
SL006D 项目 WBG 天线承认书
SL006D project WBG antenna acknowledgement

1 概述 Overview

此文档是 SL006D 项目 WBG 天线承认书;

This document is the SL006D project WBG antenna acknowledgement;

天线工作频段为 1575MHz ;2400MHz~2500MHz;

The antenna operates in the frequency band of 1575MHz;

2400MHz~2500MHz;

2 Manufacturere and its address

公司名称: 惠州硕贝德无线科技股份有限公司

Company name: Huizhou Speed Wireless Technology Co., Ltd

Address Address: Huize Avenue, Shuikou Dongjiang High-tech Industrial Park,

Huizhou City, Guangdong Province

3 天线的型号及天线类型

The model and type of antenna

天线型号: SL006D-G+W(FPC)天线

Antenna model: SL006D-G+W (FPC) antenna

天线类型: IFA

Antenna type: IFA

4 天线测试环境

4 Antenna test environment

4.1 天线测试 lab, 测试仪器, 及校准日期

4.1 Antenna test lab, test instrument, and calibration date

天线输入特性测试使用 Agilent E5071C 矢量网络分析仪。

Antenna input characteristics are tested using the Agilent E5071C vector network analyzer.

天线辐射特性测试使用 Satimo SG24 3D 近场微波暗室

The antenna radiation characteristics test uses the Satimo SG24 3D near-field anechoic chamber.

4.2 天线测试 lab, 测试仪器, 及校准日期

4.2 Antenna test lab, test instrument, and calibration date

综测仪使用的是 Anritsu MT8820C(4G)&Agilent 8960 SERIES 10(2G&3G)。

The tester uses the Anritsu MT8820C (4G) & Agilent 8960 SERIES 10 (2G&3G).

天线辐射特性测试使用 Satimo SG16 3D 近场微波暗室。

The antenna radiation characteristics test uses the Satimo SG16 3D near-field anechoic chamber.

4.3 天线测试 lab, 测试仪器, 及校准日期。

4.3 Antenna test lab, test instrument, and calibration date.

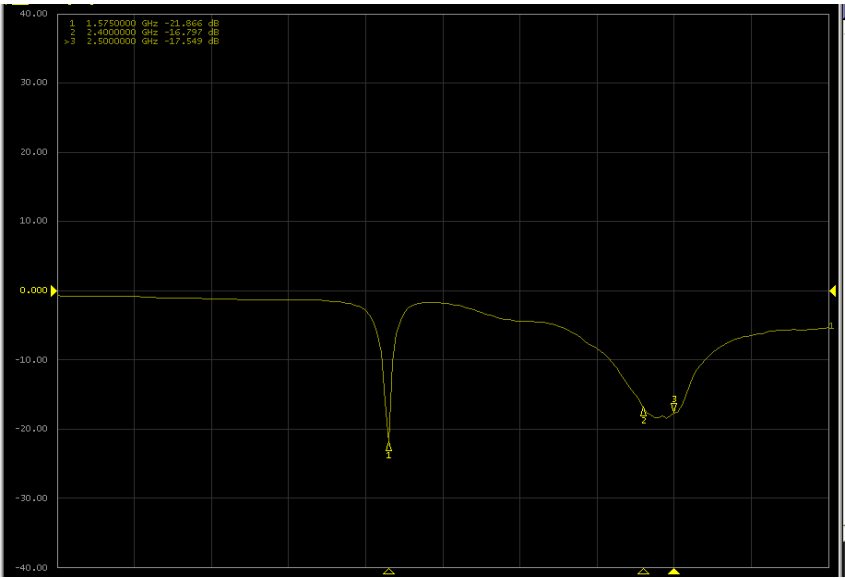
4.3 Anritsu MT8820C 校准日期

4.3 Anritsu MT8820C calibration date

校准日期 Calibration date
2023.3.22

5 反射损耗

5 Reflection loss



WBG S11

6 天线增益及 2D or 3D Pattern 图:

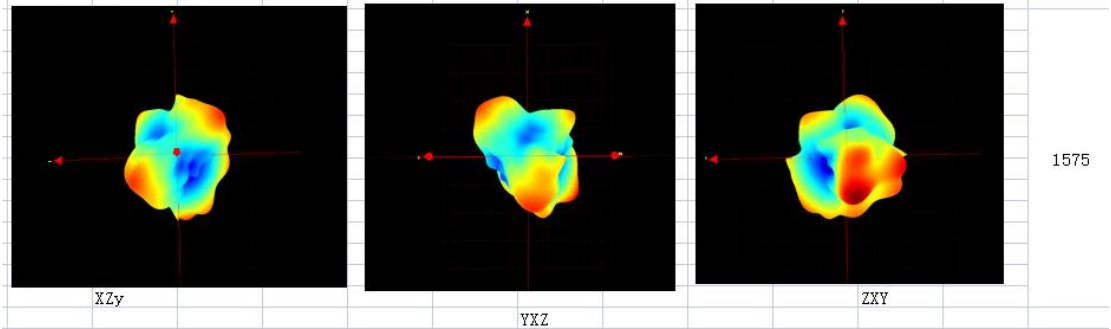
6 Antenna gain and 2D or 3D Pattern diagram:

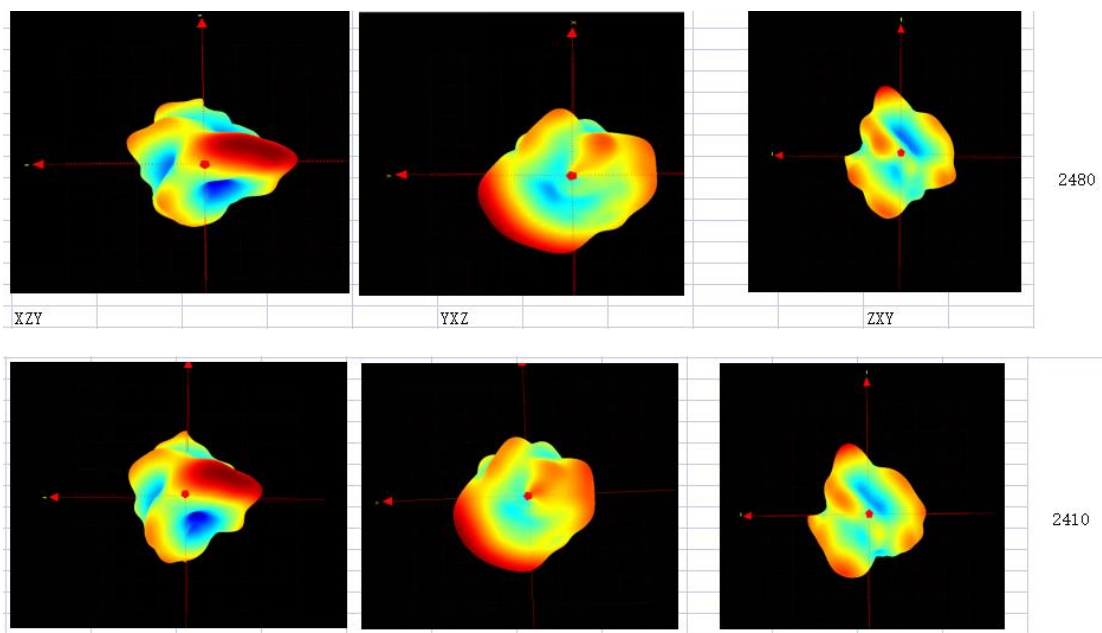
Band Efficiency Gain

1570000000	-5.69	0.38
1580000000	-5.72	0.38
2400000000	-4.56	1.15
2410000000	-4.63	1.04
2420000000	-4.38	1.25
2430000000	-4.49	1.36
2440000000	-4.58	1.39
2450000000	-4.48	1.3
2460000000	-4.22	1.55
2470000000	-4.17	1.56
2480000000	-4.1	1.48
2490000000	-4.2	1.31
2500000000	-4.15	1.43

6.1 天线增益及 2D or 3D Pattern 图:

6.1 Antenna gain and 2D or 3D pattern diagram:





7 天线测试照

7 Antenna test photo (Please refer set up photo)

8. 测试软件 MVG-24

8.Test software MVG-24

9. 签名/Signature:

Bill Xu