

Floor 1, Building 1,

Sha-North Yongfa Science Park, Xinhe Road, Gonghe Community, Shajing Street, Baoan District, Shenzhen

Version: V1.0

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

Supplier sample production confirmation: (stamp required)

Formulate	Confirm	Approve	Quality	Stamp
代庆蓉 Qingrong Dai	龙超群 Chaoqun Long	傅梁成 Liangcheng Fu	曹光平 Guangping Cao	

Customer approval:

Project confirmation	Project approval	Quality confirmation	Quality approval	Confirmation date



1. Graphic for reference



Figure 2 0.8*20mmBT

Name	ANTENNA
Model	ALK1
Frequency	2402-2480MHz
Input impedance	50Ω
Allowed power	5mW
Working temp.	-25 ~ +65 °C
Storage temp.	-40 ~ +85 °C
Weight	0.25g
Antenna gain天线增益	-1.8dBi

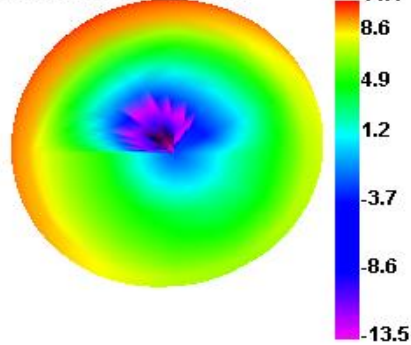
2. OTA(Free Space)

Channel	TRP (dBm)	TIS (dBm)
0	6.3	-91.1
19	6.5	-91.3
40	6.6	-91.2

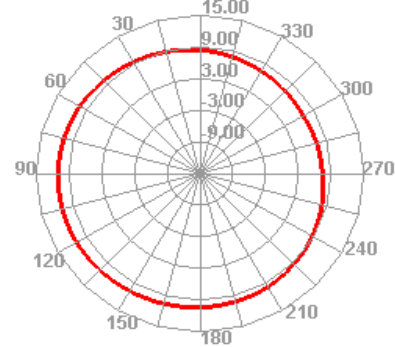


3.Field

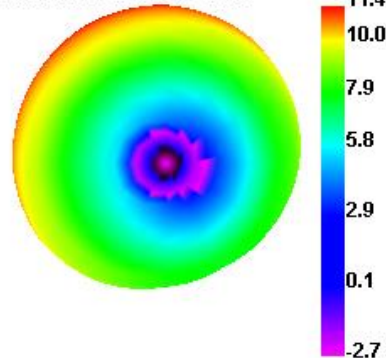
Bluetooth 0 TRP



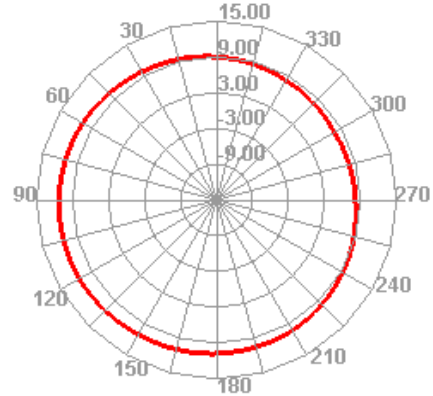
Bluetooth 0 TRP H



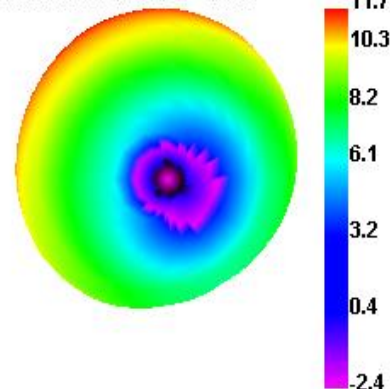
Bluetooth 39 TRP



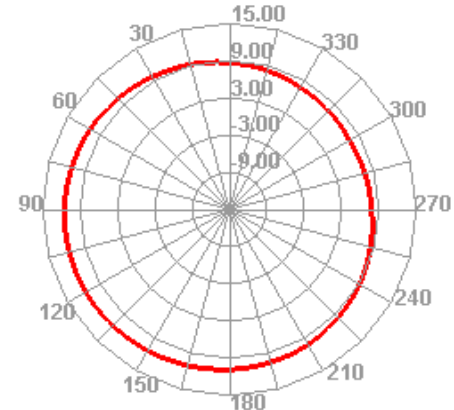
Bluetooth 39 TRP H



Bluetooth 78 TRP



Bluetooth 78 TRP H



4. BT Test

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



5. Blueprint

