

SPECIFICATION FOR APPROVAL

V1.0

客 户 名 称

CUSTOMER NAME: Jnhuamao Technology Company

Address: D-4020, Qilu soft zone Jinan city, Shandong, China

产 品 名 称

PRODUCT NAME: Dual mode Bluetooth module

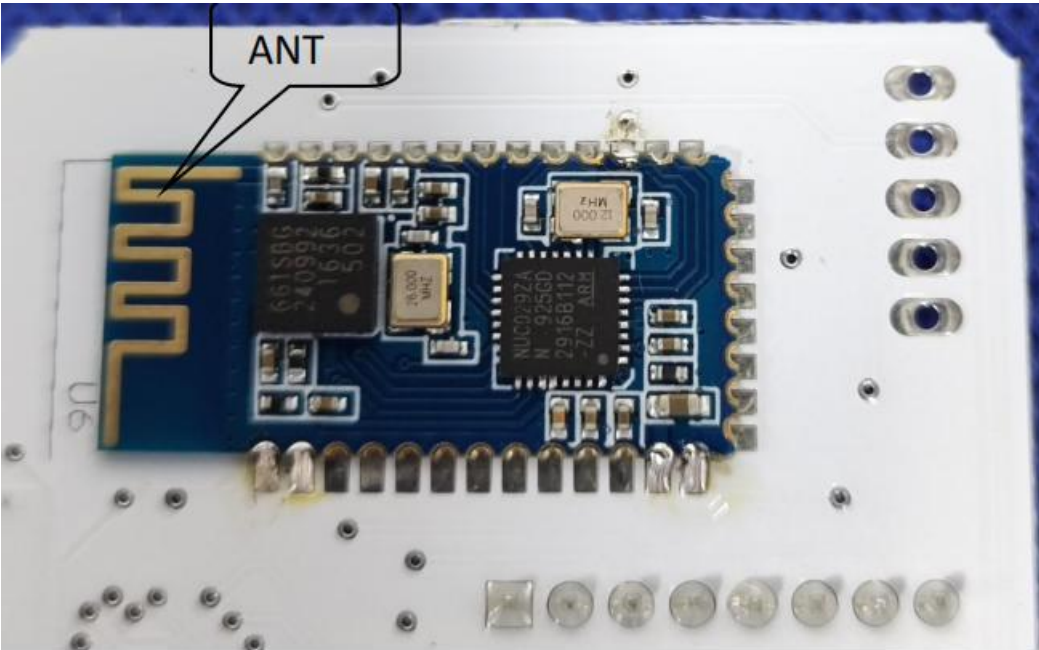
客 户 料 号

CUSTOMER P /N: HM-12

Contents

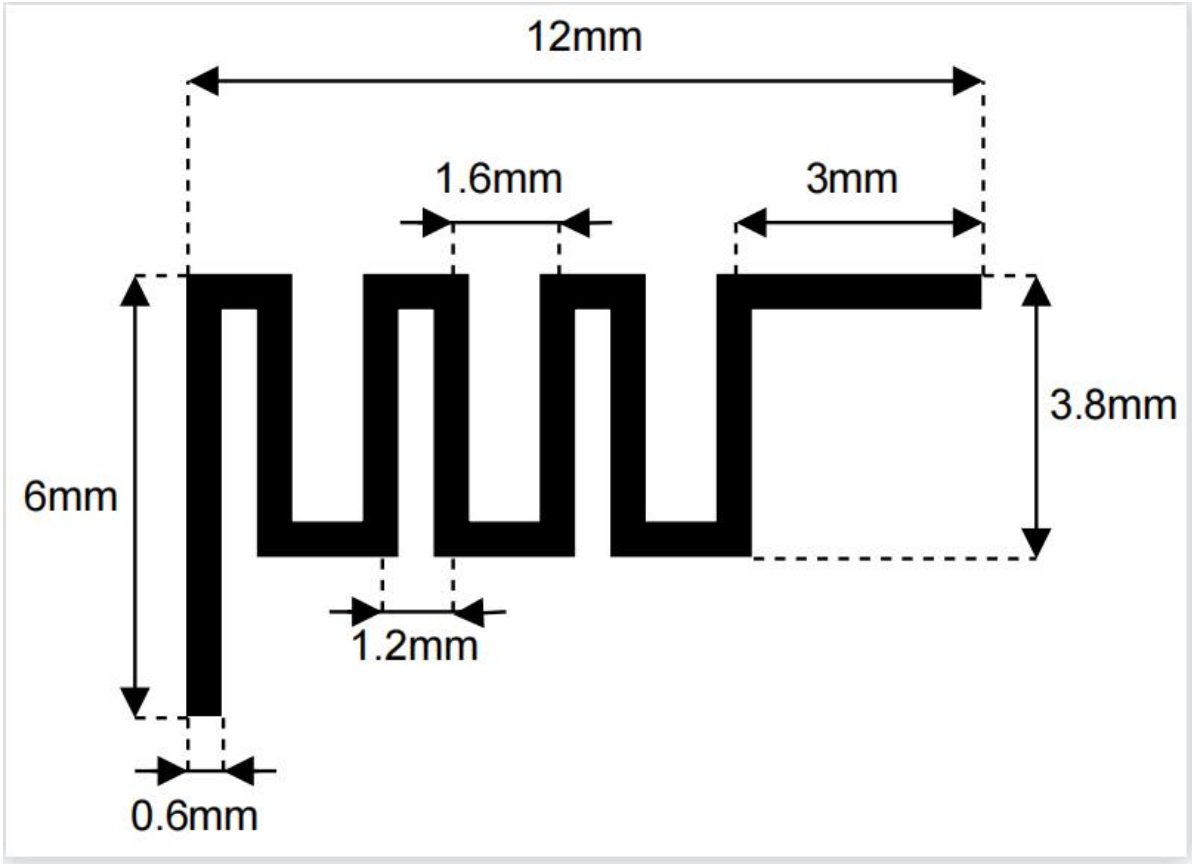
Item	Description
一、	规格表
二、	尺寸图
三、	测试报告

1. 规格表



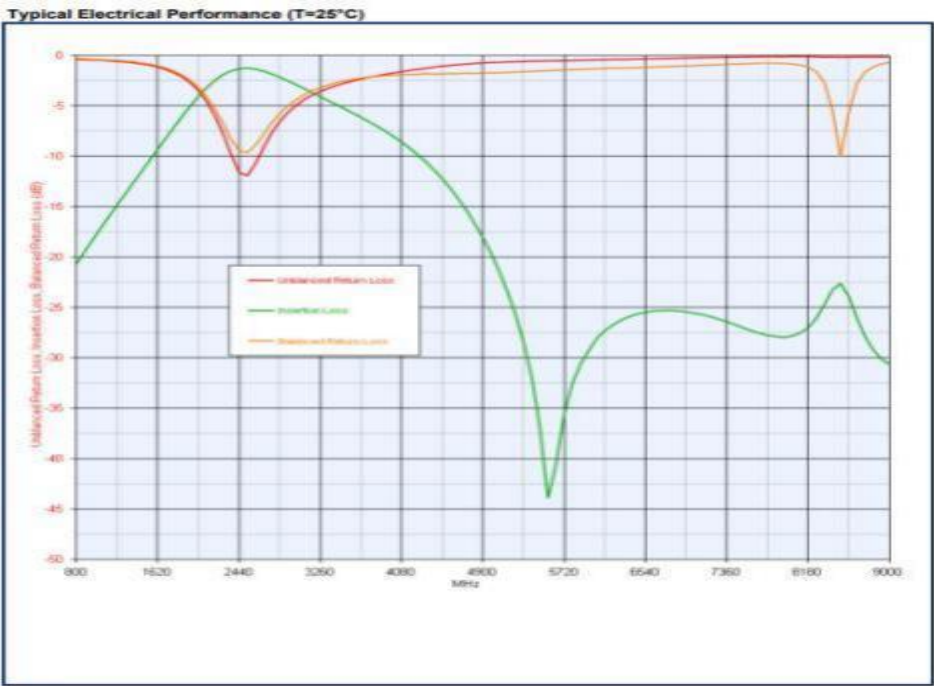
主要技术参数		Main technical specifications	
频率范围(MHz)	2400-2500	Frequency Range(MHz)	2400-2500
阻抗(ohm)	50	Impedance(ohm)	50
增益(dBi)	1.68	Gain(dBi)	1.68
输出驻波比	1.83	VSWR	1.83
功率	1.5W/3V3	Admitted Power	1.5W/3V3
方向性	全向性	Radiation	Omni-directional
物理性能		Physical Properties	
天线材料	FR4	Antenna cover	FR4
工作温度	-10--+80	OperatingTemp	-10-- +80
保存温度	+10--+20	StorageTemp	+10--+20

2. 尺寸图片

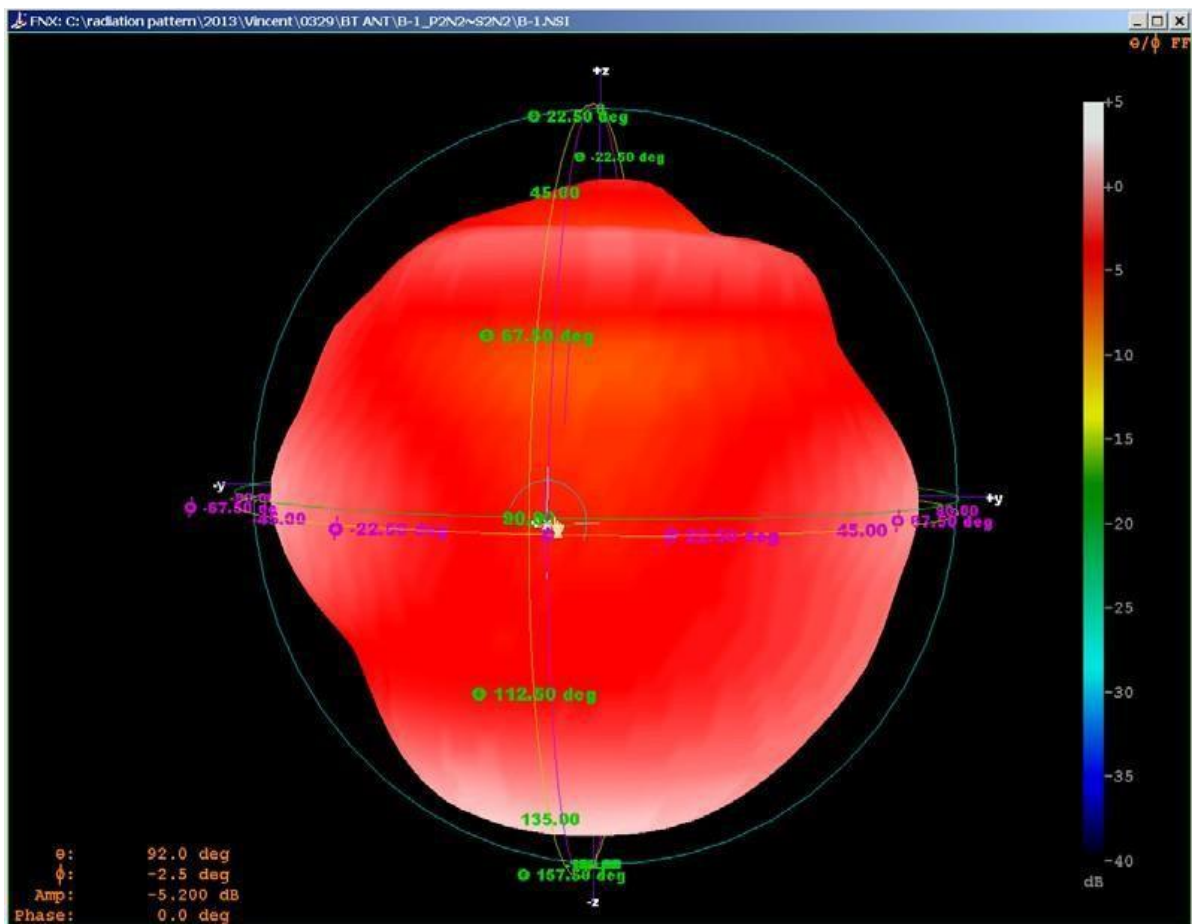


3. 测试报告

3.1：网络分析仪测试报



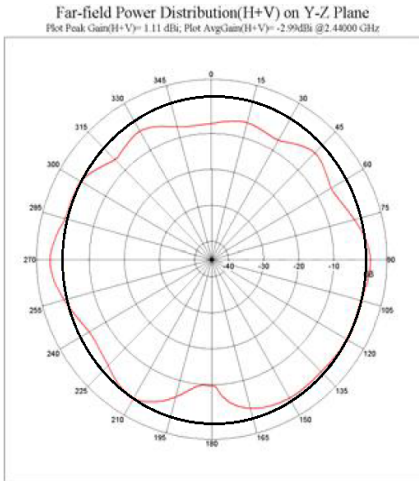
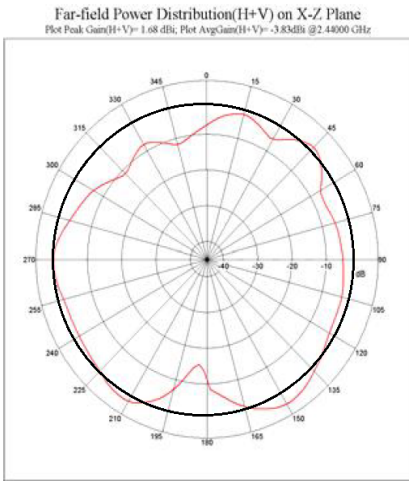
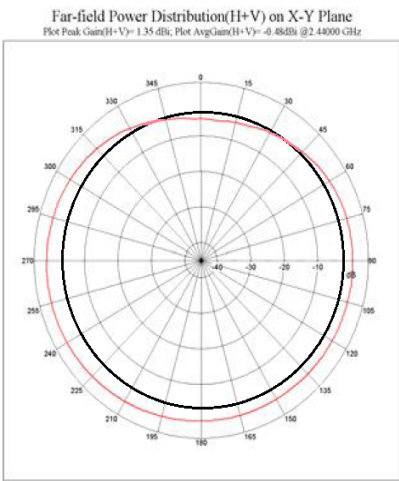
3.2: 暗室 2D、3DRaditation Pattern



XY-plane

XZ-plane

YZ-plane



Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.35	-0.48	1.68	-3.83	1.11	-2.99	60.2 %