

Antenna Sample Datasheet

customer:	Dongguan Chuangxinwei Electronic Technology Co., Ltd
entry name:	JH4009
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A2
Date:	2025. 1. 4

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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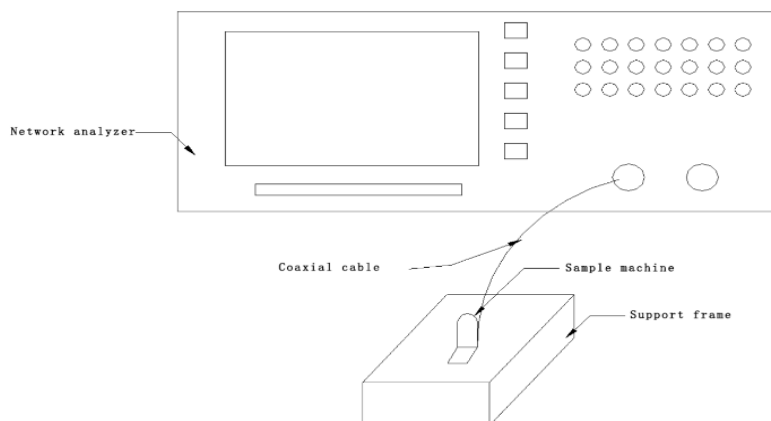
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1: Antenna test equipment

List of meters: Agilent 5071B;

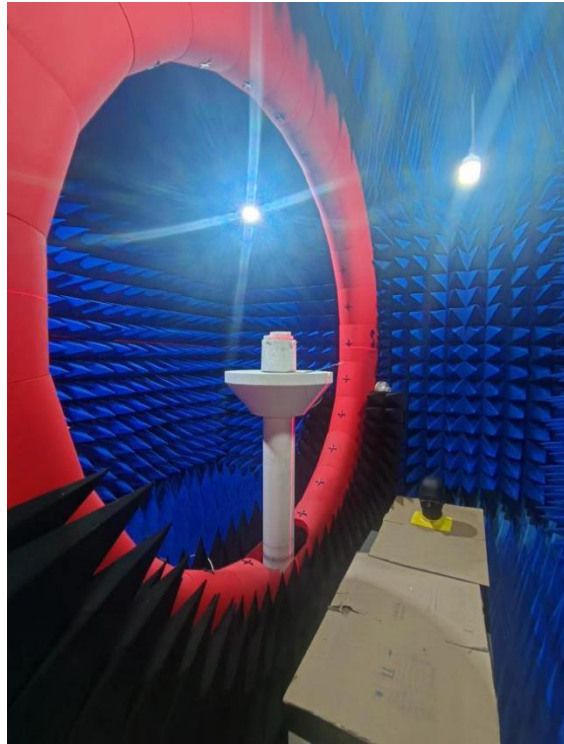


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



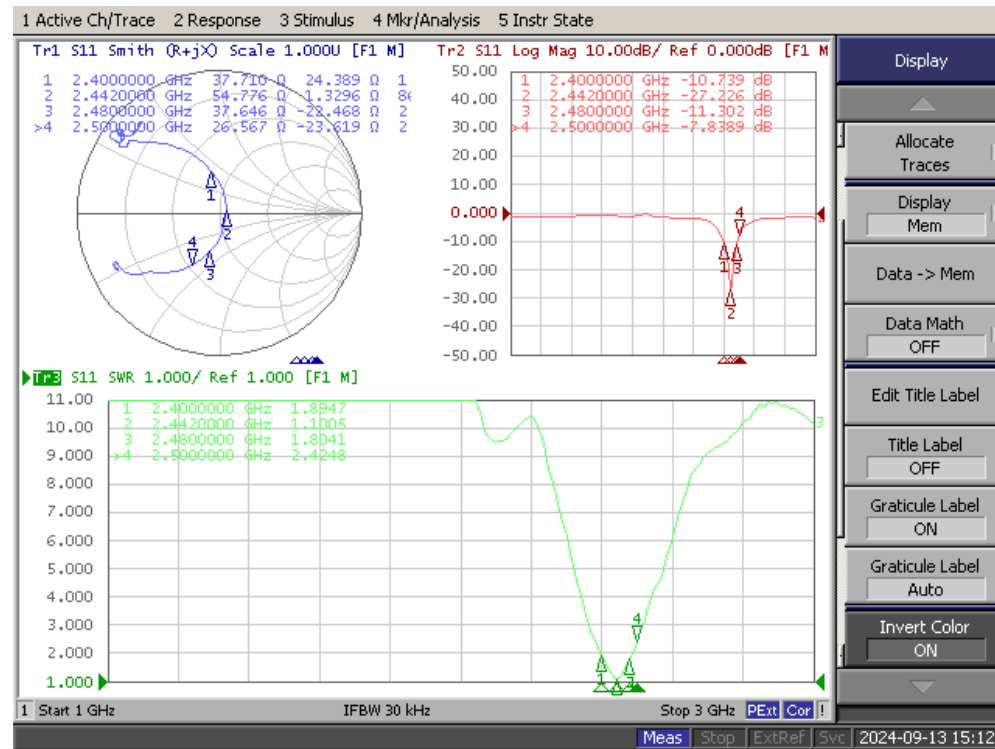
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

2.1: antenna S11 parameters

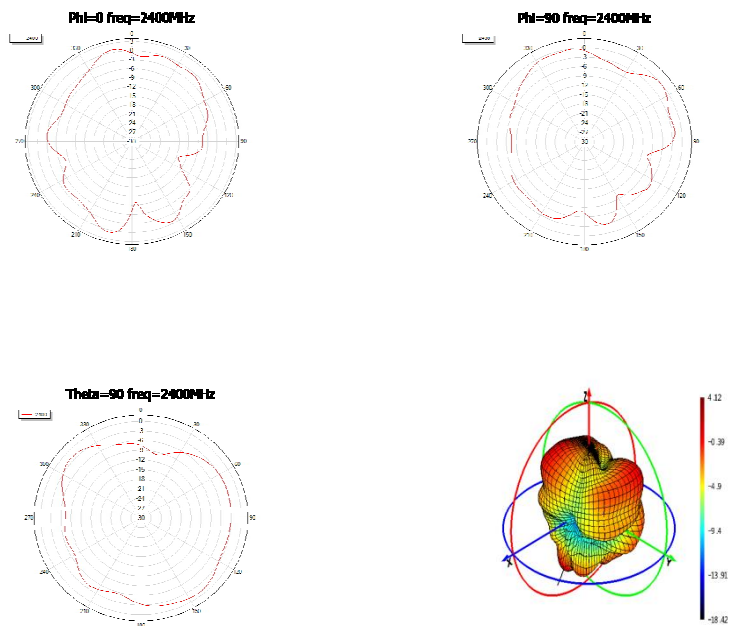


2.2: Passive efficiency of antenna

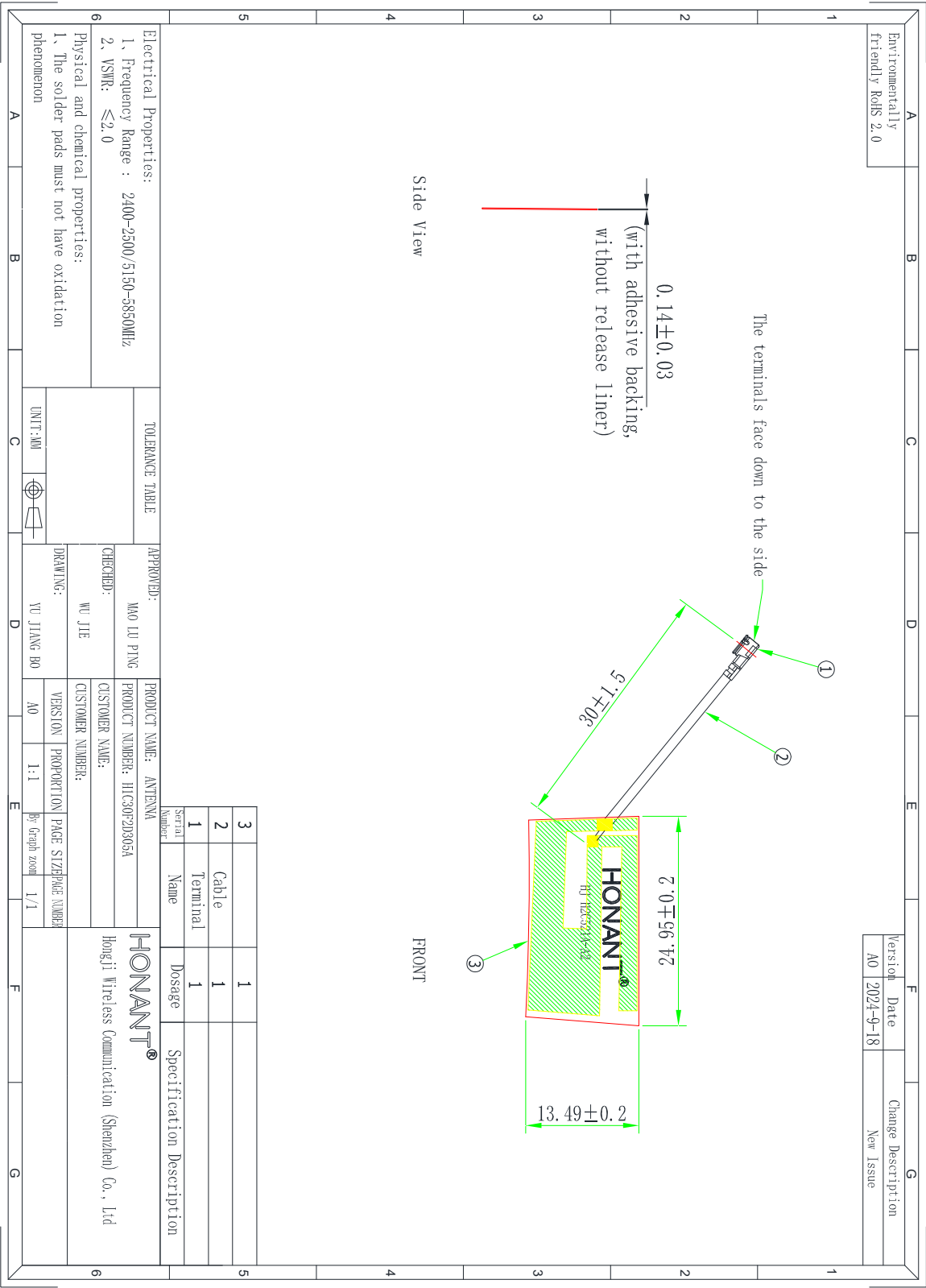
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	2.5	37.85
2410	2.93	38.76
2420	3.42	39.67
2430	3.78	40.24
2440	3.98	39.03
2450	4.12	39.68
2460	4.06	39.76
2470	4.07	39.51
2480	3.84	40.66

2.3: Passive pattern of BT antenna

2400MHz



3: Structural drawing



4: Antenna diagram

