

ShenZhen Huaxinwei communication technology Co.,Ltd.**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:	AH185
Antenna band:	BT
Date :	2023 年 11 月 15 日

RF engineer:		ME engineer:		Audit:	
-----------------	--	-----------------	--	--------	--

Revision History

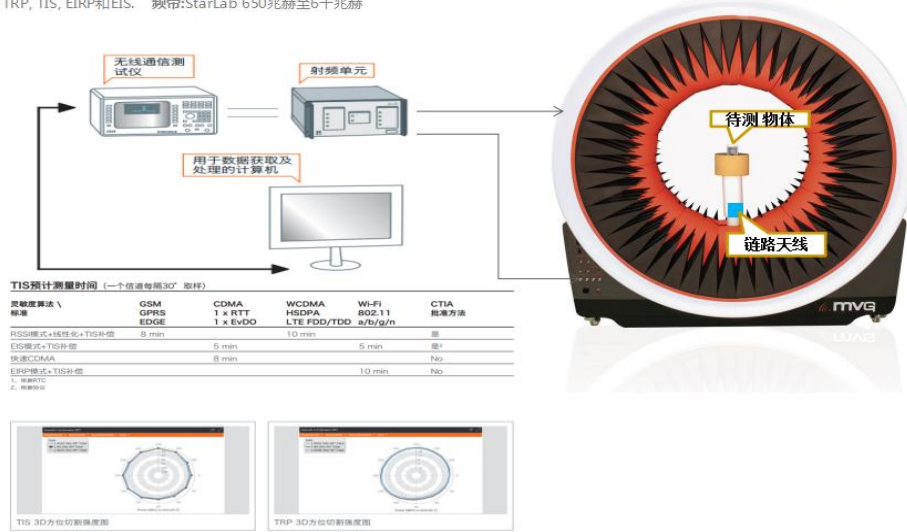
DATE	Revision	Description

Table of contents

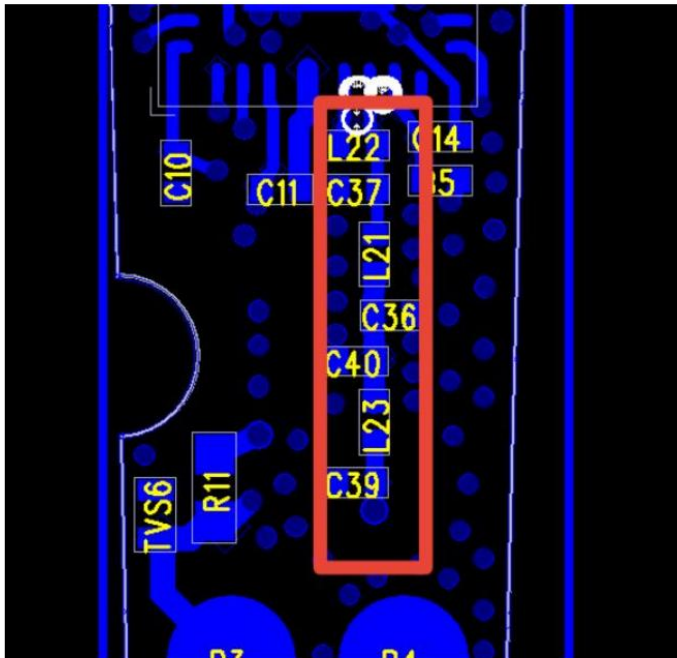
1、Test environment and equipment	错误！未定义书签。
2、Matching circuit	3
3、Passive antenna and 3D data	4
6、BT antenna drawings	5

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



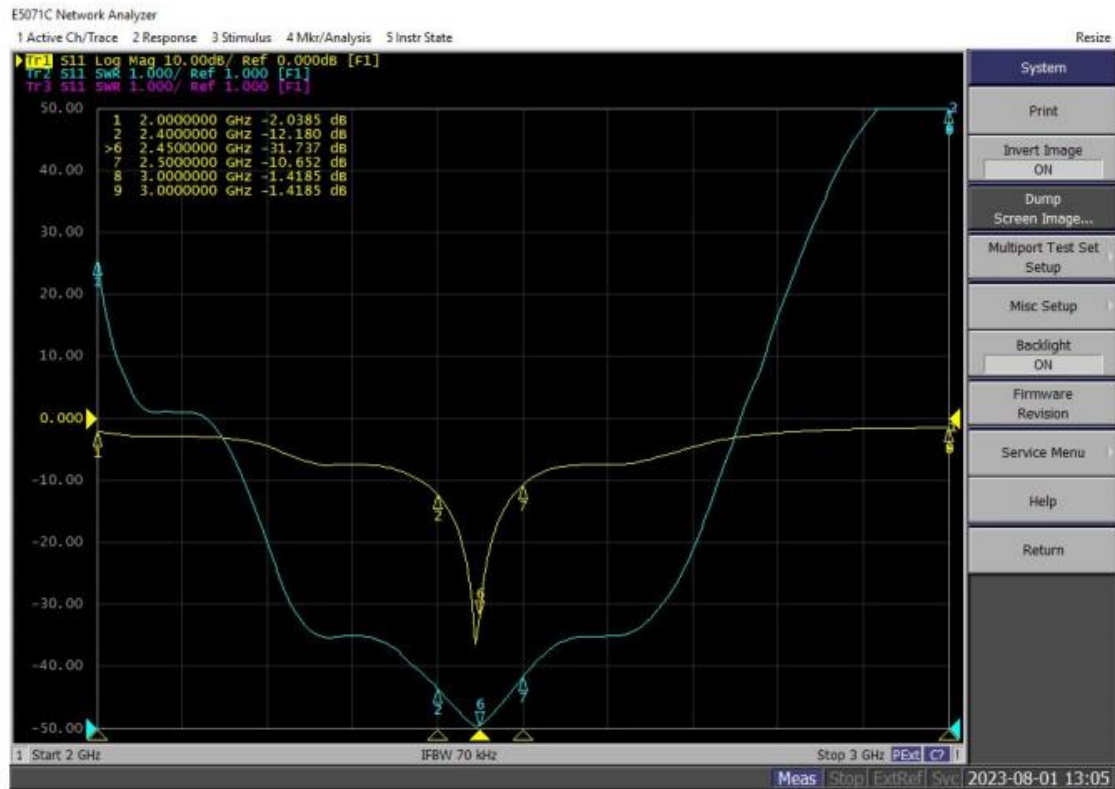
2、Matching circuit



位号	料值
C39	1NH
L23	0欧
C40	

3、Passive antenna and 3D data

VSWR AND RETURN LOSS



Passive efficiency

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	29.34	-5.25	-0.35
2410	29.81	-5.35	-0.72
2420	30.77	-4.89	-0.54
2430	29.55	-5.51	-0.45
2440	33.02	-4.66	-0.6
2450	32.57	-4.81	-0.81
2460	30.54	-4.82	-0.9
2470	29.76	-5.01	-1.33
2480	28.22	-5.18	-1.64
2490	28.3	-5.28	-1.88
2500	27.55	-5.25	-1.68

OTA test data

AH185 Antenna test data					
Left			Right		
Channel	TRP	TIS	Channel	TRP	TIS
0	3.66	-91.21	0	1.32	-85.29
39	3.02	-90.23	39	-0.06	-85.13
78	2.51	-89.01	78	-0.67	-84.91

4、BT antenna drawings

