

Antenna Report

Company Name: Shenzhen Lianchuangxin Hardware Spring Products Co., Ltd
Address: Floor 1, Building A2,Xin'an No.2 Industrial Zone, Gushu, Xixiang,Bao'an District, Shenzhen City,Guangdong Province, China

Project	R-CHUANLIAN-250717
Specification	UHF Antenna
Antenna Type	Helical
Customer	Shenzhen Jizhida Technology Co., Ltd.
Gain	0 dBi
Efficiency	61%
Frequency	446-468MHz
Return Loss	-13.14dB
Antenna Layout	
Test Date:	2025-07-17

Test Data

1 VSWR and Return Loss

VSWR measurements (S_{11}) were performed using an Agilent ENA series Network Analyzer and the previously described test fixture. Coaxial chokes were used to mitigate surface currents on the outside of the cabling. The testing was performed in free space.



2 Antenna Passive Test

Frequency (MHz)	Effi (%)	Gain (dBi)
468	37	0

