



權億科技股份有限公司
Master Wave Technology Co., Ltd.

承認書

APPROVAL SHEET

Customers: 神準科技股份有限公司


Customer Model No.:

Master Wave Model No.: 98152MRSX007

Product Description: 8152 Replacement Ant.

Issue Date: 2011/1/26

REV.: 00

客戶承認用印 Customer Approved		權億承認用印 Confirmation Signature	
			
核准 Approve	主管 Chief	承辦 Responsible	
Hero	Corey	S. Y. Liu	

MASTER WAVE TECHNOLOGY CO., LTD.

權億科技股份有限公司

Address: No.81-8, Longshou St., Taoyuan City, Taoyuan County 330, Taiwan (R.O.C.)

Tel: +886-3-3600306 Fax: +886-3-3600979

Shengyih Electronic Plastic Co. Ltd (Shou Zhou)

聲億電子塑膠有限公司 (蘇州廠)

Address: No.95 Wusong south Rd of Luzhi Town Wu zhong Area Suzhou City, China

Tel : +86-512-65046030 Fax : +86-512-65046033

Shengyih Electronic Plastic Manufactory (Dongguan)

聲億電子塑膠製品廠 (東莞廠)

Address: Mu-Lun Administration Area, Changping Town, Dongguan City, Guangdong Province, China

Tel : +86-769-83914045 Fax : +86-769-83914046



Table of Contents

Item

1. Antenna Specifications

- Drawing
 - Electrical Properties
 - Mechanical Properties
-

2. Test Report

- Electrical test
 - Pattern test
-

3. Material Certifications

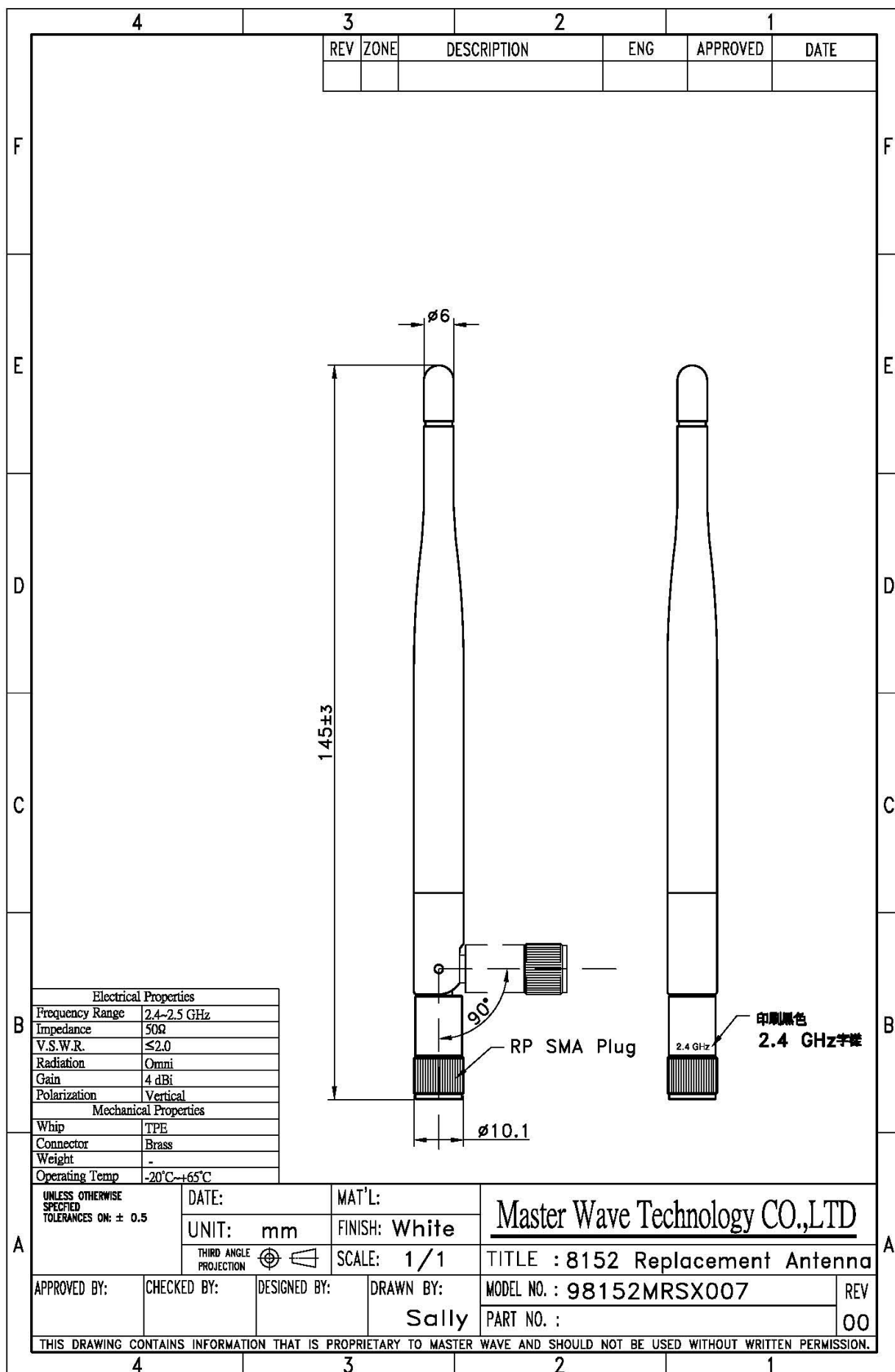
- Connector
-

4. Packing

- PE Bag
- Carton

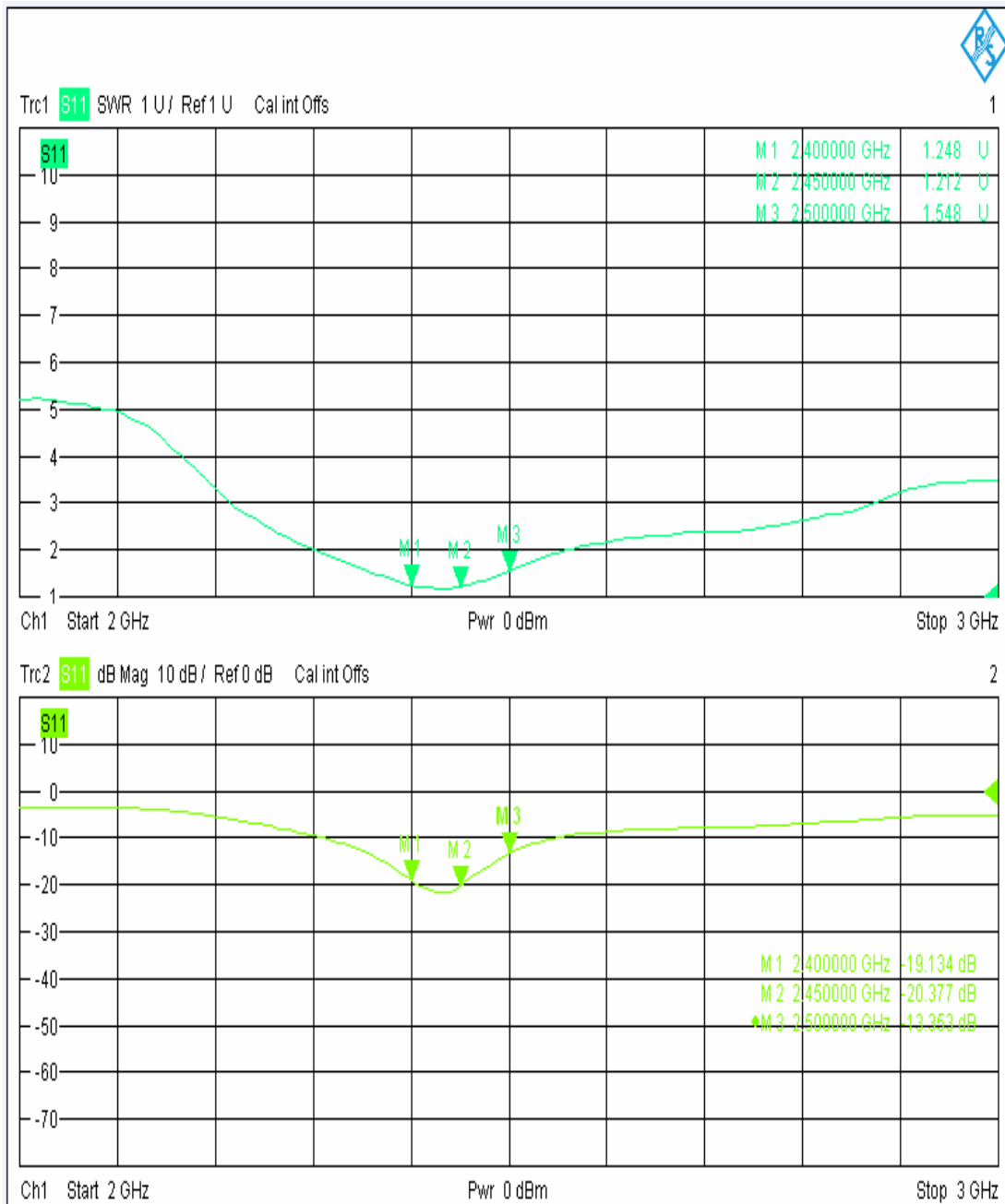
Modification History:

REV.	Date	Content
00	2011/1/26	



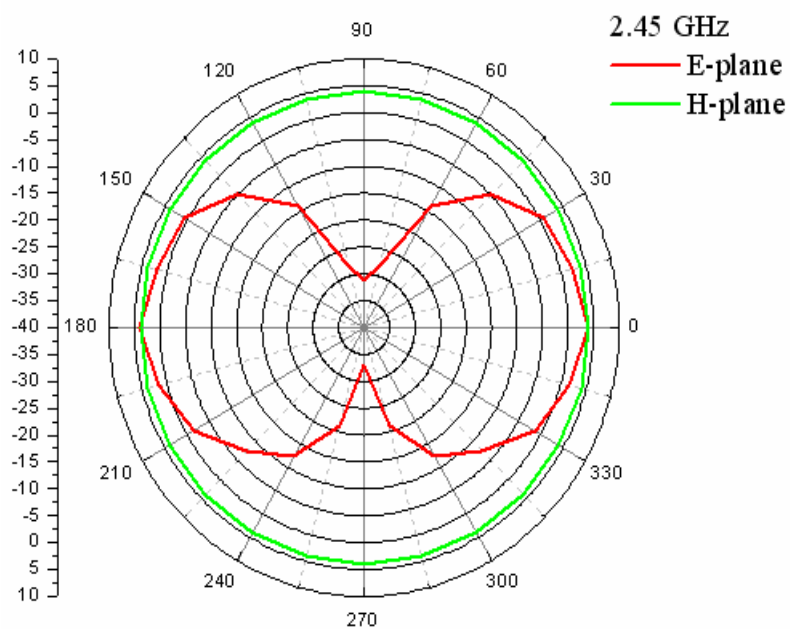
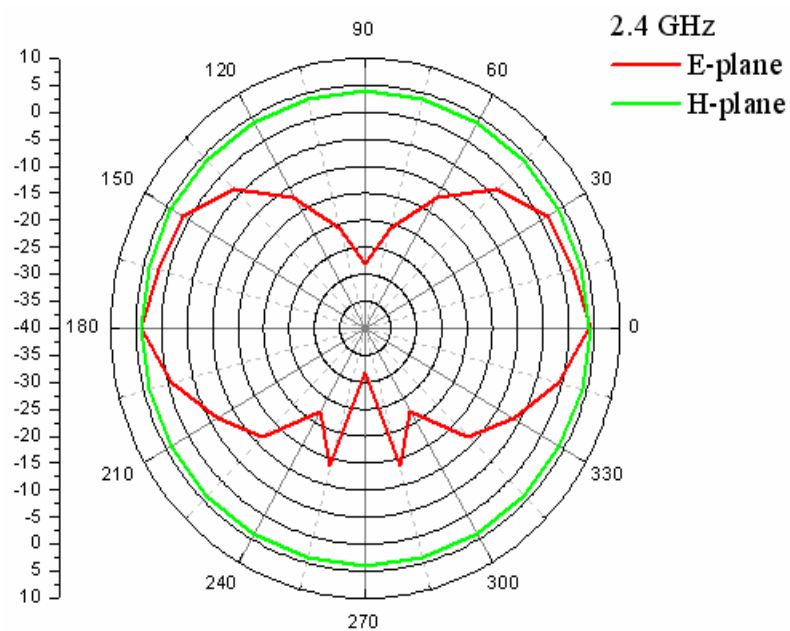


Electrical Test



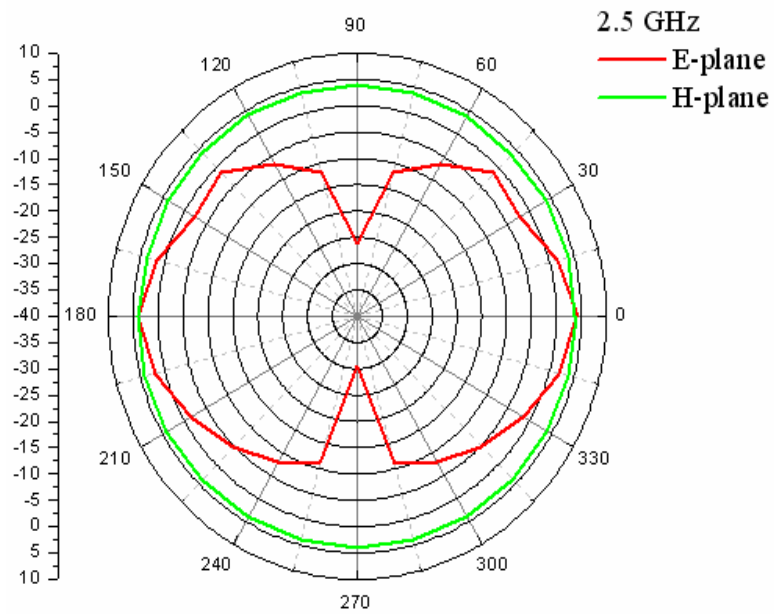


Pattern Test





Pattern Test





Connector

SMA

Electrical Properties	Impedance	50 ohm
	Frequency Range	0~6 GHz
	V.S.W.R	≤ 1.5
	Working Voltage	$\leq 250\text{Vrms}$
	Dielectric Withstanding	$\leq 670\text{ Vrms}$
	Voltage Insulation Resistance	$\geq 2000\text{ Megohms}$
	Contact Resistance	Center contact: 3.0 Milliohms (Max.) Outer contact: 2.0 Milliohms (Max.)
	Recommended coupling nut torque	4.0 in. lbs. ~ 8.8in. lbs.
	Coupling nut retention force	$\geq 60\text{ lbs.}$
	Contact captivation axial	$\geq 6\text{ lbs.}$
	Coupling Proof Torque	15 in-lbs.min
	Durability (mating)	$\geq 500\text{ cycles}$
Environmental Ratings	Operating Temperature	-65°C ~ +165°C
	Thermal shock	MIL-STD-202,METHOD 107,Condition B
	Corrosion	MIL-STD-202,METHOD 101,Condition B
	Shock	MIL-STD-202,METHOD 213,Condition I
	Vibration	MIL-STD-202,METHOD 204,Condition D
	Moisture Resistance	MIL-STD-202,METHOD 106
Material Specifications	Material Data	Material
	Body	Brass
	Center Contact	Brass
	Insulator	Teflon or Delrin