

433MHz Gold Plated Spring Antenna

Product Specification



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Note: Revision History

Revision	Date	Comment
V1.0	2014-08	First release
V2.0	2016-06	Typesetting, measurements revised
V2.1	2017-06	Logo updated
V2.2	2020-11	logo and product description updated
V2.3	2023-9	Add Gain Pattern

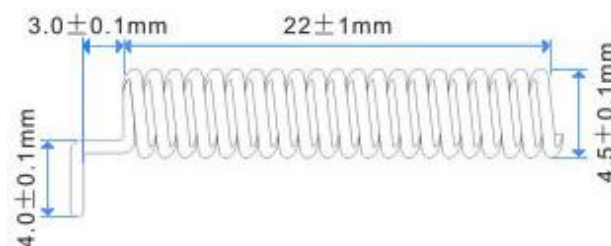
1. Description

SW433-TH22, gold plated spring antenna, designed specially for 433MHz wireless communication. it has good VSWR, Compact dimensions, easy installation, stable performance, with good anti-vibration and anti-aging ability.

2. Technical Parameter

- Frequency Range: 433 ± 8 MHz
- VSWR: ≤ 1.5
- Gain: 2.15 dBi
- Input impedance: 50Ω
- Wire diameter: 0.5mm
- Max power: 5 W
- Height: 22 ± 1 mm
- Interface form: welding directly
- Antenna Color: gold
- Weight: 1g

3. Size



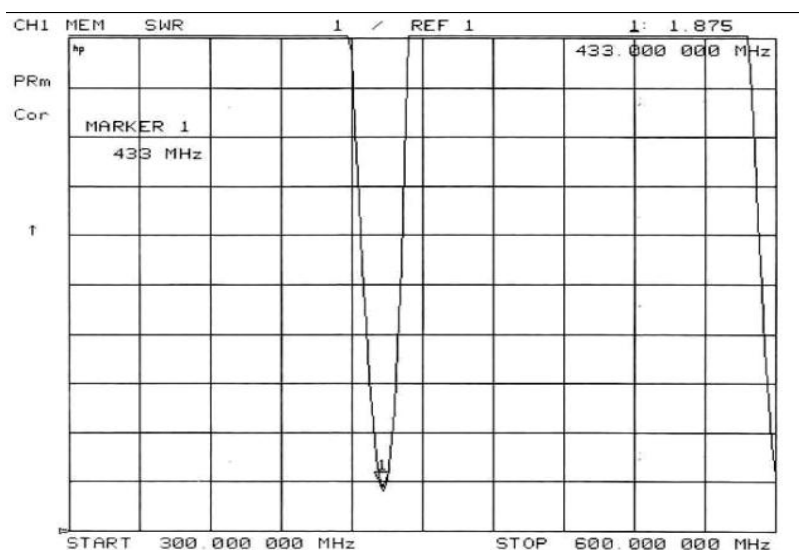
4. VSWR Chart

Antennas have been tested under wireless simulated environment by Network Analyzer

Frequency: 434 MHz

RL:14.44dB

SWR: 1.464



5. Gain Pattern

