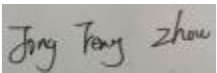


			document number :
Specification For Approval			
Customer:			
Customer:	Dongguan Zhongyida Electronic Technology Co., LTD		
Customer part number:		Supplier part numb- er:	
product desc- ription :	F054-Built-in soft board antenna L=80mm	Model us- ed:	
Supplier's Acknowledgment (seal):		Customer acknowledges (stamp):	
Produced by: Zhou Jingfeng	Structure: 		
examine and verify :	Date: 2025.6.24		

catalogue

the title page of a thread-bound book	1
catalogue	2
1. Product pictures	3
2. Product parameters	3
Three, S11, data	4
4. Product size drawing.....	5

1. Product pictures



2. Product parameters

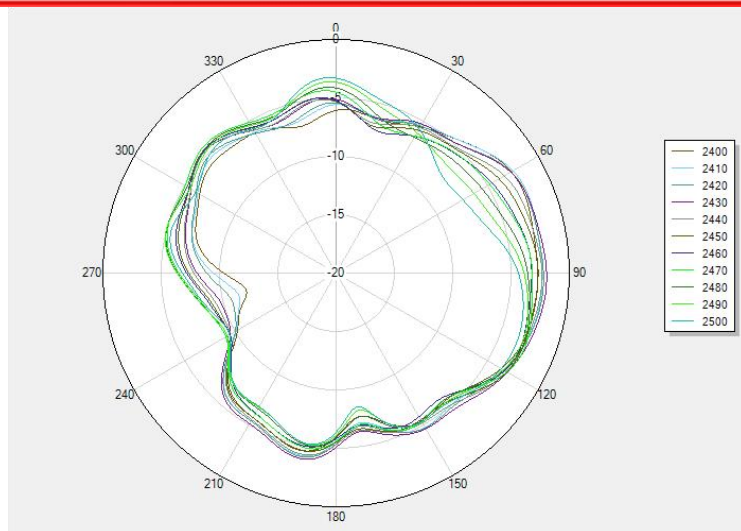
Product test parameters			
Name	Built-in flexible antenna	Model Type	F054-Built-in soft board antenna L=80mm
Electrical Specifications			
Frequency Range	2400-2500MHZ	Polarization	perpendicular
Impedance	50 Ω	radiation direction	omnidirectional
VSWR	≤ 2	Power	50W
Gain	2dBi $\pm$ 1	Bandwidth	100MHz

Mechanical Specifications			
Dimensions	39mm*9.6mm	Chassis Color	gray
Connector	A generation of terminals	Cable Length	80MM±2MM
ChassisMaterial	FPC		
Working Temperature	-40℃±85℃	Limit Temperature	-40℃±85℃

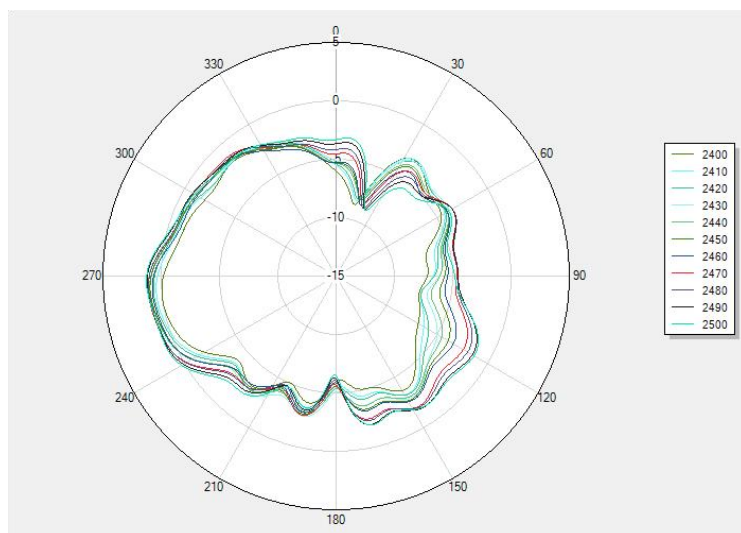
3. S11 (VSWR, Return loss, Smith) data

I. Network analyzer report

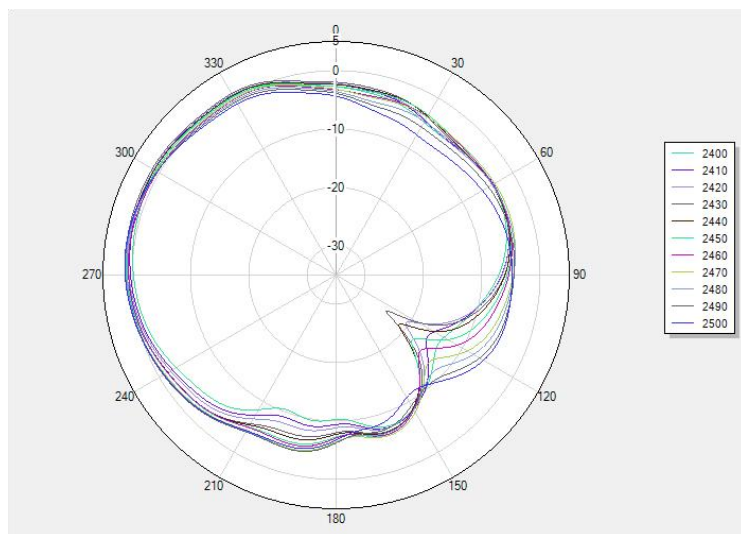




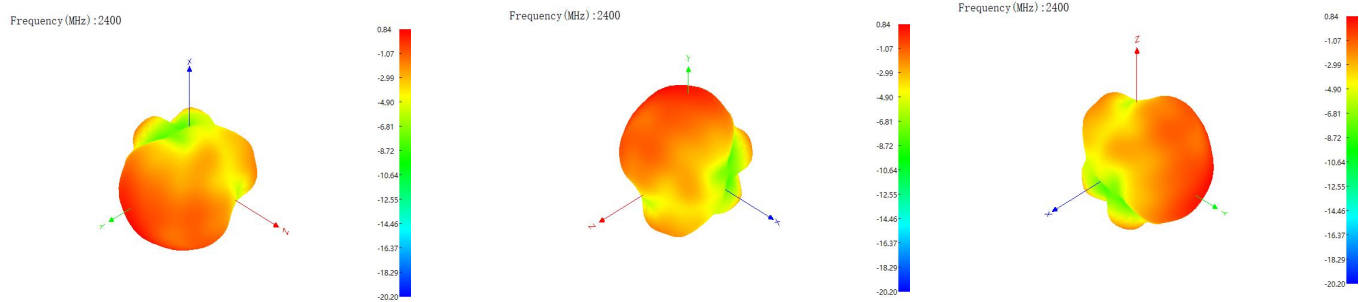
2400-2500 Phi 0



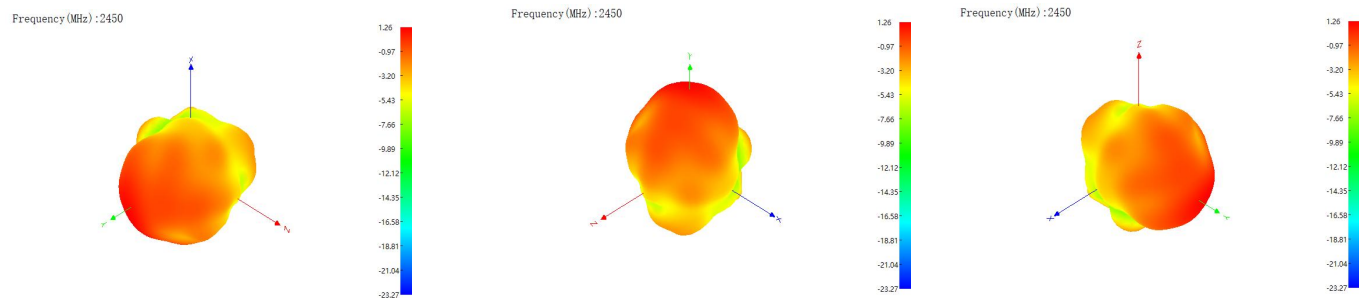
2400-2500 Phi 90



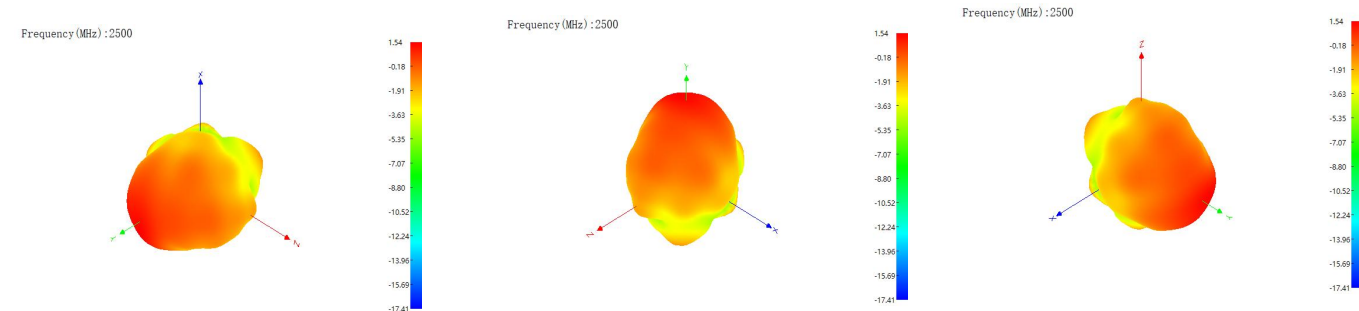
2400-2500MHz Theta 90



2400MHz-3D



2450MHz-3D



2500MHz-3D

ANT		
频率 (MHZ)	增益 (dBi)	效率 (%)
2400	0.85	50.27
2450	1.26	54.36
2500	1.55	54.98

4. Product size drawing

