

ShenZhen City Flink Wi Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: _____

PRODUCTS: _____ PCB Antenna _____

PART NO: _____ YL-W16-V1 _____

Spec. : _____

Data: _____ 2024. 06. 06 _____

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY

CUSTOMER		
ACCEPTED BY	CHECKED BY	APPROVED BY

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

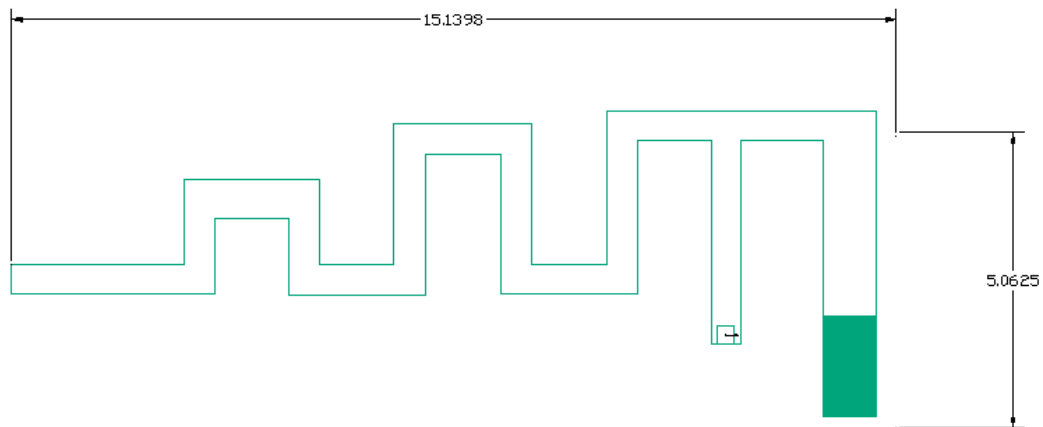
ADDRESS: 606 Huachuangda Business Building, Yu'an 1st Road, Bao'an 45 District, Shenzhen

Tel: 18820170917

Fax: 0755-26976277

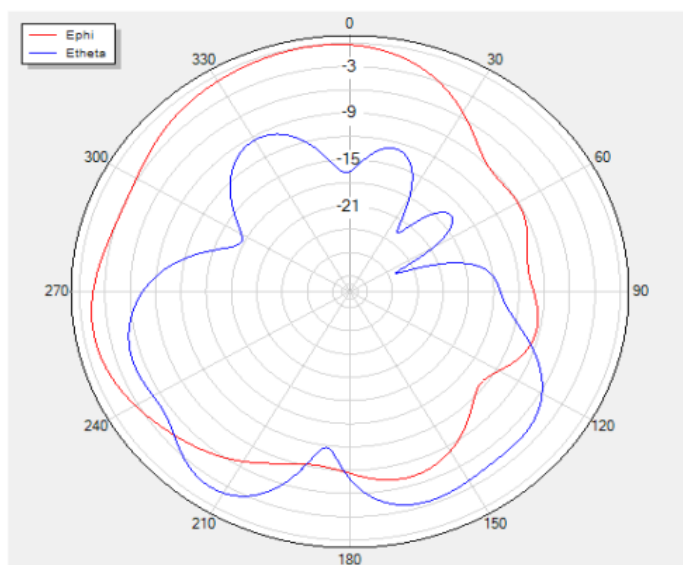
Antenna plate	PCB Antenna
Model name	W16
Antenna gain	1.36dBi
Manufacturers	Guangzhou CHS Electronic Technology Co.,Ltd
Frequency range	2. 4GHZ-2. 5GHZ
Trademark	CHS

1 .antenna dimension (mm)



c, antenna direction

Phi=90 freq=2450MHz



2, antenna specification

Bluetooth mechanical specifiction

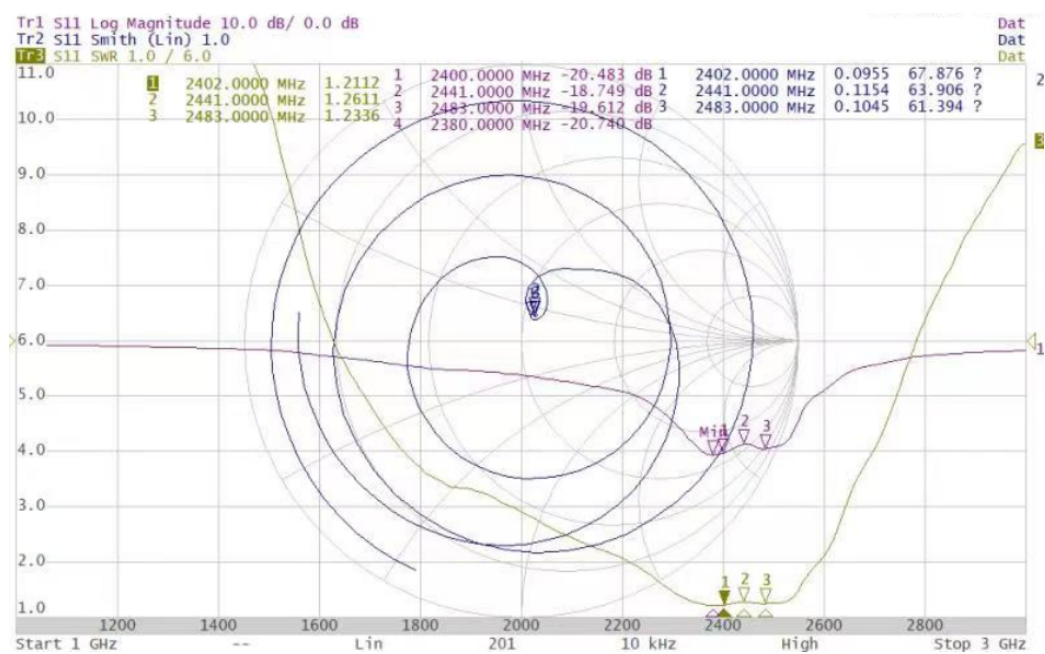
2400-2500MHZ

Electrical specifications	
Frequency range (MHz)	2400-2500
Gain (dBi)	1.36 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

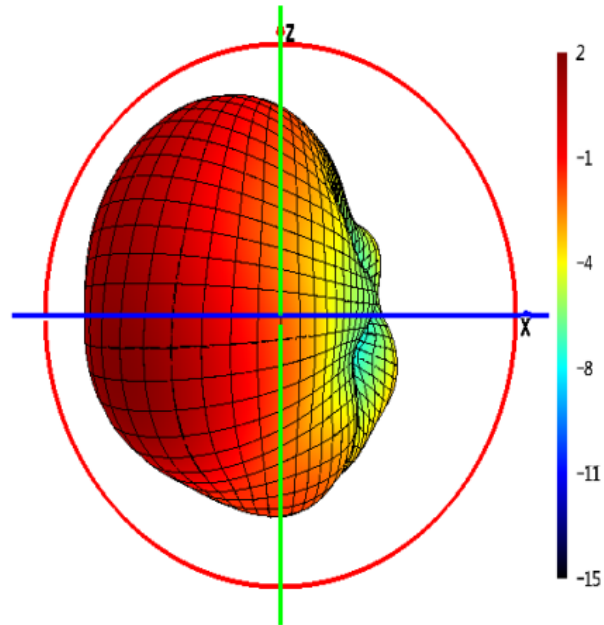
Gain&Efficiency 增益、效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	1.36	-4.27	37.43
2410	0.75	-4.71	33.8
2420	1.12	-4.69	33.93
2430	0.85	-5.01	31.54
2440	0	-5.27	29.72
2450	0.24	-5.32	29.36
2460	0	-5.55	27.88
2470	-0.32	-5.49	28.27
2480	0.03	-5.37	29.02
2490	-0.3	-5.64	27.26
2500	-0.06	-5.34	29.26

4. INSERTION LOSS/RETURN LOSS/VSWR

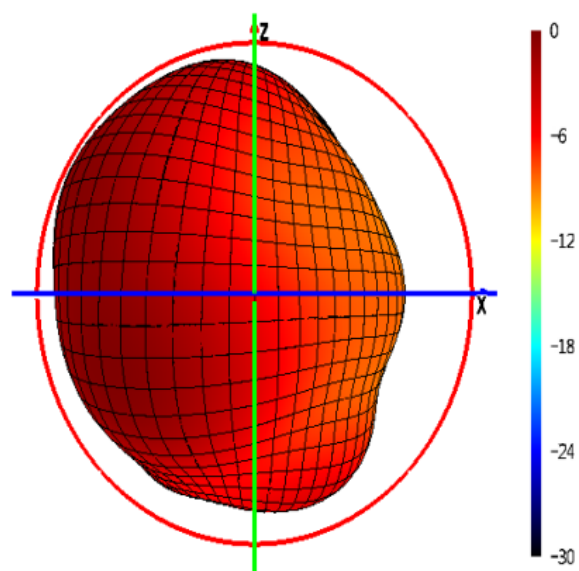


5. 3D Pattern

2400MHZ



2440MHZ



2480MHZ

