



承认书

SPECIFICATION FOR APPROVAL

客户 Customer: Shenzhen Welldy Technology Co., Ltd

品牌 Brand: DONGGUAN □ QY □ TECHNOLOGY,CO.,LTD

品名 Description: BT-2.4G 天线

规格/型号

Specification

/part no: ES300/内置天线/50 Ω /2400-2500MHz/4.0
dBi/RG113 黑色双锡线 L=90mm/I-PEX 一代
端子/黑色 FPC 内置 BT 天线

日期 Date: 2024.08.01

备注 Remark: 承认签章后请回复一份（或复印件）给我司，其余由贵公司留作存档。如果在签章的承认书（或复印件）回复给我司之前，下了有关此规格产品的订单且又无特别说明，那么我司就确定贵司已完全承认了。Please return one specification or one copy of it with your chop and signature of approval and retain the others for your record. In the event of an order being placed for this part number before the chop and signed with specification (or copy) is returned and without special explanation, it will be assumed that full approval have been given.

客户签字盖章:

拟制/日期 CHECKED/DATE	审核/日期 AUDITOR/DATE	批准/日期 APPROVED/DATE



Specifications

客户料号

Customer P/N: 110.023.00011

规格描述

Specification: ES300/内置天线/50 Ω /2400-2500MHz/4.
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供应商 Supplier: DONGGUAN □ QY □ TECHNOLOGY,CO.,LTD

生产商 Producer: DONGGUAN □ QY □ TECHNOLOGY,CO.,LTD

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拟制/日期 CHECKED/DATE	审核/日期 AUDITOR/DATE	批准/日期 APPROVED/DATE
Zhang Bingxiang 2024.08.01	Wu Qianjin 2024.08.01	Luo Daxun 2024.08.01



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一. 天线图片 (Picture) :



(图片样品仅供参考,以图纸为准)

二. 电气参数 (Electrical parameters) :

Frequency 频率范围	2.4~2.5GHz
Impedance 特性阻抗	50Ω
S.W.R. 电压驻波比	≤2.0
Antenna Gain 增益	4.64dBi
Polarization 极化形式	垂直极化
Return Loss 回波损耗	-9.2dB MAX

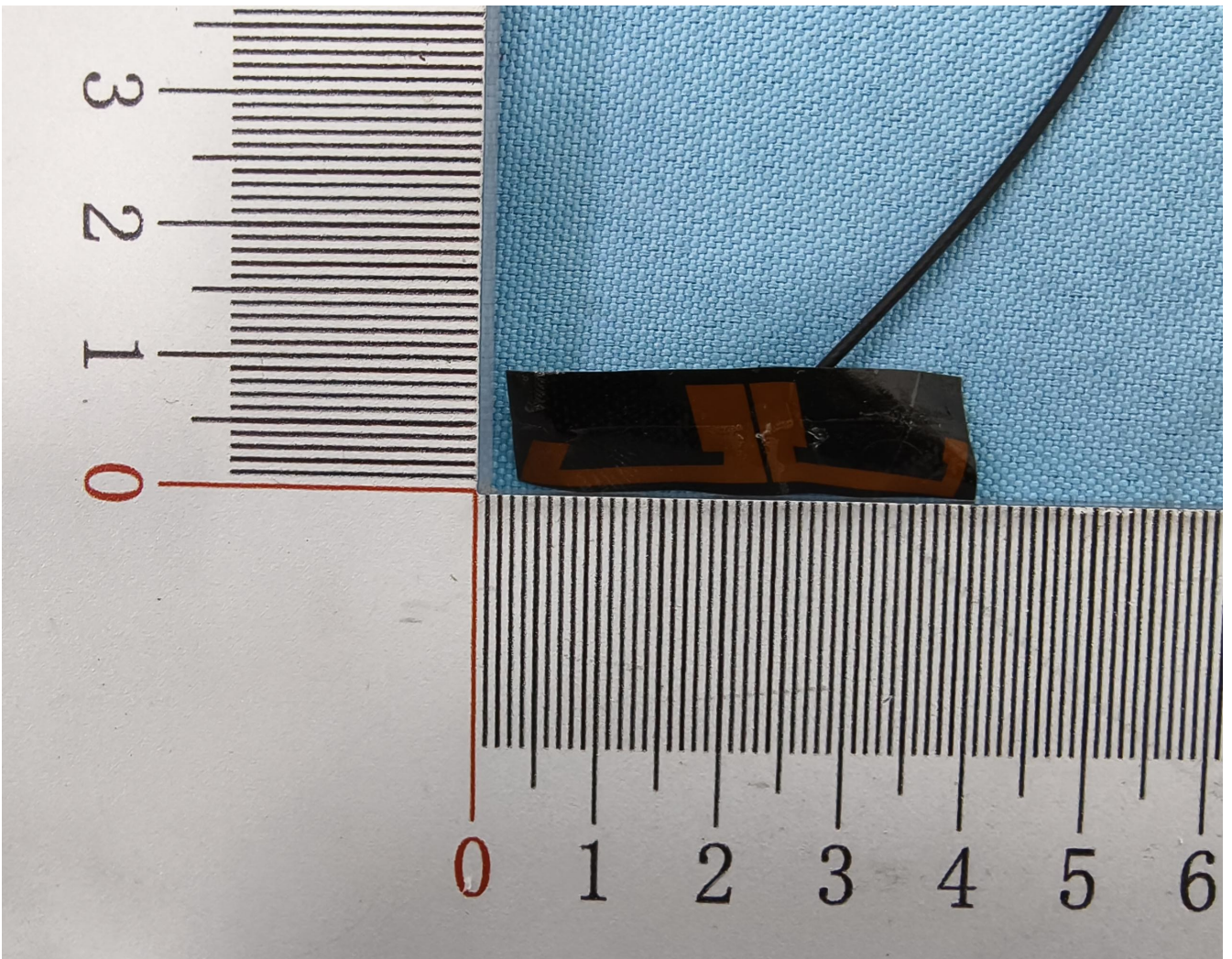
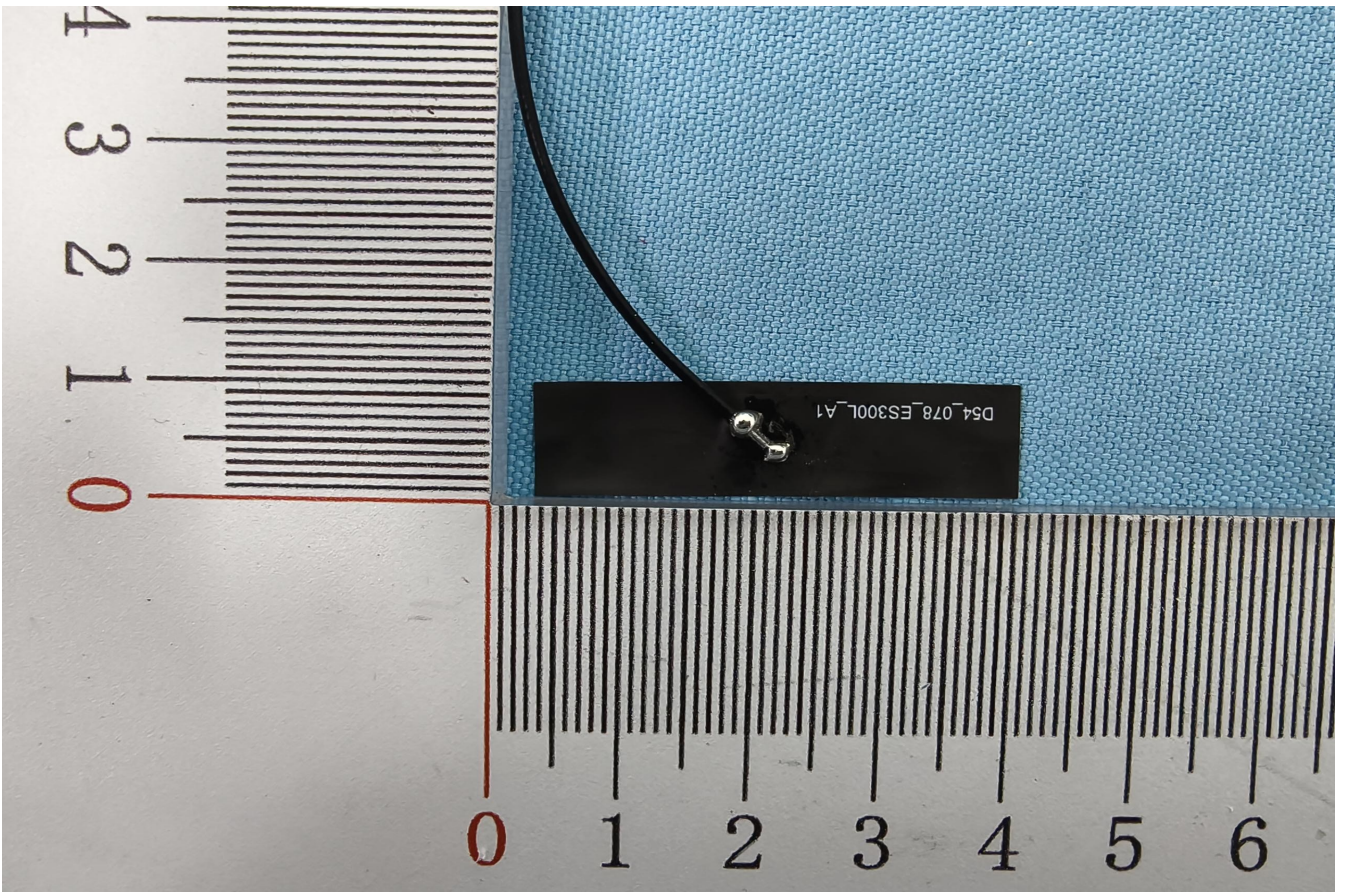
二. 机械参数(Mechanical parameters):

Antenna Colour 天线颜色	黑色
RF Cable Model 射频线型号	RG1.13, 黑色
Connect Type 接口方式	IPEX 一代端子

三. 工作/储存温度 (Operating/ Storage Temperature) :

Operating Temperature 工作温度	-40~85℃
Storage Temperature 储存温度	-40~85℃

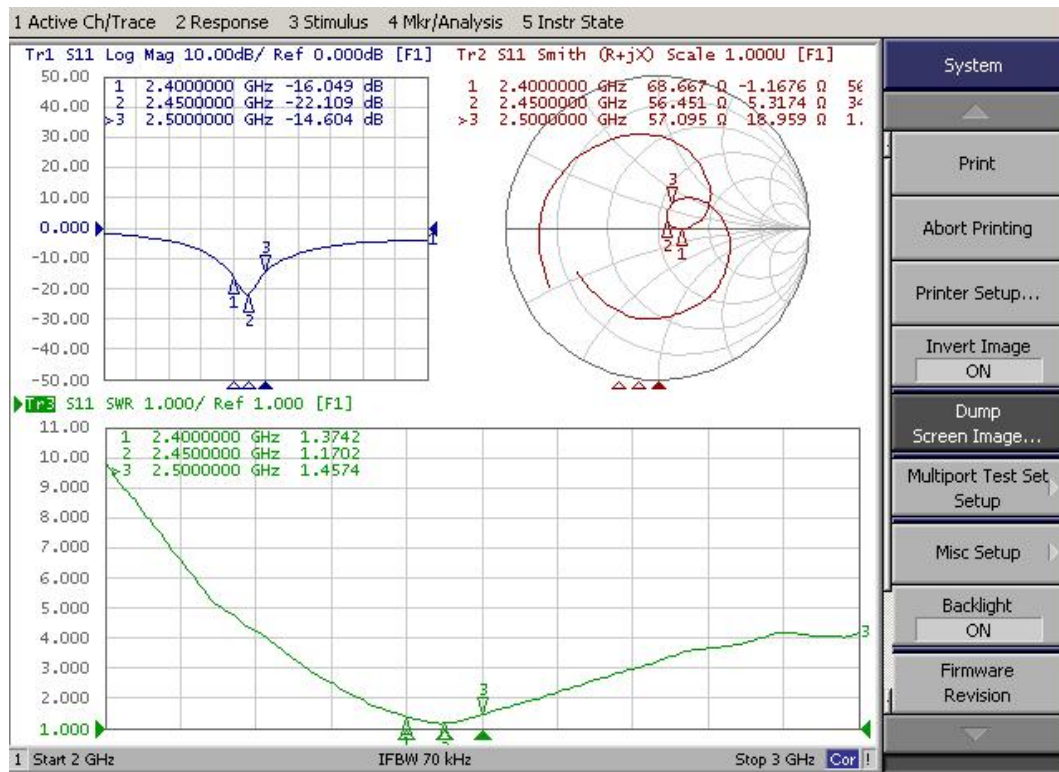
Structural drawings





四. Test Parameters

1, V.S.W.R&Return Loss



2.Gain & Efficiency

FEITUKEJI ANT 1											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	4.52	4.46	4.51	4.49	4.32	4.46	4.61	4.64	4.51	4.55	4.34
Efficiency (%)	54.50	55.95	55.23	56.94	56.74	57.35	56.87	56.34	55.66	54.94	54.92

2D、3D Radiation Patter

2450MHz

