

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4G-Copper tube antenna+IPEX,L=130mm

客 户 料 号

CUSTOMER P/N:

电子料号

P/N: 11000085

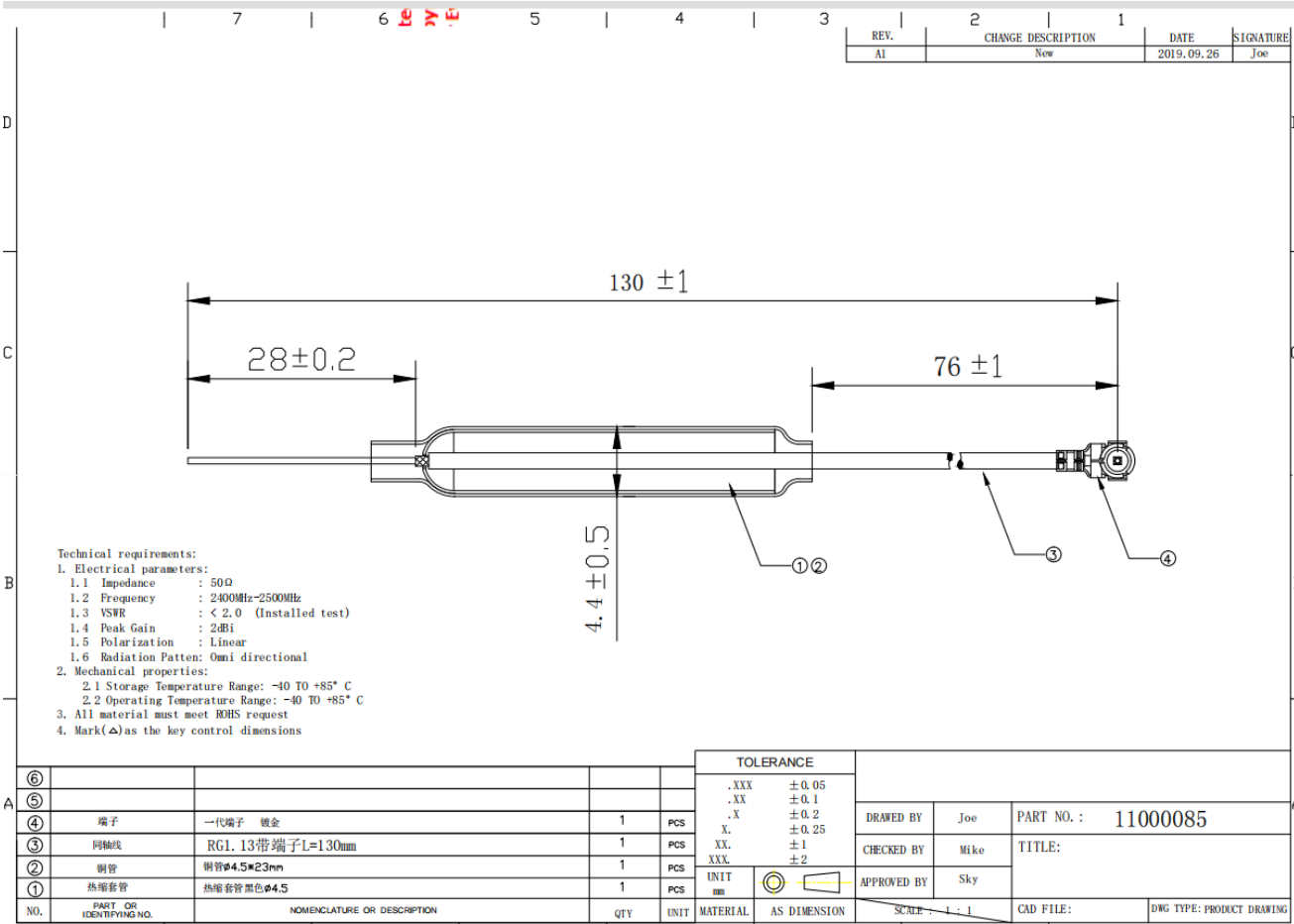
REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2021/4/30	

Specification sheet:
Product main technical parameters

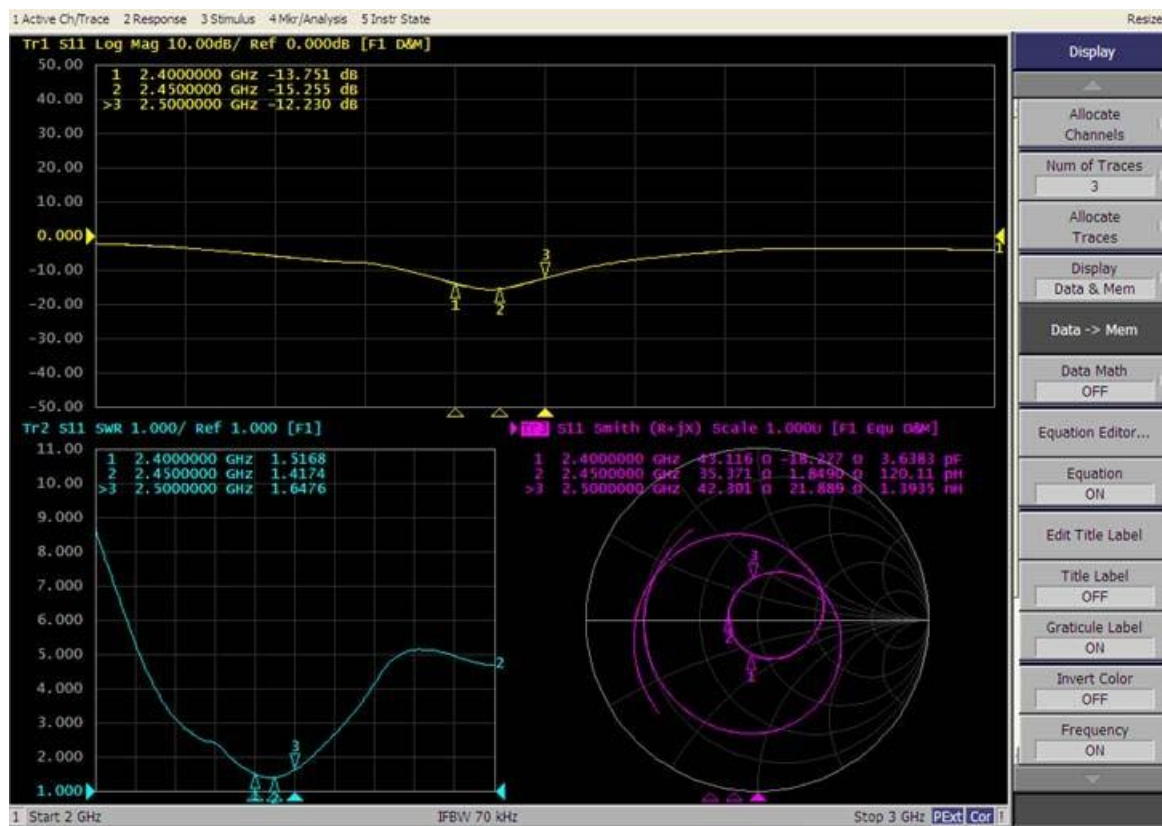
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400~2500	Frequency Range (MHZ)	2400~2500
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	2 ± 0.5	Gain(dBi)	2 ± 0.5
输出电压 驻波比	≤ 1.92	VSWR	≤ 1.92
最大功率	10W	Admitted Power	10W
极化方式	垂直极化	Polarization	Linear, Vertical
连接方式	同轴线+IPEX	Connector Type	RF Cable+IPEX
物理性能		Physical Properties	
天线本体材料	黄铜	Antenna Base	黄铜
工作温度	$-20^{\circ}\text{C}\sim+65^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C}\sim+65^{\circ}\text{C}$
保存温度	$-30^{\circ}\text{C}\sim+75^{\circ}\text{C}$	Storage Temp	$-30^{\circ}\text{C}\sim+75^{\circ}\text{C}$

Finished product drawing:



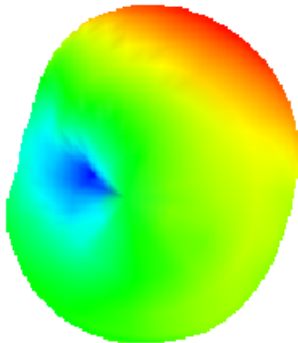
Test report

Network analyzer test report



Darkroom 2D, 3DRaditation Pattern(machine data)

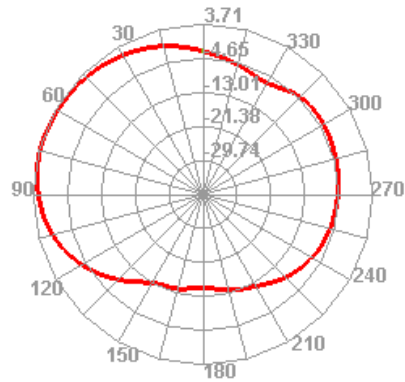
2400.000MHz



2.4GHz

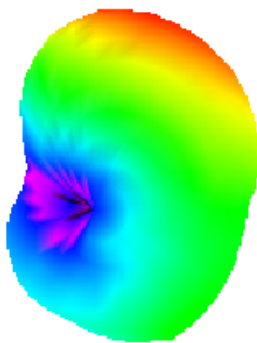
Gain: 2.12dBi

2400.000MHz H



Efficiency:53.12%

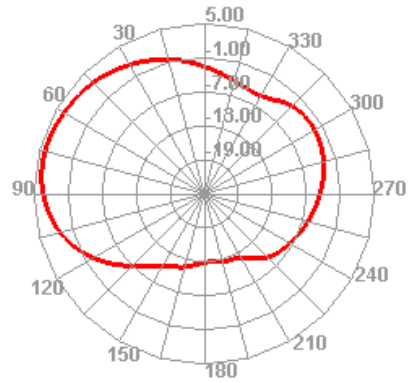
2450.000MHz



2.45GHz

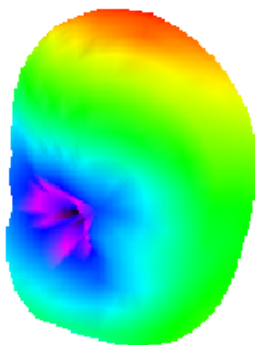
Gain: 2.31dBi

2450.000MHz H



Efficiency: 55.47%

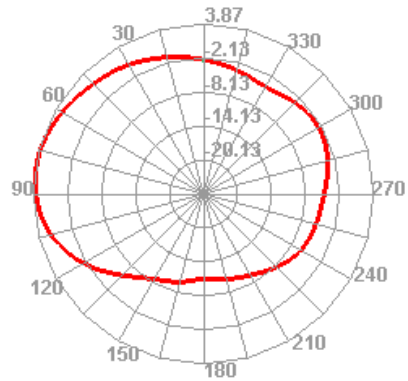
2500.000MHz



2.5GHz

Gain:2.25dBi

2500.000MHz H



Efficiency: 54.15%

