

# ASTRADRIVE ANT-OMNI-5

PRODUCT DATASHEET

ANT-OMNI-5 external dual polarization omni directional antenna is intended for connection to outdoor units with N-type ports of all Astrawireless families.



Thanks to its compact design and 5dBi gain, this antenna is perfect for mobile installations, providing coverage across its full 360° pattern.

Antenna gain	5 ±1 dBi
Frequency range*	4900 - 7125 MHz
Polarization	Dual

\*May be limited by regional frequency restrictions

# TECHNICAL SPECIFICATION

Polarization	Horizontal (HOR-port) Vertical (VER-port)
Beam width, Azimuth	360°
Beam width, Elevation	35°
SWR	<2
Connectors	2 X N-Type, Female
Isolation between ports	>25 dB
Input impedance	50 Ohm
Input power	5 W
Dimensions and weight*	86x84x50 mm, 0.22 kg
Lightning Protection	DC Grounded
Operating temperature	from -55°C to +60°C
Water and dust protection	IP66, IP67
Wind load	120 kmh - operational 200 kmh - survival
Environmental resistance	Flame: UL94 Vibration: IEC 60721-3-5 Class 5M2 Humidity: ETS 300 019-1-4 EN 302 085 (annex A.1.1) Salt Fog: IEC 68-2-11



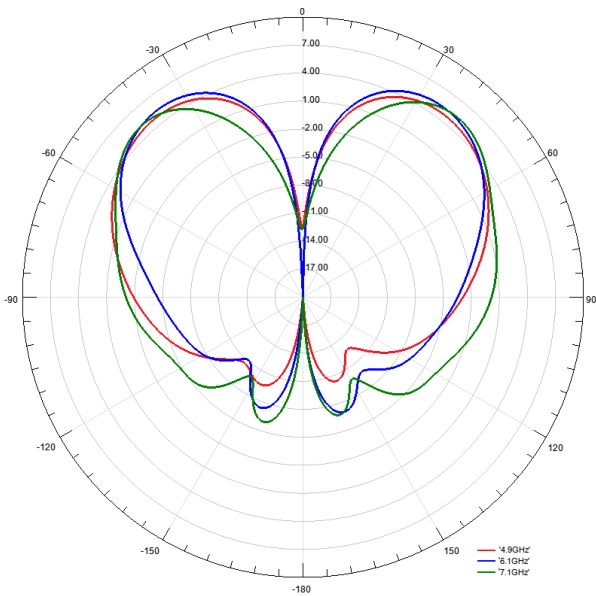
**Astrawireless**

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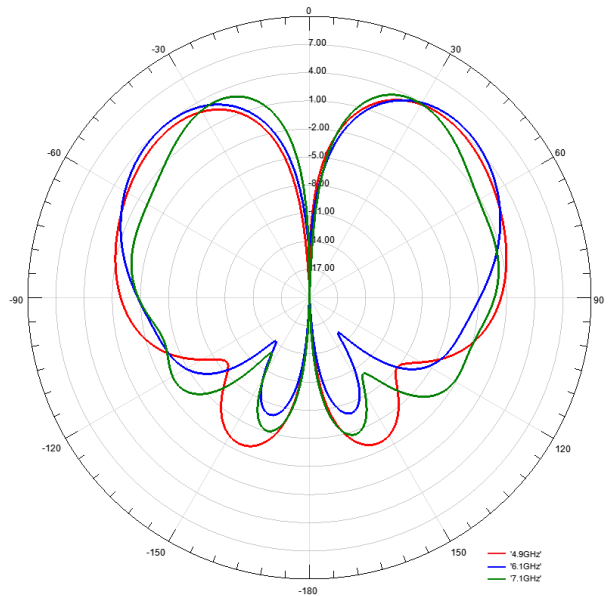
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INDUSTRIAL ZONE-FZ RAK, UAE

# RADIATION PATTERN

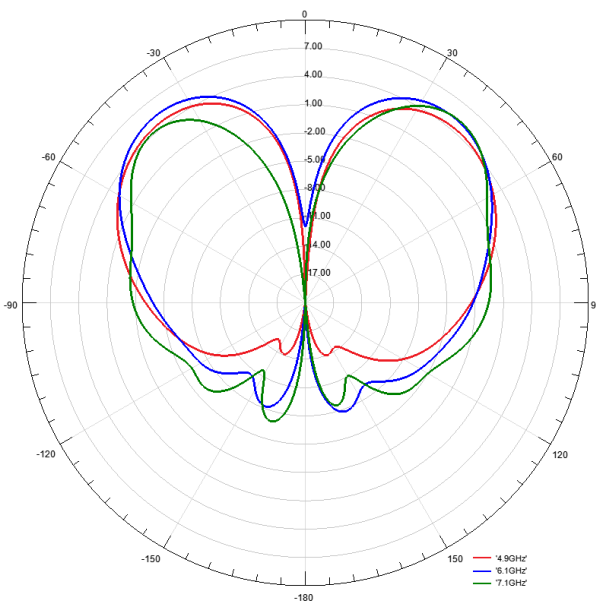
## E-plane H-pol



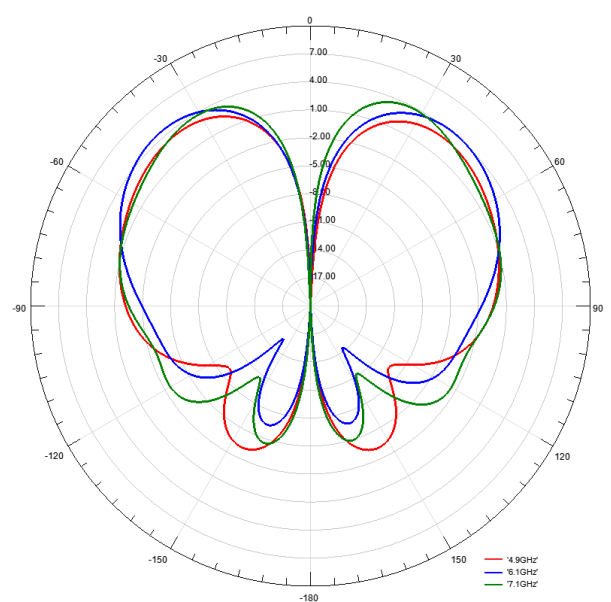
## E-plane V-pol



## H-plane H-pol



## H-plane V-pol



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