

customer:	Nexxbase Marketing Private Limited
name:	OC32B-L
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC
edition:	A0
Date:	2026. 5. 8

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

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

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

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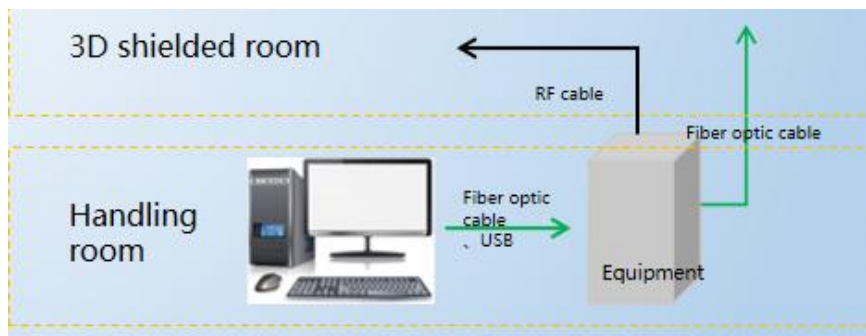
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1: Antenna test equipment

List of meters: Agilent 5071B;

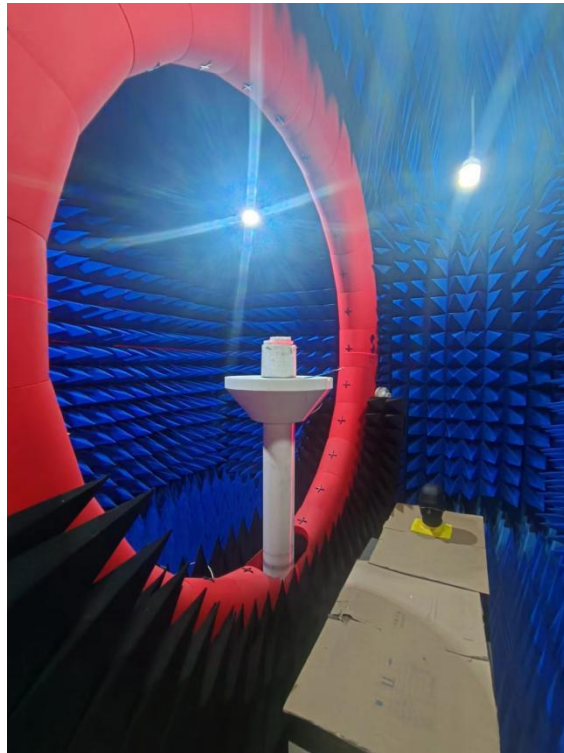


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber

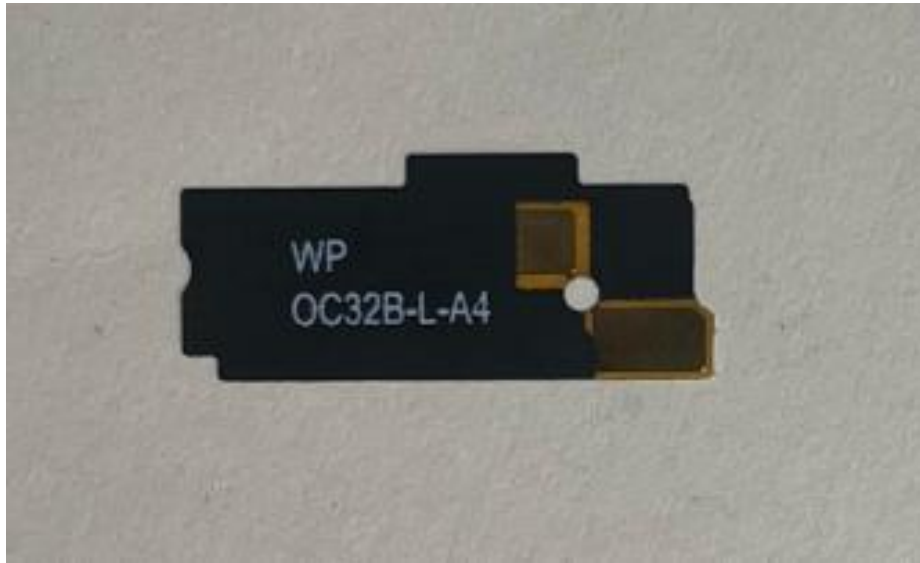


Inside the ETS anechoic chamber



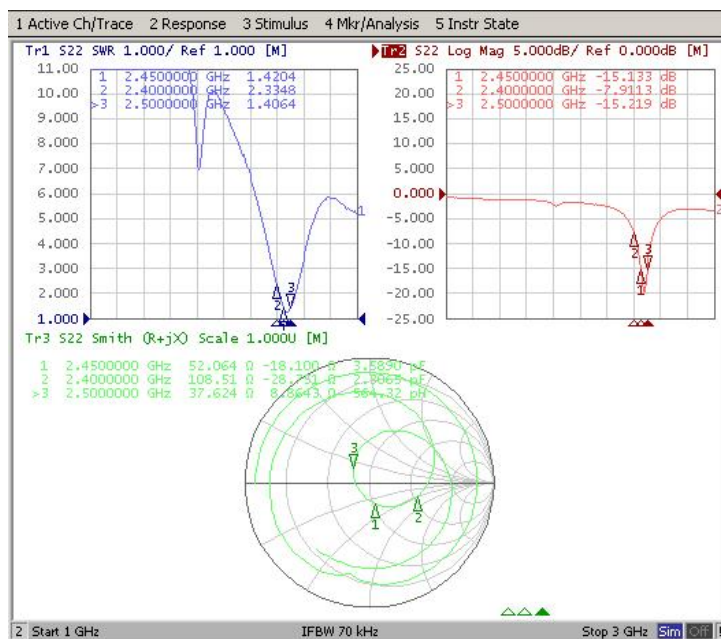
Test Machine

2: Antenna picture



3: Passive test report

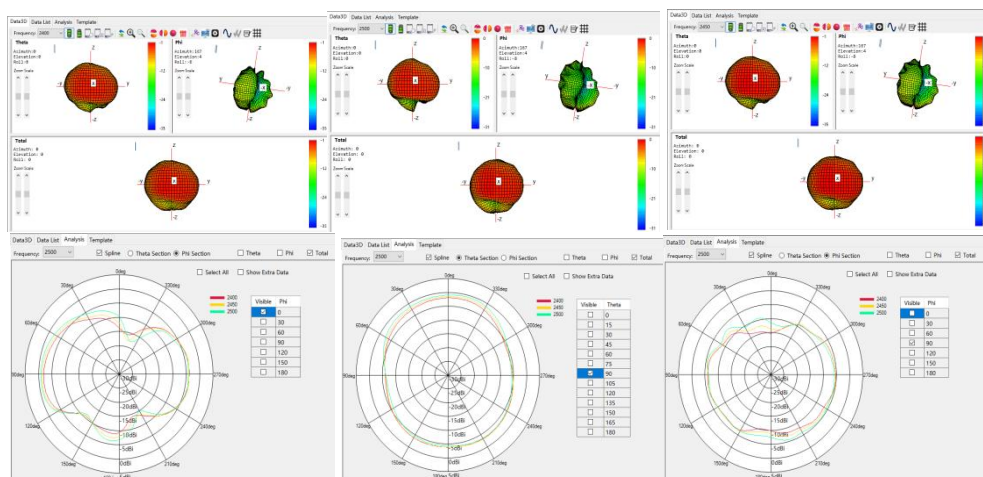
3.1: BT antenna S11 parameters



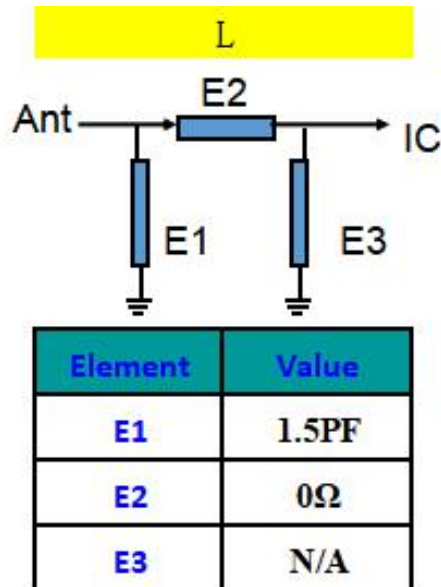
3.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-1.83	23.89
2410	-1.79	23.01
2420	-1.72	23.43
2430	-1.58	24.14
2440	-1.42	23.15
2450	-1.30	23.61
2460	-1.14	23.31
2470	-0.99	24.14
2480	-0.91	24.47
2490	-0.89	24.37
2500	-1.83	23.89

3.3: Passive pattern of BT antenna



4: Matching circuit



5: Structural drawing

