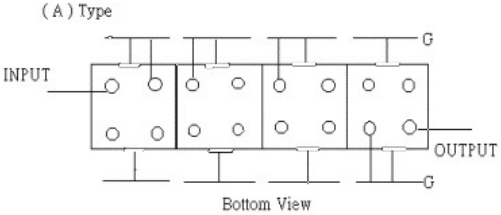
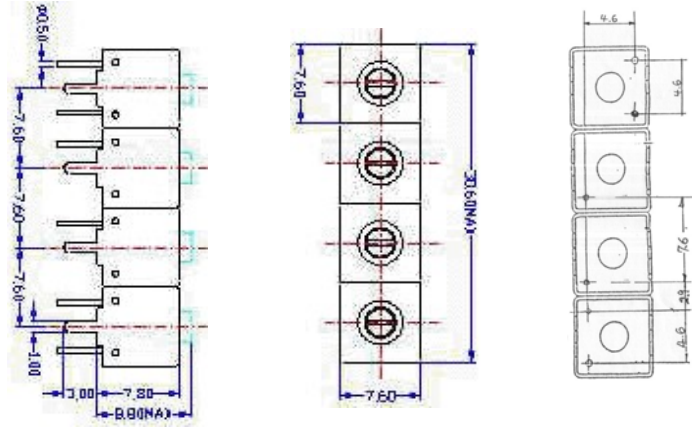


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFS4222A-997M
Approval No. /dated	20106005DC	Acceptable Specify Fo. Range	976~1000MHz
Work Instruction No.	20106005DC	Date	2001.06.05

<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	997 MHz	997 MHz	
Insertion Loss	Typ. 7.0 dB	6.2 dB	
-3 dB Bandwidth	Typ. 10 MHz	20 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 53 dBc	55 dBc
	Fo + 50 MHz	Typ. 49 dBc	52 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	14 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
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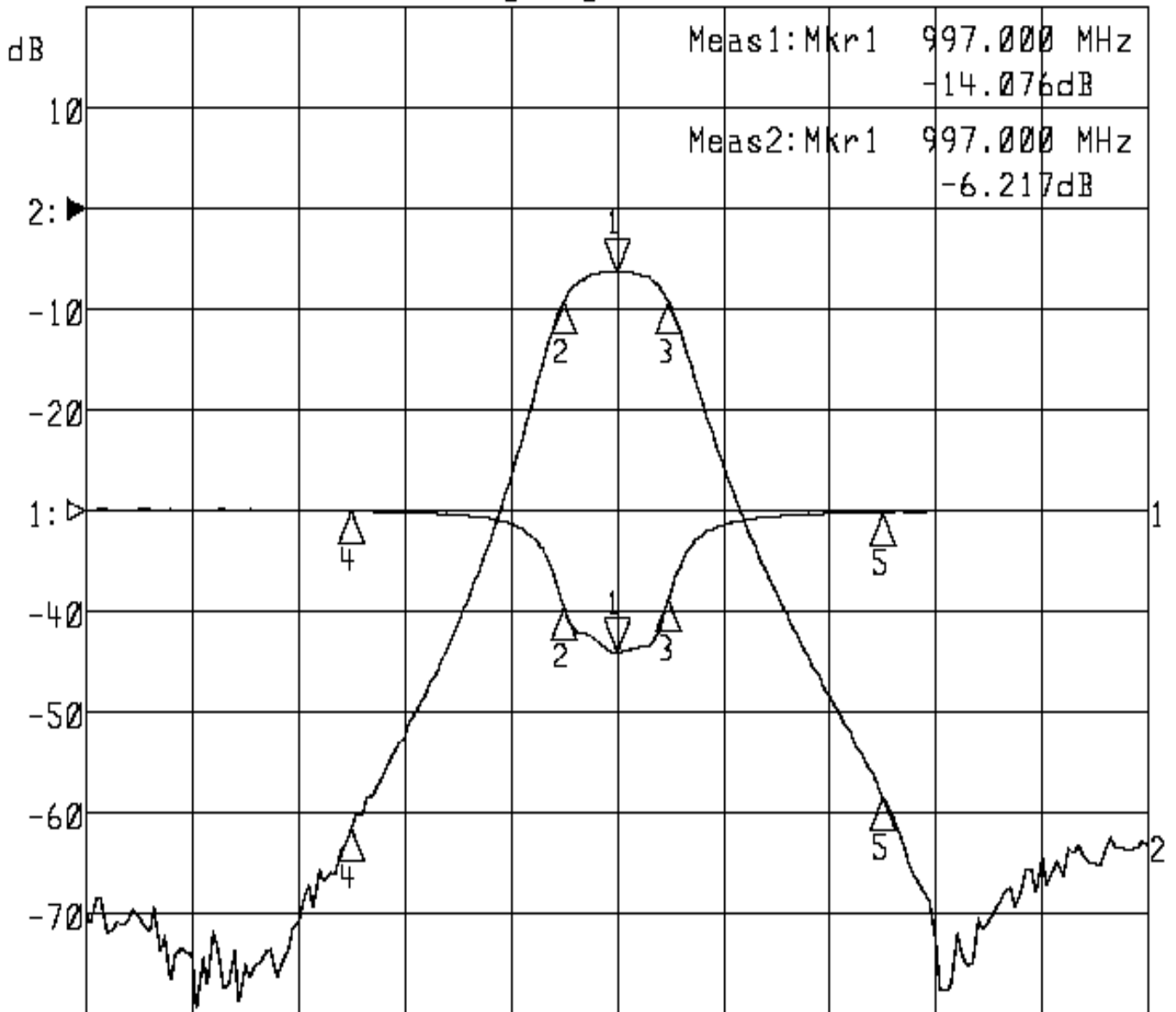
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S4S(4*4.5) 7S046LB4

TEMWELL CORPORATION

Performance- TFS4222A-997M

20106005DC

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



Center 997.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 997.0000	-14.076	1> 997.0000	-6.217
2: 986.9333	-9.471	2: 986.9333	-9.257
3: 1006.6667	-8.836	3: 1006.6667	-9.189
4: 947.0000	-0.071	4: 947.0000	-61.554
5: 1047.0000	-0.201	5: 1047.0000	-58.505