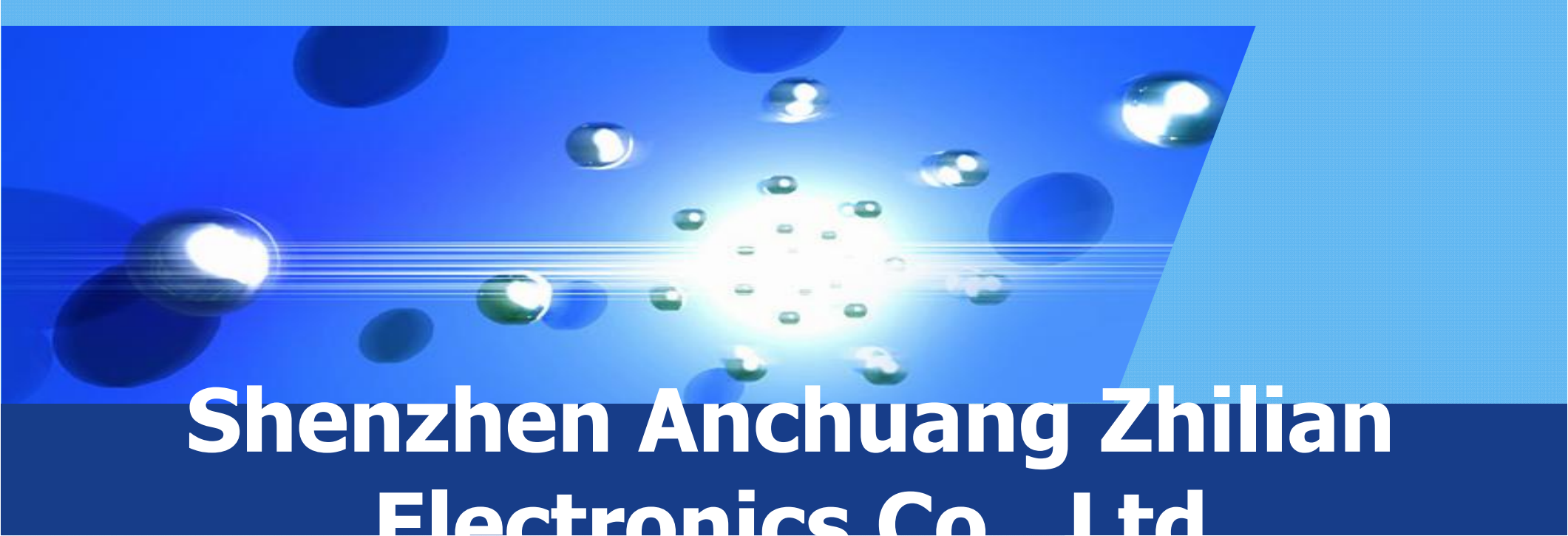




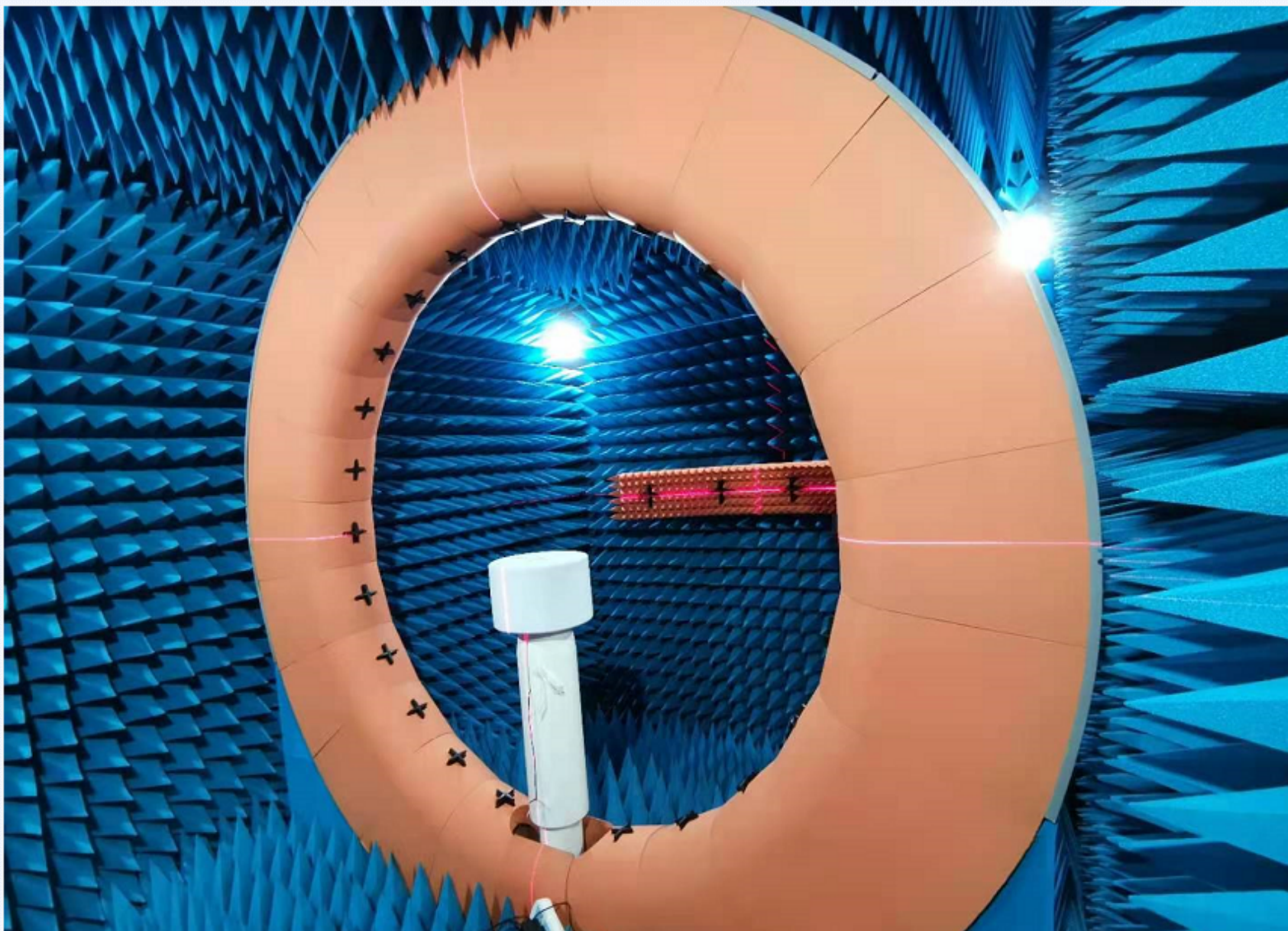
Shenzhen Anchuang Zhilian Electronics Co., Ltd

Antenna debugging report

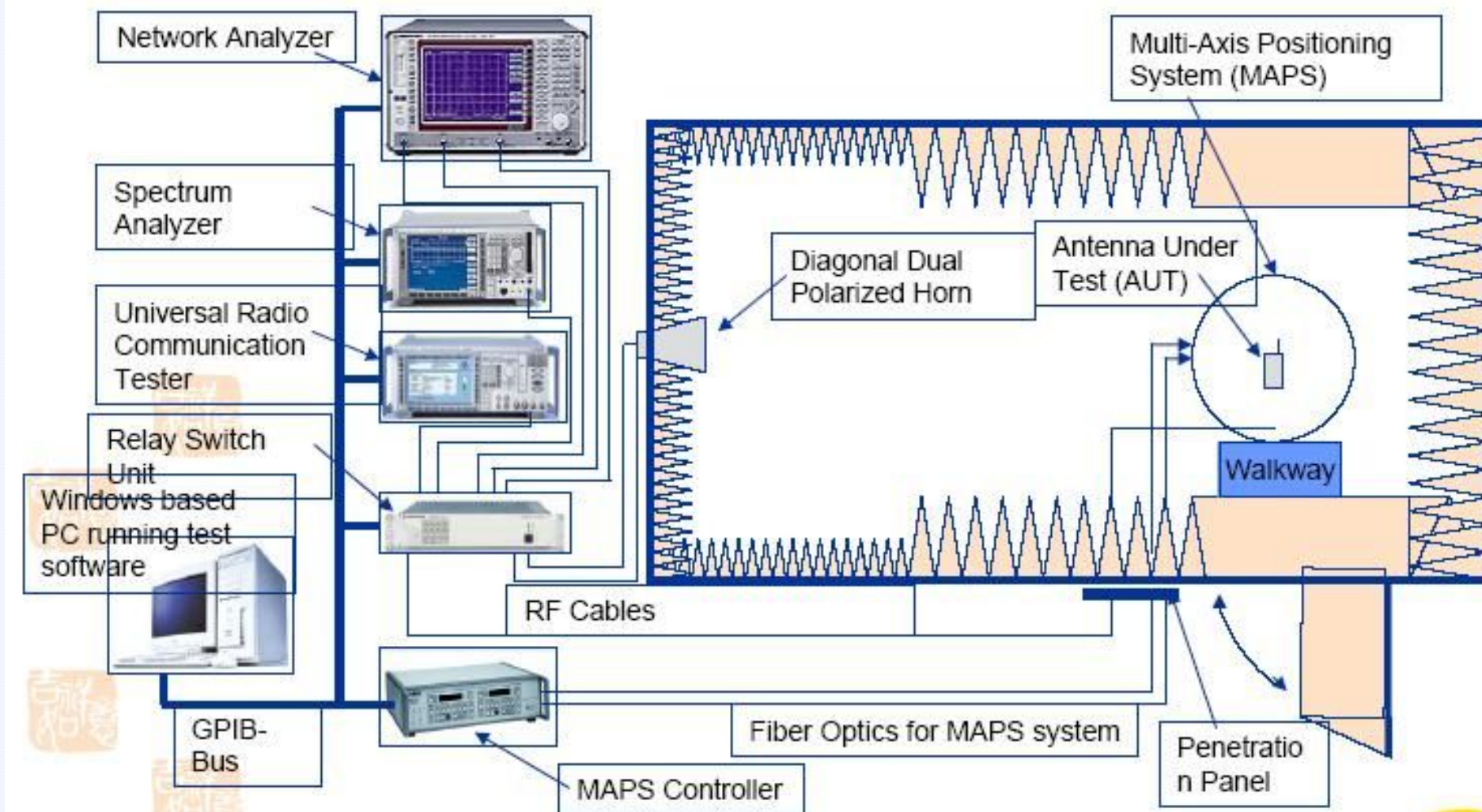
project information

custom:	Jarvis	Project - Motherboa rd	S7	date	2024.5.7
Frequency band	5100-5800				
Antenna Structure	FPC+black 0.81 second-generation terminal 50MM black bottom				
RF Engineeri ng	Yi Longhui				
Structura l engineeri ng	Liu Gong				
Report version	V1.0				

SATIMOdarkroom



test system

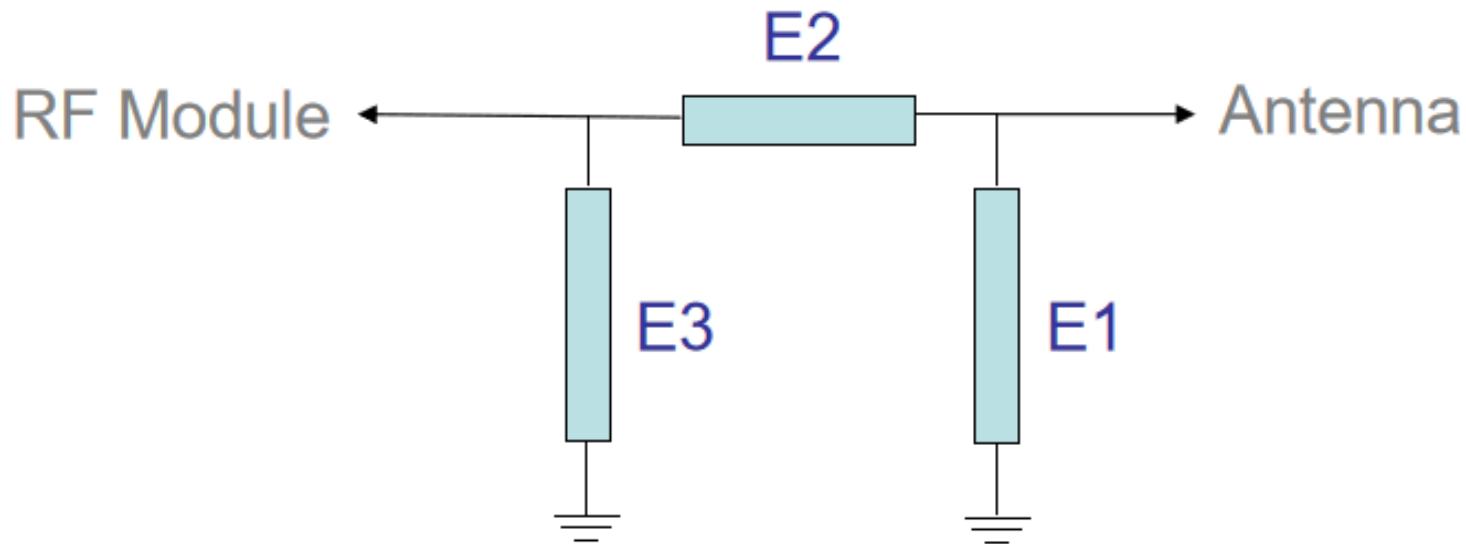


testing environment	
testing environment	XH-IOE MPS2440 Test System
ambient temperature	23°C
ambient humidity	52%
Ambient air pressure	101KPa

- 1、 product drawing
- 2、 matching circuit
- 3、 test data



matching circuit

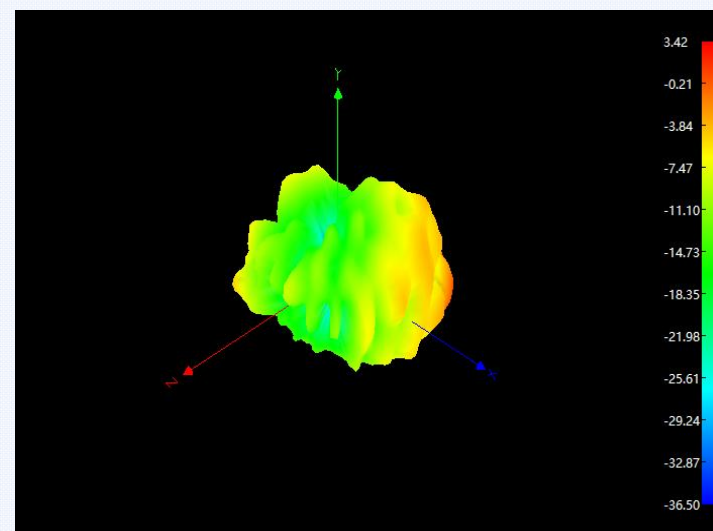
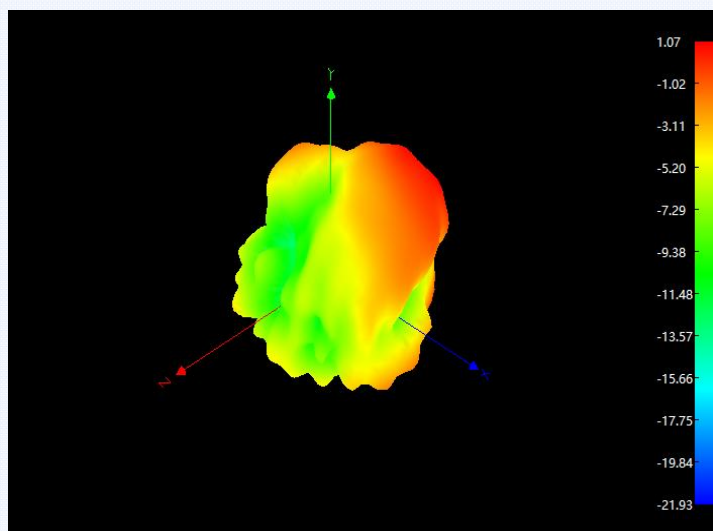


Element	Value
E1(0402)	
E2(0402)	
E3(0402)	
No changes made to the original match	

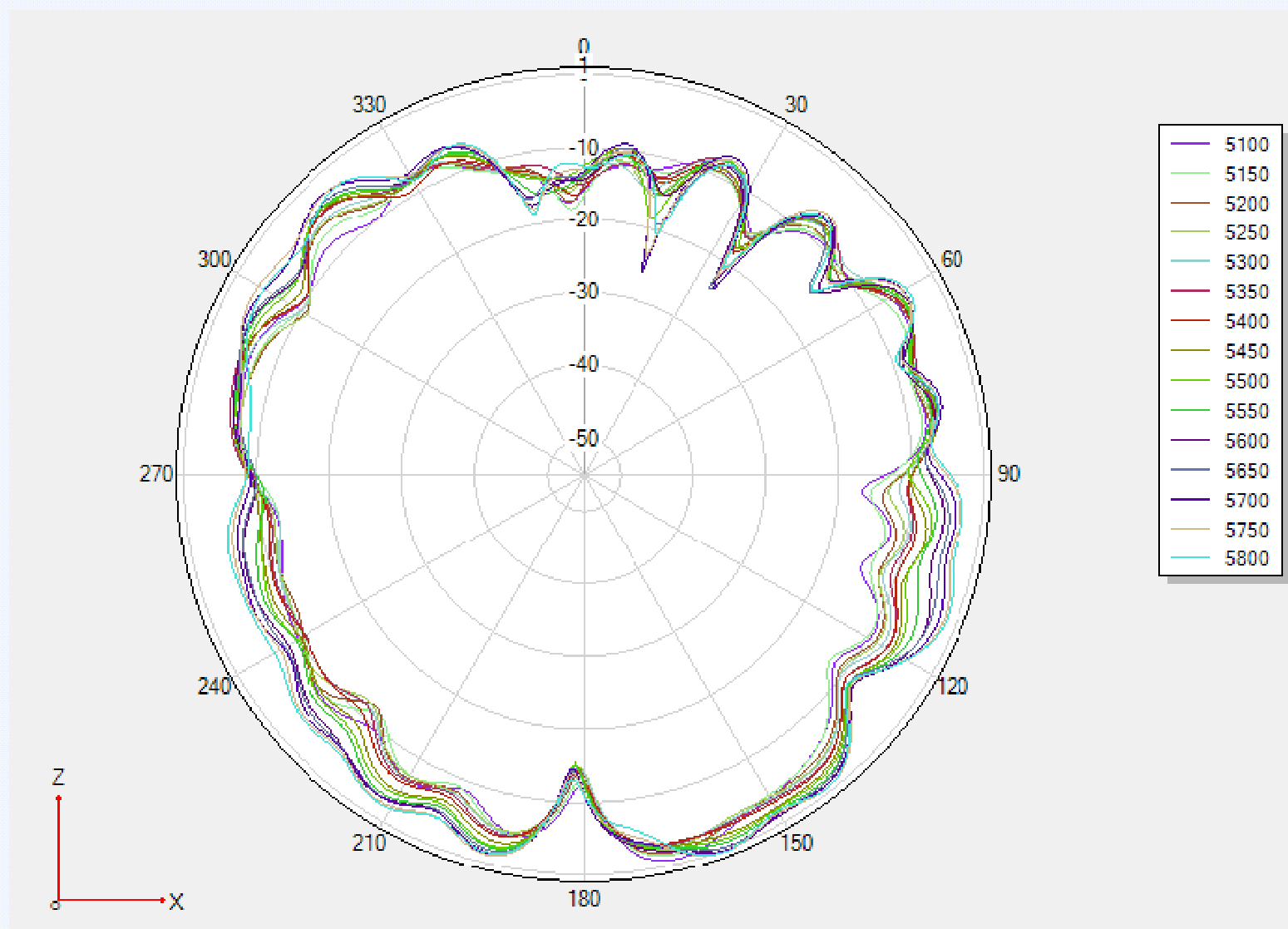
Passive test data

Frequency	Efficiency	Efficiency	Gain/ dBi
5100	-4.75	33.5	1.07
5150	-5.1	30.9	0.58
5200	-4.96	31.92	0.64
5250	-5.26	29.79	0.82
5300	-5.14	30.62	1.59
5350	-5.01	31.55	1.92
5400	-5.16	30.48	2.14
5450	-4.69	33.96	3.09
5500	-4.74	33.57	3.14
5550	-4.82	32.96	3.33
5600	-4.58	34.83	3.82
5650	-4.86	32.66	3.54
5700	-4.76	33.42	3.85
5750	-4.89	32.43	3.72
5800	-5.12	30.76	3.42

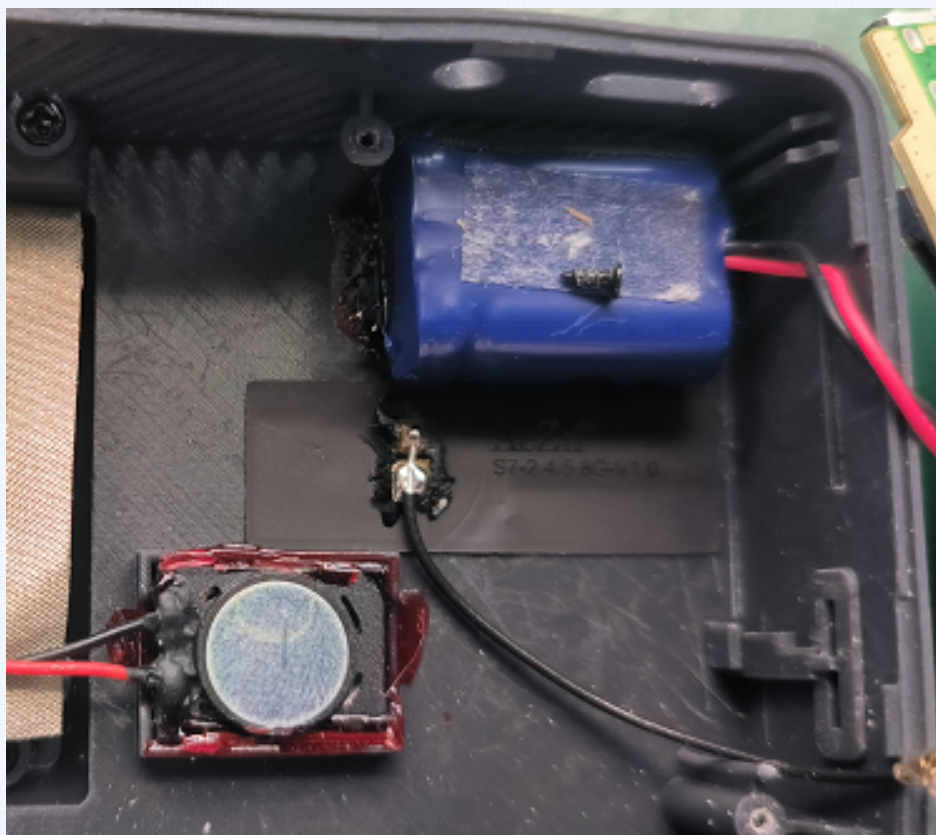
Directions

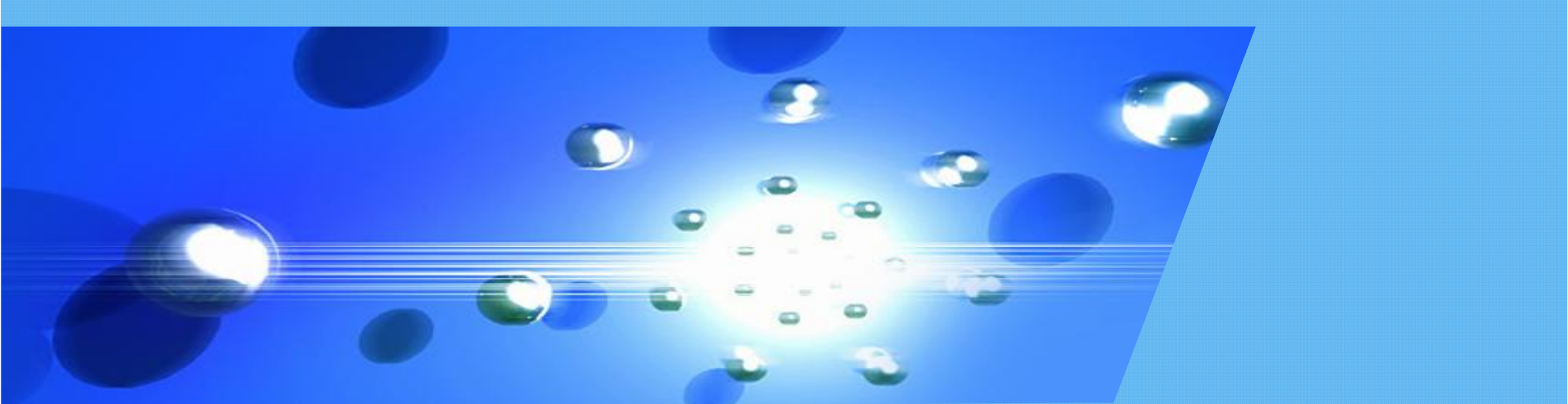


2D map



Assembly drawing





Thank You !

