

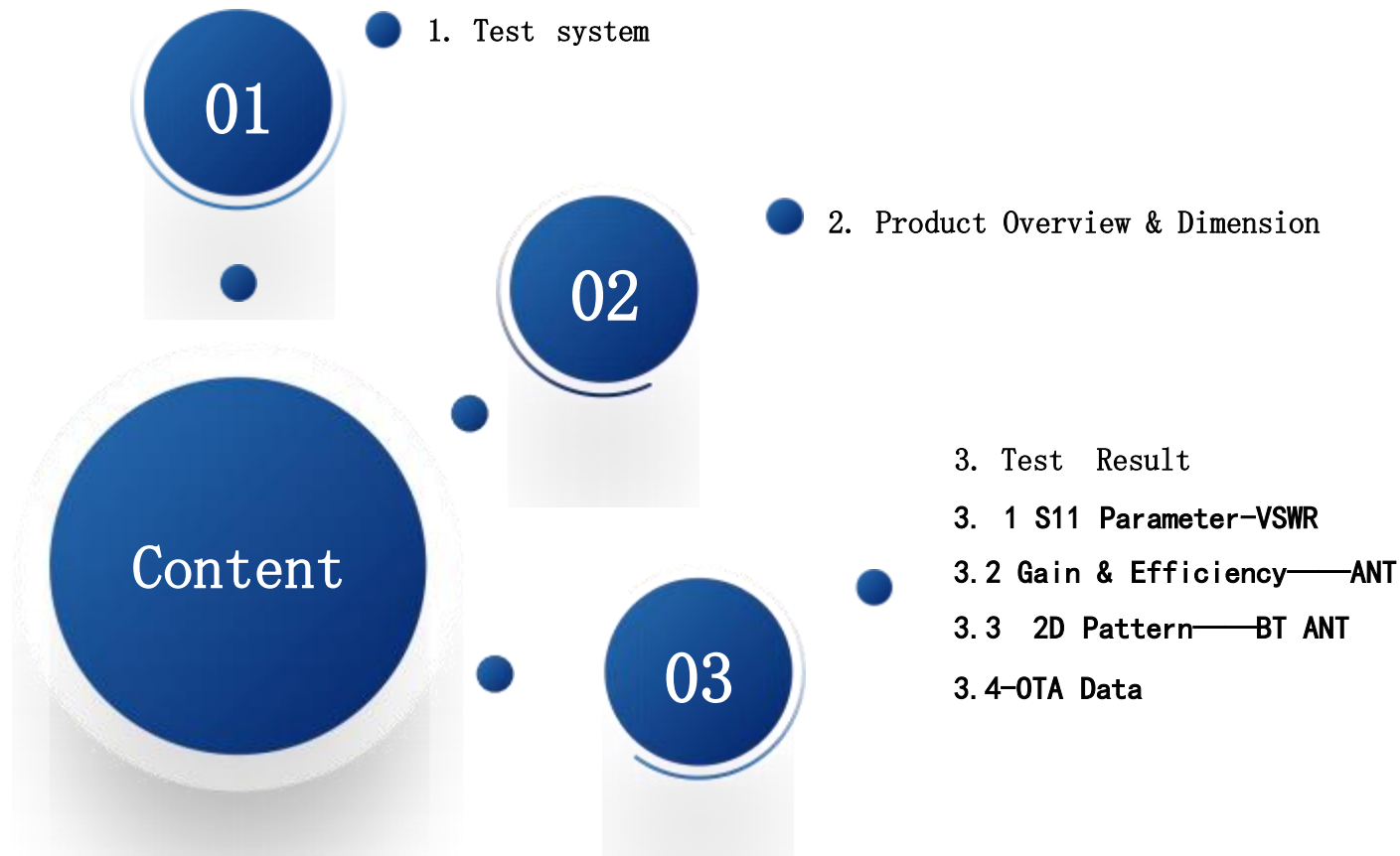


深圳合翊讯科技有限公司
Shenzhen Heyixun Technology Co., Ltd.

Customer	潮汐
Project	T2617
Antenna Revision	A0
Prepared by	15993920520
Checked by	17279710721
Date	2026. 3. 10

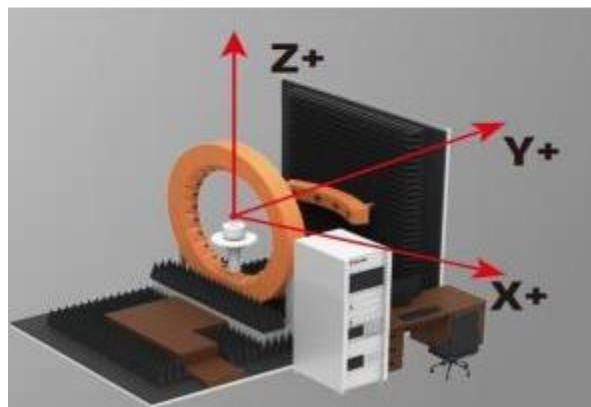
Purpose

This report is to measure the performance of antenna for T2617 The antenna operating frequency at 2400-2500MHz ,All test data are showed as below.



1.TestSystem

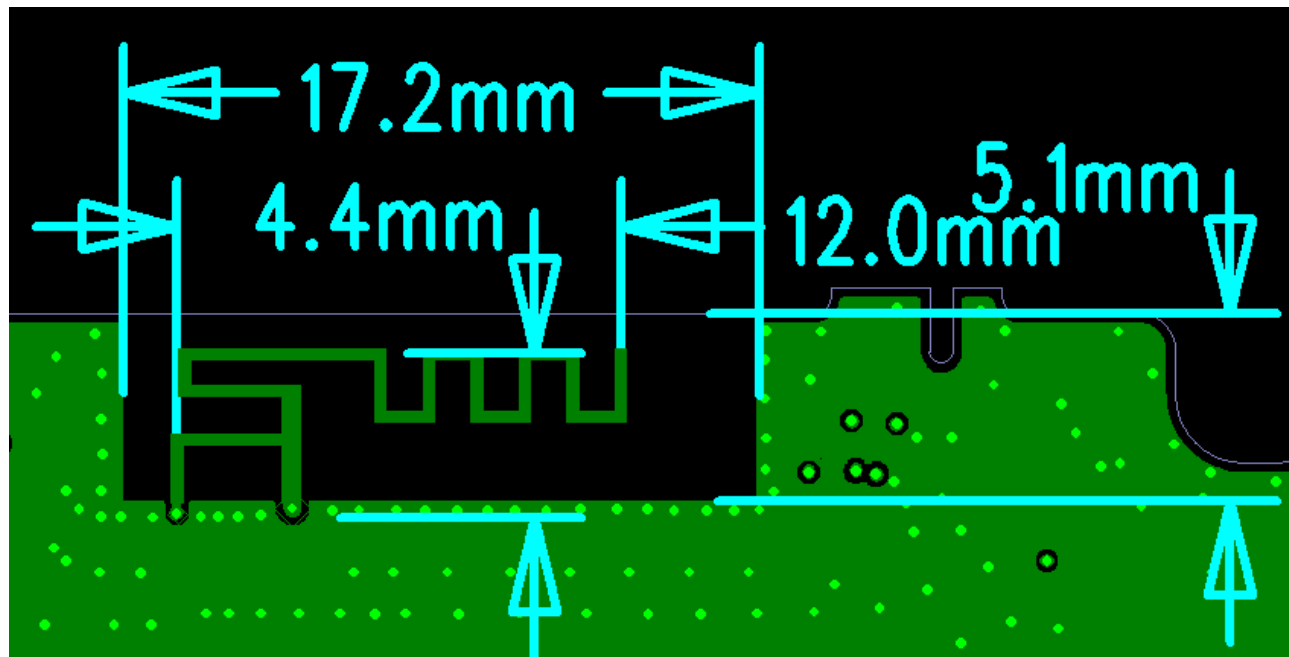
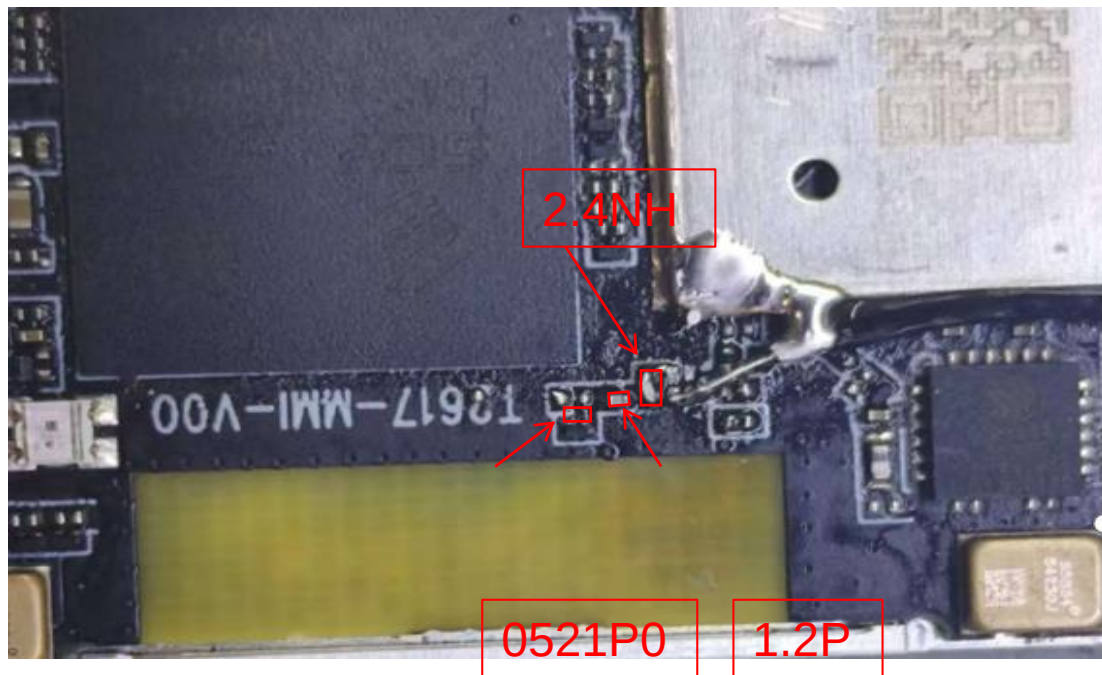
Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5071B
OTA Test	TRP& TIS	Agilent 8960 & CMW500 STIMO
Gain & Efficiency	Gain & Efficiency	SATIMO Agilent 5071C



产品图片:



匹配改动:



2.Test Result VSWR&Log Mag&Smith(Ω)



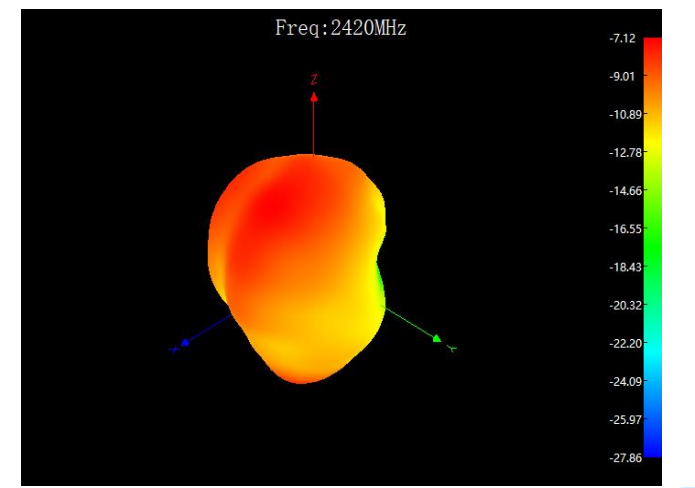
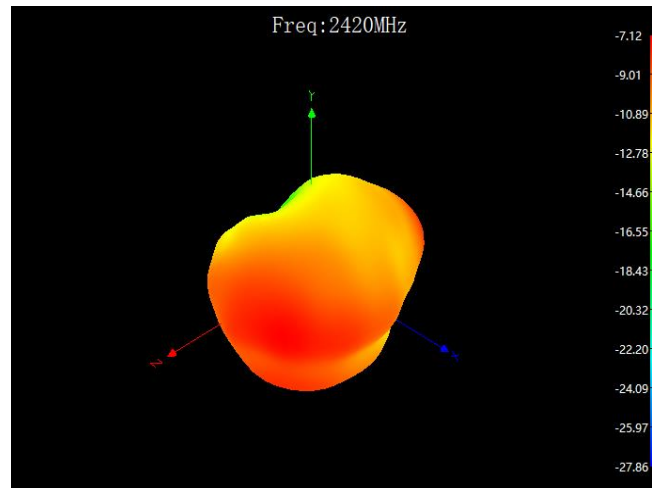
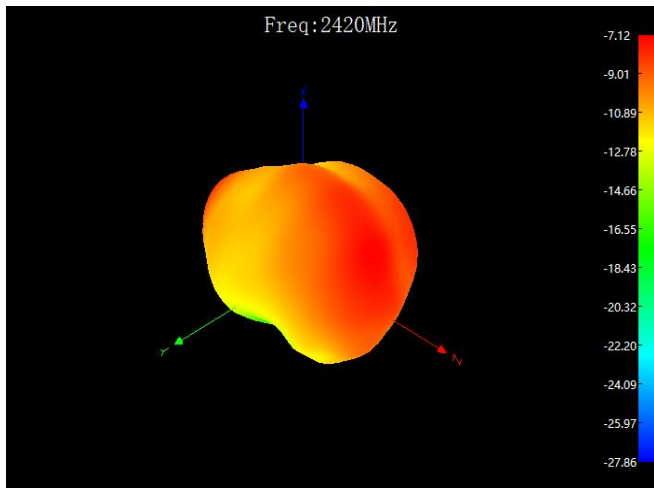
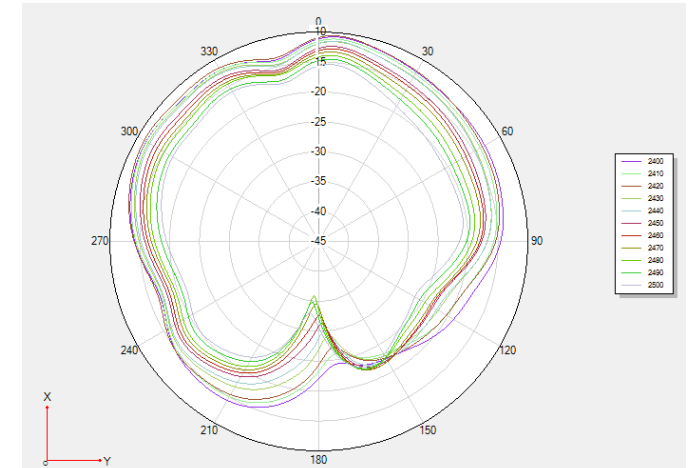
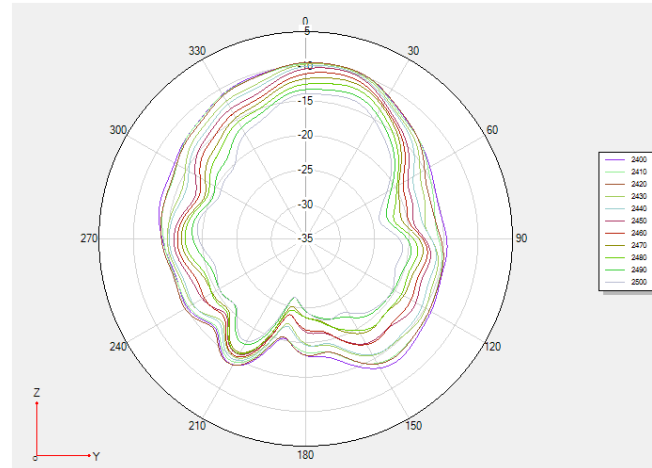
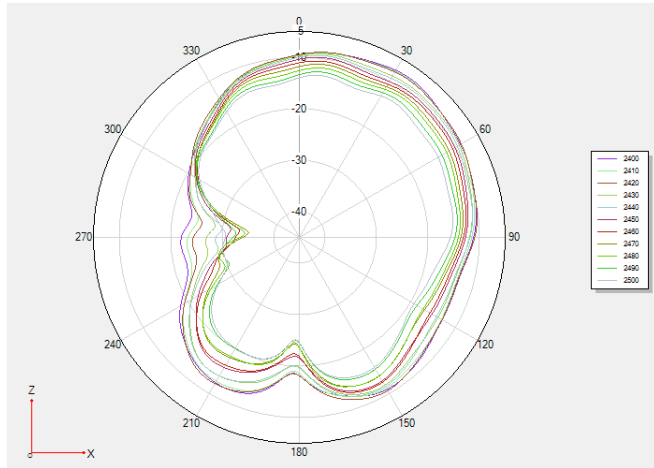
Frequency (MHz)	2400	2450	2480	2500
Log Mag	-11.51	-23.47	-13.83	-9.2
Smith(Ω)	83.69	52.68	33.28	25.59
VSWR	1.72	1.14	1.51	2.10

3. Test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	6.27	-6.76
2410	6.3	-6.98
2420	7.07	-7.12
2430	7.83	-6.52
2440	8.35	-6.11
2450	9.41	-5.92
2460	8.22	-6.23
2470	7.59	-7.53
2480	7.03	-7.4
2490	6.48	-7.21
2500	6.02	-7.24

3. Test Result

3.1 2D Pattern—BTANT



3.OTA Data

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band		Channel	TRP(dBm)	TIS(dBm)
BT	L	0	-10.74	-75.62
		39	-9.42	-76.43
		78	-11.42	-75.19

WORK REPORT

谢谢观看