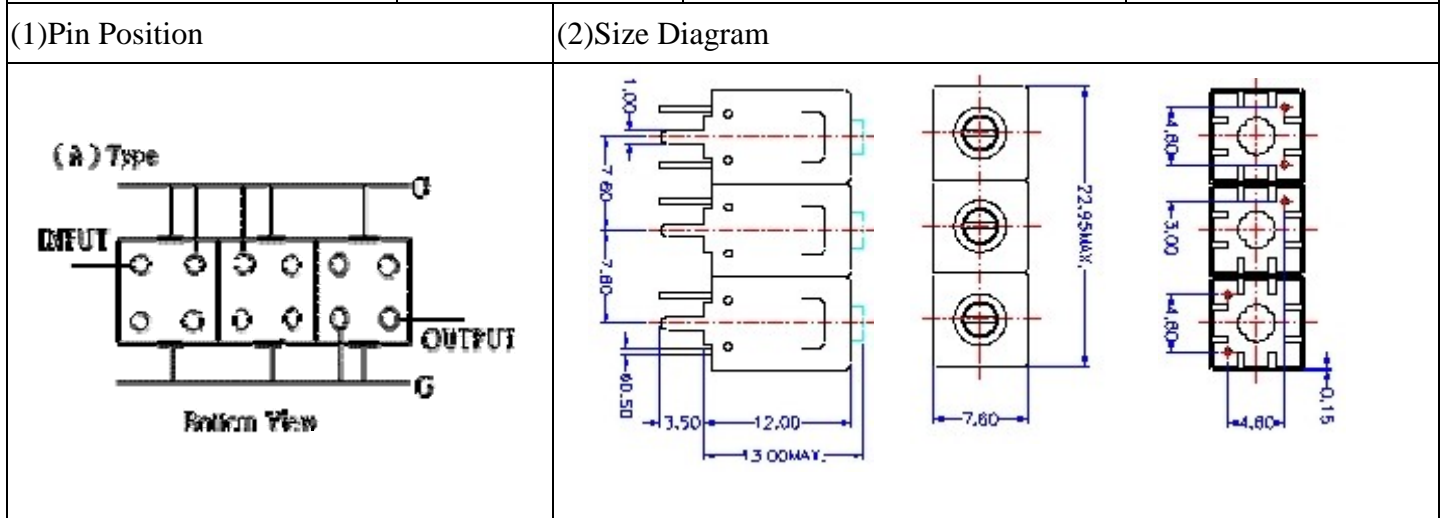


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67475A-670M
Approval No. /dated	20105047DC	Acceptable Specify Fo. Range	661~700MHz
Work Instruction No.	20105047DC	Date	



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	670 MHz	670	MHz
Tunable Range	670±3 MHz	670±3	MHz
Insertion Loss	Typ. 2.5 dB	1.6	dB
-3 dB Bandwidth	Typ. 35 MHz	42	MHz
Sensitivity (Attenuation)	Fo -100 MHz	Typ. 48	dBc
	Fo +100 MHz	Typ. 35	dBc
	Fo - ( )MHz	Typ.	dBc
	Fo +( )MHz	Typ.	dBc
Return Loss	Min. 12 dB	26.7	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

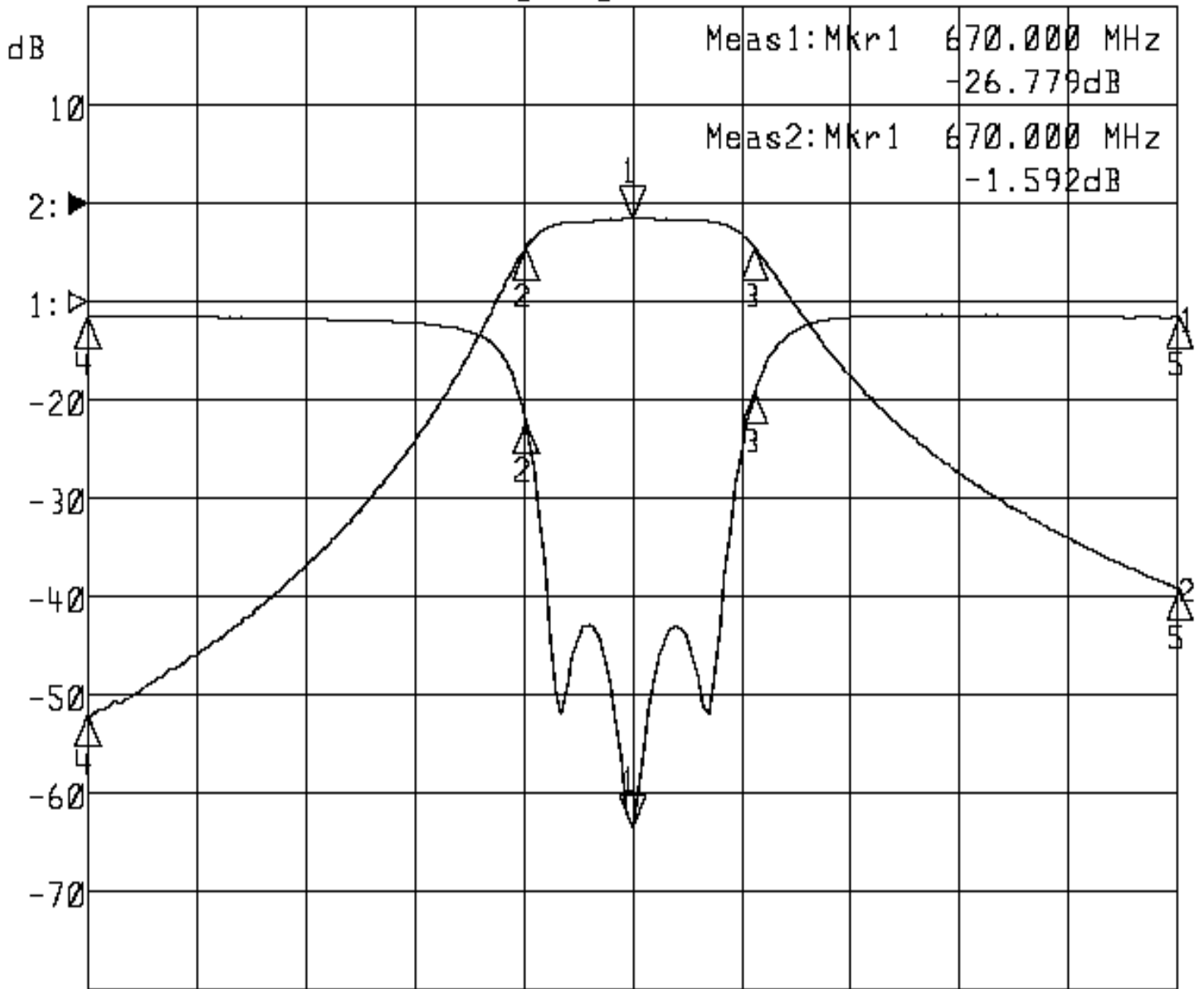
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*6.5)F 7H046LB5

TEMWELL CORPORATION

# Performance-TT67475A-670M

## 20105047DC

▶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 670.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 670.0000	-26.779	1> 670.0000	-1.592
2: 650.4667	-6.067	2: 650.4667	-4.518
3: 692.5333	-4.625	3: 692.5333	-4.532
4: 570.0000	-0.750	4: 570.0000	-52.114
5: 770.0000	-0.803	5: 770.0000	-39.199