样品承认书

Sample Approved Sheet

客户名称 Customer name	Shenzhen Todakj Co., Ltd			
型号 Model	Q368		产品名称 Product Name	对讲机天线 Walkie-talkie antenna
客户编码 Customer Number	NO:240407		料号 P/N	007.0009
规格 Specification	磷铜天线尺寸 Phosphor Copper Antenna Size	0.7X5X36X22T		
R&d audit				
Formula	Check		Approver	Acknowledging Time
st yang	Zhisheng Huang		Nick Huang	2024-4-18

Customer Decision Audit

Acknowledge 承认	Check 确认	Approver 批准	Acknowledging Time 确认时间
TT Gong	Wei Wang	XS Huang	2024-5-20
评审项目：承认书，图纸，样品，电子性能 Review items: Acknowledgements, drawings, samples, electronic properties			
Appraisal Result	Pass		
确认结果	合格		

目录/Catalogue

1. Antenna picture

The report mainly provides the test status of the electrical properties parameters of Q368 walkie talkie. The Q368 walkie talkie antenna is a 462-467MHzBand . The antenna Picture and assembly are shown below. Antenna picture & assembly picture
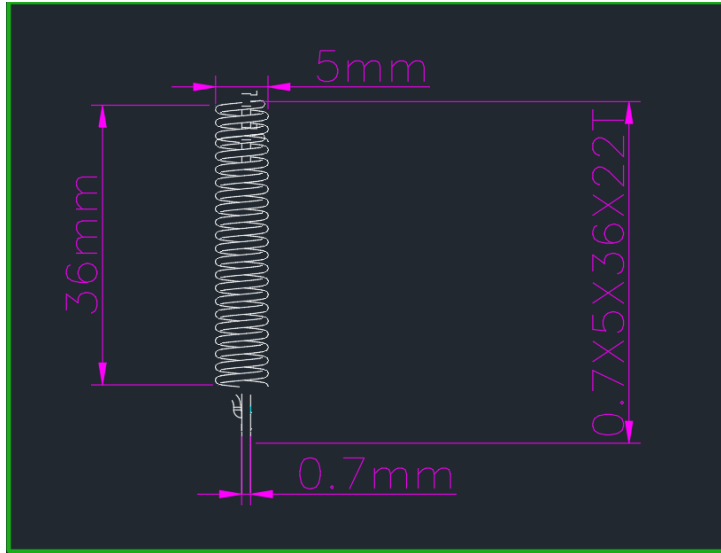
2.Antenna Test Equipment Introduction

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
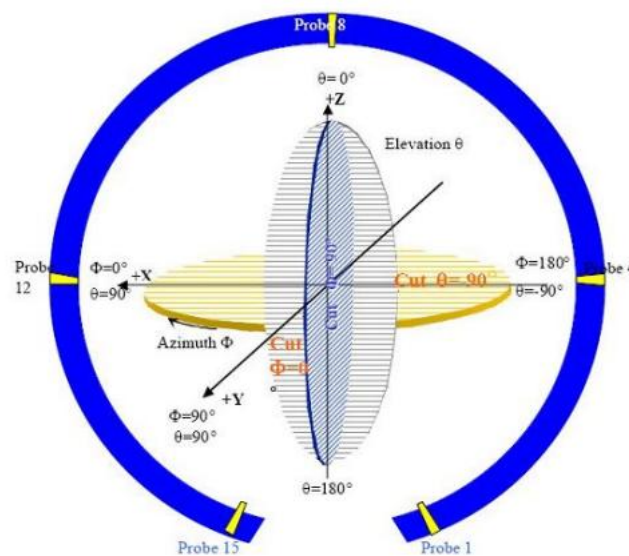Agilent E4438C. The test coordinates of the darkroom are as follows
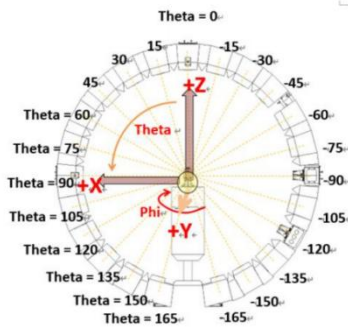

图 4 3D 微波暗室测试坐标系 (back view)

3. Electrical Specification

3-2 Passive S11 parameter

Measuring Method is a 50 Ω 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.
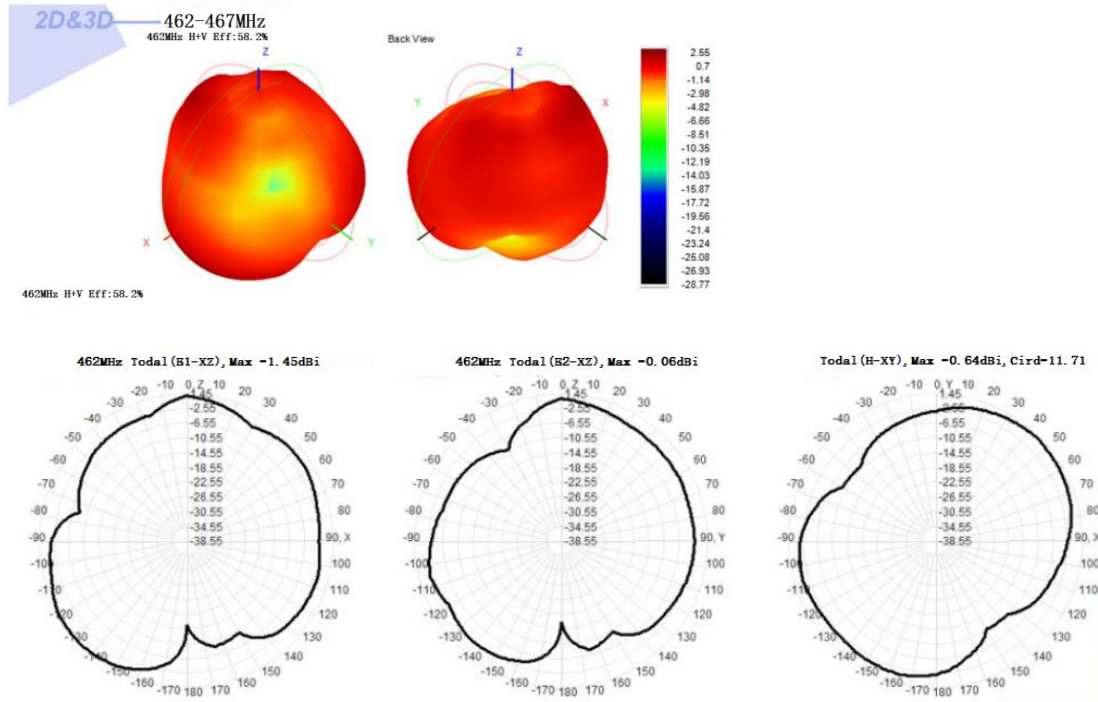
VSWR

3-3 Antenna Matching Network

Efficiency (dBi)	58.18	59.37	57.68	58.45	58.04	55.73	54.44	53.24	51.42	51.39	49.49
Gain (dBi)	0.98	1.0	0.99	0.99	1.0	0.99	1,0	1.01	1.0	0.99	1.0

462MHz H+V Eff:58.2%

Material object 实物

Q368 ANT

5mm

36mm

0.7×5×36×22T

0.7mm