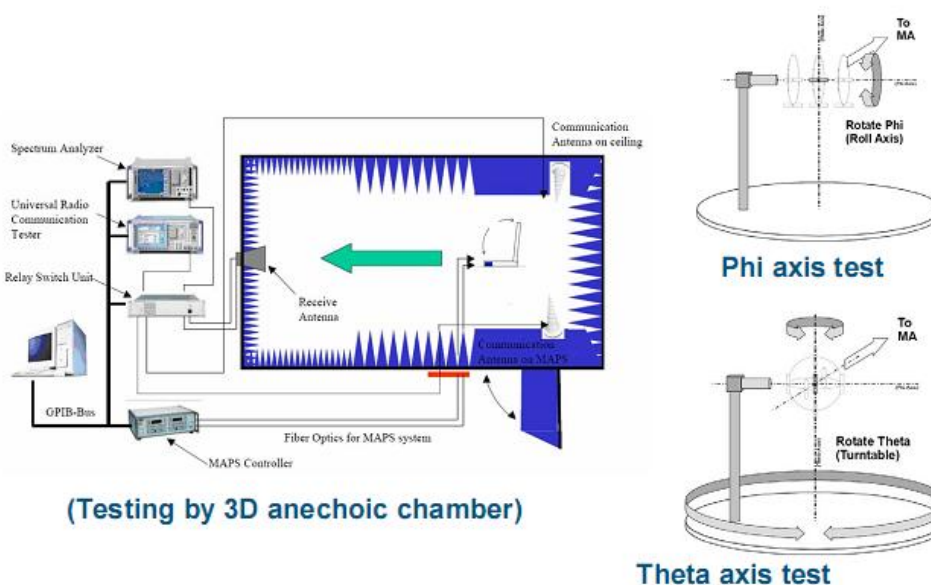


1.1 Product Specification

A. Electrical Characteristics	
Frequency	2400MHz ~2500MHz
VSWR	<2.0
Efficiency	≥40%
Impedance	50Ohm
Polarization	Linear
B. Material & Mechanical Characteristics	
Material of Radiator	FPC(Black),LJWF28A
Cable Type	Φ1.13mm,L60mm,Black
Connector Type	IPX1
Dimension	25.0*13.0mm
C. Environmental	
Operation Temperature	- 30 °C ~ + 80 °C
Storage Temperature	- 30 °C ~ + 85 °C
Humidity	40%~95%

1.2 Test Equipment & Conditions

- | | |
|----------------------------------|---------------------|
| 1.Network Analyzers | Agilent 8753D/5071C |
| 2.HSPA and LTE protocol test set | R&S CMW500 -PT |
| 3.Communications Test Set | Agilent 8960 |
| 4.3D Chamber Test System | |



Test topology



1.3 Test Report

1.3.1 Voltage Standing Wave Ratio(VSWR).

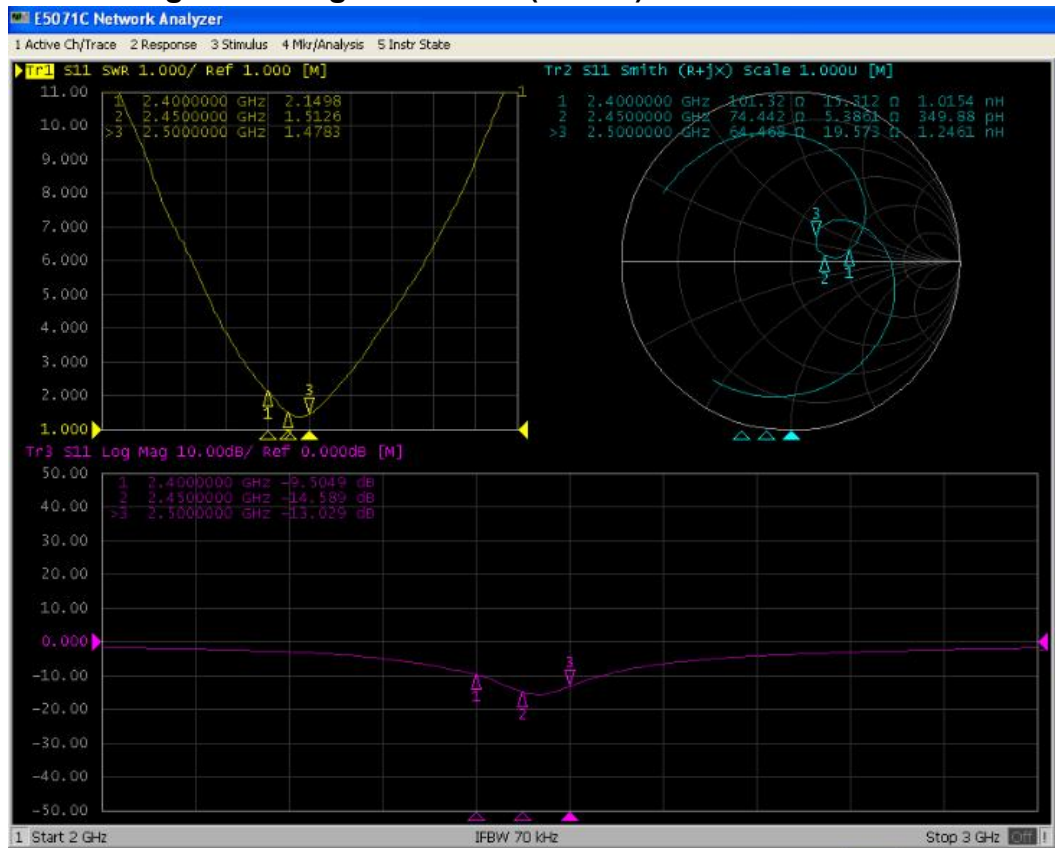
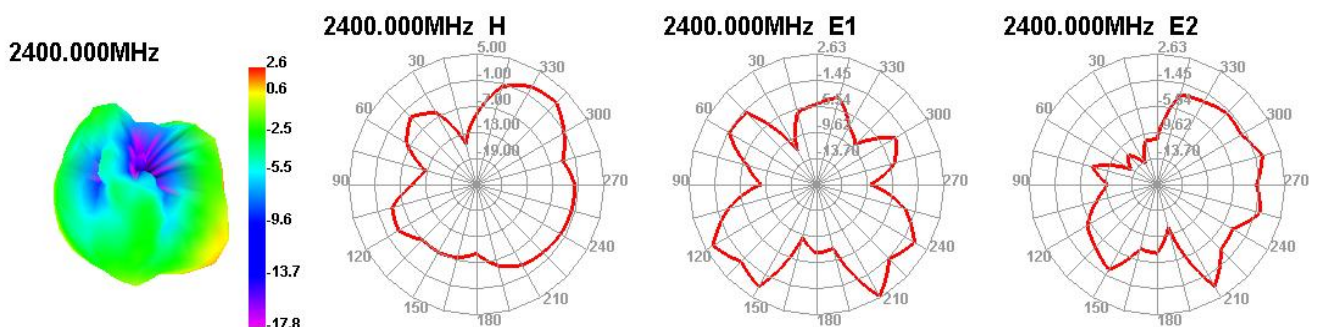


图 2 VSWR

1.3.2 Efficient and gain(estimating conducted by Lejin in Jan,2021,using 3D drawing document that provided by Crealty.)

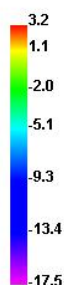
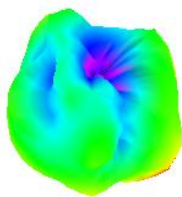
Passive Test	Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
2.4GHz	Effi(%)	57.00	58.65	60.41	61.53	58.99	62.19	62.03	65.84	55.44	62.97	58.75
	Gain(dBi)	2.63	2.82	2.94	3.09	2.85	3.18	3.20	3.50	2.63	3.27	2.89

1.3.3 Radiation pattern.

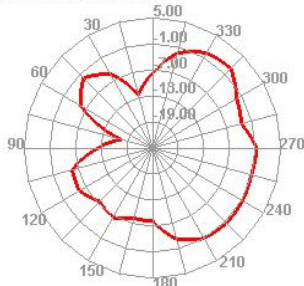




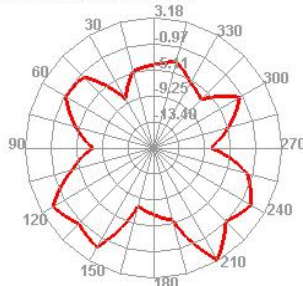
2450.000MHz



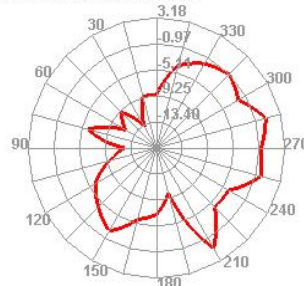
2450.000MHz H



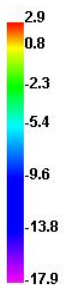
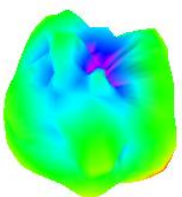
2450.000MHz E1



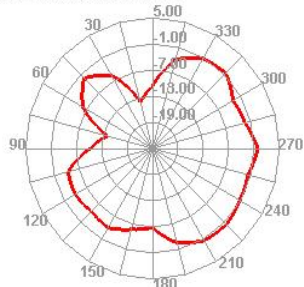
2450.000MHz E2



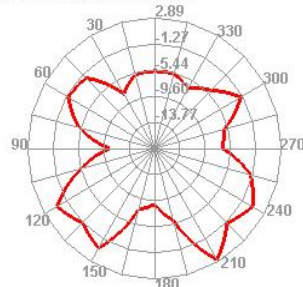
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

