

APPROVED BY VENDOR							
Supplier				Lifesense Medical			
Make	R&D	Quality	Approve	R&D	Quality	Supply Chain	Approve
YCQ	YZJ	YXP	HJJ				
Remark:							

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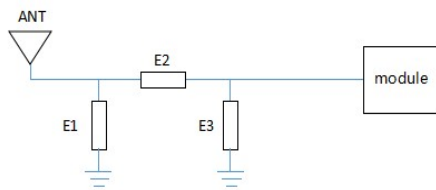
# Three、Change History

Number	Change Date	Project Name	Version	Change Content	Remark
1	2022/9/6	TMP-2281	A	Production of mass production approval letter	

## Four、Electrical and Electronic Performance\_Electrical and Mechanical

2.4GHz Antenna Test Report					
Project Name	TMP-2281	Test by	YZJ	Date	2022/8/23
Project Stage	Trial production machine	HW version		SW version	
Instruments	8753D	Test Chamber	ETS		
Test conclusion		Remark			

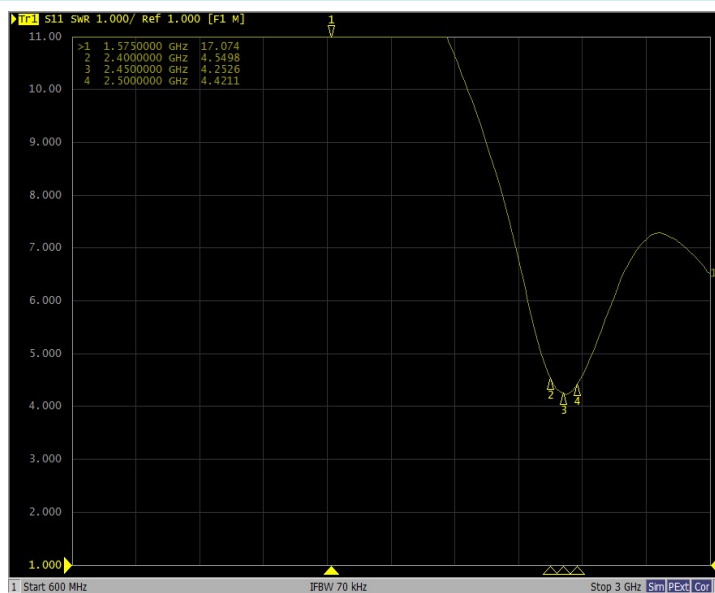
### 1. Matching Circuit



Element	BLE
E1	
E2	
E3	

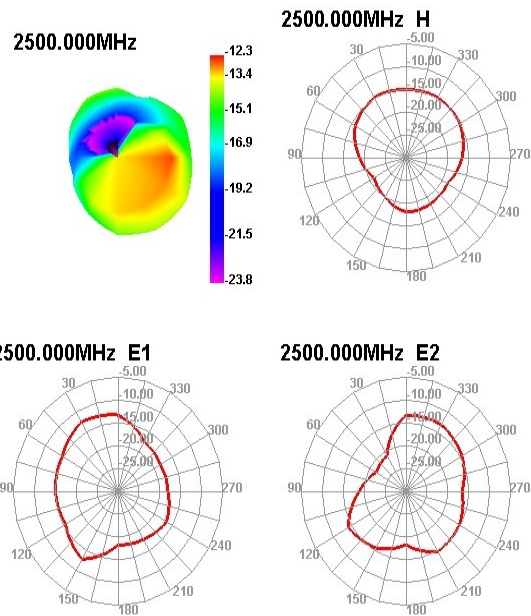
The match is unchanged

### 2. VSWR and Return Loss

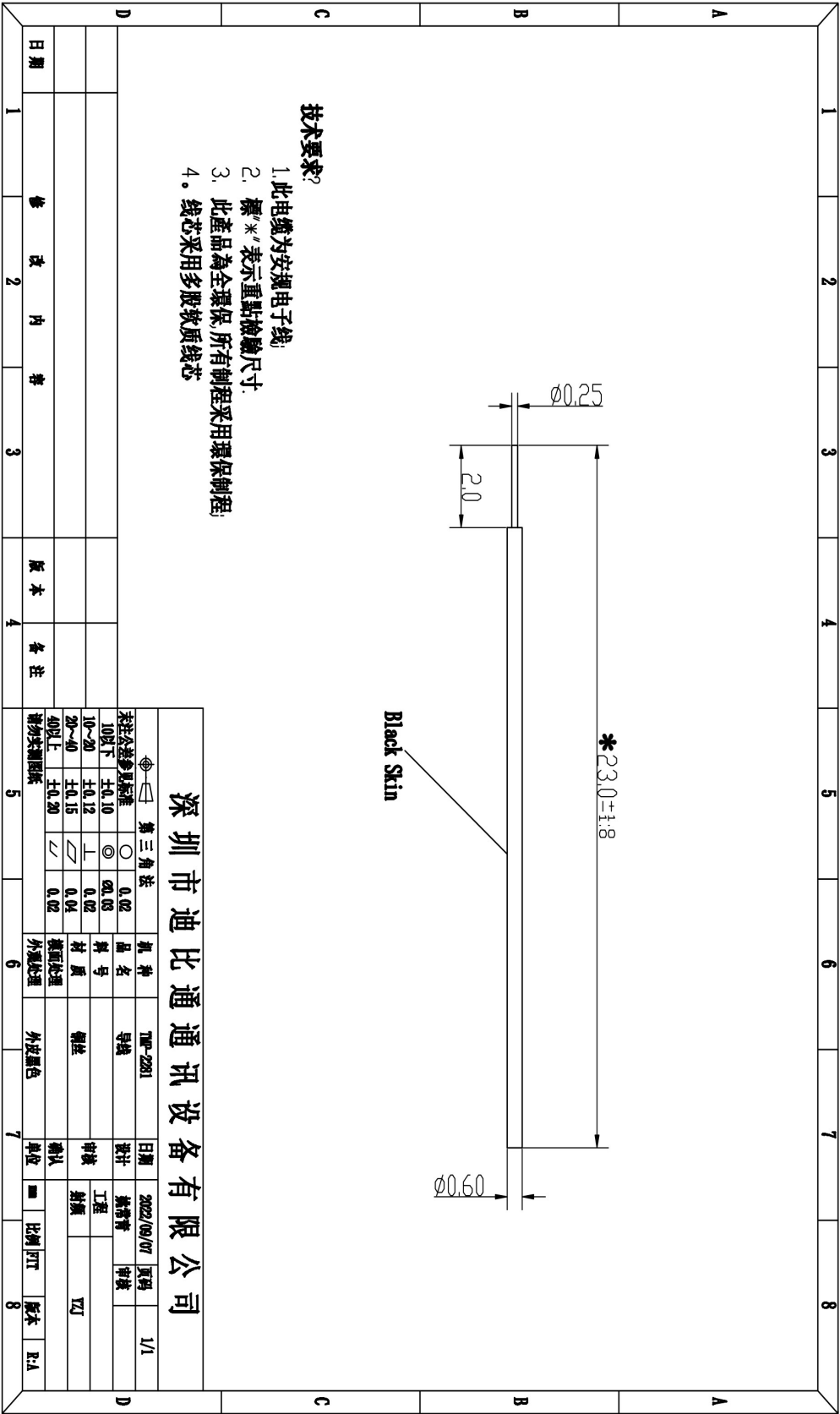


### 3. Antenna efficiency and 3D POLar plot

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	2.17	-16.63	-13.08
2410	2.01	-16.98	-13.43
2420	2.47	-16.08	-12.63
2430	2.26	-16.45	-12.8
2440	2.94	-15.31	-11.51
2450	2.52	-15.98	-12.26
2460	2.98	-15.26	-11.38
2470	2.55	-15.93	-11.78
2480	3.34	-14.76	-10.5
2490	2.63	-15.8	-11.45
2500	3.26	-14.87	-10.35



Five、2D Drawing



## Six、Key Bill of Materials & BOM

Number	Project Name	Split Name	Split Part Model	Manufacturer's name	Applicable Products
1	TMP-2281	Insulating Layer	FEP	XINDIAN	Conducting wire
2		Tinned copper wire	Cu-Sn	XINDIAN	Conducting wire

FMQAI-018-F4.01

FMQAI-018-F4.01

Eight、RoHS Report

Supplier Name:			Shenzhen DBT Communication Device Co., Ltd							Supplier Approver:						
Supplier Address:			Rm505, 8th building, Yungu 2nd period, pingshan No.1 Road, Xili Town,Nanshan District, ShenZhen, China							Approver Email:						
Supplier Form Filler :			Yang ziji							Supplier Contact Number:						
Email Address:			<a href="mailto:dbt_vxp@163.com">dbt_vxp@163.com</a>							Date:						
NO.	Lifesense Medical Part No	Supplier part	Product Name	Specifications	Name and model	Material content (mg)	Supplier	Report Number	Test Date	Testing facility	RoHS					
											Cd	Pb	Hg	Cr(VI)	(PBBs)	(PBDEs)
dong li	30100001677	TMP-2281	BLE-ant	TMP-2281, Songda Wire, φ0.6±0.03mm, DBT	DBT-2281	9	XINDIAN	SHAEC2127178503	2021/12/21	SGS	ND	ND	ND	ND	ND	ND
						5	XINDIAN	MQCQ19EG0406407D1	2022/3/23	谱尼	ND	ND	ND	ND	ND	ND

Yang zhigang

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0755-83763273

2022/9/6

				卤素		SCCP	HBCDD	Sb	Sb203	Be	As	Organotin (TBT/TPT/DBT/TBTO/DOT)	PAHS	Ni release	Azo dyes	Allergenic & Carcinogenic Dyes	DMF	BPA	PFOS& PFOA	PCP	Forma ldehy de	邻苯	加州 65	REACH SVHC	备注	MSDS	VOC回执	VOC测试报 告
DEHP	BBP	DBP	DIBP	Br	Cl																							
ND	ND	ND	ND	ND	ND					ND			ND									ND		210				
ND	ND	ND	ND							ND														210				



广东乐心医疗电子有限公司  
Guangdong Transtek Medical Electronics Co.Ltd  
供应商关于REACH法规的声明书

Supplier Declaration for Substances of Very High Concern in REACH Regulation

Responsible Issuer: Supplier Information 供应商信息

Company Name 公司名称	Shenzhen DBT Communication Device Co., Ltd
Manufacturing Location Address 公司地址	Rm505, 8th building, Yungu 2nd period, pingshan No.1 Road, Xili Town, Nanshan District, ShenZhen, China
Authorized Signature 授权人签名	杨志钢
Name 填表人	杨小平
Title 职称	品质经理
Email 邮箱	dbt_vxp@163.com
Date 日期	20220802
Company Stamp 公司印章	

Object of Declaration 声明书内容

Part Number 声明零件编号	30100001677
Part Description 零件描述	TMP-2281, Single Wire, $\phi$ 0.6*23mm, DBT
Was this part tested for SVHCs?	Yes
number(s) 测试报告编号	SZXEC2202337501
SVHC test report date(s) 测试日期	20220715

☒ Above all parts or products supplied directly or indirectly from Company to Guangdong Transtek Medical Electronics Co.,Ltd do not contain SVHCs substances listed EC.1907/2006 document(See **SVHCs latest list** Annex1),and fulfill requirements for REACH regulation EC. No 1907/2006 Annex XVII (See REACH annex XVII).

供应商提供给TRANSTEK的所有产品及材料都不含有REACH法规规定的高关注度物质SVHC (**SVHCs 最新清单**见附件1), 且产品能够满足REACH法规的附录十七的限用物质的要求(详见REACH附录





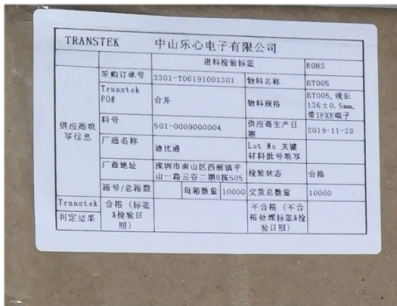
☐ Above all parts or products except the parts filling in table 1 supplied directly or indirectly from Company toGuangdong Transtek Medical Electronics Co.,Ltd contain SVHCs substances listed EC.1907/2006 document( See **SVHCs latest list** Annex 1).Please put the part containing SVHCs to fill in table 1 and listing in table 1 P/N product contain SVHCs is less than 1000PPM,and fulfill requirements for REACH regulation EC.No 1907/2006 Annex XVII (See REACH annex XVII). 供应商提供给TRANSTEK的产品及材料含有REACH法规规定的高关注度物质SVHC (**SVHCs 最新清单**见附件), 且其浓度不超过0.1%(wt%),含有的高度关注物质信息需填入下表一内, 且产品能够满足REACH法规的附录十七的限用物质的要求。

☐ Above all parts or products except the parts filling in table 1 supplied directly or indirectly from Company toGuangdong Transtek Medical Electronics Co.,Ltd contain SVHCs substances listed EC.1907/2006 document( See **SVHCs latest list** Annex 1).Please put the part containing SVHCs to fill in table 1 and listing in table 1 P/N product contain SVHCs is more than 1000PPM,and fulfill requirements for REACH regulation EC.No 1907/2006 Annex XVII (See REACH annex XVII). 供应商提供给TRANSTEK的产品及材料含有REACH法规规定的高关注度物质SVHC (**SVHCs 最新清单**见附件), 且其浓度超过0.1%(wt%),含有的高度关注物质信息需填入下表一内, 且产品能够满足REACH法规的附录十七的限用物质的要求。

Table 1

P/N 零件编号	Weight(g) 零件重量	SVHC Name SVHC 名称	content 浓度	Unit 单位	Location of substance 使用位置	CAS Number 化学文摘社登记编号
ensure its accuracy and that such information is true and correct, as of the date company completes this form.In the event that Company has not in independently verified information provided by others ,Company agrees and assures that ,at a minimum,its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification provided in this paragraph. If the facts prove or may prove contrary to the content of the certificate, we will take the relevant responsibilities for the consequences caused.本公司声明如下：在本文件中提供的所有信息均采用适当的方法收集，以确保其准确性，至填写该表格时间以前，以上信息是真实和正确的。如果公司尚未提供独立验证信息，公司保证至少其供应商提供了有关其对该部分的认证，这些认证至少与本段中提供的认证信息一样全面。 如果有事实证明产品不符合以上声明的内容，我们将对造成的后果承担相关责任。						
☆☆备注：所有版本改版依据欧盟ECHA公布的SVHC的目录更新记录而更改，产品中只要含有SVHC，不管浓度多少都必须填写TABLE 1.						

# Ten、Packing

1.2D drawing of a single product		Product part number	30100001677
		Product name	TMP-2281/ Conducting wire
		Product Version	V1.0
3.Photo of all layers in the box stacked	4.Photos of the whole box after sealing	Number of full pages	1000PCS
		Remarks: The picture on the left is for reference, and the quantity of each box is subject to the actual product.	
5.photo of the whole package	6.photo of carton label	Storage conditions: -10° to 30° , indoor humidity below 70% RH	
			
Note: The pictures in the above picture are only for demonstration of packaging standards and cannot be used for final data review.			
Check	Yang xiaoping	Date	2022-9-6