

規格承認書
Approval Sheet

客戶名稱

Customer Name: 永碩

產品名稱

Product description: Single Band antenna-2

產品型號

Model Name: Canon

泓淋料號

Hong Lin P/N: 290-30068

客戶料號

Customer P/N: _____

版別 日期
Version: X5 Date: 2013/12/25

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Approval By:	Approval By:

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1 Specification

1.1 Electrical Properties(With Housing)

- 1.1.1 Frequency Range----- 2.4GHz~2.5GHz
- 1.1.2 Impedance----- 50Ω
- 1.1.3 VSWR----- 1.92:1
- 1.1.4 Return Loss----- -10dB or Less
- 1.1.5 Peak Gain----- 2.82 dBi
- 1.1.6 Admitted Power----- 1W
- 1.1.7 Cable----- Ø1.13
- 1.1.8 Antenna Type----- PCB Type

1.2 Physical Properties

- 1.2.1 Antenna Body----- FR4
- 1.2.2 Operating Temp----- -10°C~+60°C
- 1.2.3 Storage Temp----- -10°C~+70°C

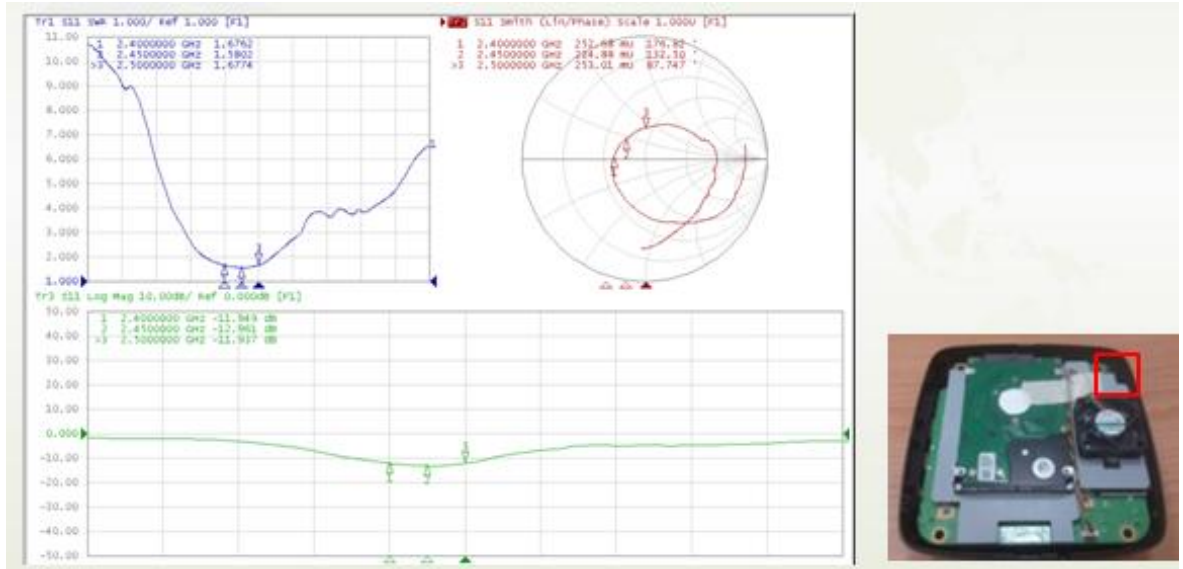
2 Antenna Picture



3 Test data

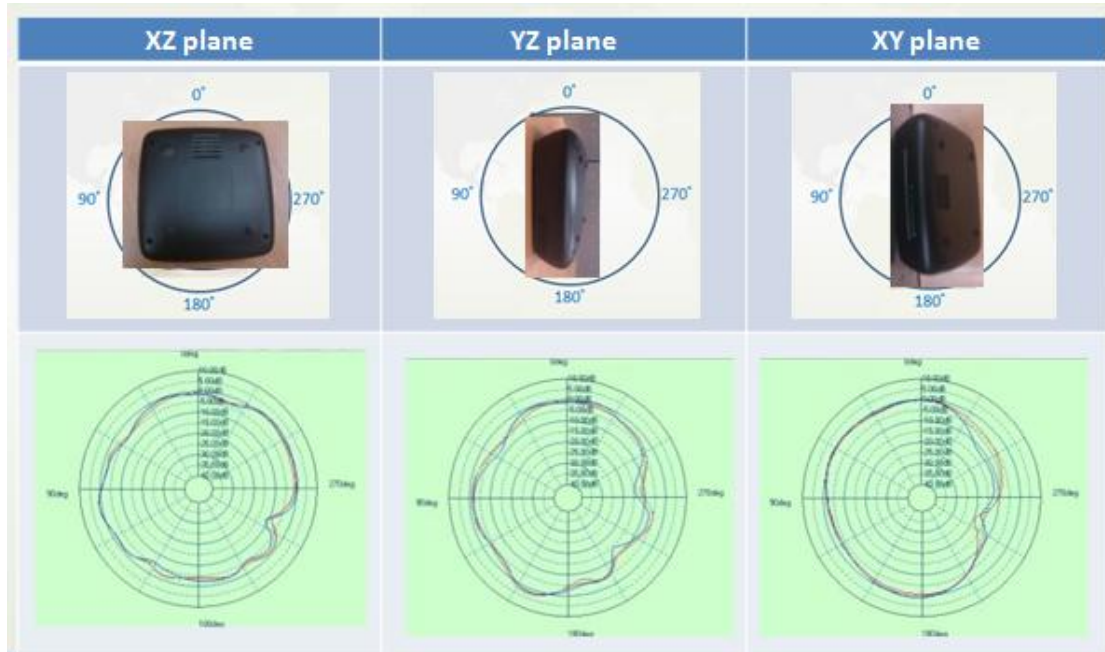
3.1 Return Loss and VSWR

2.4 G



3.2 Radiation Pattern

2.4 G



3.3 Gain Table

Frequency (MHz)	2.4G-2						E-total	Efficiency
	X-Z plane Phi=0		Y-Z plane Phi=90		X-Y plane theta=90			
	Peak Gain	Average Gain	Peak Gain	Average Gain	Peak Gain	Average Gain		
2400	1.37	-2.04	2.52	-3.43	0.19	-3.18	2.82	57%
2450	1.39	-1.79	1.63	-3.46	0.85	-3.01	2.69	60%
2500	1.11	-1.96	1.37	-3.85	0.66	-3.31	2.42	55%

4 Antenna Assembly (成品圖)

