

广州冬麦科技有限责任公司

智能手表蓝牙天线承认书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMERNAME:

产 品 名 称1

RODUCT NAME: W14

料号P/N: AP1000

REV:B

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY	杨小凤	
APPROVED BY	谷伟	
DATE	2021-3-10	

产品主要技术参数

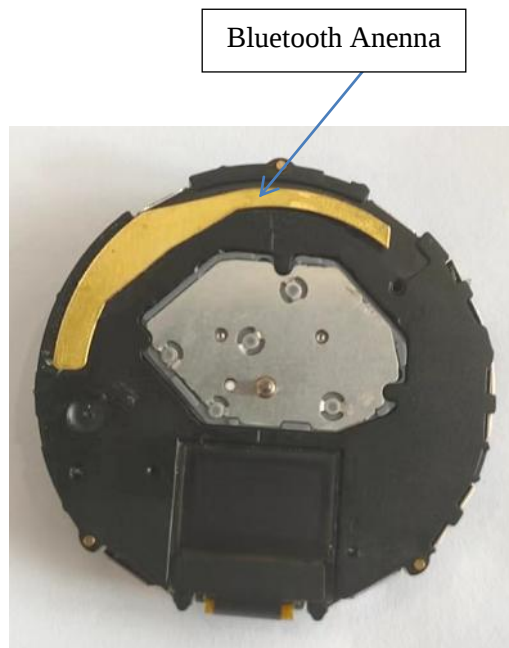


主要技术参数		Main technical specifications	
频率范围 (MHZ)	2402-2480	Frequency Range (MHz)	2402-2480
中心频率 特性阻抗 (Ω)	50±10	Center frequency Impedance(Ω)	50±10
增益(dBi)	0±0.5	Peak Gain(dBi)	0±0.5
输出电压 驻波比	<2.0	VSWR	<2.0
极化方式	垂直极化	Polarization	Linear,Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	顶针	Connector Type	Pogo pin
物理性能		Physical Properties	
天线本体材料	Copper	Antenna Base	Copper
工作温度	-20℃~+60℃	Operating Temp	-20℃~+60℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

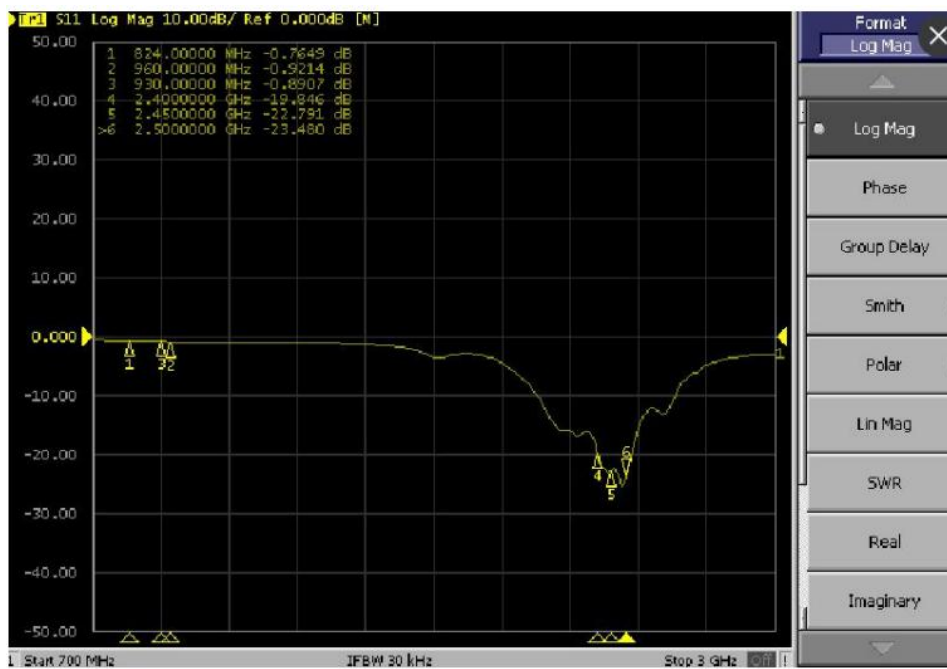


1. Summary

The bluetooth antenna of W14 movement is made of brass and connected to the motherboard through pogo pin.



2. The measurement of S-parameter



3. The efficiency of BT

Frequency(MHz)	Effi(%)	Effi(dB)
2402	14.19	-8.48
2410	16.22	-7.9
2420	18.51	-7.33
2430	19.37	-7.13
2440	20.35	-6.91
2450	22.38	-6.52
2460	18.31	-6.14
2470	17.33	-6.32
2480	16.65	-6.08

