

Manufacturer: ABrite Tech(Shanghai)Co.,Ltd.

Model: LP233

RenFeng P/N: RF1 PCB ANTENNA

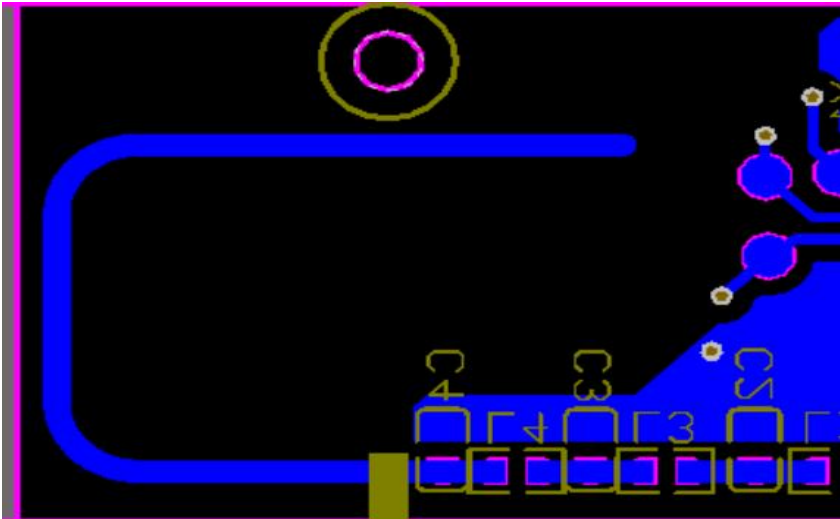
WRITED: Wang Long

DATE: 20240401

VERSIONS: A

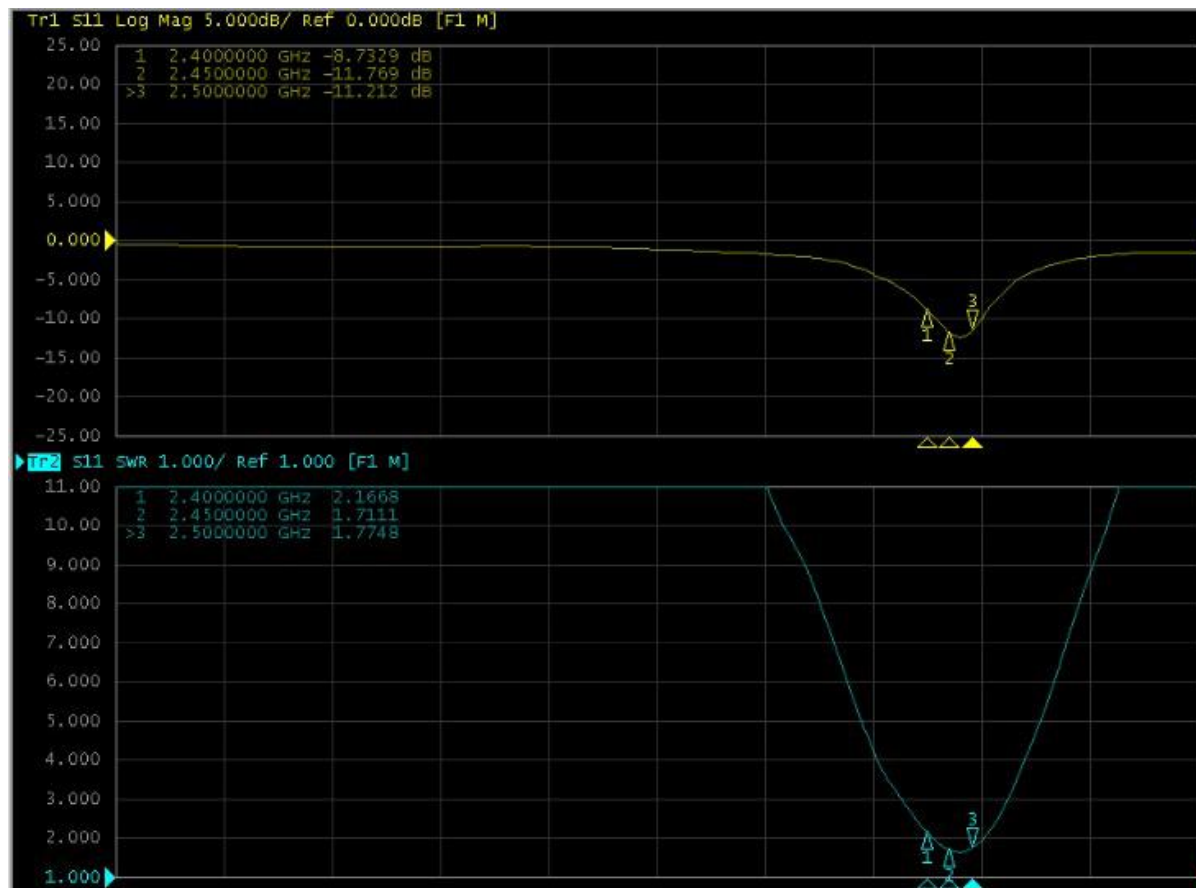
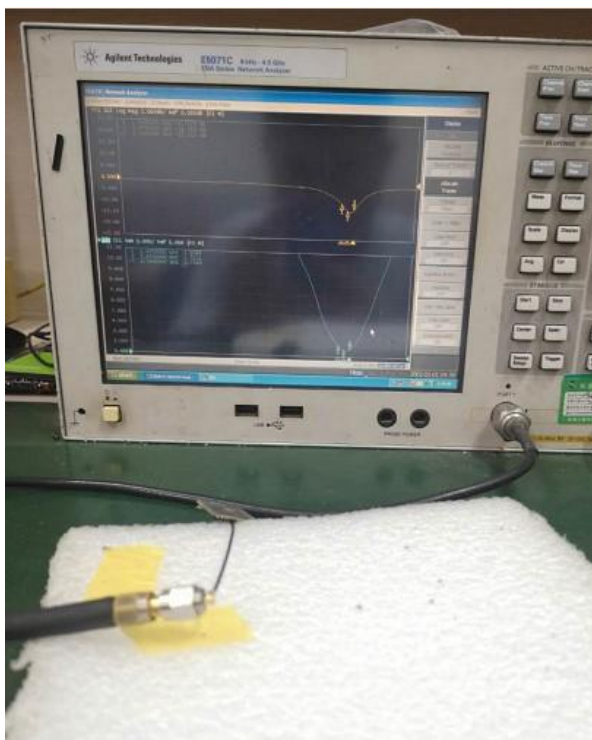
Address Bldg 37 No 550 Zhenkang Road Shanghai 201514
PRC, Shanghai, China

Size:

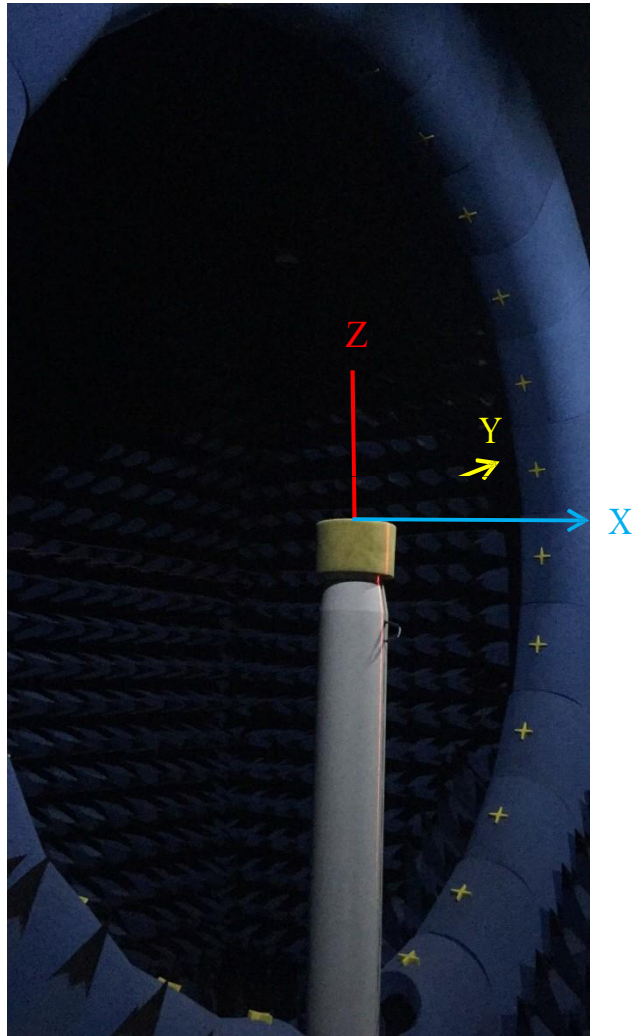


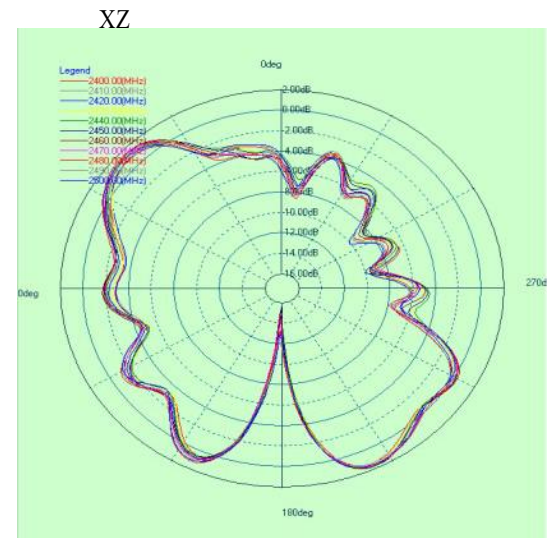
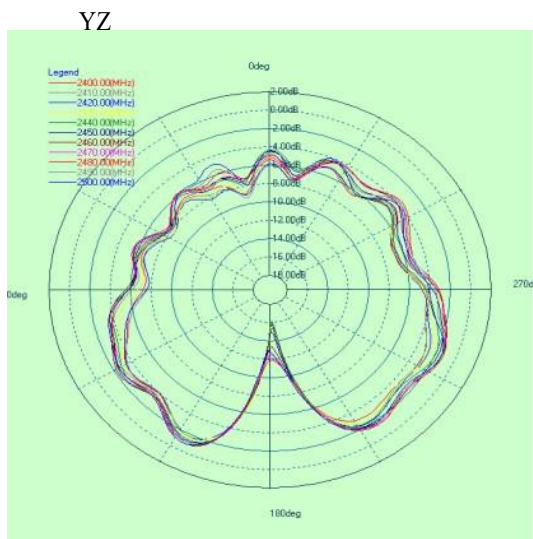
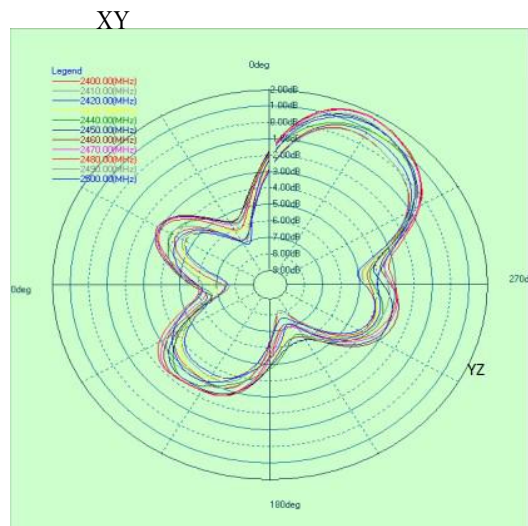
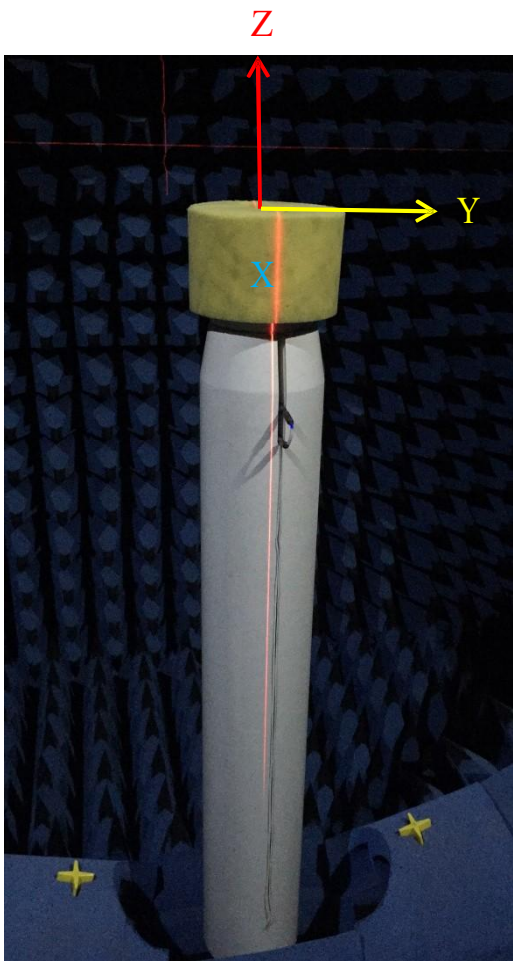
Test system and equipment

	测试项目/Test items	设备/equipment
1: S参数 S parameter	1. 回波损耗 Return loss 2. 驻波比 VSWR	网络分析仪/Network analyzer: A338/A333
2: 耦合功率测试 Active test	1. 发射功率 Transmitting power 2. 接收灵敏度Receiving sensitivity	综合测试仪/Comprehensive test instrument: Agilent 8960/ CMW500
3: 辐射模式与增益 Radiation mode and gain	1. 辐射模式 Radiation mode 2. 天线增益 Gain	1. 暗室/Shielding room: 7x4x3 m (ETS-3D) 2. 网络分析仪/Network analyzer: HP 8753D



Frequency (MHz)	310	315	320
Return Loss	-8.73	-11.76	-11.21
VSWR	2.16	1.71	1.77





Freq. (MHz)	Effi(%)	Gain (dBi)
310	62.86	2.54
315	59.85	2.30
320	60.41	2.49

3D radiation pattern diagram

