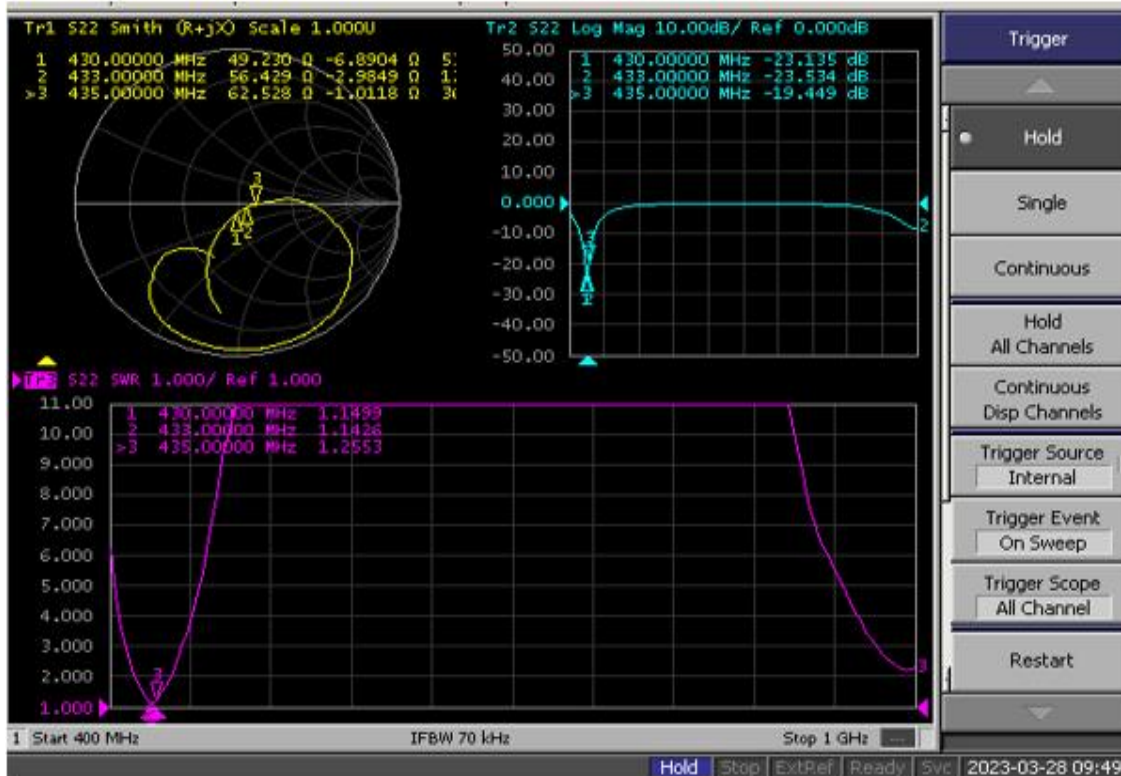


无源测试数据Passive test data

1.参数表Parameters Table

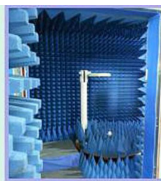
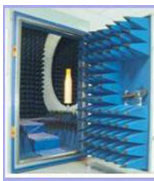
电气参数Electrical parameters	
频率frequency (MHz)	430-435
增益gain (dBi)	0dBi
驻波比standing-wave ratio	≤ 1.5
效率/Efficiency	$\geq 18\%$
极化/Polarization	LINE
工作温度/Operating Temperature	-20~+60℃

2.驻波图Standing wave diagram



Frequency(MHz)	430	433	435
VSWR	1.14	1.14	1.25

3.测试仪器testing instrument



SATIMO-24

ETS

Simulated head hand



Agilent-8960

Amway-MT8820C

CMW500

Agilent-E5071C

test system

Test-Environment

Active test

Passive testing

SATIMO-24

Temperature: 22 °C±3 °C

Support-2G/3G/4G

400MHZ G

ETS

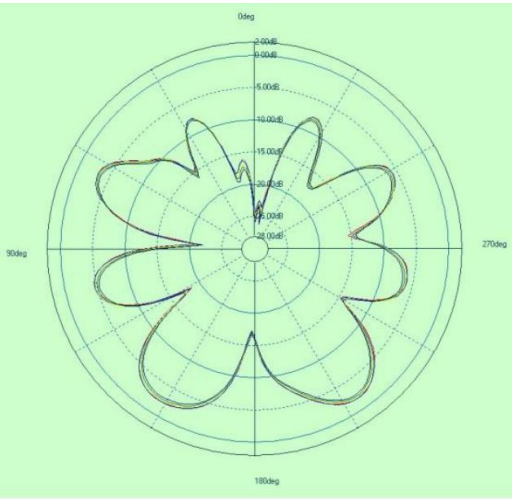
Humidity: 50%±15%

BT/WIFI/GPS

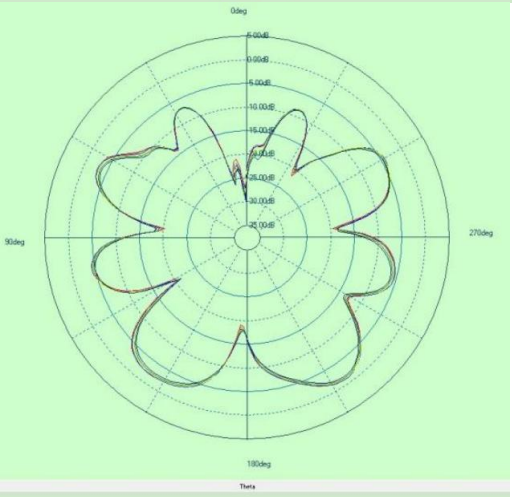
4.效率efficiency

Frequency (MHz)	Efficiency (%)
430	21.27
433	21.66
435	20.19

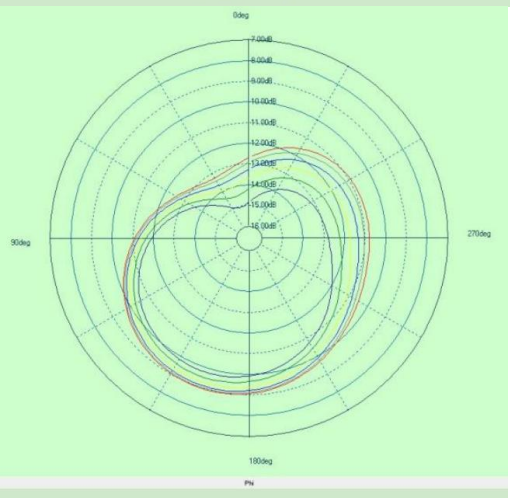
5.方向图direction map



$\Phi = 0$



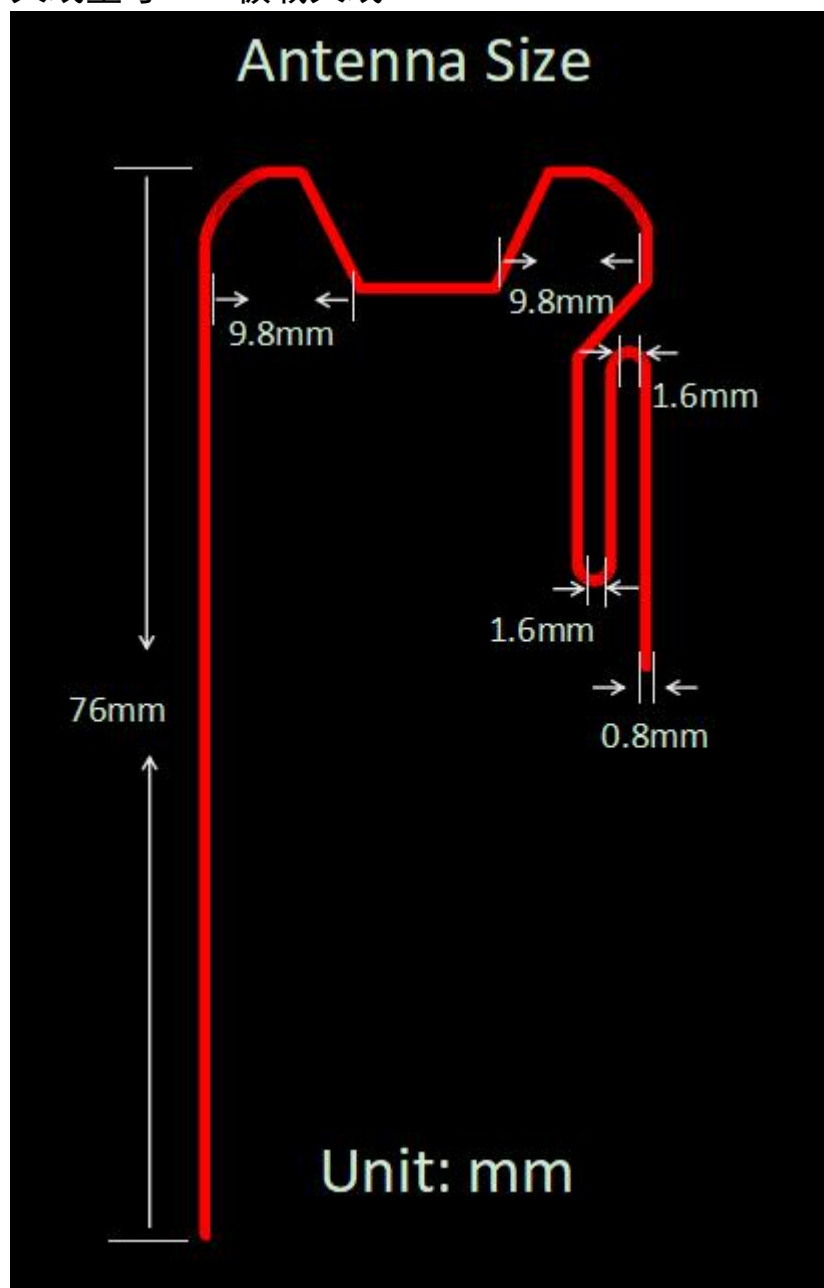
$\Phi = 90$



$\Theta = 90$

6. 天线尺寸图Antenna size diagram

天线型号:433板载天线



天线厂商名称：深圳市凯洛达电子科技有限公司

ShenZhen Kanlead Electronic TECH Co., Ltd.

地址：深圳市宝安区沙井街道大王山顺捷工业园A栋2楼

2nd Floor, Building A, Shunjie Industrial Park, Dawangshan, Shajing Street, Baoan District, Shenzhen