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.: 98152URSX002

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
	權億科技股份有限公司 2011.01.2 發行章 RF BU

核准 Approve	主管 Chief	承辦 Responsible
Hero	Corey	S.Y.Liu

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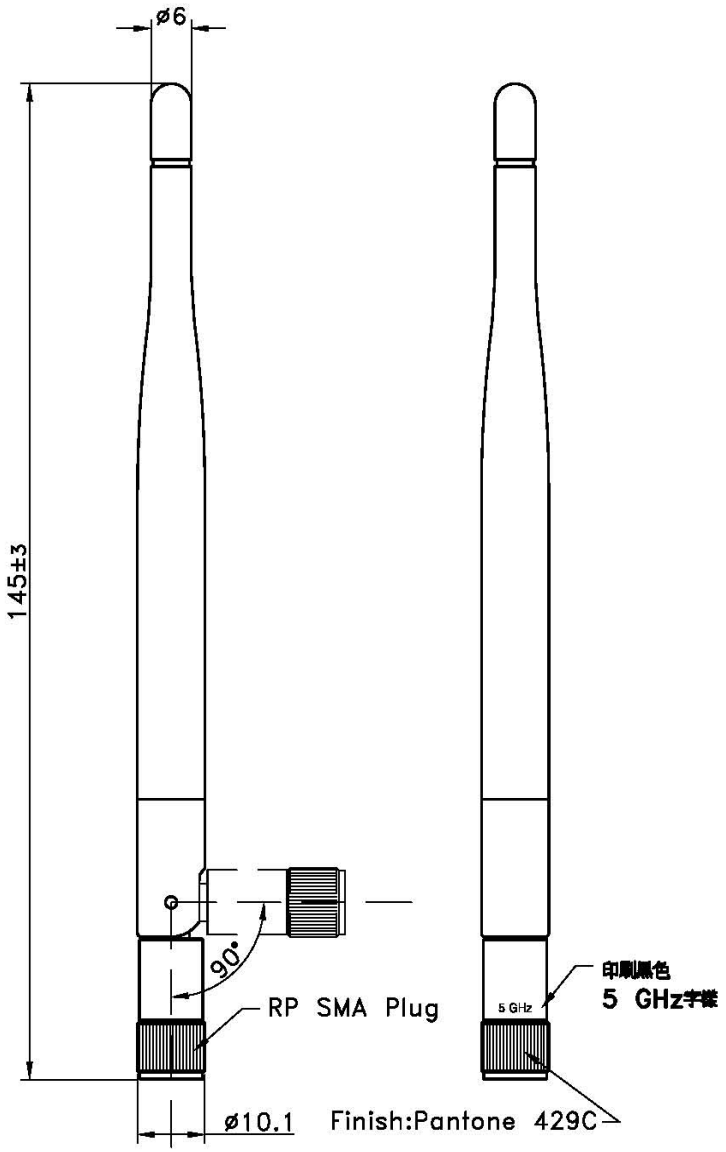
Table of Contents

Item

Modification History:

REV.	Date	Content
00	2011/1/26	

REV	ZONE	DESCRIPTION	ENG	APPROVED	DATE



Electrical Properties	
Frequency Range	5.15~5.85 GHz
Impedance	50Ω
V.S.W.R.	≤2.0
Radiation	Omni
Gain	4 dBi
Polarization	Vertical
Mechanical Properties	
Whip	TPE
Connector	Brass
Weight	-
Operating Temp	-20°C~+65°C

UNLESS OTHERWISE SPECFIED TOLERANCES ON: ± 0.5

DATE:

MAT'L:

UNIT: mm

FINISH: White

THIRD ANGLE PROJECTION

SCALE: 1/1

Master Wave Technology CO.,LTD

TITLE : 8152 Replacement Antenna

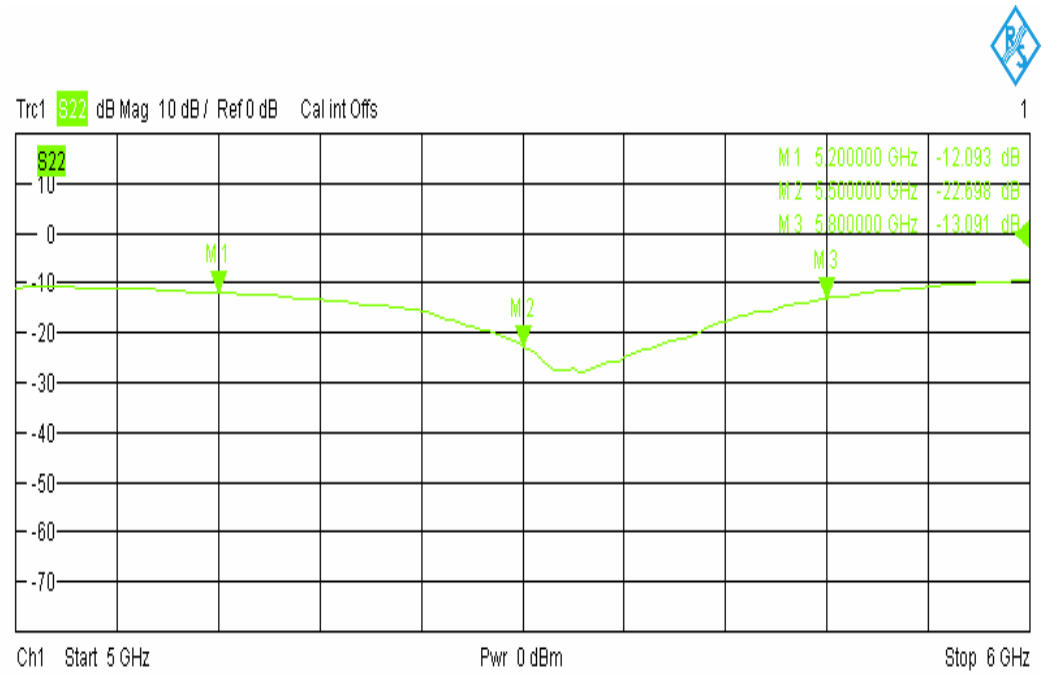
APPROVED BY:	CHECKED BY:	DESIGNED BY:	DRAWN BY:
			Sally

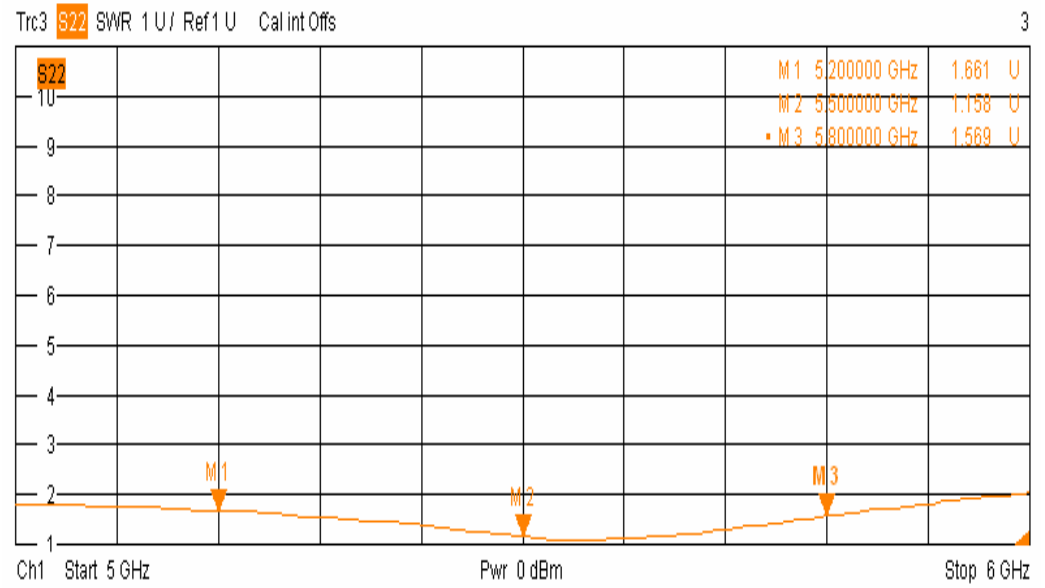
MODEL NO. : 98152URSX002

REV 00

PART NO. :

Electrical Test





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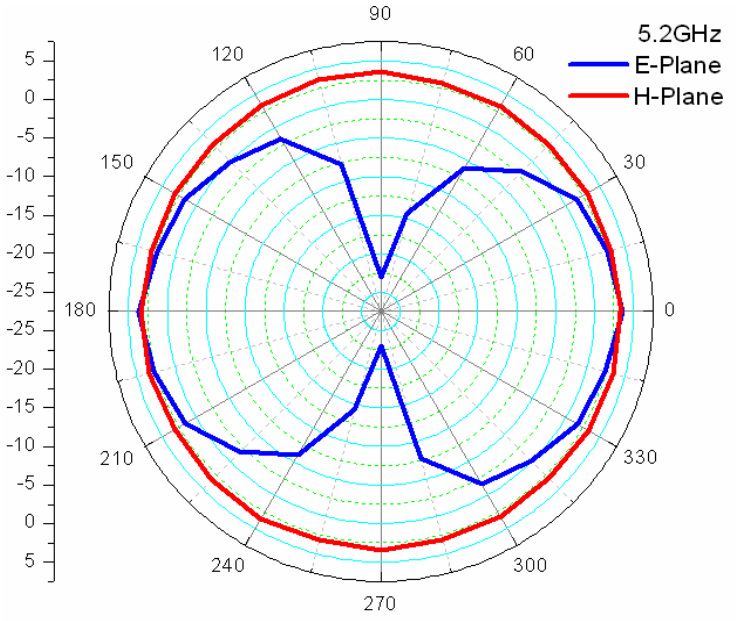
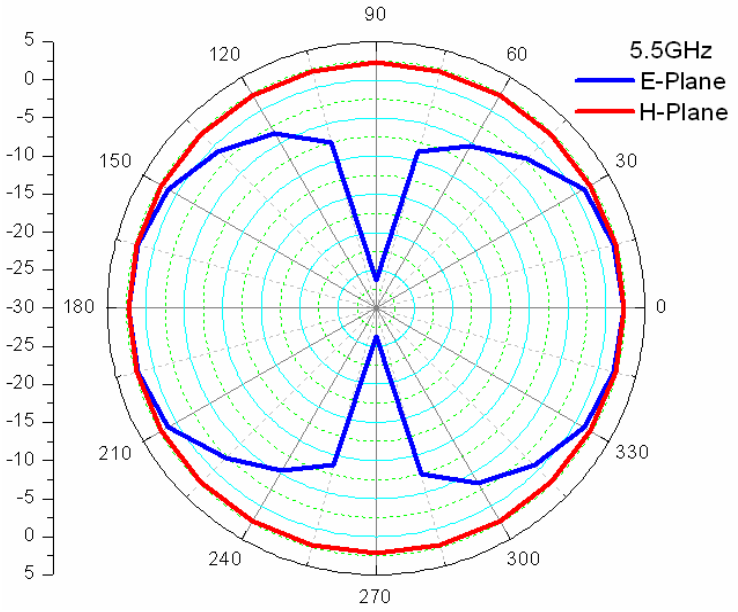
Pattern Test





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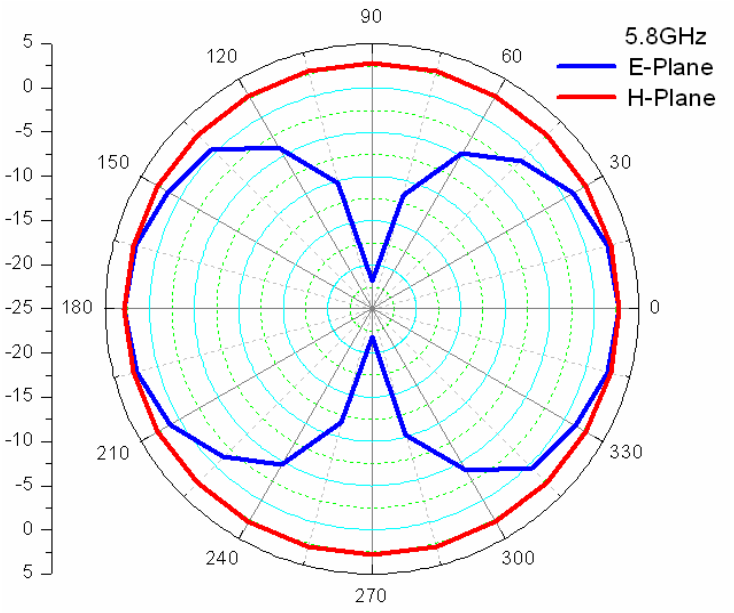

Connector SMA

Electrical Properties	Impedance	50 ohm
	Frequency Range	0~6 GHz
	V.S.W.R	≦1.5
	Working Voltage	≦250Vrms
	Dielectric Withstanding	≦670 Vrms
	Voltage Insulation Resistance	≧2000 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	≧50 lbs.
	Contact captivation axial	≧5 lbs.
	Durability (mating)	≧500 cycles

Environmental Ratings	Operating Temperature	-65℃ ~ +165℃
	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	Phosphor Bronze
	Insulator	Teflon or Delrin