

Antenna Sample Datasheet

customer:	Zhongshan Tianjian Acoustics Co., Ltd
entry name:	Fluo
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A0
Date:	2024. 8. 19

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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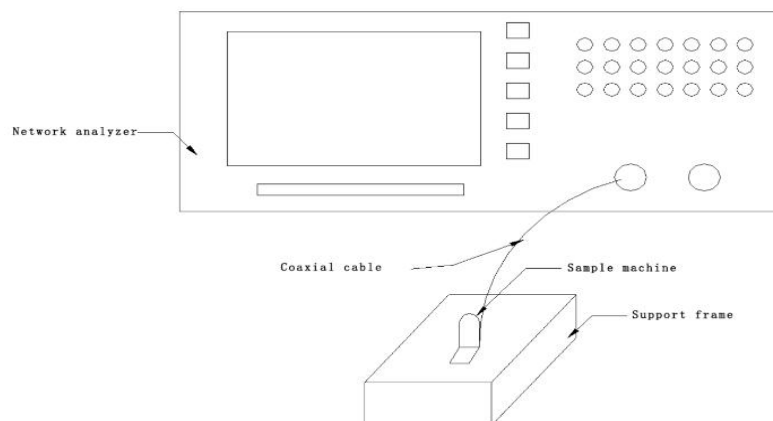
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1: Antenna test equipment

List of meters: Agilent 5071B;

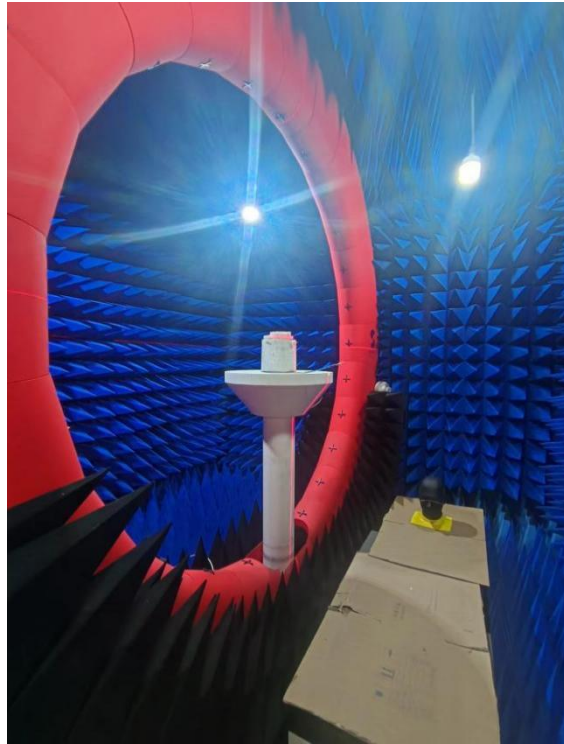


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



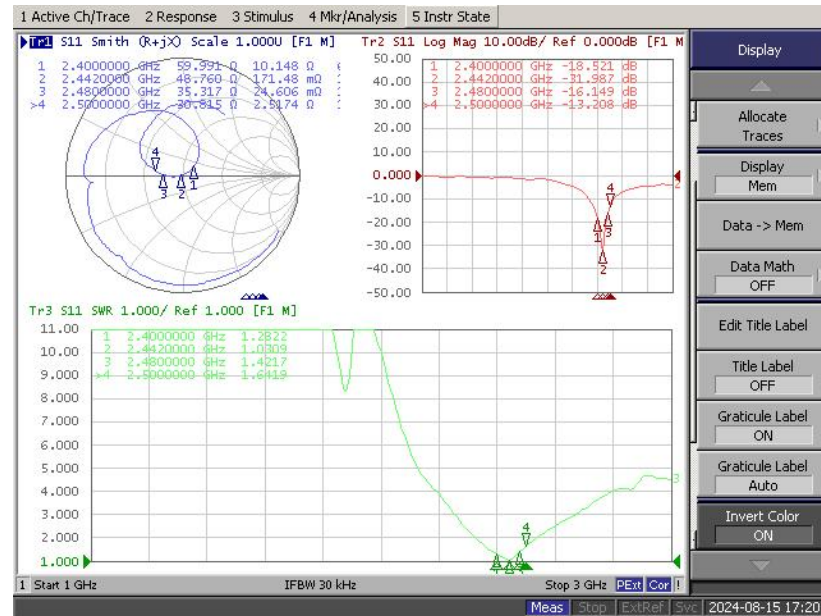
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

2.1: antenna S11 parameters

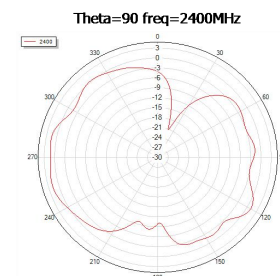
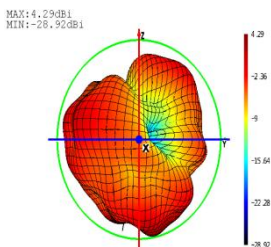
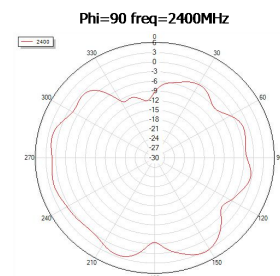
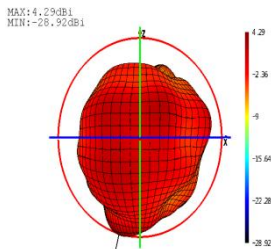
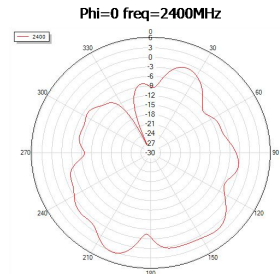
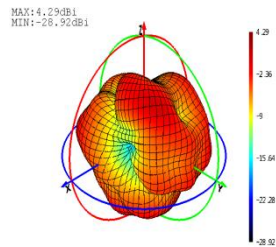


2.2: Passive efficiency of antenna

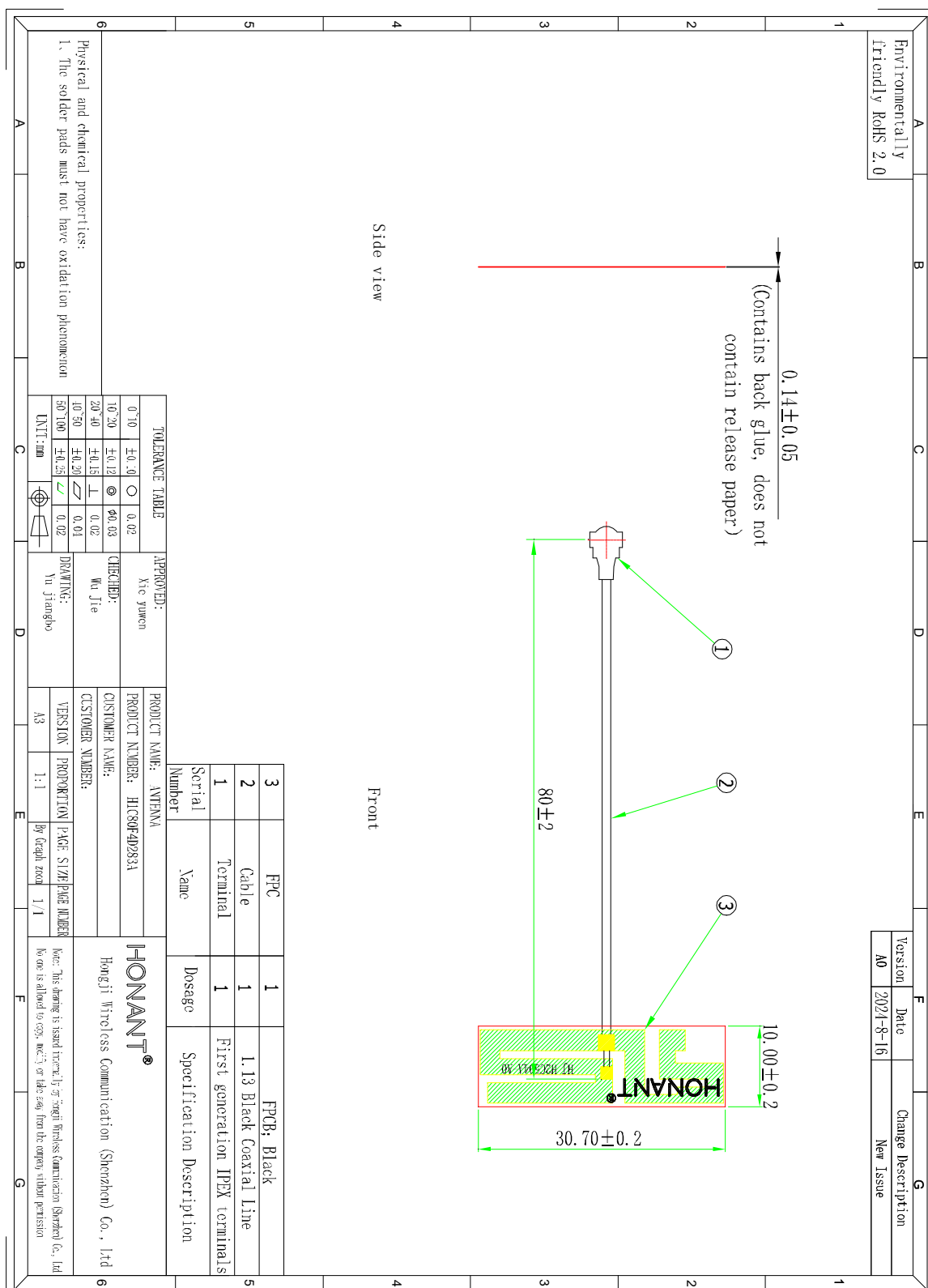
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	4.29	52.43
2410	4.15	50.86
2420	4.47	48.84
2430	4.77	49.07
2440	4.9	47.95
2450	4.82	50.32
2460	4.41	51.64
2470	4.63	52.51
2480	4.63	53.65

2.3: Passive pattern of BT antenna

2400MHz



3: Structural drawing



4: Antenna diagram

