



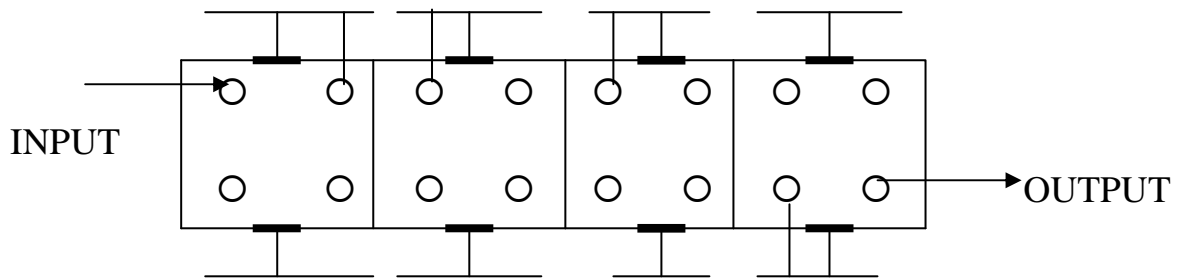
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69537A-775M
Approval No. /dated	20208032DC	Customer's Part No.	
Work Instruction No.	20208032DC	Date	2002/8/16
<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 %	775 MHz	775 MHz
Insertion Loss	Typ. 2.5 dB	1.6 dB
-1 dB Bandwidth	Typ. 47 MHz	51 MHz
-3 dB Bandwidth	Typ. 52 MHz	56 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 53 dBc
	Fo + 100 MHz	Typ. 33 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	18.3 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*7.5 7H046LB5

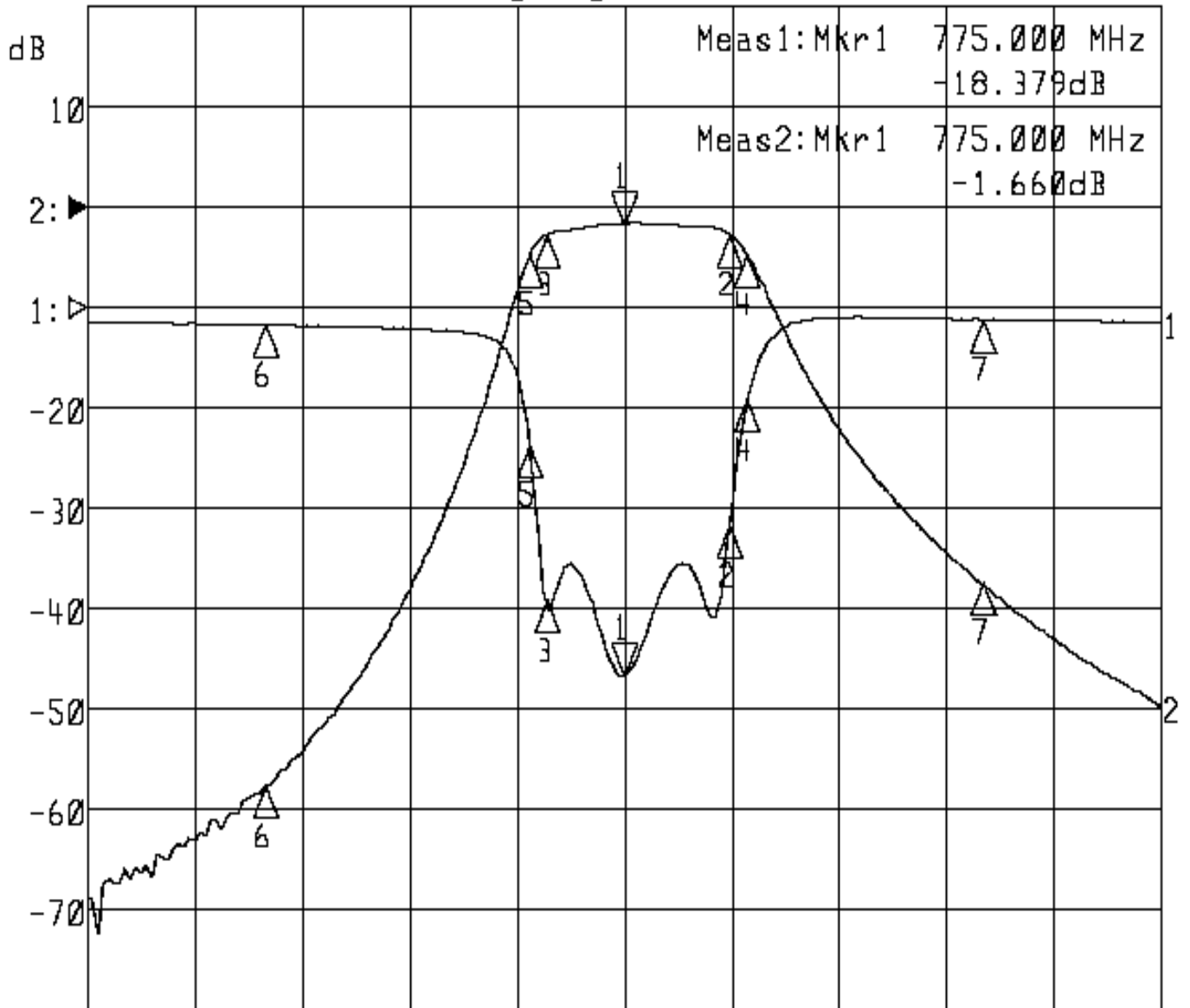
TEMWELL CORPORATION

(Form7h3aspecsheet)

Performance-TFL67537A-775M

20208032DC

▷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



Center 775.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 775.0000	-18.379	1> 775.0000	-1.660
2: 804.3000	-10.857	2: 804.3000	-2.635
3: 753.3000	-14.642	3: 753.3000	-2.717
4: 809.3000	-4.669	4: 809.3000	-4.707
5: 748.6000	-6.876	5: 748.6000	-4.742
6: 675.0000	-0.895	6: 675.0000	-57.713
7: 875.0000	-0.627	7: 875.0000	-37.606