

# Spring Antenna

## Product Specification

Customer	Huizhou LFY Technology Co., Ltd	Frequency Band	462.55~462.725 MHz 467.5625 ~467.7125MHz
Name	Spring Antenna	Version	A1
Customer part number	T68	Pengji part number	T68
Designer	Manager Li	Date	2023/12/4

### 1: Picture



## 2: Product Parameters

<b>Product Parameters</b>			
Name	Spring Antenna	Model Type	T68
<b>Electrical Performance Indicators</b>			
Frequency Range	462.55~462.725 MHz 467.5625 ~467.7125MHz	Polarization	Vertical
Impedance	50 Ω	Radiation Direction	Omnidirectional
Gain	-5.09 dBi		
<b>Mechanical Specifications</b>			
Dimensions	45*6.5mm/Φ0.8mm	Chassis Color	White
Connector	Welding	Chassis Material	Stainless Steel
Working Temperature	-40℃~+85℃	Limit Temperature	-40℃~+85℃

## 3: Manufacturer information

Shenzhen Pengji Hardware Spring Co., Ltd.

【Telephone】 0755-89960638

【Address】 Shenzhen City, Pingshan District, Longtian Street Office, Dawo Mingguan Industrial Zone, Factory Building, Building 1, 4th Floor.

## ANNEX A TEST RESULTS

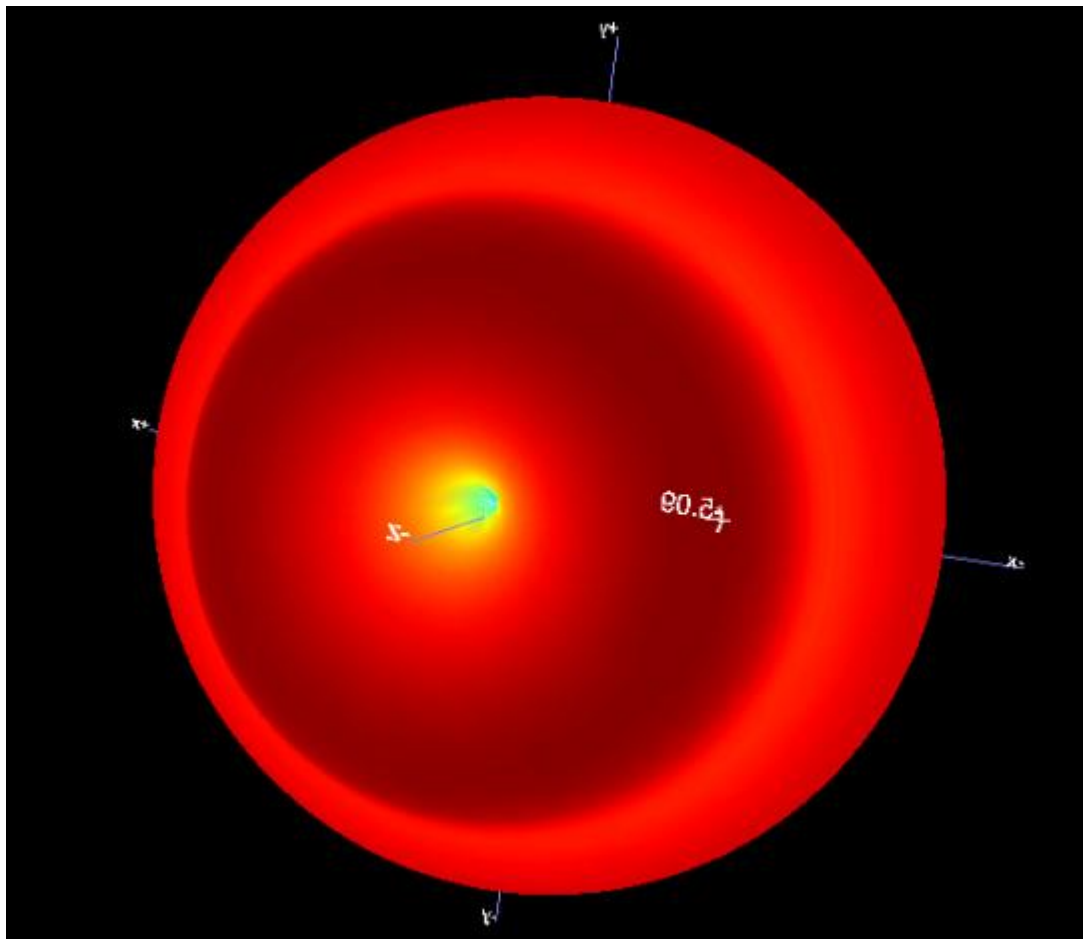
### A.1 Frequency And Gain

Frequency	Gain (dBi)
462.55MHZ	-5.09
462.58MHZ	-5.09
462.61MHZ	-5.09
462.63MHZ	-5.09
462.66MHZ	-5.09
462.68MHZ	-5.09
462.71MHZ	-5.09
467.56MHZ	-5.09
467.58MHZ	-5.09
467.61MHZ	-5.09
467.63MHZ	-5.09
467.66MHZ	-5.09
467.68MHZ	-5.09
467.71MHZ	-5.09
462.55MHZ	-5.09
462.57MHZ	-5.09
462.60MHZ	-5.09
462.62MHZ	-5.09
462.65MHZ	-5.09
462.67MHZ	-5.09
462.70MHZ	-5.09
462.7250 MHZ	-5.09

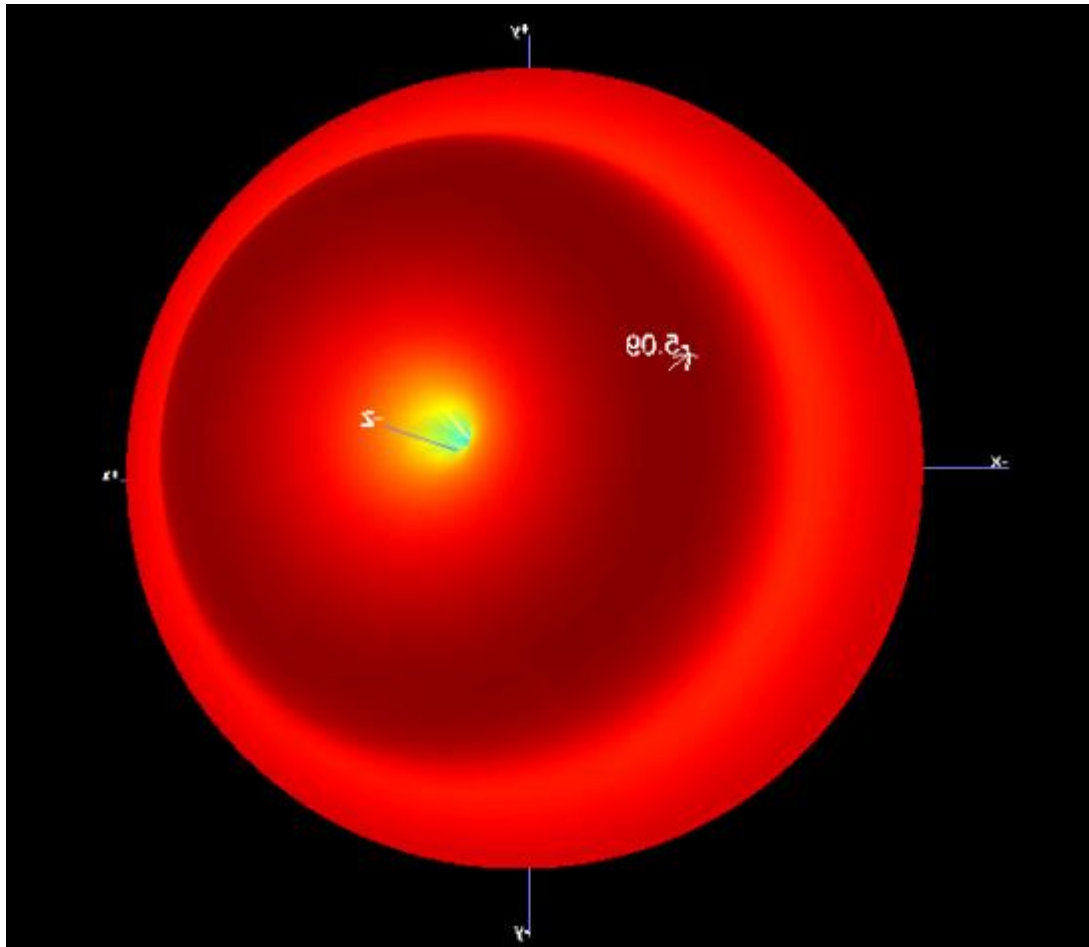
## ANNEXB RADIATION PATTERN

### B.1 3D Pattern

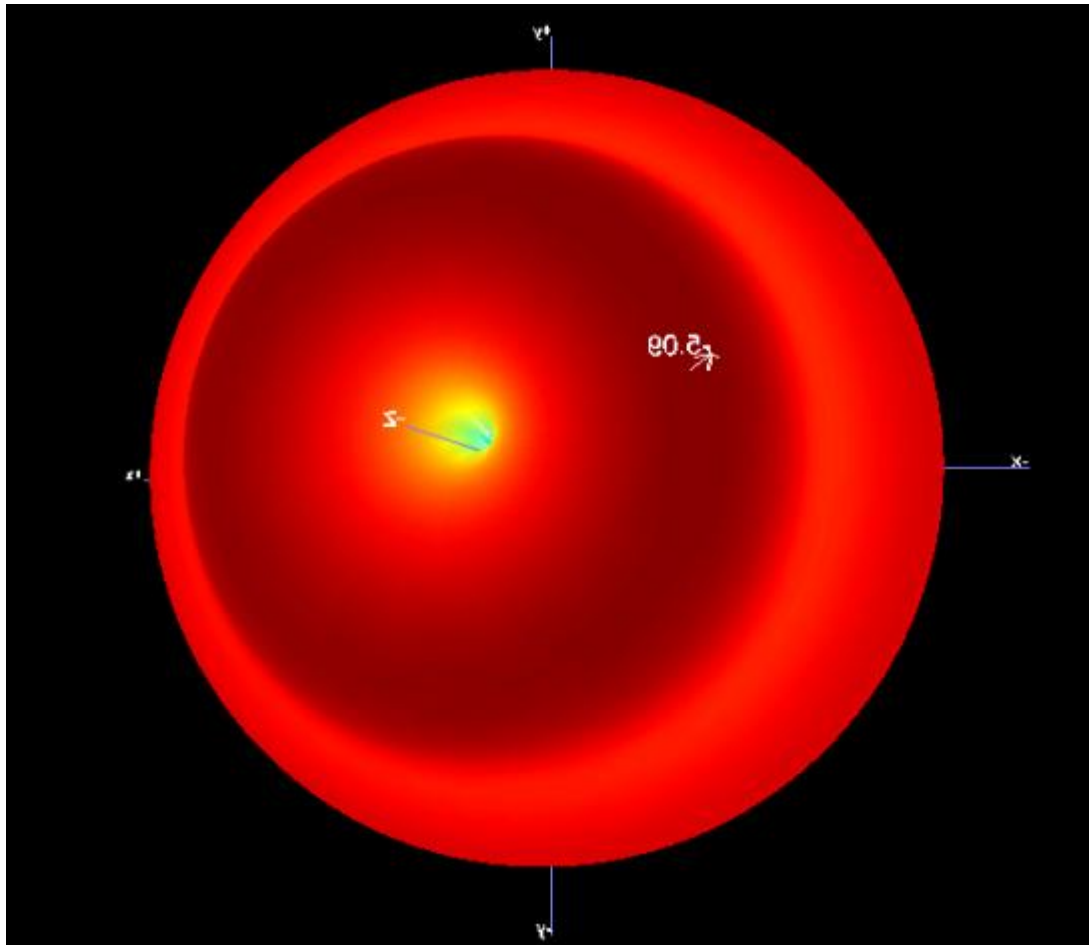
#### B1.1 3D Pattern for 462.55MHz



B1.2 3D Pattern for 467.58MHz

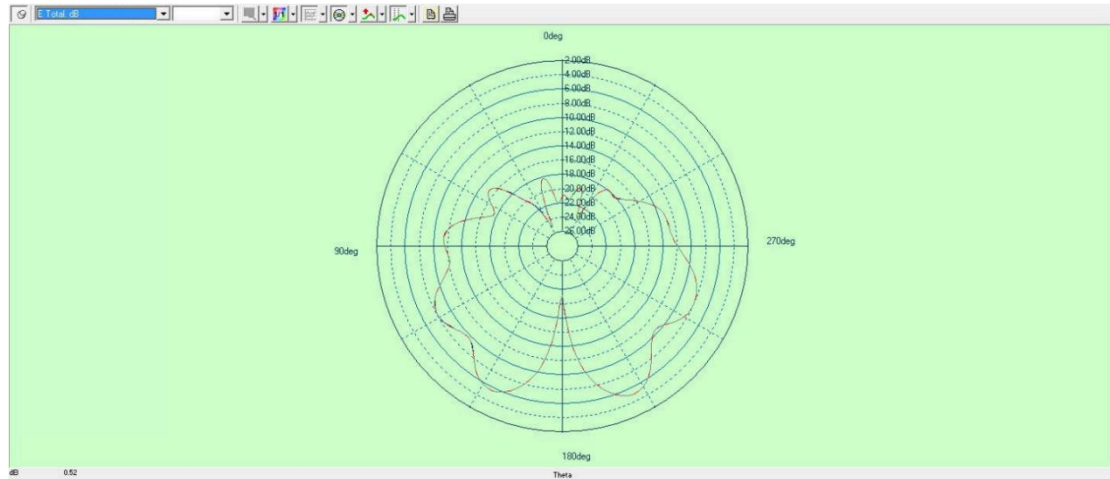


B1.3 3D Pattern for 462.7250 MHz

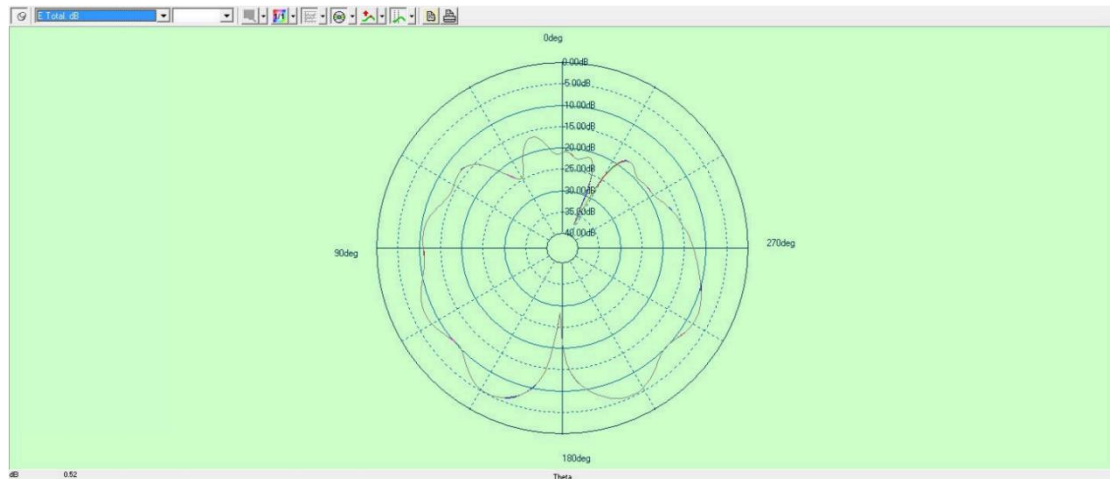


## B.2 1D Radiation Pattern

### B2.1 PHI=0



### B2.2 PHI=90



### B2.3 THETA=90

