

1308, Block A, Zhantao Technology Building, Intersection of Minzhi Avenue and Industrial East Road, Xinniu Community, Minzhi Street, Longhua District, Shenzhen

## Antenna Sample Datasheet

entry name:	23BF09
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	PCB
Date:	2023. 12. 21

## Contents

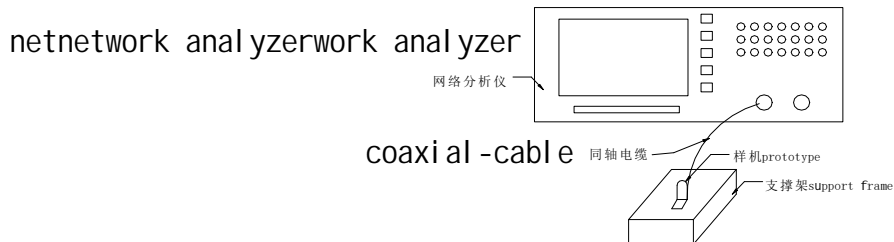
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## 1: Antenna test equipment

List of meters: Agilent 5071B;

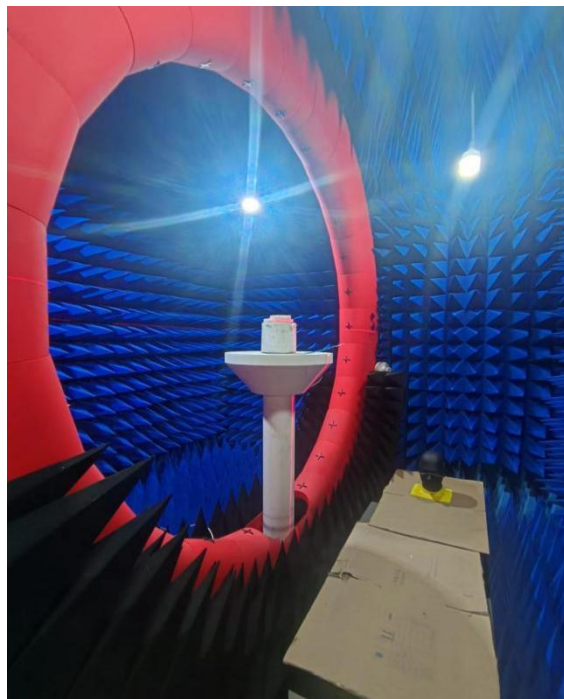


### 1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

## 1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber

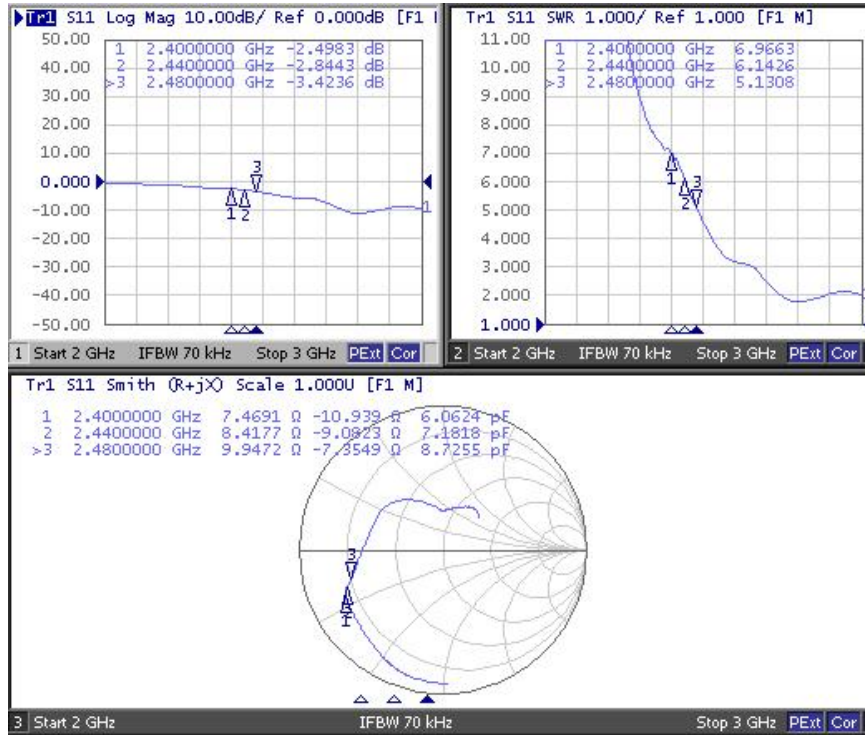


Test Machine



## 2: Passive test report

### 2.1: BT antenna S11 parameters

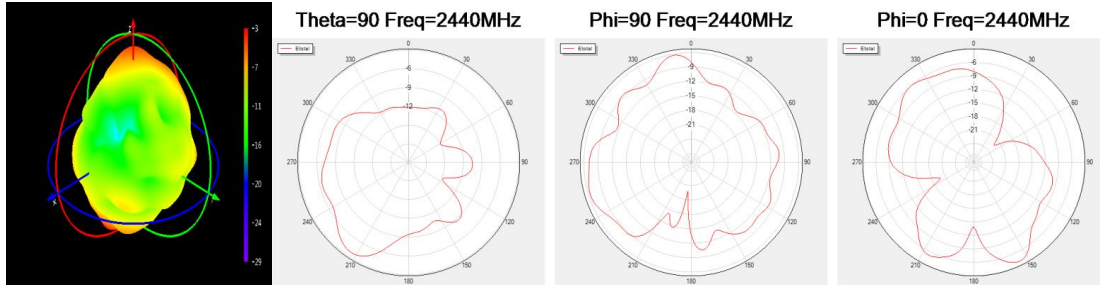


### 2.2: Passive efficiency of antenna

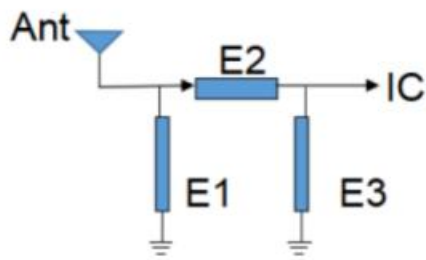
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-4.6	10.46
2410	-4.35	11.11
2420	-4.09	11.6
2430	-3.88	11.87
2440	-3.65	12.05
2450	-3.51	12.25
2460	-3.56	12.5
2470	-3.66	13.01
2480	-3.73	13.7
Mean value	-3.89	12.06



### 2.3: Passive pattern of BT antenna



### 3: Matching circuit



Element	Value
E1	N/C
E2	0Ω
E3	N/C

天线尺寸规格 Antenna size

