

Antenna Sample Datasheet

customer:	Dongguan EDIFIER Technology Co., LTD
entry name:	WH950NB Pro
Material category:	BT antenna
Antenna Type	PCB
Antenna Material	PCBA
edition:	A0
Date:	2026. 07. 11

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

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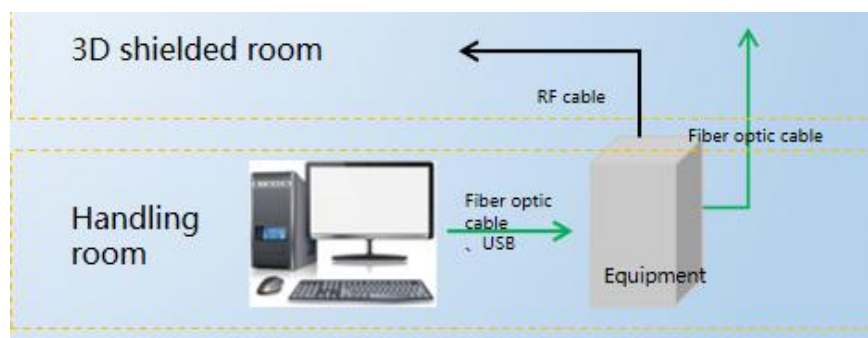
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1: Antenna test equipment

List of meters: Agilent 5071B;

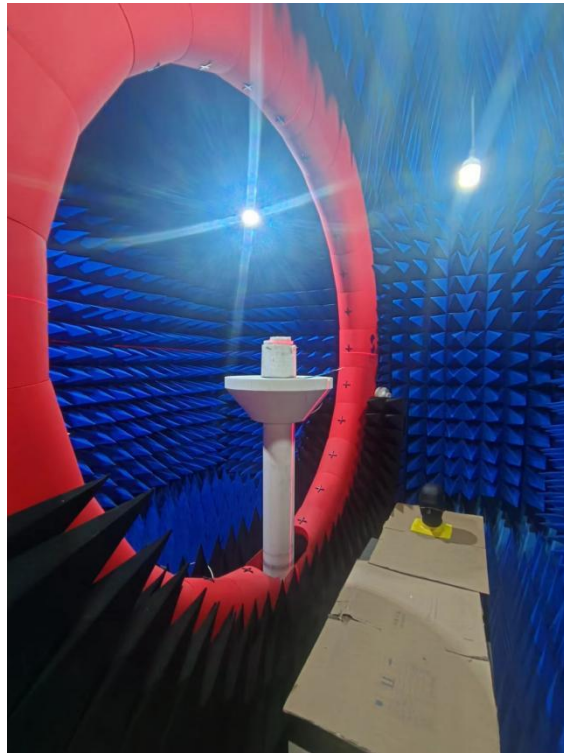


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



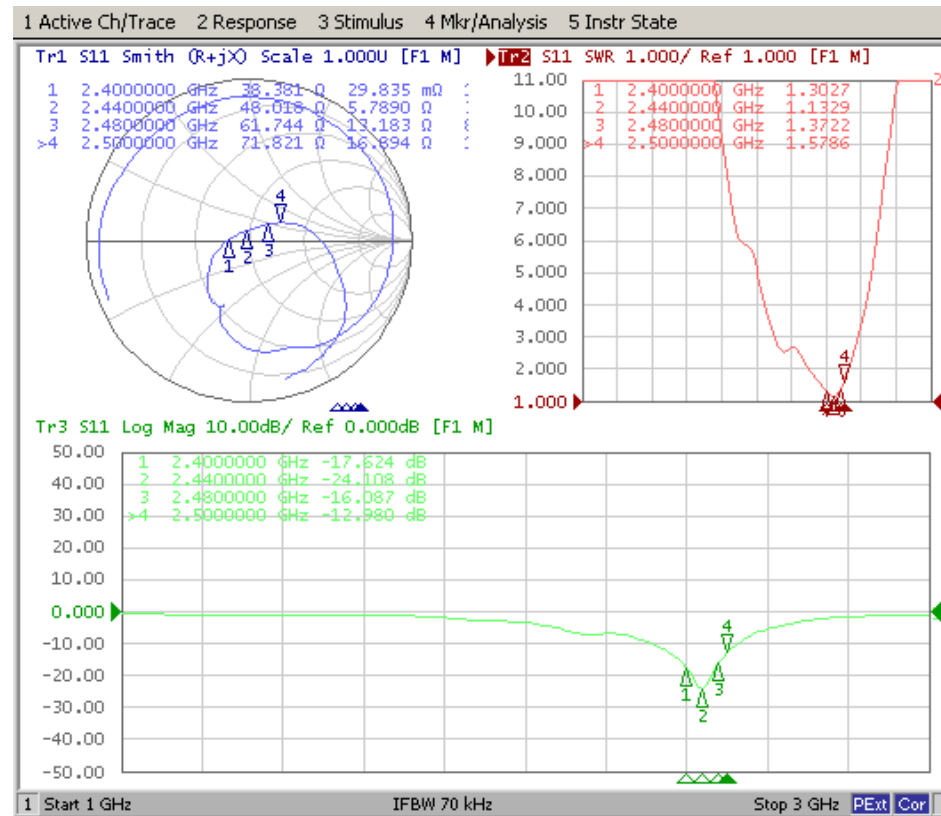
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

2.1: BT antenna S11 parameters

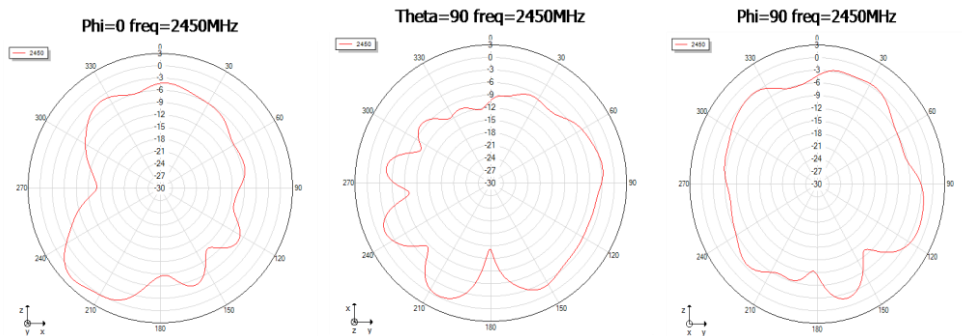
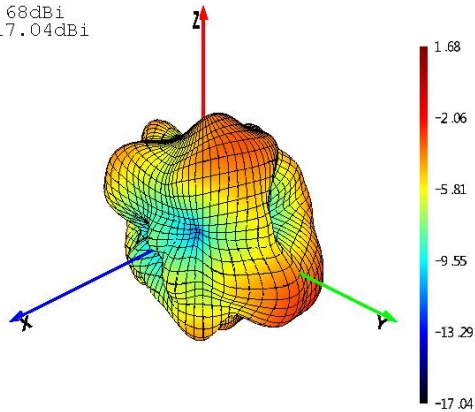


2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	0.76	39.79
2410	1.13	40.26
2420	1.44	39.09
2430	1.51	40.03
2440	1.60	41.06
2450	1.68	40.22
2460	1.60	40.61
2470	1.60	41.66
2480	1.33	39.69

2.3: Passive pattern of BT antenna

MAX: 1.68dBi
MIN: -17.04dBi



3: Structural drawing

