

Antenna Sample Datasheet

customer:	Minami Acoustics Limited
entry name:	JH5003-2.4G
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC
edition:	A5
Date:	2025. 11. 13

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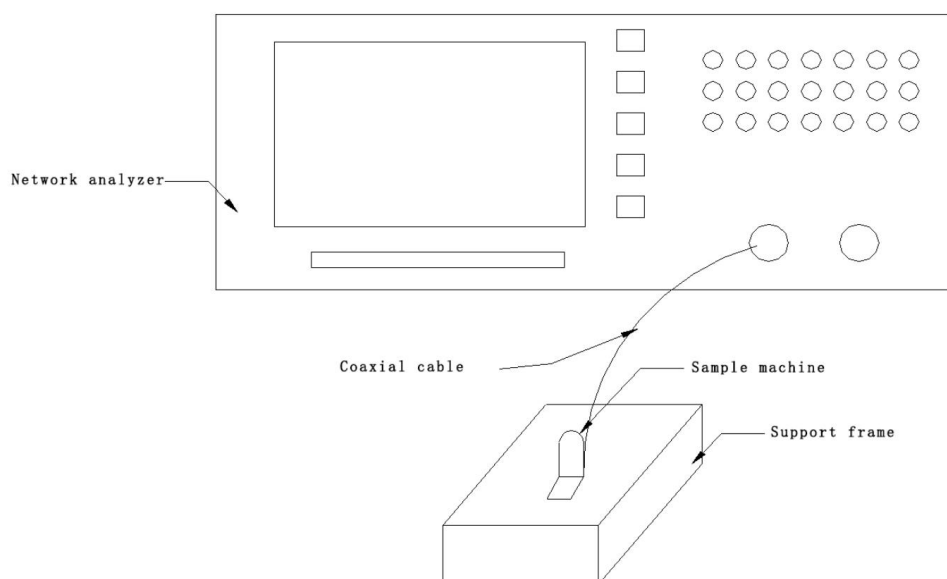
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1: Antenna test equipment

List of meters: Agilent 5071B;

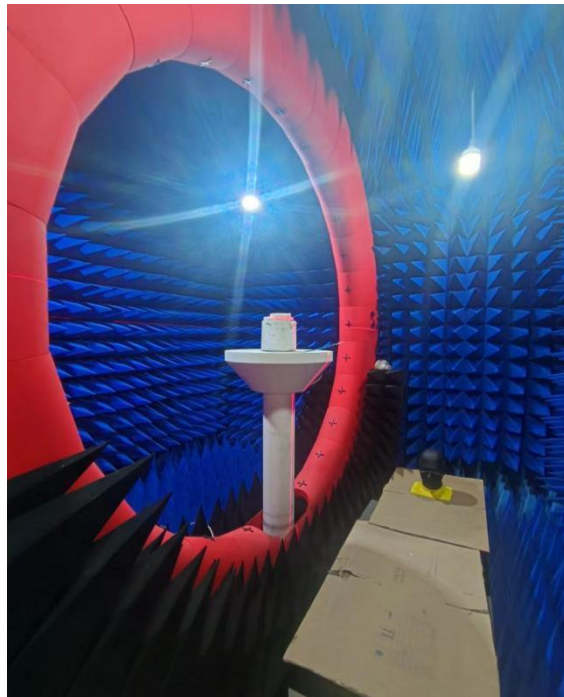


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

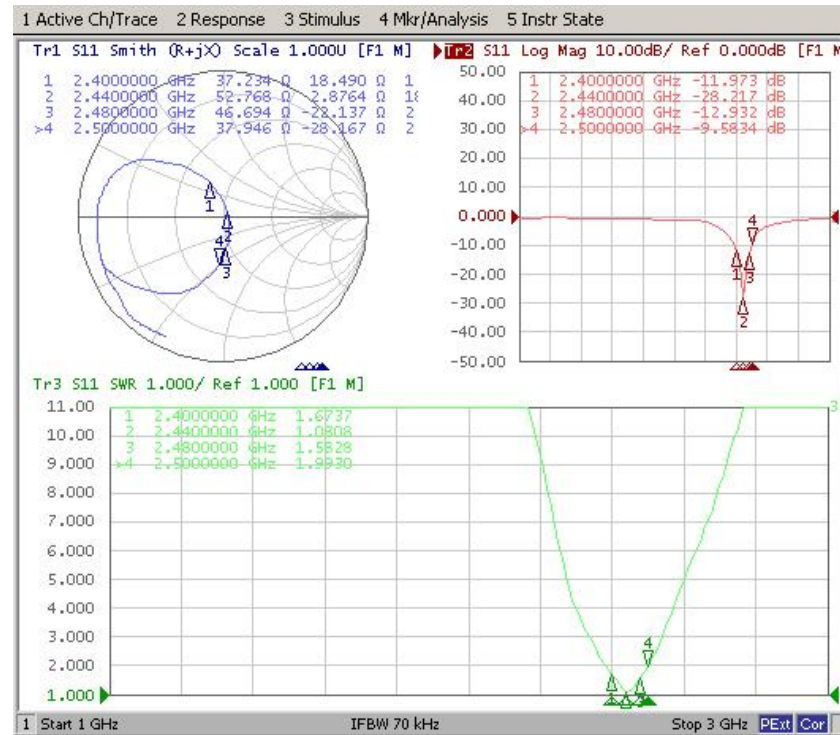
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2: Passive test report

2.1: BT antenna S11 parameters



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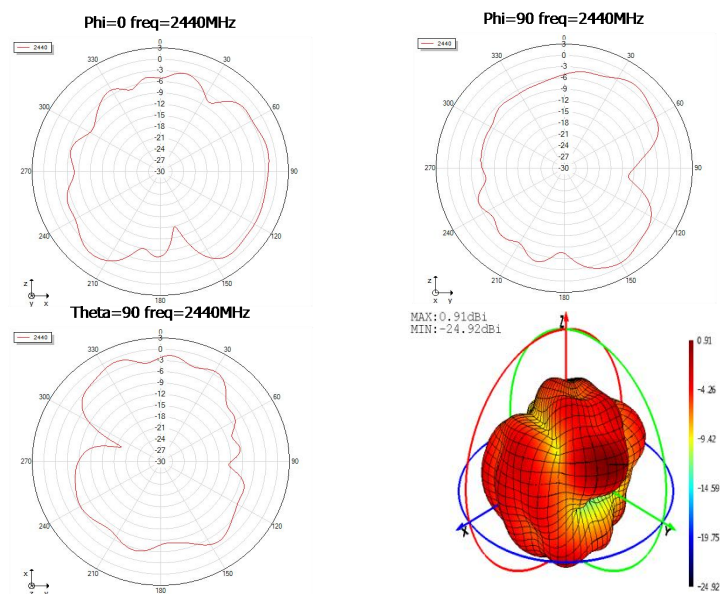
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2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-0.22	36.81
2410	0.11	38.17
2420	0.5	39.46
2430	0.86	40.67
2440	0.91	40.31
2450	0.82	40.21
2460	0.81	40.39
2470	0.74	40.99
2480	0.63	38.72
Mean value	0.57	39.53

2.3: Passive pattern of BT antenna

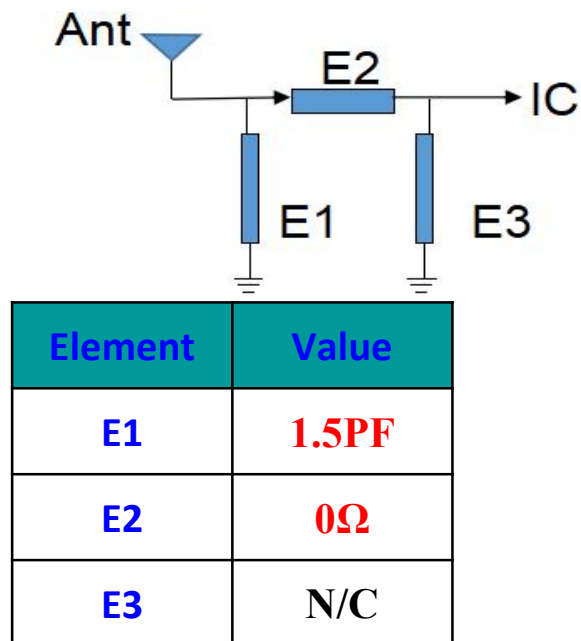


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3: Matching circuit



4: Structural drawing

