

# 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	

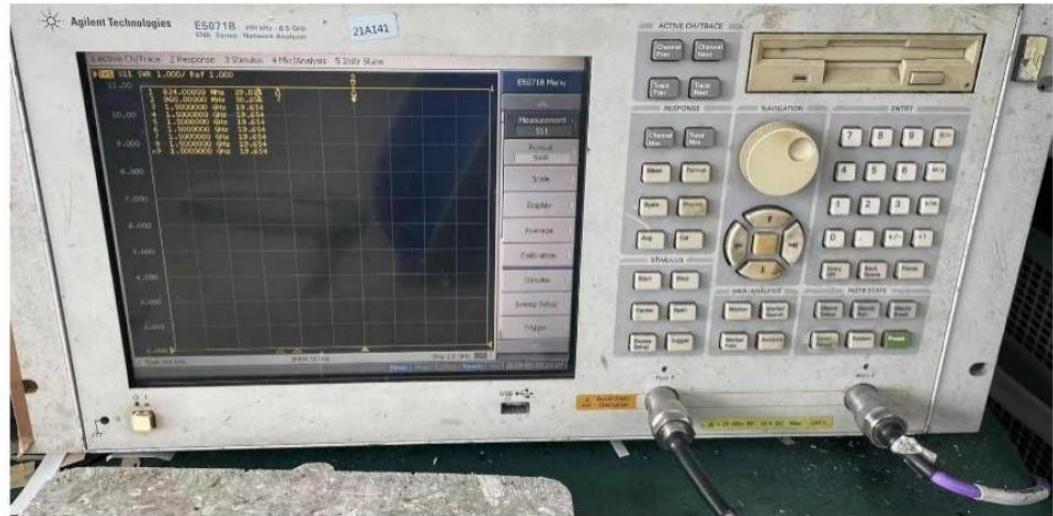
## 1.General Information

## 1.1 General information of testing institutions

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

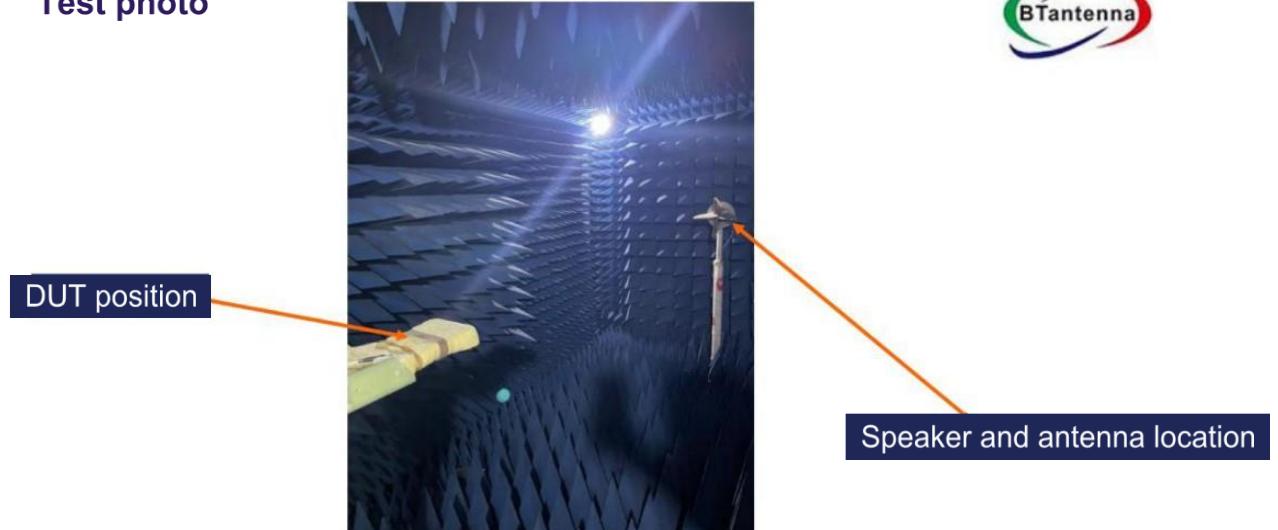
## 1.2 Test equipment

- 1: E5071B
- 2: OTA darkroom



## 1.3 Test environment

### Test photo



## 2.1 Description of Spring antenna(EXM300)

<b>Product Name</b>	Spring antenna
<b>Sample Model</b>	EXM300
<b>Size</b>	$\varnothing 5.6*100.2\text{mm}$
<b>Serial No.</b>	332020132
<b>Test Item</b>	Antenna gain; Radiation pattern and efficiency
<b>Frequency Range</b>	156-162MHz
<b>Antenna form</b>	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

