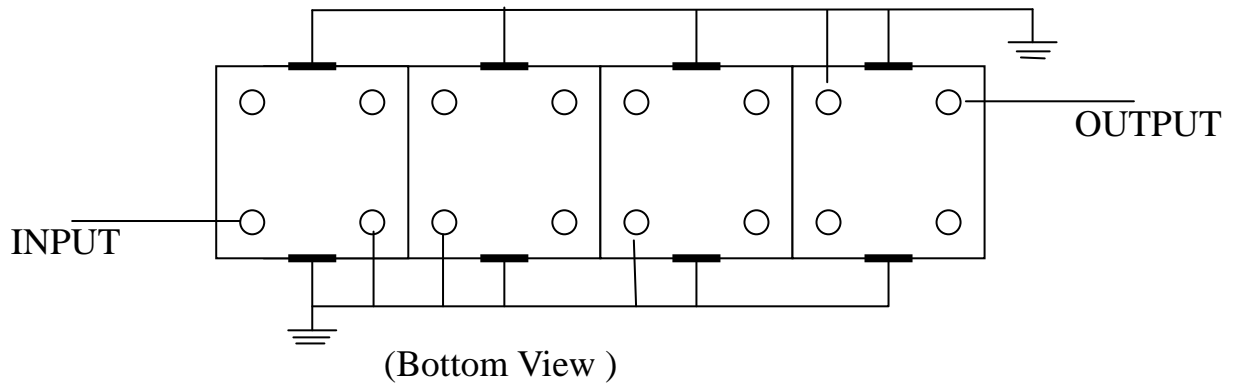


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69606B-500M
Approval No. /dated	20208070DC	Customer's Part No.	
Work Instruction No.	20208070DC	Date	2002/08/21
<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

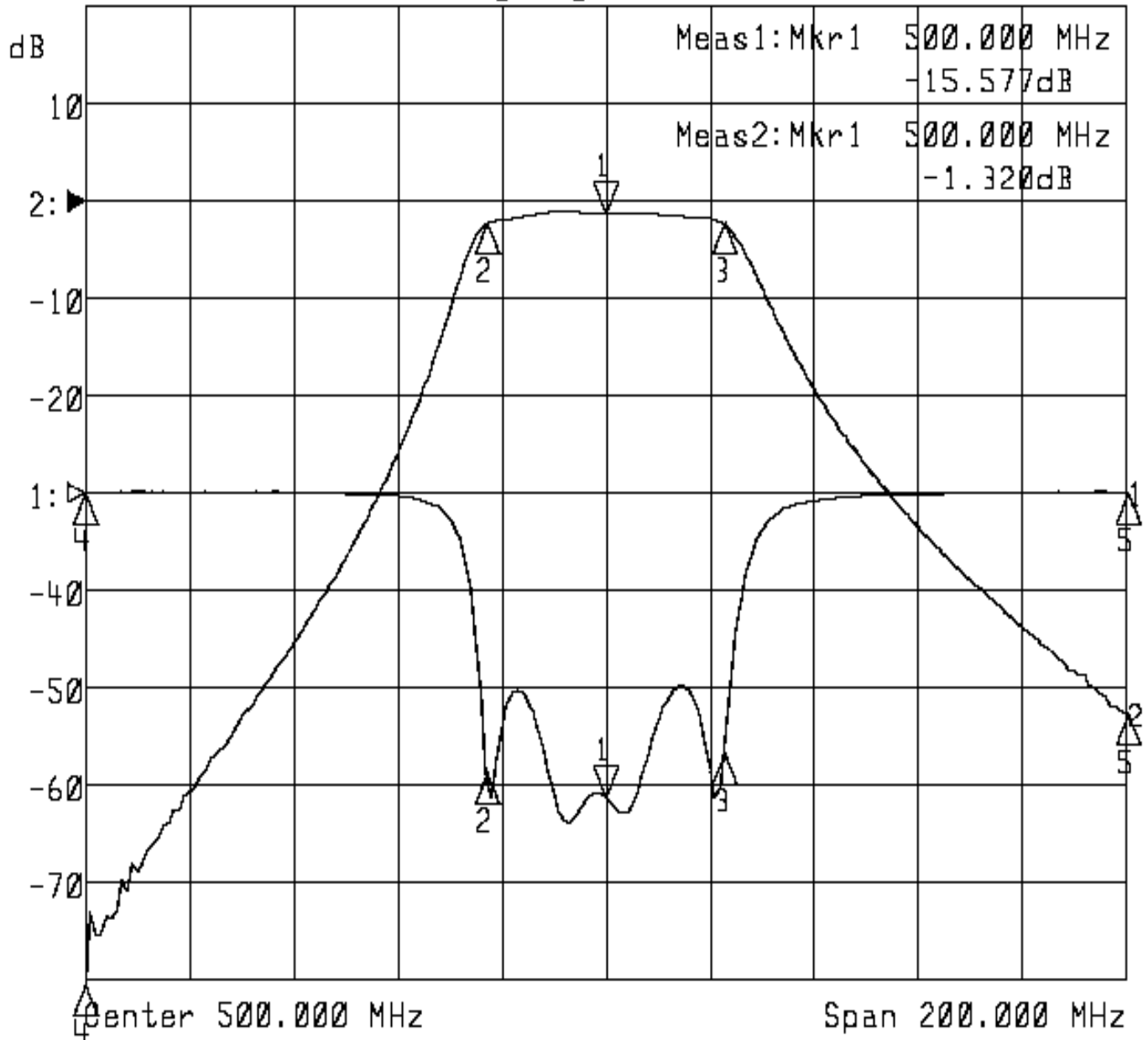
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	500 MHz	500 MHz
Insertion Loss	Typ. 2.0 dB	1.3 dB
-1 dB Bandwidth	Typ. 42 MHz	45 MHz
-3 dB Bandwidth	Typ. 47 MHz	50 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 77 dBc
	Fo + 100 MHz	Typ. 48 dBc
	Fo MHz	Typ. dBc
	Fo MHz	Typ. dBc
Return Loss	Min. 12 dB	15.5 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	C.S.Chang	7H4S(4*7.5) 7H046LB5

Performance-TFL69606B-500M

20208070DC

▷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> 500.0000	-15.577	1> 500.0000	-1.320
2: 477.0667	-14.403	2: 477.0667	-2.324
3: 522.6667	-13.344	3: 522.6667	-2.335
4: 400.0000	0.051	4: 400.0000	-81.396
5: 600.0000	0.052	5: 600.0000	-52.742