

Antenna Sample Datasheet

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

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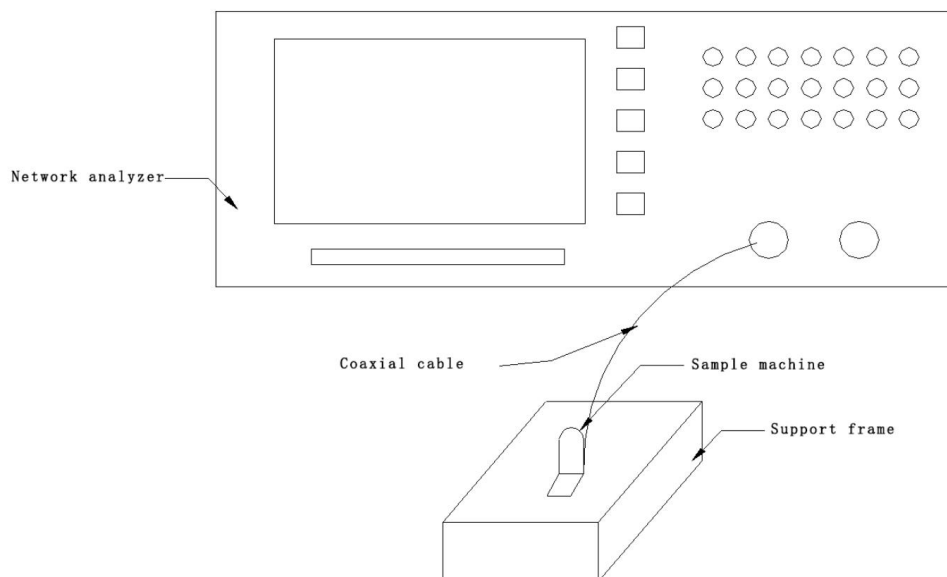
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1: Antenna test equipment

List of meters: Agilent 5071B;

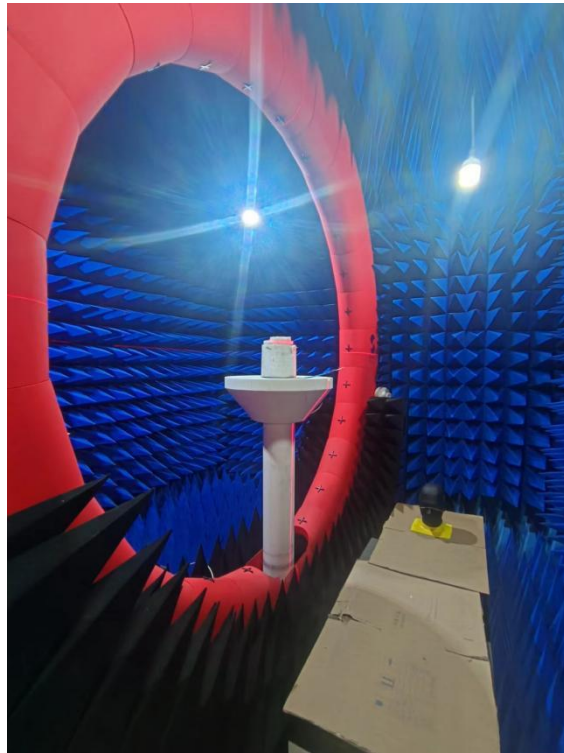


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



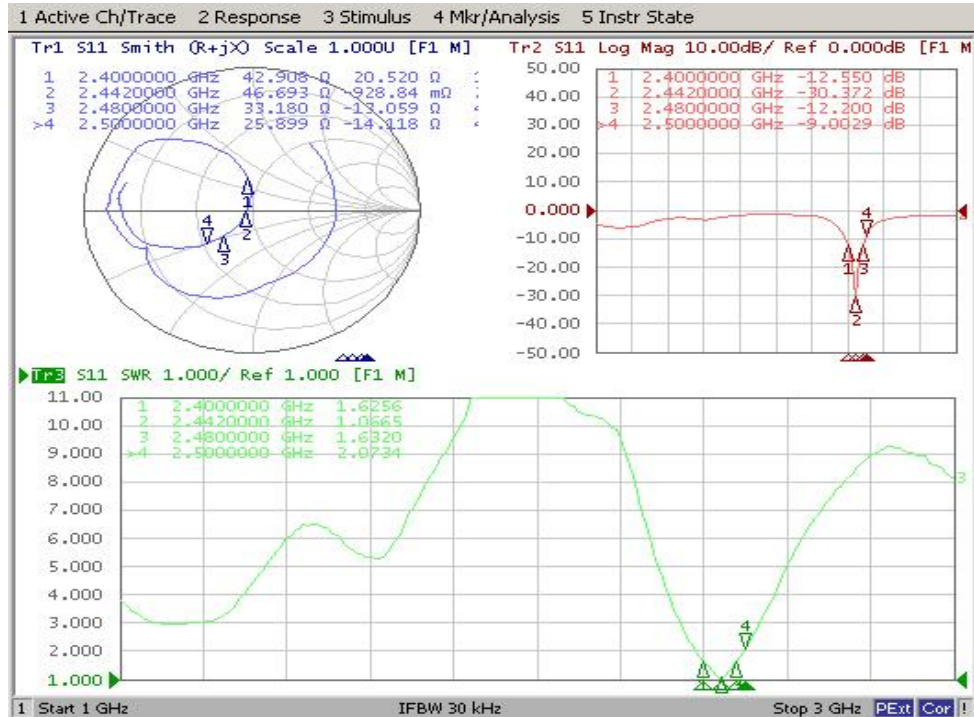
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

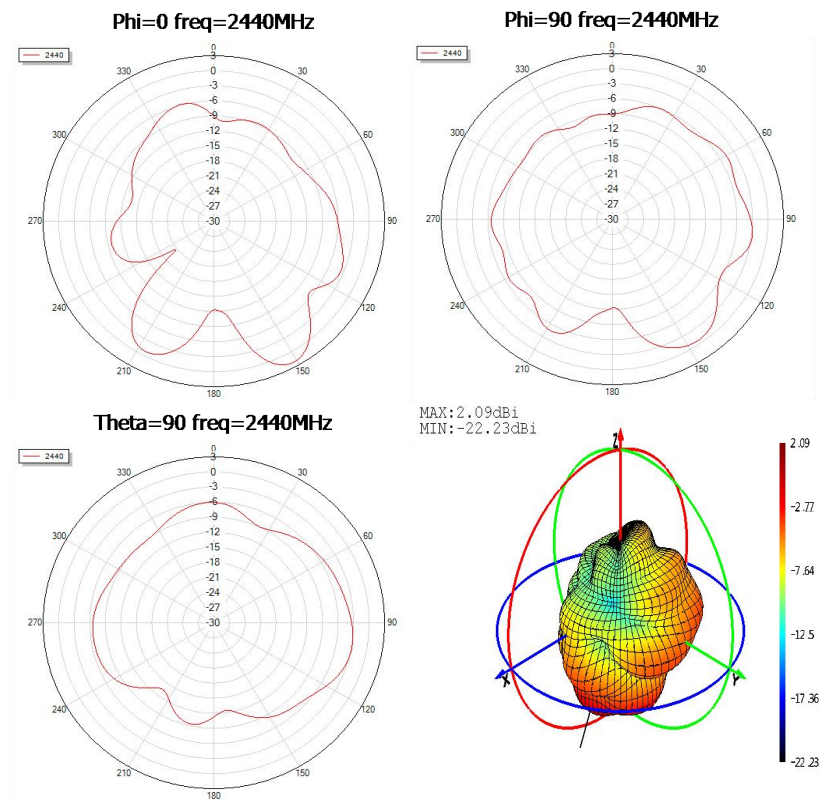
2.1: BT antenna S11 parameters



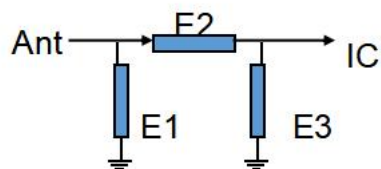
2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	2.17	32.94
2410	2.09	32.89
2420	2.03	31.96
2430	2.41	36.21
2440	2.09	30.67
2450	2	30.21
2460	1.89	34.91
2470	2.02	29.92
2480	2.18	32.33
Mean value	2.1	32.45

2.3: Passive pattern of BT antenna



3: Matching circuit



Element	Value
E1	2.5PF
E2	0Ω
E3	N/A

4: Structural drawing