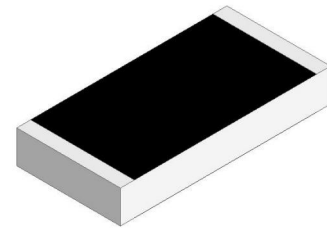


特征 Feature

- 重量轻, 结构紧凑 Light weight, compact
- 宽带大, 低成本 Wide bandwidth, low cost
- 高增益内置天线 Built-in antenna with high gain
- 工作温度 Operating Temp. : -40°C ~ +85°C



应用 Application

- 蓝牙, 无线局域网, 移动电视 Bluetooth, Wireless LAN, Mobile TV
- 家用射频系统 Home RF system, etc

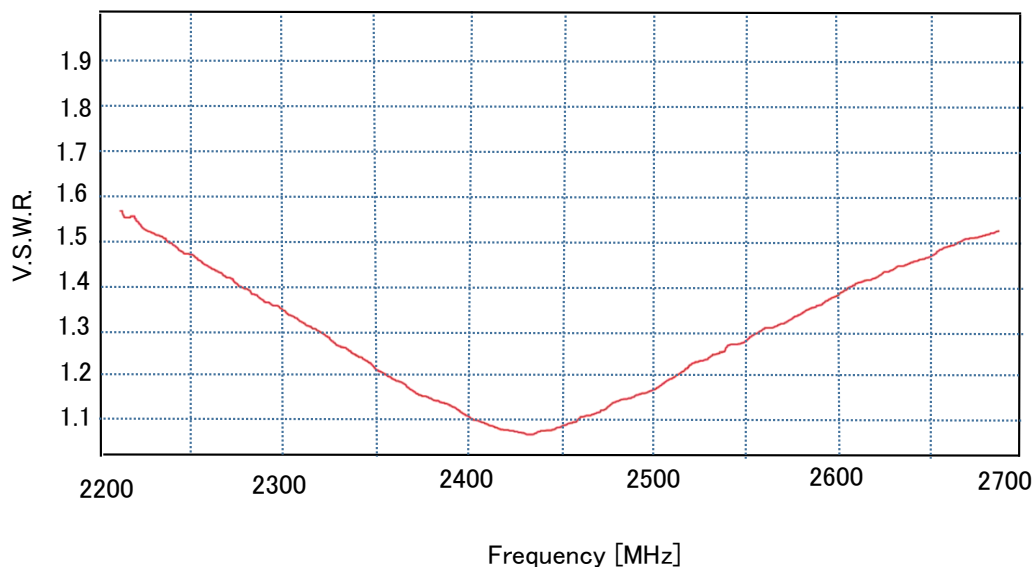
CS-2450-31-SE-B

电气特性 Electrical Characteristics per line (TA = 25°C)

参数Parameter	规格Specification	单位Units
频带 Frequency Band	2400~2483	MHz
极化 Polarization	Linear	
阻抗 Impedance	50	Ω

典型特征 Typical Characteristics

Fig.1 驻波比 VSWR

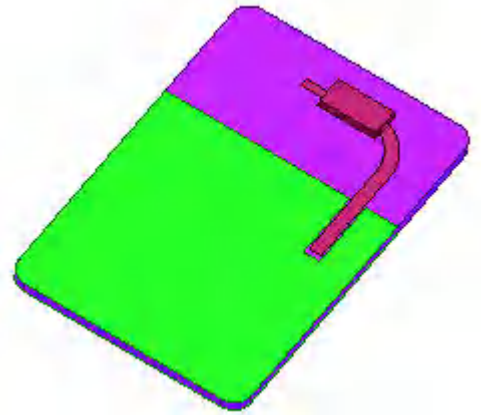
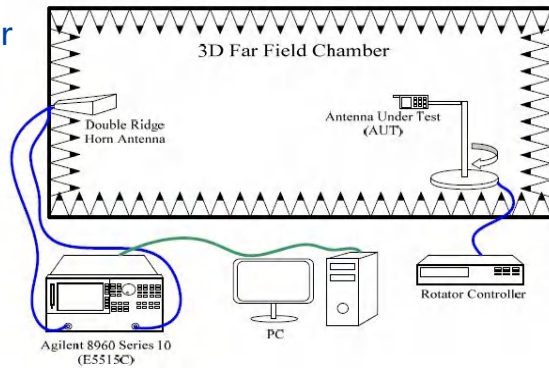


辐射模式 Radiation Pattern

增益模式是在暗室进行测试的，被测件放在桌肩位置，用标准的喇叭天线和矢量网络分析仪来收集数据。The Gain pattern is measured in FAR-field chamber. DUT is placed on the table of rotator, a standard horn antenna and Vector Network Analyzer is used to collect data.

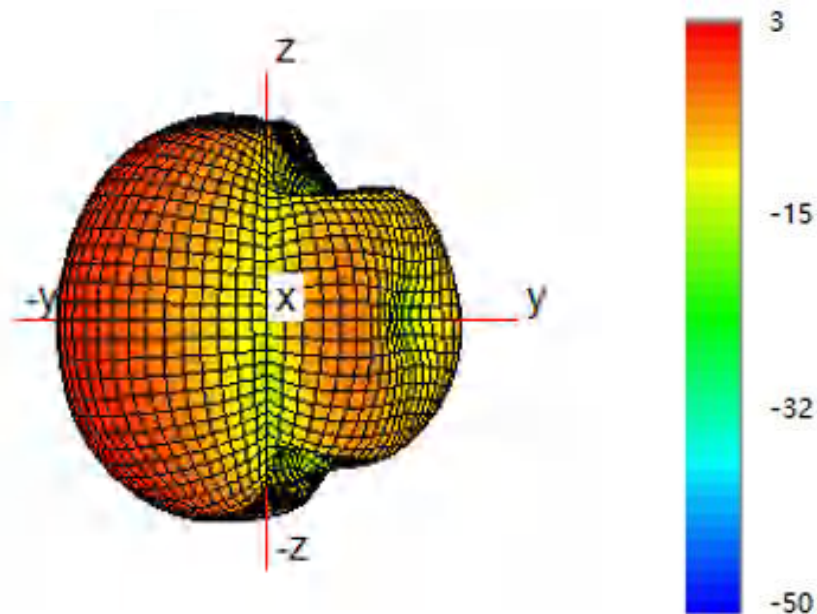
Fig.2 暗室示意图

FAR-field Chamber



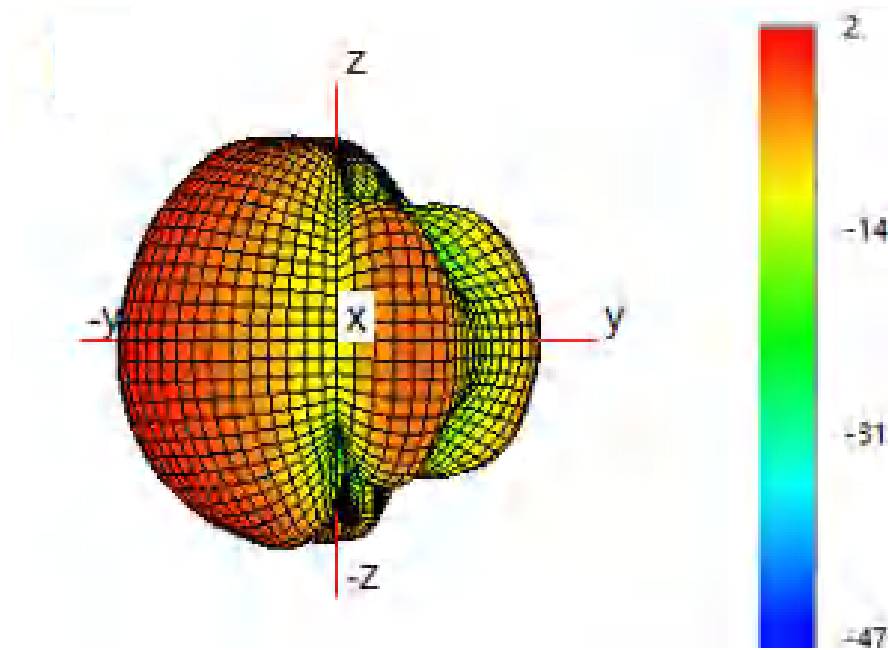
3D 增益模式

3D Gain Pattern (2400 MHz)



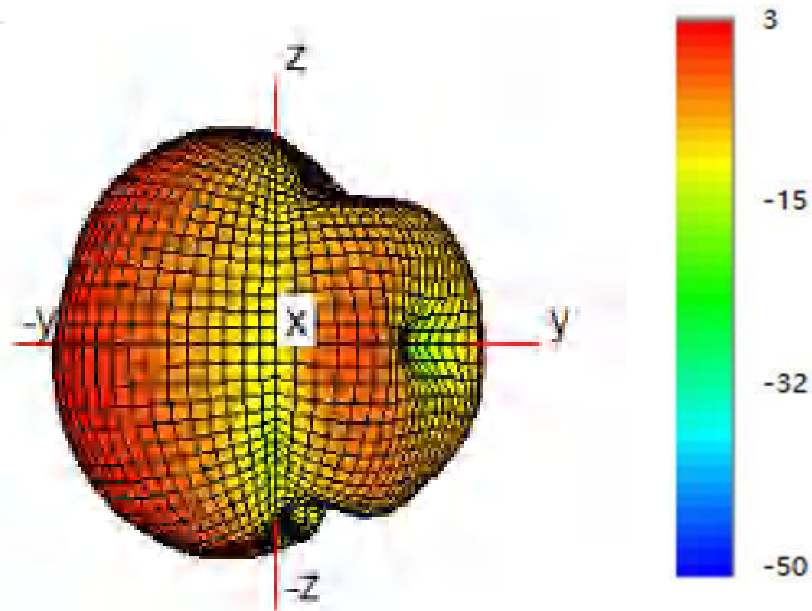
3D 增益模式

3D Gain Pattern (2450 MHz)

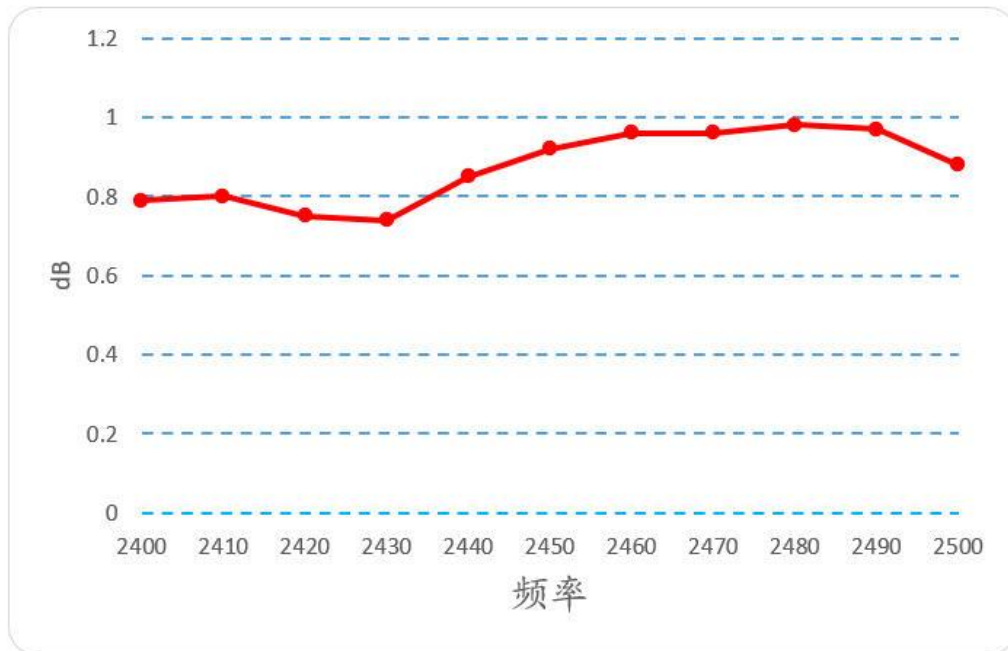


3D 增益模式

3D Gain Pattern (2500 MHz)



Max gain: 0.95 dB



效率 (Efficiency)

