



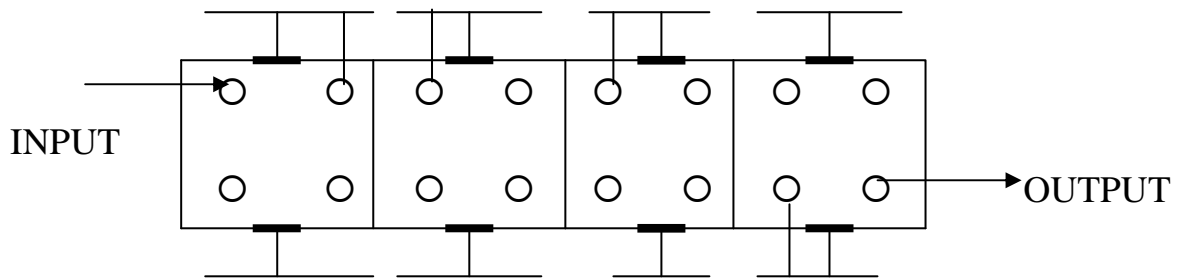
Custom Made UHF Filter & Duplexer

# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69538A-810M
Approval No. /dated	20208033DC	Customer's Part No.	
Work Instruction No.	20208033DC	Date	2002/8/9
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4S	Case size : ( mm)	
Terminator Type	A		

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



(Bottom View )

(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	810 MHz	810 MHz
Insertion Loss	Typ. 3.0 dB	2.1 dB
-1 dB Bandwidth	Typ. 46 MHz	50 MHz
-3 dB Bandwidth	Typ. 51 MHz	55 MHz
Sensitivity (Attenuation )	Fo - 100 MHz	Typ. 56 dBc
	Fo + 100 MHz	Typ. 32 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	18.4 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*6.5 7H046LB5

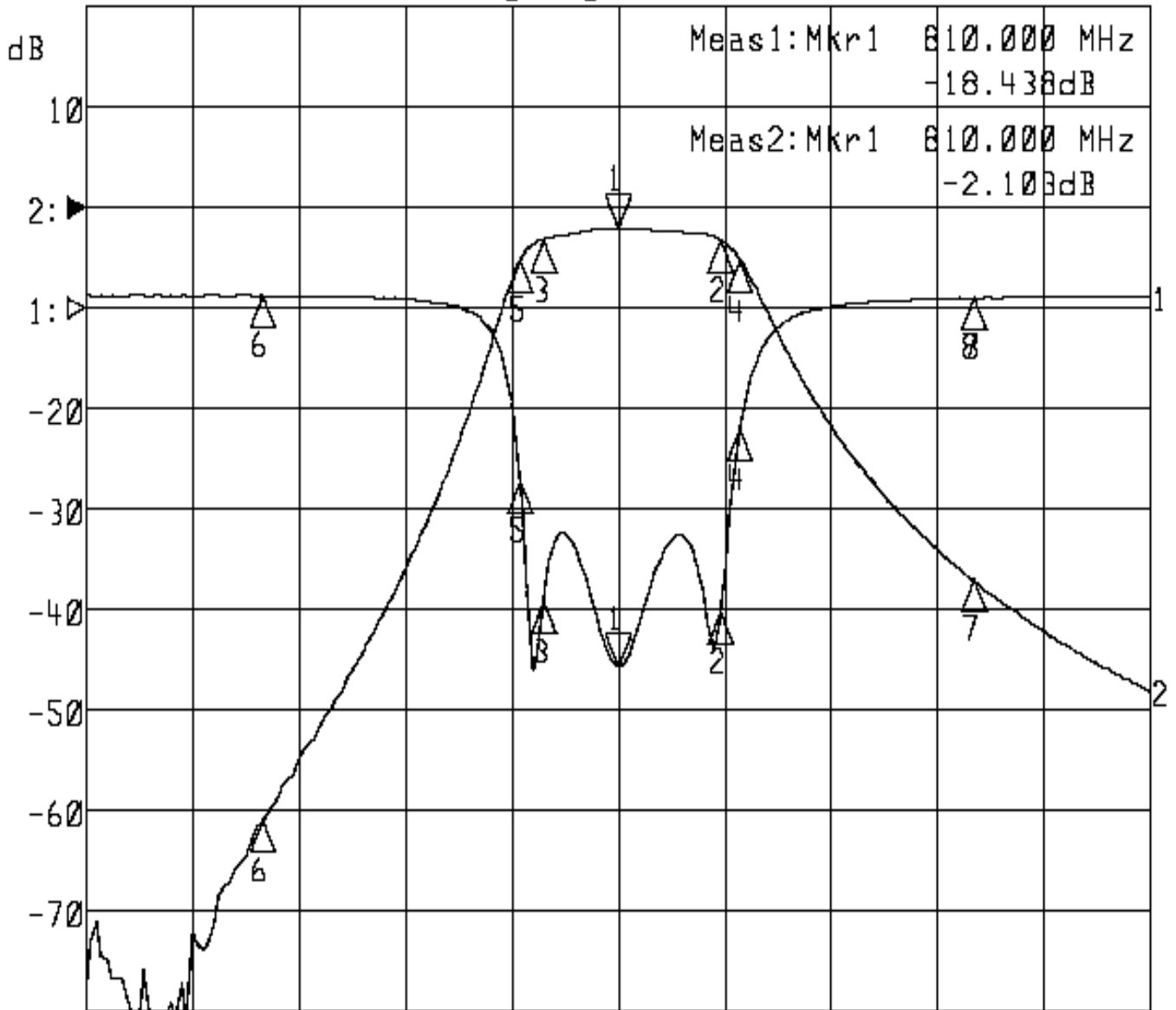
**TEMWELL CORPORATION**

(Form7h3aspecsheet )

# Performance-TFL69538A-810M

## 20208033DC

▶1:S11 Refl Port1    Log Mag    5.0 dB/ Ref    -0.55 dB    C  
 ▶2:S12 Rev Trans    Log Mag    10.0 dB/ Ref    0.00 dB    C



Meas1:Mkr1    810.000 MHz  
                  -18.438 dB  
 Meas2:Mkr1    810.000 MHz  
                  -2.103 dB

Center 810.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 810.0000	-18.438	1> 810.0000	-2.103
2: 838.9000	-15.641	2: 838.9000	-3.152
3: 788.8000	-15.210	3: 788.8000	-3.171
4: 844.4000	-6.537	4: 844.4000	-5.158
5: 782.5000	-9.236	5: 782.5000	-5.180
6: 710.0000	0.046	6: 710.0000	-61.038
7: 910.0000	-0.086	7: 910.0000	-37.080
8: 910.0000	-0.086		