

Testing Report

Customer Name: Shenzhen LiTong Technology Co.,Ltd

Product Name: Spring antenna

Sample Model: EXM300

Issue Date: 2023.10.26

Engineer: Kong xiang hua	Date: 2023.10.25
Auditor: Zhang hai dong	Date:2023.10.26
Approver: Yang hai	Date:2023.10.25

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Version

Version No.	Date	Description	Formulate	Approval
A0	2023.10.24	Antenna test report	Yaihang	

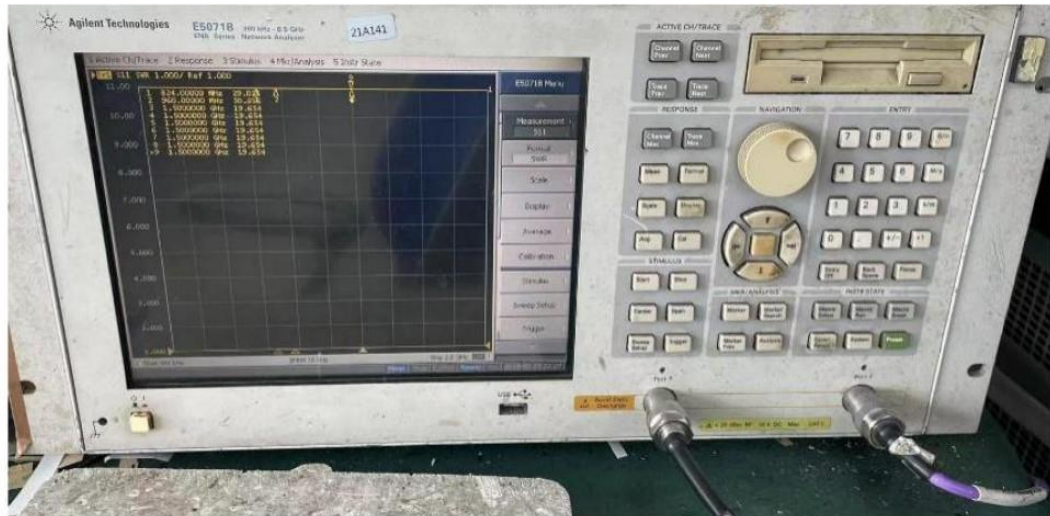
1.General Information

1.1 General information of testing institutions

Name	Shenzhen xīn Lingke Technology Co.,Ltd
Address	Fifth floor, Shenzhen Flour Company office building, North District, High-tech Park, Nanshan District, Shenzhen
Tel	13902948715
E-mail	sales8@kpantenna.com
Equipment	E5071B2: OTA darkroom

1.2 Test equipment

- 1: E5071B
- 2: OTA darkroom

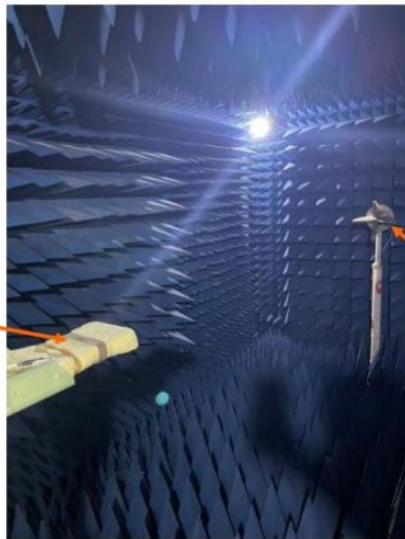


1.3 Test environment

Test photo



DUT position



Speaker and antenna location

2.1 Description of Spring antenna(EXM300)

Product Name	Spring antenna
Sample Model	EXM300
Size	∅ 5.6*100.2mm
Serial No.	332020132
Test Item	Antenna gain; Radiation pattern and efficiency
Frequency Range	156-162MHz
Antenna form	monopole

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2.2 Antenna appearance



3.3 Test data

Freq (MHz)	Effi (%)	Gain (dBi)
156	10.84	-5.18
157	11.63	-4.77
158	12.76	-4.45
159	13.39	-3.52
160	10.63	-4.56
161	10.95	-4.32
162	10.89	-4.93

