

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

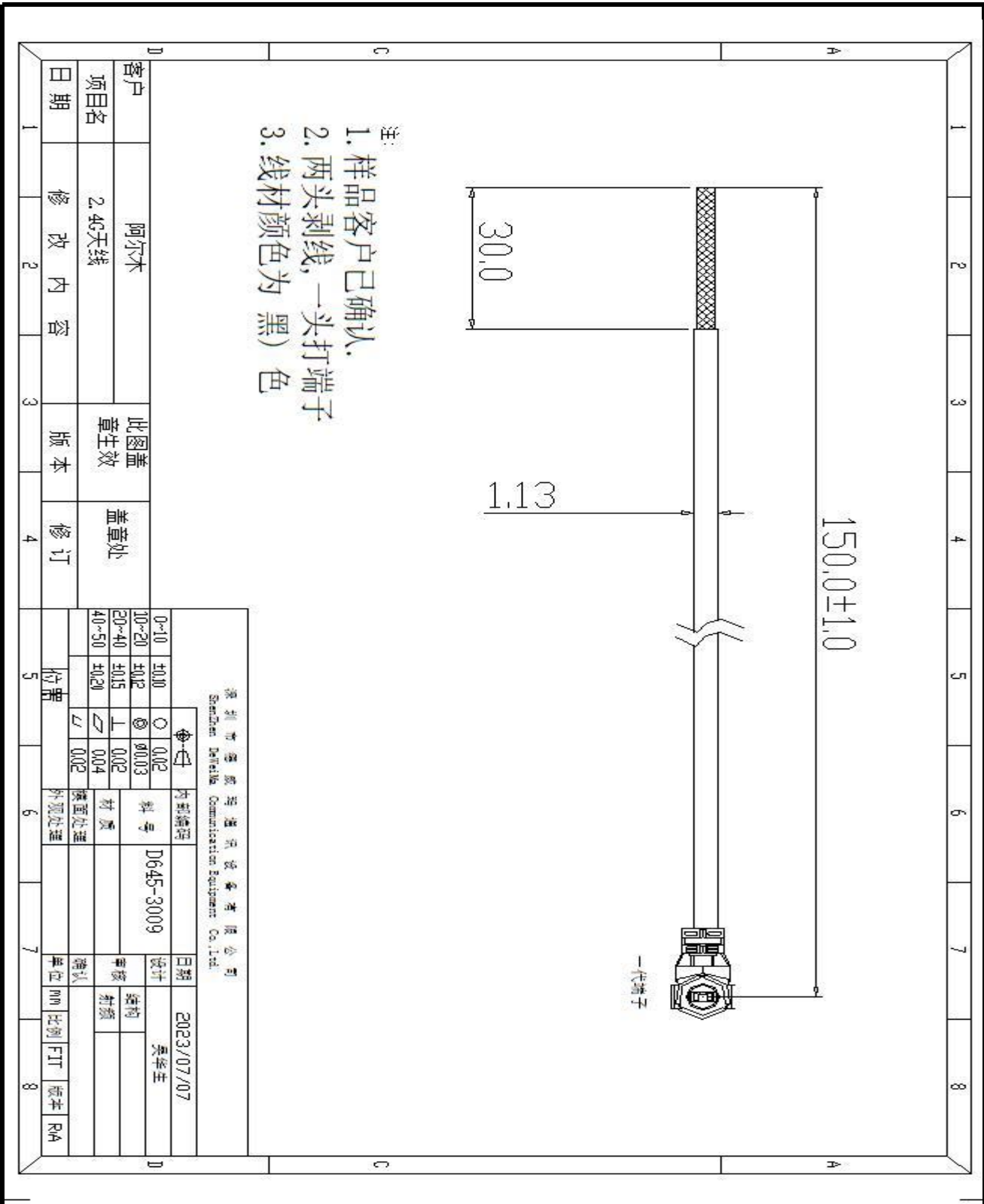
WE-RD-F01-A

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工程成品图

Drawing



天线规格

Antenna Specification

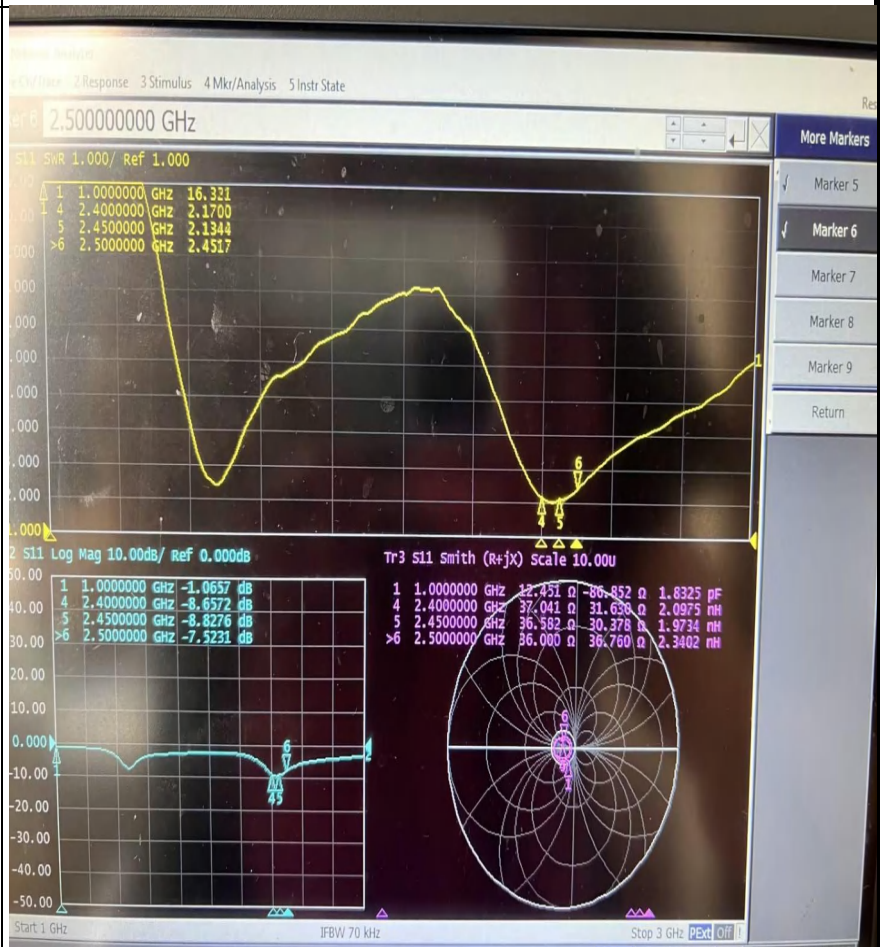
Electrical Properties	
Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤3.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	1.35dBi
Polarization	Linear
Connector	IPEX-1代
Physical Properties	
Antenna Material	PVC
Cable Type	O.D 1.13//L=65mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	black

Antenna Performance Test

**Agilent
E5071C**



**S
Parameter
Test //
WIFI**



Antenna Passive Test



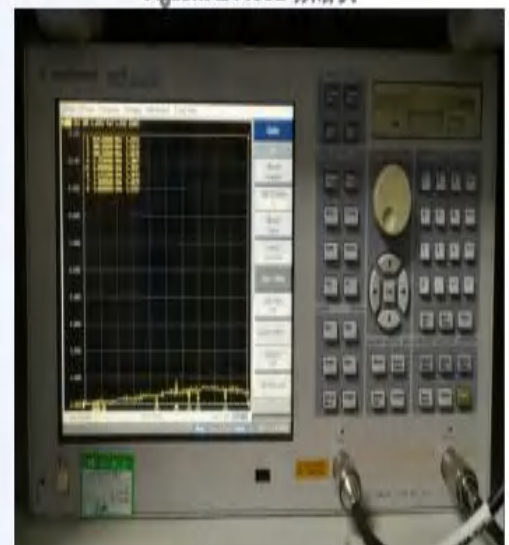
24-probe microwave chamber



R&S CMW500



Agilent E4405B 频谱仪

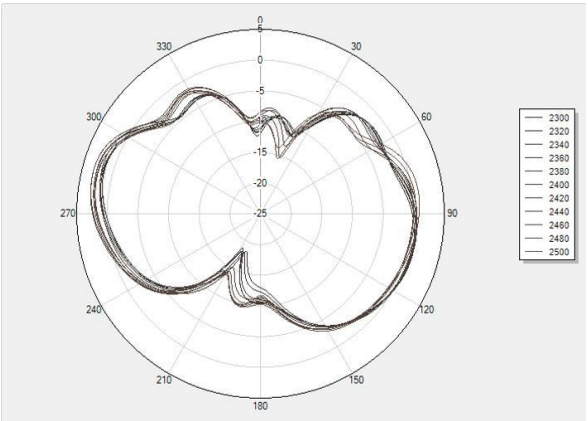
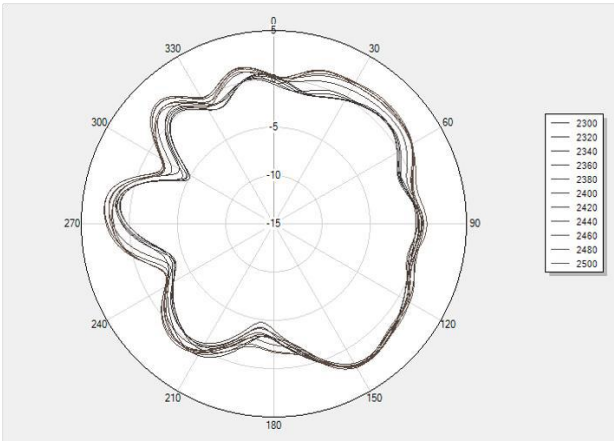
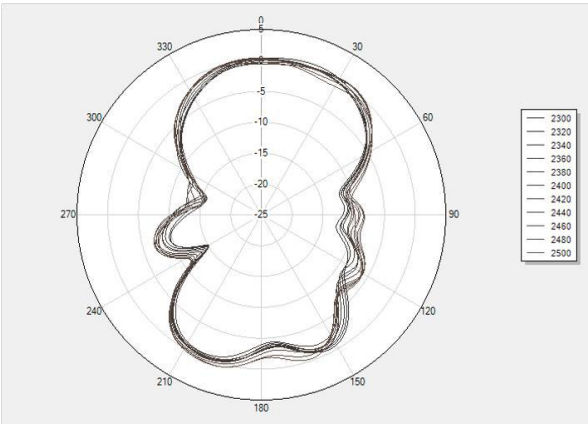
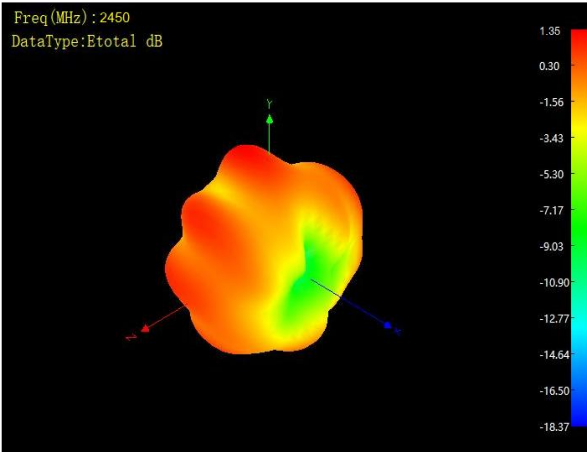


Agilent Technologies E5071B

Passive Test For Antenna(2.4GHz)

Frequency/Mhz	Efficiency / dB	Efficiency / %	Gain/dBi
2400	-4.88	32.51	1.13
2410	-5.01	31.55	1.23
2420	-4.77	33.34	1.15
2430	-4.77	33.34	1.22
2440	-4.92	32.21	1.27
2450	-4.7	33.88	1.35
2460	-4.61	34.59	1.32
2470	-4.71	33.81	1.28
2480	-4.56	34.99	1.18
2490	-4.39	36.39	1.32
2500	-4.59	34.75	1.16

Antenna Radiation Pattern



Antenna Photo

