

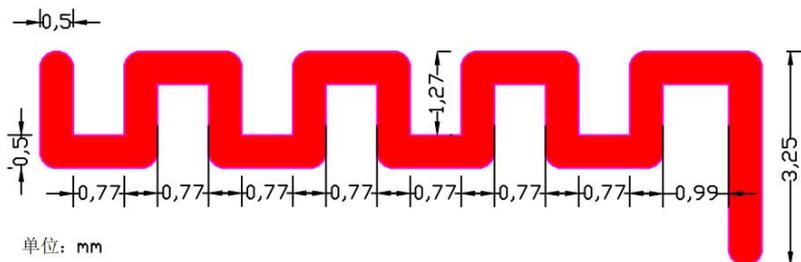


天线型号 (Antenna Version) : ANT-BBNCNC20002  
被测试产品型号 (Model of the DUT) : Beacon1  
被测试 PCB 编号及版本 (PCB number and version) : MS98SF6\_V1.0  
责任硬件工程师 (Hardware Engineer) : 周高  
测试日期 (Test Data) : 2019 年 4 月 2 日

### 1、技术指标 (Technical Specification)

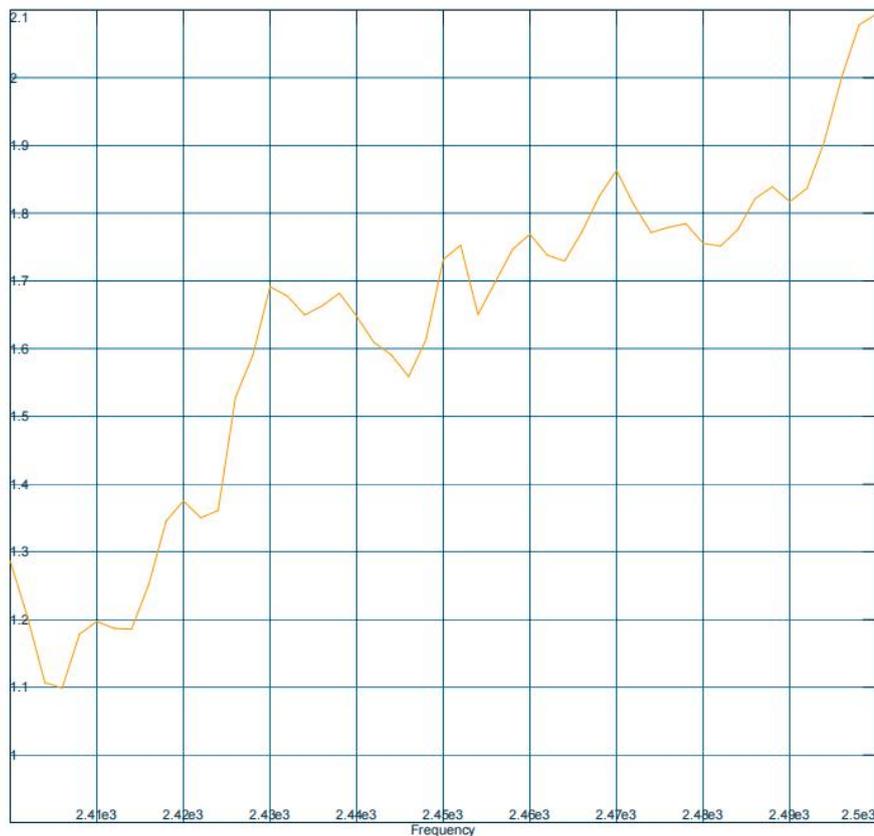
电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500
频带宽度 Bandwidth (-10dB) (MHz)	≥100
输入阻抗 Input Impedance (Q)	50
电压驻波比 VSWR (max at all of frequency range)	<2.5
增益 Gain (@2.45GHz max) (dBi)	1.7
峰值增益 Peak Gain (dBi)	1.86
极化形式 Polarization Type	线极化
雷电保护 Lightning Protection	直流接地
功率容量 Power Capacity (mW)	1000
机械指标 Mechanical Specifications	
天线尺寸 Antenna Size (mm)	10.88*3.8mm
辐射体 Radiator	铜 Cuprum
连接器型号 Connect Type	-
工作温度 Working Temperature (° C)	-40~85
存储温度 Storage Temperature (C)	-40~85
外壳颜色 Radome Color	-
重量 Weight (g)	-

## 2、天线外形和尺寸 (the shape and size of the antenna)

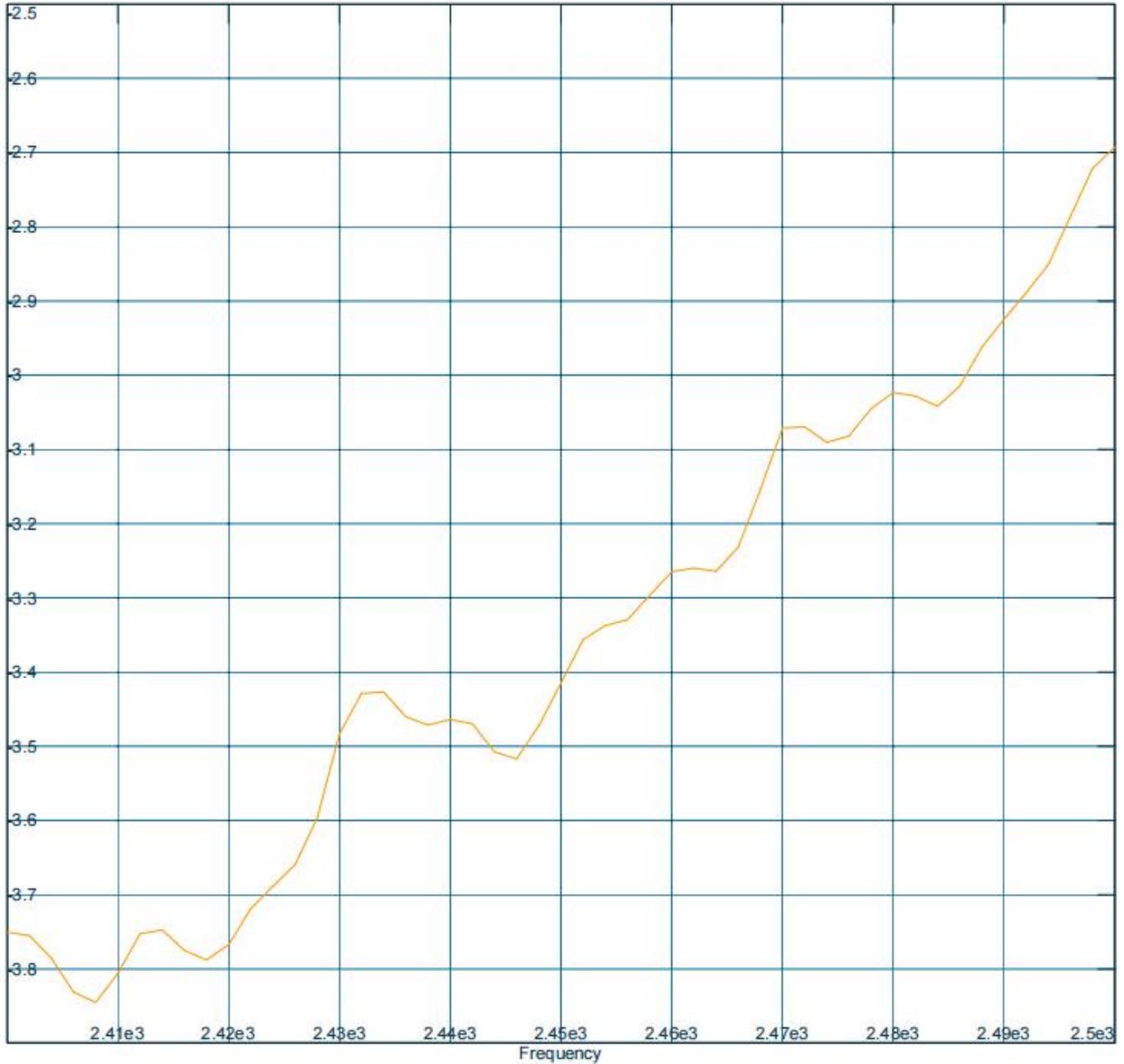


## 3、测试结果 (The result of the test)

### 3.1 增益 (Gain)



### 3.2 效率 (Efficiency)

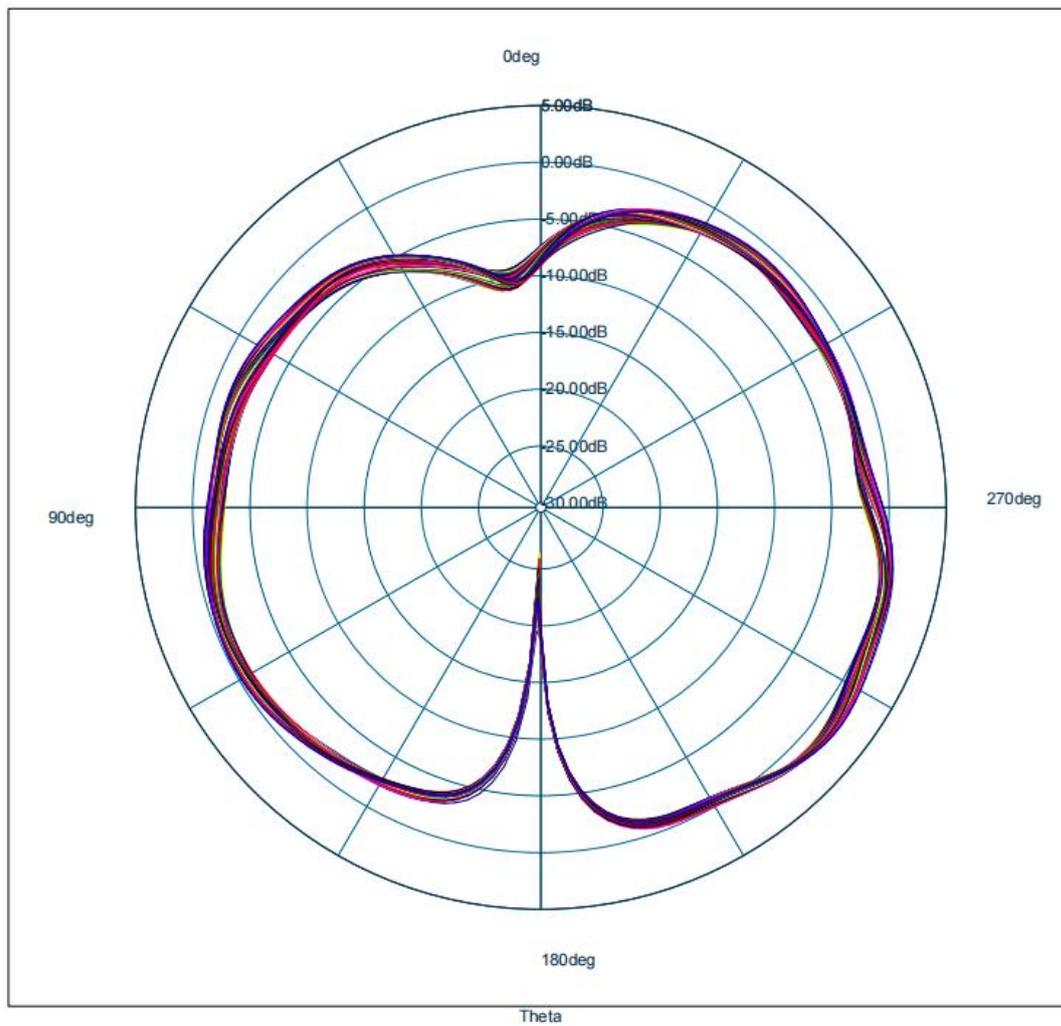
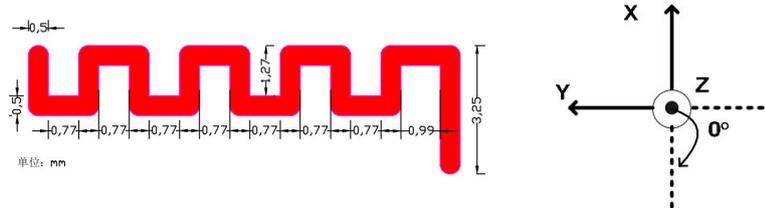


备注: 效率两种表达方式之间的关系: 效率 (dB) = 10lg(效率的百分比)

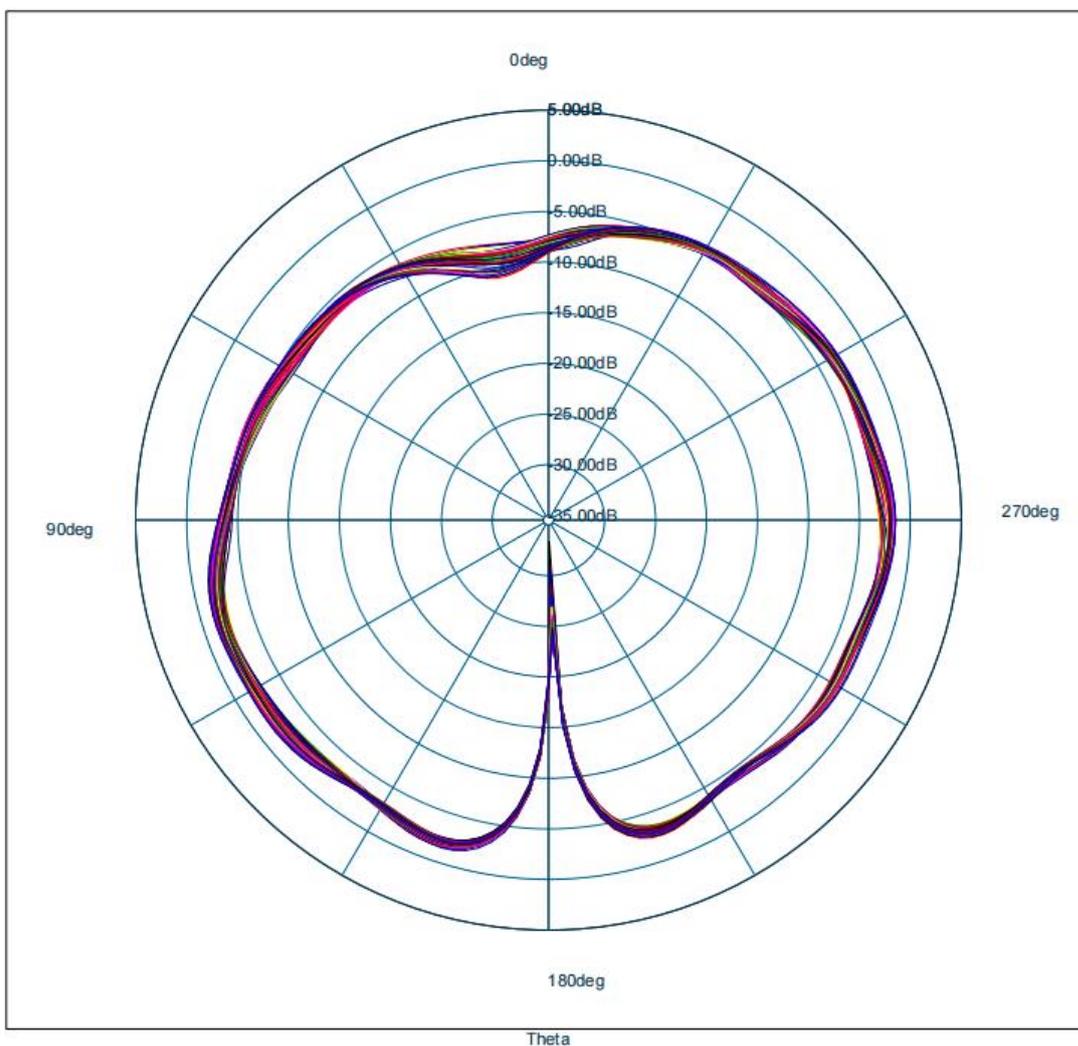
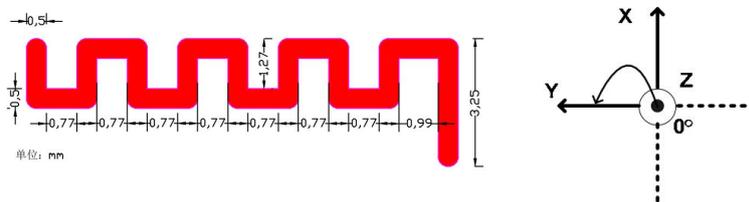
Note: the relationship between the two expressions of efficiency: efficiency (DB) = 10lg (percentage of efficiency)

#### 4、辐射方向图 (Radiation Pattern)

(1) (1) E1, XZ 面,  $\phi=0$ ; (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,  $\theta=90^\circ$ )

