

Antenna Test Report

Product Name: Bluetooth Module	Report No. : RF8230406039-L1-R
Product Model: JMD1102/JMD1105/JMD1106	Security Classification: Open
Version : V1.0	Total Page: 10

HAIYUN Laboratory Report

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Antenna Test Report

Equipment:	Bluetooth Module
Model:	JMD1102/JMD1105/JMD1106
Applicant:	JOYTECH Healthcare Co., Ltd.
Applicant address:	No.365,Wuzhou Road311100 Hangzhou, Zhejiang ProvincePEOPLE'S REPUBLIC OF CHINA
Manufacture:	JOYTECH Healthcare Co., Ltd.
Address:	No.365,Wuzhou Road311100 Hangzhou, Zhejiang ProvincePEOPLE'S REPUBLIC OF CHINA
Date of Receipt:	Apr 7.2023
Date of Test:	Apr 1.2023~May 10.2023
Issue Date:	May 10.2023
Tested by:	Shenzhen HAIYUN Testing Co., Ltd. Laboratory

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1. Purpose & Environment

1.1 Purpose

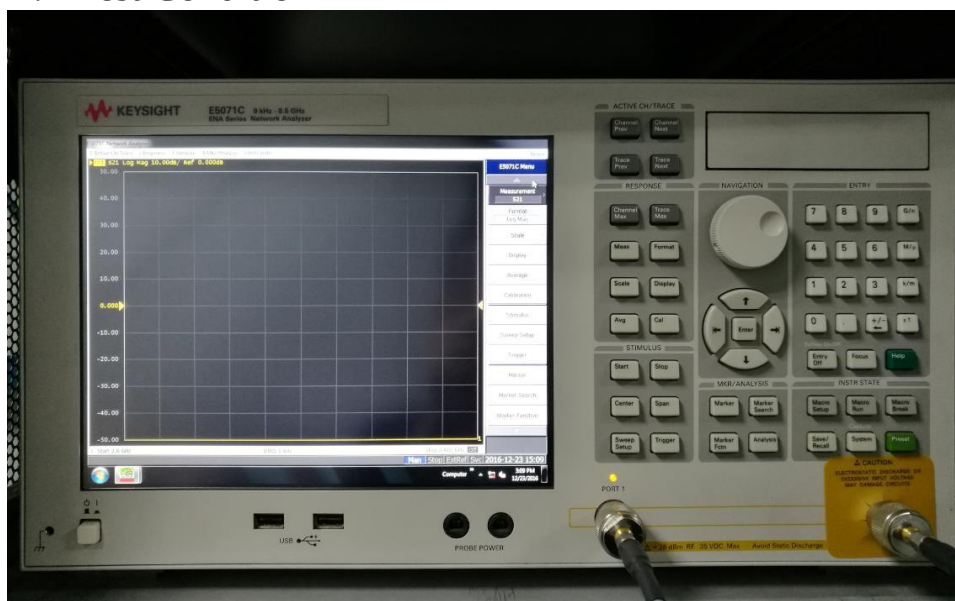
- Meet the electrical performance index;
- Confirm the antenna scheme to meet the design requirements;

1.2 Environment

- Test Condition: the network analyzer(E5071C) and SATIMO microwave anechoic chamber
- Passive measurement results are presented

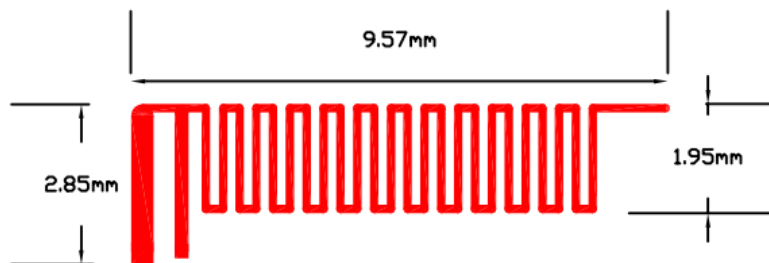
2. Test Condition and DUT Antenna

2.1 Test Condition



The network Analyzer

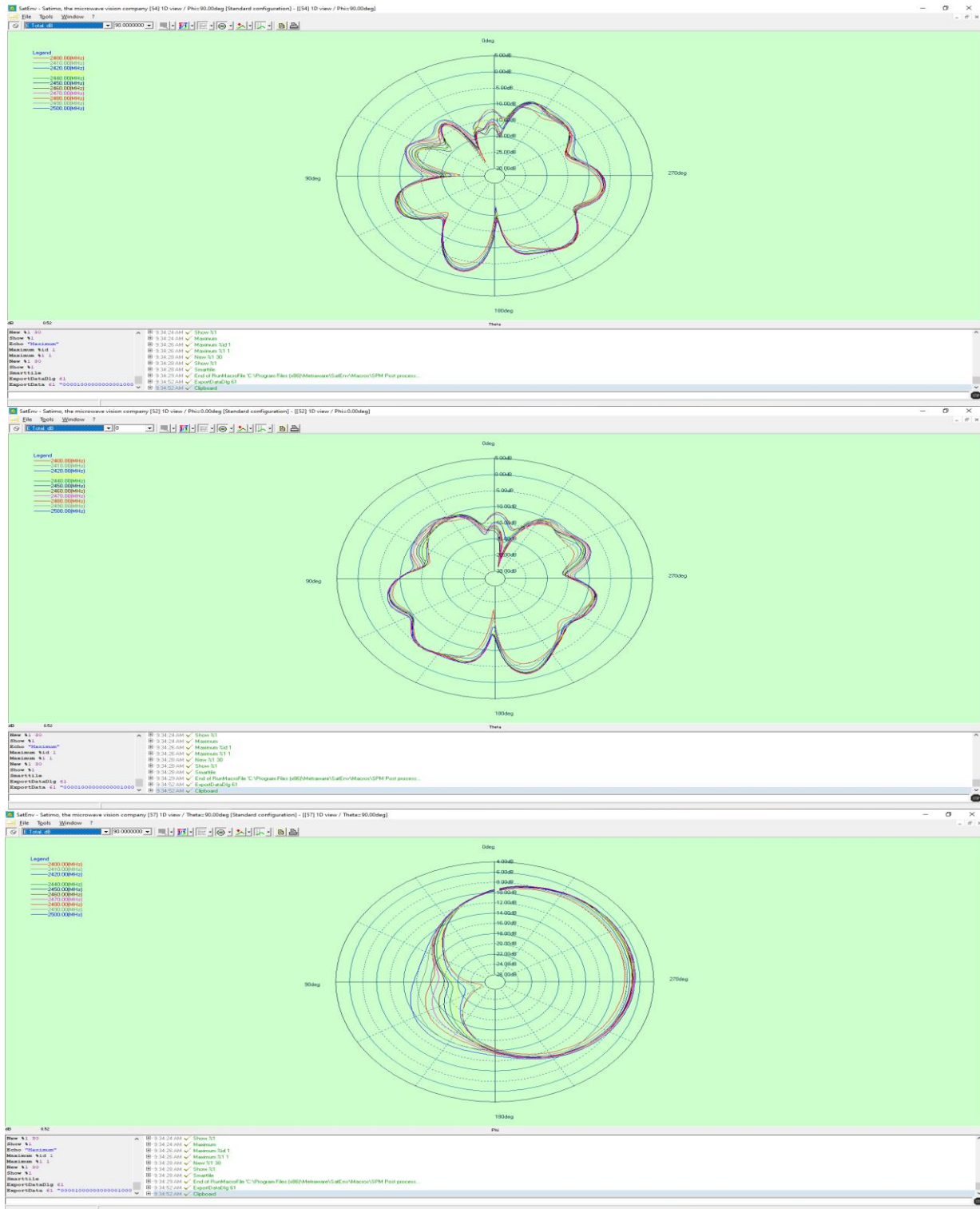
2.2DUT Antenna



3 2D Radiation pattern

3.1 2D Radiation pattern test results

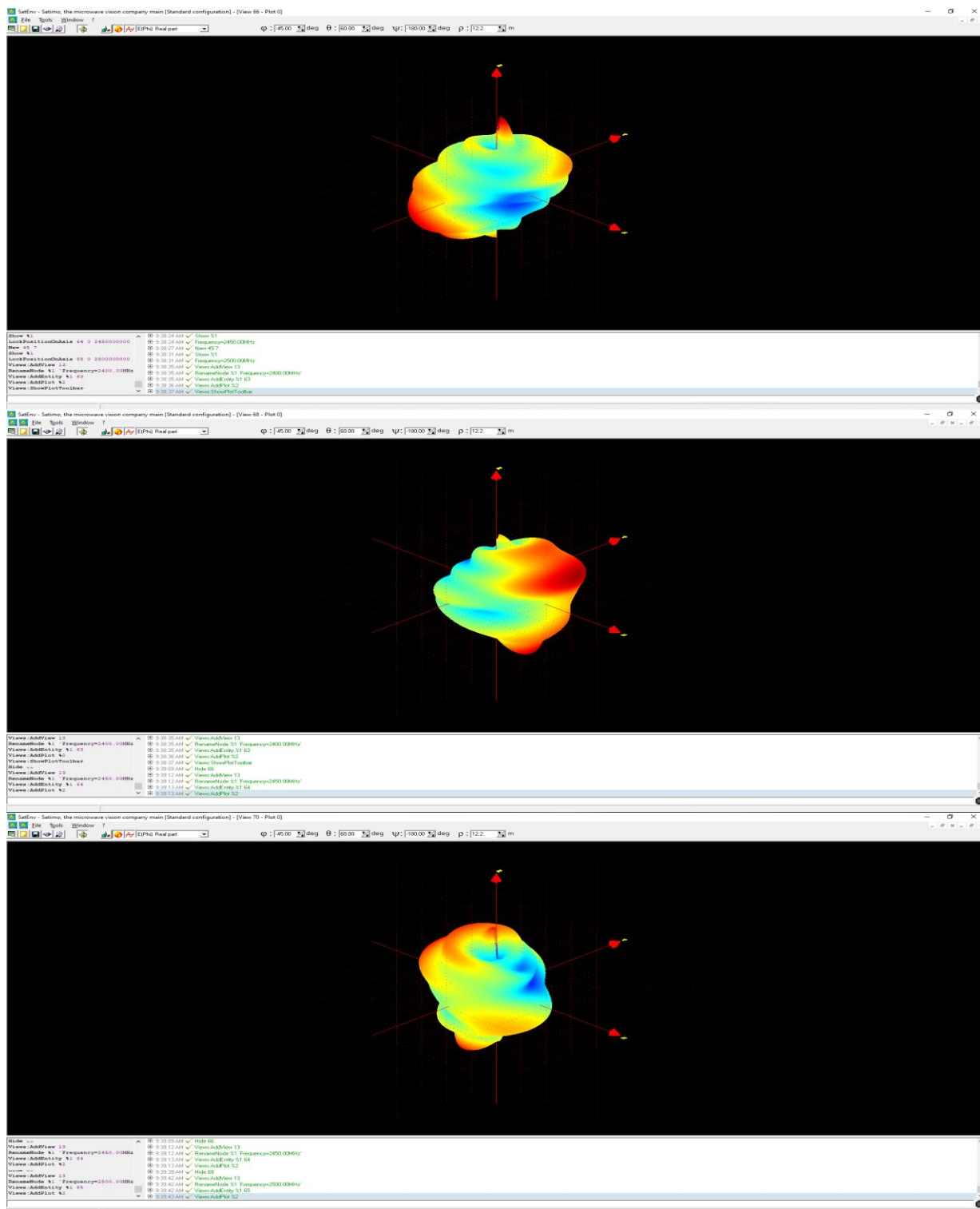
Antenna_2D



3 3D Radiation pattern

3.2 3D Radiation pattern test results

Antenna_3D



4 Peak Gain

4.1 Test results

Antenna_Peak Gain	
Frequency (MHz)	Peak_Gain . dBi
2400	-3.52746
2410	-2.85367
2420	-2.15516
2430	-1.78412
2440	-1.69437
2450	-1.55137
2460	-1.49915
2470	-1.37612
2480	-1.49079
2490	-1.57472
2500	-1.7318

STATEMENT

- a) The test report applies only to the specific samples tested under conditions.
- b) The test report is invalid without the Inspection Seal.
- c) The test report is invalid without the signature of the test engineer, auditor, Approver.
- d) The test report is invalid if it is altered or copied.
- e) Partial replica is prohibited without permission of Shenzhen HAIYUN Testing Co., Ltd. Laboratory
- f) The test results presented in this report is only valid on the tested samples.
- g) Objections to this report should be submitted to the inspection organization in 15 days of receipting the report. It is not accepted if overdue.

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(END OF REPORT)