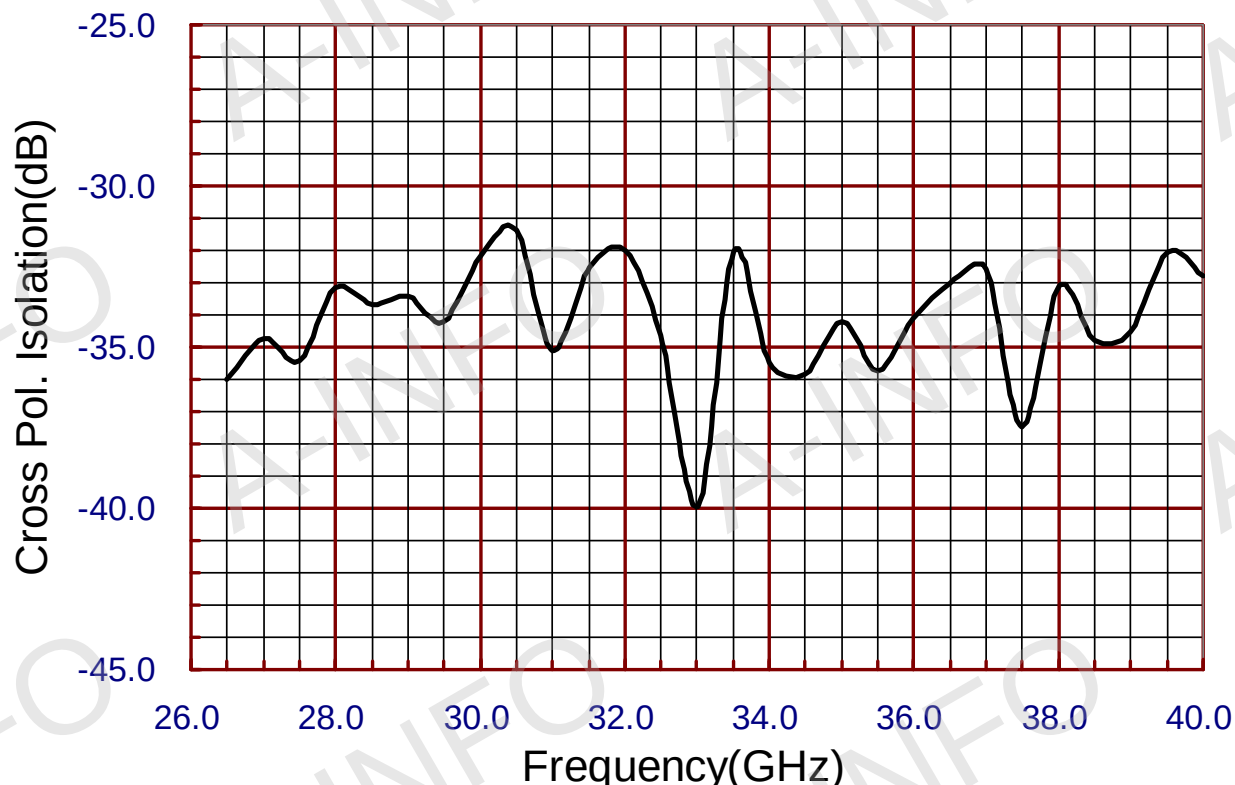
Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
26.50	23.39	35.28
27.00	23.46	35.38
27.50	23.58	35.42
28.00	23.70	35.45
28.50	23.82	35.49
29.00	23.93	35.53
29.50	24.07	35.54
30.00	24.12	35.63
30.50	24.30	35.60
31.00	24.40	35.64
31.50	24.45	35.73
32.00	24.45	35.86
32.50	24.62	35.83
33.00	24.69	35.89

Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
33.50	24.74	35.97
34.00	24.75	36.09
34.50	24.82	36.15
35.00	24.88	36.21
35.50	24.87	36.34
36.00	24.87	36.47
36.50	24.92	36.54
37.00	24.91	36.66
37.50	25.02	36.67
38.00	25.12	36.69
38.50	25.12	36.80
39.00	25.13	36.90
39.50	25.15	36.99
40.00	25.16	37.09

2. VSWR



3. Cross Polarization Isolation



4. Pattern

