

Specification

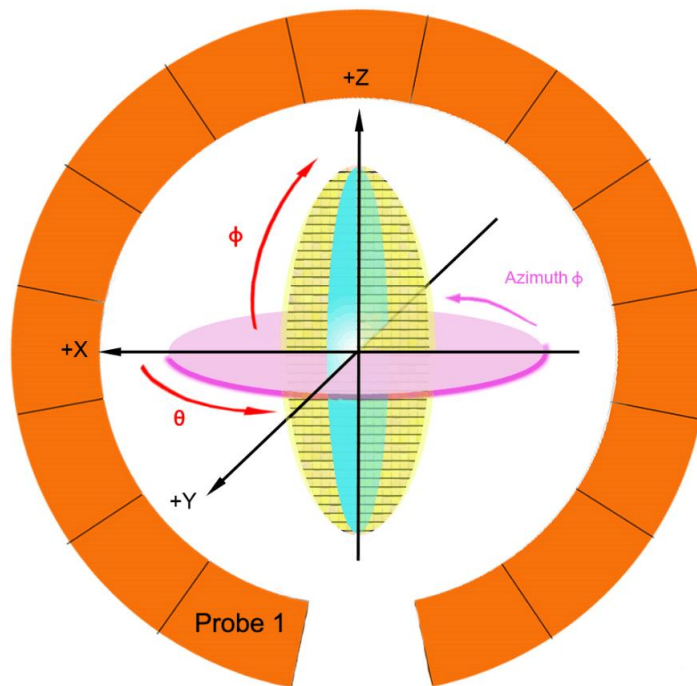
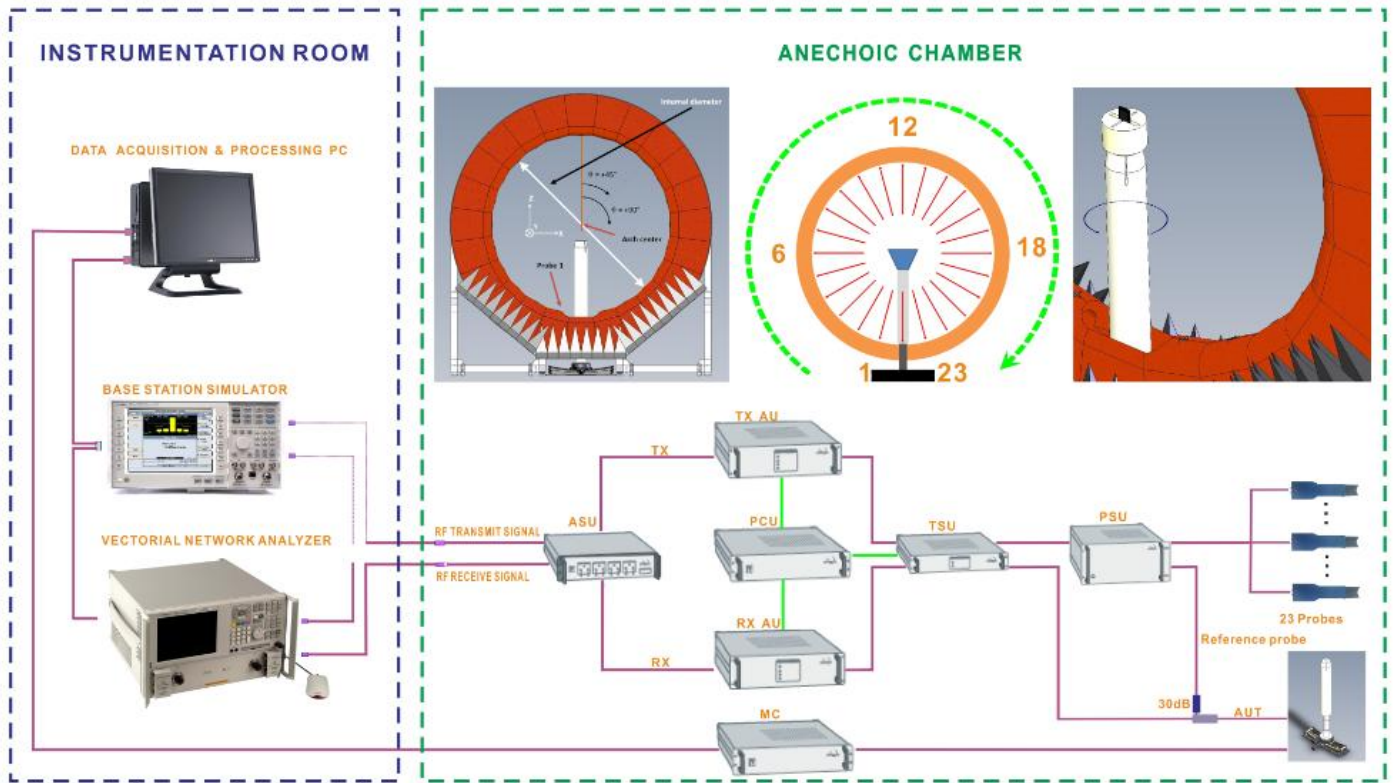
| 1. Antenna Electrical Properties: | | |
|--|-----------------------|------------------|
| 1.1 | Frequency | 5150-5850MHz |
| 1.2 | Impedance | 50 ohm Nominal |
| 1.3 | VSWR | 1.92:1 Max |
| 1.4 | Return Loss | -10 dB Max. |
| 1.5 | Radiation | Omni-directional |
| 1.6 | Polarization | Linear; Vertical |
| 2. Physical Properties: | | |
| 2.1 | Operating Temperature | -20~+65°C |
| 2.2 | Storage Temperature | -30~+75°C |
| 2.3 | Cable Length | 160mm |
| 2.4 | Cable | 1.37mm |
| 2.5 | Connector | MHF |
| 2.8 | Color | Black |

5. 装说明及图示

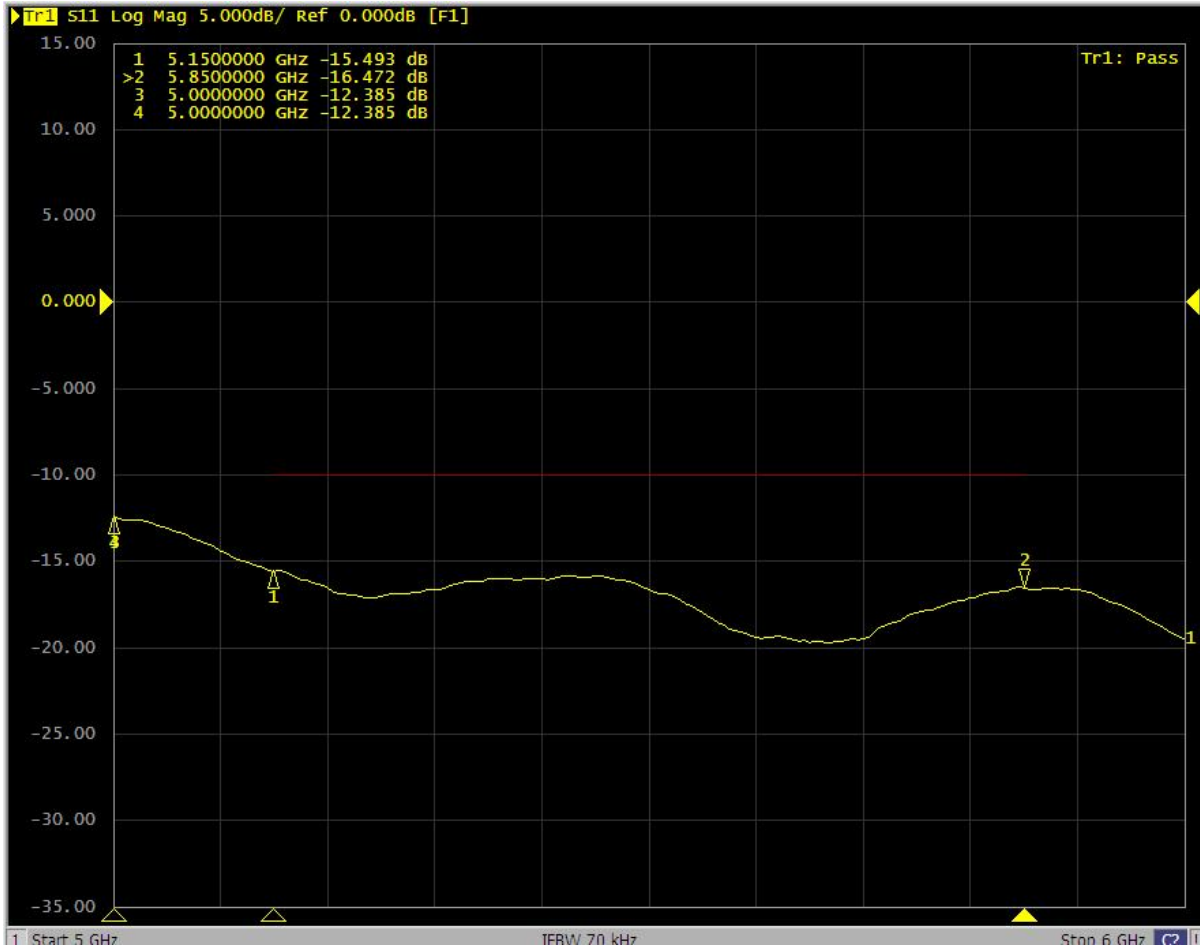
Test Results

1 Antenna

Test Setup

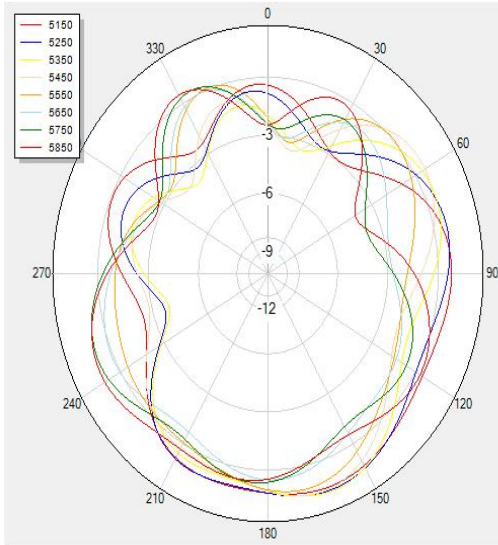


3. Antenna S-parameter test results

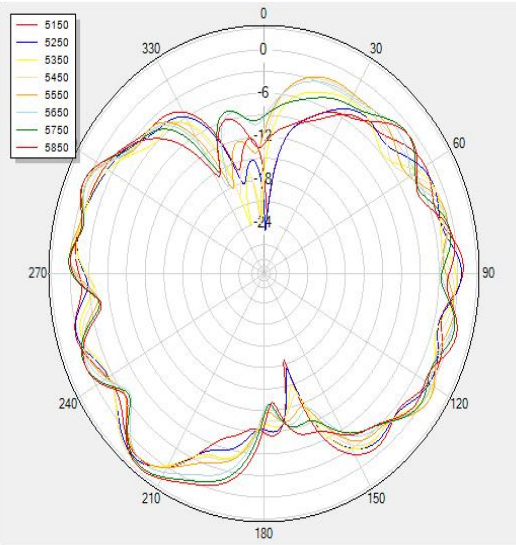


2D 图

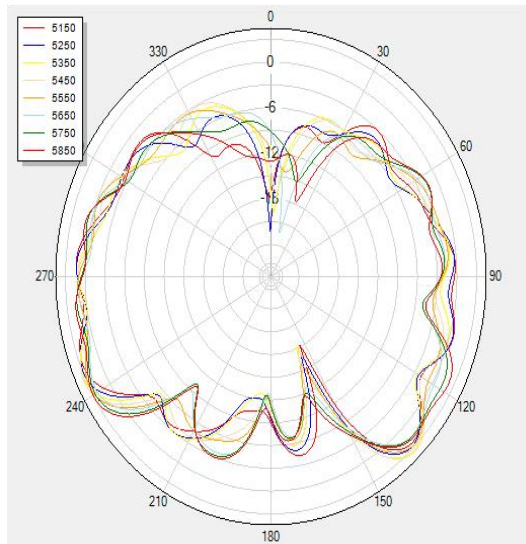
H Theta=90



V Phi=90

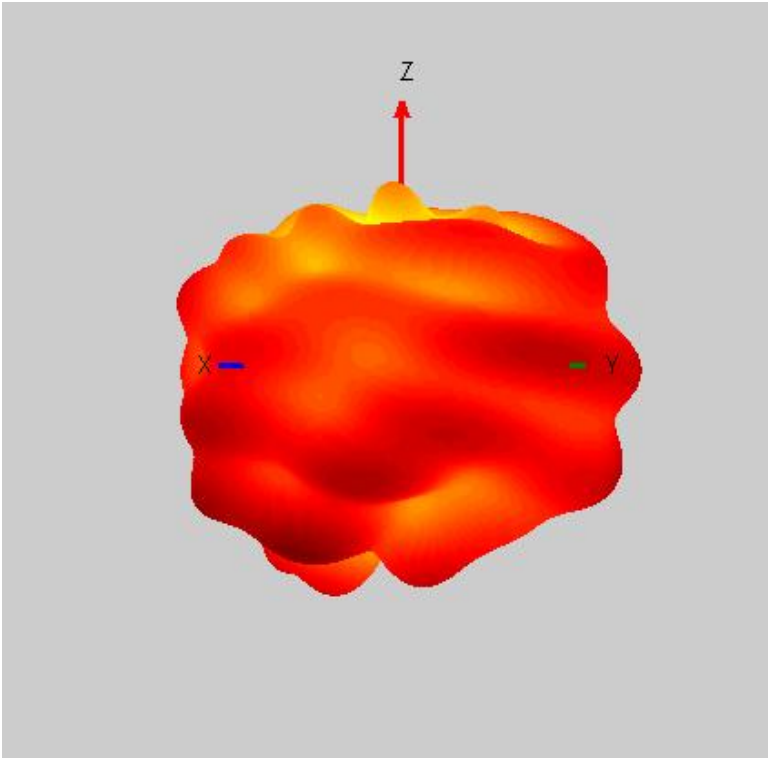


V Phi=0

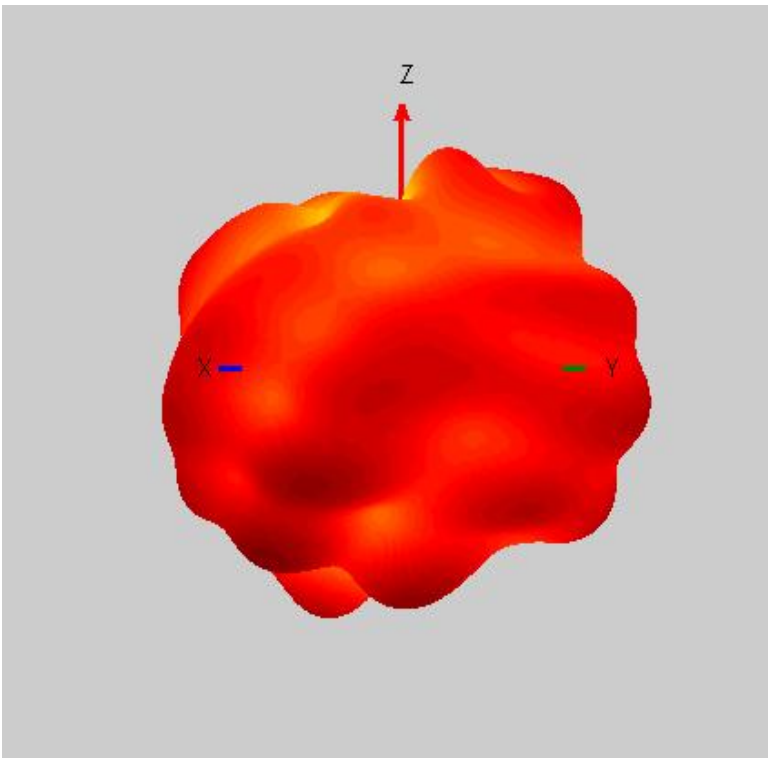


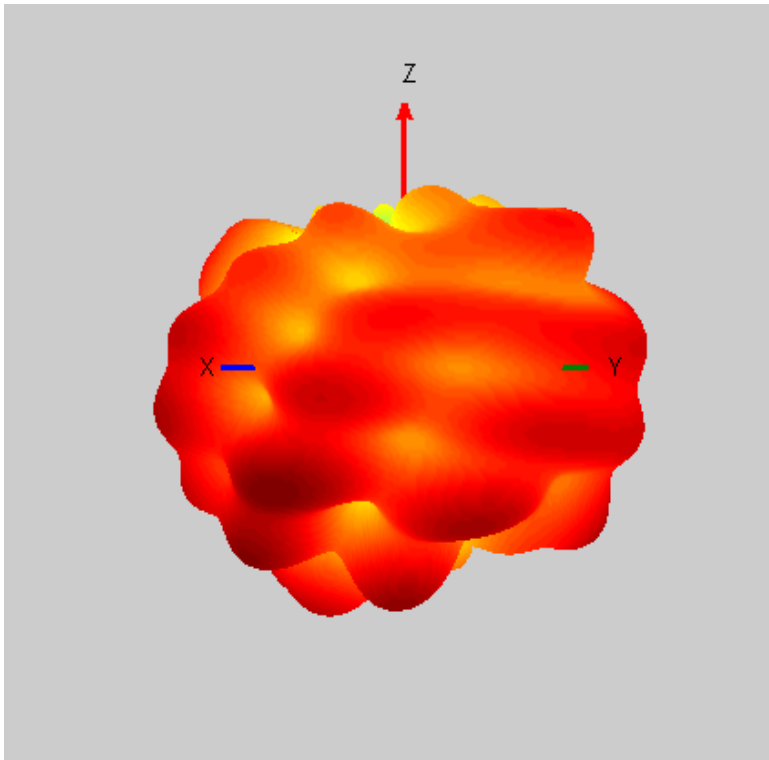
3D 图

5150



5550



5850

Gain&Efficiency

增益和效率

| frequency 频率(MHz) | gain 增益(dBi) | efficiency 效率(%) |
|----------------------|-----------------|---------------------|
| 5150 | 2.91 | 70.79 |
| 5250 | 2.88 | 68.00 |
| 5350 | 3.37 | 66.01 |
| 5550 | 2.99 | 69.33 |
| 5660 | 2.99 | 68.94 |
| 5750 | 2.86 | 70.98 |
| 5850 | 3.08 | 73.61 |