

Bluetooth antenna specifications

# 蓝牙天线规格

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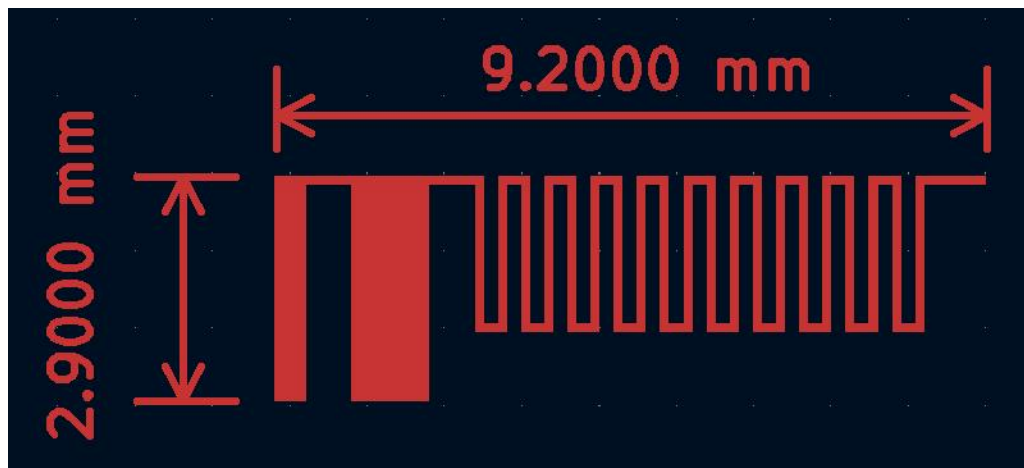
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上海芯感微电子科技有限公司

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## 1 : Antenna Description

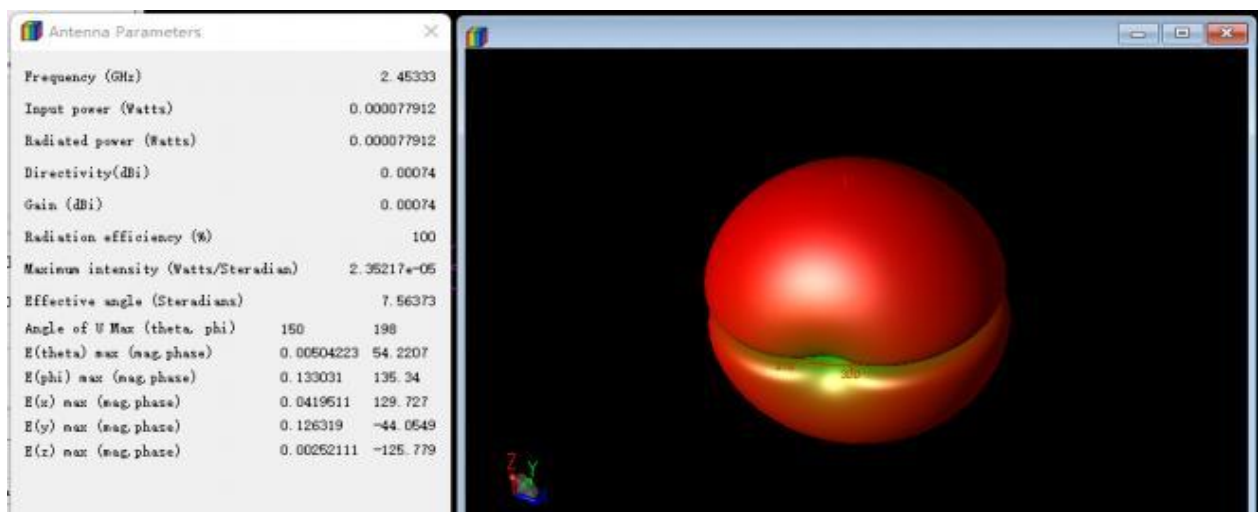
Antenna Type	Microstrip Antenna
Antenna peak gain	0dBi
Frequency range	2.402GHz~2.480GHz
Connect type	Simulation

## 2 : Antenna picture on the PCB board



## 3 : Antenna radiation of 3D polar

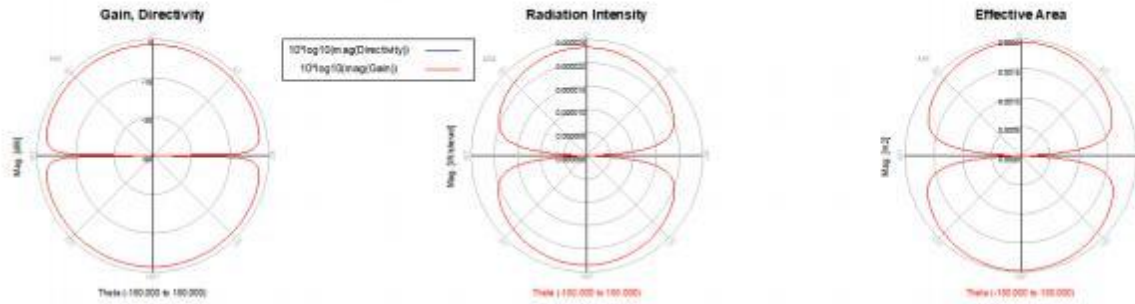
Solution frequency at 2.453G

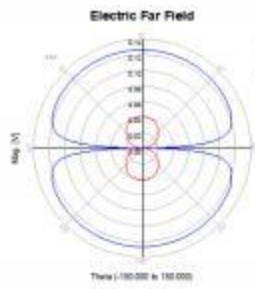


### 3 : Antenne radiation pattern

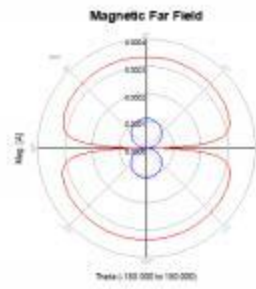
Dataset: emFar - Sep 19, 2022

Frequency	E_max	Theta_max	Phi_max	Directivity_max	Gain_max	RadiatedPower	InputPower	Efficiency	CutType	CutAngle
2.453E9	0.133	150.000	198.000	0.000	0.000	0.779E-4	0.779E-4	1.000	PH	0.000

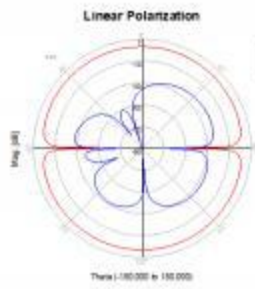
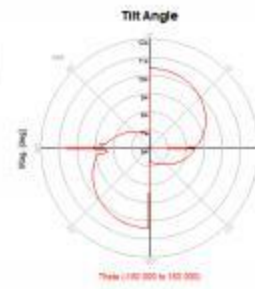




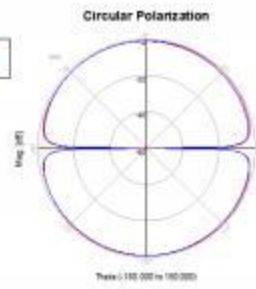
mag(theta)  
mag(phi)



mag(theta)  
mag(phi)



dBEcoE\_max  
dBEcrossE\_max



dBEhpE\_max  
dBEhpE\_min

