

Antenna Sample Datasheet

customer:	Dongguan EDIFIER Technology Co., LTD
entry name:	NeoBuds Planar
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPCB
edition:	A0
Date:	2024. 12. 10

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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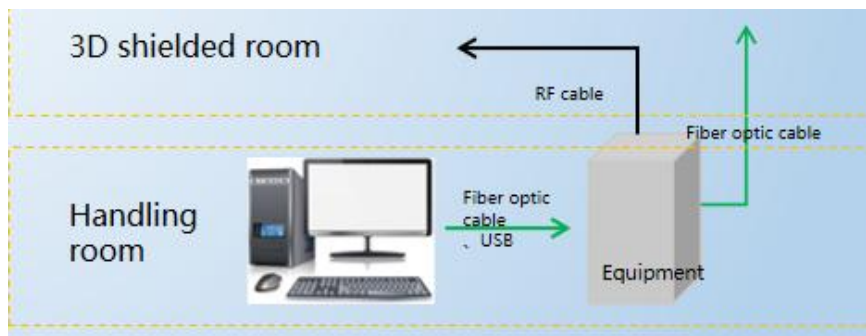
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1: Antenna test equipment

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



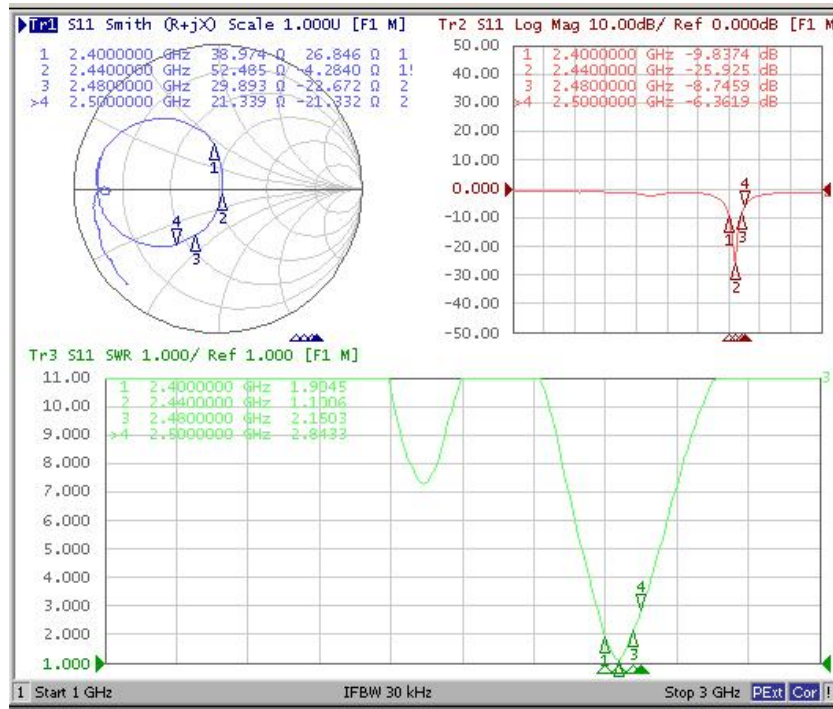
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

2.1: BT antenna S11 parameters

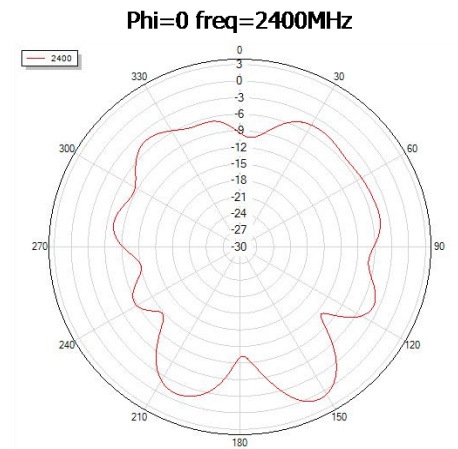
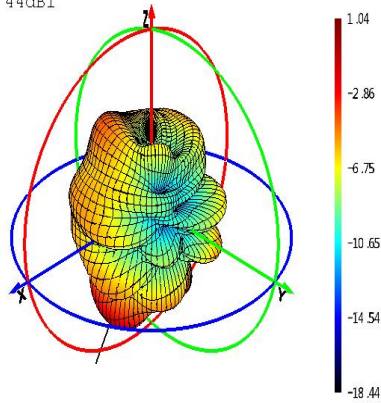


2.2: Passive efficiency of antenna

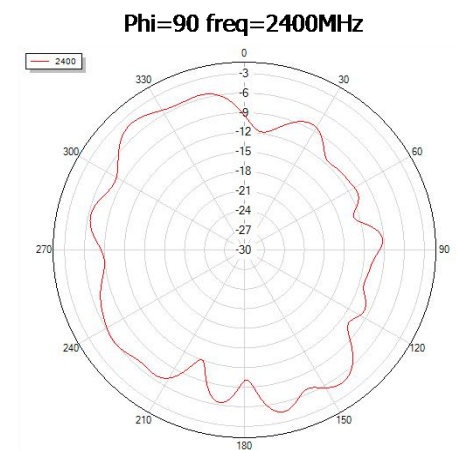
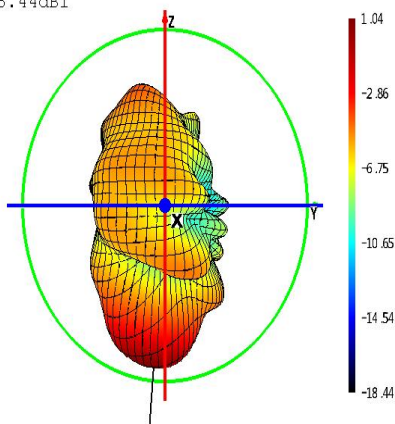
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	1.04	18.66
2410	1.28	19.45
2420	1.31	19.58
2430	1.54	19.9
2440	1.31	18.8
2450	1.1	18.37
2460	0.8	17.78
2470	0.83	17.33
2480	0.47	17.23

2.3: Passive pattern of BT antenna

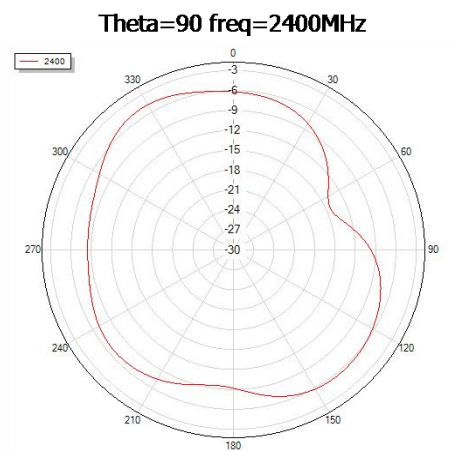
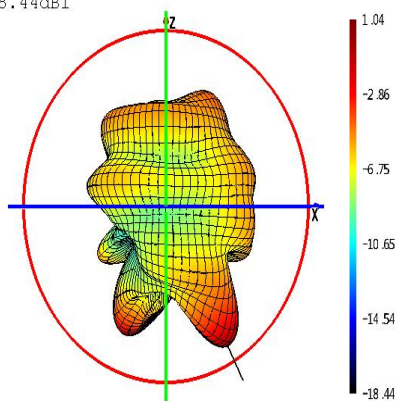
MAX:1.04dBi
MIN:-18.44dBi



MAX:1.04dBi
MIN:-18.44dBi



MAX:1.04dBi
MIN:-18.44dBi



3.Structural drawing-Right

