

Antenna specification

APPROVAL

Customer	LCHSE	frequency band	2400MHZ~2500MHZ
project name	23272	versions	PCB V1.4
Material number	ANT03	colour	/
Antenna vendor	Shenzhen Jingxun Technology Co., Ltd		
Vendor address	3rd Floor, Building A5, Nanshan Zhiyuan, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen		
designed By	Yao Hong guang	Day	2024-05-13
QA Manager By		Day	
Approved By		Day	
Confirmed by Customer		Day	

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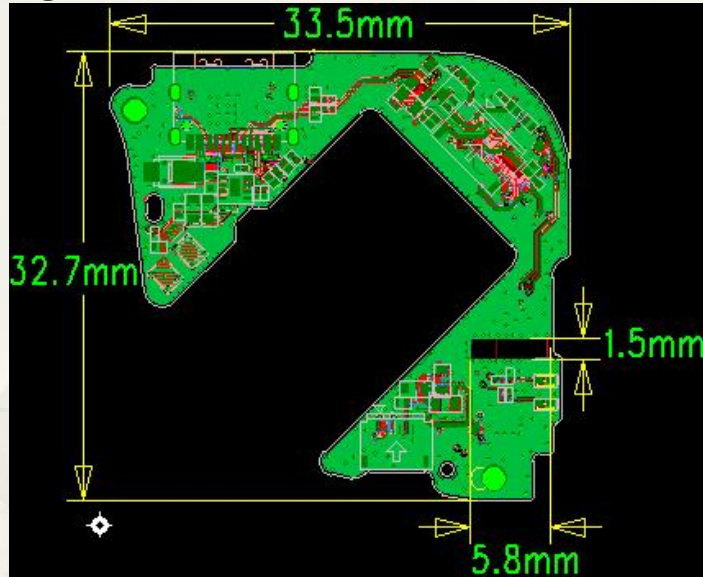
3. Detailed information about antenna parameters

1. antenna parameters

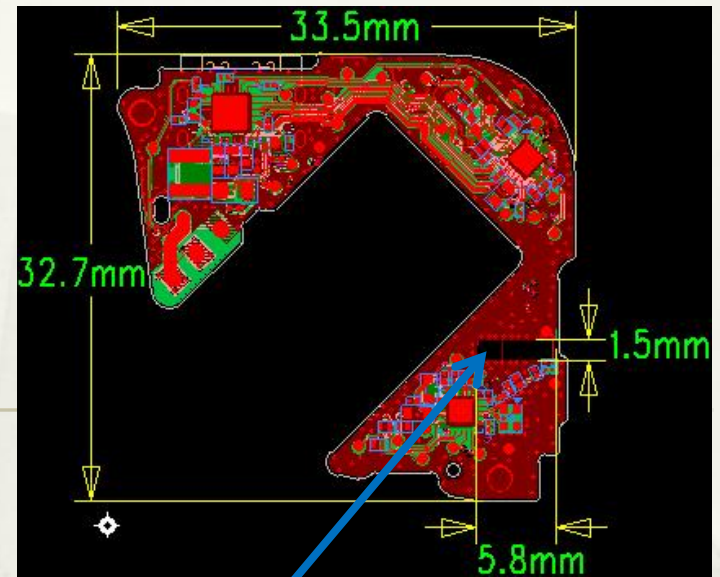
Frequency	2400~2500MHZ
Effi AVG	31.33%
PK Gain	-1.39dBi
SWR	<3
Antenna Type	slot antenna
PART NO	ANT03
Antenna size	5.8 x 1.5mm

2. Antenna appearance and dimensions

TOP



BOTTOM



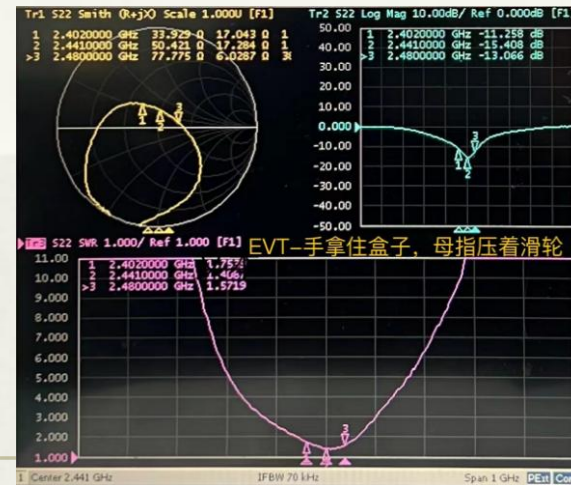
Antenna size: 5.8 x 1.5mm

3. Detailed information about antenna parameters

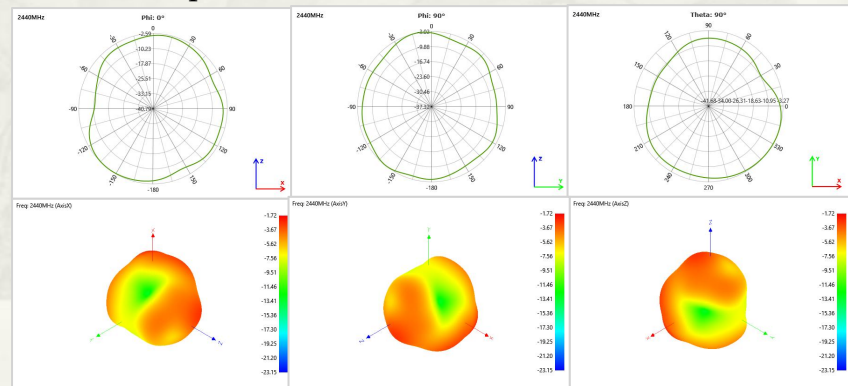
Antenna Efficiency

Free space			
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain(dBi)
2400	34.21	-4.66	-1.91
2410	34.65	-4.6	-1.85
2420	34.16	-4.67	-1.95
2430	33.02	-4.81	-1.99
2440	32.48	-4.88	-1.72
2450	32.04	-4.94	-1.42
2460	30.91	-5.1	-1.42
2470	30.09	-5.22	-1.39
2480	28.82	-5.4	-1.44
2490	27.58	-5.59	-1.53
2500	26.64	-5.74	-1.54
AVG	31.33	-5.06	-1.65

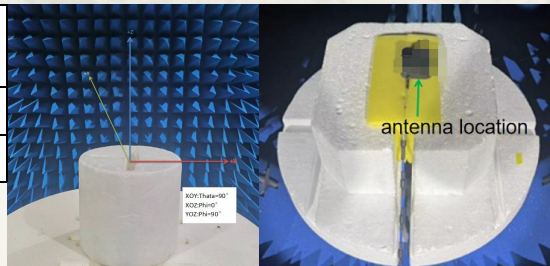
S11 Parameters



Antenna pattern:



XOY: Theta=90°
 XOZ: Phi=0°
 YOZ: Phi=90°





The End