



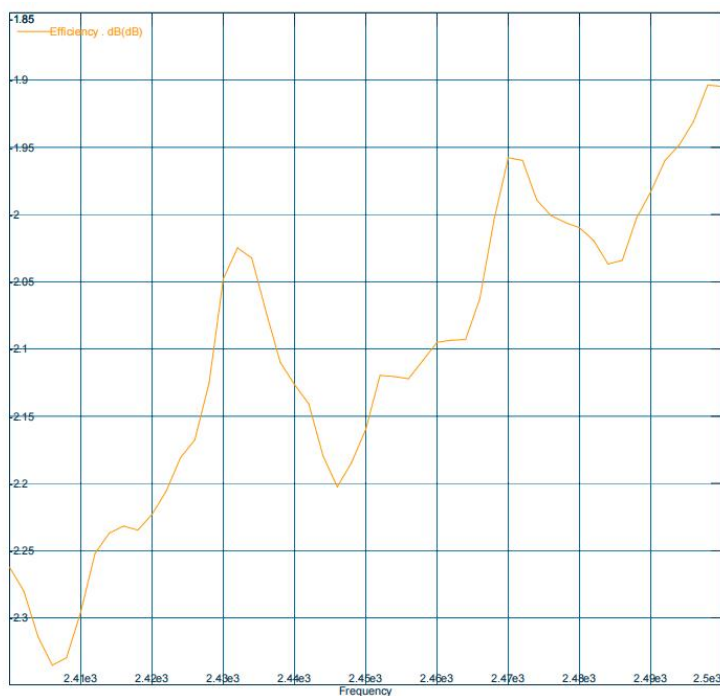
天线型号 (Antenna Version) : /
产品型号 (Model of the DUT) : ABD004
PCB 编号及版本 (PCB number and version) : MS88SF2_V1.1
责任硬件工程师 (Hardware Engineer) : 李金倍
测试日期 (Test Data) : 2024/10/14

1、技术指标 (Technical Specification)

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500
频带宽度 Bandwidth (-10dB) (MHz)	≥100
输入阻抗 Input Impedance (Ω)	50
电压驻波比 VSWR	<1.53
增益 Gain (@2.44GHz) (dBi)	3.8
峰值增益 Peak Gain (dBi)	4.53
极化形式 Polarization Type	线极化
雷电保护 Lightning Protection	直流接地 (DC grounding)
功率容量 Power Capacity (mW)	1000
机械指标 Mechanical Specifications	
天线尺寸 Antenna Size (mm)	16.71*5.25mm
辐射体 Radiator	铜 Cuprum
连接器型号 Connect Type	无
工作温度 Working Temperature (℃)	-40~+85
存储温度 Storage Temperature (℃)	-40~+85



3.2 效率 (Efficiency)

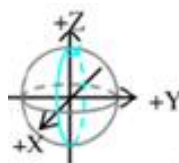
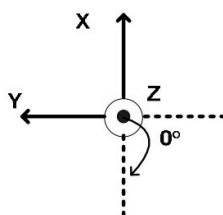


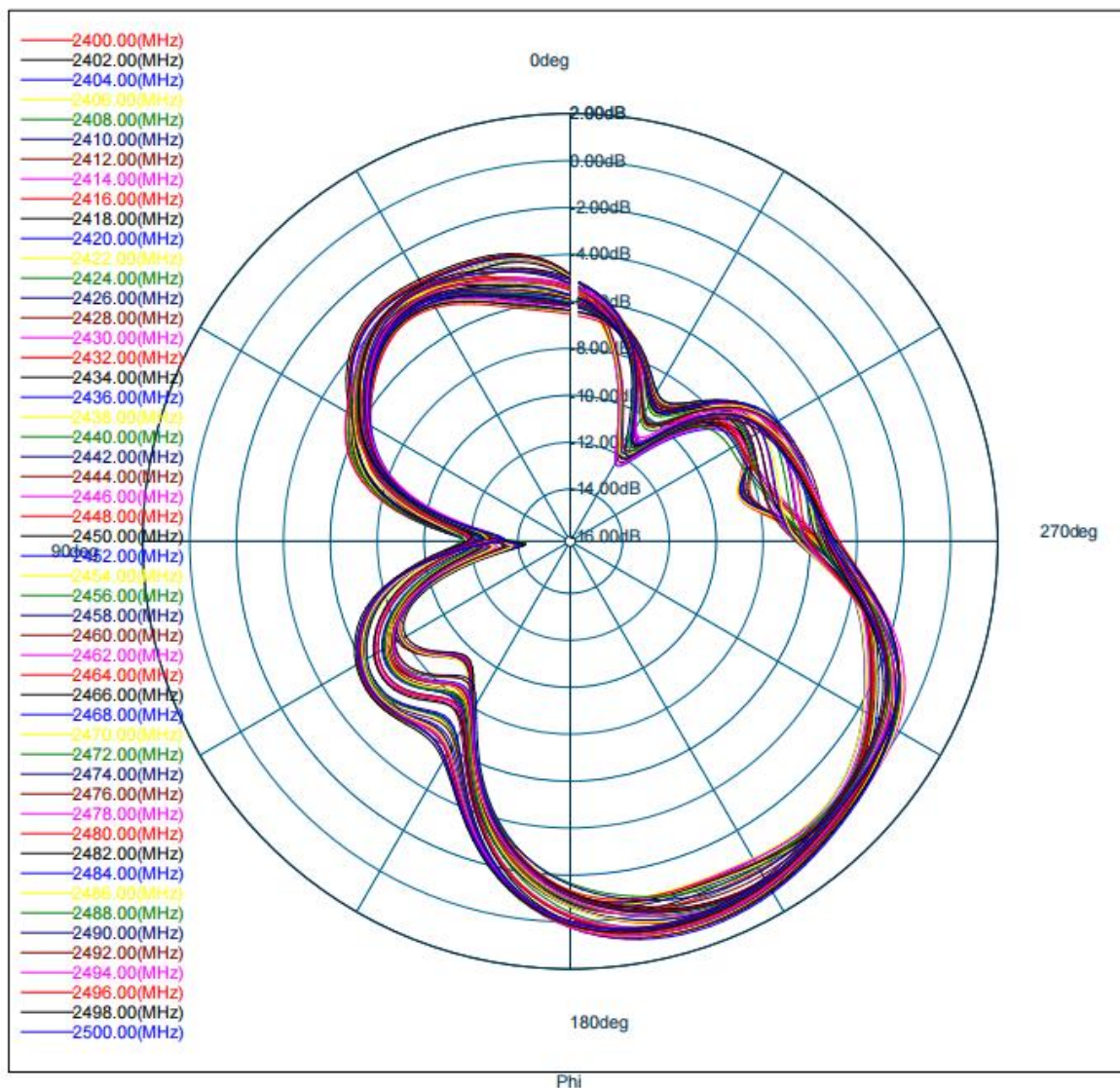
备注: 效率两种表达方式之间的关系: 效率 (dB) = $10\lg(\text{效率的百分比})$

Note: the relationship between the two expressions of efficiency: efficiency (DB) = $10\lg(\text{percentage of efficiency})$

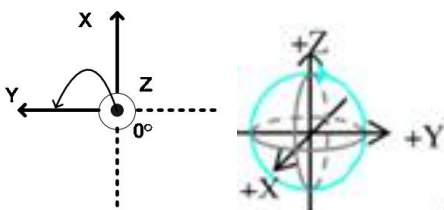
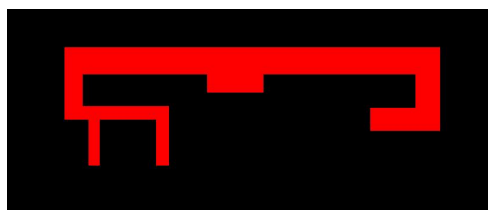
4、辐射方向图 (Radiation Pattern)

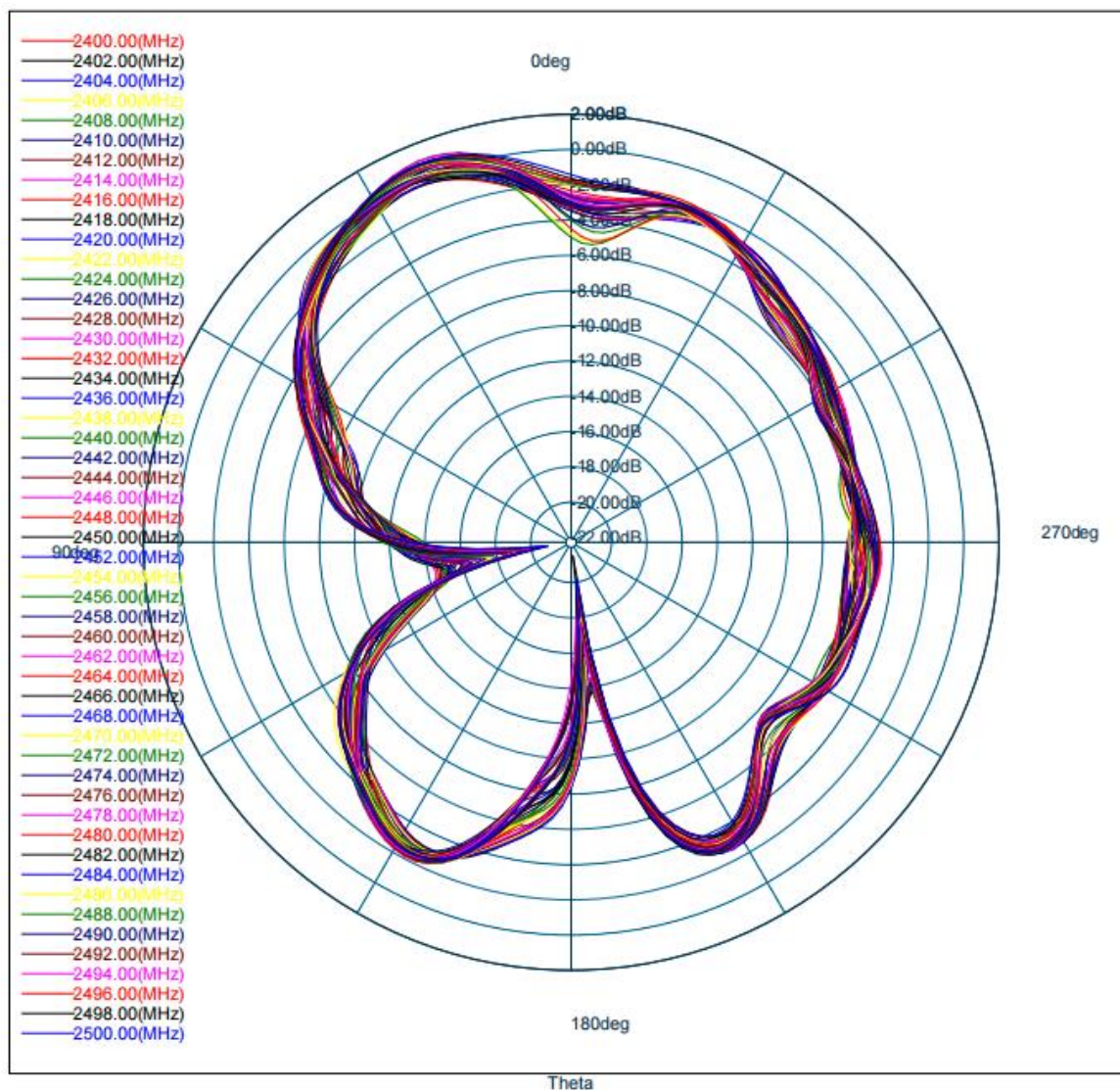
(1) E1, XZ 面, $\phi=0^\circ$; (E1, XZ plane, $\phi=0^\circ$)



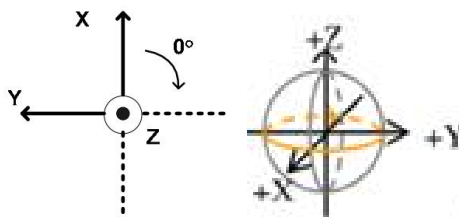
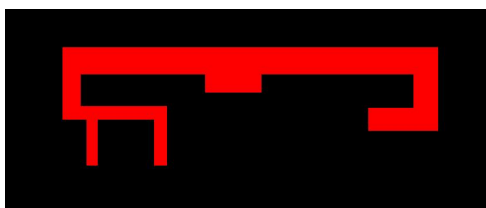


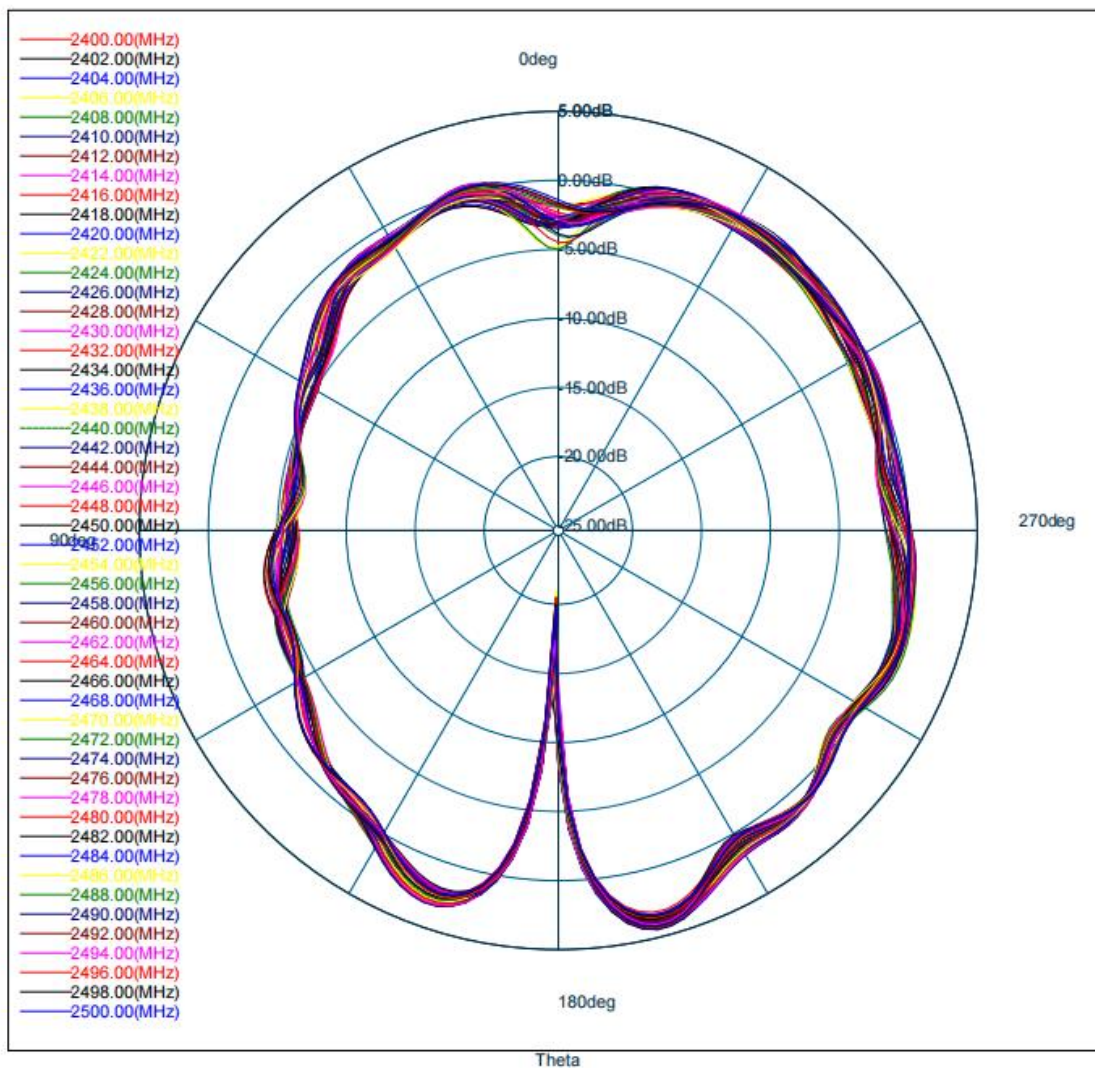
(2) E2, YZ 面, $\phi=90^\circ$; (E2, YZ 面, $\phi=90^\circ$)





(3) H, XY 面, $\theta=90^\circ$; (H, XY plane, $\theta=90^\circ$)





Manufacturer:
Shenzhen Minew Technologies Co., Ltd.

Building 3, Instrument World Industrial Park, No. 306, Guanlan Guiyue Road, Longhua District,
Shenzhen