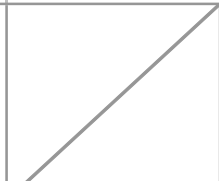


SPECIFICATION

CUSTOMER APPROVAL	DESCRIPTION	UHF RFID Antenna	
	MODEL No.	ORS-UHF-A9 Series	
	DOCUMENT No.		
	ISSUED DATE	2025.03.17	
	PREPARE	REVIEW	APPROVAL
			

RFID

ORS-UHF-A9 Series

■ Product Description

- 9dBi Circular Polarization

■ Product Features

- Maximum RFID performance : Up to 0-15m reading range
- Applicable to various environments : IP66 protection structure
- High gain, low standing wave and circular polarization, good applicability and easy installation

■ Applications

- Highway RFID toll collection solution
- Smart warehouse and logistics solution
- Access control and vehicle management solution

D & M Division



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■ SPECIFICATION

ELECTRICAL SPECIFICATION

Frequency Range	865 ~ 928 MHz
Polarization	Circular
Far-Field Gain	9dBi
Beamwidth	60° x 60°
Typical VSWR	≤ 1.5:1
Axial ratio	≤ 3dB
Nominal impedance	50(Ω)
Maximum input power	10W

CONNECTIVITY

Connector type/position	TNC female on the back
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ENVIRONMENTAL

Operating Temp.	-20 ~ +75°C
Storage Temp.	-40 ~ +80°C
Protective Structure	IP66

PHYSICAL CHARACTERISTICS

Dimensions	276mm x 276mm x 41mm
Weight	1.23Kg(without bracket)
Housing Material	engineering plastic PC, Aluminum alloy
Mounting	Not Included

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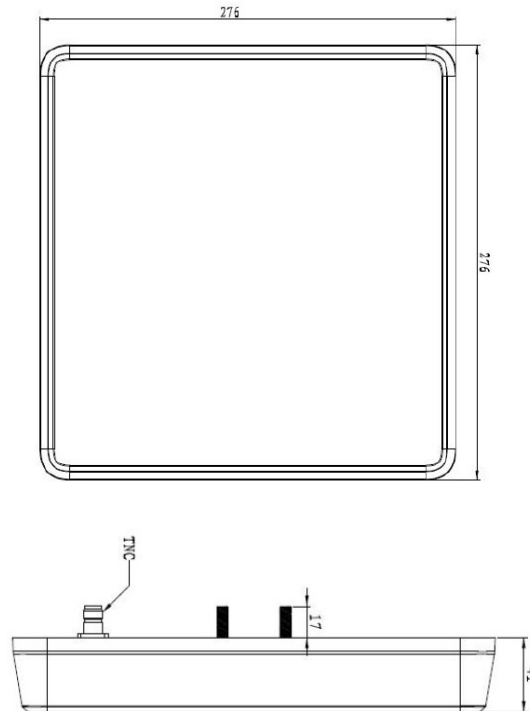
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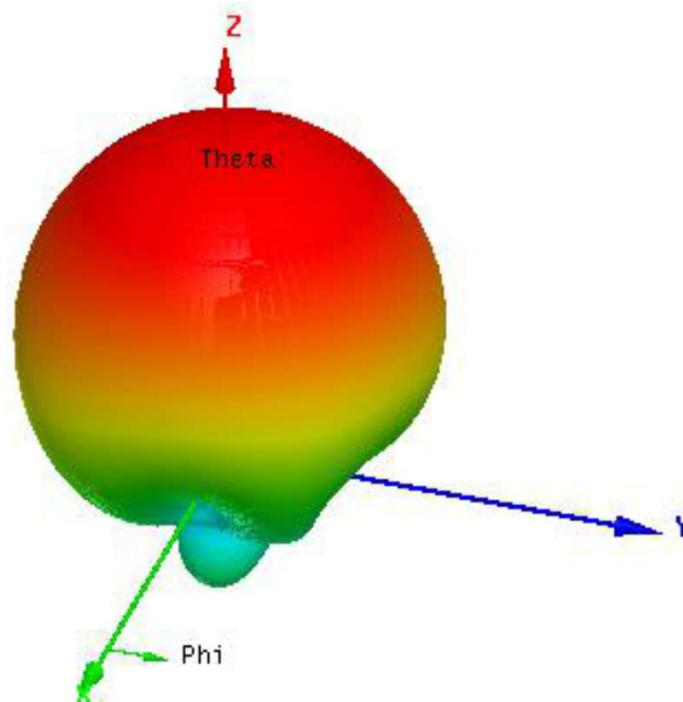
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■ Outline Dimensions (unit: mm)

Size : 276mm x 276mm x 41mm



■ Radiation Pattern



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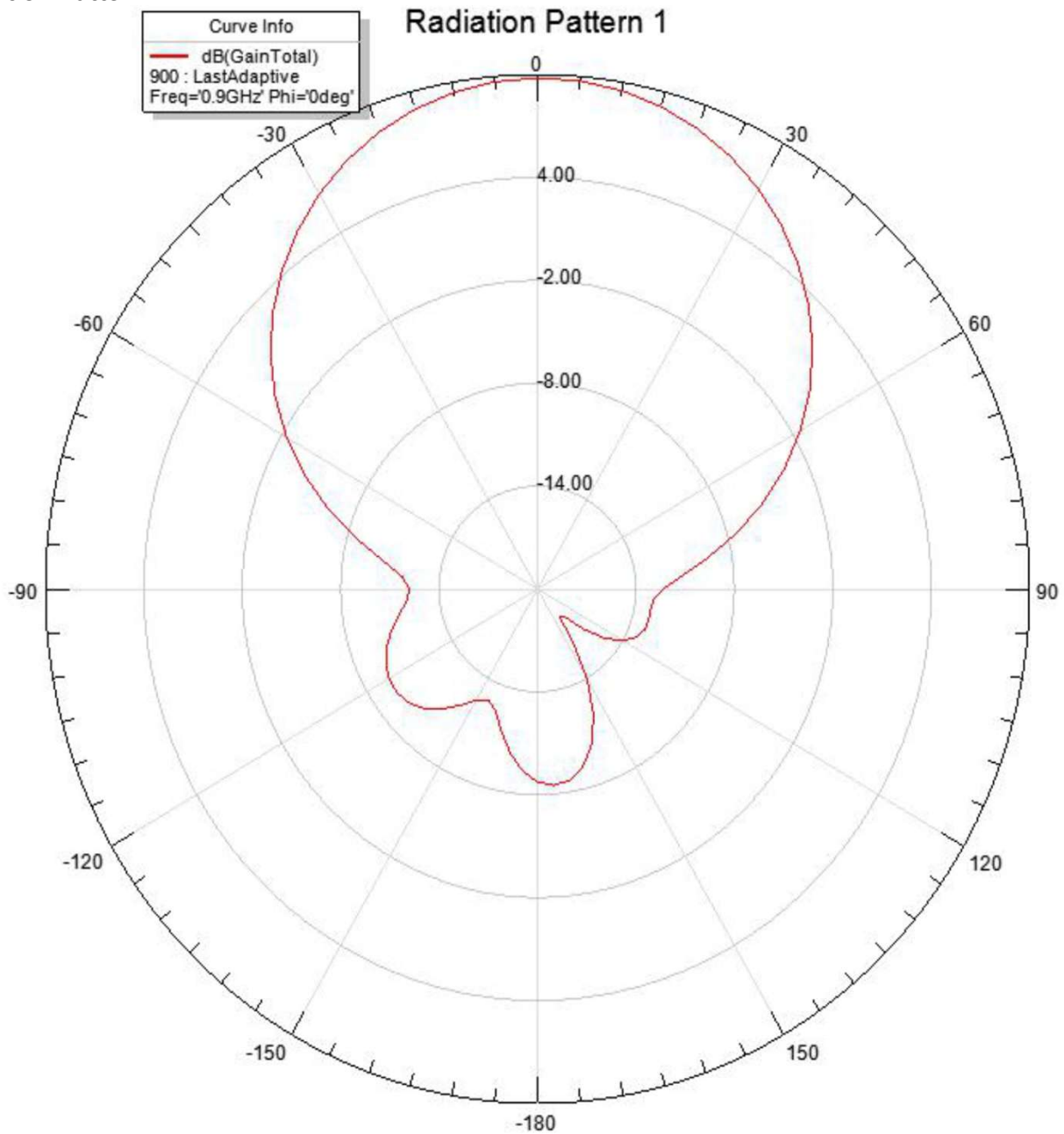
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■ Radiation Pattern

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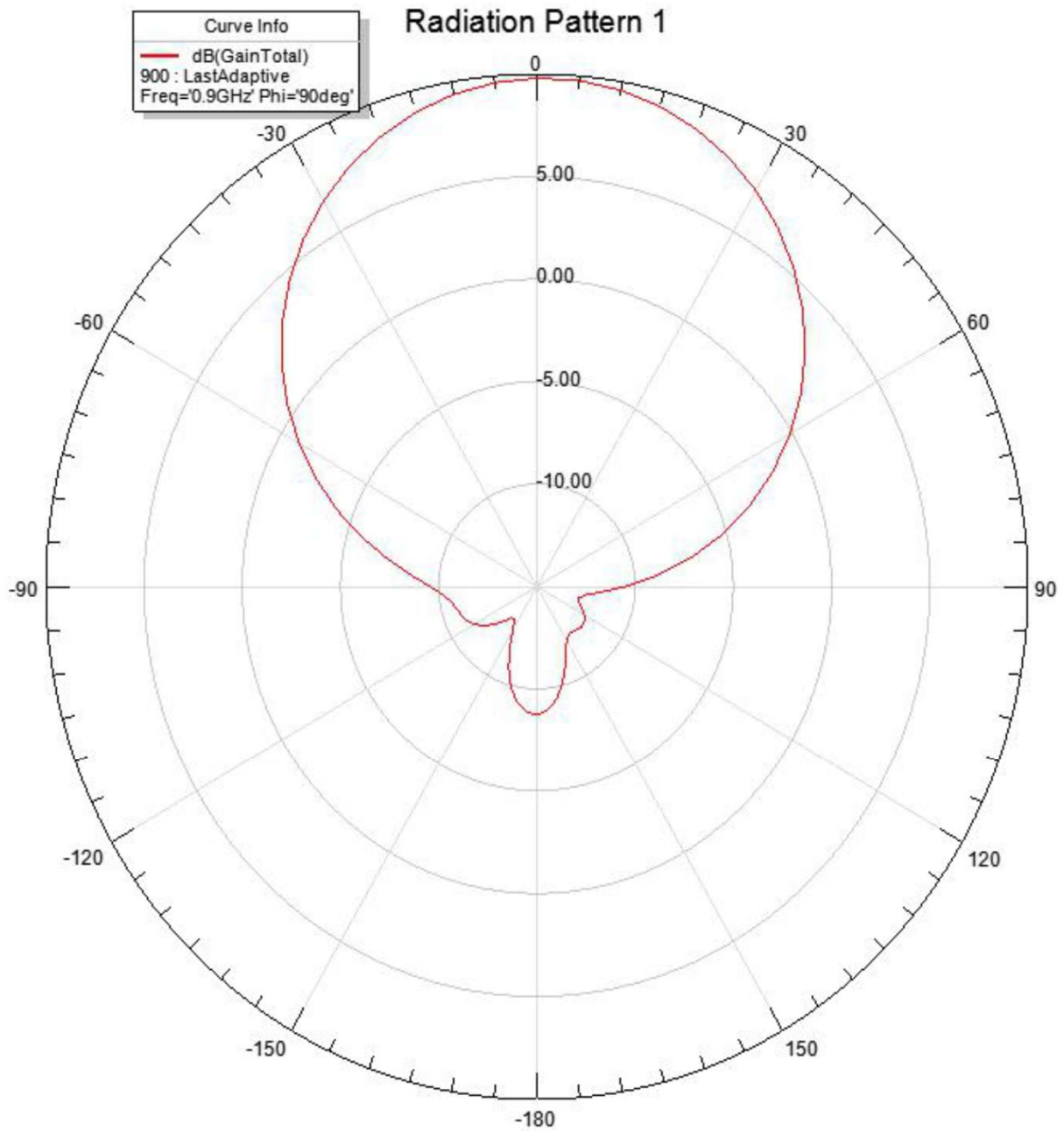
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■ Radiation Pattern

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