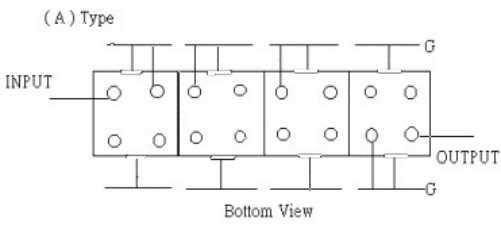
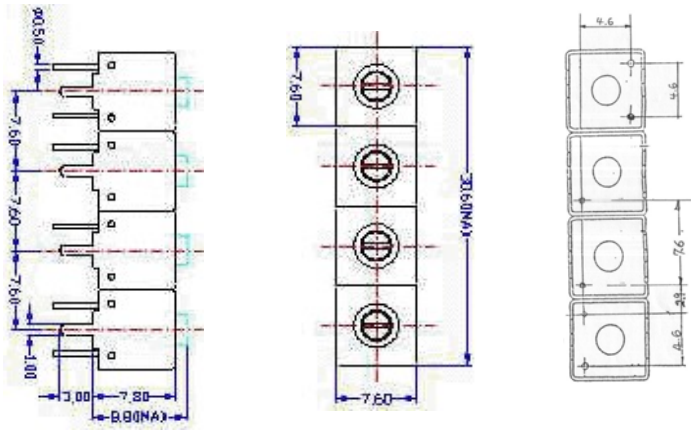


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFS4212A-958M
Approval No. /dated	20106004DC	Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	20106004DC	Date	2001.06.05

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

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	958 MHz	958 MHz
Insertion Loss	Typ. 6.0 dB	5.4 dB
-3 dB Bandwidth	Typ. 12 MHz	22 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 57 dBc
	Fo + 50 MHz	Typ. 42 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	20 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	7S4S(4*4.5) 7S046LB4

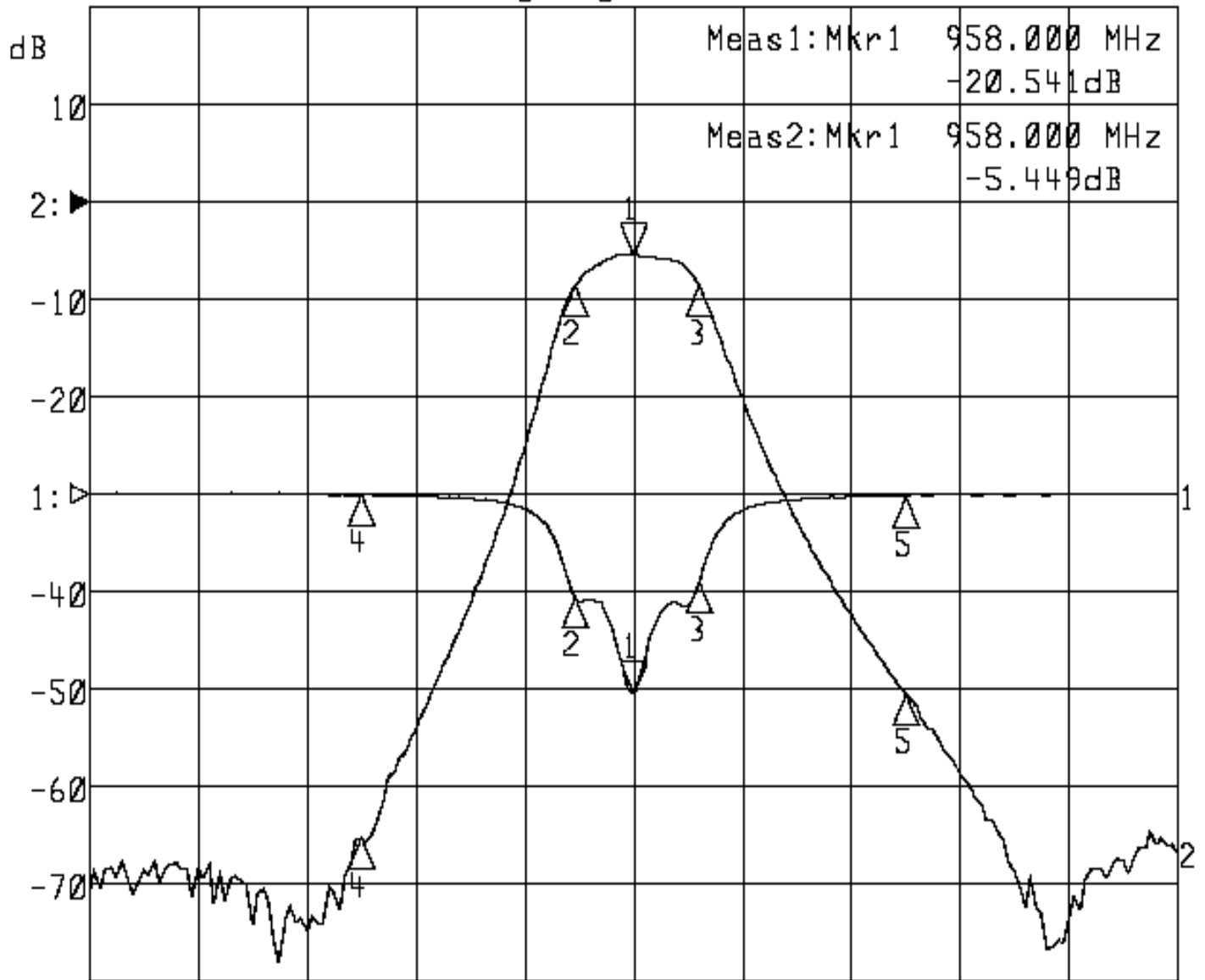
TEMWELL CORPORATION

Performance- TFS-4212A-958M

20106004DC

▶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 958.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 958.0000	-20.541	1> 958.0000	-5.449
2: 947.4000	-10.615	2: 947.4000	-8.432
3: 970.0000	-9.033	3: 970.0000	-8.427
4: 908.0000	-0.049	4: 908.0000	-65.350
5: 1008.0000	-0.184	5: 1008.0000	-50.416