



Shenzhen Yuhong Co., Ltd

Specification

客户名称 Customer name:	Cosonic
产品机型 Product Model:	CE-2152B-ANT-R
客户料號 Risuntek P/N:	
版本 Version:	A
零件名称 Prodcut Name:	FPC Antenna
产品描述 Description:	25.80*5.00*0.11MM L*W*H
日期 Date :	2022/11/8

客户签署
(Customer Signatures)

项目 (PM)	结构 (ME)	品质 (DQE)

我司签署
(Inner Signatures)

品质 (DQE)	结构 (ME)	射频 (RF)
杨进	张清花	龙滔

地址: 深圳市龙华新区民治大道与工业西路交汇展滔科技大厦A座1308

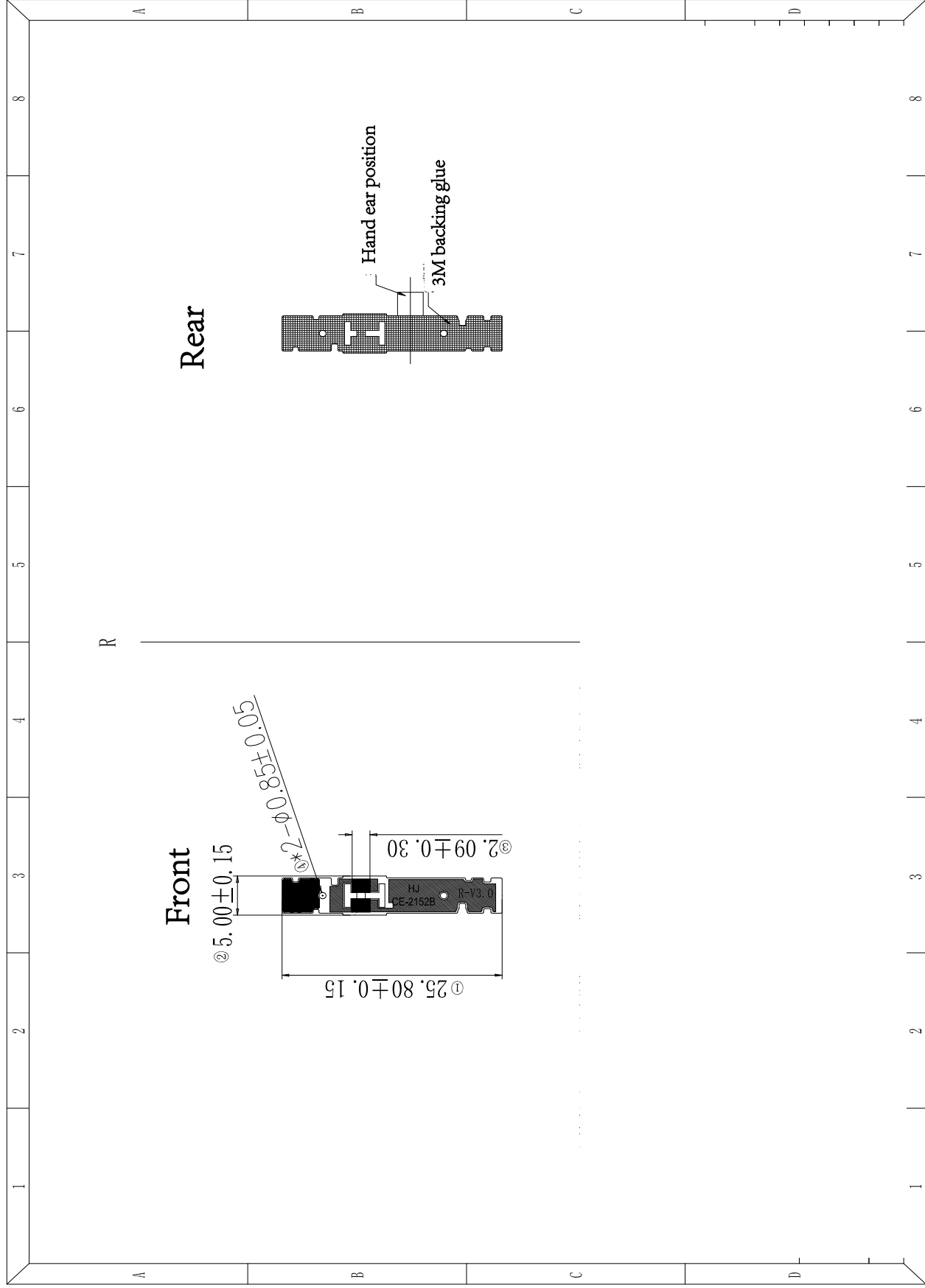
Add: Room 1308, Building A, Zhantao Technology Building, intersection of Minzhi Avenue and Gongye West Road, Longhua New District, Shenzhen

电话: 0755-21031946

Tel: 0755-21031946

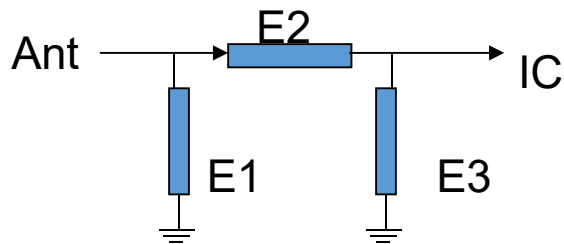
<http://www.yuhong-co.com/>

Product drawing

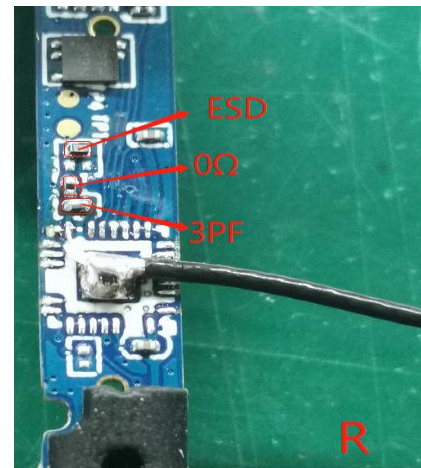


Electrical and mechanical properties

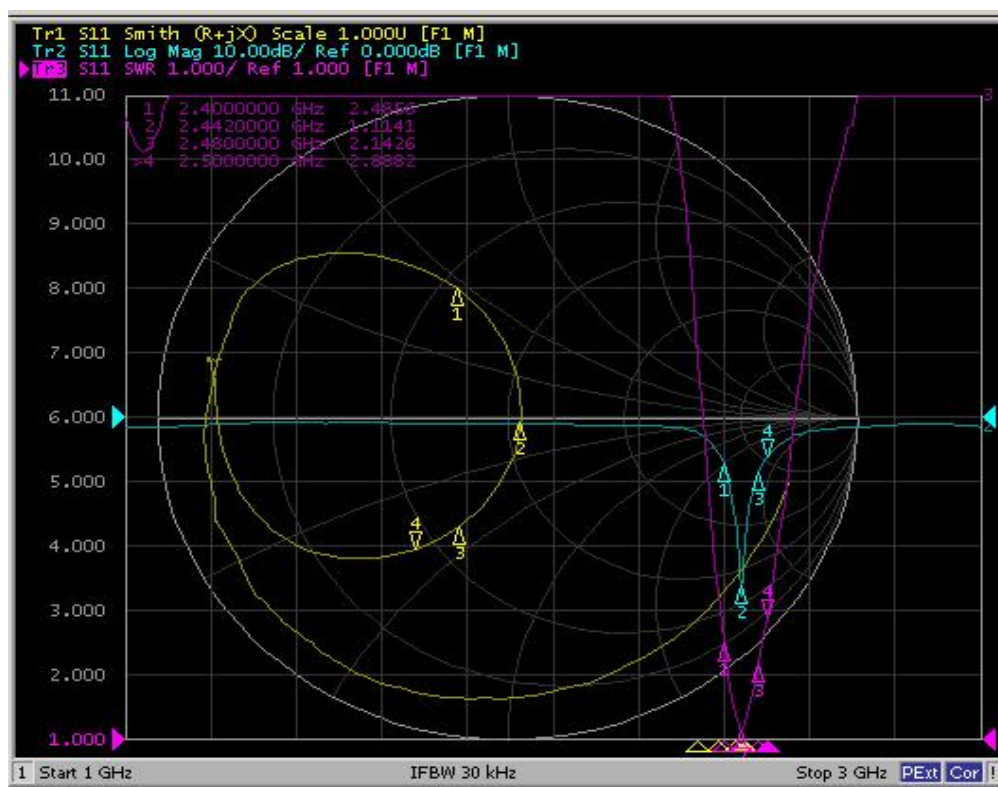
1、Match circuit diagram



Element	Value
E1	N/A
E2	0Ω
E3	3PF

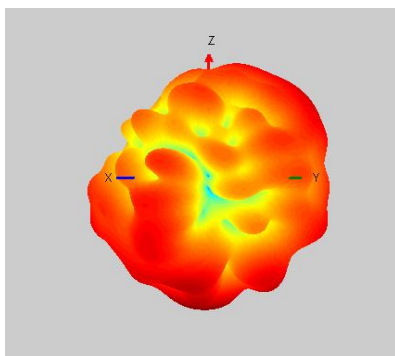


2、S11 parameter

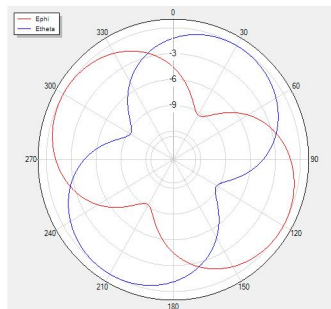


3、Passive efficiency

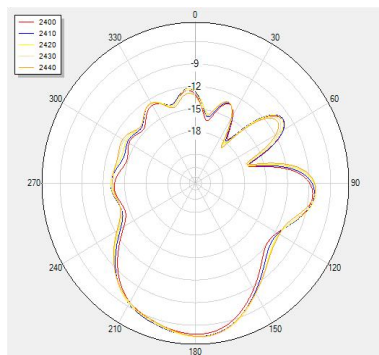
Freq[MHz]	Gain(dBi)	Efficiency(db)	Efficiency(%)
	Free Space	Free Space	Free Space
2400	-1.78	-7.39	17.55
2410	-1.83	-7.36	17.75
2420	-1.95	-7.33	17.98
2430	-1.97	-7.31	18.32
2440	-2.01	-7.27	18.87
2450	-1.9	-7.14	19.22
2460	-1.77	-7.05	19.89
2470	-1.5	-7.02	19.79
2480	-1.36	-7.06	19.22
2490	-1.52	-7.26	18.97
2500	-1.92	-7.59	17.75



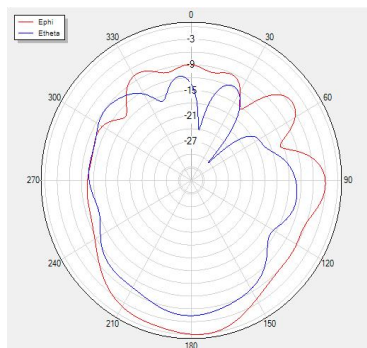
H Theta=0 freq=2450MHz



H Theta=90



H Theta=90 freq=2450MHz



4、 Active OTA data

L	Channel	TRP (dbm)	TRP (dBm)
Free Space	0	-2.44	-81.45
	39	-0.43	-84.35
	78	1.33	-84.59
L	Channel	TRP (dbm)	TIS (dbm)
Head	0	-2.19	-80.36
	39	-2.03	-82.31
	78	-2.04	-81.49