

Antenna Sample Datasheet

entry name:	PM181-R
Material category:	BT antenna
Antenna Material	FPC
Date:	2025. 11. 24

Contents

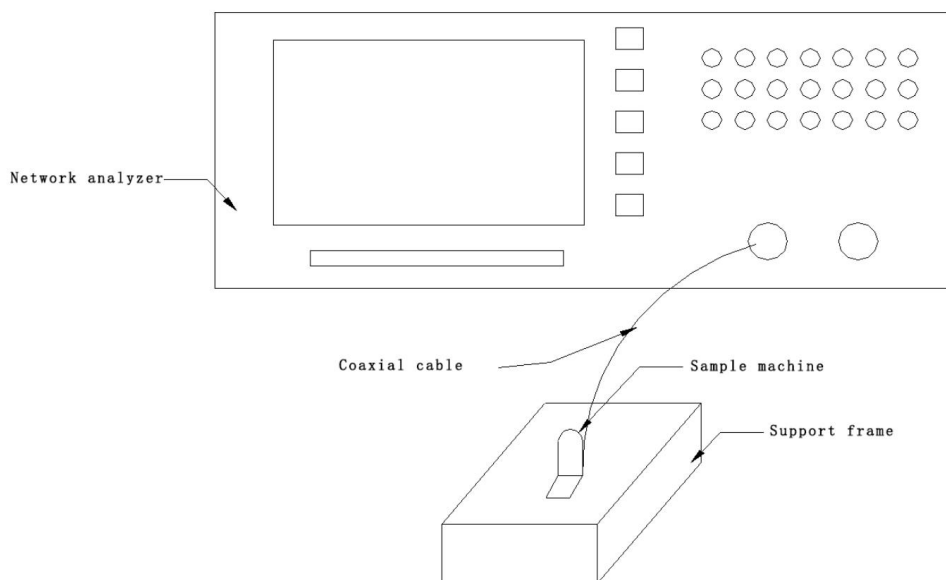
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1: Antenna test equipment

List of meters: Agilent 5071B;



1.1 The principle diagram of the ETS anechoic chamber



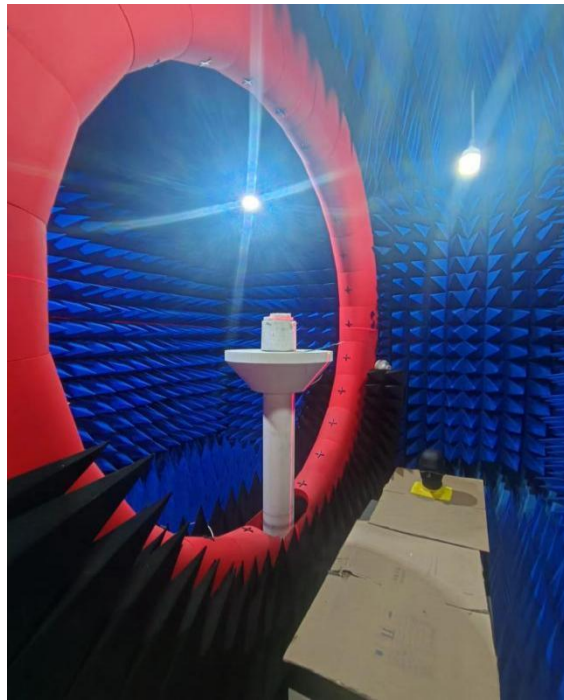
Picture1. Antenna static test connection method

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1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



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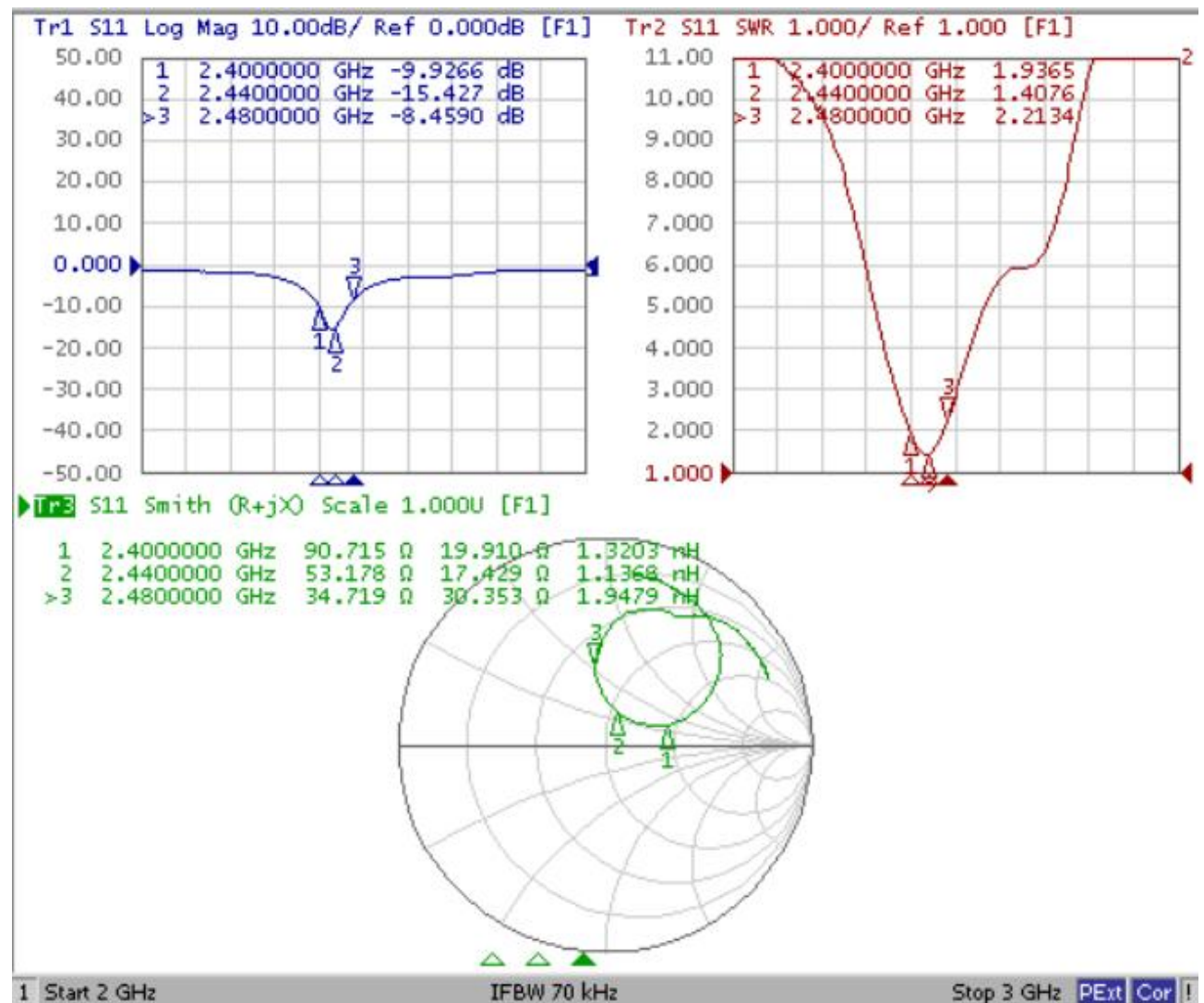
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Test Machine

2: Passive test report

2.1: BT antenna S11 parameters



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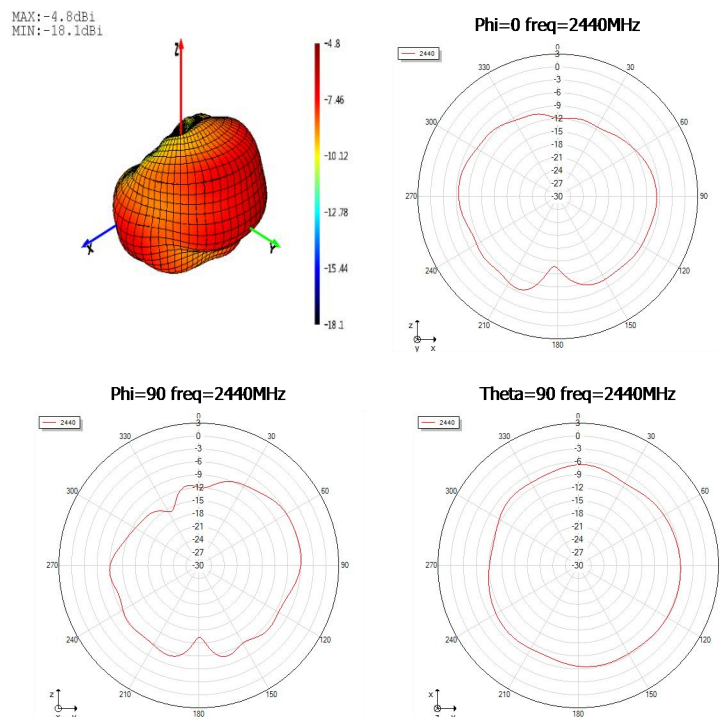
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2.2: Passive efficiency of antenna

Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	-5.85	14.95
2410	-5.54	15.64
2420	-5.32	16.81
2430	-5.02	16.79
2440	-4.8	17.05
2450	-4.45	18
2460	-4.69	16.63
2470	-5.07	15.78
2480	-5.28	15.22

2.3: Passive pattern of BT antenna

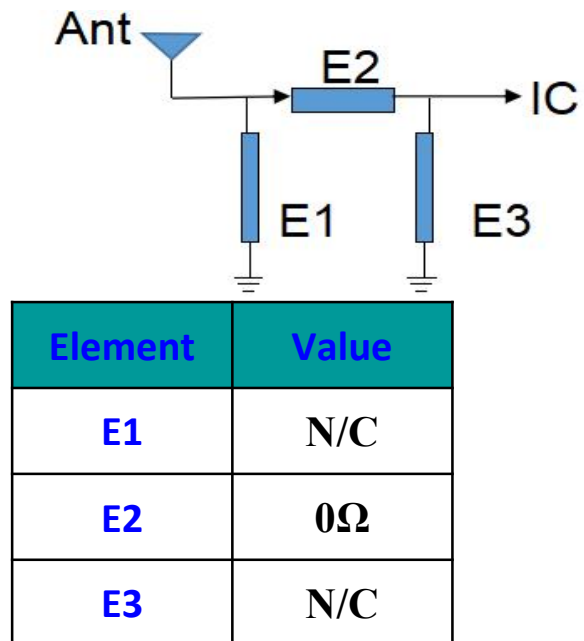


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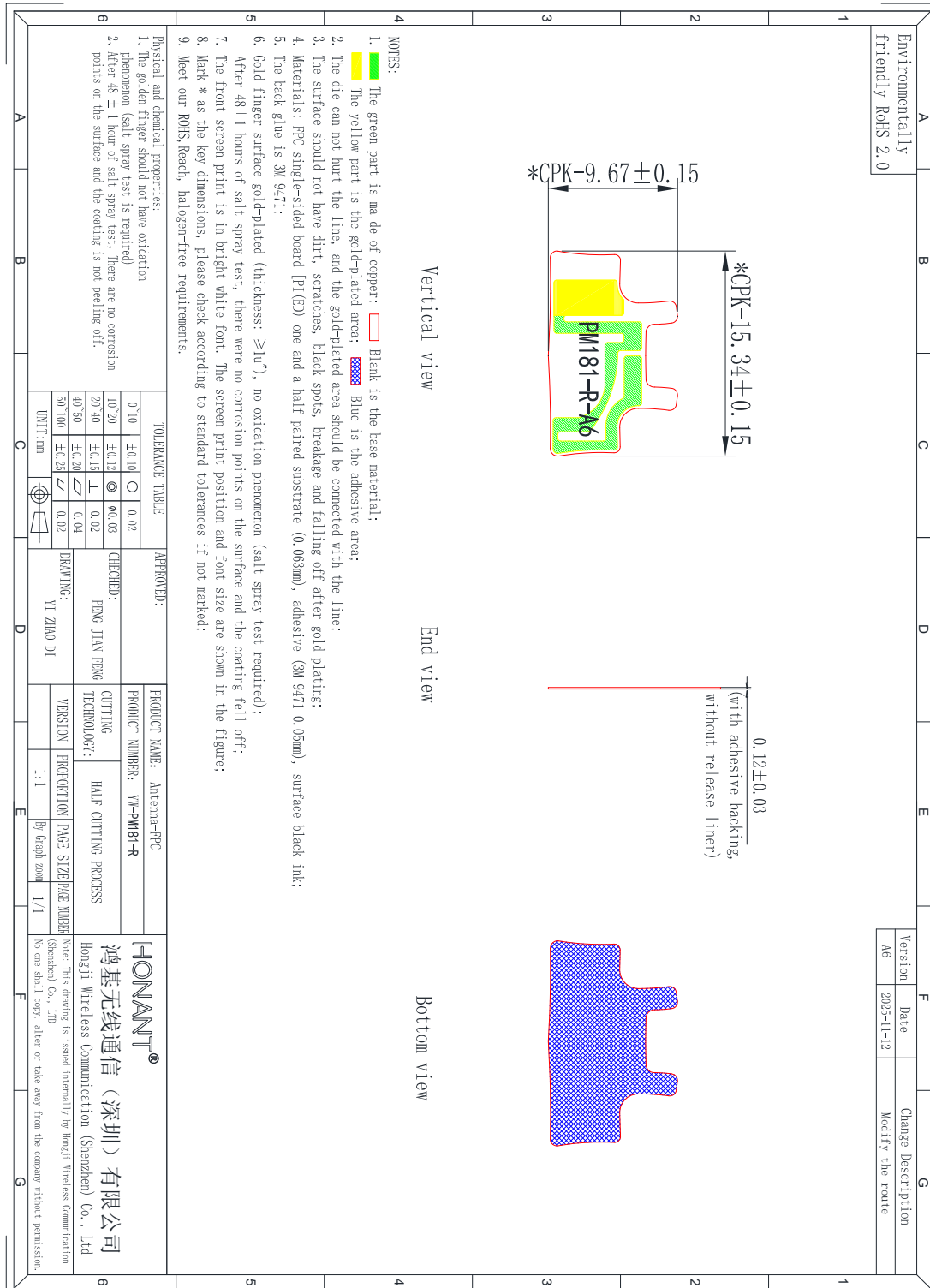
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3: Matching circuit



4: Structural drawing



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