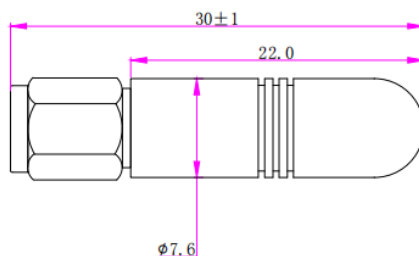
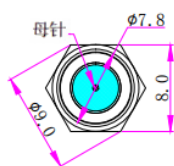


SPECIFICATION

Part No. : AW1004

Frequency range : 2400-2500MHZ

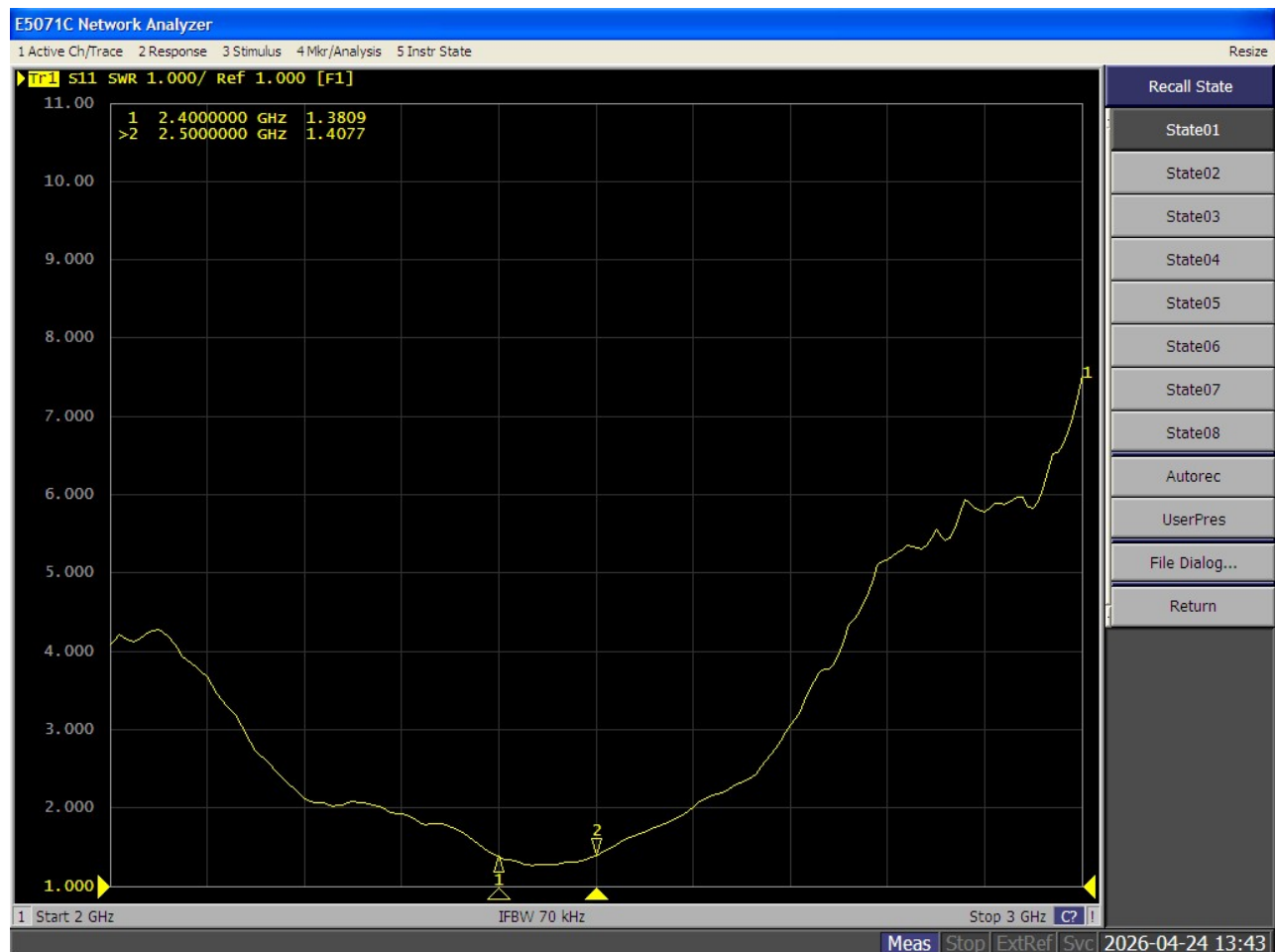
Feature : 2 dBi Omnidirectional



1. Specification

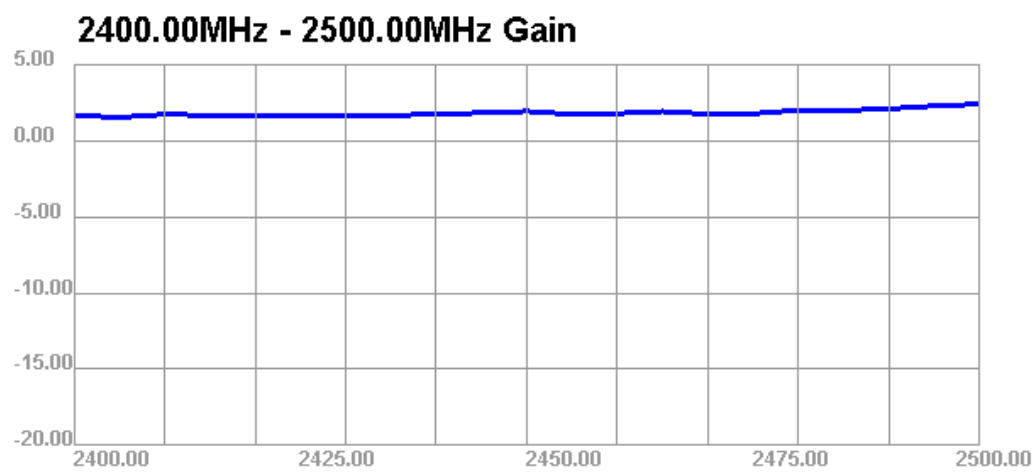
Specification	
Frequency	2400 ~2500MHz
VSWR	≤2.0
Peak Gain	2dBi
Efficiency	72%
Connector	RP-SMA Male
Polarization	Omnidirectional
Impedance	50 ohm
Antenna Body Material	ABS
ENVIRONMENTAL	
Temperature Range	-10°C to 85°C
Humidity	Non-condensing 65°C 95% RH

2. VSWR

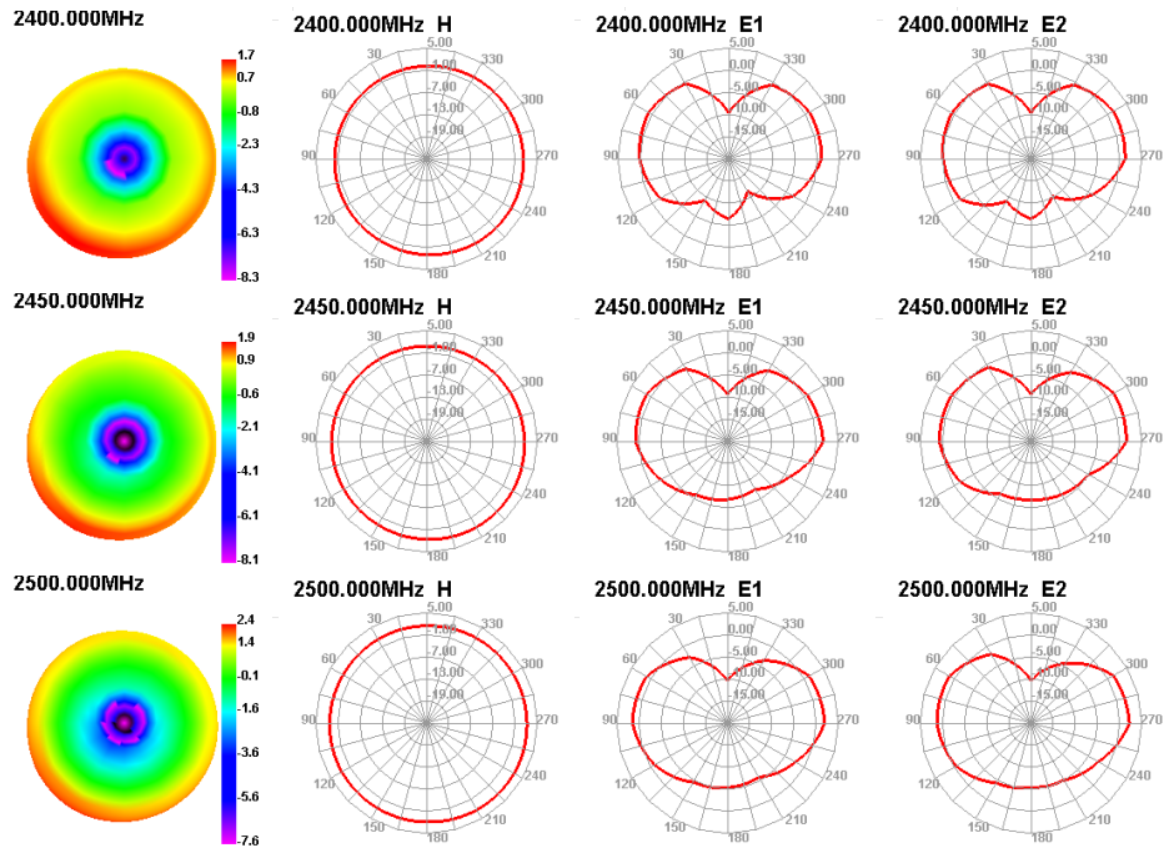


3. 3D Radiation Property

3.1. Peak Gain



3.2. 3D Radiation Patterns and Radiation Pattern



4.环境性能测试（Environment performance test）：

项目	测试条件	测试结果
储存环境	在没有指定的情况下测试温度、湿度、气压如下： 1. 温度为-10℃~+85℃ 2. 相对湿度为65%-95% 3. 气压为86kpa-106kpa	电气机械性能正常
高低温试验	在70℃与-40℃之间进行5次循环，然后在正常条件下1-2H，检查外观质量。	尺寸应满足规定并应满足于机械、电气性能
耐恒定湿热试验	相对湿度95±3%，试验温度：40℃.持续2H作用后，试品取出后5min之内测定电气性能，试品在正常条件下1-2H，检查外观质量	尺寸应满足规定并应满足于机械、电气性能
振动试验	振频范围10-55HZ，位移幅值：0.35MM，加速度幅值：50.0M/S，扫频循环次数：30次	电气机械性能正常
跌落试验	1M高空按照互相垂直的轴方向自由跌落3次	电气机械性能正常

Project	Test condition	Test results
Storage environment	Test temperature, humidity, pressure without stated condition as follwings:1.Temperature: -10℃ ~ +85℃ ;2.Relative humidity: 65%-95%;3,Pressure: 86kpa-106kpa	Electrical and mechanical performance normal
High and low temperature test	Having 5 times cycle between -40℃ to 70℃,Then in common condition 1-2 hours test exterior quality.	Measurement satisfied with electrical and mechanical performance normal.
Resistance constant hot and humid test	Relative humidity:95±3%,Test temperature: 40℃,last 2 hours ,put it after 5 min test the electrical function .Test products during common condition 1-2 hours ,Then test exterior quality.	Measurement satisfied with electrical and mechanical performance normal.
Vibration test	Vibrate Frequency:10-55HZ; Distance :0.35mm;Acceleration :50.0m/s;Sweep frequency cycle:30 times	Electrical and mechanical performance normal
Fall test	From 1m height fall down 3 times freely (vertical direction)	Electrical and mechanical performance normal