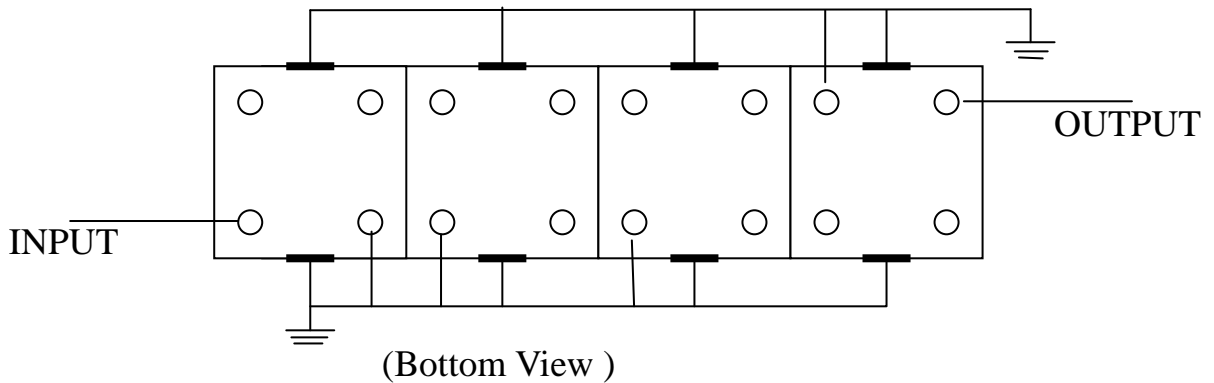


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69613B-610M
Approval No. /dated	20208083DC	Customer's Part No.	
Work Instruction No.	20208083DC	Date	2002/09/02
<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

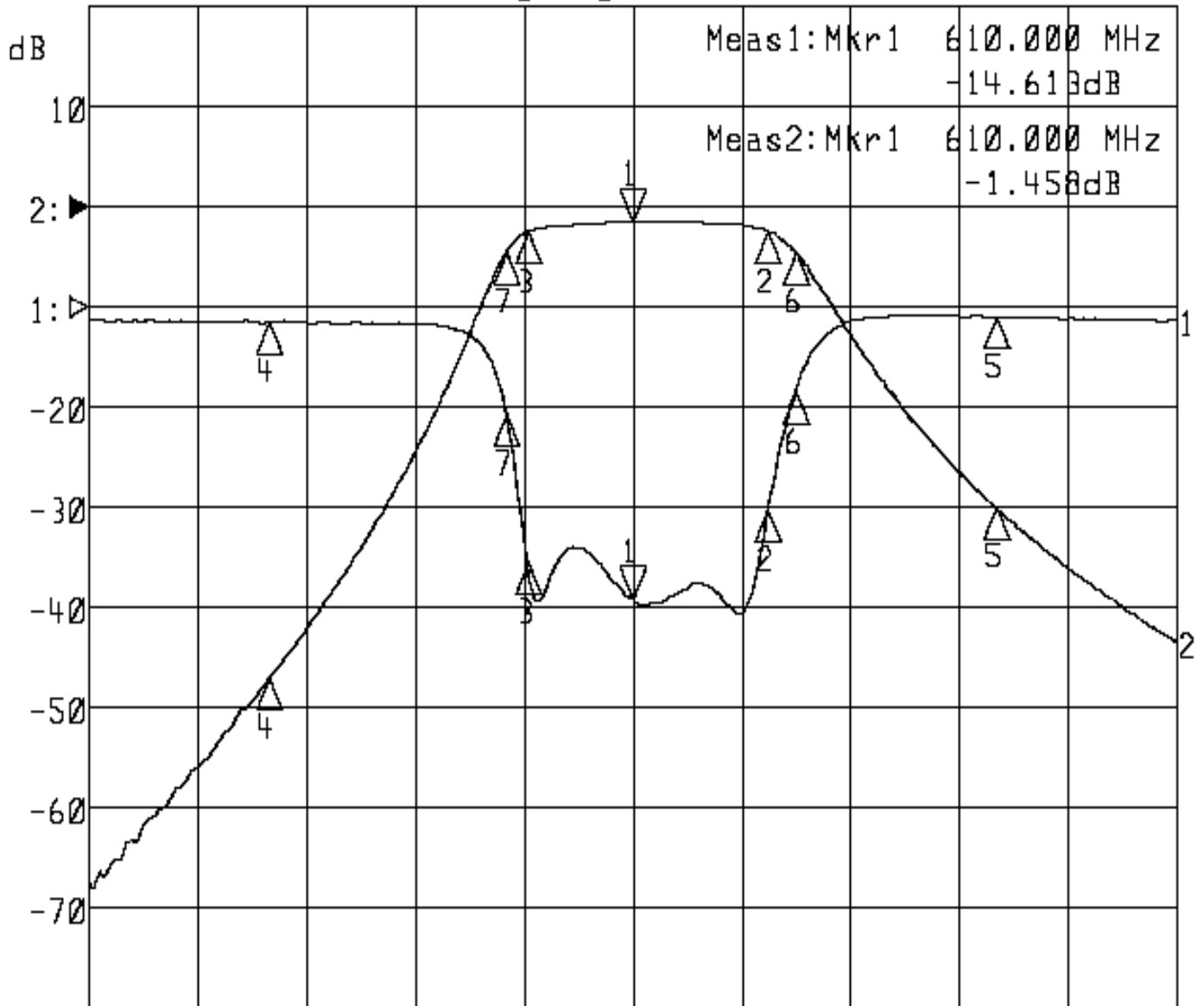
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	610 MHz	610 MHz
Insertion Loss	Typ. 2.5 dB	1.4 dB
-1 dB Bandwidth	Typ. 63 MHz	66 MHz
-3 dB Bandwidth	Typ. 68 MHz	71 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 43 dBc
	Fo + 100 MHz	Typ. 26 dBc
	Fo MHz	Typ. dBc
	Fo MHz	Typ. dBc
Return Loss	Min. 12 dB	14.6 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-TFL69613B-610M

20208083DC

▶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



Center 610.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 610.0000	-14.613	1> 610.0000	-1.458
2: 647.3000	-10.074	2: 647.3000	-2.434
3: 581.0000	-12.760	3: 581.0000	-2.451
4: 510.0000	-0.771	4: 510.0000	-47.004
5: 710.0000	-0.528	5: 710.0000	-30.014
6: 654.6667	-4.216	6: 654.6667	-4.465
7: 575.2000	-5.351	7: 575.2000	-4.455