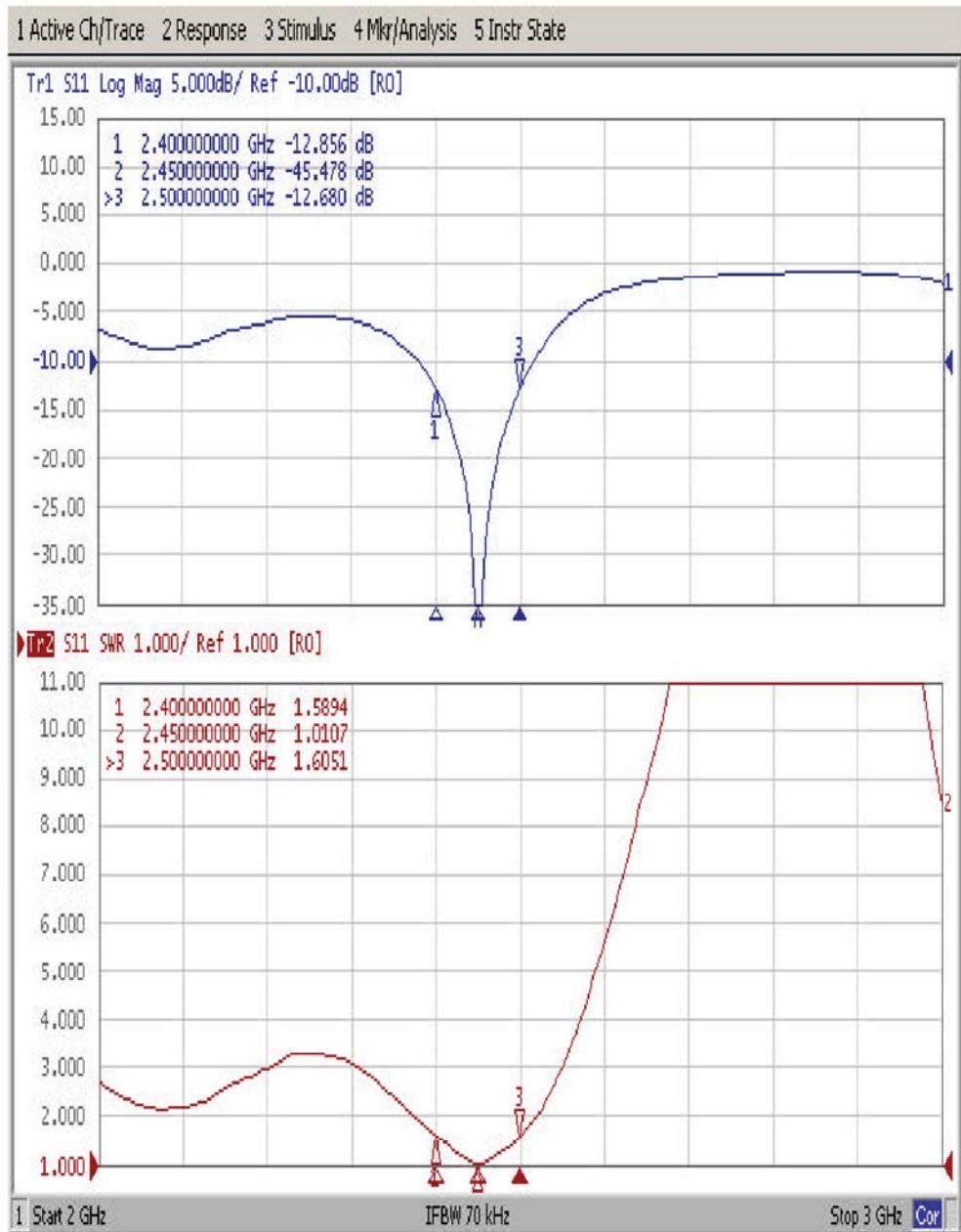


TOLERANCES:	
X	± 1
X.X	± 0.5
X.XX	± 0.25
ANG.	± 2.0°

REV DESCRIPTION	MATERIAL	MODEL:		
	FINISH	NAME: Swivel Antenna		
	UNIT: mm	PART No: MEIWX-151XSAXX-2400		
	SCALE: 1/1.2	DESIGN	APPROVE	REV
DATE: 4/30/2004	HUA		00	

Returnloss



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**Connector****SMA Plug**

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The connector is a SMA plug join on the antenna.

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Electrical Properties	1) Impedance	50ohm
	2) Frequency Range	0~8GHz
	3) V.S.W.R.	1.1(Max.)
	4) Working Voltage	≤250Vrms
	5) Dielectric Withstanding	≤750Vrms
	6) Voltage Insulation Resistance	≥2000Megohm
	7) Contact Resistance	Center contact: 3.0 Milliohm(Max.) Outer contact: 2.5 Milliohm(Max.)
	8) Insertion Loss(2.4GHz)	0.3dB

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Mechanical Properties	1) Recommended coupling nut torque	4.0in.lbs.~8.8in.lbs.
	2) Coupling nut retention force	≥50lbs.
	3) Contact captivation axial	≥5lbs.

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Environmental Ratings	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	1) Body	Brass Per JISH 3250 C3604 BD, Black chrome Plated
	2) Contact	Beryllium Copper Per QQ-C-530, Gold Plated Per MIL-G-45204
	3) Insulator	PTFE Fluorocarbon Per ASTM D1710

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