



深圳市麒鑫通达科技有限公司

SHENZHEN QXTD Technology Co., Ltd

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Part Approval Sheet

Version: V1.0

Customer:	<u>Shenzhen Budong Technology Co., Ltd</u>
Project:	<u>Bluetooth antenna</u>
Part Name:	<u>Conducting wire</u>
Part Color:	<u>Black</u>
Part Number:	<u>LT13</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>
Manufacturer:	<u>SHENZHEN QXTD Technology Co., Ltd</u>
Address:	<u>B1, Shayi North Yongfa Science and Technology Park, Xinhe Road, Gonghe Community, Shajing Street, Baoan District, Shenzhen City</u>

Supplier sample production confirmation: (stamp required)

Formulate	Confirm	Approve	Quality	Stamp
代庆蓉	龙超群	傅梁成	曹光平	

Customer approval:

Project confirmation	Project approval	Quality confirmation	Quality approval	Confirmation date



1.Graphic for reference



Figure 2 0.8*20mmBT

Name	ANTENNA
Model	LT13
Frequency	2.4Ghz
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	-1dBi

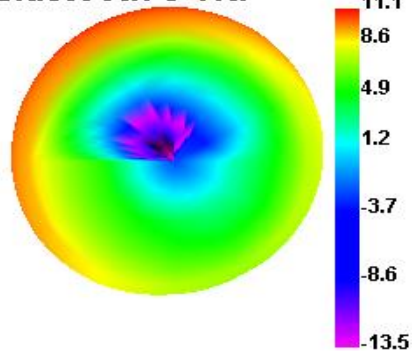
2.OTA(Free Space)

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

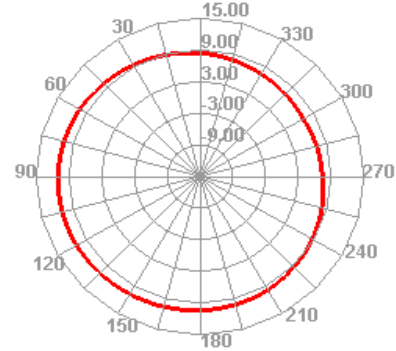


3.Field

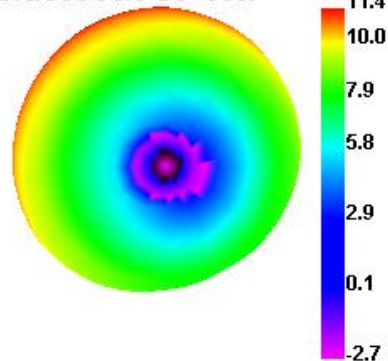
Bluetooth 0 TRP



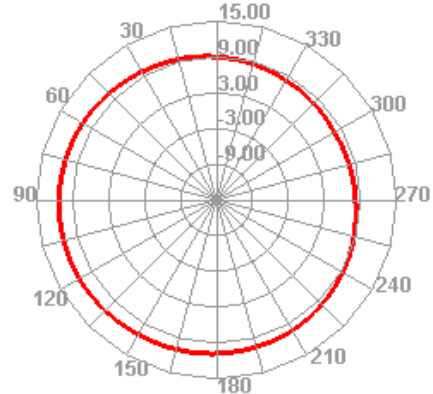
Bluetooth 0 TRP H



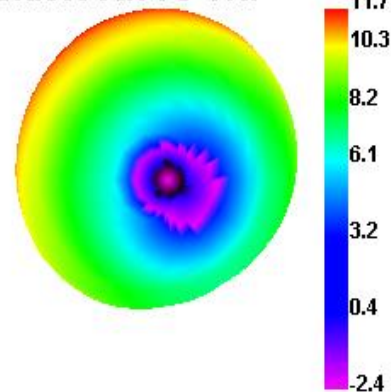
Bluetooth 39 TRP



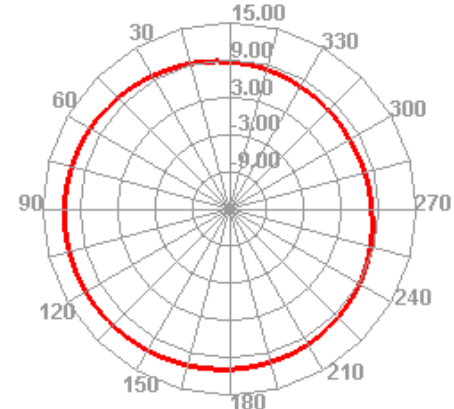
Bluetooth 39 TRP H



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

