



Shenzhen Yuhong Industrial Co., Ltd

Specification of parts

Customer name:	Dongguan Zhengrong electronic Technology Co., LTD
Product Model:	R9-R
Risuntek P/N:	
Version:	A0
Prodcut Name:	FPC antenna
Description:	BTE2400 FPCantenna 4.64*15.48*0.12mm A pair of half electrolytic copper single side adhesive-R
Date:	2023-8-30

Customer Signatures

PM	ME	QE

Inner Signatures

QE	ME	RF
Yang jin	Cindy	James.mao

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Catalogue

One、 Prepare/revise the resume

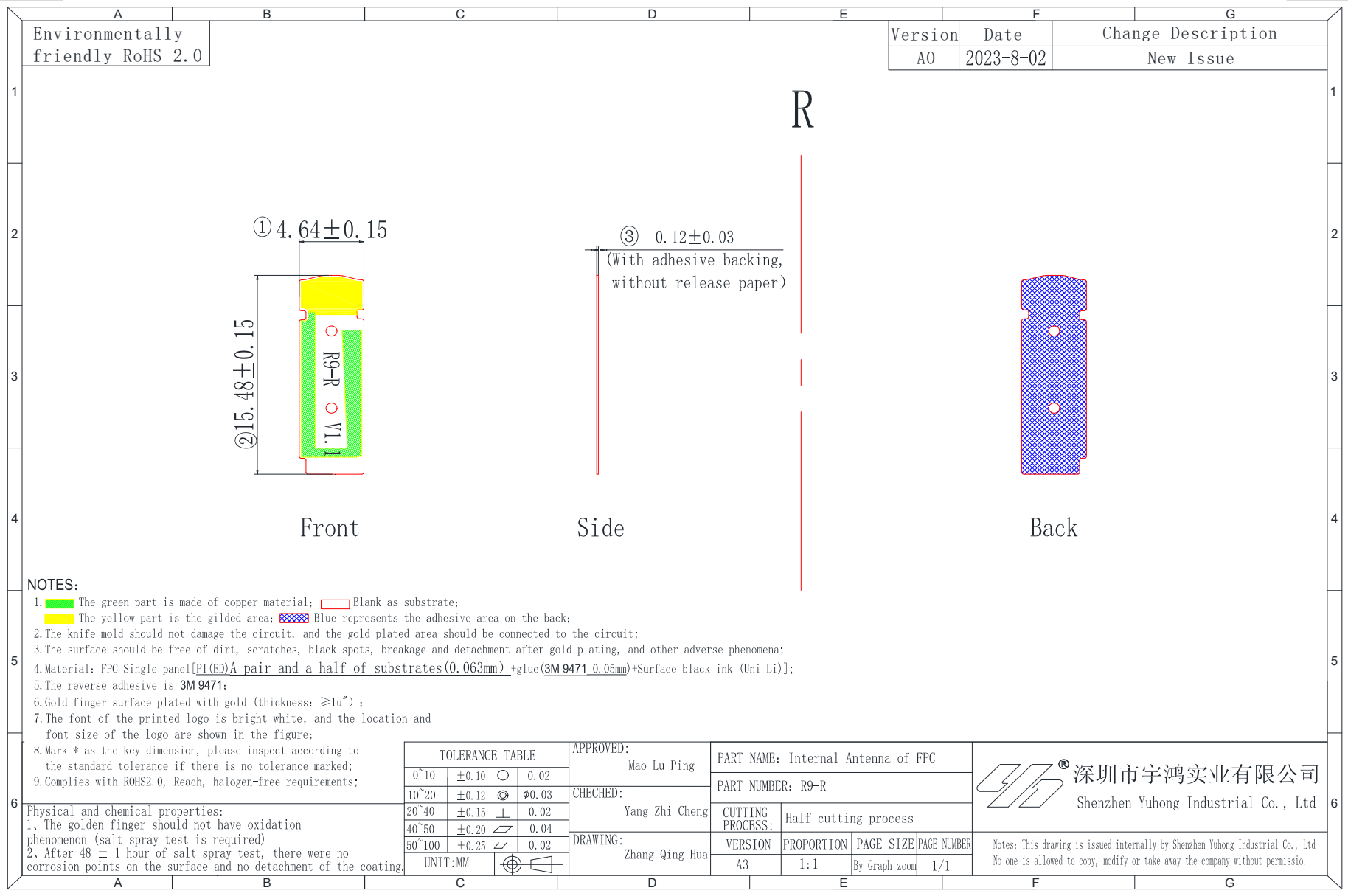
Two、 Product drawing

Three、 Electrical and mechanical properties

One、Prepare/revise the resume

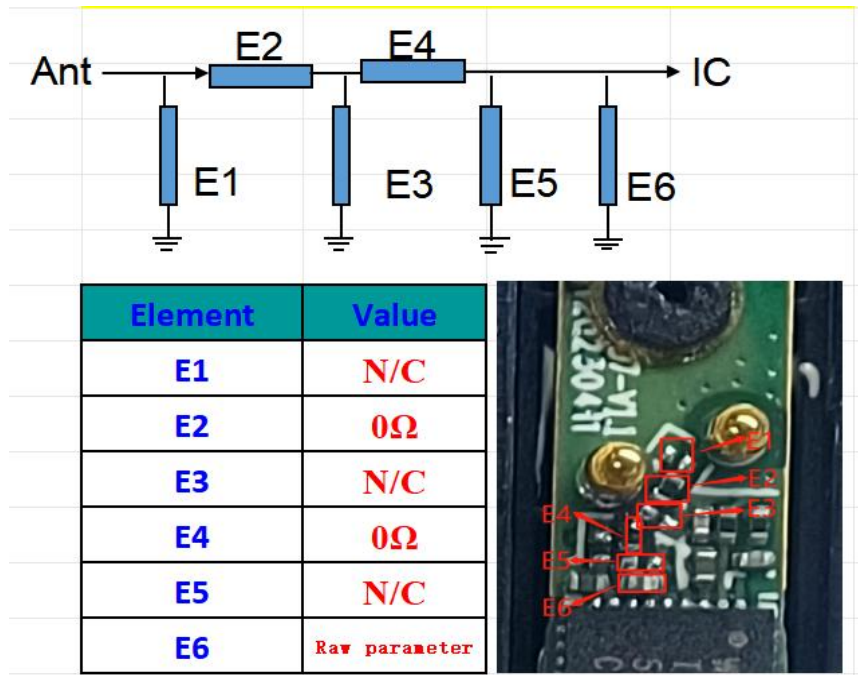
editi on	Revision page	Change time	Altered person	Reason and content of change	remark
A0	—	2023-8-30	Cindy	First version of the antenna form	
A1					
A2					
A3					
A4					
A5					
A6					

Two. Product drawings

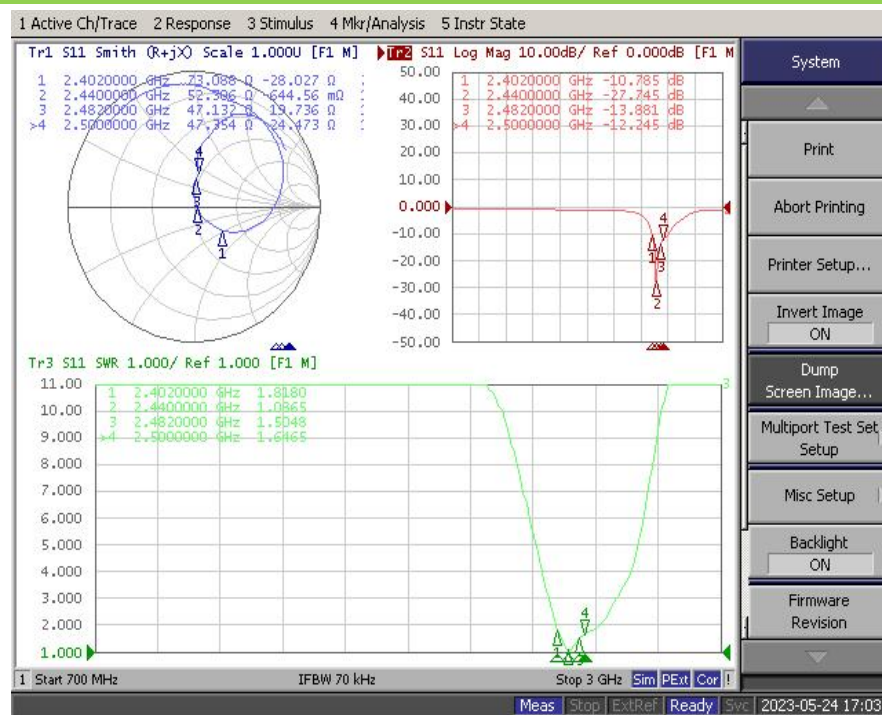


Three、Electrical and mechanical properties

1、Match the circuit diagram

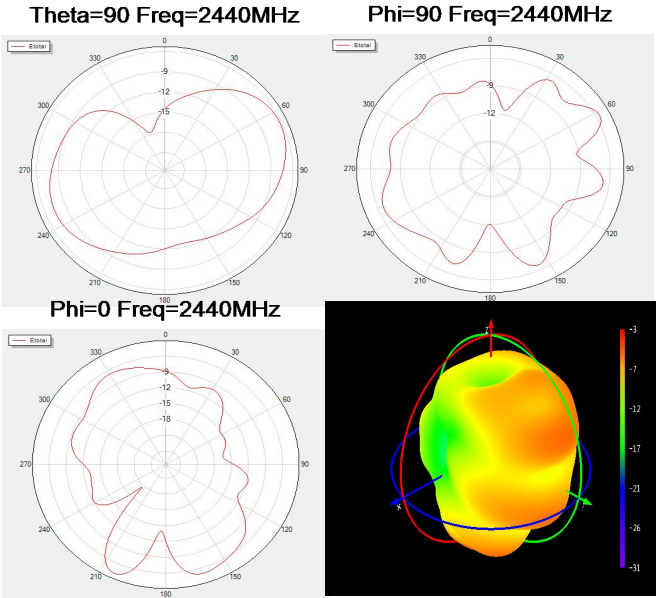


2、S11 Parameters



3、Passive efficiency

Freq[MHz]	Gain(dBi)	Efficiency
2400	-3.47	14.82
2410	-3.48	15.51
2420	-3.48	15.62
2430	-3.45	15.62
2440	-3.37	15.53
2450	-3.19	15.59
2460	-3.05	15.68
2470	-2.95	15.75
2480	-2.9	15.74
平均值	-3.26	15.54



4、Active OTA data

R	channel	TRP (dbm)	TRP (dBm)
Free space	0	0.13	-83.83
	39	0.44	-84.11
	78	0.21	-83.03
R	channel	TRP (dbm)	TIS (dbm)
Head mold	0	-2.73	-81.12
	39	-2.46	-81.52
	78	-3.07	-81.23

5、Measured effect

Test phone	Samsung S6
distance	12M
Test site	Huawei Sidewalk
TESTERS	Aaron