

Antenna Sample Datasheet

customer:	Horn Audio Co., LTD
entry name:	25252-R
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A0
Date:	2026. 3. 13

Contents

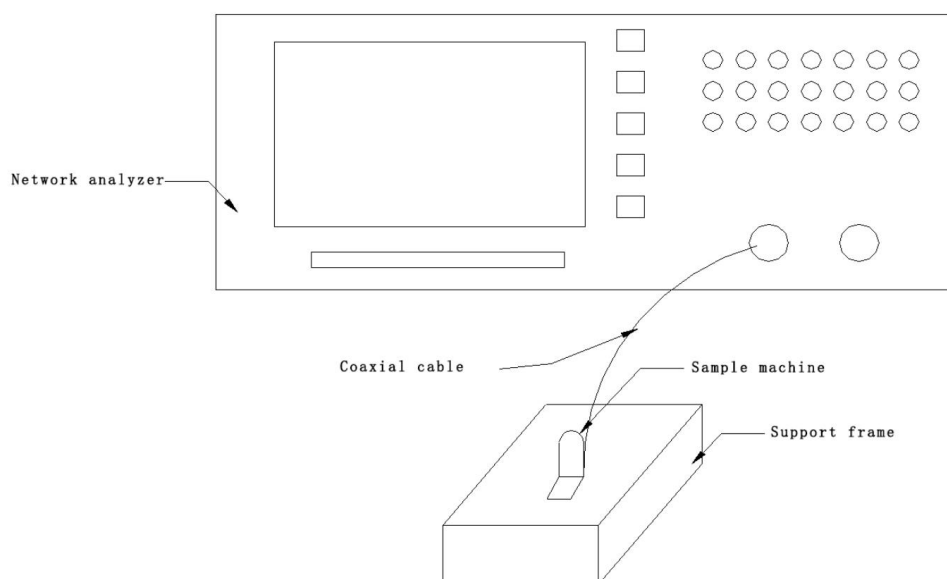
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Matching circuit.....	5
4: Structural drawing.....	6

1: Antenna test equipment

List of meters: Agilent 5071B;

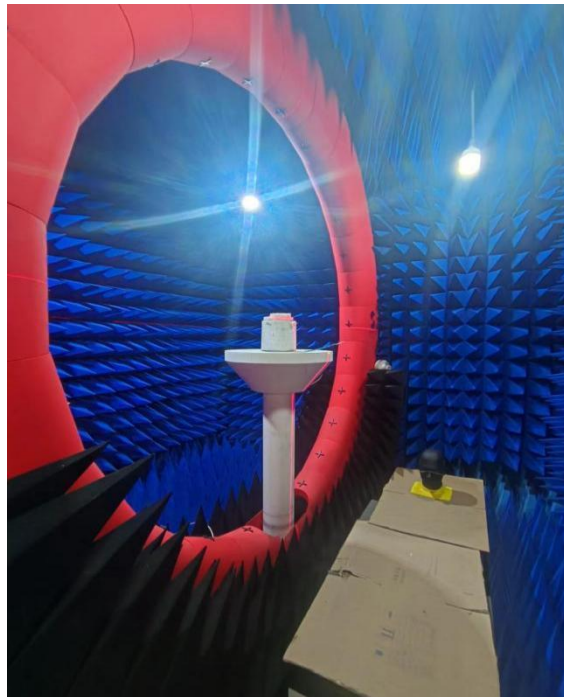


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

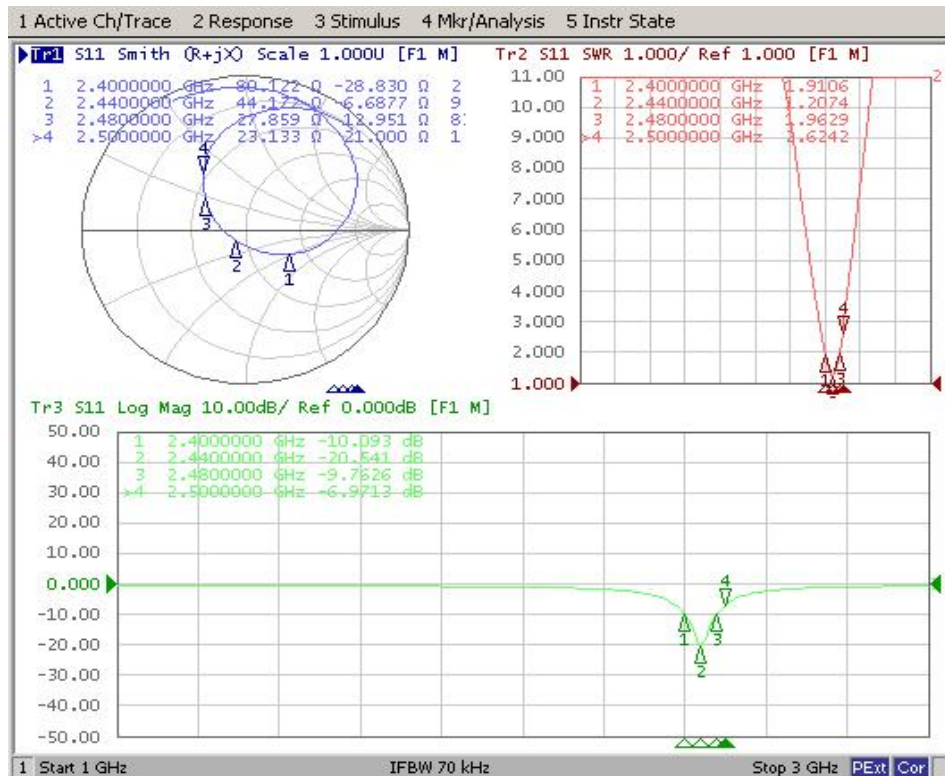
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

www.honant.com.cn

2: Passive test report

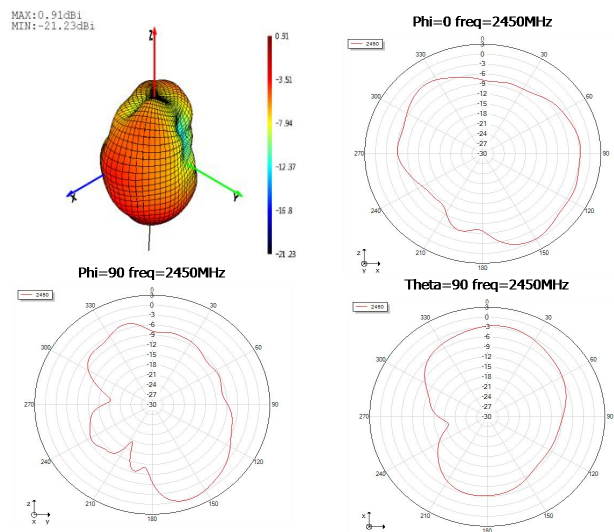
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-0.72	23.82
2410	-0.28	24.06
2420	0.17	25.66
2430	0.76	27.40
2440	1.00	28.61
2450	0.91	27.97
2460	1.21	30.82
2470	1.41	32.35
2480	1.12	30.56
2490	0.98	30.62
2500	0.77	30.47
Mean value	0.67	28.39

2.3: Passive pattern of BT antenna

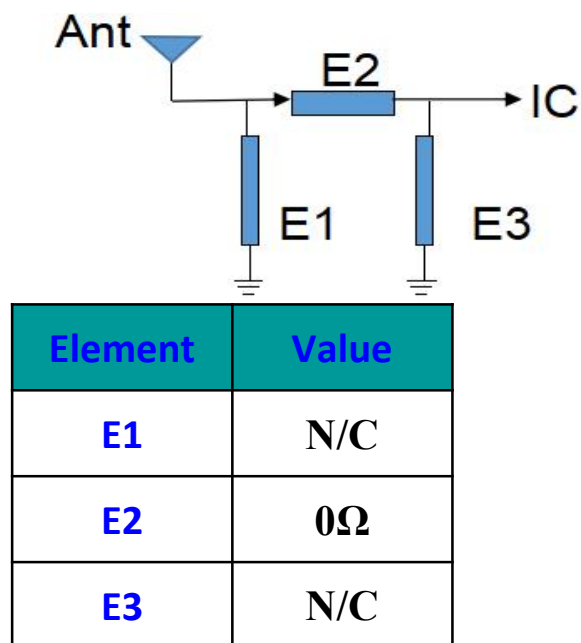


Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

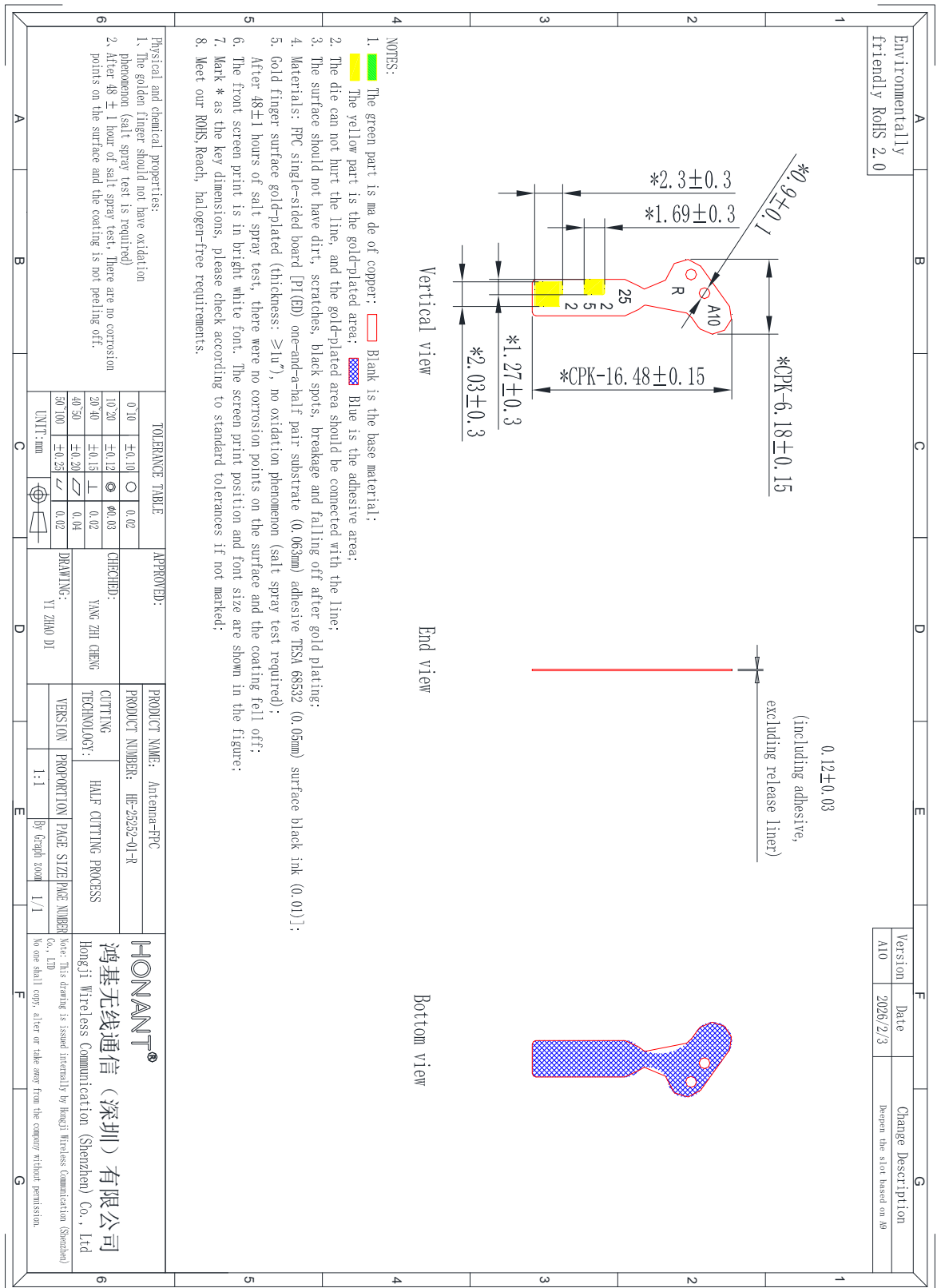
Telephone number: 0755-28700082

www.honant.com.cn

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