

Antenna Sample Datasheet

entry name:	PM153-R
Material category:	BT antenna
Antenna Material	FPC
edition:	A7
Date:	2025. 3. 7

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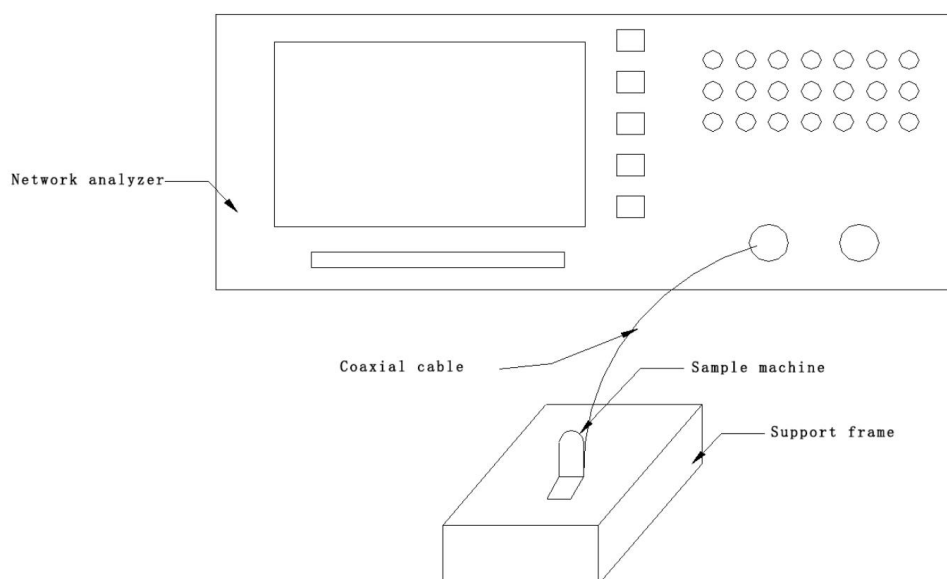
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1: Antenna test equipment

List of meters: Agilent 5071B;

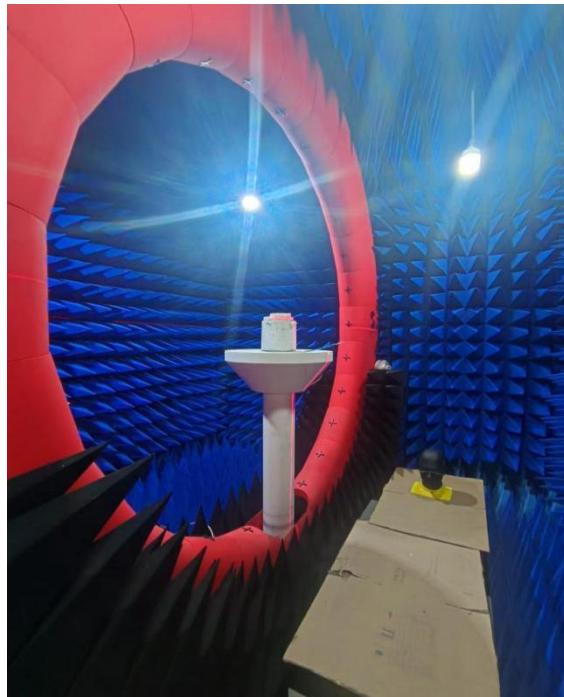


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

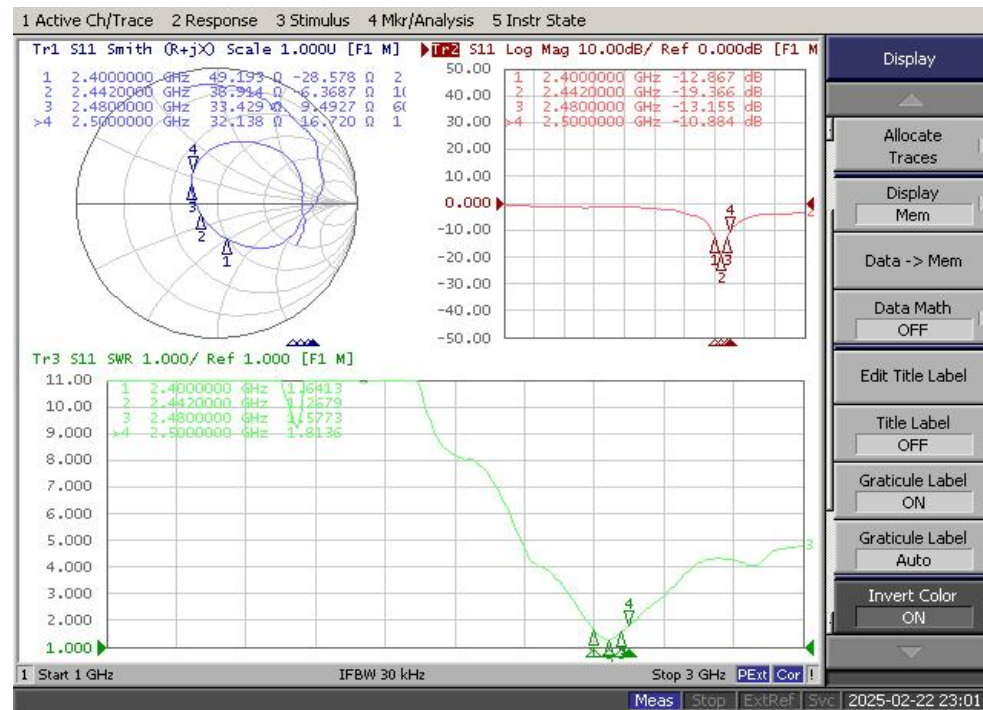
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

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2: Passive test report

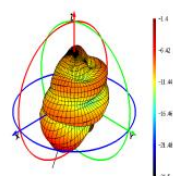
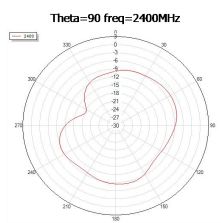
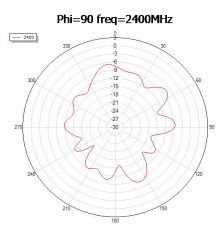
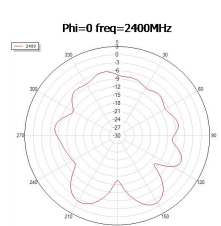
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-1.52	14.75
2410	-1.4	15.64
2420	-1.41	15.45
2430	-1.52	15.34
2440	-1.61	14.73
2450	-1.54	14.63
2460	-1.72	13.45
2470	-1.94	12.82
2480	-2.01	11.57
Mean value	-0.3	16.01

2.3: Passive pattern of BT antenna

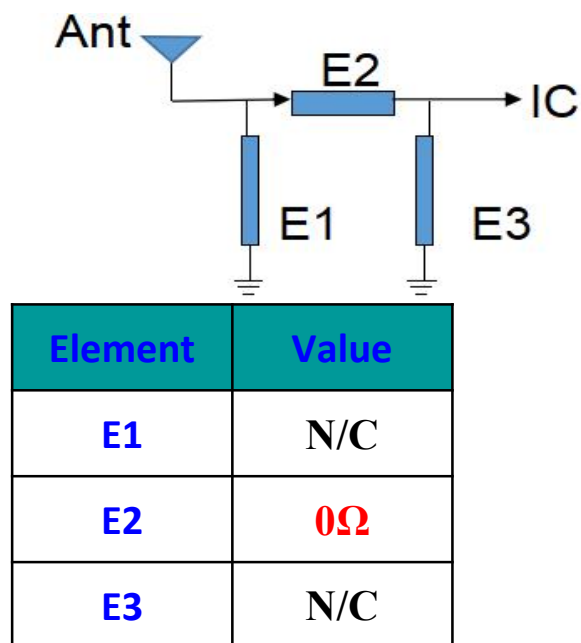


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3: Matching circuit



4: Structural drawing

