

T E M W E L L

Custom Made UHF Filter & Duplexer

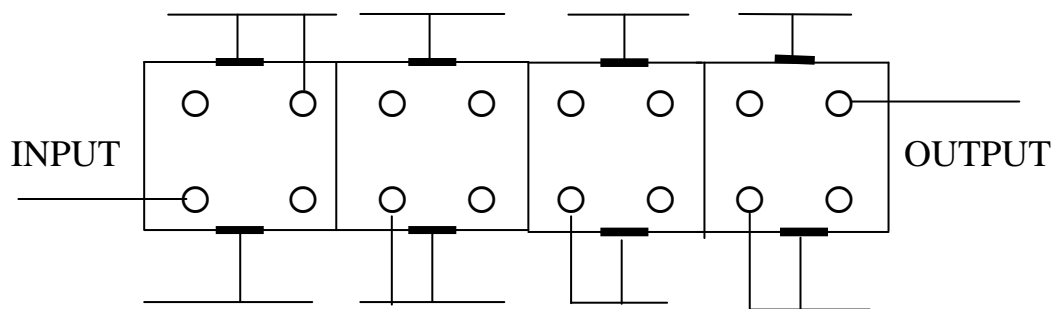
Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69532F-600M
Approval No. /dated	20208027DC	Customer's Part No.	
Work Instruction No.	20208027DC	Date	2002.08.16
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4	Case size : (mm)	
Terminator Type	F		

* Pin Position (Pin Connection) diagram as following

(F) Type



(Bottom View)

(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	600 MHz	600 MHz
Insertion Loss	Typ. 2.5 dB	1.7 dB
-1 dB Bandwidth	Typ. 40 MHz	42 MHz
-3 dB Bandwidth	Typ. 45 MHz	47 MHz
Sensitivity (Attenuation)	Fo- 50 MHz	Typ. 32 dBc
	Fo+ 50 MHz	Typ. 17 dBc
	Fo- () MHz	Typ. dBc
	Fo+ ()MHz	Typ. dBc
Return Loss	Min. 12 dB	16.3 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75 Ω	In / Out : 75 Ω

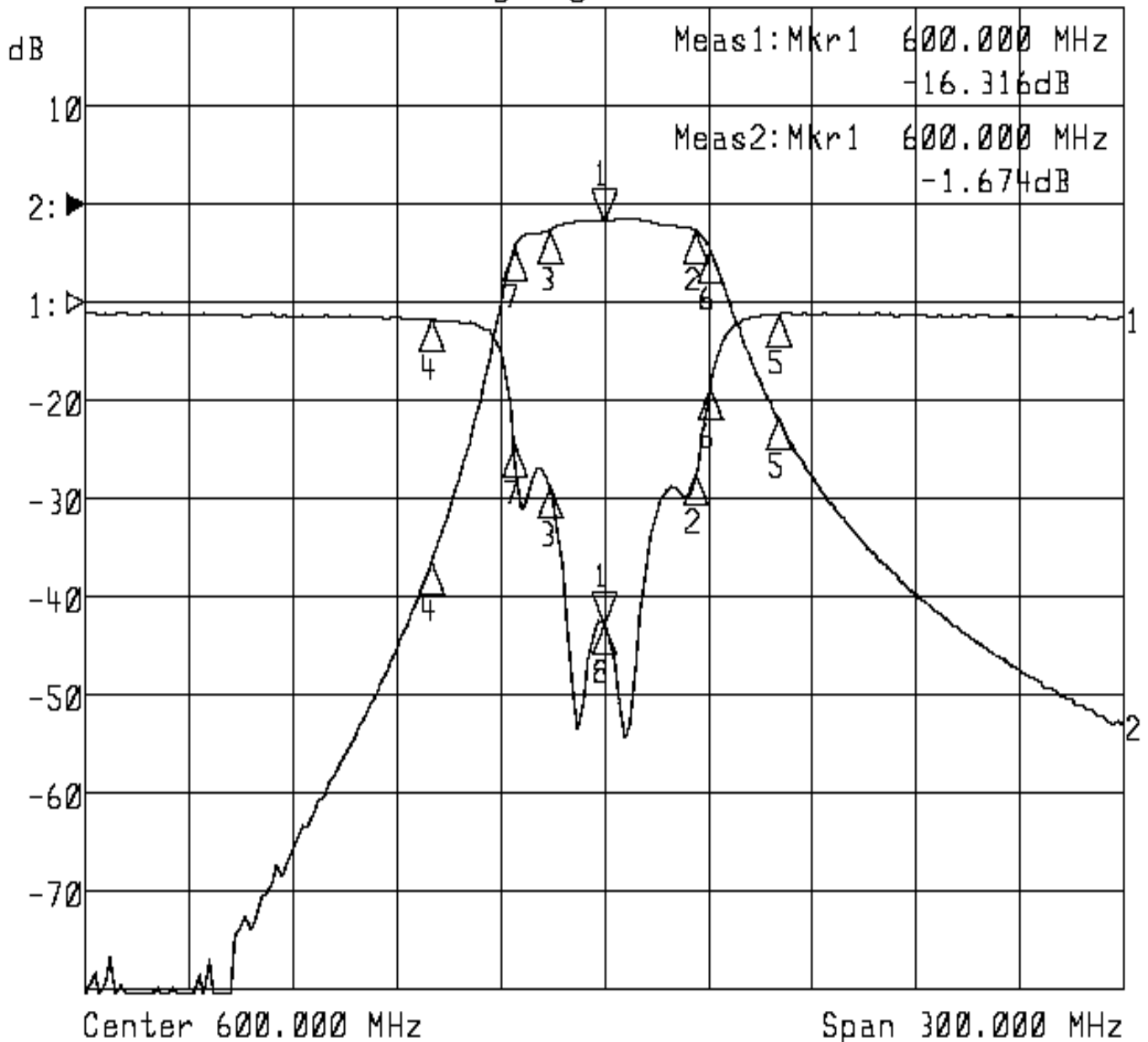
Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	C.S.Chang	7H4S(4*6.5) 7H046LB5

TEMWELL CORPORATION

Performance-TFL69532F-600M

20208027DC

▶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



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 600.0000	-16.316	1> 600.0000	-1.674
2: 626.5000	-8.777	2: 626.5000	-2.655
3: 584.1333	-9.337	3: 584.1333	-2.637
4: 550.0000	-0.862	4: 550.0000	-36.594
5: 650.0000	-0.606	5: 650.0000	-21.736
6: 630.6000	-4.335	6: 630.6000	-4.646
7: 574.0000	-7.252	7: 574.0000	-4.615
8: 600.0000	-16.316		