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深圳市华信微通信技术有限公司

**天线产品承认书****Antenna Specification**

Customer name:	亚昱
Project name:	AMP10
Antenna band:	BT
Date	2023年12月21日
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RF engineer:		ME engineer:		Audit:	
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**Revision History**

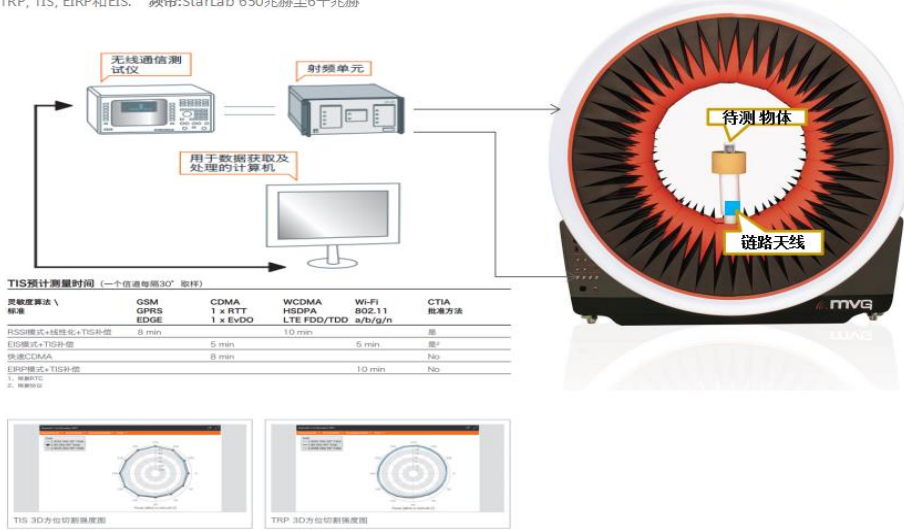
DATE	Revision	Description

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# 1、 Test environment and equipment

系统品牌: MVG(SATIMO) 测量功能:增益 • 方向图波束宽度交叉极化分辨率旁瓣电平3D腔体反射率在任何极化的腔体反射率(直线或圆弧) 天线效率 TRP, TIS, EIRP和EIS. 频段:StarLab 650兆赫至6千兆赫



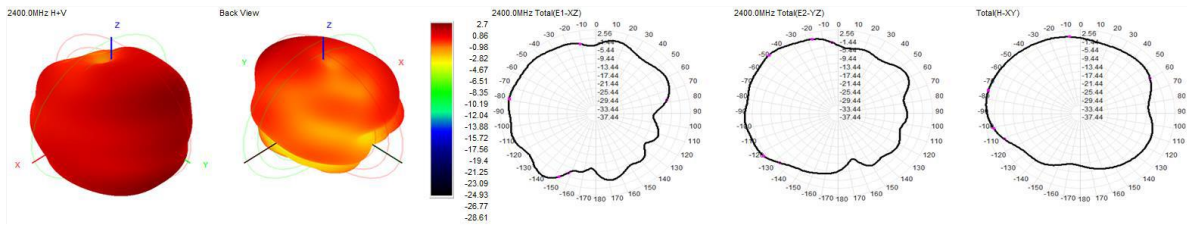
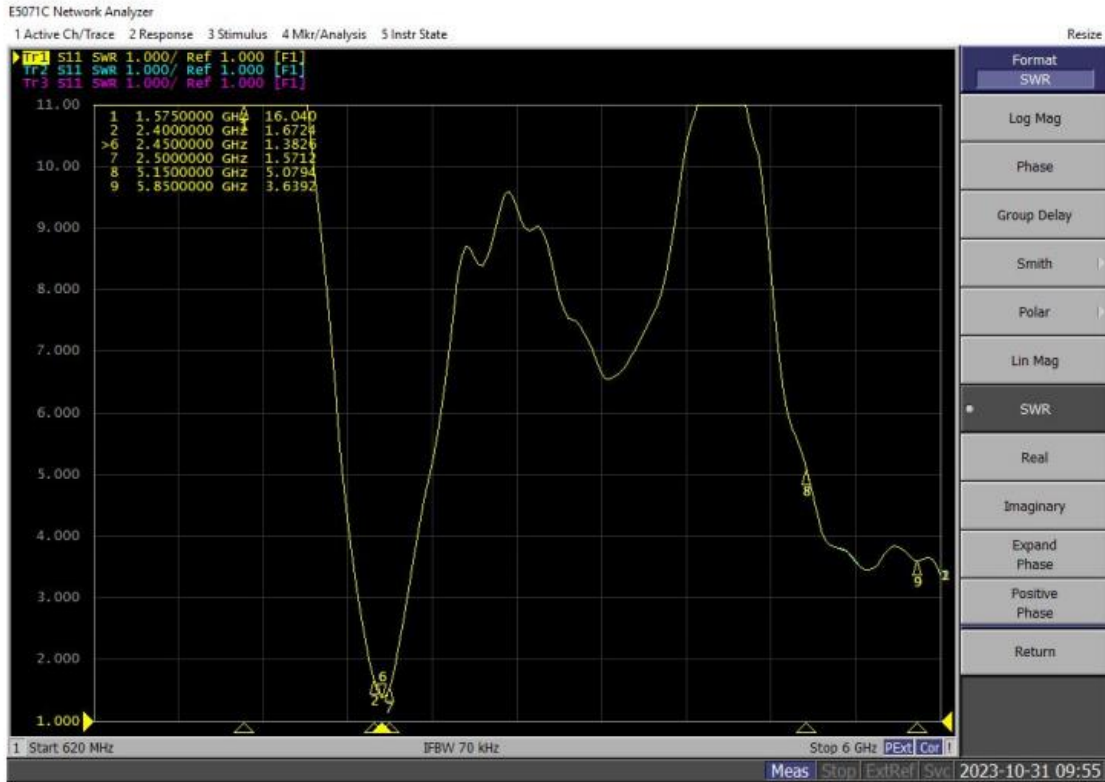
# 2、 Matching circuit

并1.5NH



### 3、Passive antenna and 3D data

#### VSWR AND RETURN LOSS



## Passive efficiency

Passive Test For 2.4g			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	58.75	-2.63	2.39
2410	58.1	-2.67	2.46
2420	59.09	-2.61	2.58
2430	58.53	-2.64	2.46
2440	58.24	-2.66	2.33
2450	58.79	-2.62	2.3
2460	60.69	-2.51	2.39
2470	59.99	-2.55	2.52
2480	59.36	-2.59	2.65
2490	59.38	-2.59	2.66
2500	57.5	-2.71	2.62

## OTA test data

AMP10 OTA test data		
0	5.36	-91.23
36	5.66	-91.36
78	5.41	-92.36
Actual distance test	50+m	

#### 4、BT antenna drawings

