

Product Information

Client		Protocol	
Project Number	Mujoy智能户外路径灯控制器	Sample Quantity	
Model Number		PCB Version	
Chip Type		Structure Version	

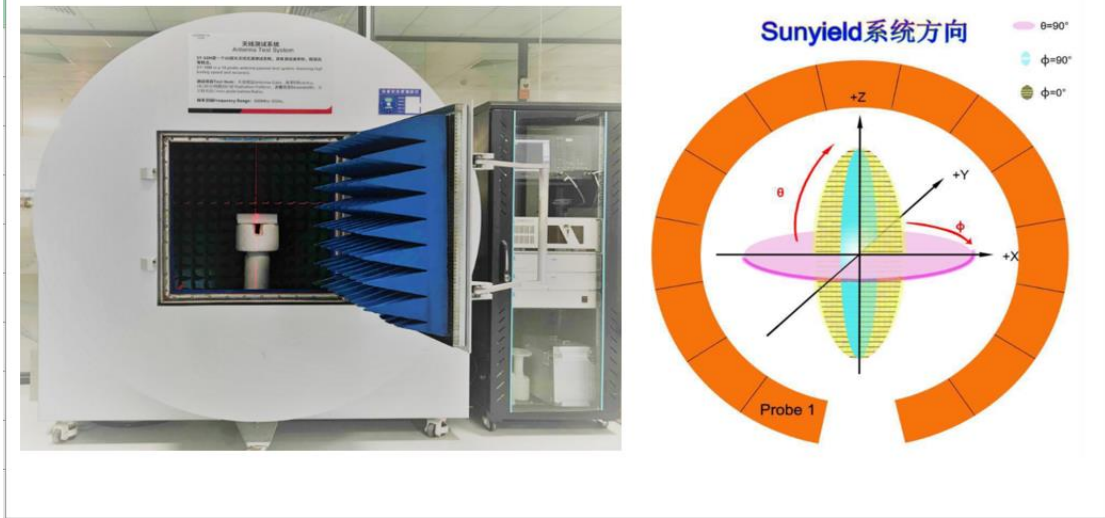
Sample Pictures



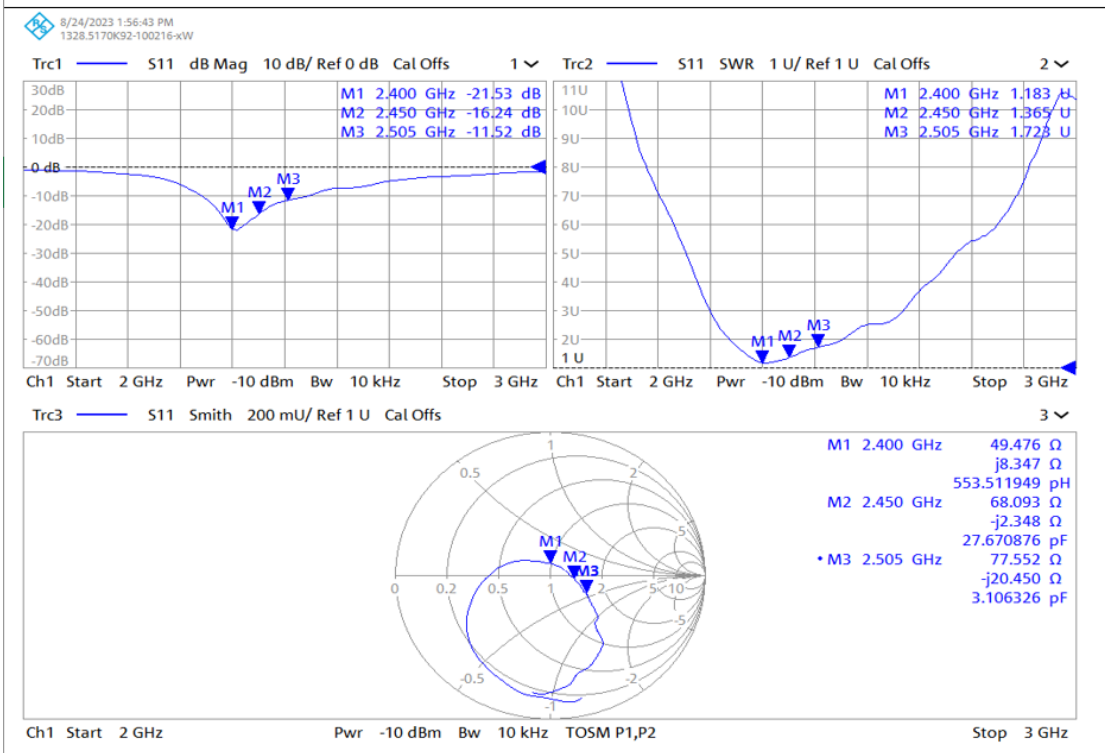
Summary

No.	Items	Remark	
1	Passive Test	/	
2	Rawdata	/	
Author	Zhu Wei	Test Date	2023/8/25
Verifier	Wang Xiao yong	Review Date	2023/8/25
Date	Version	Revise Content	Reviser
2023/8/25	V2.1	Establish Report	Zhu Wei

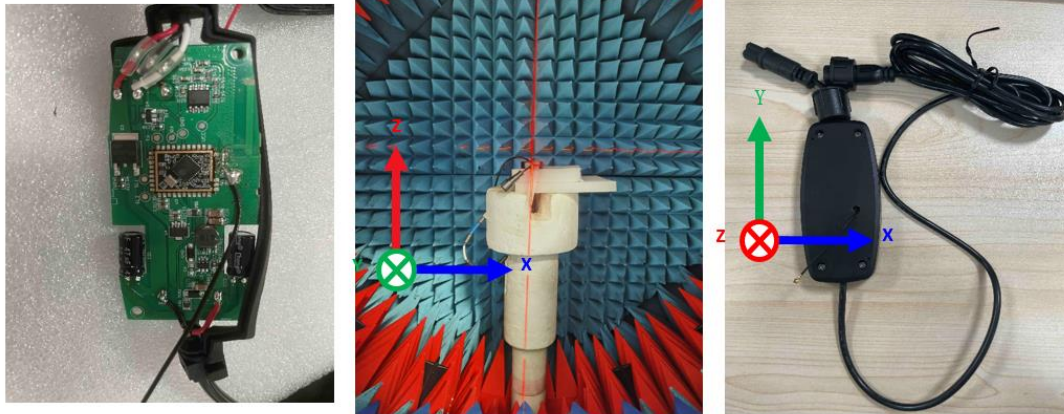
SY-16M Test System



VNA Data



Sample Picture



Chamber Data

Frequency (MHz)	Gain (dBi)	Efficiency (dB)	3D	$\theta = 90^\circ$ (XY Plane)
2400	1.76	-2.68		
2410	2.07	-2.40		
2420	1.92	-2.44		
2430	1.76	-2.39		
2440	1.81	-2.17		
2450	1.77	-2.32		
2460	1.78	-2.35		
2470	1.79	-2.26	$\phi = 0^\circ$ (XZ Plane)	$\phi = 90^\circ$ (YZ Plane)
2480	1.81	-2.25		
2490	1.75	-2.23		
2500	1.76	-2.13		
MIN	1.75	-2.68		
MAX	2.07	-2.13		
AVG	1.82	-2.33		