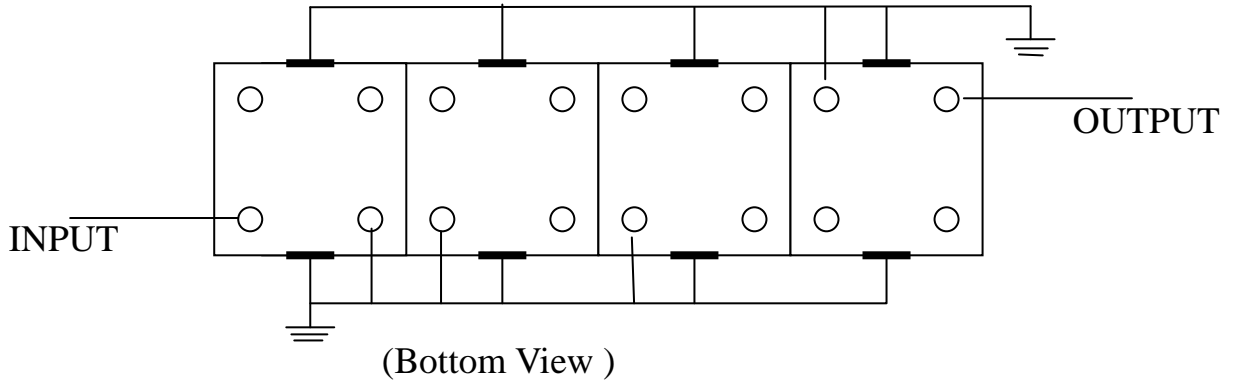


## Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69612B-550M
Approval No. /dated	20208082DC	Customer's Part No.	
Work Instruction No.	20208082DC	Date	2002/08/29
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4S	Case size : ( mm)	
Terminator Type	B		

\* Pin Position (Pin Connection) diagram as following  
( B ) Type



### (3) Electric Character

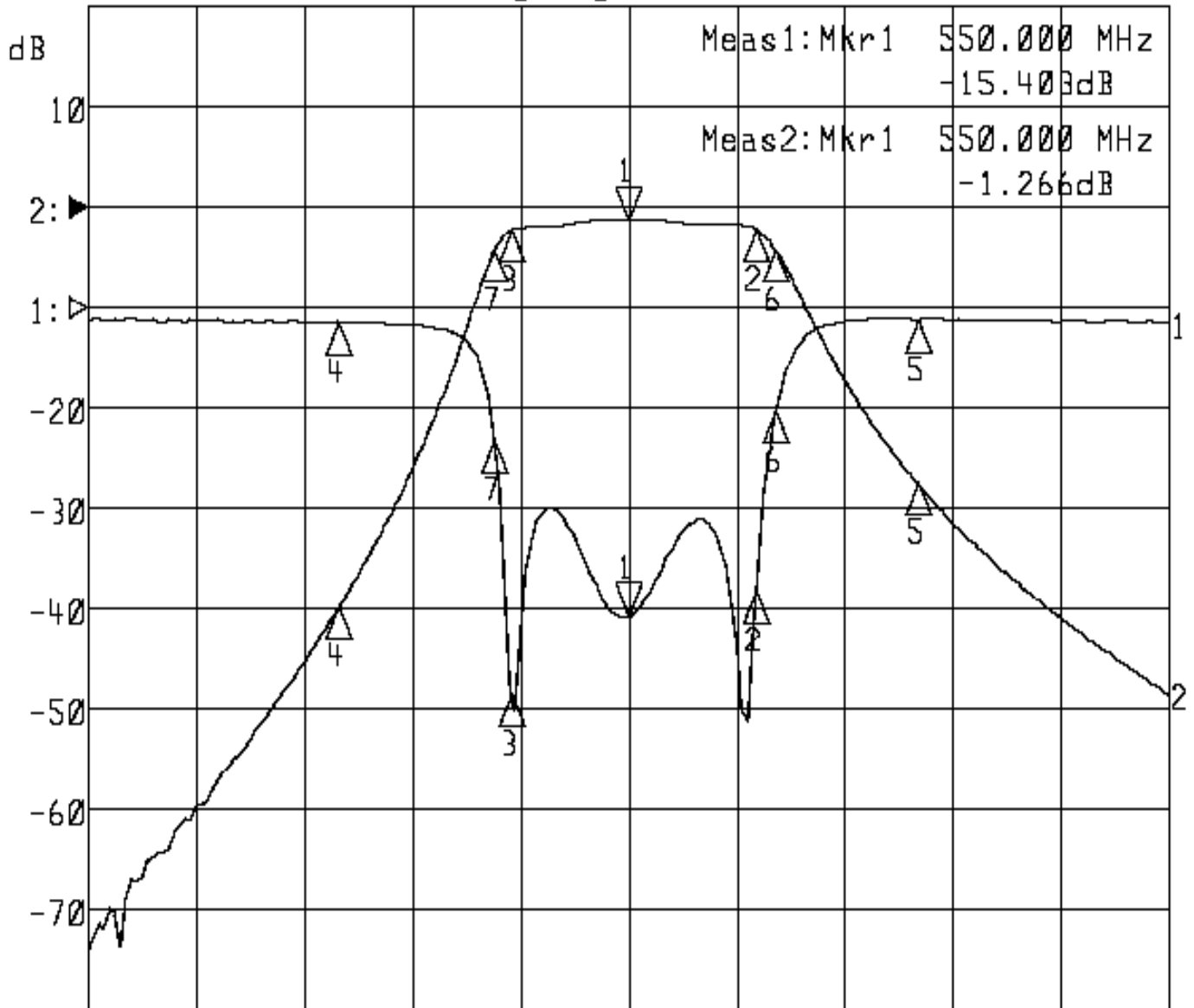
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	550 MHz	550 MHz	
Insertion Loss	Typ. 2.5 dB	1.3 dB	
-1 dB Bandwidth	Typ. 65 MHz	68 MHz	
-3 dB Bandwidth	Typ. 70 MHz	73 MHz	
Sensitivity (Attenuation)	Fo - 80 MHz	Typ. 35 dBc	38 dBc
	Fo +80 MHz	Typ. 23 dBc	26 dBc
	Fo MHz	Typ. dBc	dBc
	Fo MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15.4 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	

Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	C.S.Chang	7H4S(4*7.5) 7H046LB6

# Performance-TFL69612B-550M

20208082DC

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C?  
 ▶2:S12 Rev Trans Log Mag 10.0 dB/ Ref 0.00 dB C?



Meas1:Mkr1 550.000 MHz  
 -15.403dB  
 Meas2:Mkr1 550.000 MHz  
 -1.266dB

Center 550.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 550.0000	-15.403	1> 550.0000	-1.266
2: 585.3800	-14.080	2: 585.3800	-2.216
3: 517.4800	-19.241	3: 517.4800	-2.235
4: 470.0000	-0.716	4: 470.0000	-39.631
5: 630.0000	-0.609	5: 630.0000	-27.466
6: 590.8000	-5.175	6: 590.8000	-4.219
7: 512.8000	-6.578	7: 512.8000	-4.215