

深圳市德威玛通讯设备有限公司

规格承认书

SPECIFICATION FOR APPROVAL

日期 2024/10/16

Date

编号 24101601

File No

版本 1.0

Revision

客户 Shenzhen Radiomaster Co.,Ltd

CUSTOMER:

客户料号 XD-LJQ-00063

品名
PART NAME: 2.4G单天线 R84/R88

供方料号
SUPPLIER NO: D645-3009

送样日期Date:

送样数量Q “TY:

客户确认CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

QIXUE YU

CHUANYAN GAO

QIUMING QIN

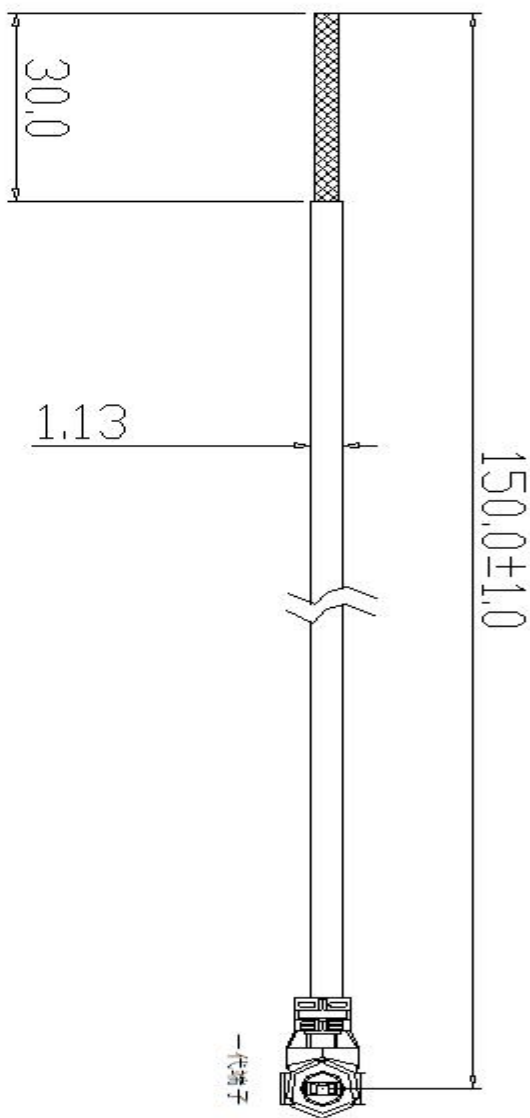
WE-RD-F01-A

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工程成品图

Drawing



- 注:
1. 样品客户已确认.
 2. 两头剥线, 一头打端子
 3. 线材颜色为 黑) 色

深圳市德顺玛通信设备有限公司 Shenzhen Deshunma Communication Equipment Co., Ltd.									
						内部结构		日期	2023/07/07
客户		阿尔木		料号		D645-3009		设计	袁梓生
项目名		2.4G天线		10~20 10.0					

天线规格

Antenna Specification

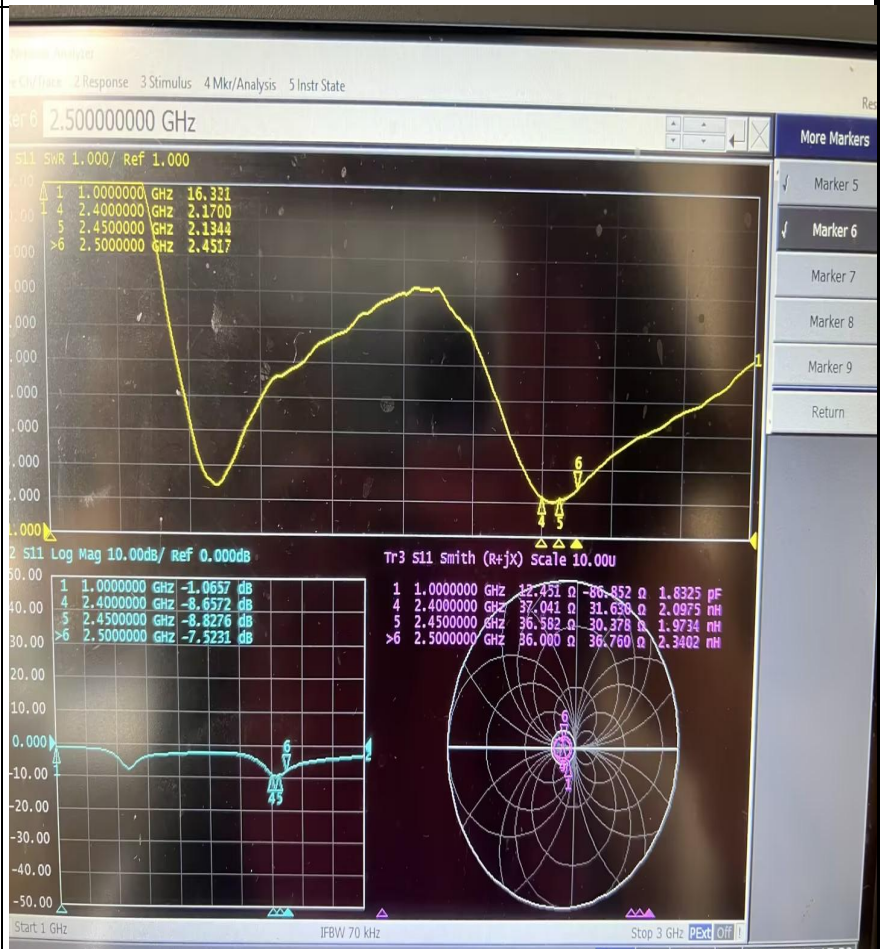
Electrical Properties	
Frequency	2300~2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤3.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	2dBi
Polarization	Linear
Connector	IPEX-1代
Physical Properties	
Antenna Material	PVC
Cable Type	O.D 1.13//L=65mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	black

Antenna Performance Test

*Agilent
E5071C*



*S
Parameter
Test //
WIFI*



Antenna Passive Test



24-probe microwave chamber



R&S CMW500



Agilent E4405B 频谱仪

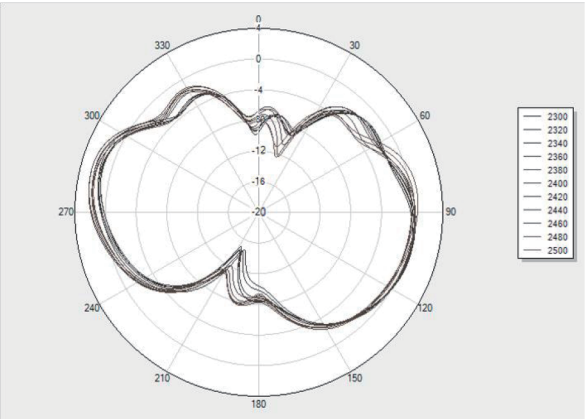
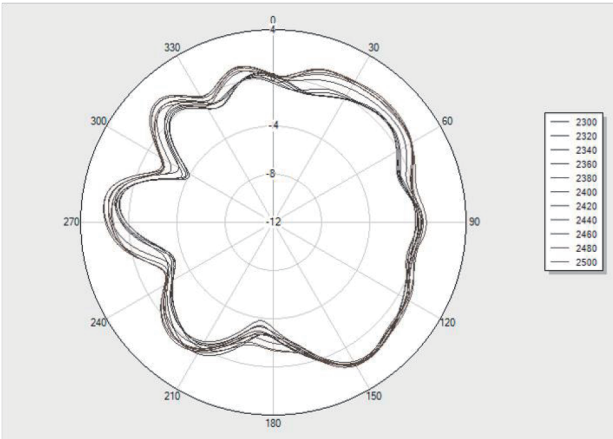
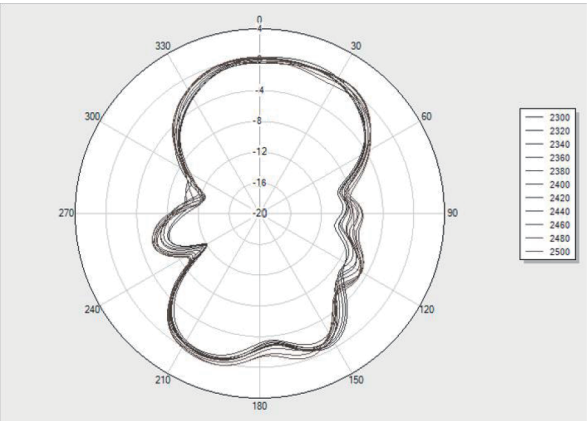
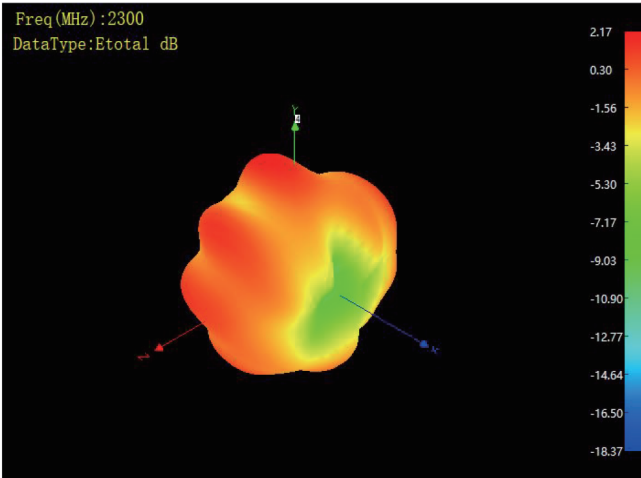


Agilent Technologies E5071B

Passive Test For Antenna(2.4GHz)

Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/dBi
2400	-4.88	32.51	1.72
2410	-5.01	31.55	1.73
2420	-4.77	33.34	1.76
2430	-4.77	33.34	1.83
2440	-4.92	32.21	1.52
2450	-4.7	33.88	1.6
2460	-4.61	34.59	1.68
2470	-4.71	33.81	1.51
2480	-4.56	34.99	2.00
2490	-4.39	36.39	1.72
2500	-4.59	34.75	1.78

Antenna Radiation Pattern



Antenna Photo

