

鴻基無線通信（深圳）有限公司

Hongji Wireless Communication (Shenzhen) Co., Ltd

Antenna Sample Datasheet

customer:	Minami Acoustics Limited
entry name:	T2100-R
Material category:	BT antenna
Antenna Material	FPC
edition:	A4
Date:	2026. 3. 16

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

Telephone number: 0755-28700082

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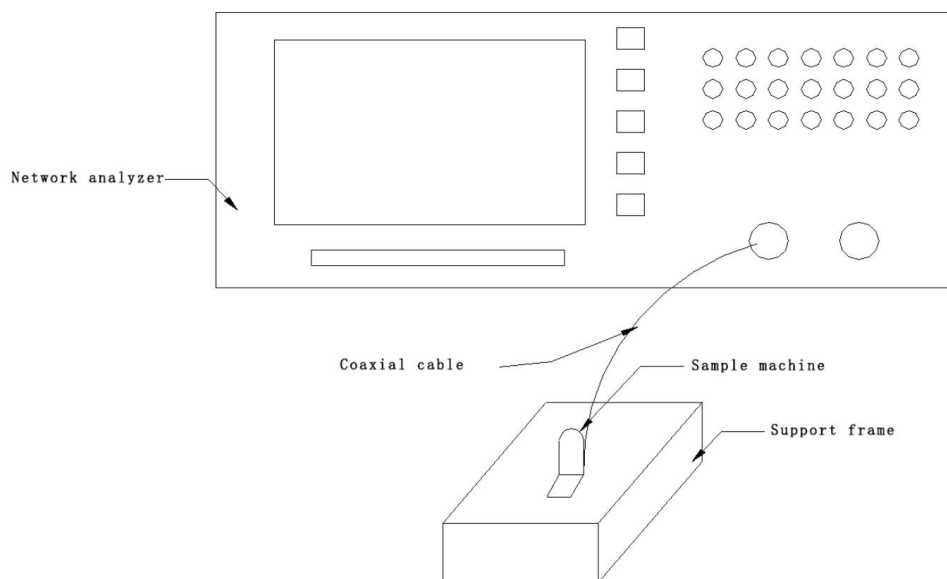
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1: Antenna test equipment

List of meters: Agilent 5071B;



1.1The principle diagram of the ETS anechoic chamber



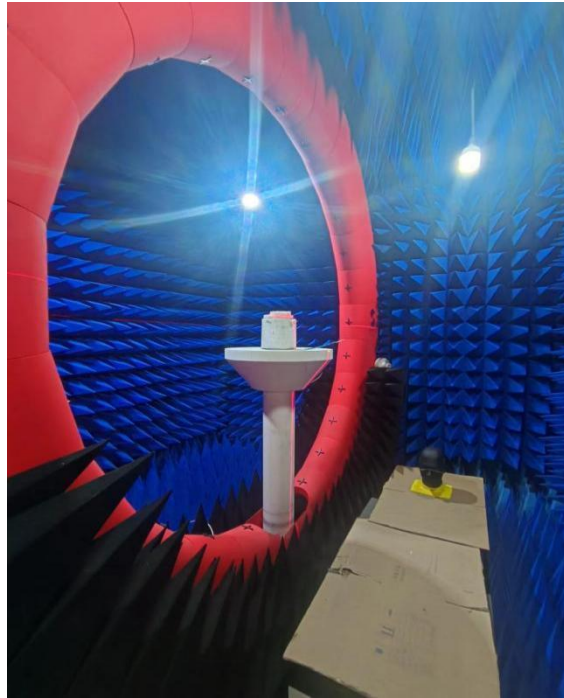
Picture1.Antenna static test connection method

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1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

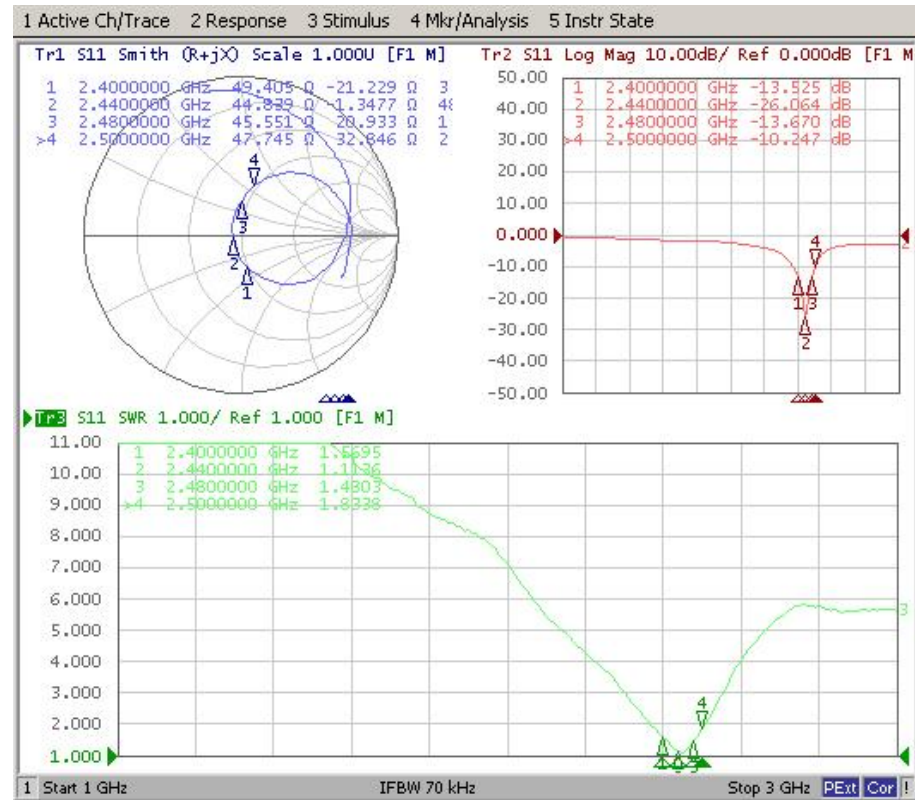
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2: Passive test report

2.1: BT antenna S11 parameters



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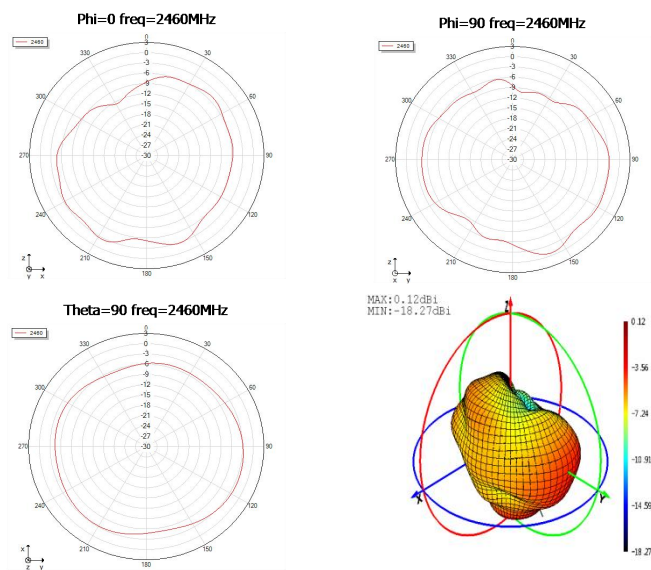
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2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-0.75	20.82
2410	-0.56	22.72
2420	-0.36	24.61
2430	-0.07	25.4
2440	-0.02	26.57
2450	-0.12	25.92
2460	0.12	27.77
2470	0.07	27.95
2480	-0.28	25.91
Mean value	-0.22	25.3

2.3: Passive pattern of BT antenna

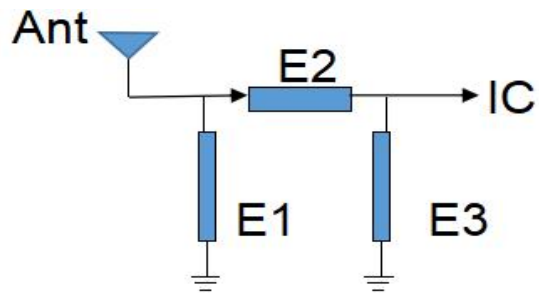


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3: Matching circuit



Element	Value
E1	N/C
E2	0Ω
E3	N/C

4: Structural drawing

