

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

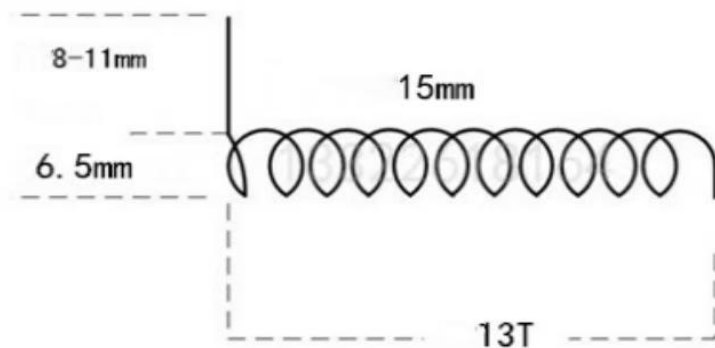
Product shape and structure

Product	RF antenna	model	ANT433M	weight	About 0.7g
---------	------------	-------	---------	--------	-------------------

一、Exterior Pictures



二、structural drawing:



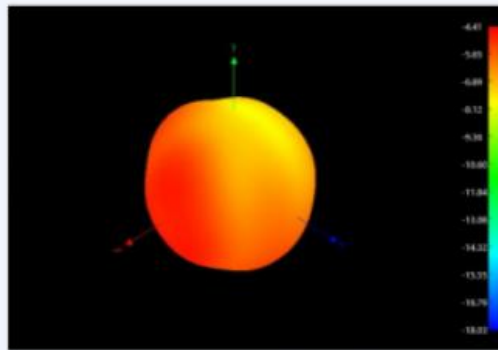
SAISHUO 赛硕

Product, Electrical Specification Sheet

Product	RF antenna	model	ANT433M	color	black
specification	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.				
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℃ ~ +45℃				
Thermal Stress Test	< -30℃ 或 >+60℃				
Drop Test	A single unit dropped from a height of 70cm onto a wooden floor surface, with functionality remaining intact.				
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



Stangding wave pattern

