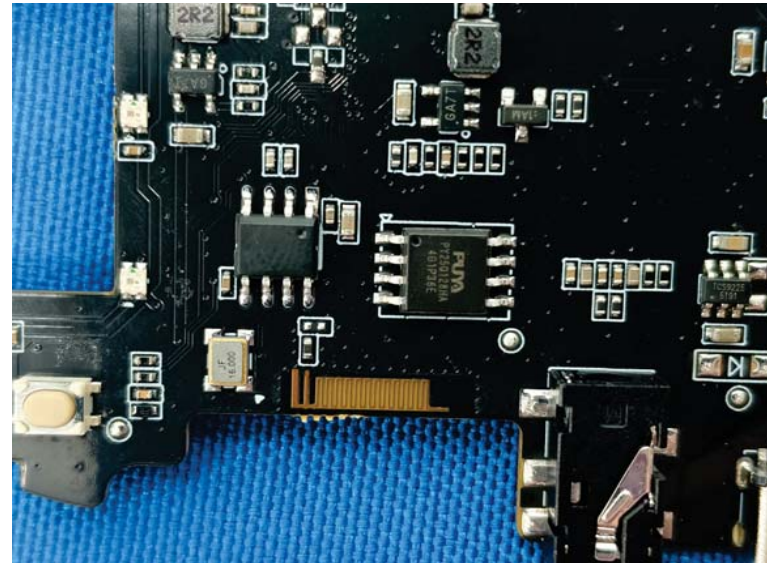


GamePad Antenna Test Report

Customer	人可时代
Project	Handheld Game Console
Antenna BAND	BT
Product Description	PCB
Product No	

Product Overview & Dimension

Front-ANT



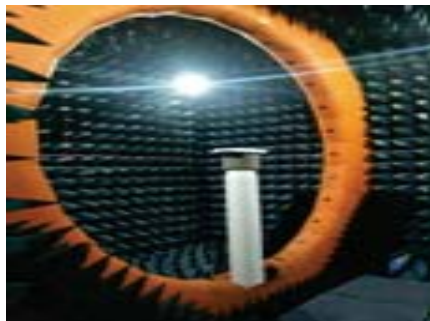
This report is to measure the performance of BT antenna for **GamePad**. The antenna operating frequency at (2400-2500MHZ) , All test data are showed as below.

Content

1. Product Overview & Dimension
2. Test system
3. Antenna Matching Network
4. Test Result
 - 4.1 S11 Parameter
 - 4.2 Gain & Efficiency
 - 4.3 Test coordinate
 - 4.4 2D Pattern
 - 4.5 OTA Data
 - 4.6 BT Boot measured
5. Antenna Assembly & environmental processing

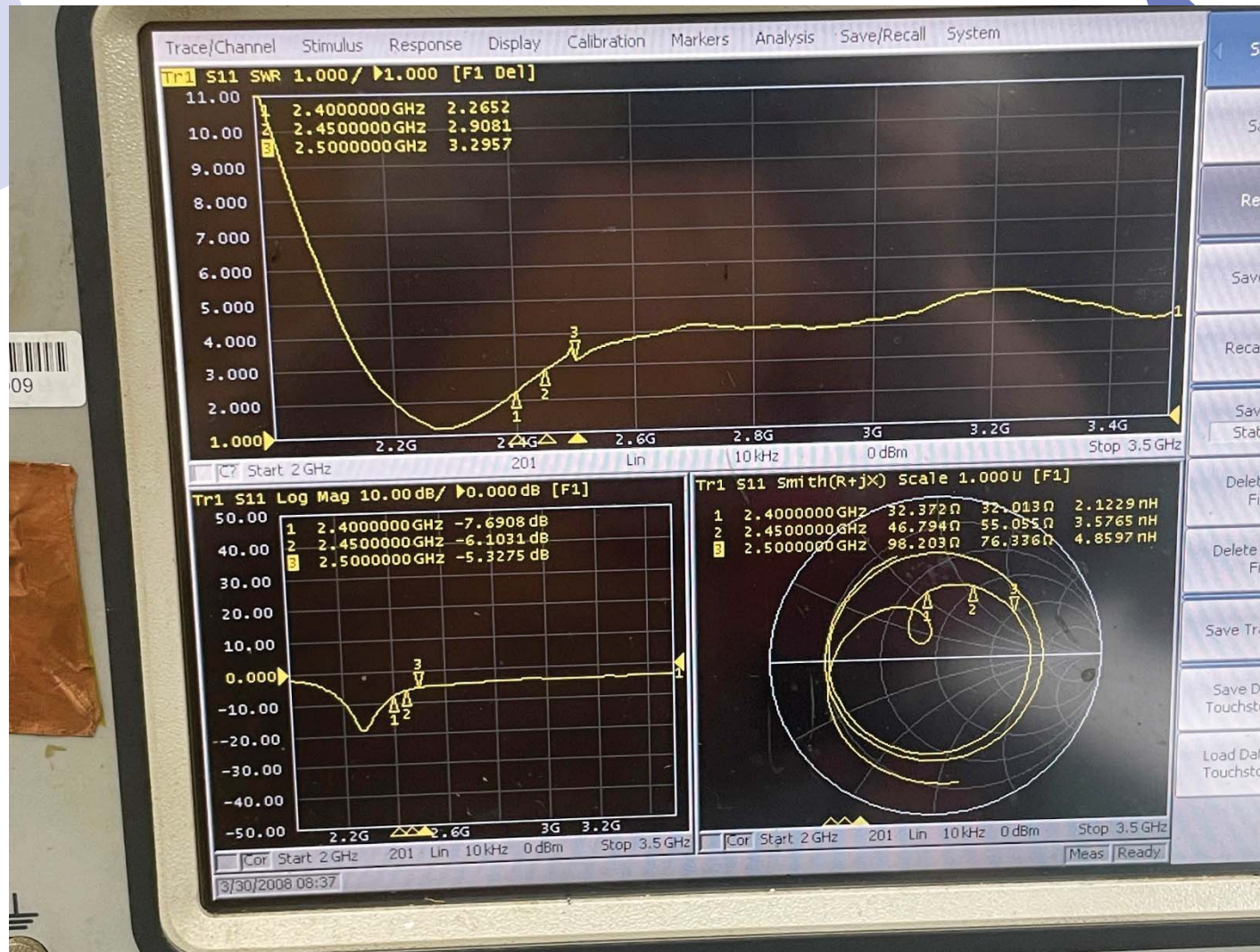
2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & HP 8753
OTA Test	TRP&TIS	CMW500 & CMW270 ETS & FT SG24
Gain & Efficiency	Gain & Efficiency	ETS & FT SG24 Agilent 5071C



S11

深圳市宁壹科技有限公司



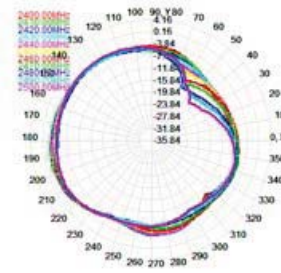
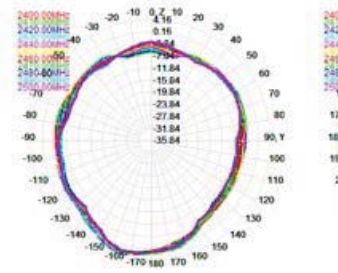
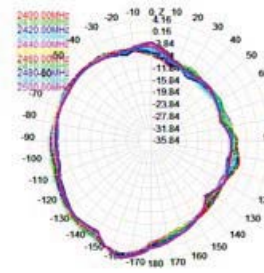
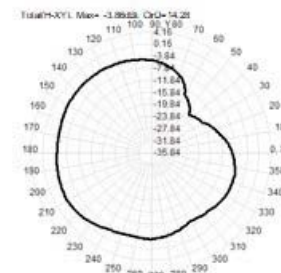
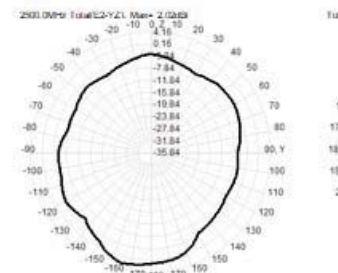
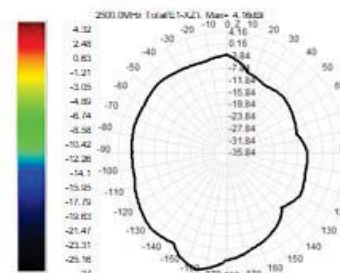
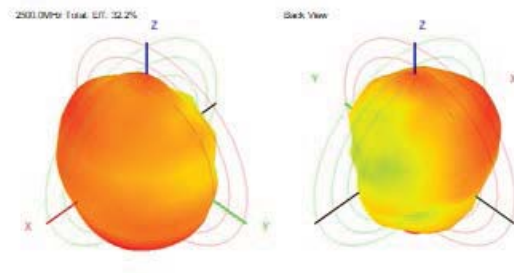
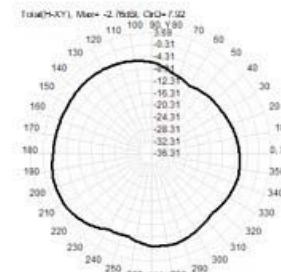
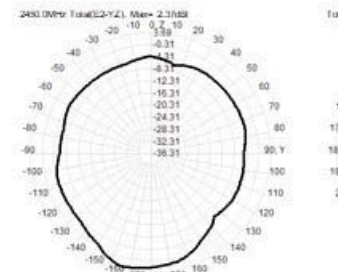
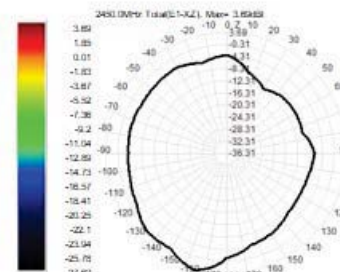
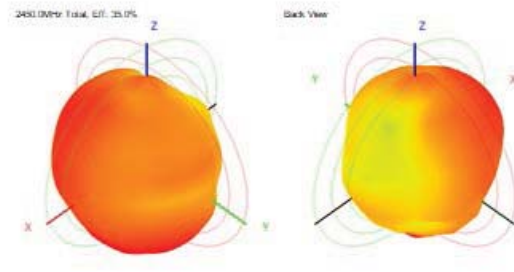
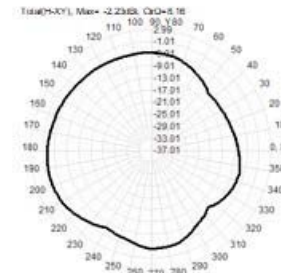
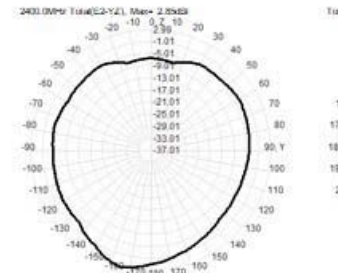
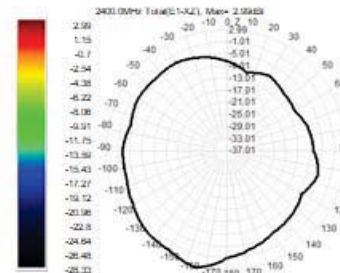
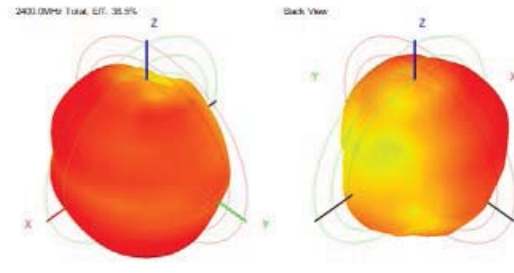
VSWR

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-4.15	-4.15	-4.34	-4.41	-4.51	-4.56	-4.59	-4.74	-5.13	-5.02	-4.92
Gain (dBi)	2.99	3.31	3.33	3.44	3.59	3.69	3.77	3.87	3.81	4.02	4.32
Efficiency (%)	38.48	38.50	36.78	36.20	35.44	34.97	34.75	33.57	30.71	31.45	32.18

OTA DATA-2.4GANT

3D Pattern

深圳市宁壹科技有限公司





深圳市宁壹科技有限公司

Thanks for your comment!

◆ 深圳市宁壹科技有限公司

◆ 地址：深圳市宝安区西乡恒丰工业城C6栋1202B