

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., Ltd

CUS PART NO: 79070019

PART NAME: Magnetic Mount Antenna - 868/915MHz, Black RG174

Copper-Clad Aluminum Wire, SMA Male Connector, Cable Length: 1.5m,

Small Magnetic Base

Edition: 1.0

Editor	Lv xihuan	2026/06/17
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Approver	Xu Fuqiang	2026/06/17



SHENZHEN B&T TECHNOLOGY Co., Ltd

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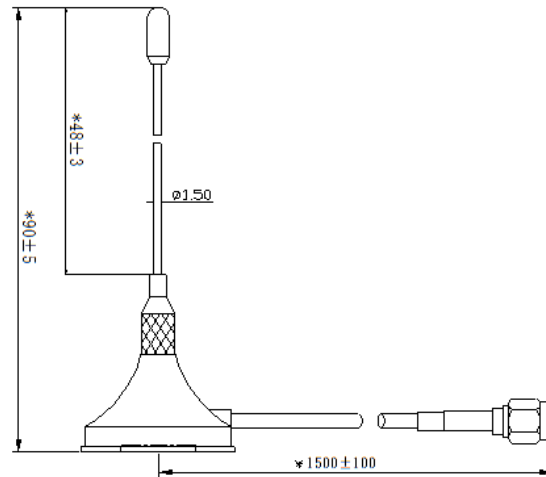
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Product specification

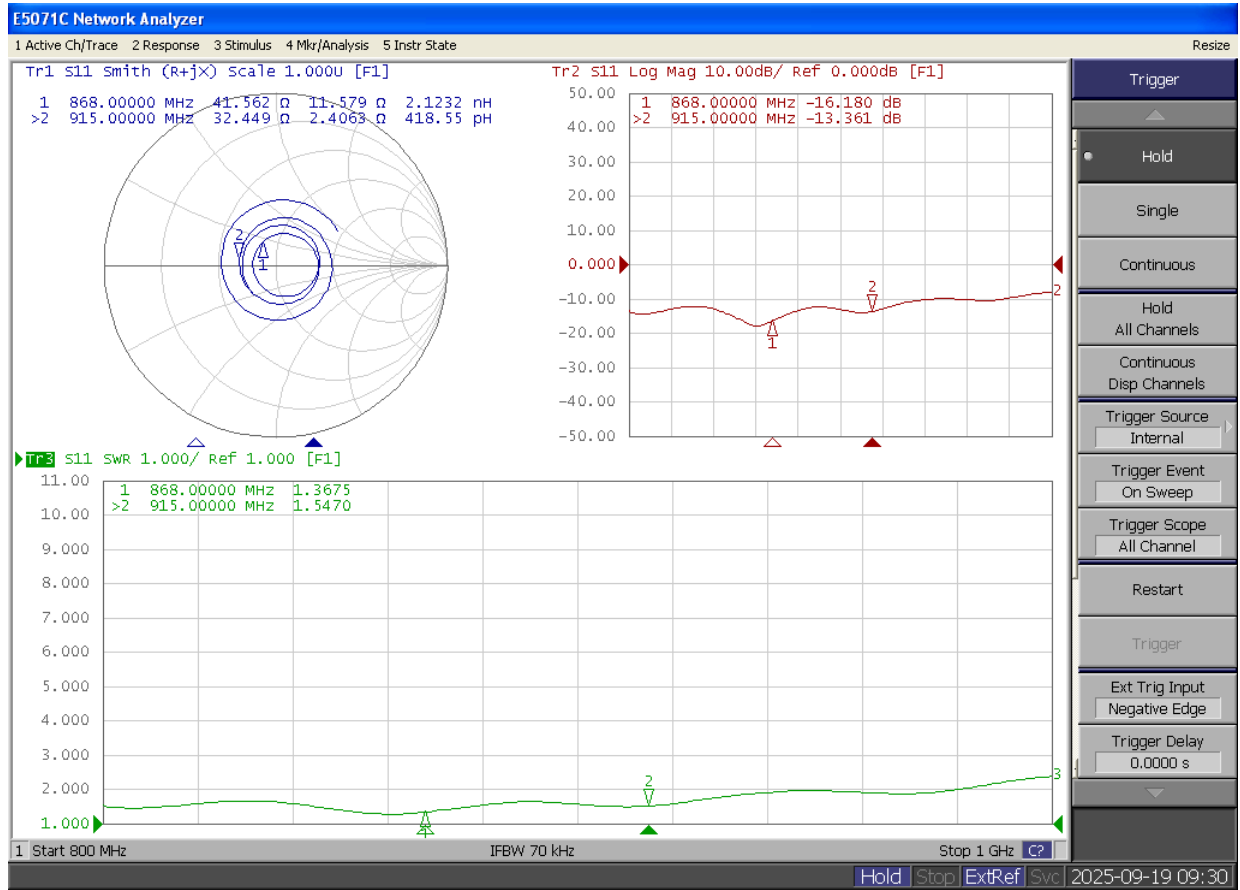
1. Antenna Dimension



2. Performance parameter

Name	868/915MHz Antenna
Model Type	Magnetic Mount Antenna
ELECTRICAL SPECTFICATIONS	
Frenquency Range	868-915MHz
Impedance	50Ω
VSWR	< 2.0
Max Gain	0.64dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	10 W

3. VSWR

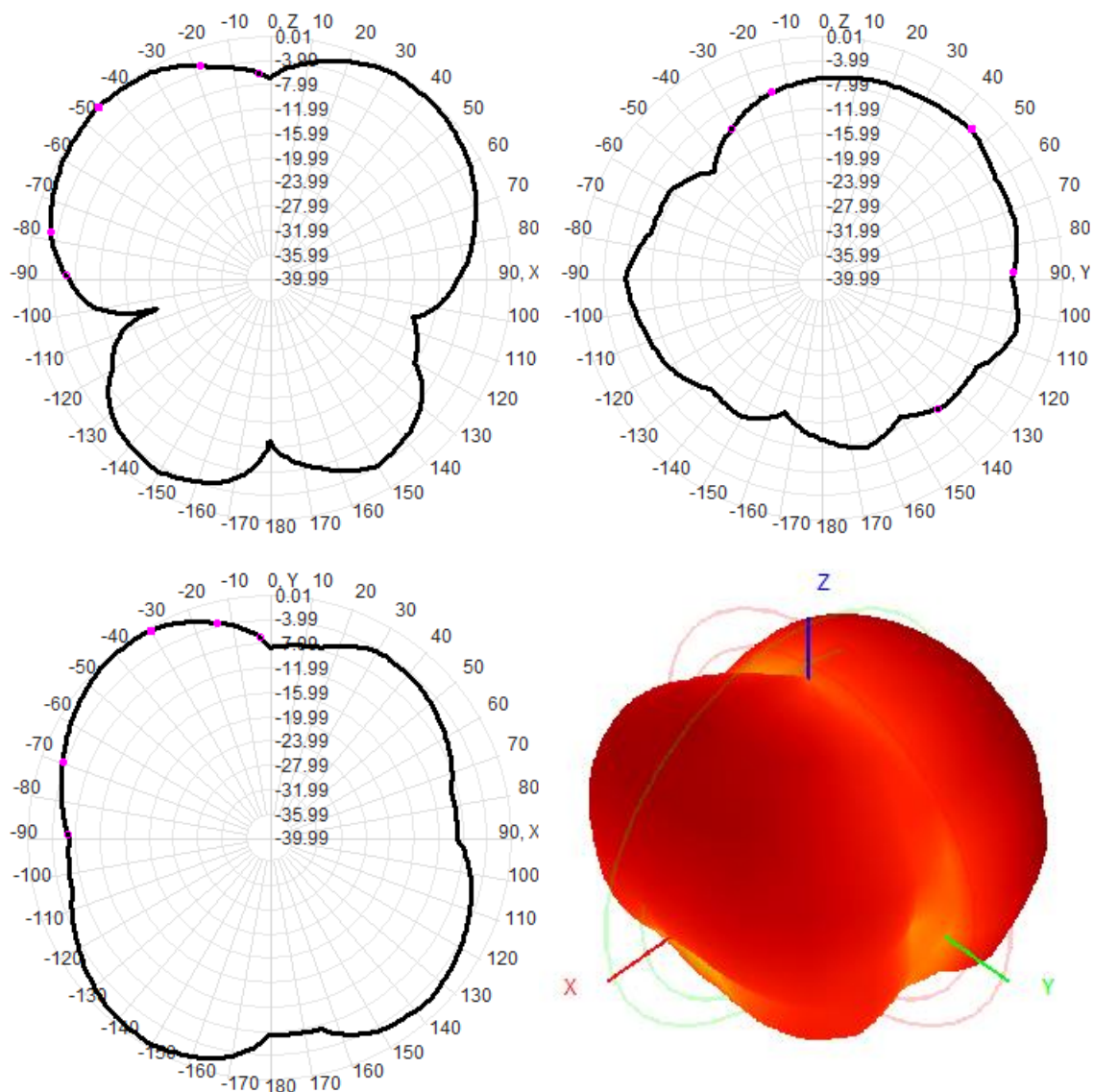


4. Passive test data:

Frequency (MHz)	860.0	870.0	880.0	890.0	900.0	910.0	920.0	930.0
Efficiency (dBi)	-3.68	-3.62	-3.56	-3.52	-3.50	-3.39	-3.19	-3.01
Gain (dBi)	0.64	0.39	0.39	0.28	0.21	0.28	0.39	0.40
Efficiency (%)	42.86	43.45	44.08	44.42	44.66	45.83	48.02	50.01

5. Radiation pattern

(1) 860MHz



(2) 910MHz

