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

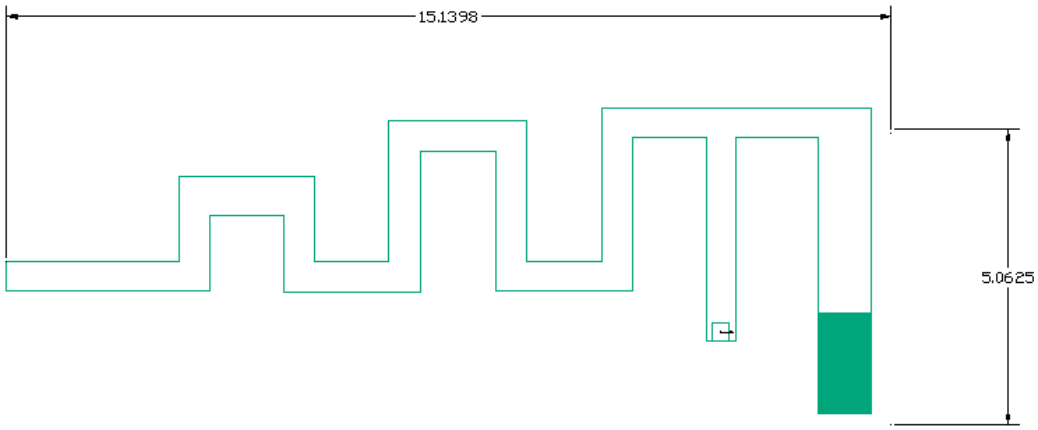
REMARK:Please send us one(or copy)of this approval with stamp after accepting,other copies filed by the customer.

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

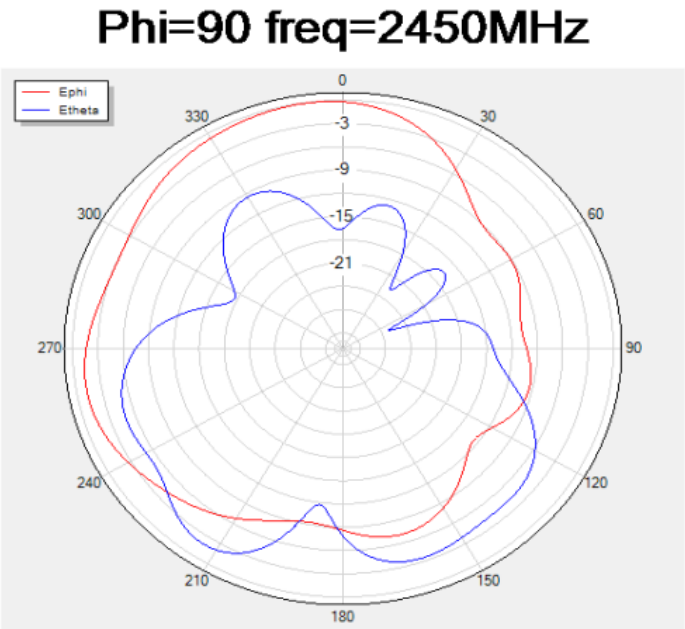
Tel: 18820170917 Fax: 0755-26976277

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



2, antenna specification

Bluetooth mechanical specifiction

2400-2500MHZ

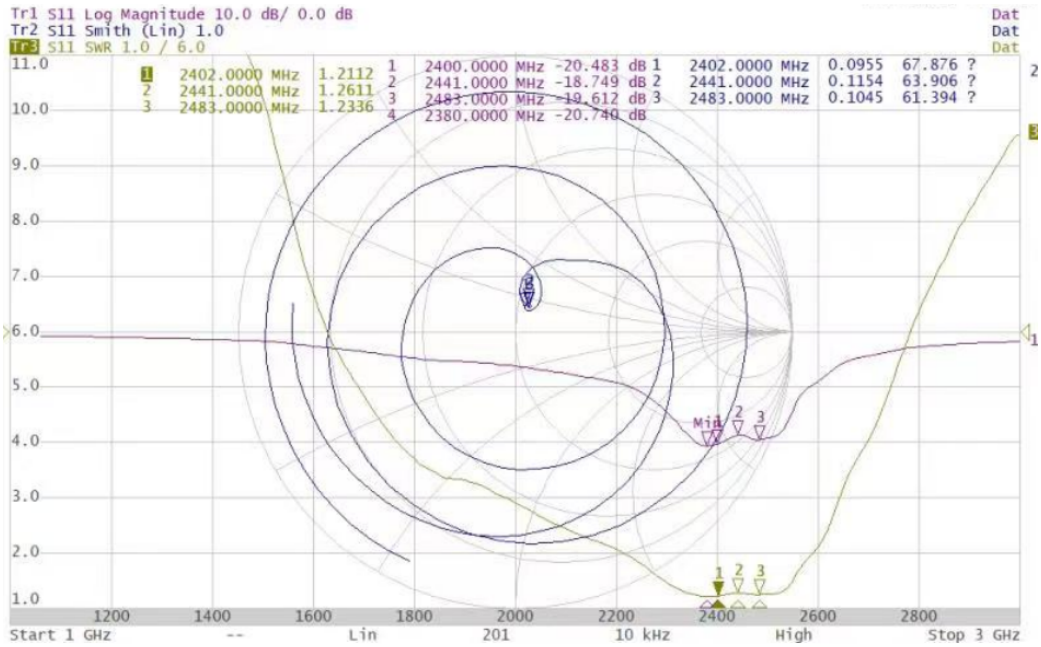
Electrical specifications	
Frequency range（MHz）	**2400-2500**
Gain（dBi）	**1.36 dBi**
Impedance (Ω)	**50**
VSWR	**≤2.0（Center frequency）**

Mechanical specifications	
Operation Temperature (℃)	**-40℃～+85℃**
Humidity (%)	**5~95**

3.Gain

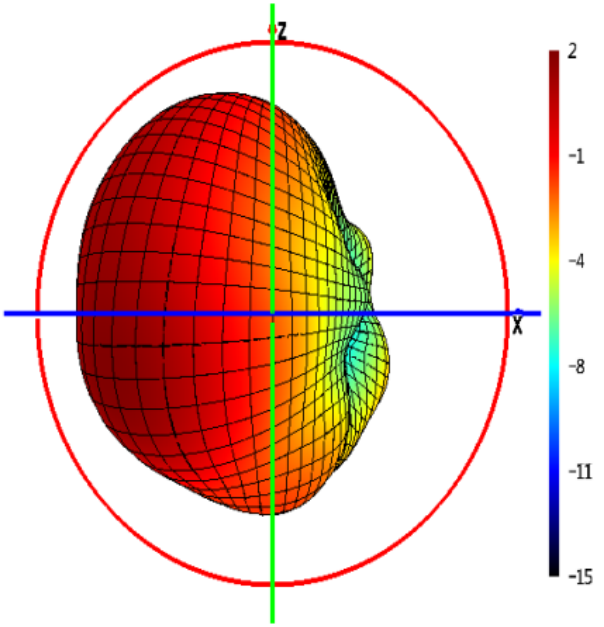
Gain&Efficiency 增益、效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	1.36	-4.27	37.43
2410	0.75	-4.71	33.8
2420	1.12	-4.69	33.93
2430	0.85	-5.01	31.54
2440	0	-5.27	29.72
2450	0.24	-5.32	29.36
2460	0	-5.55	27.88
2470	-0.32	-5.49	28.27
2480	0.03	-5.37	29.02
2490	-0.3	-5.64	27.26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

4. INSERTION LOSS/RETURN LOSS/VSWR

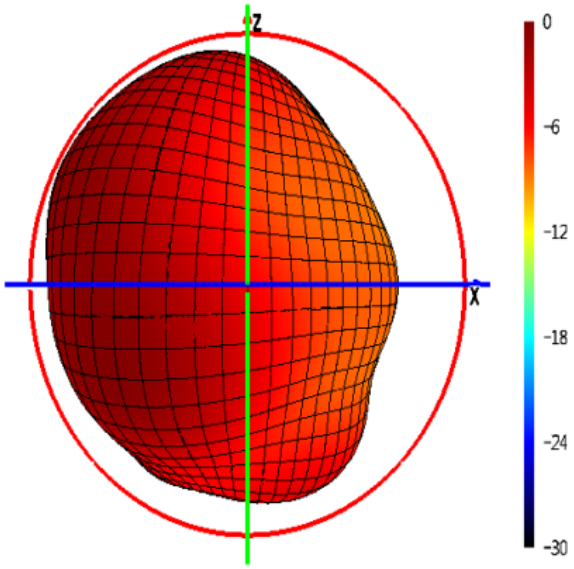
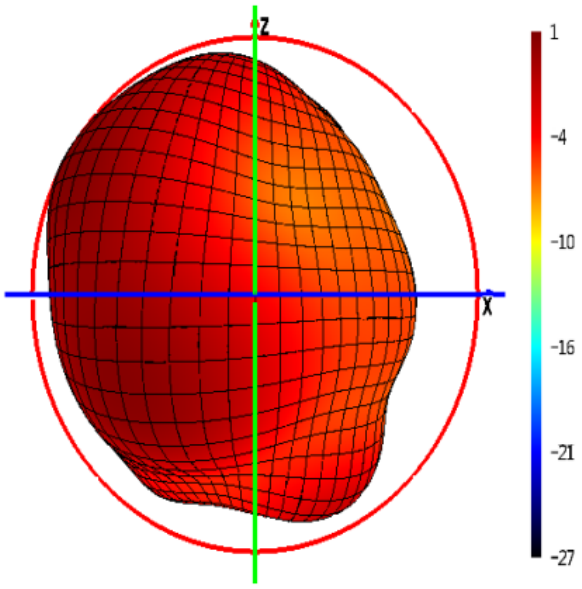


5. 3D Pattern

2400MHZ



2440MHZ



2480MHZ