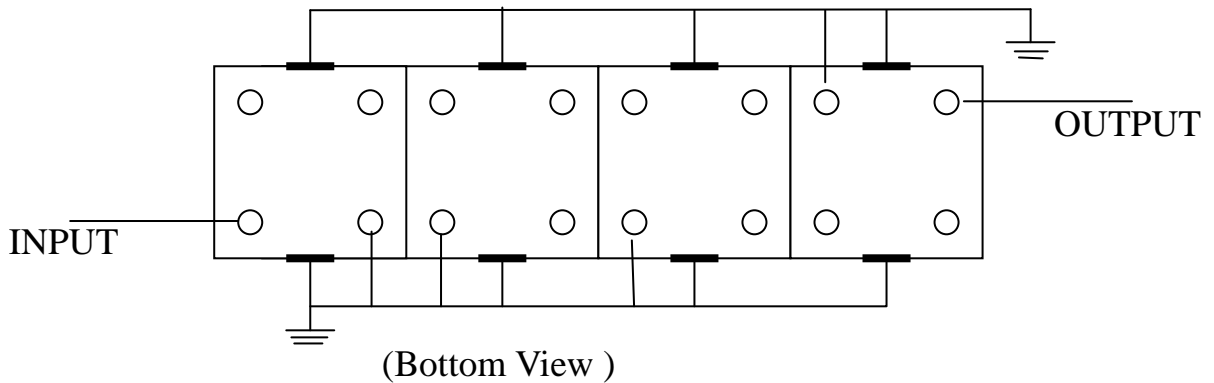


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69611B-490M
Approval No. /dated	20208081DC	Customer's Part No.	
Work Instruction No.	20208081DC	Date	2002/09/02
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4S	Case size : (mm)	
Terminator Type	B		

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



(3) Electric Character

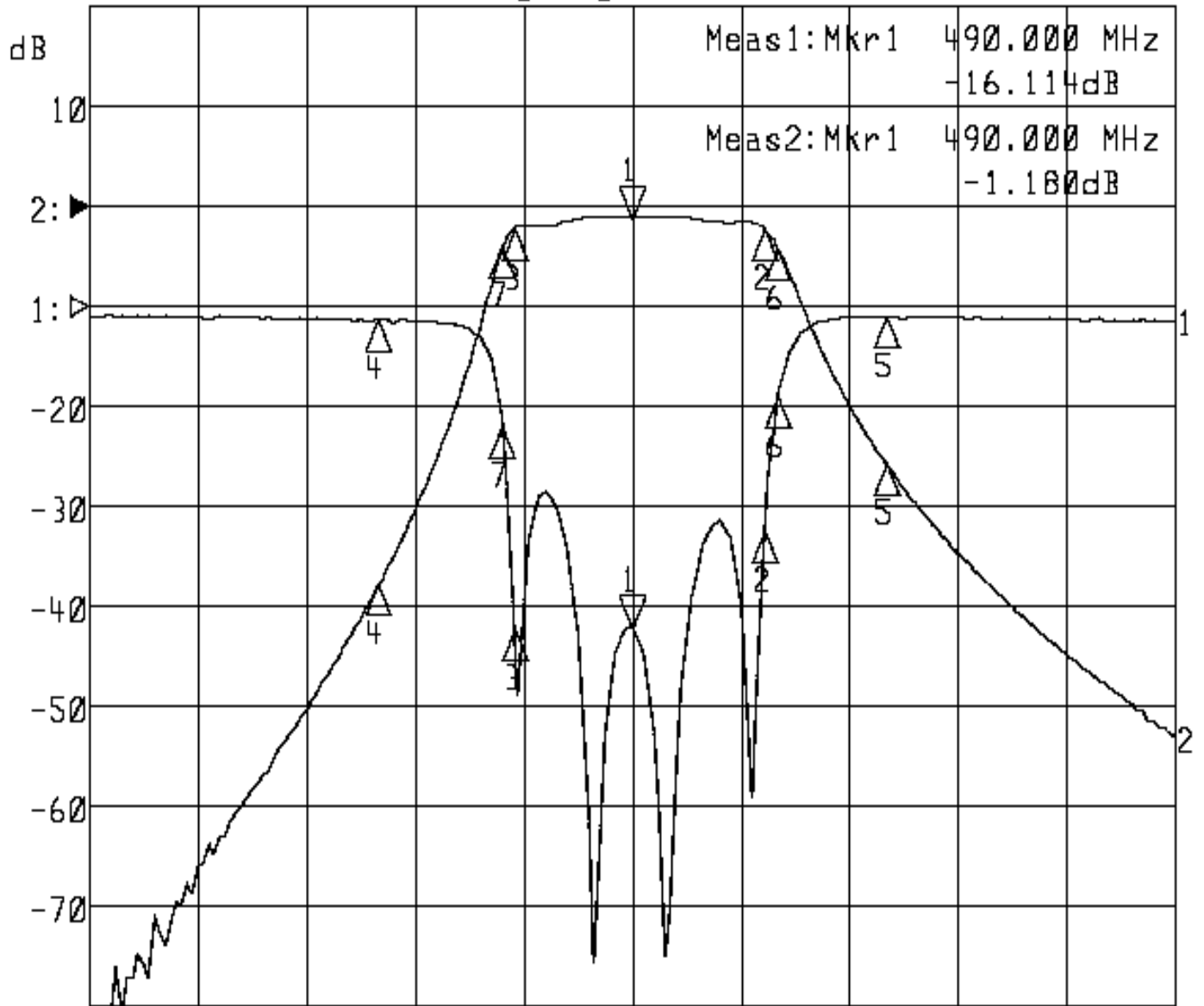
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	490 MHz	490 MHz
Insertion Loss	Typ . 2.0 dB	1.2 dB
-1 dB Bandwidth	Typ. 67 MHz	69 MHz
-3 dB Bandwidth	Typ. 72 MHz	74 MHz
Sensitivity (Attenuation)	Fo - 70 MHz	Typ. 34 dBc
	Fo + 70 MHz	Typ. 21 dBc
	Fo MHz	Typ. dBc
	Fo MHz	Typ. dBc
Return Loss	Min. 12 dB	16.1 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*7.5) 7H046LB6

Performance-TFL69611B-490M

20208081DC

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
 ▶2:S12 Rev Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Meas1:Mkr1 490.000 MHz
 -16.114dB
 Meas2:Mkr1 490.000 MHz
 -1.180dB

Center 490.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 490.0000	-16.114	1> 490.0000	-1.180
2: 526.4800	-11.220	2: 526.4800	-2.145
3: 457.4800	-16.168	3: 457.4800	-2.163
4: 420.0000	-0.667	4: 420.0000	-37.844
5: 560.0000	-0.540	5: 560.0000	-25.653
6: 530.3000	-4.466	6: 530.3000	-4.142
7: 454.2000	-6.045	7: 454.2000	-4.115