



深圳力同创科技有限公司

Shenzhen Li Tongchuang Technology Co., Ltd.

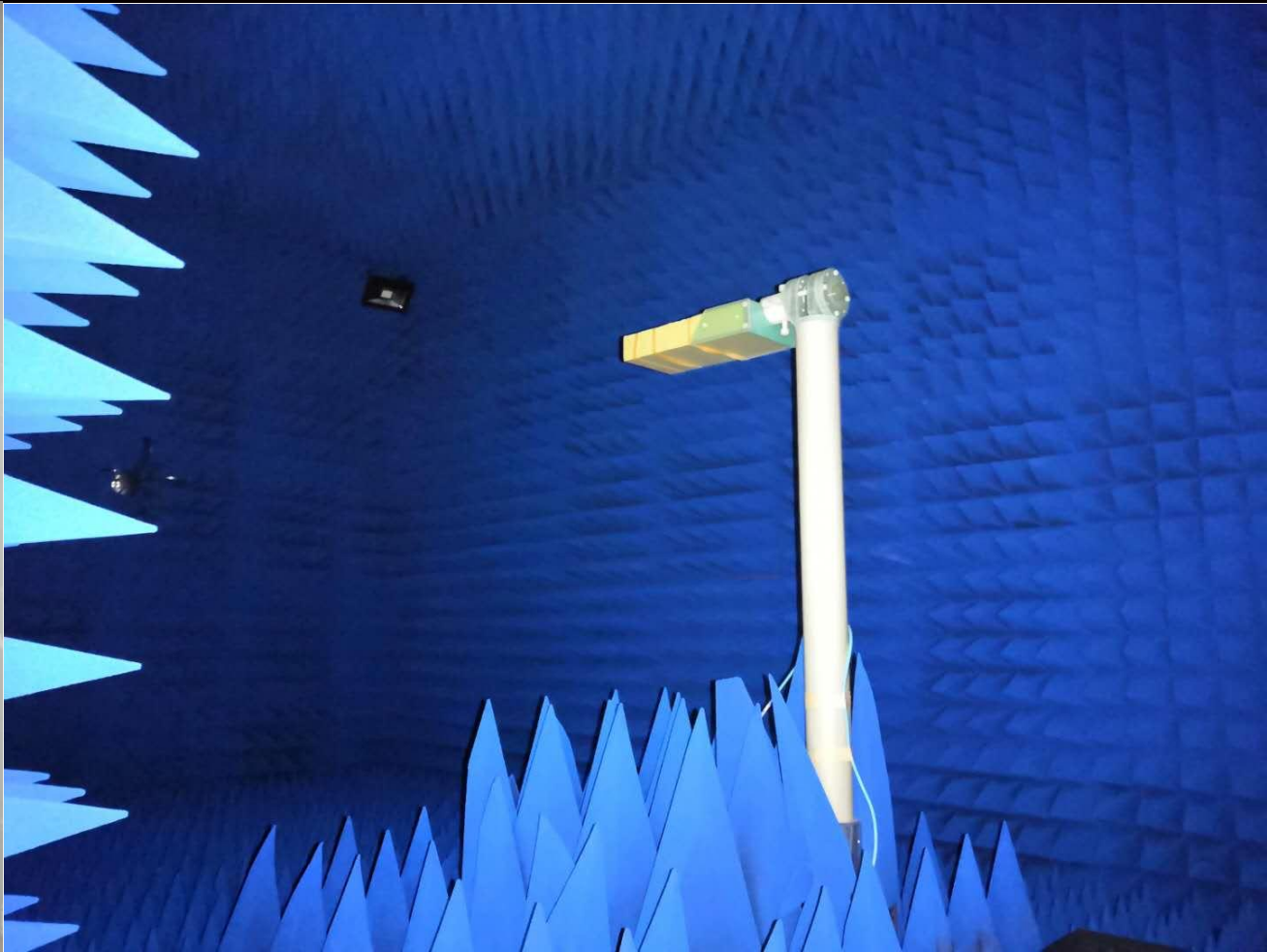
Room 603, Huashenghui Commercial Building,
Jinhai Road, Yantian Community, Xixiang Sub-
district, Bao'an District, Shenzhen City

K606蓝牙耳机天线测试报告

Antenna Test Report

1.测试工具

矢量网络分析仪&综测仪	Agelent Techmologies E5071B & R&S CMW500
暗室	Atenlab M3
测试工程师	庄志成
温度	25℃
湿度	65%（RH）

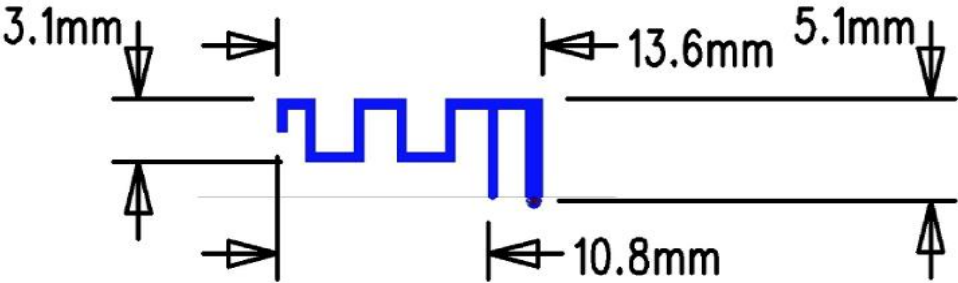




客户	君悦互联	项目名	K606
频段	2400MHZ-2500MHZ	天线工程：	康中主
		联系电话：	13510605042

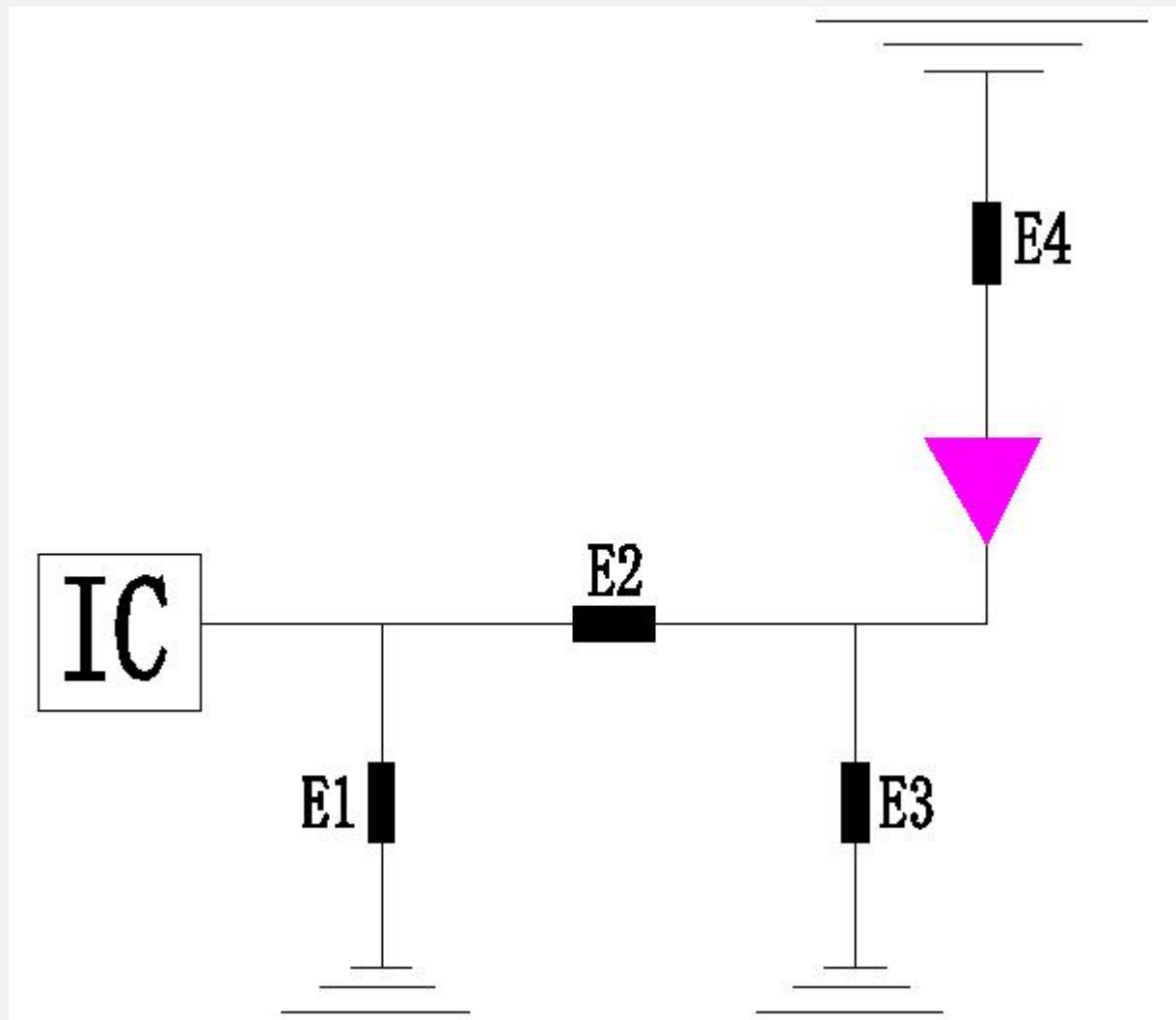
天线信息与图片：

天线制造商：	深圳市力同创科技有限公司
厂家地址：	深圳市宝安区西乡街道金海路10号华盛辉商业大厦6楼605
整机类型：	K606
天线频段：Fre.	2400MHZ - 2500MHZ
天线形式：TYPE	PCB
馈电形式：	双极
馈脚数量：	馈电点+馈地点





L匹配电路图：



E01

E02

E03

E04

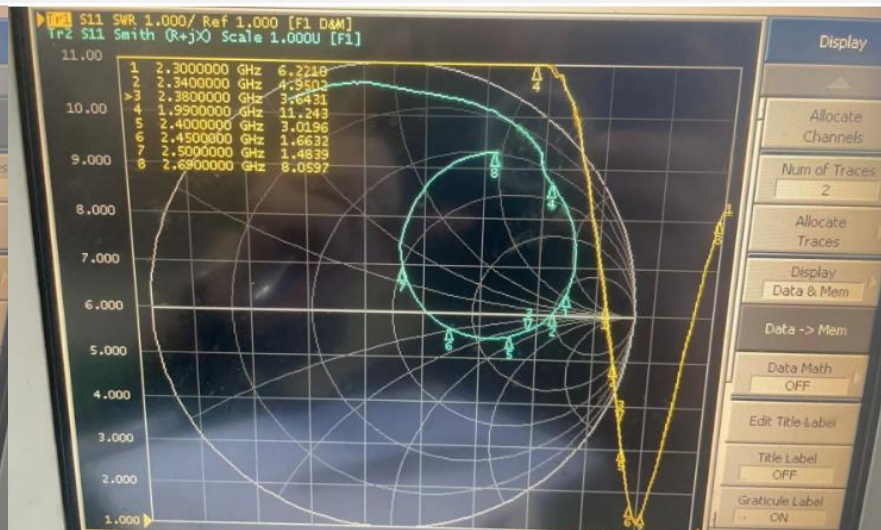
Li Tongchuang ANT S11 parameter Summary

Band	2400–2500 (MHz)		
	2400	2450	2500
R. L (dB)	-6.02	-12.2	-14.36
VSWR	3.01	1.66	1.46

LOG



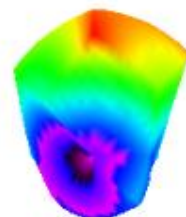
VSWR



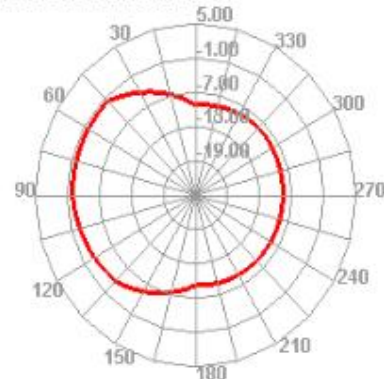
效率增益

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	25.8	-5.88	-1.25
2410	24.17	-6.17	-1.57
2420	26.21	-5.82	-1.23
2430	25.95	-5.86	-1.4
2440	25.33	-5.96	-1.62
2450	29	-5.38	-1.27
2460	33.65	-4.73	-0.6
2470	27.14	-5.66	-1.5
2480	30.05	-5.22	-0.85
2490	31.69	-4.99	-0.47
2500	31.54	-5.01	-0.41

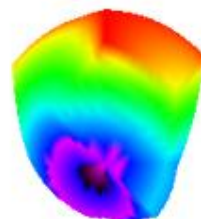
2400.000MHz



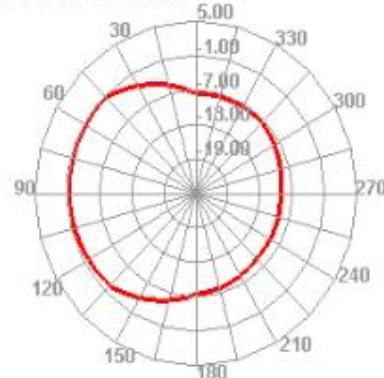
2400.000MHz H



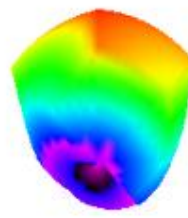
2450.000MHz



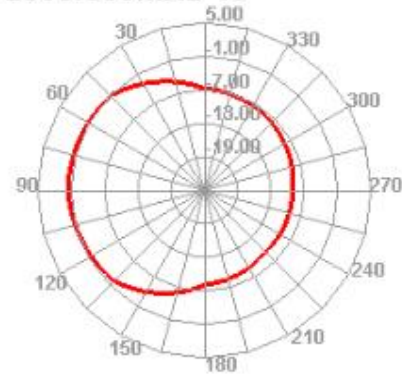
2450.000MHz H



2500.000MHz



2500.000MHz H

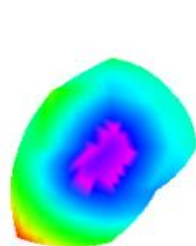


K606蓝牙耳机OTA自由空间有源测试数据

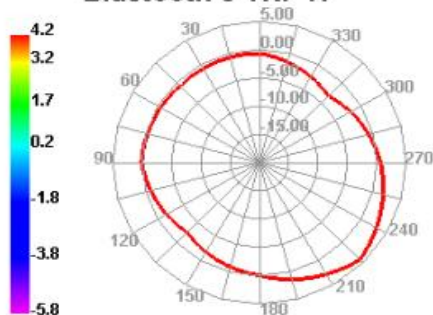
Test Result	Bluetooth TRP		
	0	39	78
Frequency (MHz)	2402	2441	2480
TRP(dBm)	-1.04	1.41	3.16
NHPRP(dBm) 45	-1.04	1.41	3.16
MAX(dBm)	4.24	5.84	6.79
EIRP peak	4.24	5.84	6.79
Min(dBm)	-9.84	-5.97	-4.34

Test Result	Bluetooth TIS		
	0	39	78
Frequency (MHz)	2402	2441	2480
TIS(dBm)	-81.7	-83.4	-86.81
NHPIS(dBm) 45	-81.7	-83.4	-86.81
RSSIAve	-0.18	1.09	3.23
MaxPosRSSI	3.39	2.97	4.58
MaxPosSens	-85.27	-85.28	-88.15
MAX(dBm)	5.1	5.52	6.86
EIS peak	5.1	5.52	6.86
Min(dBm)	-8.98	-6.29	-4.27

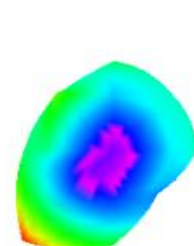
Bluetooth 0 TRP



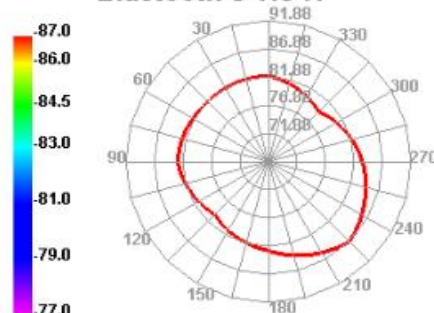
Bluetooth 0 TRP H



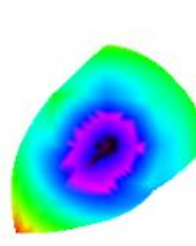
Bluetooth 0 TIS



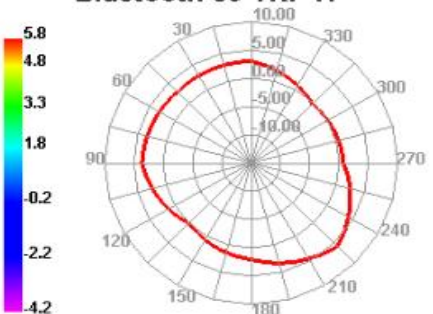
Bluetooth 0 TIS H



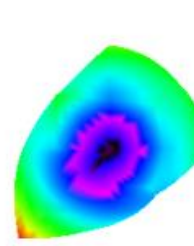
Bluetooth 39 TRP



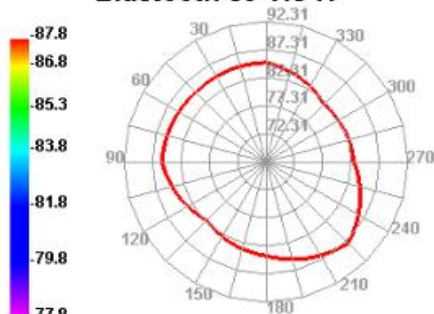
Bluetooth 39 TRP H



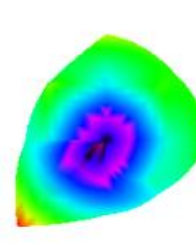
Bluetooth 39 TIS



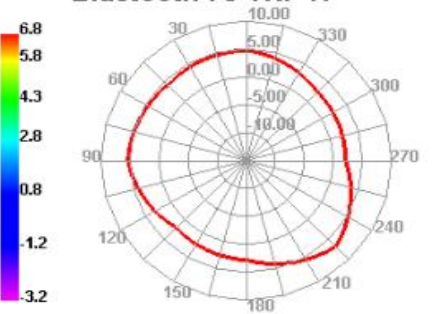
Bluetooth 39 TIS H



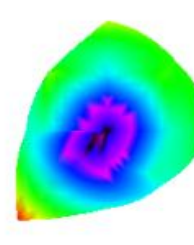
Bluetooth 78 TRP



Bluetooth 78 TRP H



Bluetooth 78 TIS



Bluetooth 78 TIS H

