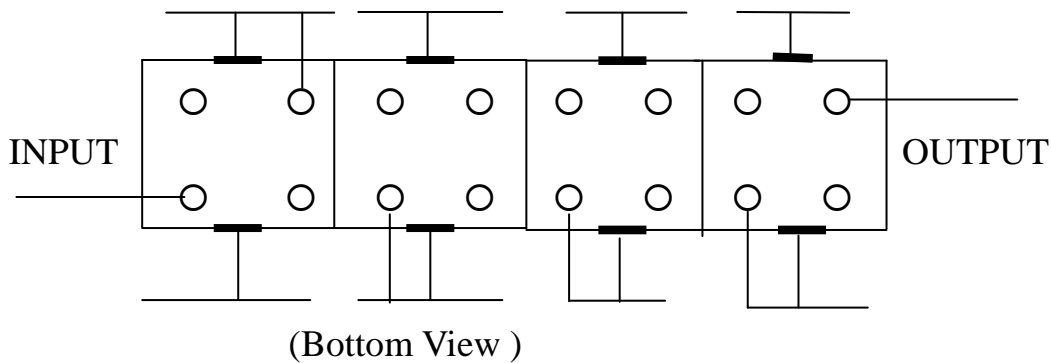


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69615F-730M
Approval No. /dated	20208085DC	Customer's Part No.	
Work Instruction No.	20208085DC	Date	2002.09.02
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4	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 %	730 MHz	730 MHz
Insertion Loss	Typ. 2.0 dB	1.2 dB
-1 dB Bandwidth	Typ. 63 MHz	67 MHz
-3 dB Bandwidth	Typ. 68 MHz	72 MHz
Sensitivity (Attenuation)	Fo- 150 MHz	Typ. 81 dBc
	Fo+ 150 MHz	Typ. 41 dBc
	Fo- () MHz	Typ. dBc
	Fo+ () MHz	Typ. dBc
Return Loss	Min. 12 dB	15.1 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75 Ω	In / Out : 75 Ω

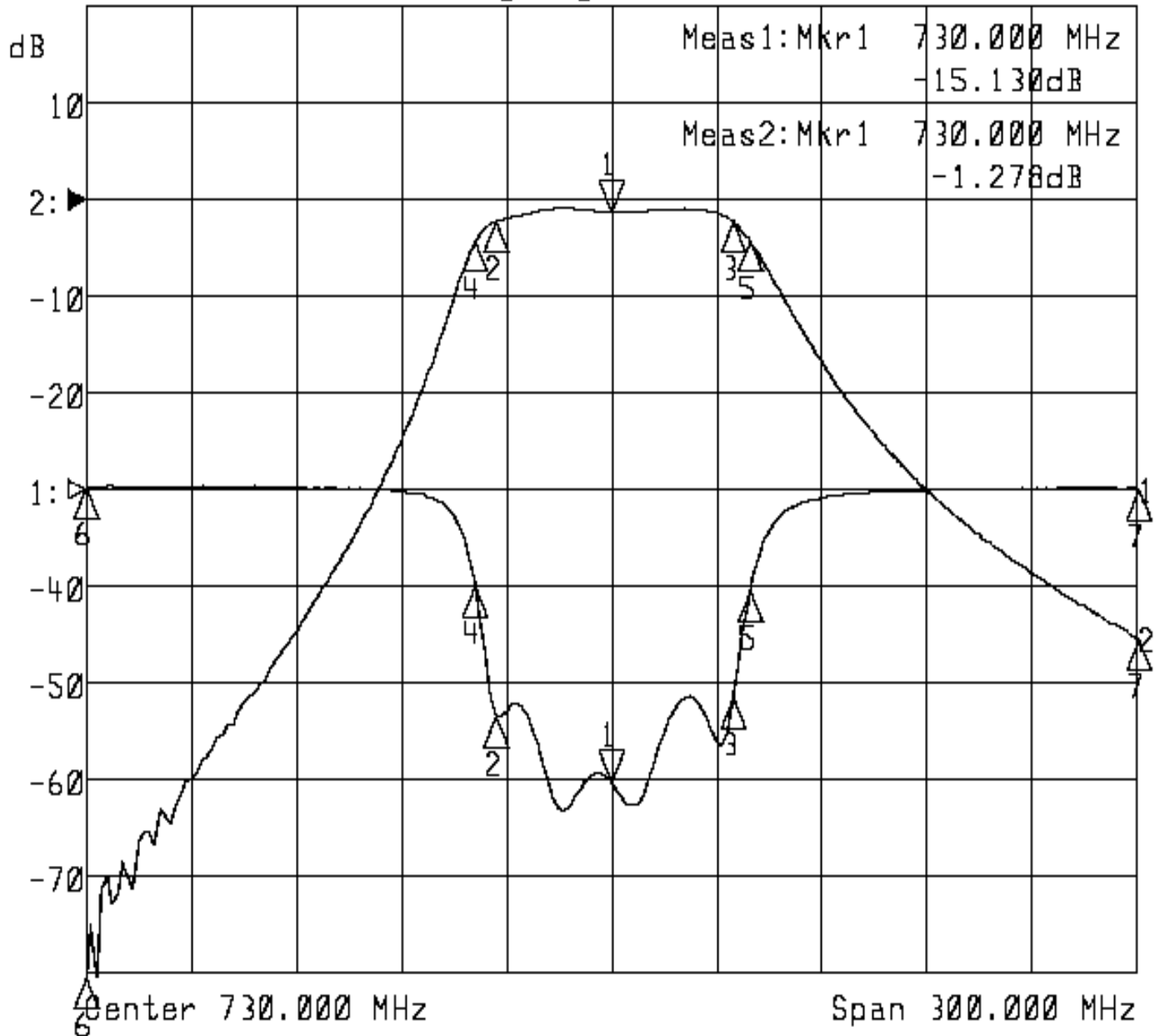
Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	C.S.Chang	7H4S(4*5.5) 7H046LB6

TEMWELL CORPORATION

Performance-TFL69615F-730M

20208085DC

▶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?



1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 730.0000	-15.130	1> 730.0000	-1.278
2: 697.2000	-11.712	2: 697.2000	-2.208
3: 764.7000	-10.808	3: 764.7000	-2.227
4: 691.2000	-4.997	4: 691.2000	-4.275
5: 769.6000	-5.238	5: 769.6000	-4.249
6: 580.0000	0.093	6: 580.0000	-85.629
7: 880.0000	0.053	7: 880.0000	-45.382