

Antenna Sample Datasheet

entry name:	B06-2-L
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A0
Date:	2024. 07. 17

Contents

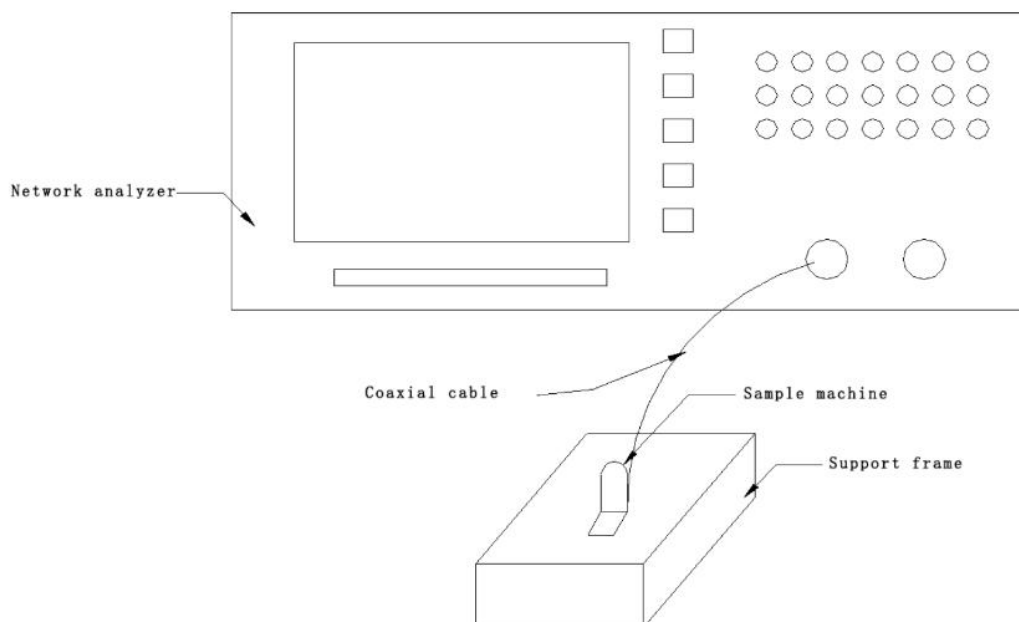
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1: Antenna test equipment

List of meters: Agilent 5071B;

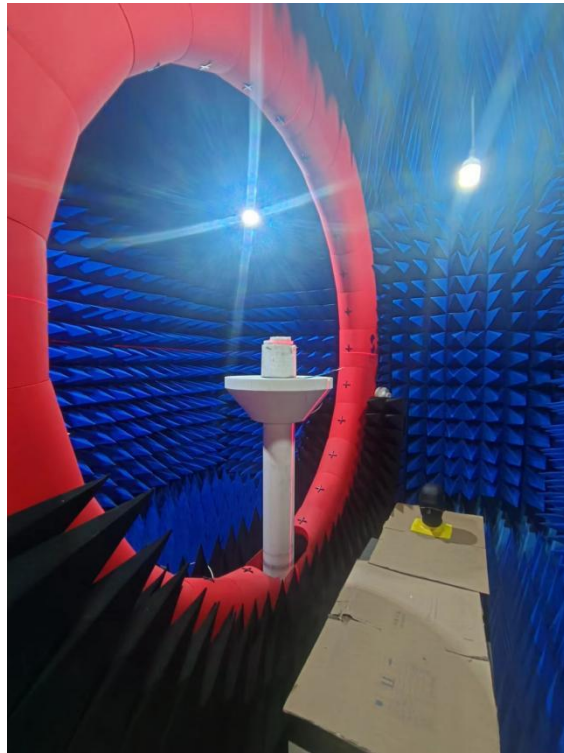


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber

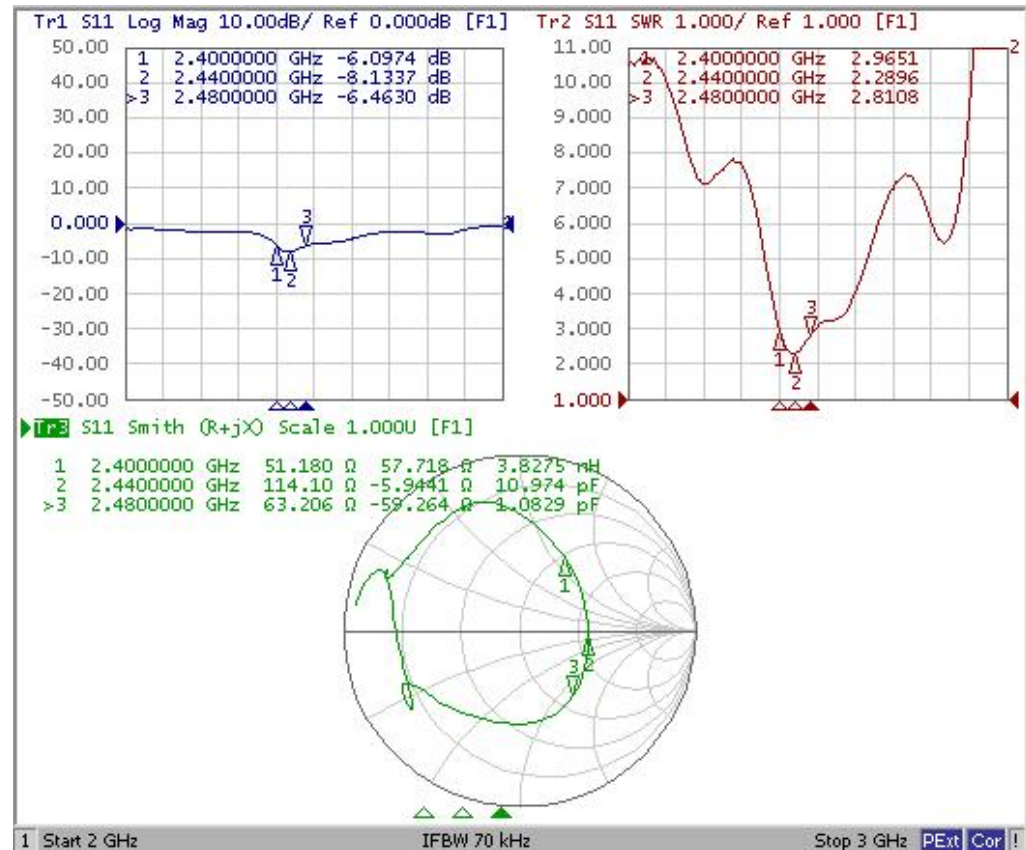


Inside the ETS anechoic chamber



2: Passive test report

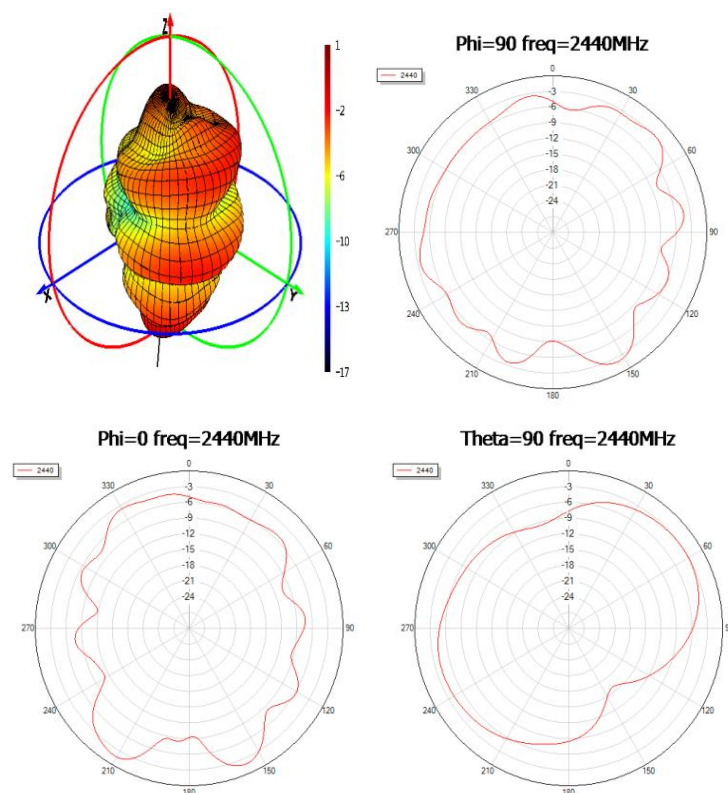
2.1: BT antenna S11 parameters



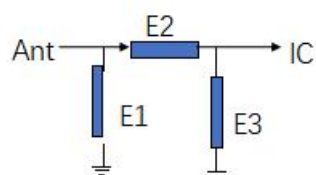
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-0.69	19.89
2410	-0.44	20.65
2420	-0.62	20.47
2430	-0.35	21.78
2440	0.15	22.95
2450	-0.22	21.63
2460	-0.41	21.44
2470	-0.74	20.28
2480	-0.62	20.42

2.3: Passive pattern of BT antenna

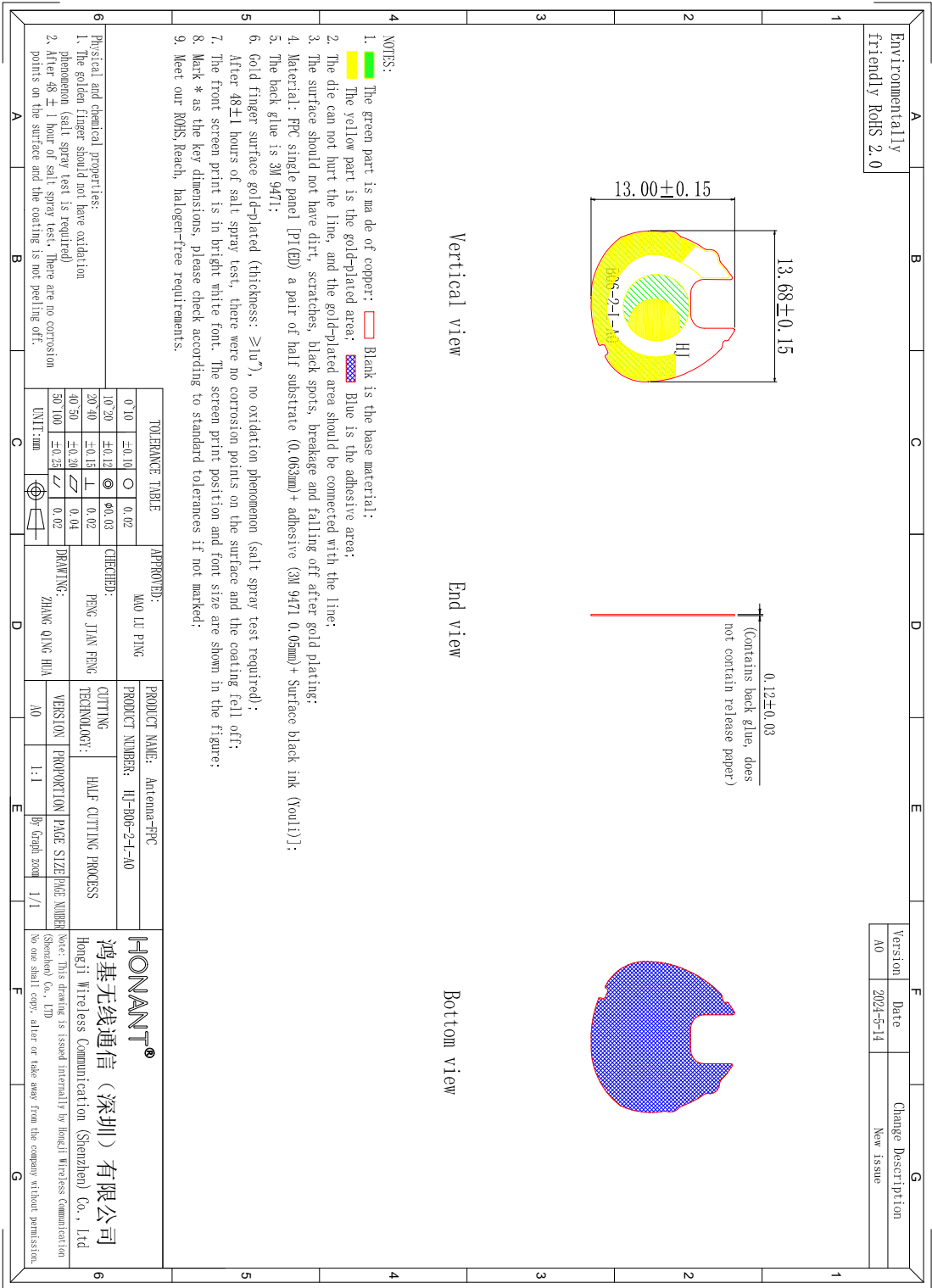


3: Matching circuit



Element	Value
E1	1.5pF
E2	OR
E3	N/A

4: Structural drawing



5: Antenna diagram

