

Antenna Sample Datasheet

entry name:	JT1002-R
Material category:	BT antenna
Antenna Material	FPC
edition:	A6
Date:	2025. 3. 25

Contents

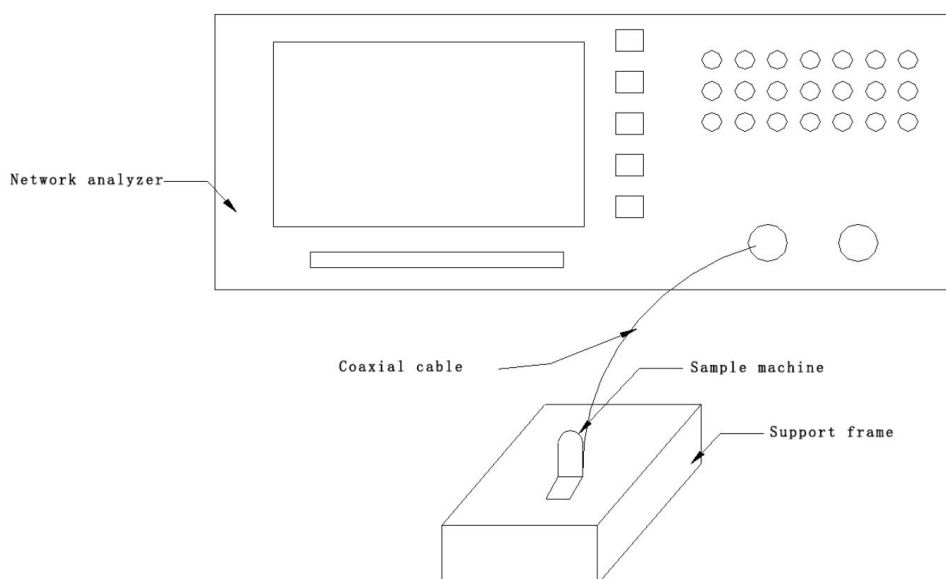
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Matching circuit.....	5
4: Structural drawing.....	6

1: Antenna test equipment

List of meters: Agilent 5071B;

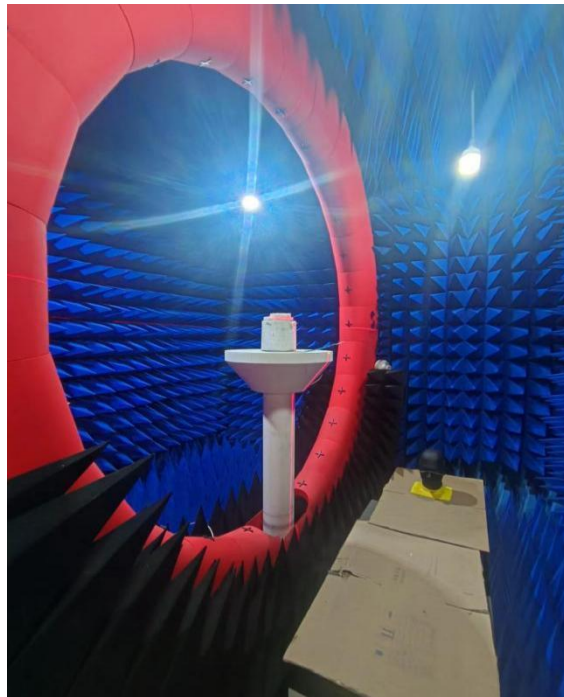


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

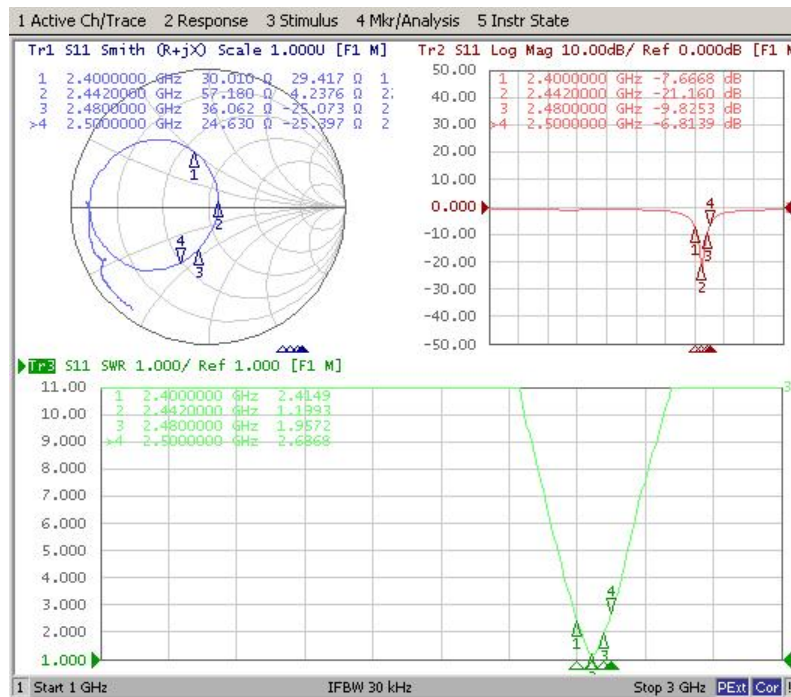
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2: Passive test report

2.1: BT antenna S11 parameters



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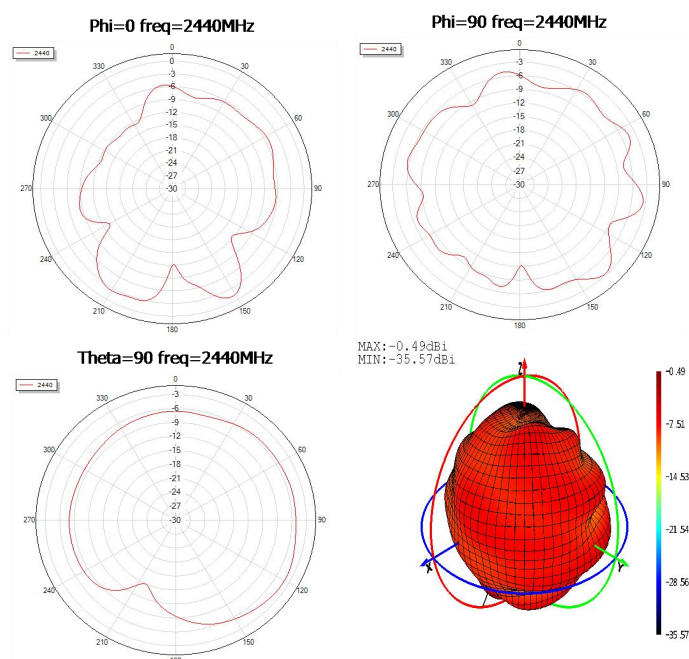
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2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-1.38	13.41
2410	-1.08	14
2420	-0.85	15.15
2430	-0.58	16.09
2440	-0.49	16
2450	-0.35	16.32
2460	-0.48	16.17
2470	-0.43	15.73
2480	-0.89	15.67
Mean value	-0.73	15.39

2.3: Passive pattern of BT antenna

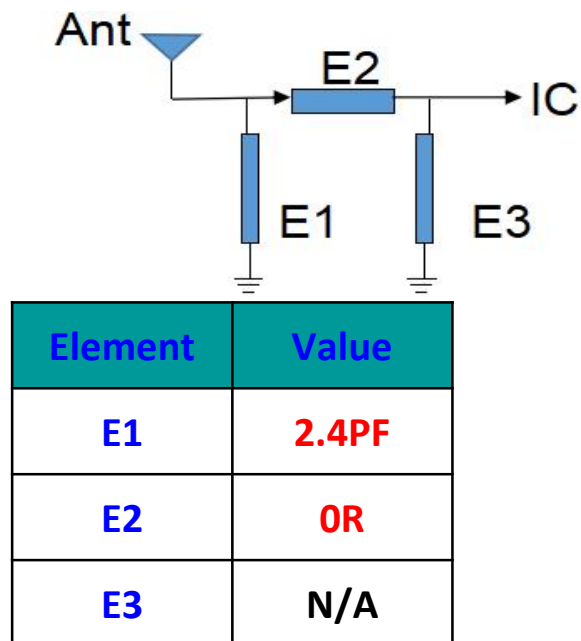


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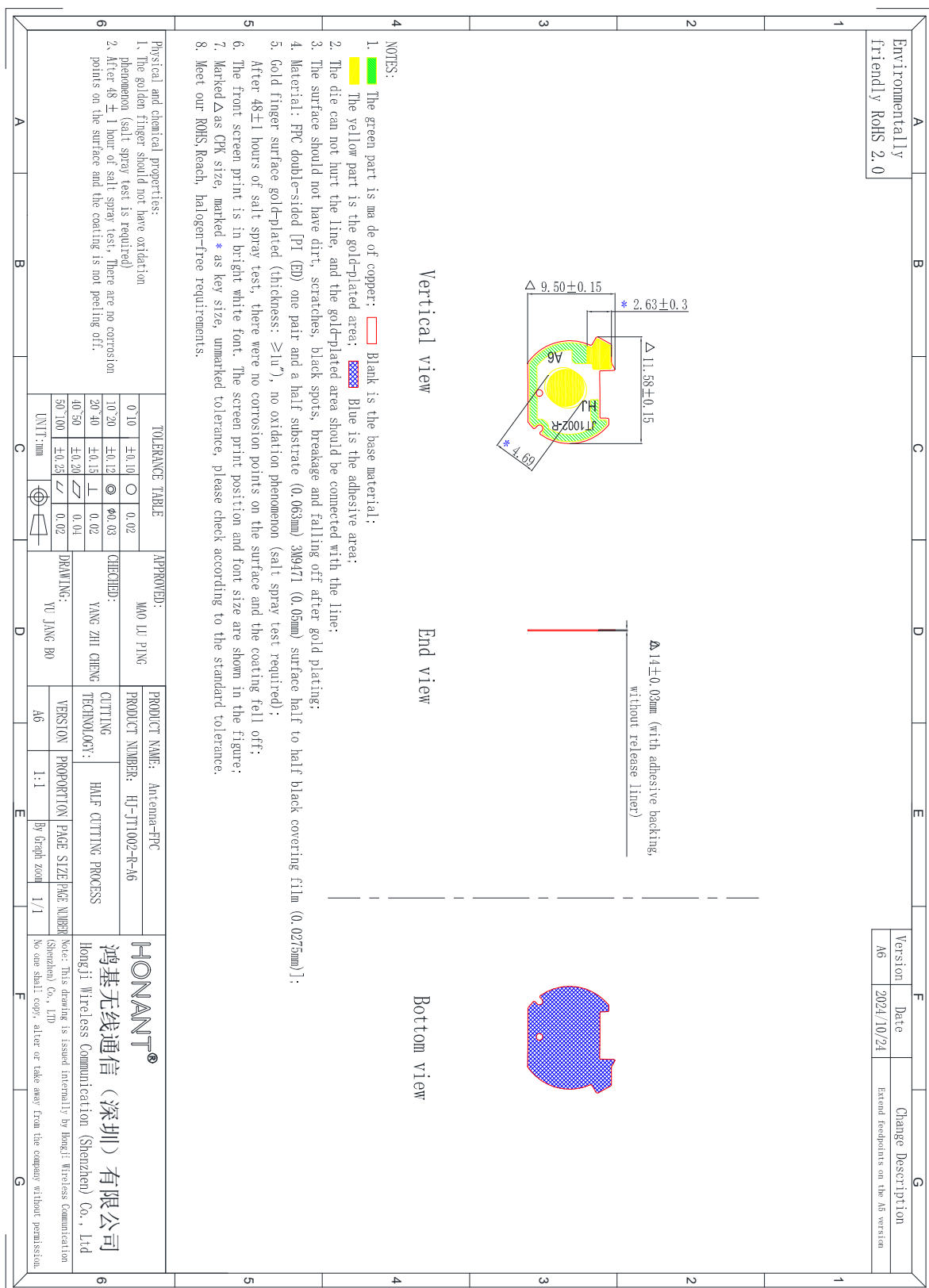
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3: Matching circuit



4: Structural drawing



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