

Antenna specification

APPROVAL

Customer	逸音	frequency band	2402MHZ~2480MHZ
project name	C133	versions	PCB V1.1
Material number	YF1608H1P2G45	colour	/
Antenna vendor	SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO., LTD		
Vendor address	No. 185, 501, Pingshan Village, No. 2, Lishan Road, Taoyuan Street, Nanshan District, Shenzhen		
Testing By	Shen Zhen Jingxun Technology Co., Ltd		
designed By	Yao Hong guang	Day	2025-01-14
QA Manager By		Day	
Approved By		Day	
Confirmed by Customer		Day	

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1. antenna parameters

Right ear antenna

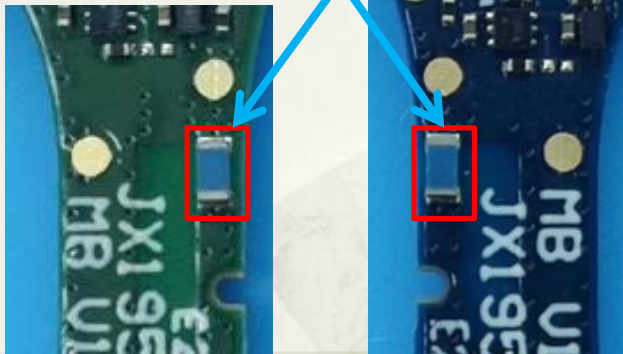
Frequency	2400~2500MHZ
Effi AVG	25.82%
PK Gain	2.03dBi
SWR	<3
Antenna Type	On board Chip ANT
Polarization	Linear Polarization
PART NO	YF1608H1P2G45
Antenna size	1.6x0.8x0.5mm

Left ear antenna

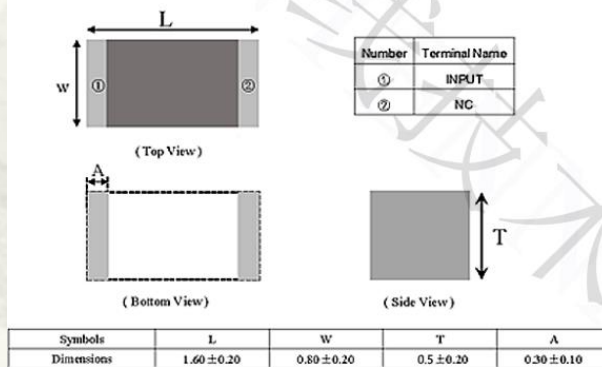
Frequency	2400~2500MHZ
Effi AVG	26.21%
PK Gain	1.44dBi
SWR	<3
Antenna Type	On board Chip ANT
Polarization	Linear Polarization
PART NO	YF1608H1P2G45
Antenna size	1.6x0.8x0.5mm

2. Antenna appearance and dimensions

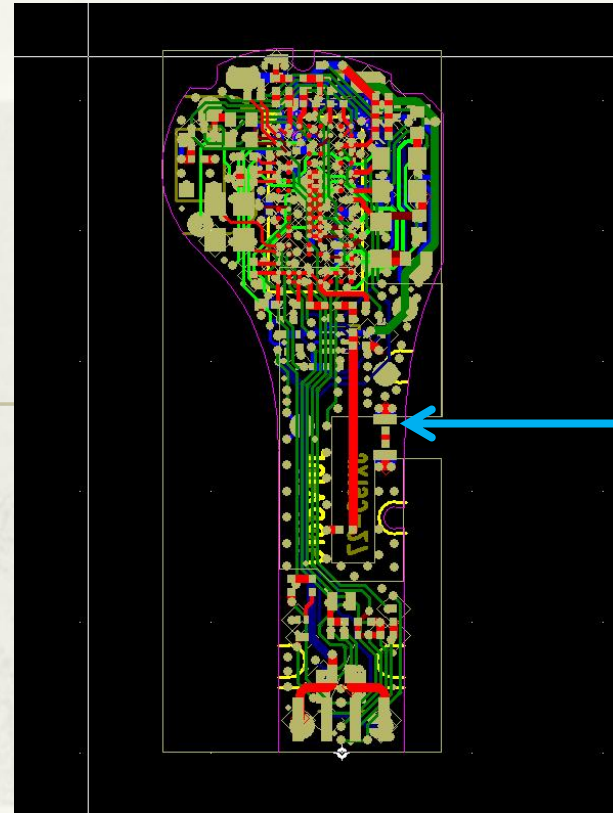
Antenna



Dimensions (Unit: mm)



Antenna size: 1.6x0.8x0.5mm



Antenna location

3. Detailed information about antenna parameters

3.2 Right ear antenna efficiency

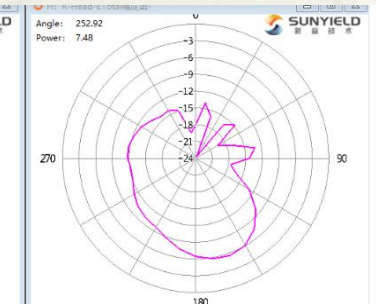
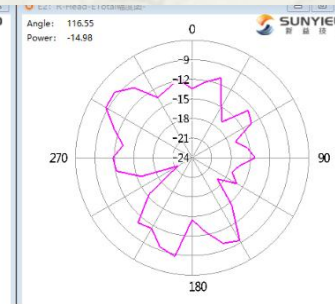
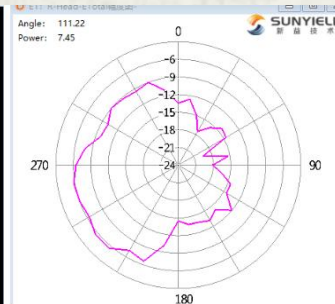
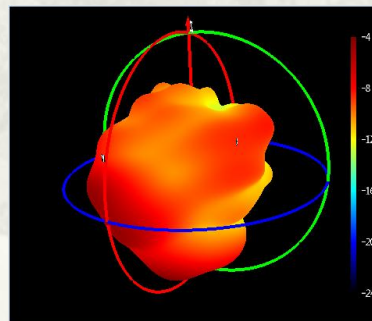
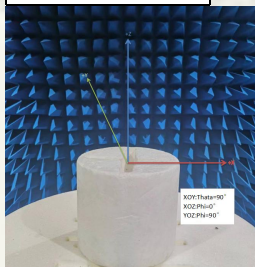
R			
频率(MHz)	增益(dBi)	效率(dB)	效率(%)
2400	0.54	-6.68	21.47
2410	0.92	-6.57	22.01
2420	1.27	-6.52	22.26
2430	1.6	-6.4	22.89
2440	1.83	-6.26	23.64
2450	1.97	-6.09	24.59
2460	2.03	-5.9	25.73
2470	1.97	-5.71	26.83
2480	1.87	-5.52	28.04

S11 Parameters



Antenna pattern:

XOY:Thata=90
 XOZ:Phi=0°
 YOZ:Phi=90°



3. Detailed information about antenna parameters

3.2 Left ear antenna efficiency

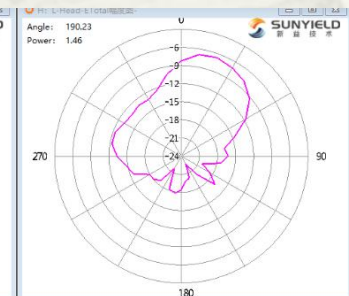
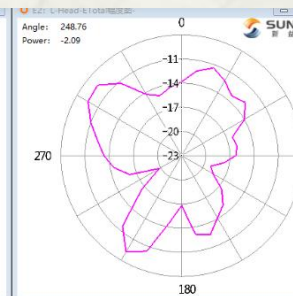
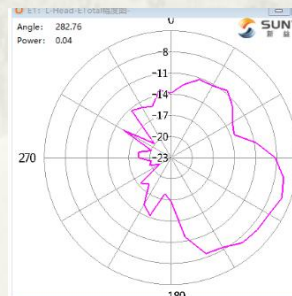
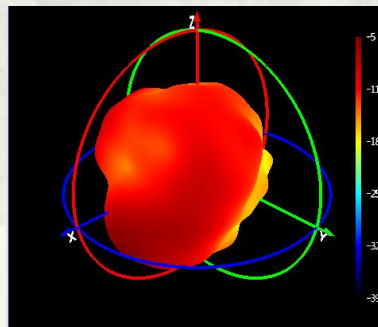
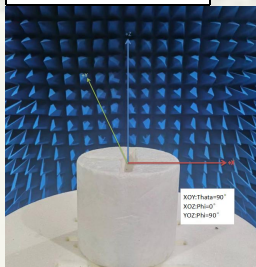
L			
频率(MHz)	增益(dBi)	效率(dB)	效率(%)
2400	1.08	-6.58	21.96
2410	1.08	-6.4	22.93
2420	1.08	-6.21	23.95
2430	1.12	-6.03	24.95
2440	1.11	-5.87	25.86
2450	1.08	-5.78	26.42
2460	1.13	-5.72	26.81
2470	1.24	-5.67	27.1
2480	1.44	-5.67	27.12

S11 Parameters



Antenna pattern:

XOY:Thata=90°
XOZ:Phi=0°
YOZ:Phi=90°





The End