Antenna Sample Datasheet

customer:	Shenzhen Fangcheng Baiyi Technology Co., LTD
entry name:	OD03
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A0
Date:	2024.12.31

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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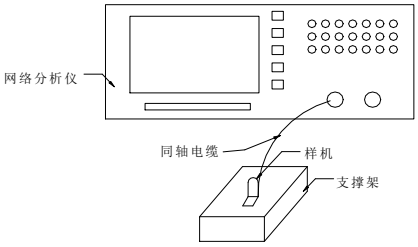
1：Antenna test equipment

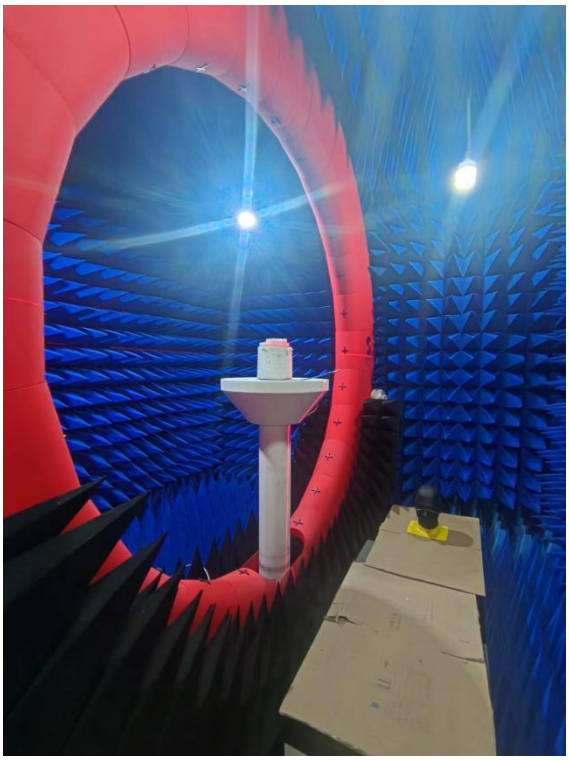
List of meters：Agilent 5071B；

1.1The principle diagram of the ETS anochoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anochoic chamber

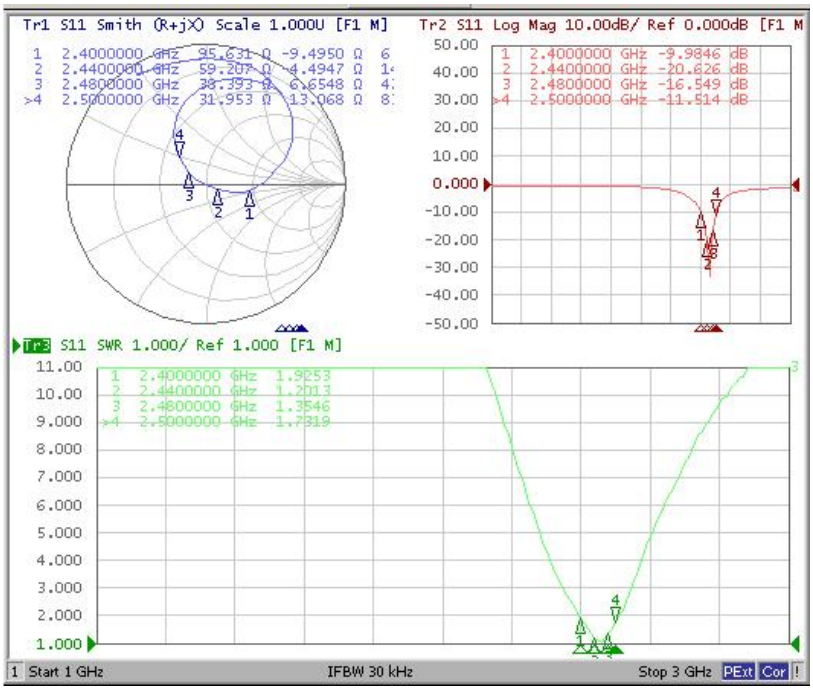


Inside the ETS anochoic chamber

Test Machine

2：Passive test report

2.1： BT antenna S11 parameters

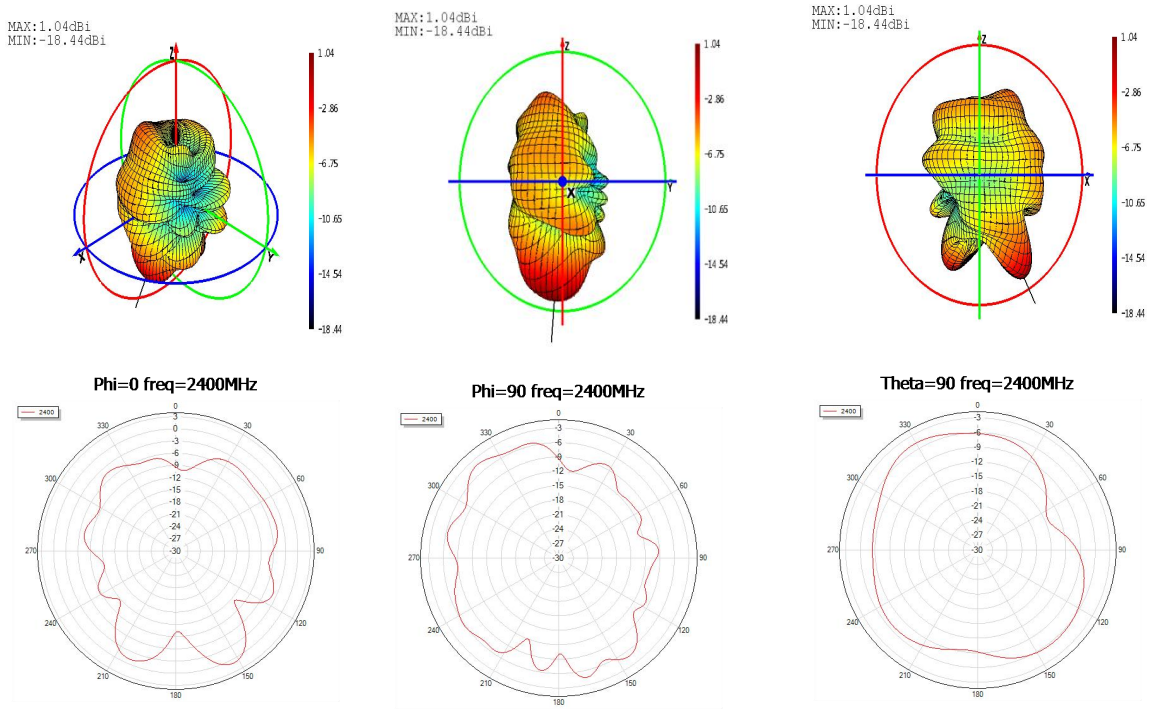


2.2： Passive efficiency of antenna

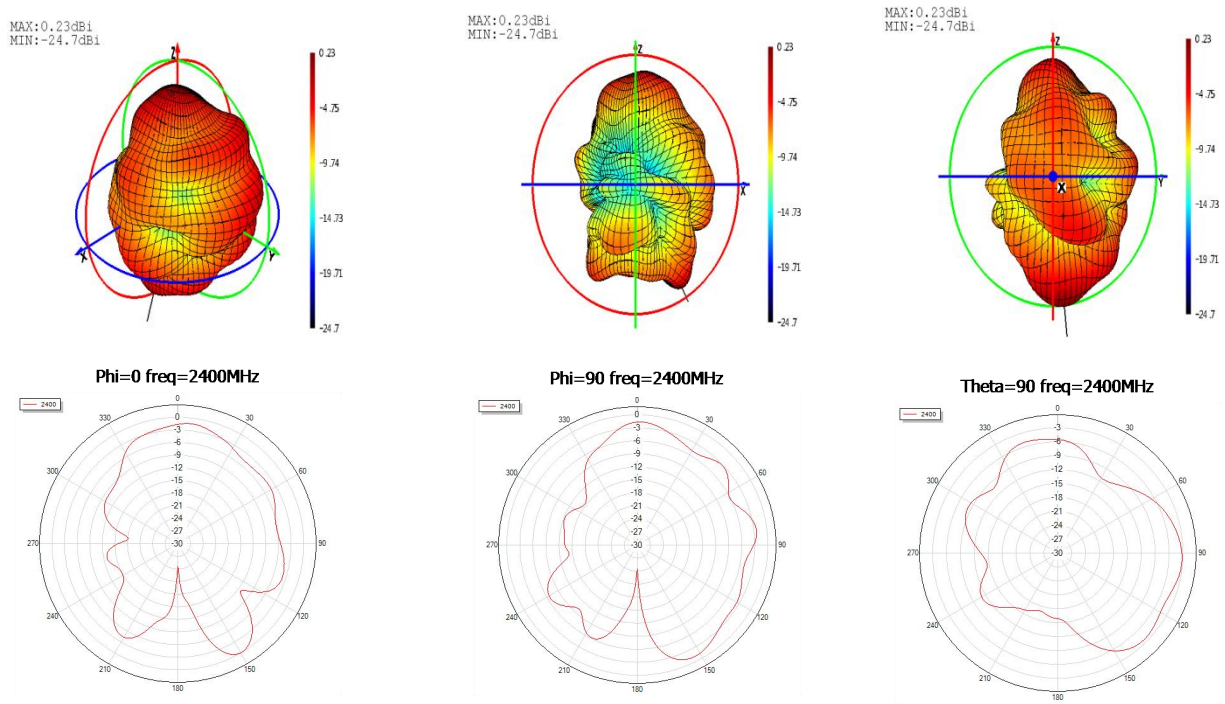
	L		R	
Freq(MHz)	Gain(dBi)	Efficiency(%)	Gain(dBi)	Efficiency(%)
2400	1.04	18.66	0. 23	20. 30
2410	1.28	19.45	0. 27	19. 55
2420	1.31	19.58	0. 47	19. 59
2430	1.54	19.9	0. 72	19. 13
2440	1.31	18.8	0. 90	18. 27
2450	1.1	18.37	0. 96	18. 41
2460	0.8	17.78	0. 96	18. 72
2470	0.83	17.33	1. 08	18. 82
2480	0.47	17.23	0. 92	19. 36

2.3： Passive pattern of BT antenna

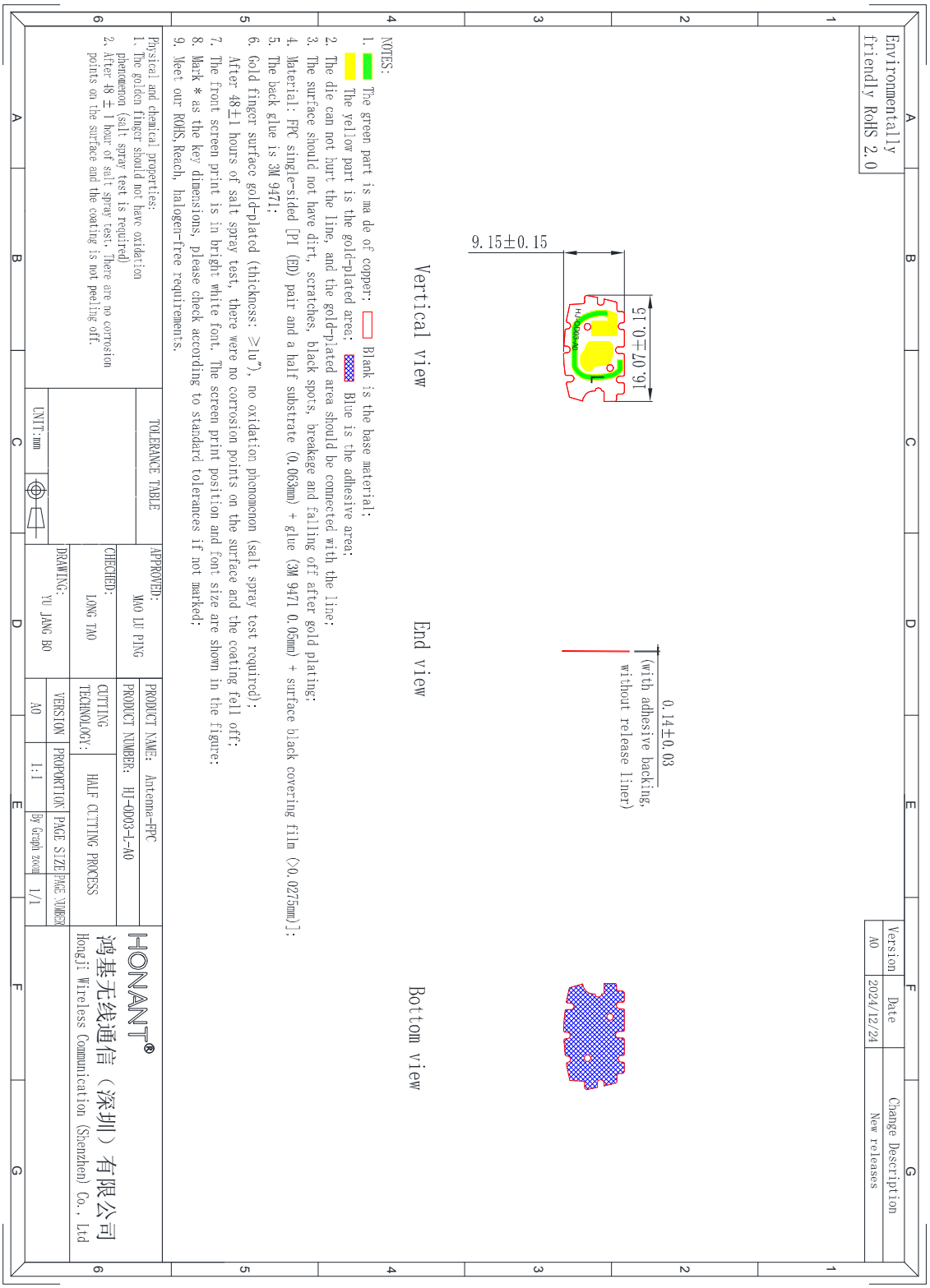
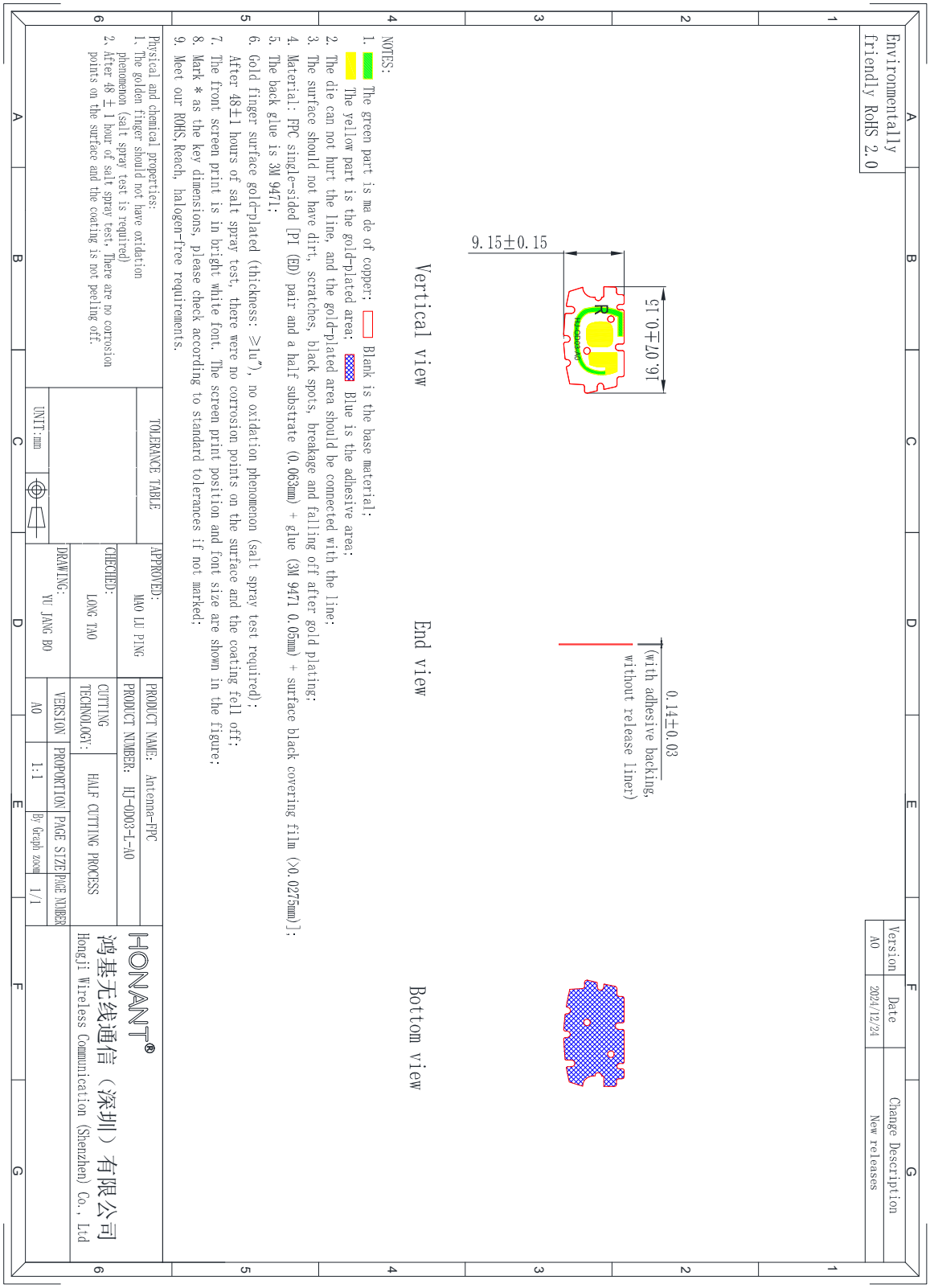
L：



R：



3：3.1 Structural drawing-Left



3：3.2 Structural drawing-Right