

承 认 书

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天线测试报告

antenna testing

客 户 Customer	方位
项目名称 Project Name	DB36-BT
客 户 料 号 Customer NO.	
规 格 specification	FPC天线 增加0.2mm厚度PET补强；哑黑油白字； 尺寸39.72mm×5.4mm；线长170mm；线径1.13 黑色线；双剥；ROHS
供 方 料 号 Supplier NO.	
规格书编号 Specification NO.	2026012601
编写人 Write by	Jack
版本 REV.	Ver.2
日 期 Date	2026.3.16
备 注 Note	

版本变更记录				
变更日期 Change date	变更内容 Change content	版本 version	变更人 Change person	批准人 Approved by
2025.11.25	首版发行	V1.0		
2026.3.16	优化天线走线	V2.0		

1. 承认书项目表 (Index)

1. Recognition Letter Project Table (Index)

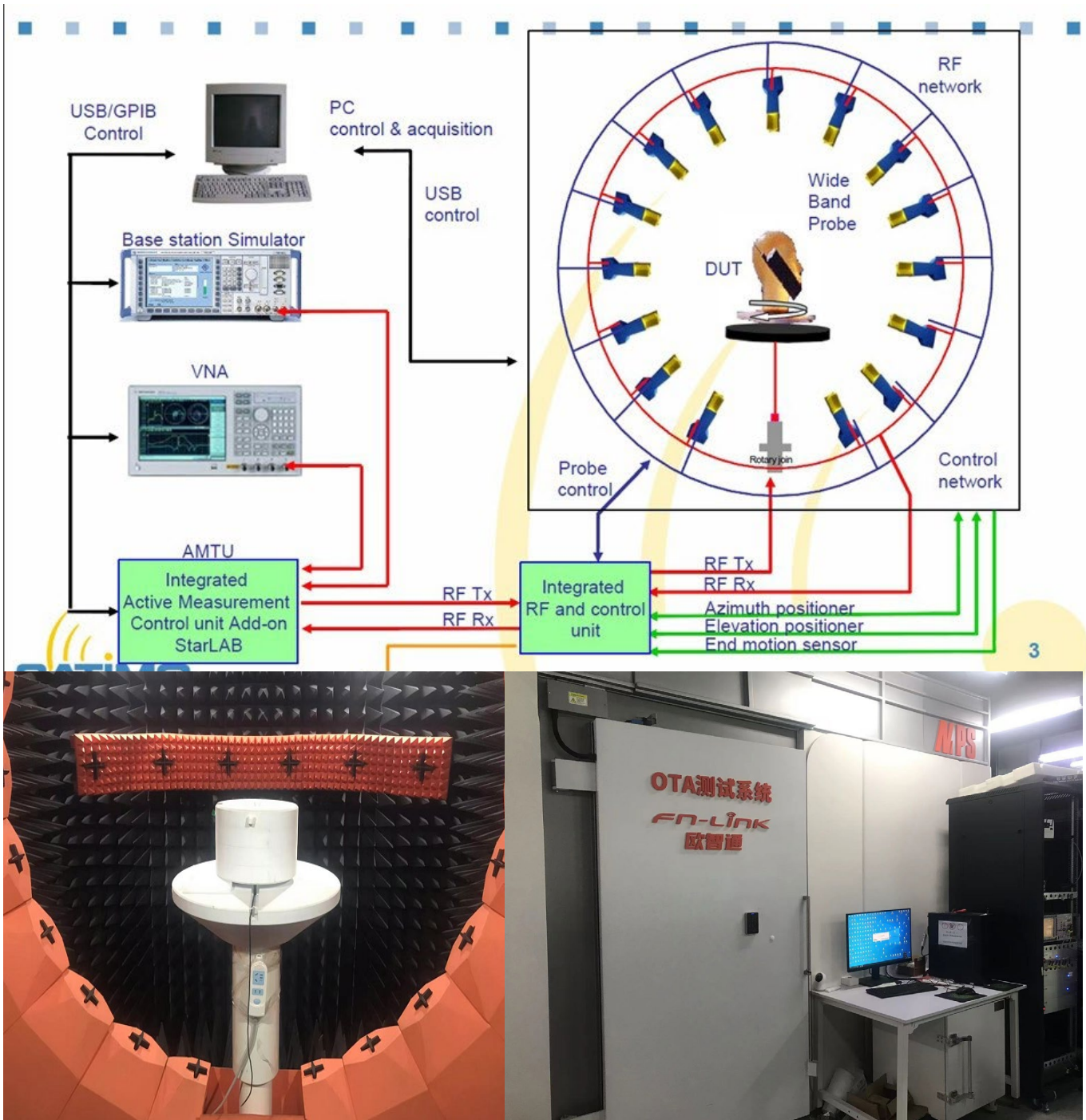
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2. 试验设备和条件(Test Equipment & Conditions)

1.1 . Network Analyzers : KEYSIGHT P5002A
1.2 . Communications Test Set: R&S CMW 500

1.3 . 3D Chamber Test System: 24探头测试系统 (24 probe testing system)

1. 微波暗室的测试原理图 (Testing principle diagram of microwave anechoic chamber)



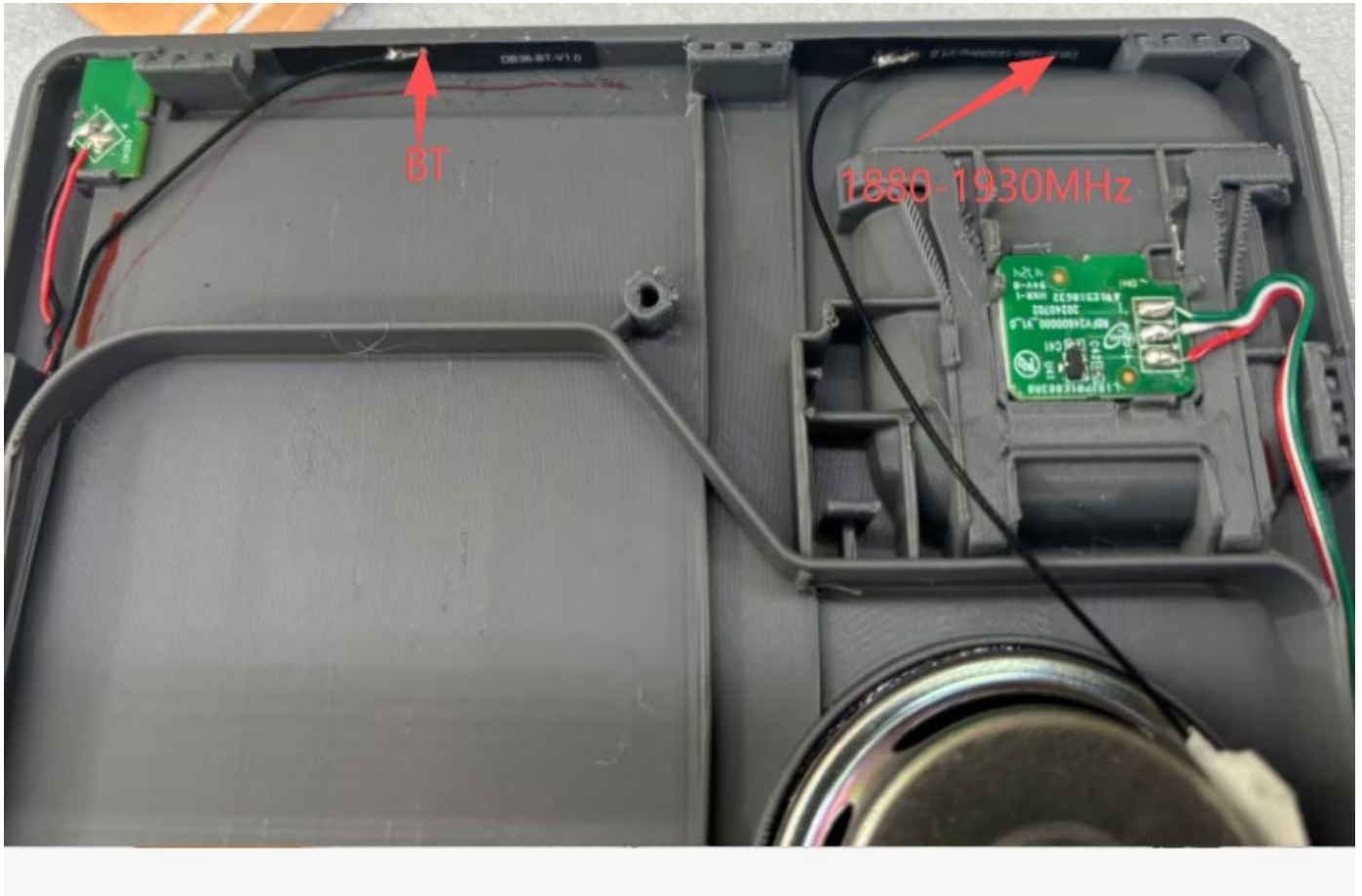
2. 说明。

这份报告总结了该项目天线的电气性能结果, 包括天线的S11 参数,Gain和Efficiency. 2. Explanation.

This report summarizes the electrical performance results of the antenna for the project, including the S11 parameters, Gain, and Efficiency of the antenna

3.样机结构说明件

Prototype structure specification

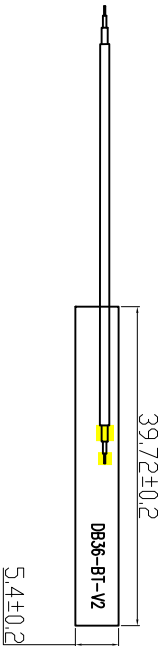


4. 天线成品图

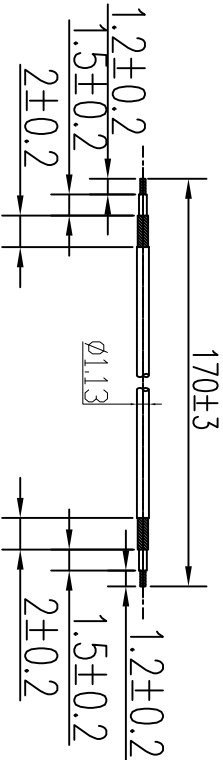
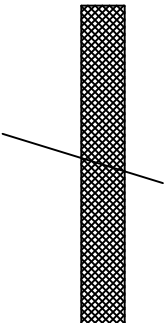
Finished antenna diagram

??	修改内容	修改者	修改日期

正面



反面



NOTE

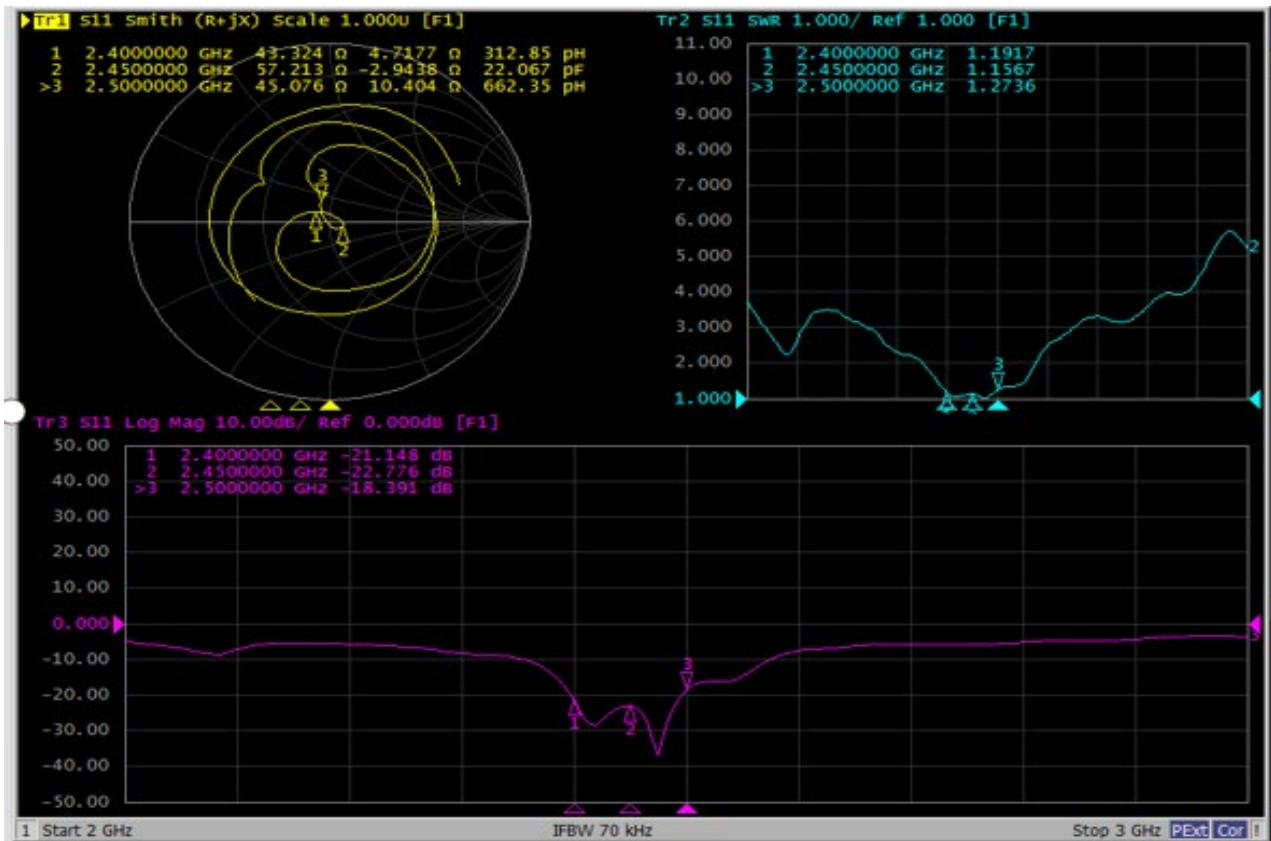
- 1.FPC基材：PI；正表面为黑色油墨，白色丝印。
- 2.背胶型号：3M9471LE.
- 3.天线需要增加0.2mm厚度PET补强板
- 4.天线背面需预留手撕位。
- 5.Cable 线径1.13，线长170±3mm，黑色线，双剥。

欧智通科技股份有限公司

一般公差：	单位：mm	名称：DB36-BT	日期：2026/3/6
X. X	±0.5	料号：DB36-BT-V2	设计：LHR
.XX	±0.25	材质：PET/T=0.10mm	R F：LHR
.XXX	±0.05	表面处理：清洁	确认：LHR
ANGULAR	± 0.5°	颜色：黑色	比例：1:1 版本：V2.0

5. 天线S参数

Antenna S-Parameter



Freq/GHz	2400	2450	2500
VSWR	1.1	1.1	1.2

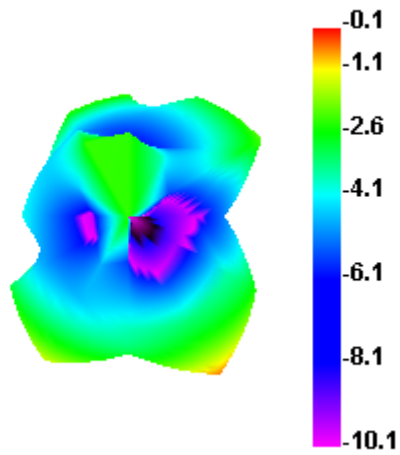
6. 增益/效率/3D图

Gain/Efficiency/3D Graph

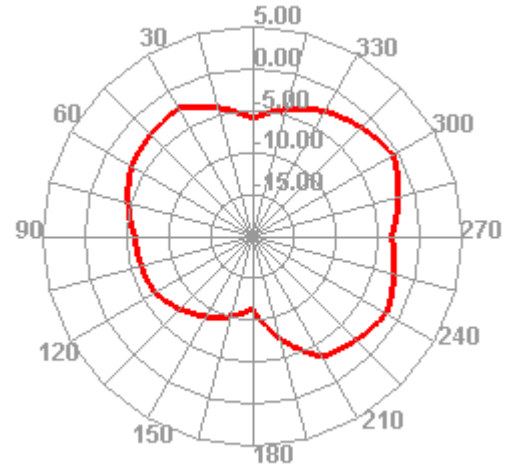
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	60.04	-3.97	-0.1
2410	60.88	-3.29	0.84
2420	62.77	-3.49	0.78
2430	61.13	-3.18	1.12
2440	62.83	-2.77	1.71
2450	64.18	-2.74	1.74
2460	63.8	-2.69	1.87
2470	63.6	-2.96	1.79
2480	62.7	-2.03	2.89
2490	62.07	-2.07	3.08
2500	61.04	-2.59	2.64

6. 增益/效率/3D图 Gain/Efficiency/3D Graph

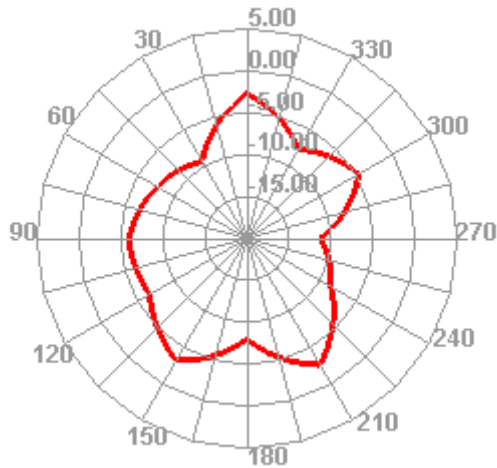
2400.000MHz



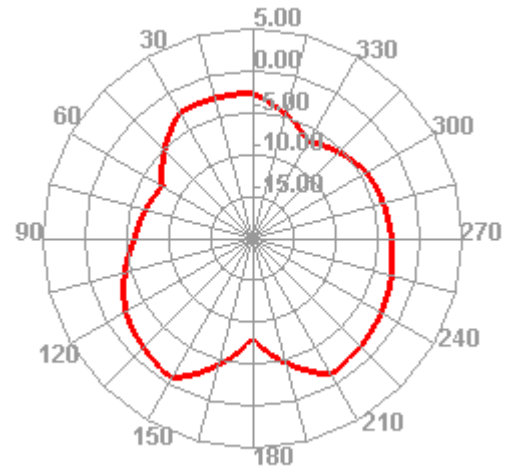
2400.000MHz H



2400.000MHz E1

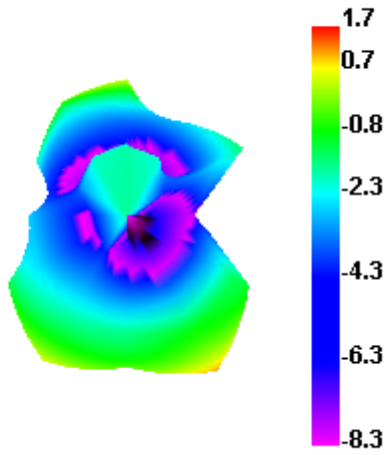


2400.000MHz E2

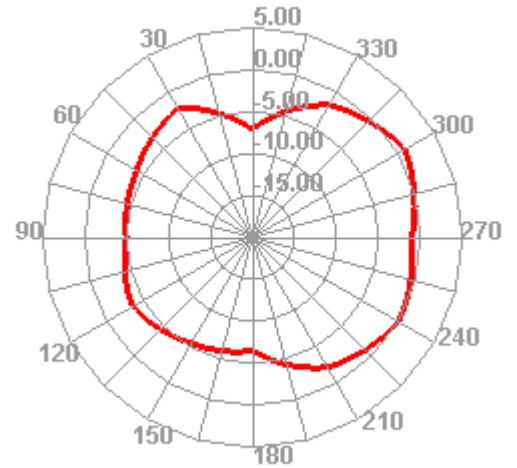


6. 增益/效率/3D图 Gain/Efficiency/3D Graph

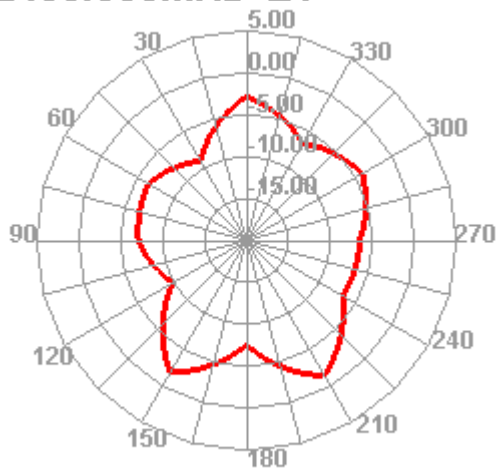
2450.000MHz



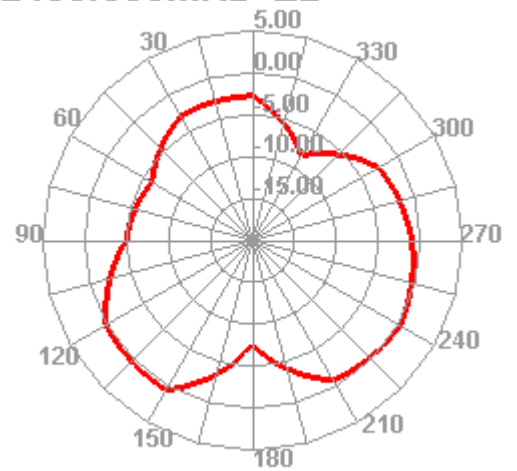
2450.000MHz H



2450.000MHz E1

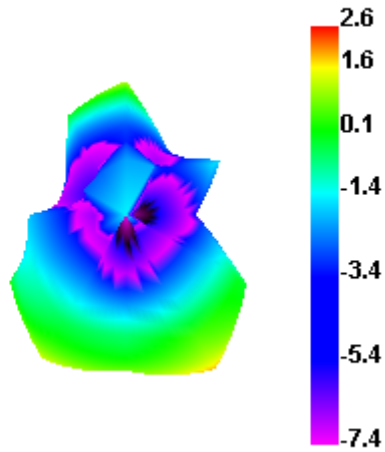


2450.000MHz E2

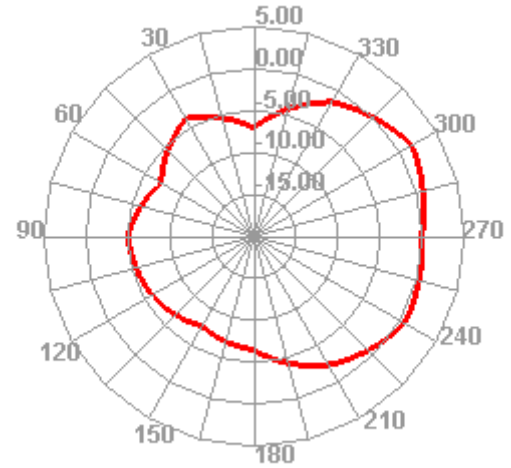


6. 增益/效率/3D图 Gain/Efficiency/3D Graph

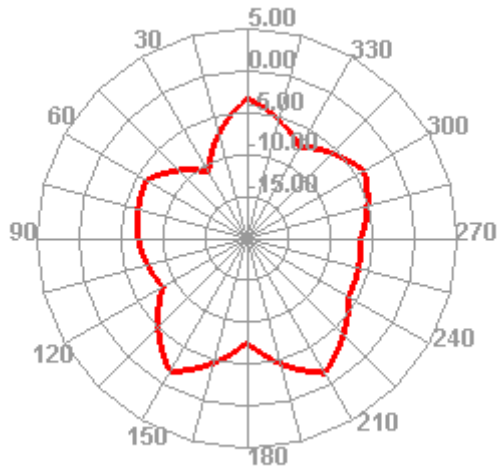
2500.000MHz



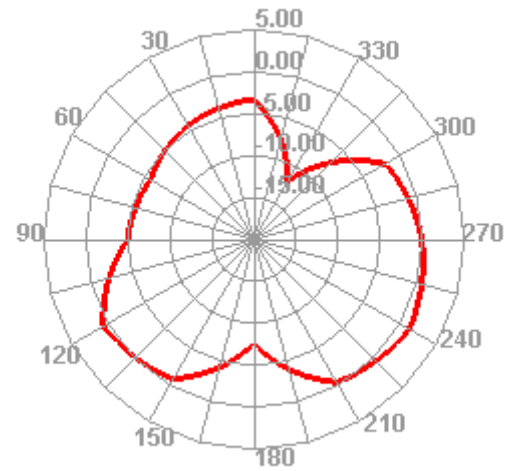
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



7. 包装 packing

产品包装规范Code for product packaging

产品名称/规格

一、标签要求

采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

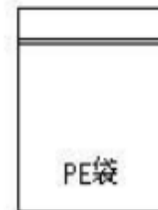
采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

二、装箱要求

作业说明：

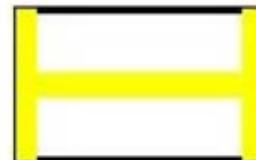
1. 内包装：

产品____PCS 一小袋

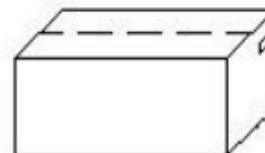


2. 外包装：

根据实际数量定数量/箱



纸箱



注意事项：

1. 是否要增设隔板、珍珠棉；
2. 标签的贴附，如 ROHS 等；