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**1. Drawing**

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**2. Test report**

- Electrical test
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**3. Specification**

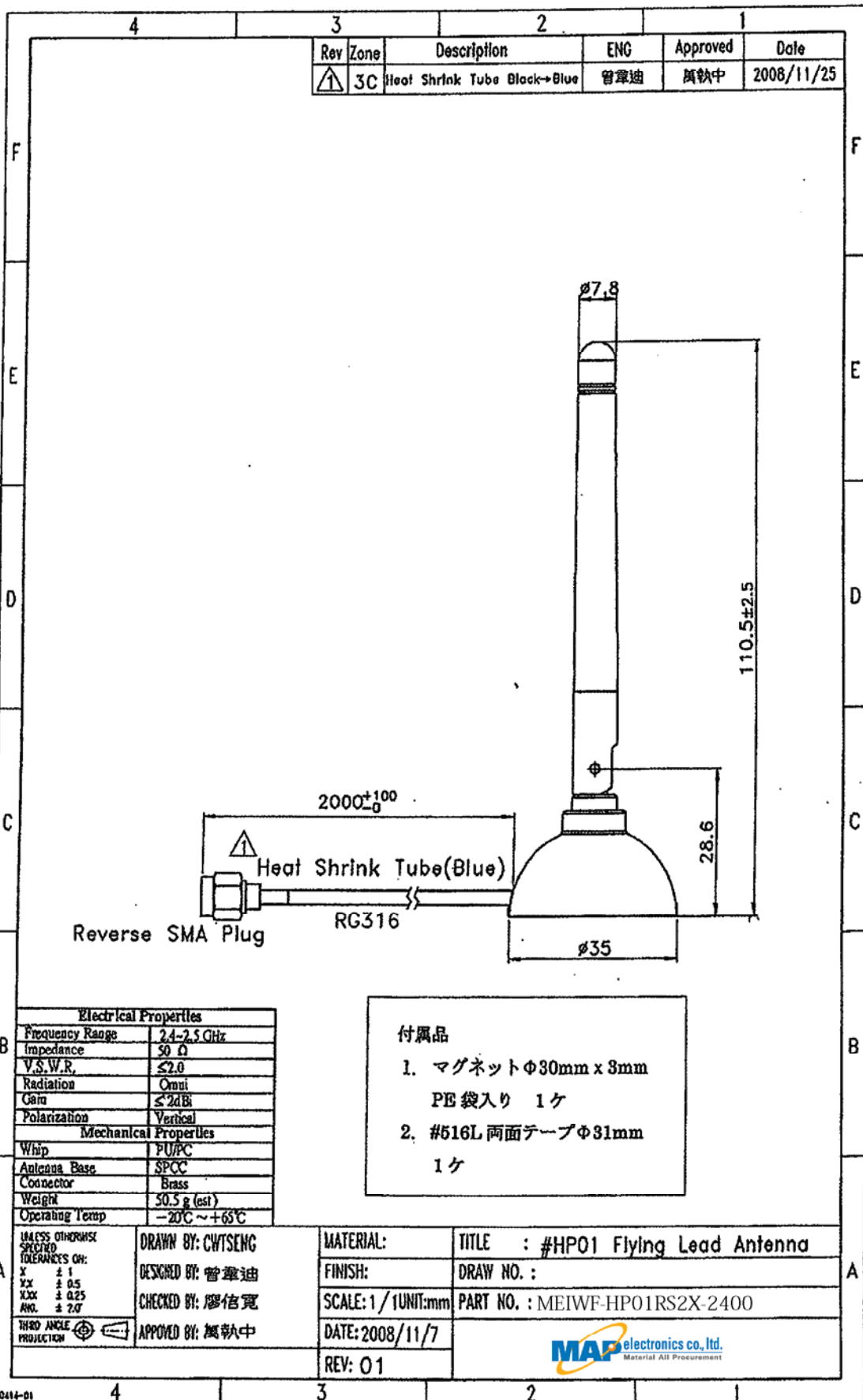
- Connector
- 

**4. Packing**

- PE Bag
  - Carton
- 

### Modification History:

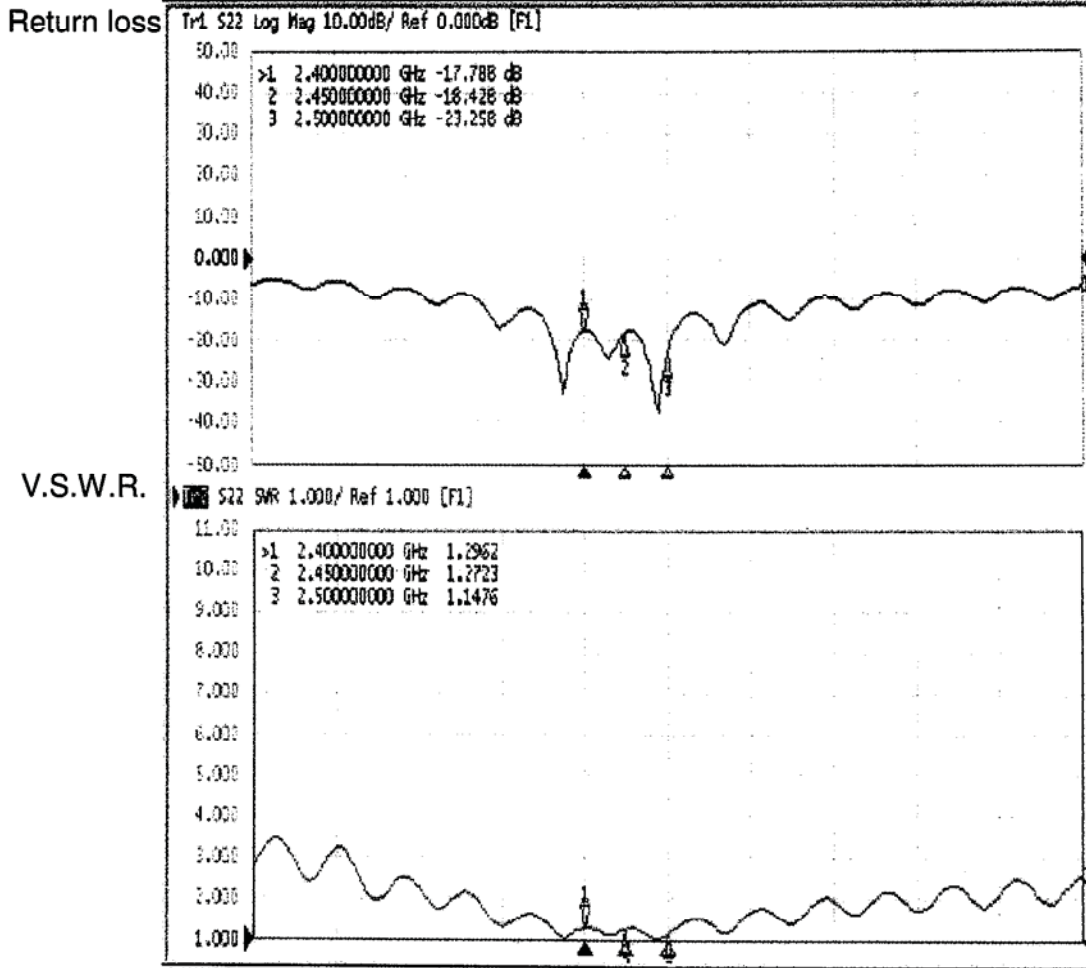
<b>Rev.</b>	<b>Date</b>	<b>Content</b>
00	2011/2/10	



**Model.** MEIWF-HP01RS2X-2400

**Test Report**

**Return loss/V.S.W.R**



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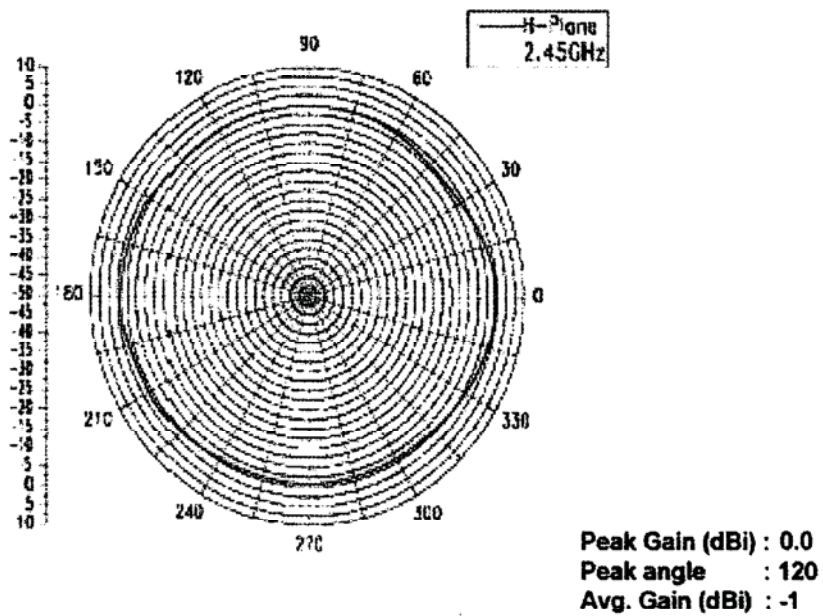
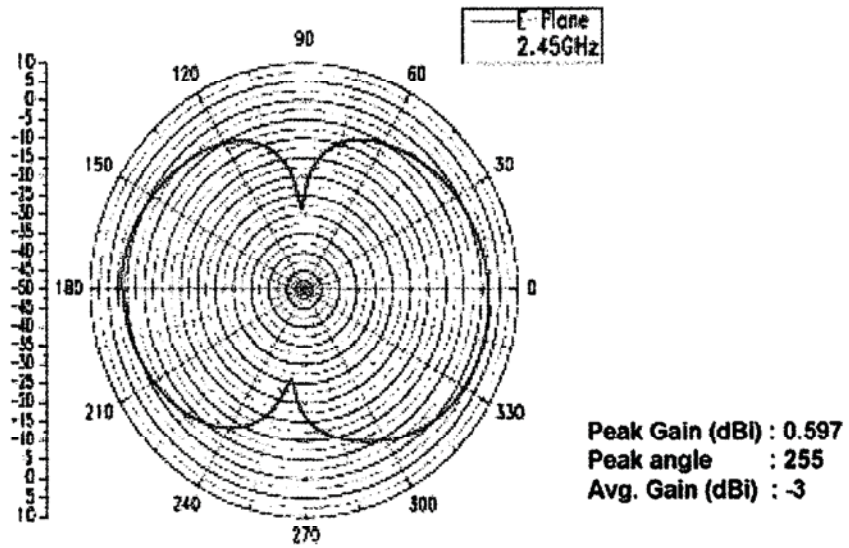
**Model.** MEIWF-HP01RS2X-2400

**Test Report**

**Pattern**

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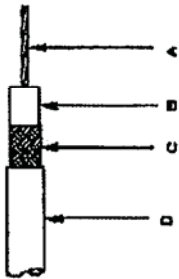
**Model.** MEIWF-HP01RS2X-2400

**Cable**

**RG316**

<b>Rev</b>	<b>Change</b>	<b>By</b>	<b>Date</b>
4	Revised Update	ETP	03/04/02



**Electricals:**

**Impedance:** 50 ± 2 Ohms

**Capacitance:** 32 pF/ft Max.

**Velocity of Prop.:** 70% Nom.

**Attenuation:**

0.10 GHz	7.9 dB/100ft.
0.40 GHz	16.0 dB/100ft.
1.00 GHz	25.7 dB/100ft.
2.00 GHz	37.0 dB/100ft.
2.45 GHz	41.3 dB/100ft.
3.00 GHz	46.0 dB/100ft.
4.00 GHz	53.8 dB/100ft.
5.00 GHz	60.9 dB/100ft.
8.00 GHz	67.3 dB/100ft.

**Construction:**

A) Center Conductor: 28 #00007 SPCC\*  
OD .0020" ± .001"

B) Dielectric: Extruded PTFE  
OD .060" ± .003"

C) Shields: 38 AWG SPCC\*  
OD .0775" Nom.

D) Jacket: FEP - Brown Tint  
OD .088" ± .003"

**Physical Properties:**

Weight per 1000 ft: 12.2 lbs Max.

Minimum Bend Radius: 5"

Operating Temperature Range: -65 F to +200° C

Conductor Break Strength: 13.3 lbs.

<b>Date:</b> 12/17/01	<b>Scale:</b> None	<b>Drawn By:</b> Miller
<b>Drawing Name:</b> RSS1 RH-F	<b>Rev:</b> A	<b>Approved By:</b> JED/0202
<b>Part Number:</b> TBD		<b>Sheet 1 of 1</b>
		<b>Drawn:</b> 12/17/01

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**Model.** MEIWF-HP01RS2X-2400

**Connector**

**Reverse 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°C ~ +165°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