

Antenna Sample Datasheet

entry name:	SSBT30
Material category:	BT antenna
Antenna Material	FPC
Antenna type	PIFA
Date:	2025. 07. 02

Contents

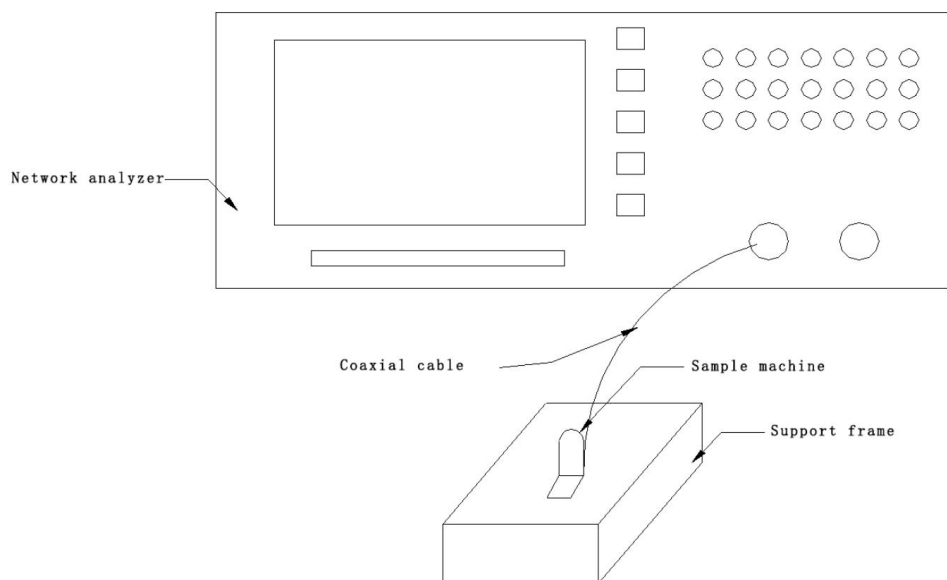
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1: Antenna test equipment

List of meters: Agilent 5071B;



1.1 The principle diagram of the ETS anechoic chamber



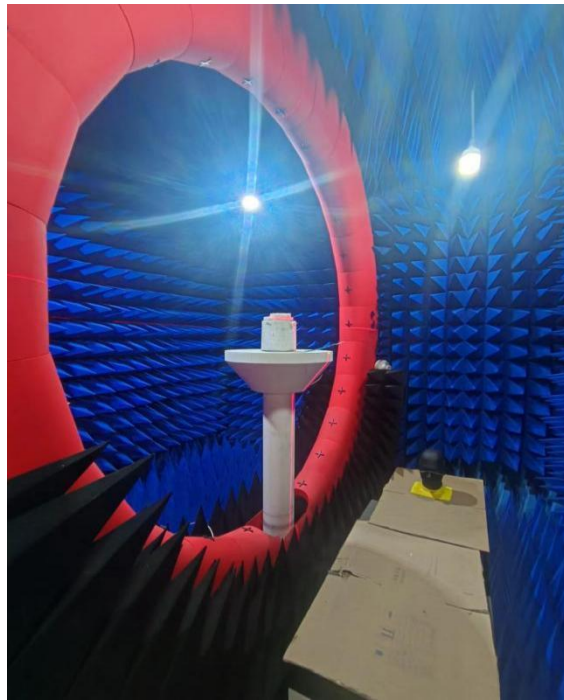
Picture1. Antenna static test connection method

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1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

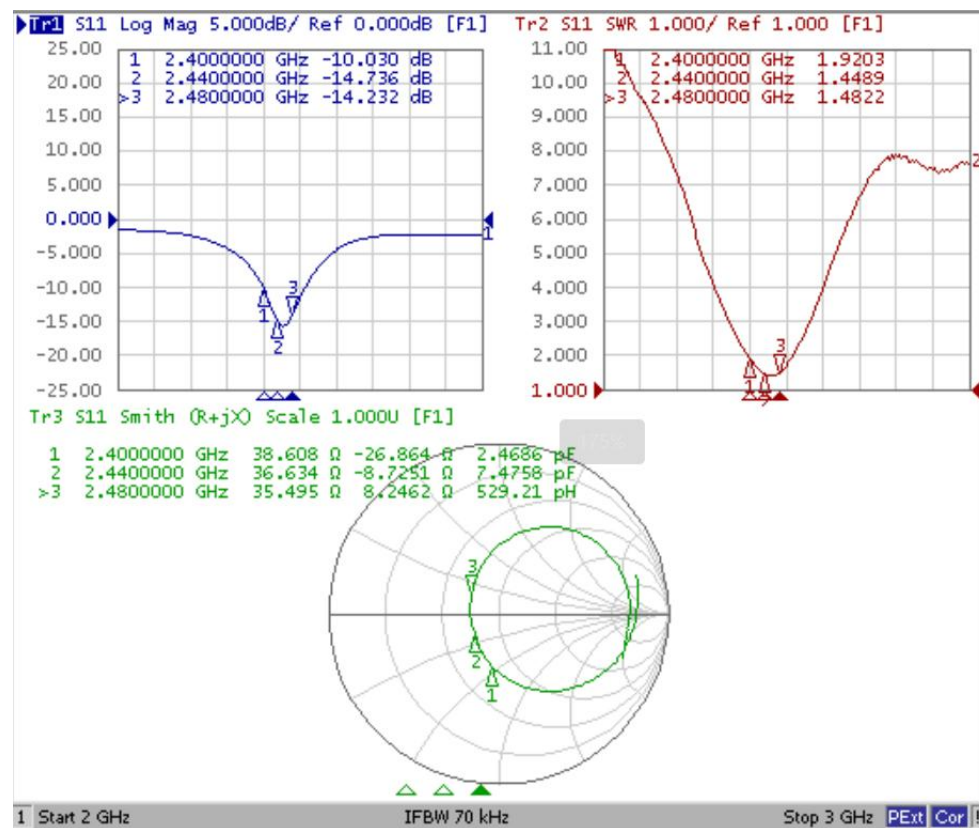
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2: Passive test report

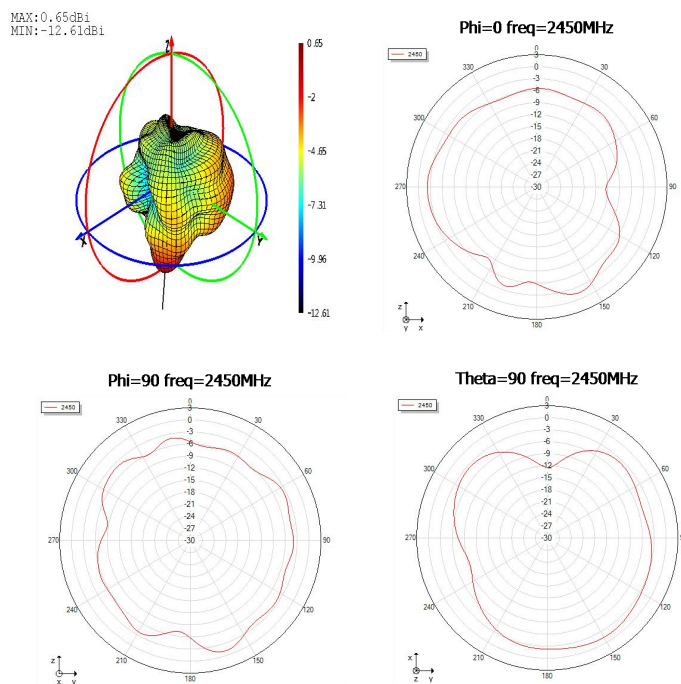
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq (MHz)	Gain(dBi)	Efficiency(%)
2400	0.03	30.45
2410	0.15	33.91
2420	0.21	34.86
2430	0.47	35.36
2440	0.62	36.43
2450	0.65	37.64
2460	0.56	36.69
2470	0.44	35.03
2480	0.32	33.64
2490	0.29	32.52
2500	0.12	31.08

2.3: Passive pattern of BT antenna

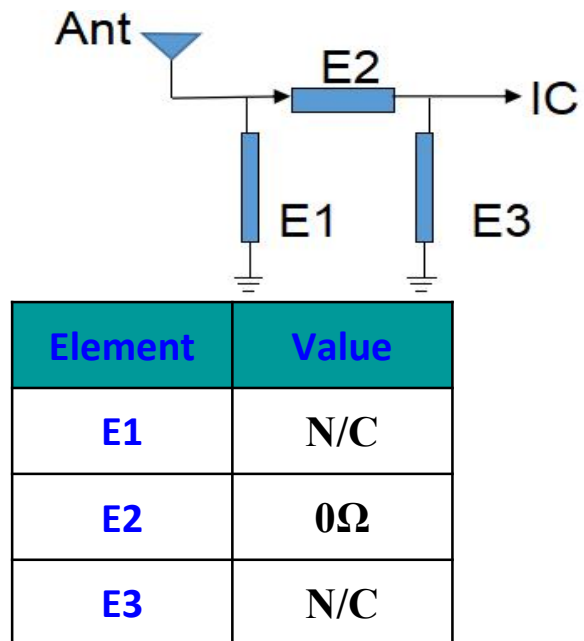


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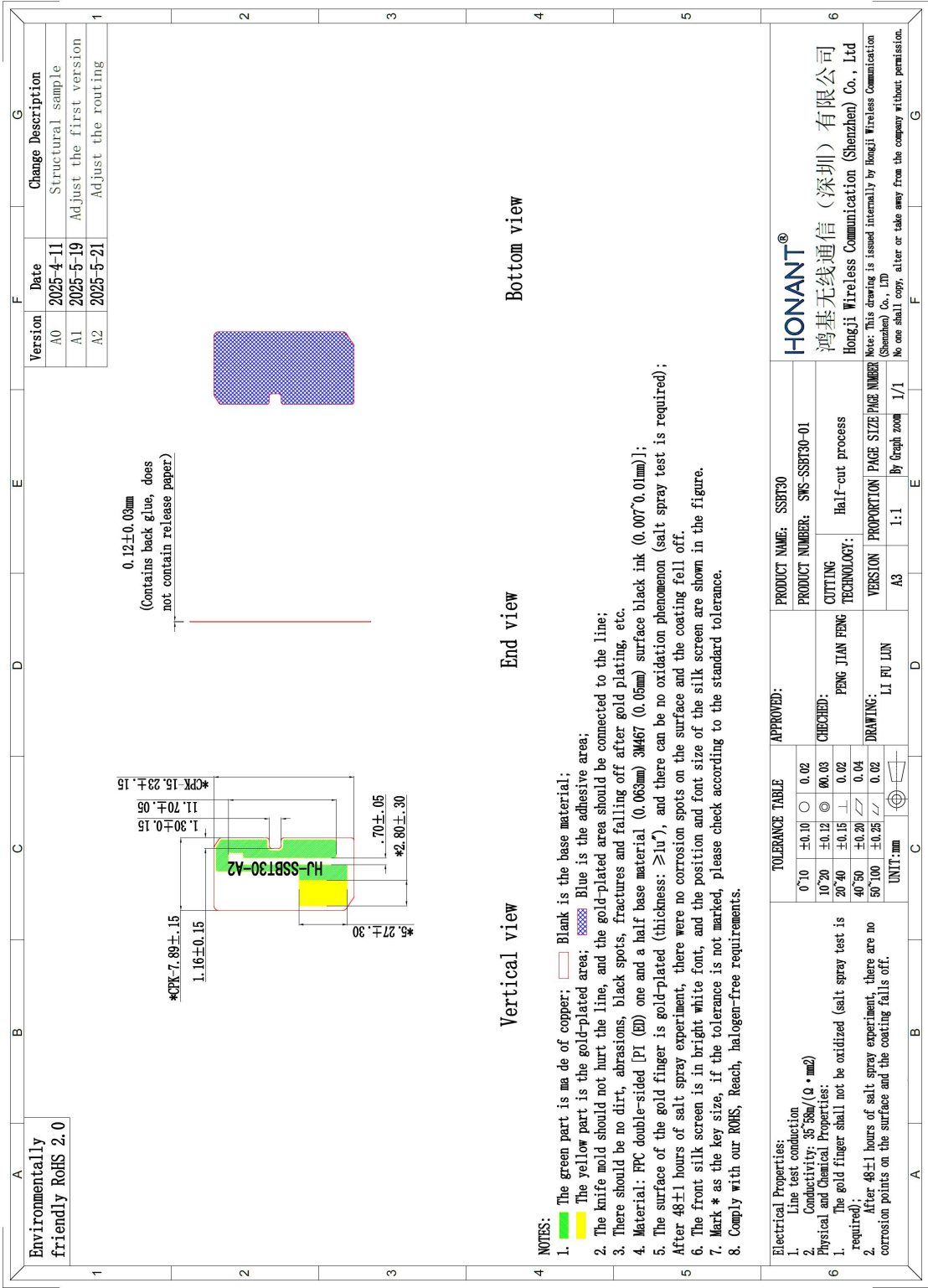
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3: Matching circuit



4: Structural drawing



5: Antenna diagram

