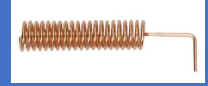




433 MHz Internal Antenna



Part Number: S-2RA3

19 x 5 mm
RoHS/RoHS II Compliant

Features

- Low Frequency of 433 MHz
- VSWR ≤ 1
- Gain of 2 dBi
- Input power of 10W

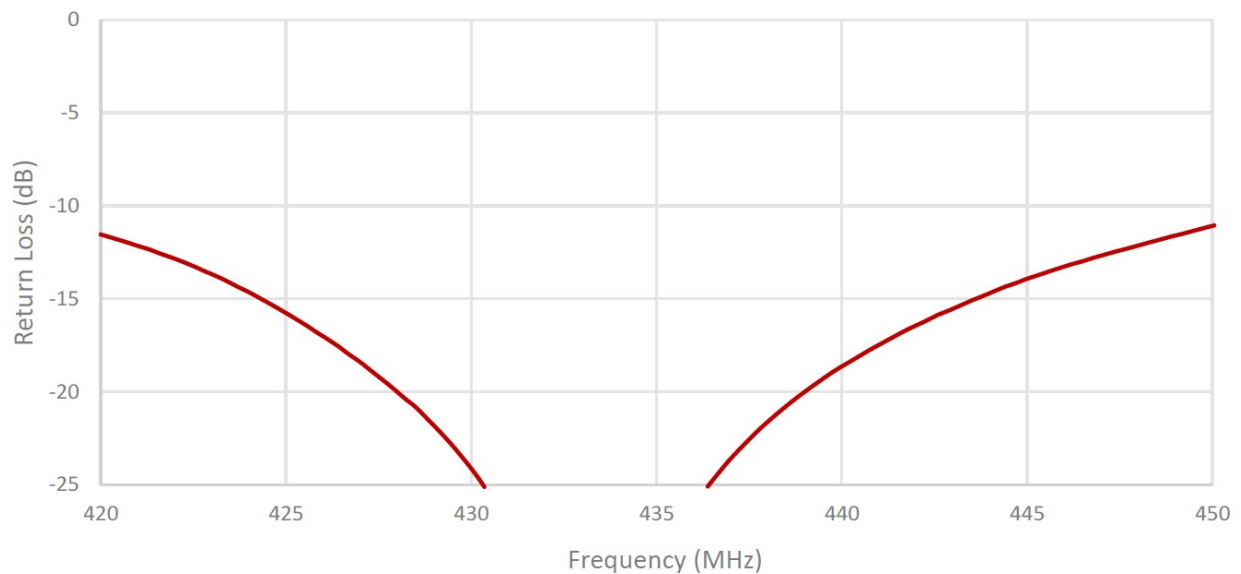
Applications

- Home Automation
- Medical Devices
- ISM Band
- LoRa
- SigFox
- RFID
- Remote Technology/Monitoring
- Smart Meters

Electrical Specifications

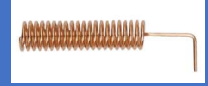
Parameters	Min.	Typ.	Max.	Units	Notes
Frequency Range		433		MHz	
Bandwidth		CF \pm 5 MHz			
VSWR			1		
Polarization Model	Linear				
Impedance		50		Ω	
Gain		2		dBi	Zenith
Operating Temperature	-40		+85	$^{\circ}$ C	
Input Power			10	W	

Antenna Parameters



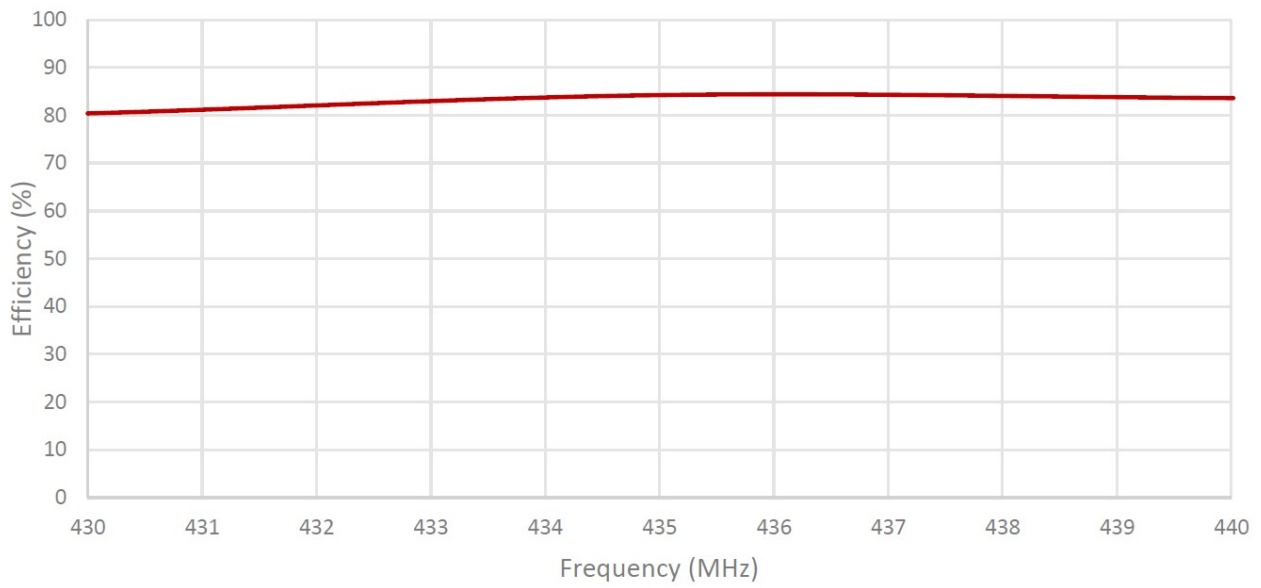
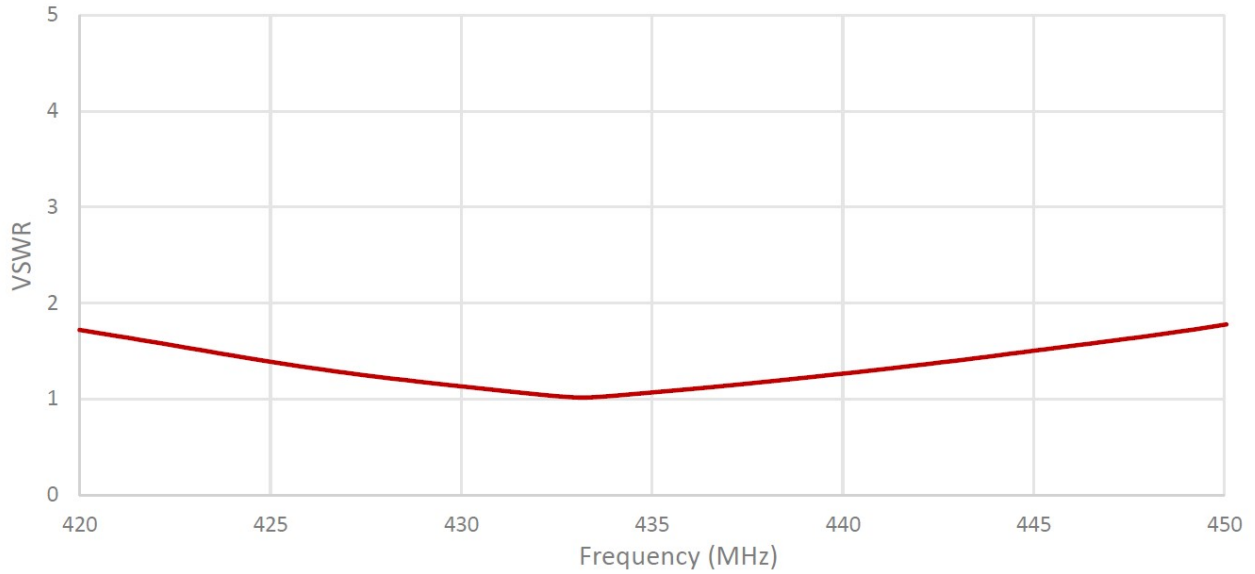


433 MHz Internal Antenna



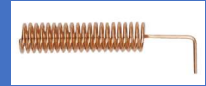
Part Number: S-2RA3

19 x 5 mm
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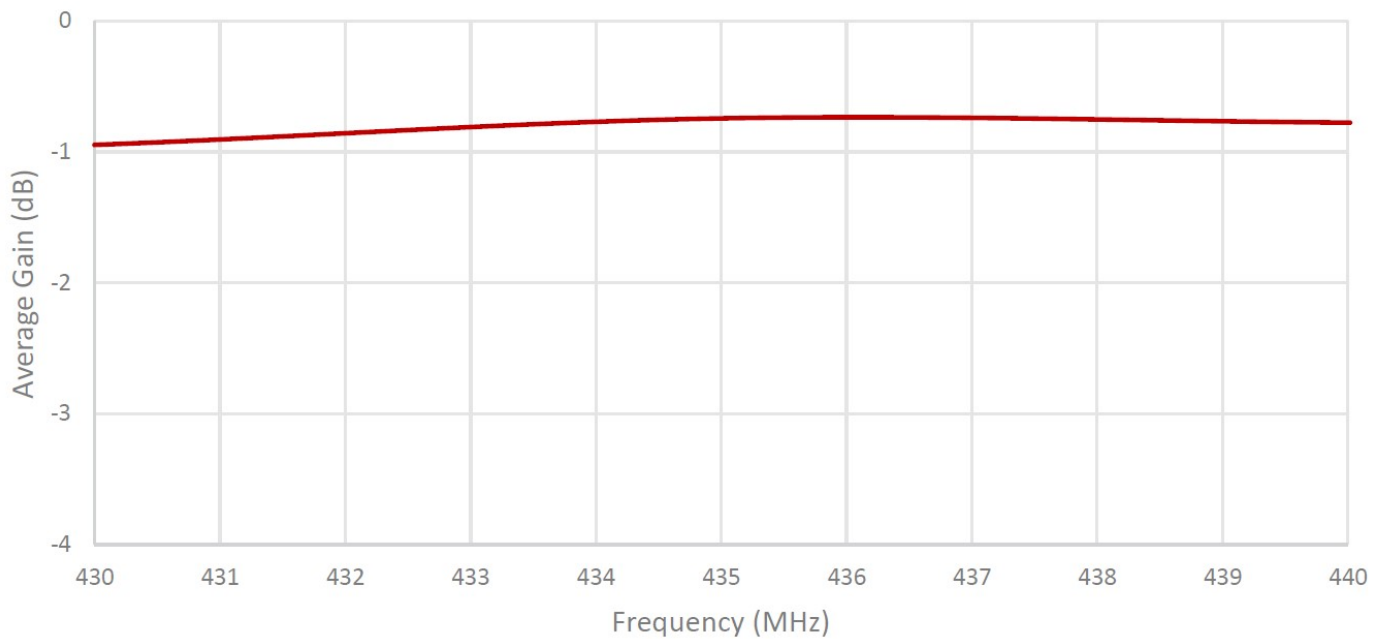
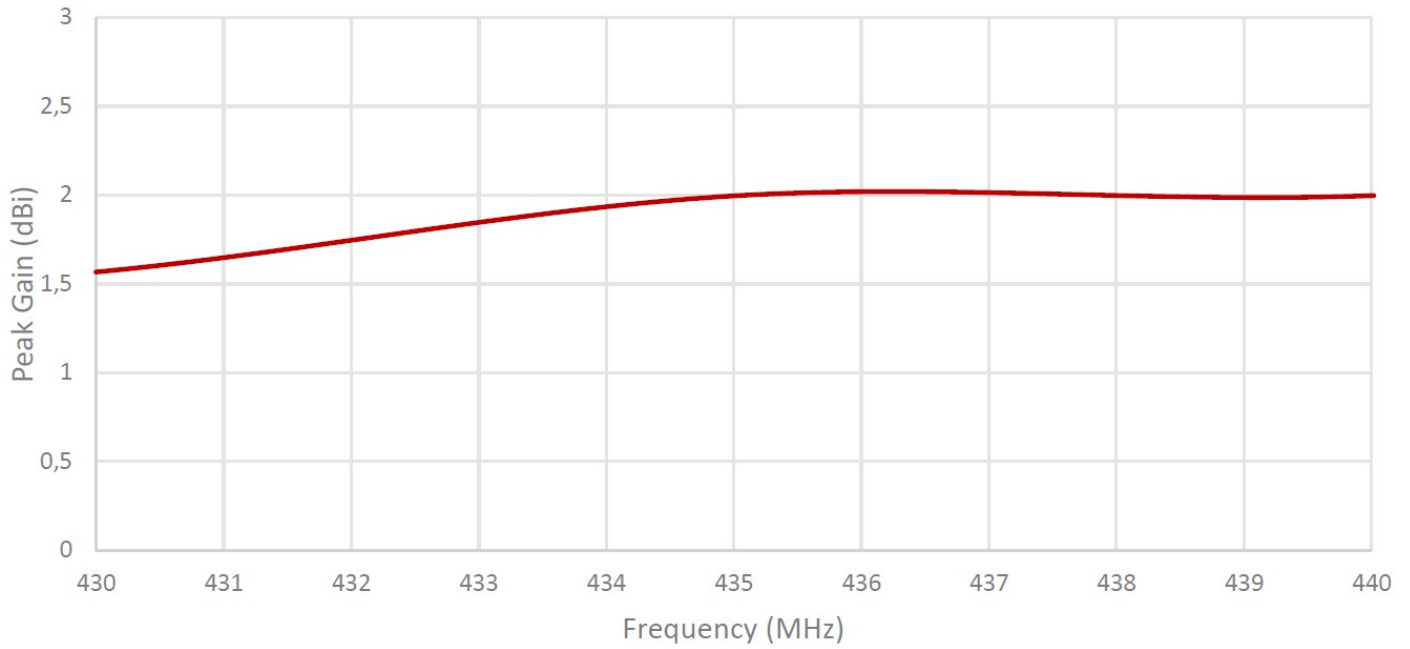


433 MHz Internal Antenna



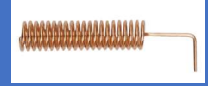
Part Number: S-2RA3

19 x 5 mm
RoHS/RoHS II Compliant





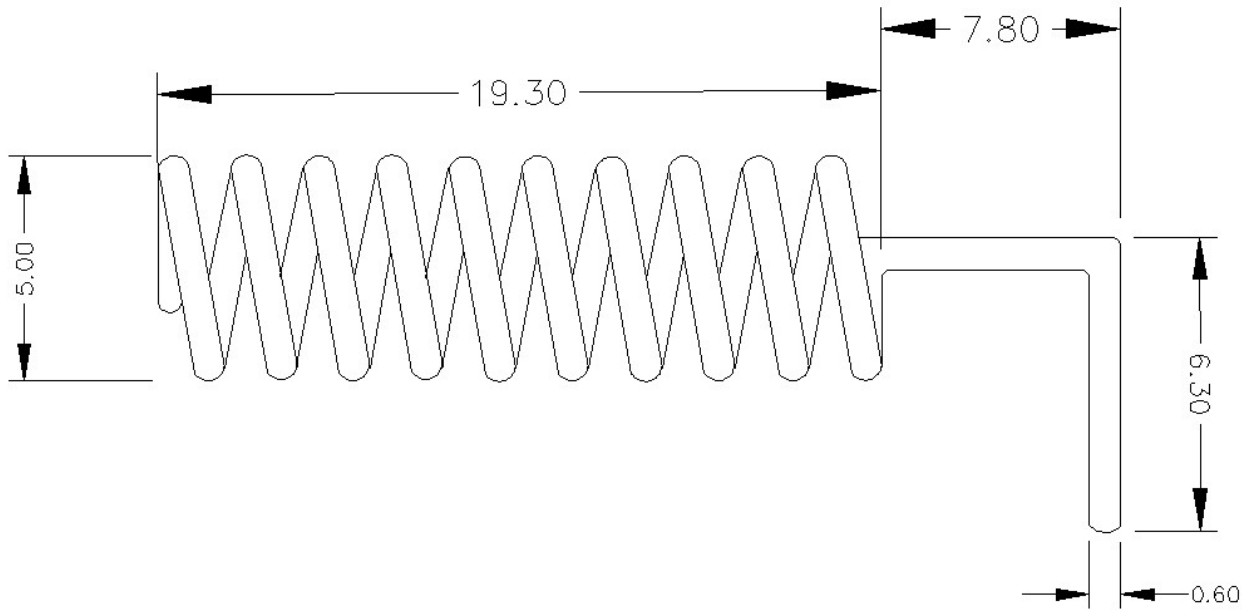
433 MHz Internal Antenna



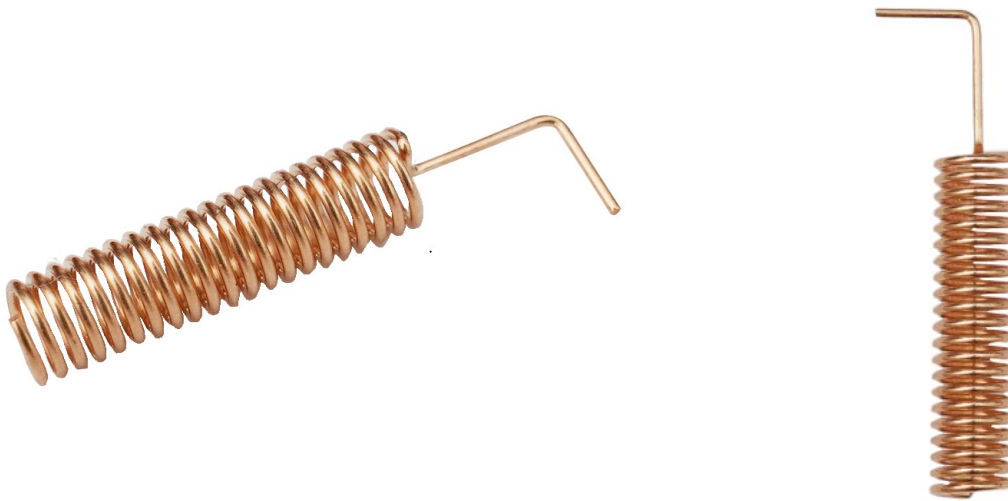
Part Number: S-2RA3

19 x 5 mm
RoHS/RoHS II Compliant

Dimensions

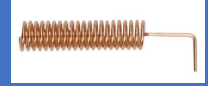


Product Image





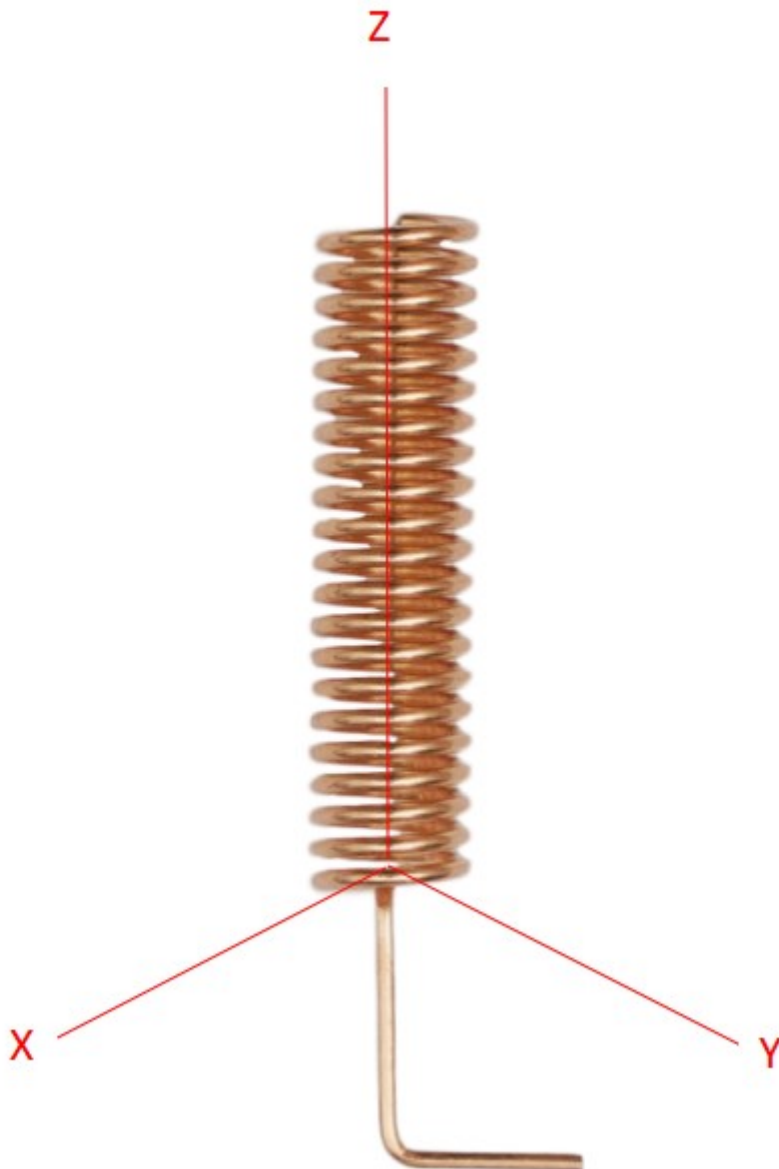
433 MHz Internal Antenna



Part Number: S-2RA3

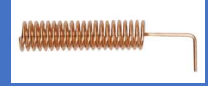
19 x 5 mm
RoHS/RoHS II Compliant

Radiation Patterns



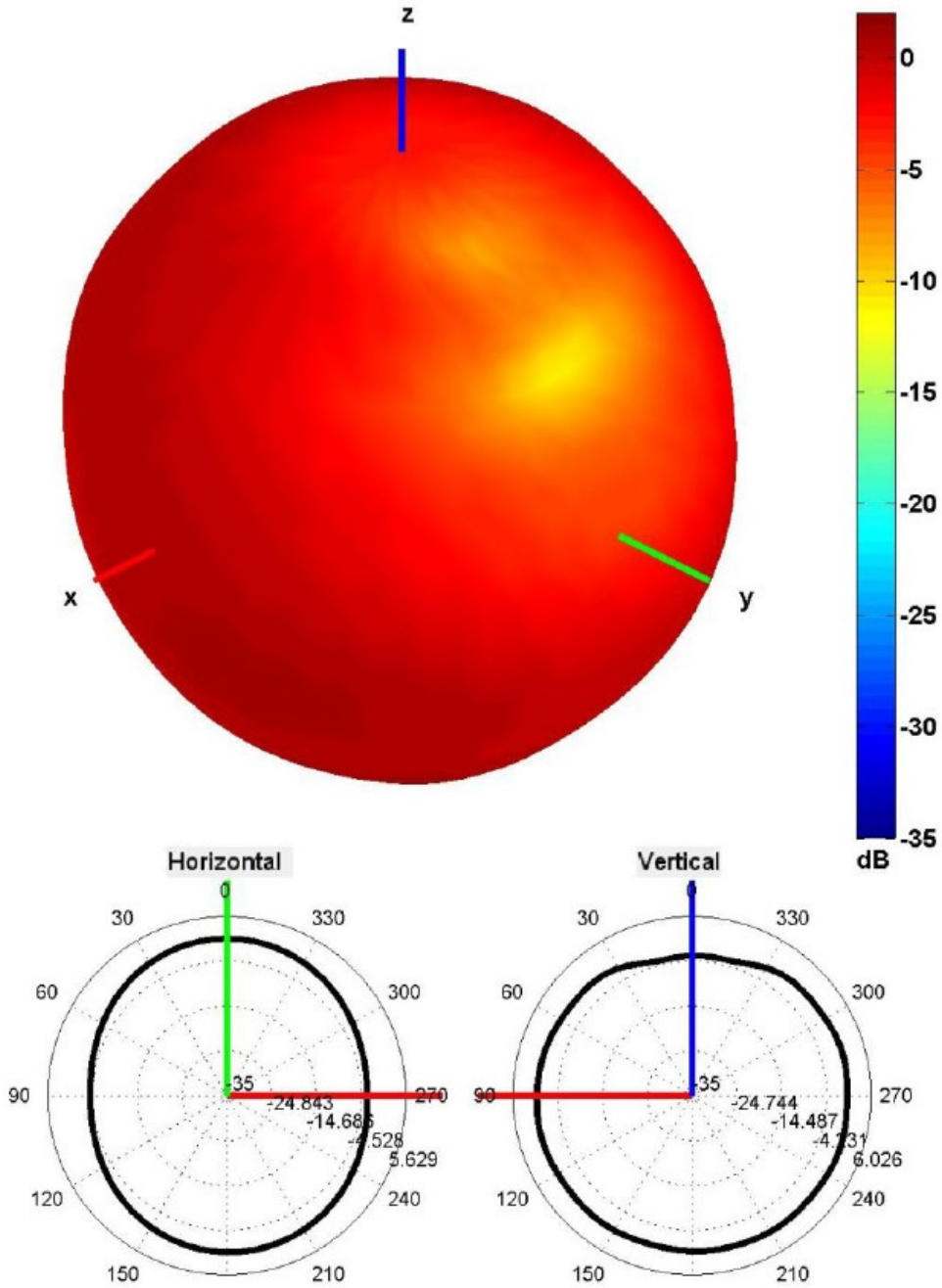


433 MHz Internal Antenna



Part Number: S-2RA3

19 x 5 mm
RoHS/RoHS II Compliant

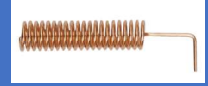




MiotWireless

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Info@miotsolutions.com

433 MHz Internal Antenna



Part Number: S-2RA3

19 x 5 mm
RoHS/RoHS II Compliant

Packaging

TBD

Caution:

- (1) Do not apply excess mechanical stress to the component body or terminations. Do not attempt to re-form or bend the components as this will cause damage to the component.
- (2) Do not expose the component to open flame.
- (3) This specification applies to the functionality of the component as a single unit. Please ensure the component is thoroughly evaluated in the application circuit.