

SPECIFICATION FOR APPROVAL

CUS PART NO: ASTRA-30CM

PART NAME: Aquarium light

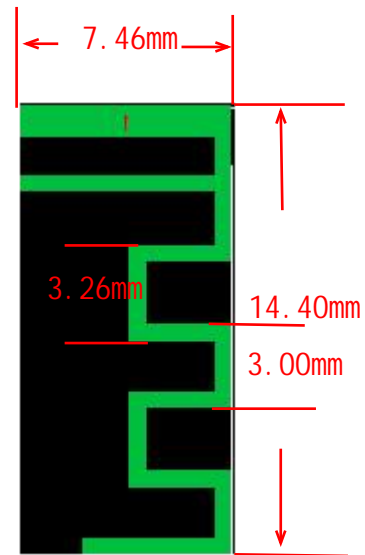
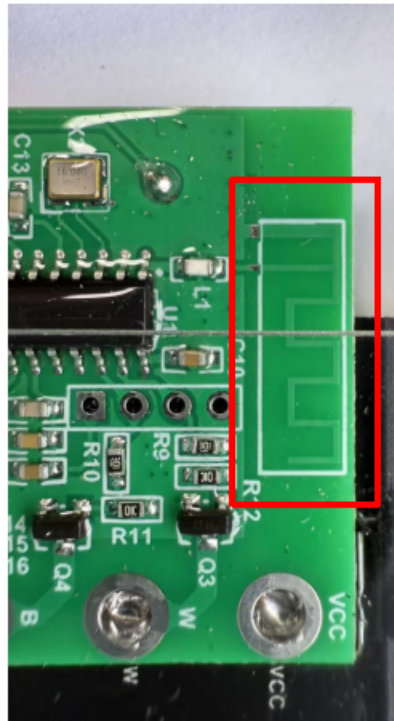
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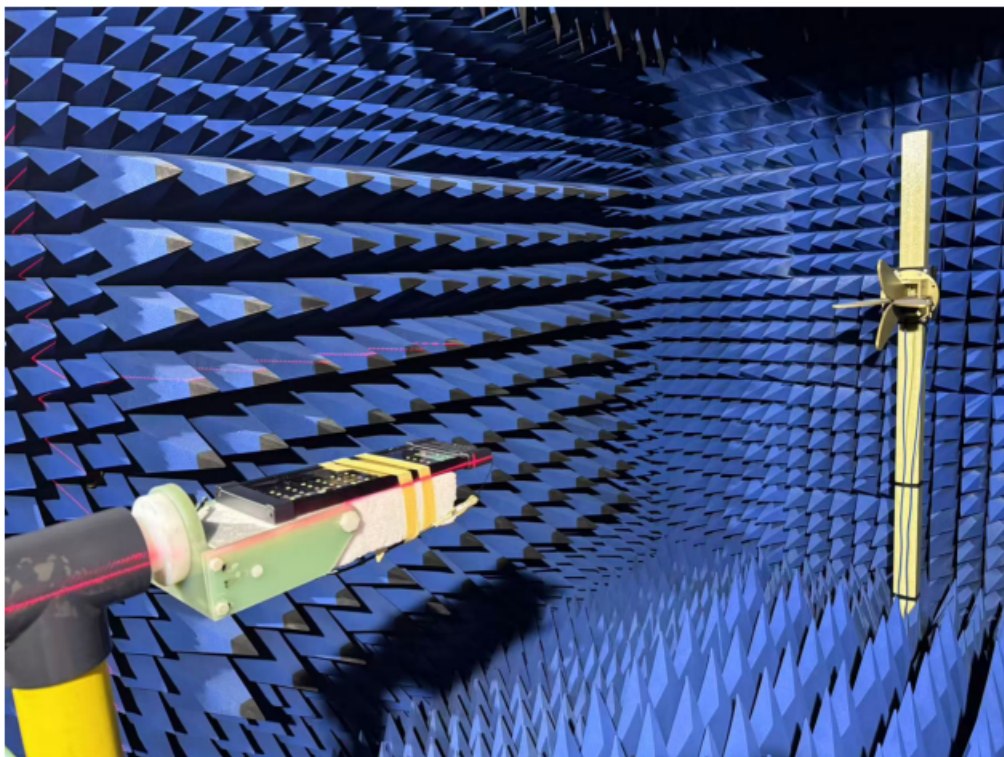
1. Performance parameter

Name	Aquarium light
Model Type	PCB Antenna
Frenquency Range	2400-2500 MHz
SIZE	/
Impedance	50 Ω
VSWR	<7.07
Max Gain	-5.96 dBi
Manufacture	Zhongshan Dongfeng Town Zhiyue Electronic Equipment Factory
Address	Zhongshan City, Guangdong Province, mainland China , One of the first floors of the third floor, No. 1, North Corner Street, Xiaoli Community, Dongfeng Town
Application	Zhongshan Dongfeng Town Zhiyue Electronic Equipment Factory

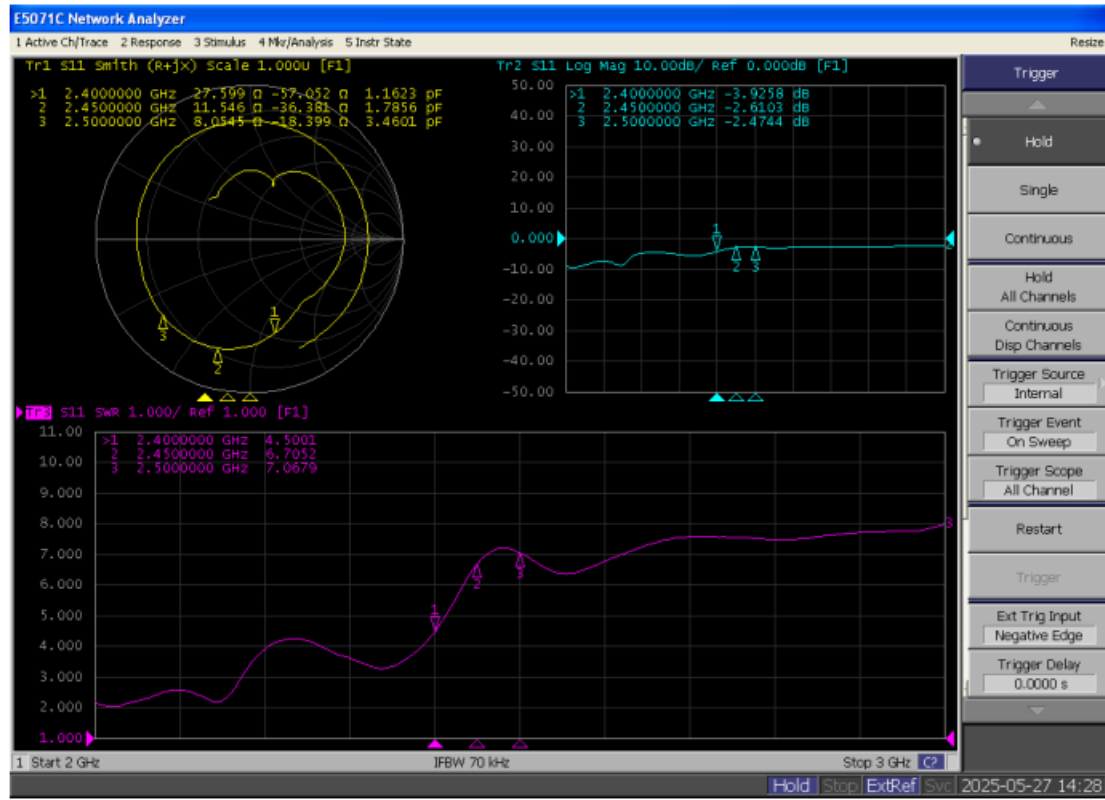
2.Appearance



3.EUT setup photo of free space OTA testing



4.VSWR parameters



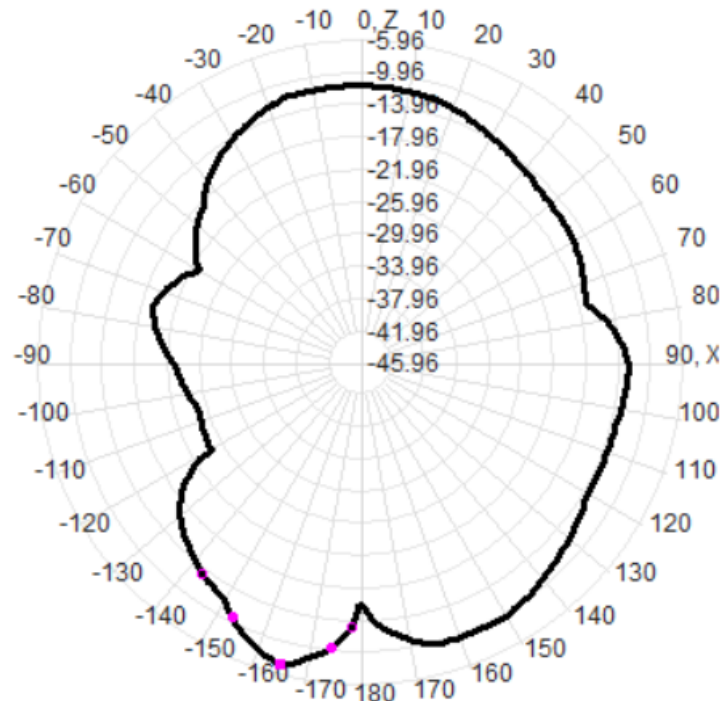
Frequency (MHz)	2400	2450	2500
VSWR	4.50	6.70	7.07

5.Passive test data:

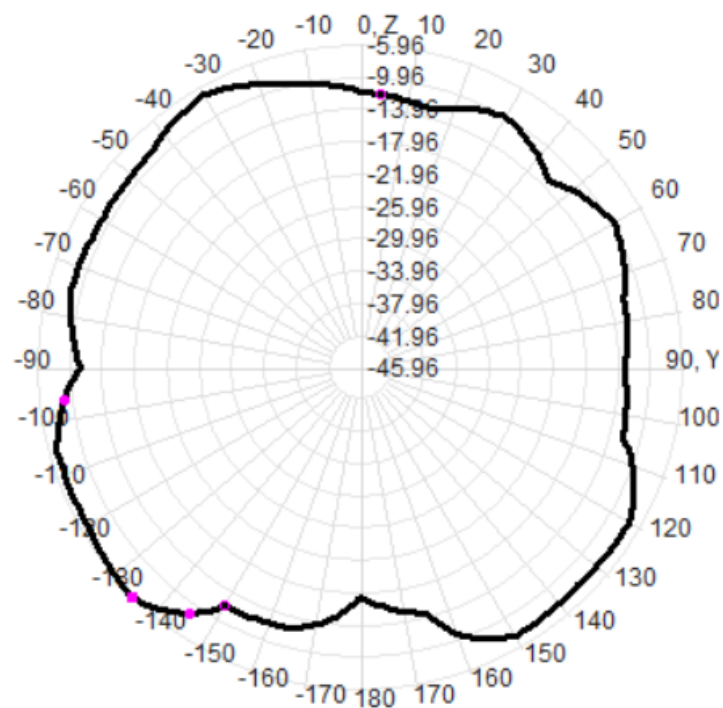
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	-5.96	-6.53	-6.46	-7.11	-7.74	-7.59	-7.65	-8.45	-8.77	-9.17	-8.53
Efficiency(%)	5.90	5.99	6.51	6.46	6.73	7.11	7.49	7.14	7.06	6.73	7.38

6. Radiation pattern

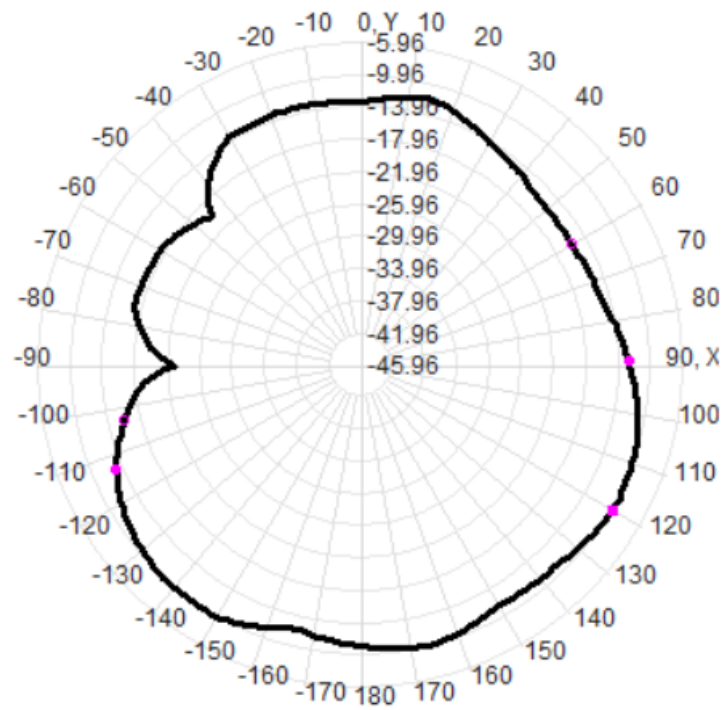
2400.0MHz Total(E1-XZ), Max= -7.41dBi



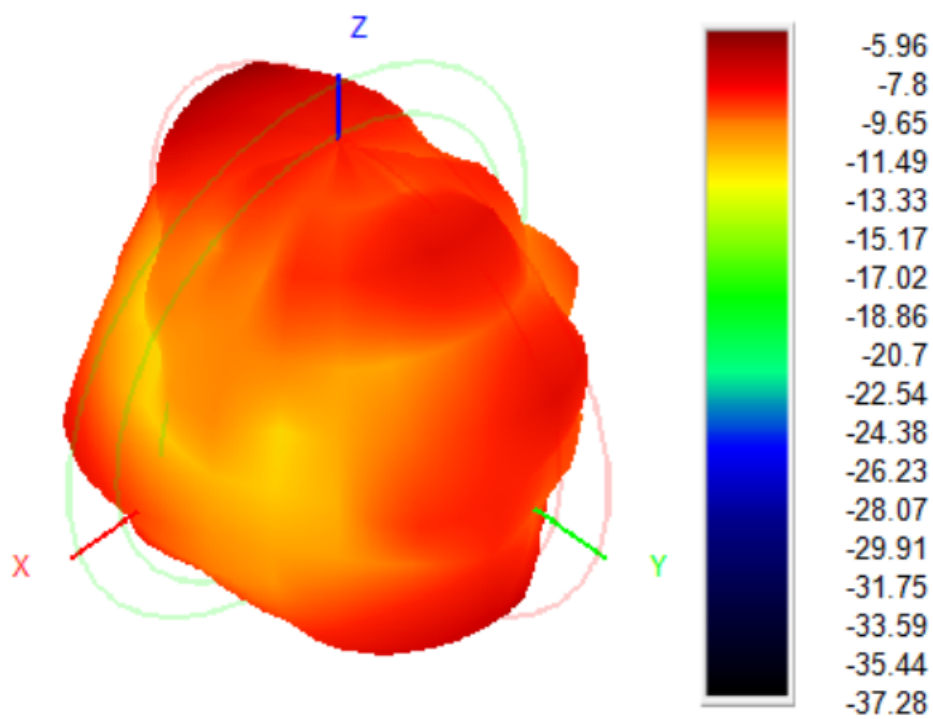
2400.0MHz Total(E2-YZ), Max= -5.96dBi



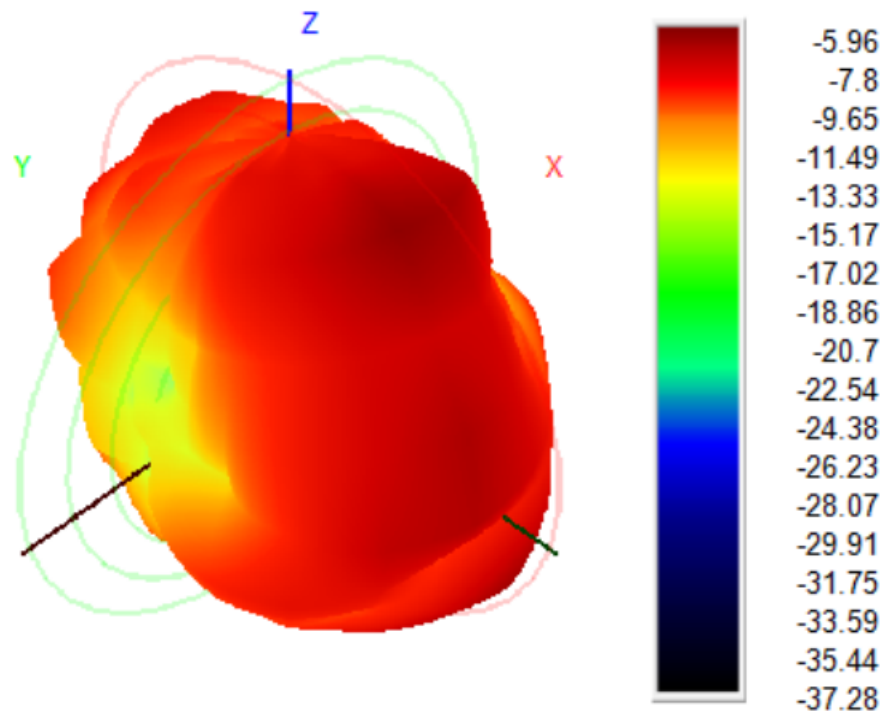
Total(H-XY), Max= -9.97dBi, CirD=13.02



2400.0MHz H+V, Eff: 6.5%



Back View



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