
Antenna Specification

Manufacture: Hi-Link

Product Name: HLK-LD2410B Antenna

Antenna Type: PCB

Test Date : 2023. 11.24

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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

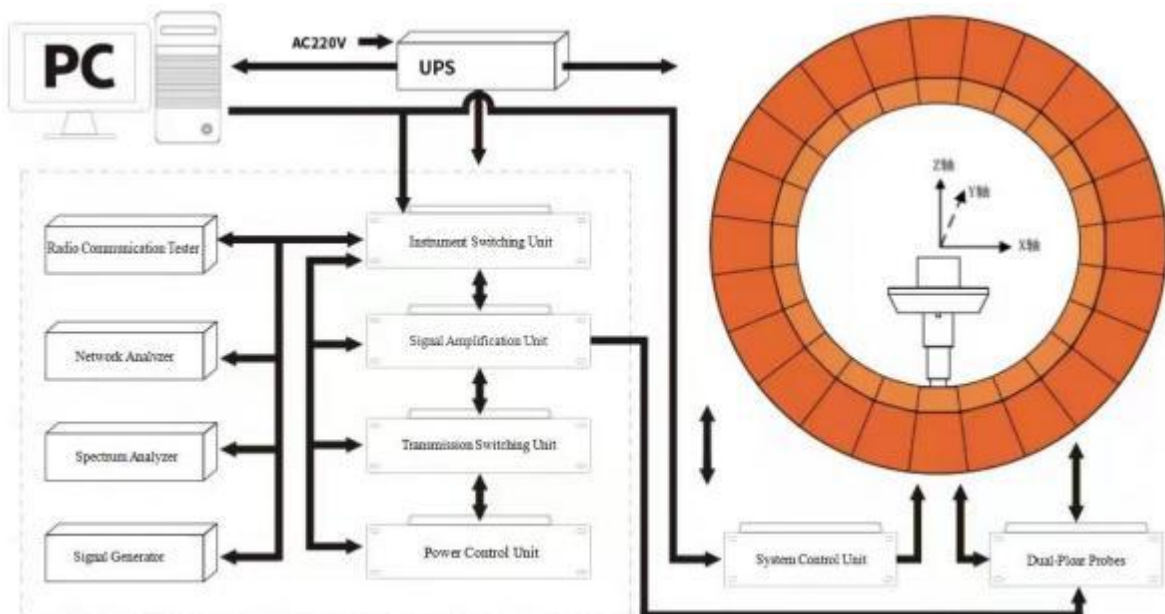
2.1 Test Environment

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



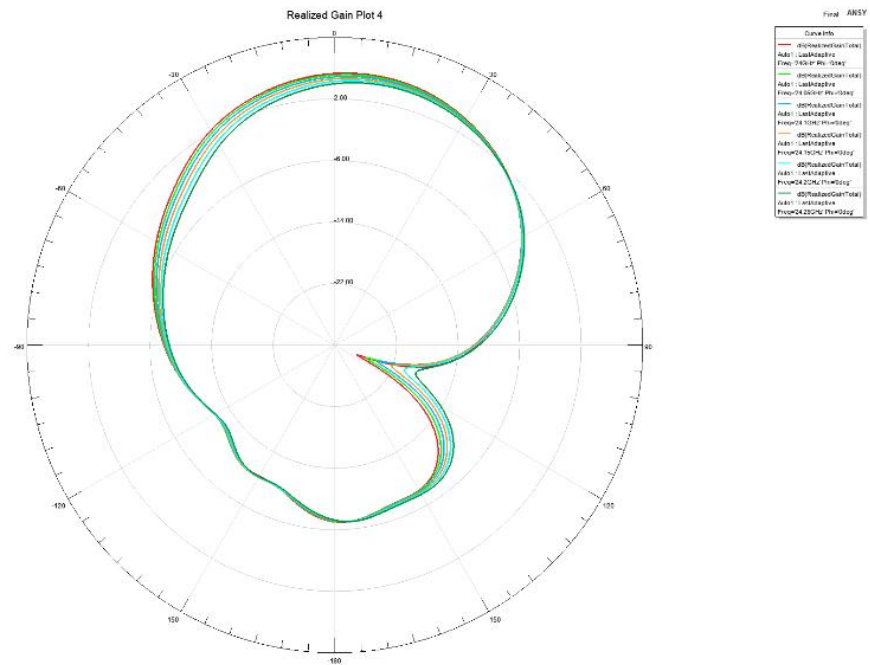
3.Test Results

3.1 Gain and Efficiency

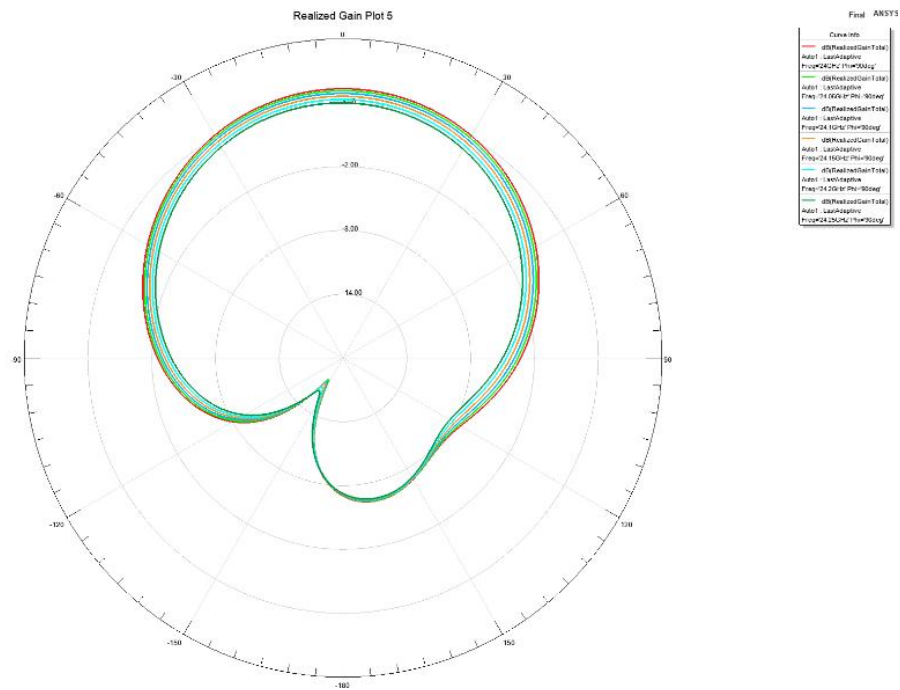
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
24000	5.00	76.2%
24050	5.10	78.5%
24100	4.87	77.2%
24150	4.59	76.3%
24200	4.30	75.4%
24250	3.98	74.3%

3.2 Radiation Pattern

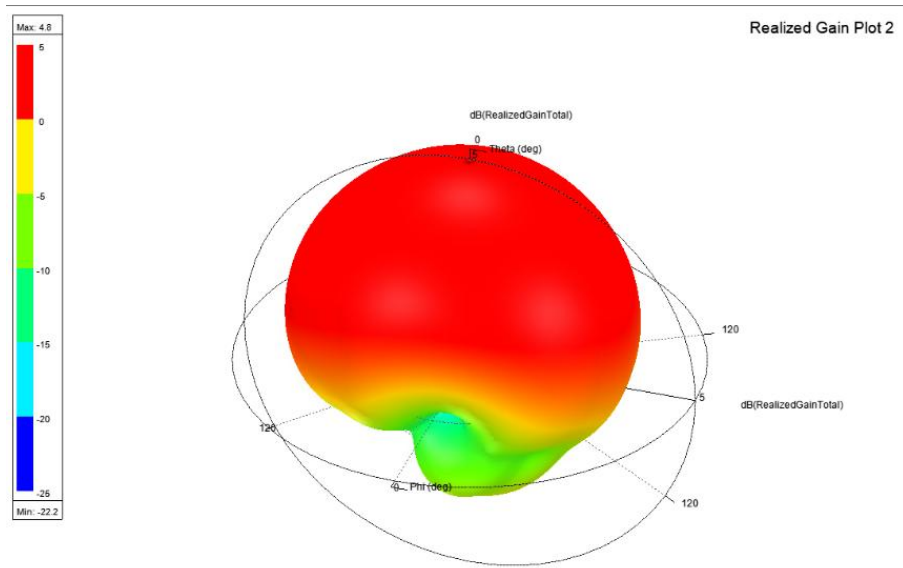
Phi 0 2D



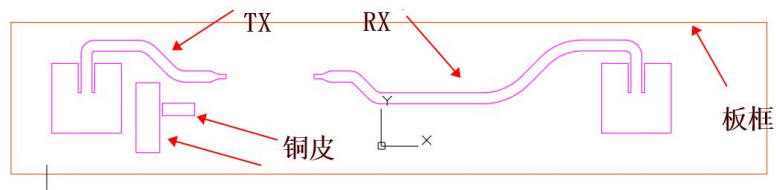
Phi 90 2D



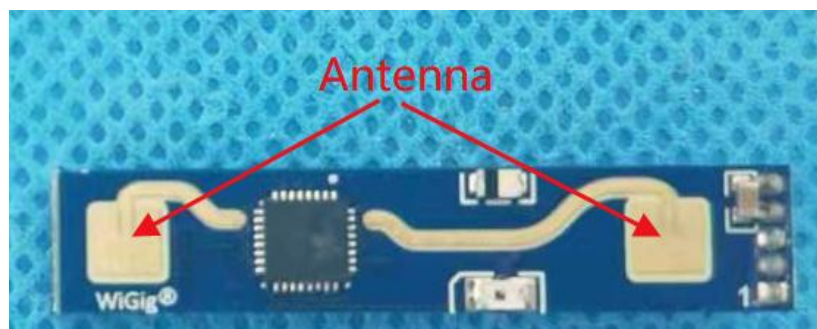
3D



4. Antenna



5. EUT Photo



6.Test Setup Photo

