

SPECIFICATION

SHEET FOR APPROVAL

(Revision: V1)

CUSTOMER (客户名称)			
CS P/N(客户机种)	W2 FACE		
PART NAME (品名)	WIFI Antenna		
FREQUENCY (频率)	2400-2500MHz		
SUPPLIER PN. (供应商物料编号)	DP-WIFI-17C005A-T1.0		
DATE (日期)	2025-2-24		
CUSTOMER SIGNED			
QA CHECKED	ME CHECKED	RFCHECKED	MANAGER CHECKED

Remark(备注):

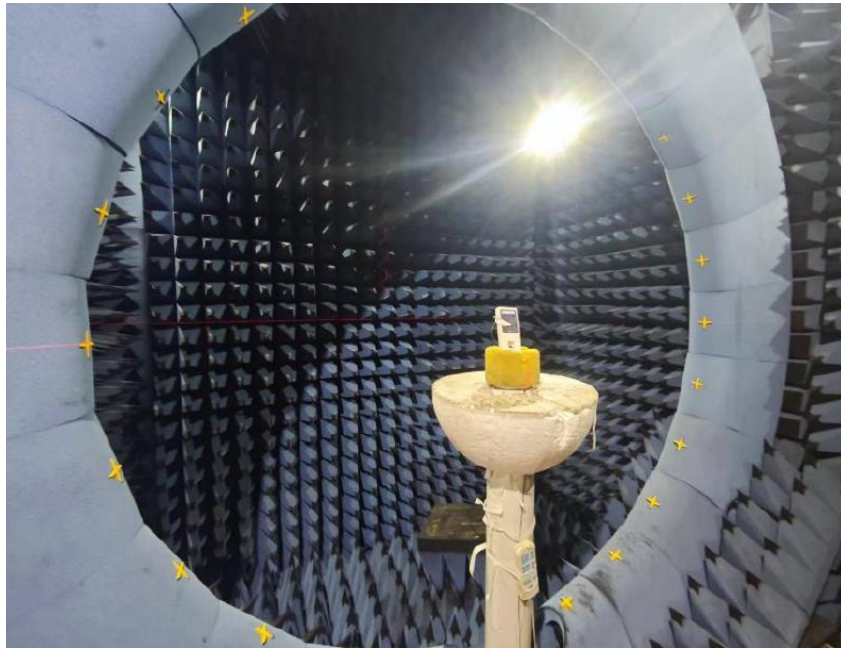
Sign(客户确认签字盖章): _____

SHANGHAI DEEPFAST TECHNOLOGY CO., LTD 2nd Floor, Building 3, No. 2710 Fengxiang Road, Jiading District, Shanghai				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER

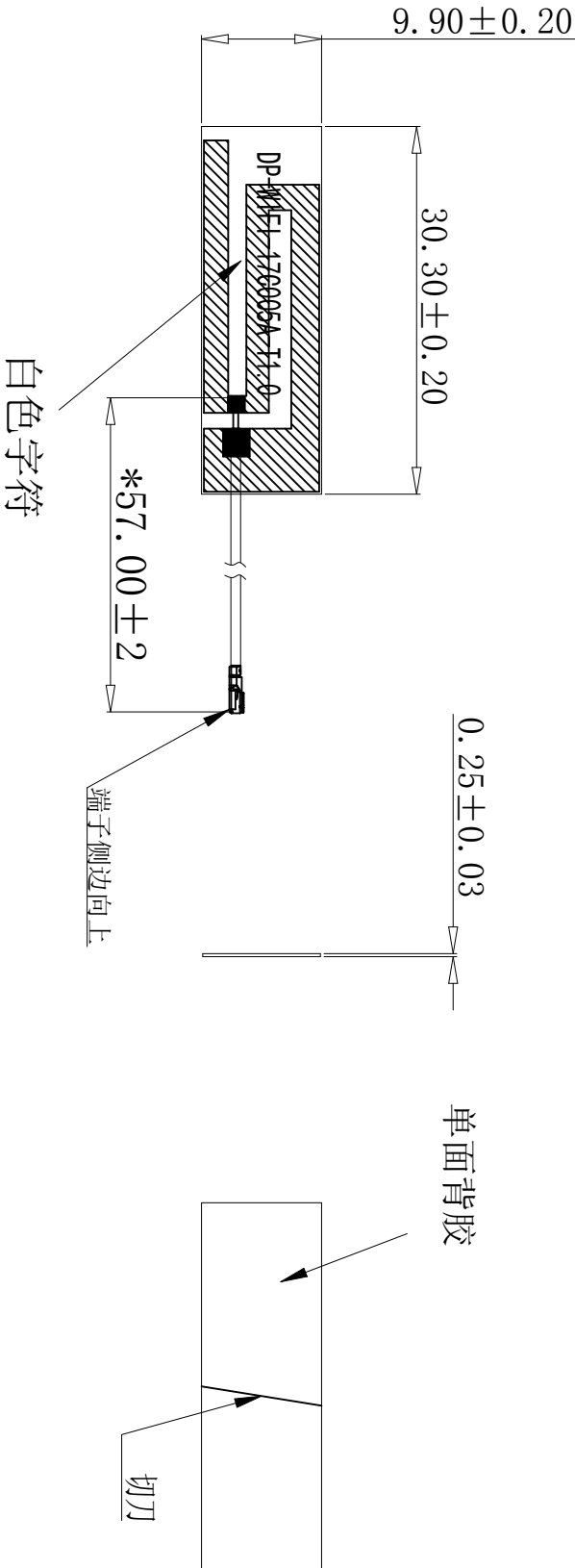


DEEP FAST
上海深迅通信技术有限公司

1. 工程图 Engineering Drawing



Rev	Description	Designed	Date
版本	描述	制图	日期
T1	首次发行		2024.09.27



- 备注:
- 带“*”的尺寸为重点尺寸为出货必测项;未注公差参照图框内公差表管控;
 - 外形需冲切光滑平顺、且不能冲切到内部线路;
 - 产品表面不能有污点、起皱、露铜等不良问题;
 - 油墨面需通过百格测试要求;
 - 所有物料需满足RoHS2.0 +REACH ;
 - 产品需定数按要求包装好,运输过程中不能有明显挤压变形等现象;
 - 未经过DP公司确认,材料不能随意更改;

部件材质工艺说明:

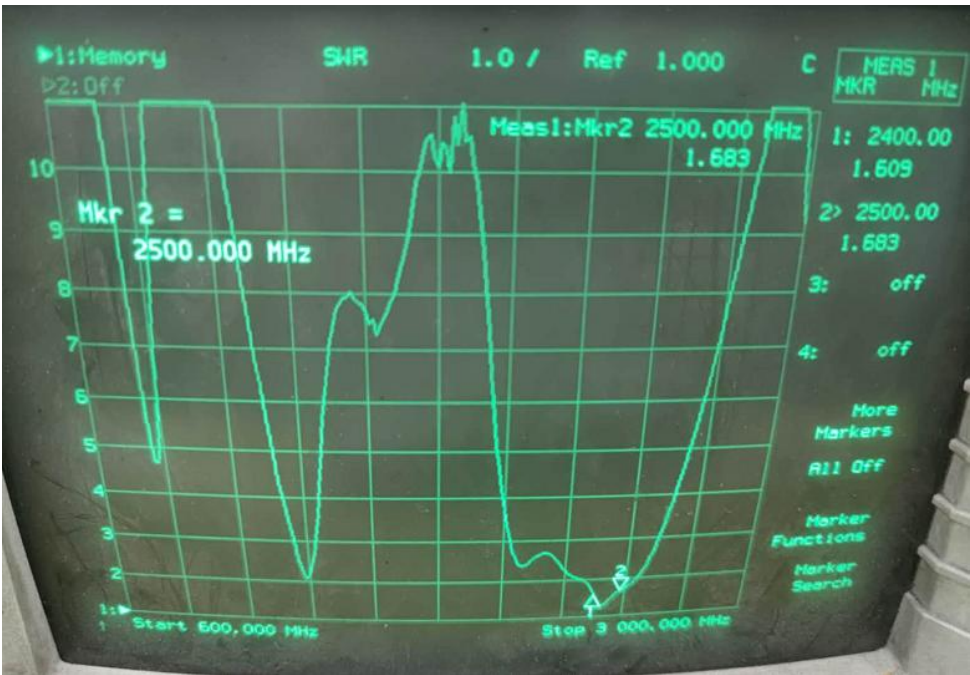
序号	物料名称	材质说明	用量	备注
A	一代端子	磷青铜/表面镀金	1PCS	
B	同轴线	双锡/FEP/黑色	1PCS	Ø1.13*L=57mm
C	FPC	PI-对半 (3M9495LE)	1PCS	30.30*9.90*0.25mm
D				



上海深迅通信技术有限公司
Shanghai DEEPFAST Communication Technology Co., Ltd.

General Tolerance		Date	Unit	Rev	Scale	Project Name
Dim	Grade	日期: 2024.09.27	单位: mm	版本: T1	比例: 1:1	项目名称: W2 FACE
5-10	A	Designed	Material			产品名称: WIFI FPC天线组件
10-20	±0.10	设计:	材料:			物料编码: 17C005A
20-40	±0.15	Checked	Process			物料编码: 17C005A
40>	±0.20	审核:	工艺:			物料编码: 17C005A
	±0.25	Approval	Third Angle			图纸编号: ZTX-QR-RD-013
	±0.50	批准:	第三视角			

2.回波损耗（Log Mag）：



2.1无源测试数据：

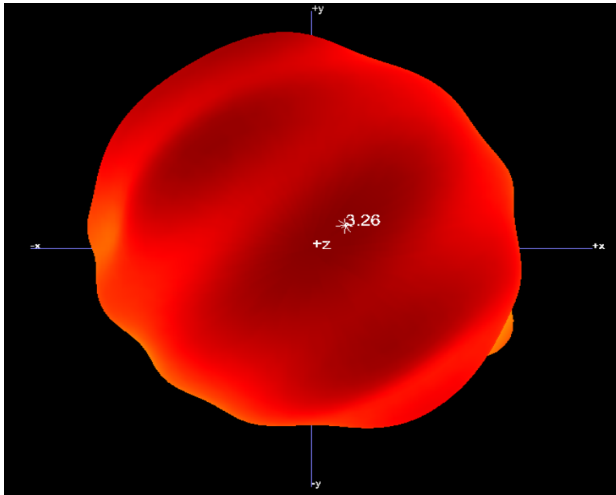
Frequency	Efficiency	Efficiency . dB
2400	50%	-3.0
2410	53%	-2.8
2420	54%	-2.7
2430	55%	-2.6
2440	55%	-2.6
2450	55%	-2.6
2460	55%	-2.6
2470	52%	-2.9
2480	49%	-3.1
2490	47%	-3.2
2500	45%	-3.5

3.产品 2D 图：

www.vlg.com.cn

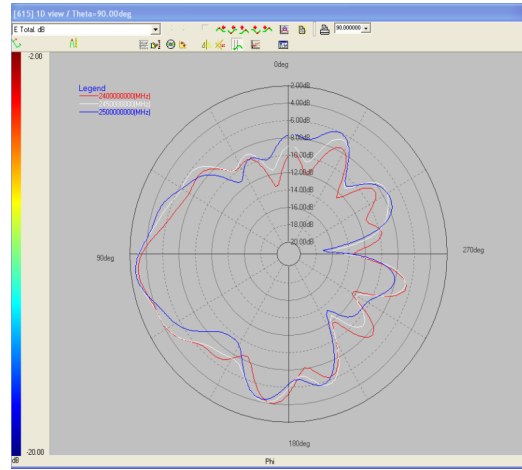
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2450MHz

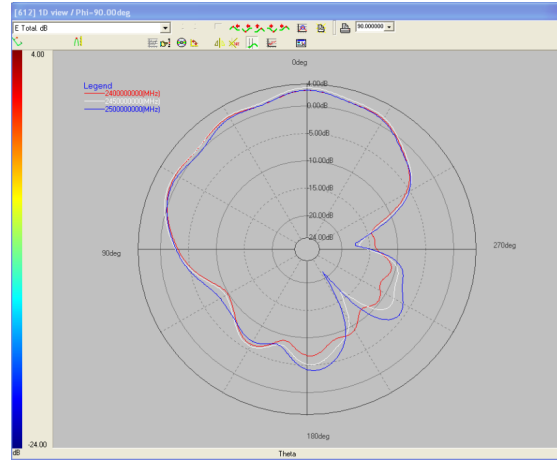
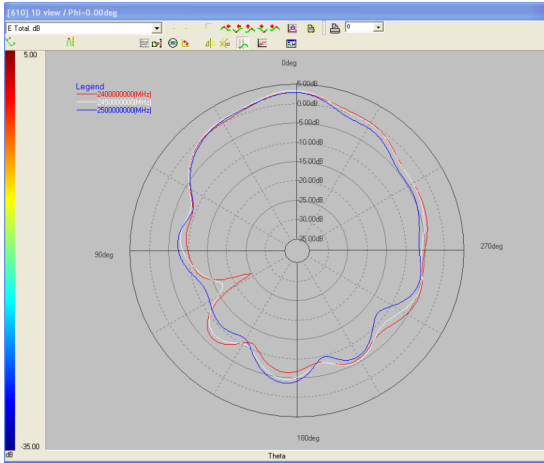


E1面

H面



E2面



Frequency	Efficiency	Efficiency . dB	Gain . dB
2400	50%	-3.0	2.8
2410	53%	-2.8	3.0
2420	54%	-2.7	3.1
2430	55%	-2.6	3.1
2440	55%	-2.6	3.2
2450	55%	-2.6	3.3
2460	55%	-2.6	3.2
2470	52%	-2.9	3.2
2480	49%	-3.1	3.1
2490	47%	-3.2	2.9
2500	45%	-3.5	2.8