

产品规格书

PRODUCT SPECIFICATION

Customer:

Customer's part number:

Product description: Welding 2.4G Transceiver Antenna

Uni Link's part number: Panchip_2400_Neg1B

Issue Date: 2025-07-01

Note: 2400-2500MHz, Welding

Customer Use		Customer's authorized signature	Remarks
Full approved			
Conditional approved			
Rejected			

1、产品技术指标（PRODUCT TECHNICAL SPECIFICATION）

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500
频带宽度 Bandwidth (MHz)	100
输入阻抗 Input Impedence (Ω)	50
电压驻波比 V.S.W.R	≤2
增益 Gain (dBi)	0dBi
极化形式 Polarization Type	垂直 Vertical
雷电保护 Lightning Protection	交流接地

功率容量 Power Capacity (w)	0.5
机械指标 Mechanical Specifications	
天线长度 Antenna Length (mm)	Ø0.5
辐射体 Radiator	铜 Cu
连接器型号 Connect Type	
工作温度 Working Temp(□)	-40~65
储藏温度 Storage Temperature(□)	-40~80
颜色 Color	黑色 Black, 白色 White
重量 Weight (g)	0.5

产品简介

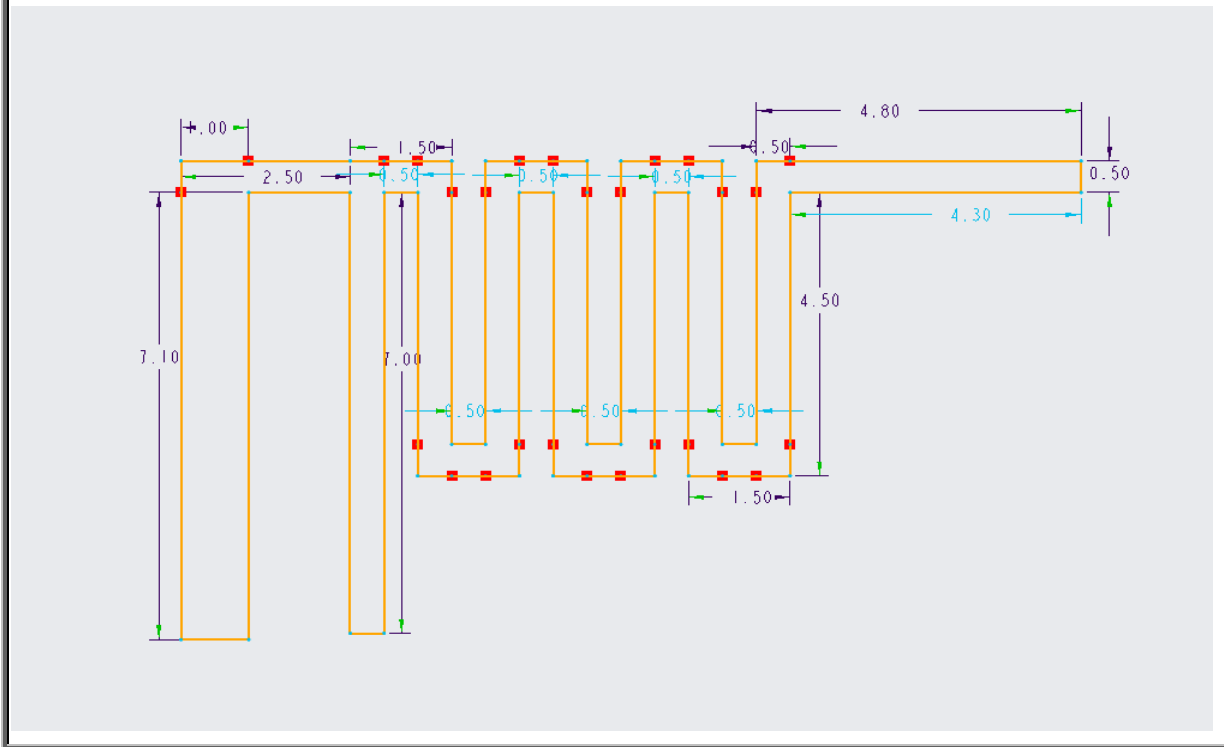
该天线是专为四驱动飞碟设计生产的，天线具有性价比高，结构小巧，生产方便的优点。

2、产品图片（PRODUCT PICTURE）



3、产品规格图(PRODUCT SPECIFICATION CHART)

单位: mm 比例: (图例: 实物)



Test Equipment & Conditions

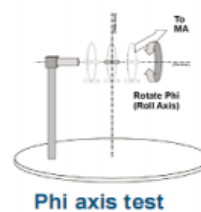
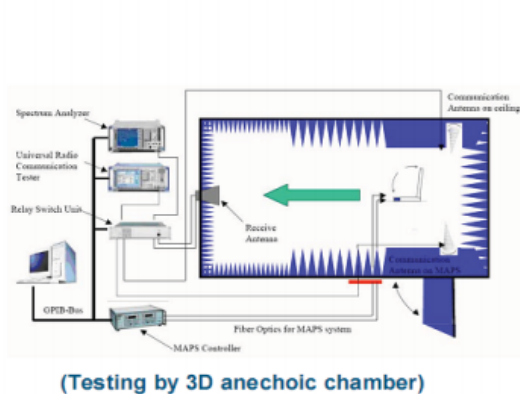
1. Network Analyzers :

Agilent 8753D 5071B

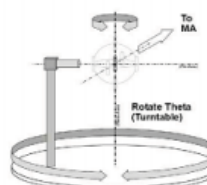
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test



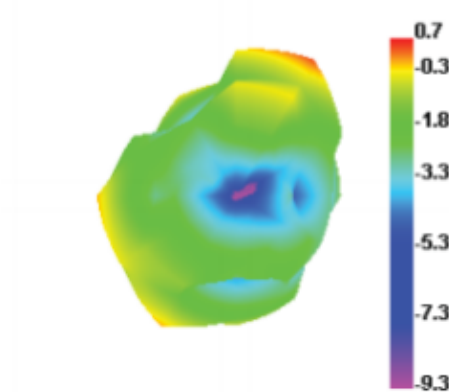
Theta axis test

Efficiency & Gain

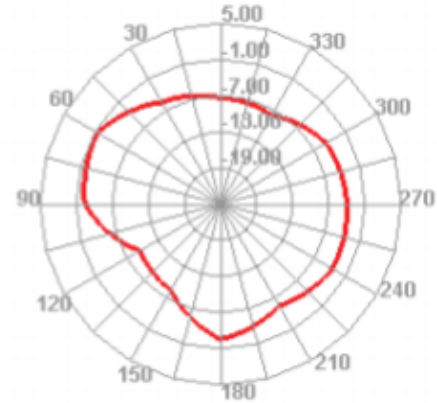
Freq (MHz)	Effi (%)	Gain (dBi)
2400	23.88	-1.03
2450	20.24	-0.00
2500	25.73	-0.46

Radiation pattern

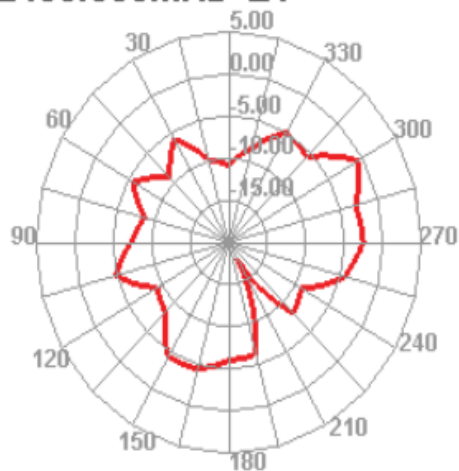
2400.000MHz



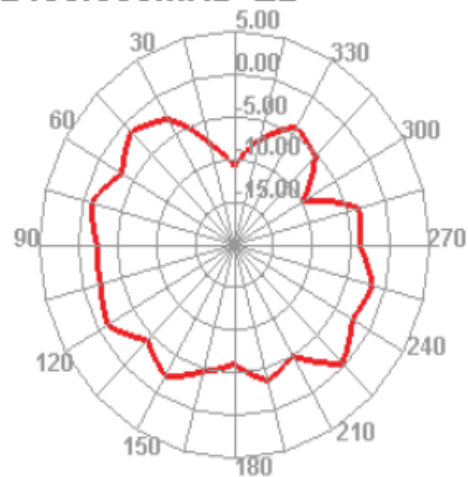
2400.000MHz H



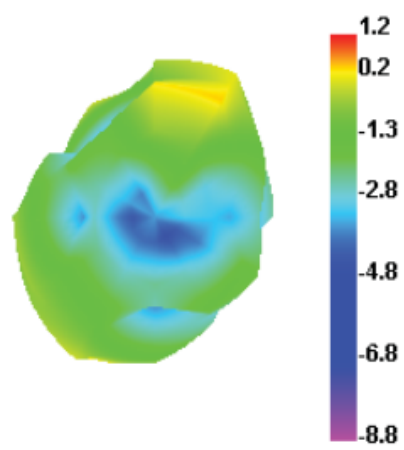
2400.000MHz E1



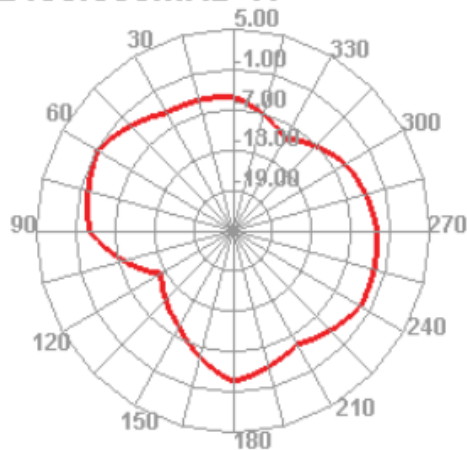
2400.000MHz E2



2450.000MHz



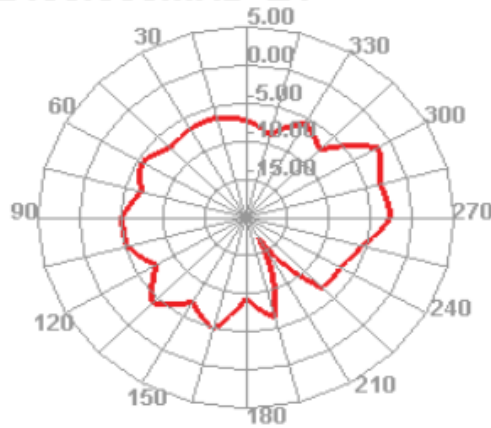
2450.000MHz H



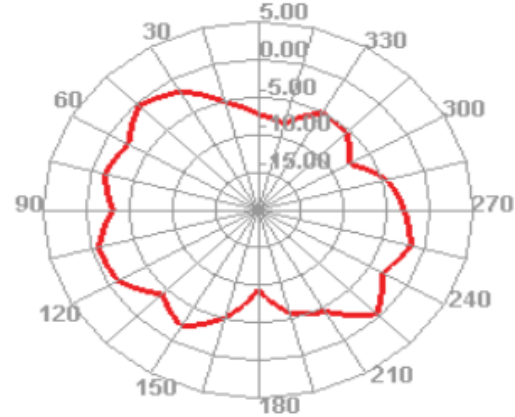
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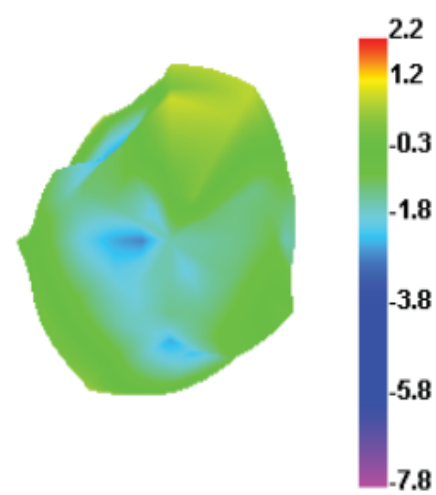
2450.000MHz E1



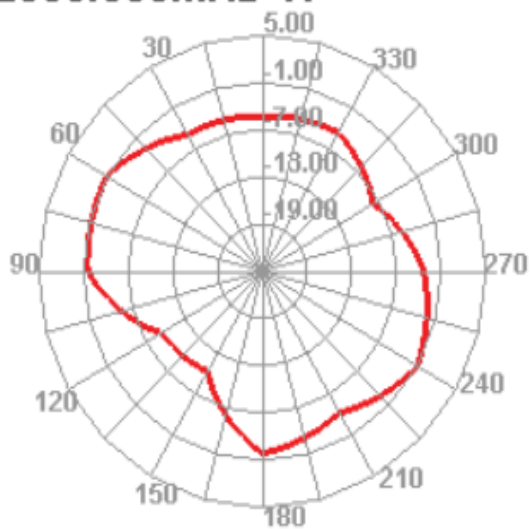
2450.000MHz E2



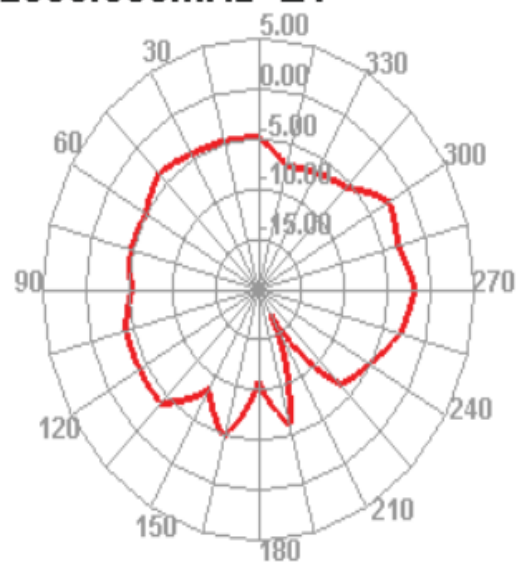
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

