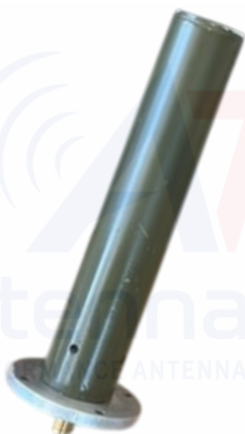


AT-HL-4.4-5-S



Please contact AntennaTec for a full interface control drawing.

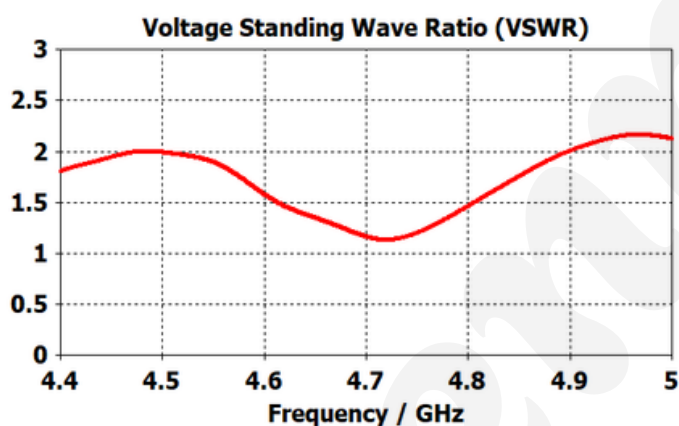
4.4-5 GHz helical circularly polarized antenna fitted with a SMA connector

Key Specifications

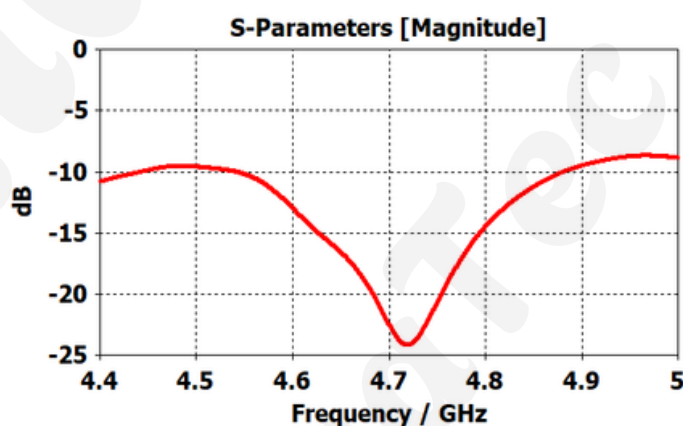
Operating frequency band	4.4-5 GHz
Connector	SMA
VSWR	< 2:1
Polarization	RHCP
Power	20 W
Dimensions	17 cm
Gain	4 dBi

This RHCP helical antenna covers the 4.4–5 GHz frequency range and delivers right-hand circularly polarised performance for compact high-frequency wireless links. Its lightweight structure, SMA connector, and stable polarisation response make it suitable for UAV communication, telemetry, tracking, video links, portable RF platforms, and field communication systems requiring compact integration and reliable circularly polarised operation.

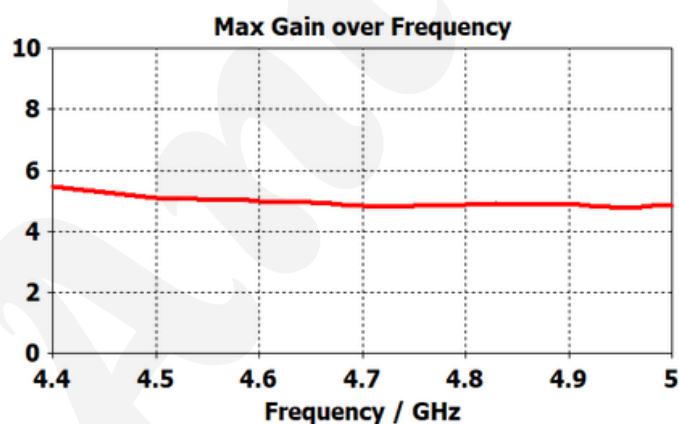
VSWR



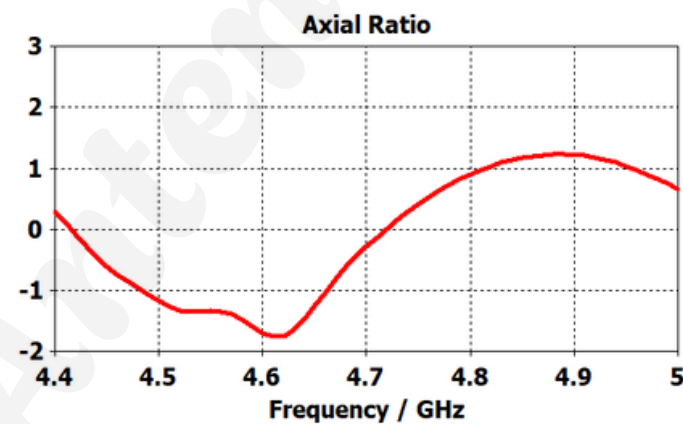
S11



Gain



Axial Ratio

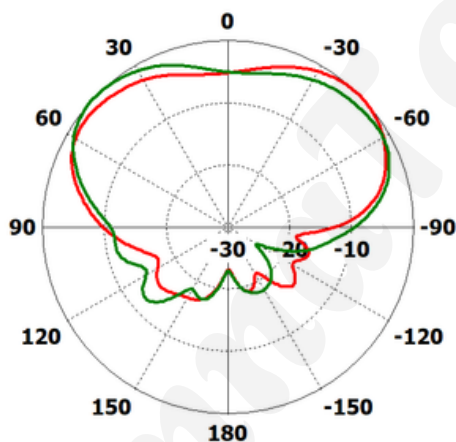


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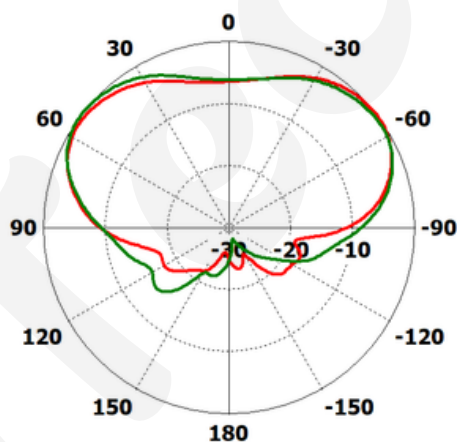


Radiation Patterns: Red = Phi 0; Green = Phi 90

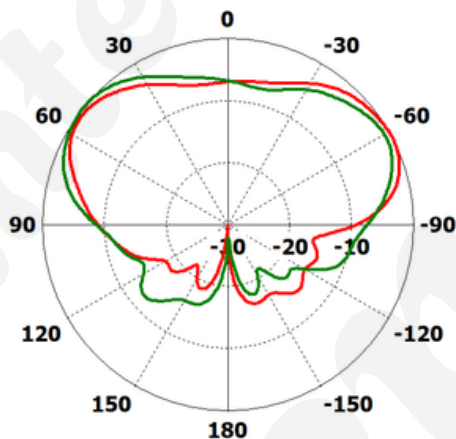
4.4GHz



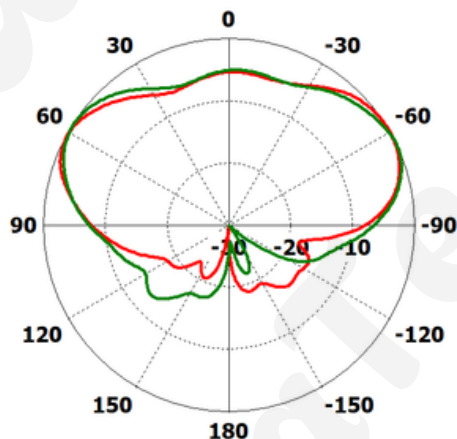
4.5GHz



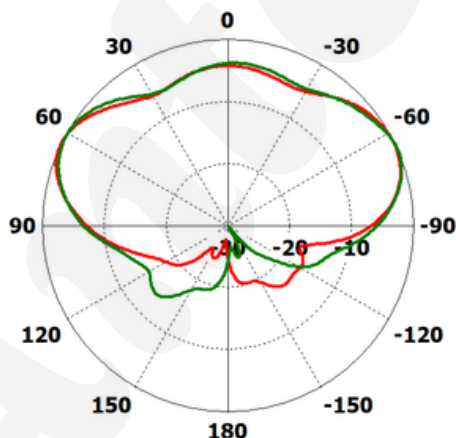
4.6GHz



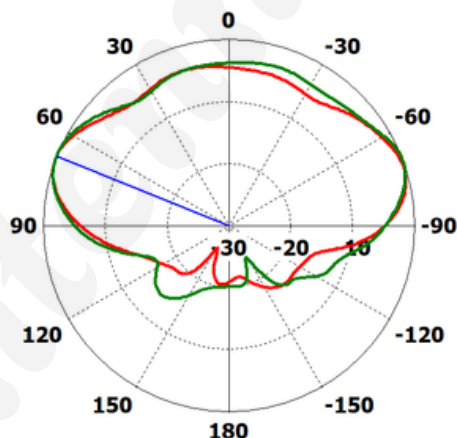
4.7GHz



4.8GHz



5GHz



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