

Antenna Sample Datasheet

entry name:	B0905-R
Material category:	BT antenna
Antenna Material	FPC
edition:	A5
Date:	2026. 3. 27

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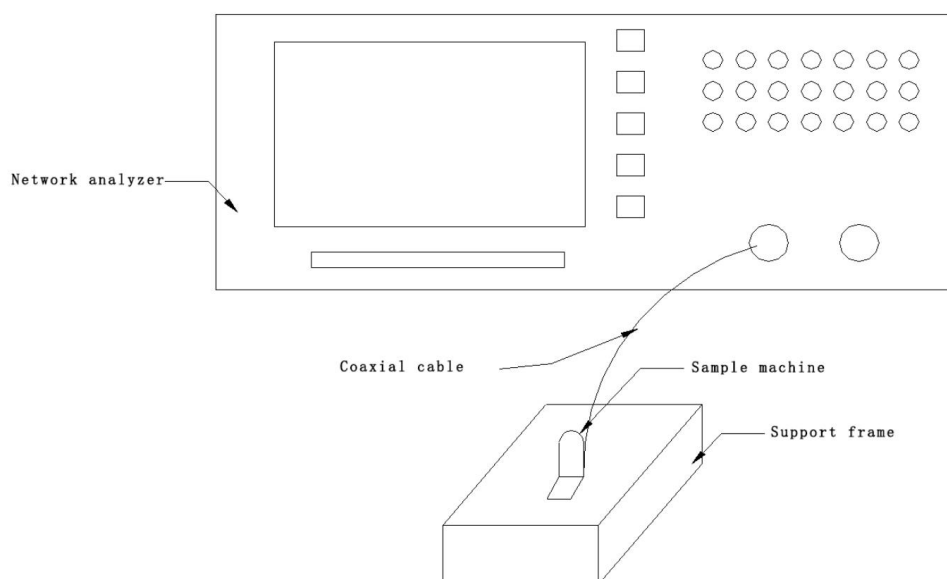
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1: Antenna test equipment

List of meters: Agilent 5071B;

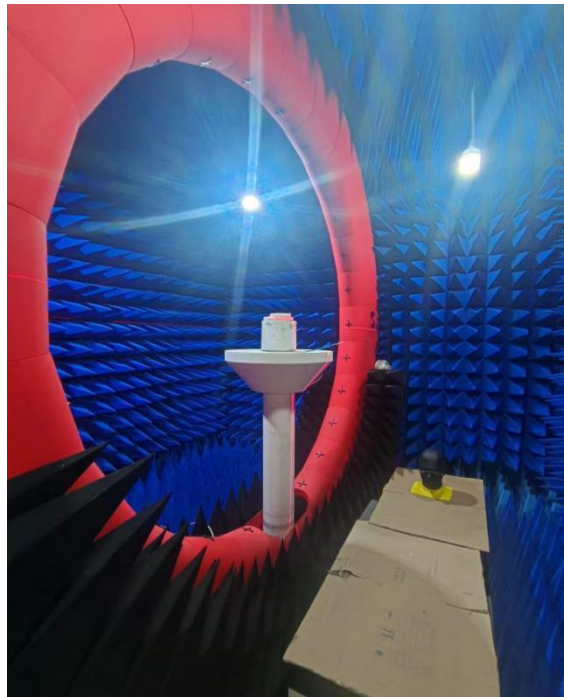


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

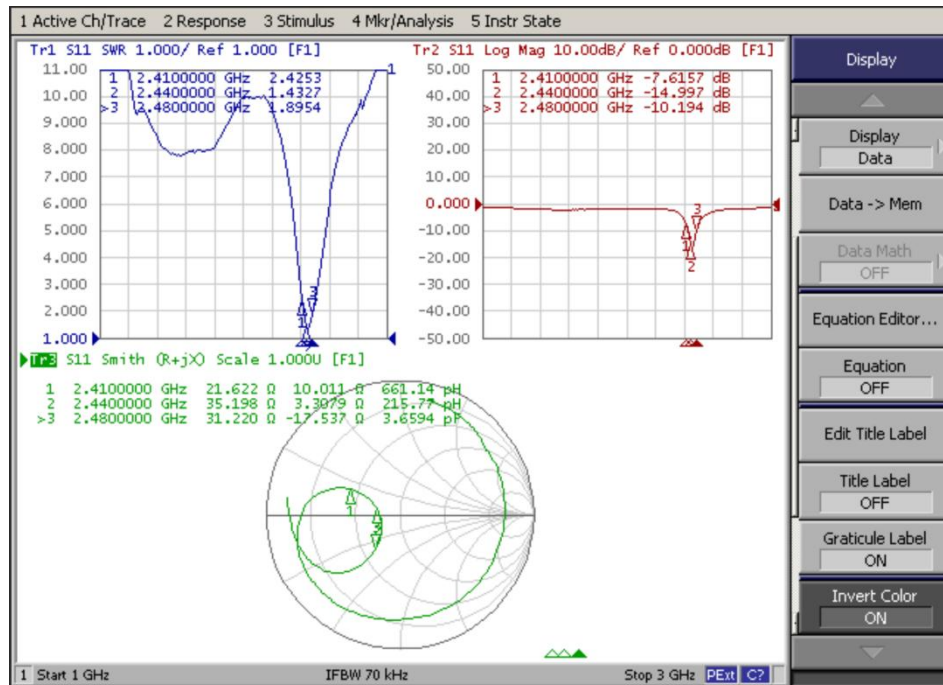
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2: Passive test report

2.1: BT antenna S11 parameters



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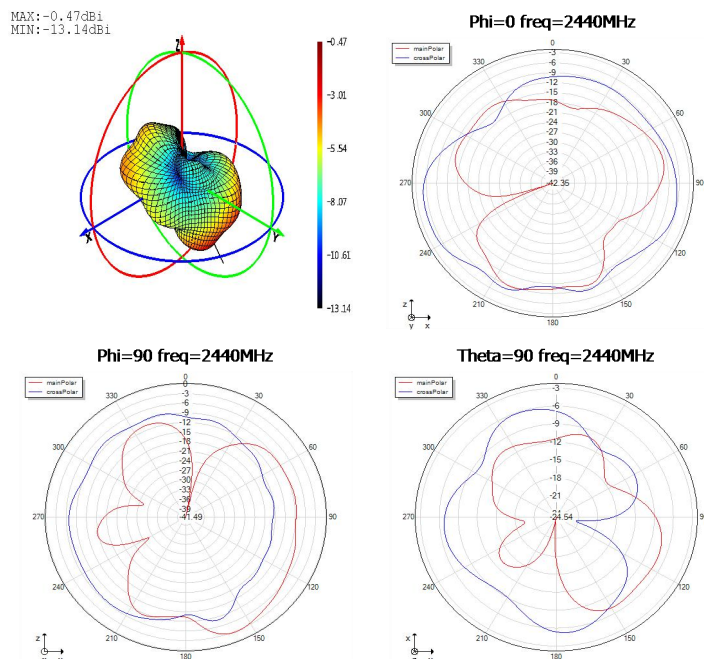
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2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-1.67	19.91
2410	-1.54	20.67
2420	-1.20	21.84
2430	-0.74	22.54
2440	-0.47	23.33
2450	-0.53	22.23
2460	0.66	23.56
2470	-0.72	23.43
2480	-0.73	20.55
Mean value	-0.77	22.01

2.3: Passive pattern of BT antenna

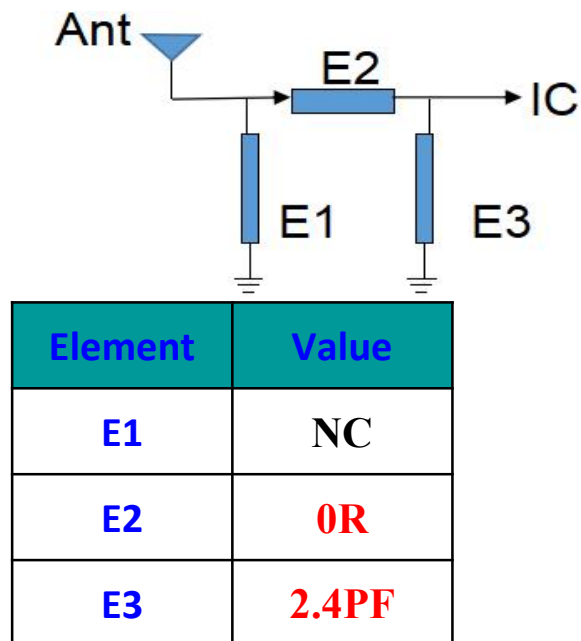


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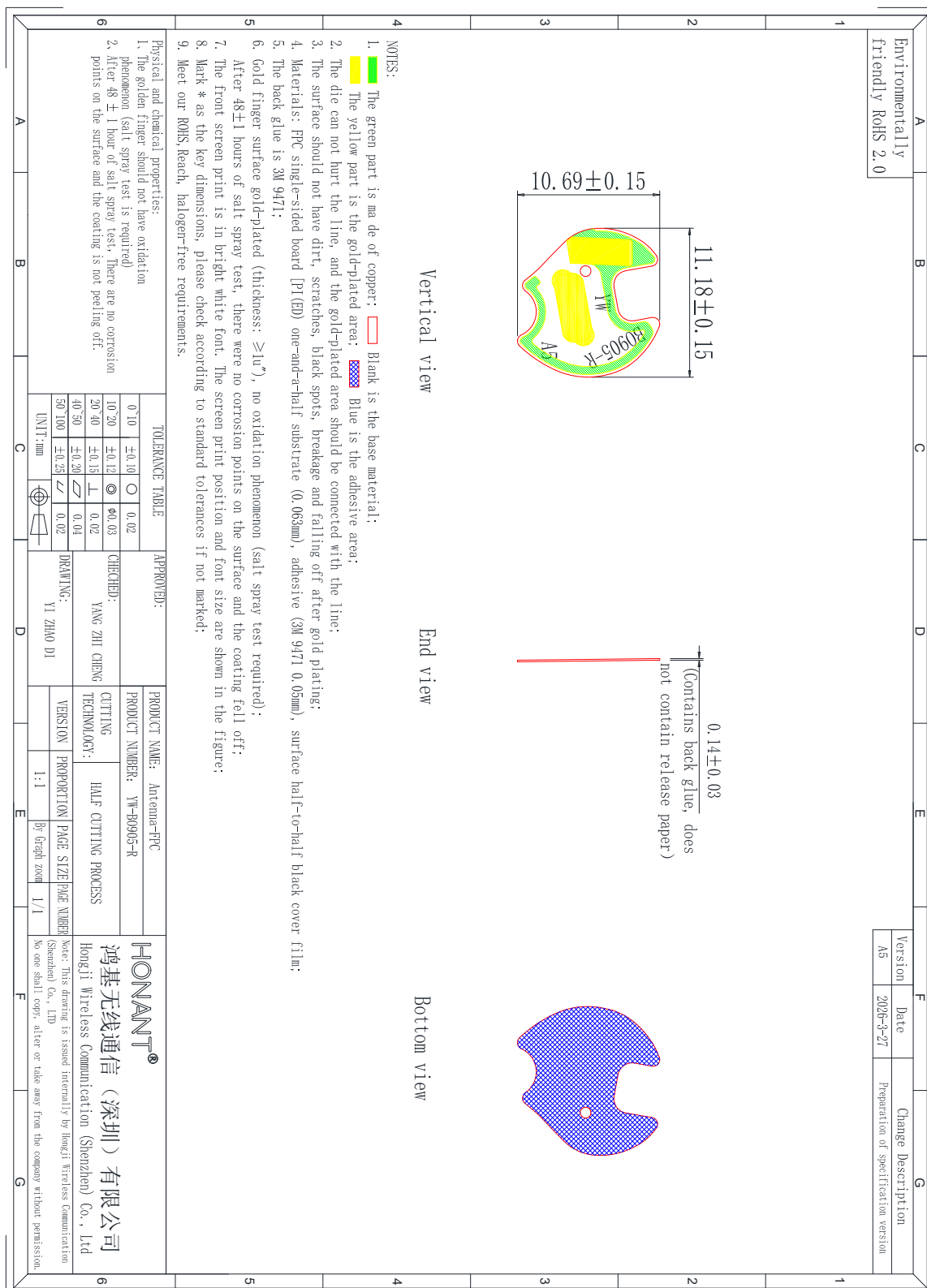
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3: Matching circuit



4: Structural drawing



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