

# APPROVAL SHEET

mane RF antenna

model ANT433M

RF 433M

customers		audits		formulate	chen lin
-----------	--	--------	--	-----------	----------

**MANUFACTURER**

Dongguan Saishuo Electronics Co.

Company Address

2/F, No. 262, Xinfeng West Road, Liuyu Village, Shijie Town, Dongguan City,  
Guangdong Province, China

Tel

0769-89616716

## Product shape and structure

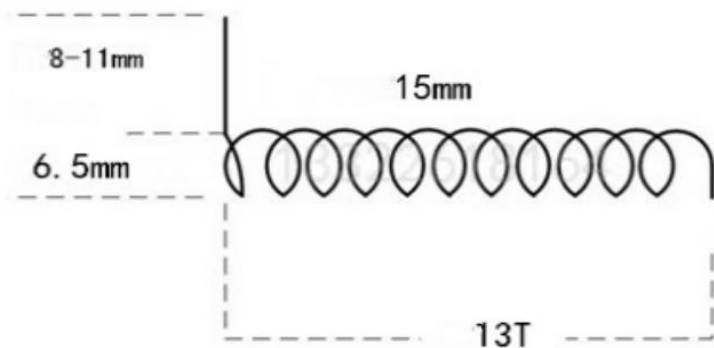
Product	RF antenna	model	ANT433M	weight	About0.7g
---------	------------	-------	---------	--------	-----------

### 一、Exterior Pictures



### 二、structural drawing:

SAISHUO 赛硕

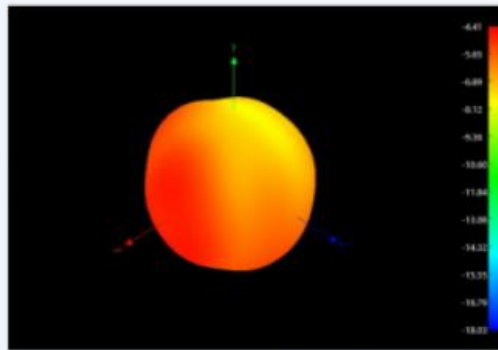


# Product, Electrical Specification Sheet

Product	RF antenna	model	ANT433M	color	black
specification	<p>The antenna, when straightened, is approximately 24cm in length, with a coil diameter of about 6.5mm. One end has a tin-stripped section of 3.5mm, and the tail has a soldering length reserved of about 8-11mm. The copper wire has a diameter of 0.5mm and an outer diameter of 1.07mm, which can generally be used on both receiving and transmitting modules.</p>				
RF range	433MHZ				
Stangding wave radio	< 1 . 8				
Antenna Gain	2 - 3 dbi				
Input impedance	50 (OHM)				
interface type	Directly soldered onto the PCB				
test content	Experimental Results and Performance				
Rated Operating Voltage	DC3.3-5V				
Temperature Operating Test	- 10°C ~ +45°C				
Thermal Stress Test	< -30°C 或 > +60°C				
Drop Test	<b>A single unit dropped from a height of 70cm onto a wooden floor surface, with functionality remaining intact.</b>				
Reception Range	100-4000 meters, typically 100-2500 meters				
Vibration Test	Following exposure to various levels of vibration, the functionality remains operational.				
insulation test	> 50 MΩ				
External Dimensions	24*6.5*15mm				
material	copper				
Compatibility Test	Generally suitable for 433MHz and 2.4GHz, etc.				

### Passive Test Data

430	-9.17	12.11	-4.41
440	-9.81	10.45	-4.47



### Stanging wave pattern

