

Antenna Test Report (Passive-BW)

欧讯

Date: _____

2026/3/2

小S外置天线

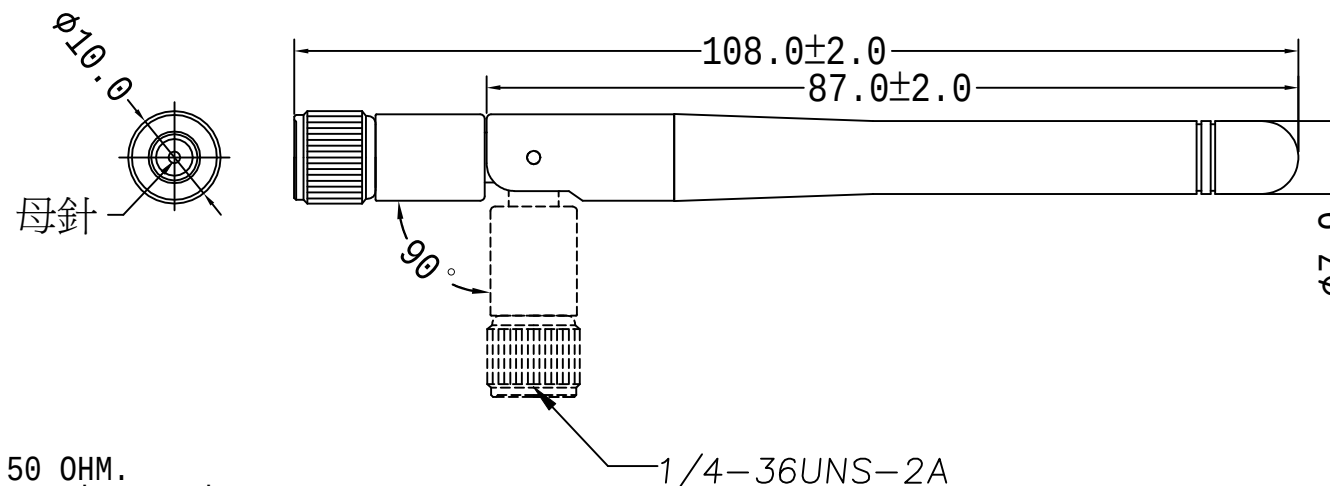
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Comments

This antenna is good. Yeah!

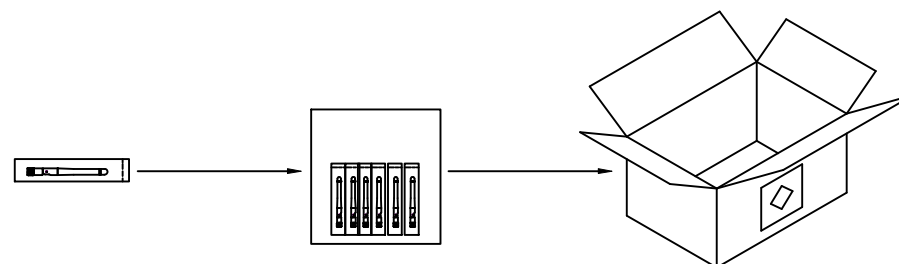
Test Point	Freq. (GHz)	TDP (dBm)	Gain (dBi)	Directivity (dBi)	Efficiency (%)	Efficiency (dB)	Max (dBm)	Theta of Max	Psi of Max	Min (dBm)	Theta of Min	Psi of Min	AVG (dBm)	MaxMin (dB)	MaxAVG (dB)	MinAVG (dB)
1	2400.0	2400.00	2.68	3.01	92.1%	-0.36	2.68	90	120	-16.00	0	0	-2.10	18.65	4.78	-13.90
2	2400.0	2400.00	3.80	4.35	83.8%	-0.70	3.49	90	120	-22.83	0	30	-2.12	25.33	5.22	-20.31
3	2500.0	2500.00	3.10	4.35	75.1%	-1.24	3.10	90	90	-19.82	0	30	-3.03	22.92	6.14	-16.79
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APPROVE:



NOTES:

1. Electrical:
 - 1.1 Impedance: 50 OHM.
 - 1.2 Frequency: 2.4Ghz~2.5Ghz
 - 1.3 VSWR: ≤ 2.0
 - 1.4 Peck Gain: 2dBi
 - 1.5 Polarization: Linear
 - 1.6 Radiation Patten: Omni-directional
2. Enviromental:
 - 2.1 Storage Temperature Range: -40 TO +85°C
 - 2.2 Operating Temperature Range: -40 TO +85°C
3. All material must meet RoHS Request.
4. CONN 鉚壓高度: HEX2.2~2.3mm



TITLE	2.4Ghz 2dBi dipole Antenna				UNIT	m/m	APPROVE	CHECK	DRAWN	东莞市创诚电子有限公司
ORD.NO.			MODEL NO.				吴火亮	罗志明	吴国坚	
BOM NO.			SCALE	FREE	SHEET : 10F2					
CUSTOMER PART NO.	BAHB10020000		DWG NO.	D:\ERP\001785						CUSTOMER 东莞市欧讯科技有限公司

东莞市创诚电子有限公司

DONGGUAN SHI CHUANGCHENG DIANZI Ltd.co

产品主要参数

规格表

主要技术指标	Main technical specifications		
频率范围（GHZ）	2.4GHz~2.5GHz	Frequency Range(GHZ)	2.4GHz~2.5GHz
特性阻抗(Ω)	50Ω	Impedance(Ω)	50Ω
增益(dBi)	2DBI	Peak Gain(dBi)	2DBI
输出电压驻波比	≤ 1.8	VSWR	≤ 1.8
最大功率	50W	Admitted Power	50W
极化方式	垂直极化	Polarization	Linear,Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	焊接	Connector Type	焊接
物理性能	Physical Properties		
天线结构	铜管&RG178 SMA	Antenna structure	铜管&RG178 SMA
工作温度	-40°C~+60°C	Operating Temp	-40°C~+60°C
保存温度	-40°C~+60°C	Storage Temp	-40°C~+60°C