



Shenzhen Yuhong Industrial Co., Ltd

Parts Acknowledgment

Customer name:	Minami Acoustics Limited
Product Model:	6908
Risuntek P/N:	
Version:	A0
Prodcut Name:	FPC antenna
Description:	6908-R FPC antenna 7.08*22.35*0.11mm single-side adhesive V1.2
date:	2023/5/6

(Customer Signatures)

(PM)	(ME)	(QE)

(Inner Signatures)

(QE)	(ME)	(RF)

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catalogue

one、 Resume

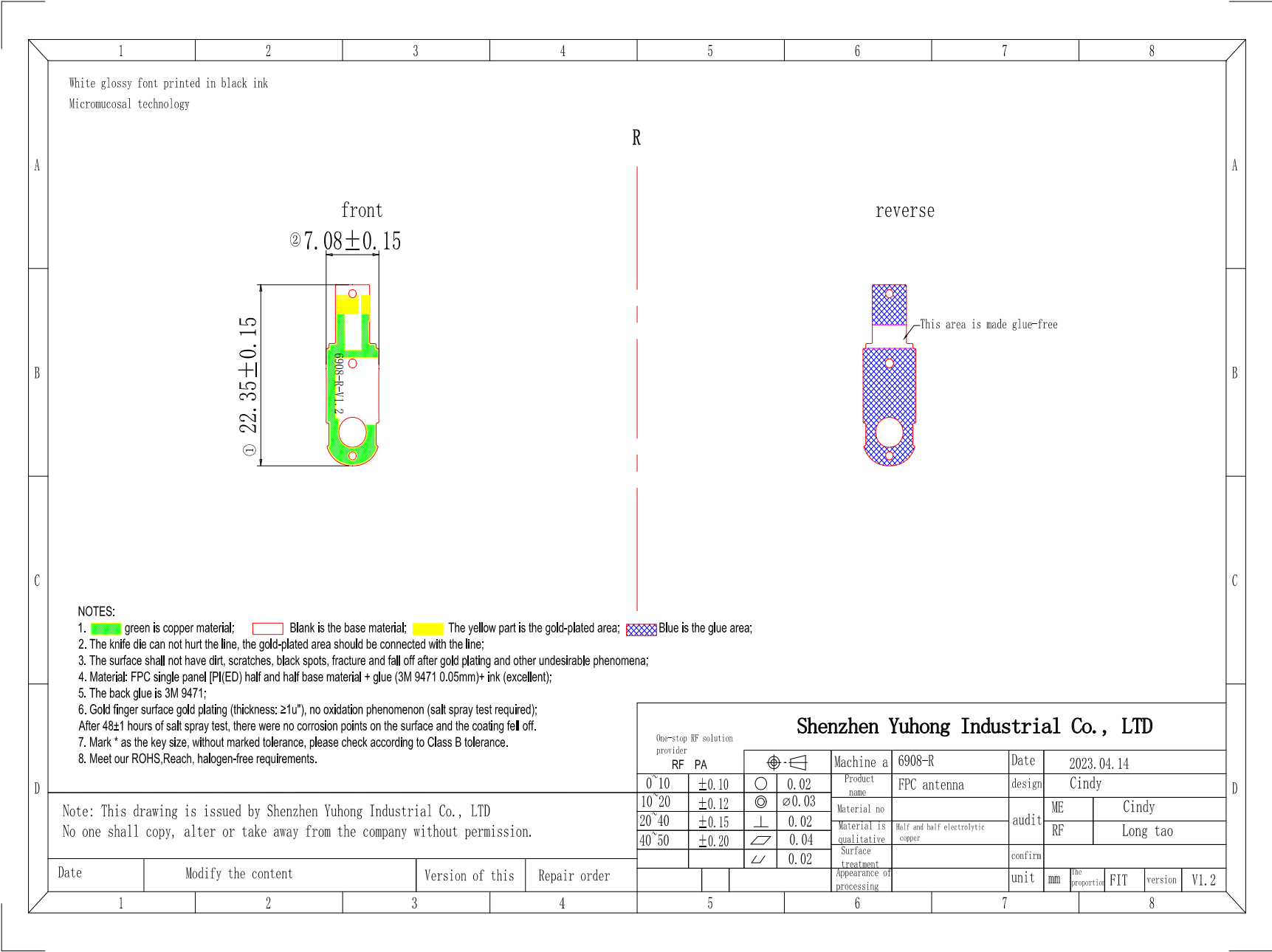
two、 Product drawings

three Description of electrical and
mechanical properties

one、Preparation / revision change resume

editi on	Revision page	Change time	Changed by	Reason and content of change	remarks
A0	—	2023/5/6	Cindy	Antenna form of the first version	
A1					
A2					
A3					
A4					
A5					
A6					

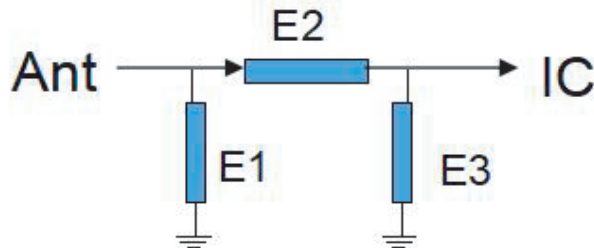
two、Product drawings



三、 电气、机械性能说明

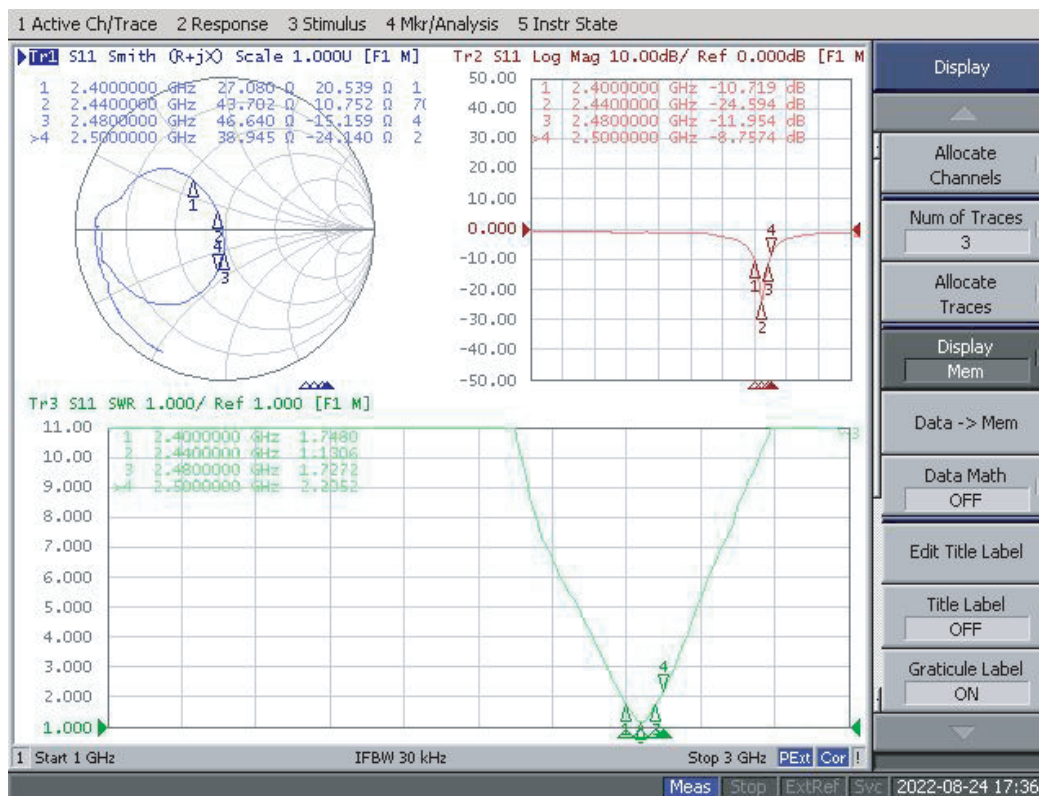
1、 Match the circuit diagram

天线匹配电路说明



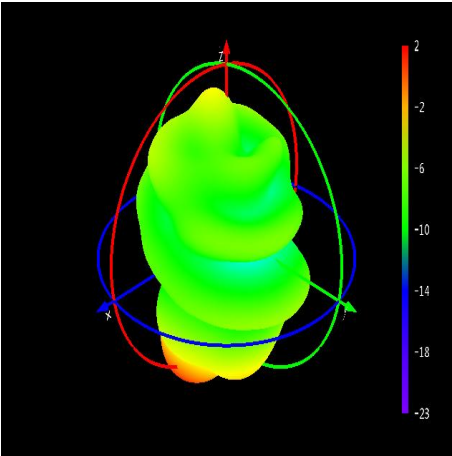
Element	Value
E1	N/C
E2	0Ω
E3	1.2PF

2、 S11 parameter

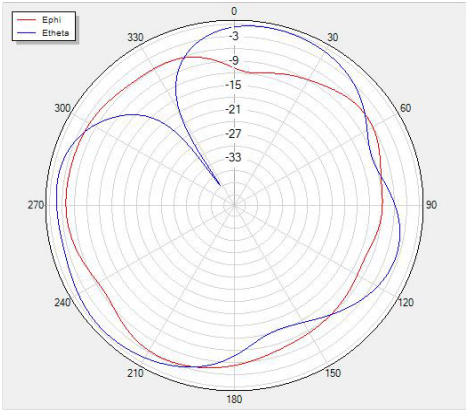


3、Passive efficiency

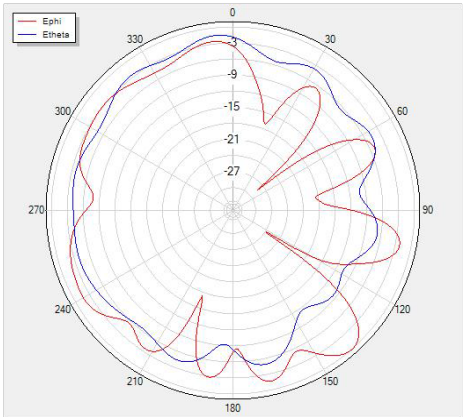
Freq[MHz]	Efficiency(%)	Gain(dBi)
	free space	free space
2400	20.87	-1.15
2410	21.22	-0.74
2420	21.57	-0.37
2430	22.01	0.01
2440	22.33	0.32
2450	22.49	0.59
2460	22.39	0.75
2470	21.85	0.83
2480	20.63	0.76



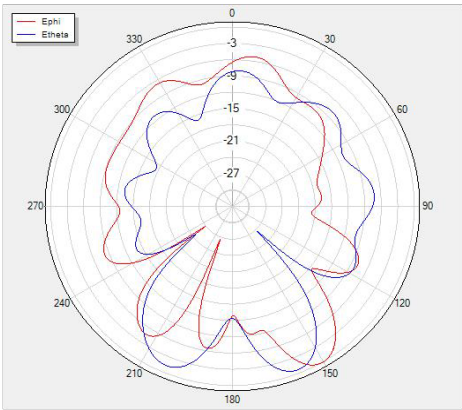
Theta=90 freq=2440MHz



Phi=90 freq=2440MHz



Phi=0 freq=2440MHz



4、Active OTA data

R	channel	TRP (dbm)	TRP (dBm)
freedom	0	0.88	-85.33
	39	1.46	-86.42
	78	1.15	-86.37
R	channel	TRP (dbm)	TRP (dBm)
Head die	0	-1.69	-84.36
	39	-1.53	-84.75
	78	-1.27	-84.5

5、Field measurement

Test cell phone	Samsung S6
distance	15M
Test site	Huawei walkway
tester	Long Tao