


PRODUCT FEATURES:

- High gain
- High power
- Low VSWR

SPECIFICATIONS:

Electrical:	
Frequency range:	
Band A	1160 - 1260 MHz
Band B	1559 - 1610 MHz
Gain:	> 12 dBi (typical)
Beamwidth:	
Band A	29° (typical)
Band B	36° (typical)
Polarisation:	
Band A	RHCP
Band B	RHCP
Nominal impedance:	50 Ω
VSWR:	< 2.0:1
Power handling:	
Band A	100 W CW
Band B	100 W CW
Connector:	2 x N-type female
Mechanical:	
Overall length:	608 mm
Diameter:	98 mm (Radome A) 64 mm (Radome B) 248 x 432 mm (Mounting flange)
Weight:	< 3 kg including bracket
Material:	Aluminium, Stainless steel, Acetal, Fibreglass
Colour	Painted on request
Environmental: designed to meet the following specifications	
Temperature range	Storage: -41 °C to +71 °C. Operation -31 °C to +55 °C
Weatherproofing	IP 66

PRODUCT OVERVIEW:

HELI-A0104 is a dual port helical spiral, right-hand circularly polarised antenna designed operating in the 1160 - 1260 MHz and 1559 - 1610 MHz bands. The antenna provides broad beam coverage without nulls or reduction in performance.

The antenna features a low VSWR and high gain over both operating bands with a light weight, yet robust radome to protect the radiator.

**AUTHORIZED USA
DISTRIBUTION BY:**

Cyntony Corporation
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 Lexington, Massachusetts
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 781-430-0675



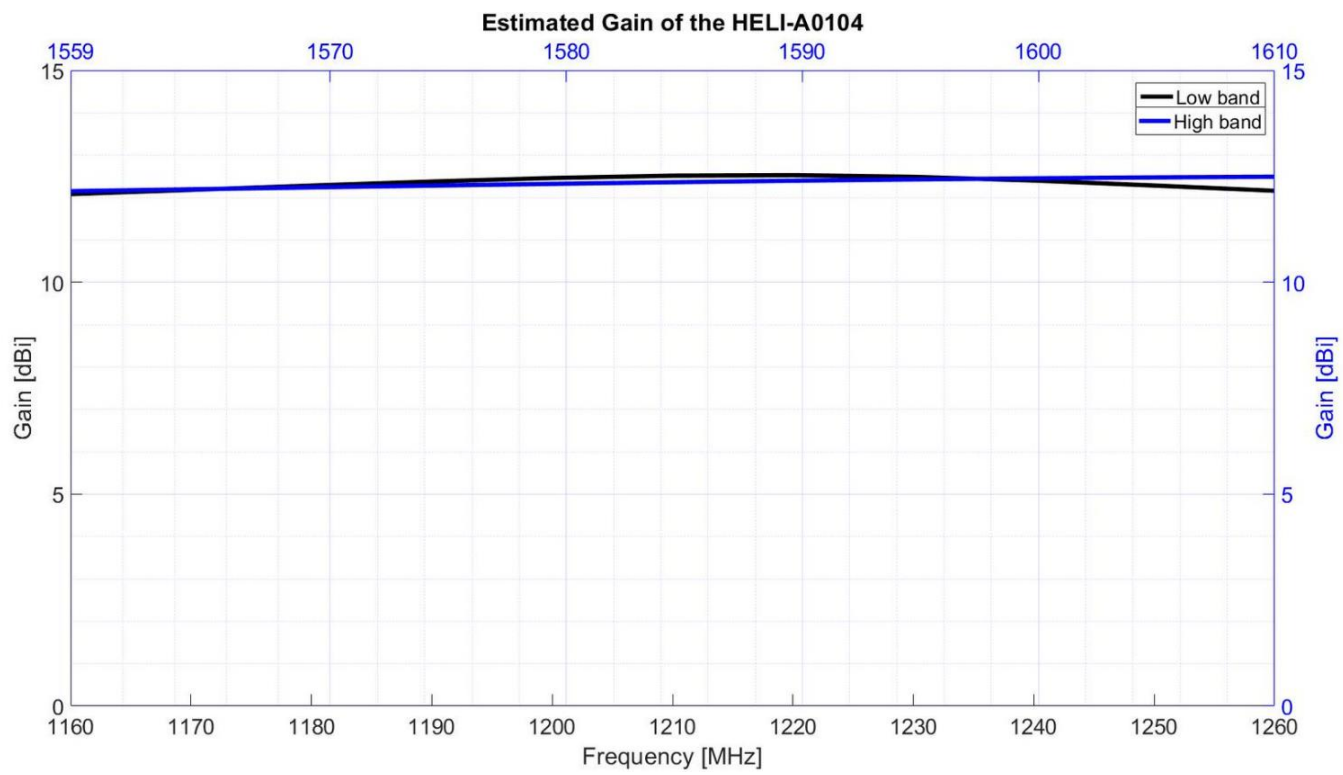
Dual Port Helical Antenna

1160 – 1260 MHz and 1559 – 1610 MHz

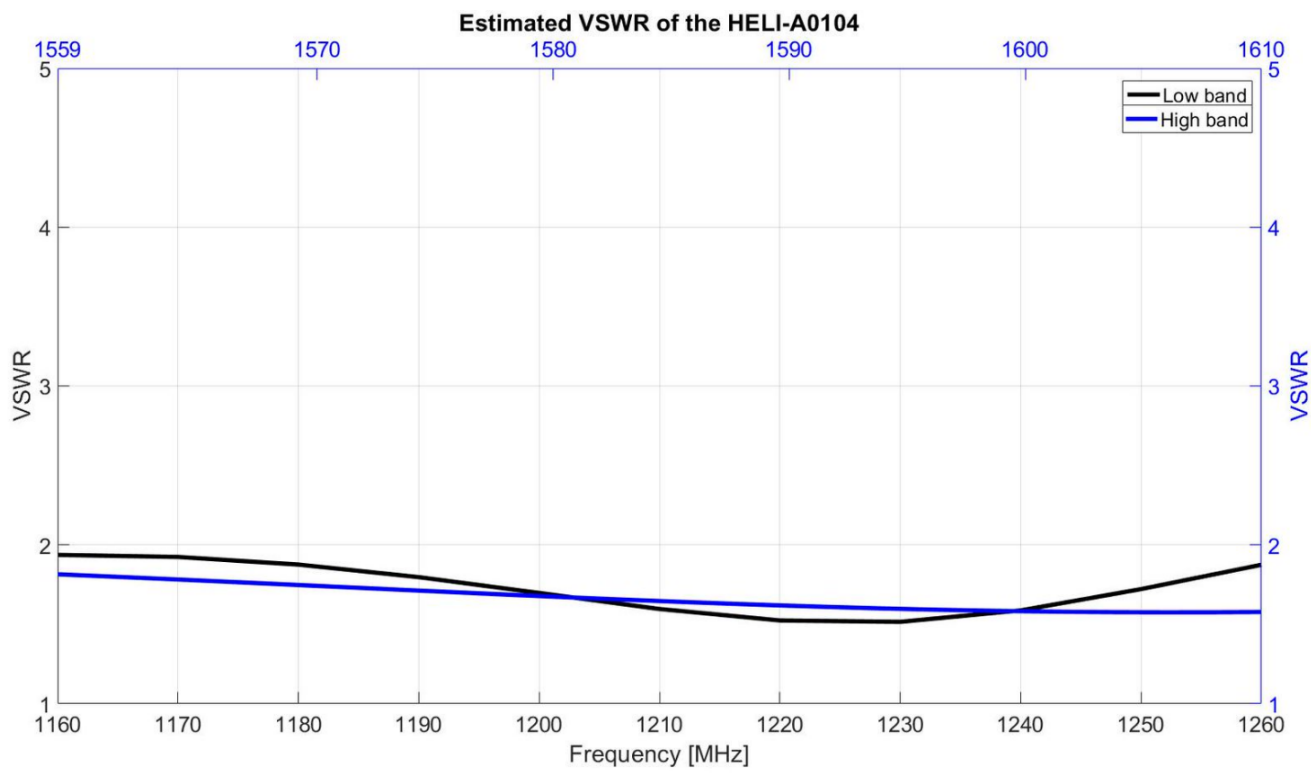
Product Code: HELI-A0104

VERSION: 1.2

Gain:



VSWR:



Dual Port Helical Antenna

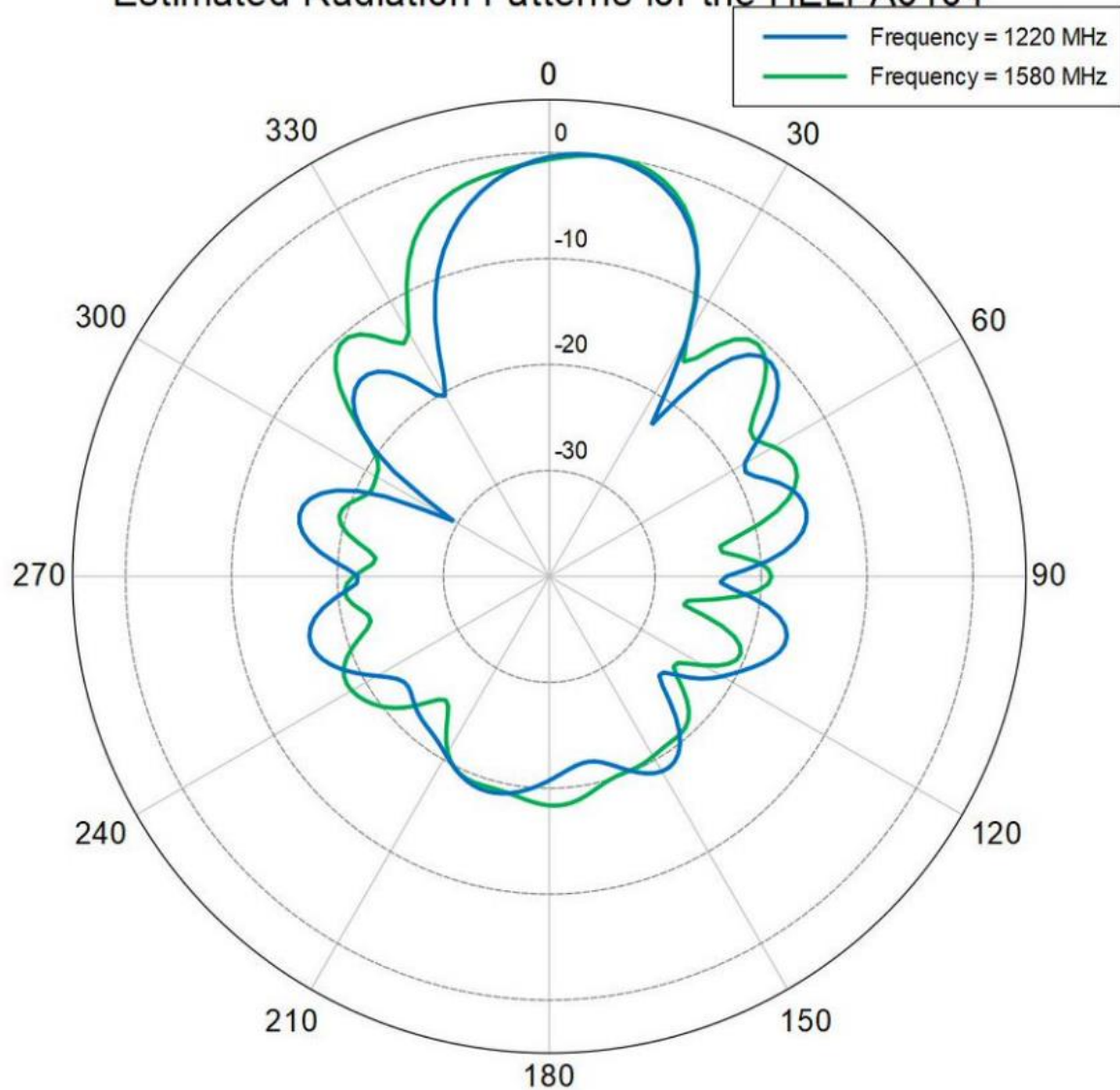
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Radiation Patterns:

Estimated Radiation Patterns for the HELI-A0104



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