

# 承認書

## SPECIFICATION FOR APPROVAL

公司名稱：設新企業有限公司

客戶名稱：智晟股份有限公司

客戶料號：E44054

概 述：2.4GHz TX antenna

日 期：97 年 11 月 10 日

### 簽核及意見欄

全部承認 FULLY APPROVED	部份承認 PARTILLY APPROVED	修訂承認 REVISE APPROVED

承辦人員：劉杰璋

TEL：(02) 8512-3409

FAX：(02) 8512-3509

台北縣三重市光復路二段 80 號 10F-7 確認後請回傳，謝謝。



# 設新企業股份有限公司

NEW PREMIER ENTERPRISE CO., LTD.

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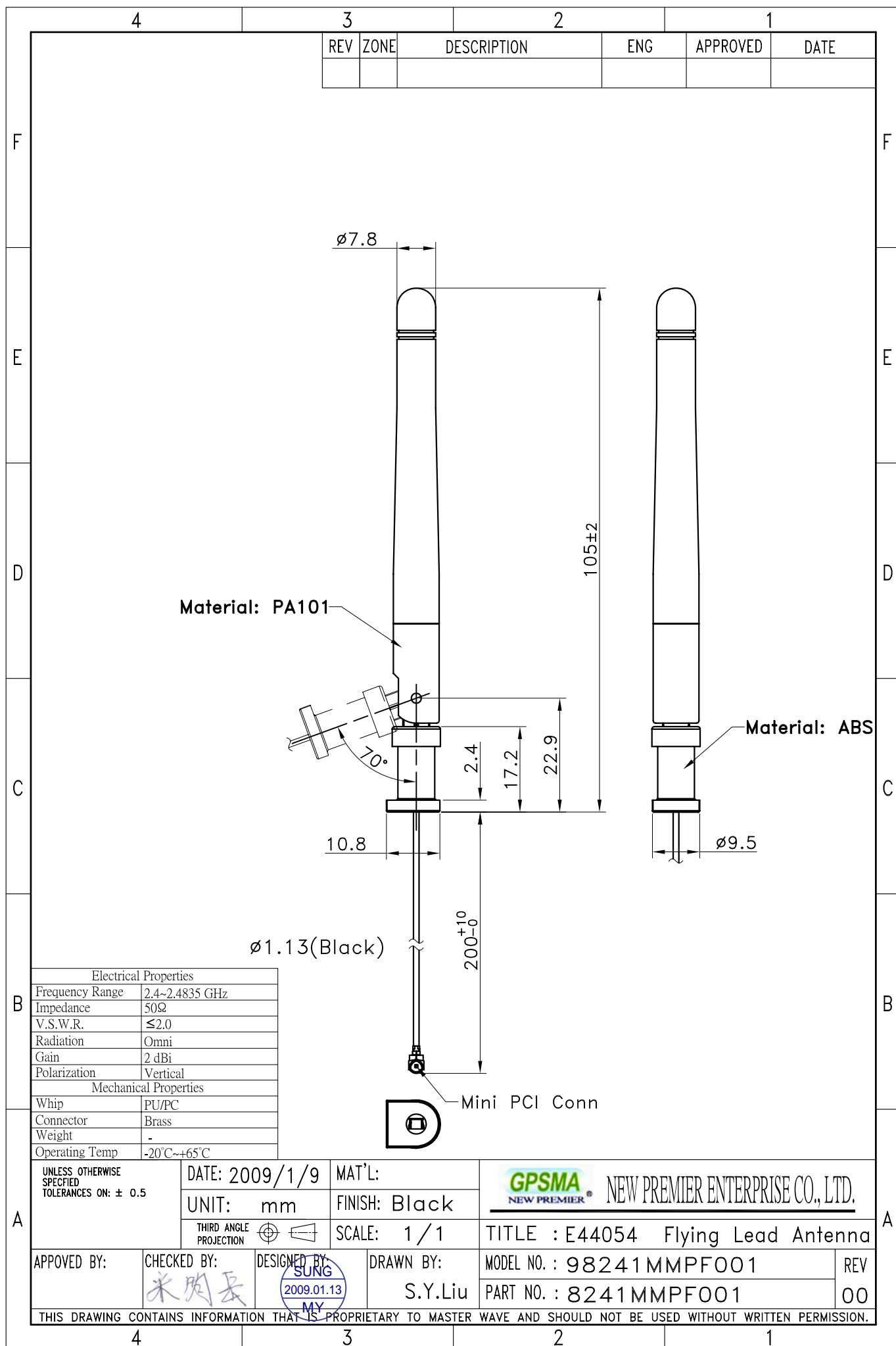
#### 4. Packing

- PE Bag
- Carton

### Modification History:

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REV.	Date	Content
01	2008/7/31	





設新企業股份有限公司  
NEW PREMIER ENTERPRISE CO., LTD.

## Electrical Properties

TYPE	TX Antenna
Frequency Range	2.4 ~ 2.5 GHz
Impedance	50 Ohm
VSWR	$\leq 2.0$
Gain	0 dbi

## Mechanical Properties

Material	PU/PC
Connector	I-PEX
Cable type	1.13
Dimension(L*W*H)	140* $\varnothing$ 7.8



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## NEW PREMIER ENTERPRISE CO., LTD.

### Connector

### Mini PCI Conn

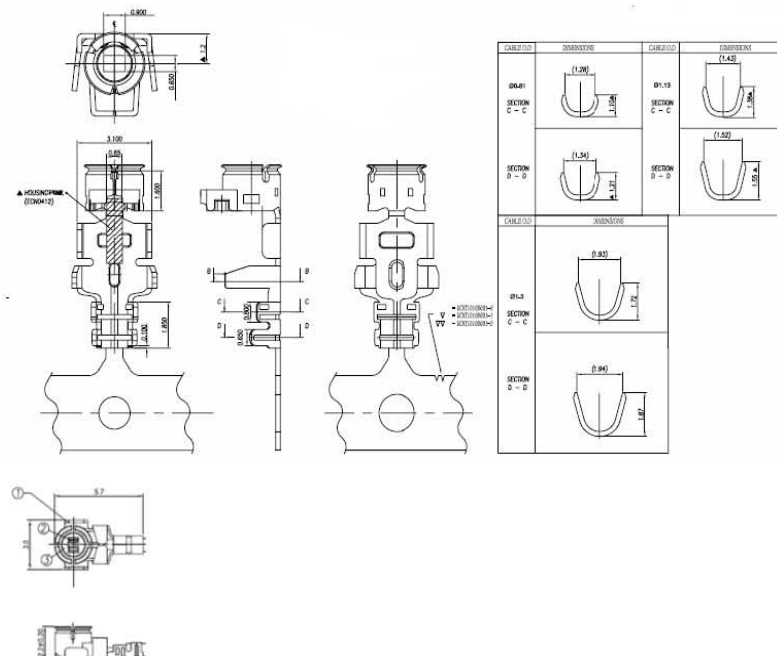
#### JESS-LINK PRODUCTS CO., Ltd

Product: Micro-Coaxial RF Connector – Plug

Part No. : Plug assembly: UCNT1010D001-X

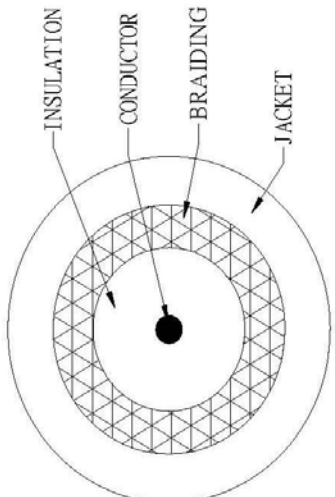
Contact pin: MST0000091 / MST0000608

#### Reference Dimension:



## 線材規格

### CABLE SPECIFICATION

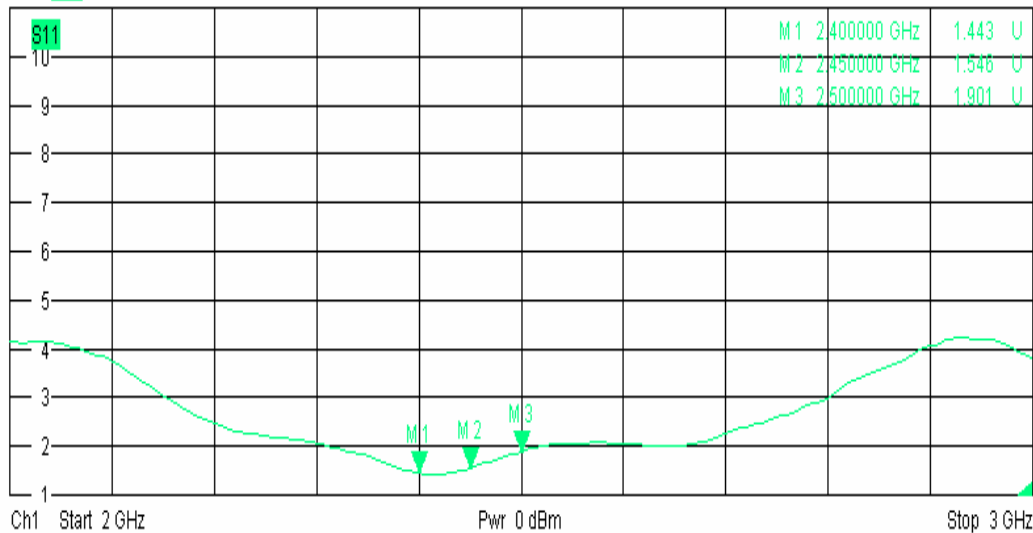
SPECIFICATION:		1.13mm CABLE		CONSRUCTION		D.W.G	
ITEM		SPECIFICATION					
CONDUCTOR	AWG	30AWG					
	MATERIAL	Silver-plated copper wire stranded conductor					
	COND.SIZE	7/0.08 mm					
INSULATION	MATERIAL	Teflon FEP					
	O . D	0.68±0.03 mm					
	N O.	1C					
	COLOR	Natural color					
BRAID	MATERIAL	Silver-plated copper wire					
COPPER	SIZE	4/16/0.05 Min.90% ↑					
JACKET	MATERIAL	Teflon FEP					
	COLOR	White,Black,Brown,Gray					
	O . D	1.13+0.08/-0.05 mm					
Character of electrical							
Item		Unit	Detail of spec.				
1.Capacitance(Nom.)		AT 1KHz	pF/M	95			
2.Impedance		-----	0	50±2			
		1.0GHZ	dB/M	2.0			
		2.0GHZ	dB/M	2.9			
		2.4GHZ	dB/M	3.2			
3.Attenuation(Max.)		3.0GHZ	dB/M	3.7			
		4.0GHZ	dB/M	4.3			
		5.0GHZ	dB/M	4.8			
		6.0GHZ	dB/M	5.3			
PHYSICAL PROPERTIES OF JACKET							
Master Wave Technology Co., Ltd.							
PART NO.						CUSTOMER	
APPROVED						REV	
CHECKED						A	
DRAWING		Dvan				DATE	
						2007/10/8	

## Electrical Test



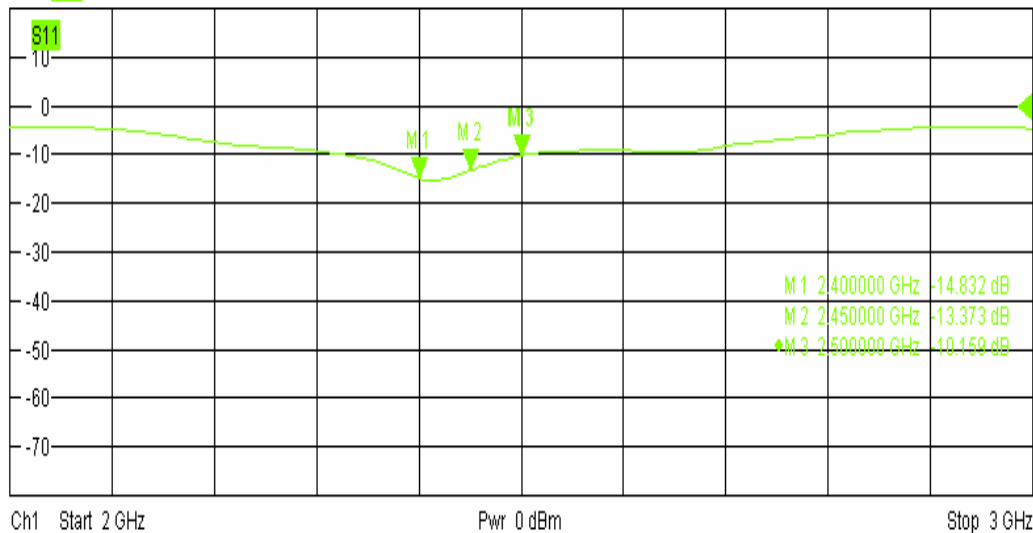
Trc1 S11 SWR 1 U / Ref 1 U Cal int Offs

1



Trc2 S11 dB Mag 10 dB / Ref 0 dB Cal int Offs

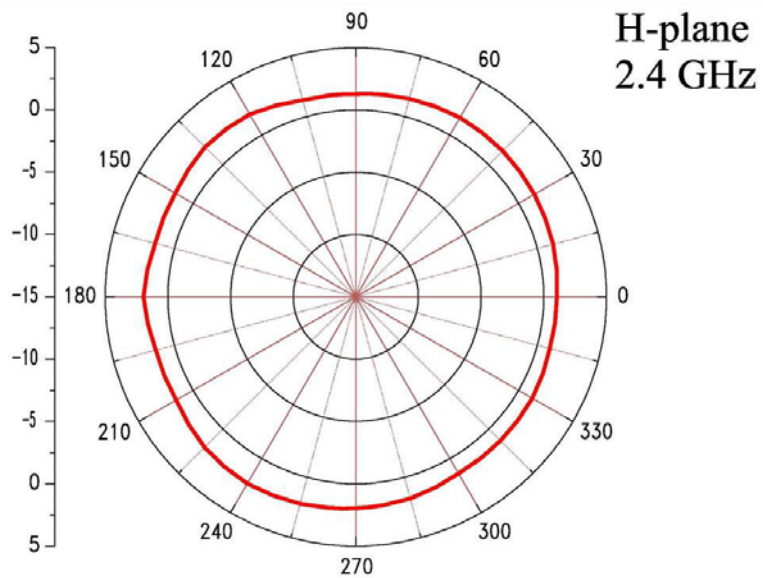
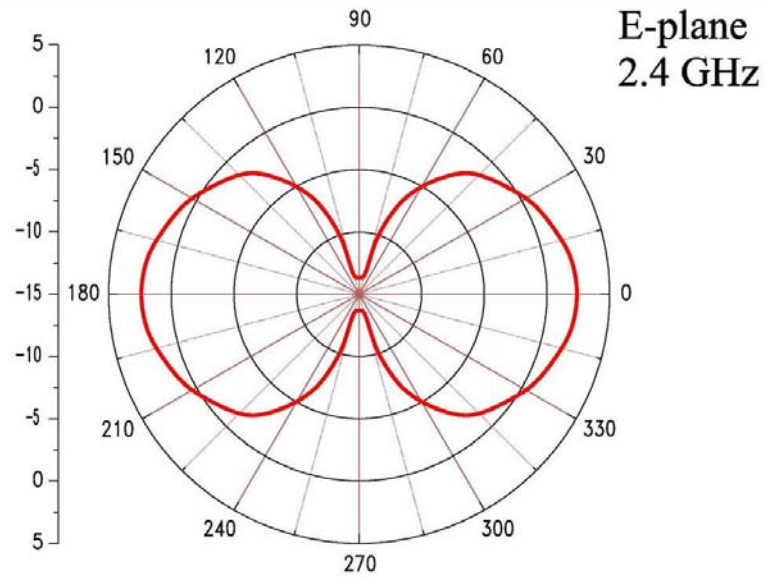
2



6/17/2008, 10:46 AM

## Pattern Test

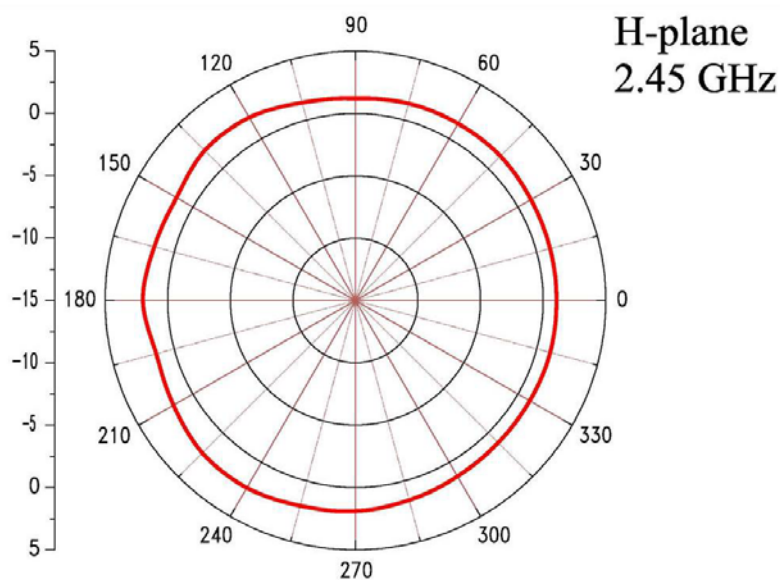
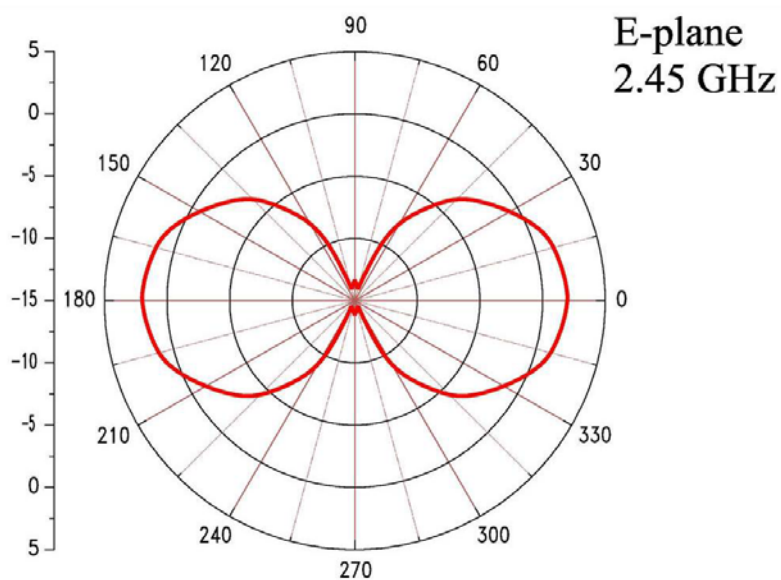
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## Pattern Test

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## Pattern Test

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