



**PRO-CELL CO., LTD.**

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# **SPECIFICATION FOR APPROVAL**

**Customer :**

**Model No.:** PAL-001-EW001

**Description :** 2.4~2.4835/5.5~5.8 GHz PANEL ANTENNA

**Date :** 2007/10/01

**Rev :** 1

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**PRO-CELL CO., LTD.**

No.6, Lane 133, Sec.1, Guo-Ji Road, Ta-yuan Hsiang, Taoyuan, Taiwan. R.O.C.

Tel: +886-3-3858288

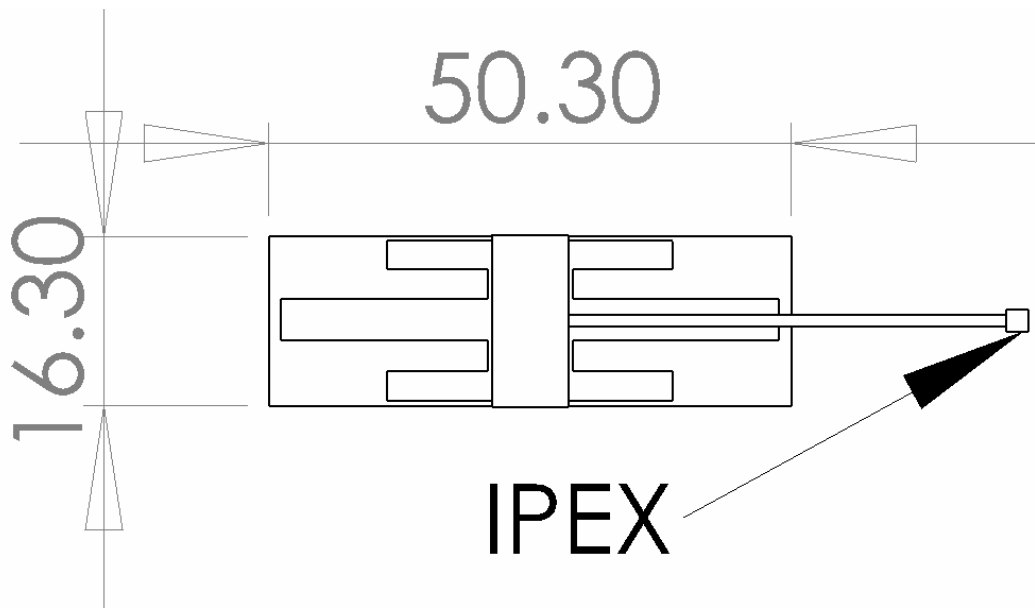
Fax: +886-3-3858289

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<http://www.antenna.com.tw>



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## Electrical Specifications:

Frequency Range :	2.4~2.4835/5.5~5.835GHz
VSWR :	$\leq 2.0$
Impedance :	$50\Omega \pm 5\Omega$
Forward Gain :	2/7dBi
Polarization :	Vertical
Power Handling :	10 Watt
BEAM WIDTH :	H: 90.8° / E: 57.4°

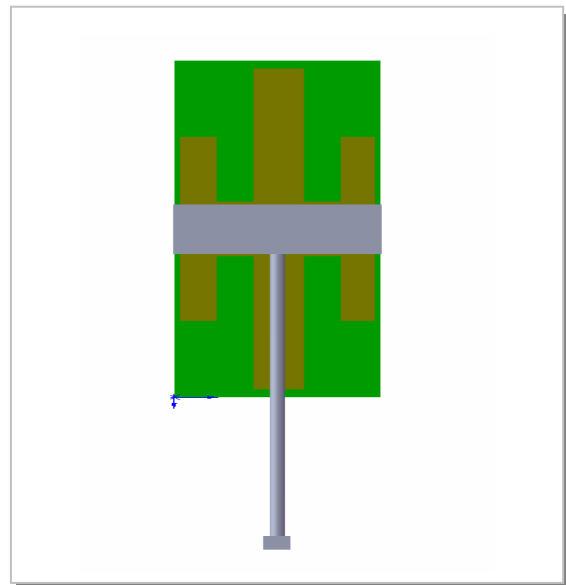
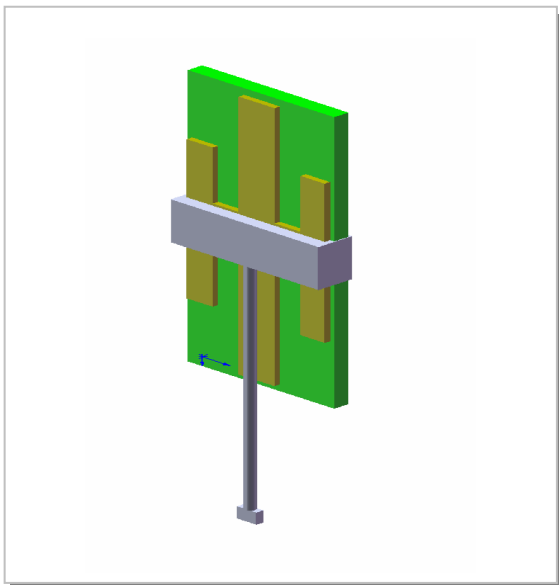
## Mechanical Specifications:

Connector :	IPEX
Operation Temp :	-30°C ~ +60°C
Material :	
Dimension (L*W*H) :	50.3*16.3*1.6 mm
Weight :	4g $\pm$ 1g (w/mount)
Color :	BLACK



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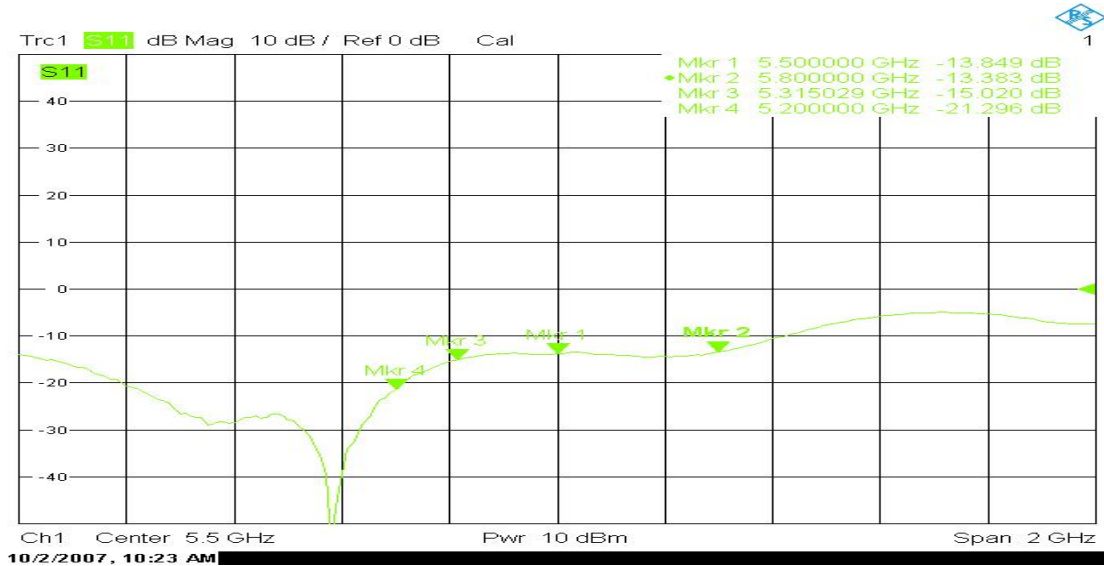
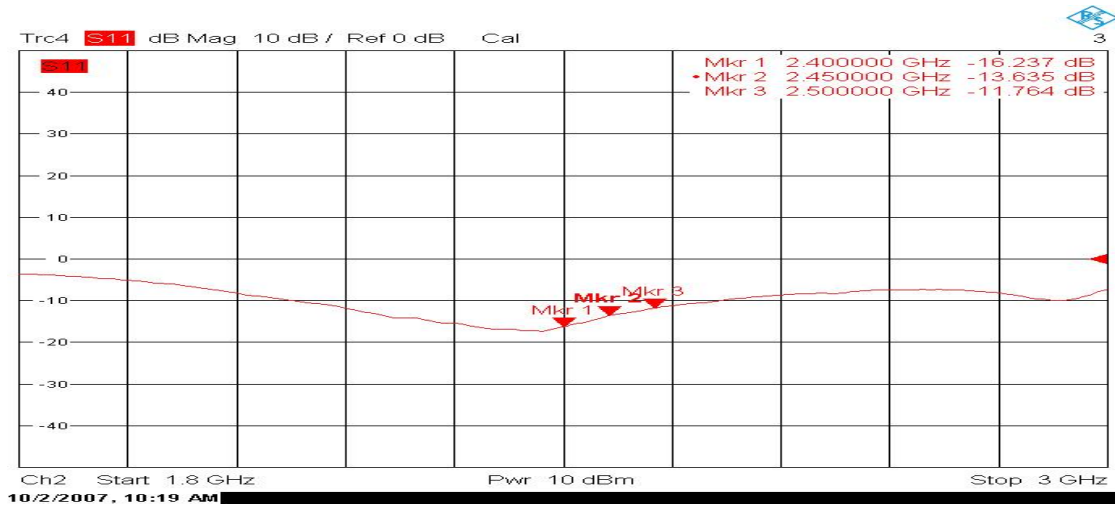
**3D Illustration**





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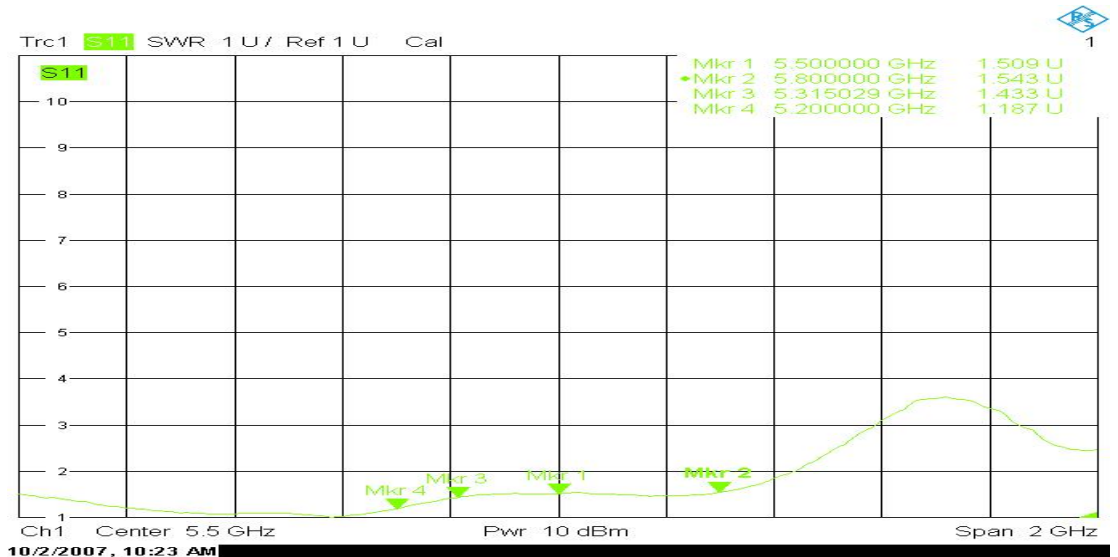
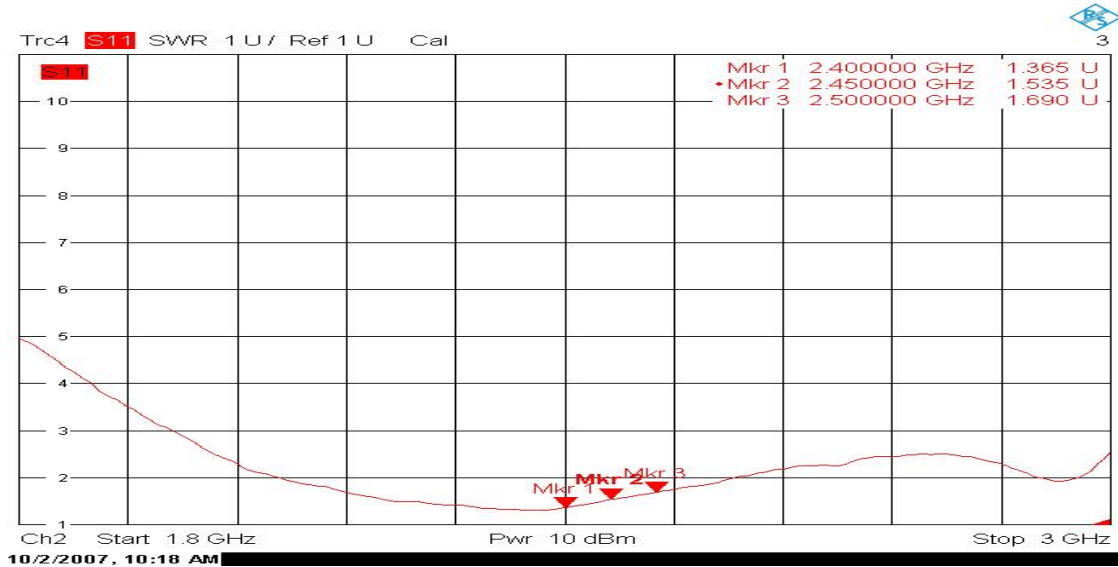
## RETURN LOSS





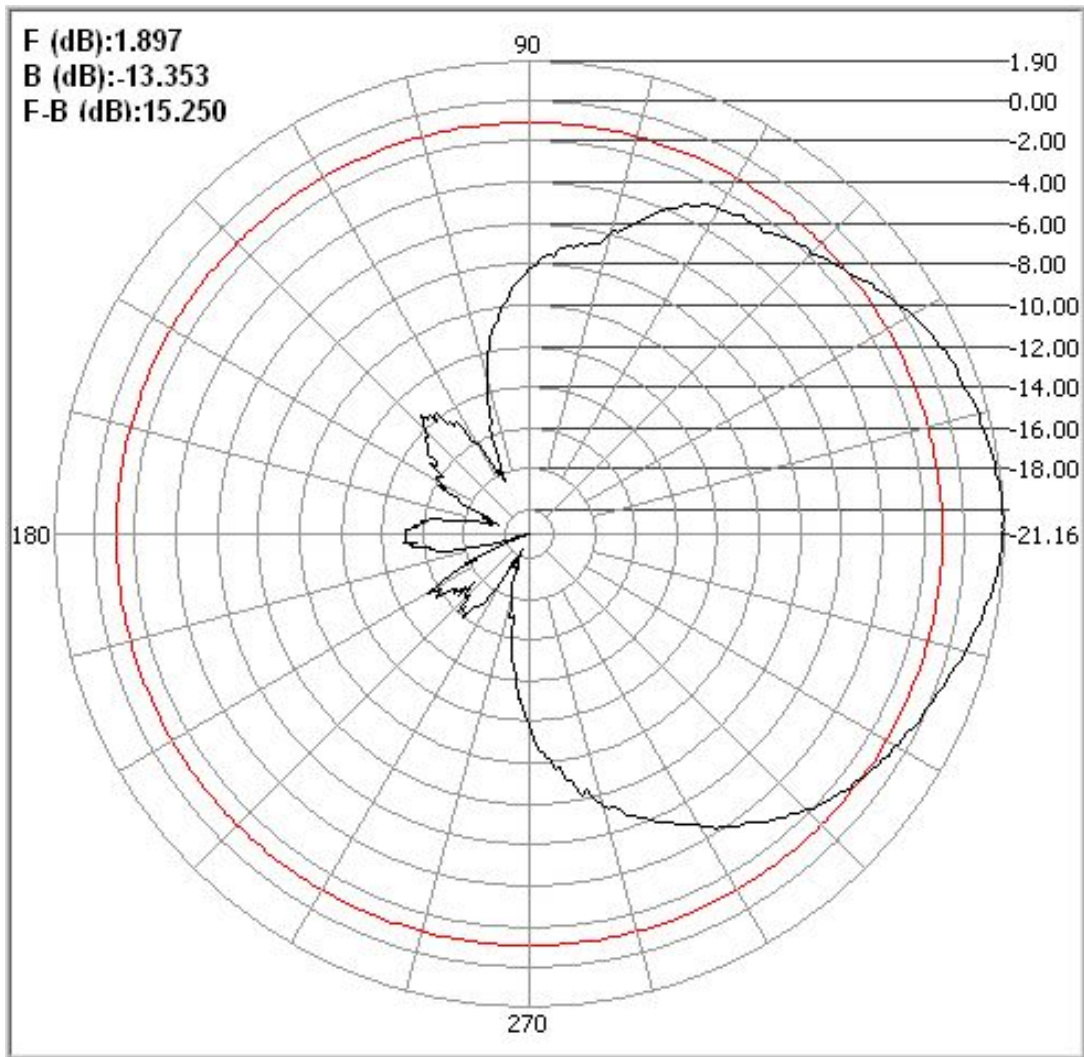
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## SWR





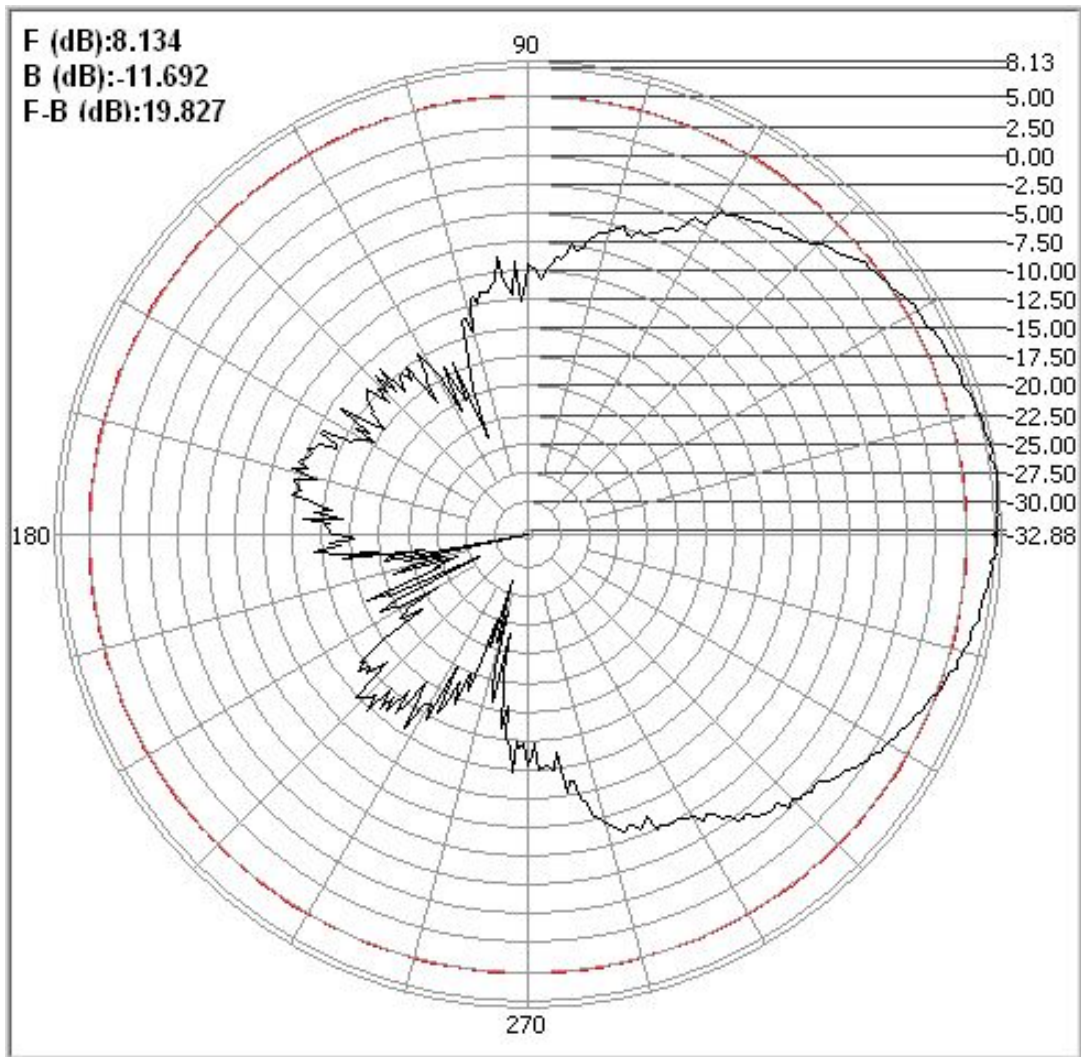
**2.4G H-PLANE**





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**5.8G H-PLANE**



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