

东莞市淼泰电子有限公司

Dongguan MiaoTEC Electronics Co.,Ltd.

承认书

Specification For Approval

客戶名稱 (CUSTOMER):	云卓科技有限公司
品名 (DESCRIPTION):	RF Antenna ASSEMBLY 4DBI 13*156MM FOR RP-SMA PLUG
客戶料號 (PART NO):	CP1548
料 號 (PART NO):	MT-2400-200B
送樣日期 (DATE):	2025. 02. 19
版本 Revision:	A1
承認號碼 (APPROVED NO):	MT. 承-250219-003

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN

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Spec Ltem

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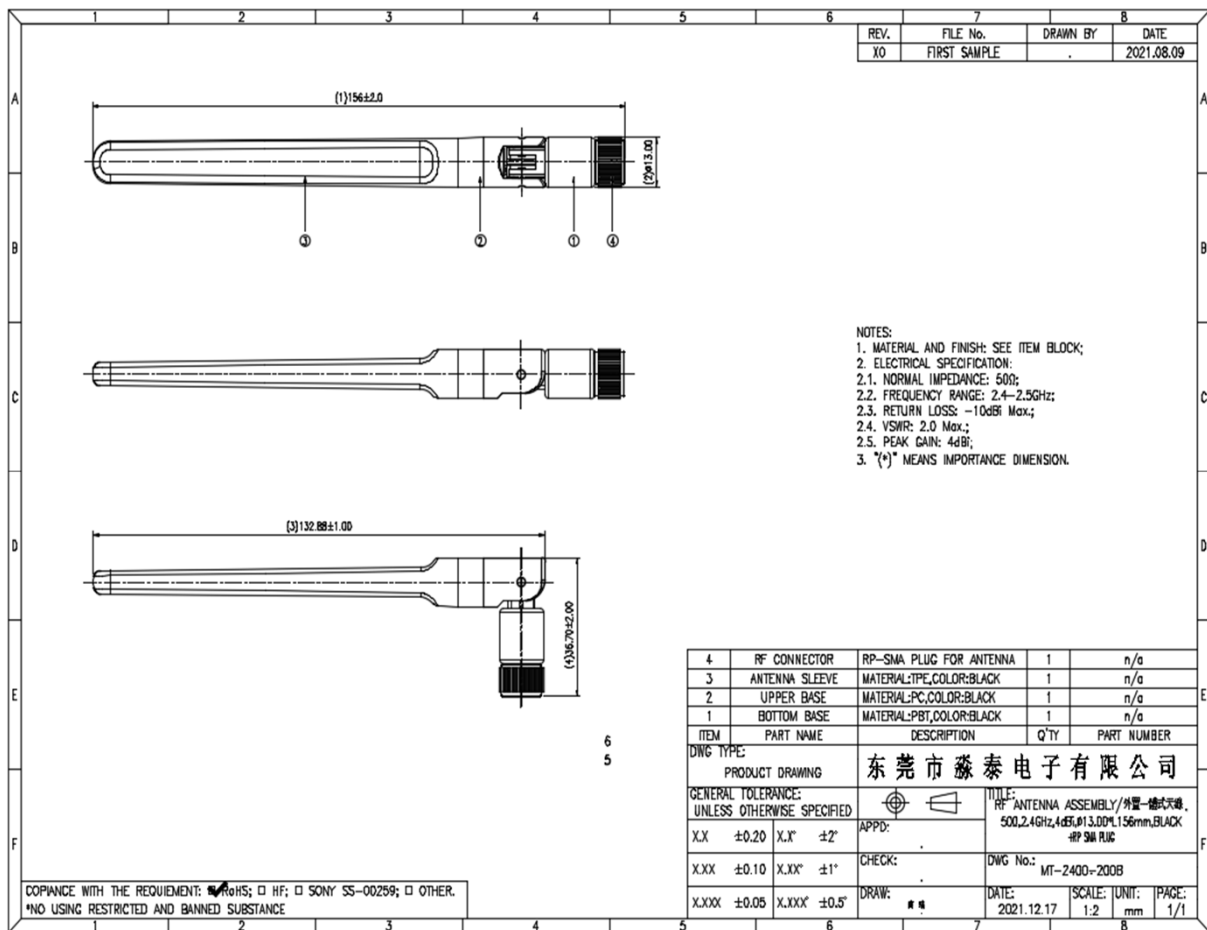
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电气参数 Electrical Specifications	
频率范围 Frequency range (MHz)	2.4-2.5GHz
带宽 Bandwidth (MHz)	100MHz
增益 Gain (dBi)	2.68dBi
半功率波瓣宽度 Half-power beam width(°)	H:360 V:30
电压驻波比 VSWR	≤2.0
输入阻抗 Input Impedance(Ω)	50
极化方式 Polarization	垂直Vertical
最大功率 Maximum input power (W)	50
雷电保护 Lightning protection	直流接地 DC Ground
接头型号 Input connector type	RP-SMA PLUG
机械参数 Mechanical Specifications	
天线尺寸 Dimensions (mm)	见工程图
天线重量 Antenna weight (kg)	2g
工作温度 Operating temperature (°C)	~40-55
天线颜色 Antenna color	White(黑色)

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产品图纸
Product drawing

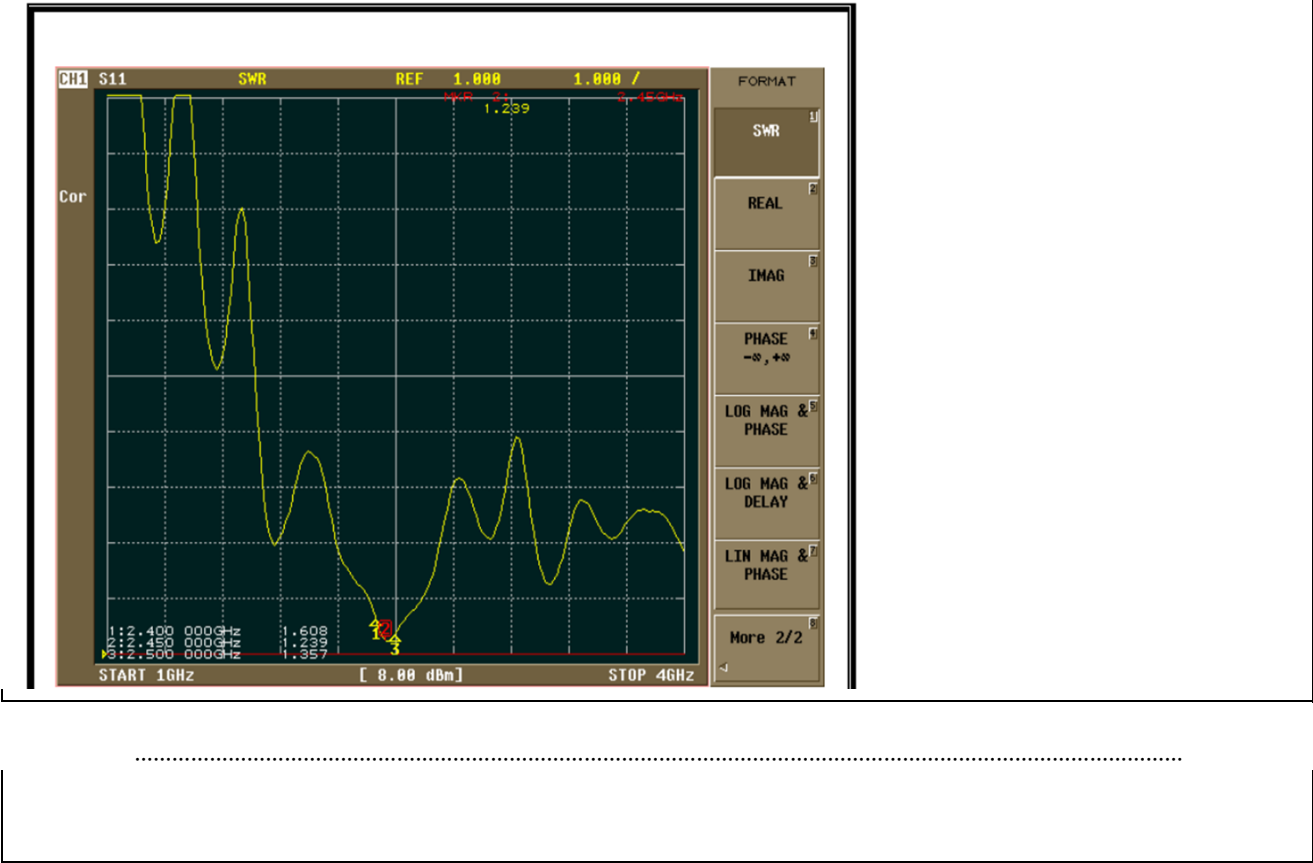


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S Parameter Test

E8753D	

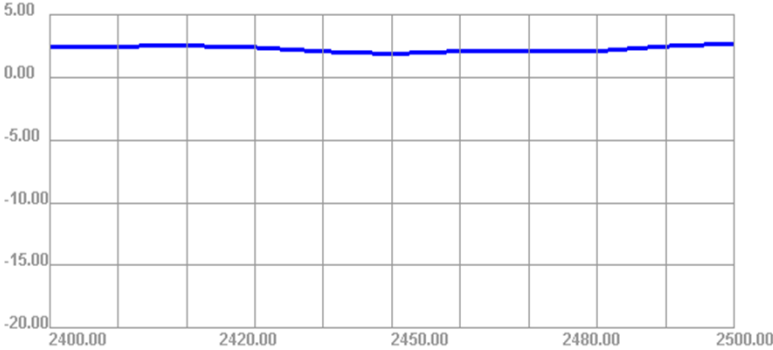
2. VSWR :



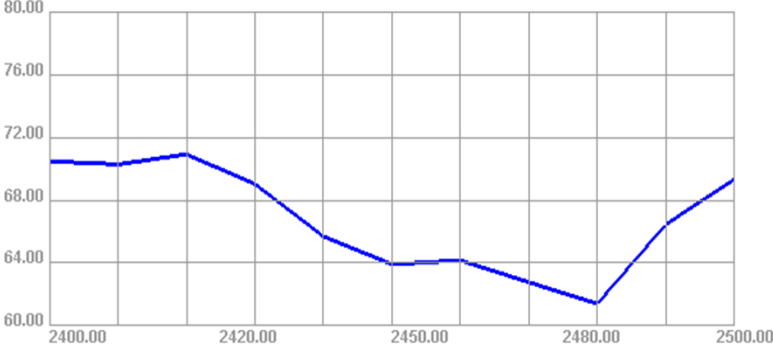
Passive Test For WIFI2400										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivit (dBi)	Beamwidth (3dB)
2400	70.48	-1.52	1.7	-0.45	34.395	36.082	1.7	-10.66	3.61	0
2410	70.29	-1.53	1.49	-0.66	34.438	35.849	1.49	-9.88	3.49	0
2420	70.92	-1.49	2.51	0.36	34.9	36.021	2.51	-9.41	4.01	0
2430	69.03	-1.61	2.37	0.22	34.061	34.969	2.37	-9.44	3.98	0
2440	65.69	-1.82	2.05	-0.1	32.484	33.207	2.05	-10.06	3.88	0
2450	63.92	-1.94	1.87	-0.28	31.634	32.284	1.87	-11.45	3.81	0
2460	64.16	-1.93	2.07	-0.08	31.879	32.285	2.07	-12.36	4	30
2470	62.77	-2.02	2.12	-0.03	31.285	31.487	2.12	-13.59	4.14	30
2480	61.4	-2.12	2.09	-0.06	30.735	30.663	2.09	-13.98	4.2	30
2490	66.46	-1.77	2.46	0.31	33.467	32.988	2.46	-13.06	4.24	30
2500	69.33	-1.59	2.68	0.53	35.174	34.156	2.68	-12.42	4.27	30

Application Information	
04Version	5.223.331
TotalTime	2m 59s 174ms
AdditionalInfor	NULL

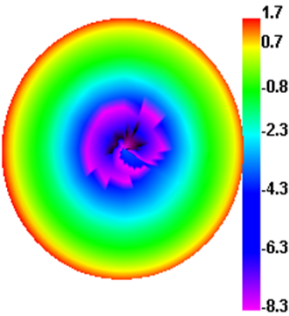
2400.00MHz - 2500.00MHz Gain



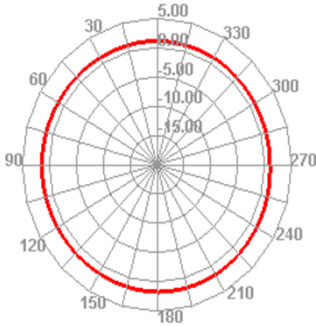
2400.00MHz - 2500.00MHz Efficiency



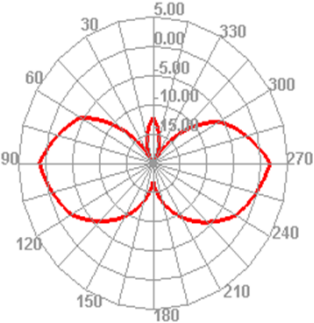
2400.000MHz



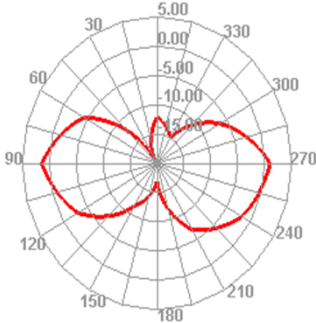
2400.000MHz H



2400.000MHz E1



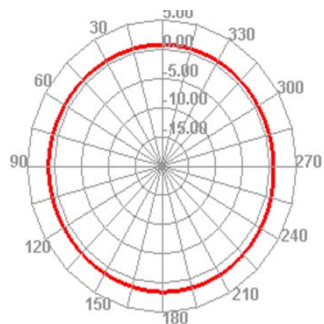
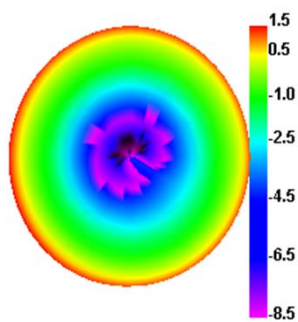
2400.000MHz E2



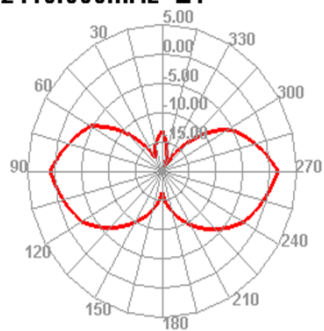
2410.000MHz

2410.000MHz H

ε n n



2410.000MHz E1



2410.000MHz E2

