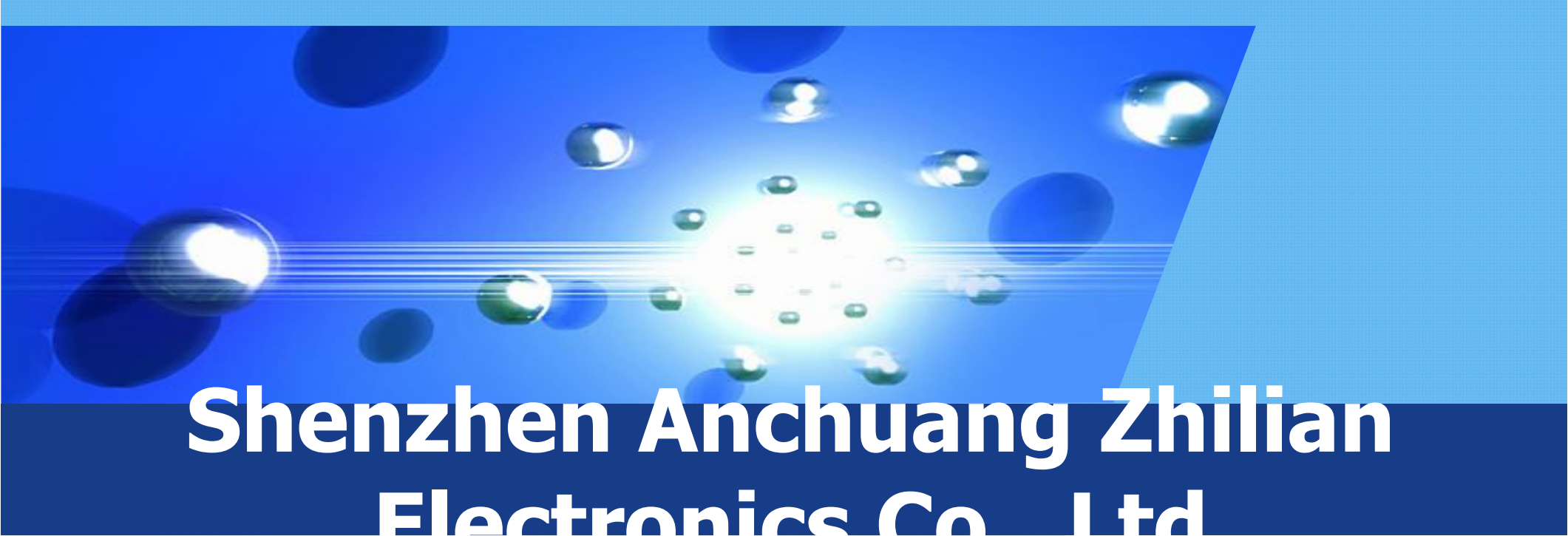




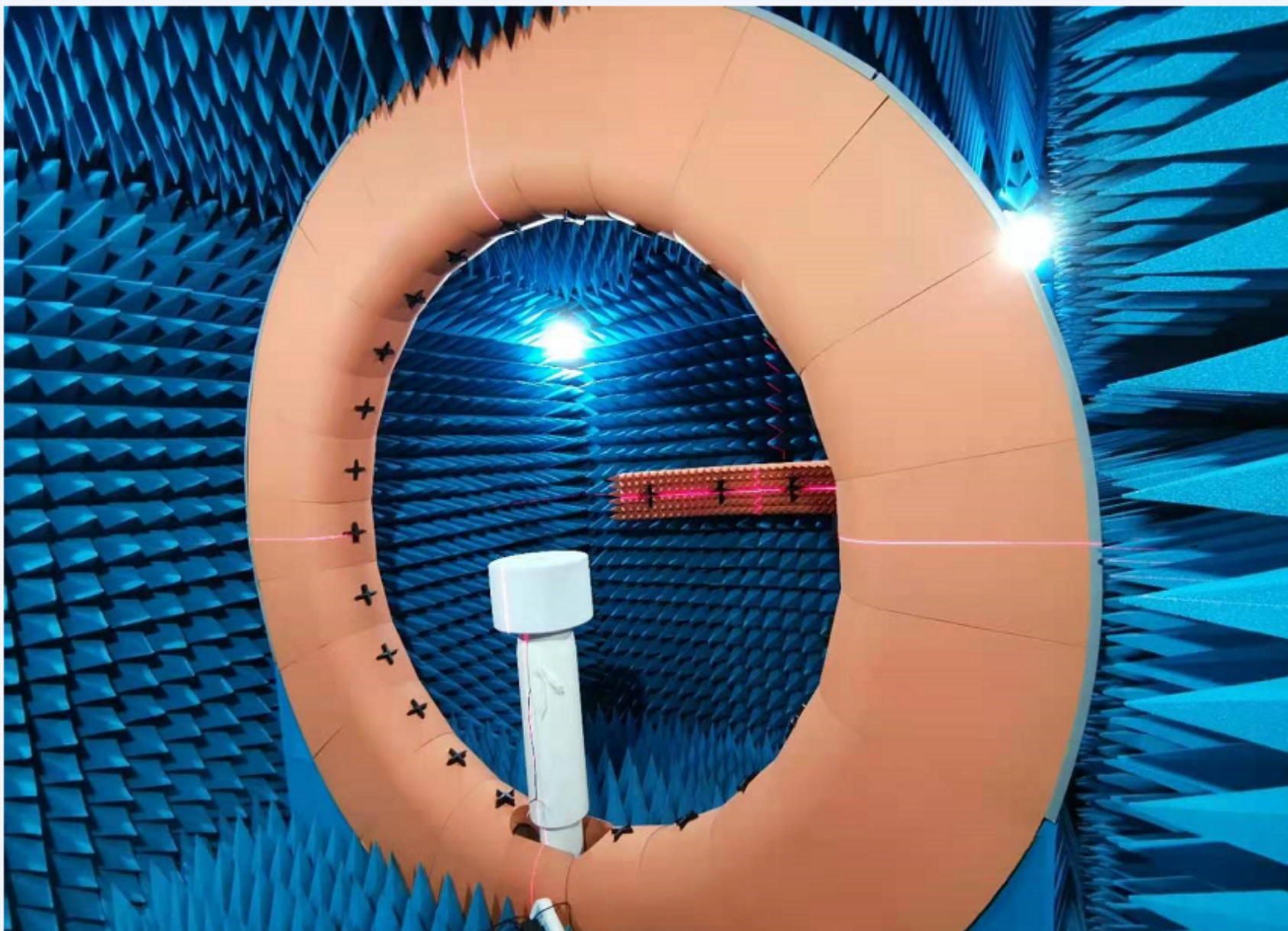
Shenzhen Anchuang Zhilian Electronics Co., Ltd

Antenna debugging report

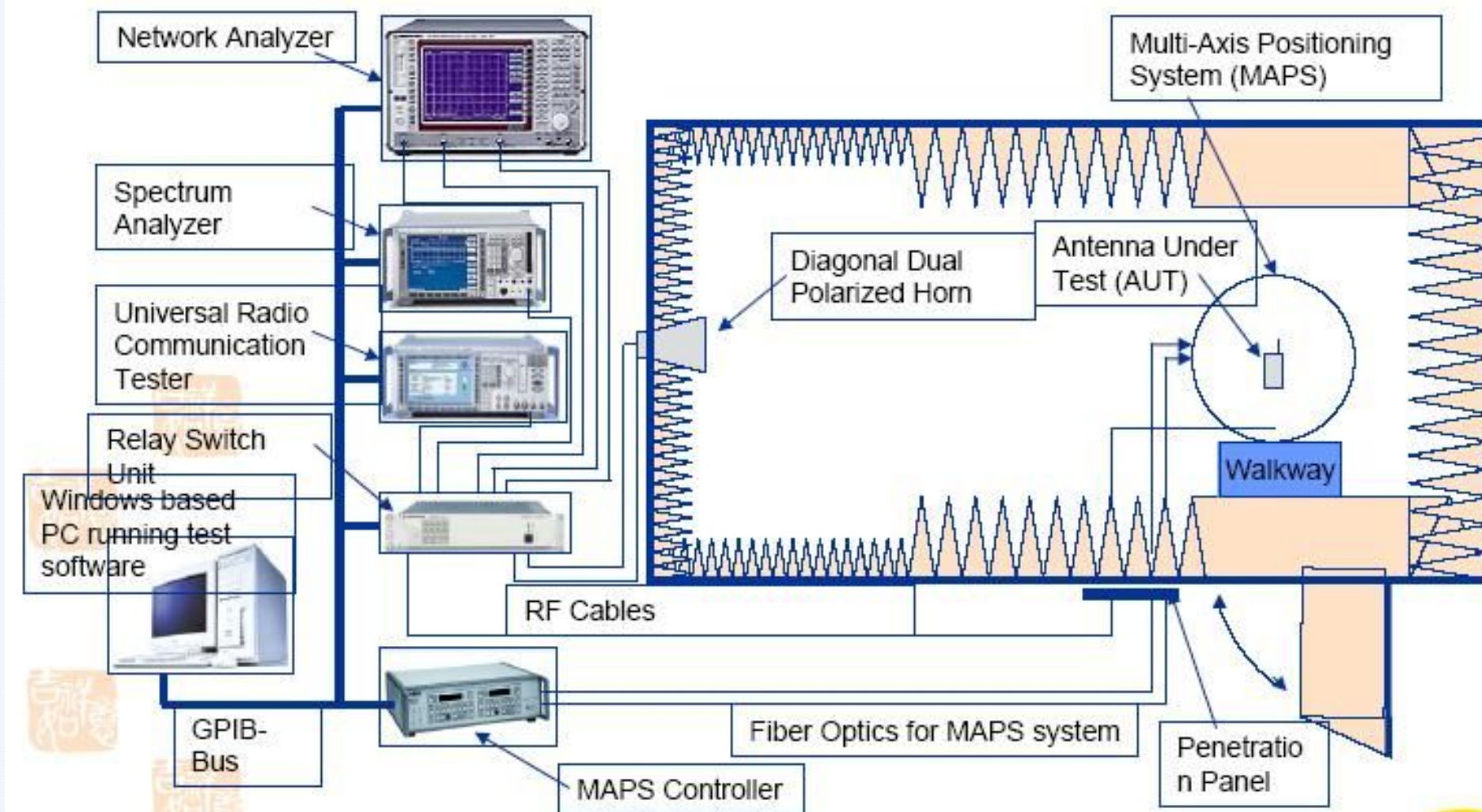
project information

custom:	Jarvis	Project - Motherboa rd	G900Pro	date	2024.6.11
Frequency band	2400-2500 5100-5800				
Antenna Structure	FPC+1.13 85mm without terminal				
RF Engineeri ng	Yi Longhui				
Structura l engineeri ng	Liu Gong				
Report version	V1.0				

SATIMOdarkroom



test system

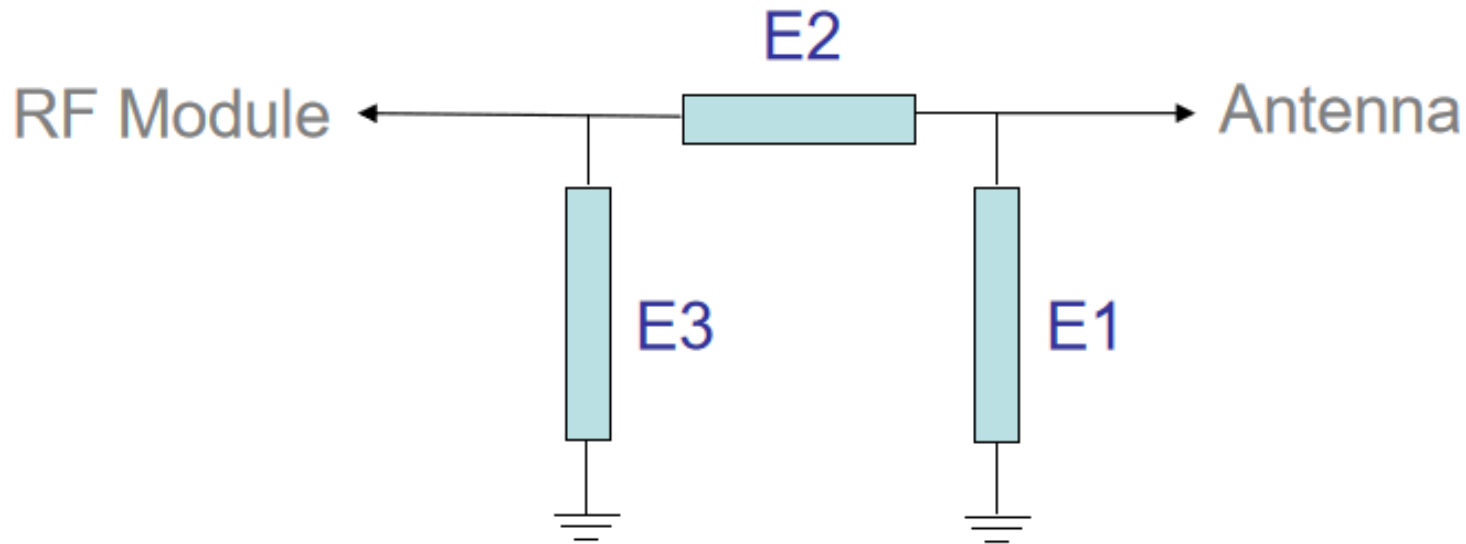


testing environment	
testing environment	XH-IOE MPS2440 Test System
ambient temperature	23°C
ambient humidity	52%
Ambient air pressure	101KPa

- 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

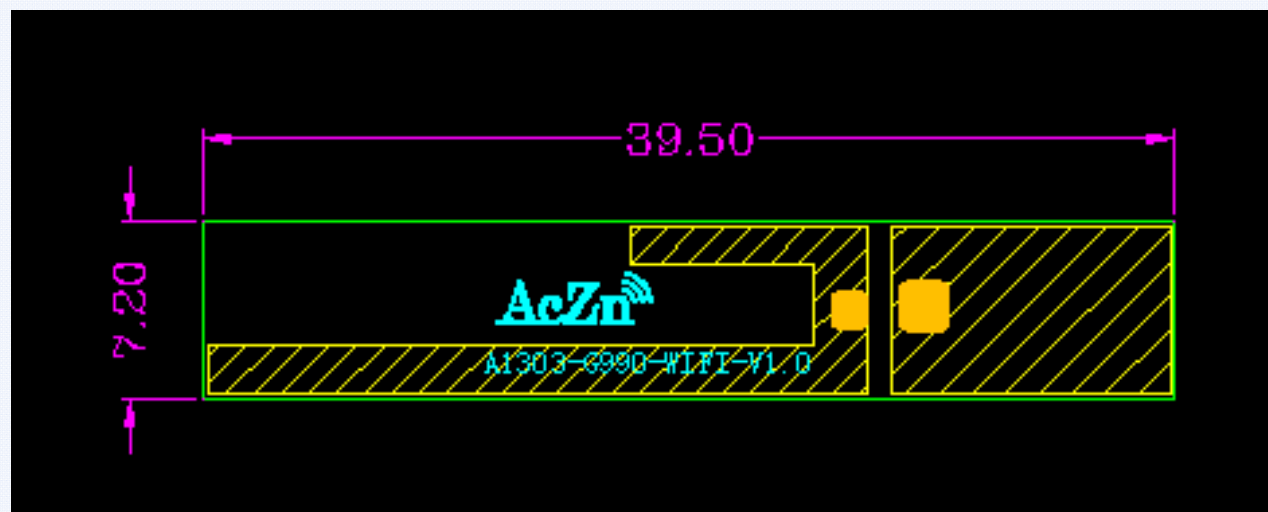
Frequency	Efficiency	Efficiency	Gain/ dBi
2400	-6.93	20.28	0.85
2410	-7.09	19.54	0.86
2420	-6.75	21.13	1.25
2430	-6.09	24.6	2.31
2440	-5.87	25.88	2.55
2450	-5.86	25.94	2.7
2460	-5.42	28.71	3.14
2470	-5.44	28.58	3.43
2480	-5.48	28.31	3.32
2490	-5.24	29.92	3.84
2500	-5.32	29.38	3.56

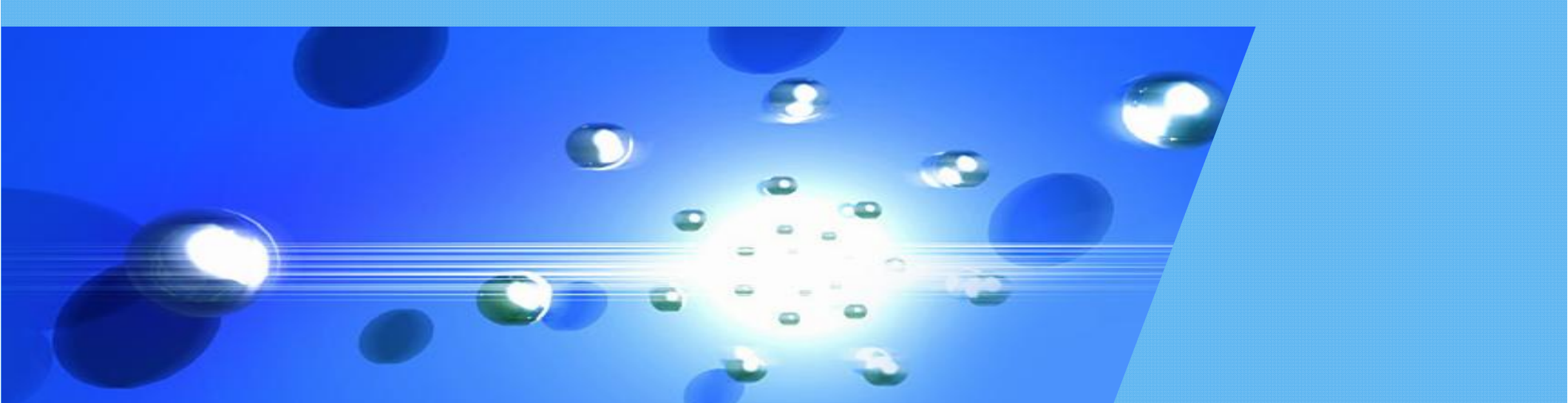
5100	-3.68	42.85	4.12
5150	-3.55	44.16	4.21
5200	-3.35	46.24	4.31
5250	-3.33	46.45	4.04
5300	-3.54	44.26	4.03
5350	-3.74	42.27	3.87
5400	-3.77	41.98	3.56
5450	-3.79	41.78	3.63
5500	-4.12	38.73	3.38
5550	-4.3	37.15	3.28
5600	-4.29	37.24	3.49
5650	-4.28	37.33	3.6
5700	-4.35	36.73	3.97
5750	-4.33	36.9	4.25
5800	-4.67	34.12	3.86

Assembly drawing



Antenna map





Thank You !

