

Antenna Sample Datasheet

entry name:	PM144-L
Material category:	BT antenna
Antenna Material	FPC
edition:	A7
Date:	2025. 4. 3

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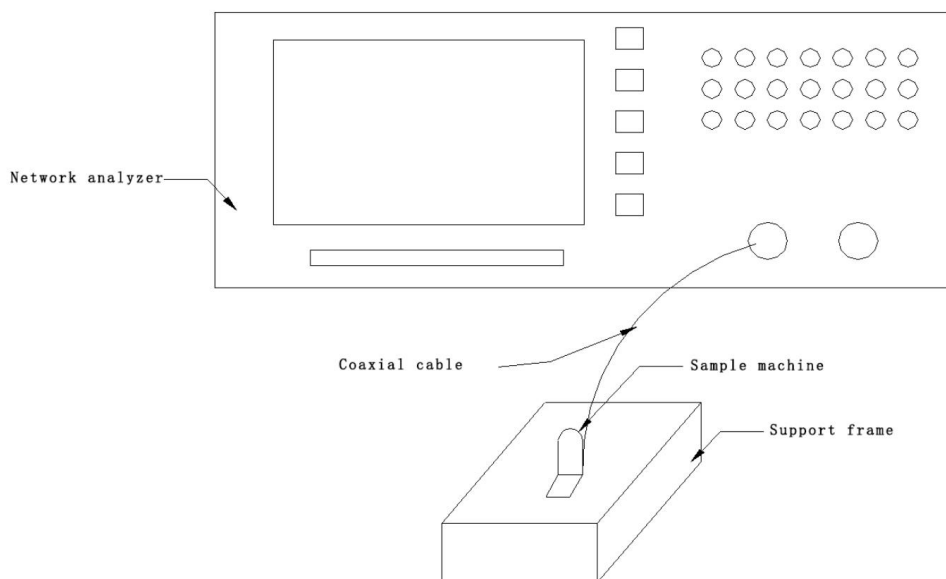
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1: Antenna test equipment

List of meters: Agilent 5071B;

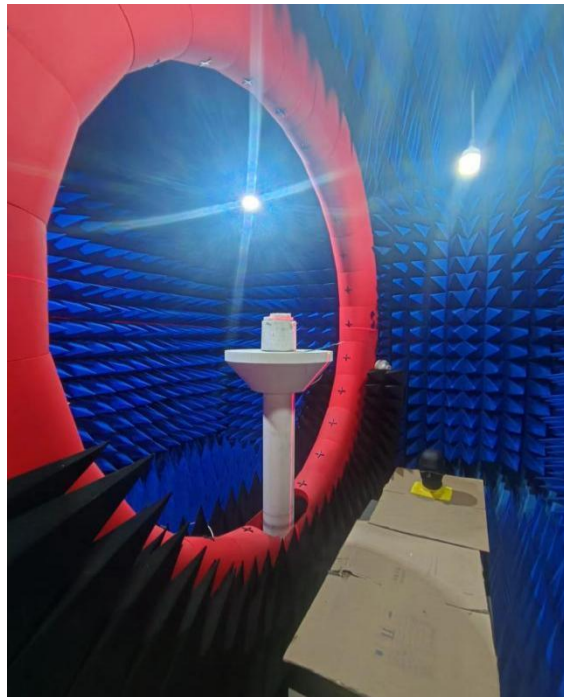


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

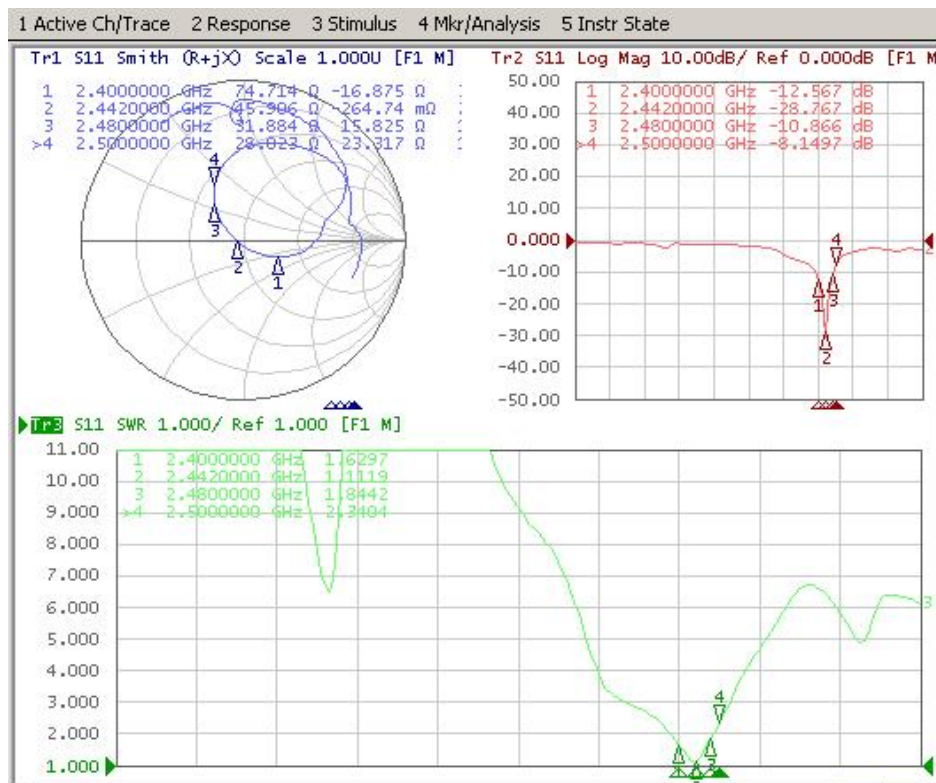
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

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2: Passive test report

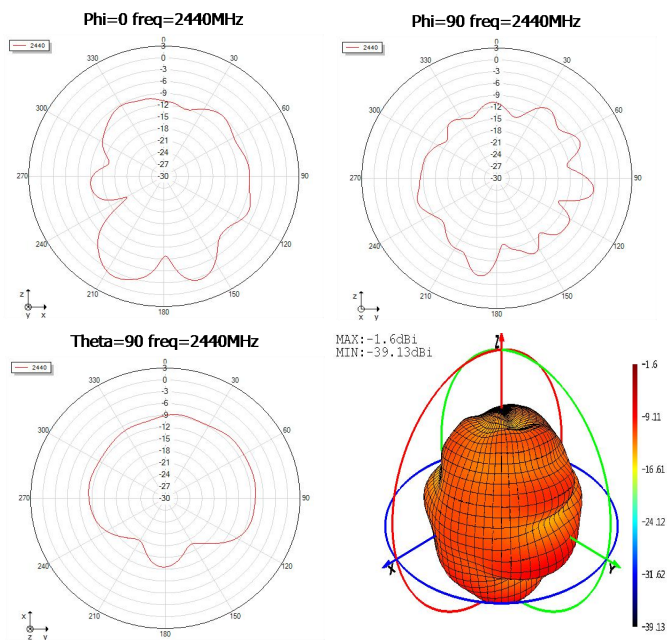
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-3.09	15.68
2410	-2.76	16.38
2420	-2.48	16.83
2430	-1.97	17.41
2440	-1.60	18.26
2450	-1.44	18.81
2460	-1.28	19.42
2470	-0.91	20.79
2480	-0.36	21.79
Mean value	-1.77	18.37

2.3: Passive pattern of BT antenna

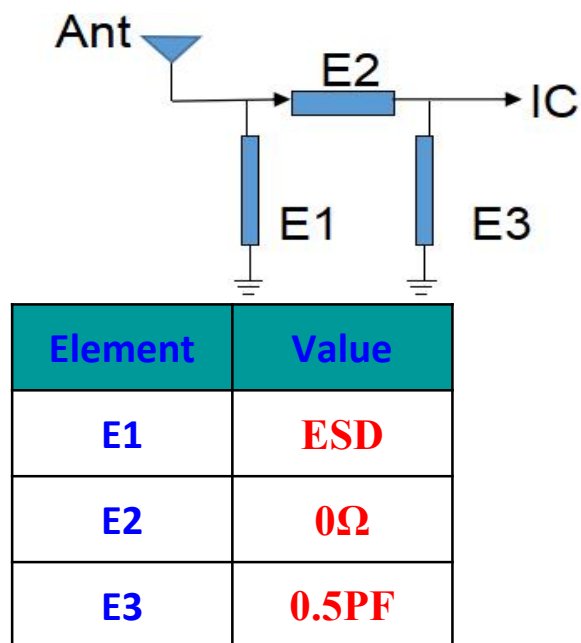


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3: Matching circuit



4: Structural drawing

