

Antenna Sample Datasheet

customer:	Dongguan Hankai Electronics Co., LTD
entry name:	A67-L
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC
Date:	2025.1.6

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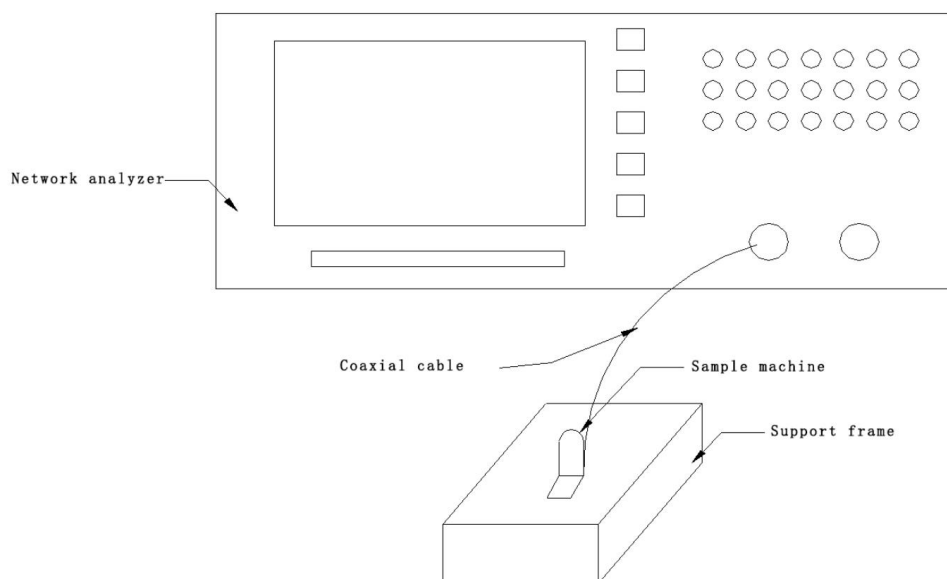
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1: Antenna test equipment

List of meters: Agilent 5071B;

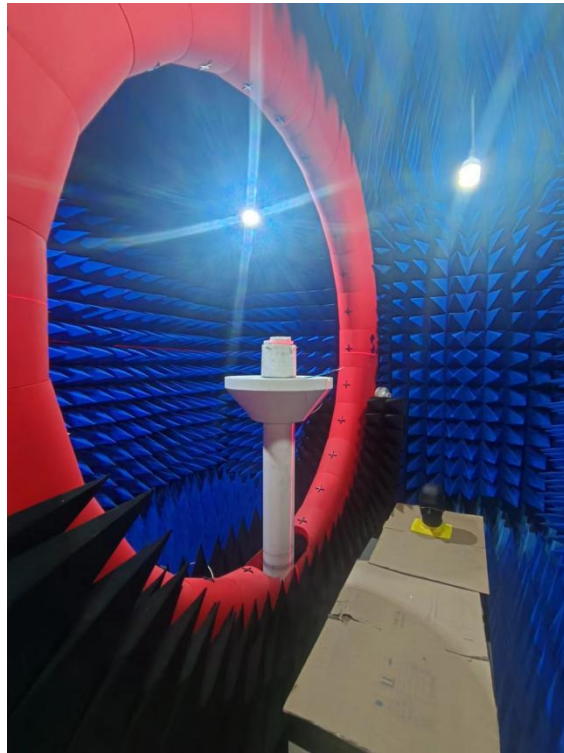


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



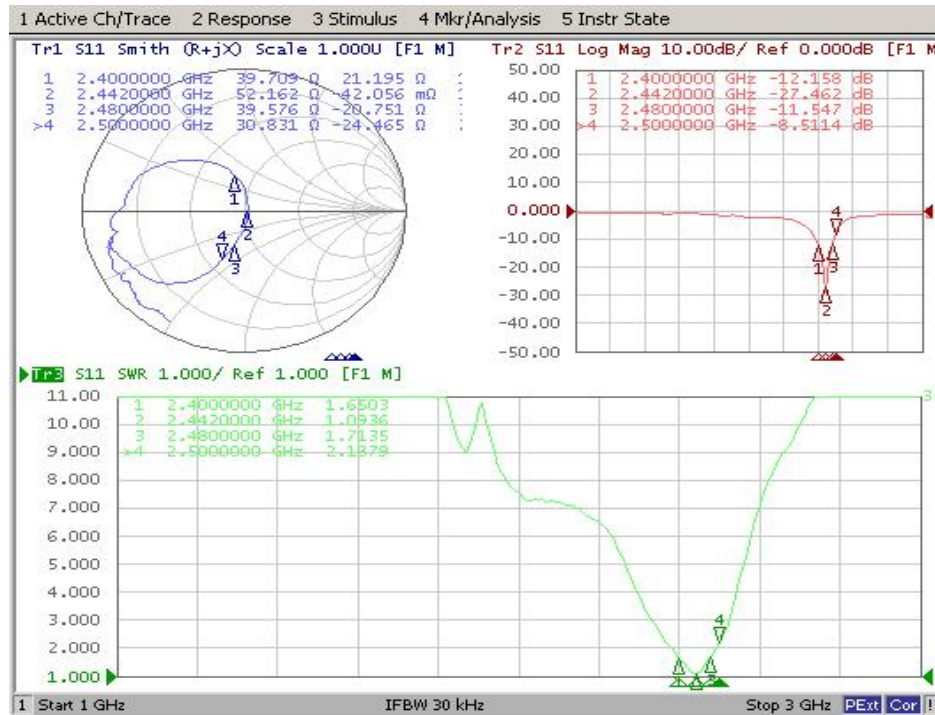
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

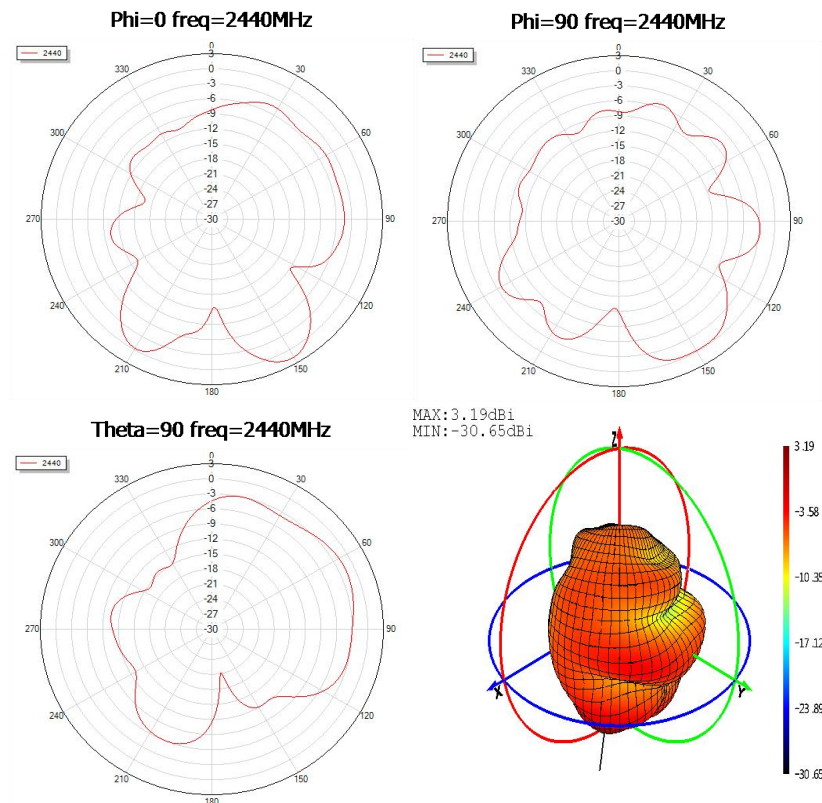
2.1: BT antenna S11 parameters



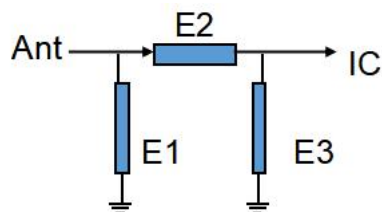
2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	3.35	38.75
2410	3.28	38.03
2420	5.59	38.15
2430	3.22	36.39
2440	3.19	35.58
2450	3.12	34.71
2460	2.8	33.7
2470	3.19	35.96
2480	3.44	38.92
Mean value	3.46	36.69

2.3: Passive pattern of BT antenna



3: Matching circuit



Element	Value
E1	2.7PF
E2	0Ω
E3	N/A

4: Structural drawing