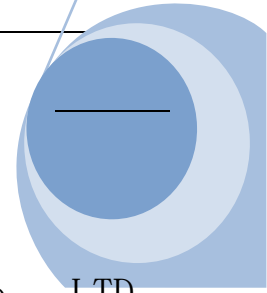


Shenzhen Hongdezhixin Technology Co., LTD

----- Wireless terminal antenna
solution providers and suppliers



Shenzhen Hongdezhixin Technology Co., LTD

Address: 503-504, Building B, Qinghu Science Park,
Longhua New District, Shenzhen

Tel: 0755-21033119

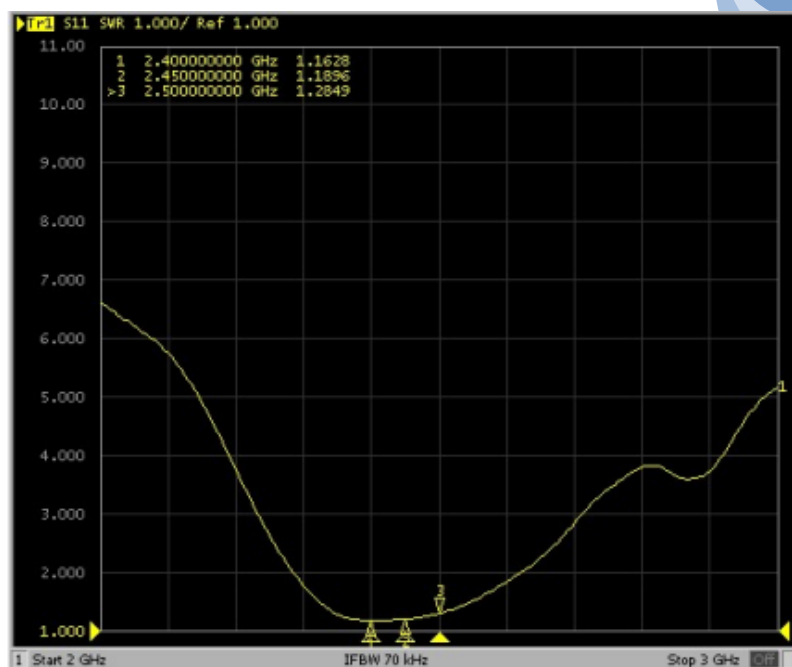
Fax: 0755-21032071



Antenna Design and Testing Report

1. Technical indicators and experimental equipment

Working frequency range	2400 ~ 2480MHz
Antenna type	Copper tube antenna
Length of antenna	170mm
Standing-wave ratio	2400~ 2480MHz: < 1.5
Antenna gain	3.15dBi (Max)
Radiation efficiency	2496 ~ 2690MHz: >60 %
Impedance	50 ohm



电压驻波比 (VSWR)

Frequency (MHz)	Efficiency	Gain (dBi)
2400	37.17%	2.53
2410	35.96%	2.41
2420	34.74%	2.27
2430	34.45%	2.28
2440	34.89%	2.41
2450	35.90%	2.63
2460	37.39%	2.90
2470	39.00%	3.15
2480	40.38%	3.35
2490	40.69%	3.43
2500	40.04%	3.39