

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 阿尔木科技有限公司 Almu Technology Co., Ltd
CUSTOMER:

客户料号 XD-LJQ-00063
Customer Part Number

品名
PART NAME: 2.4G single antenna R84/R88

供方料号
SUPPLIER NO: D645-3009

送样日期Date: 送样数量Q “TY:

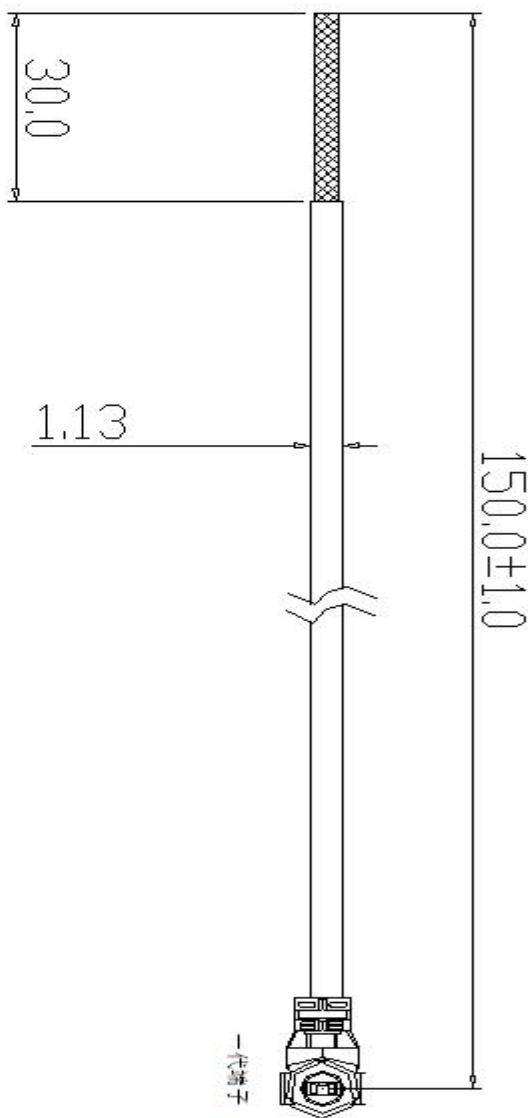
客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN

Confirmation Letter Project Table

NO.	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	天线规格 (Antenna Specification)	1	4
5	S参数测试 (S Parameter)	1	5
6	无源测试 (Passive Test)	2	6 ~ 7
7	天线辐射场型 (Antenna Radiation Pattern)	3	8 ~ 10
8	天线图片 (Antenna Profile)	1	11
9	RoHS报告 (RoHS Test Report)	**	**
10	N/A	N/A	N/A
11	-	-	-
12	-	-	-

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 Desunma Communication Equipment Co., Ltd.									
客户		阿尔木		此图盖章生效		盖章处		日期	
项目名		2.4G天线		版本		修订		修改内容	
1		2		3		4		5	
0~10		10~20		20~40		40~50		位置	
10.0		10.0		10.0		10.0		外观处理	
10.0		10.0		10.0		10.0		材料	
10.0		10.0		10.0		10.0		重量	
10.0		10.0		10.0		10.0		确认	
10.0		10.0		10.0		10.0		单位	
10.0		10.0		10.0		10.0		比例	
10.0		10.0		10.0		10.0		版本	
10.0		10.0		10.0		10.0		R/A	

天线规格

Antenna Specification

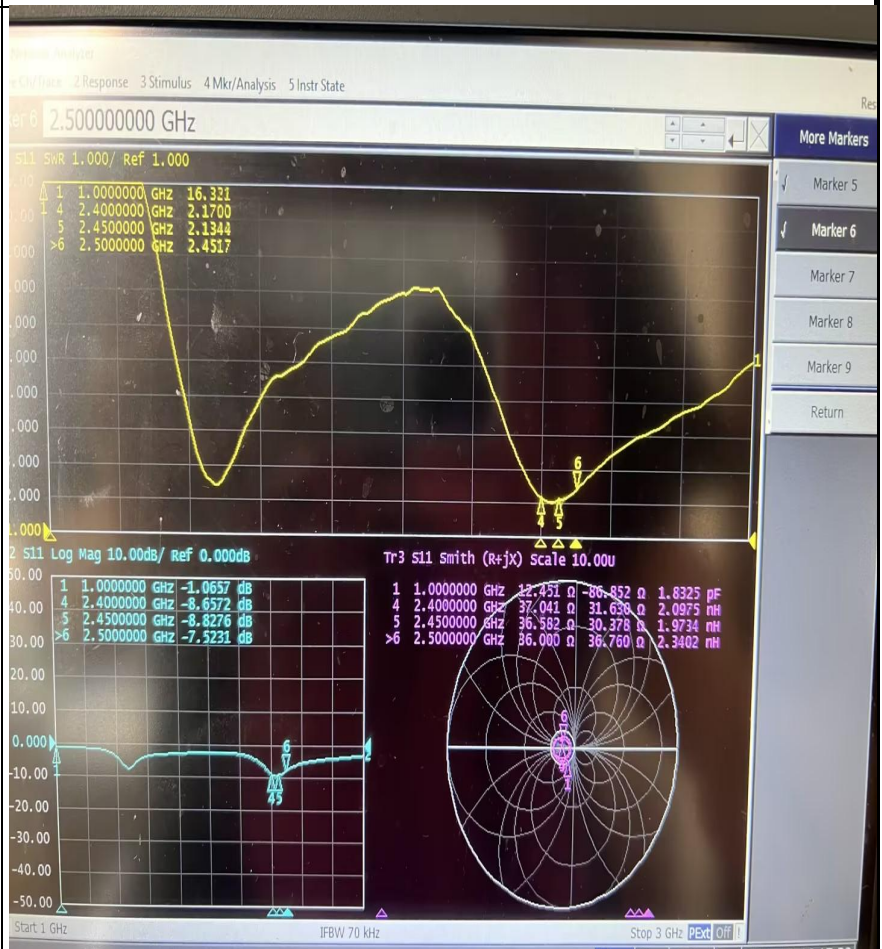
Electrical Properties	
Frequency	2400~2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤3.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	2.35dBi(Max)
Polarization	Linear
Connector	IPEX-1代
Physical Properties	
Antenna Material	PVC
Cable Type	O.D 1.13//L=65mm
Operating Temp.	-10 ~ +60 °C
Storage 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

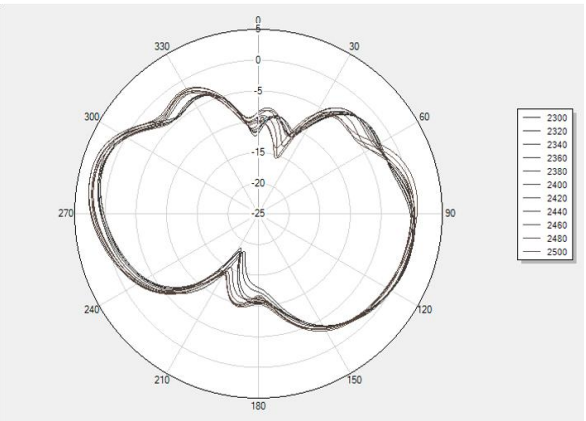
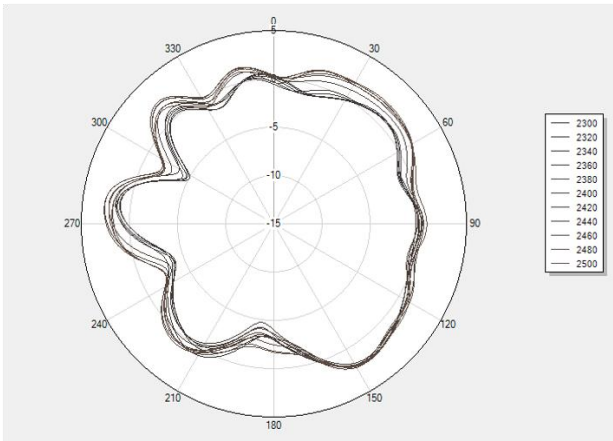
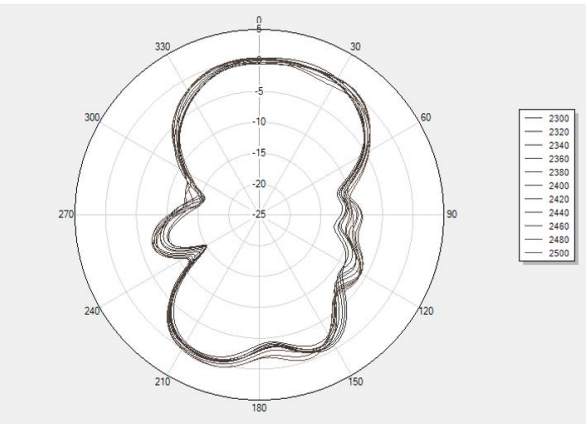
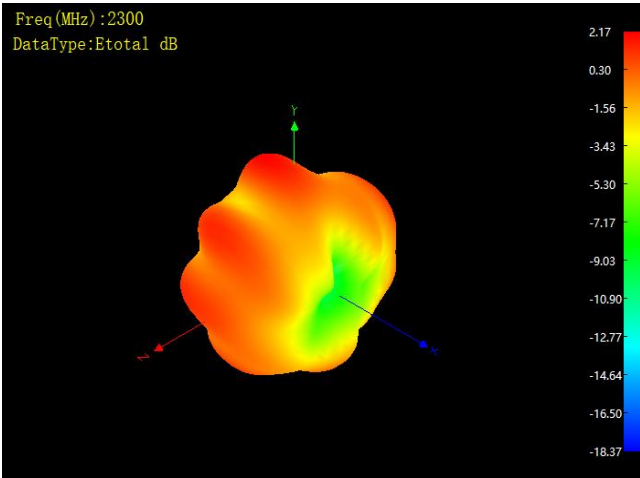


Agilent Technologies E5071B

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	1.96
2430	-4.77	33.34	1.83
2440	-4.92	32.21	1.52
2450	-4.7	33.88	1.8
2460	-4.61	34.59	1.98
2470	-4.71	33.81	2.11
2480	-4.56	34.99	2.35
2490	-4.39	36.39	2.32
2500	-4.59	34.75	2.08

Antenna Radiation Pattern



Antenna Photo

