



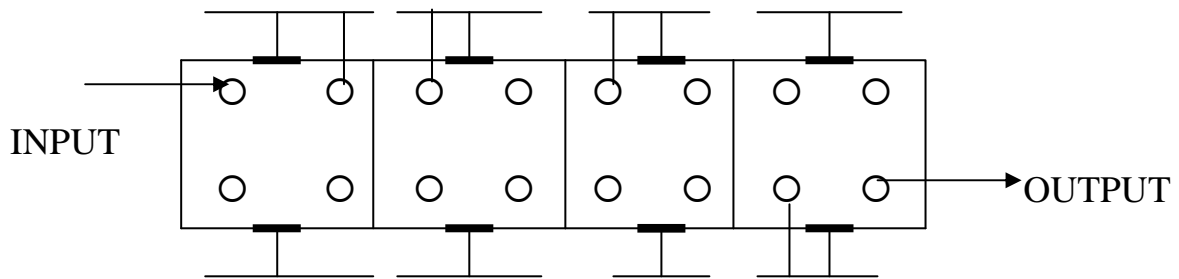
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69536A-740M
Approval No. /dated	20208031DC	Customer's Part No.	
Work Instruction No.	20208031DC	Date	2002/8/19
<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 %	740 MHz	740 MHz
Insertion Loss	Typ. 2.5 dB	1.6 dB
-1 dB Bandwidth	Typ. 43 MHz	48 MHz
-3 dB Bandwidth	Typ. 48 MHz	53 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 60 dBc
	Fo + 100 MHz	Typ. 35 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	42.3 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

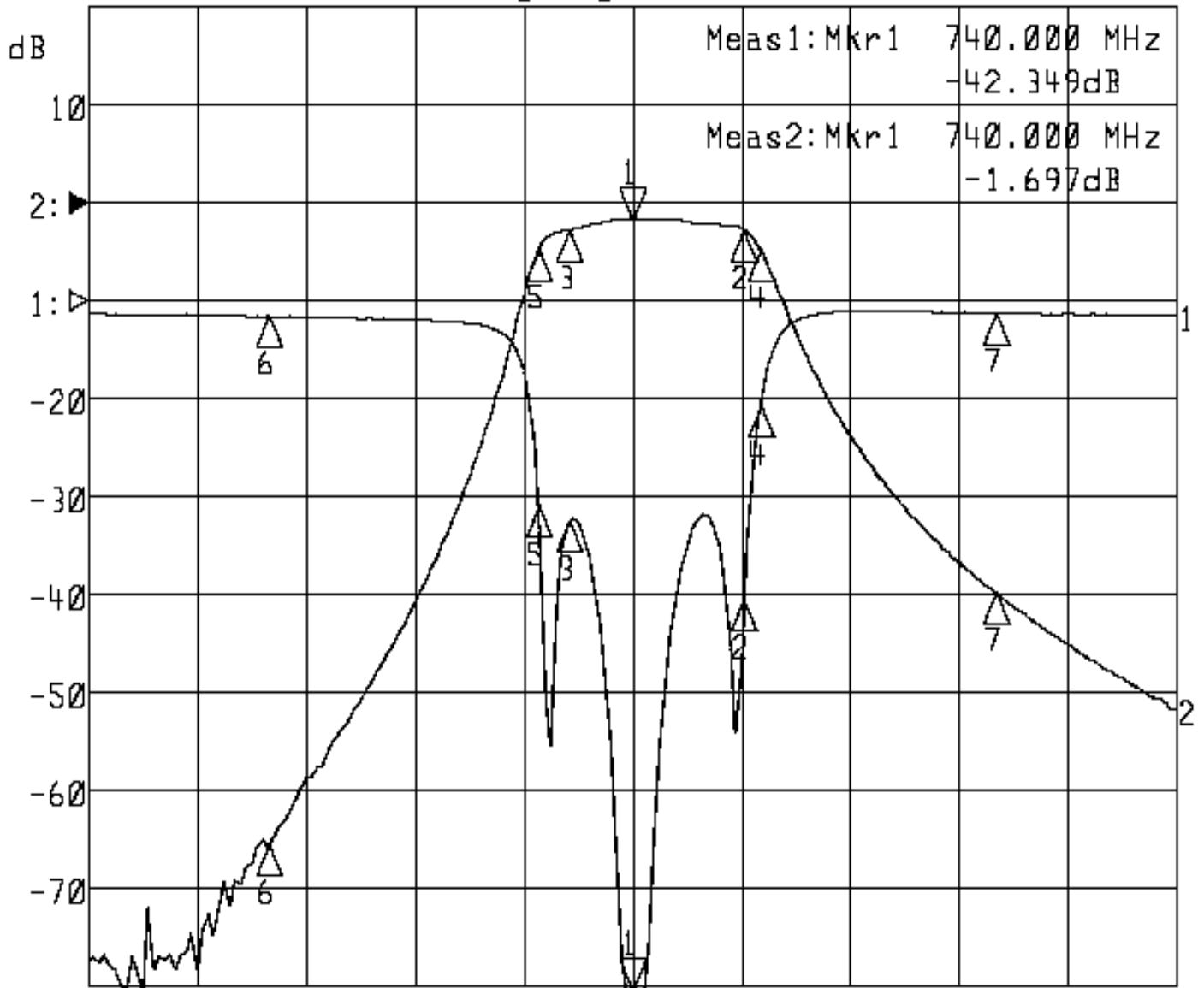
TEMWELL CORPORATION

Performance-TFL69536A-740M

20208031DC

▶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 740.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 740.0000	-42.349	1> 740.0000	-1.697
2: 770.8000	-15.272	2: 770.8000	-2.742
3: 722.7000	-11.295	3: 722.7000	-2.757
4: 775.2000	-5.322	4: 775.2000	-4.747
5: 714.1000	-10.522	5: 714.1000	-4.696
6: 640.0000	-0.812	6: 640.0000	-65.408
7: 840.0000	-0.633	7: 840.0000	-39.861