

ShenZhen City Flink Wi Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: Ausentic Technology Co.,Ltd

PRODUCTS: PCB Antenna

PART NO: RF_ANT002

Spec. : _____

Data: 2024. 09. 21

SUPPLIER				CUSTOMER		
PREPARED BY	CHECKED BY	APPROVED BY		ACCEPTED BY	CHECKED BY	APPROVED BY
吕志勇	吕志勇	吕志勇		冯军	冯军	冯军

REMARK:Please send us one(or copy)of this approval with stamp after accepting,other copies filed by the customer.

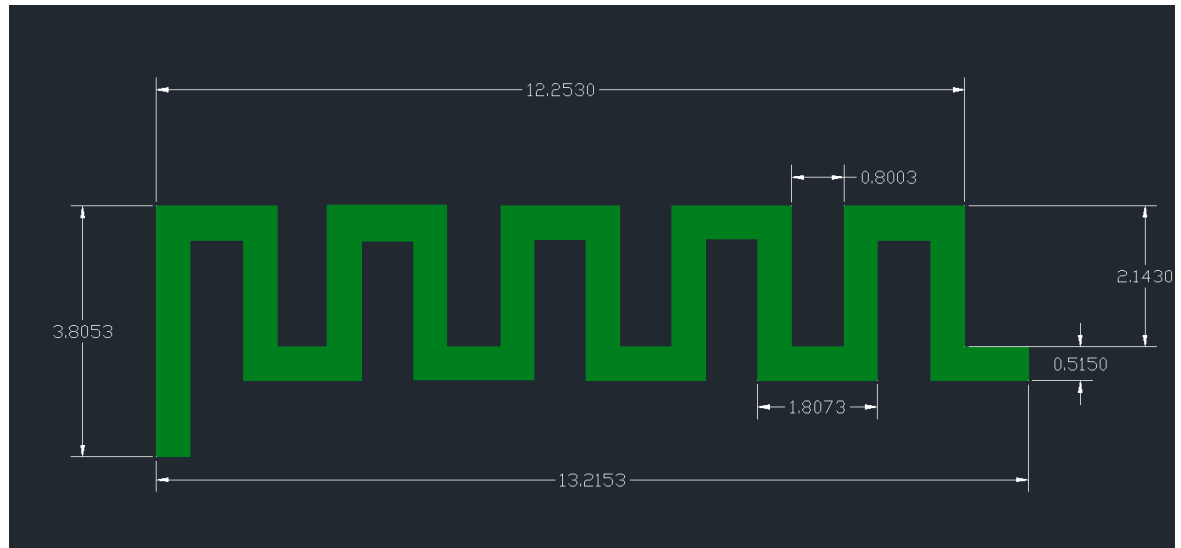
ADDRESS: 606 Huachuangda Business Building, Yu'an 1st Road, Bao'an 45 District, Shenzhen

Tel: 18820170917

Fax: 0755-26976277

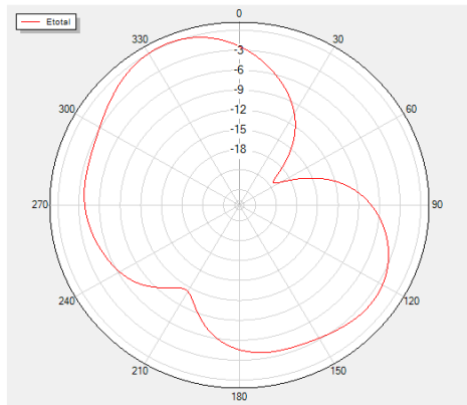
Antenna plate	PCB Antenna
Model name	RF_ANT002
Antenna gain	1.21dBi
Manufacturers	Guangzhou CHS Electronic Technology Co.,Ltd
Frequency range	2. 4GHZ-2. 5GHZ
Trademark	CHS

1 .antenna dimension (mm)

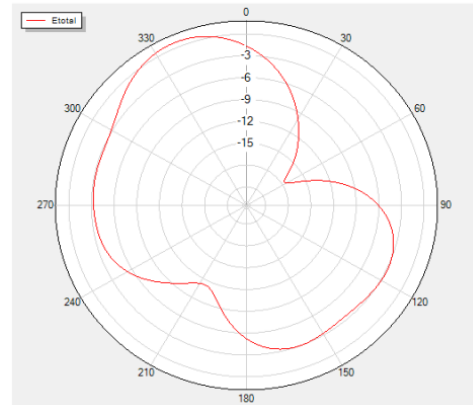


c, antenna direction

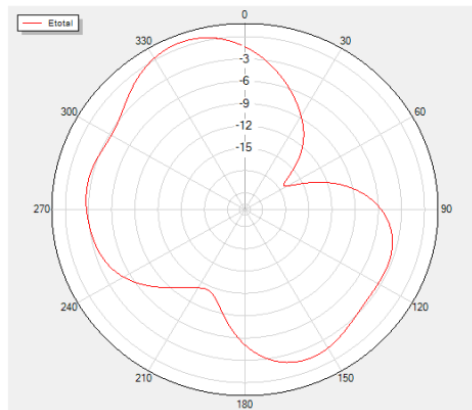
Theta=90 Freq=2400MHz



Theta=90 Freq=2450MHz



Theta=90 Freq=2480MHz



2, antenna specification

Bluetooth mechanical specifiction

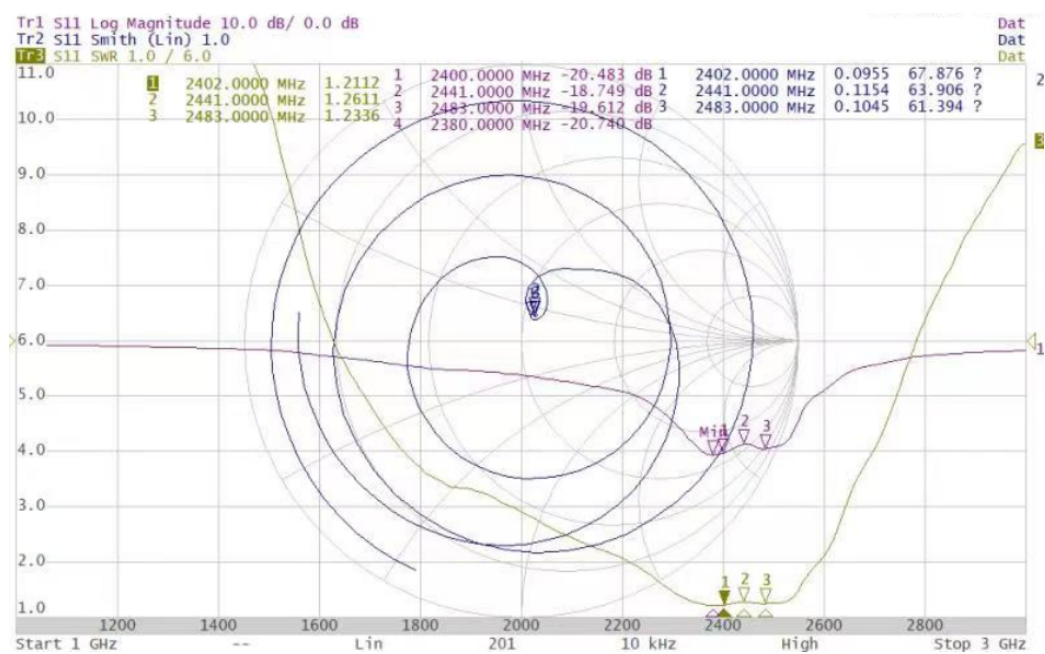
2400-2500MHZ

Electrical specifications	
Frequency range (MHz)	2400-2500
Gain (dBi)	1.21 dBi
Impedance (Ω)	50
VSWR	≤ 2.0 (Center frequency)
Mechanical specifications	
Operation Temperature ($^{\circ}\text{C}$)	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Humidity (%)	5~95

3. Gain

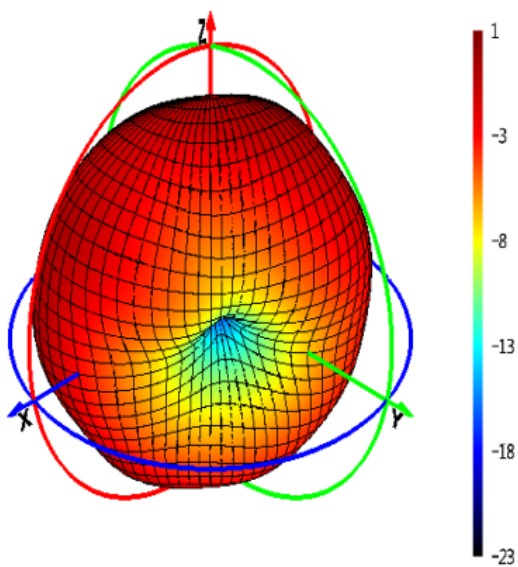
Gain&Efficiency 增益、效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	0.84	-2.49	56.39
2410	0.52	-2.73	53.38
2420	1.21	-2.55	55.54
2430	1.2	-2.73	53.34
2440	0.66	-2.89	51.4
2450	1.15	-2.88	51.54
2460	1.16	-3.03	49.77
2470	0.8	-3.02	49.87
2480	1.02	-2.95	50.67
2490	0.65	-3.35	46.26
2500	1.06	-3.01	49.99

4. INSERTION LOSS/RETURN LOSS/VSWR

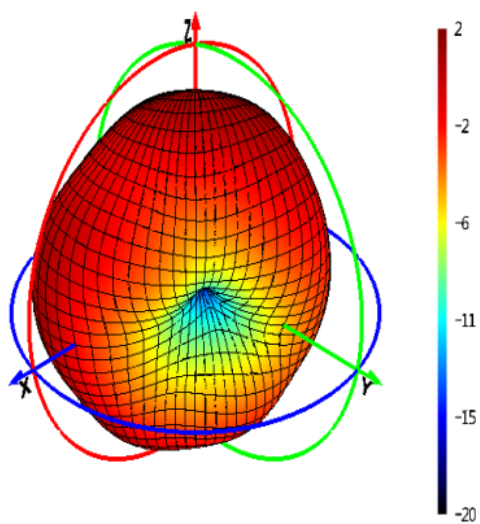


5. 3D Pattern

2400MHZ



2450MHZ



2480MHZ

