

Antenna Sample Datasheet

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

Contents

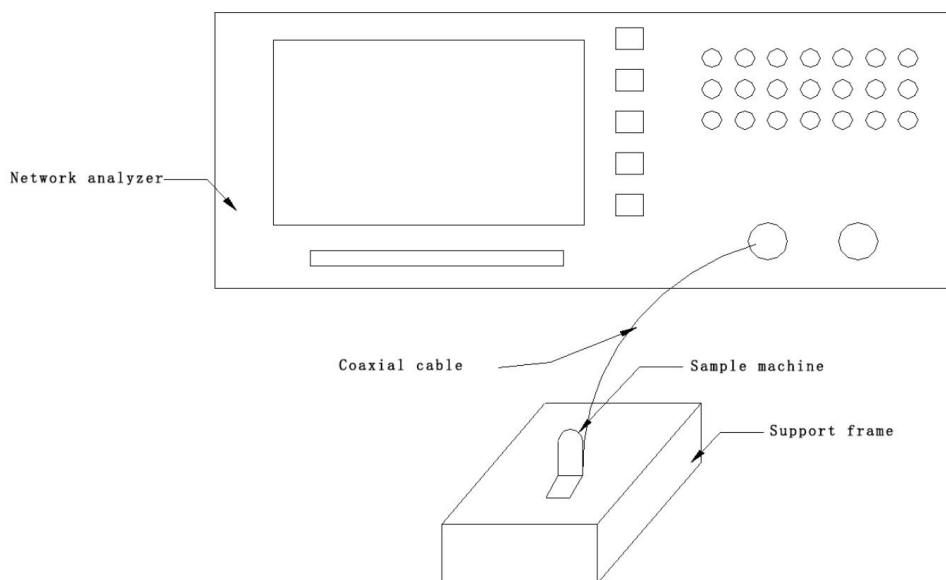
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1: Antenna test equipment

List of meters: Agilent 5071B;



1.1 The principle diagram of the ETS anechoic chamber



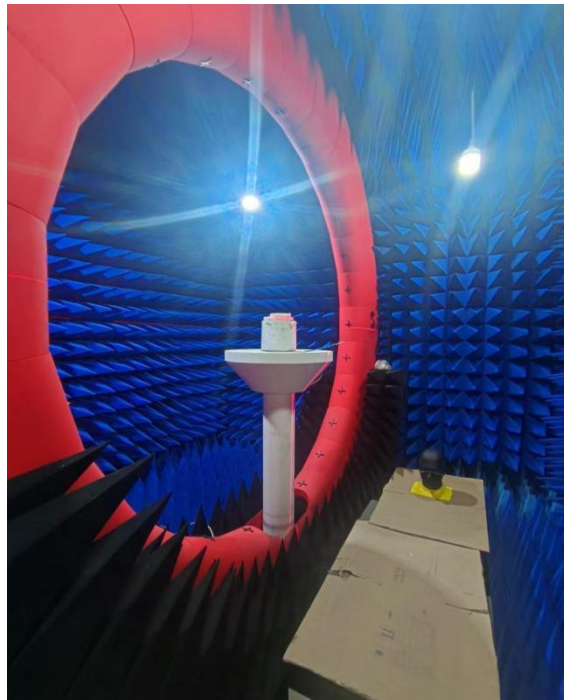
Picture1. Antenna static test connection method

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1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



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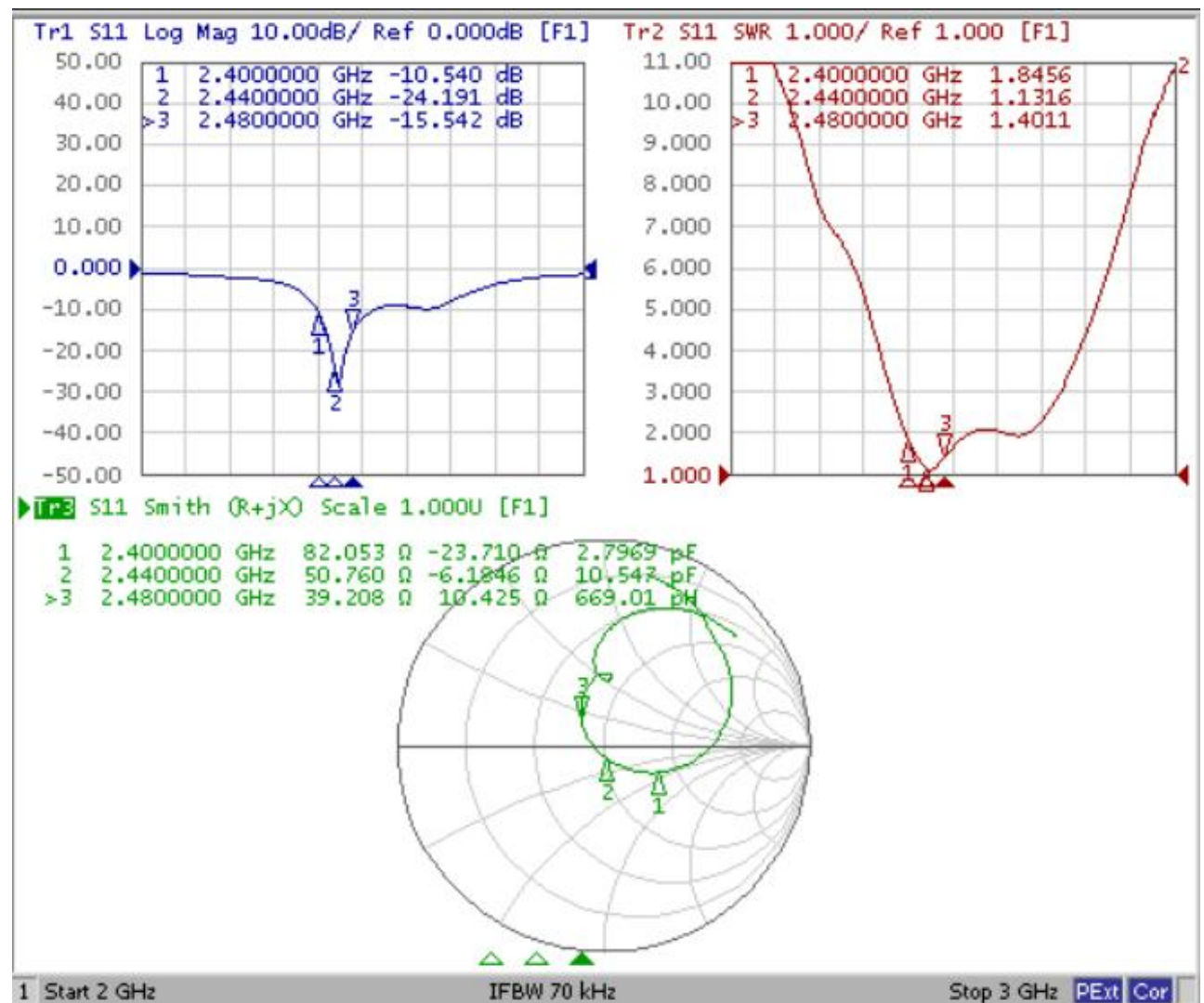
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Test Machine

2: Passive test report

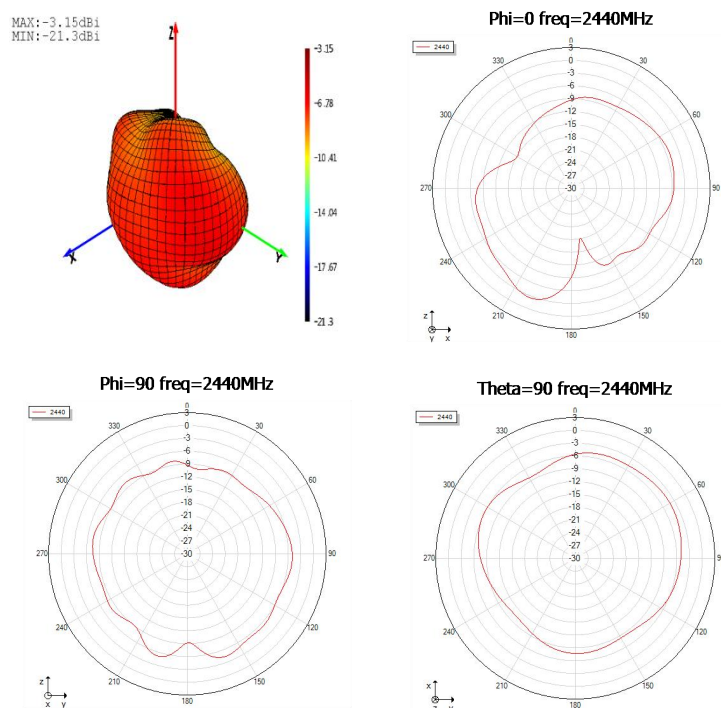
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	-4.45	15.86
2410	-3.71	16.05
2420	-3.15	18.12
2430	-3.79	19.21
2440	-3.15	20.42
2450	-3.3	19.94
2460	-4.04	18.55
2470	-4.86	18.75
2480	-4.97	17.73

2.3: Passive pattern of BT antenna

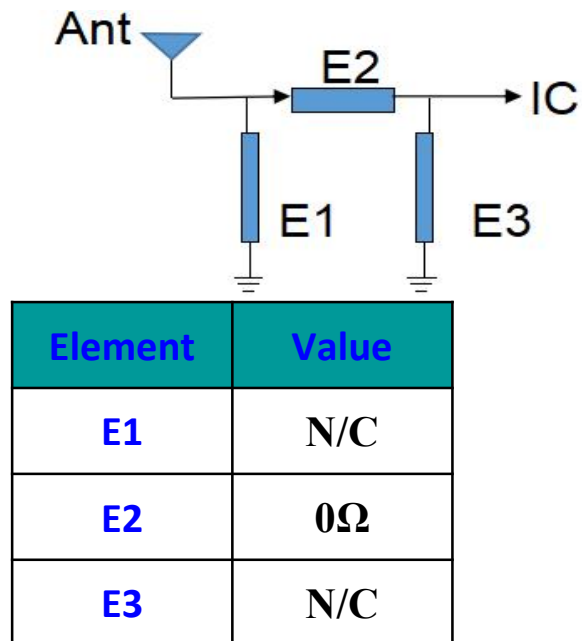


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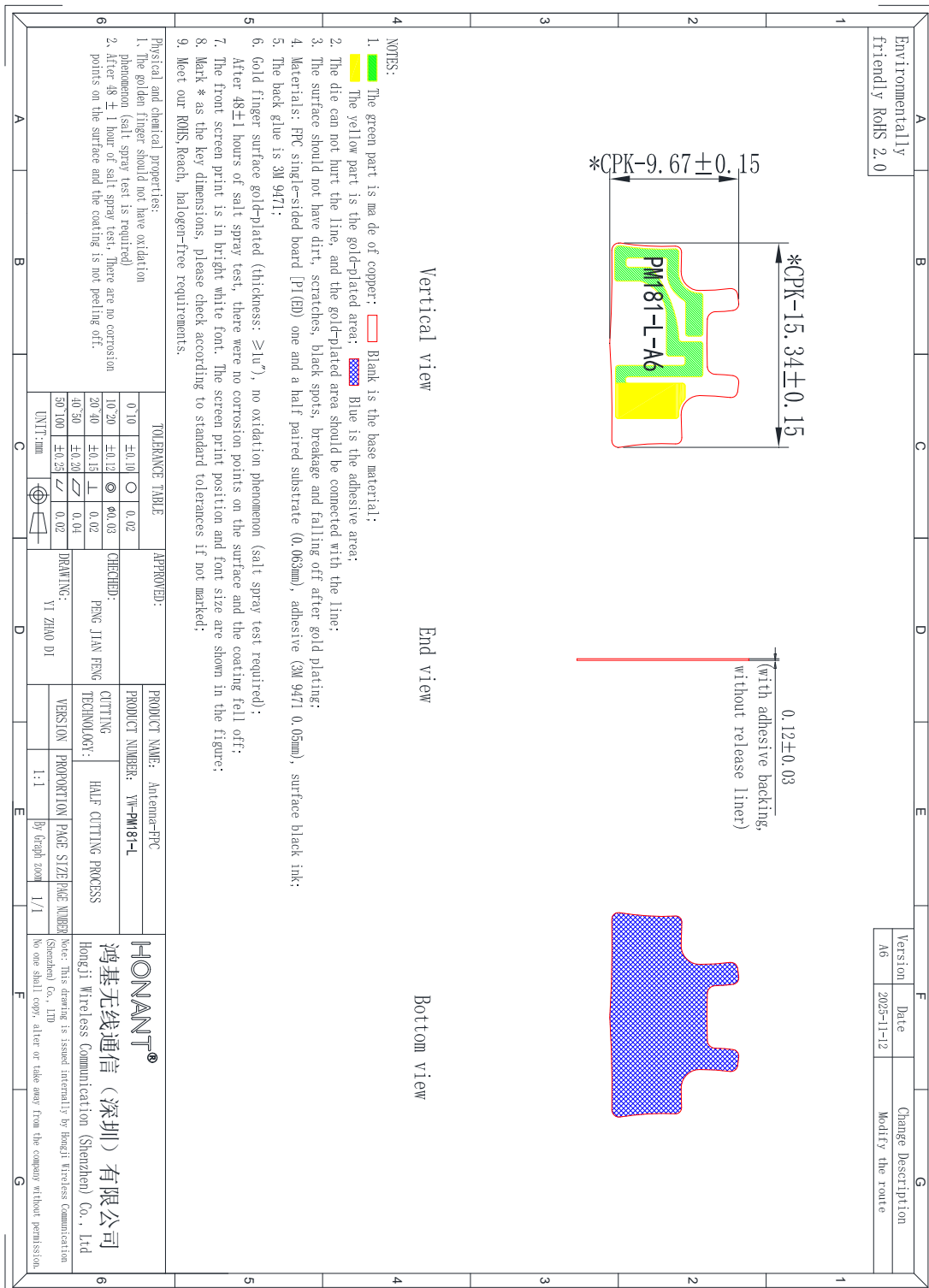
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3: Matching circuit



4: Structural drawing



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