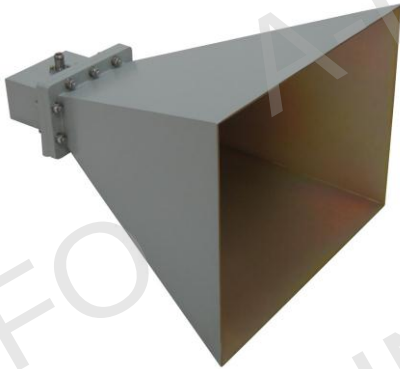


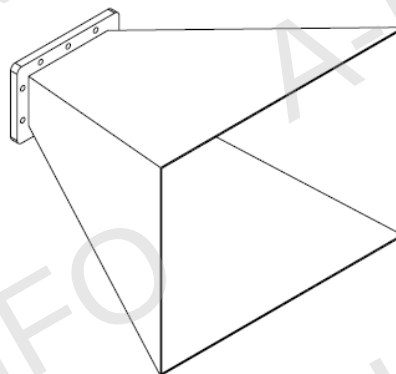
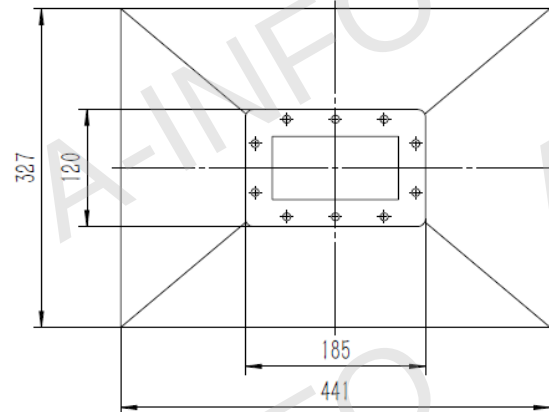
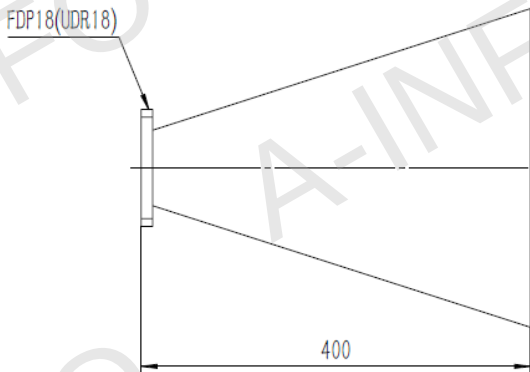
Technical Specification



Frequency Range(GHz)	1.45 - 2.20
Gain(dB)	15 Typ.
3dB Beamwidth(deg)	30 Typ.
Waveguide	WR510
Material	Al
Output	A Type: FDP18(UDR18) C Type: N-F or SMA-F or 7/16-F
Size(mm) W x H x L	A Type: 441x327x400 C Type: 441x327x511
Net Weight(Kg)	A Type: 3.4 Around C Type: 4.3 Around

Outline Drawing (Size: mm)

A Type (With FDP18 Output)



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Page 1 of 11

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(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

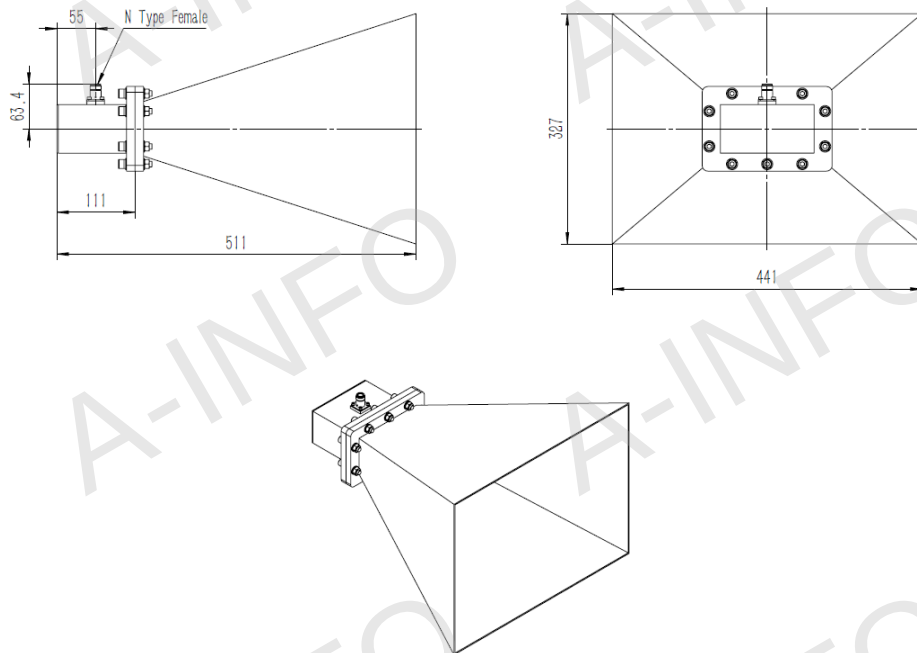
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

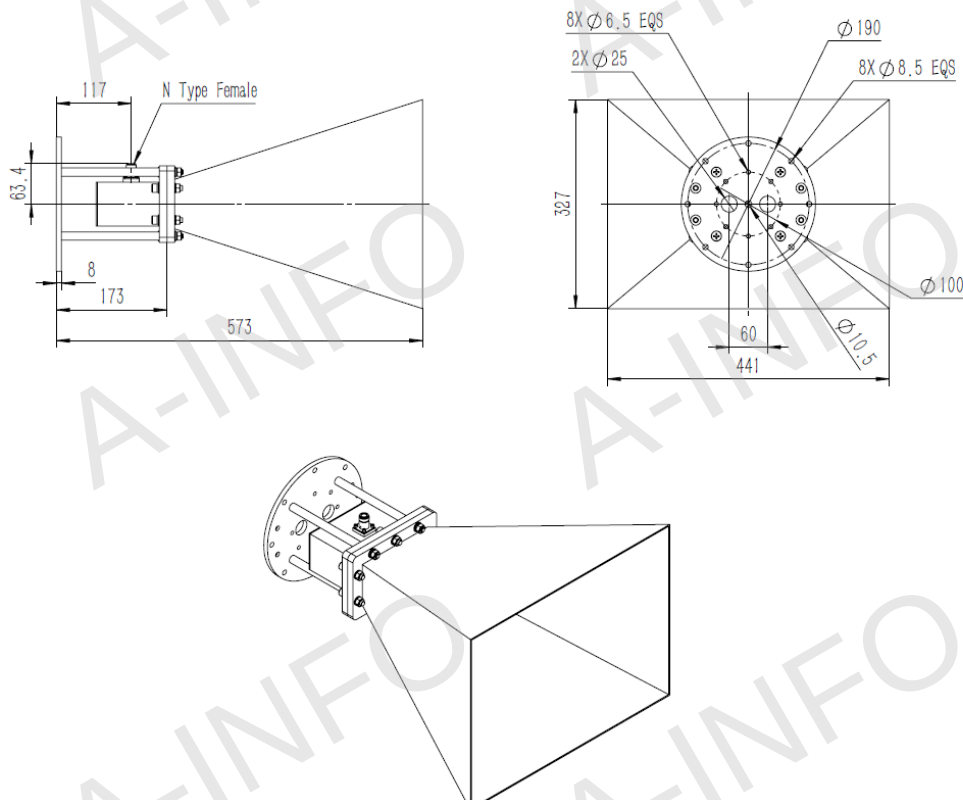
C Type (With N type Female Output)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



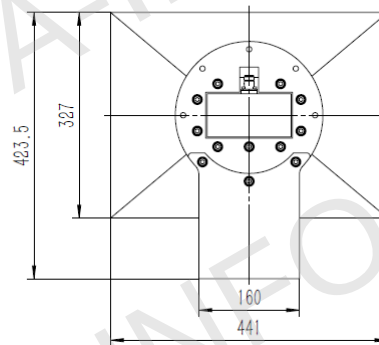
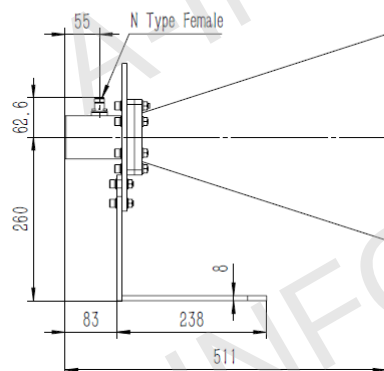
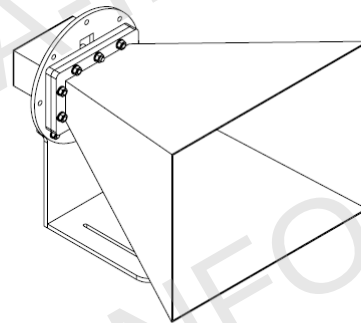
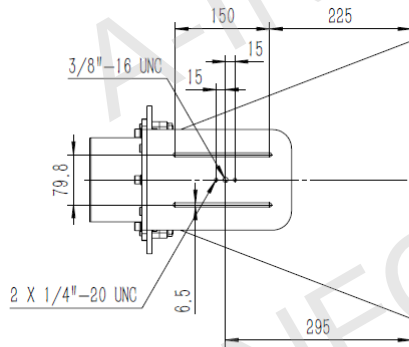
C Type (With N type Female Output & Round Mounting Bracket)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

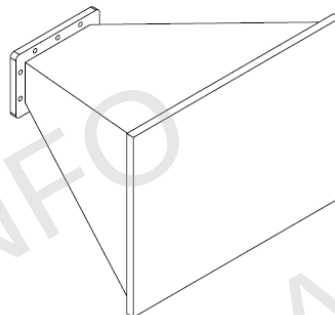
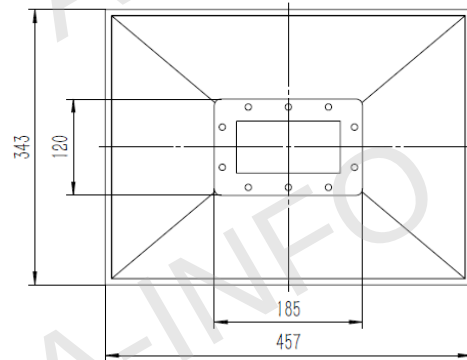
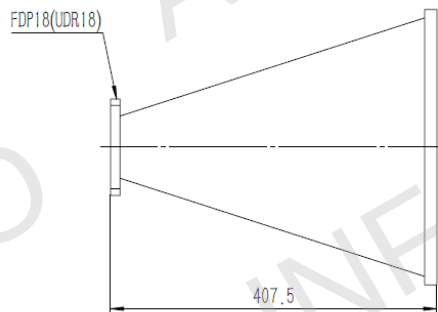


C Type (With N type Female Output & L Type Mounting Bracket)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

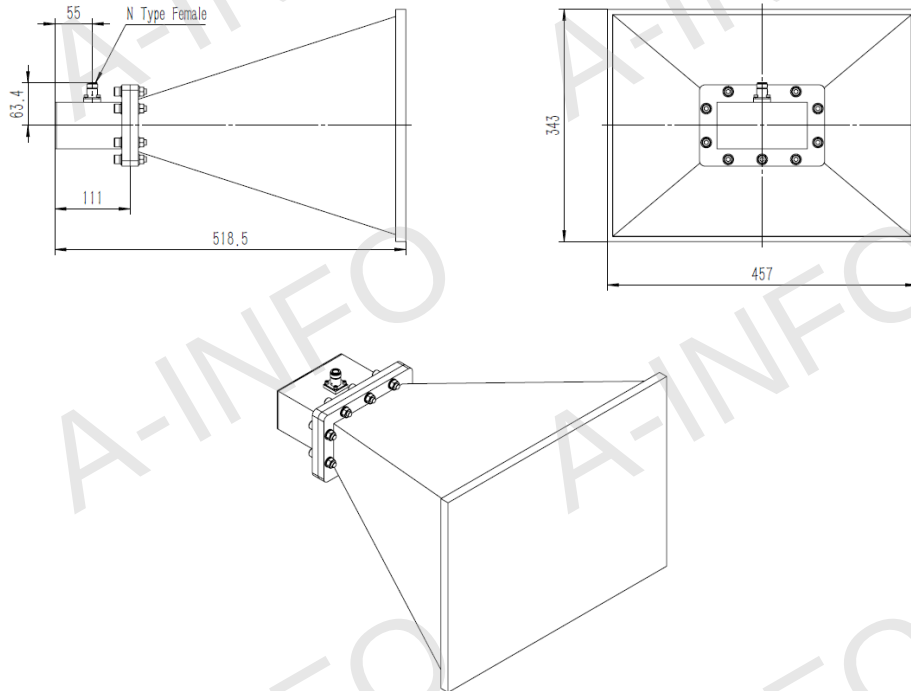


A Type (With Radome)



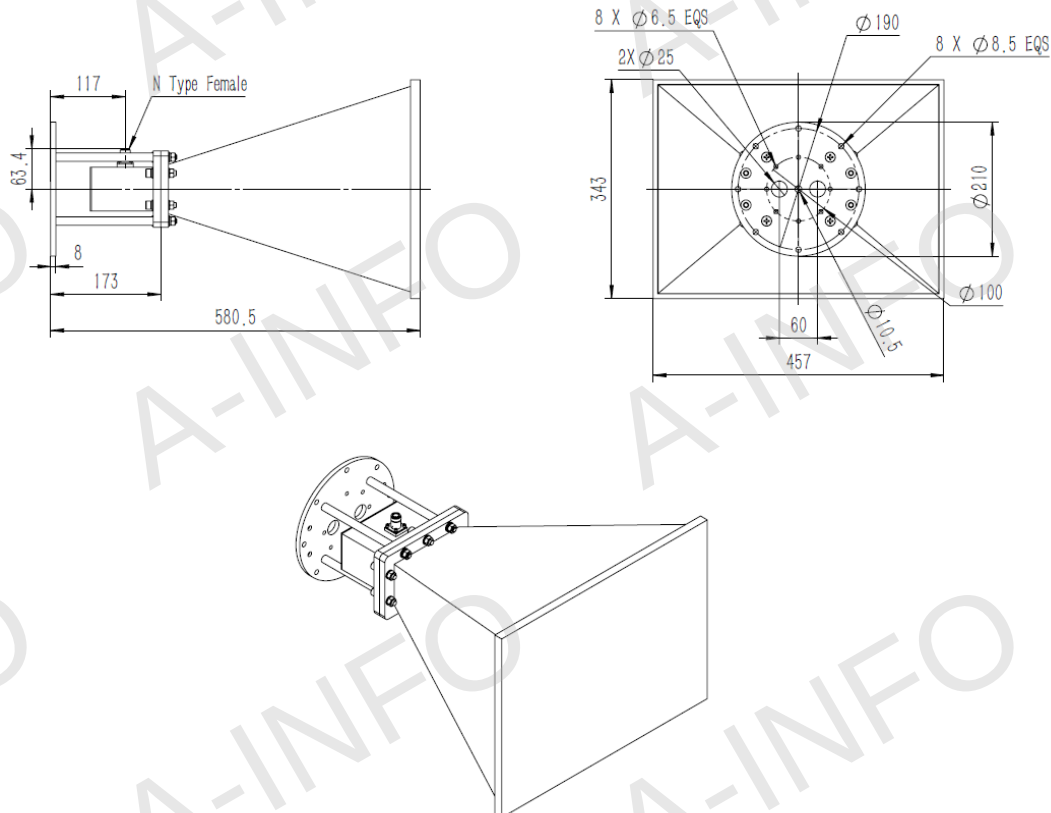
C Type (With N type Female Output & Radome)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



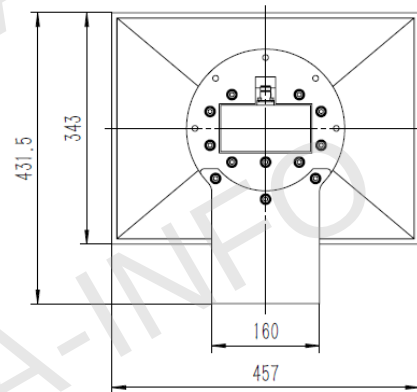
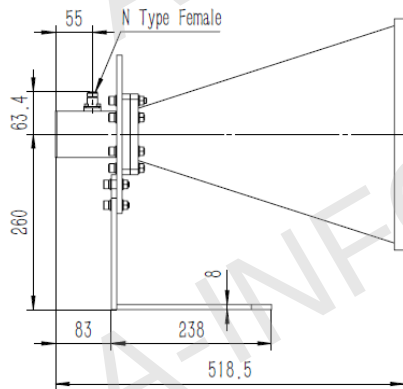
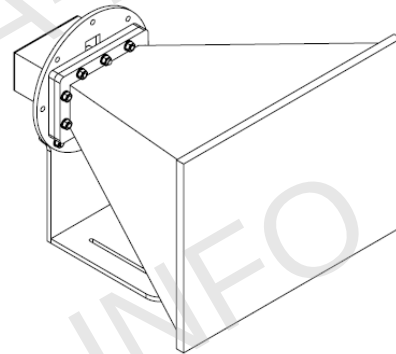
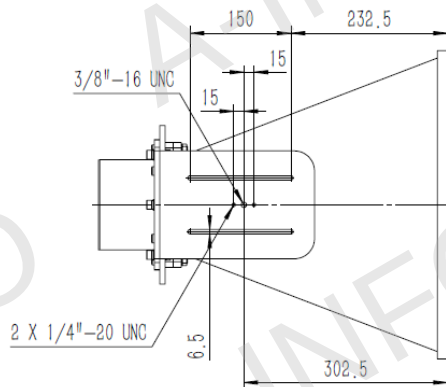
C Type (With N type Female Output & Round Mounting Bracket & Radome)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

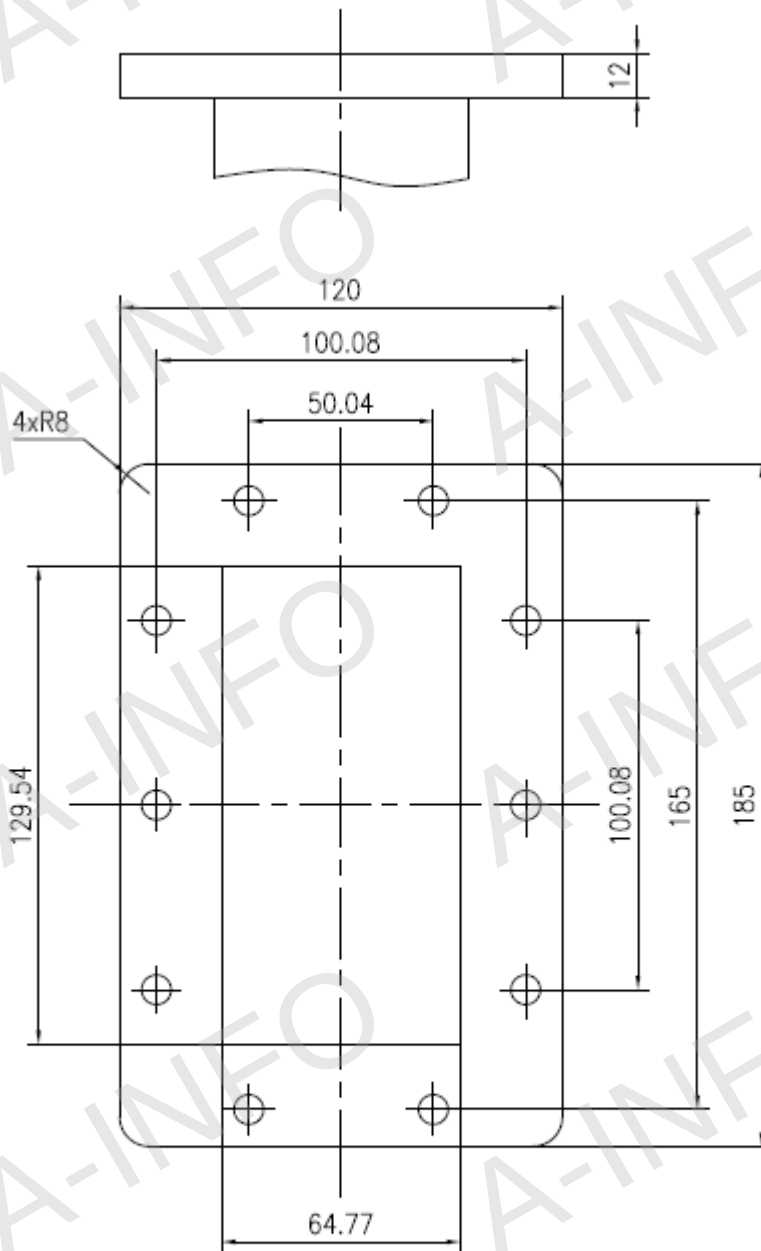


C Type (With N type Female Output & L Type Mounting Bracket & Radome)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FDP18

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Page 6 of 11

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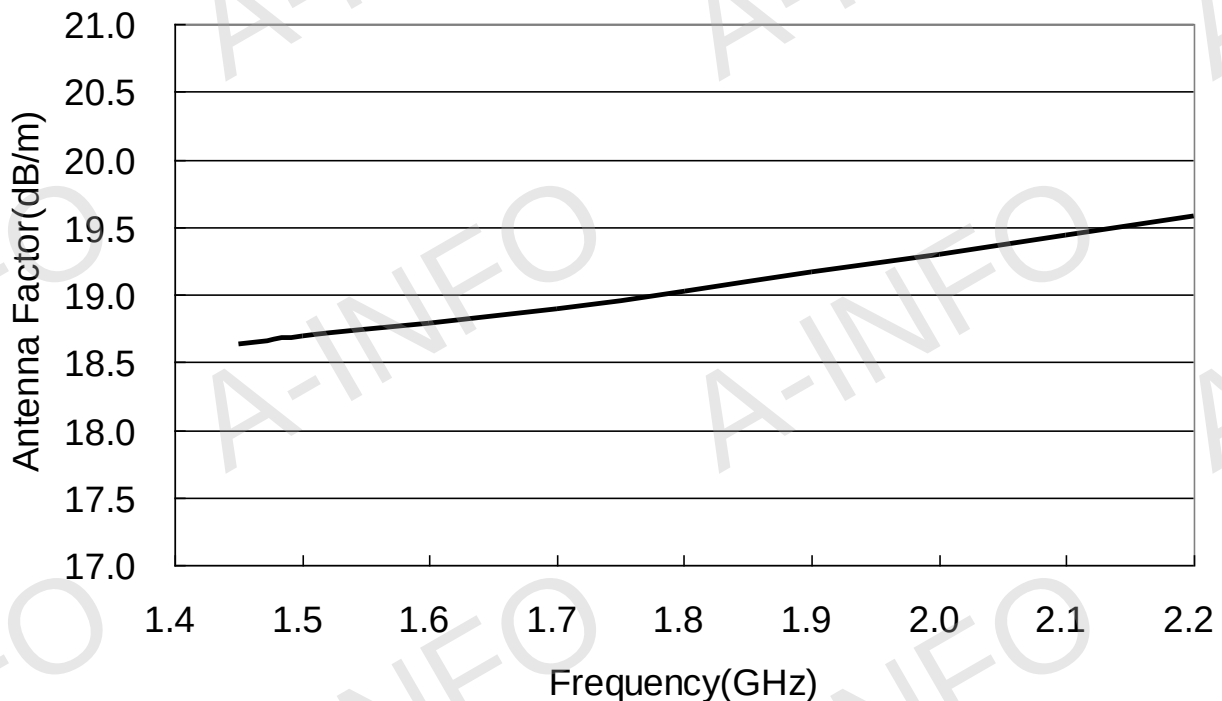
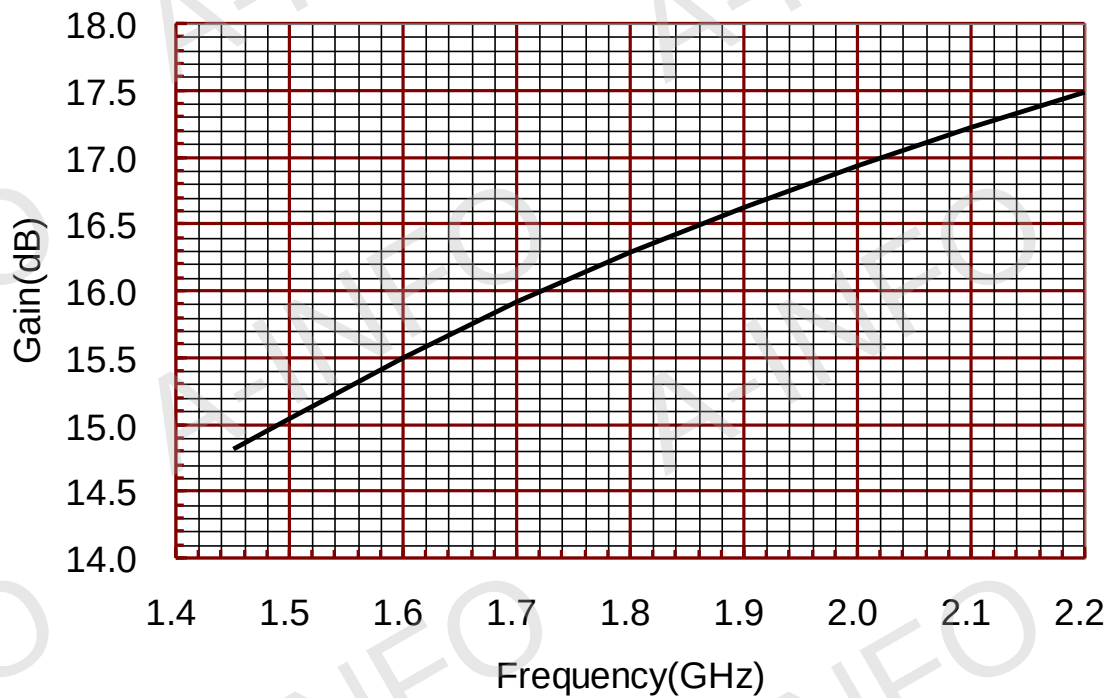
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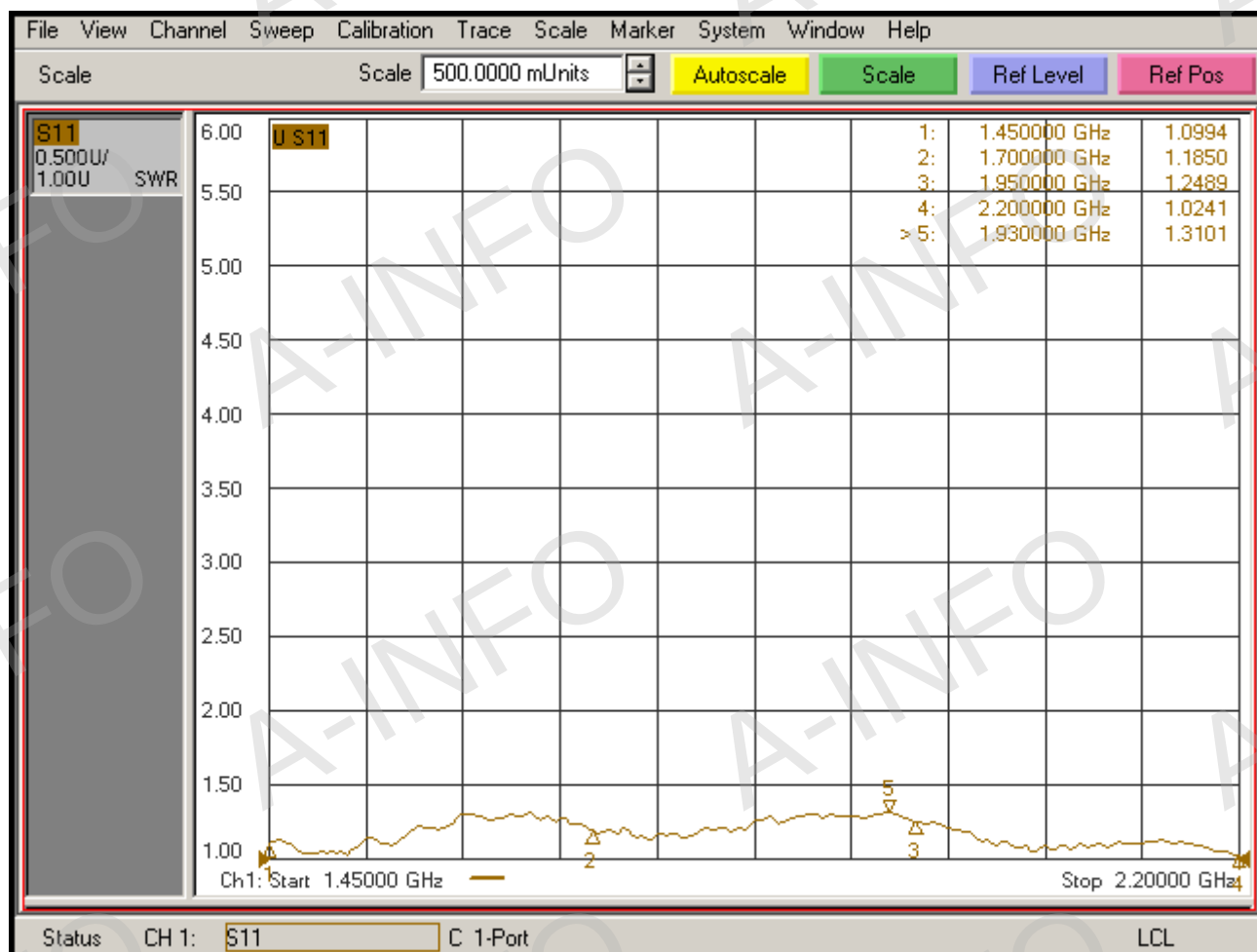
Test Results

1. Gain and Antenna Factor

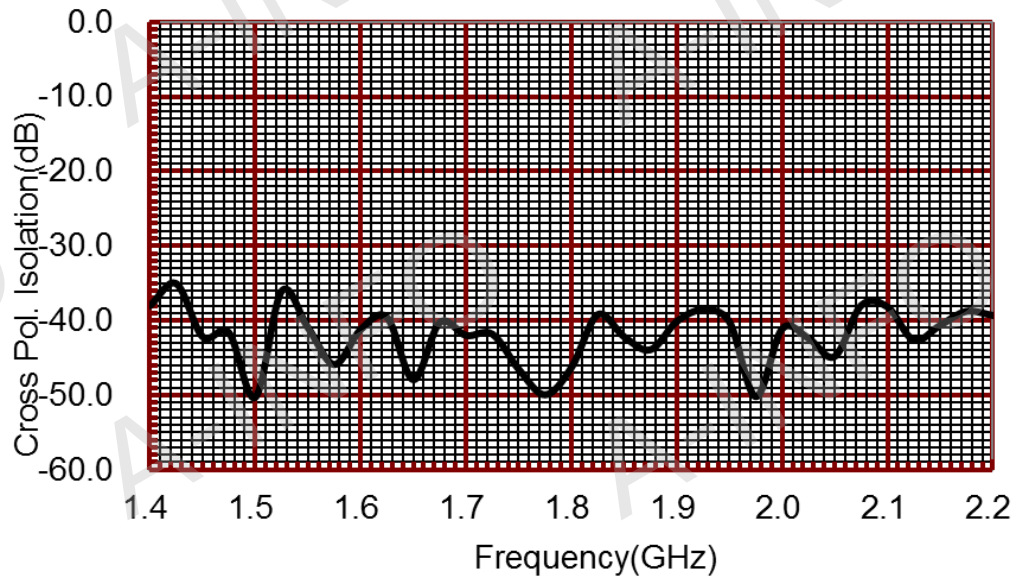


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
1.45	14.81	18.63
1.50	15.04	18.69
1.60	15.5	18.79
1.70	15.92	18.90
1.80	16.29	19.03
1.90	16.62	19.17
2.00	16.94	19.29
2.10	17.22	19.43
2.20	17.48	19.58

2. VSWR



3. Cross Pol. Isolation



4. Pattern

