

Antenna Sample Datasheet

customer:	Shenzhen Pisaifen Technology Co., Ltd.
entry name:	W30
Material category:	BT antenna
edition:	A1
Date:	2026. 6. 29

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

Directory

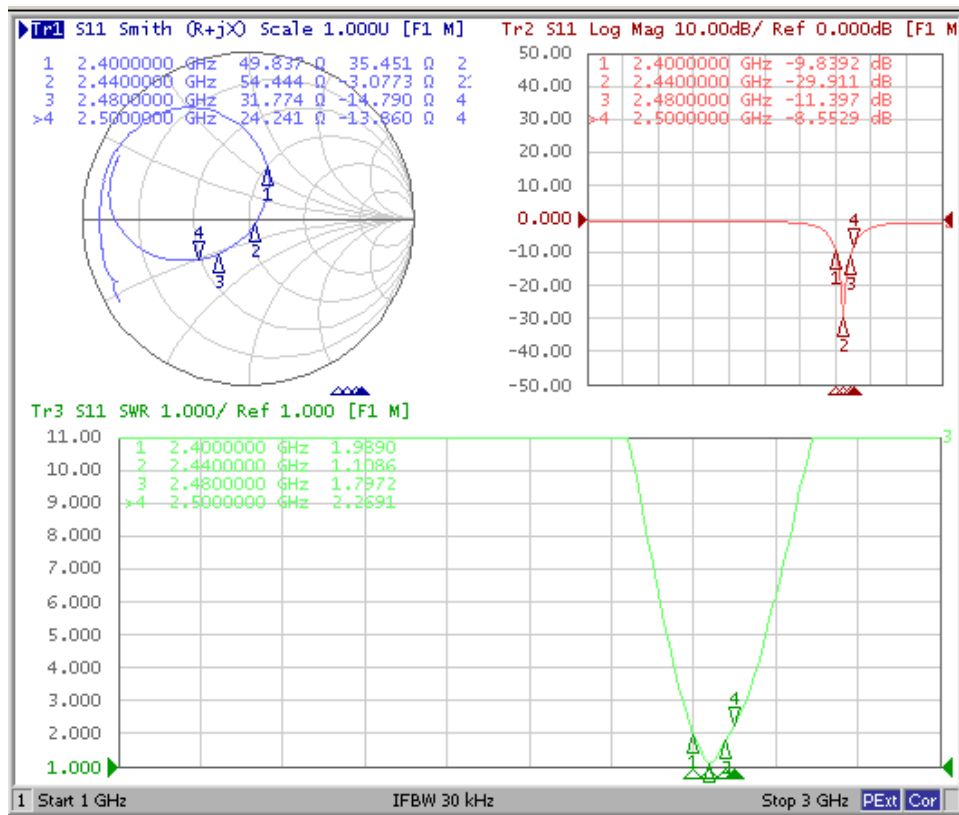
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一: Passive test report

network analyzer(5071B)



BT antenna S11 parameters

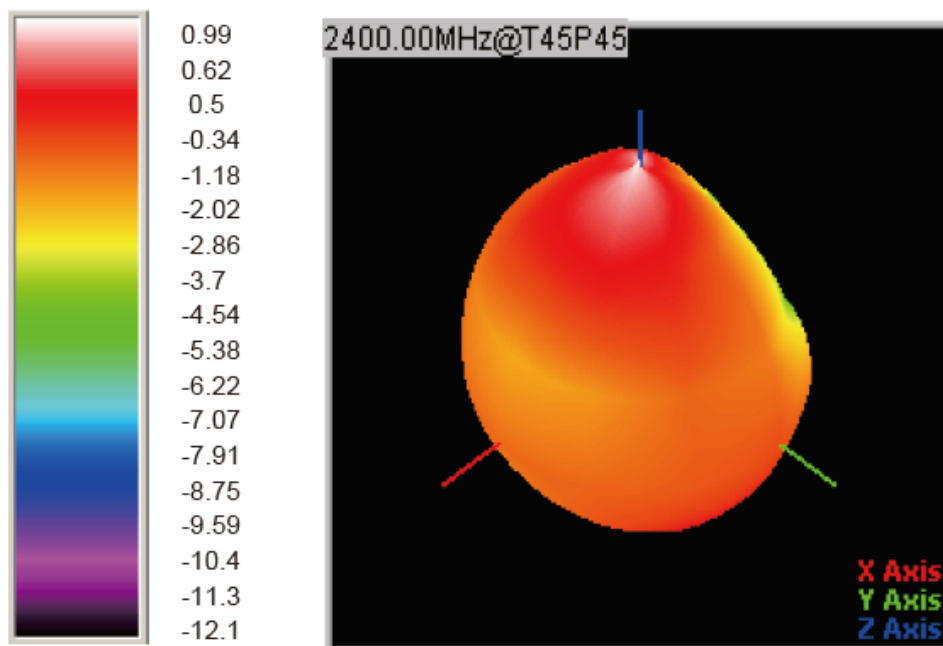


Passive efficiency of antenna-L

Freq(MHz)	Gain(dBi)	Efficiency(%)
L	自由空间	自由空间
2400	0.99	15.24
2410	0.96	16.63
2420	0.76	18.8
2430	0.55	19.01
2440	0.43	18.19
2450	0.65	18.04
2460	0.57	17.28
2470	0.36	16.32
2480	0.53	16.03

3D Gain Pattern (2400MHz) Unit: dBi

© 3D Gain Pattern (2400 MHz)

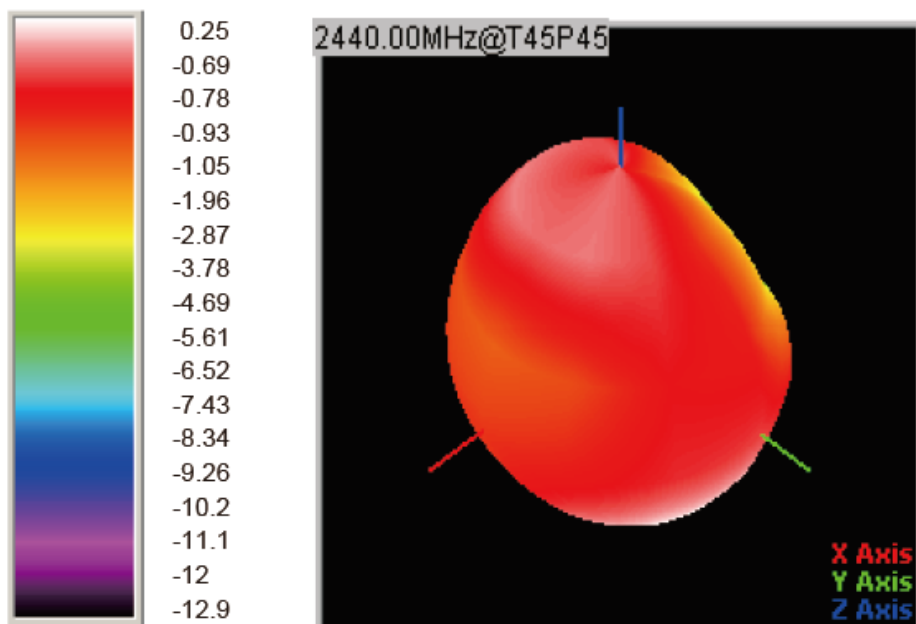


Passive efficiency of antenna-R

Freq(MHz)	Gain(dBi)	Efficiency(%)
R	自由空间	自由空间
2400	-0.56	14.62
2410	0.11	15.33
2420	-0.2	16.61
2430	-0.46	18.26
2440	0.25	18.44
2450	-0.54	17.83
2460	-0.6	17.04
2470	-0.56	16.51
2480	-0.62	15.95

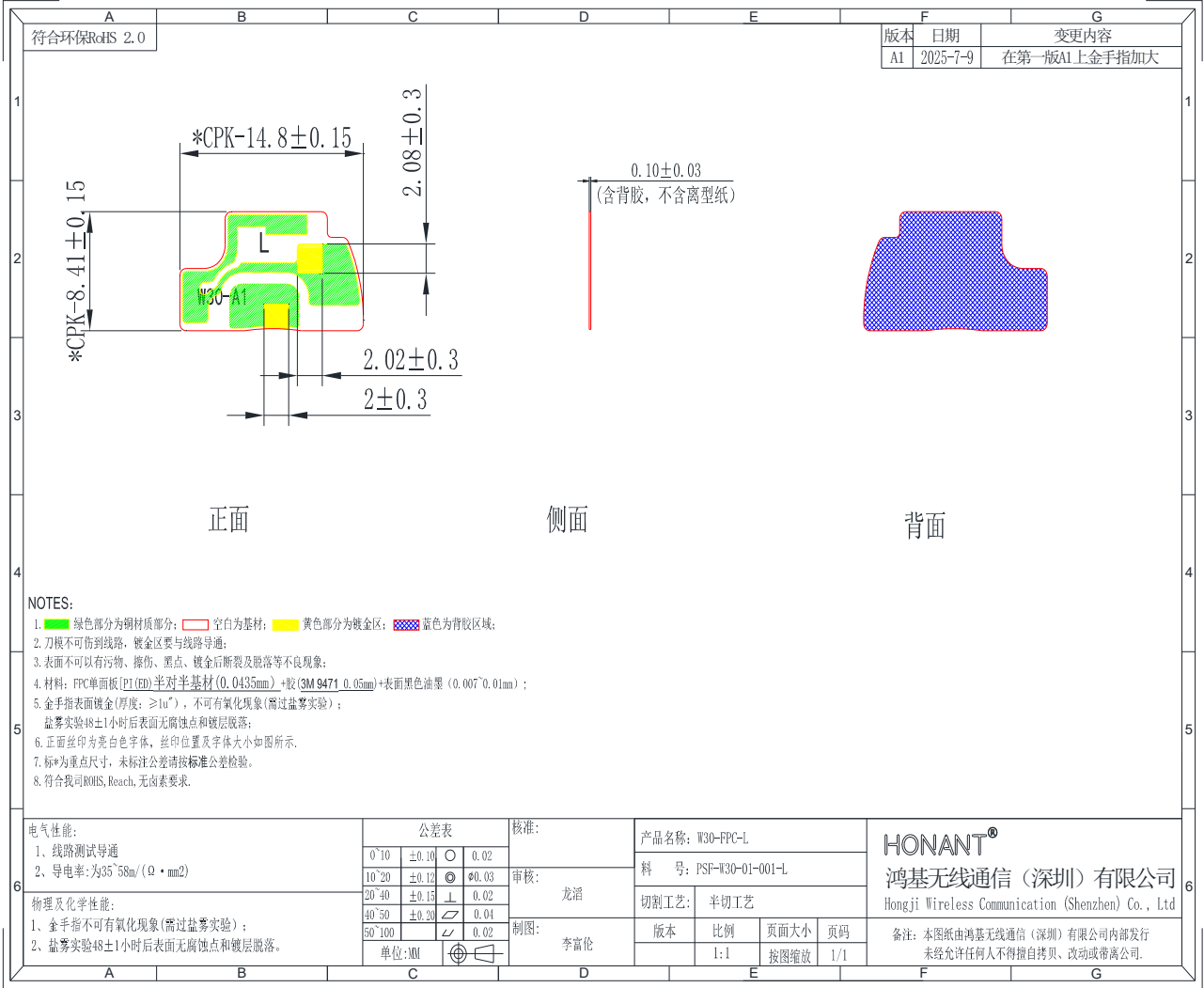
3D Gain Pattern (2440MHz) Unit: dBi

◎ 3D Gain Pattern (2440 MHz)



二： Structure diagram

Left



Right

