

## Antenna Sample Datasheet

customer:	Dongguan yuanfenglun Technology Co., LTD
entry name:	JT1005-L
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A12
Date:	2024.7.6

# Contents

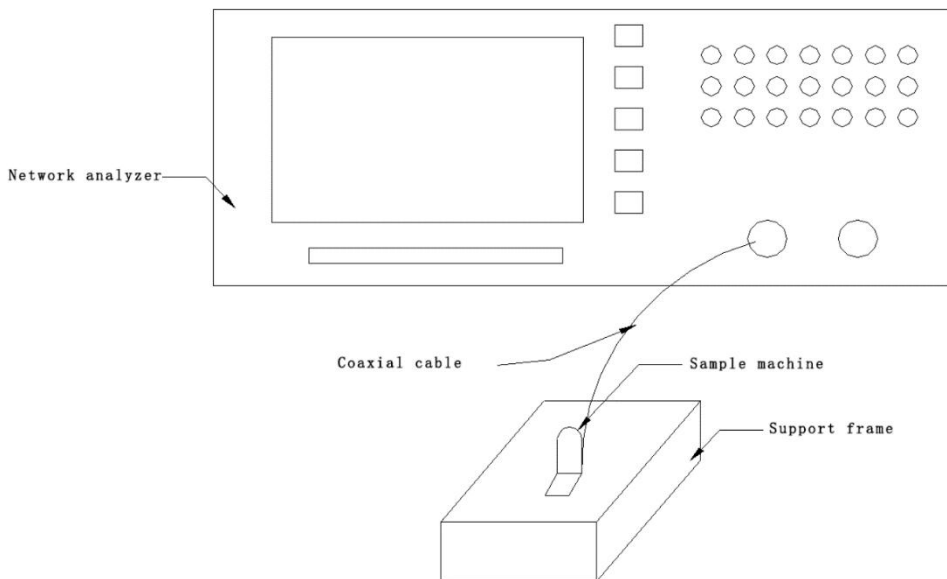
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## 1: Antenna test equipment

List of meters: Agilent 5071B;

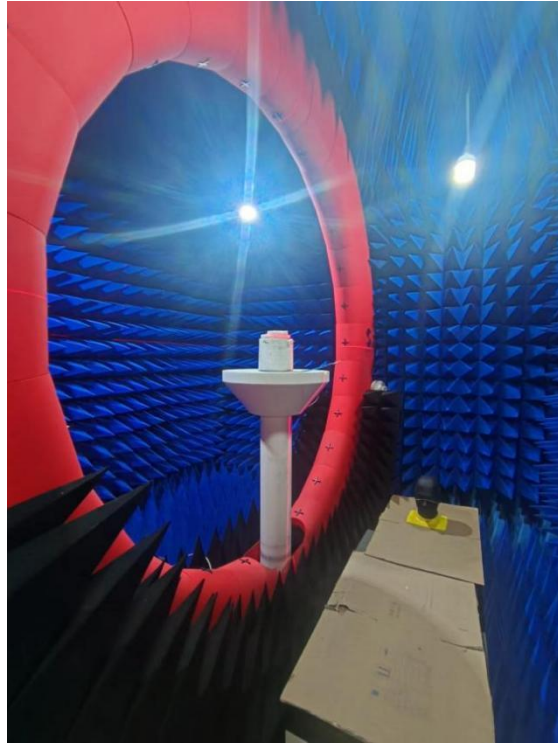


### 1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

## 1.2 Pictures of the ETS anechoic chamber



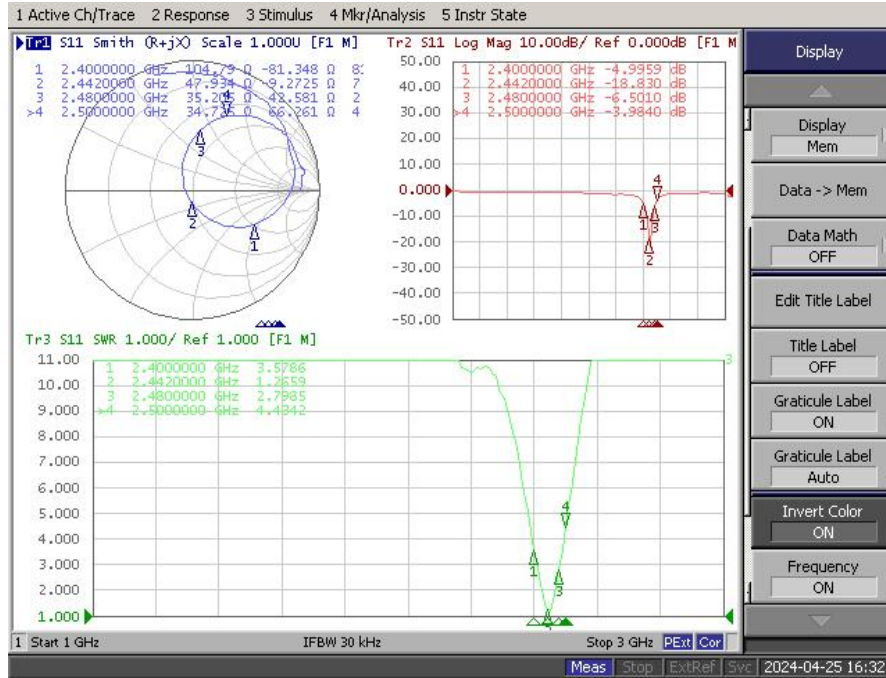
Inside the ETS anechoic chamber



Test Machine

## 2: Passive test report

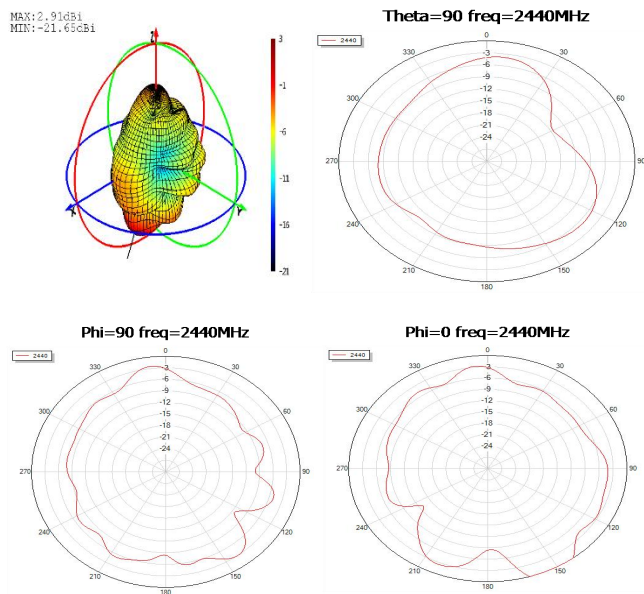
### 2.1: BT antenna S11 parameters



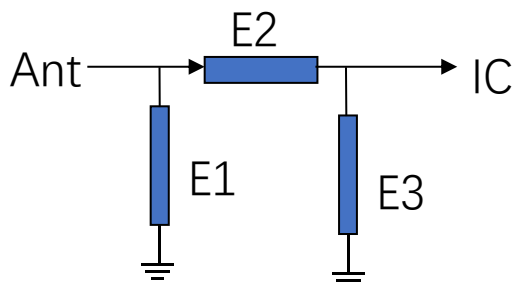
### 2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	1.17	11.87
2410	1.51	13.06
2420	1.97	14.84
2430	2.62	16.93
2440	2.91	18.09
2450	3.03	19.15
2460	2.7	18.28
2470	2.24	16.13
2480	1.1	13.63

### 2.3: Passive pattern of BT antenna

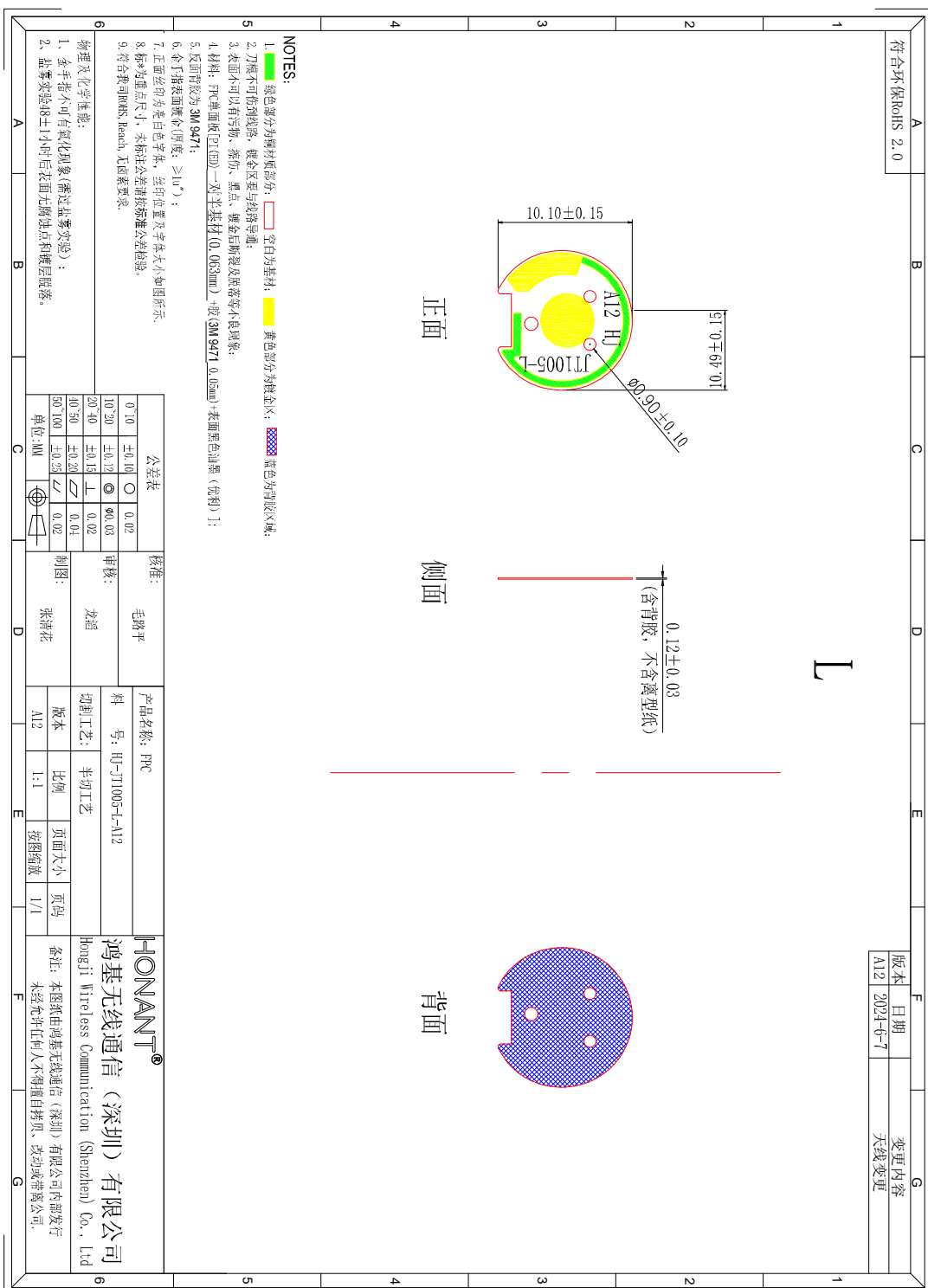


### 3: Matching circuit



Element	Value
E1	N/A
E2	0R
E3	N/A

## 4: Structural drawing



**5: Antenna diagram**

