

Antenna Sample Datasheet

customer:	Dongguan EDIFIER Technology Co., LTD
entry name:	WH950NB
Material category:	BT antenna
Antenna Type	FPC
Antenna Material	FPCB+line
edition:	A0
Date:	2025. 03. 10

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

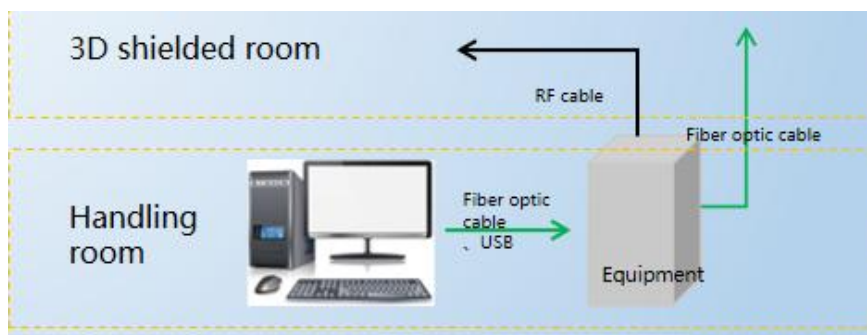
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Structural drawing.....	5

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



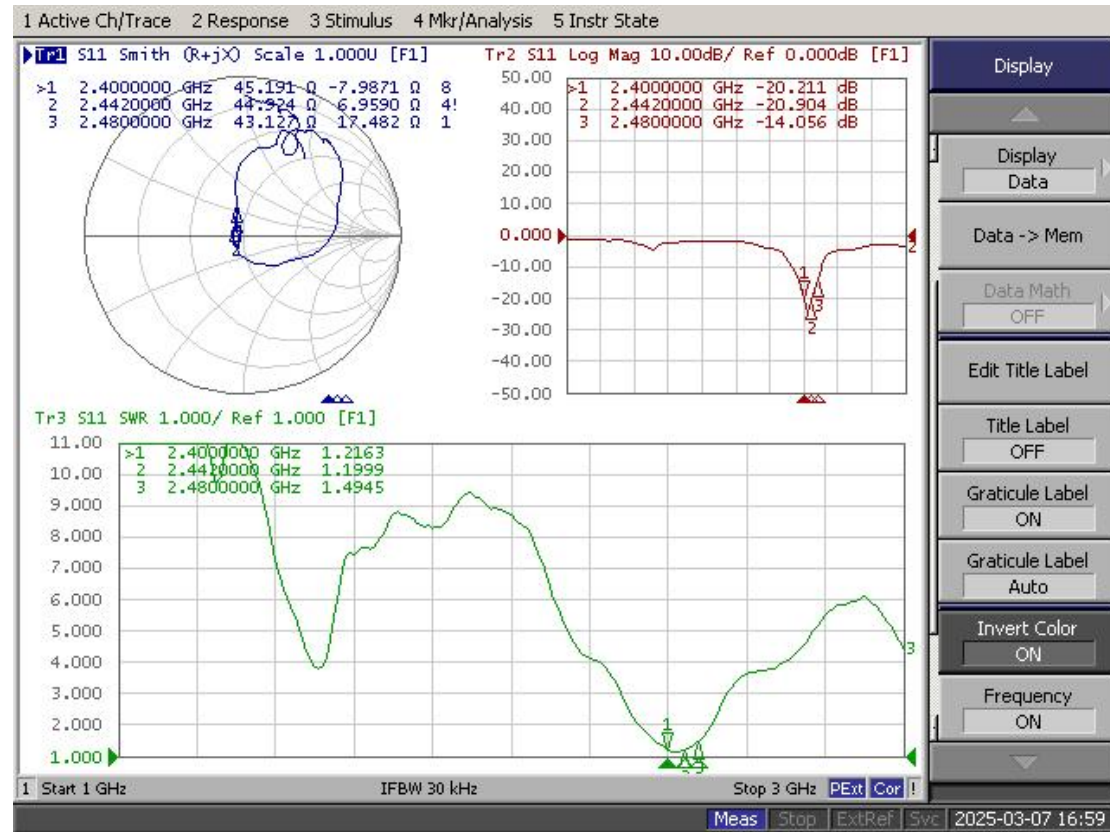
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

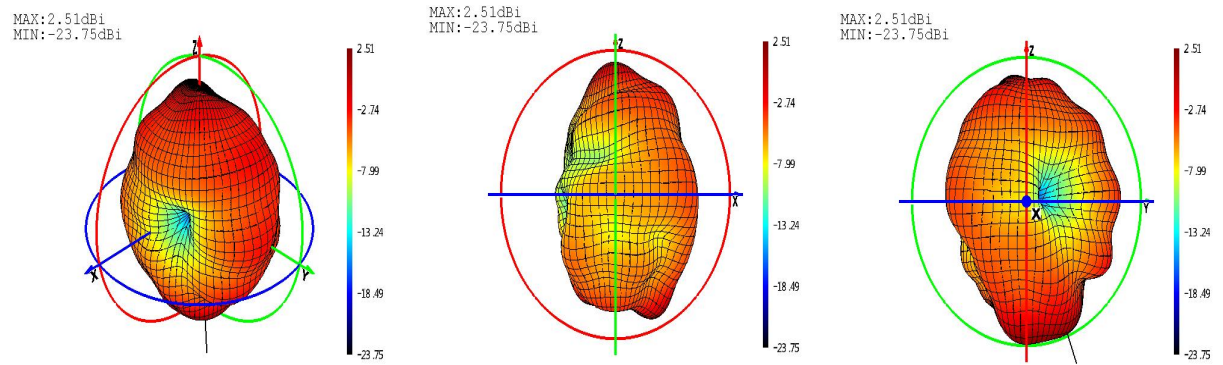
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	2.51	54.13
2410	2.40	52.17
2420	2.37	52.00
2430	2.33	51.51
2440	2.17	49.66
2450	2.18	49.88
2460	2.05	48.04
2470	2.30	51.26
2480	2.51	54.64

2.3: Passive pattern of BT antenna



3: Structural drawing

