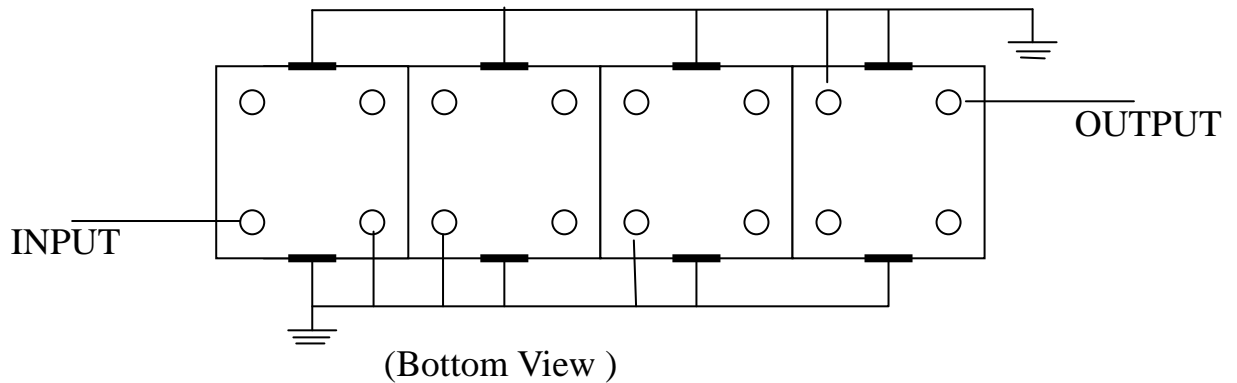


## Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69604B-420M
Approval No. /dated	20208068DC	Customer's Part No.	
Work Instruction No.	20208068DC	Date	2002/8/20
<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 %	420 MHz	420 MHz
Insertion Loss	Typ. 2.0 dB	1.1 dB
-1 dB Bandwidth	Typ. 40 MHz	42 MHz
-3 dB Bandwidth	Typ. 45 MHz	47 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 79 dBc
	Fo +100 MHz	Typ. 49 dBc
		Typ. dBc
		Typ. dBc
Return Loss	Min. 12 Db	18 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75 Ω	In / Out : 75 Ω

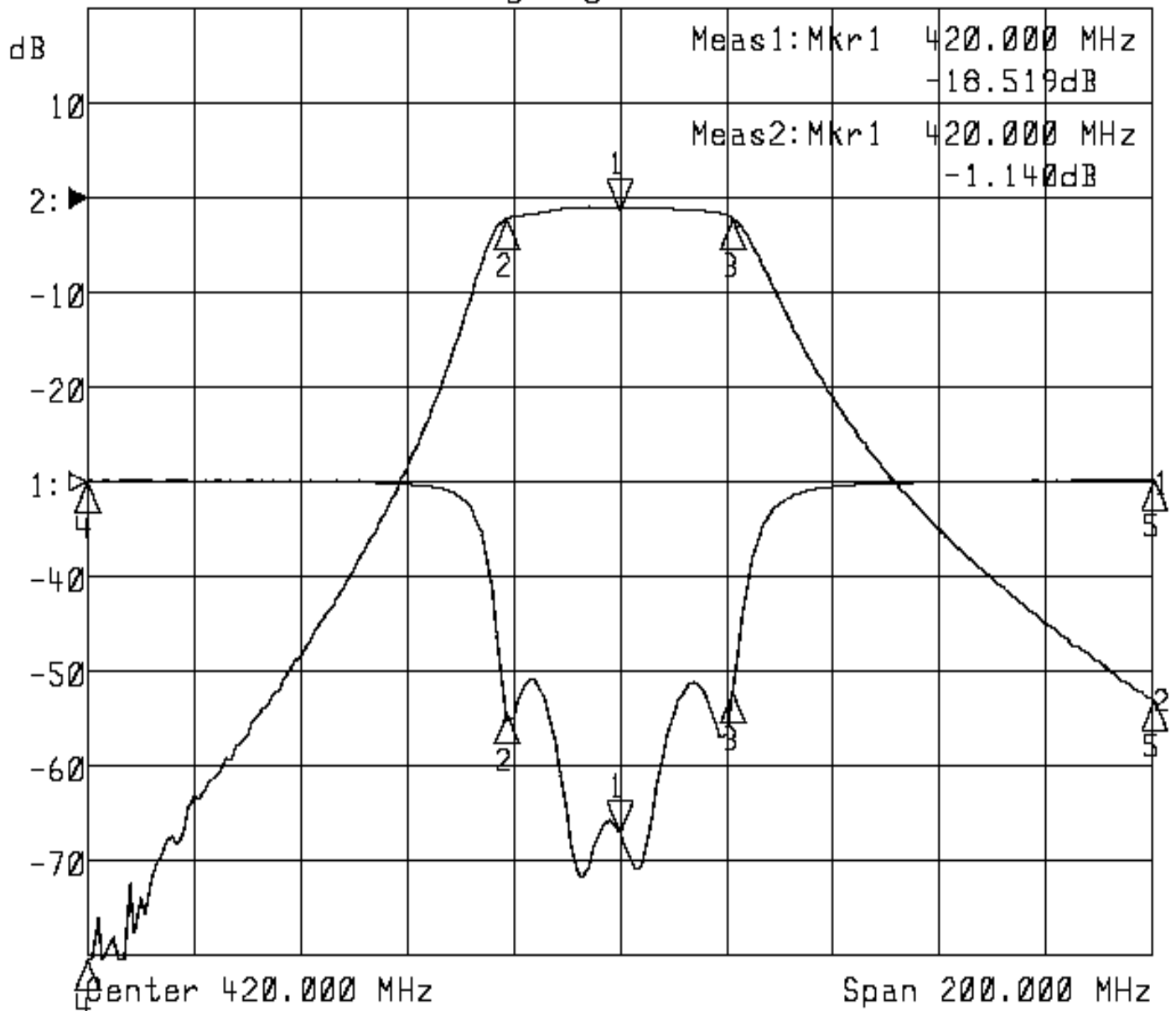
Approval	Supervisor	Designer	Aperture size
C.S. Chang	C.S. Chang	C.S. Chang	7H4S(4*7.5) 7H046LB5

TEMWELL CORPORATION

# Performance-TFL69604B-420M

## 20208068DC

▷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?



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 420.0000	-18.519	1> 420.0000	-1.140
2: 398.8000	-12.238	2: 398.8000	-2.161
3: 441.2000	-11.172	3: 441.2000	-2.148
4: 320.0000	0.058	4: 320.0000	-82.842
5: 520.0000	0.103	5: 520.0000	-52.888