

承 認 書

APPROVAL SHEET

CUSTOMER: MAP ELECTRONICS CO., LTD

CUSTOMER MODEL NO.: MEGHX-463XSAXX-950

DESCRIPTION #463X Replacement Antenna

REV.: 03

DATE 2010/10/22

Customer Approval	
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for reference only

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## Index.

Item
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### 1. Drawing

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### 2. Test report

- Electrical test
  - Pattern test
- 

### 3. Specification

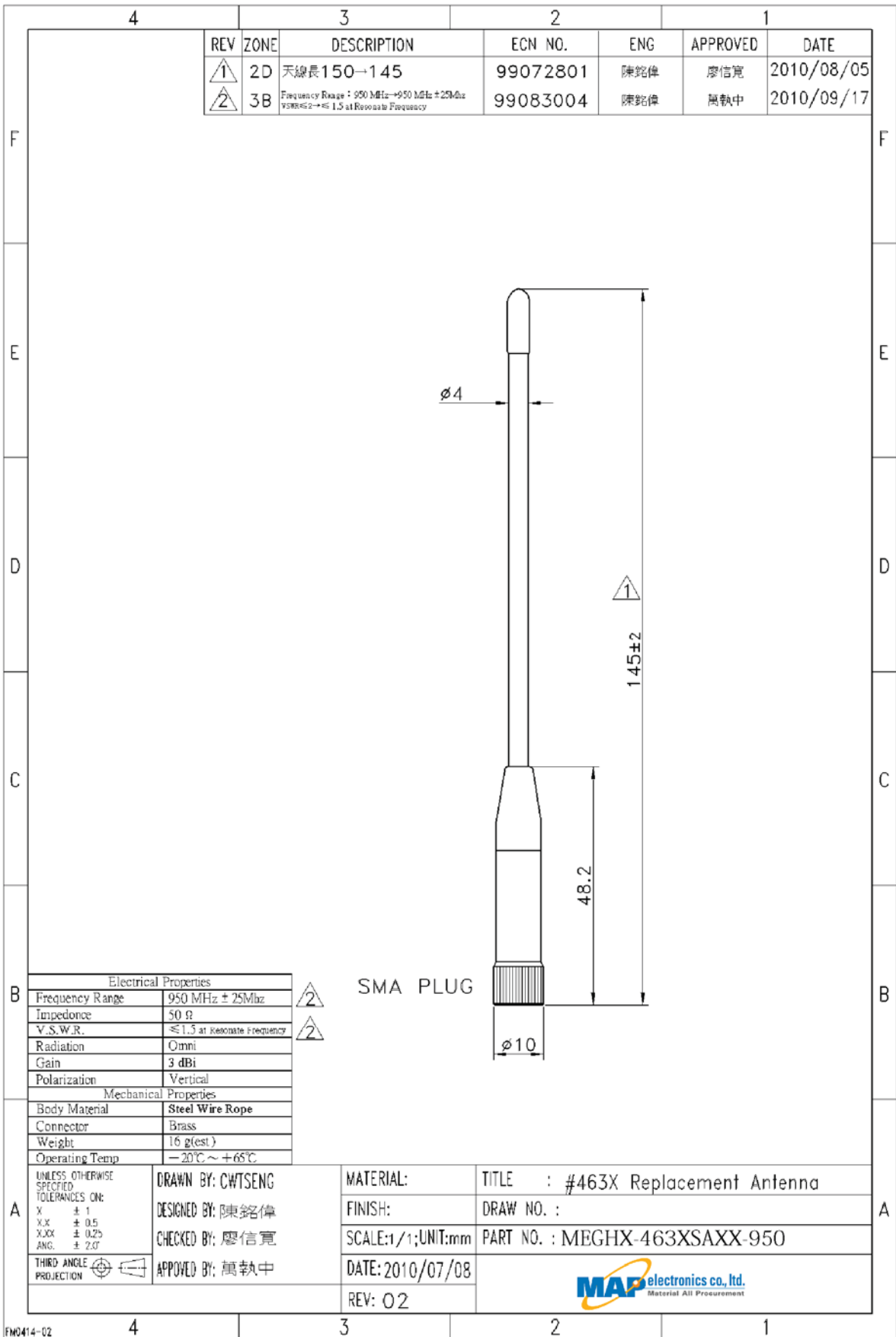
- Connector
- 

### 4. Packing

- PE Bag
  - Carton
- 

## Modification History:

Rev.	Date	Content
00	2010/7/7	
01	2010/7/28	天線總長150 +/-2→145 +/-2mm
02	2010/9/13	變更頻率及VSWR
03	2010/10/22	增加Pattern圖



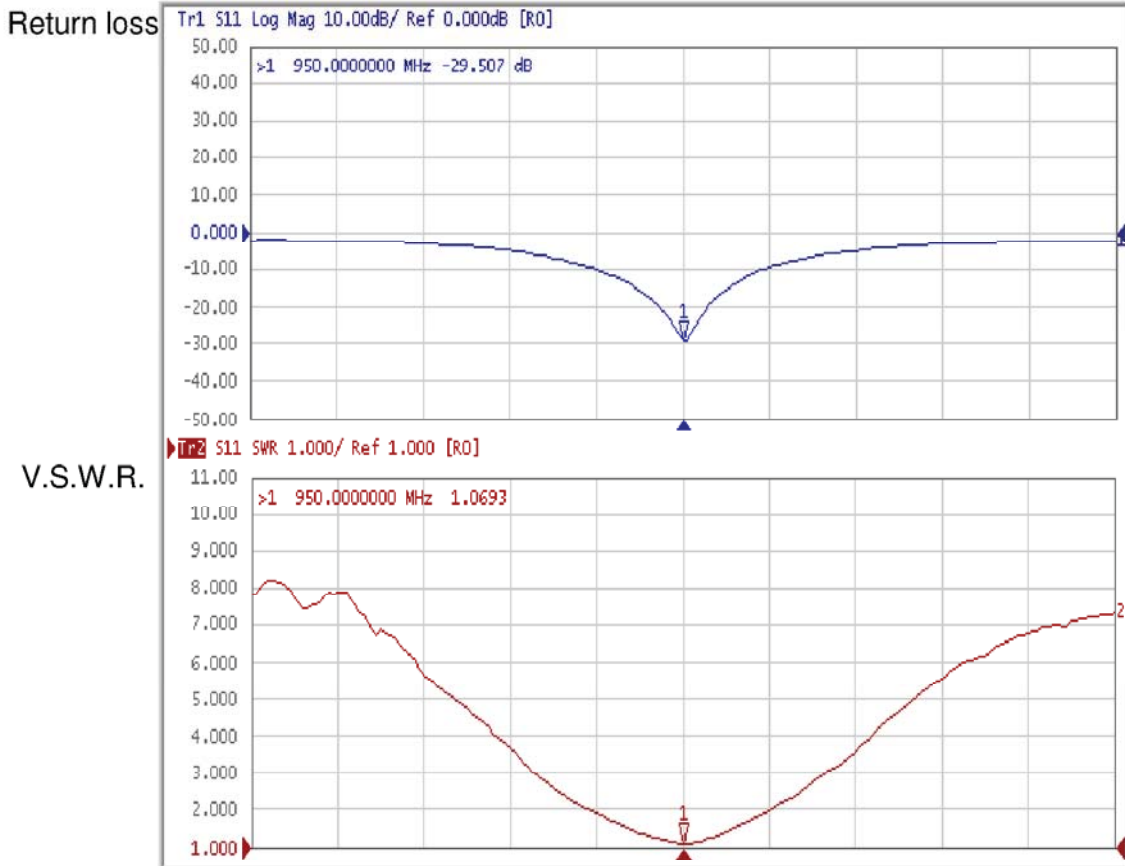
FW0414-02

for reference only

Model. MEGHX-463XSAXX-950

Test Report

Return loss/V.S.W.R



Test Fixture	Network Analyzer		
VSWR $\leq$ 2	Test-cable type : -	Cable length(mm) : -	
Adapter: N to R SMA Plug	Test table : SECC	Test table size(L*W) : 215mm*215mm	
Test Distance : 250mm	Location of Antenna: In the middle of platform		

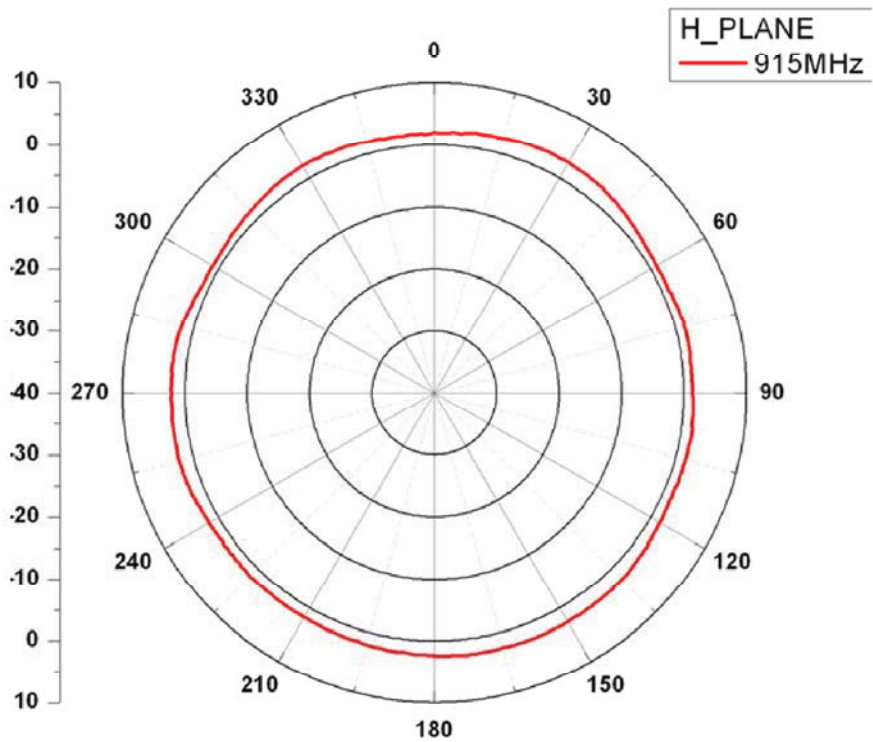
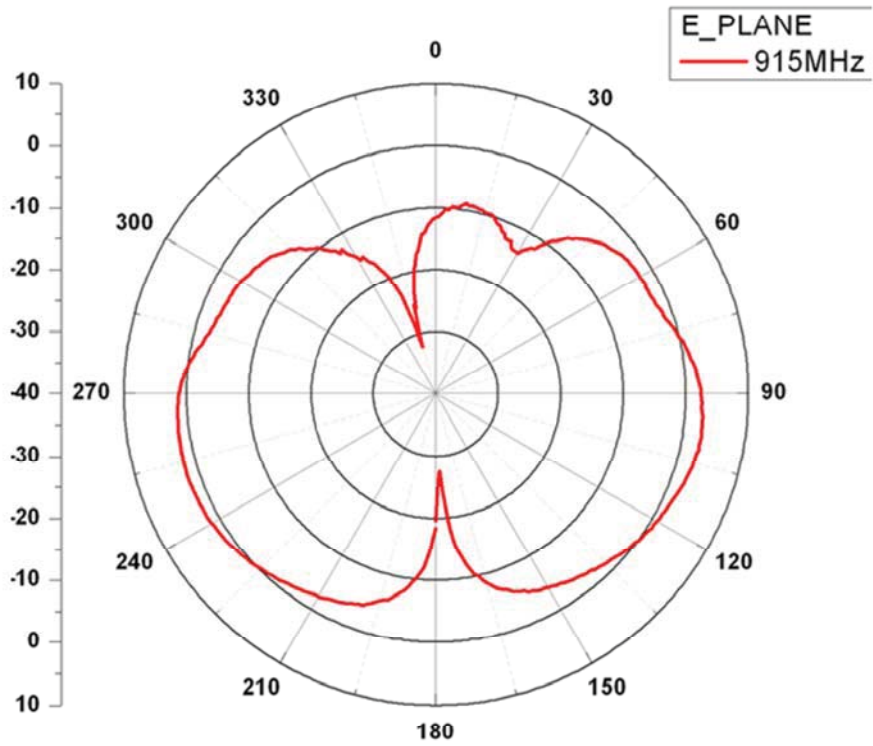


for reference only

Model. MEGHX-463XSAXX-950

Test Report

Pattern



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**Connector****SMA**

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Specification Data	1) Impedance	50 ohm
	2) Frequency Range	0~6GHz
	3) V.S.W.R.	$\leq 1.5$
	4) Working Voltage	$\leq 250$ Vrms
	5) Dielectric Withstanding	$\leq 670$ Vrms
	6) Voltage Insulation Resistance	$\geq 2000$ Mega ohm
	7) Contact Resistance	Center contact: 3.0 Milliohms (Max.) Outer contact: 2.0 Milliohms (Max.)
	8) Recommended coupling nut torque	4.0~8.8 in. lbs (0.45~0.99Nm)
	9) Coupling nut retention force	$\geq 50$ lbs (222N)
	10) Contact captivation force	$\geq 5$ lbs (22.2N)
	11) Durability (mating)	$\geq 500$ cycles

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Environmental Data	1) Operating Temperature	$-65^{\circ}\text{C} \sim +165^{\circ}\text{C}$
	2) Thermal Shock	MIL-STD-202,Method 107, Condition B
	3) Corrosion	MIL-STD-202,Method 101, Condition B
	4) Shock	MIL-STD-202,Method 213, Condition I
	5) Vibration	MIL-STD-202,Method 204, Condition D
	6) Moisture Resistance	MIL-STD-202,Method 106

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Material Specifications	Material Data	Material
	1) Body	Brass
	2) Contact	Brass
	3) Insulator	Teflon or Delrin

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