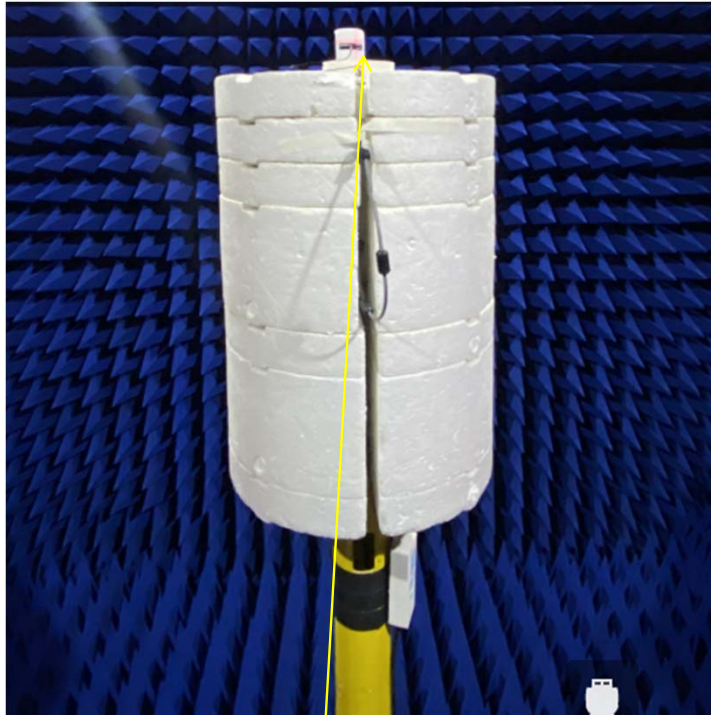


Antenna Study

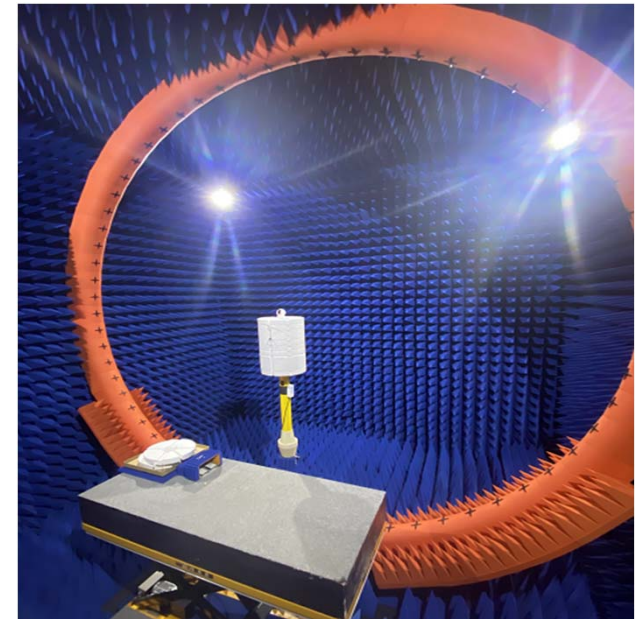
- **Client Name: Shenzhen Lesongge Technology Co., Ltd**
- **Project Name: Genkinno P2**
- **Debugging frequency band: 2.4G**
- **Valuation date: 2023.10.19**

FPC antenna

Dongguan UB Electronics Co., Ltd



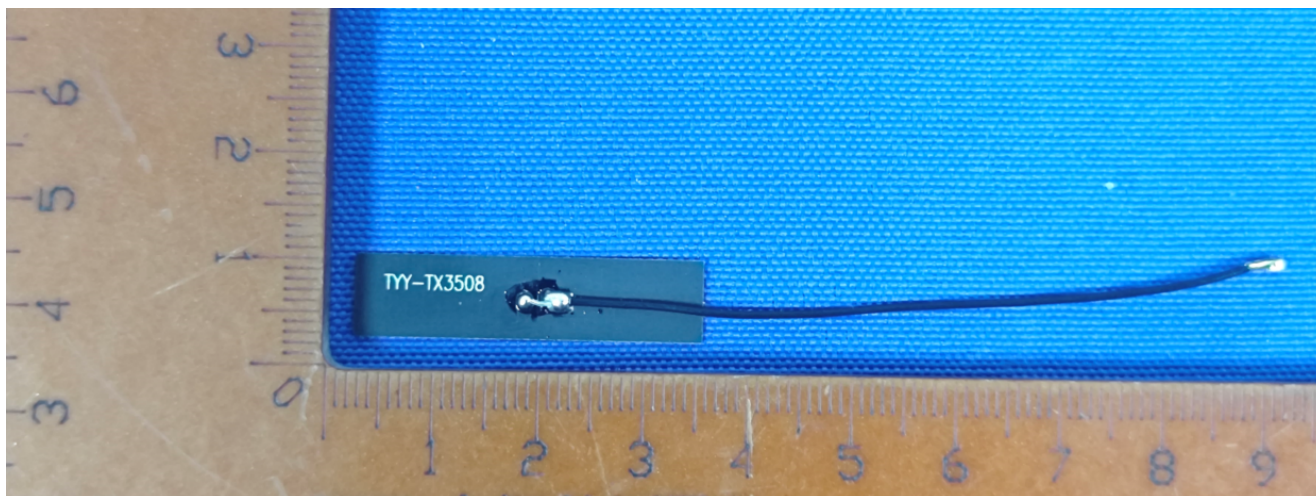
Testing environment



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

FPC antenna

Dongguan UB Electronics Co., Ltd

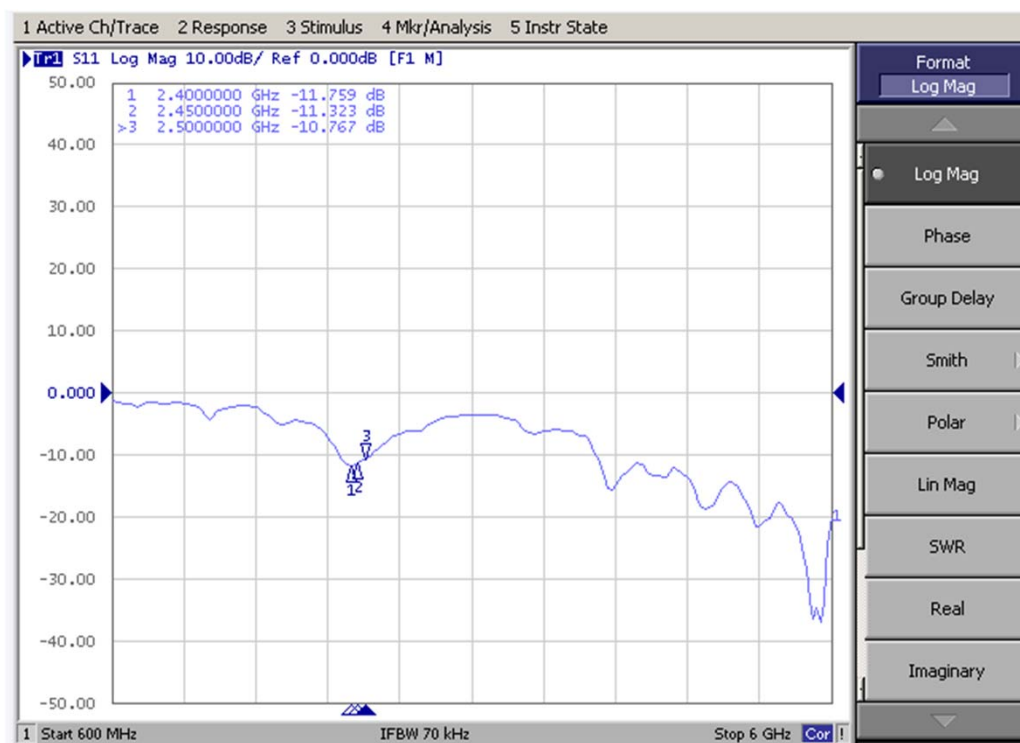


Antenna
34*8mm

- Antenna name: 2.4G
- Antenna Type: FPC
- Covers : 2.4G

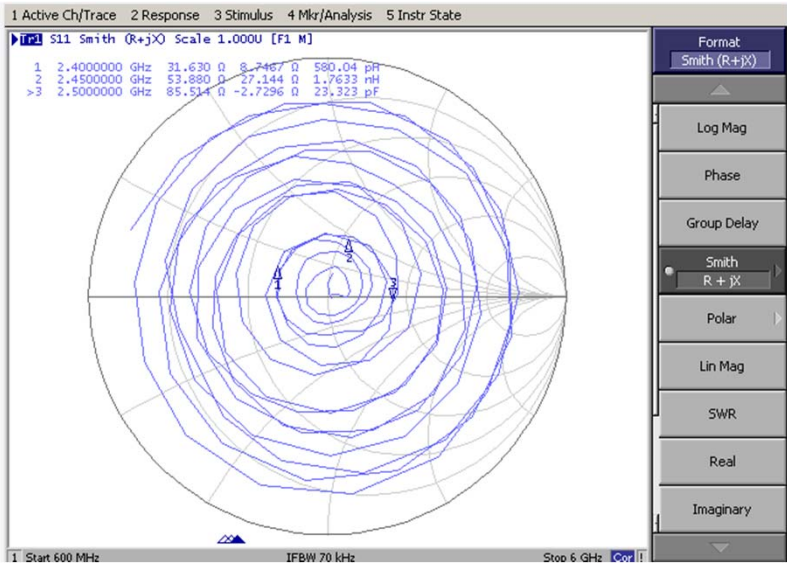
S Parameter_Return Loss&VSWR

Dongguan UB Electronics Co., Ltd

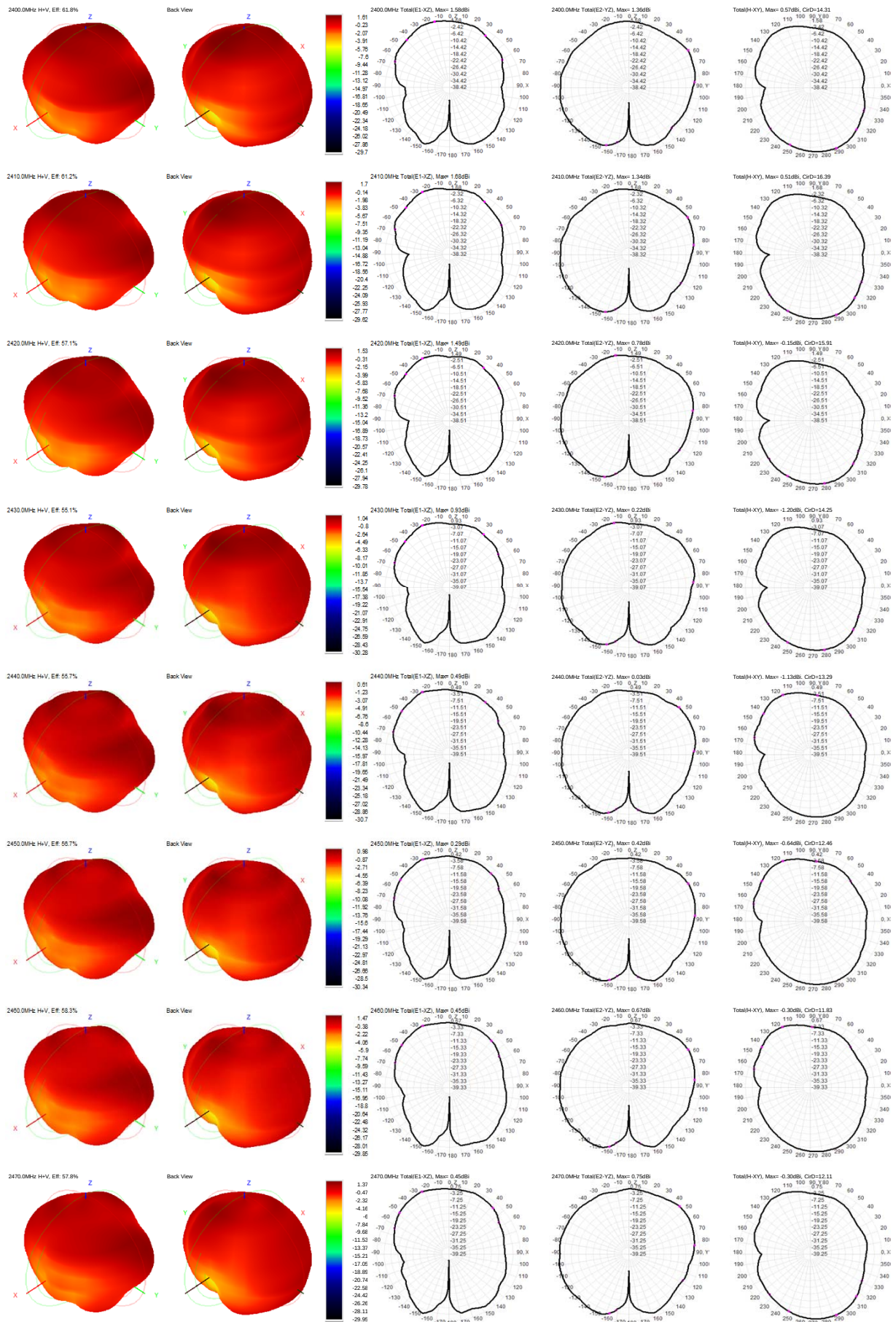


Efficiency and Gain-Smith

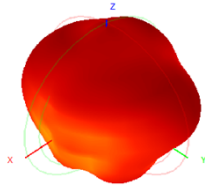
Dongguan UB Electronics Co., Ltd



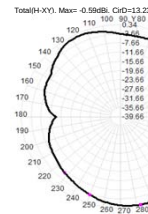
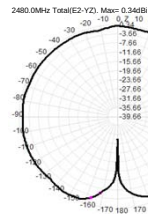
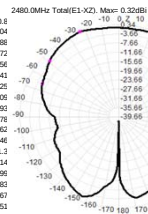
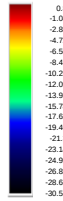
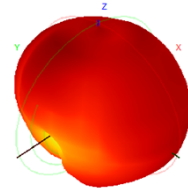
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	1.61	1.70	1.53	1.04	0.61	0.98	1.47	1.37	0.80	0.55	0.78
Efficiency (%)	61.80	61.18	57.07	55.09	55.70	56.65	58.26	57.79	54.45	53.58	52.65



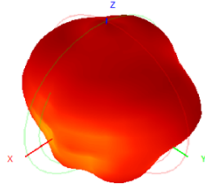
2480.0MHz H+V, Eff: 54.5%



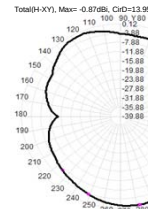
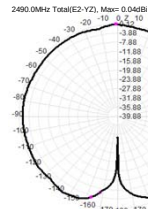
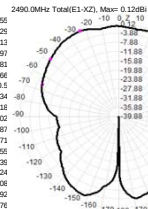
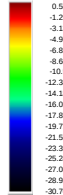
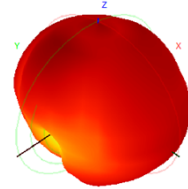
Back View



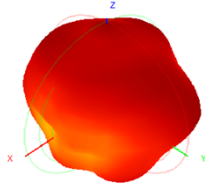
2490.0MHz H+V, Eff: 53.6%



Back View



2500.0MHz H+V, Eff: 52.7%



Back View

