

Antenna Sample Datasheet

customer:	Dongguan Hele Electronics Co., Ltd
entry name:	HT20-R
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

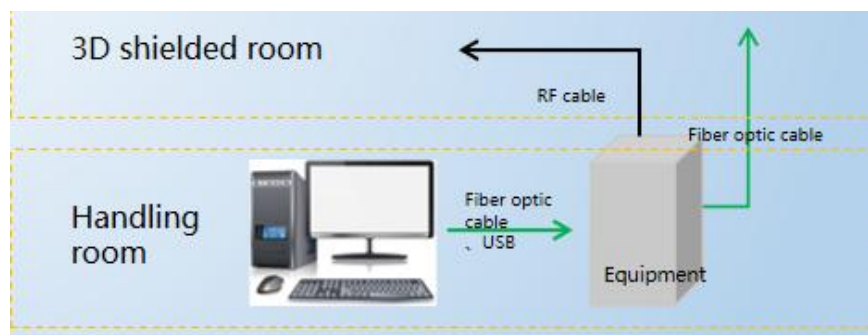
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Structural drawing.....	4

1: Antenna test equipment

List of meters: Agilent 5071B;

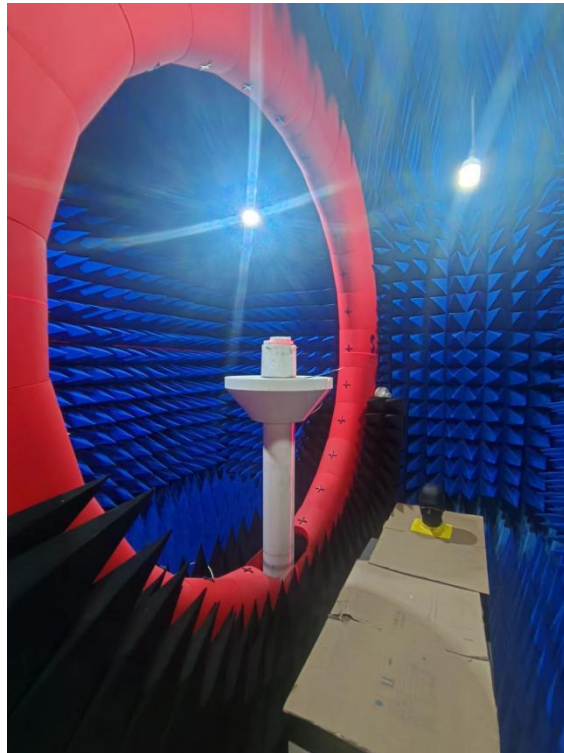


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



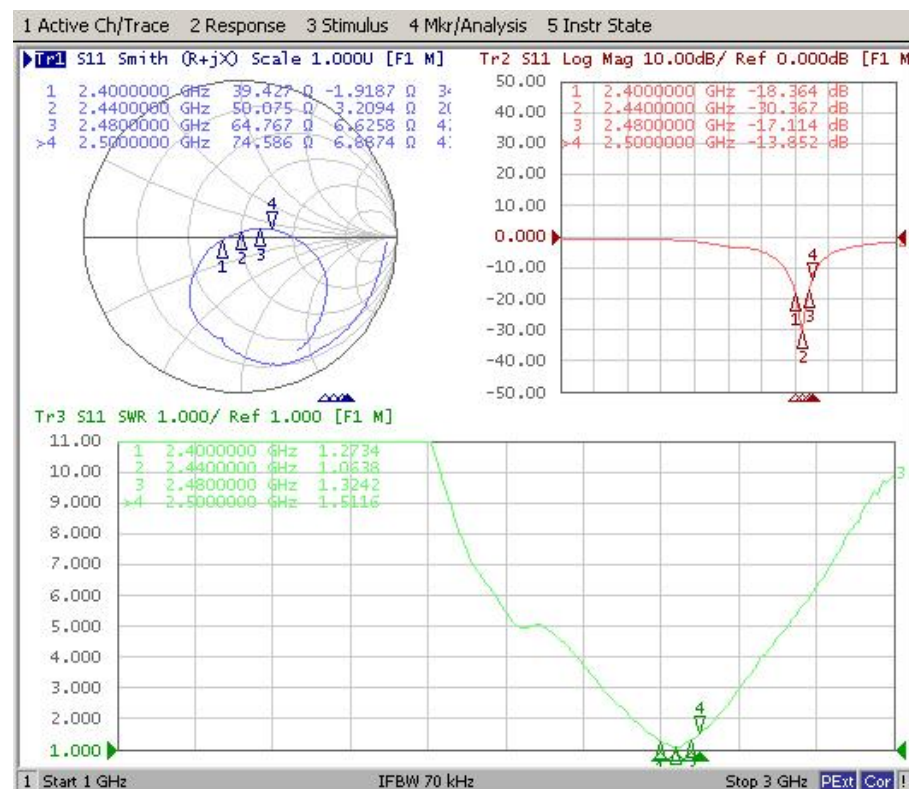
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

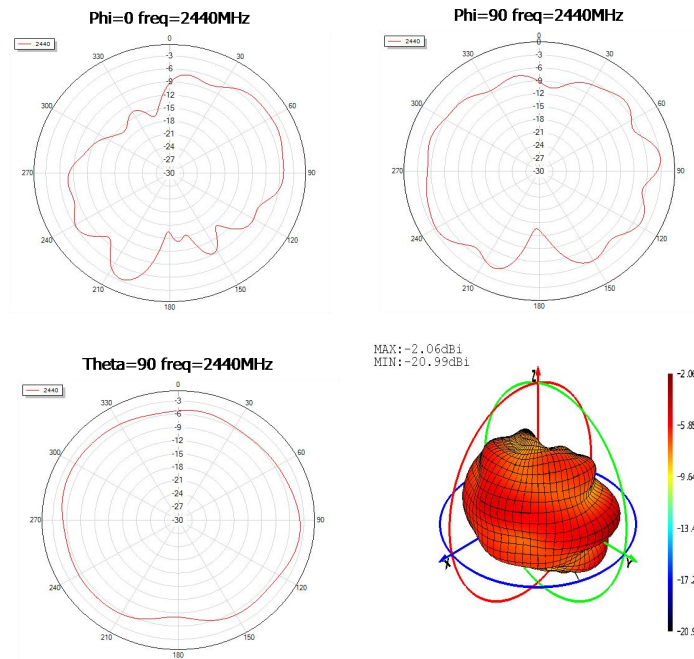
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-2.37	23
2410	-2.43	21.99
2420	-2.6	22.22
2430	-2.21	23.57
2440	-2.06	24.91
2450	-2.42	23.45
2460	-2.66	21.32
2470	-2.78	19.83
2480	-2.85	18.73

2.3: Passive pattern of BT antenna



3: Structural drawing

