



Shenzhen Yuhong Industrial Co., LTD

Specification of parts

Customer name:	Dongguan Hele Electronics Co., LTD
Product Model:	QT26-R
Risuntek P/N:	
Version:	A0
Prodcut Name:	FPC antenna
Description:	BT2400-FPCB Built-in Bluetooth Headset antenna (QT26-R)
Date:	2023/12/6

(Customer Signatures)

(PM)	(ME)	(QE)

(Our signature)

(QE)	(ME)	(RF)
lily	Cindy	James

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catalogue

一、 Prepare/revise the resume

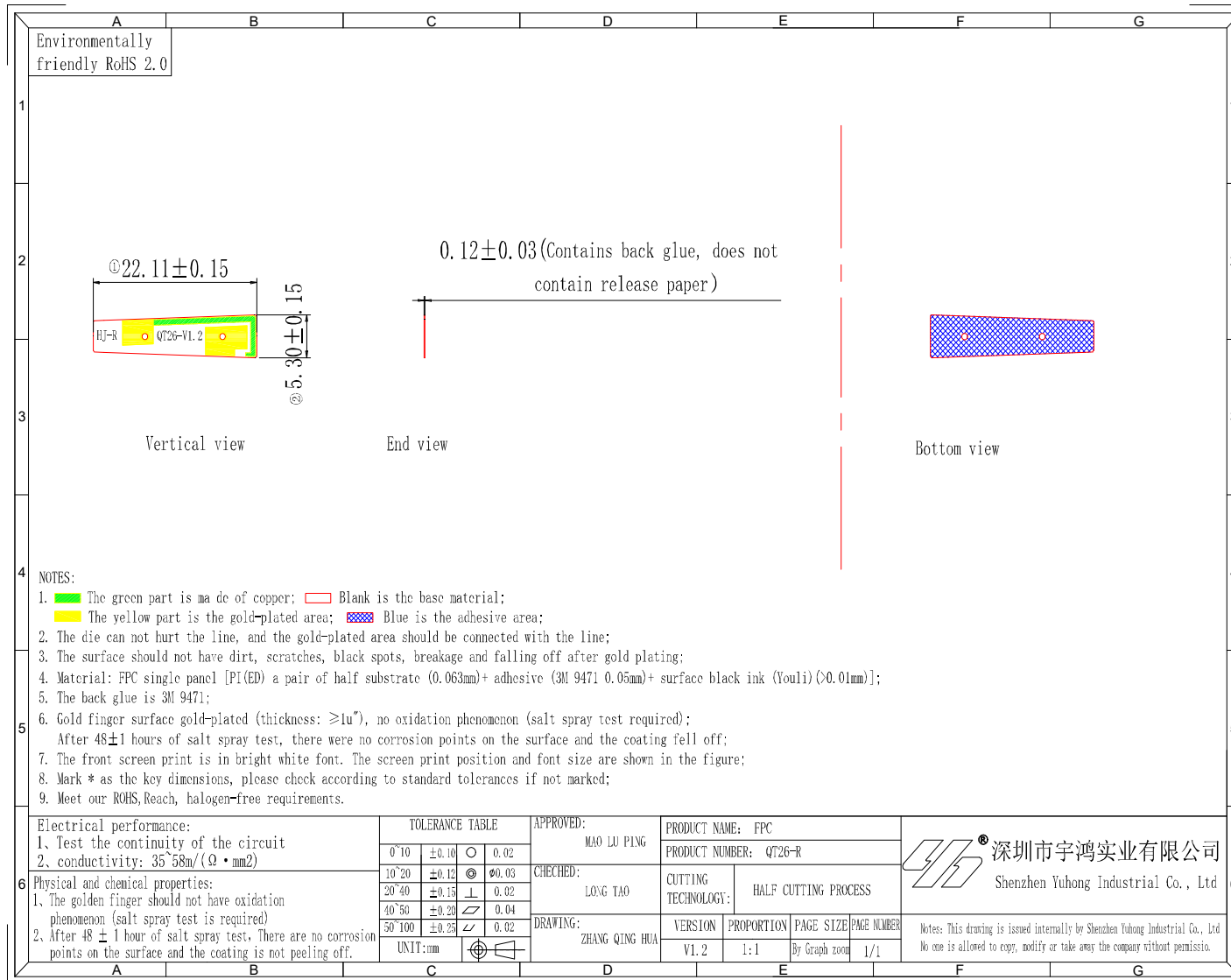
二、 Product drawing

三、 Electrical and mechanical properties

一、 Prepare/revise the resume

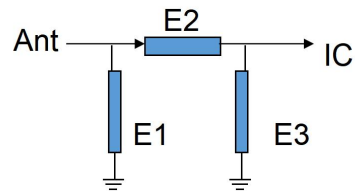
edition	Revision page	Change time	Alteration party	Reason and content of change	remark
A0	—	2023/12/6	Cindy	First version of the antenna form	
A1					
A2					
A3					
A4					
A5					
A6					
A7					
A8					
A9					

二、Product drawing



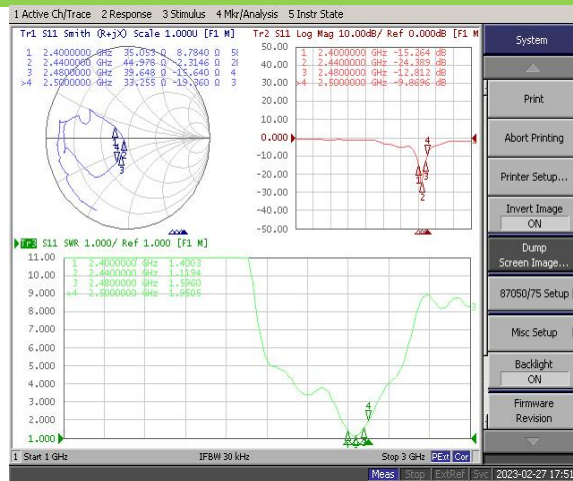
三、Electrical and mechanical properties

1、Match the circuit diagram



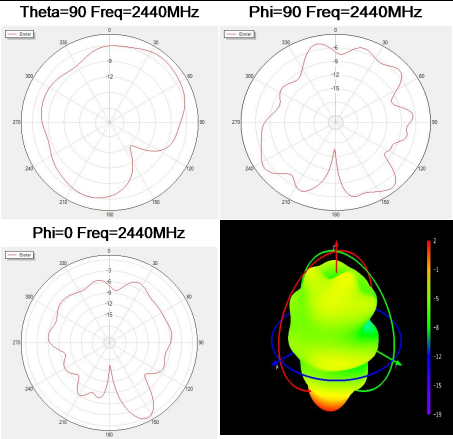
Element	Value
E1	N/C
E2	0Ω
E3	1.5PF

2、S11 Parameters



3、Passive efficiency

MHz	Gain (dBi) freedom	Efficiency (%) Freedom
2400	0.97	26.76
2410	1.14	27.61
2420	1.3	28.24
2430	1.41	28.35
2440	1.45	28.13
2450	1.42	27.63
2460	1.32	26.83
2470	1.17	25.97
2480	1.07	25.6
2490	0.97	25.34
2500	0.86	25.06
平均值	1.19	26.87



4、Active OTA data

R	channel	TRP (dbm)	TRP (dBm)
Free space	0	3.44	-86.67
	39	4.45	-86.67
	78	3.56	-87.52
R	channel	TRP (dbm)	TIS (dbm)
Second generation head die	0	-3.1	-81.05
	39	-2.16	-81.87
	78	-2.95	-81.84