

Antenna Sample Datasheet

customer:	元烽伦
entry name:	YFL-S43-R
Material category:	BT-ANT R
Antenna Type	PIFA
Antenna Material	FPC
edition:	V1.0
Date:	2026. 07. 01

Antenna manufacturer: Hongji Wireless Communication (Shenzhen) Co.,
LTD

<http://www.honant.com.cn>

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Park, Sightseeing Road, Guangming District, Shenzhen

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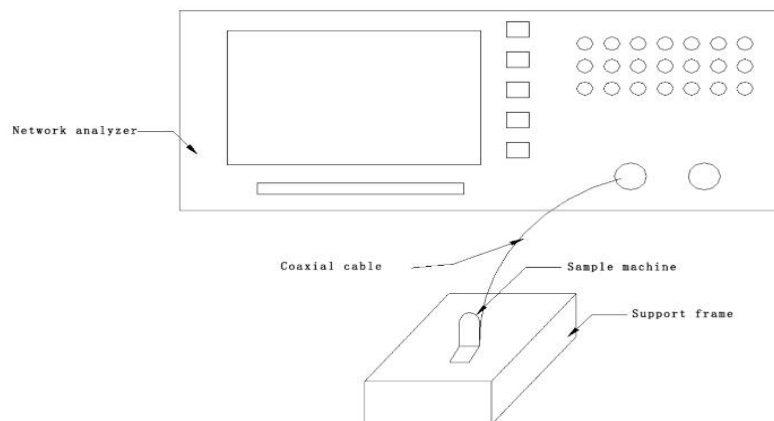
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1: Antenna test equipment

List of meters: Agilent 5071B;

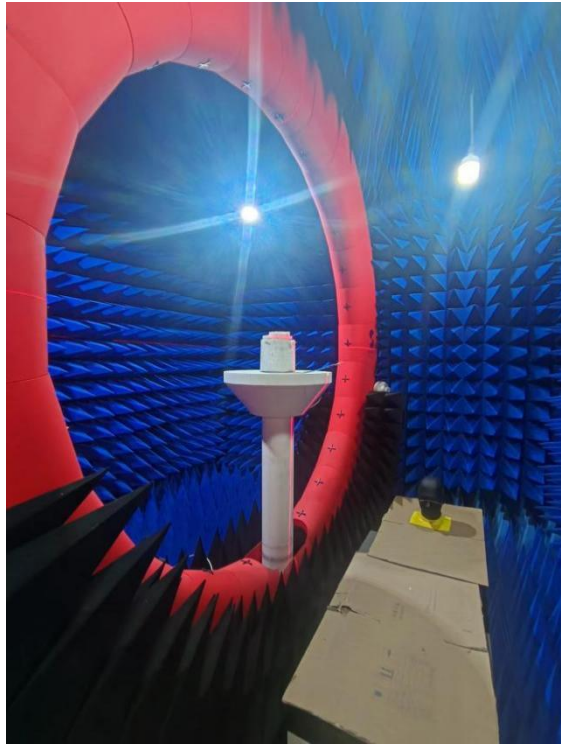


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



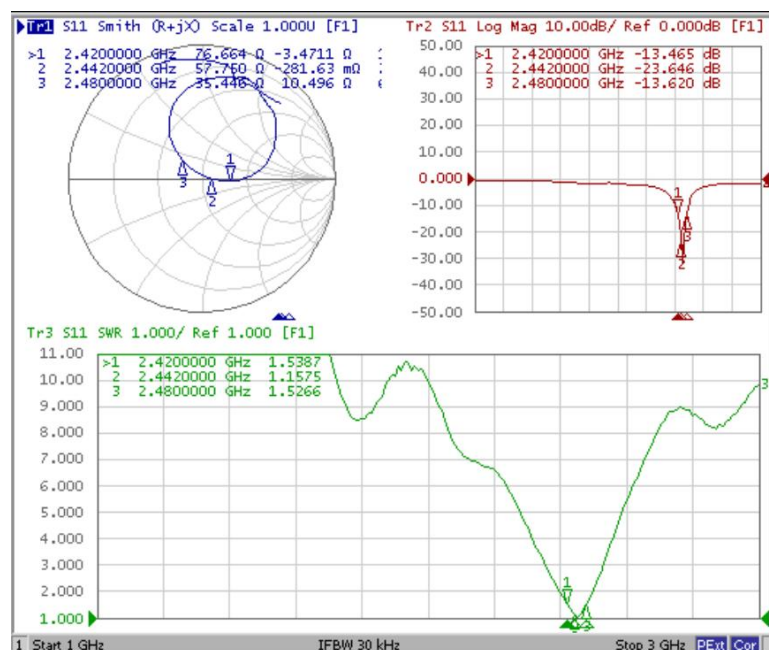
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

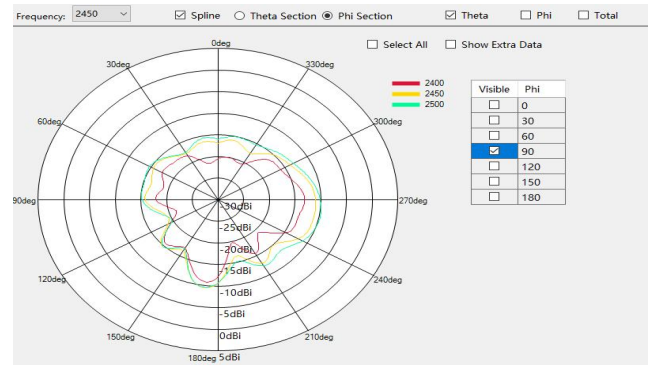
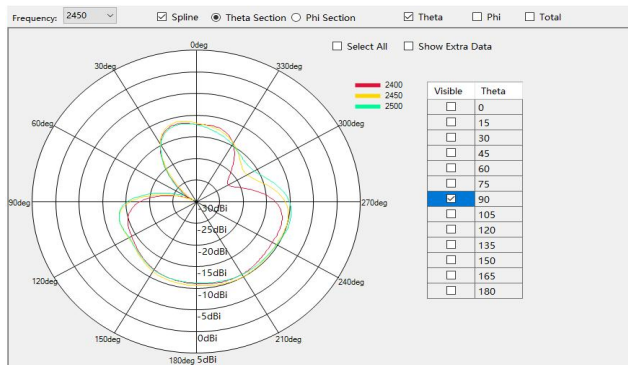
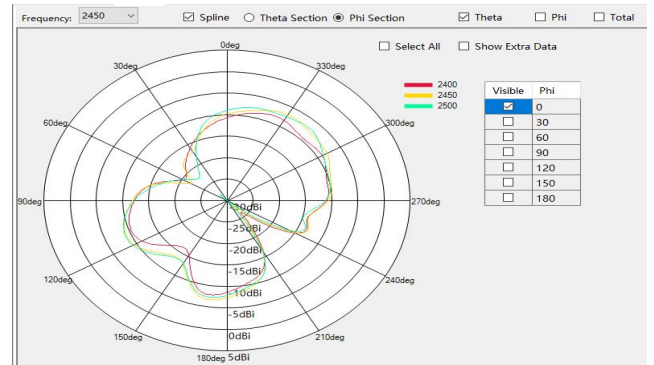
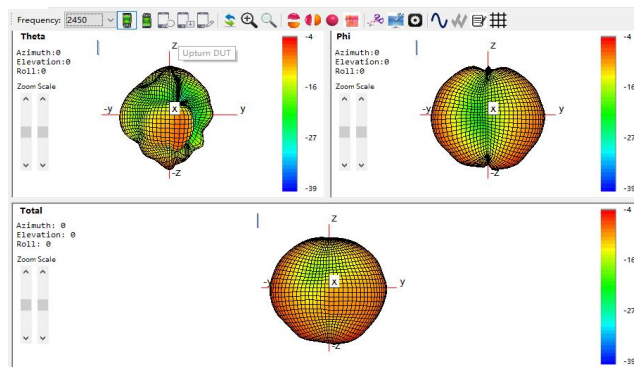
2.1: antenna S11 parameters



2.2: Passive efficiency of antenna

频点 MHz	增益(dBi)	效率(dB)	效率 (%)
2400	-6	-9.62	10.92
2410	-5.6	-9.25	11.88
2420	-5.36	-8.91	12.84
2430	-5.03	-8.59	13.82
2440	-4.8	-8.27	14.9
2450	-4.67	-8.14	15.35
2460	-4.55	-8.02	15.78
2470	-4.54	-7.93	16.11
2480	-4.46	-7.92	16.14

2.3: Passive pattern of BT antenna



3: Structural drawing-Right

