

Antenna Sample Datasheet

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

Contents

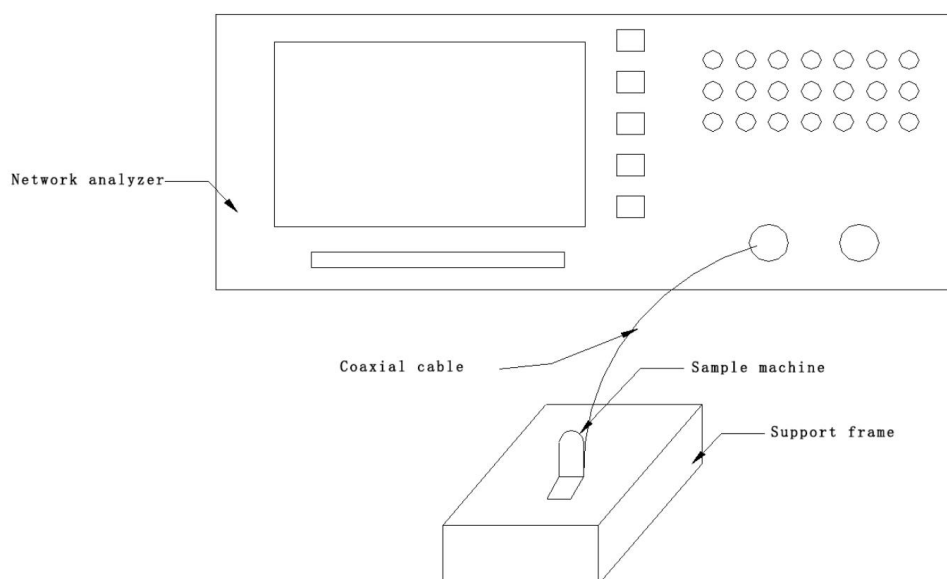
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1: Antenna test equipment

List of meters: Agilent 5071B;

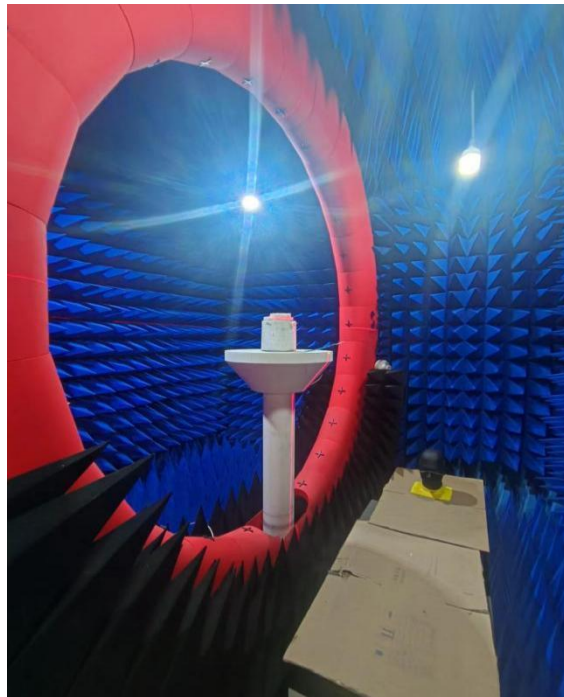


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

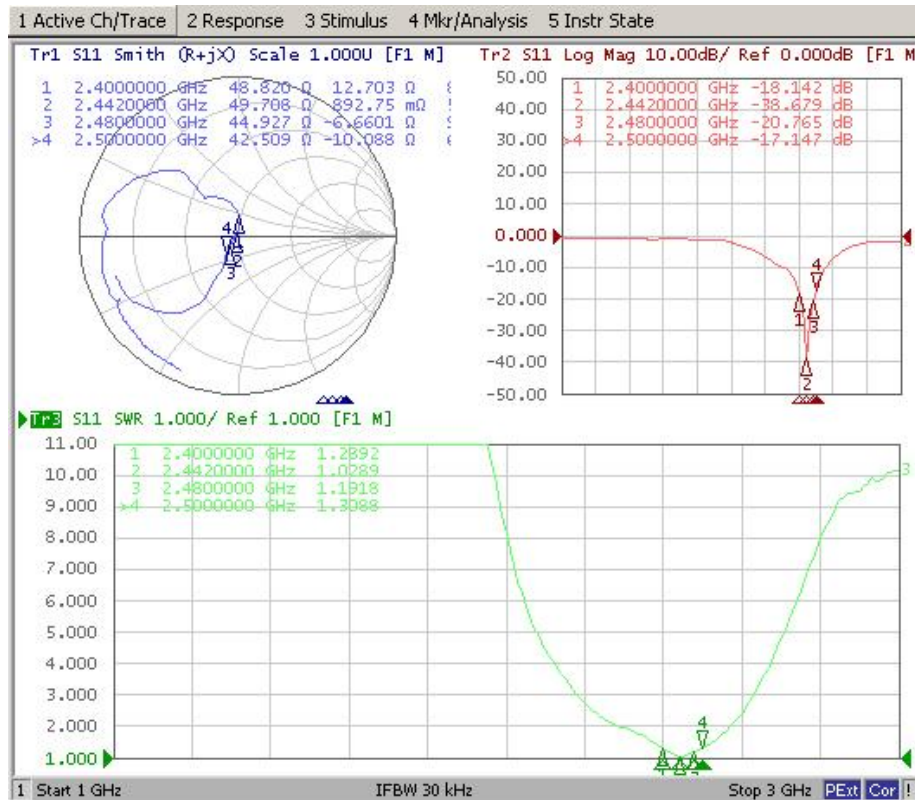
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2: Passive test report

2.1: BT antenna S11 parameters



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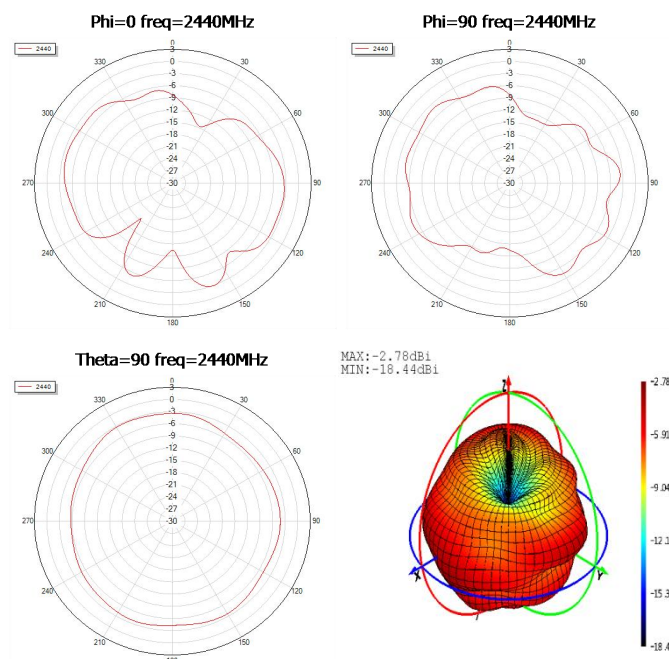
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2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-2.84	24.5
2410	-2.75	26.64
2420	-2.83	27.97
2430	-2.86	28.55
2440	-2.78	27.99
2450	-2.64	28.19
2460	-2.87	27.17
2470	-2.59	25.09
2480	-2.92	24.2
Mean value	-2.79	26.7

2.3: Passive pattern of BT antenna

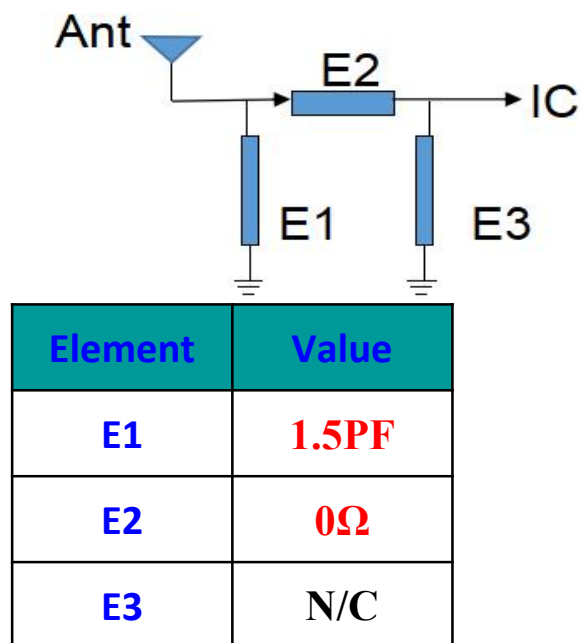


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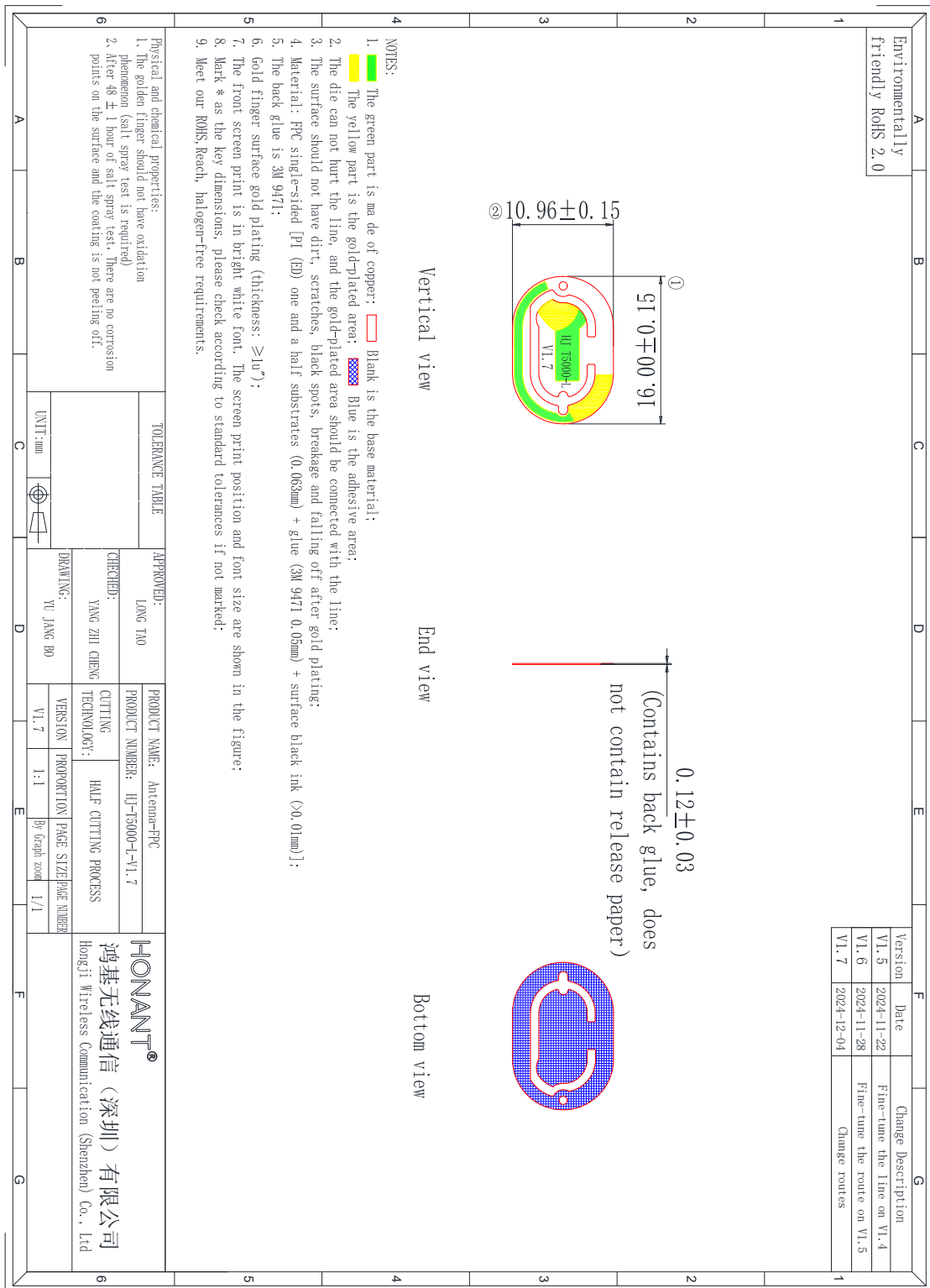
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3: Matching circuit



4: Structural drawing



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