

Antenna Specification

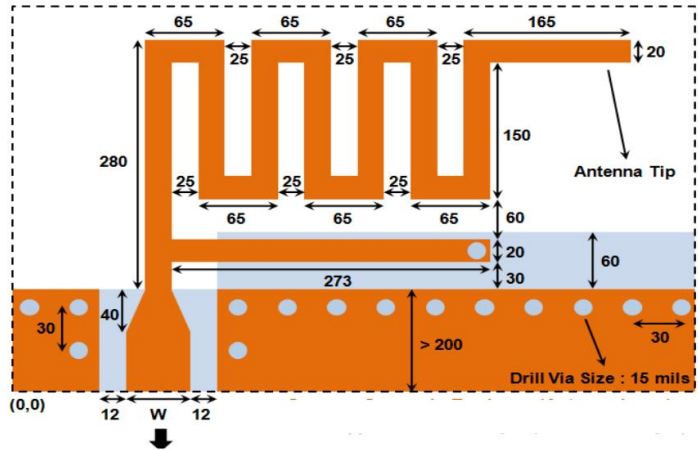
For

Manufactory:	Shenzhen HeYixun Technology Co., Ltd.
Frequency range:	2.40GHz-2.50GHz
Antenna Type:	PCB Antenna
Model	/
Address:	Room 1905, Building 2, Jiufang Plaza, Tiezi Road, Gongle Community, Xixiang Subdistrict, Bao'an District, Shenzhen
Approver	/

Specifications
Summary

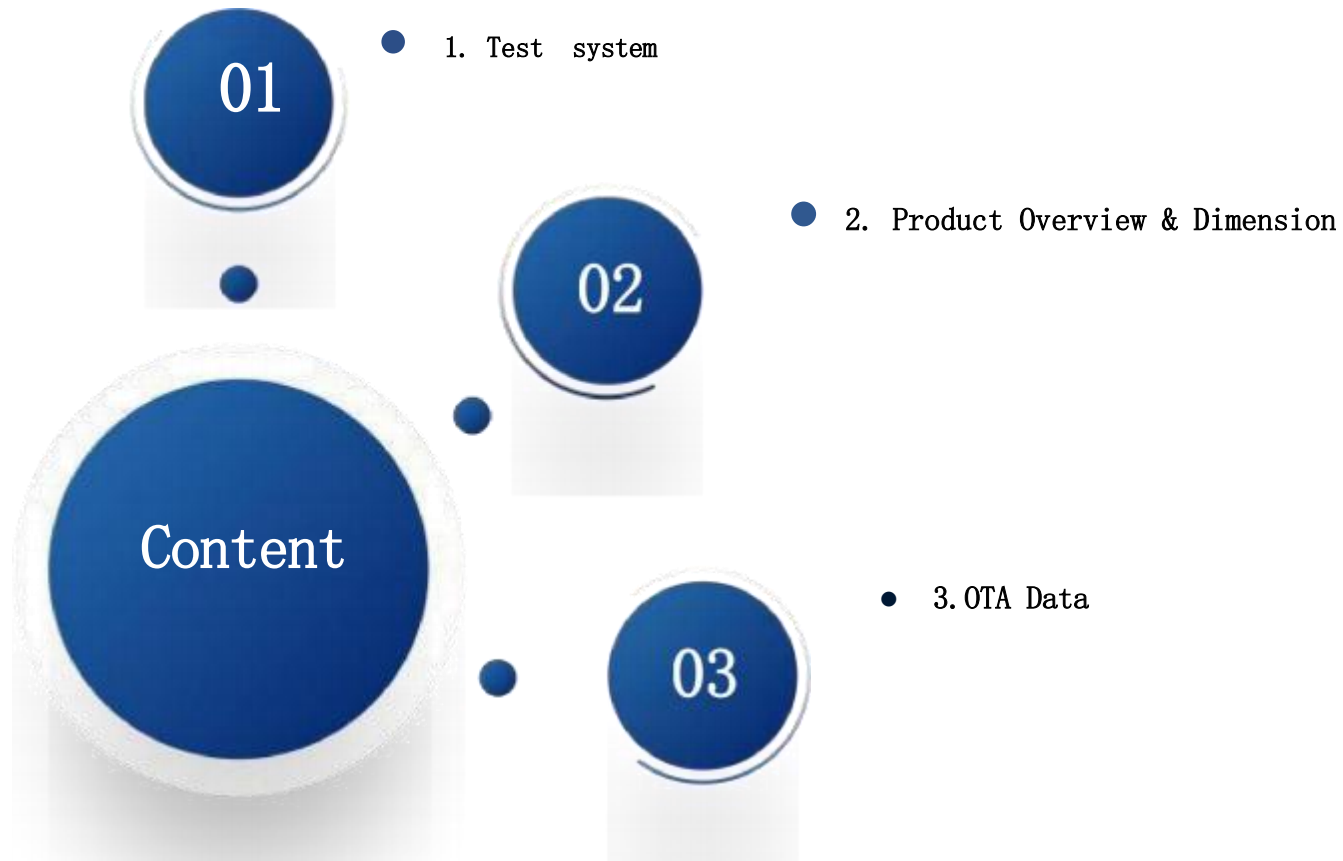
ITEM	SPEC.	
Model Name	MIFA 2.4 GHz	
Center Frequency	2400 MHz	0.86 dBi
	2440 MHz	0.27dBi
	2480 MHz	0.48 dBi
MAX. GAIN	1.15 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	32.0mm	

Antenna Photo & Length (mm)



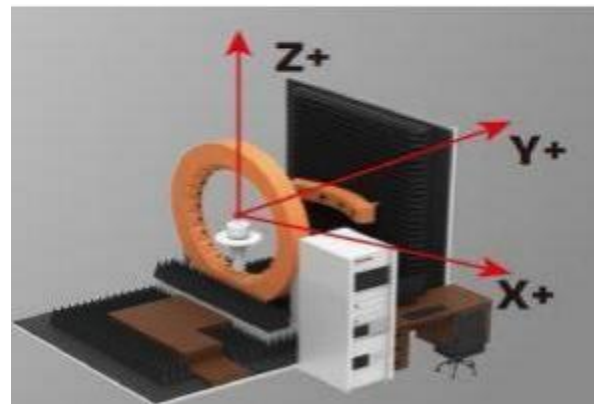
Purpose

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



1.TestSystem

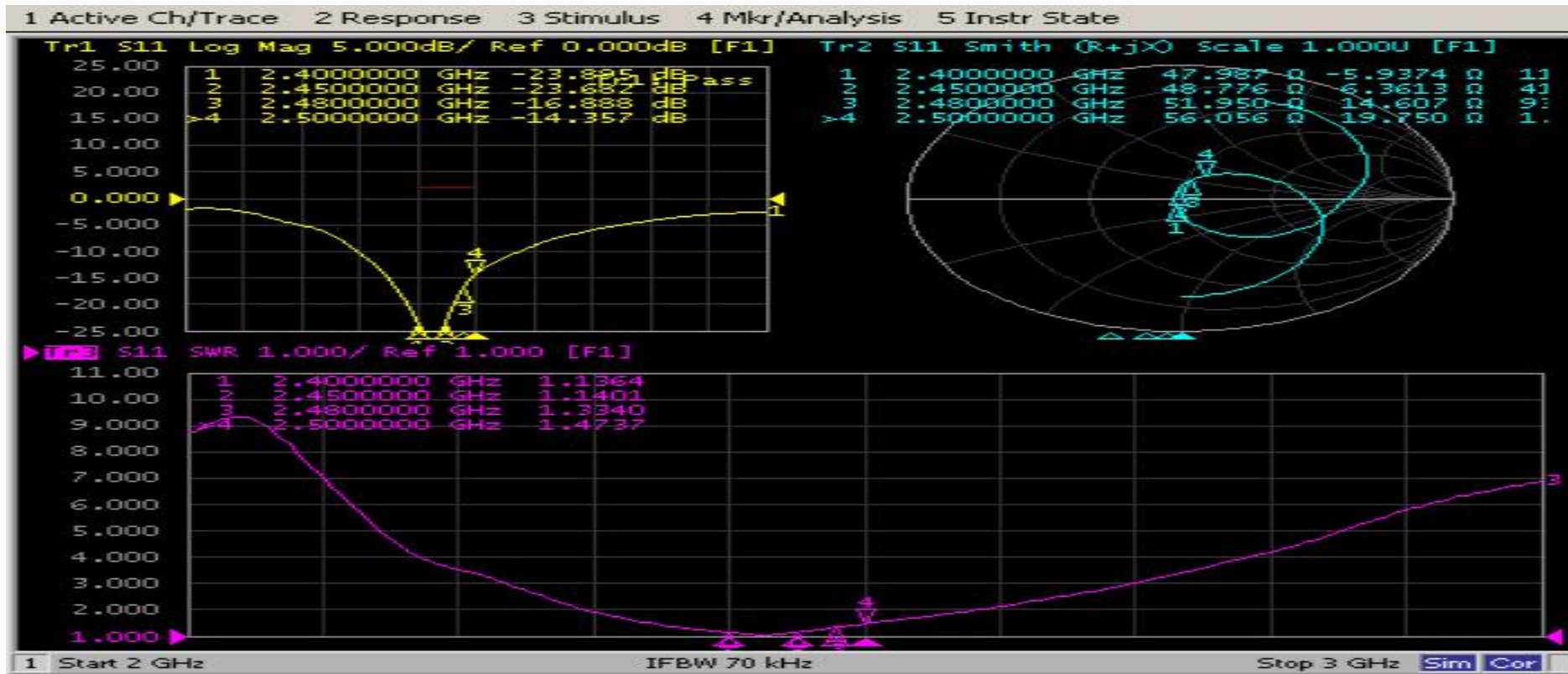
Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5071B
OTA Test	TRP&TIS	Agilent 8960 & CMW500 STIMO
Gain & Efficiency	Gain & Efficiency	SATIMO Agilent 5071C



2.Product Overview & Dimension



2. Test Result VSWR&Log Mag&Smith(Ω)



Frequency (MHz)	2400	2450	2480	2500
Log Mag	-23.89	-23.68	-16.88	-14.35
Smith(Ω)	47.98	48.77	51.95	56.05
VSWR	1.13	1.14	1.33	1.47

3. test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	15.7	0.86
2410	15.6	1.15
2420	15.28	1.06
2430	16.41	0.72
2440	14.72	0.27
2450	14.19	-2.79
2460	13.55	-0.58
2480	13.74	0.48
2500	12.65	-3.06

4. test Result

