



东莞市亨捷电子科技有限公司

Dong guan Hengjie Electronic Technology Co., Ltd.

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

客 户 名 称: _____

产 品 名 称: 2.4GHz Antenna L=100mm MHF I

产 品 料 号 : HJ-P11-100

客 户 料 号: _____

送 样 日 期: 2020-01-06

工程确认:

核准	工程	制作	签章
Approval	Quality	Engineer	

客户确认:

核准	研发	品质	签章
确认结果: ☐ 合格 ☐ 不合格 ☐ 其它			

Manufacturer: Dongguan Hengjie Electronic Technology Co., Ltd.

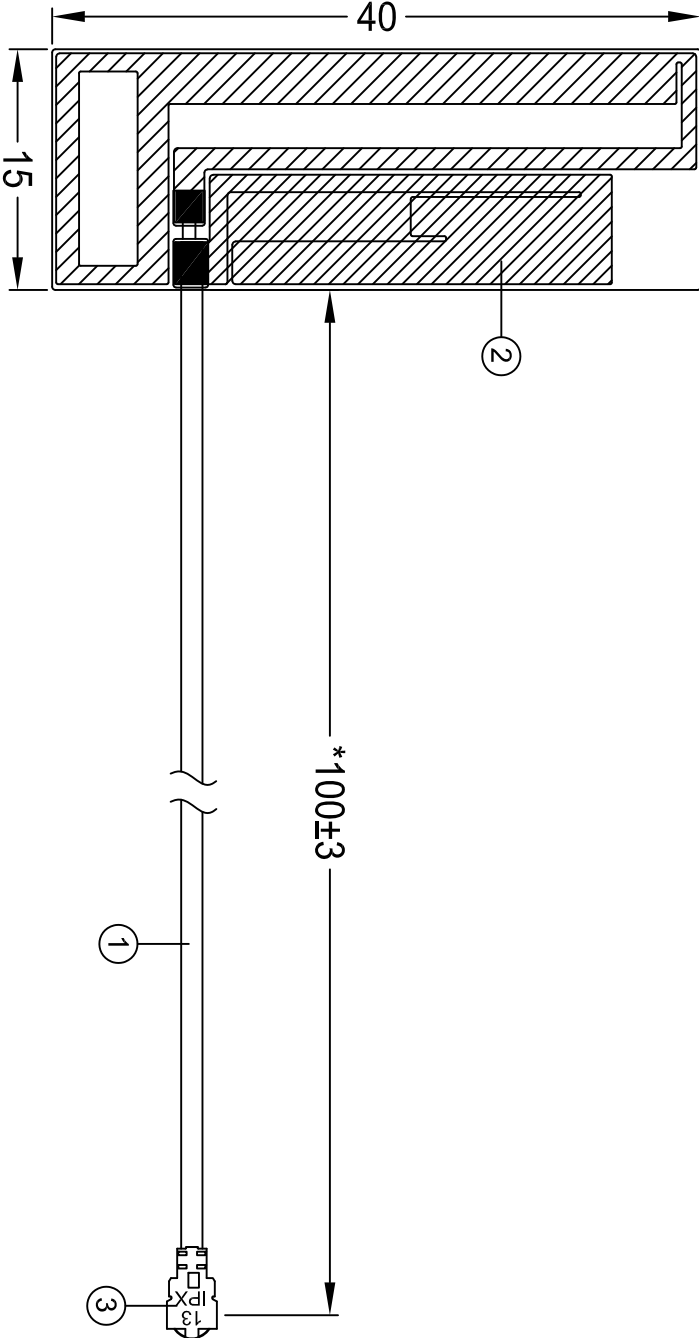
Address: Room 401, Building 2, No. 33 Xingzheng Road, Yangkengtang,
Dalong Town, Guangdong Province, China



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承认书项目表

Item	Description
1.....	承认书封面
2.....	承认书项目表
3.....	工程图面
4.....	电性测试报告



3	Connector	1	MHF Au Plating
2	FPC	1	40mm/15/0.8mm
1	Coaxial Cable	1	O.D. 1.13mm (Black)
NO	PART NAME	Q'TY	DESCRIPTION



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Tel:0769-81239683

13538581887

TITLE: Antenna L=100MM MHF1

PART NO.: LY-P11-100-V0

DWG NAME: LY-P11.dwg

APPROVED BY

CHECKED BY

DESIGNED BY

马兰



UNITS: mm

SCALE: 1/1

REVISION: A

Tolerance

X. ±1.0

X.X ±0.5

X.XX ±0.2



RF Antenna Cable Assembly

Specification

1. Electrical Properties

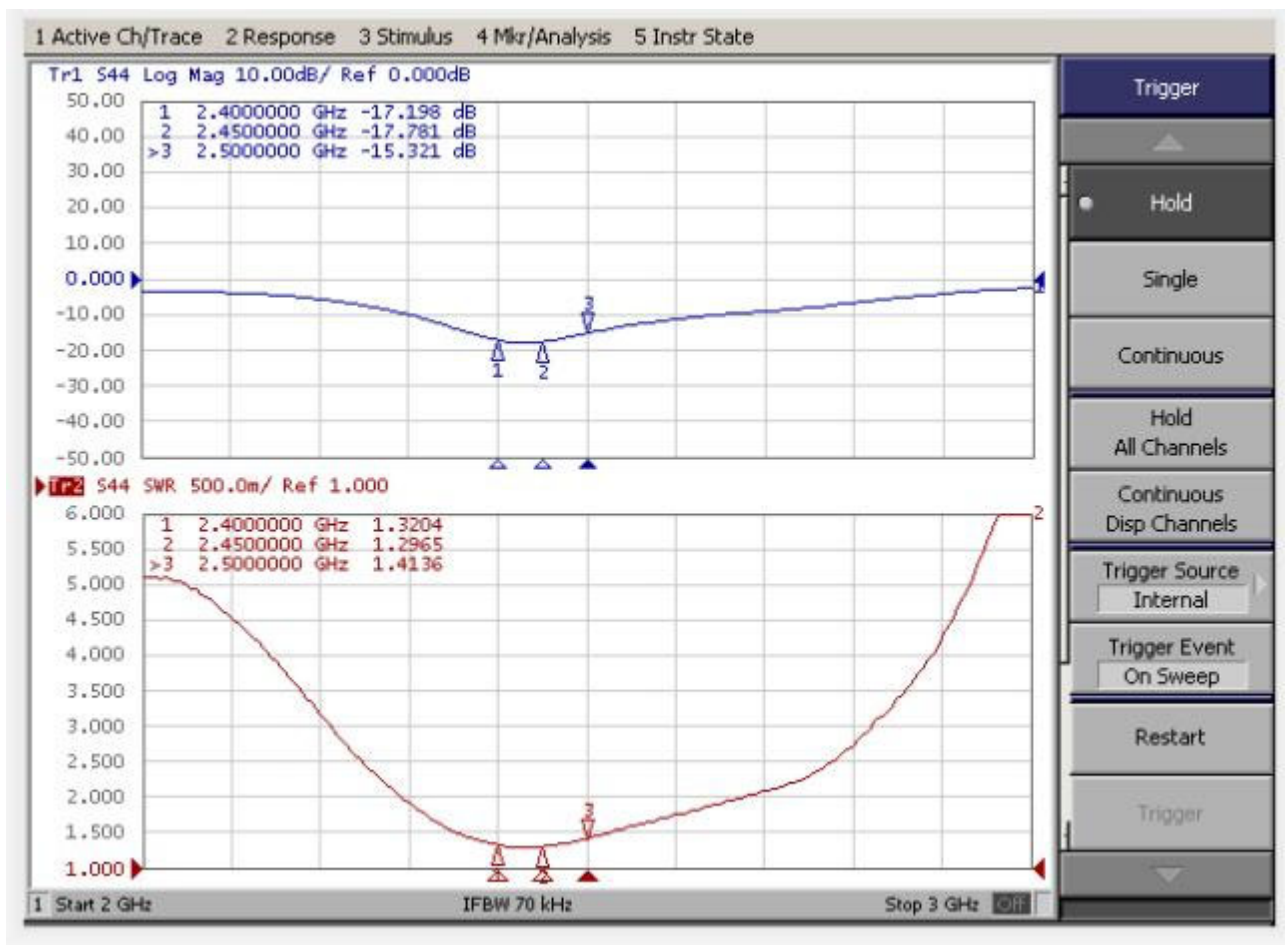
- 1.1 Frequency Range.....2.4-2.5GHz
- 1.2 Impedance.....50 Ω Nominal
- 1.3 VSWR.....1.92:1MAX
- 1.4 Return Loss.....-10dB Max
- 1.5 Gain(peak)2dBi
- 1.6 Cable loss.....0.3dBi Max
- 1.7 Polarization.....Linear Vertical
- 1.8 Admitted Power.....2W
- 1.9 Cable.....0.13mm
- 1.10 Conn.....IPEX

2. Physical Properties:

- 2.1 Antenna Material.....FPC
- 2.4 Operating Temp.....-40°C- +80°C
- 2.5 Storage Temp.....-45°C- +85°C



S-Parameters



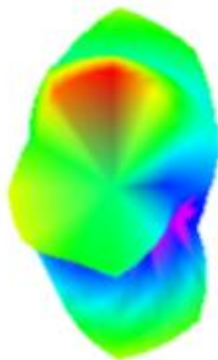


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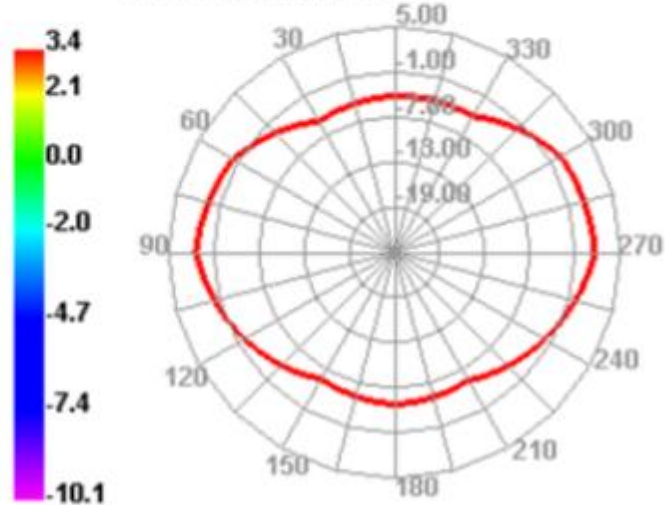
Efficiency and Peak Gain

Passive Test For WIFI		
Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	69.42	3.44
2450	70.53	3.57
2500	52.36	3.11

2400.000MHz



2400.000MHz H

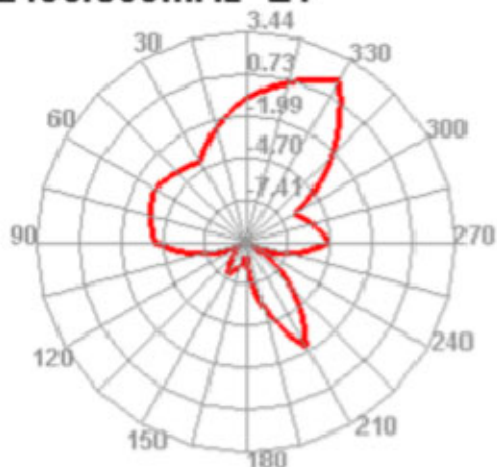




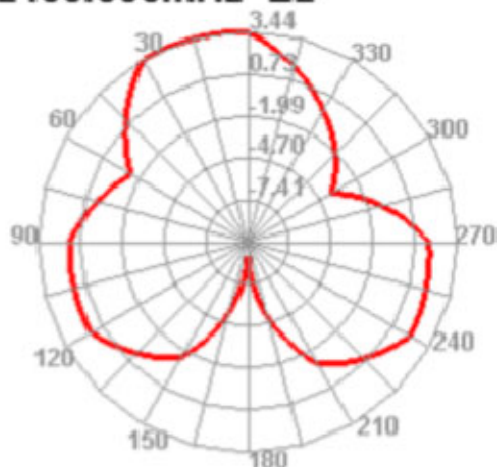
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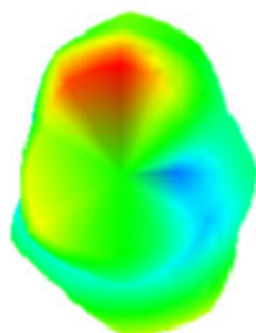
2400.000MHz E1



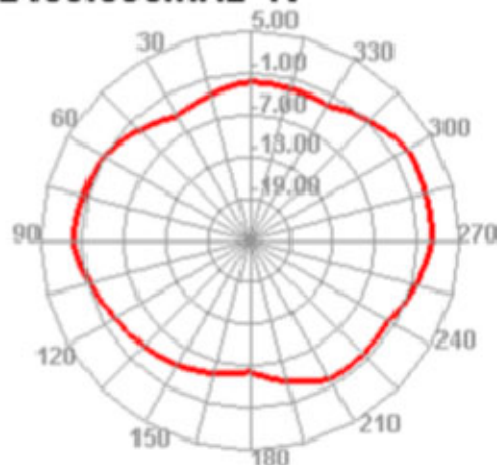
2400.000MHz E2



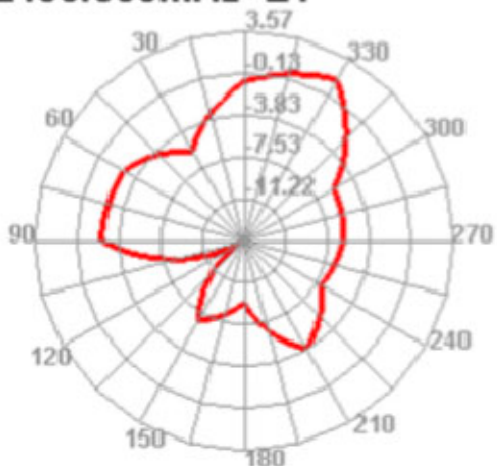
2450.000MHz



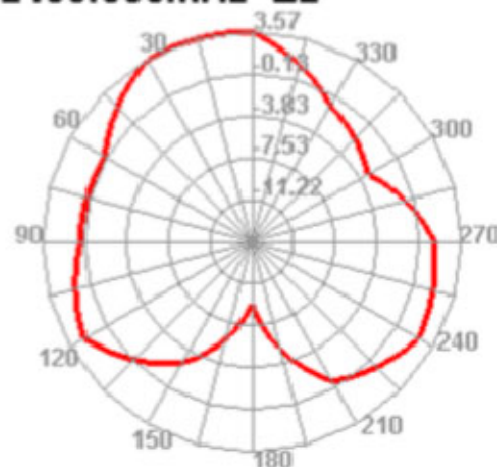
2450.000MHz H



2450.000MHz E1



2450.000MHz E2

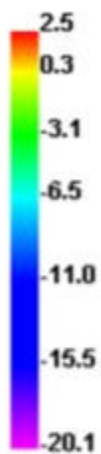
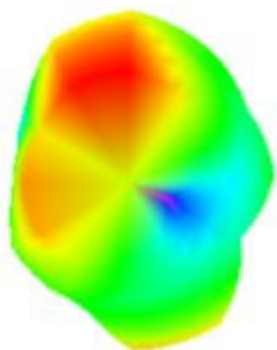




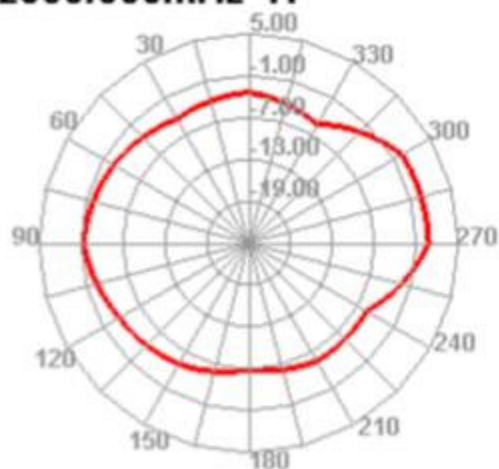
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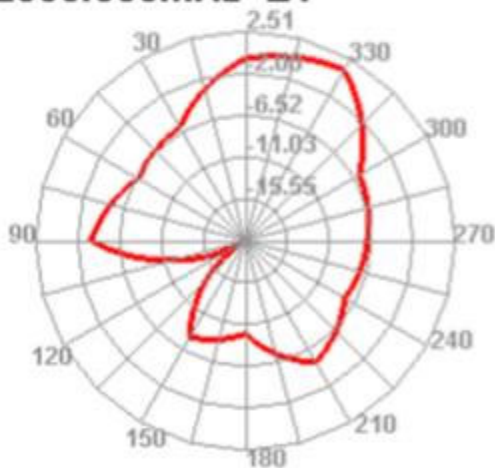
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

