

Antenna Sample Datasheet

customer:	Edifier Technology Co., Ltd.
entry name:	EDF200200
Material category:	BT antenna
Antenna Type	FPC
Antenna Material	FPC
Date:	2025.1.7
Manufacturer Address	12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Guanguang Road, Guangming District, Shenzhen

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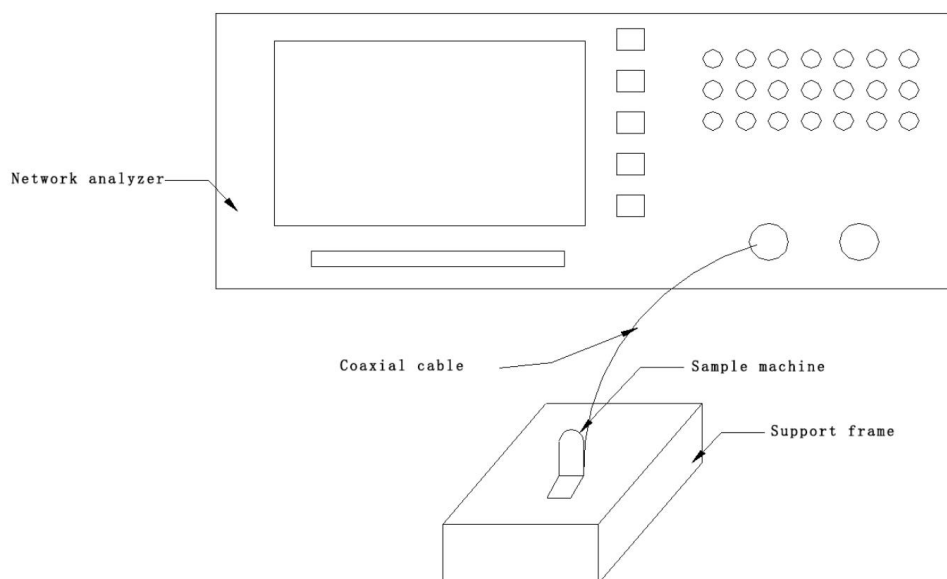
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1: Antenna test equipment

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



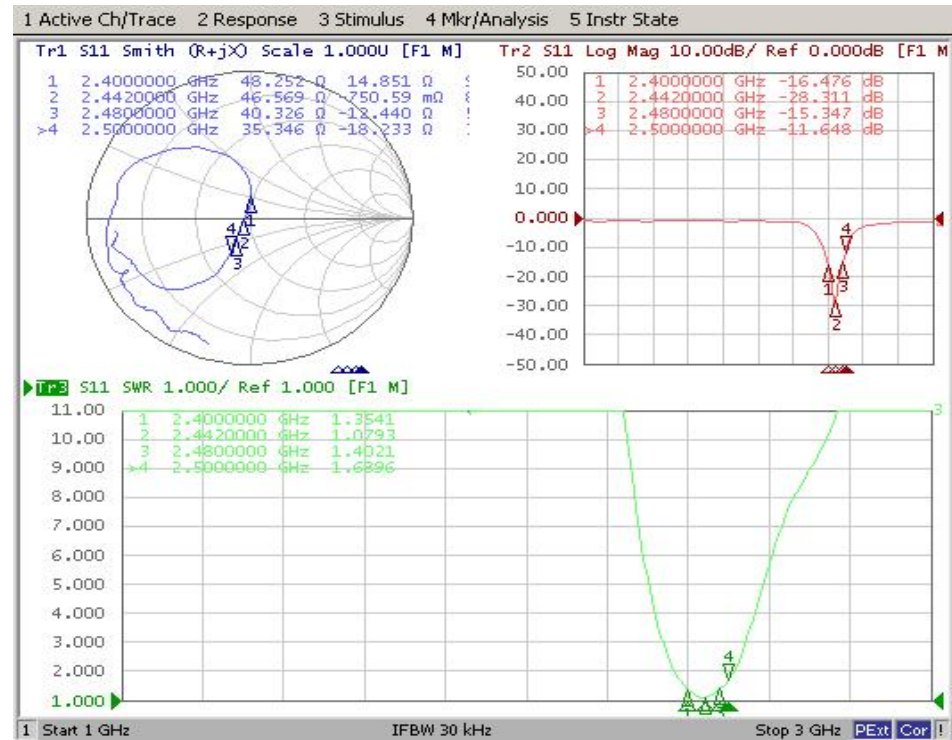
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

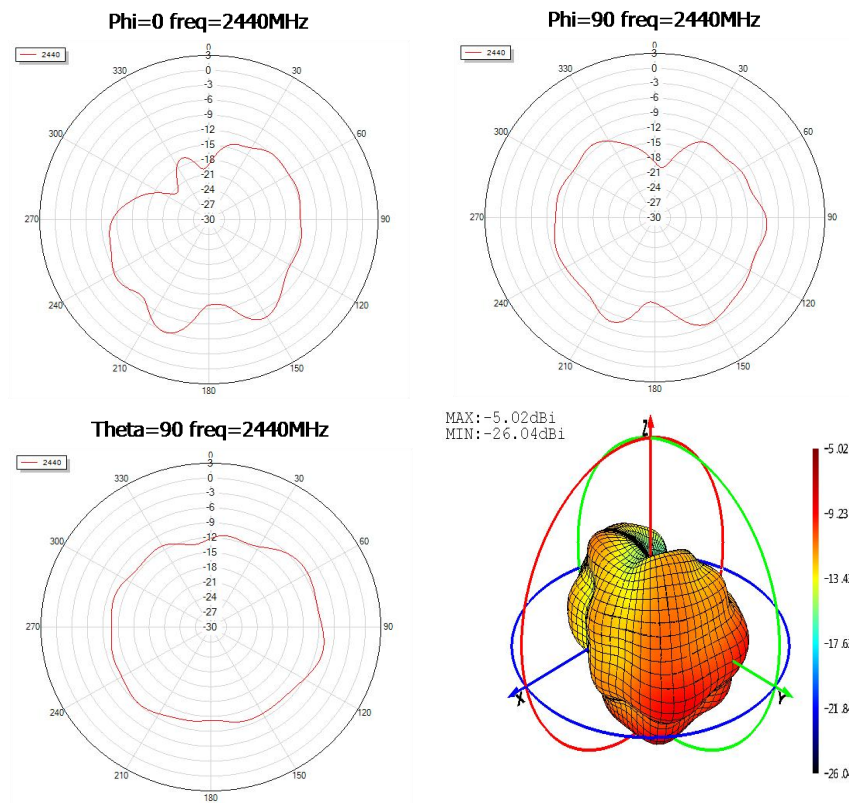
2.1: BT antenna S11 parameters



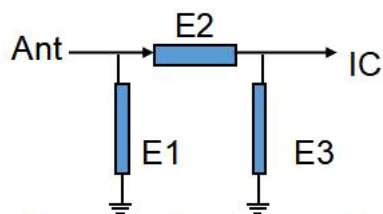
2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-5.14	10.82
2410	-5.03	11.34
2420	-5.12	11.29
2430	-5.13	11.57
2440	-5.02	11.45
2450	-5.05	11.28
2460	-5.18	11.04
2470	-5.03	11.35
2480	-4.79	12.03
Mean value	-5.05	11.35

2.3: Passive pattern of BT antenna



3: Matching circuit



Element	Value
E1	1.2PF
E2	0Ω
E3	N/A

4: Structural drawing

