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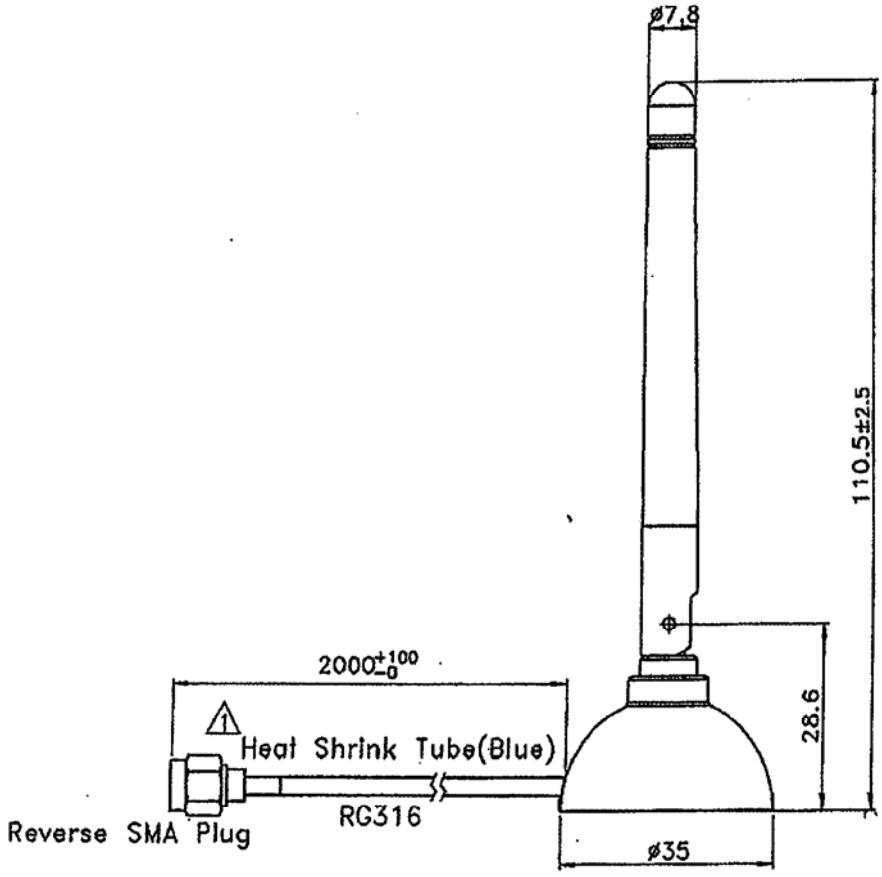
Item

Modification History:

Rev.	Date	Content
00	2011/2/10	

Rev	Zone	Description	ENG	Approved	Date
1	3C	Heat Shrink Tube Black→Blue	曾肇迪	萬執中	2008/11/25



Electrical Properties	
Frequency Range	2.4~2.5 GHz
Impedance	50 Ω
V.S.W.R.	≤2.0
Radiation	Omni
Gain	≤ 2dBi
Polarization	Vertical
Mechanical Properties	
Whip	PU/PC
Antenna Base	SPCC
Connector	Brass
Weight	50.5 g (est)
Operating Temp	−20℃ ~ +65℃

付属品

1. マグネットΦ30mm x 3mm
   PE 袋入り　1ケ
2. #516L 両面テープΦ31mm
   1ケ

UNLESS OTHERWISE SPECIFIED TOLERANCES ON:
X ± 1
XX ± 0.5
XXX ± 0.25
ANG. ± 2.0

THIRD ANGLE PROJECTION

DRAWN BY: CWTSENG
DESIGNED BY: 曾肇迪
CHECKED BY: 廖信寬
APPOVED BY: 萬執中

MATERIAL:
FINISH:
SCALE: 1/1 UNIT: mm
DATE: 2008/11/7
REV: 01

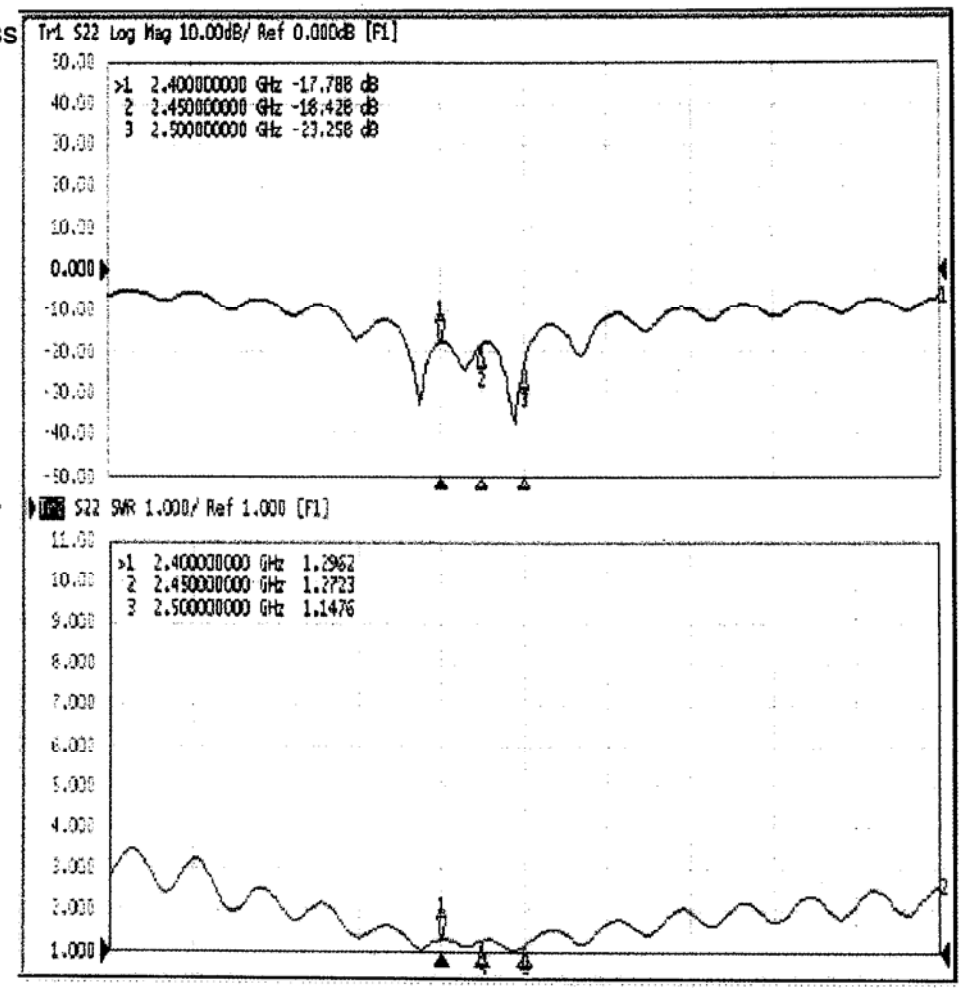
TITLE : #HP01 Flying Lead Antenna
DRAW NO. :
PART NO. : MEIWF-HP01RS2X-2400

MAP electronics co., ltd.
Material All Procurement

Model. MEIWF-HP01RS2X-2400

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

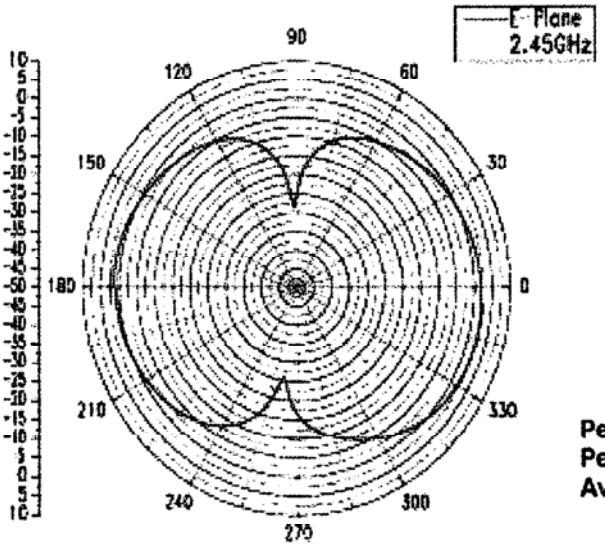
Return loss



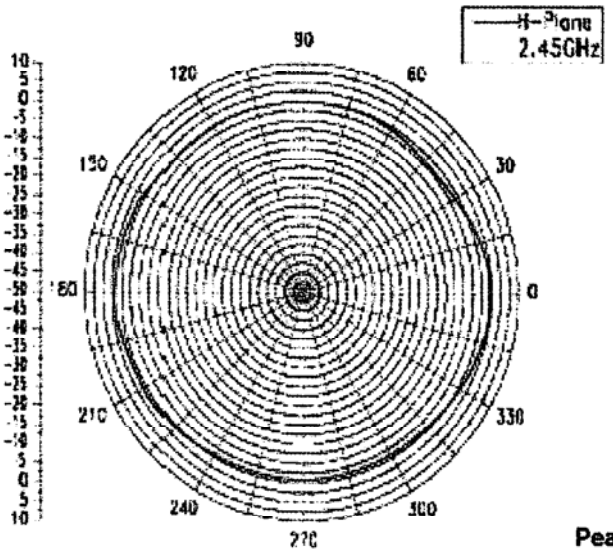
V.S.W.R.

Model. MEIWF-HP01RS2X-2400

Test Report **Pattern**



Peak Gain (dBi) : 0.597
Peak angle : 255
Avg. Gain (dBi) : -3



Peak Gain (dBi) : 0.0
Peak angle : 120
Avg. Gain (dBi) : -1

Model. MEIWF-HP01RS2X-2400

Cable **RG316**

Model. MEIWF-HP01RS2X-2400

Connector **Reverse SMA**

Specification Data	1) Impedance	50 ohm
	2) Frequency Range	0~6GHz
	3) V.S.W.R.	≦1.5
	4) Working Voltage	≦250 Vrms
	5) Dielectric Withstanding	≦670Vrms
	6) Voltage Insulation Resistance	≧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	≧50 lbs (222N)
	10) Contact captivation force	≧5 lbs (22.2N)
	11) Durability (mating)	≧500 cycles

Environmental Data	1) Operating Temperature	−65℃～+165℃
	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

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