



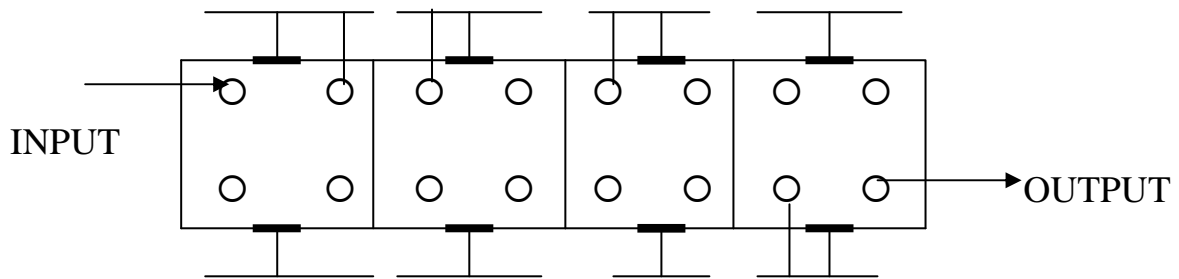
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69539A-845M
Approval No. /dated	20208034DC	Customer's Part No.	
Work Instruction No.	20208034DC	Date	2002/8/12
<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 %	845 MHz	845 MHz
Insertion Loss	Typ. 3.0 dB	1.8 dB
-1 dB Bandwidth	Typ. 38 MHz	42 MHz
-3 dB Bandwidth	Typ. 43 MHz	47 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 63 dBc
	Fo + 100 MHz	Typ. 39 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	28.6 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

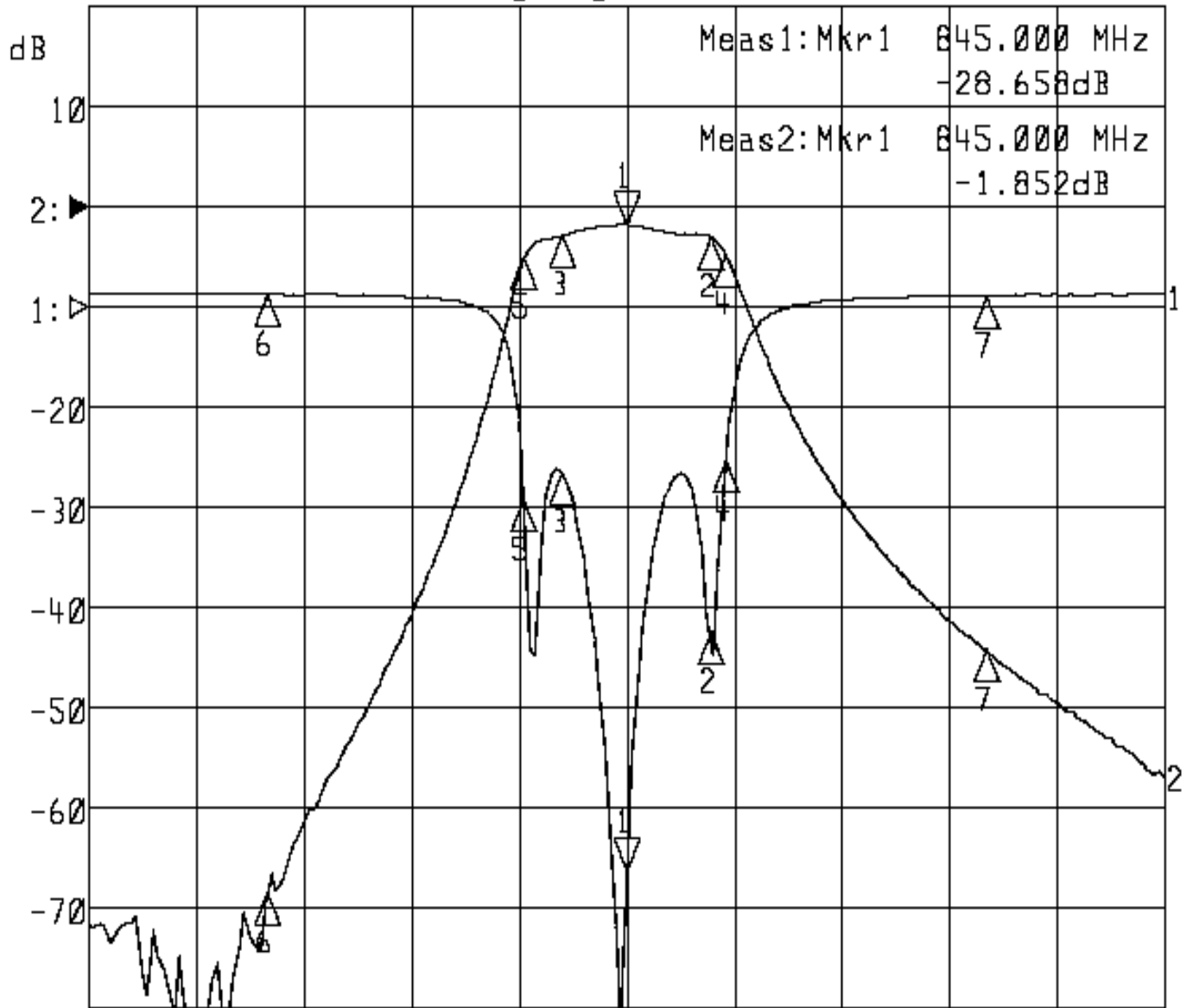
TEMWELL CORPORATION

(Form7h3aspecsheet)

Performance-TFL69539A-845M

20208034DC

▶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



Center 845.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 845.0000	-28.658	1> 845.0000	-1.852
2: 868.1000	-16.755	2: 868.1000	-2.880
3: 826.9000	-8.763	3: 826.9000	-2.869
4: 872.6000	-8.132	4: 872.6000	-4.660
5: 816.5000	-10.147	5: 816.5000	-5.063
6: 745.0000	0.066	6: 745.0000	-68.532
7: 945.0000	0.011	7: 945.0000	-44.290