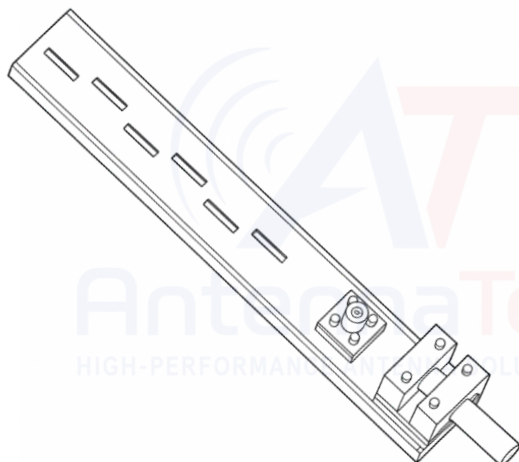


AT-SW-9.35-10.1-N



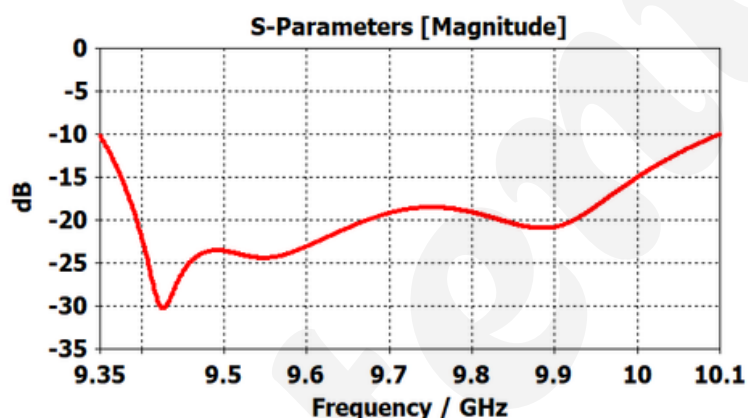
Please contact AntennaTec for a full interface control drawing.

Key Specifications

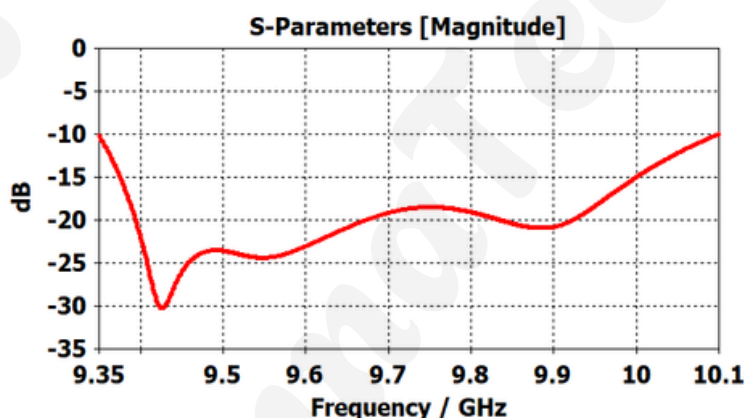
Operating frequency band	9.35 - 10.1 GHz
Connector	N-type
VSWR	< 2:1
Gain	11 dBi
3dB Beamwidth	12-14 degrees
Polarization	linear/vertical
Impedance	50 Ω

This X-band slotted waveguide antenna operates across the 9.35–10.1 GHz frequency range and provides stable linearly polarised directional performance for microwave RF applications. Its waveguide-fed slotted structure, 11 dBi gain, narrow 12–14° beamwidth, and low VSWR support efficient aperture radiation, focused beam coverage, and dependable signal transmission and reception. The antenna is suitable for radar-related testing, microwave communication links, RF measurement, antenna evaluation, sensing, monitoring, and field applications requiring compact mechanical integration, controlled directional coverage, and reliable high-frequency performance.

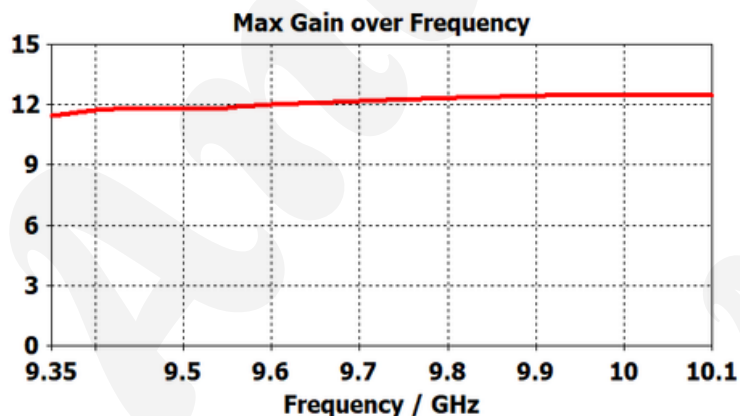
VSWR



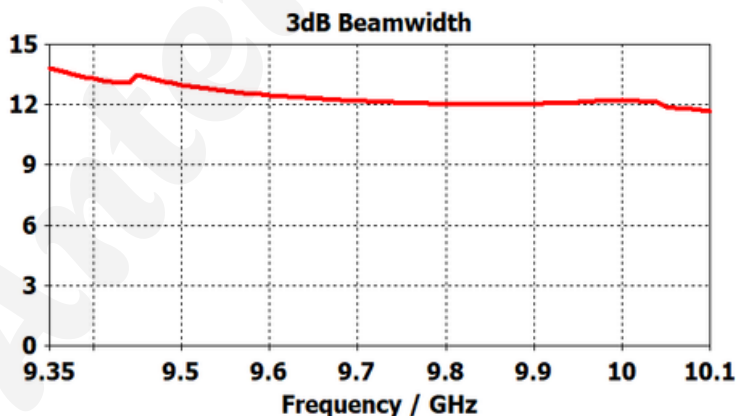
S11



Gain



3dB Beamwidth

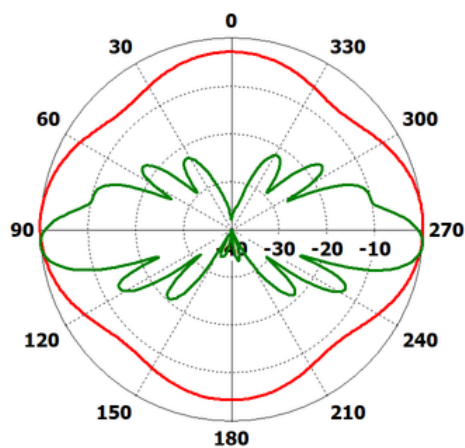


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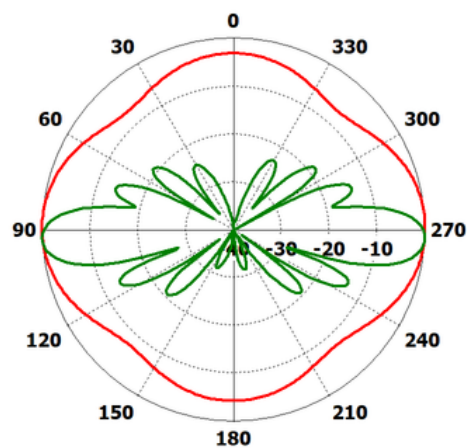


Radiation Patterns: Red = Theta 90; Green= Phi 90

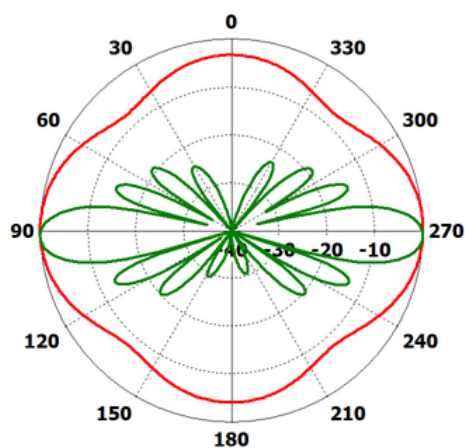
9.35GHz



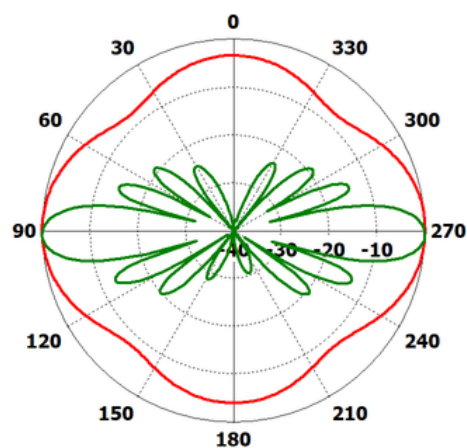
9.5GHz



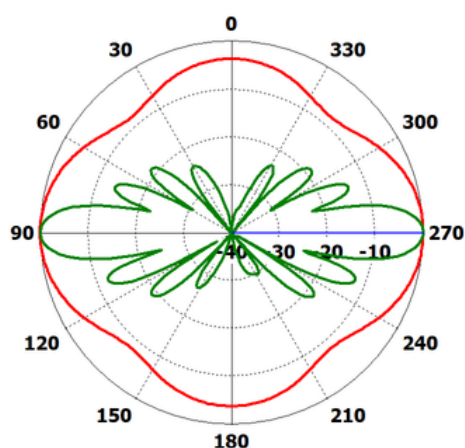
9.7GHz



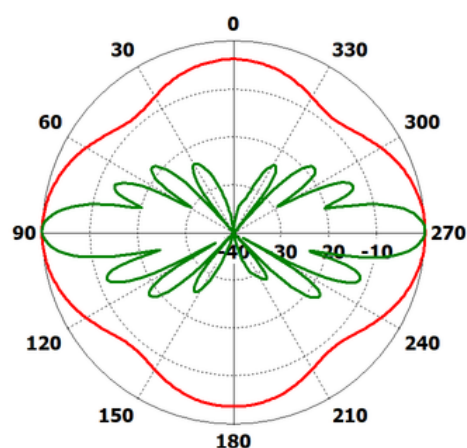
9.8GHz



10GHz



10.1GHz



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