



深圳市昱晟通讯设备有限公司
Yusheng Communications-equipment Co.,LTD

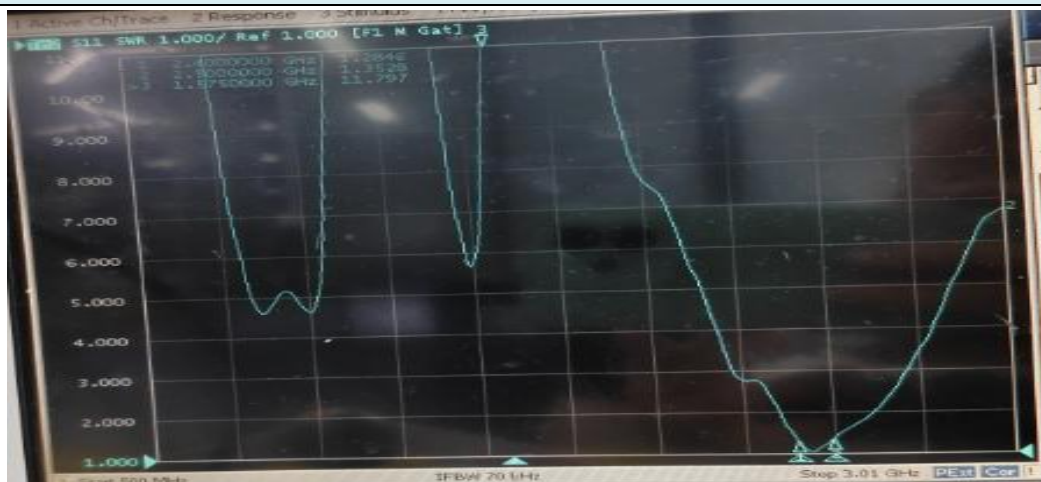
manufacturer address: 407-411, 4th Floor, Building 2, South Taiyun
ChuangguPark, southeast of the intersection of Guangming Avenue
and Dongchang Road, Guangming District, Shenzhen

CWL02 Antenna Report

Main contents of the
report

Antenna test results: 1. The efficiency of Arm BT antenna is about 10%

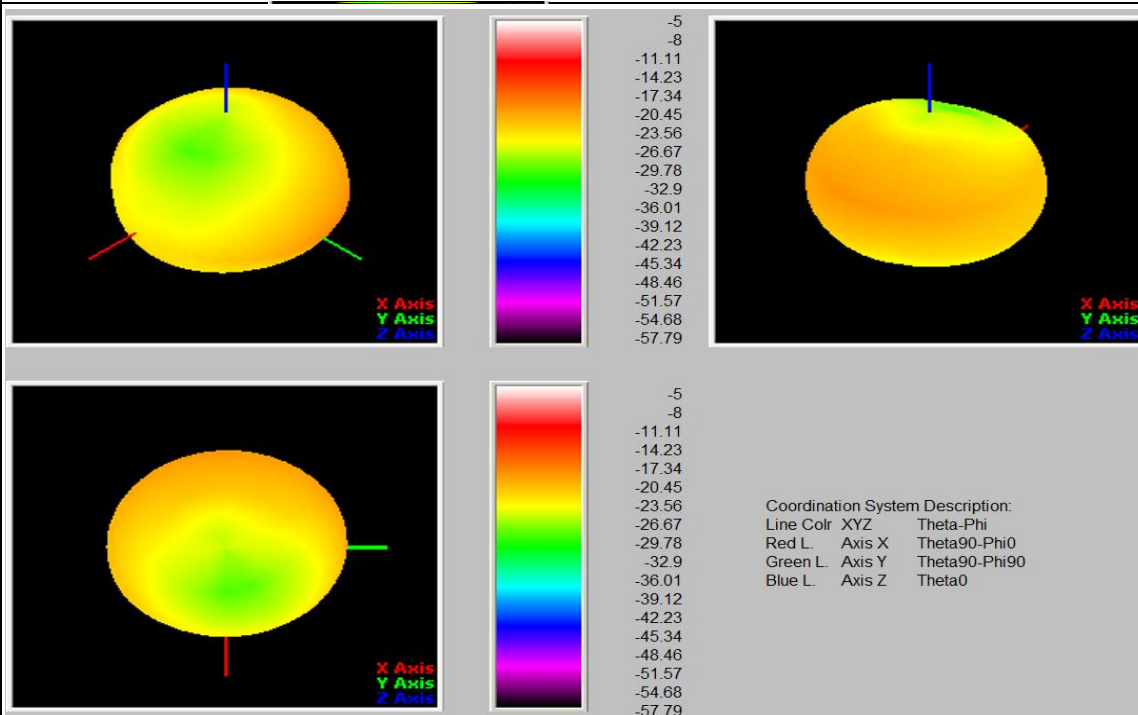
BT Antenna passive diagram



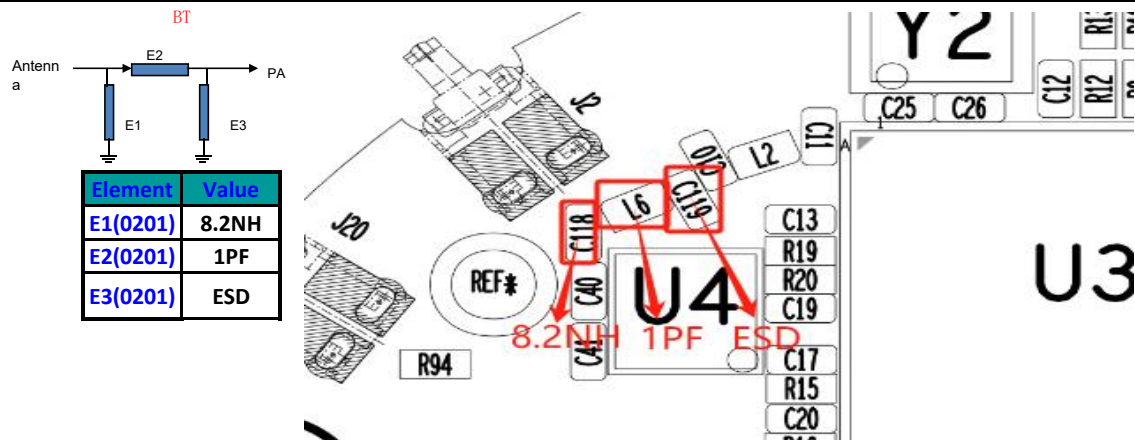
Test of antenna efficiency parameters

	Frequency point	efficiency%	efficiency db	gain						
BT Arm	2400	8.4%	-10.8	-5.3						
	2410	8.8%	-10.6	-5.2						
	2420	9.4%	-10.3	-5.2						
	2430	9.7%	-10.1	-5.2						
	2440	10.2%	-9.9	-5.1						
	2450	10.5%	-9.8	-5.0						
	2460	10.1%	-10.0	-4.9						
	2470	9.6%	-10.2	-5.1						
	2480	8.7%	-10.6	-5.1						
	2490	7.9%	-11.0	-5.1						
	2500	7.5%	-11.2	-5.2						

2450MHZ passive direction diagram/field pattern diagram



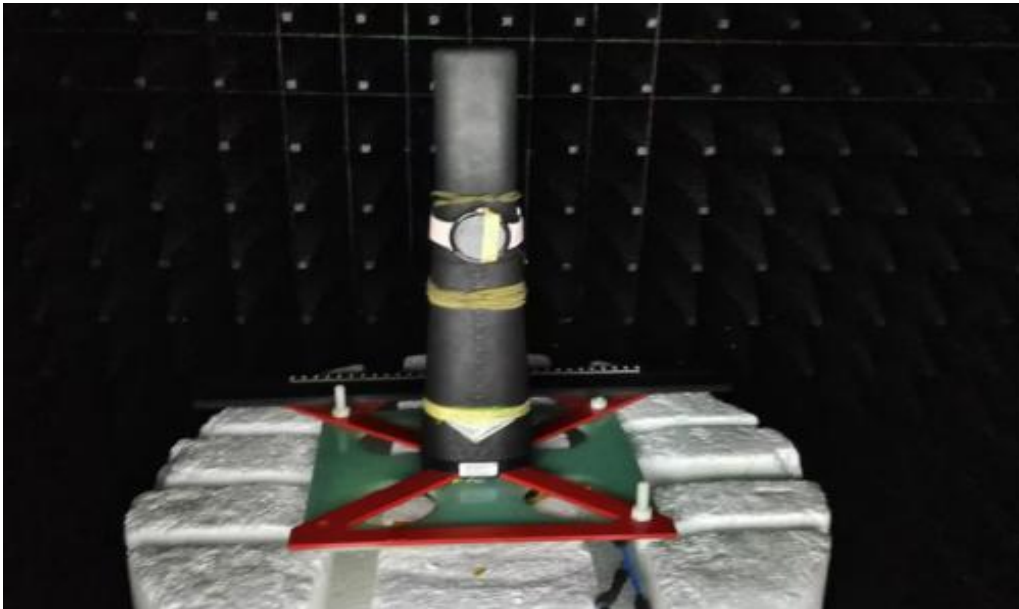
BT匹配



Debug using shrapnel



Antenna test environment



conclusion

Main board matching:

- (1) the main road and 8.2 NH, pf series 1.
- (2) the mobile phone and fixed on a tripod, back to phone the measured from 27 m or so.

CWL02 box in the antenna:
Size: 36.92 mm * 40.41 mm
Material: aluminum alloy
Antenna categories: loop

