



Custom Made UHF Filter & Duplexer

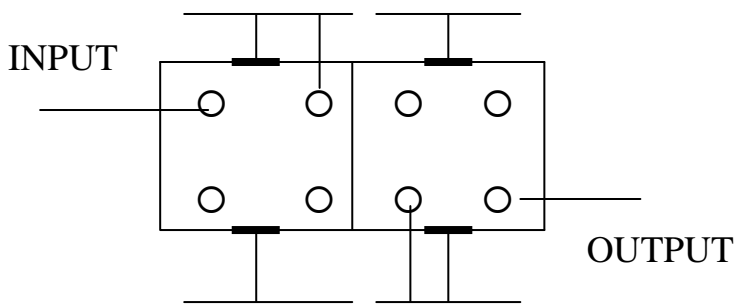
Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD6837A-640M
Approval No. /dated	980319D	Customer's Part No.	
Work Instruction No.	980319D	Date	87.03.12
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H2	Case size :	
Terminator Type	A		

* Pin Position (Pin Connection) diagram as following

(A) Type



(Bottom View)

(3) Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	640 MHz	640 MHz	
Insertion Loss	Typ. 9.5 dB	8.31 dB	
-3 dB Bandwidth	Typ. 1 MHz	5.2 MHz	
Sensentivity (Attenuation)	Fo - 50 MHz	Typ. 41 dBc	44 dBc
	Fo + 50 MHz	Typ. 39 dBc	42 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19.3 dB	
Ripple	< 1 dB	1 dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

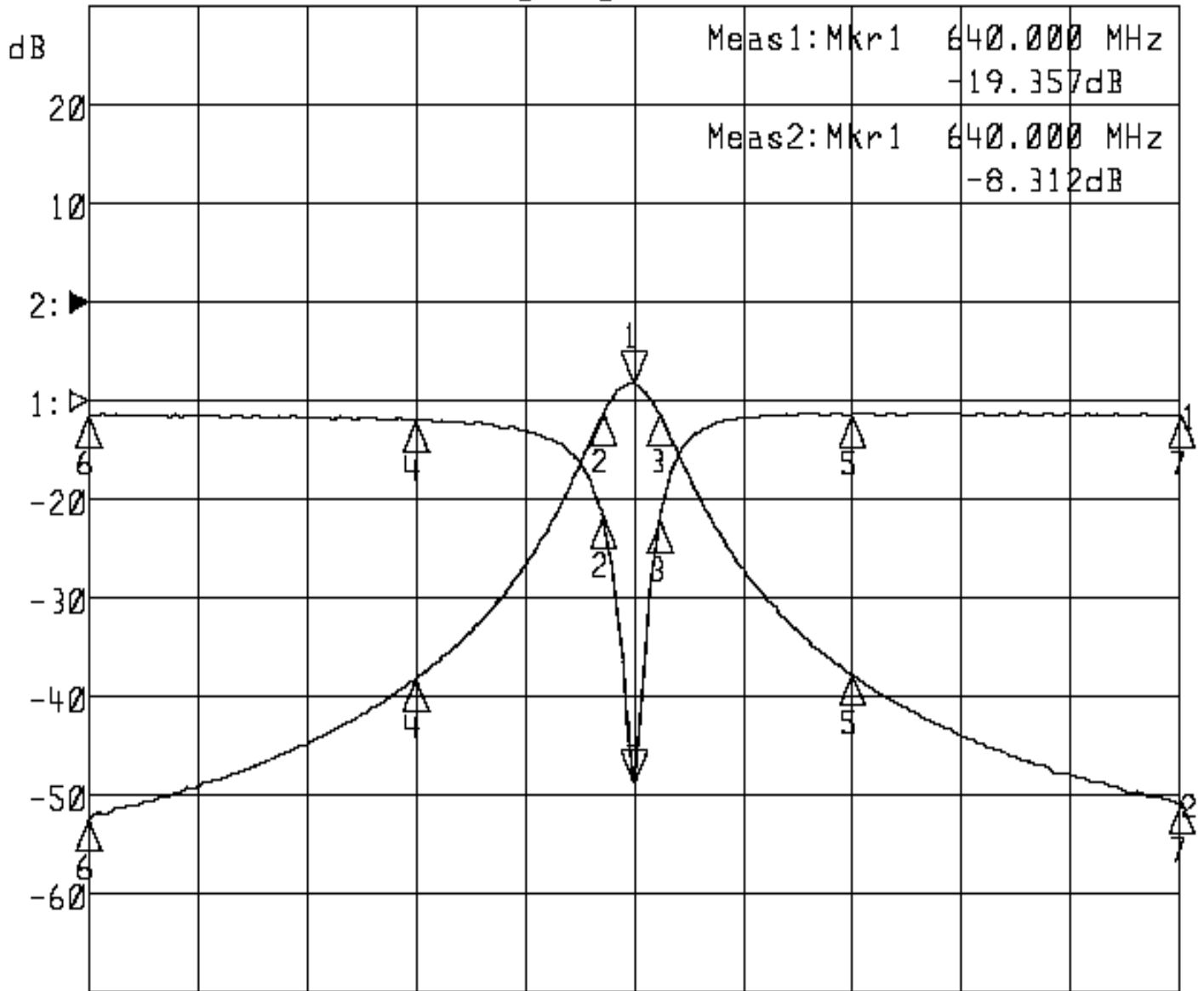
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2A(4*4.5) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance- TD6837A-640M

980319D

▷1:S22 Ref1 Port2 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 640.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 640.0000	-19.357	1> 640.0000	-8.312
2: 637.1333	-5.926	2: 637.1333	-11.369
3: 642.3667	-6.068	3: 642.3667	-11.355
4: 620.0000	-0.977	4: 620.0000	-38.213
5: 660.0000	-0.698	5: 660.0000	-37.819
6: 590.0000	-0.749	6: 590.0000	-52.591
7: 690.0000	-0.703	7: 690.0000	-50.814