



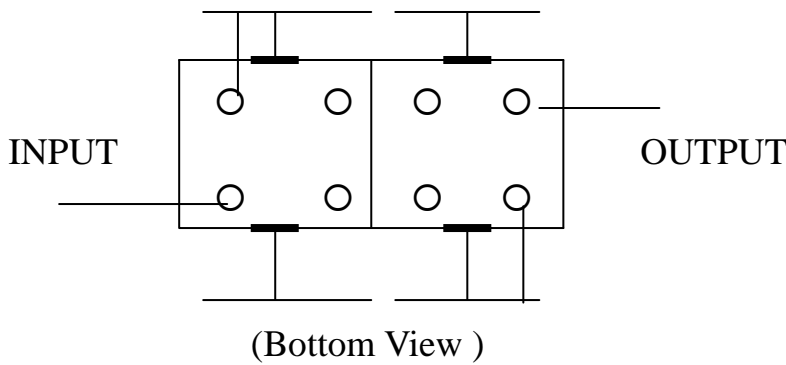
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67253D-680M
Approval No. /dated	9804100	Customer's Part No.	
Work Instruction No.	9804100	Date	87.4.30
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H2	Case size :	
Terminator Type	D		

* Pin Position (Pin Connection) diagram as following
(D) Type



(3) Electric Charasteric

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	680 MHz	680 MHz
Insertion Loss	Typ. 2.5 dB	1.61 dB
<input type="checkbox"/> -3 dB Bandwidth	Typ. 15 MHz	20.2 MHz
Sensentivity (Attenuation)	Fo - (50)MHz	Typ. 20 dBc
	Fo +(50)MHz	Typ. 19 dBc
		Typ. dBc
		Typ. dBc
Return Loss	Min. 12 dB	22.2 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

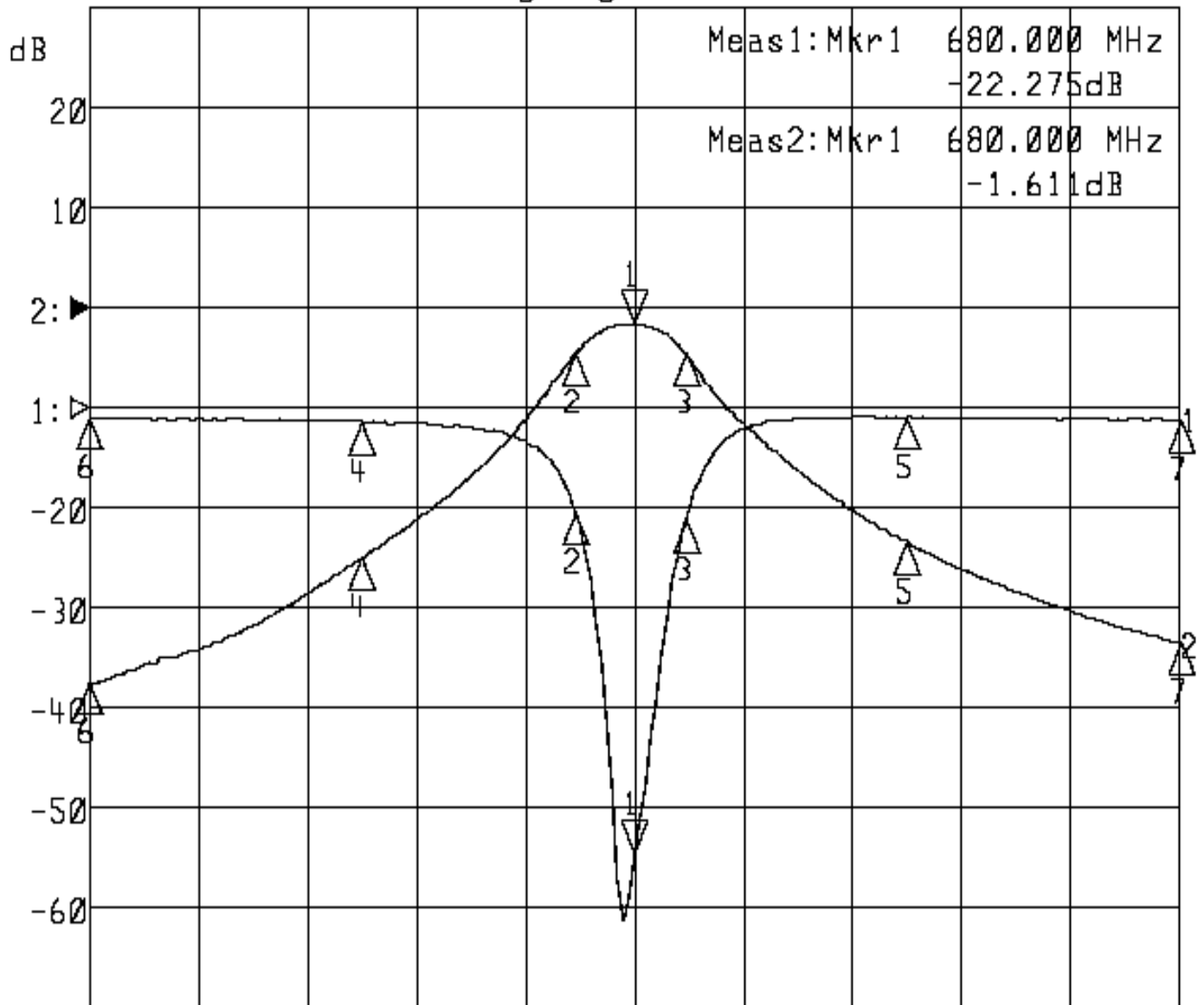
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2(4*4.65) 7H046LB4

TEMWELL CORPORATION

Performance- TD67253D-680M

9804100

▷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



Meas1: Mkr1 680.000 MHz
 -22.275dB
 Meas2: Mkr1 680.000 MHz
 -1.611dB

Center 680.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1 > 680.0000	-22.275	1 > 680.0000	-1.611
2: 669.2667	-5.202	2: 669.2667	-4.532
3: 689.4000	-5.614	3: 689.4000	-4.587
4: 630.0000	-0.702	4: 630.0000	-25.039
5: 730.0000	-0.480	5: 730.0000	-23.376
6: 580.0000	-0.555	6: 580.0000	-37.606
7: 780.0000	-0.630	7: 780.0000	-33.604