



深圳市东信通电子科技有限公司

ShenZhen Eastong Electronic technology Co., LTD

4th Floor, Building 1, Lane 18, Jinzhu Community, Yangmei Village
, Yangmei Community, Bantian Street, LonggangDistrict, Shenzhen

APPROVAL SHEET

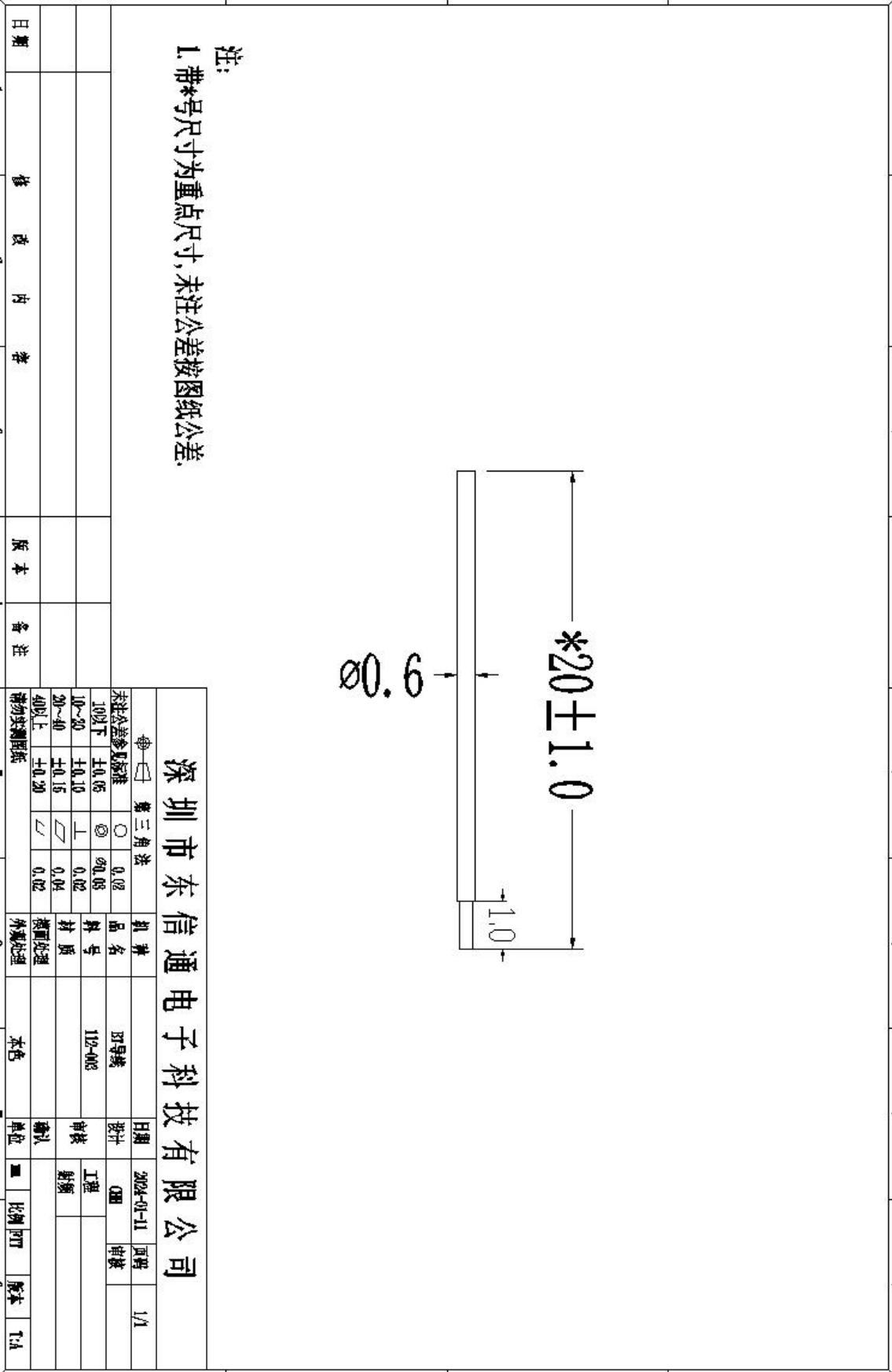
Issued by		Checked by	
Confirmed by		Date	2024-01-11
Customer Confirm			

零件料号:WATCH3PRO-E-06D

零件品名: 蓝牙天线

零件描述: PUS 材质/∅ 0.6mm/线长 20mm/单头剥线上锡 1.0mm

Project: 蓝牙天线 Date:		Author: 许小荣	File Name: 蓝牙天线-APP-RA
2024-01-11			
Rev:	Language:	Check:	
A	ENG		
CONFIDENTIAL ShenZhen Eastong Electronic technology Co., LTD			

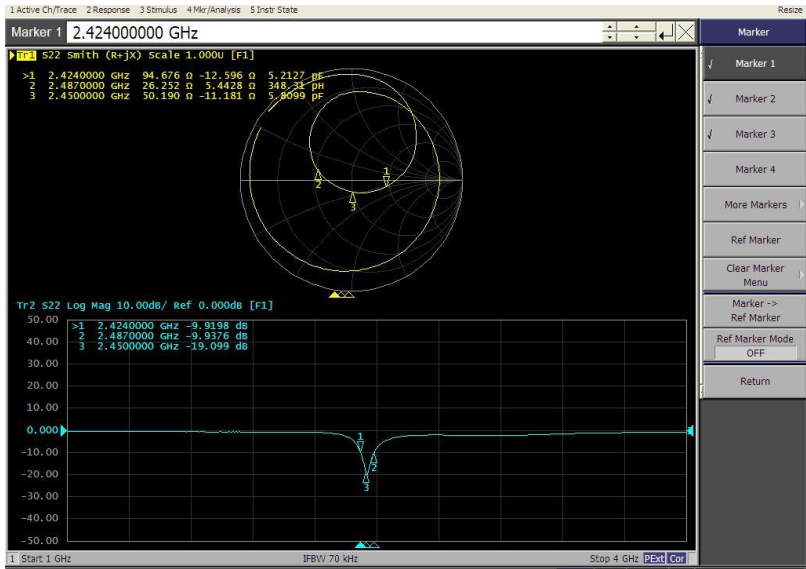


Project: 美博胜 蓝牙天线		Author: 许小荣	File Name: 蓝牙天线-APP-RA
Date: 2024-01-11			
Rev:	Language:	Check:	
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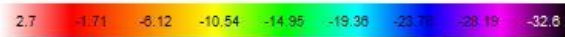
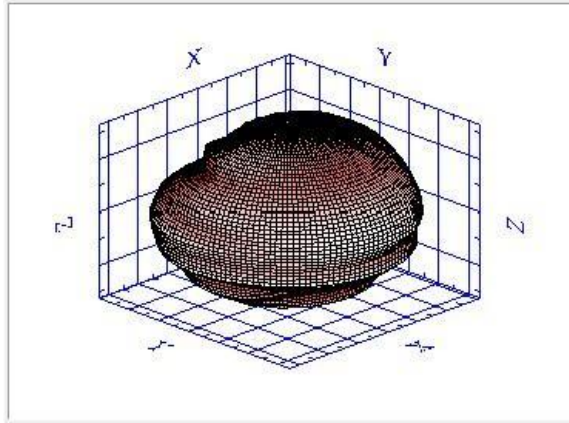
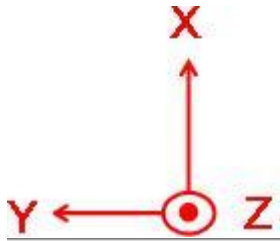
电气参数
Electrical parameters

工作频率working frequency	2400-2483.5MHz
峰值增益Peak gain	4.09 dBi
阻抗impedance	50 欧姆
极化方式Polarization mode	线性
方向图directional diagram	Omni-directional
使用环境service environment	-30 到 80℃

特性曲线
Characteristic curve

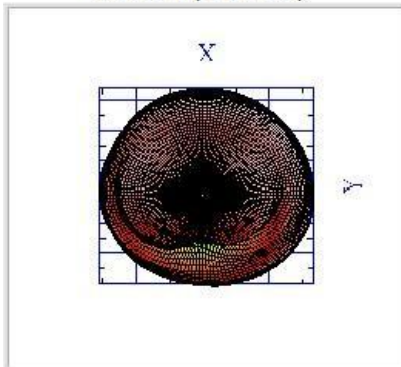


方向图
Radiation Pattern

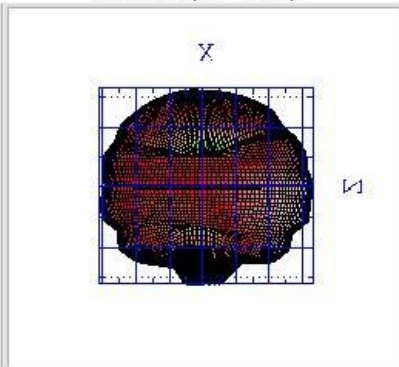


Frequency (MHz)	TRP (dBm)	Efficiency (%)
2450.00	-1.38	72.7
Peak EIRP (dBm)	Max. Power (dBm)	Directivity (dBi)
2.7	2.7	4.09
NHPRP +/- 45 (dBm)	Min. Power (dBm)	Average Gain (dB)
-2.41	-32.6	-1.38
NHPRP +/- 30 (dBm)	Avg. Power (dBm)	Upper Hem. (dBm)
-3.45	-1.13	-3.84
E-Theta Peak Gain (dBi)	Max. / Min. Ratio (dB)	Lower Hem. (dBm)
1.85	35.3	-5.02
E-Phi Peak Gain (dBi)	Max. / Avg. Ratio (dB)	Upper Hem. (%)
2.23	3.83	41.26
E-Total Peak Gain (dBi)	Min. / Avg. Ratio (dB)	Lower Hem. (%)
2.7	-31.47	31.45

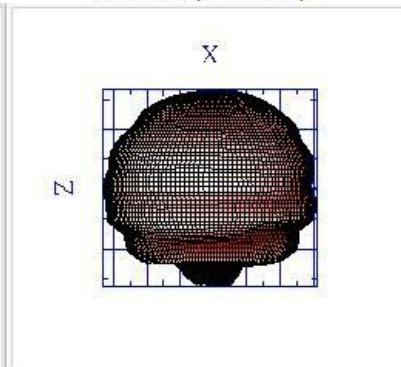
XY Plane (+ Z View)



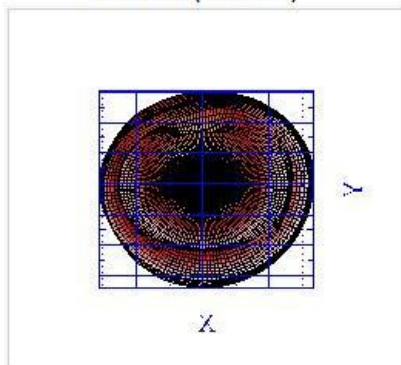
XZ Plane (- Y View)



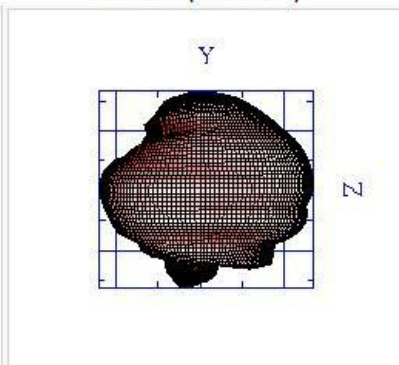
XZ Plane (+ Y View)



XY Plane (- Z View)



YZ Plane (+ X View)



YZ Plane (- X View)

