



深圳市麒鑫通达科技有限公司

SHENZHEN QXTD Technology Co., Ltd

样 品 承 认 书

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Shajing Street, Baoan District, Shenzhen

Part Approval Sheet

Version: V1.0

Customer:	<u>Shenzhen Haikangsheng Intelligent Co., Ltd</u>
Project:	<u>Bluetooth antenna</u>
Part Name:	<u>Conducting wire</u>
Part Color:	<u>Black</u>
Part Number:	<u> </u>
Sample Delivery Date:	<u>April 3, 2021</u>
Sample Quantity:	<u>5PCS</u>
Sample type:	<u>Built-in Bluetooth wire</u>
Reason for Sample Delivery:	<u>☐New tooling ☐New supplier ☐Tooling change ☐Engineering change ☐Other:</u>
Remark:	<u> </u>



1. Graphic for reference



Figure 2 0.8*20mmBT

Name	ANTENNA
Model	LT13
Frequency	2.4GHz-2.5GHz
Input impedance	50Ω
Allowed power	5mW
Working temp.	-25 ~ +65 °C
Storage temp.	-40 ~ +85 °C
Weight	0.25g
Antenna gain	0dBi

2. OTA(Free Space)

Channel	TRP (dBm)	TIS (dBm)
0	6.3	-91.1
39	6.5	-91.3
78	6.6	-91.2



3. BT Test

Test term	Environment	Max pairing distance	BT Call distance	
BT	Office	16-18m	10-12m	

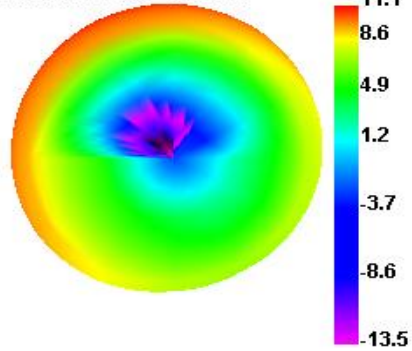
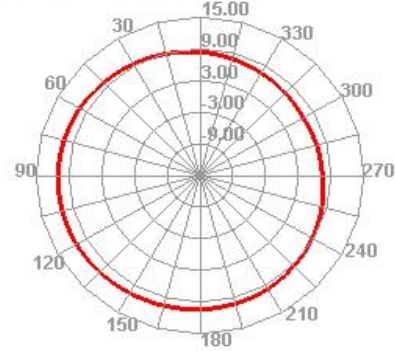
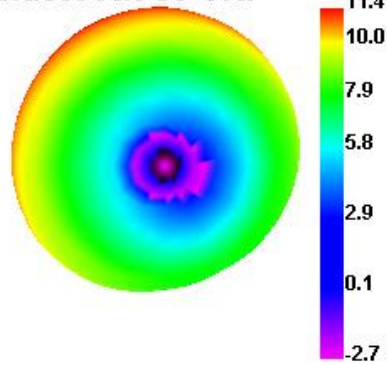
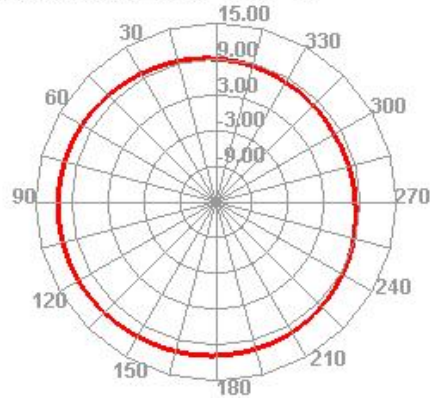
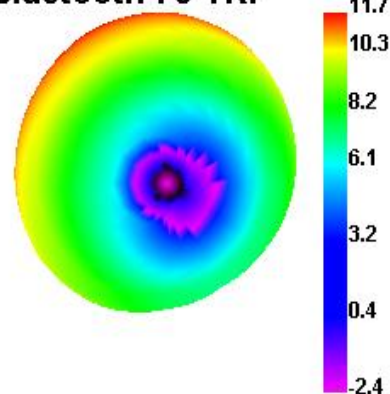
Technical drawing of a core wire (芯线) with dimensions:

- Core wire diameter: $\phi 0.80 \pm 0.1$
- Core wire length: 20.00 ± 2
- Core wire coating thickness: 1.50 ± 1

Core wire coating: 芯线上锡

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第三角法		机种		日期		页码		1 of 1	
φ~10	±0.10	○	0.02	品名	设计	审核	工程	审核	long
10~20	±0.12	◎	0.05	料号					
20~40	±0.15	⊥	0.02	材质					
40~	±0.20	∇	0.04	表面处理					
		∇	0.02	表面处理					
修改实施图版 位置				单位		比例		1:1	
				mm		mm		mm	

5.Field

Bluetooth 0 TRP**Bluetooth 0 TRP H****Bluetooth 39 TRP****Bluetooth 39 TRP H****Bluetooth 78 TRP****Bluetooth 78 TRP H**