

# SPECIFICATION FOR APPROVAL

DESCRIPTION : 內建天線 2.4GHz 1.13 +U.FL L=145mm

CUSTOMER DWG. NO. /PART NO : \_\_\_\_\_

KINSUN PROD. NO : 6670113050-145

DATE : 2013/08/26

PLEASE RETURN TO US ONE COPY OF “ SPECIFICATION FOR APPROVAL ” WITH YOUR APPROVED SIGNATURES

## APPROVED SIGNATURES



慶陞工業股份有限公司  
KINSUN INDUSTRIES INC.

桃園縣平鎮市關爺東路 32 號

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e-mail: infoa@kinsun.com

# SGS

Certificate TW97/10964

The management system of

## KINSUN INDUSTRIES INC.

NO. 32, GUANYE EAST ROAD, PINGJHEN CITY,  
TAOYUAN HSIEN, TAIWAN

has been assessed and certified as meeting the requirements of

## ISO 9001:2008

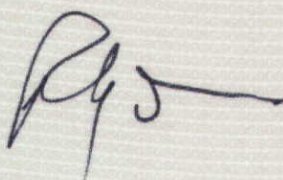
For the following activities

**Design and manufacture of connector for telecomm & ICT, RF-  
Antenna, Stamping- parts.**

Further clarifications regarding the scope of this certificate and the applicability of  
ISO 9001:2008 requirements may be obtained by consulting the organisation

This certificate is valid from 7 October 2010 until 13 October 2012 and  
remains valid subject to satisfactory surveillance audits.  
Re certification audit due before 27 September 2012  
Issue 6. Certified since 13 October 1997

Authorised by



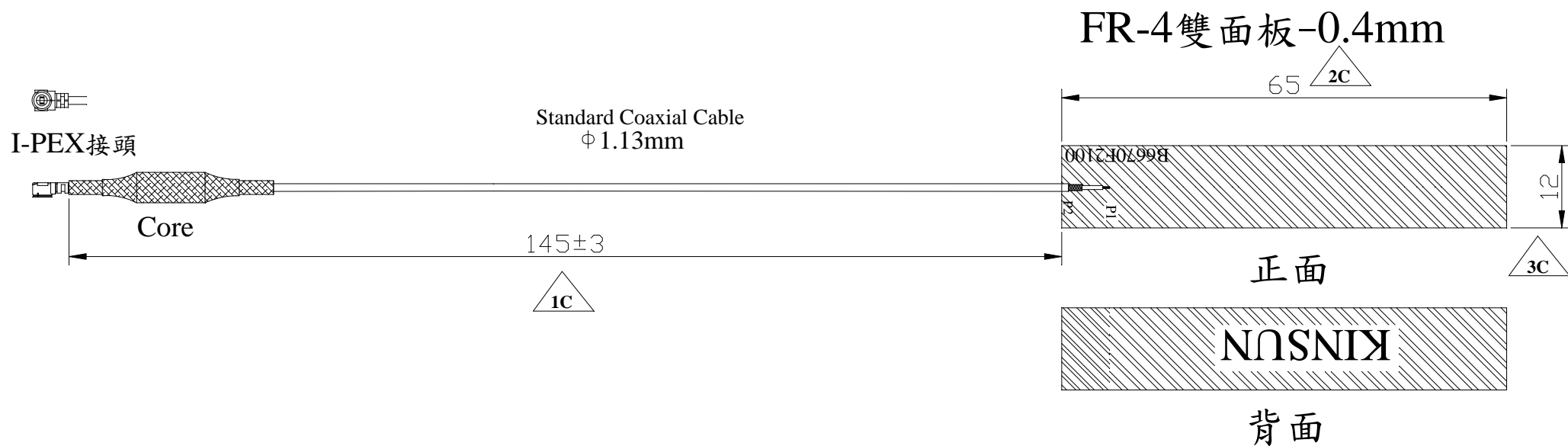
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SGS 9001-8 01 1109

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RoHS COMPLIANT



Frequency Rang :2.4~2.5GHz  
Impedance :50 $\Omega$   
V.S.W.R : $\leq 2.0$   
Radiation :Direcrion  
Peak Gain : $\leq 2.0\text{dBi}$   
Polarization :Linear

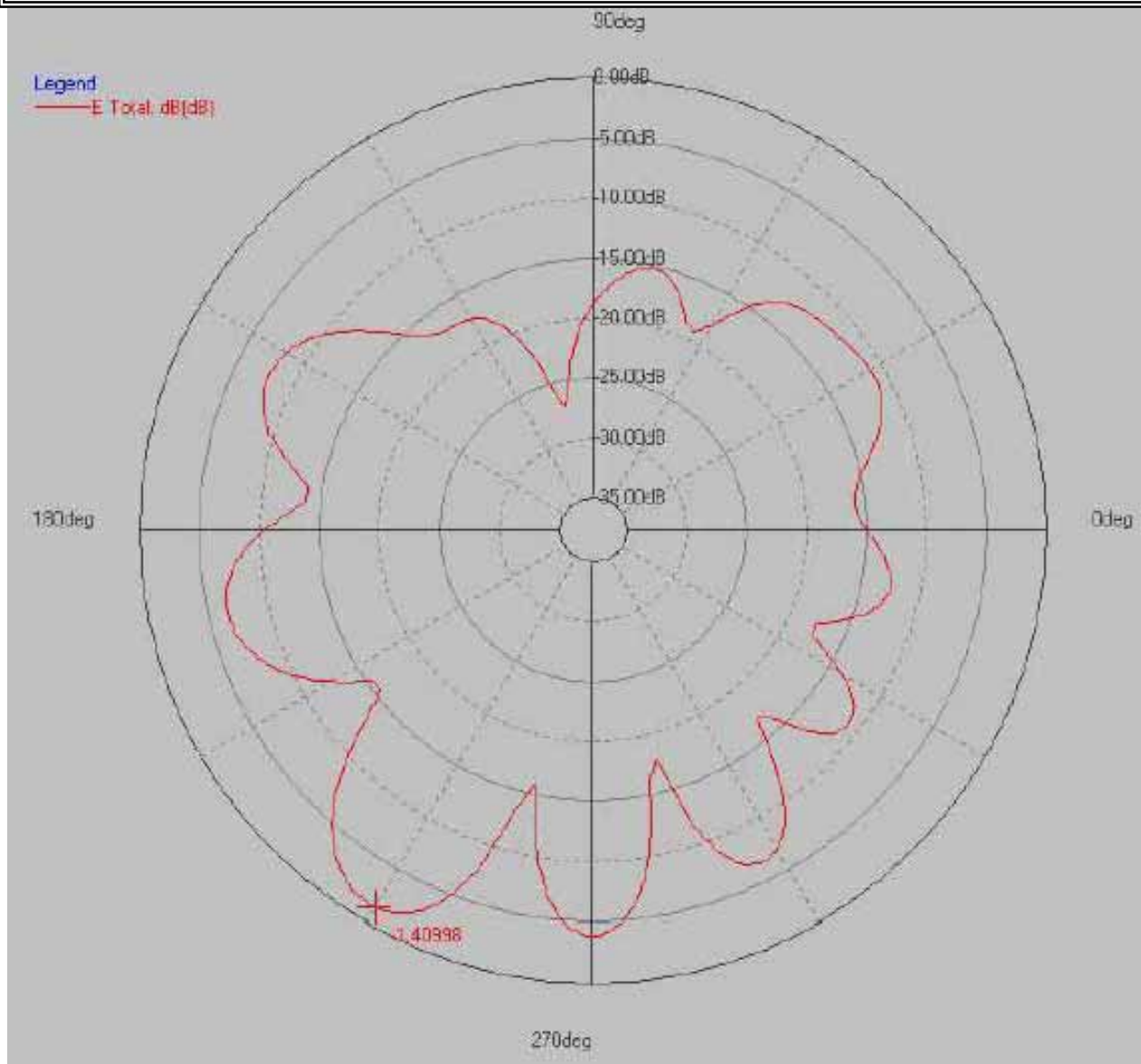
|                                  |                                 |                                       |  |  |
|----------------------------------|---------------------------------|---------------------------------------|--|--|
| 設計 DR.<br>Wind-Kuo<br>2009/12/09 | 核准 APPD.<br>Jerry<br>2009/12/09 | 容許公差<br>.XXX<br>.XX<br>.X<br>X<br>ANG | TOLERANCE<br>$\pm 0.10$<br>$\pm 0.25$<br>$\pm 0.38$<br>$\pm 0.50$<br>$\pm 3^\circ$ | 品名<br>ARTICLE 2.4GHz-PCB-PIFA-Core-I-PEX |
| 版本說明<br>REVISION NOTE            |                                 | 圖號<br>DWG NO. 6670113050-145          |  | 單位 UNIT<br>mm                            |
| 修改 LOGO 方向                       |                                 | 比例 SCALE 張數 SHEET 1/1                 |  | 版本 REV. B                                |
| KINSUN                           |                                 |                                       |  |  |



Brand / Model : 6670113050-145

Remark : 2450MHz

Tested by : Wind-Kuo



-- : Max. deg

\*Unit : dBi

Frequency(MHz) : 2450.00

Pattern Field : E plane

Average Gain(dB) : -11.08dB

Maximum Gain(dB) : -1.41dB

Maximum Gain(degree) : -120.0

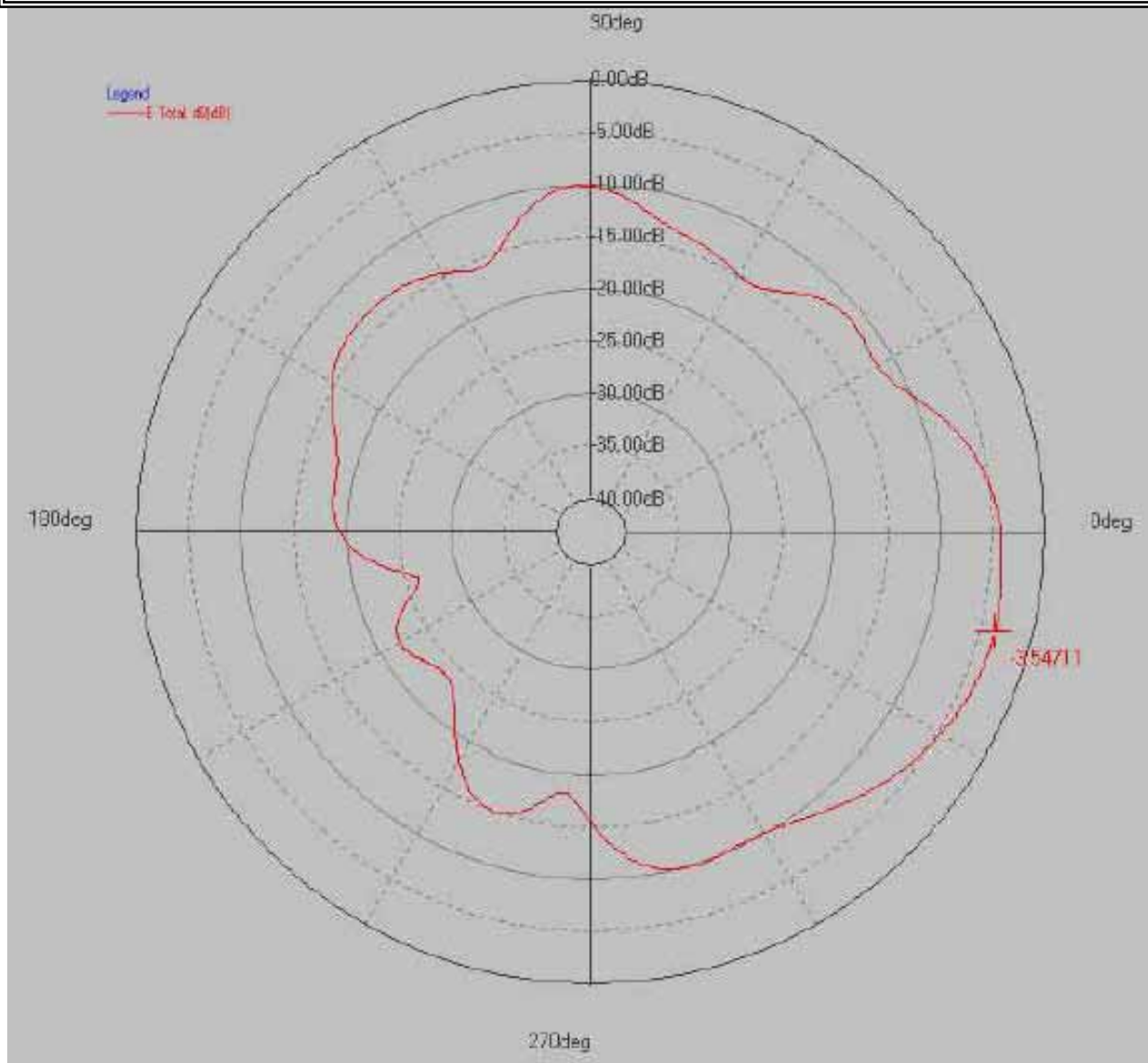
Minimum Gain(dB) : -27.31dB

Minimum Gain(degree) : 102.86

Brand / Model : 6670113050-145

Remark : 2450MHz

Tested by : Wind-Kuo



-- : Max. deg

\*Unit : dBi

Frequency(MHz) : 2450.00

Pattern Field : H plane

Average Gain(dB) : -11.93dB

Maximum Gain(dB) : -3.55dB

Maximum Gain(degree) : 346.00

Minimum Gain(dB) : -26.80dB

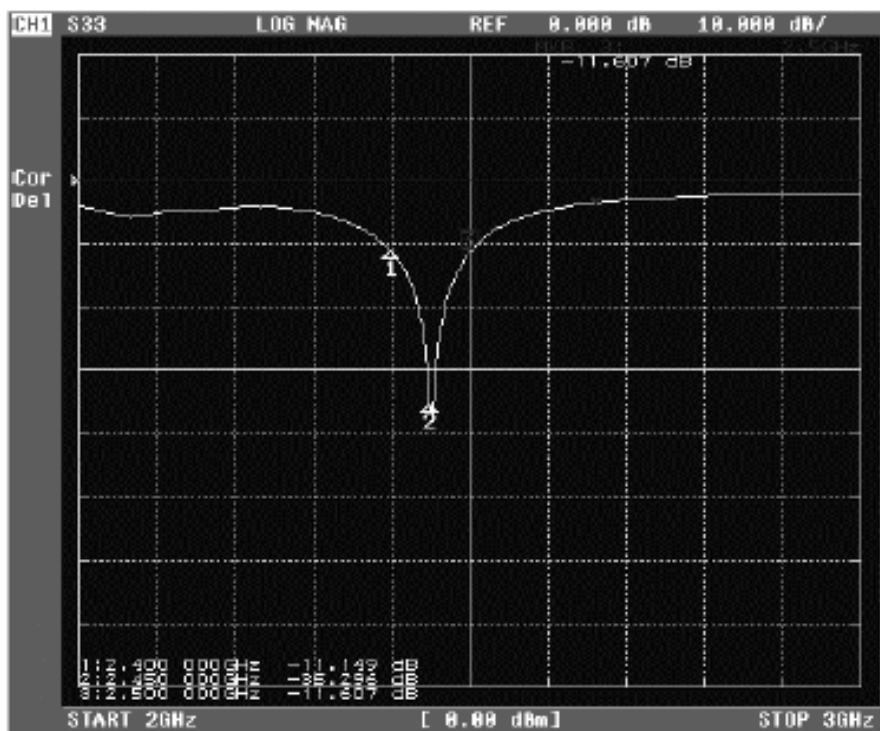
Minimum Gain(degree) : 195.32

Brand / Model : 6670113050-145

Remark : 2450MHz

Tested by : Wind-Kuo

◎ S11



◎ VSWR

