

Antenna Sample Datasheet

customer:	Dong guan shiyoute electroacoustic Co., LTD
entry name:	40145
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	onboard antenna
edition:	A0
Date:	2024. 7. 31

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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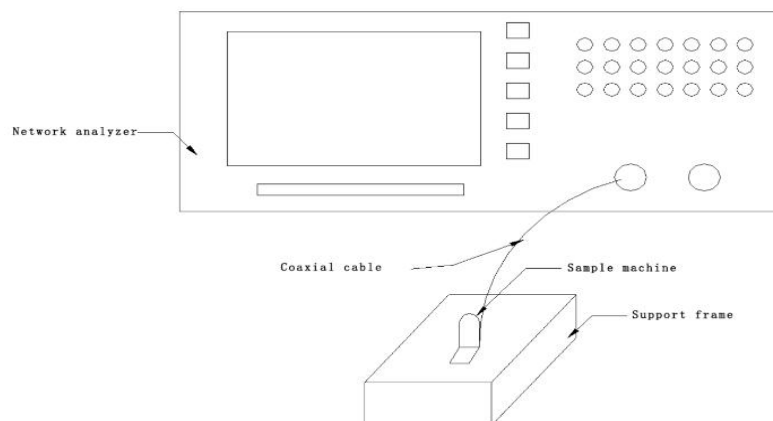
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1: Antenna test equipment

List of meters: Agilent 5071B;



1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

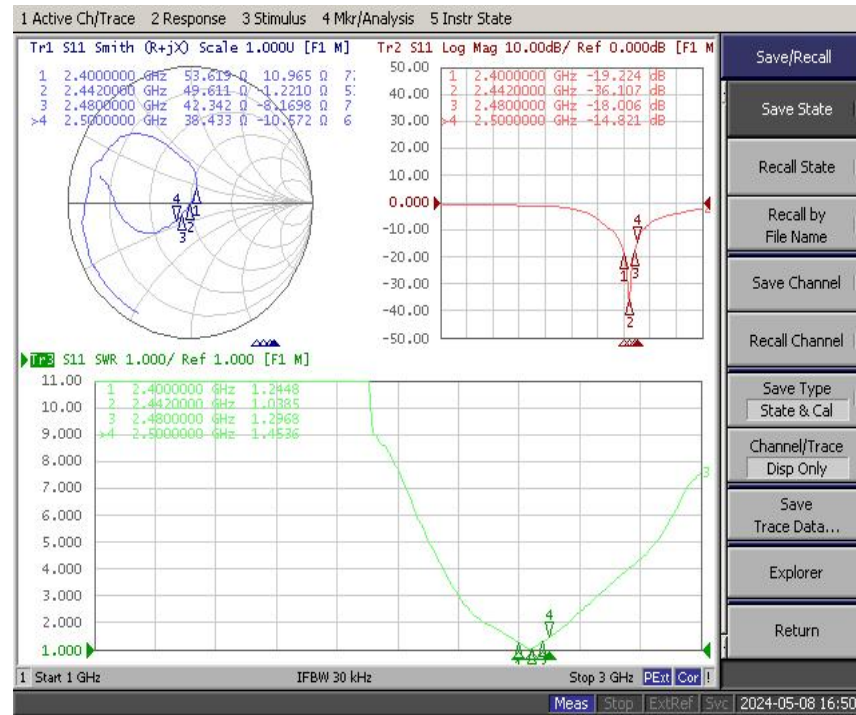
1.2 Pictures of the ETS anechoic chamber

Inside the ETS anechoic chamber

Test Machine

2: Passive test report

2.1: antenna S11 parameters

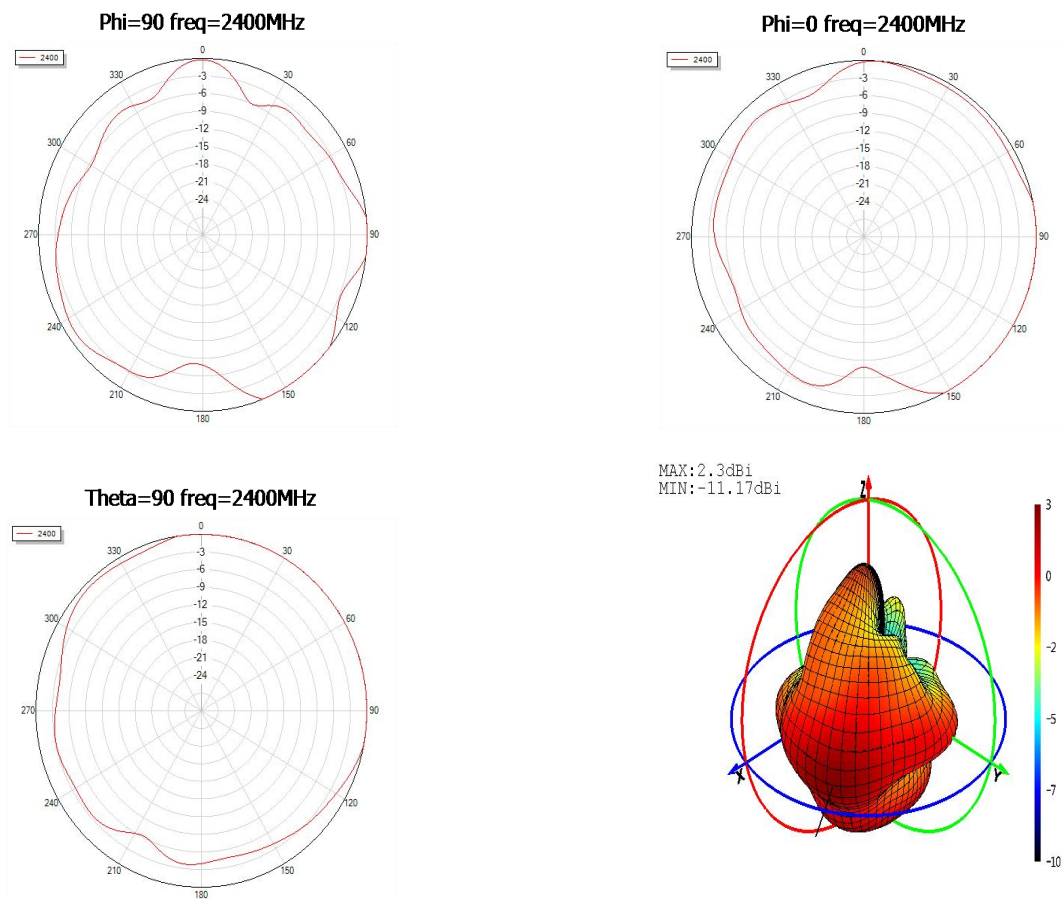


2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	2.3	51.03
2410	2.3	49.05
2420	2.39	48.68
2430	2.53	47.84
2440	2.43	45.6
2450	2.49	45.89
2460	2.48	46
2470	2.69	46.38
2480	2.62	48.03

2.3: Passive pattern of BT antenna

2400MHz



3: Antenna diagram