

Antenna specification

APPROVAL

Customer		frequency band	2400MHZ~2500MHZ
project name	25211	versions	PCB V1.3
Material number	ANT13	colour	/
Antenna vendor	Shenzhen Jingxun Technology Co., Ltd.		
Vendor address	3rd Floor, Building A5, Nanshan Zhiyuan, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong, China		
designed By	Yao Hong guang	Day	2026-04-06
QA Manager By		Day	
Approved By		Day	
Confirmed by Customer		Day	

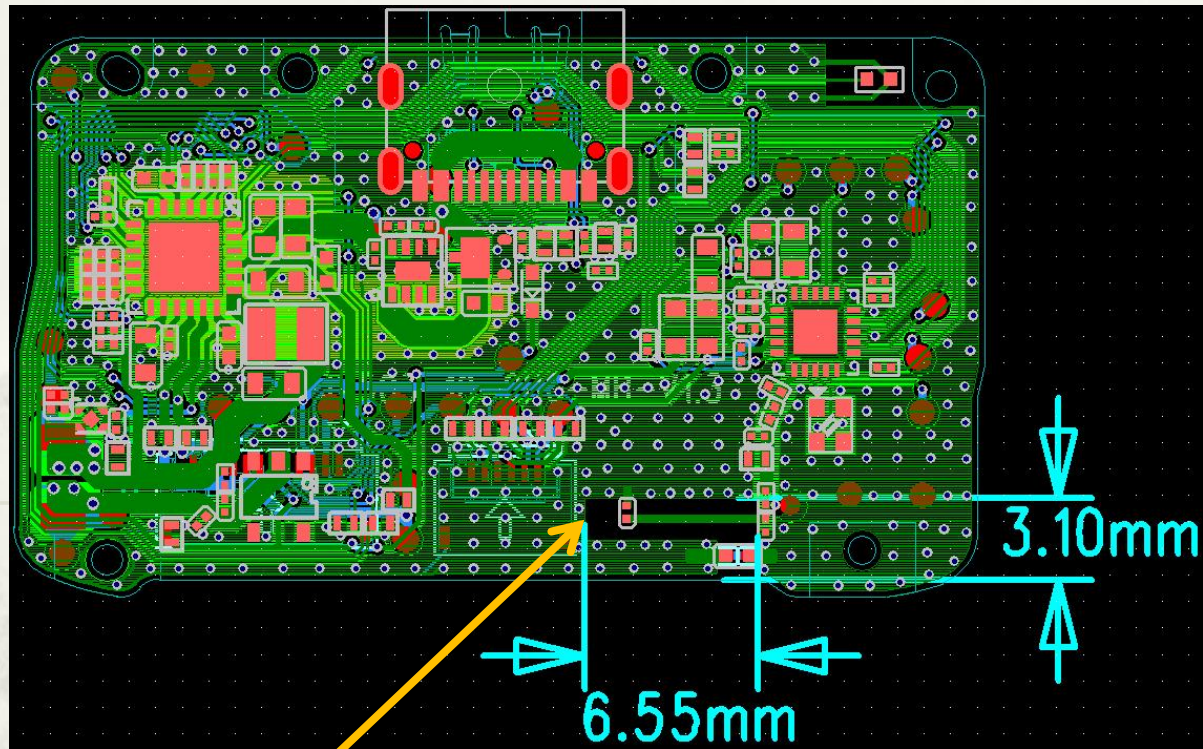
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1. antenna parameters

Frequency	2400~2500MHZ
Effi AVG	39.09%
PK Gain	1.08dBi
SWR	<3
Antenna Type	slot antenna
PART NO	ANT13
Antenna size	6.55 x 3.10mm

2. Antenna appearance and dimensions



Antenna location

Antenna size: 6.55 x 3.10mm

3. Detailed information about antenna parameters

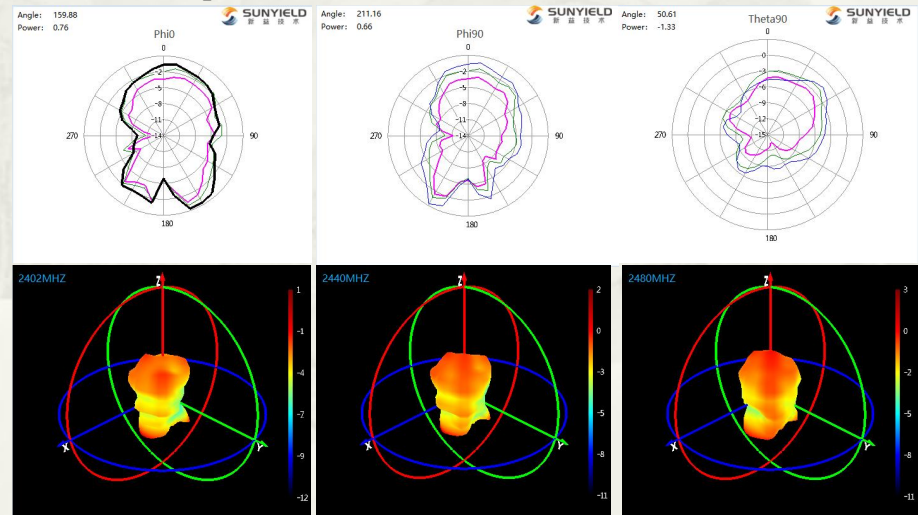
Antenna Efficiency

Free space			
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain(dBi)
2400	36.06	-4.43	0.56
2410	38.29	-4.17	0.78
2420	40.19	-3.96	1.02
2430	41.52	-3.82	1.01
2440	42.44	-3.72	1.05
2450	42.88	-3.68	1.08
2460	40.78	-3.9	1.02
2470	38.62	-4.13	0.96
2480	37.2	-4.29	0.81
2490	36.21	-4.41	0.66
2500	35.33	-4.52	0.57
AVG	39.05	-4.09	0.87

S11 Parameters



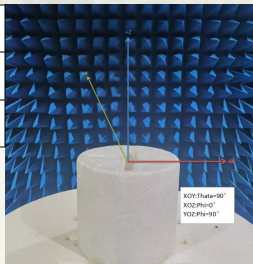
Antenna pattern:



XOY:Thata=90°

XOZ:Phi=0°

YOZ:Phi=90°





The End