

Antenna Sample Datasheet

customer:	Dongguan Shiyoute electronics Co., LTD
entry name:	SMBT-0661
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC
edition:	A6
Date:	2024. 11. 28

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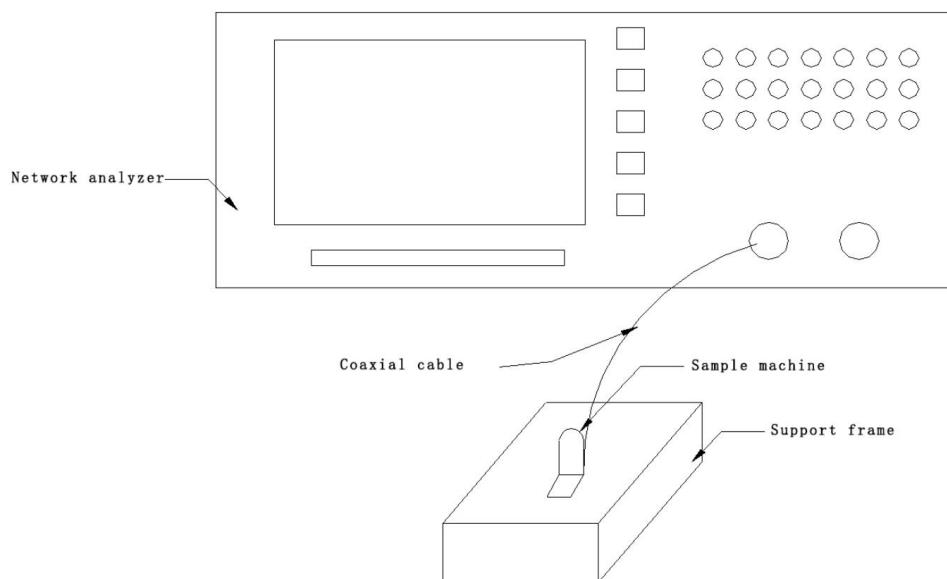
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1: Antenna test equipment

List of meters: Agilent 5071B;

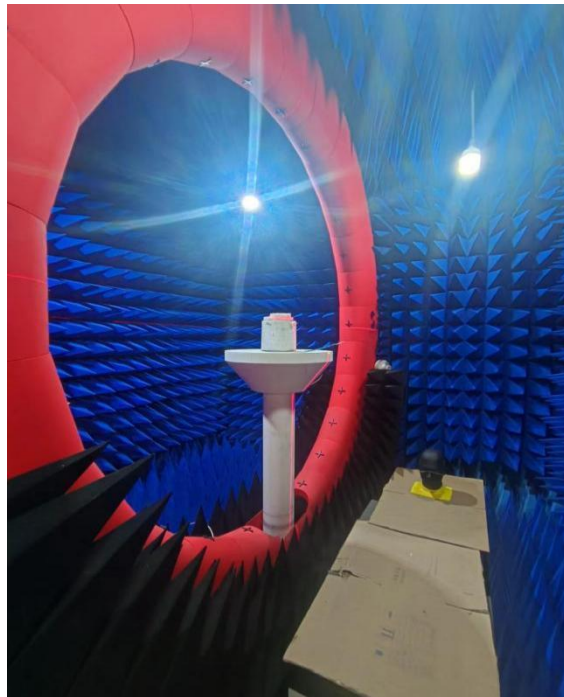


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

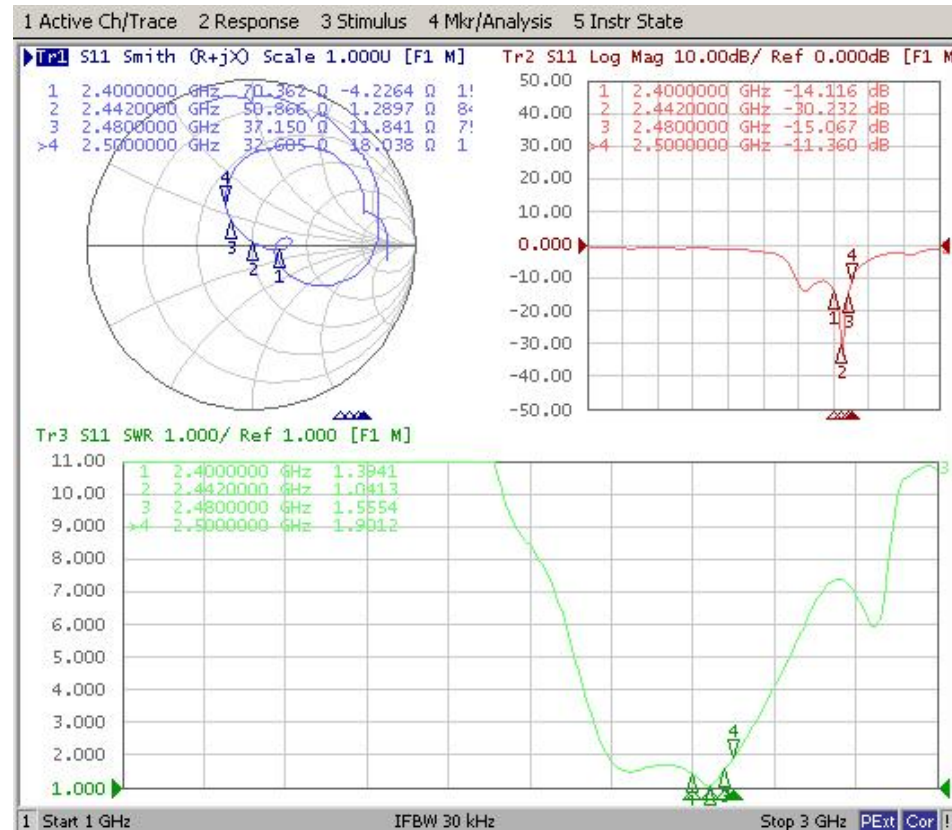
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

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2: Passive test report

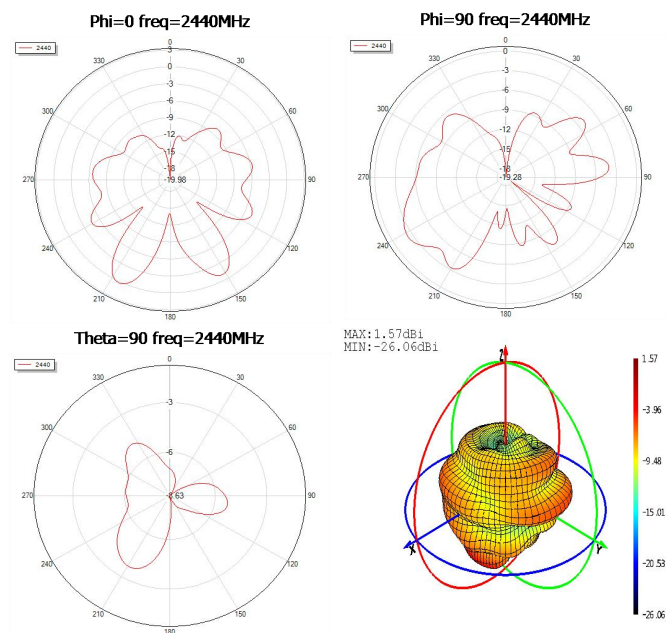
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	0.75	28.11
2410	1.08	27.96
2420	1.28	26.86
2430	1.54	27.04
2440	1.57	25.56
2450	1.71	25.16
2460	1.69	24.77
2470	1.78	26.33
2480	2.22	28.61
Mean value	1.51	26.71

2.3: Passive pattern of BT antenna



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3: Matching circuit

