

样品承认书

Sample Approved Sheet

合拓（HT-2.4G-B06）承认书

客户名称 深圳市友派智能电子有限公司

客户机型 Q2PRO

品牌 合拓

合拓 判定审核组

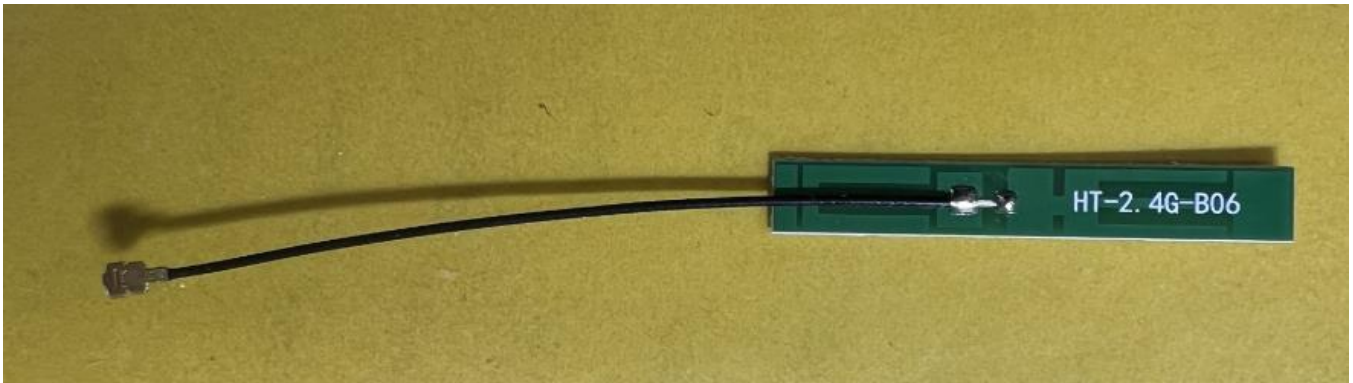
制订	审核	批准	承认书完成时间
钟晓鸣	吴寿平	戴庭	2026-03-24

友派（客户）判定审核组

承认书编号 承认书提供时间

承认	审核	批准	承认日期
评审项目： ☐ 承认书 3 份 ☐ 规格书/图纸 ☐ 检测报告 ☐ 样品__PCS ☐ 安规 ☐ HSF			
评审结果： ☐ 接受 ☐ 有条件接受 ☐ 拒绝			

The report mainly provides the test status of the electrical properties parameters of **HT-2.4G-B06**. The **HT-2.4G-B06** Antenna is a **2.4GHz** Band . The antenna Picture and assembly are shown below.



Antenna picture & assembly picture

2. Antenna Test Equipment Introduction

Test of antenna input characteristics using Agilent E5071C and Agilent 5062A vector network analyzer; The radiation pattern of the antenna are tested using the Satimo starlab 3D near field Anechoic Chamber , and the instrument is used to agilent8960 E5515 and Agilent E4438C. The test coordinates of the darkroom are as follows:

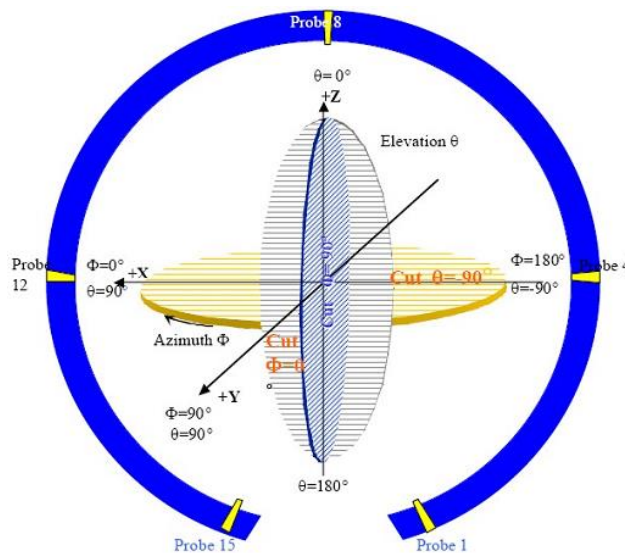


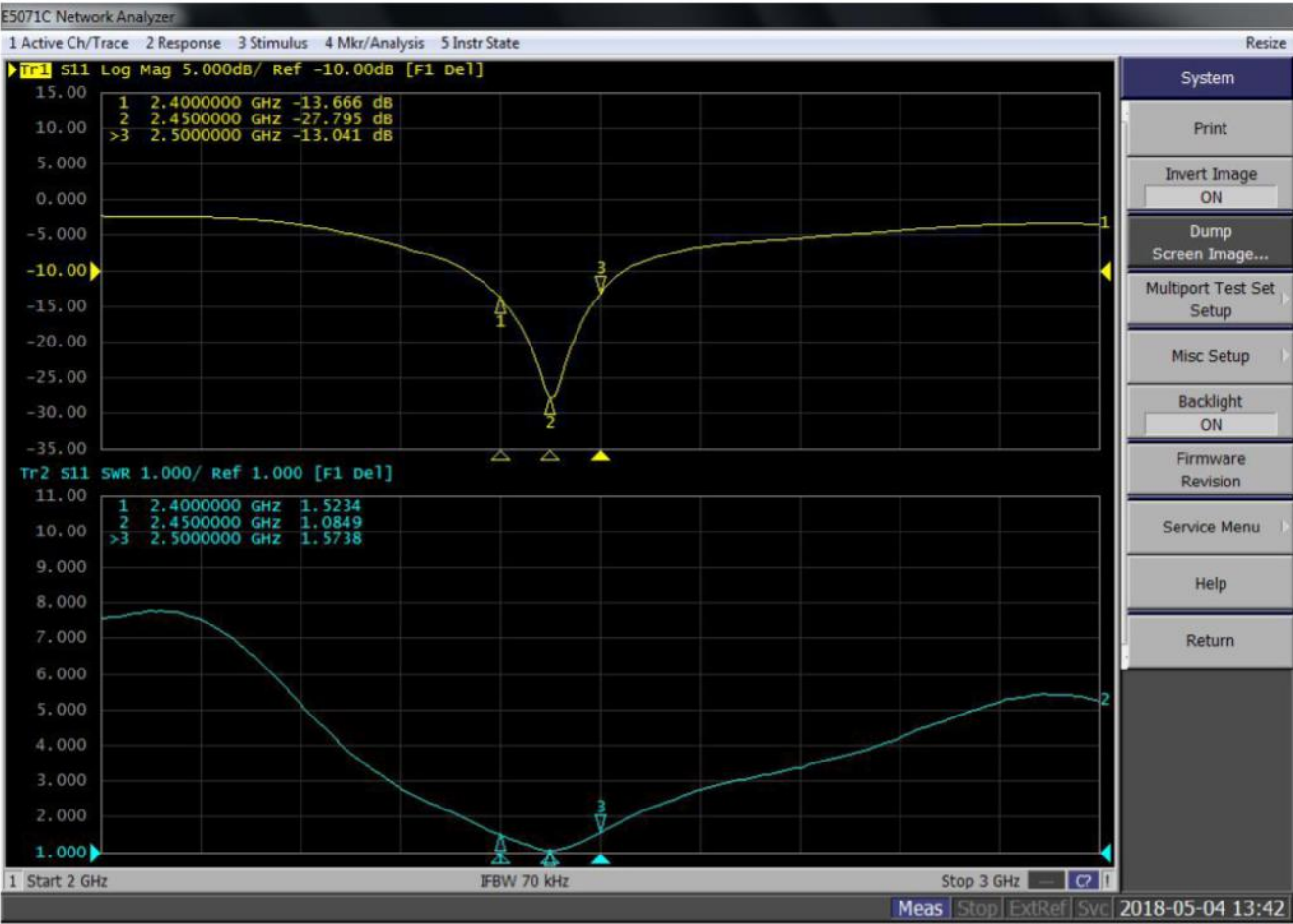
图 4 3D 微波暗室测试坐标系 (back view)

3. Electrical Specification

3-2 Passive S11 parameter

Measuring Method is a 50Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the S11 parameter, Keeping this fixture away from metal

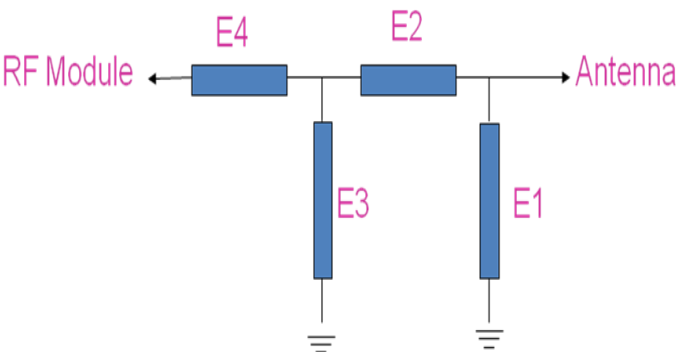
at least 20cm.



VSWR

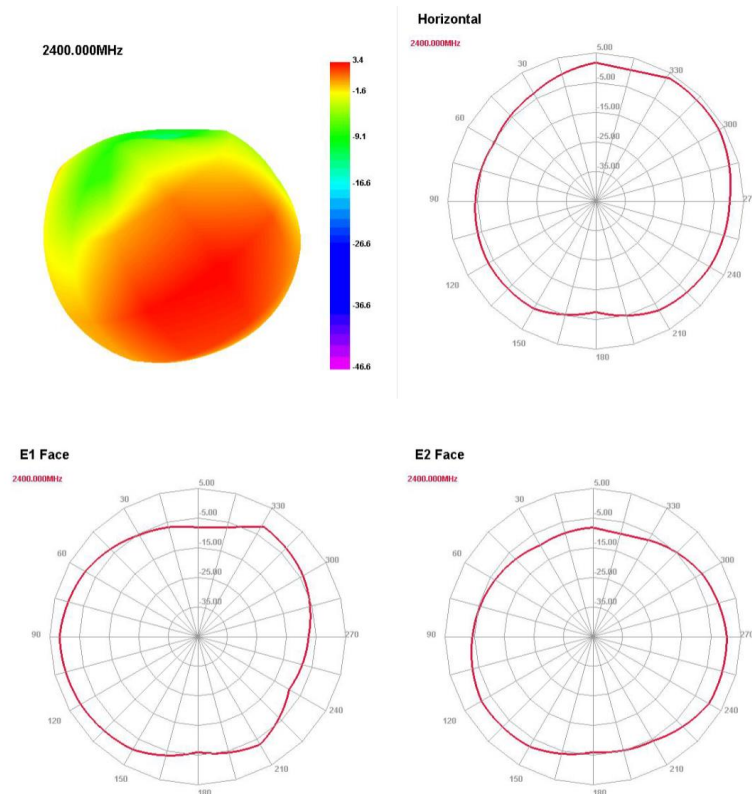
3-3 Antenna Matching Network

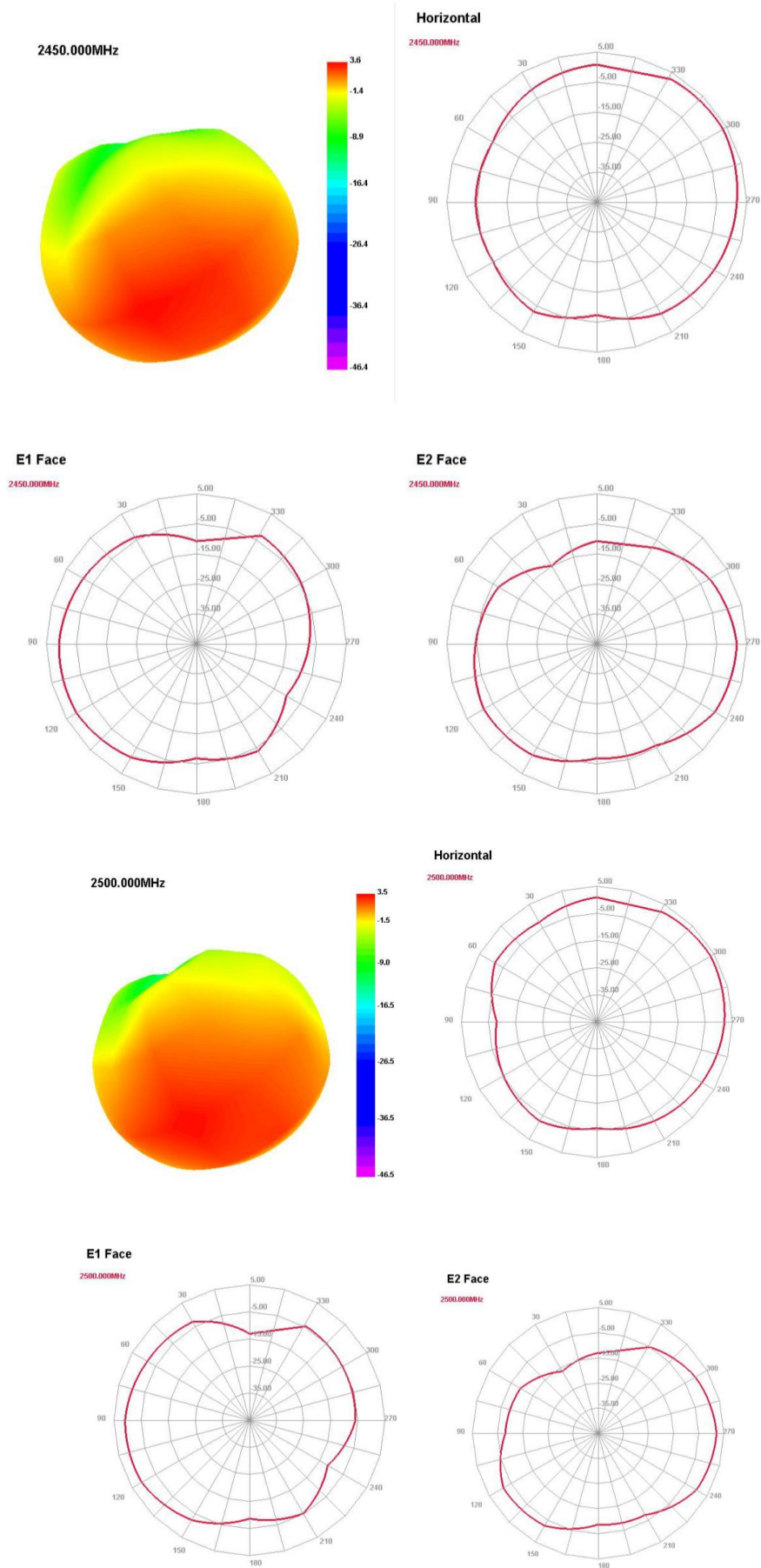
原匹配电路未改动



Element	r
E1	N/A
E2	50 Ω
E3	NA
E4	50 Ω

Freq (MHz)	Effi (%)	Gain (dBi)
2400	67.82	3.41
2410	68.34	2.74
2420	66.5	3.18
2430	68.64	3.12
2440	67.17	3.42
2450	67.74	3.59
2460	69.34	3.13
2470	66.83	3.35
2480	67.62	3.25
2490	67.93	3.28
2500	68.32	3.52





4. Mechanical Specification:

Mechanical Configuration (Unit: mm)

The appearance of the antenna is according to drawing Figure 8

