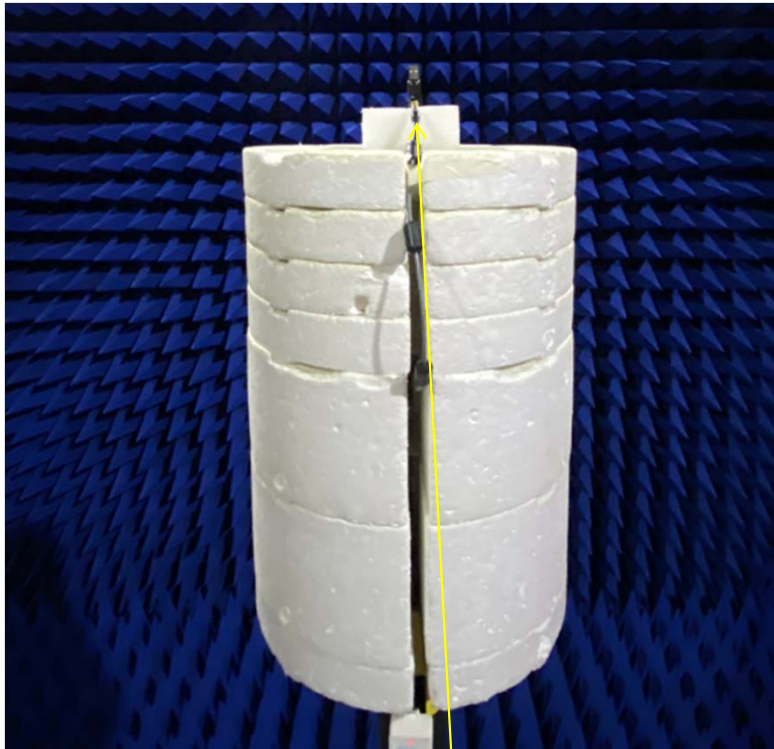


Antenna Study

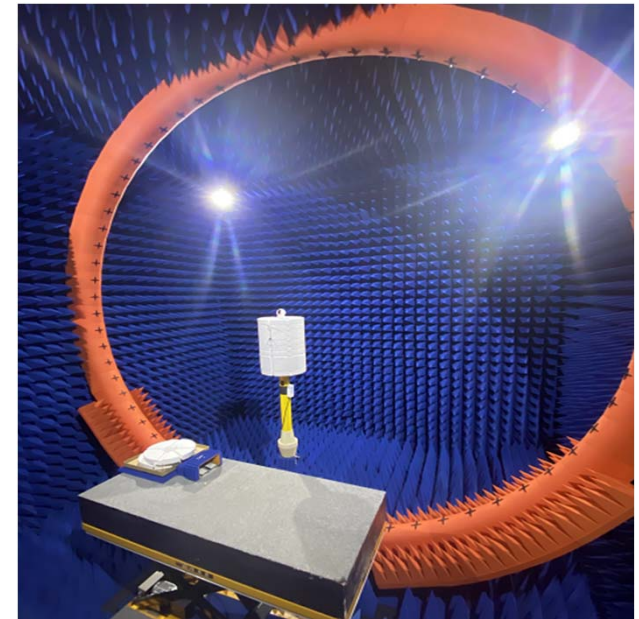
- **Client Name: Linhai Daqi Lighting Technology Co., Ltd**
- **Address: Datian Street, Linhai City, Taizhou City, Zhejiang Province**
- **Project Name : Colored leather wire light**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2024.08.17**

PCB Antenna

Dongguan UB Electronics Co., Ltd



Testing environment



Testing 3D microwave darkroom(6m*6m*6m)

PCB Antenna

Dongguan UB Electronics Co., Ltd

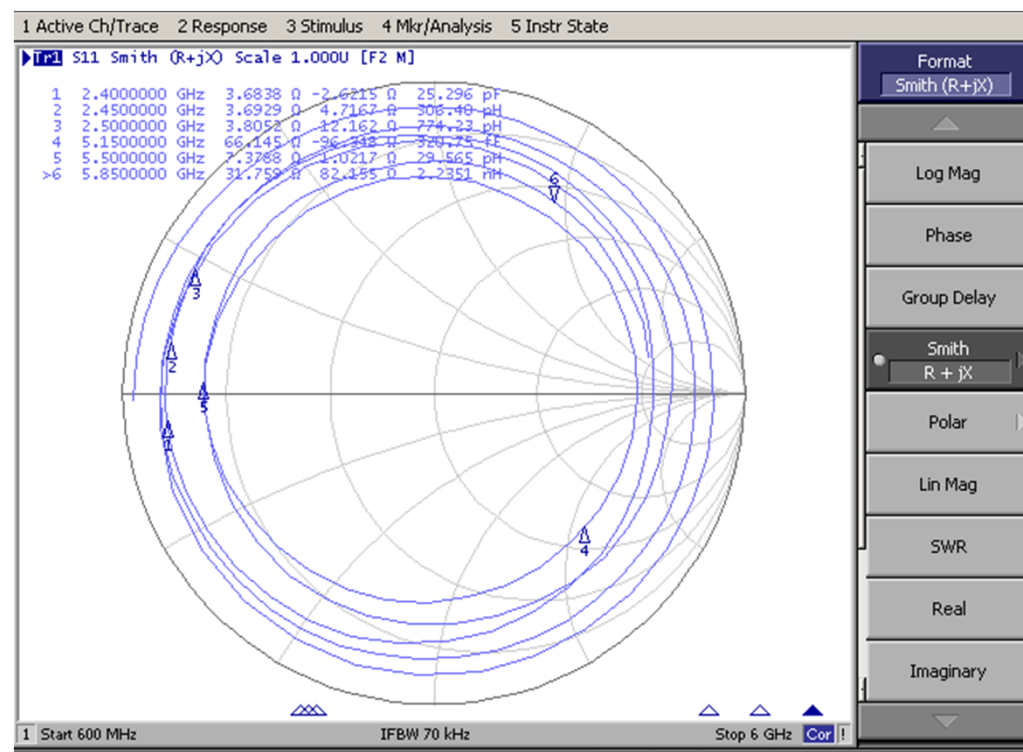
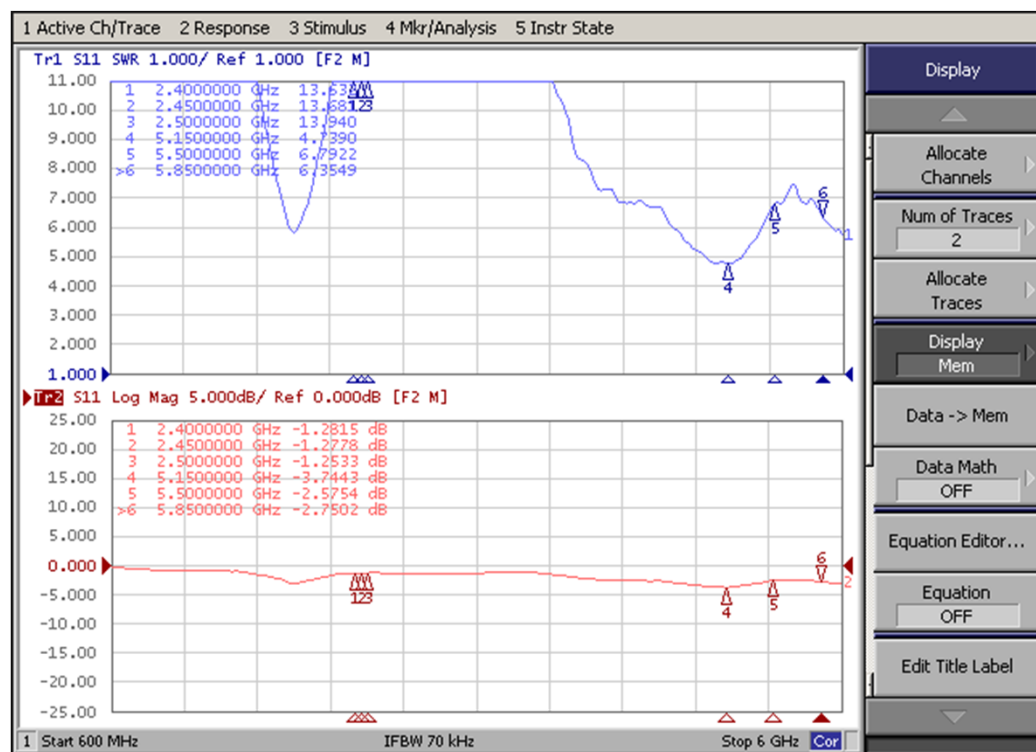
- Antenna name: 2.4G
- Antenna Type: PCB
- Covers : 2400/2500MHz



Antenna

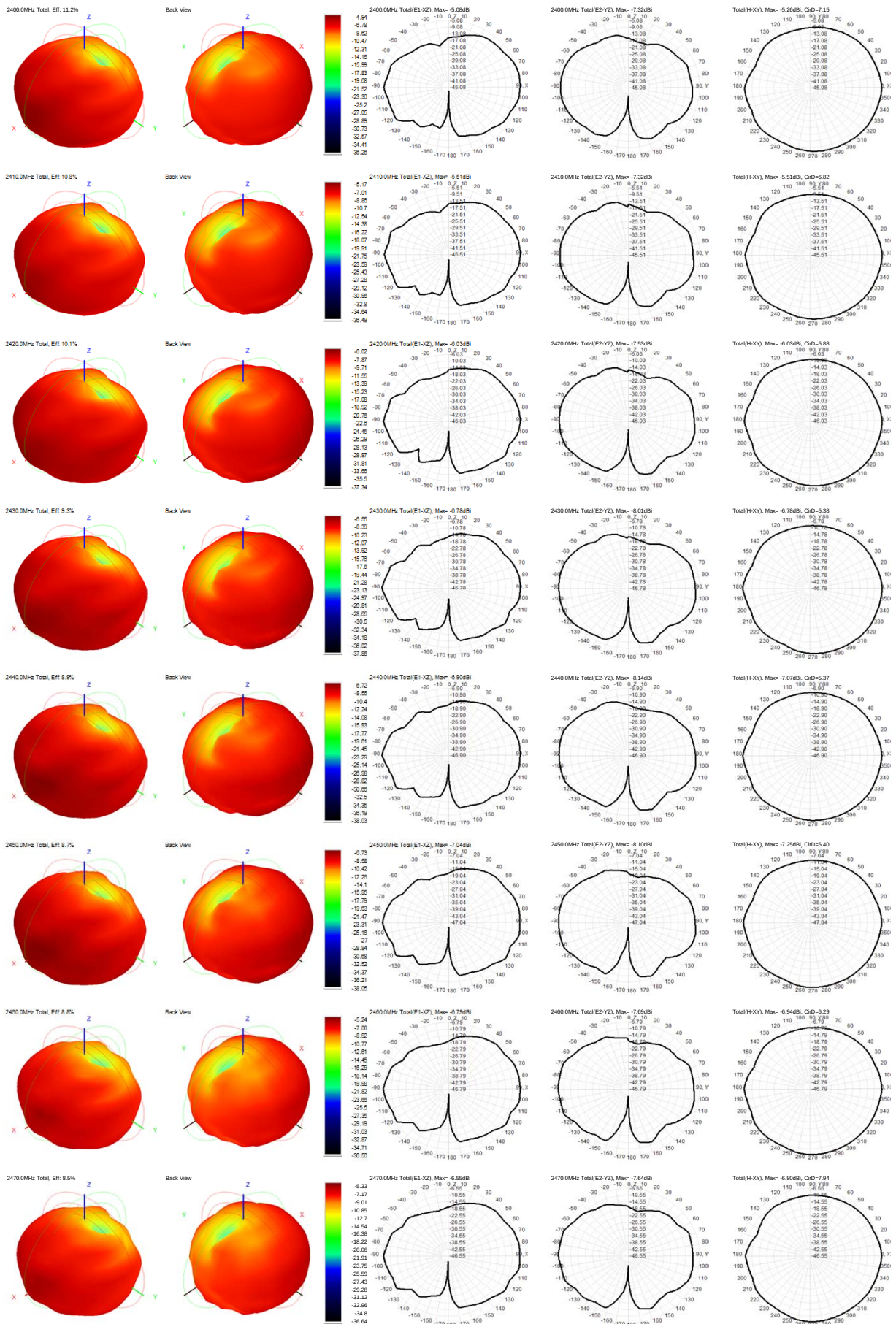
S Parameter_Return Loss&VSWR-Smith

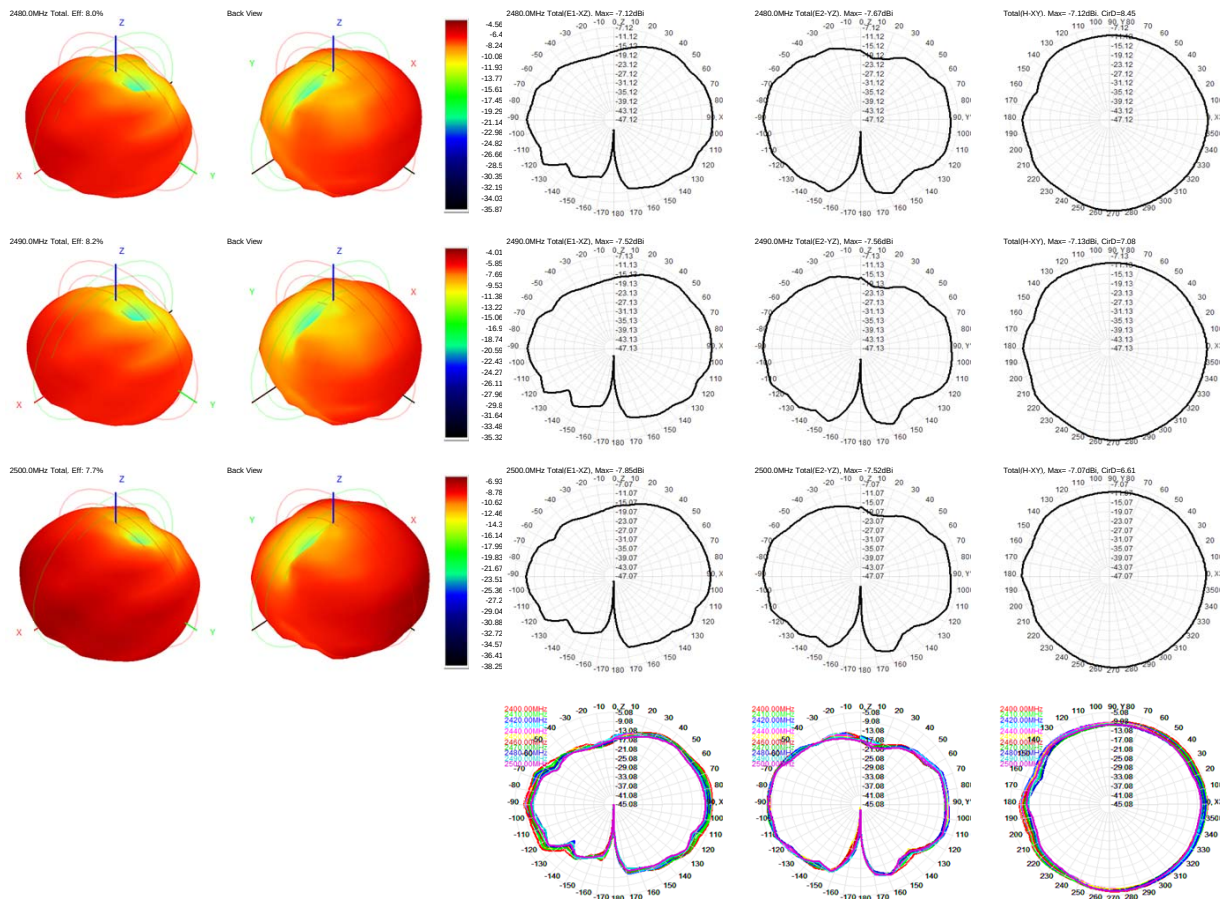
Dongguan UB Electronics Co., Ltd



Efficiency and Gain

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	-4.94	-5.17	-6.02	-6.55	-6.72	-6.73	-5.24	-5.33	-4.56	-4.01	-6.93
Efficiency (%)	11.20	10.79	10.13	9.28	8.94	8.68	8.76	8.49	7.97	8.17	7.71





Antenna Photo & Length

