

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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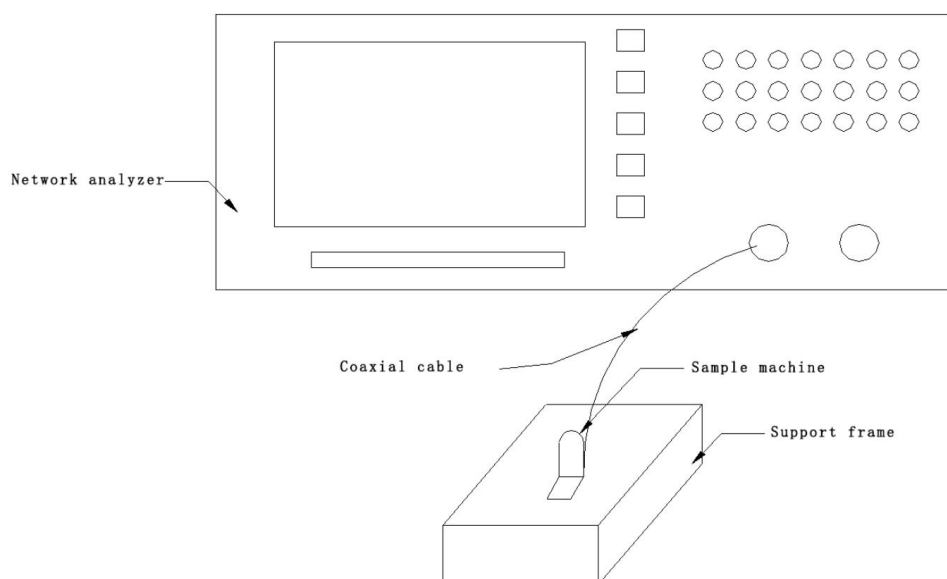
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1: Antenna test equipment

List of meters: Agilent 5071B;

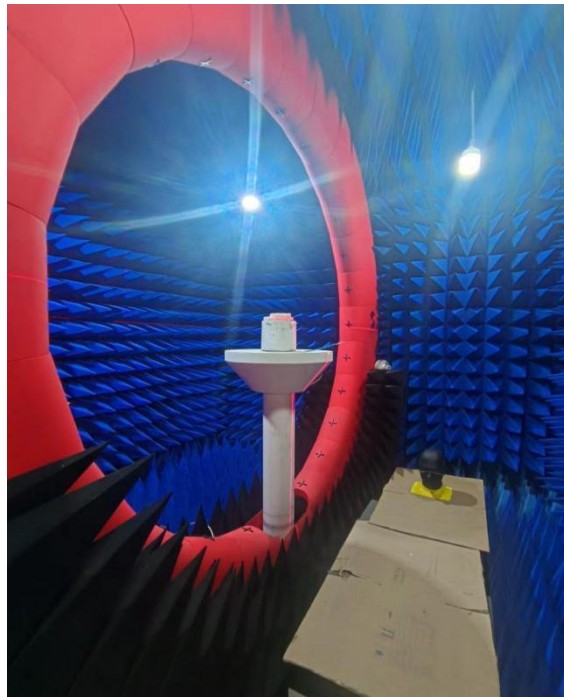


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

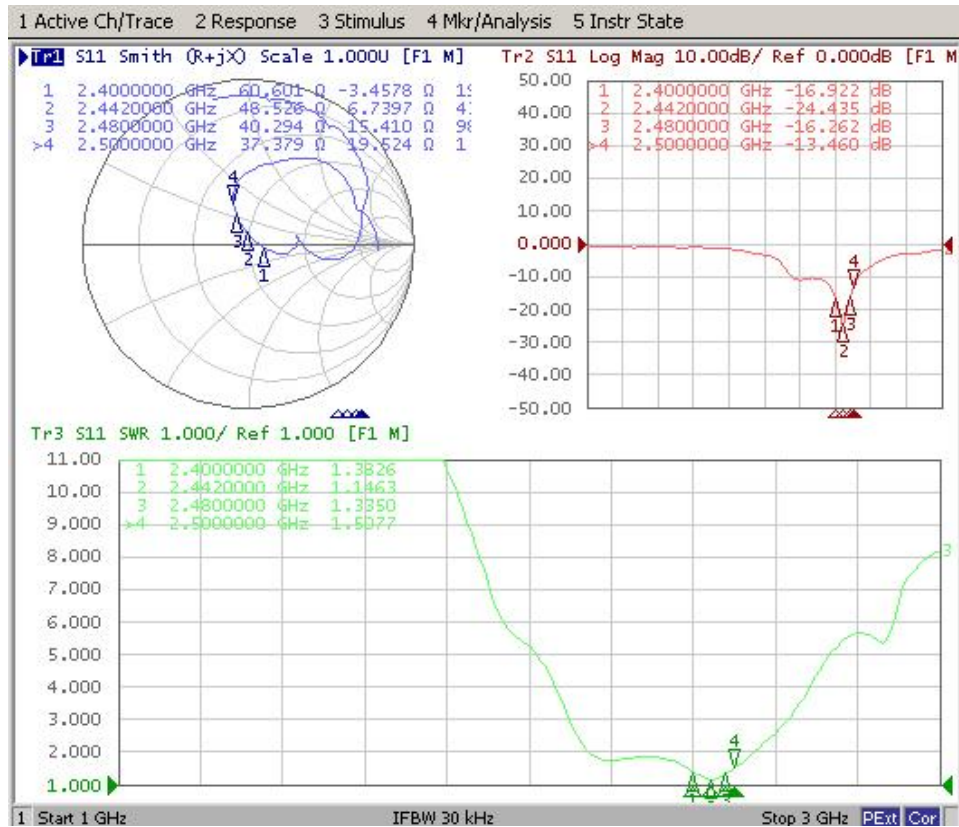
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

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2: Passive test report

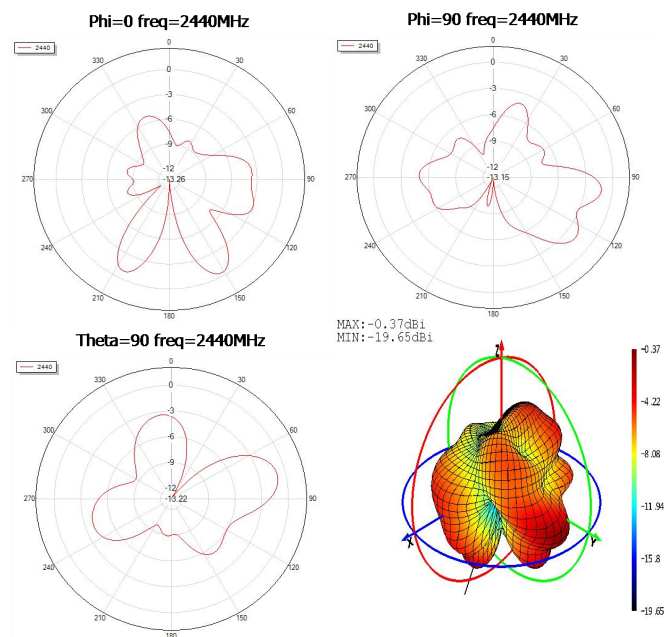
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-0.69	24.09
2410	-0.74	24.37
2420	-0.67	25.56
2430	-0.38	25.93
2440	-0.37	27.95
2450	-0.2	31.02
2460	0.01	32.52
2470	0.4	33.37
2480	0.97	34.93
Mean value	-0.19	28.86

2.3: Passive pattern of BT antenna



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3: Matching circuit

