

# Antenna Test Report

Product Name: REMOTE CONTROL	Report No. : RF230516002-01-001
Product Model: RE-031	Security Classification: Open
Version : V1.0	Total Page: 10

## HAIYUN Laboratory Report

# Antenna Test Report

<b>Equipment:</b>	REMOTE CONTROL
<b>Model:</b>	RE-031
<b>Applicant:</b>	EILEEN GRAYS NETWORK TECHNOLOGY CO.,LTD
<b>Applicant address:</b>	Rm 1707-1710,block D,Weilan Business port,Qianshan Rd,Zhengwu District, Hefei,Anhui,CHINA
<b>Manufacture:</b>	San Sheng (Zhongshan) Electronic Technology Co.,Ltd.
<b>Address:</b>	Torch Development Zone,No.1 Jiangling West Road, Zhongshan City,Guangdong Province,China
<b>Date of Receipt:</b>	May 16.2023
<b>Date of Test:</b>	May 18.2023
<b>Issue Date:</b>	May 18.2023
<b>Tested by:</b>	Shenzhen HAIYUN Testing Co., Ltd. Laboratory

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# 1. Purpose & Environment

## 1.1 Purpose

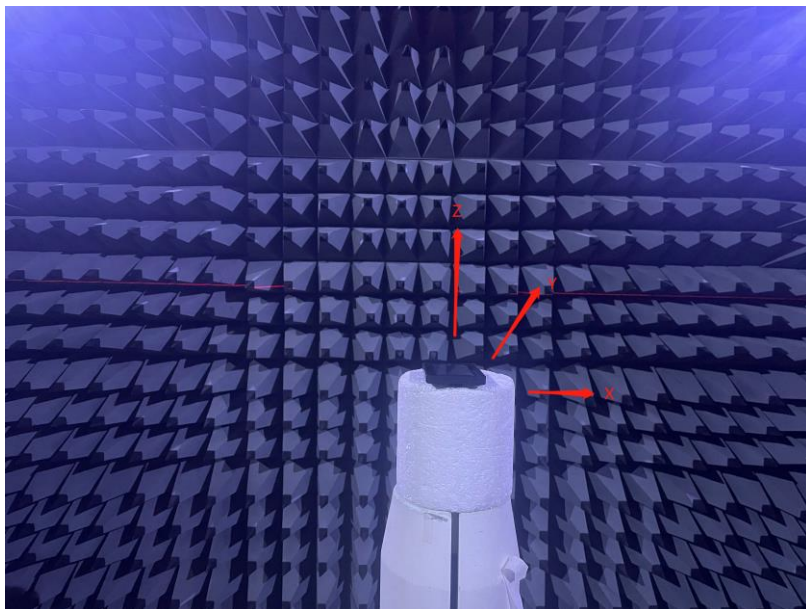
- Meet the electrical performance index;
- Confirm the antenna scheme to meet the design requirements;

## 1.2 Environment

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

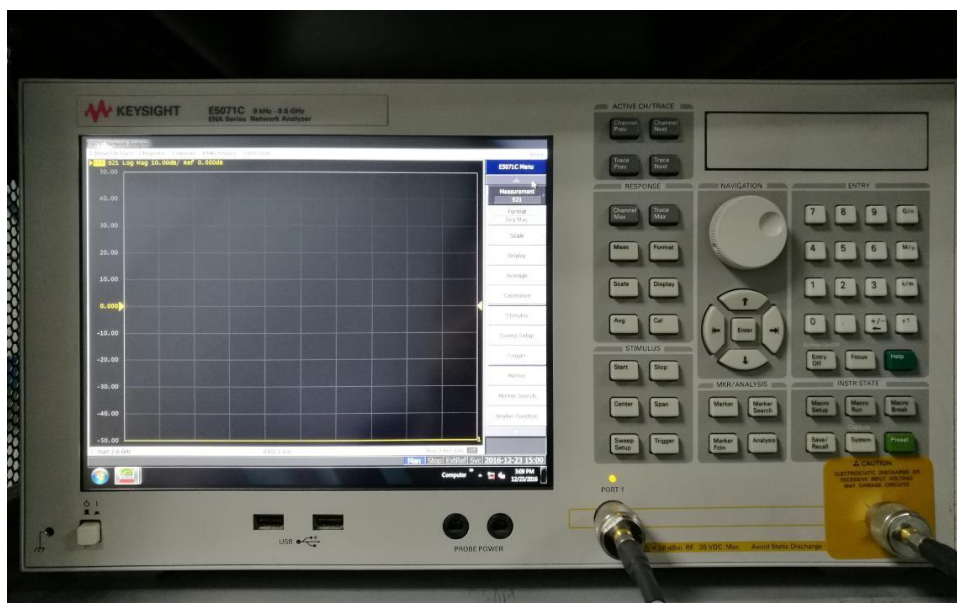
## 2. Test photos、 Test Condition and DUT Antenna

### 2.1 Test photos



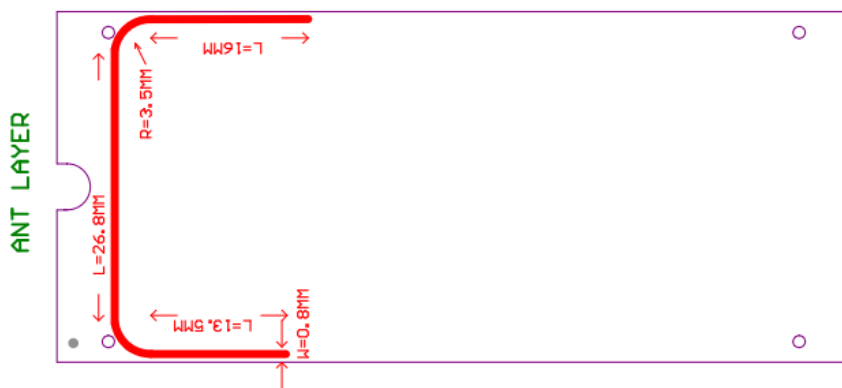
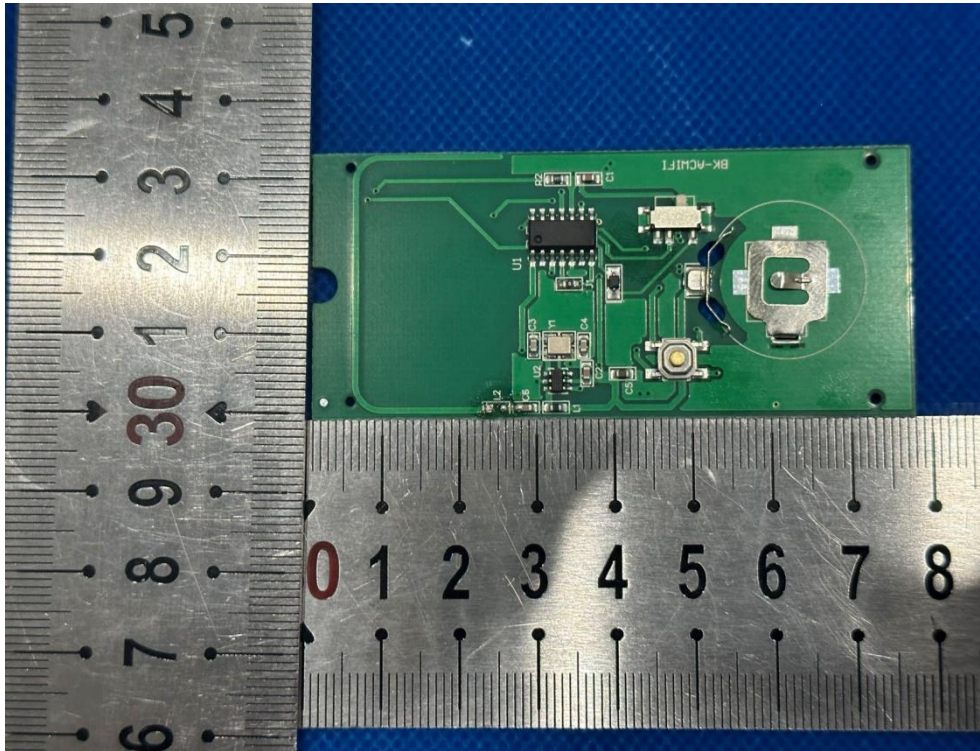
Microwave anechoic chamber

### 2.2 Test Condition



The network Analyzer

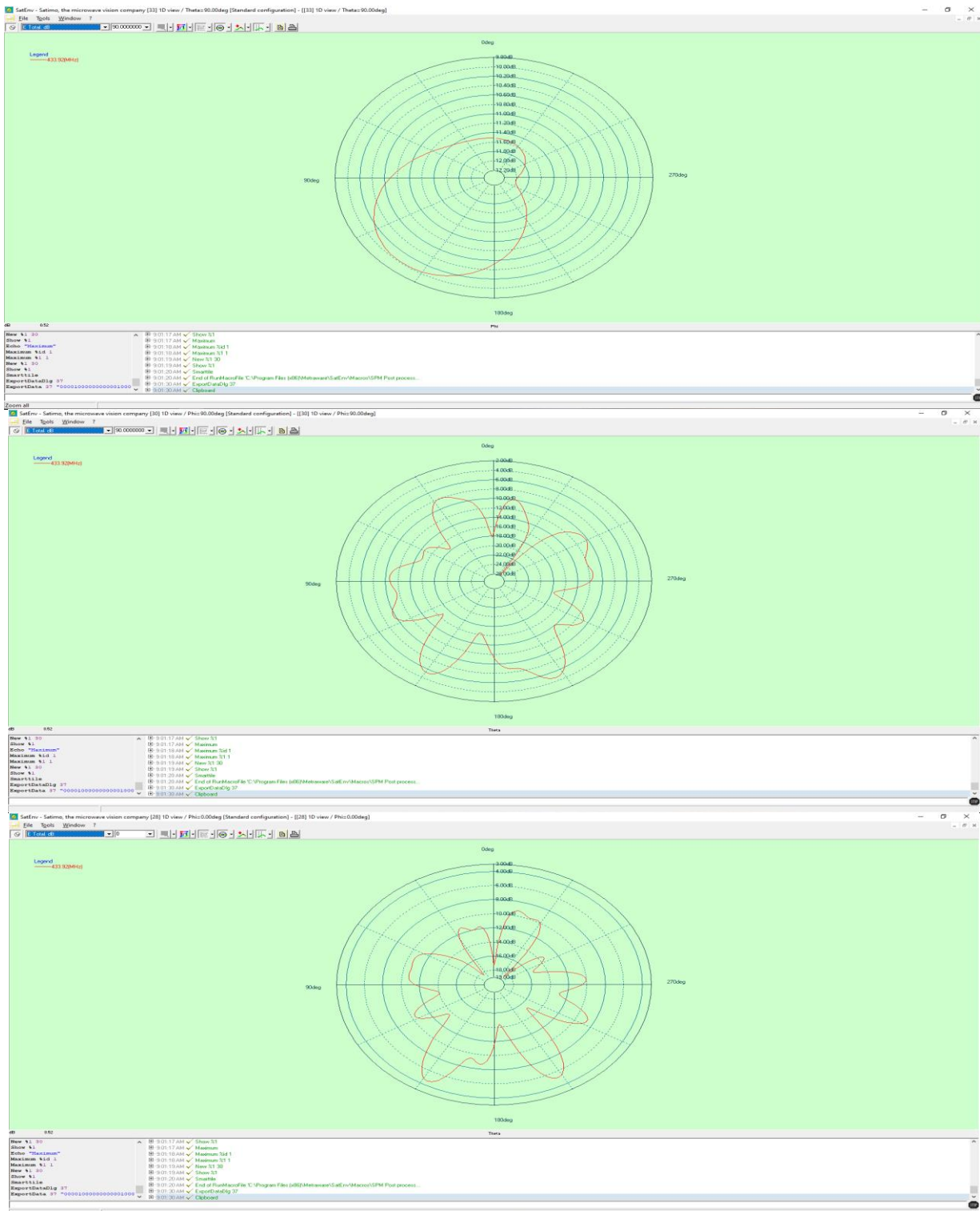
## 2.3 DUT Antenna



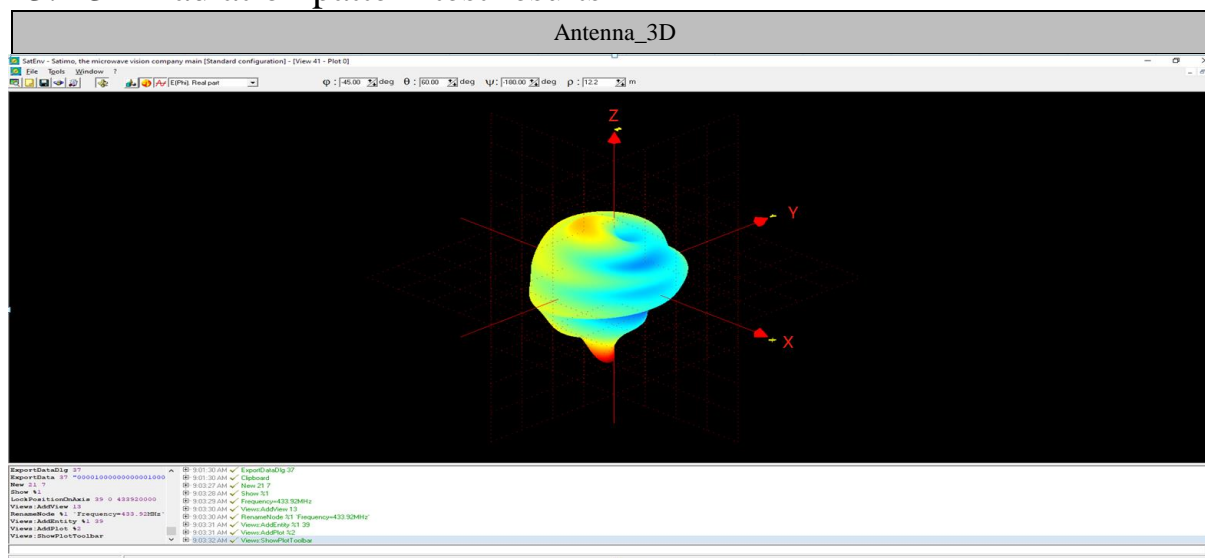
## 3.2D-3D Radiation pattern

### 3.1 2D Radiation pattern test results

Antenna\_2D



## 3.2 3D Radiation pattern test results





## 4. Peak Gain

### 4.1 Test results

Antenna_Peak Gain	
Frequency (MHz)	Peak_Gain . dBi
433.92	-4.55319

**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)