

Antenna Sample Datasheet

entry name:	CT02-L
Material category:	BT antenna
Antenna Material	FPC
edition:	A12
Date:	2025. 2. 18

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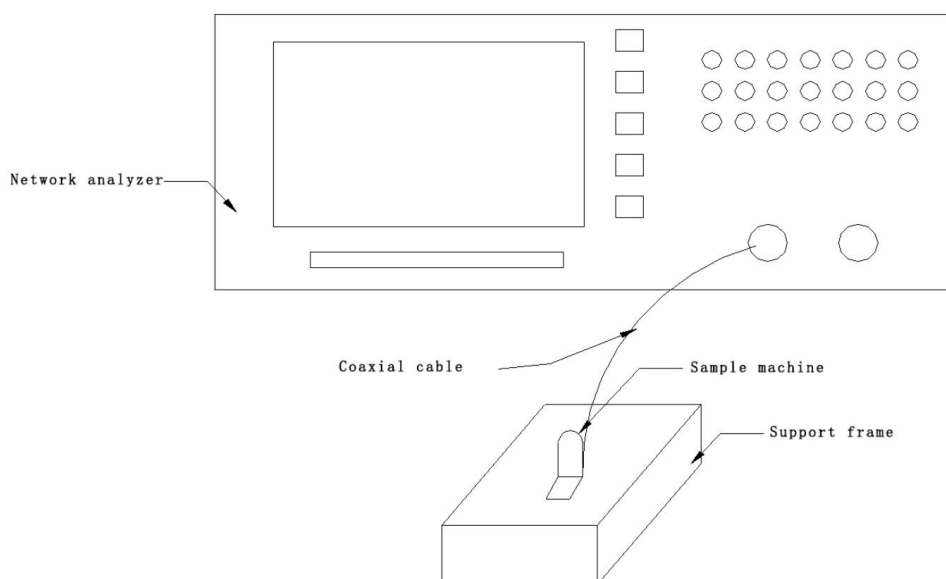
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1: Antenna test equipment

List of meters: Agilent 5071B;

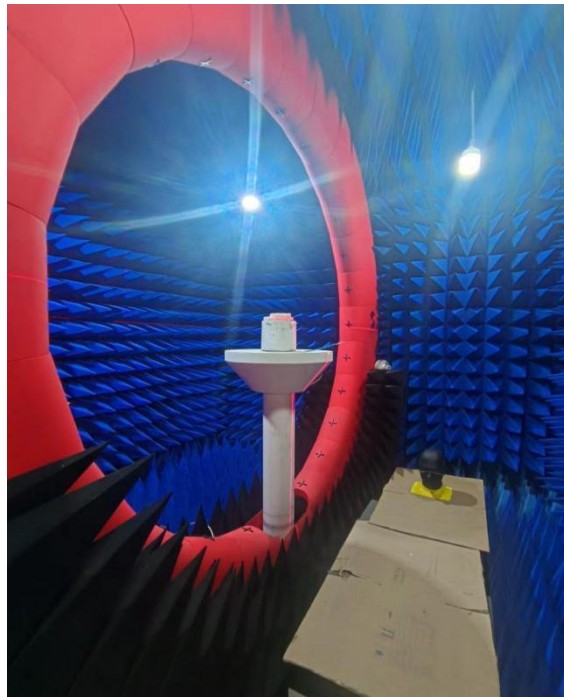


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

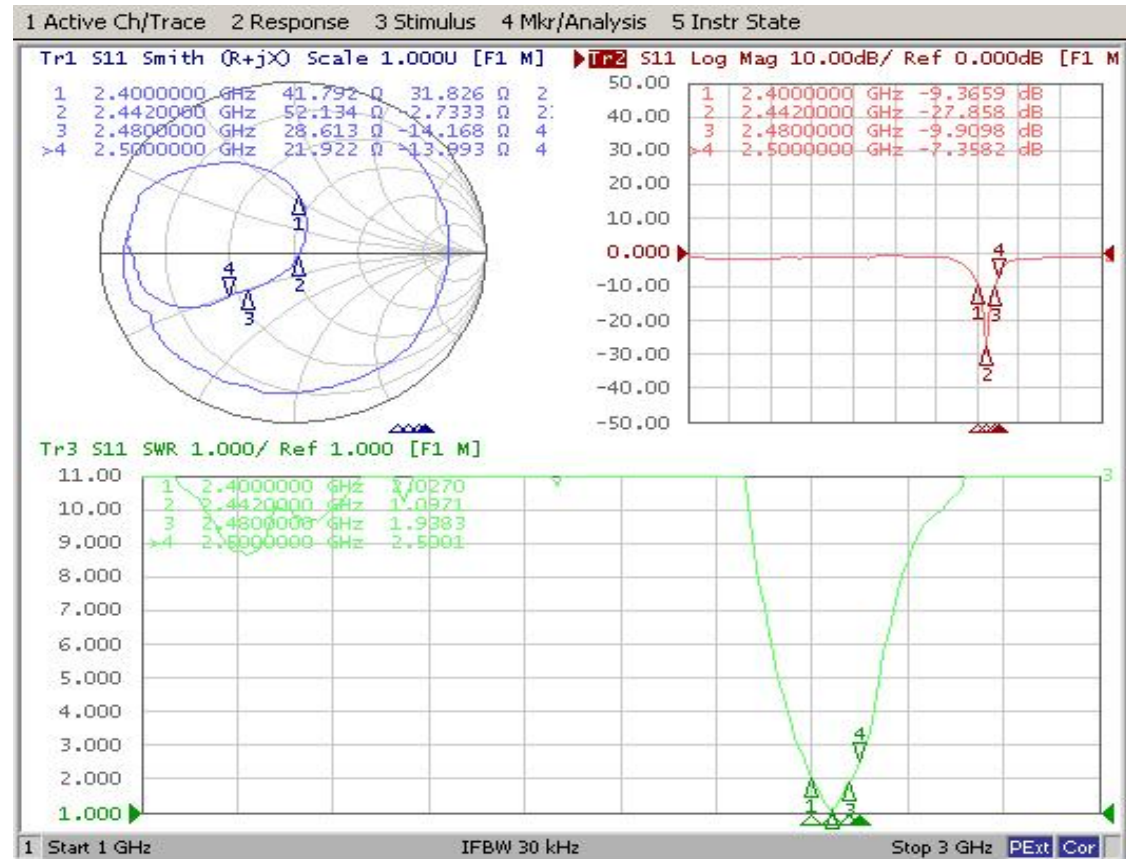
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2: Passive test report

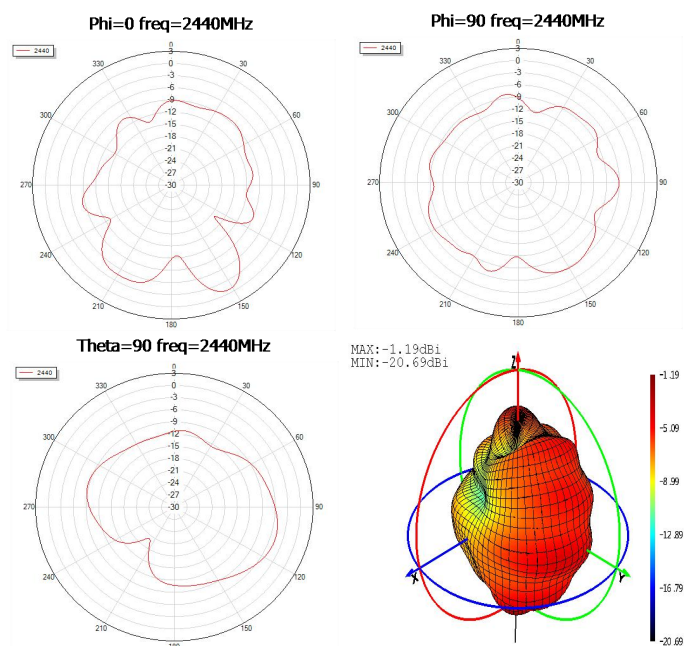
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-1.07	13.81
2410	-1.14	13.12
2420	-1.08	13.04
2430	-1.11	13.03
2440	-1.19	12.69
2450	-0.83	14.18
2460	-0.67	15.16
2470	-0.6	15.86
2480	-0.55	16.42
Mean value	-0.92	14.15

2.3: Passive pattern of BT antenna

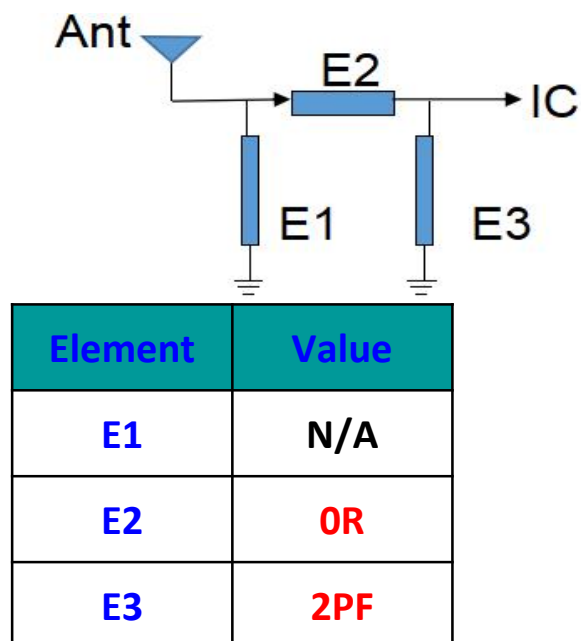


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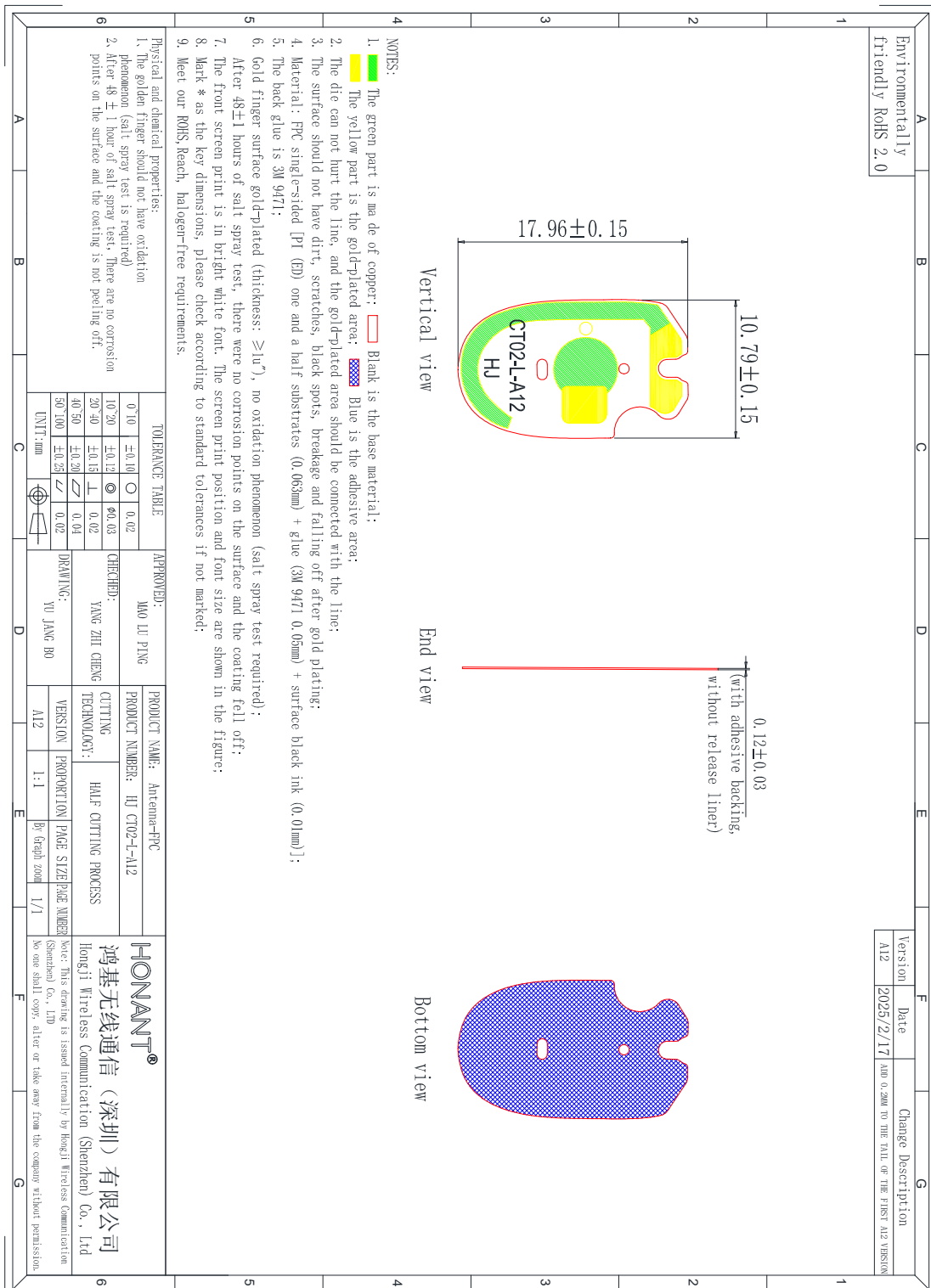
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3: Matching circuit



4: Structural drawing



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