

Antenna Sample Datasheet

customer:	Dong guan shiyoute electroacoustic Co., LTD
entry name:	40155
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	onboard antenna
edition:	A0
Date:	2025. 4. 21

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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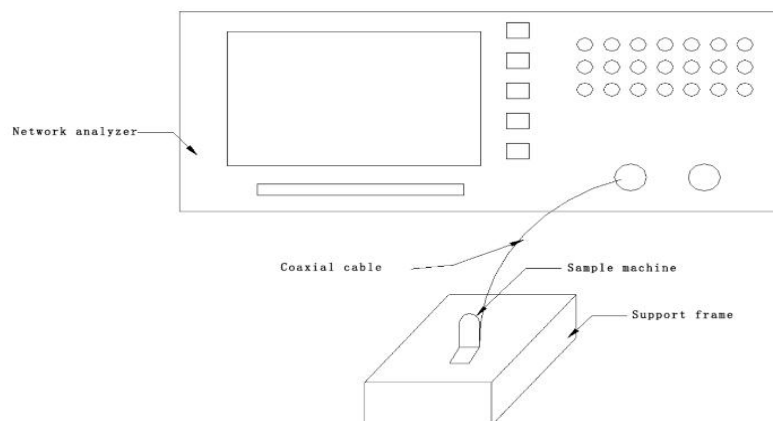
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1: Antenna test equipment

List of meters: Agilent 5071B;

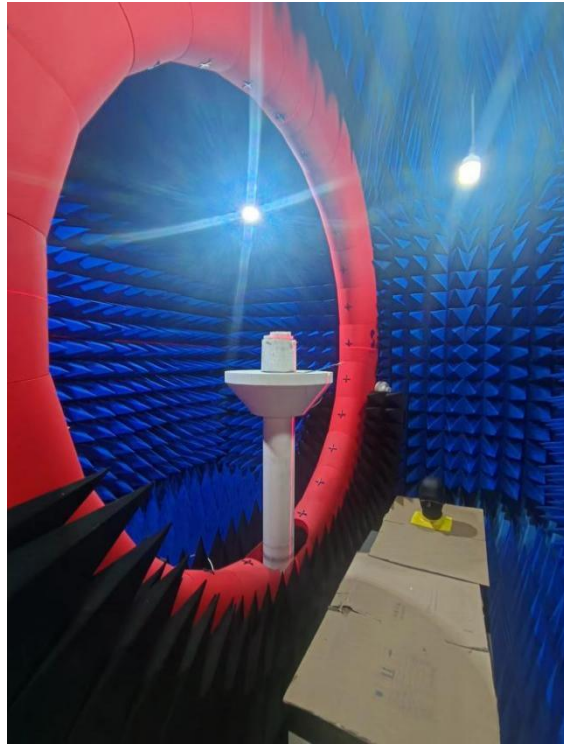


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



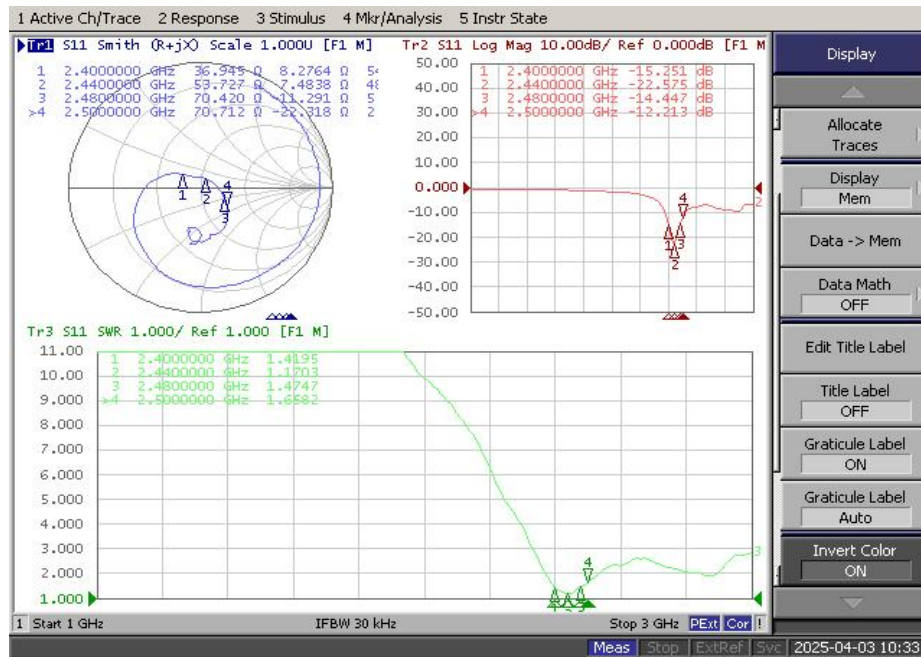
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

2.1: antenna S11 parameters

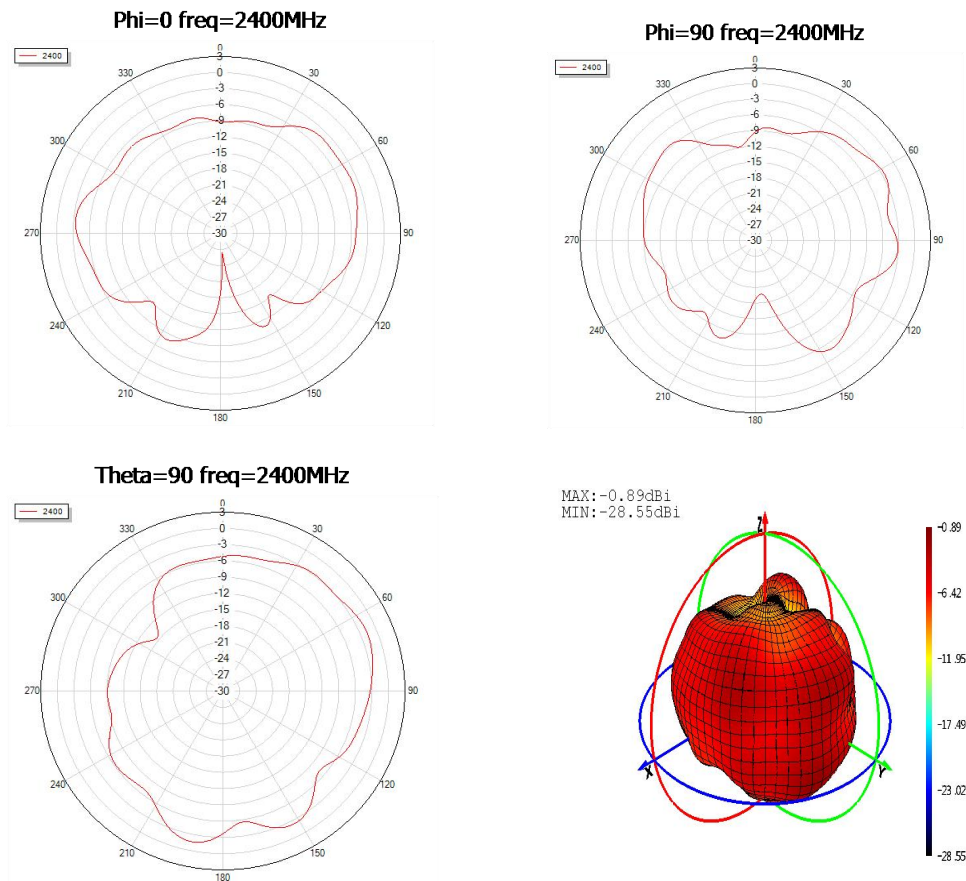


2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-0.89	31.64
2410	-0.78	30.87
2420	-0.84	29.59
2430	-0.6	29.36
2440	-0.57	28.01
2450	-0.45	27
2460	-0.42	25.91
2470	-0.09	26.78
2480	0.04	27.45

2.3: Passive pattern of BT antenna

2400MHz



3: Antenna diagram

