

Antenna Sample Datasheet

entry name:	CT06
Material category:	BT antenna
Antenna Material	LDS
Antenna type	FPC
Date:	2025. 05. 09

Contents

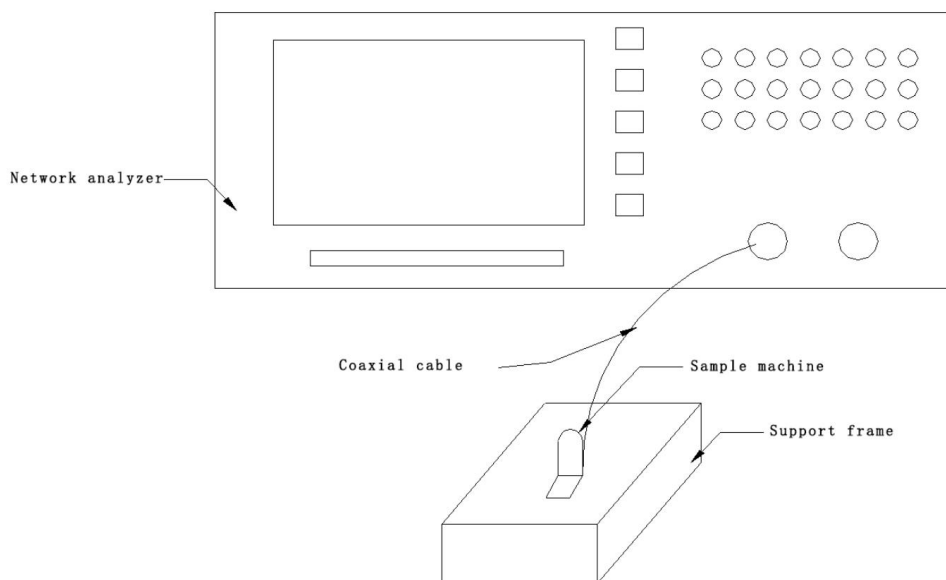
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Matching circuit.....	5
4: Structural drawing.....	6
5: Antenna diagram.....	7

1: Antenna test equipment

List of meters: Agilent 5071B;



1.1 The principle diagram of the ETS anechoic chamber



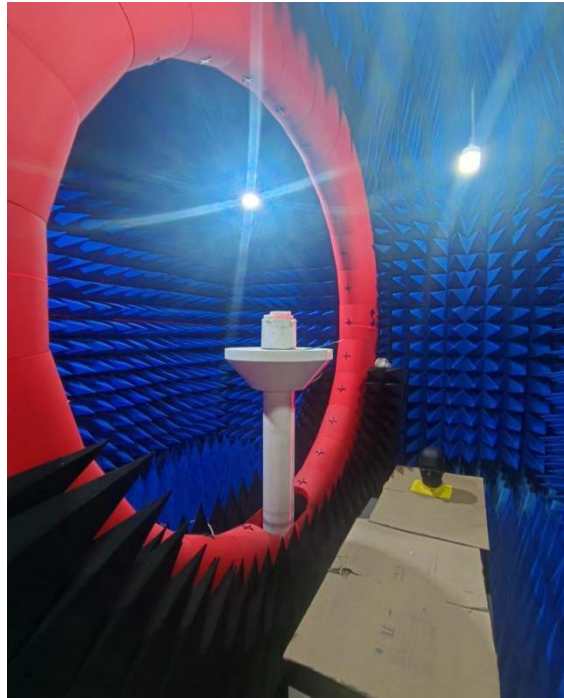
Picture1. Antenna static test connection method

Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

www.honant.com.cn

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

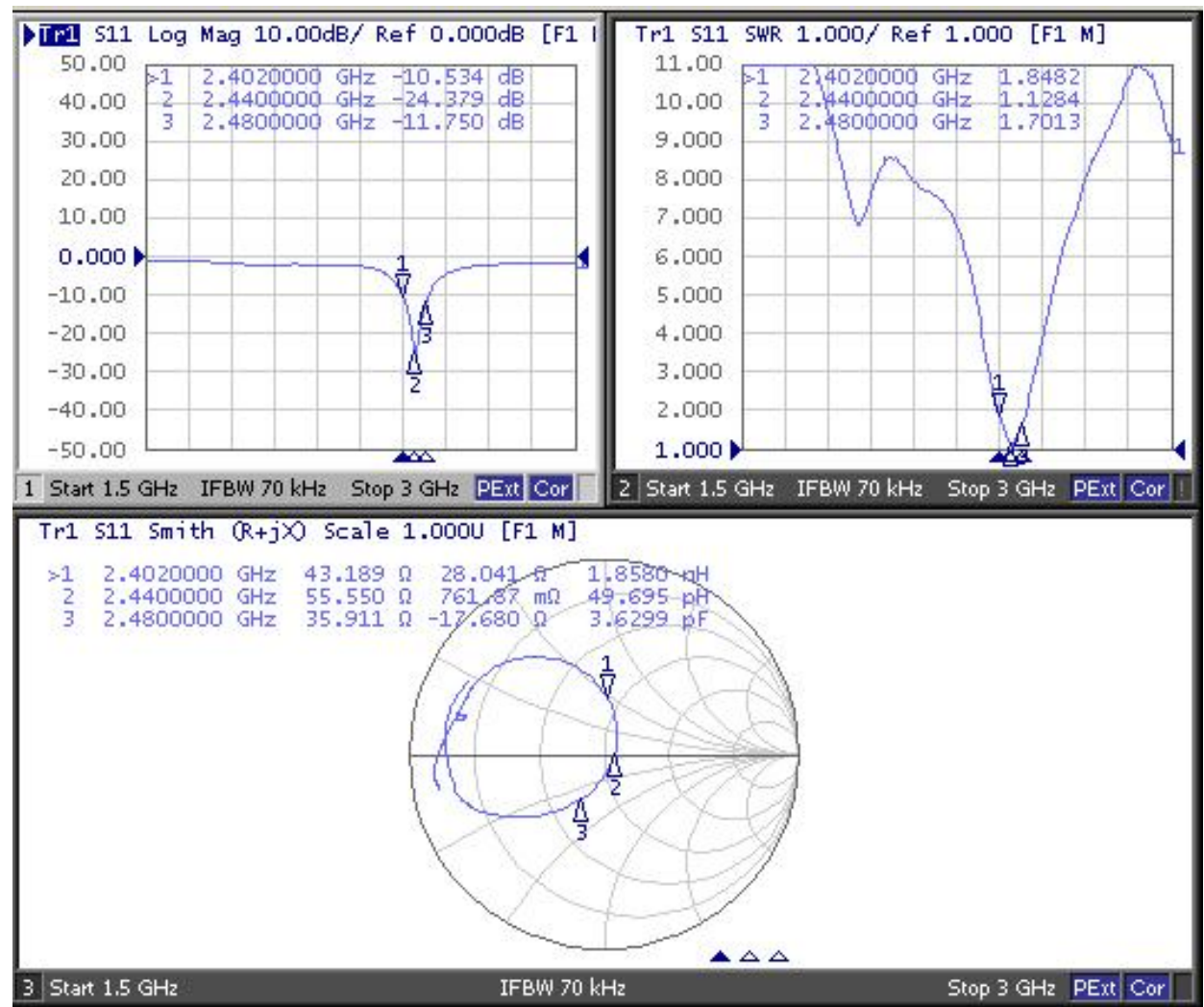
Telephone number: 0755-28700082

www.honant.com.cn

Test Machine

2: Passive test report

2.1: BT antenna S11 parameters



Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

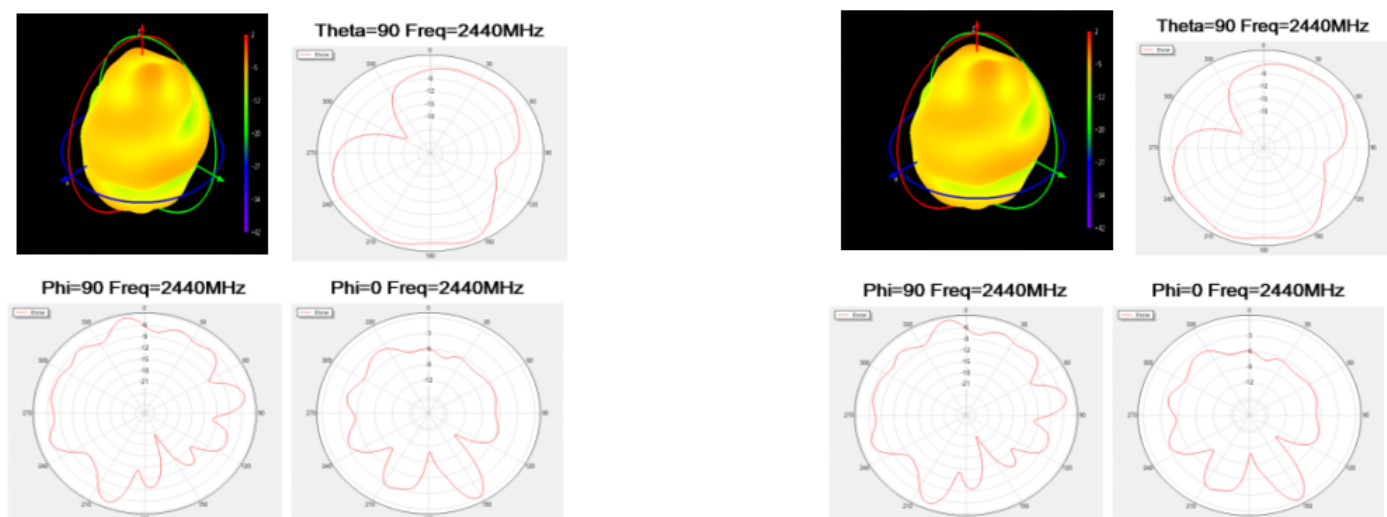
www.honant.com.cn

2.2: Passive efficiency of antenna

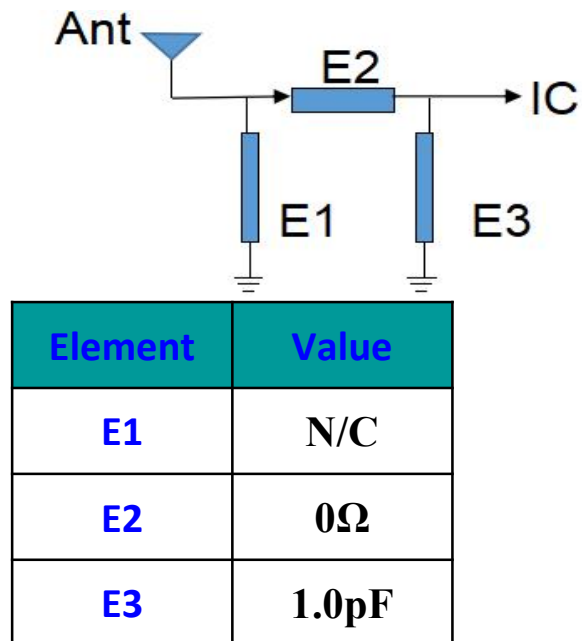
L			
频点MHz	增益(dBi)	效率(dB)	效率 (%)
2400	-1.89	-7.55	17.59
2410	-1.68	-7.28	18.71
2420	-1.79	-7.07	19.62
2430	-1.69	-6.91	20.38
2440	-1.52	-6.72	21.27
2450	-1.78	-6.57	22.05
2460	-1.96	-6.76	21.11
2470	-1.85	-7.02	19.88
2480	-1.95	-7.29	18.67
平均值	-1.79	-7.02	19.92

R			
频点MHz	增益(dBi)	效率(dB)	效率 (%)
2400	-1.96	-7.47	17.89
2410	-1.61	-7.22	18.95
2420	-1.35	-6.87	20.57
2430	-1.25	-6.87	20.56
2440	-1.43	-6.93	20.27
2450	-1.61	-7.04	19.79
2460	-1.72	-7.20	19.06
2470	-1.81	-7.09	19.56
2480	-1.79	-7.42	18.13
平均值	-1.61	-7.12	19.42

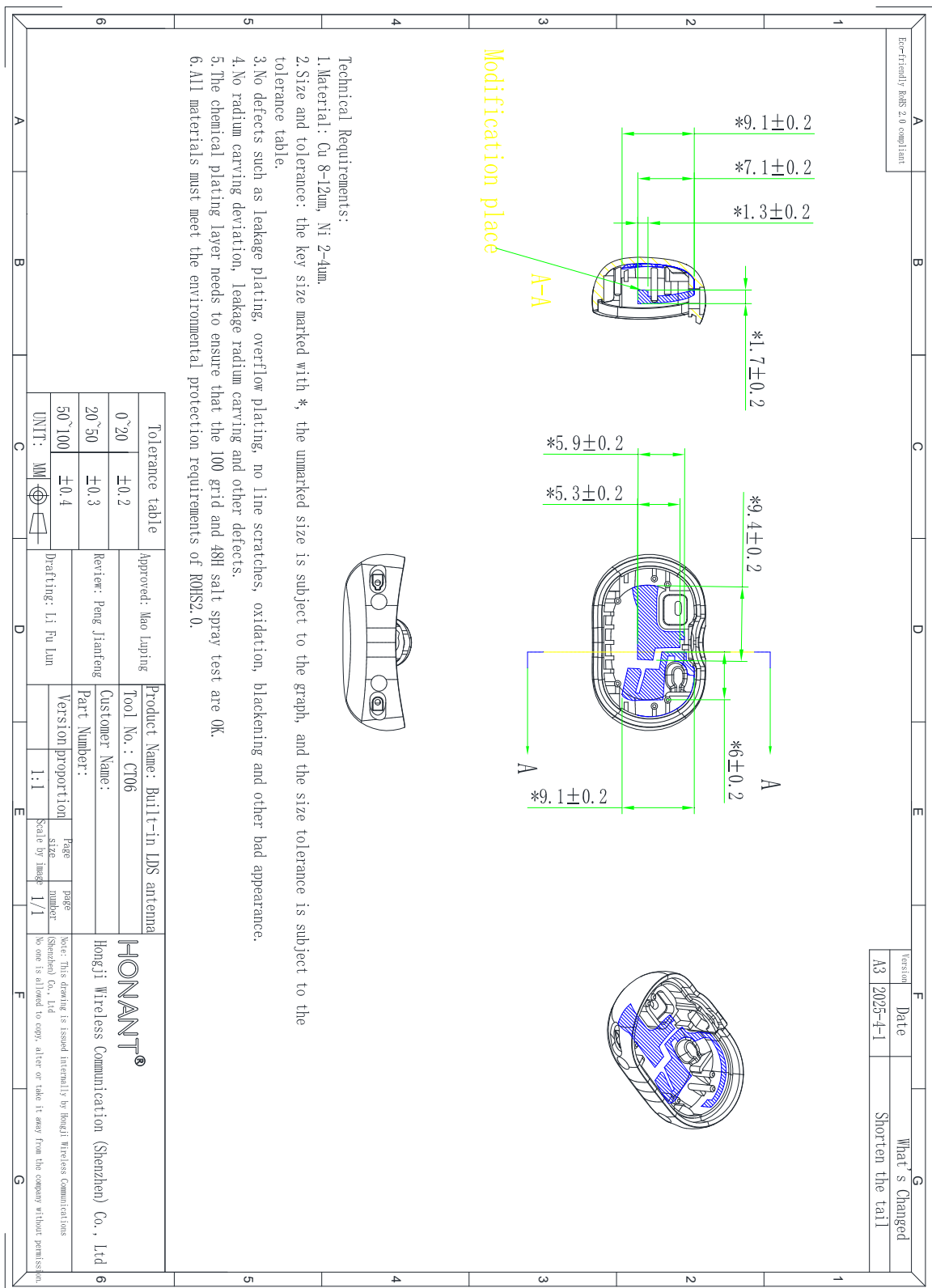
2.3: Passive pattern of BT antenna



3: Matching circuit



4: Structural drawing



Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

www.honant.com.cn

5: Antenna diagram

