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生效日期: 2026-6-2

东莞市合康电子有限公司

Dongguan Hekang Electronic co., LTD

FPC Antenna

承 认 书

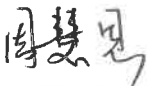
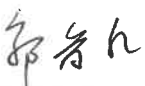
客户名称: 惠州市锦好医疗科技股份有限公司	制造商: 东莞市合康电子有限公司
客户料号:	产品型号 : 0809 FPC Antenna, (B) , 2400MHz, TypeF002 (A36D-L)
部 品 名: 天线	产品料号 : ANF0809B2400F002
	版本: A01

客户接受

This Specifications is received

签 章 SIGN:

接受日 DATE:

拟 制 Drawn by	审 核 Checked by	批 准 Approved by
		

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2.4GHz FPC Antenna: ANF0809B2400F002

Application:

WLAN, 802.11b/g, Bluetooth, etc...

Features

High reliability, ultra Impact, Omni-directional...

Part number

ANF 0809 B 2400 F0 02
(1) (2) (3) (4) (5) (6)

(1) Product Code	FPC Antenna
(2) Size Code	7.97x8.5mm
(3) Packing	IN Bulk
(4) Frequency	2400MHz
(5) Series	F0
(6) Type	02

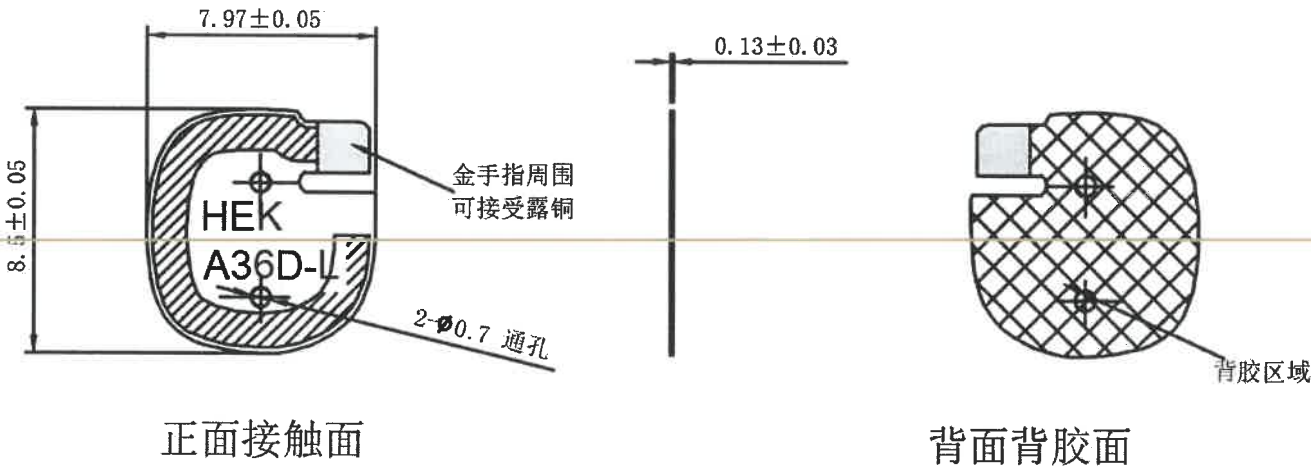


Electrical Specification

Working Frequency Range	2402~2480MHz
Peak Gain	-1.31dBi
Impedance	50 Ohm
VSWR	2.0 Max
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Operation Temperature(°C)	-30~70°C

The specification is defined on A36D-L.

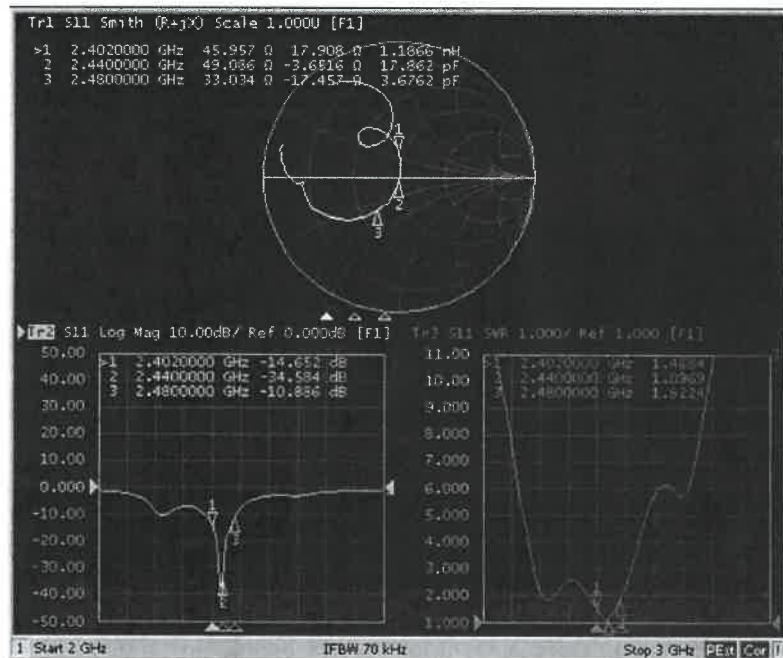
Dimension and Terminal Configuration



2.4GHz FPC Antenna: ANF0809B2400F002

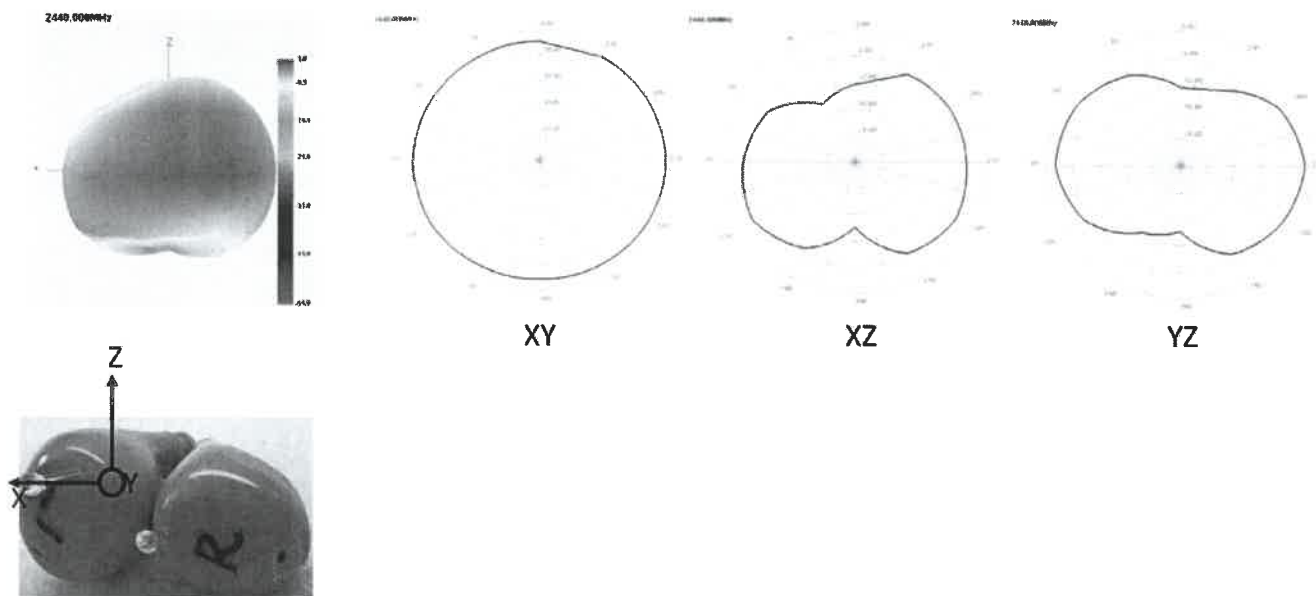
Electrical Characteristics

Return loss & Smith & VSWR



Item	Value		
	2402 (MHz)	2441 (MHz)	2480 (MHz)
Return loss(dB)	-14.65	-34.58	-10.88
Smith chart	45.95	49.08	33.03
VSWR	1.46	1.09	1.82

Radiation Pattern



Frequency (MHz)	Efficiency (%)	Mean gain (dBi)	Peak Gain (dBi)
2400	24.73	-5.35	-2.27
2410	27.67	-5.26	-2.25
2420	25.13	-5.10	-2.21
2430	26.56	-4.96	-2.22
2440	26.34	-4.9	-1.93
2450	27.58	-4.87	-1.92
2460	26.55	-5.01	-1.31
2470	25.54	-5.15	-1.46
2480	28.41	-5.03	-1.35

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Revision History

Version	Date	Description
Ver.01	June. 2026	New issue.

June. 2026 Ver.01

