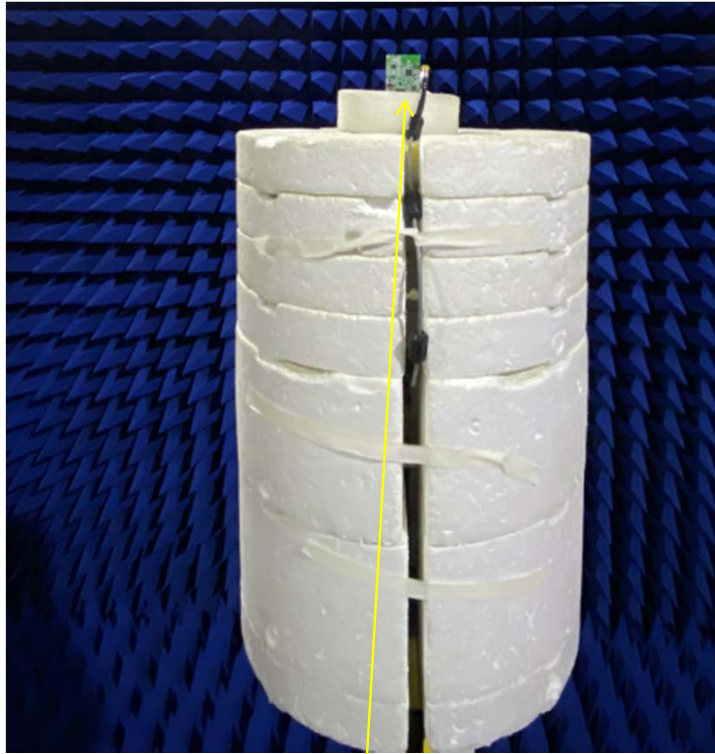


Antenna Study

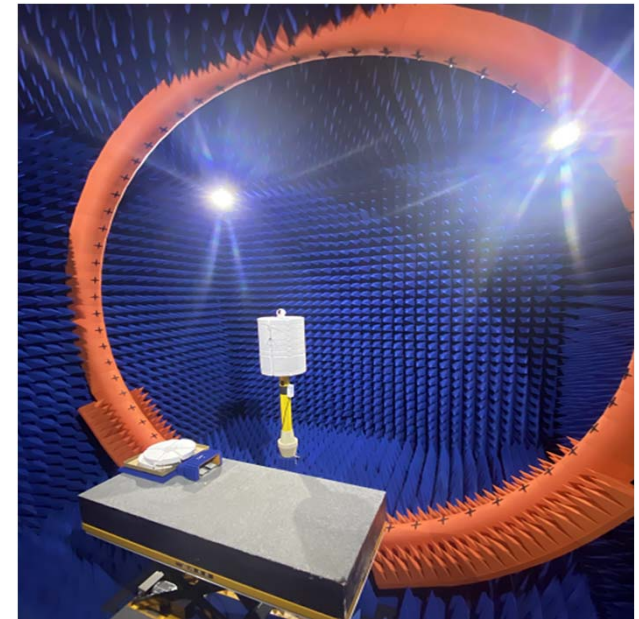
- **Client Name:TACTUSVENTURESPVT.LTD**
- **Project Name : FTW01**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2024.09.06**
- **Linkman contacts: he hai ping 13686295193**

PCB Antenna

Dongguan UB Electronics Co., Ltd



Testing environment



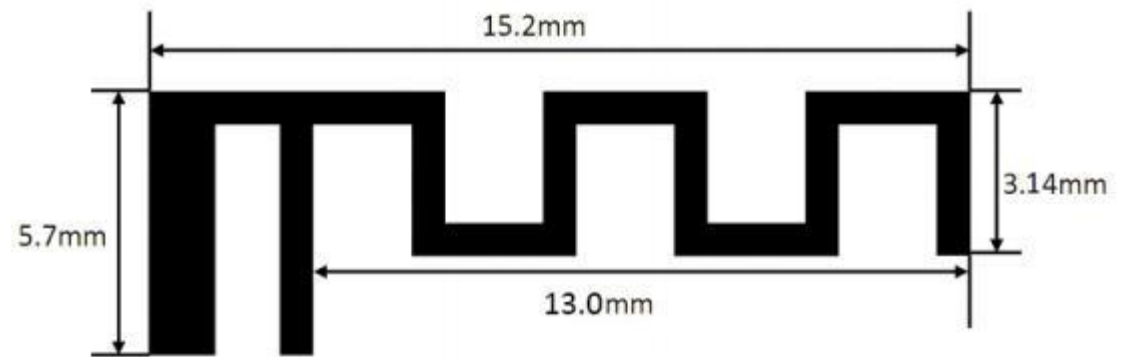
Testing 3D microwave darkroom(6m*6m*6m)

PCB Antenna

Dongguan UB Electronics Co., Ltd



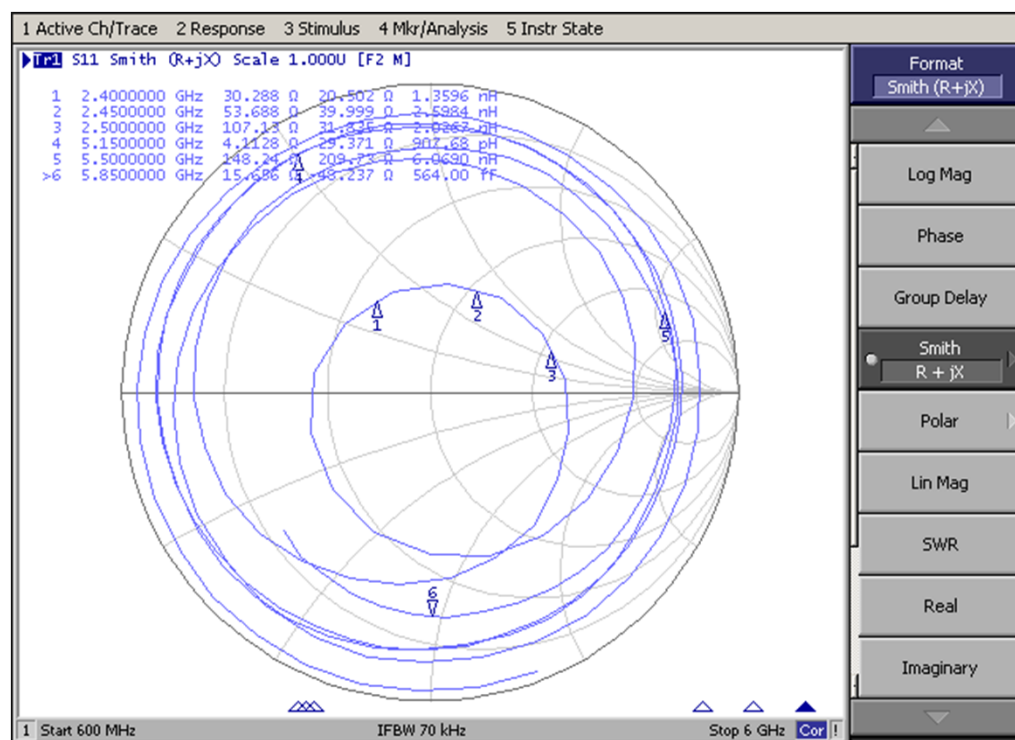
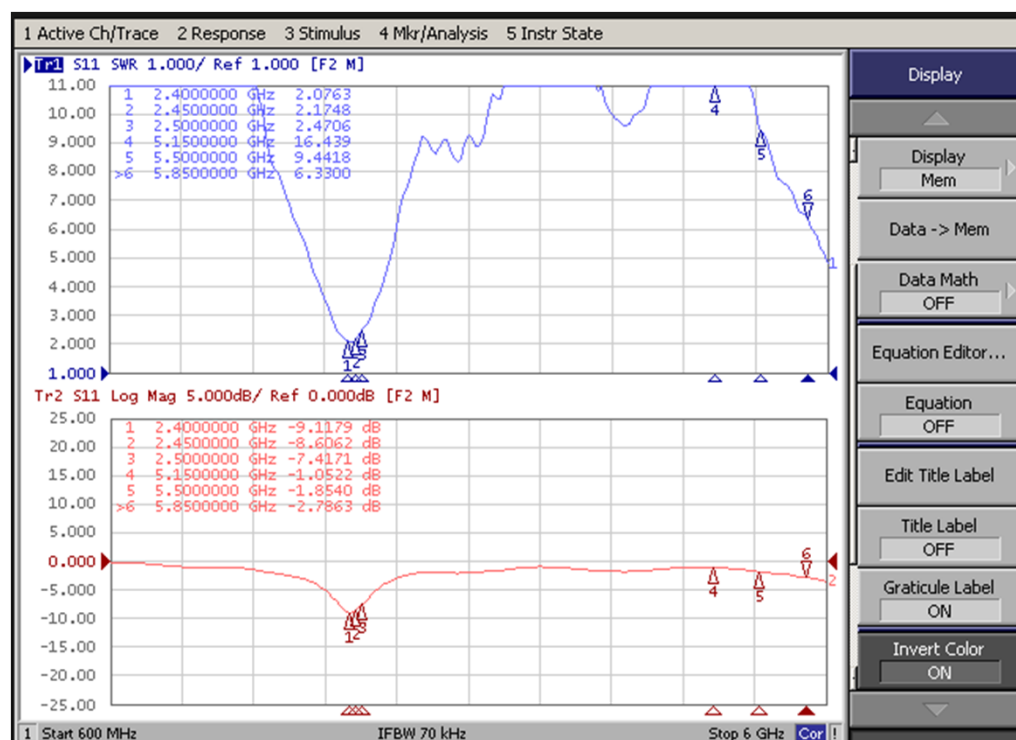
- Antenna name: 2.4G
- Antenna Type: PCB
- Covers : 2400/2500MHz



Antenna

S Parameter_Return Loss&VSWR-Smith

Dongguan UB Electronics Co., Ltd



Efficiency and Gain

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)	2.01	2.27	1.85	1.83	2.09	2.16	2.27	2.39	2.41	2.16	1.92
Efficiency (%)	45.82	45.64	44.33	44.44	45.33	46.57	47.24	46.89	44.70	42.46	41.52

