Shenzhen Hetuo Technology Co., LTD Room 1808, Building B, Zhongfang Jingyuan Building, News Road, Zijin Community, Lianhua Sub-d, Futian District, Shenzhen City

# Sample Acknowledgment

Sample Approved Sheet

## Acknowledgment of contract (OW02)

Customer name: Dongguan Liesheng Electronic Co., Ltd.

**Customer model: OW02** 

Brand Co-tuo produced: HT-OW02-L-V3

#### Hetao Judging and reviewing team

work out	examine and	ratify	Time of completion of		
	verify		the letter of		
			acknowledgment		
Zhong	Wu	Dai Tingting	2024.09.12		
Xiaoming	Shouping				

Liesheng (customer) determines the audit team

Number of the letter of acknowledgment Date of provision of the letter of

## acknowledgment

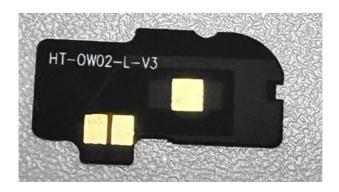
admit	examine and verify	ratify	Date of recognition			
Review items:   3 copies of letter of recognition   specification/drawing   test report   sample PCS   safety code   HSF						
Evaluation result:   Accept  Conditional acceptance  Reject						

## Confidential Information

Item	date	order of the edition	revision note	remarks
1	2024.09.12	A0	initial issue	
2				

## 1. Antenna picture

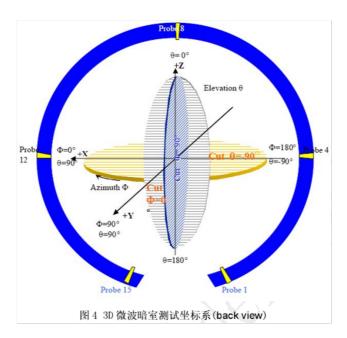
The report mainly provides the test status of the electrical properties parameters of HT-OW02-L-V3 The HT-OW02-L-V3 antenna is a BT Band. The antenna Picture and assembly are shown below.



FPC Antenna picture & assembly picture

## 2.Antenna Test Equipment Introduction

Test of antenna input characteristics using A gilent E 5071 C and Agilent 5062A vector network analyzer; The radiation pattern of the antenna are tested using the S atimo starlab 3 D near field Anechoic Chamber , and the instrument is used to agilent 8960 E 5515 and A gilent E 4438 C. The test coordinates of the darkroom are as follows:



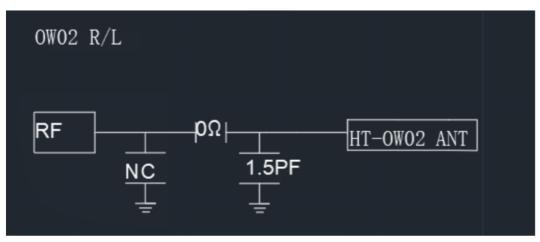
## 3. Electrical Specification

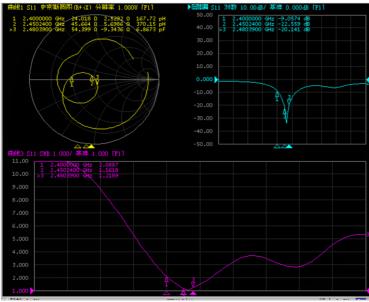
## 3-2 Passive S11 parameter

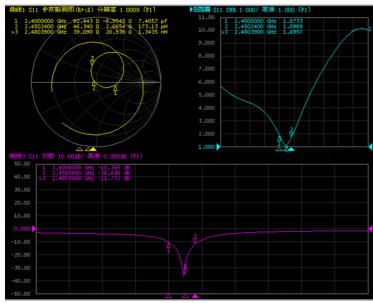
Measuring Method is a  $50\Omega$  coaxial cable is connected to the antenna. Then this cable i

s connected to a network analyzer to measure the S11 parameter, Keeping this fixture away from metal at least 20cm.

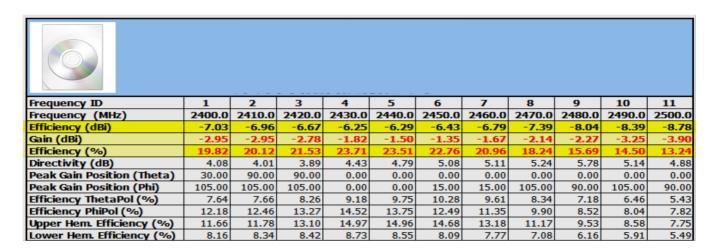
#### **VSWR**

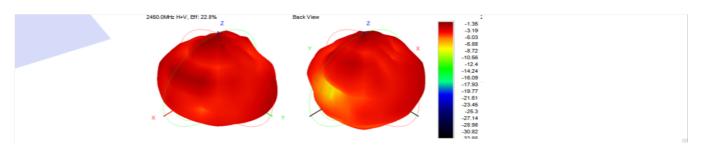






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Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
		0	-2.25	-84.02
ВТ		39	-1.76	-84.61
		78	-0.46	-83.74

OTA DATA L (BH)

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
		0	-2.98	-82.20
ВТ		39	-2.54	-82.46
		78	<del>-1.36</del>	-81.31

## 4. Mechanical Specification:

Mechanical Configuration (Unit: mm)

The appearance of the antenna is according to drawing Figure 10

## Confidential Information

