

Antenna Sample Datasheet

customer:	Dongguan Hela Electronics Co., Ltd.
entry name:	H2S
Material category:	BT antenna
Antenna Type	PCB
Antenna Material	onboard antenna
edition:	A0
Date:	2026. 6. 12

Antenna manufacturer: Hongji Wireless Communication (Shenzhen) Co., LTD

<http://www.honant.com.cn>

Address: 12 / F, West Block B, Building 8, Huaqiang Creative Industry Park,
Sightseeing Road, Guangming District, Shenzhen

Contents

1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Structural drawing.....	5

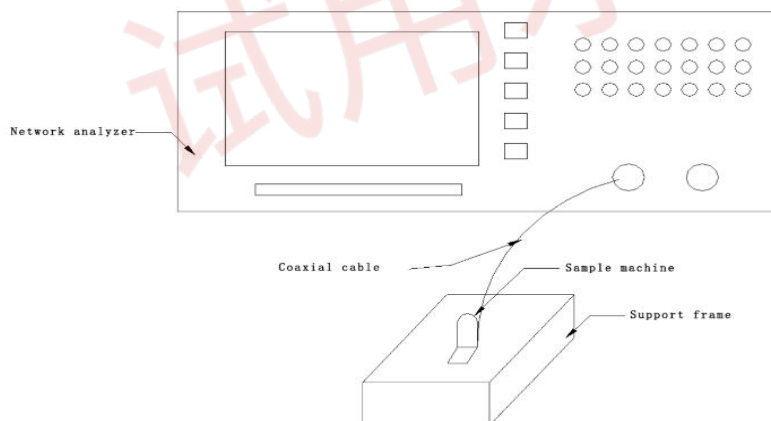
试用水印

1: Antenna test equipment

List of meters: Agilent 5071B;

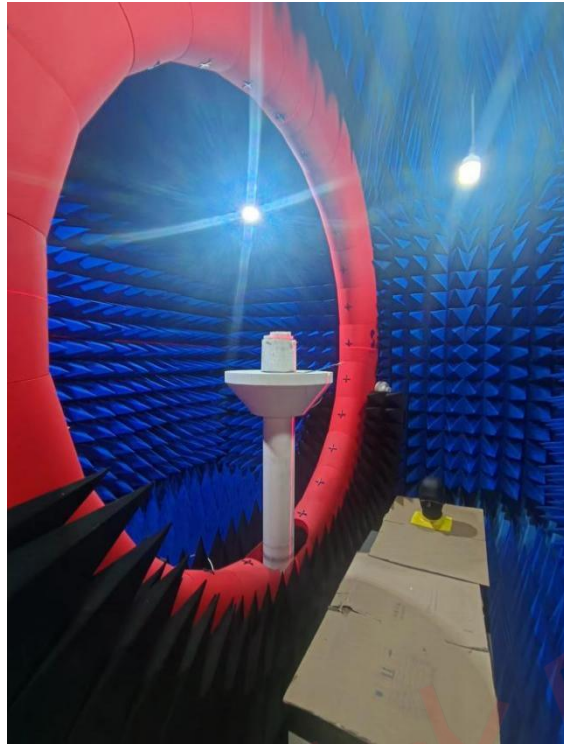


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



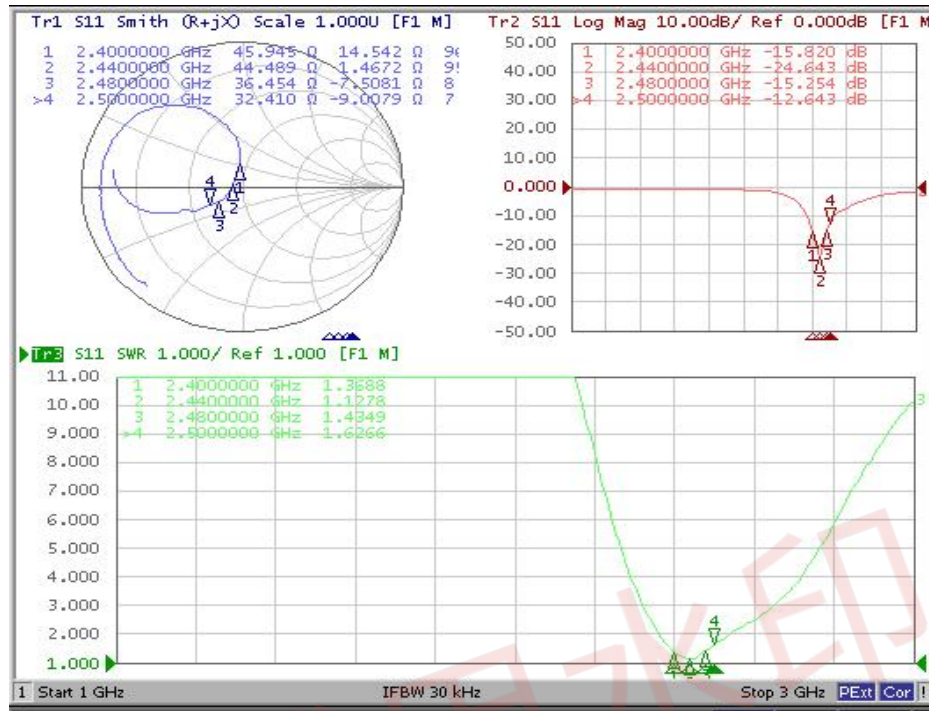
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

2.1: antenna S11 parameters

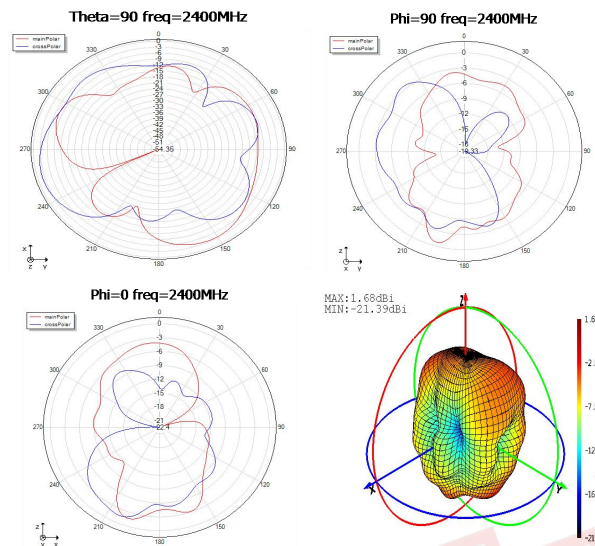


2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	0.07	31.93
2410	0.20	33.32
2420	0.24	33.57
2430	0.23	31.68
2440	0.21	31.09
2450	0.53	30.73
2460	0.90	31.91
2470	0.77	31.65
2480	0.25	30.15

2.3: Passive pattern of BT antenna

2400MHz



3: Antenna diagram

