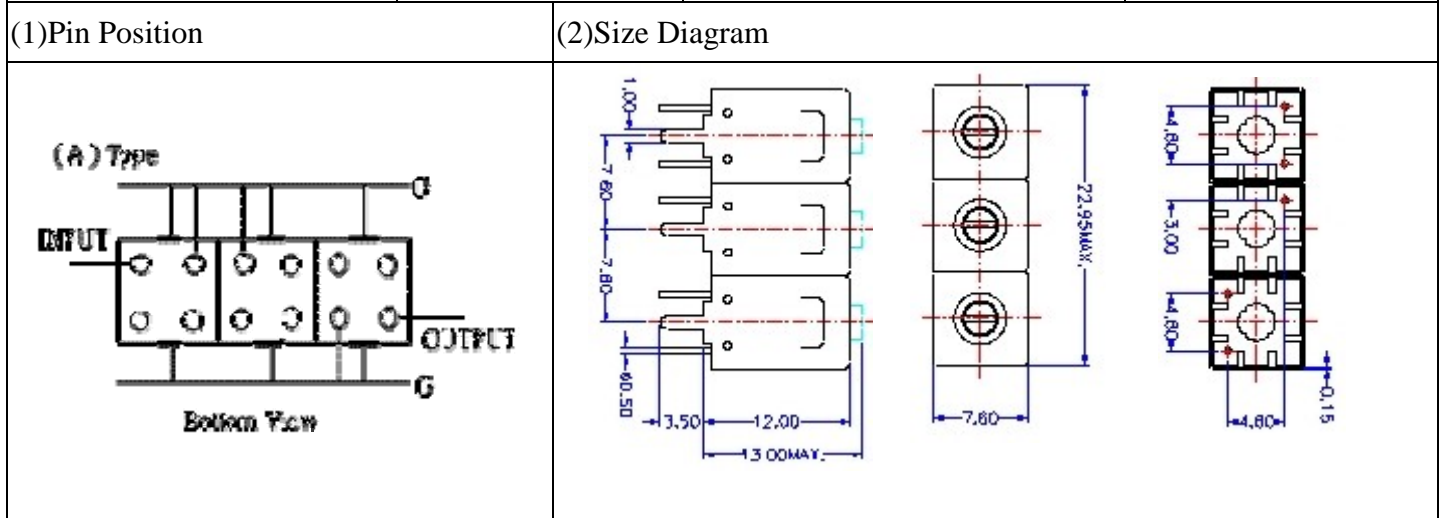


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67151A-915M
Approval No. /dated	2008045B	Acceptable Specify Fo. Range	901~930MHz
Work Instruction No.	2008045B	Date	Aug.09.2000



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	915 MHz	915 MHz	
Tunable Range	915±10 MHz	915±10 MHz	
Insertion Loss	Typ. 6.5 dB	5.1 dB	
-3 dB Bandwidth	Typ. 10 MHz	14 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 48 dBc	51 dBc
	Fo + 50 MHz	Typ. 36 dBc	39 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	37.9 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 100gf • cm

(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

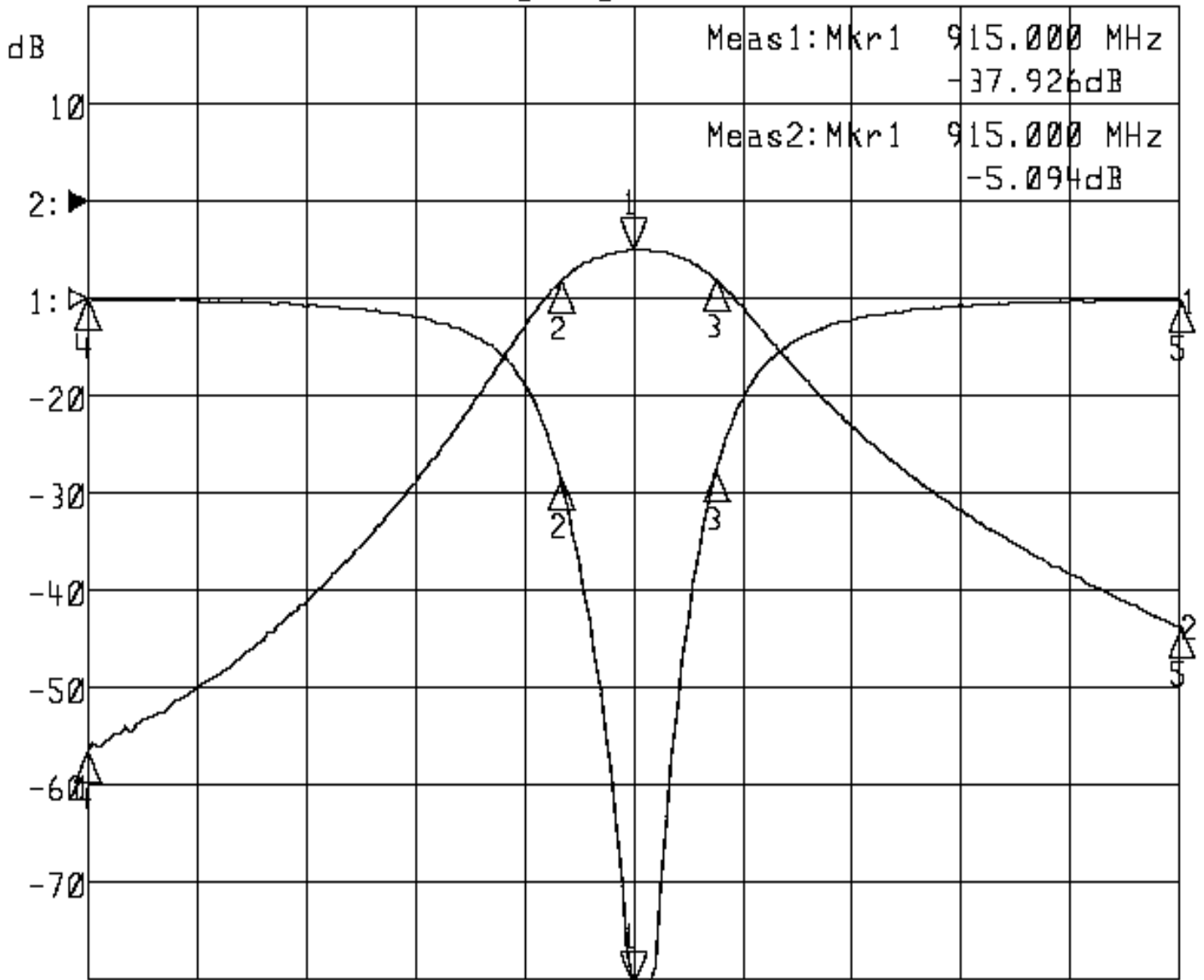
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*6.5) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TT67151A-915M

2008045B

►1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
►2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 915.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 915.0000	-37.926	1> 915.0000	-5.094
2: 908.3667	-9.296	2: 908.3667	-8.152
3: 922.5667	-8.864	3: 922.5667	-8.036
4: 865.0000	-0.004	4: 865.0000	-56.539
5: 965.0000	-0.066	5: 965.0000	-43.667