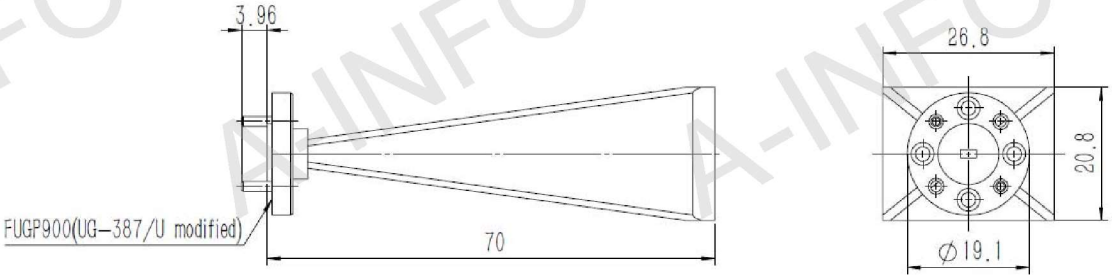
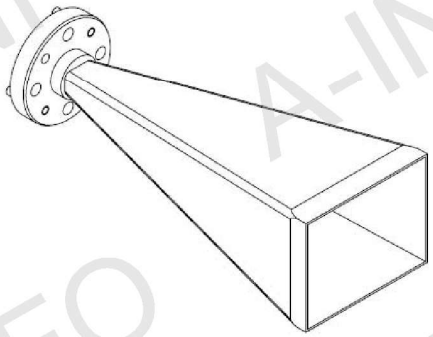
Technical Specification

Frequency Range(GHz)	75.0 - 110.0
Waveguide	WR10
Gain(dB)	25 Typ.
Polarization	Linear
3dB Beamwidth(deg)	10 Typ.
VSWR	1.10:1 Typ.
Output	FUGP900 (UG-387/U modified)
Material	Cu
Size(mm)	26.8 x 20.8 x 70
Net Weight(Kg)	0.05 Around

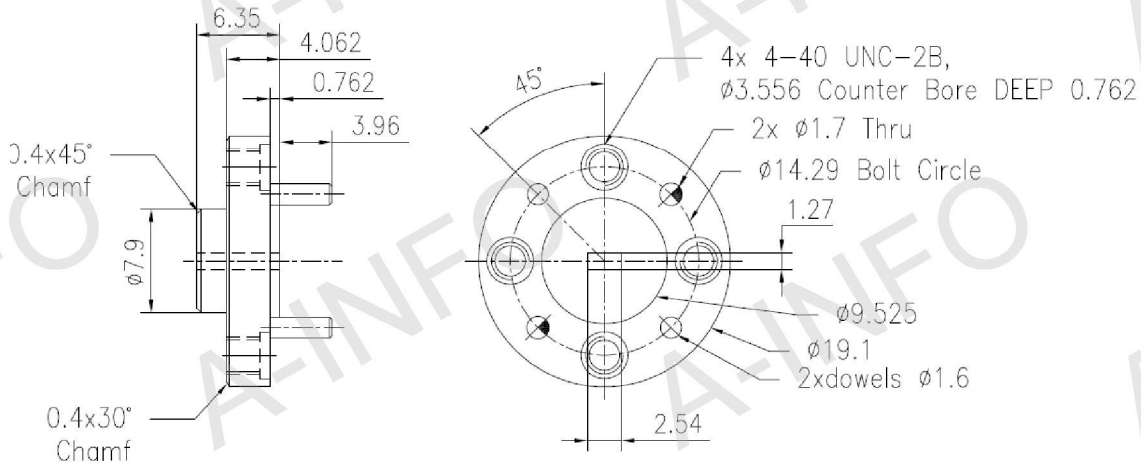
Outline Drawing (Size: mm)

A Type (With FUGP900 Output)





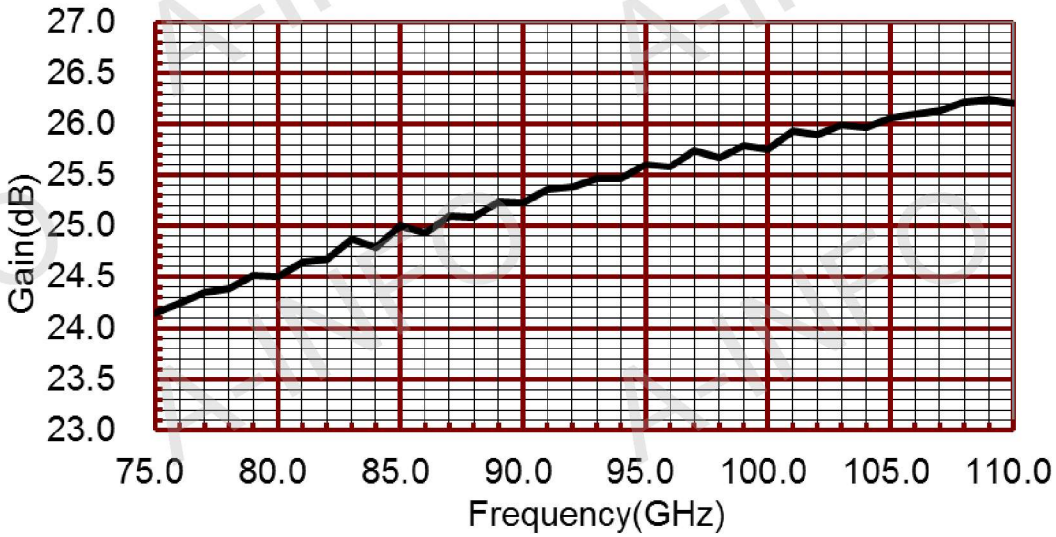
Flange Drawing (Size: mm)

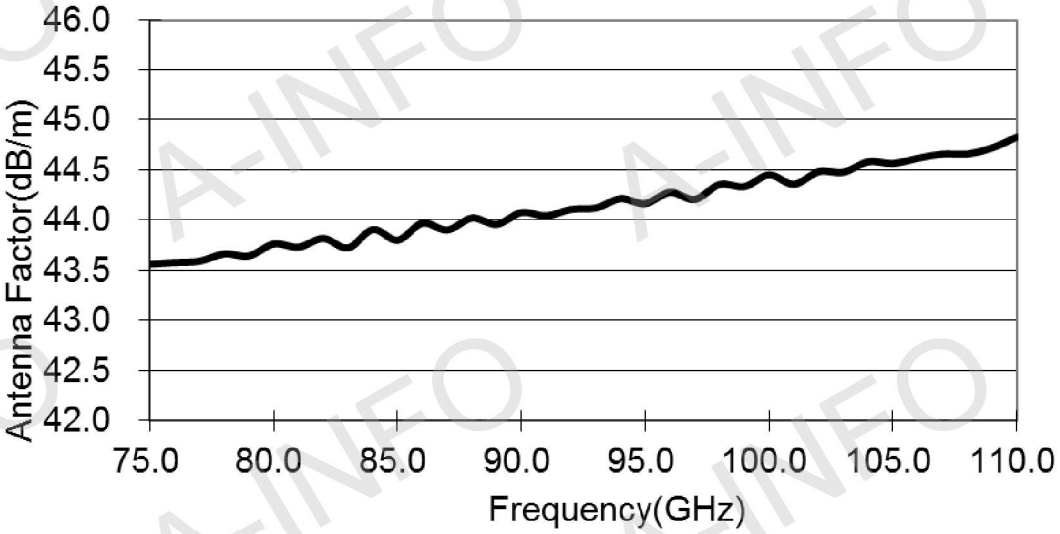


FUGP900
(equivalent to UG-387/U modified)

Test Results

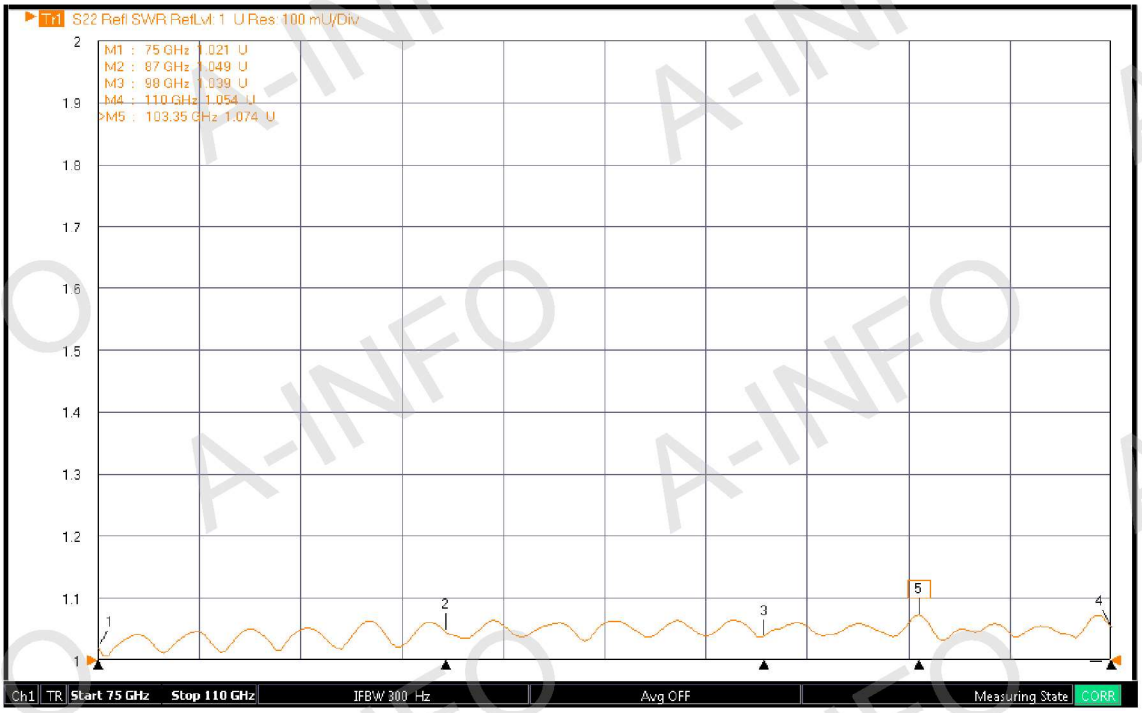
1. Gain & Antenna Factor



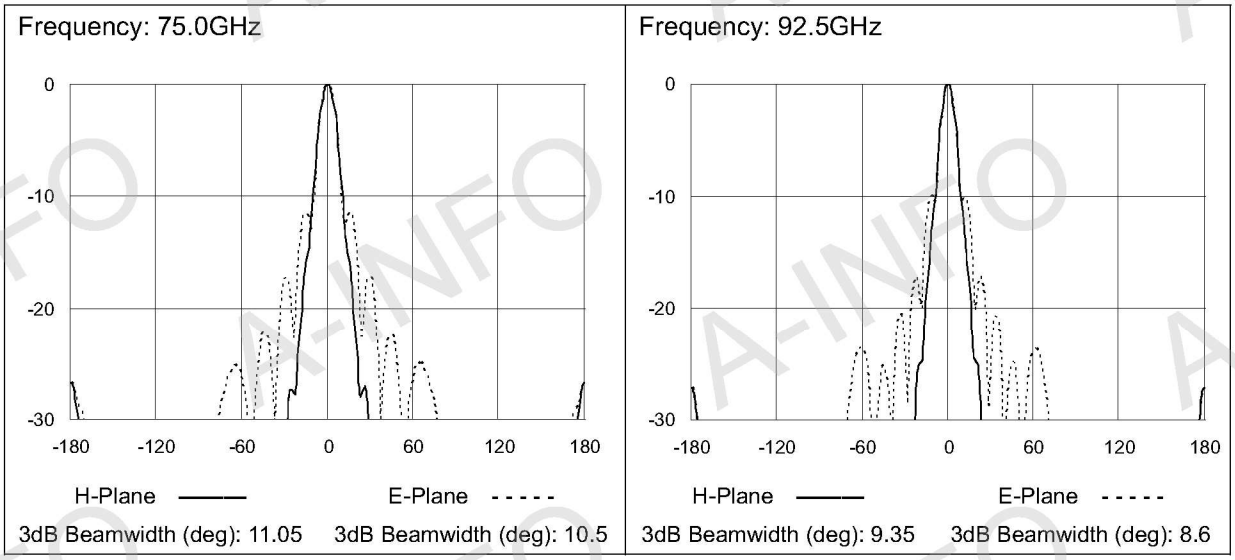


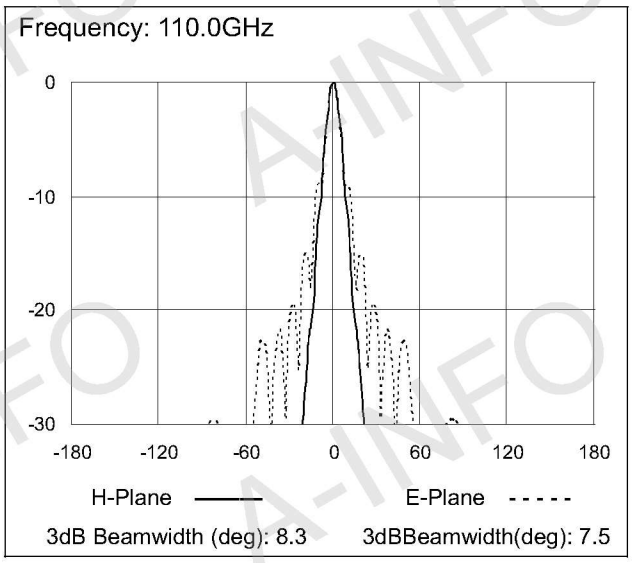
Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
75	24.15	43.56
76	24.25	43.58
77	24.35	43.59
78	24.39	43.66
79	24.52	43.64
80	24.51	43.76
81	24.65	43.73
82	24.67	43.82
83	24.87	43.72
84	24.79	43.91
85	25	43.80
86	24.93	43.97
87	25.1	43.90
88	25.08	44.02
89	25.24	43.96
90	25.22	44.07
91	25.35	44.04
92	25.38	44.11
93	25.46	44.12
94	25.46	44.21
95	25.6	44.16
96	25.58	44.28
97	25.74	44.21
98	25.68	44.35
99	25.79	44.33
100	25.76	44.45
101	25.94	44.36
102	25.9	44.48
103	25.99	44.48
104	25.97	44.58
105	26.07	44.56
106	26.1	44.62
107	26.14	44.66
108	26.22	44.66
109	26.24	44.72
110	26.21	44.83

2. VSWR



3. Pattern





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