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# Antenna Specification

Manufacture: Hi-Link

Product Name: HLK-LD2410B Antenna

Antenna Type: PCB

Test Date : 2023. 11.24

Shenzhen Hilink Electronics Co., LTD.

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# 1. General Description

Product Name	HLK-LD2410B Antenna
Product model	HLK-LD2410B
Antenna Type	PCB Antenna
Test Items	Gain; Efficiency; Radiation Pattern
Test Frequency	24000-24250MHz

## 2. Test Configurations

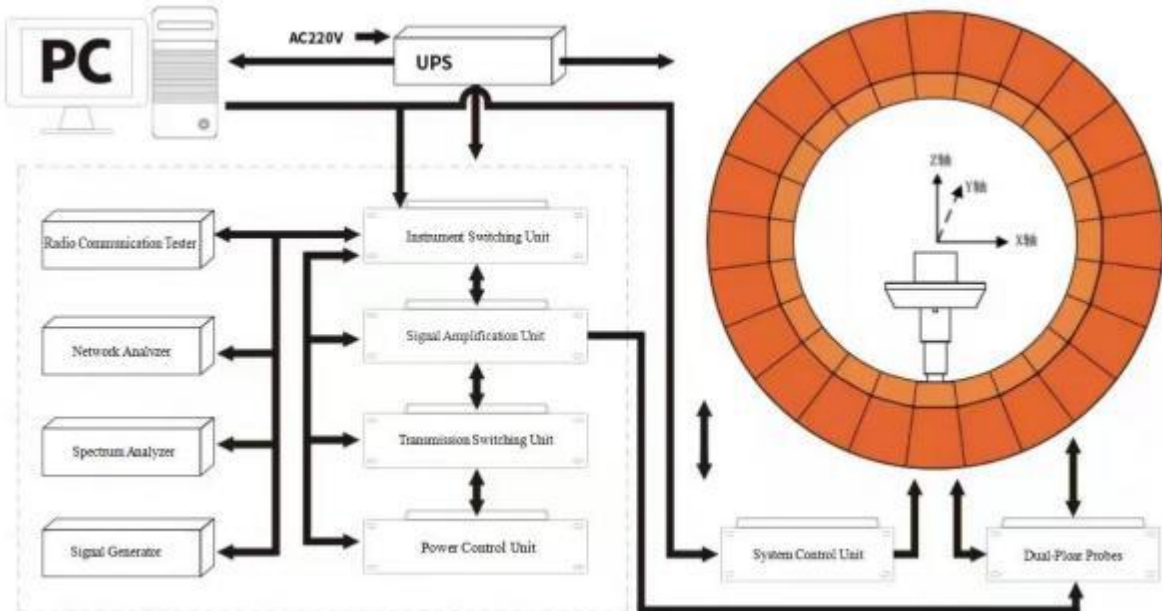
### 2.1 Test Environment

Temperature (°C)	25
Humidity (%RH)	60
Atmospheric Pressure (kPa)	100.5

### 2.2 Test Equipment

Test System	TEM 24 Multi-probe Microwave Chamber
Test Instrument	Agilent E5071B

### 2.3 Test Principle



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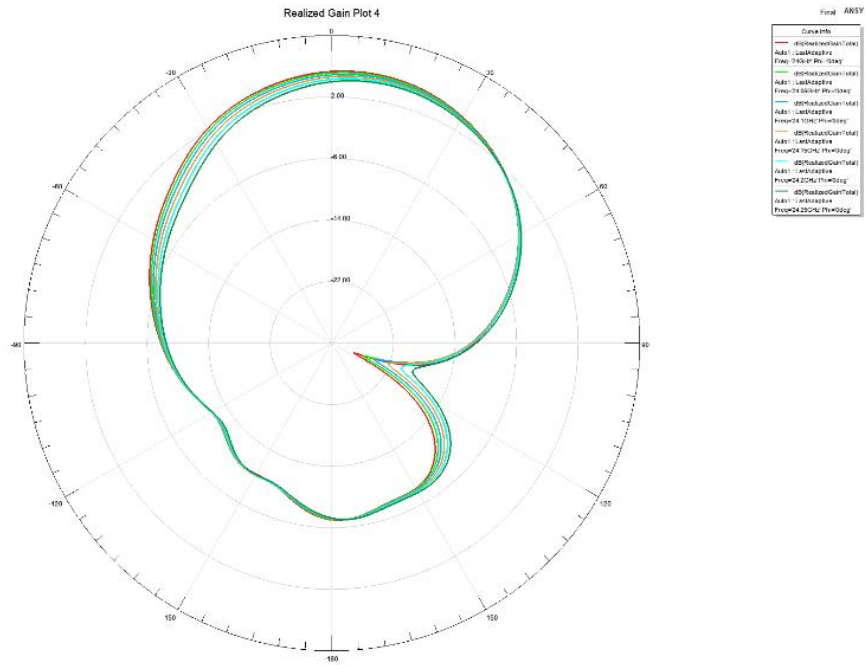
## 3. Test Results

### 3.1 Gain and Efficiency

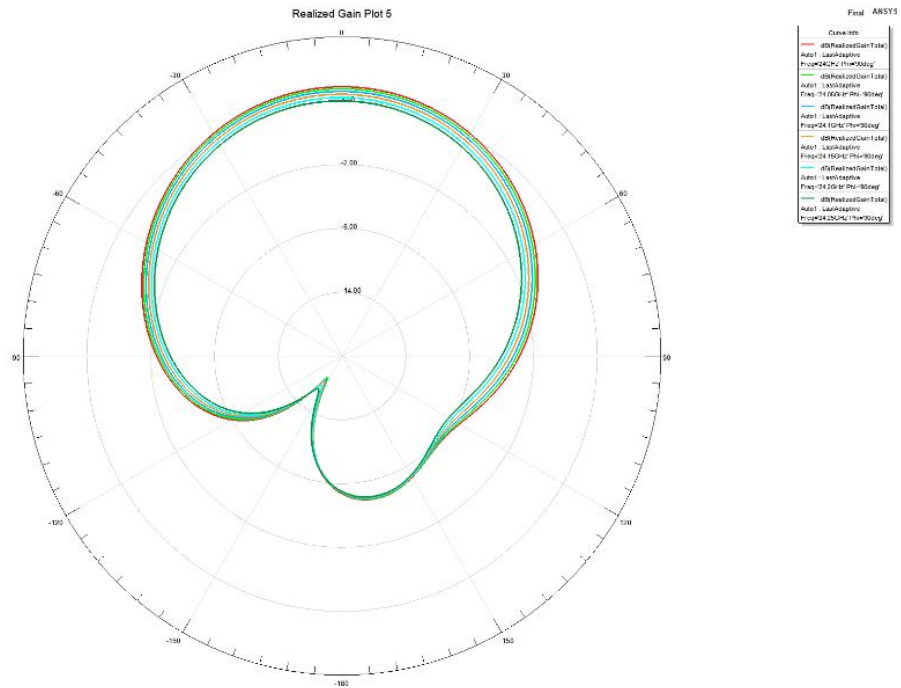
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
24000	5.00	76.2%
24050	5.10	78.5%
24100	4.87	77.2%
24150	4.59	76.3%
24200	4.30	75.4%
24250	3.98	74.3%

## 3.2 Radiation Pattern

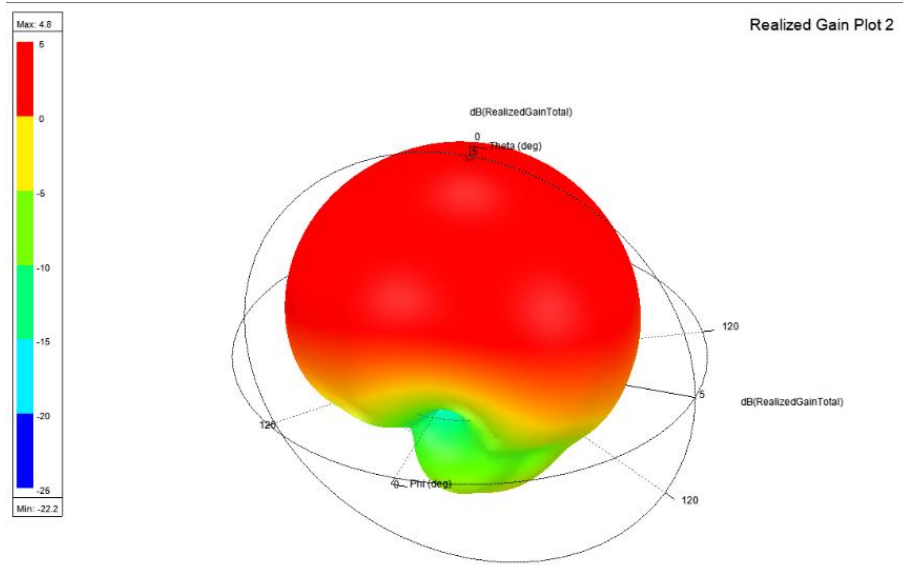
Phi 0 2D



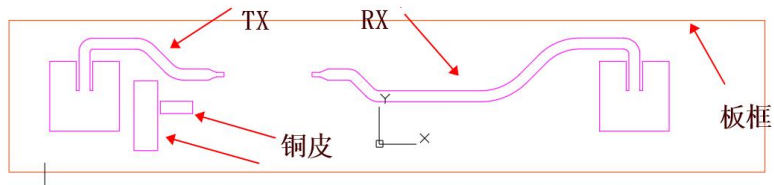
Phi 90 2D



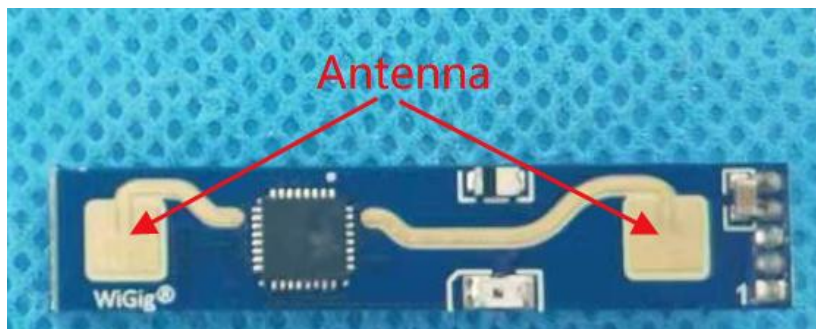
### 3D



## 4. Antenna



## 5. EUT Photo



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## 6. Test Setup Photo

