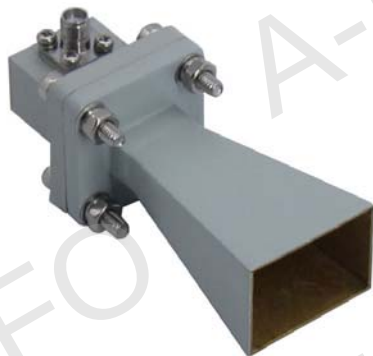


Technical Specification

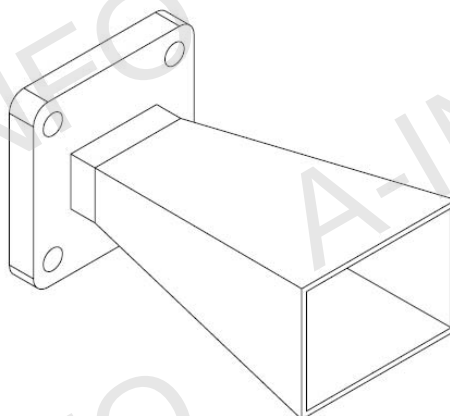
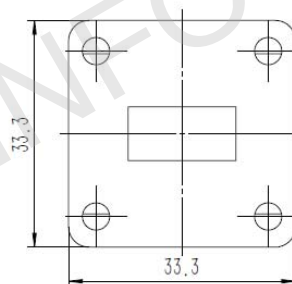
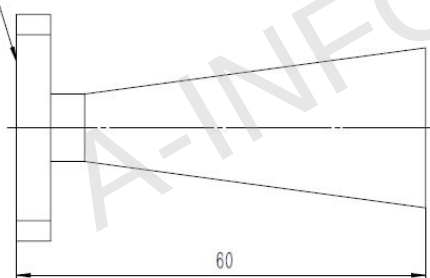


Frequency Range(GHz)	12.4 - 18.0
Gain(dB)	10
3dB Beamwidth(deg)	55 Typ.
Waveguide	WR62(UBR140)
Material	Al
Output	A Type: FBP140 C Type: SMA/ N /TNC/ 7mm /3.5mm
Size(mm) W x H x L	A Type: 33.3x33.3x60 C Type: 33.3x35x87
Net Weight(Kg)	A Type: 0.05 Around C Type: 0.10 Around

Outline Drawing (Size: mm)

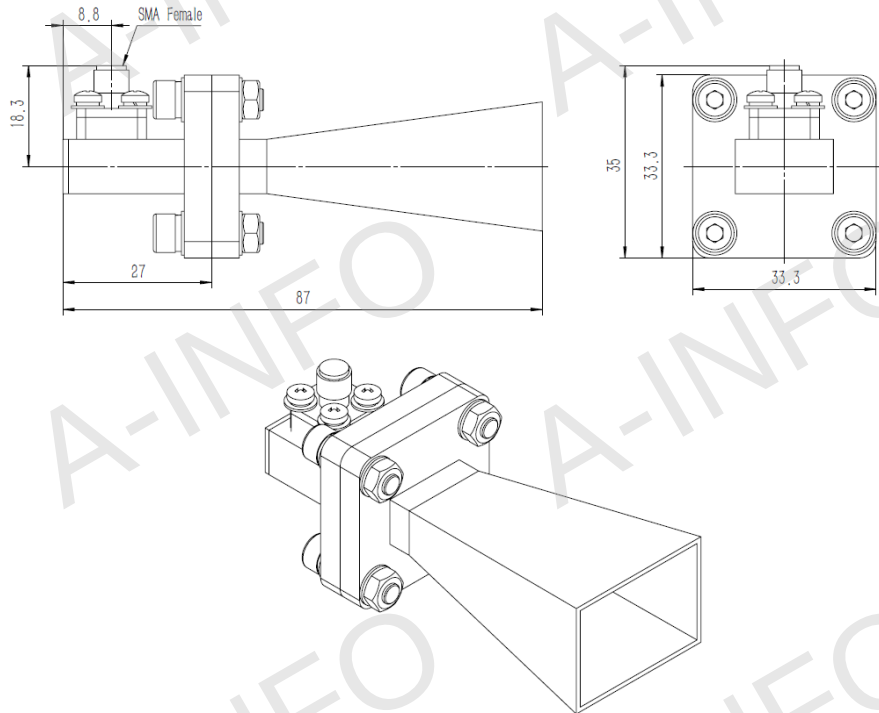
A Type (With FBP140 Output)

FBP140(UBR140)



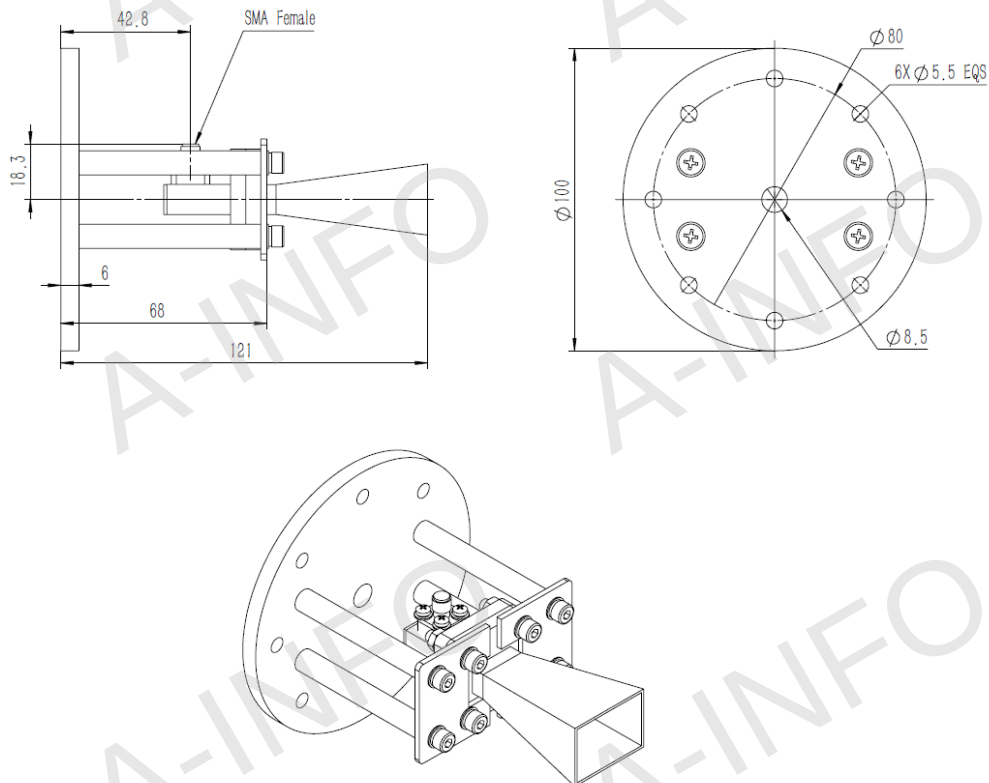
C Type (With SMA-Female Output)

For N- Female, TNC- Female, 7mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.



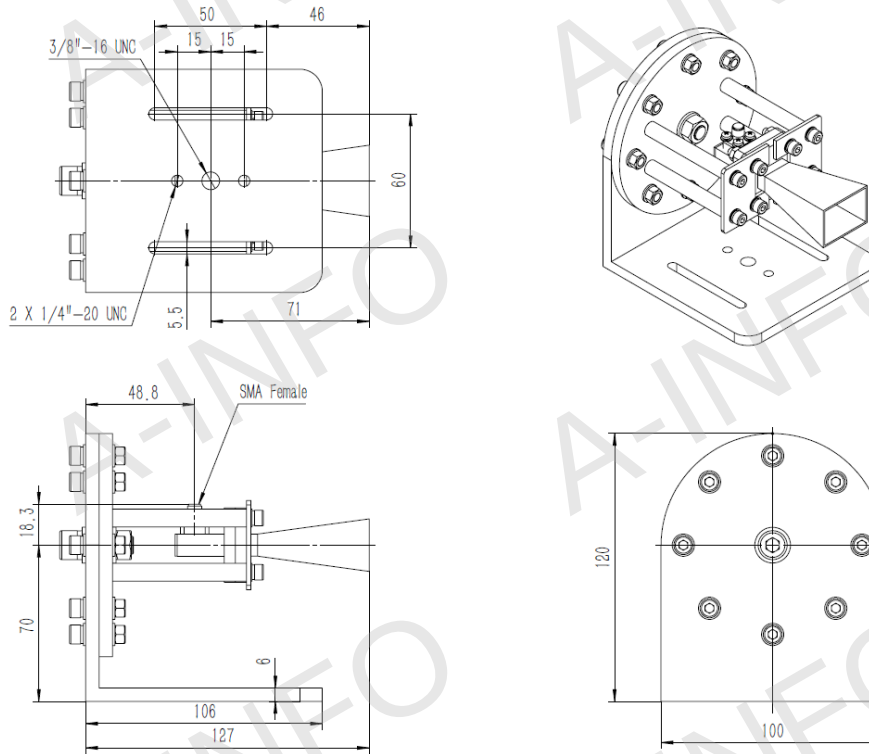
C Type (With SMA-Female Output & Round Mounting Bracket)

For N- Female, TNC- Female, 7mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.

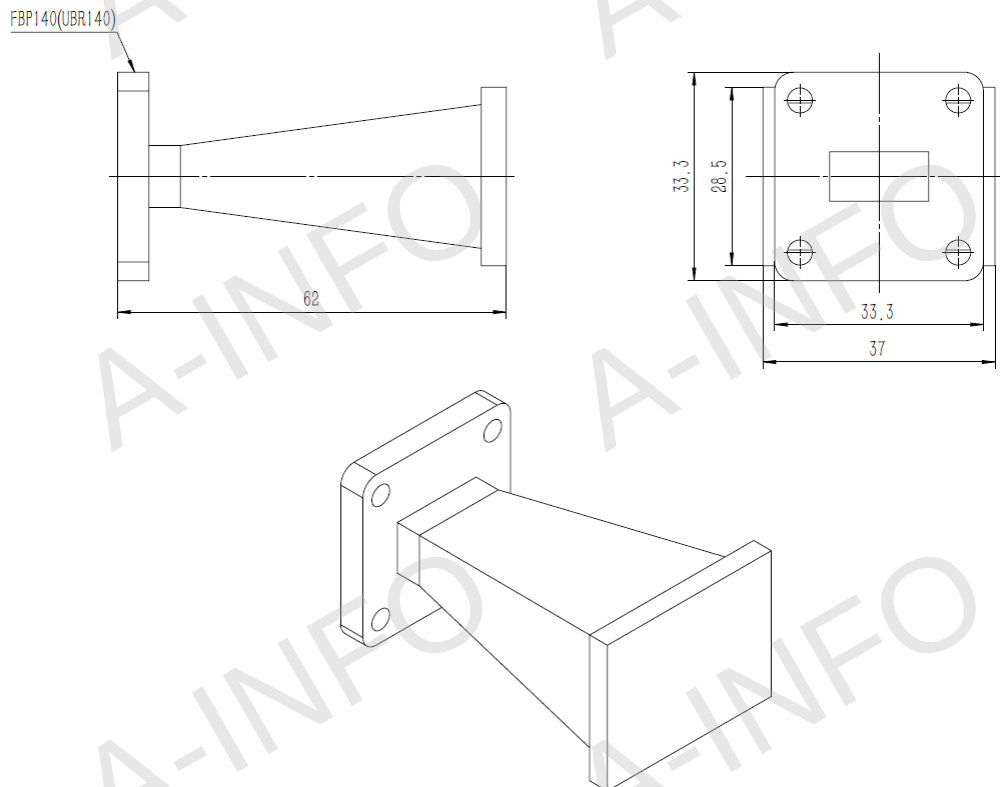


C Type (With SMA-Female Output & L Type Mounting Bracket)

For N- Female, TNC- Female, 7mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.



A Type (With Radome))



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China(Beijing):
China(Chengdu):
USA :

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Tel: (+86) 28-8519-2786,
Tel: (+1) 949-346-7326,

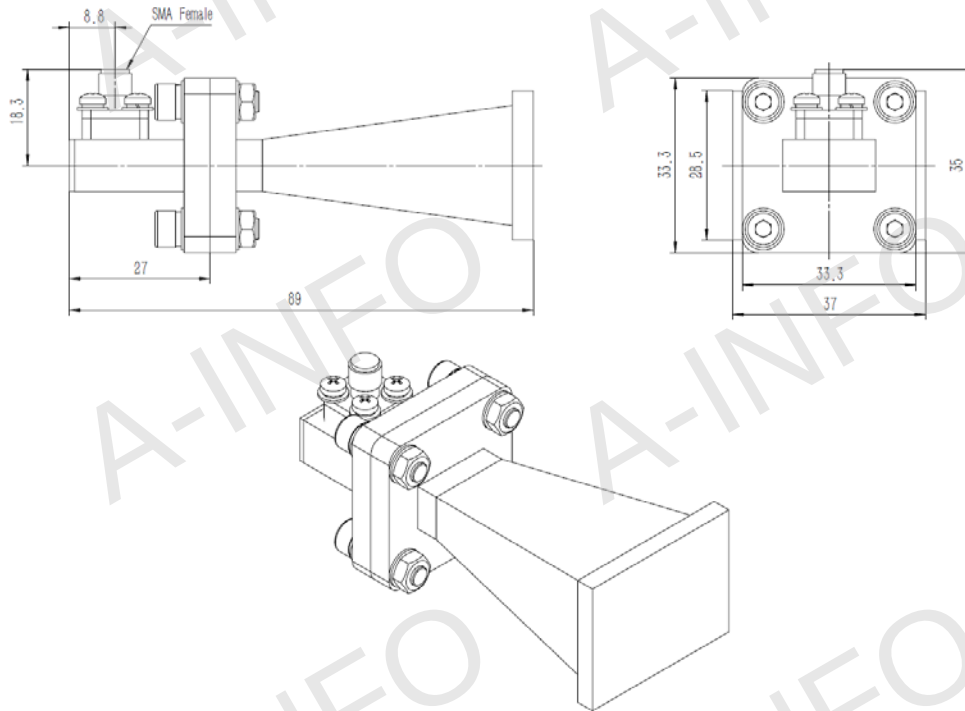
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9660

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9659

Website: www.ainfoinc.com
Email: sales@ainfoinc.com

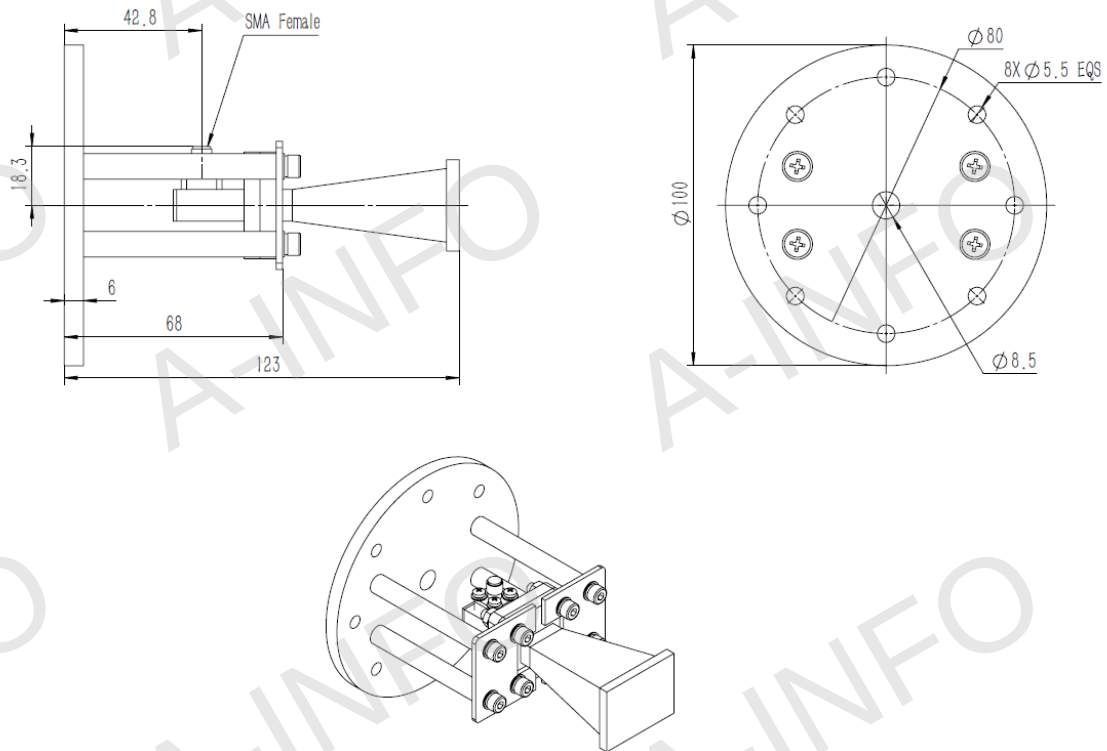
C Type (With SMA-Female Output & Radome)

For N- Female, TNC- Female, 7mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.



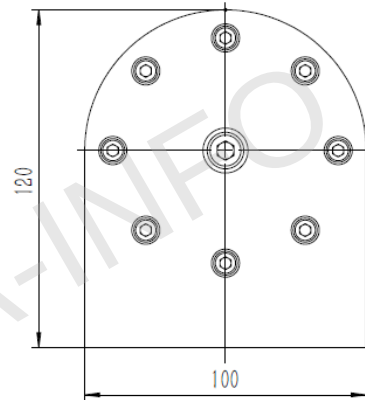
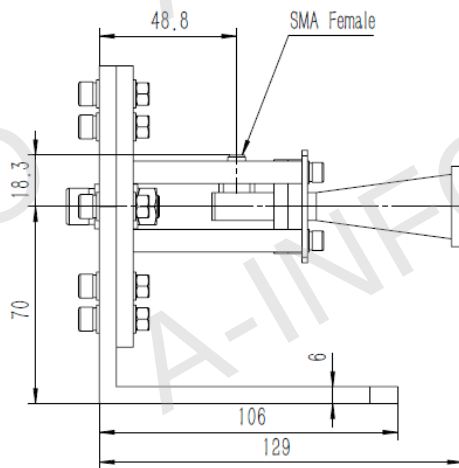
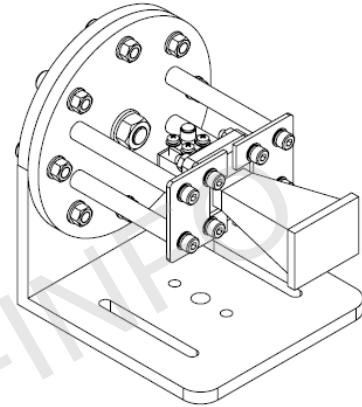
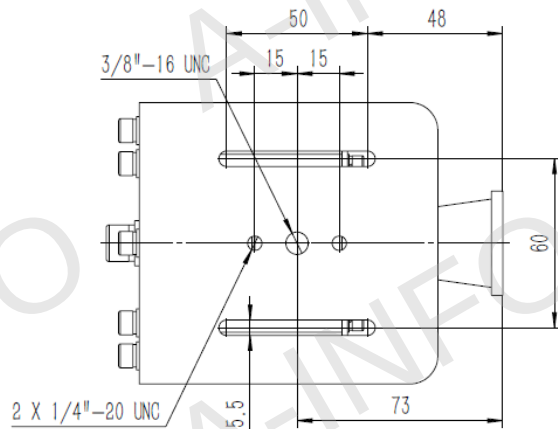
C Type (With SMA-Female Output & Round Mounting Bracket & Radome)

For N- Female, TNC- Female, 7mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.

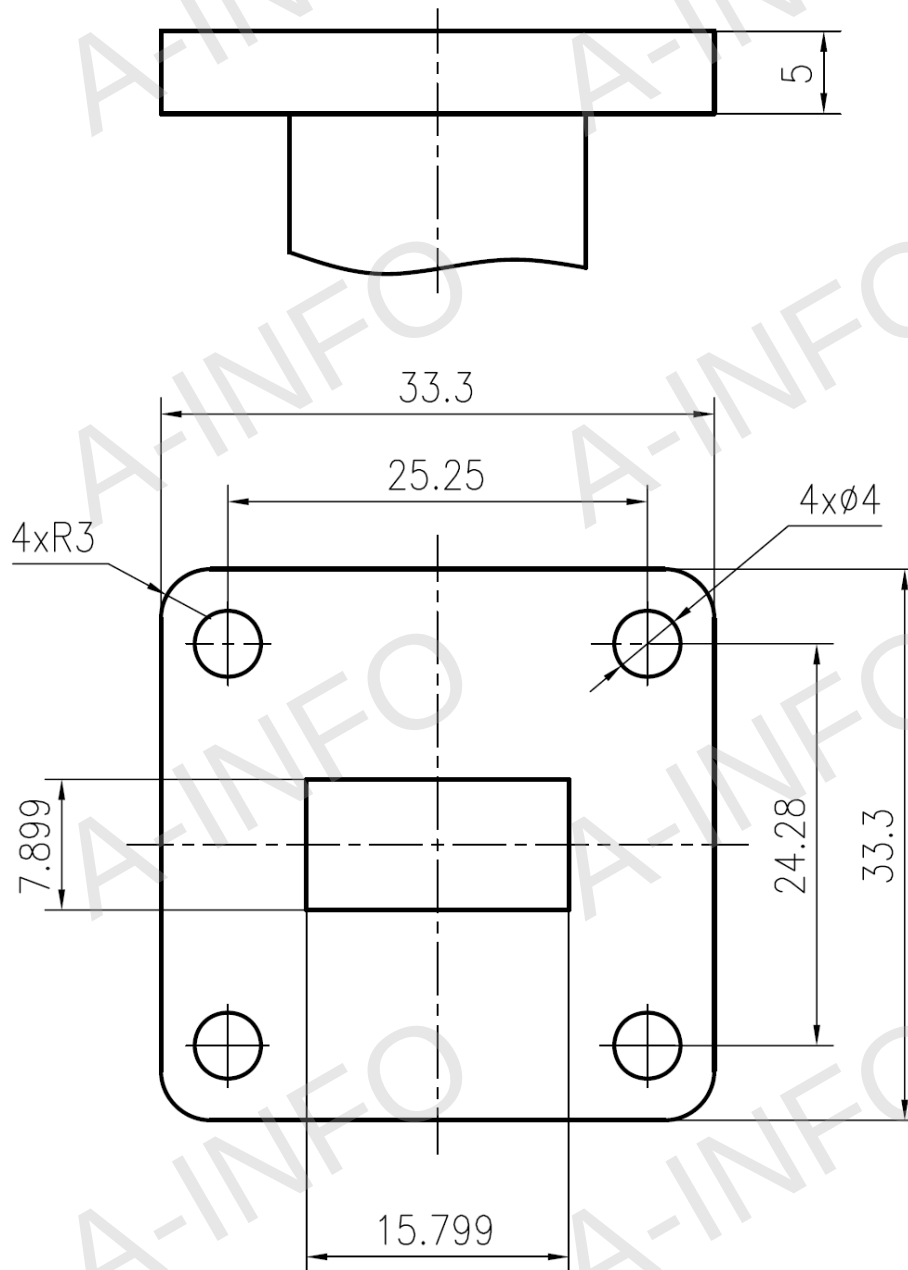


C Type (With SMA-Female Output & L Type Mounting Bracket & Radome)

For N- Female, TNC- Female, 7mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FBP140

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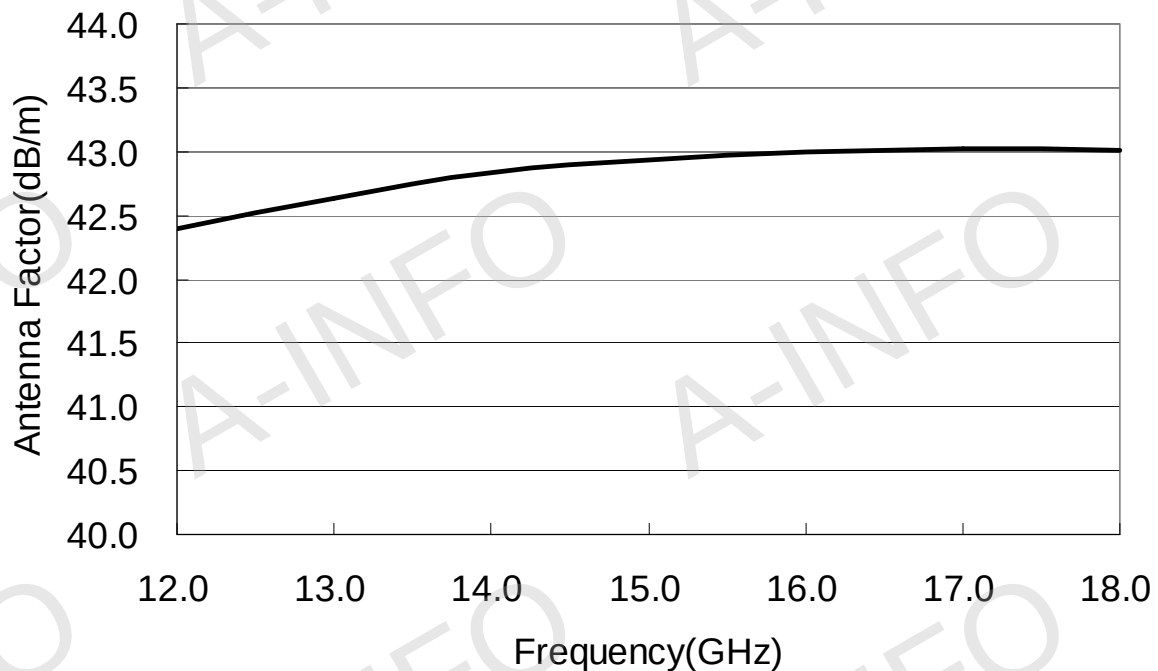
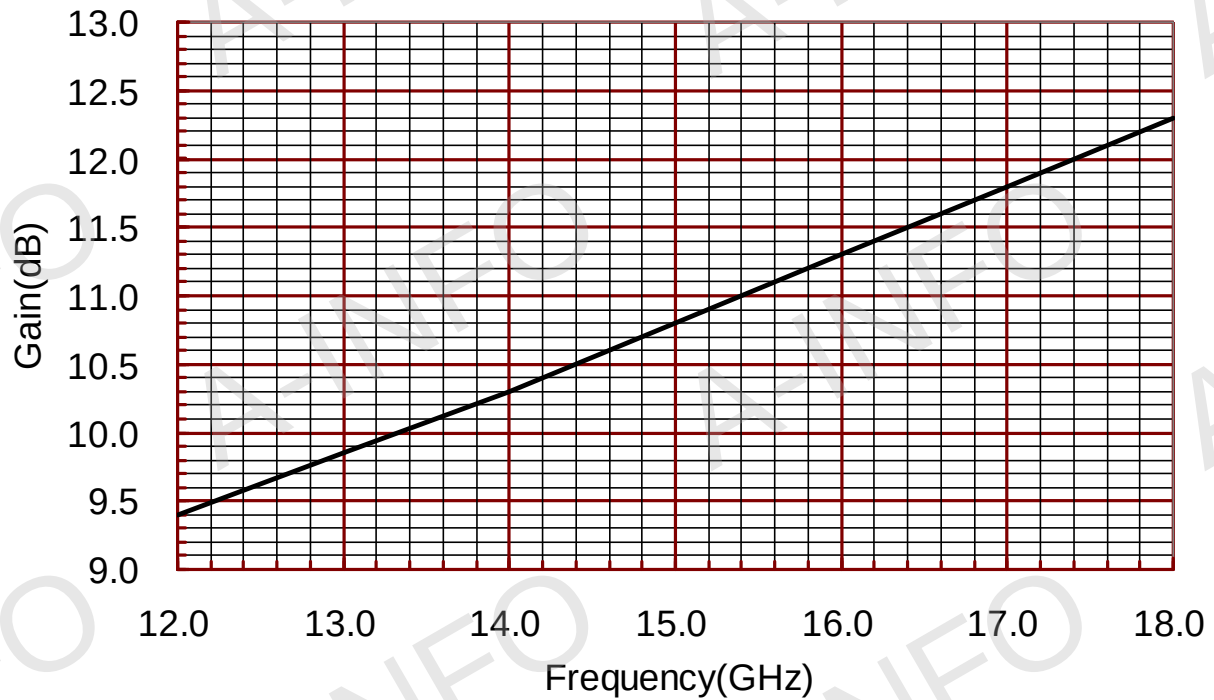
(+86) 10-6266-7327
(+86) 28-8519-3044
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Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9659

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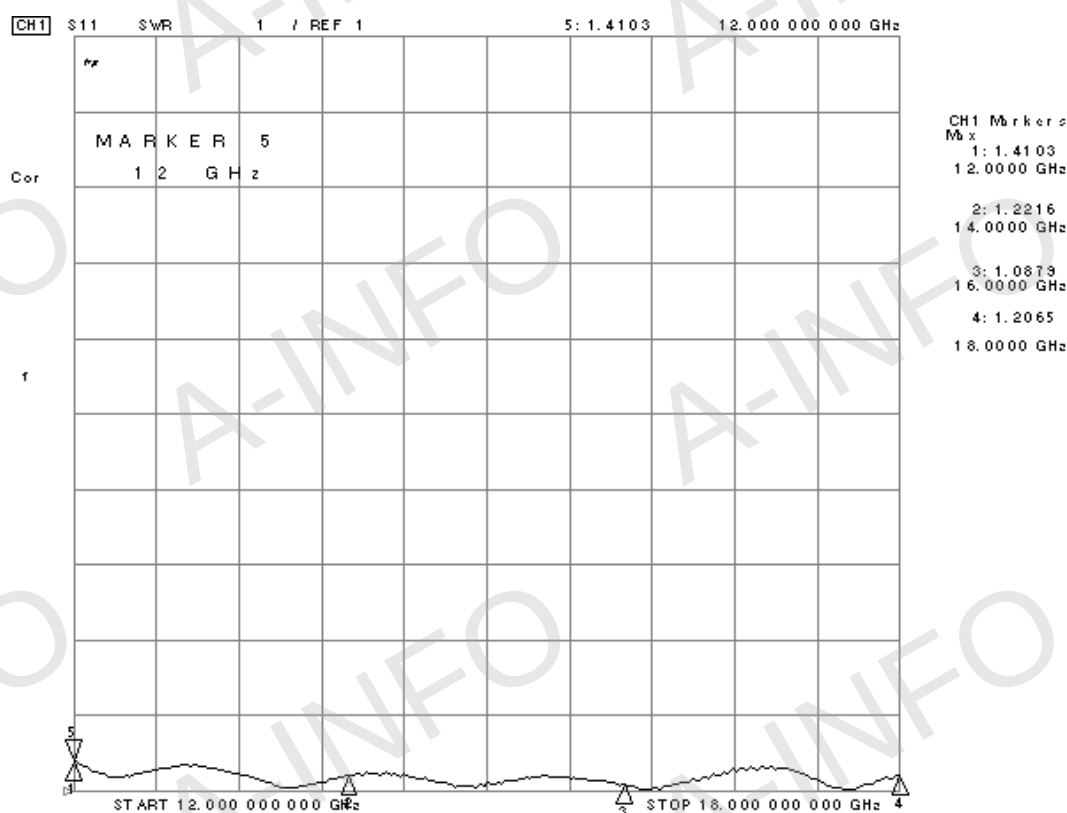
Test Results

1. Gain and Antenna Factor

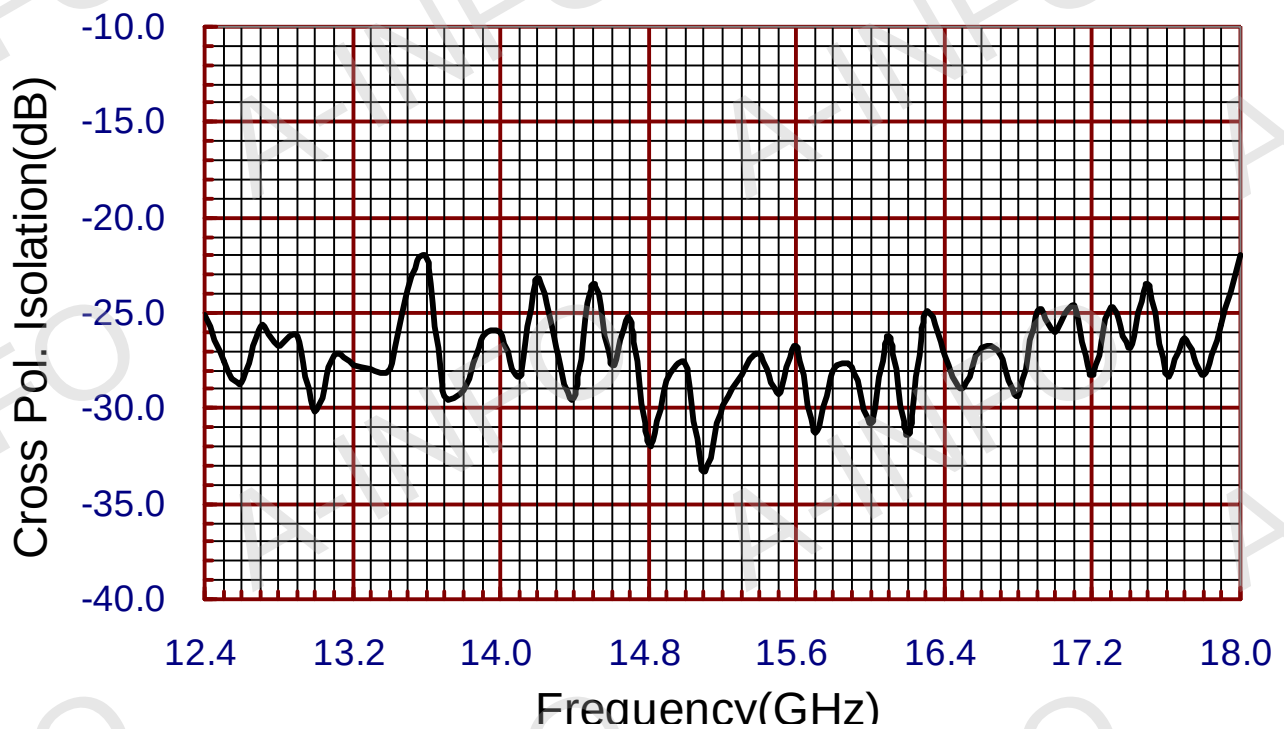


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
12.00	9.40	42.39
13.00	9.85	42.64
14.00	10.30	42.83
15.00	10.80	42.93
16.00	11.30	42.99
17.00	11.80	43.02
18.00	12.30	43.02

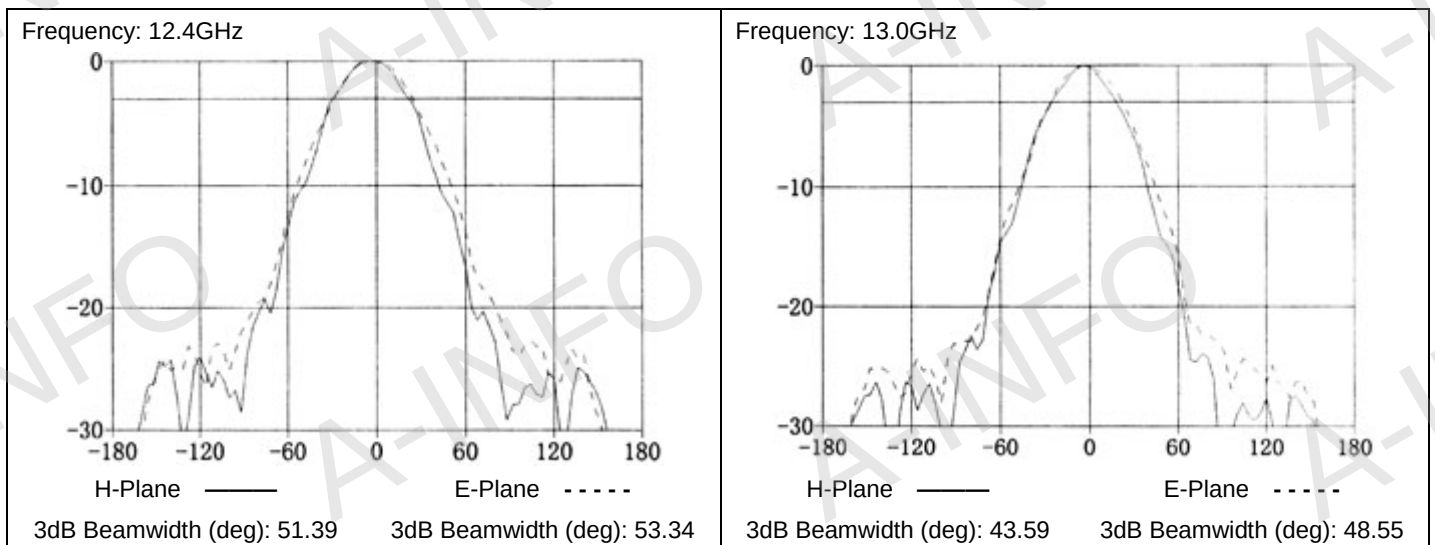
2. VSWR

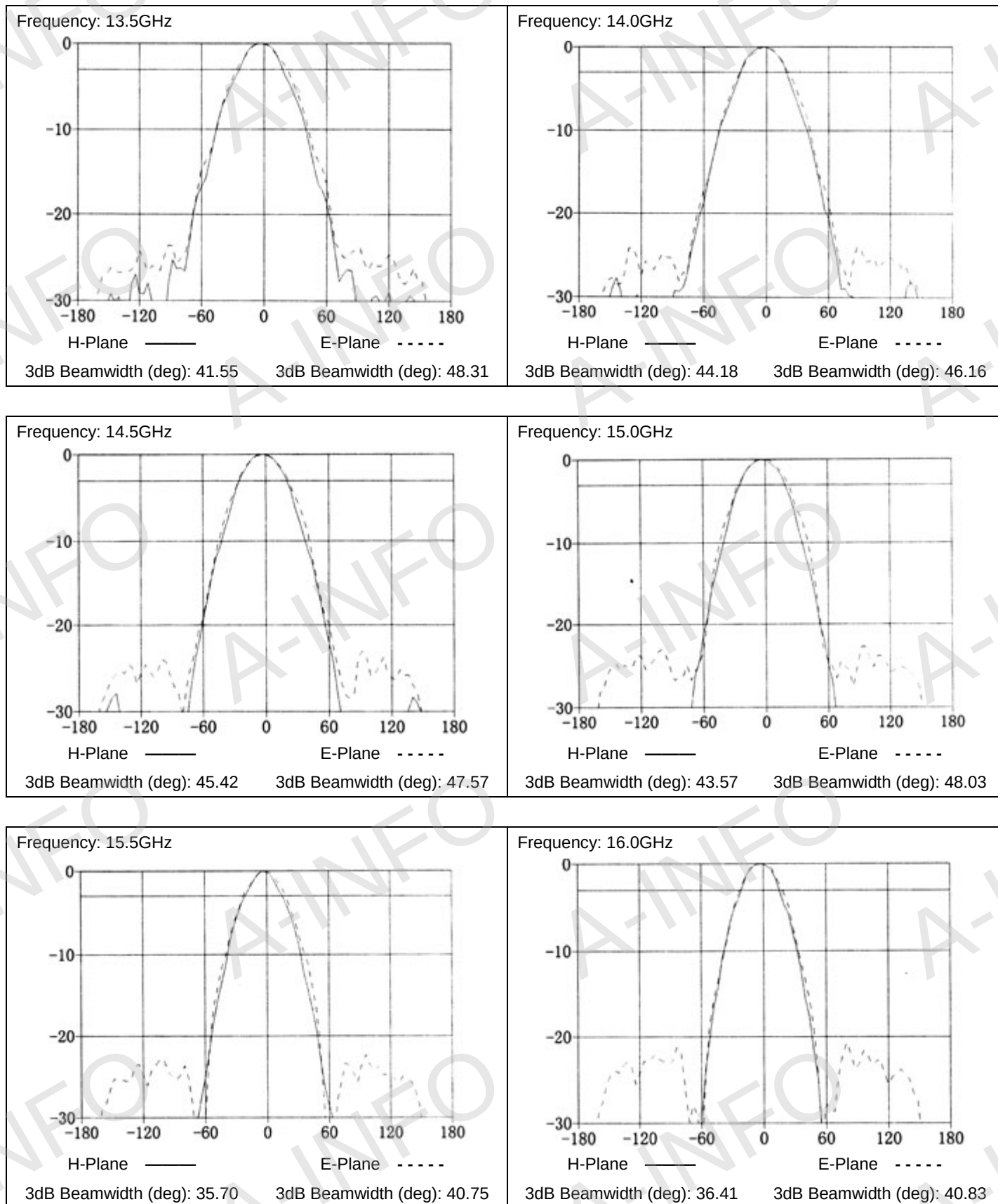


3. Cross Polarization Isolation

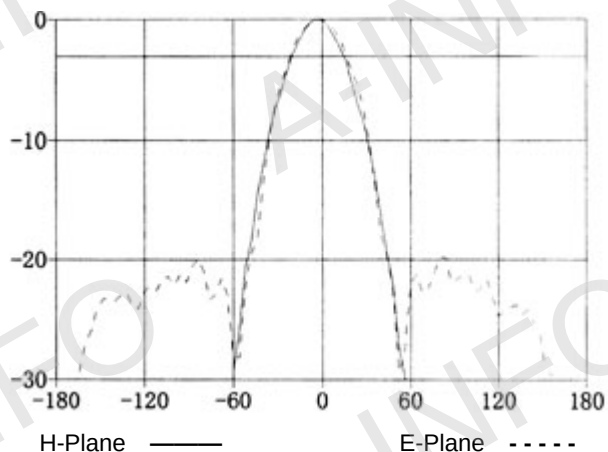


4. Pattern



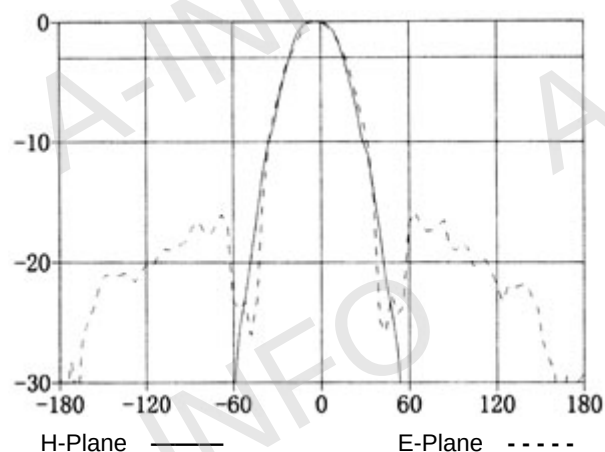


Frequency: 16.5GHz



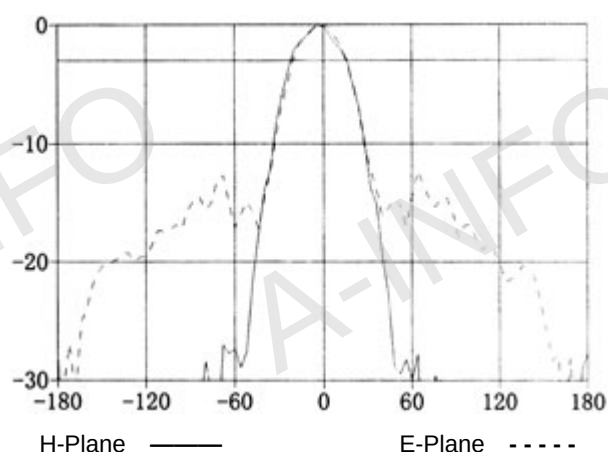
3dB Beamwidth (deg): 35.17 3dB Beamwidth (deg): 38.01

Frequency: 17.0GHz



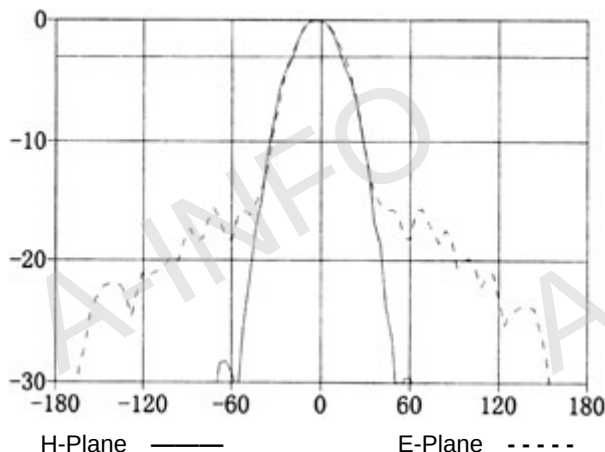
3dB Beamwidth (deg): 36.69 3dB Beamwidth (deg): 37.71

Frequency: 17.5GHz



3dB Beamwidth (deg): 38.01 3dB Beamwidth (deg): 35.82

Frequency: 18.0GHz



3dB Beamwidth (deg): 32.75 3dB Beamwidth (deg): 36.18