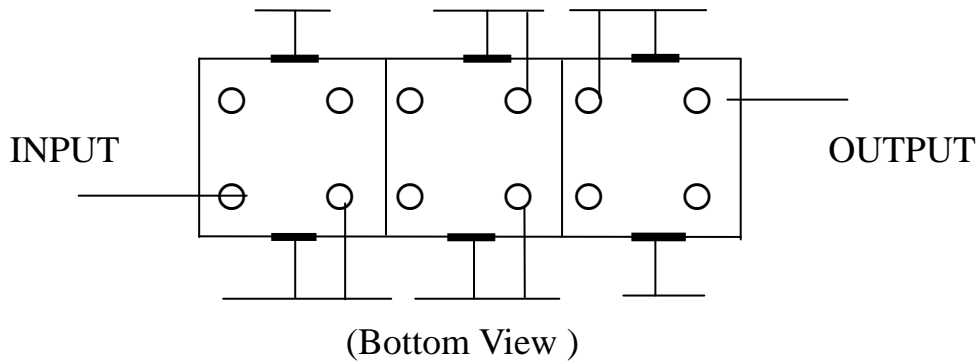


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TT67157TB-415M
Approval No. /dated	20109034B	Acceptable Specify Fo Range	401~455MHz
Work Instruction No.	20109034B	Date	2001.10.02

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



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	415 MHz	415 MHz
Insertion Loss	Typ. 3.0 dB	2.0 dB
-3 dB Bandwidth	Typ. 15 MHz	18 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 52 dBc
	Fo +50 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 : 50 Ω	In / Out : 50 Ω
Input Power	>1Watt	

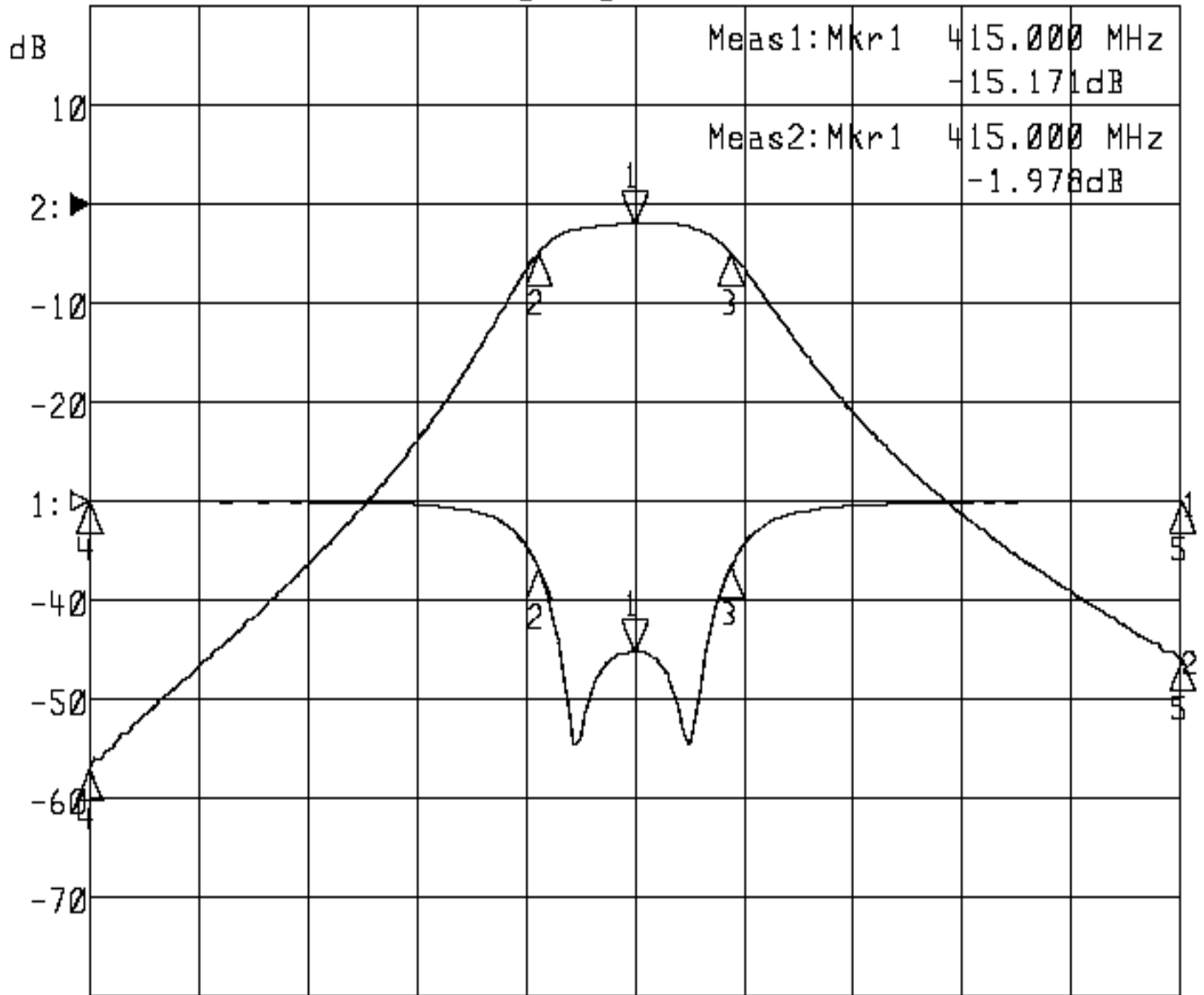
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S,4*6.5 7H046LB4 聚 3

TEMWELL CORPORATION

Performance- TT67157TB-415M

20109034B

▷1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C
▼2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 415.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 415.0000	-15.171	1> 415.0000	-1.978
2: 406.1333	-6.710	2: 406.1333	-4.969
3: 423.8667	-6.531	3: 423.8667	-4.981
4: 365.0000	-0.031	4: 365.0000	-57.071
5: 465.0000	-0.095	5: 465.0000	-46.002