

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称 东莞市鸿拓致科电子有限公司

CUSTOMER NAME: Smart-Tech Technology co., Ltd.

产 品 名 称 ST-A-433 弹簧天线

PRODUCT NAME: ST-A-433 SPRING ANTENNA

客 户 料 号

CUSTOMER P/N:

Contents

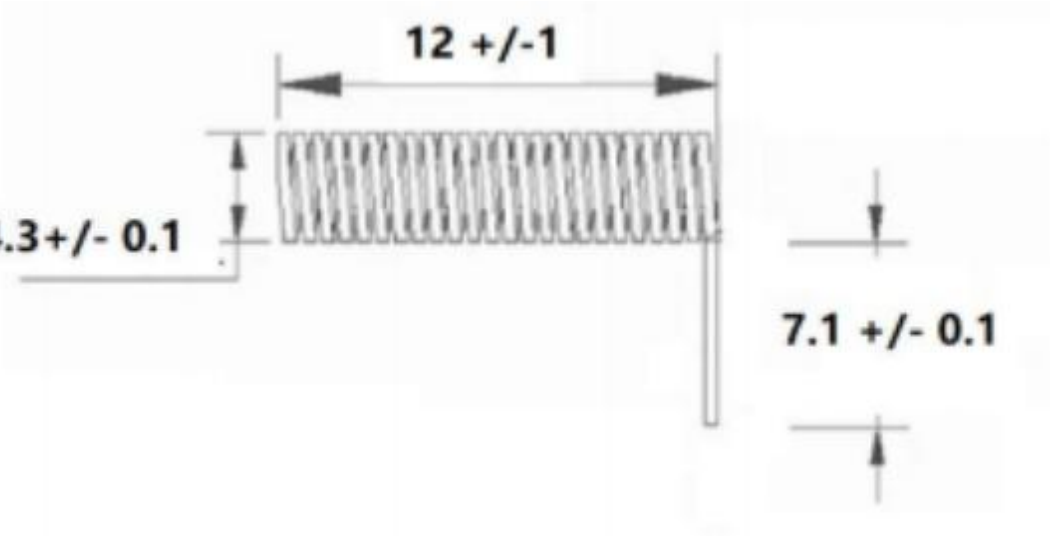
<i>Item</i>	<i>Description</i>
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二、 -----	specification table
三、 -----	finished product figure
四、 -----	test report

二、specification table

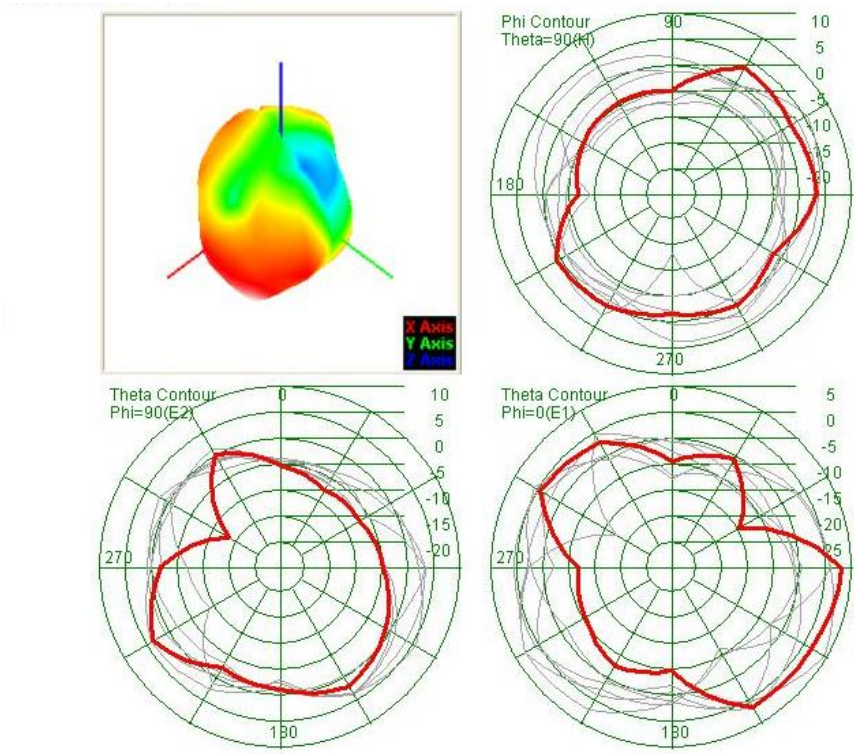
Main technical parameters of products

the key technical indexes		Main technical specifications	
frequency range (MHZ)	428~438	Frequency Range (MHZ)	428~438
characteristic impedance(Ω)	50	Impedance(Ω)	50
Peak gain(dBi)	4.0	Peak Gain(dBi)	4.0
Output voltage standing-wave ratio	≤ 1.5	VSWR	≤ 1.5
Polarization mode	Linear polarization	Polarization	linear polarization
directionality	Omnidirectional	Radiation	Omni-directional
attended mode	post	Connector Type	terminal
physical property		Physical Properties	
Antenna jacket material		Antenna cover	
Working temperature	-20℃~+70℃	Operating Temp	-20℃~+70℃
Preservation temperature	-20℃~+70℃	Storage Temp	-20℃~+70℃

三、 finished product figure:



四、 test report



Frequency/MHz	428	429	430	431	432	433	434	435	436	437	438
Peak Gain/dBi	2.91	2.91	2.95	2.97	2.97	4	2.98	2.91	2.95	2.97	2.96
Efficiency%	12.48	12.91	12.55	12.57	12.91	12.62	12.96	12.81	12.53	12.32	12.78