

Antenna Sample Datasheet

entry name:	CT02-R
Material category:	BT antenna
Antenna Material	FPC
edition:	A12
Date:	2025. 2. 18

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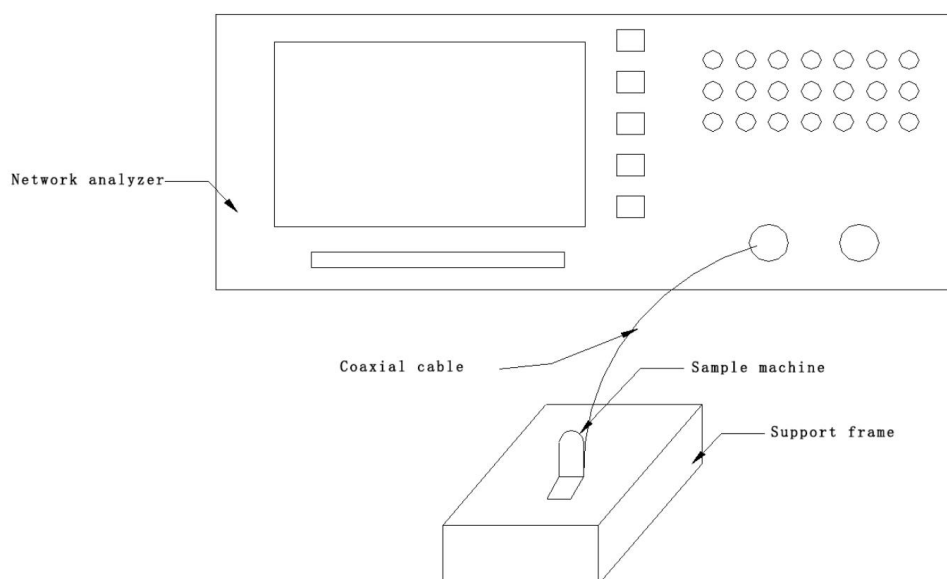
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1: Antenna test equipment

List of meters: Agilent 5071B;

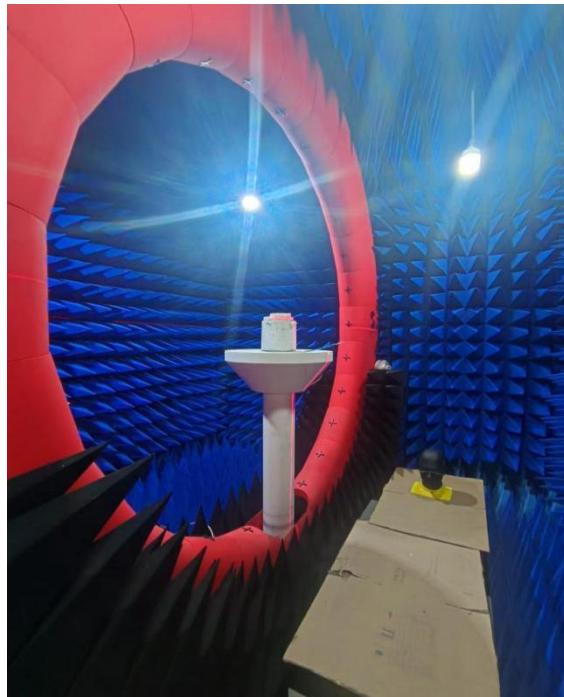


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

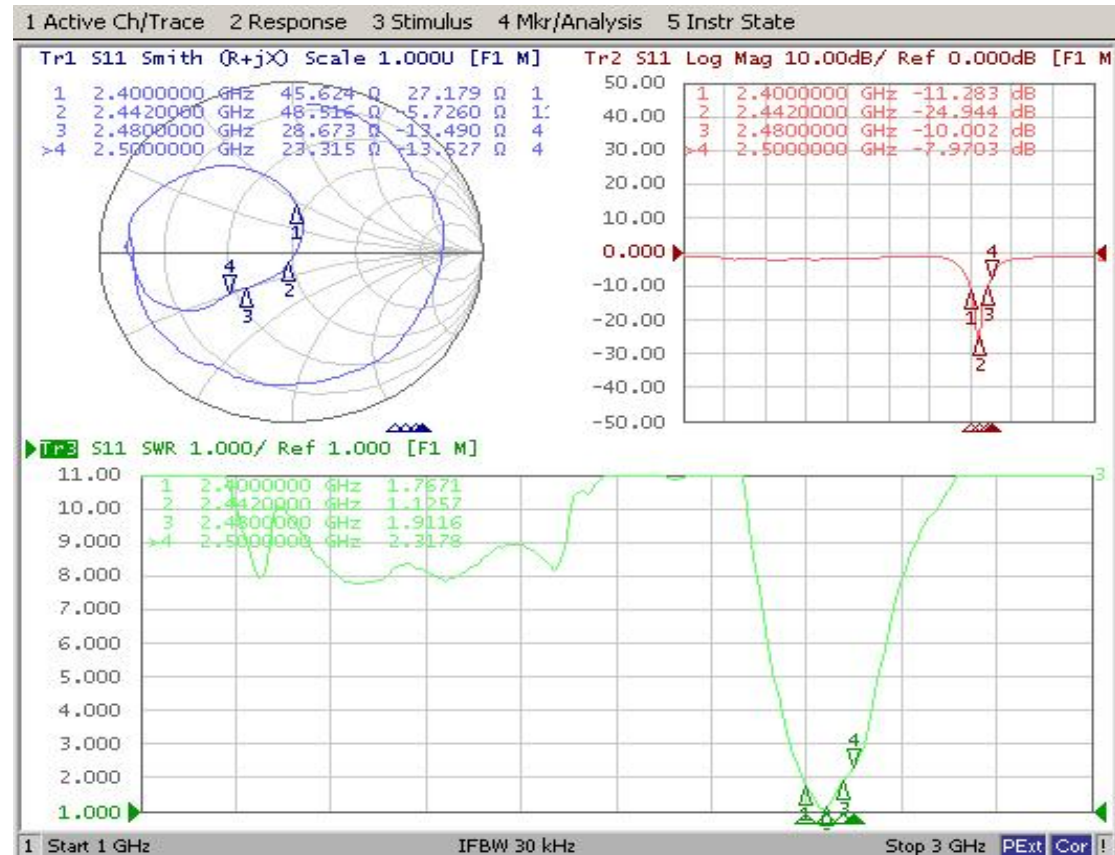
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

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2: Passive test report

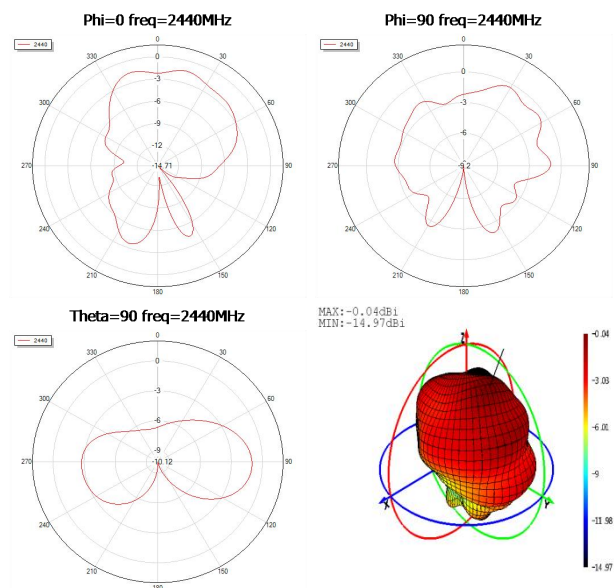
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	0.02	18.15
2410	0.37	19.49
2420	0.03	18.93
2430	-0.31	18.45
2440	-0.04	17.17
2450	0.19	16.05
2460	-0.09	14.48
2470	0.09	14.31
2480	0.5	14.25
Mean value	0.08	16.81

2.3: Passive pattern of BT antenna

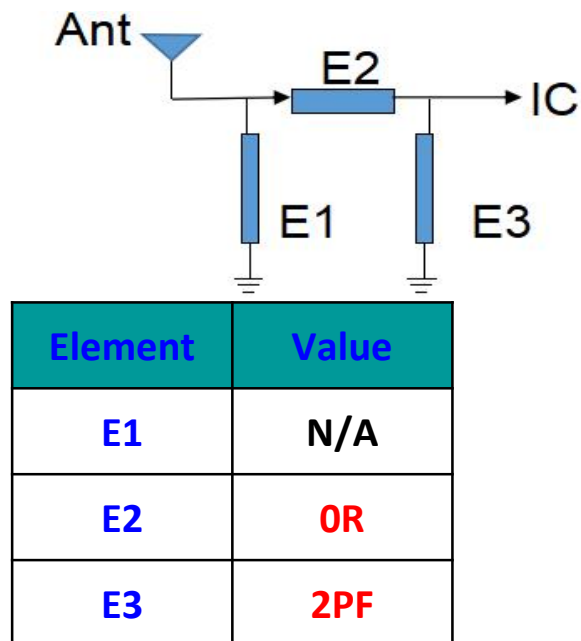


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3: Matching circuit



4: Structural drawing

