



深圳市麒鑫通达科技有限公司

SHENZHEN QXTD Technology Co., Ltd

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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

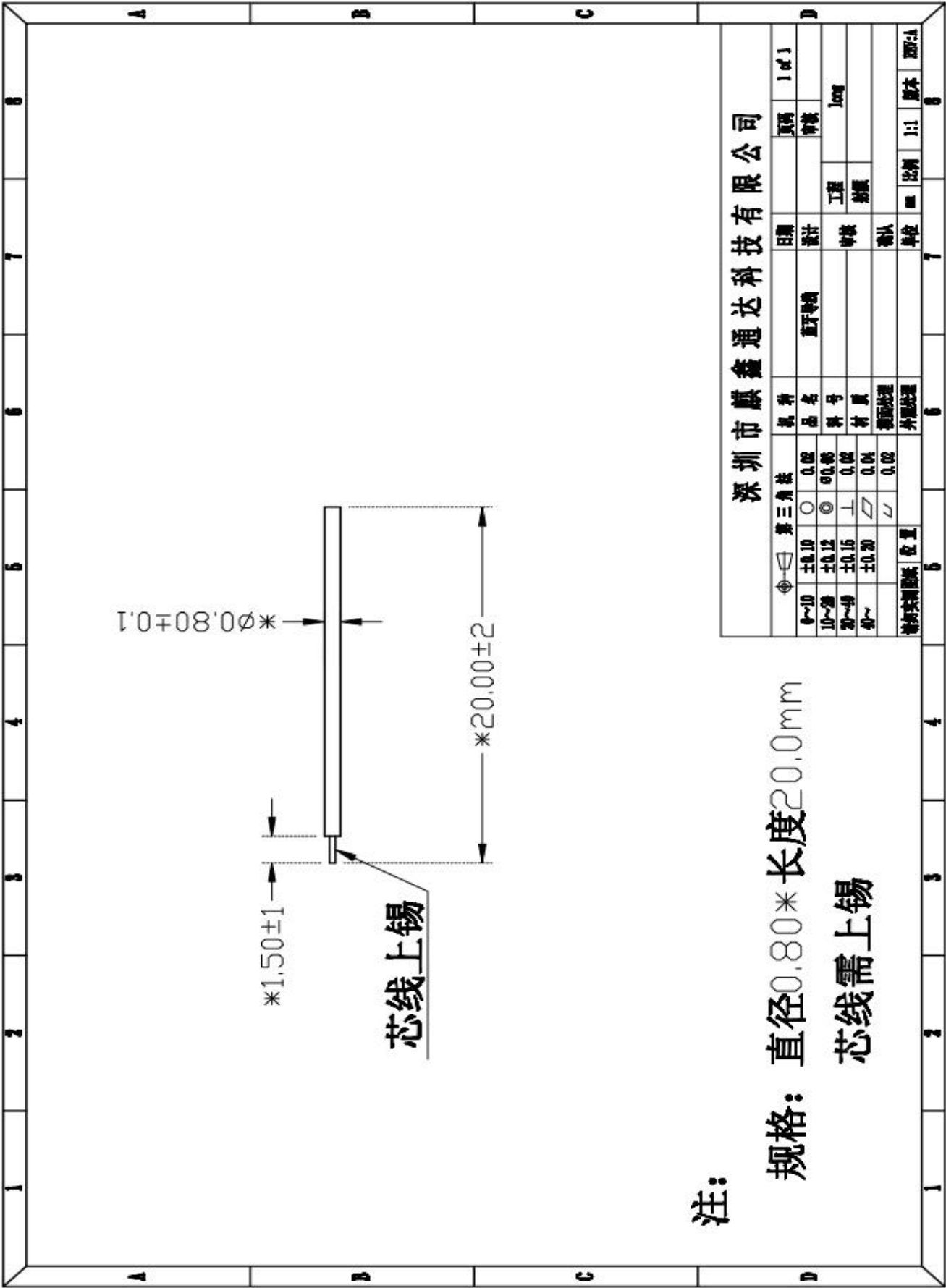


3. BT Test

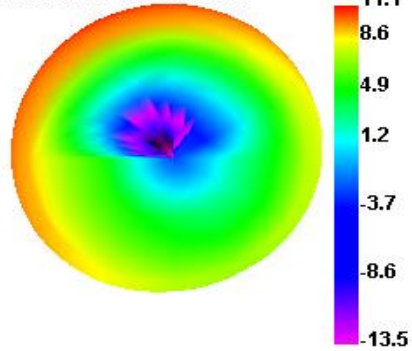
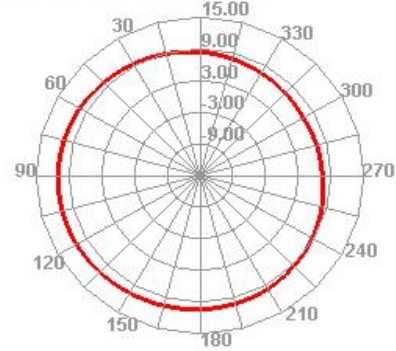
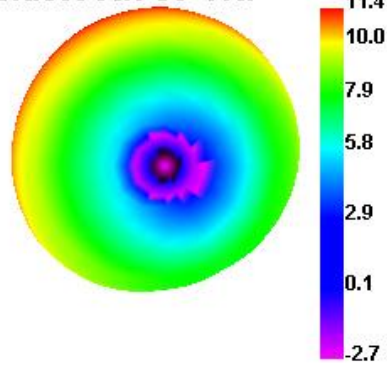
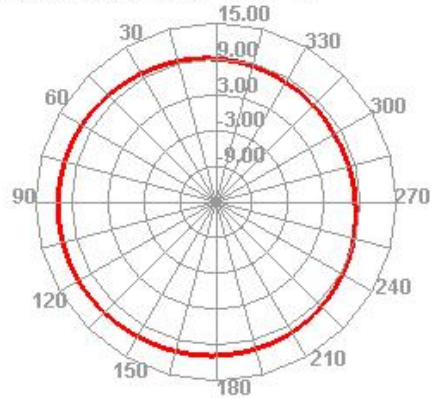
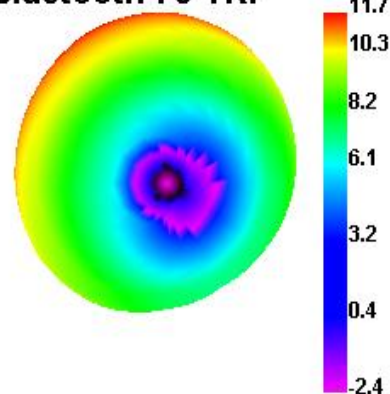
Test term	Environment	Max pairing distance	BT Call distance	
BT	Office	16-18m	10-12m	



4. Blueprint



5.Field

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