

Shenzhen Yunding Communication Electronics Co., Ltd

No. 3015, Jinchi Center, Sanwei South Road, Guwu District, Shenzhen City

2.4G Antenna Test Report

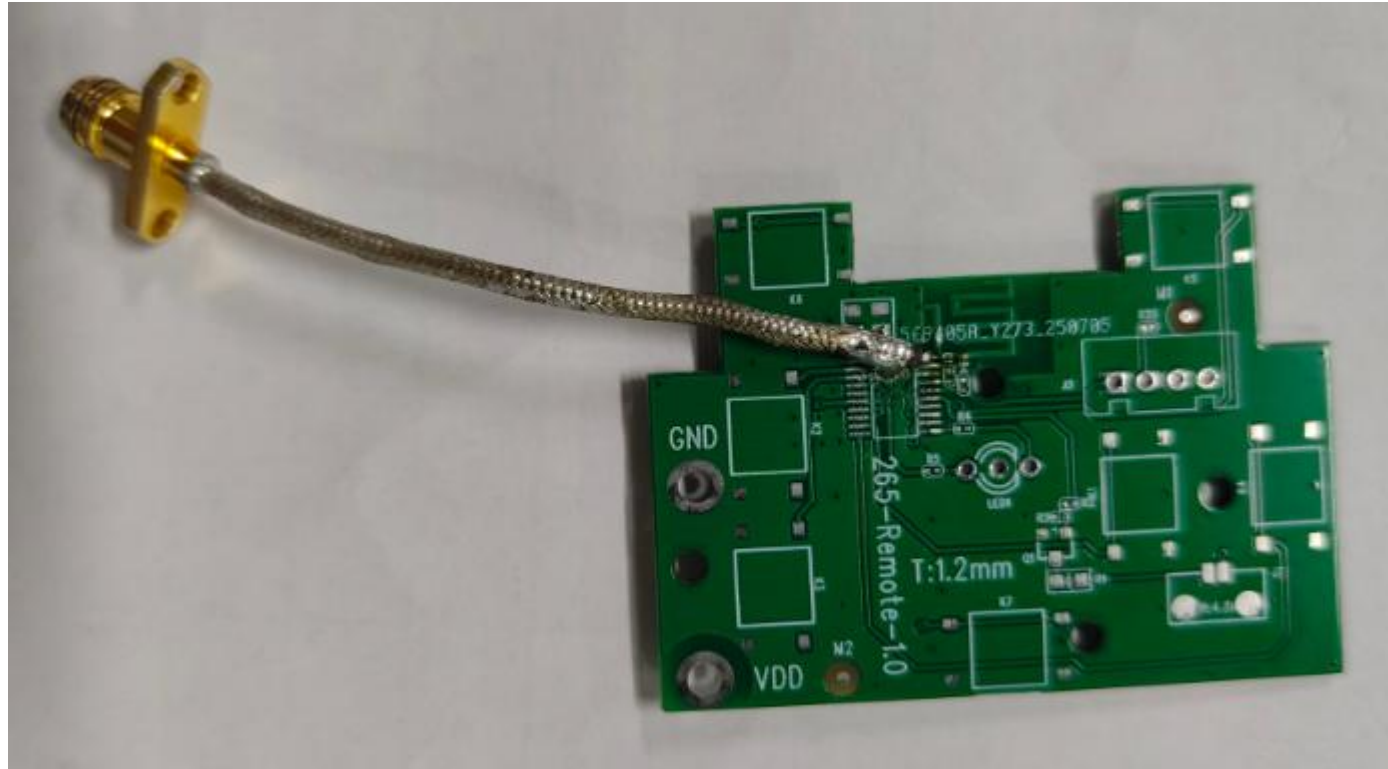
RF engineer:ZHANG

TEL:18594232521

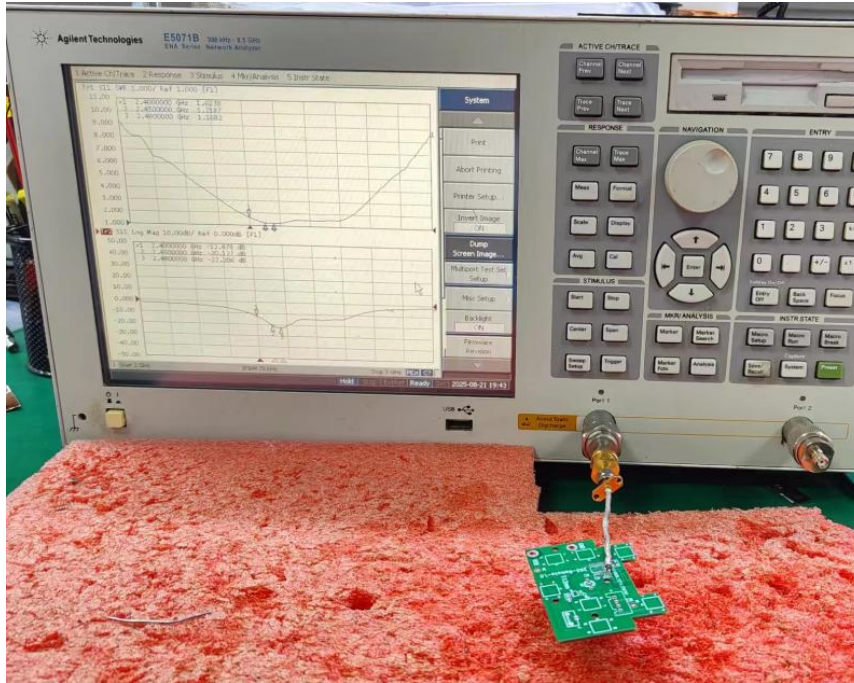
DATE:2025-08-20

- 1 Image of testing equipment
- 2 Antenna testing environment
- 3 ANT S11 Smith VSWR test
- 4 Antenna efficiency gain test

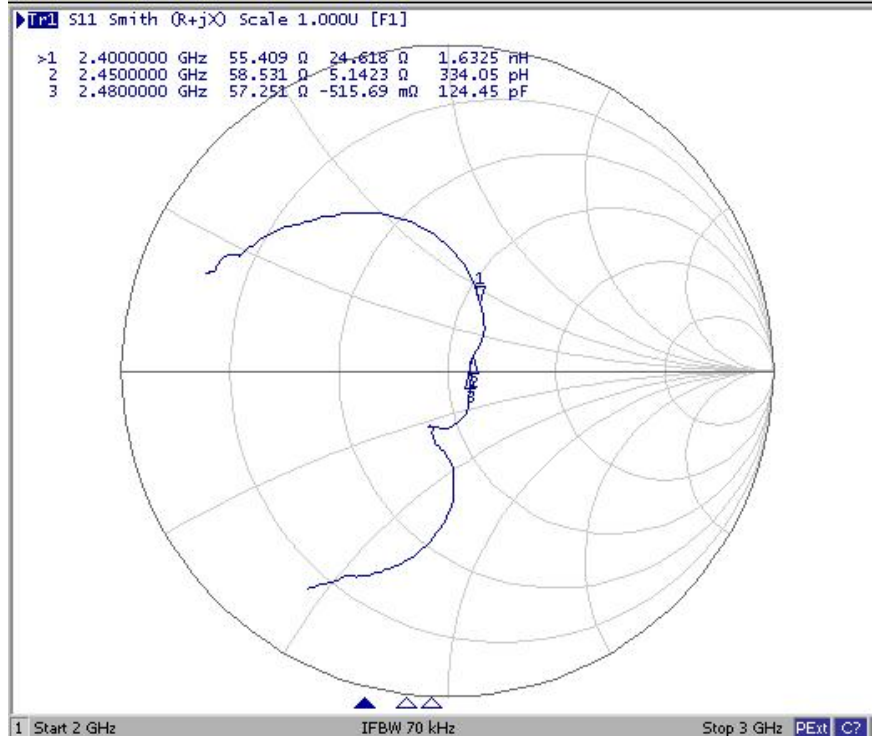
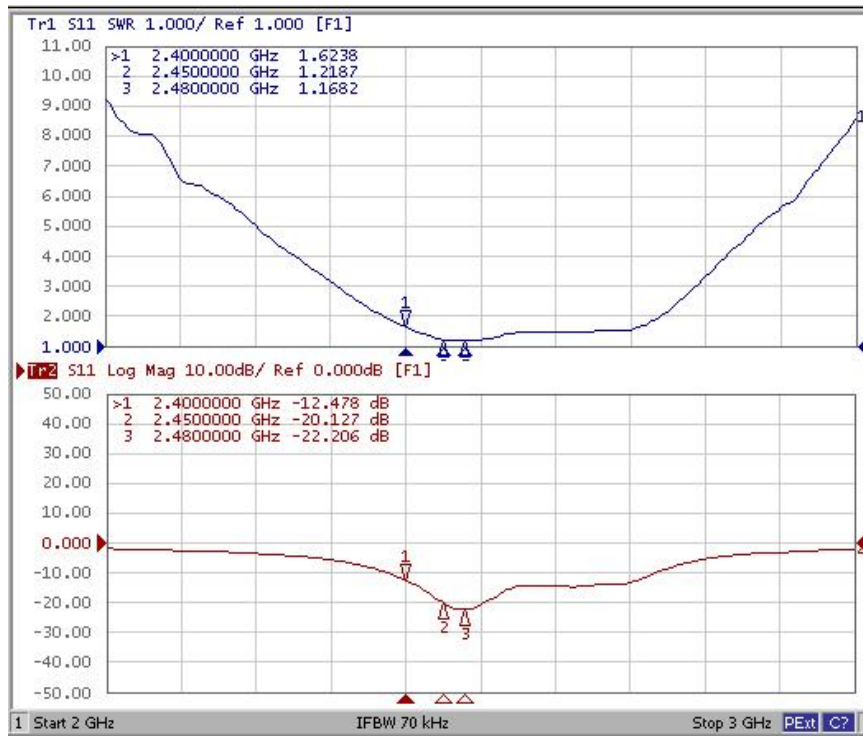
1. Image of testing equipment



2. Antenna testing environment

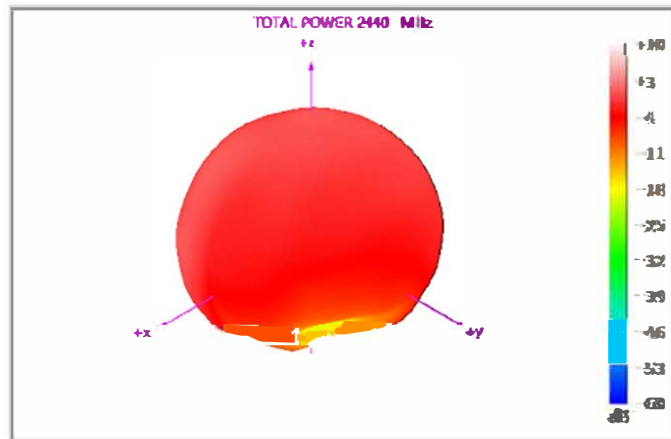


3.ANT S11 Smith VSWR test

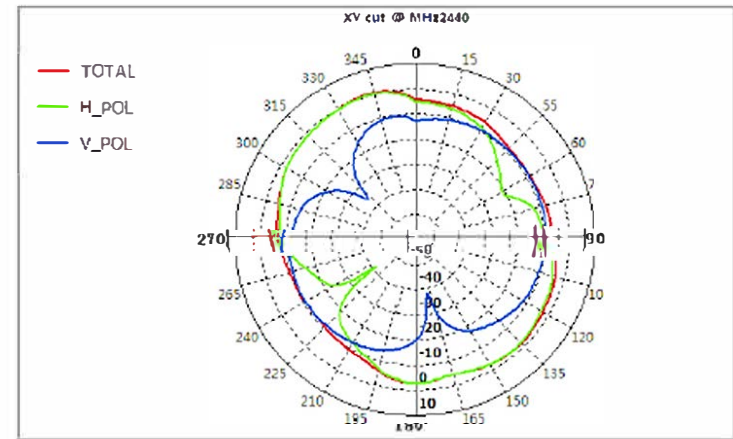


4. Antenna efficiency gain test

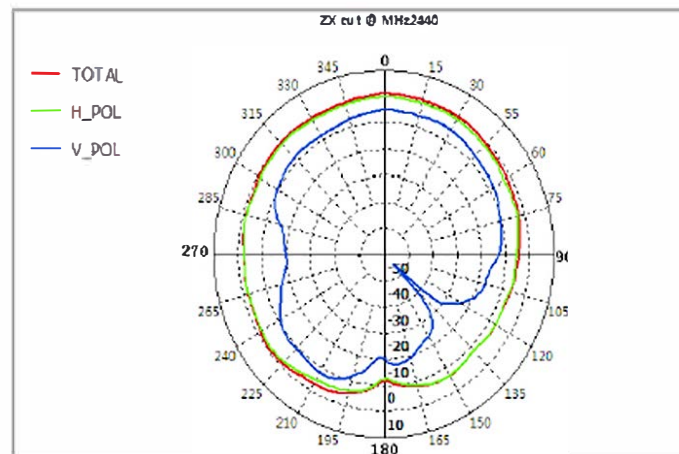
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	1.57	1.69	1.79	1.92	2.22	2.52	2.64	2.78	2.94	3.06	2.79
Efficiency (%)	51.04	50.57	49.75	49.9	52.5	55.07	56.71	59.78	59.78	62.11	59.14



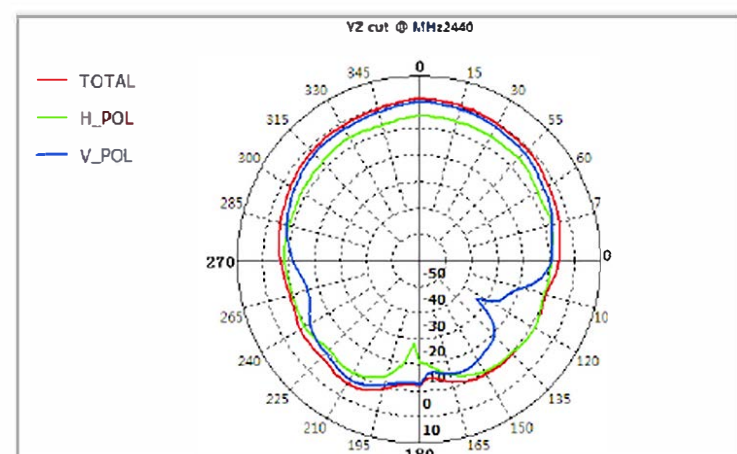
3D-plane@2.44GHz



2D-plane XOY @2.44GHz



2D-plane XOZ@2.44GHz



2D-plane YOZ @2.44GHz

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THANKS