

T E M W E L L

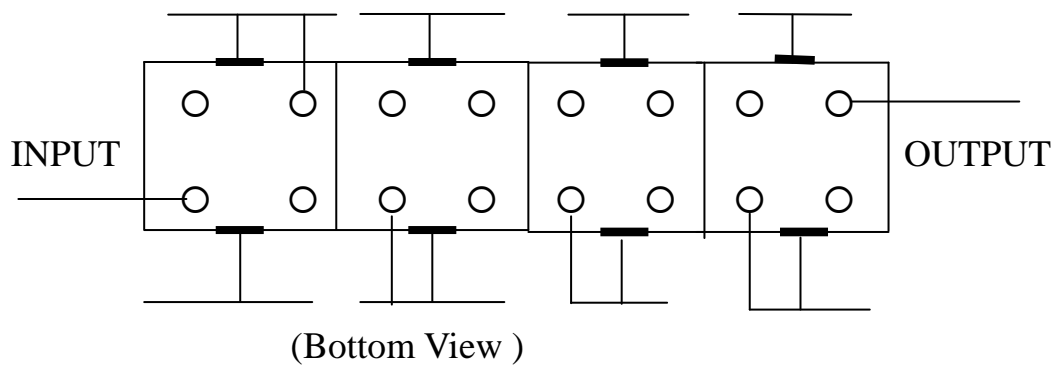
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69533F-635M
Approval No. /dated	20208028DC	Customer's Part No.	
Work Instruction No.	20208028DC	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



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	635 MHz	635 MHz
Insertion Loss	Typ. 2.5 dB	1.6 dB
-1 dB Bandwidth	Typ. 39 MHz	41 MHz
-3 dB Bandwidth	Typ. 44 MHz	46 MHz
Sensitivity (Attenuation)	Fo- 50 MHz	Typ. 30 dBc
	Fo+ 50 MHz	Typ. 17 dBc
	Fo- () MHz	Typ. dBc
	Fo+ ()MHz	Typ. dBc
Return Loss	Min. 12 dB	19.3 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75Ω	In / Out : 75 Ω

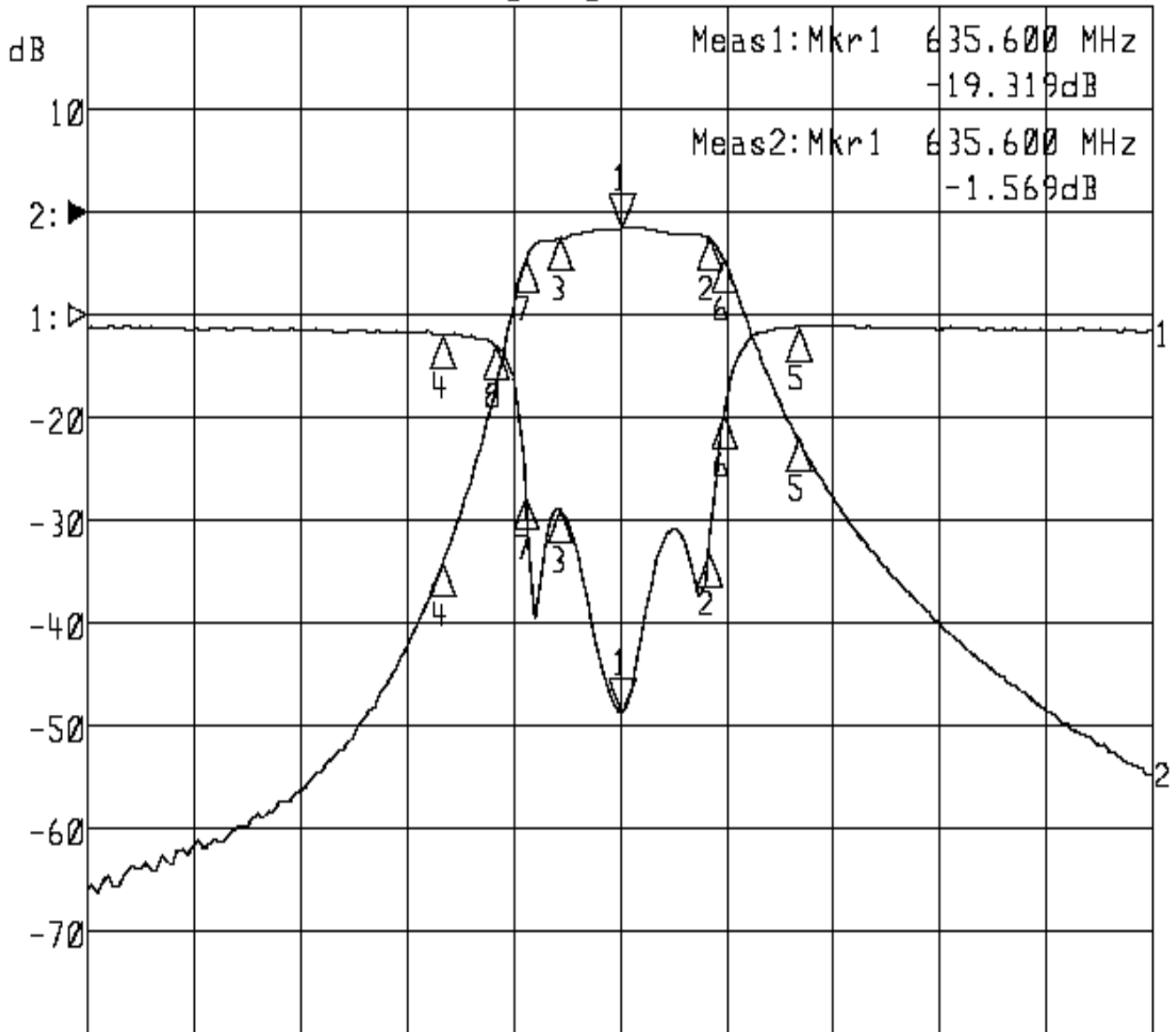
Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	C.S.Chang	7H4S(4*7.5) 7H046LB5

TEMWELL CORPORATION

Performance-TFL69533F-635M

20208028DC

▷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 635.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 635.6000	-19.319	1> 635.6000	-1.569
2: 659.9000	-11.667	2: 659.9000	-2.516
3: 618.4333	-9.508	3: 618.4333	-2.542
4: 585.0000	-0.978	4: 585.0000	-34.364
5: 685.0000	-0.585	5: 685.0000	-21.921
6: 664.2000	-4.921	6: 664.2000	-4.515
7: 608.7000	-8.864	7: 608.7000	-4.527
8: 600.0000	-1.490		