

Antenna Sample Datasheet

customer:	Dongguan Hele Electronics Co., LTD
entry name:	CT03-L
Material category:	BT antenna
Antenna Material	LDS
edition:	A0
Date:	2026. 7. 8

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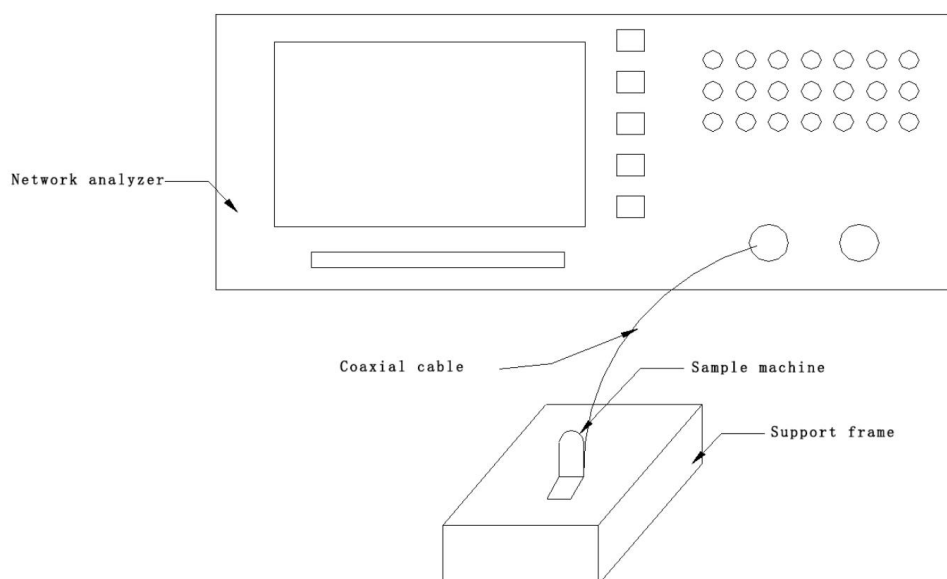
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1: Antenna test equipment

List of meters: Agilent 5071B;

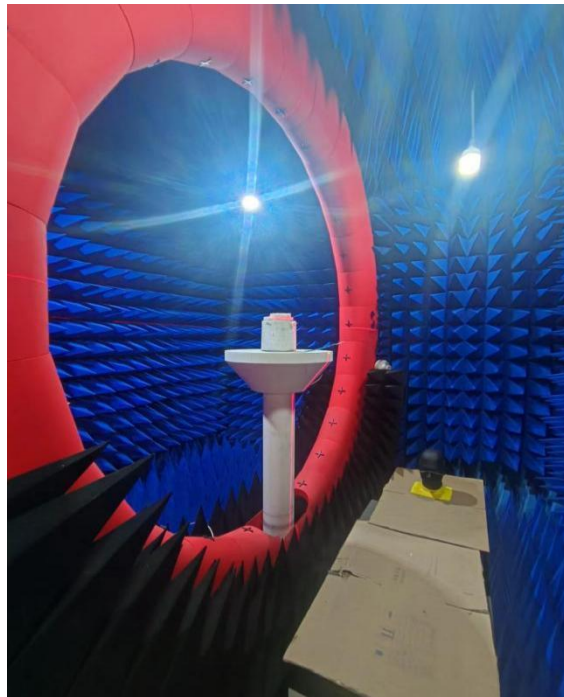


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

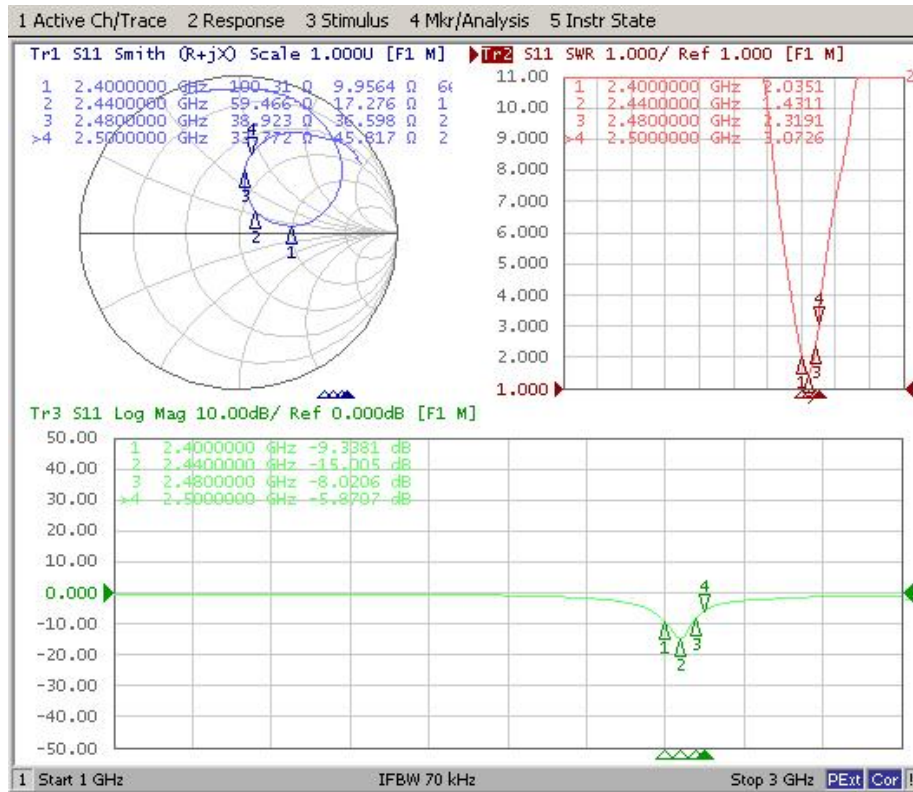
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

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2: Passive test report

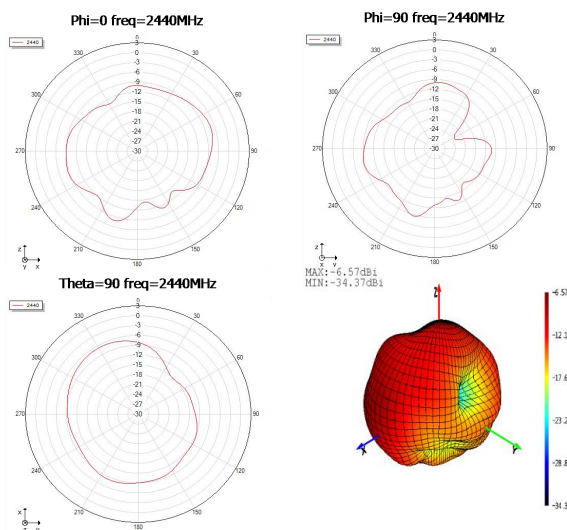
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-6.83	8.44
2410	-6.76	9.42
2420	-6.69	9.95
2430	-6.59	9.82
2440	-6.57	9.63
2450	-6.65	9.24
2460	-6.68	9.16
2470	-6.72	9.08
2480	-7.10	8.37
2490	-7.41	8.12
2500	-7.56	7.94
Mean value	-6.87	9.02

2.3: Passive pattern of BT antenna

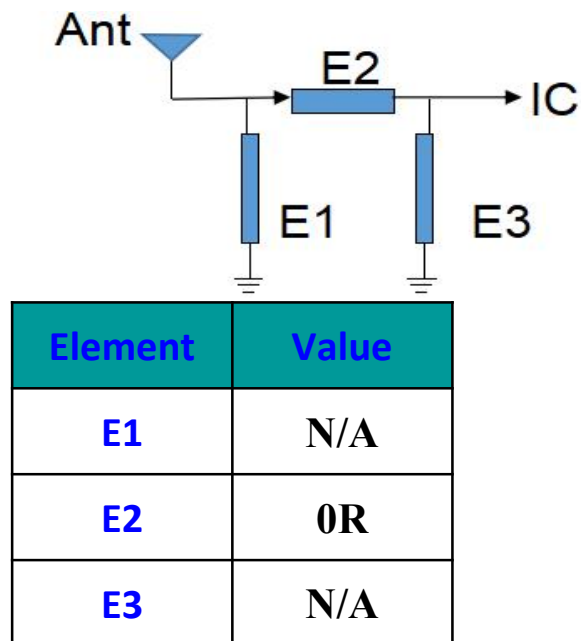


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3: Matching circuit



4: Structural drawing

