

Antenna Sample Datasheet

entry name:	YJ01
Material category:	WIFI antenna
Antenna Material	FPC
edition:	A1
Date:	2026. 6. 30

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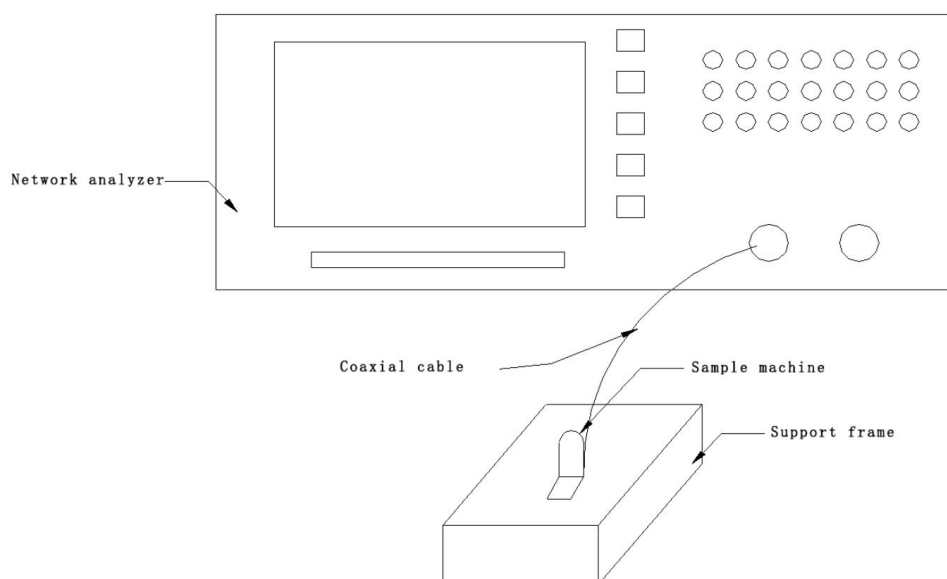
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1: Antenna test equipment

List of meters: Agilent 5071B;

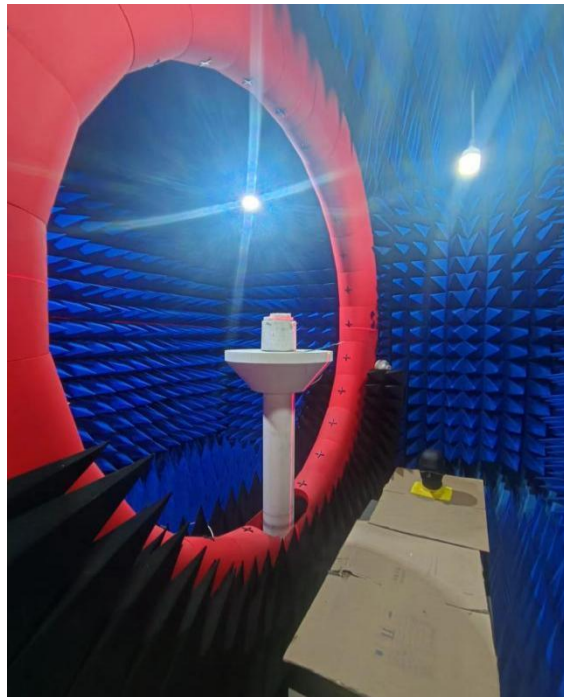


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

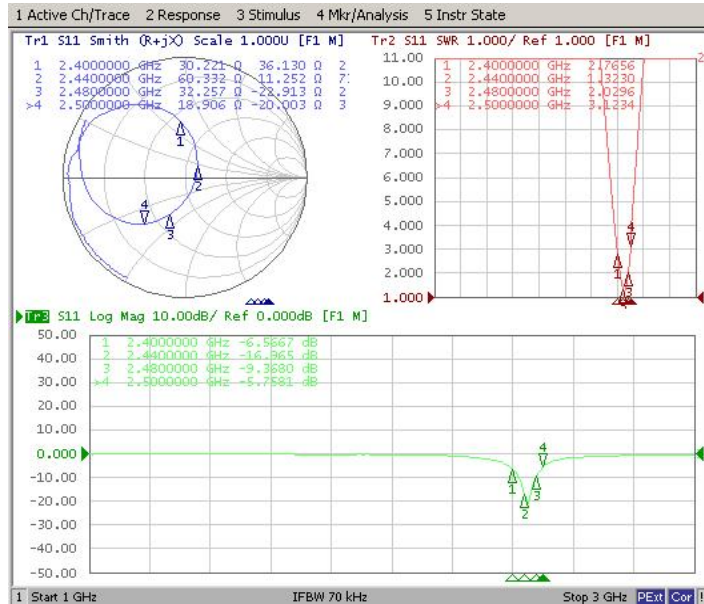
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2: Passive test report

2.1: BT antenna S11 parameters



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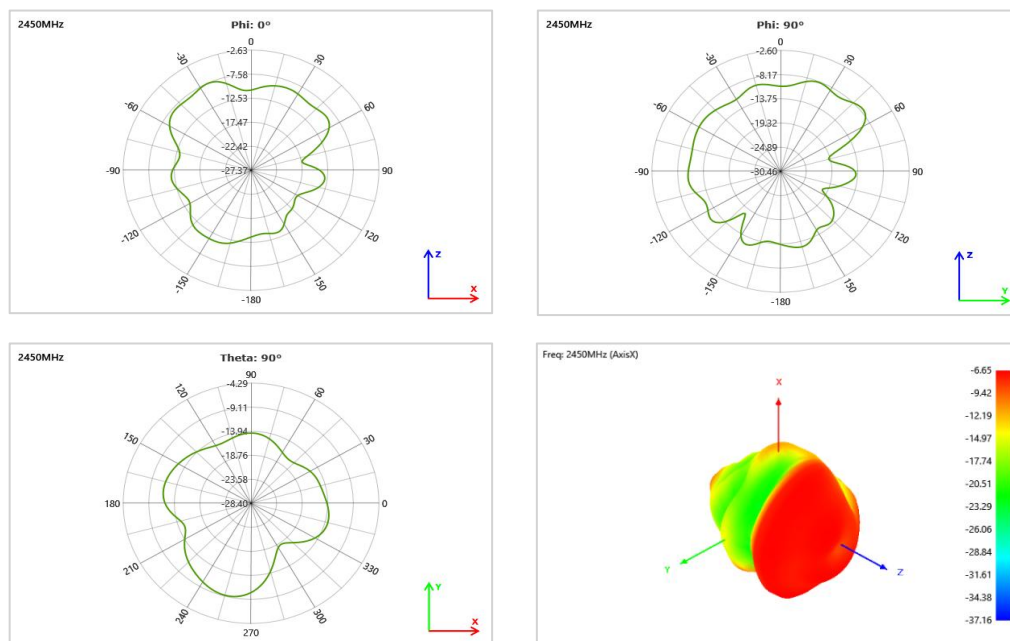
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2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-7.89	9.13
2410	-7.12	10.59
2420	-7.06	10.71
2430	-6.85	11.16
2440	-6.79	12.64
2450	-6.65	13.16
2460	-6.92	11.47
2470	-7.15	10.32
2480	-7.75	9.1
Mean value	-7.13	10.92

2.3: Passive pattern of BT antenna

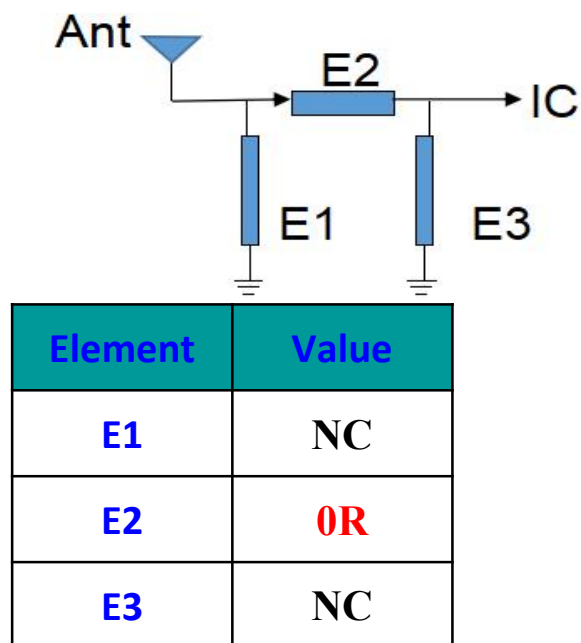


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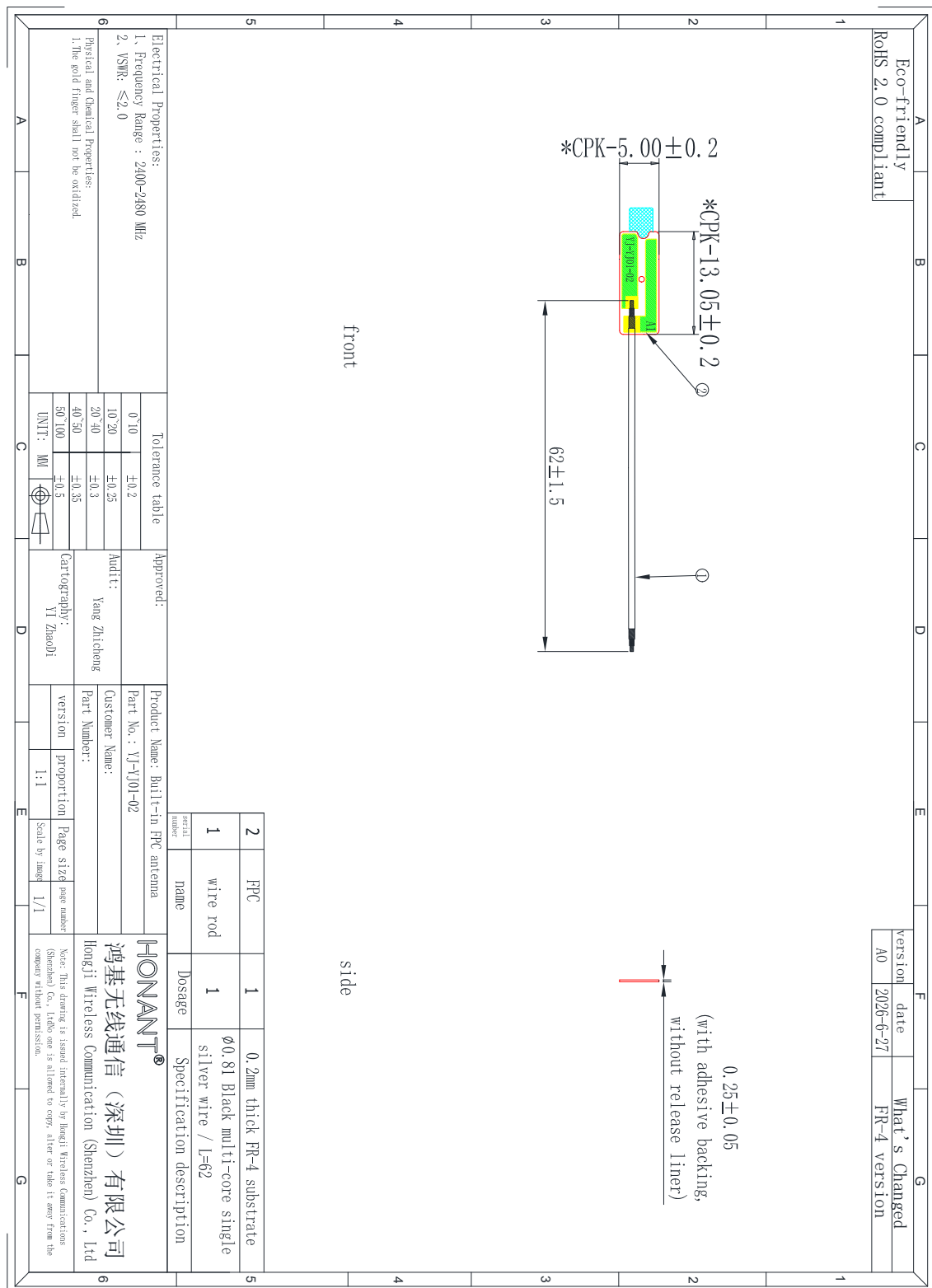
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3: Matching circuit



4: Structural drawing



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