

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: Dongguan Lei Aisen Electronic Technology Co., LTD

Product Name: 2.4GHz Antenna for Ring Phone Remote

Model: GF74 FB-67

Report No.: SSP23020055A

Tested Date: 2023-02-20

Issued Date: 2023-02-20

Tested By: William Liu (Engineer) *William Liu*

Approved By: Lahm Peng (Manager) *Lahm Peng*

Prepared By:

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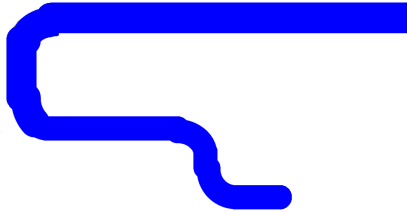
Website: www.zrklab.com

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen ZRLK Testing Technology Co., Ltd.

1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	Dongguan Lei Aisen Electronic Technology Co., LTD
Address of Manufacturer:	Room 301, Building 3, No.49, Jinshan Road, Chashan Town, Dongguan City, Guangdong Province

General Description of Antenna	
Product Name:	2.4GHz Antenna for Ring Phone Remote
Model No.:	GF74 FB-67
Frequency Range:	2400MHz-2500MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	-0.91dBi (Max.)
Impedance:	50 ohm
Antenna View (9mm*3.5mm)	
	

1.2 Test Methodology

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

1.3 Test Facilities

Testing Lab: Shenzhen ZRLK Testing Technology Co., Ltd.
All measurement facilities used to collect the measurement data are located at 1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

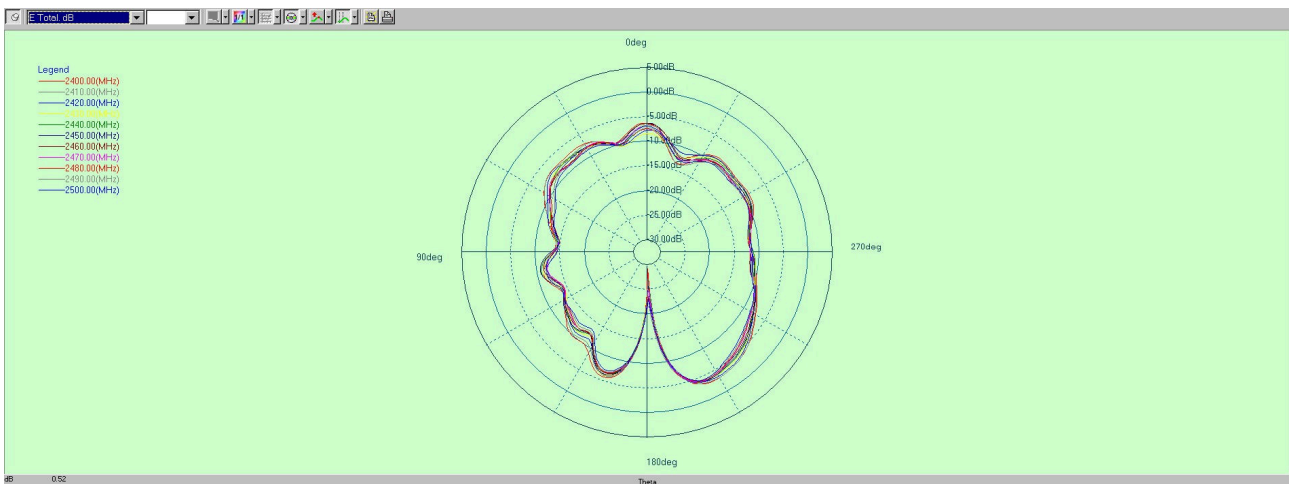
2. OTA Test

2.1 Gain

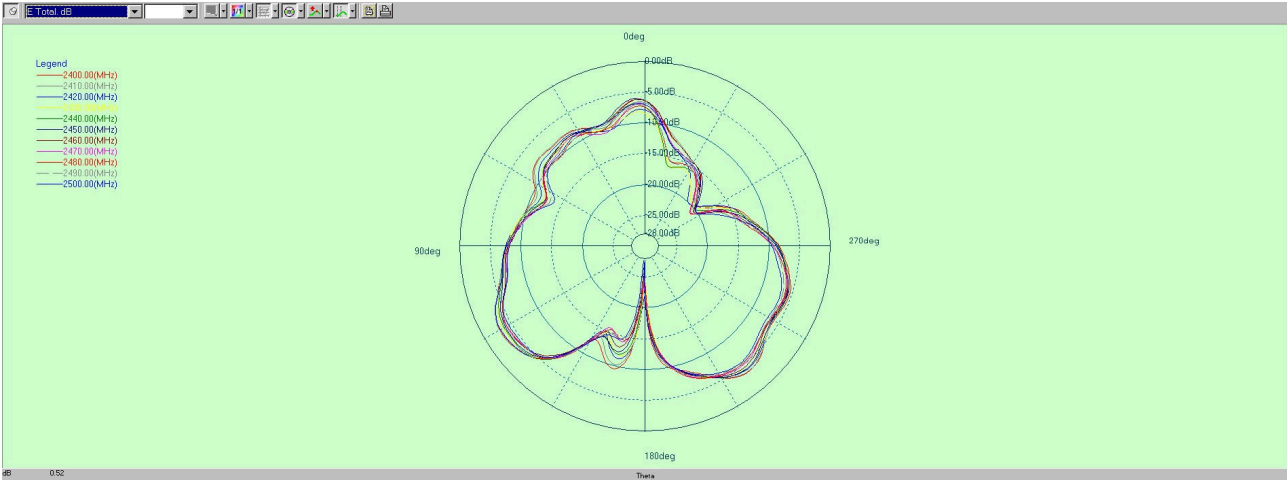
Frequency	Peak Gain (dBi)	Efficiency
2410MHz	-1.01	23%
2420MHz	-0.91	24%
2430MHz	-0.98	24%
2440MHz	-1.15	24%
2450MHz	-1.22	25%
2460MHz	-1.24	25%
2470MHz	-1.30	25%
2480MHz	-1.13	25%
2490MHz	-1.23	26%
2500MHz	-1.24	26%

2.2 Radiation Pattern View

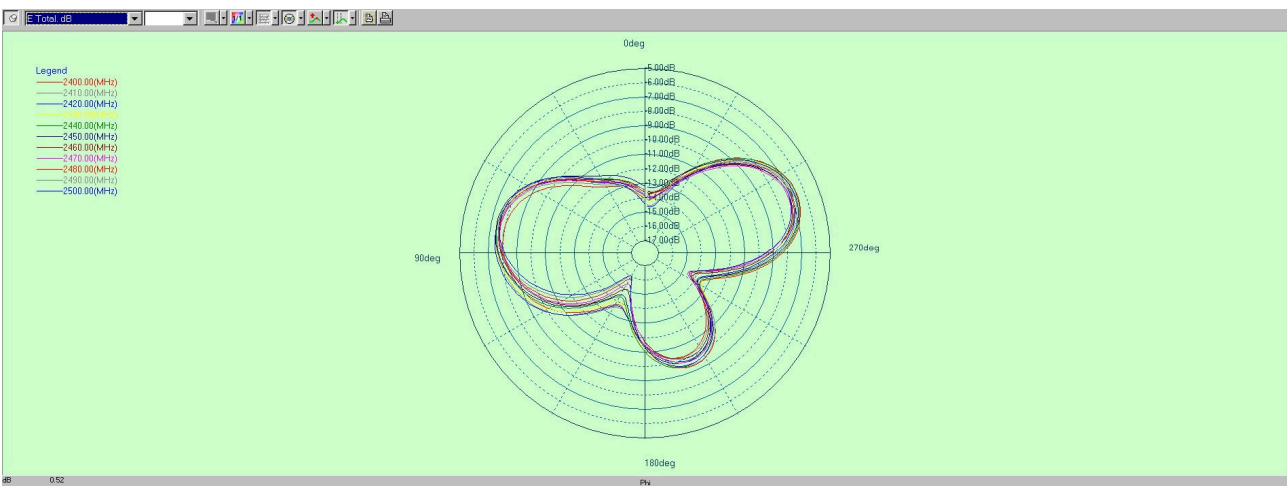
Phi = 0



Phi = 90



Theta = 90



2.3 Test Setup View

