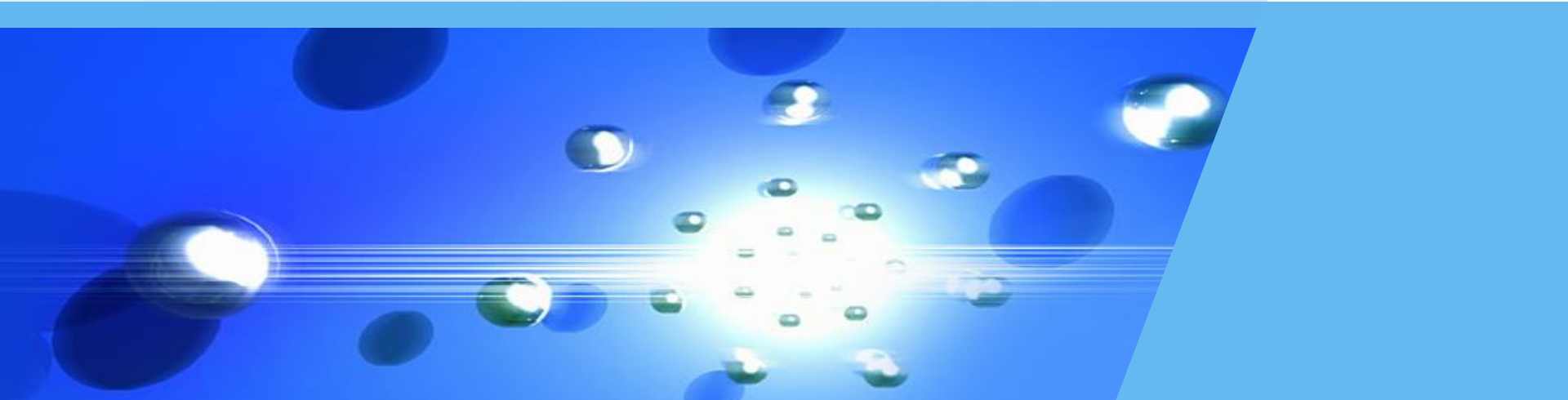


专业的**RF**研发机构



深圳安创智联电子有限公司

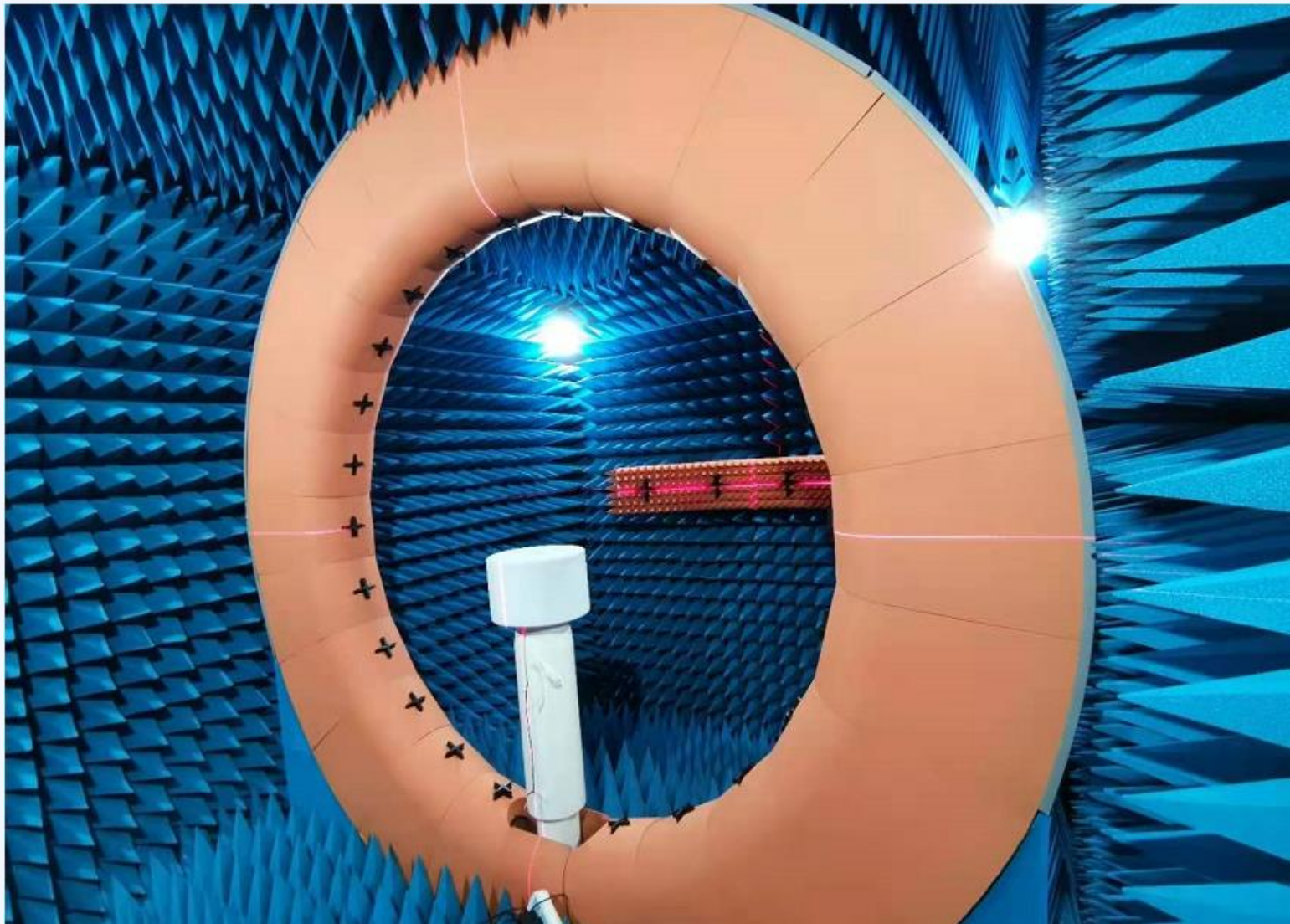
Antenna debugging report

地址：深圳市宝安区留仙一路二巷26号百财科技园L栋5楼5F

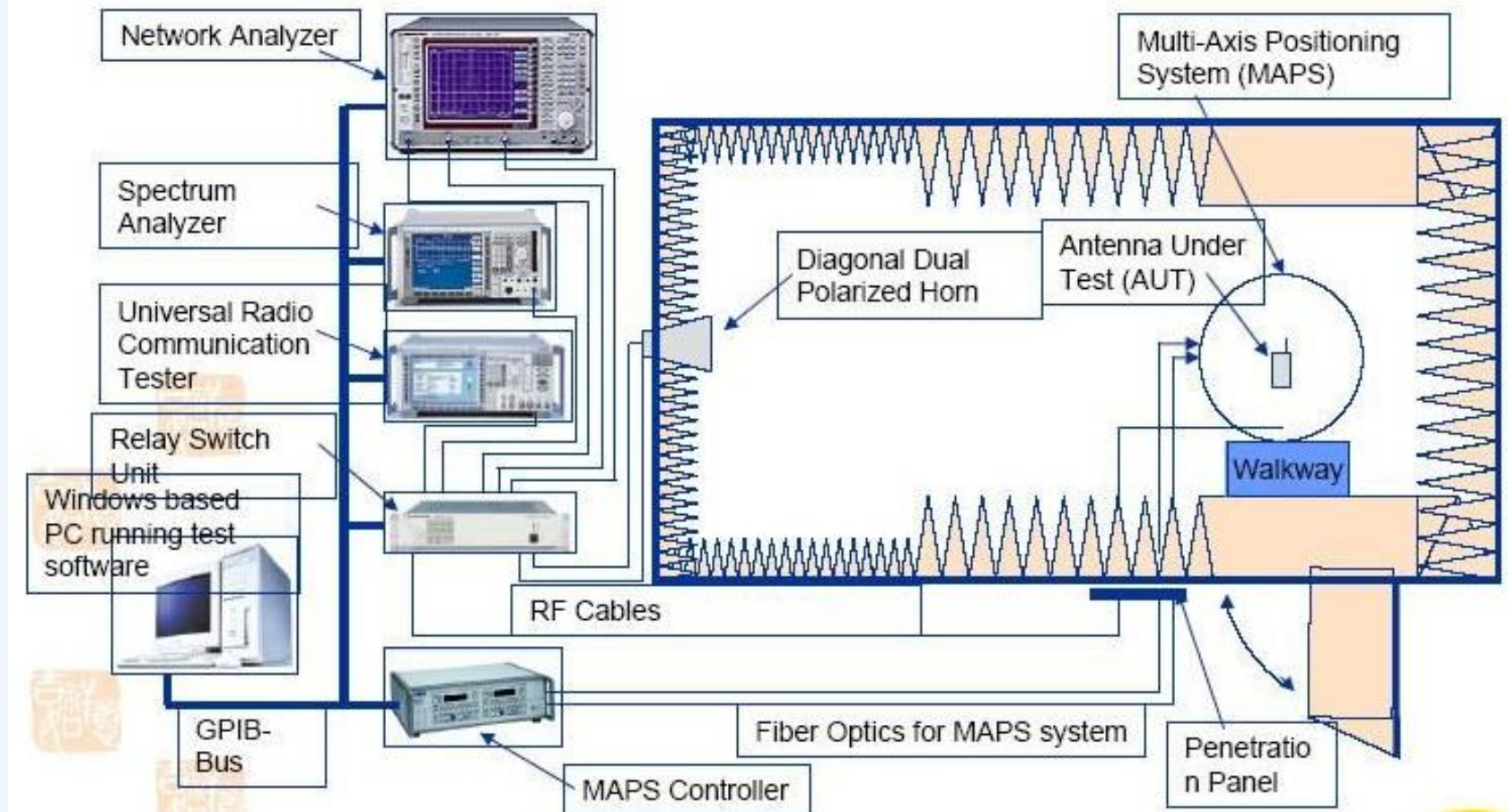
Project information

Customer:	佳信捷	项目-主板	Y19	Date	2023. 3. 22
Frequency band	2400-2500				
Antenna structure	FPC				
Radio frequency engineering	易龙辉				
Report version	V1.0				

SATIMO Dark room



Test system



Test environment

1.2 测试环境

测试环境	XH-IOE MPS2440 Test System
环境温度	23℃
环境湿度	52%
环境气压	101KPa

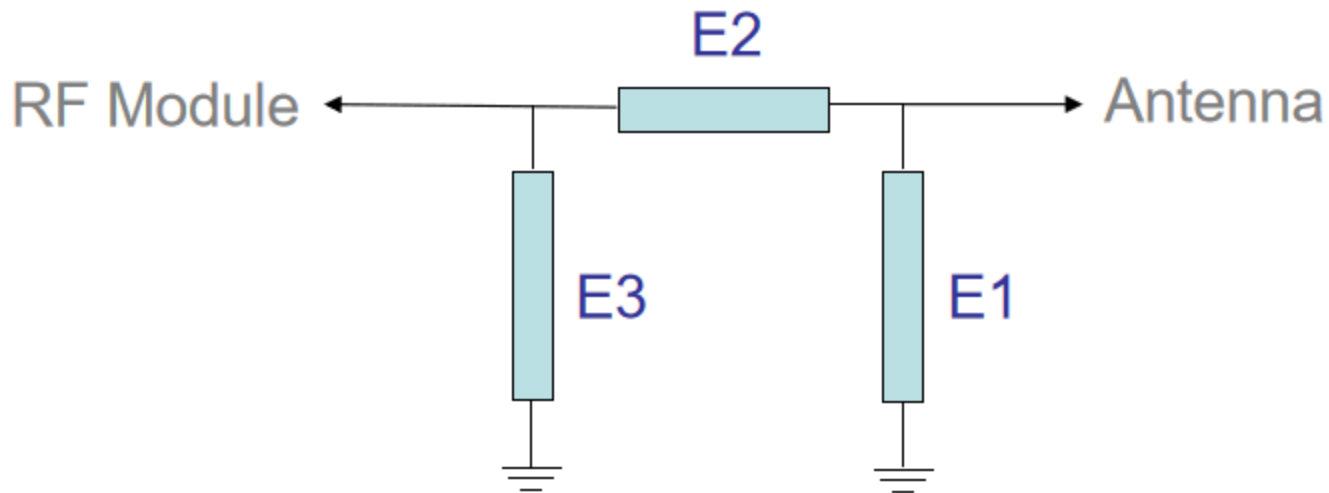
Directory

- 1、Product drawing
- 2、Matching circuit
- 3、Test data

Product drawing



Matching circuit

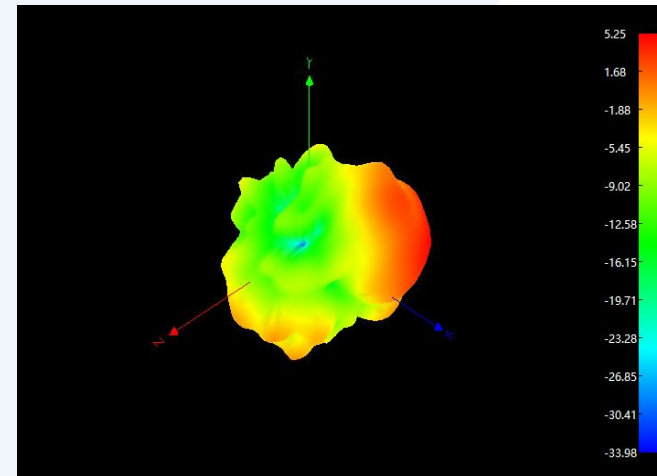
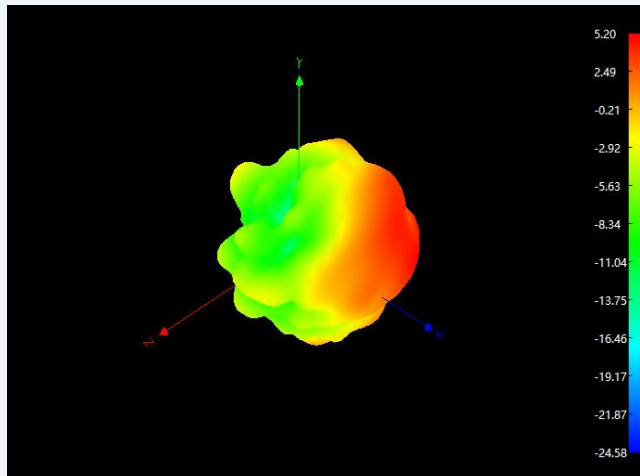
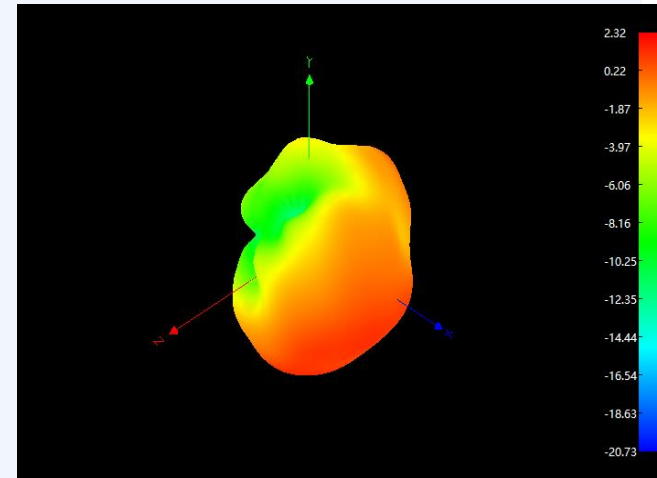
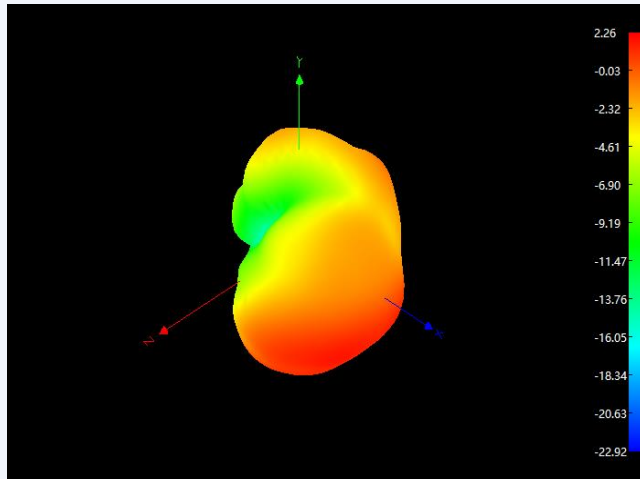


Element	Value
E1(0402)	
E2(0402)	
E3(0402)	
The original match is unchanged	

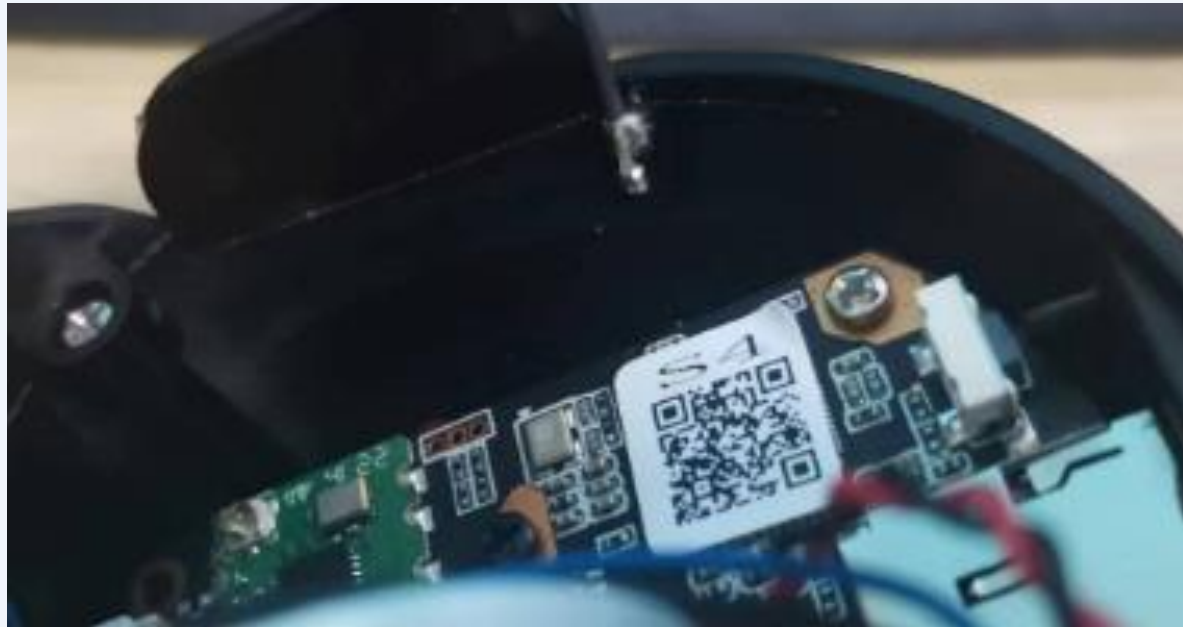
Antenna passive parameter

Frequency	Efficiency	Efficiency	Gain/ dBi
2400	-2.79	52.6	2.26
2410	-2.81	52.36	2.67
2420	-2.9	51.29	2.16
2430	-2.86	51.76	2.46
2440	-2.61	54.83	2.21
2450	-2.82	52.24	2.41
2460	-2.85	51.88	2.14
2470	-2.82	52.24	2.54
2480	-2.9	51.29	2.36
2490	-3.1	48.98	2.43
2500	-2.93	50.93	2.32

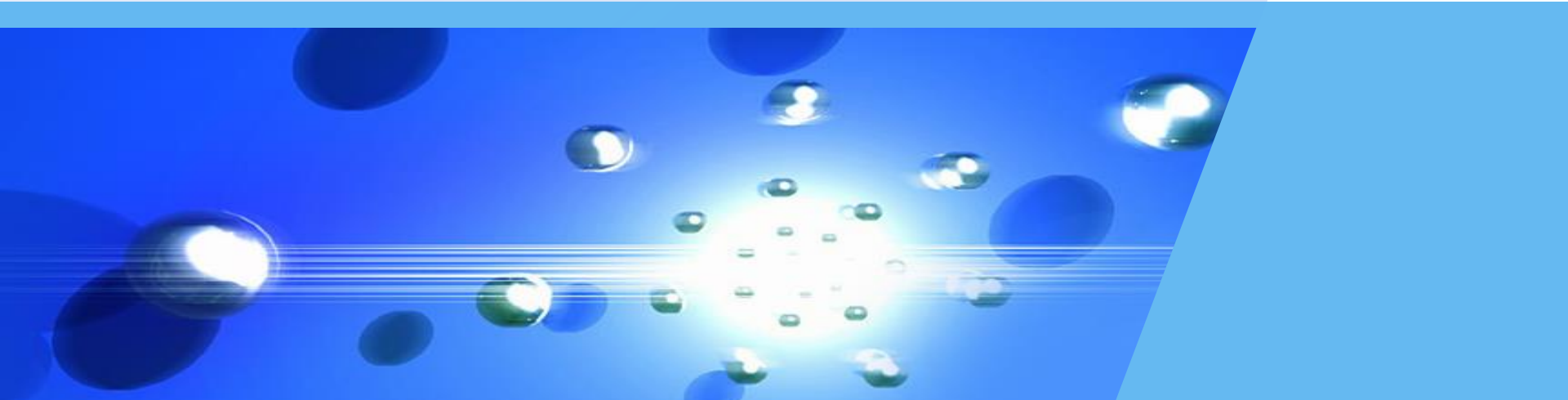
Direction chart



Assembly drawing



專業的**RF**研發機構

An abstract graphic featuring a deep blue background with several glowing, metallic-looking spheres of varying sizes. Some spheres are in sharp focus, while others are blurred, creating a sense of depth. Bright light rays emanate from a central cluster of spheres, spreading outwards. The overall composition is dynamic and futuristic.

Thank You !