

Antenna Sample Datasheet

entry name:	BC1-L
Material category:	BT antenna
Antenna Material	FPC
Date:	2025. 11. 26

Contents

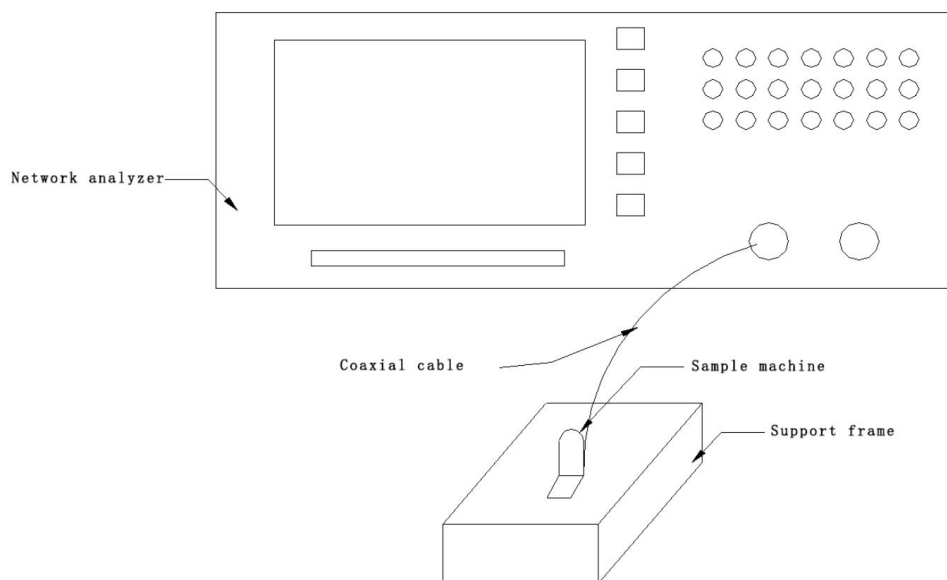
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1: Antenna test equipment

List of meters: Agilent 5071B;



1.1 The principle diagram of the ETS anechoic chamber



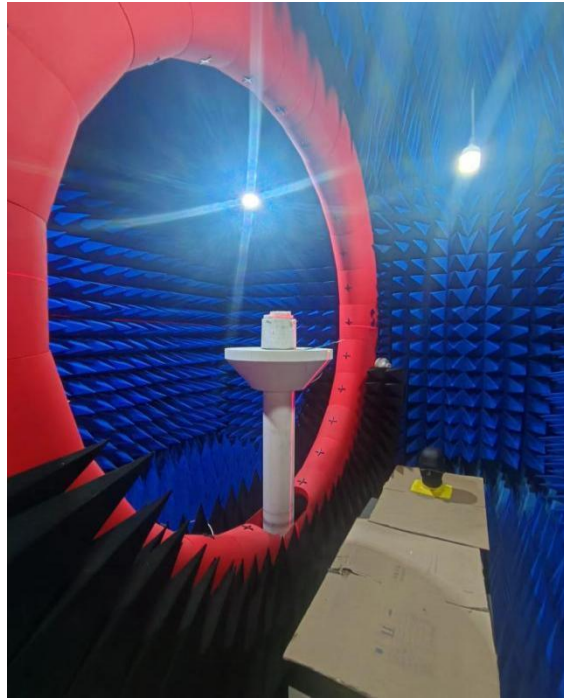
Picture1. Antenna static test connection method

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1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



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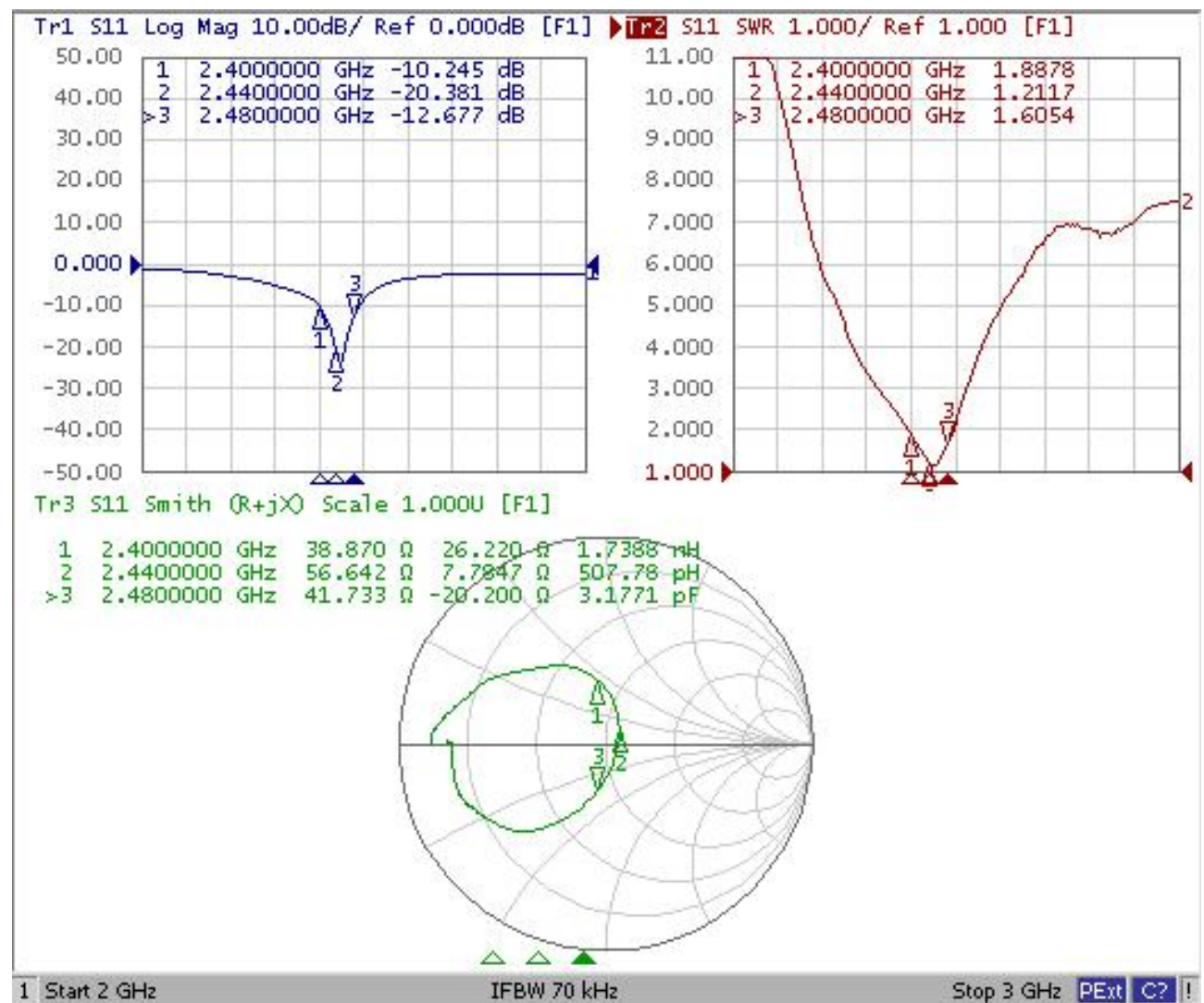
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Test Machine

2: Passive test report

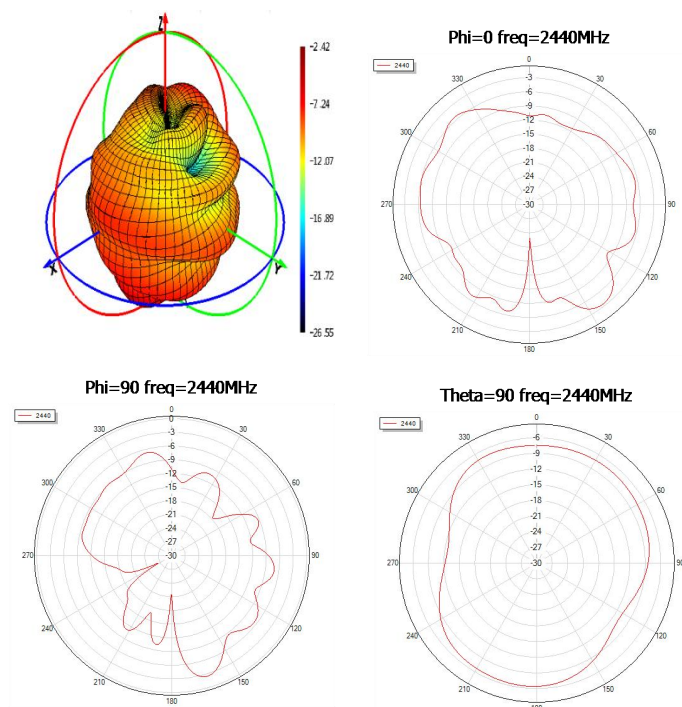
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq (MHz)	Gain(dBi)	Efficiency(%)
2400	-3.52	14.78
2410	-3.16	15.08
2420	-2.9	15.47
2430	-2.74	15.89
2440	-2.42	15.37
2450	-2.88	16.22
2460	-2.96	16.78
2470	-2.74	16.08
2480	-2.51	15.47

2.3: Passive pattern of BT antenna

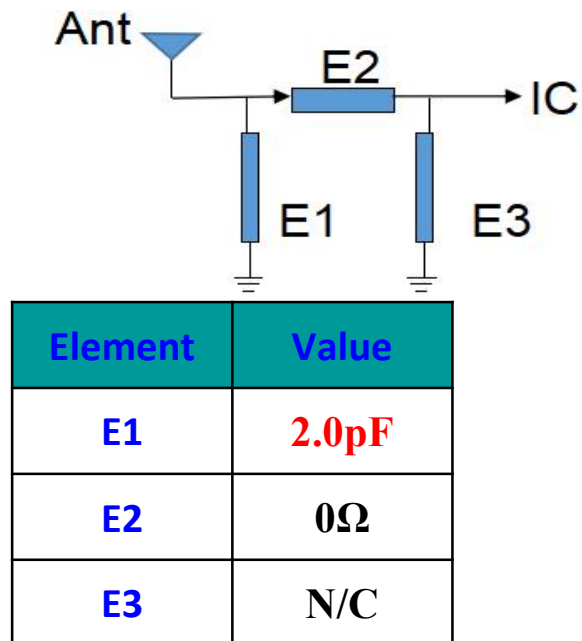


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3: Matching circuit



4: Structural drawing

