



Custom Made UHF Filter & Duplexer

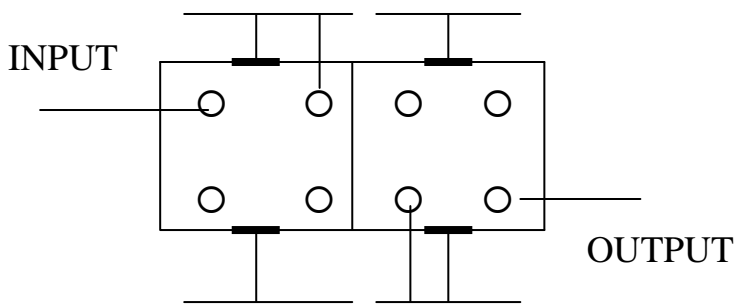
# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67162A-870M
Approval No. /dated		Customer's Part No.	
Work Instruction No.		Date	86/10/06
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	2S	Case size :	
Terminator Type	A		

\* Pin Position (Pin Connection) diagram as following

( A ) Type



(Bottom View )

(3) Electric Charasteric

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	870 MHz	870 MHz
Insertion Loss	Typ. 3.0 dB	2.1 dB
-3 dB Bandwidth	Typ. 20 MHz	24.7 MHz
Sensensitivity (Attenuation )	Fo - 100 MHz	Typ. 37 dBc
	Fo + 100 MHz	Typ. 32 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	26.3 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

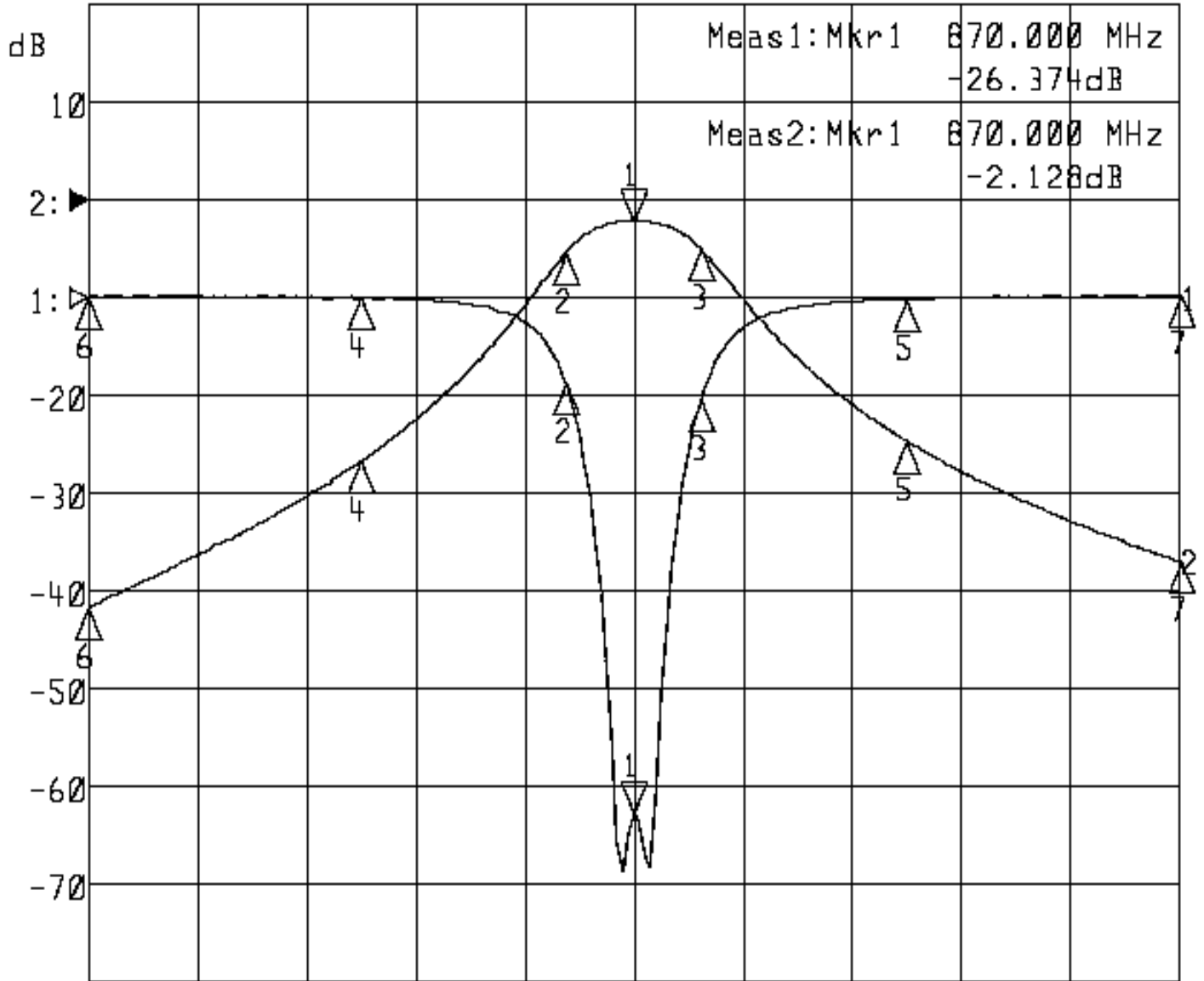
Approval	Supervisor	Designer	Aperture size
			7H2S(4*4.65)(4.7) 7H046LB4 聚 3
<b>TEMWELL CORPORATION</b>			

# Performance- TD67162A-870M

## 9710102

▶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 870.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 870.0000	-26.374	1> 870.0000	-2.128
2: 857.5333	-4.348	2: 857.5333	-5.390
3: 882.2667	-5.228	3: 882.2667	-4.998
4: 820.0000	0.001	4: 820.0000	-26.683
5: 920.0000	-0.067	5: 920.0000	-24.682
6: 770.0000	0.042	6: 770.0000	-41.756
7: 970.0000	0.086	7: 970.0000	-36.956