

Antenna Sample Datasheet

entry name:	PM174-R
Material category:	BT antenna
Antenna Material	FPC
edition:	A9
Date:	2025. 9. 17

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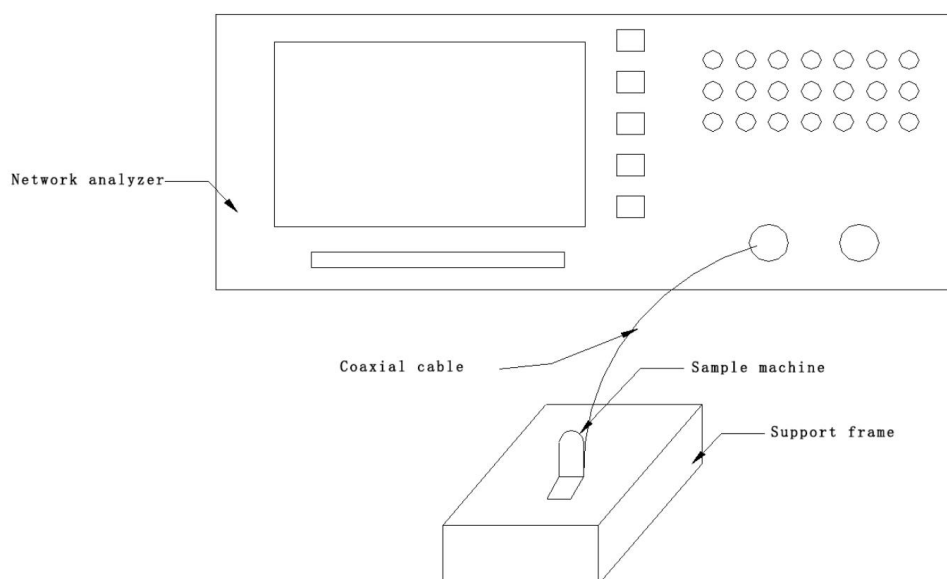
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1: Antenna test equipment

List of meters: Agilent 5071B;

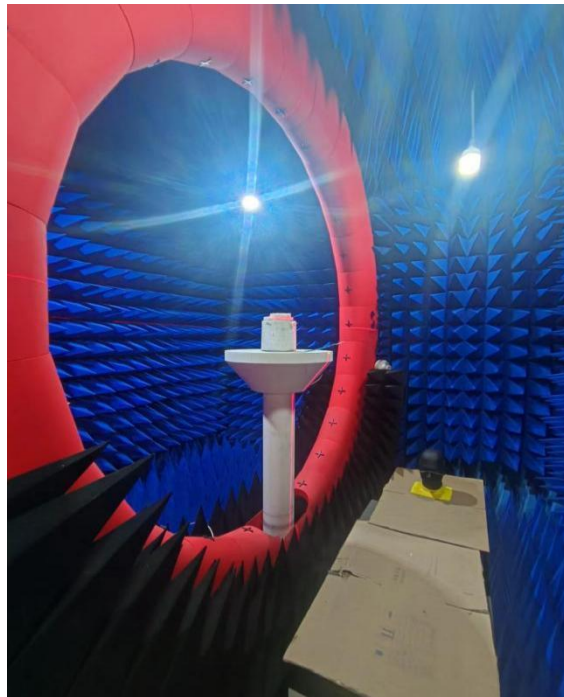


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

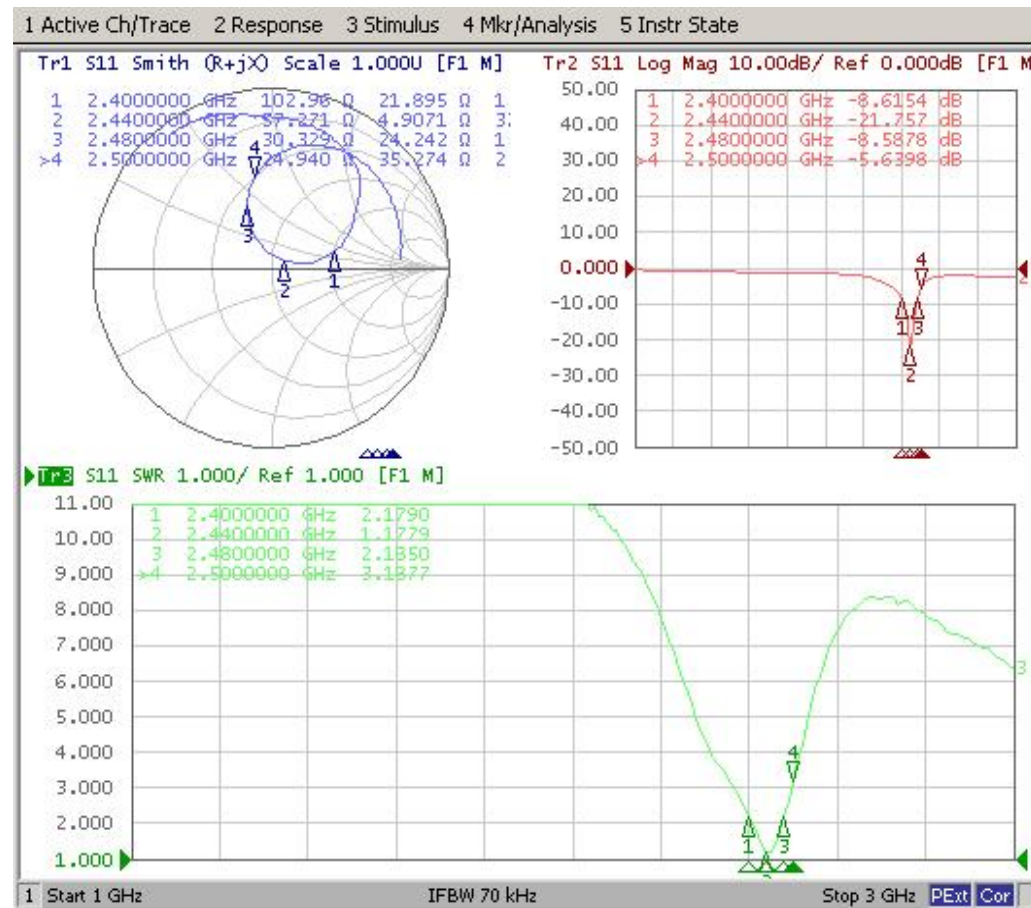
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

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2: Passive test report

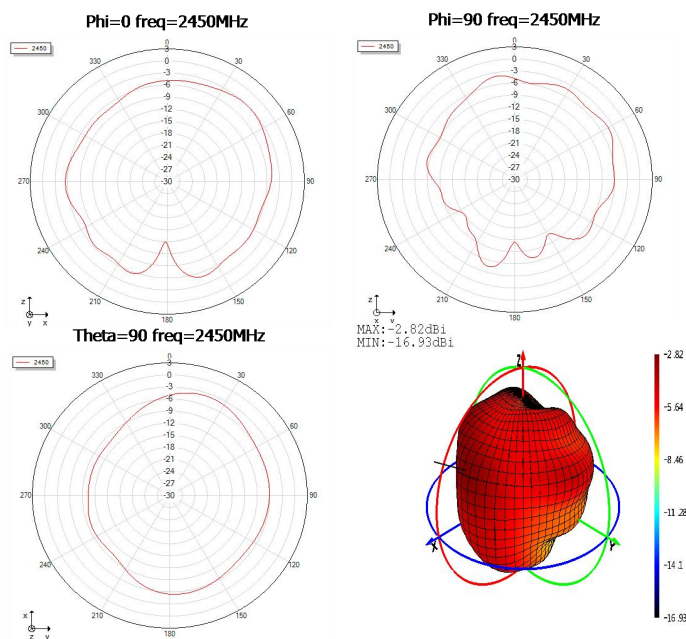
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-4.16	20.04
2410	-3.61	22.64
2420	-3.33	24.24
2430	-3.06	24.12
2440	-2.86	24.36
2450	-2.82	23.24
2460	-2.9	21.84
2470	-3.12	21.24
2480	-3.81	20.09
Mean value	-3.3	22.42

2.3: Passive pattern of BT antenna

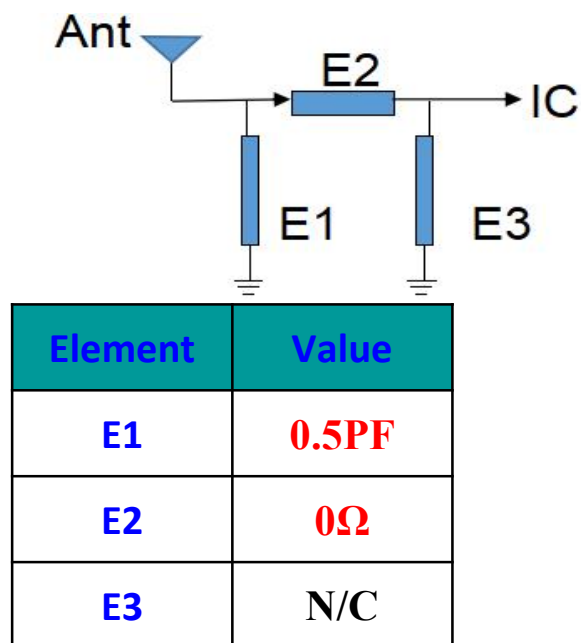


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3: Matching circuit



4: Structural drawing

