

Antenna Sample Datasheet

customer:	Dongguan Hele Electronics Co., Ltd
entry name:	HT20-L
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	Onboard
edition:	A0
Date:	2025. 9. 5

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

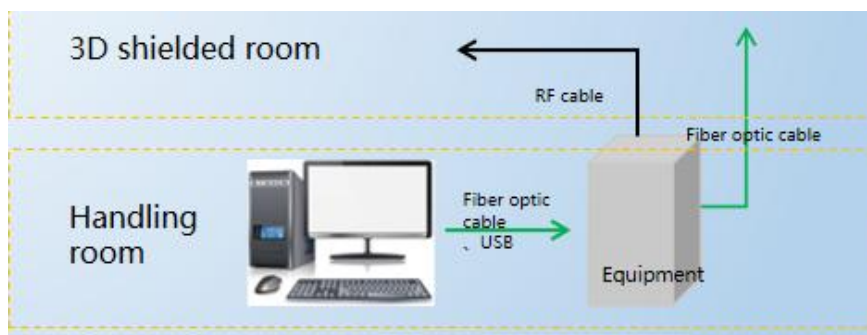
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Structural drawing.....	4

1: Antenna test equipment

List of meters: Agilent 5071B;

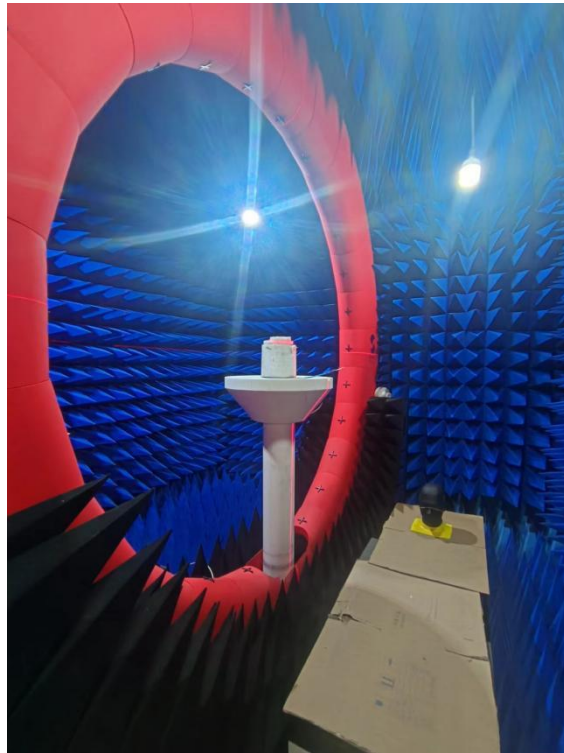


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



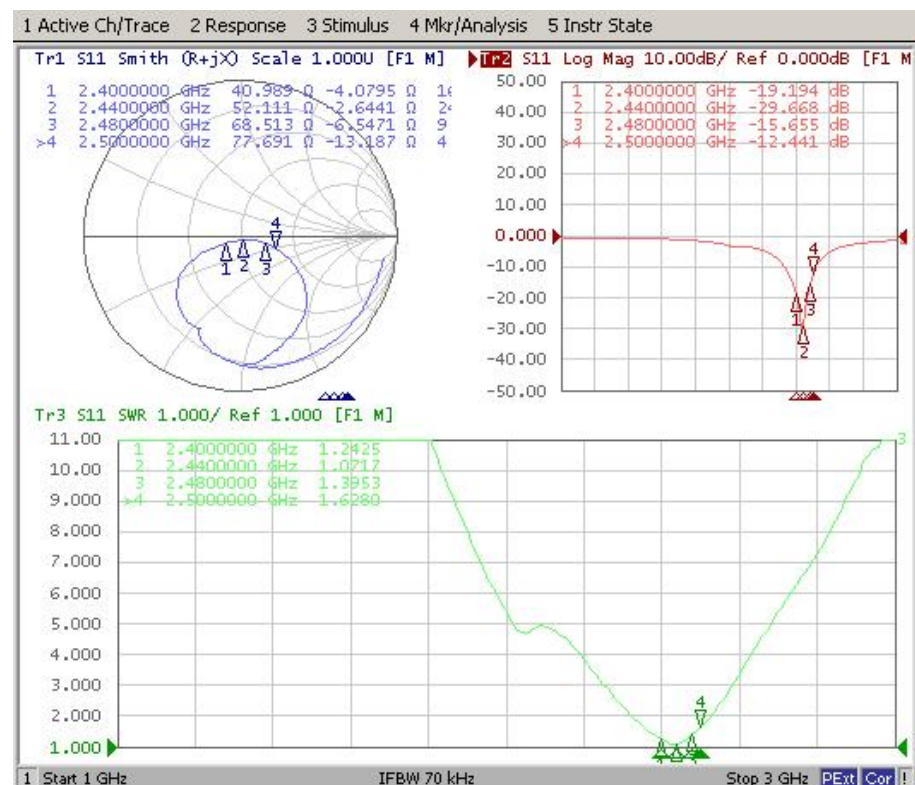
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

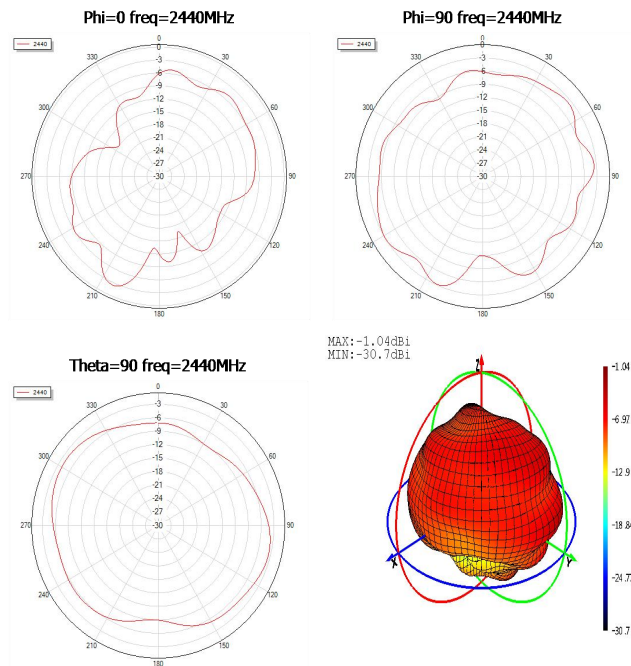
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-1.33	23.44
2410	-1.29	22.83
2420	-1.26	22.49
2430	-1.21	23.25
2440	-1.04	24.23
2450	-1.24	22.84
2460	-1.35	20.88
2470	-1.43	19.49
2480	-2.06	18.38

2.3: Passive pattern of BT antenna



3: Structural drawing

