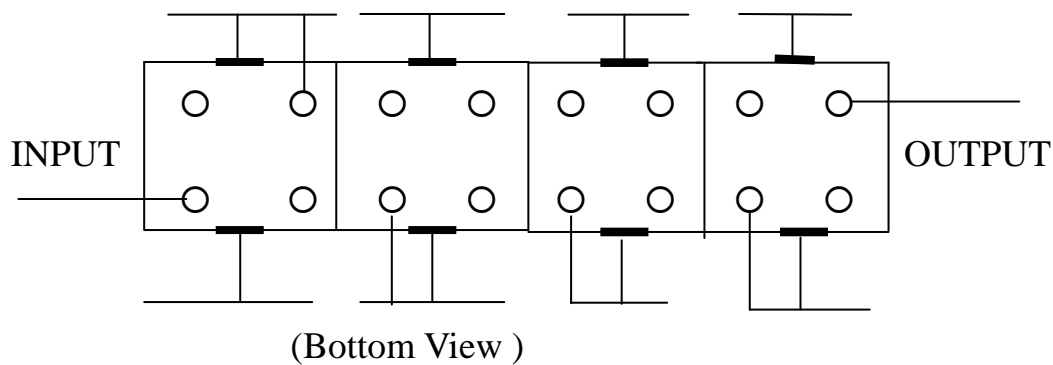


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69616F-790M
Approval No. /dated	20208086DC	Customer's Part No.	
Work Instruction No.	20208086DC	Date	2002/9/2
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4S	Case size : (mm)	
Terminator Type	F		

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



(3) Electric Character

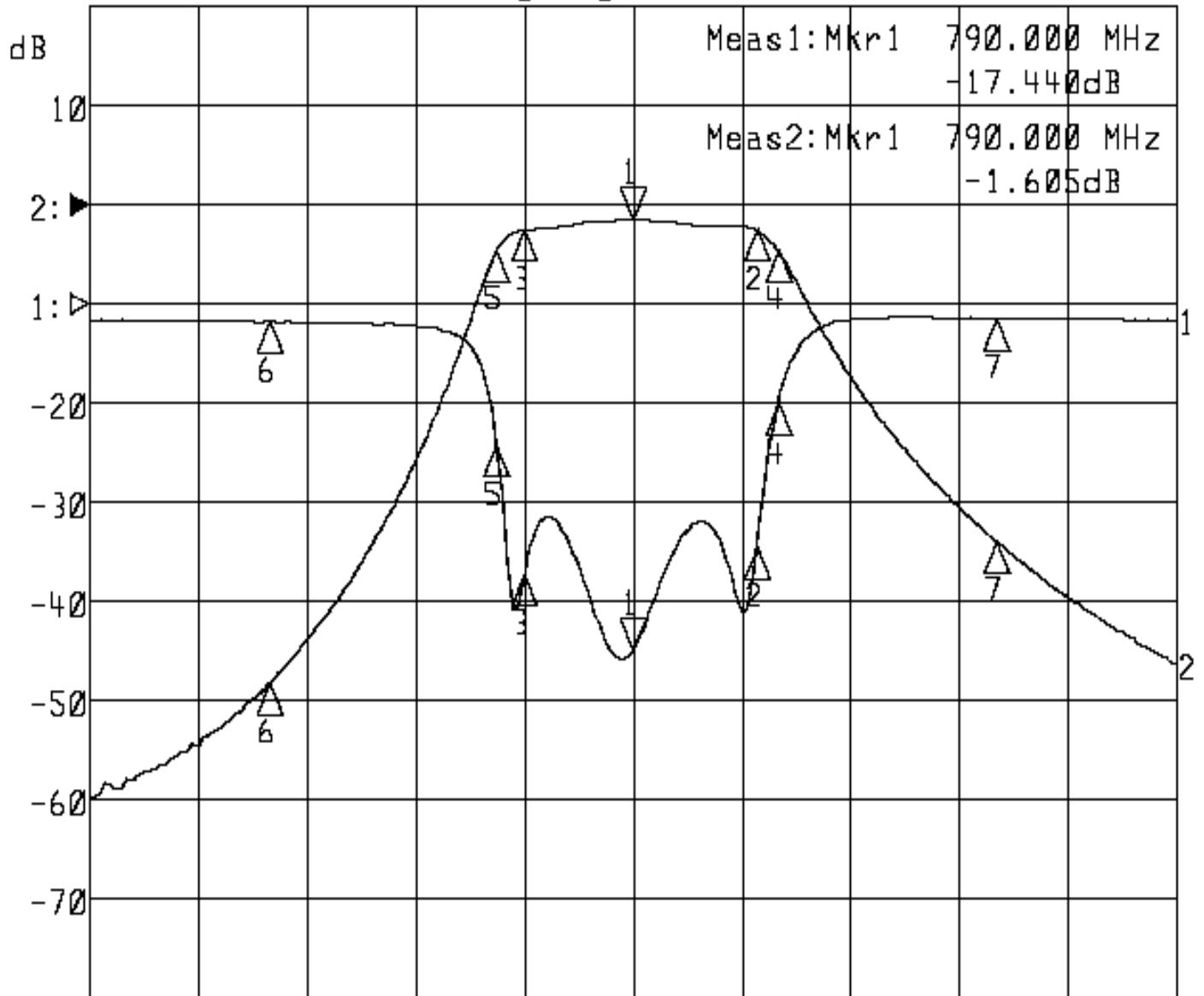
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	790 MHz	790 MHz
Insertion Loss	Typ. 2.5 dB	1.6 dB
-1 dB Bandwidth	Typ. 60 MHz	64 MHz
-3 dB Bandwidth	Typ. 65 MHz	69 MHz
Sensitivity (Attenuation)	Fo- 100 MHz	Typ. 43 dBc 46 dBc
	Fo+ 100 MHz	Typ. 29 dBc 32 dBc
	Fo- () MHz	Typ. dBc dBc
	Fo+ () MHz	Typ. dBc dBc
Return Loss	Min. 12 dB	17.4 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	7H4S4*5.5 7H046LB6
TEMWELL CORPORATION			

Performance-TFL69616F-790M

20208086DC

▷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 790.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 790.0000	-17.440	1> 790.0000	-1.605
2: 824.0000	-12.252	2: 824.0000	-2.553
3: 760.1000	-13.595	3: 760.1000	-2.557
4: 829.9000	-5.052	4: 829.9000	-4.601
5: 752.5000	-7.084	5: 752.5000	-4.549
6: 690.0000	-0.925	6: 690.0000	-48.200
7: 890.0000	-0.750	7: 890.0000	-33.918