

LORA 433 Mhz Antenna



Part Number: S-1RA4B

177 x Ø30 mm
RoHS/RoHS II Compliant

Product Features

- Support 433MHZ
- Small and exquisite
- High Reliability/Sensitivity
- Compact Size, Easy to install
- RoHS Compliant

Applications

- LORA radios
- Gateways
- Security
- Transportation
- Smart agriculture

1 Product Specifications

Passive Electrical Specifications

Frequency Range	433 Mhz
Input Impedence	50 Ω
VSWR	≤1.7
Gain	3 DBi
Efficiency	50%
Polarization Type	Linear

Mechanical Specifications

Antenna Size	100 x Ø30 mm
Material of Radome	PC+ABS
Cable	RG174 (1 M)
Connector Type	SMA
Fixed	Magnet
Working Temperature	-20°C to +80°C
Radome Color	Black

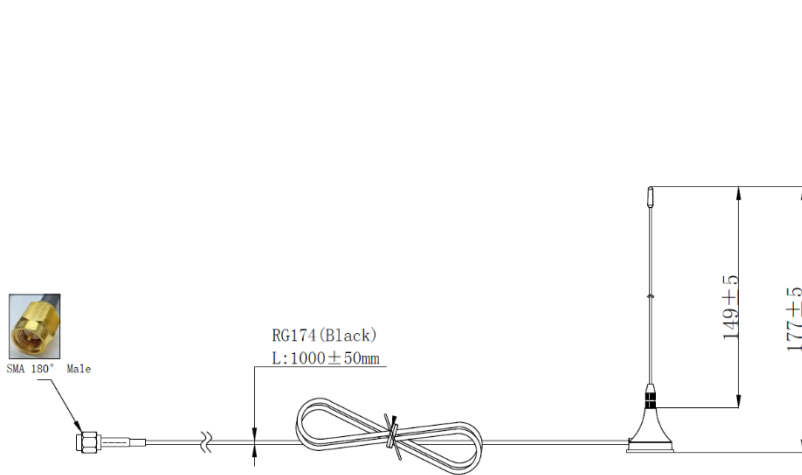
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2 Product Image& Dimensions



3 Antenna Parameters

Frequency (MHz)	Efficiency (%)	Gain (dBi)
430	63	2.20
432	63	2.23
434	65	3.05
436	60	2.86
438	52	2.46
440	58	2.24

Frequency (MHz)	Efficiency (%)	Gain (dBi)
442	51	1.78
444	54	1.16
446	55	3.15
448	61	2.96
450	62	2.44

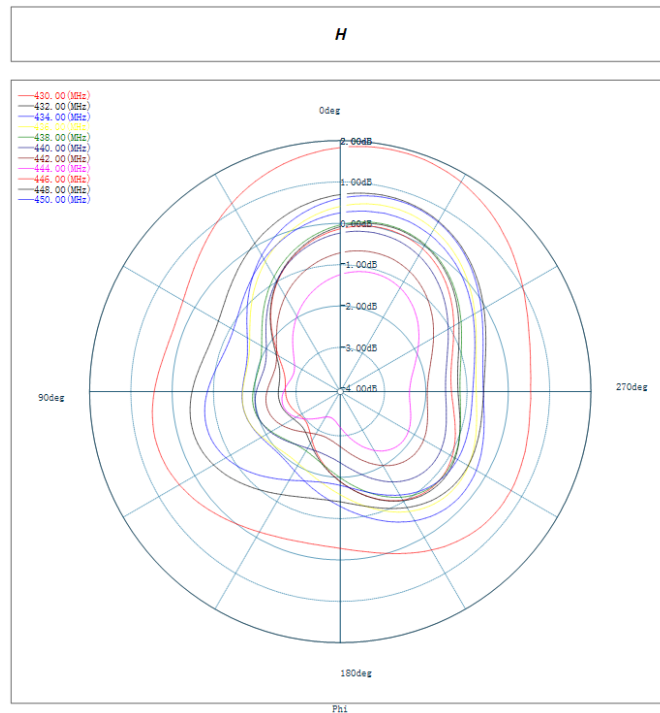
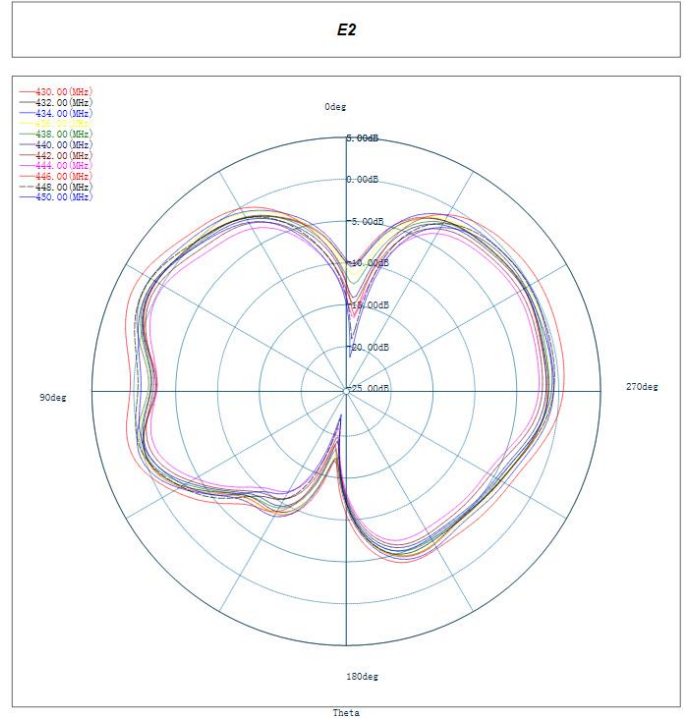
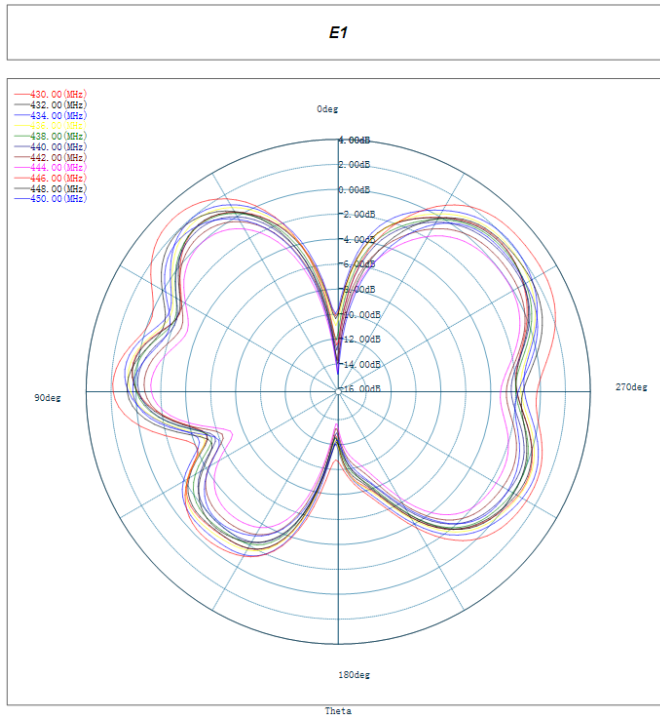
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Radiation Pattern



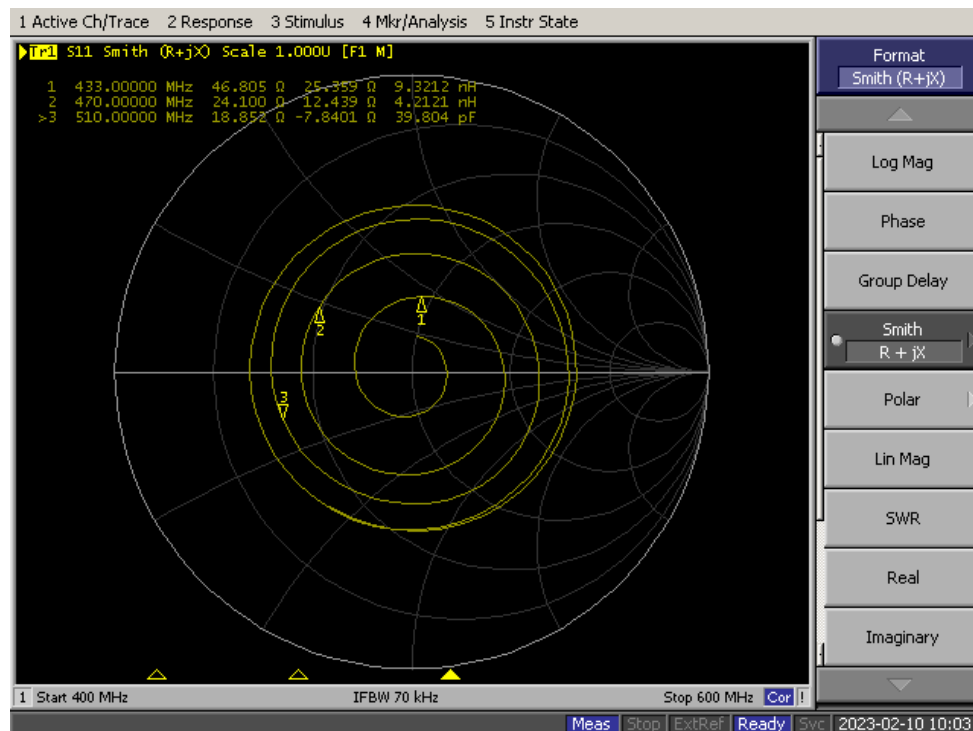
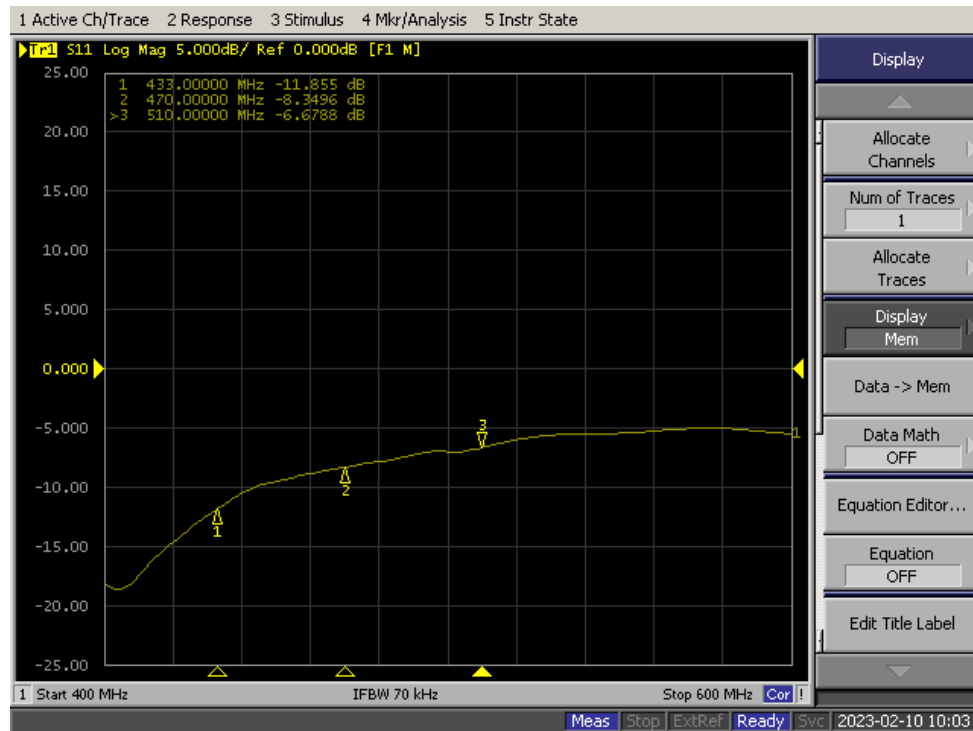
Antenna VSWR

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