A-INFO

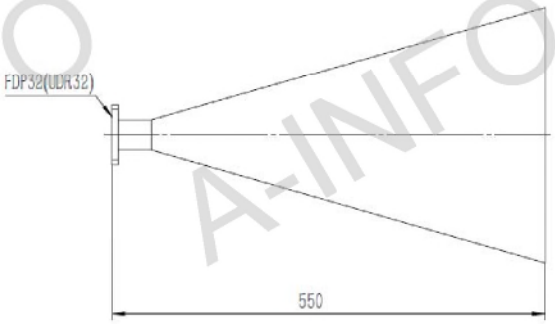
LB-284-20
2.60 - 3.95GHz Standard Gain Horn Antenna

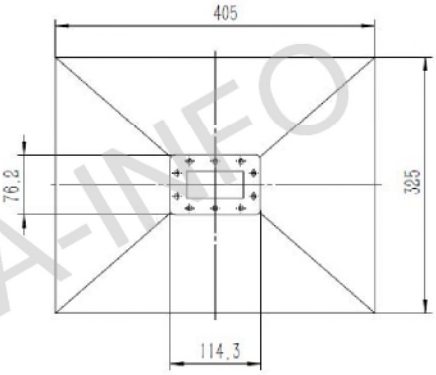
Technical Specification

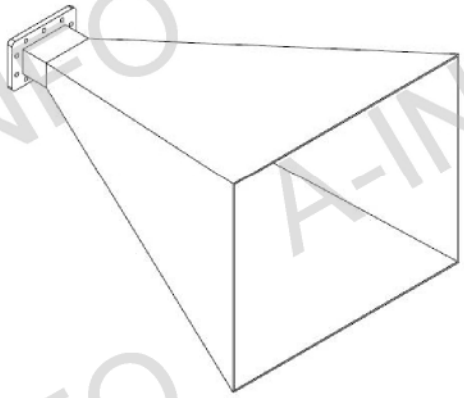
Frequency Range(GHz)	2.60 - 3.95
Gain(dB)	20 Typ.
3dB Beamwidth(deg)	18 Typ.
Waveguide	WR284
Material	Al
Output	A Type: FDP32(UDR32)C Type: N-F or SMA-F or 7/16-F
Size(mm)	A Type: 405x325x550 C Type: 405x325x629
Net Weight(Kg)	A Type: 3.2 Around C Type: 3.6 Around

Outline Drawing (Size: mm)

A Type (With FDP32 Output)







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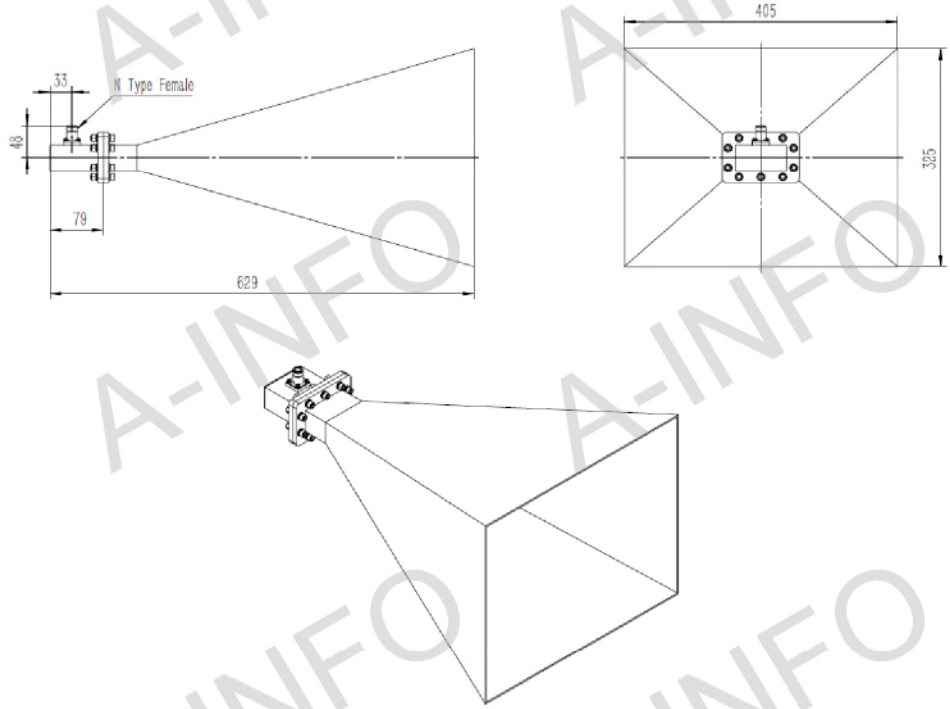
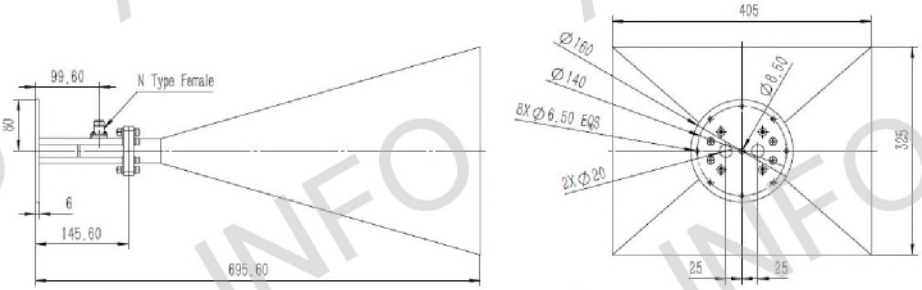
C Type (With N type Female Output)

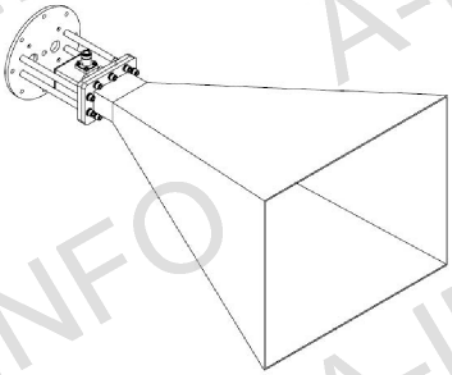
For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



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

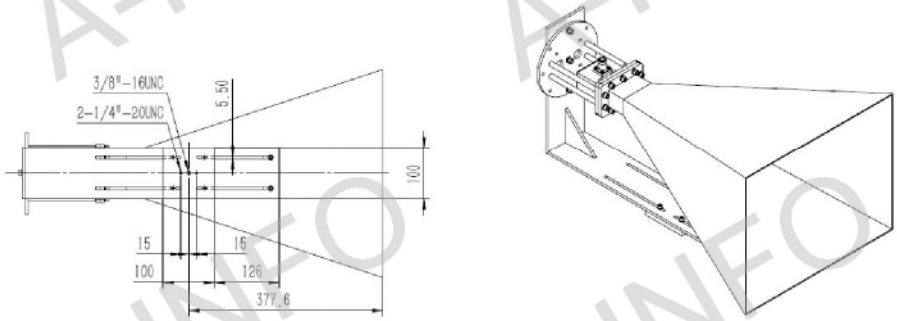
For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

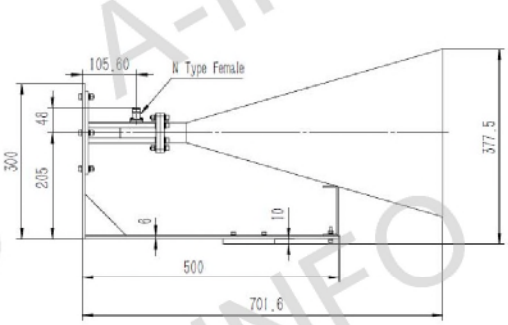


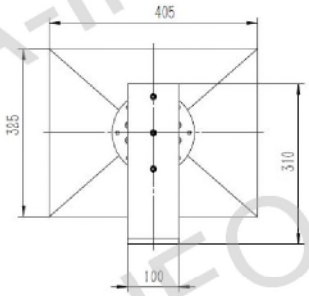


C Type (With N type Female Output & & L Type Mounting Bracket)

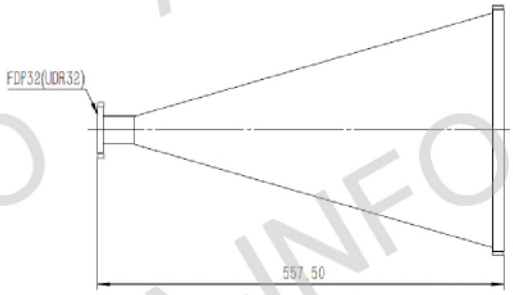
For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

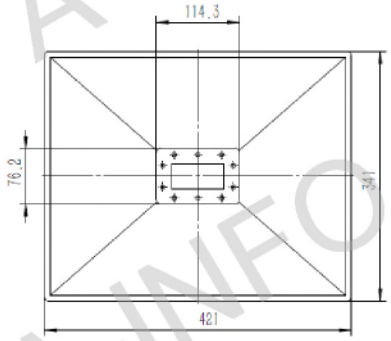


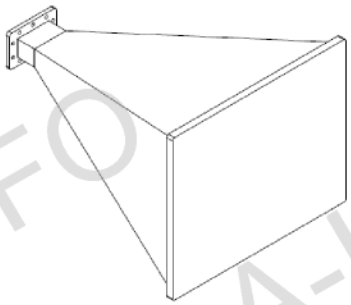




A Type (With Radome)

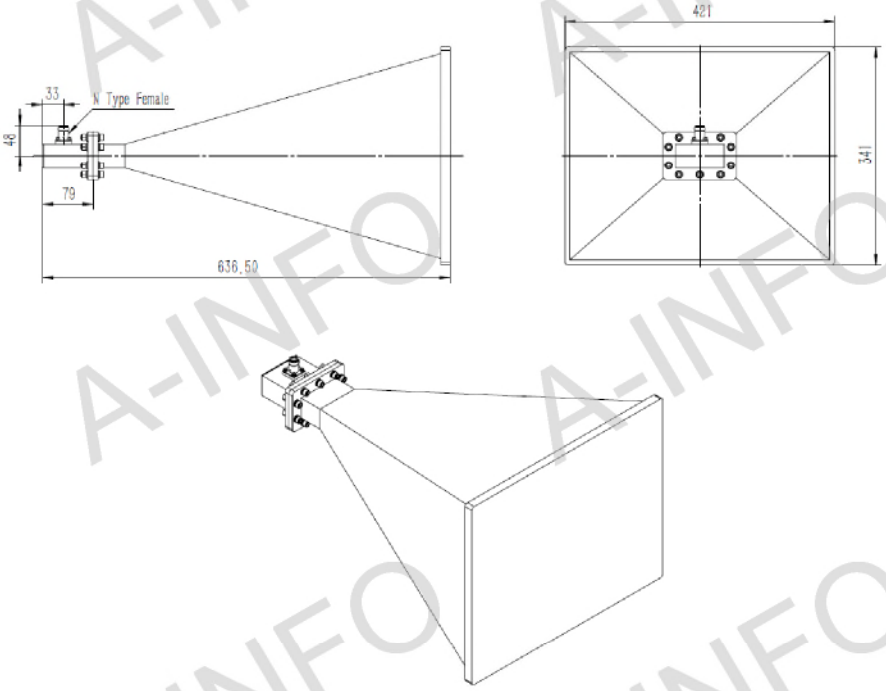






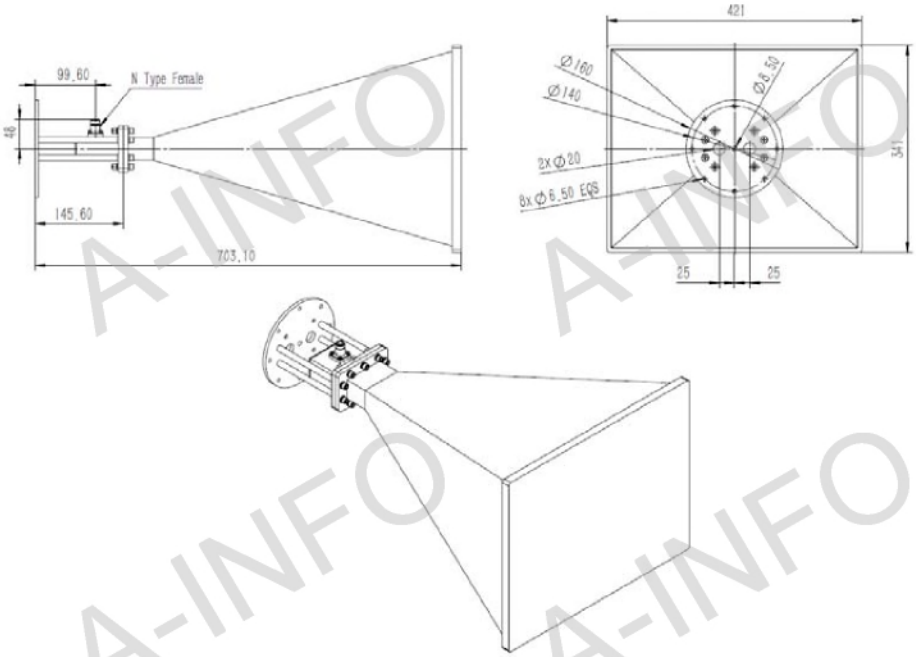
C Type (With N type Female Output & Radome)

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



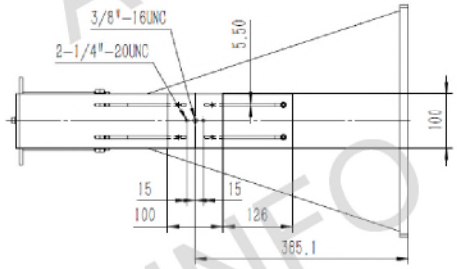
C Type (With N type Female Output & Round Mounting Bracket & Radome)

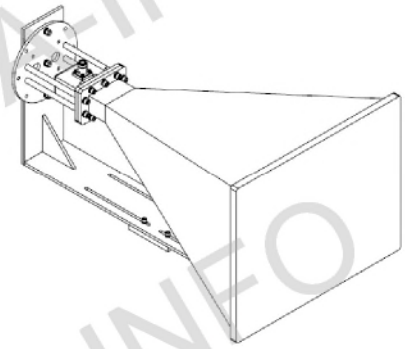
For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

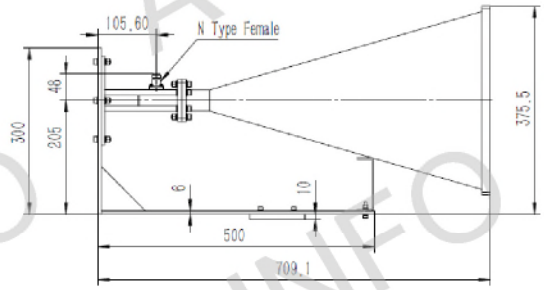


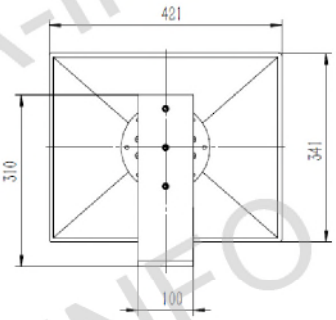
C Type (With N type Female Output & L Type Mounting Bracket & Radome)

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

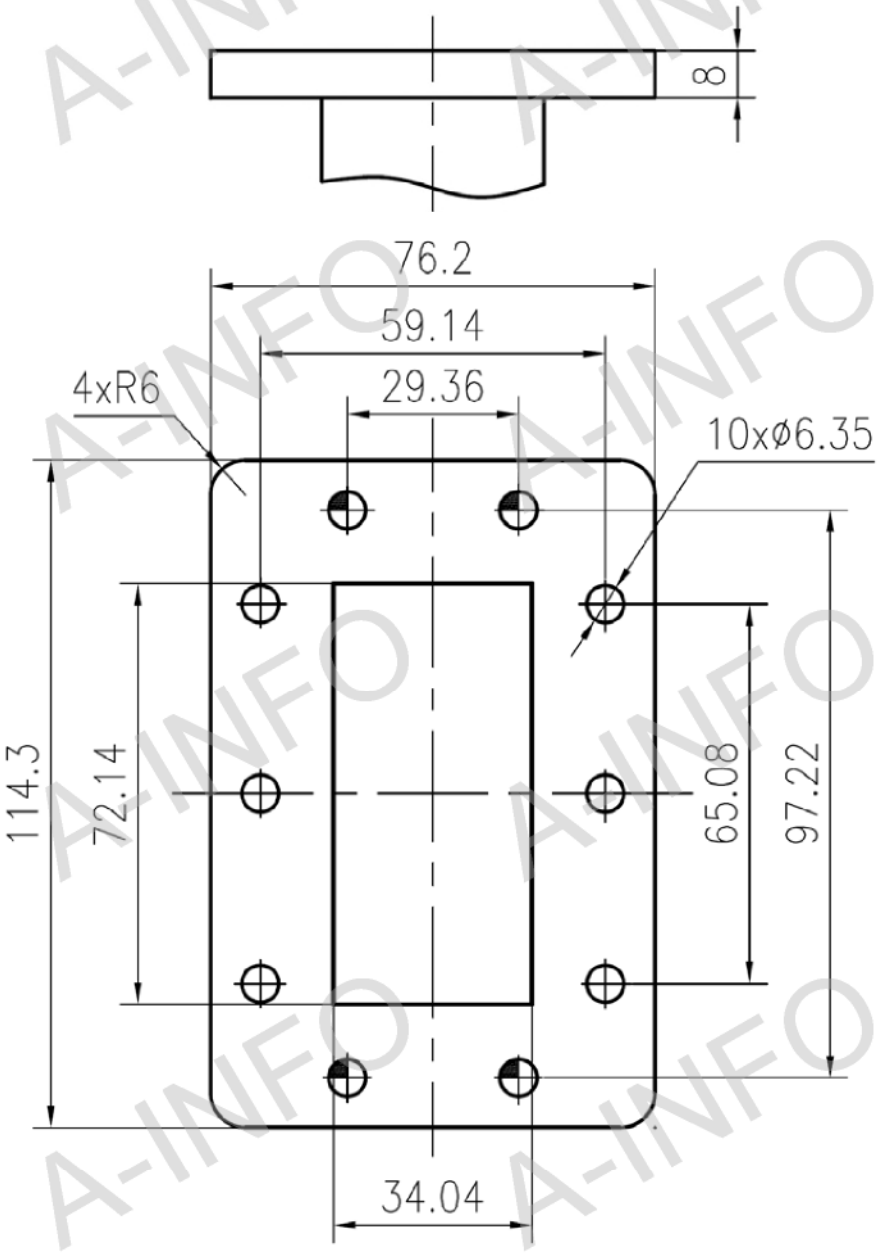








Flange Drawing (Size: mm)



FDP32

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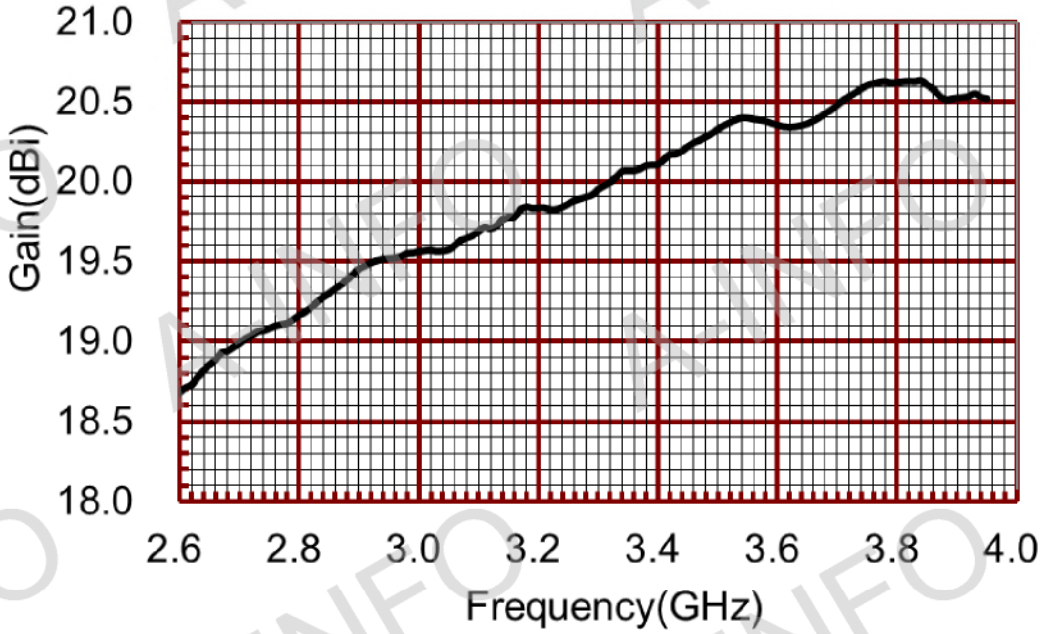
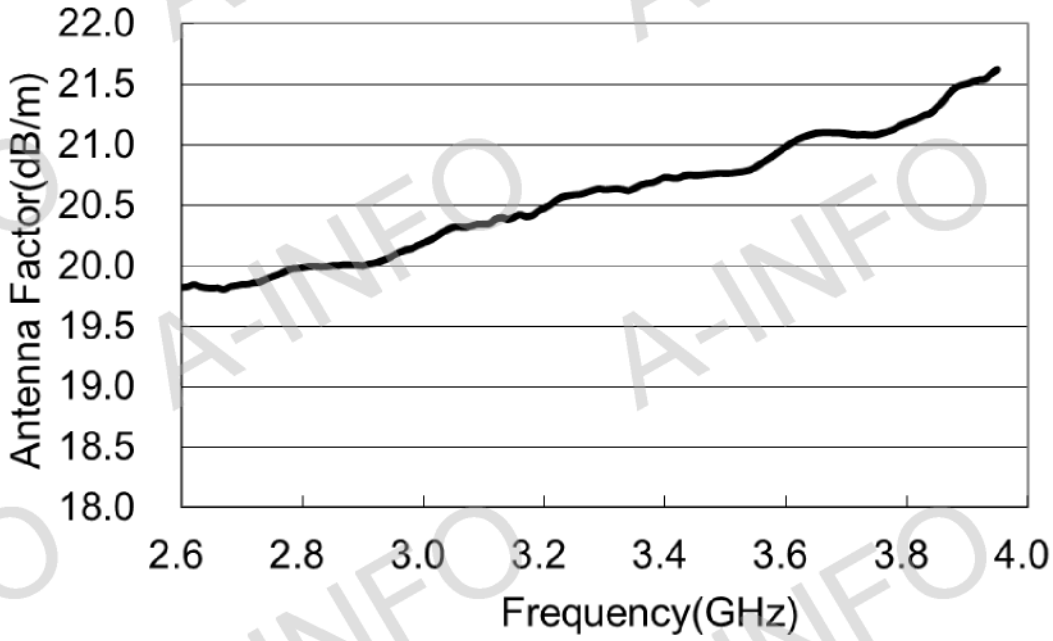
Test Results

1. Gain and Antenna Factor

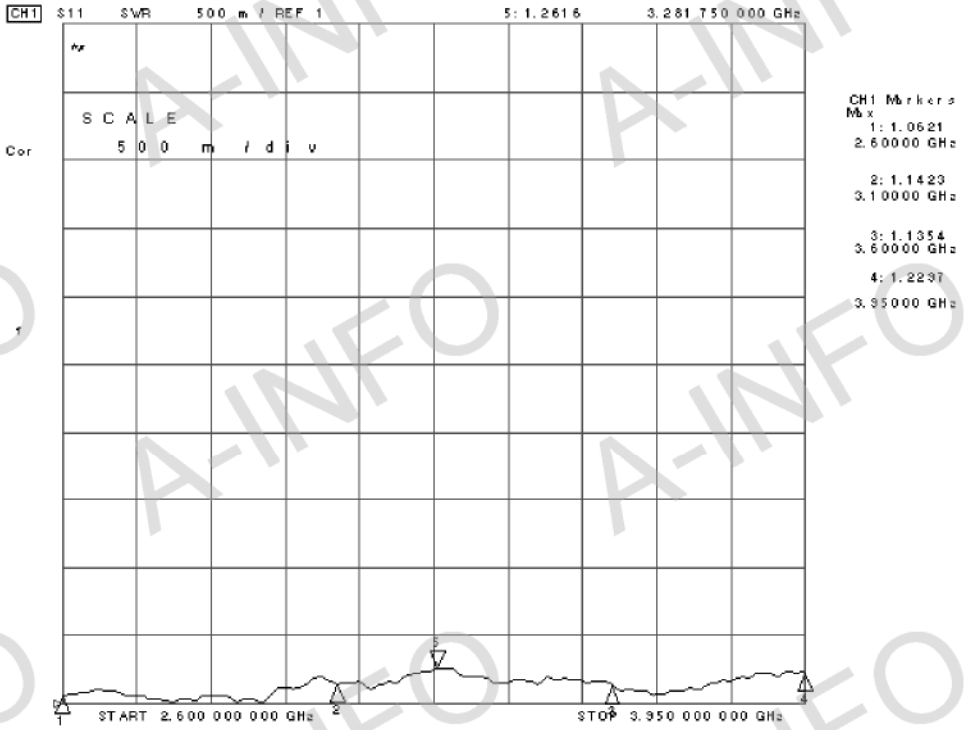




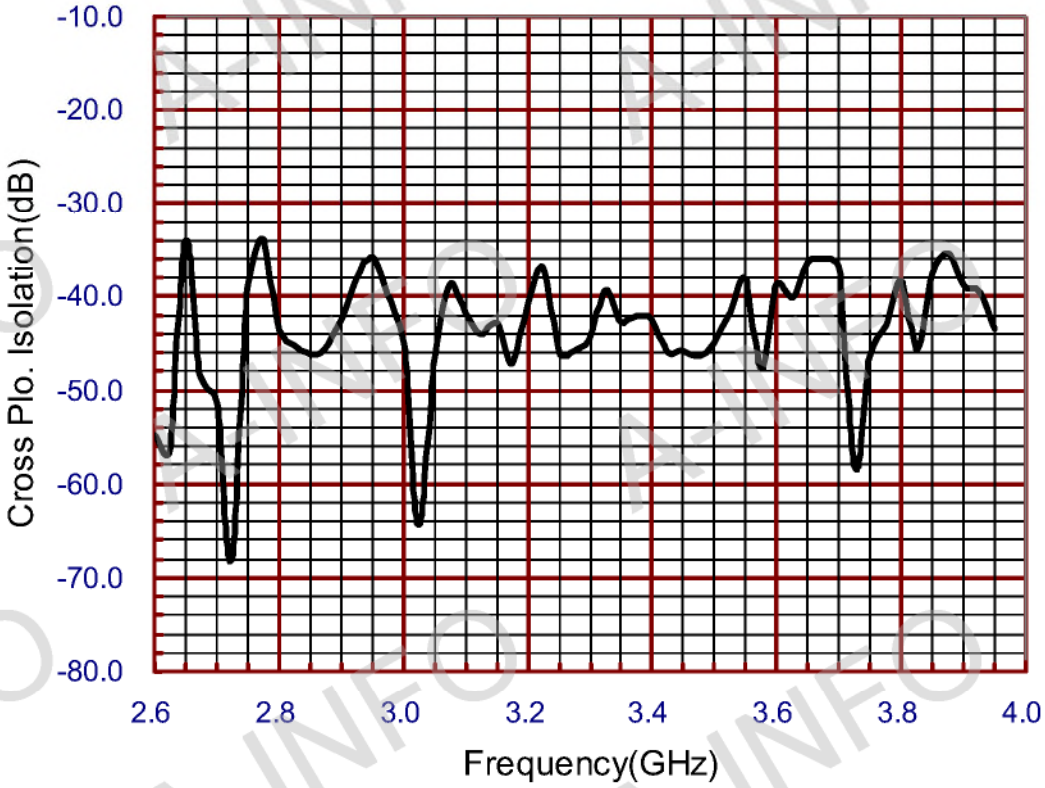
A-INFO

Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
2.60	18.68	19.83
2.70	18.99	19.85
2.80	19.16	19.99
2.90	19.45	20.00
3.00	19.56	20.19
3.10	19.69	20.35
3.20	19.83	20.48
3.30	19.95	20.63
3.40	20.11	20.73
3.50	20.32	20.77
3.60	20.35	20.99
3.70	20.48	21.09
3.80	20.62	21.18
3.90	20.53	21.50
3.95	20.52	21.62

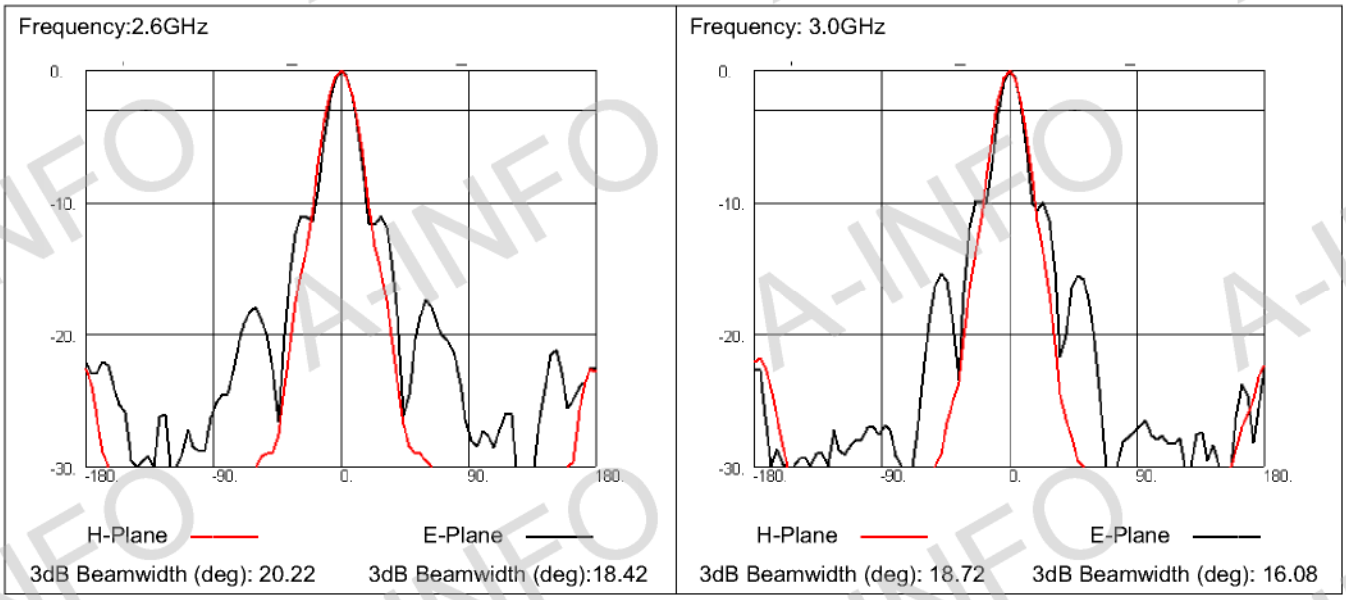
2. VSWR



3. Cross Polarization Isolation



4. Pattern



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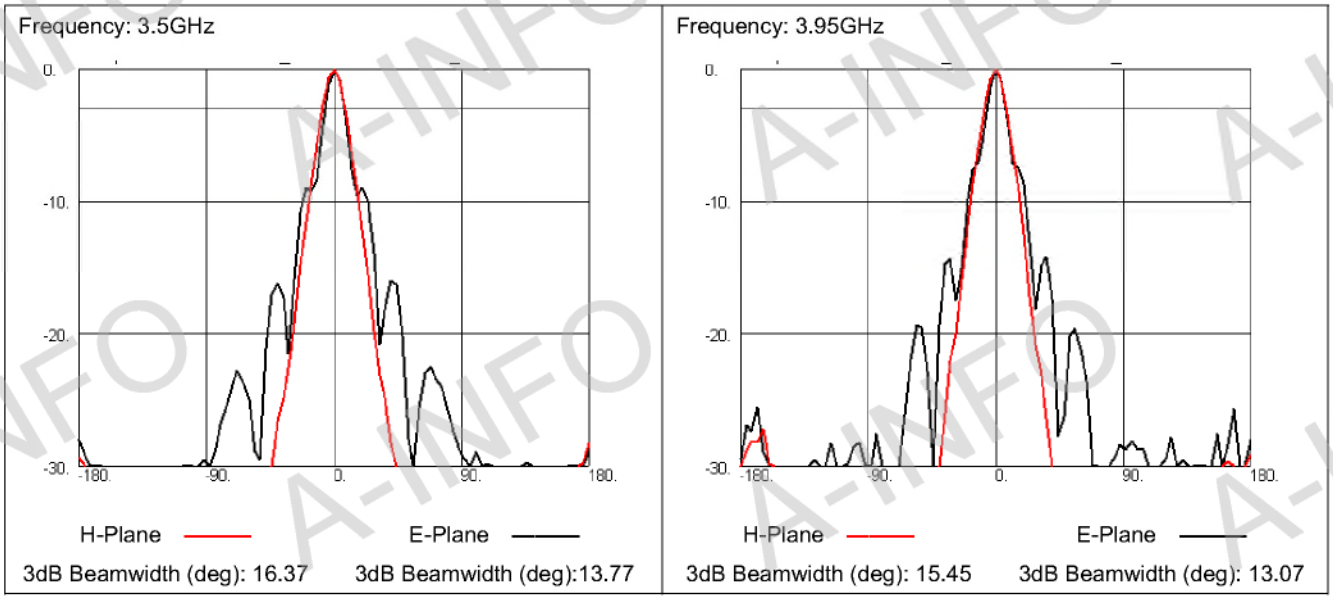
LB-284-20
2.60 - 3.95GHz Standard Gain Horn Antenna



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