



芯海科技
CHIPSEA

蓝牙天线规格

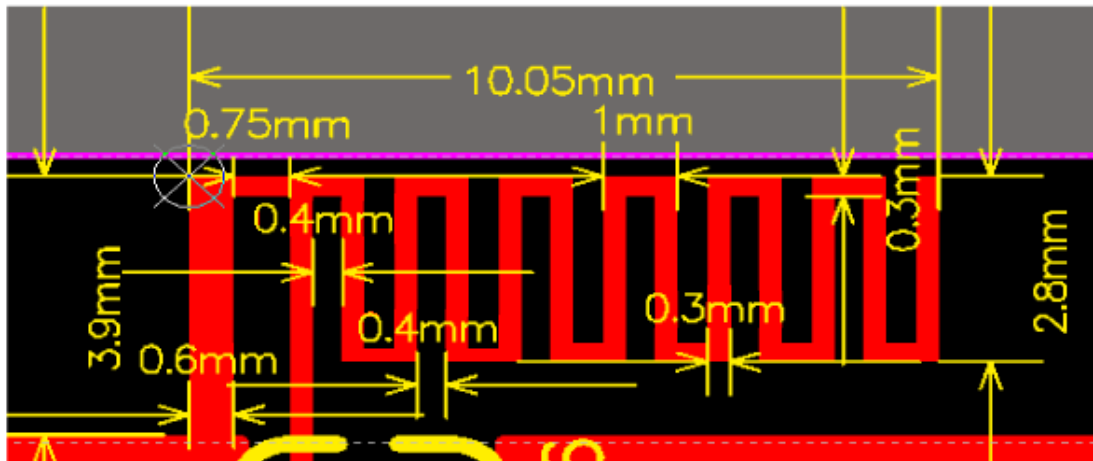
深圳市芯海科技有限公司

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1: Antenna Description

Antenna Type	Microtrip Antenna
Antenna peak gain	1.77dBi
Frequency range	2.402GHz~2.480GHz
Connect type	Direct Connect

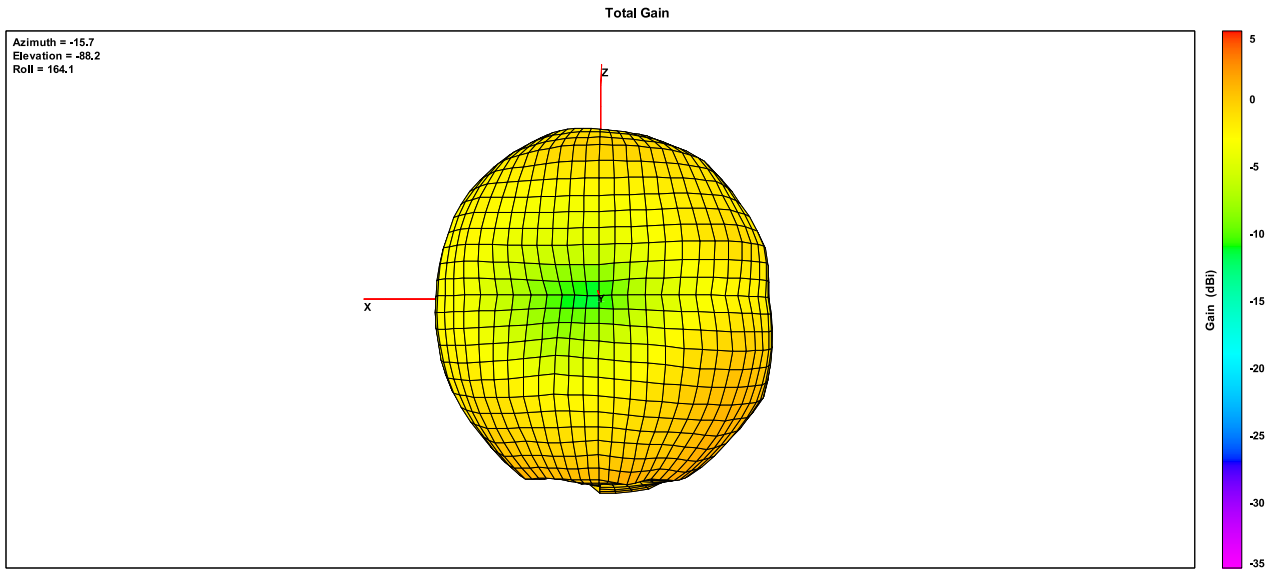
2: Antenna picture on the PCB board



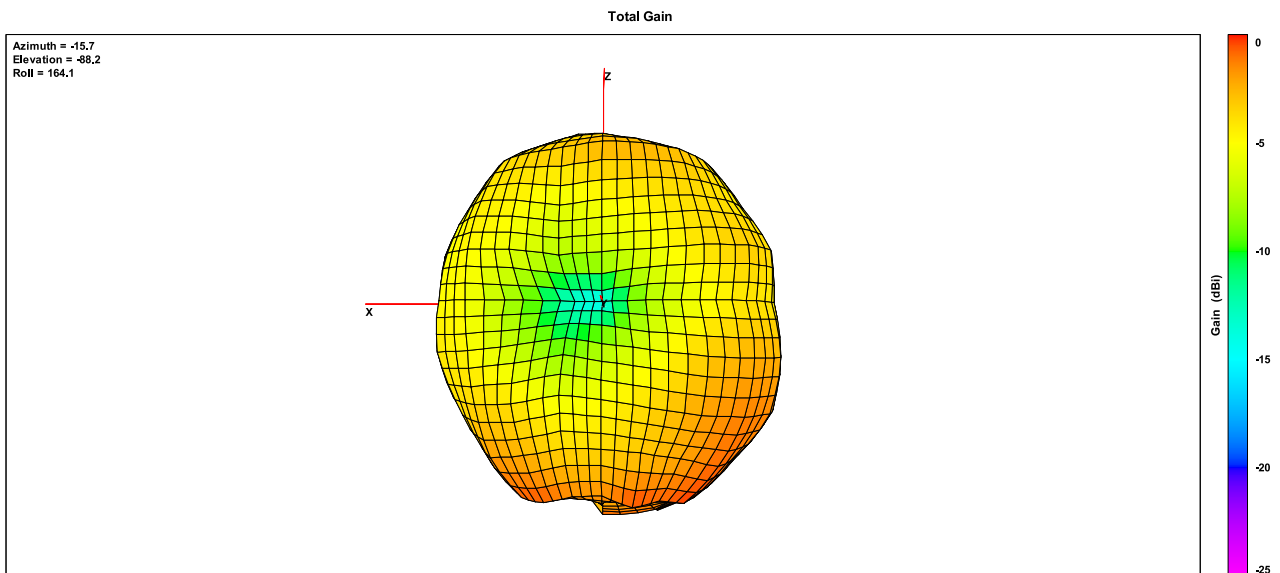
3: Antenna peak gain

频率 (MHz)	增益 (dBi)
2400	1.77
2410	1.51
2420	1.19
2430	0.82
2440	0.33
2450	-0.11
2460	-0.67
2470	-1.16
2480	-1.57
2490	-2.25
2500	-2.92

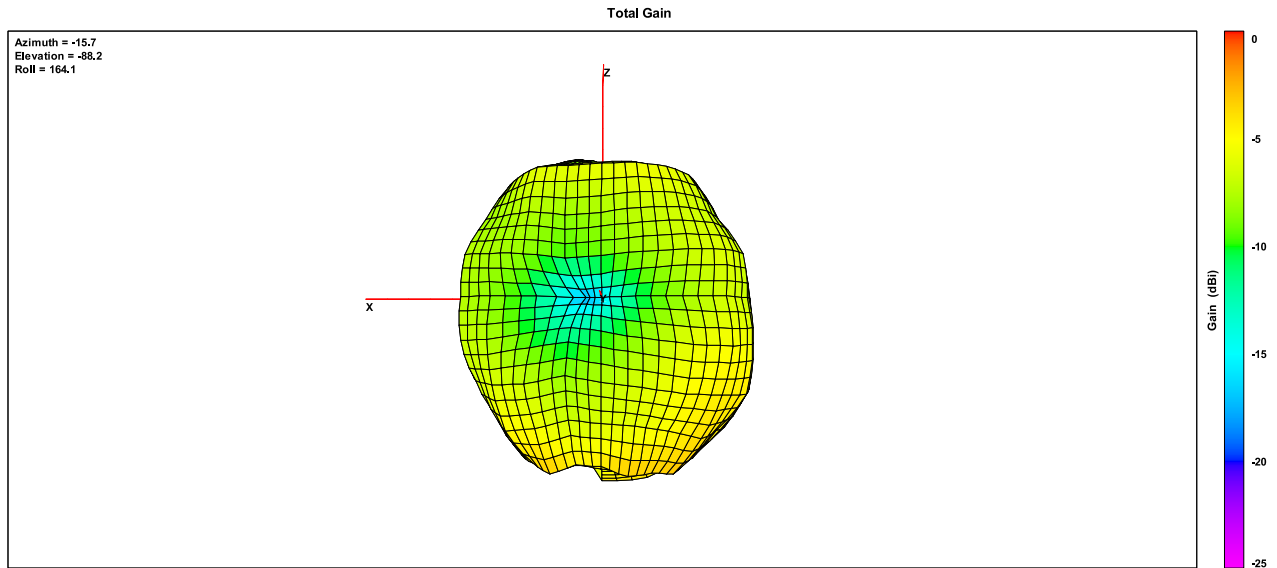
4: Antenna radiation of 3D polar



2400MHz

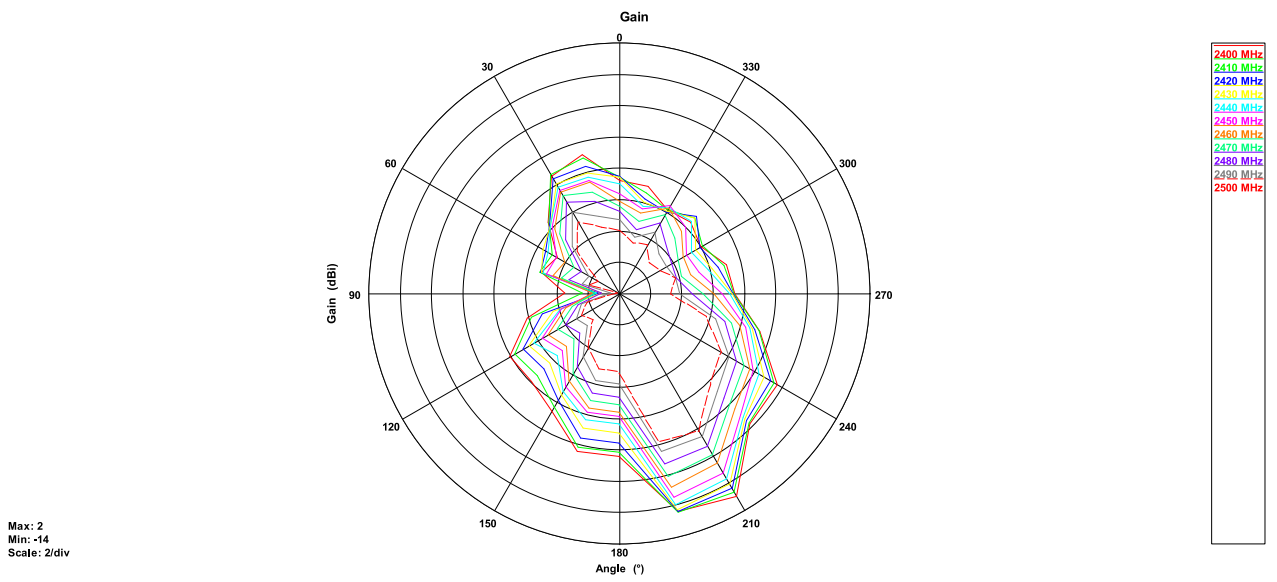


2450MHz

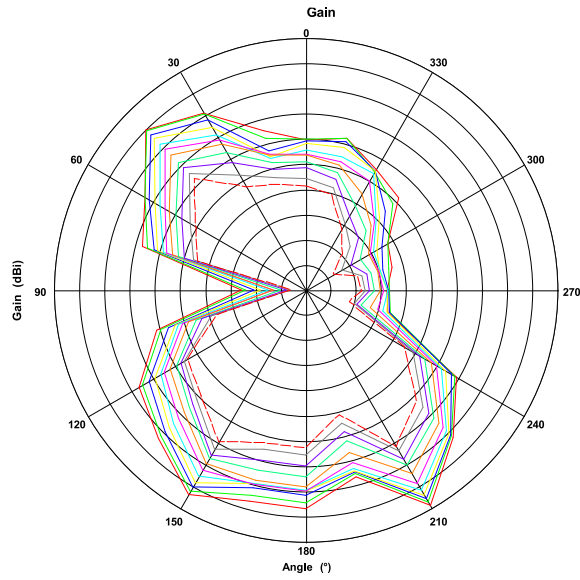


2500MHz

b) 2D 图



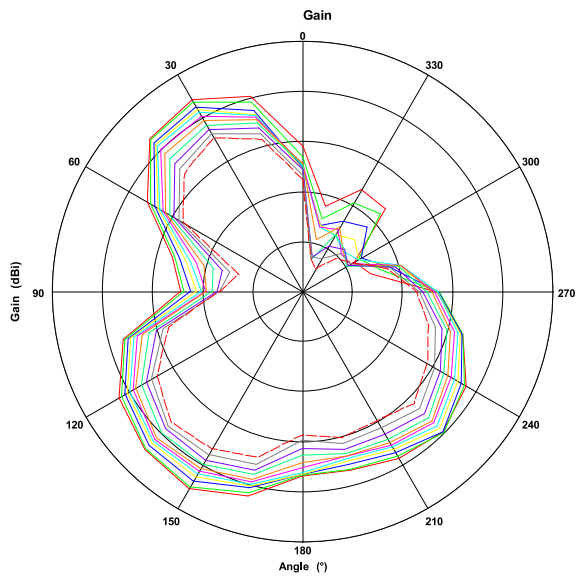
Phi=0°



Max: 2
Min: -18
Scale: 2/div

2400 MHz
2410 MHz
2420 MHz
2430 MHz
2440 MHz
2450 MHz
2460 MHz
2470 MHz
2480 MHz
2490 MHz
2500 MHz

Phi=90°



Max: 0
Min: -25
Scale: 5/div

2400 MHz
2410 MHz
2420 MHz
2430 MHz
2440 MHz
2450 MHz
2460 MHz
2470 MHz
2480 MHz
2490 MHz
2500 MHz

Theta=90°