

## AT-H-7.85-9.5-N



7.85-9.5 GHz linearly polarized horn antenna fitted with an N type connector

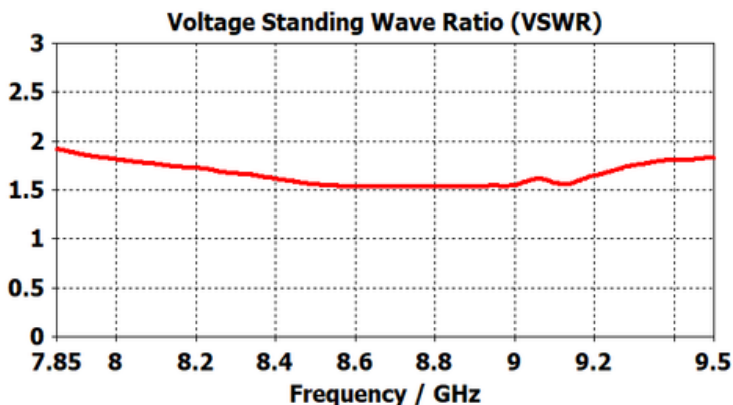
### Key Specifications

|                          |                         |
|--------------------------|-------------------------|
| Operating frequency band | 7.85 - 9.5 GHz          |
| Connector                | N type female           |
| VSWR                     | < 2:1                   |
| Gain                     | >20 dBi                 |
| 3dB Beamwidth            | 15 degrees              |
| Polarization             | linear                  |
| Size                     | length 28cm, width 20cm |
| Power                    | 200 W c.w.              |

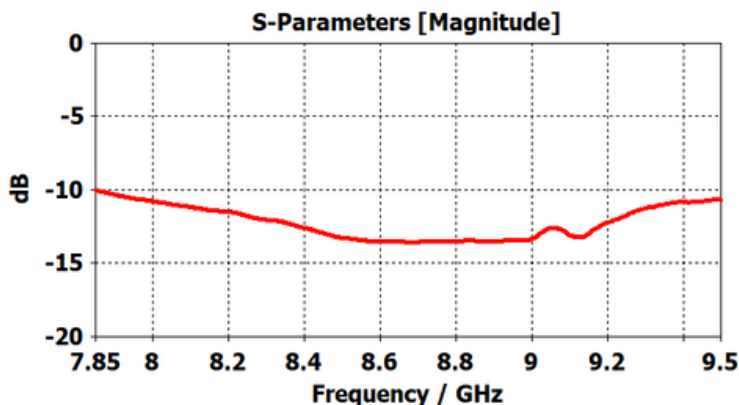
This X-band horn antenna operates across the 7.85–9.5 GHz frequency range and delivers high directional gain for focused RF transmission and reception. With more than 20 dBi gain, narrow beamwidth, and a precision-engineered structure, it is suitable for radar-related testing, high-gain communication links, antenna measurement, RF evaluation, sensing, and applications requiring accurate beam control at high frequencies.

Please contact AntennaTec for a full interface control drawing.

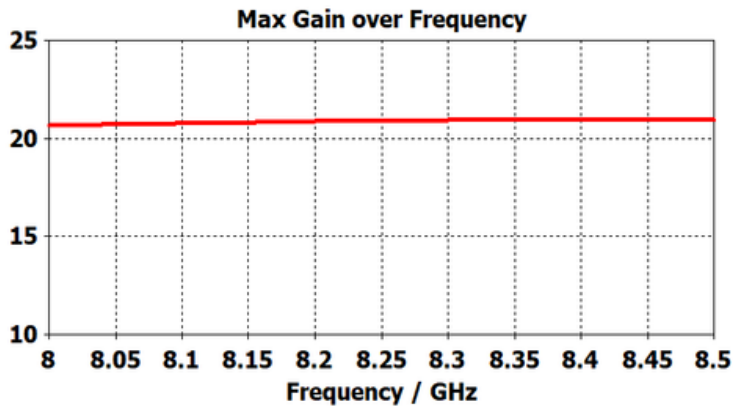
### VSWR



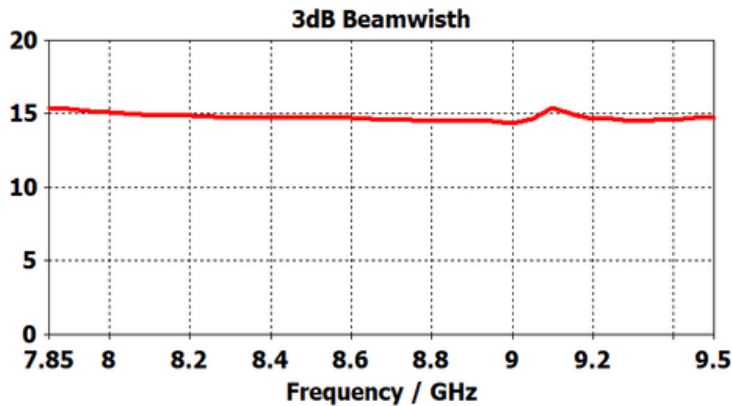
### S11



### Gain



### Beamwidth

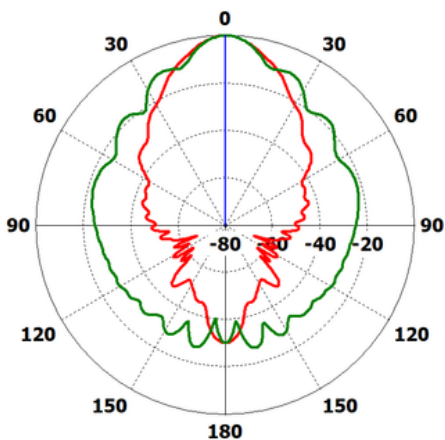


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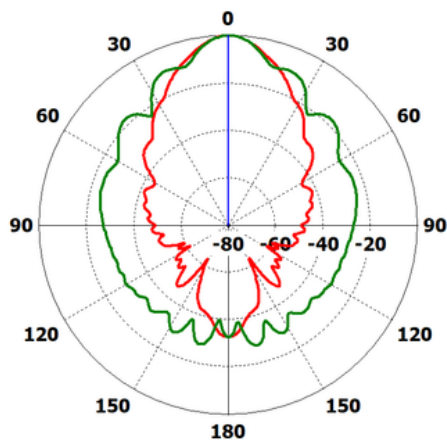


Radiation Patterns: Red = Phi 0; Green = Phi 90

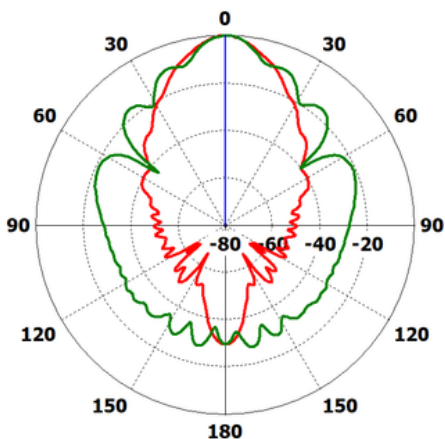
7.85GHz



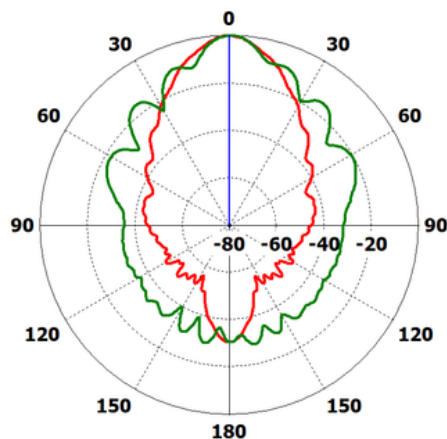
8GHz



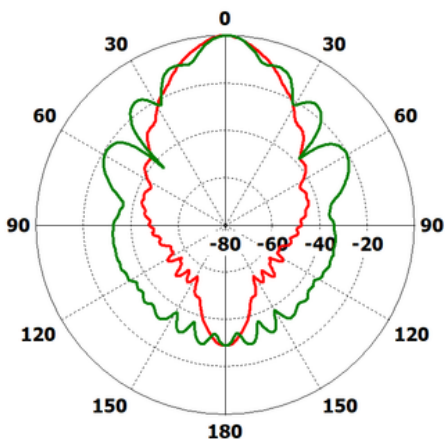
8.5GHz



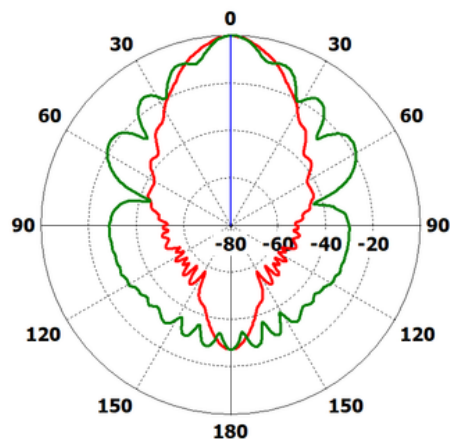
9GHz



9.25GHz



9.5GHz



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