

Antenna Sample Datasheet

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

Contents

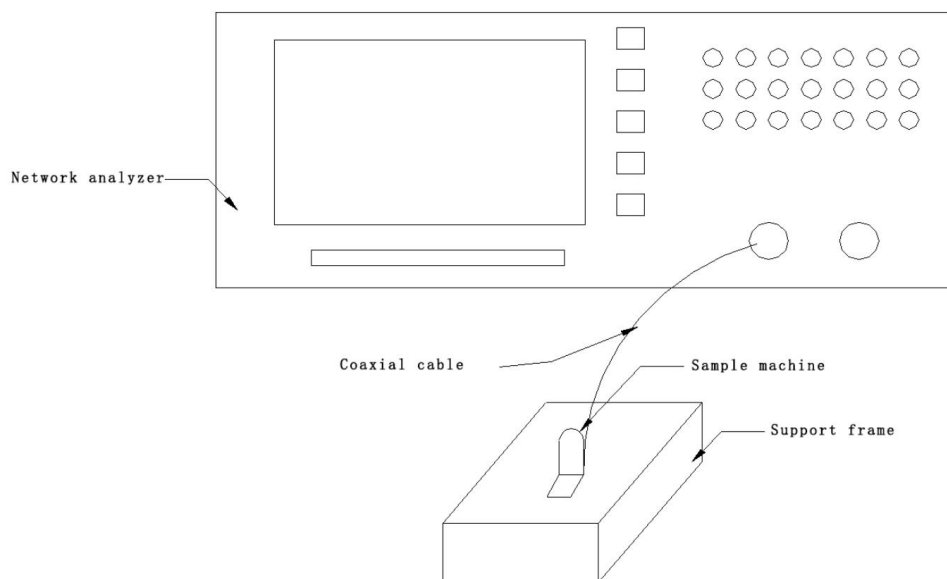
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Matching circuit.....	5
4: Structural drawing.....	6

1: Antenna test equipment

List of meters: Agilent 5071B;

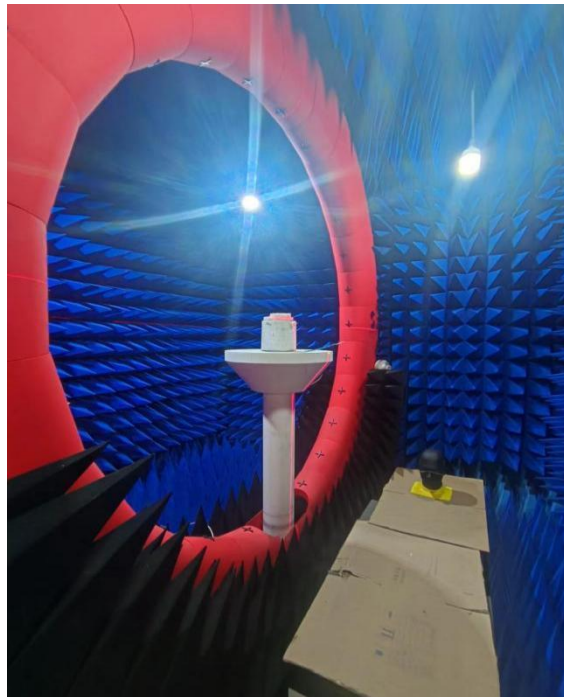


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

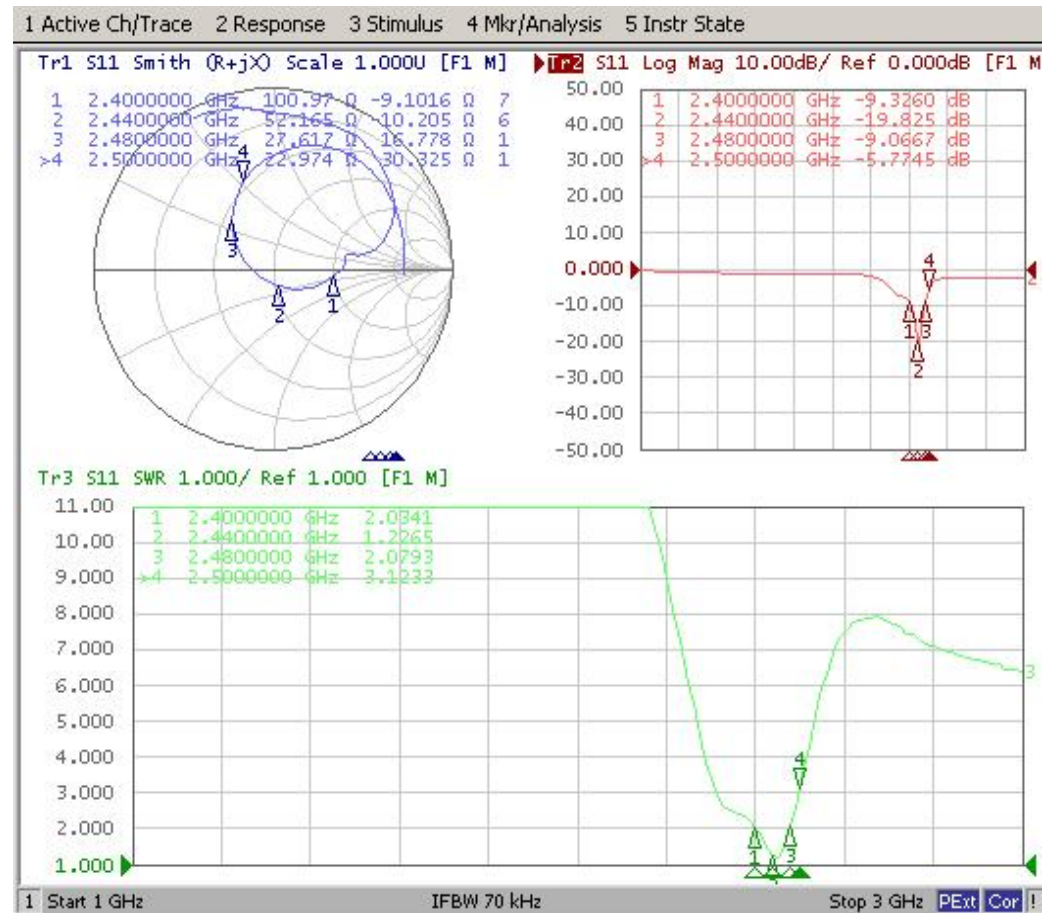
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2: Passive test report

2.1: BT antenna S11 parameters



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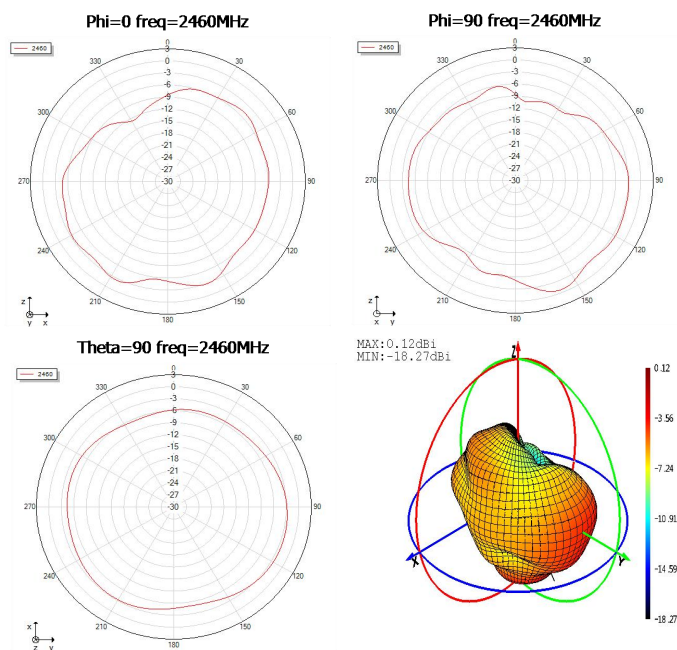
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2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-0.75	20.82
2410	-0.56	22.72
2420	-0.36	24.61
2430	-0.07	25.4
2440	-0.02	26.57
2450	-0.12	25.92
2460	0.12	27.77
2470	0.07	27.95
2480	-0.28	25.91
Mean value	-0.22	25.3

2.3: Passive pattern of BT antenna

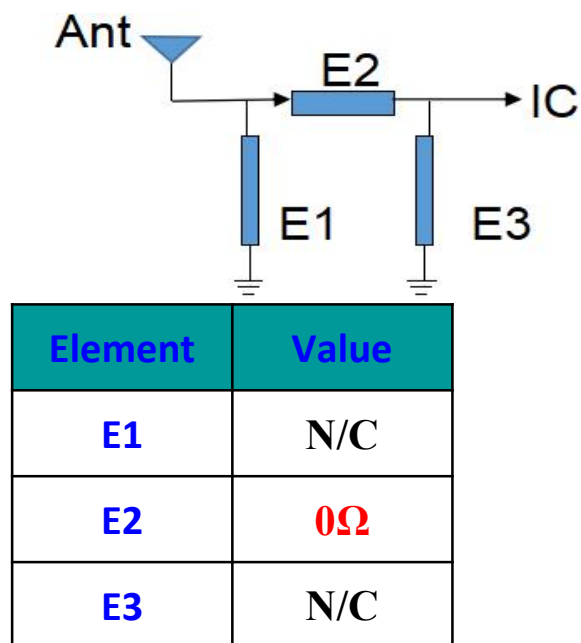


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3: Matching circuit



4: Structural drawing

