

AT-H-7.85-9.5-N



Please contact AntennaTec for a full interface control drawing.

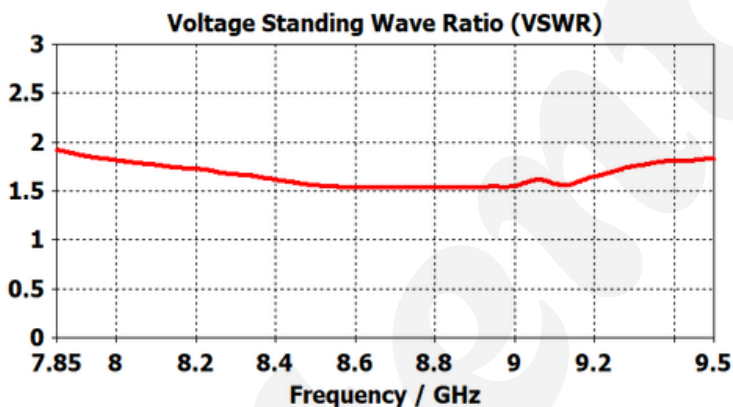
7.85-9.5 GHz linearly polarized horn antenna fitted with an N type connector

Key Specifications

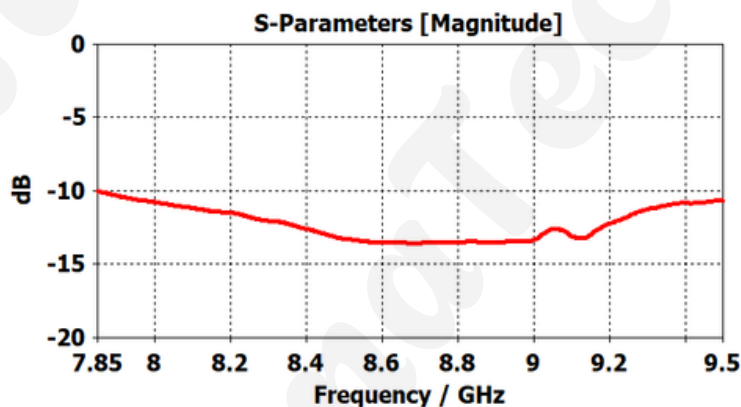
Operating frequency band	7.85 - 9.5 GHz
Connector	N type female
VSWR	< 2:1
Gain	>20 dBi
3dB Beamwidth	15 degrees
Polarization	linear
Size	length 28cm, width 20cm
Power	200 W c.w.

This X-band horn antenna operates across 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.

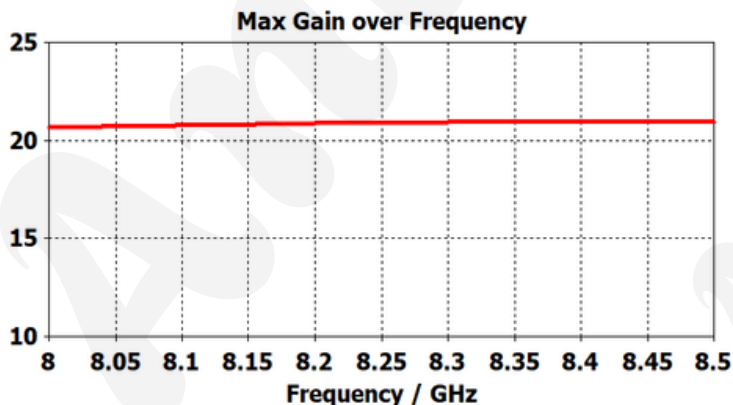
VSWR



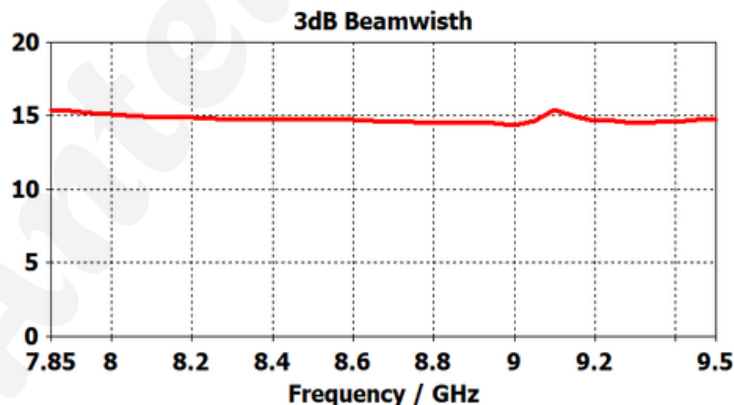
S11



Gain



Beamwidth

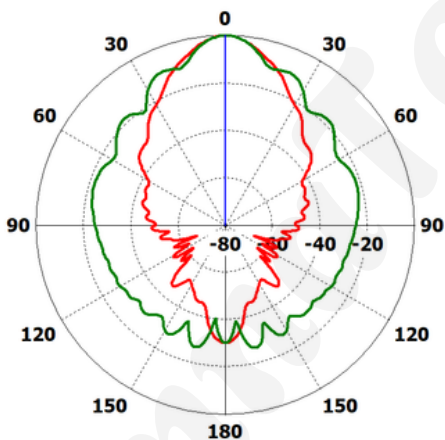


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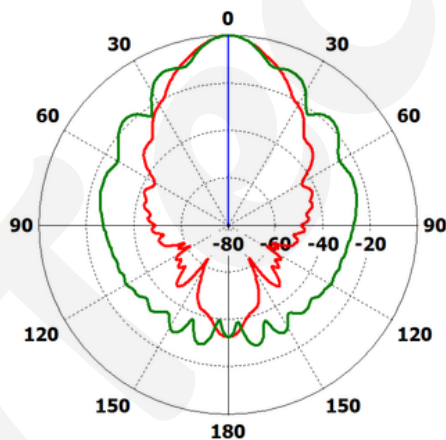


Radiation Patterns: Red = Phi 0; Green = Phi 90

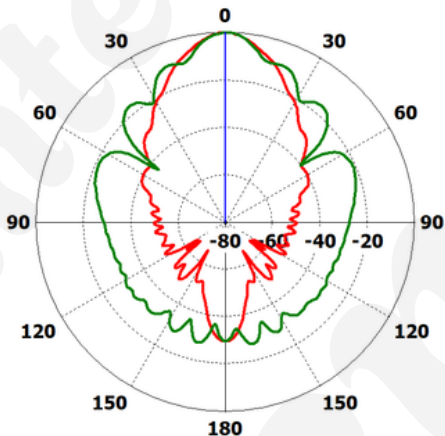
7.85GHz



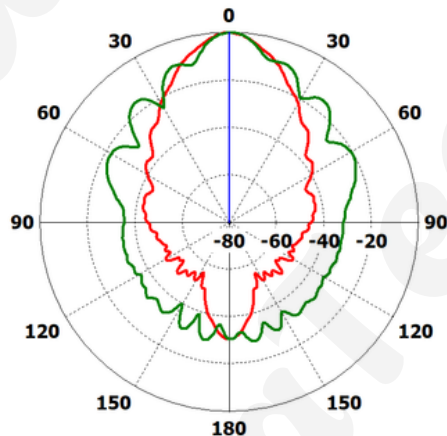
8GHz



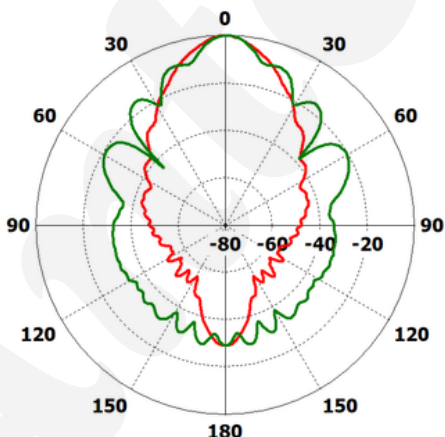
8.5GHz



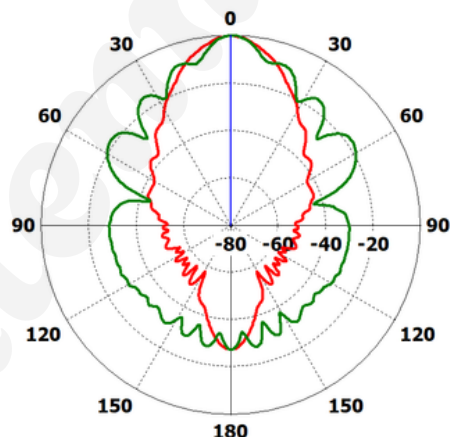
9GHz



9.25GHz



9.5GHz



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