

Antenna Sample Datasheet

customer:	Dong guan shiyoute electroacoustic Co., LTD
entry name:	3035
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	onboard antenna
edition:	A0
Date:	2025. 5. 7

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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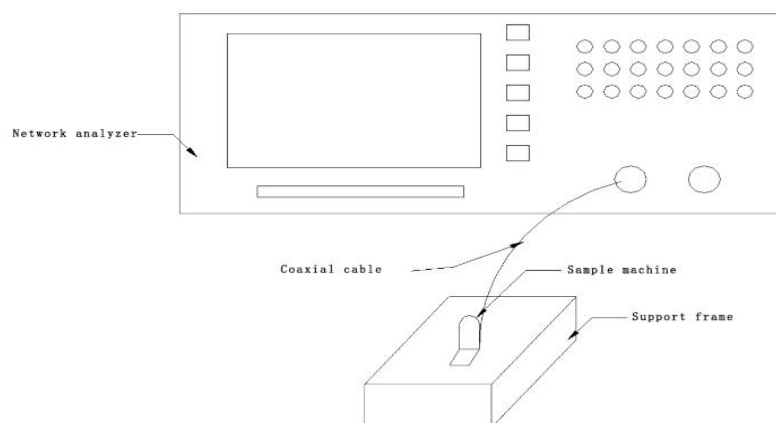
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1: Antenna test equipment

List of meters: Agilent 5071B;

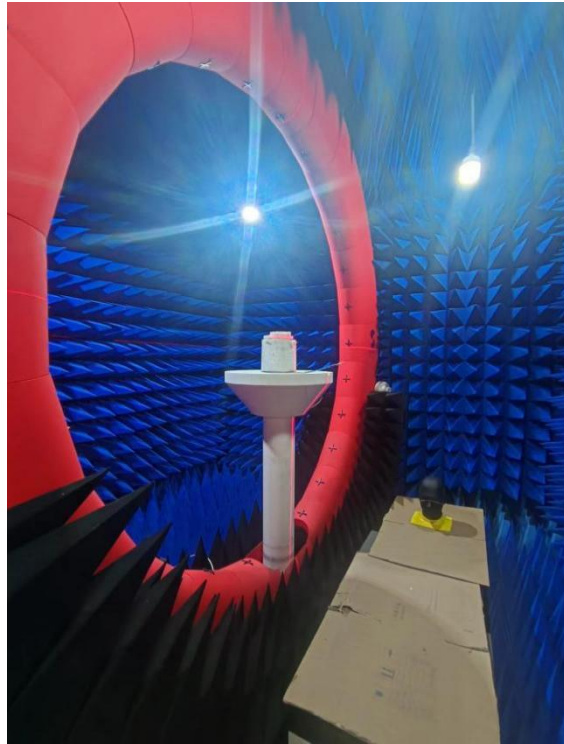


1.1 The principle diagram of the ETS anechoic chamber



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

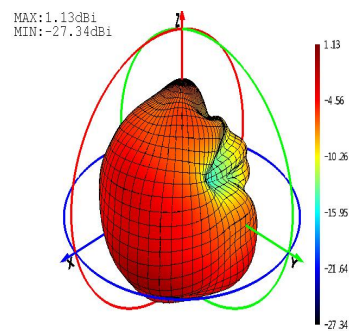
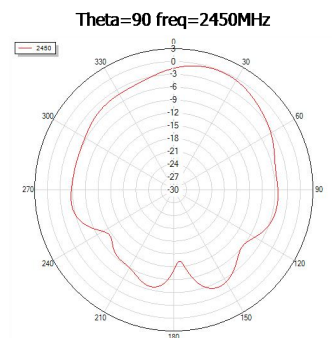
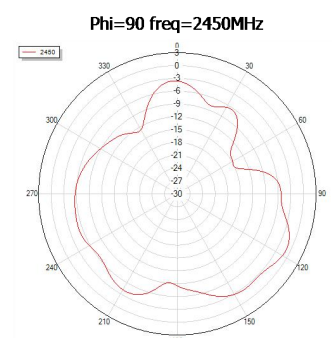
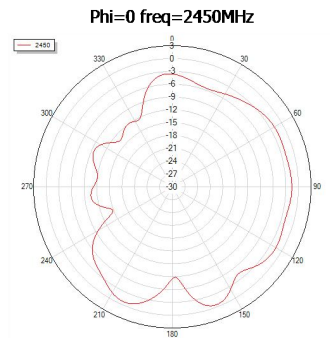


2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	1.36	45.8
2410	1.11	43.67
2420	1.18	42.45
2430	1.31	42.34
2440	1.09	39.85
2450	1.13	38.38
2460	0.95	36.57
2470	1.27	38.79
2480	1.55	41.69

2.3: Passive pattern of BT antenna

2450MHz



3: Antenna diagram

