

# ANTENNA DATA SHEET

Product Name: 2.4G FPC Antenna

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Model Number: UB01NF1D897A

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Manufacturer Name: Dongguan Youbi Electronics Co., Ltd

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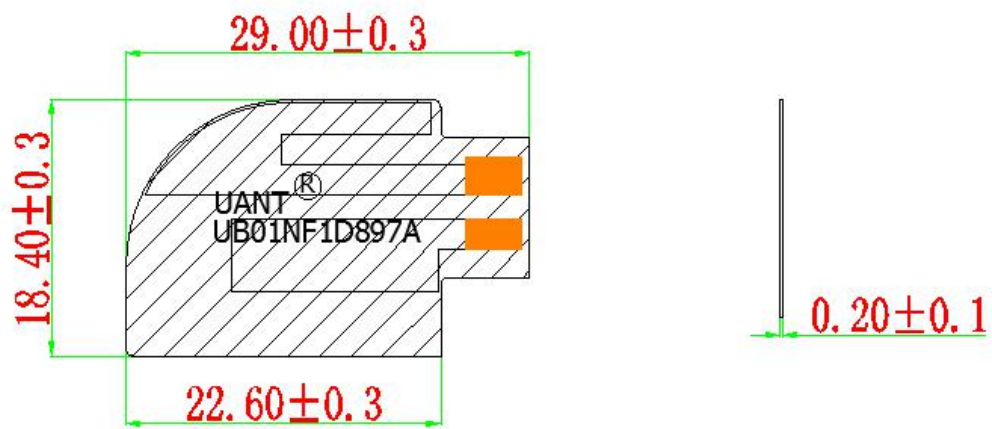
Address: Building 79, New Sun Industrial City, Lincun  
Community, Tangxia Town, Dongguan City

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## 1.Specifications:

Design Specifications	Typical
天线类型 (Antenna Type)	FPC Antenna
工作频率 (Working Frequency)	2400-2500MHz
最大增益 (Peak Gain)	1.99 dBi
平均效率 (Average Efficiency)	48.5%
电压驻波比 (VSWR)	<3
极化方式 (Polarization)	Linear polarization
轴比 (Axial Ratio)	\
辐射方向 (Radiation pattern)	Omnidirectional
馈电阻抗 (impedance)	50 ohm
功率容量 (Power handling)	1W
天线接口 (Interface)	DIP
天线尺寸 (Overall dimensions)	29.0*18.4mm
重量 (Weight)	\
工作温度 (Operatin Temp)	-20°C~+70°C
储存温度 (Storing Temp)	-20°C~+70°C

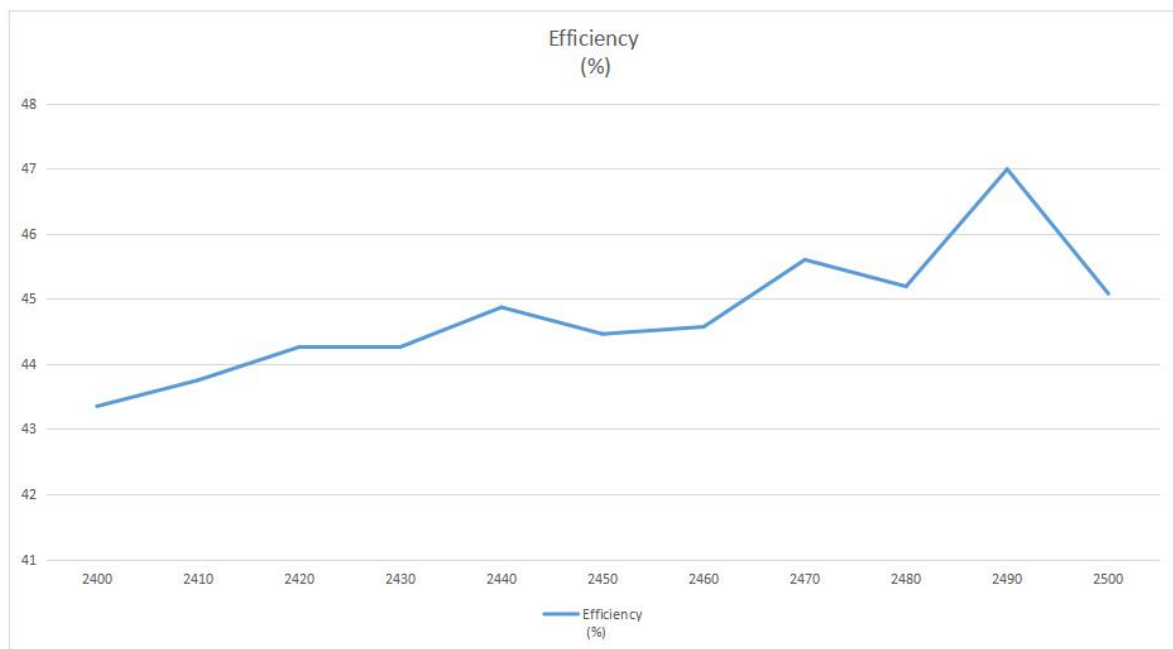
## 2. Dimensions:



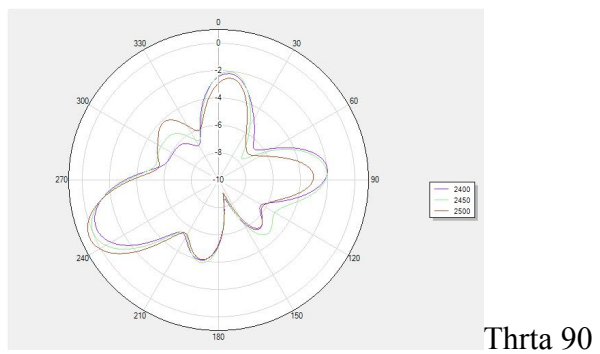
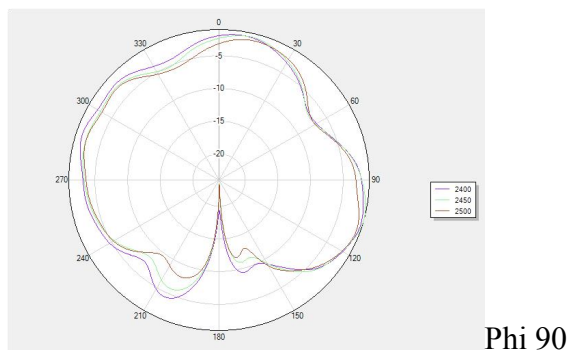
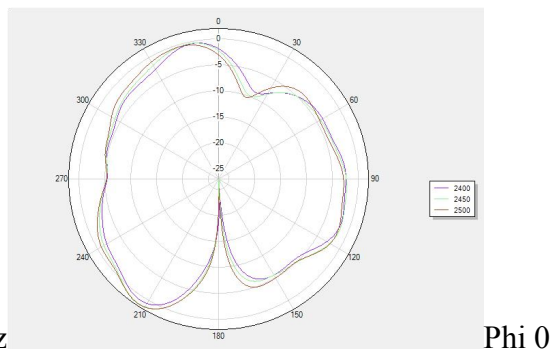
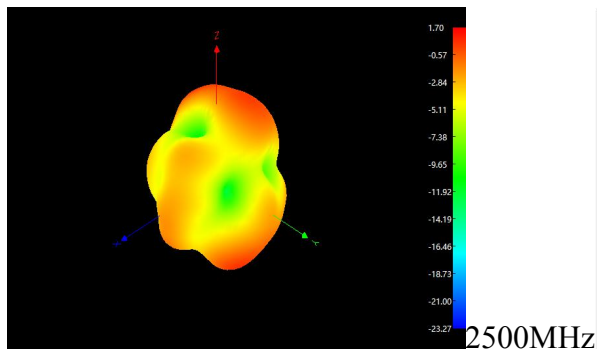
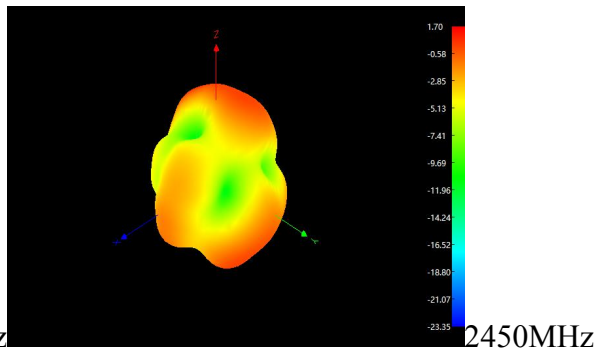
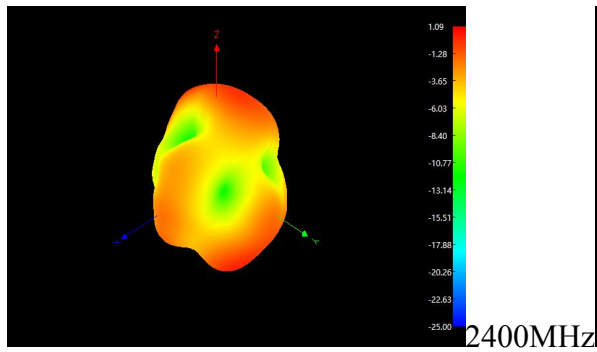
Unit: mm

### 3. Antenna Gain&Efficiency:

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
2400	-3.63	43.35	1.09
2410	-3.59	43.75	1.13
2420	-3.54	44.26	1.48
2430	-3.54	44.26	1.6
2440	-3.48	44.87	1.68
2450	-3.52	44.46	1.7
2460	-3.51	44.57	1.79
2470	-3.41	45.6	1.99
2480	-3.45	45.19	1.71
2490	-3.28	46.99	1.91
2500	-3.46	45.08	1.7



# 4. 2D、3D Raditation Pattern



# 5. Antenna installation Location

