

Antenna Sample Datasheet

customer:	Minami Acoustics Limited
entry name:	T5000-R
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC
edition:	V1.7
Date:	2024.12.6

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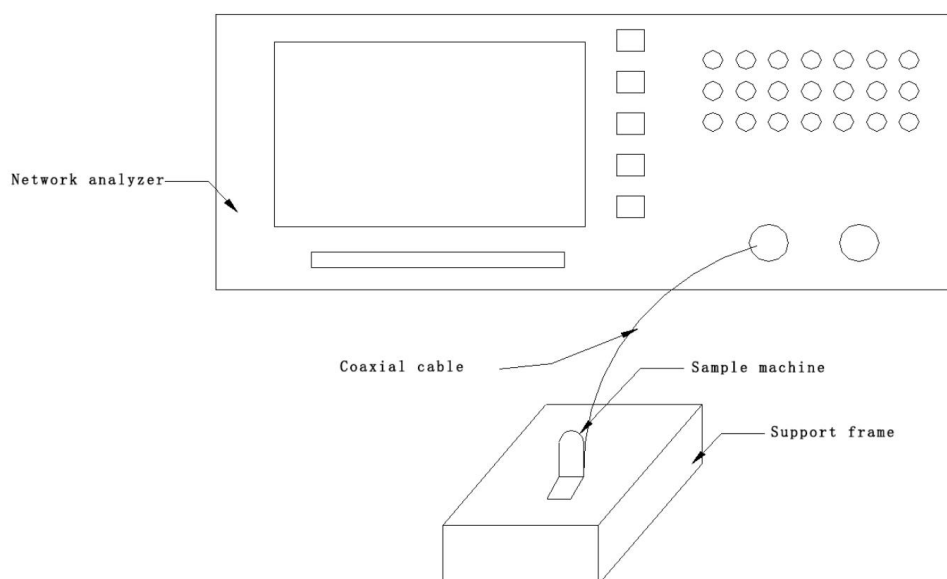
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1: Antenna test equipment

List of meters: Agilent 5071B;

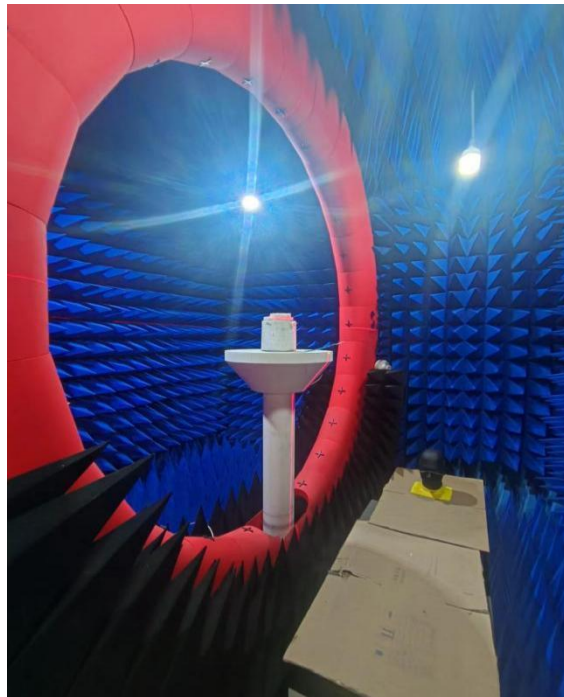


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

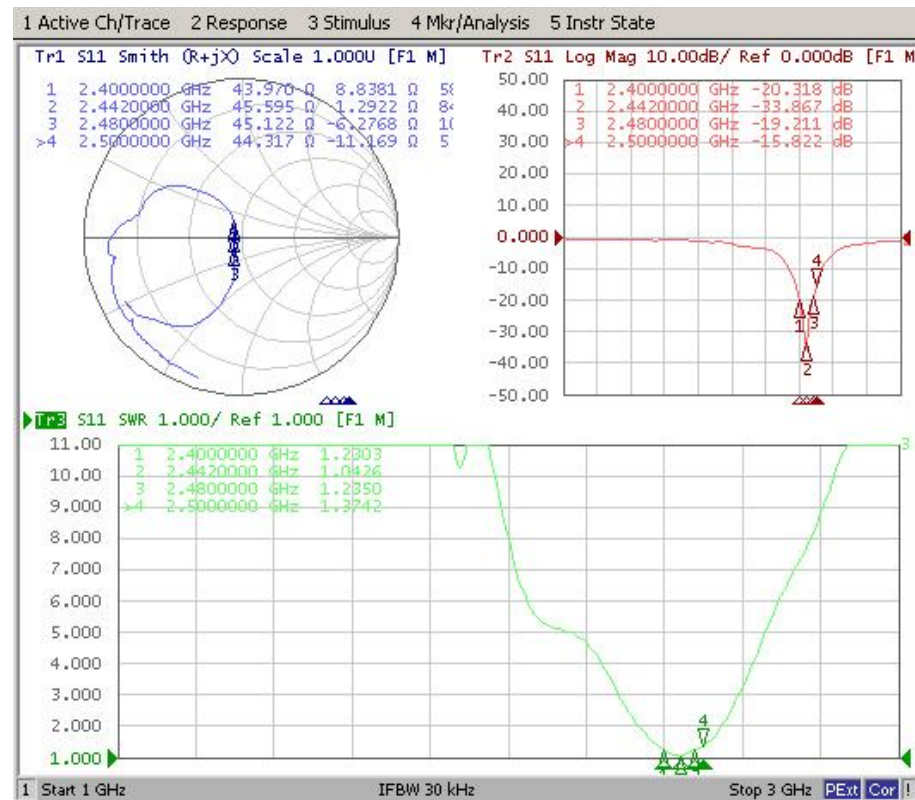
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2: Passive test report

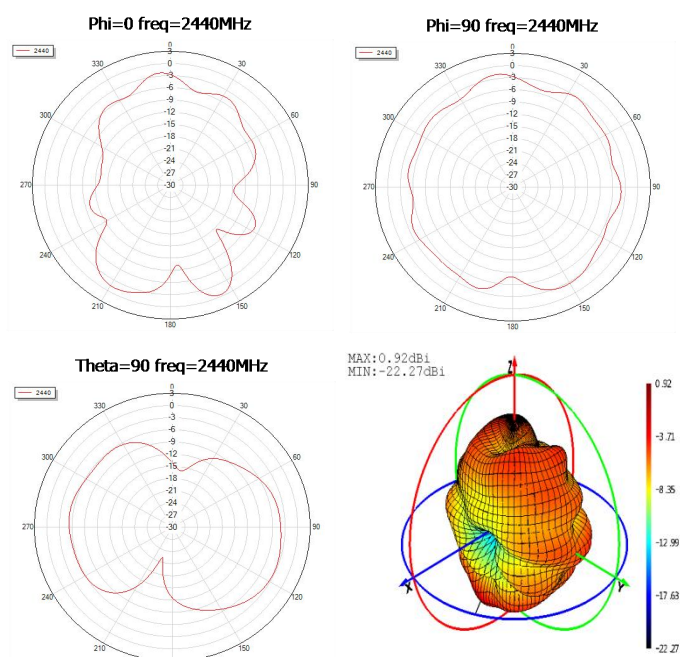
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	0.44	27.99
2410	0.51	29.47
2420	0.73	30.56
2430	0.98	31.56
2440	0.92	31.23
2450	1.11	31.49
2460	0.93	31.05
2470	1.14	28.63
2480	0.81	28.55
Mean value	0.84	30.06

2.3: Passive pattern of BT antenna

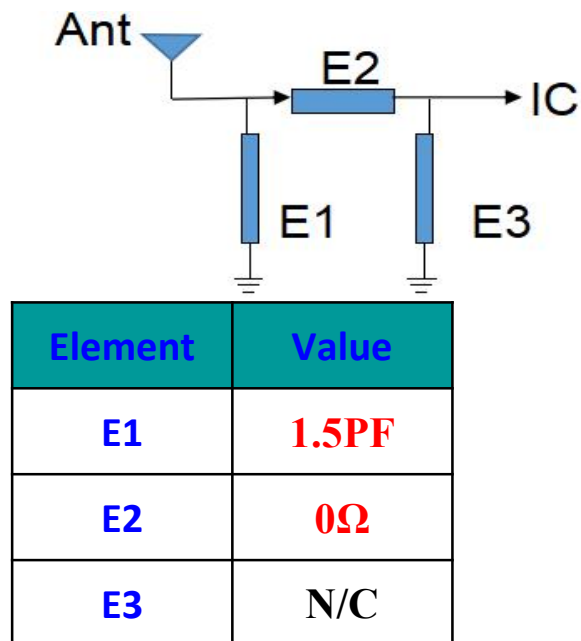


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3: Matching circuit



4: Structural drawing

