
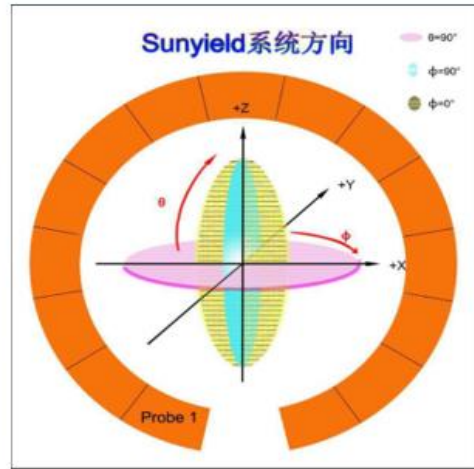
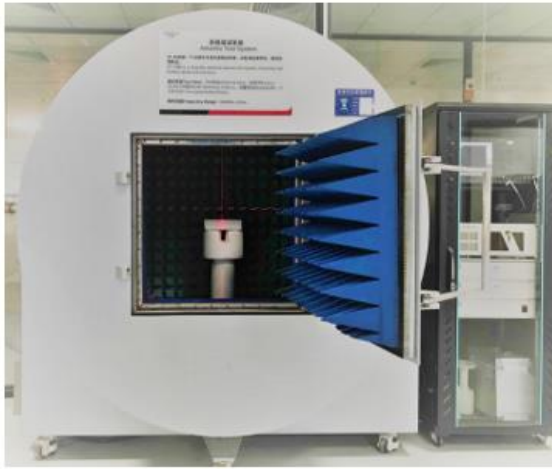
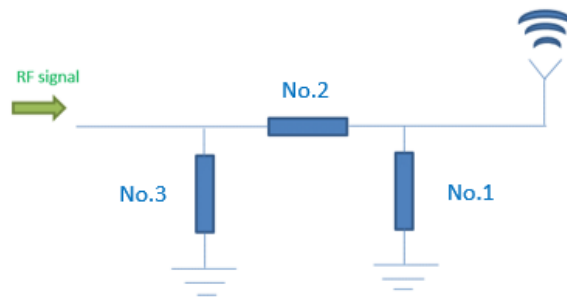
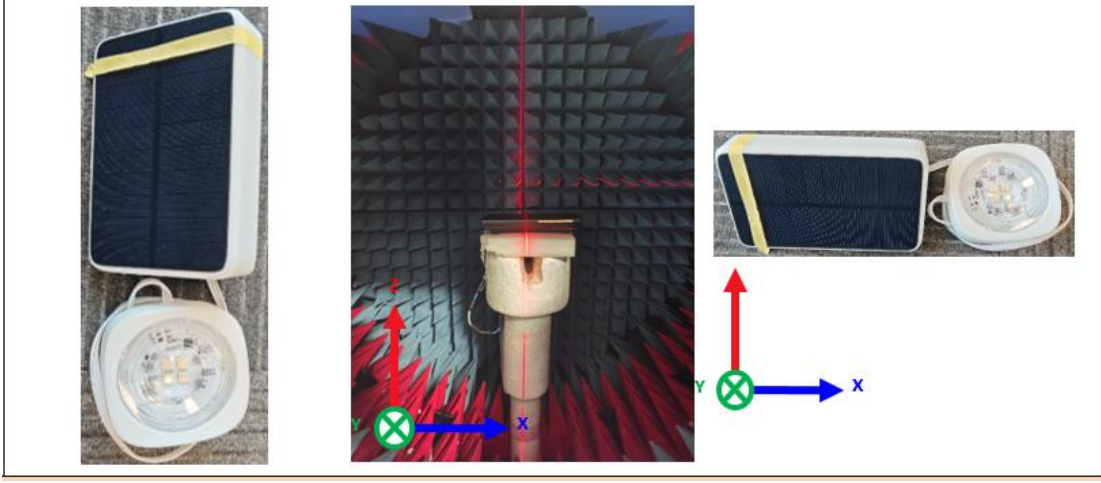


Product Information			
Client	S05泳池灯	Protocol	BLE
Project Number	\	Sample Quantity	1
Model Number	LBP13B001A V2.0	PCB Version	
Chip Type	PHY6225	Structure Version	
Sample Pictures			
Summary			
No.	Items	Remark	
1	Passive Test	/	
2	Rawdata	/	
3	Raw File	/	
Author	Xiaoyong Wang	Test Date	2025.4.15
Verifier	Xiaoyong Wang	Review Date	2025.4.15
Date	Version	Revise Content	Reviser
2025.3.24	V2.0	Establish Report	Xiaoyong Wang

SY-16M Test System

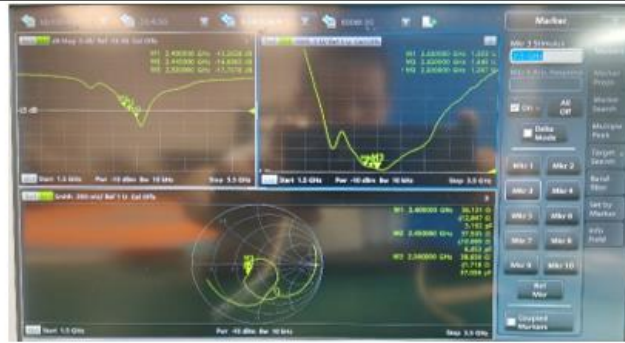


Sample Picture

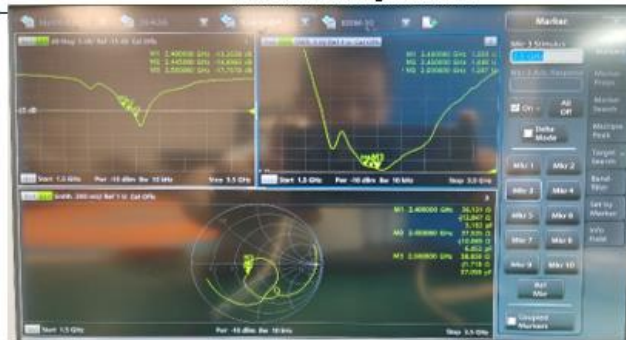


VNA Data

Original Result of Simulation Setting



Final Tuning Result



Chamber Data

Frequency (MHz)	Gain (dBi)	Efficiency (dB)	3D	$\theta = 90^\circ$ (XY Plane)
2400	2.07	-2.97		
2410	2.62	-2.47		
2420	2.82	-2.37		
2430	2.89	-2.39		
2440	3.39	-1.98		
2450	3.44	-2.01		
2460	3.31	-2.23		
2470	3.46	-2.14	$\Phi = 0^\circ$ (XZ Plane)	$\Phi = 90^\circ$ (YZ Plane)
2480	3.68	0		
2490	3.48	-2.19		
2500	3.53	-2.17		
-	-	-		
MIN	2.07	-2.97		
MAX	3.68	0.00		
AVG	3.15	-2.08		