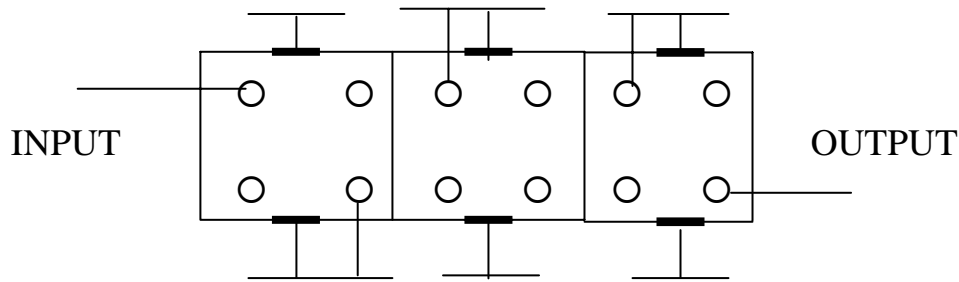


# VHF UHF Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TTW3539E-1472M
Approval No. /dated	20306012C	Customer's Part No.	
Work Instruction No.	20306012C	Date	June,11,2003
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5W3S	Case size : ( mm)	
Terminator Type	E		

\* Pin Position (Pin Connection) diagram as following  
( E ) Type



(Bottom View )

(3) Electric Character

Item	Specify
Center Freq.(Fo ) +/- 0.5 %	1472 MHz
Insertion Loss	Typ. 4.5 dB
- 1dB Bandwidth	Typ. 21 MHz
- 3dB Bandwidth	Typ. 26 MHz
Sensitivity (Attenuation )	Fo - 100 MHz Typ. 42 dBc
	Fo +100 MHz Typ. 32 dBc
	Fo - ( )MHz Typ. dBc
	Fo +( )MHz Typ. dBc
Return Loss	Min. 12 dB
Ripple	< 1 dB
Group Delay	ns
Impedance	In / Out : 50 Ω

4. Temperature Condition:

Operating Temperature	0 ~ +60
Storage Temperature	-20 ~ +70

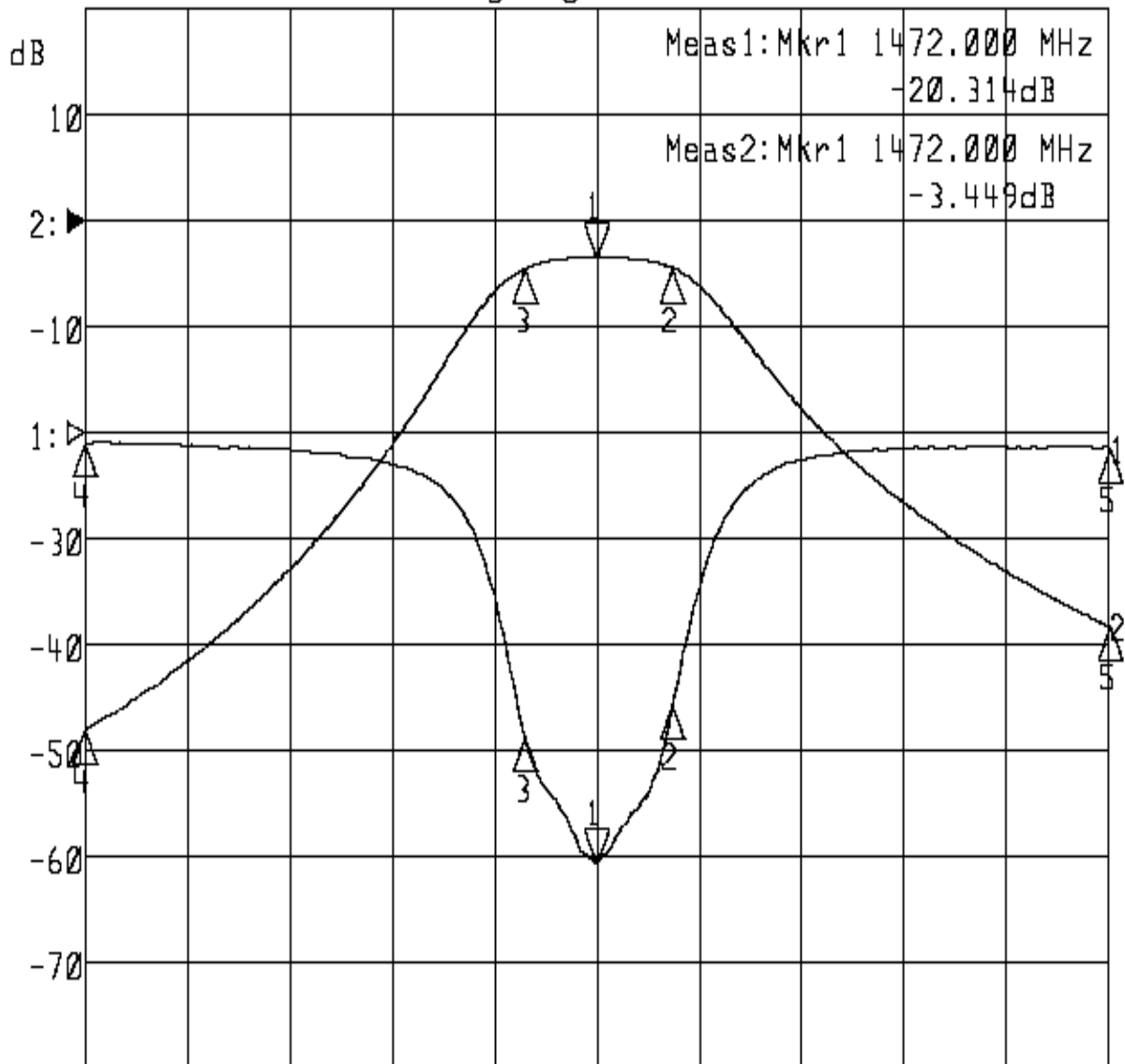
Approval	Supervisor	Designer	Aperture size
	C.S.Chang	Enlan	5W3S,3.8*3.5(3.58) 5HW024RB3

TEMWELL CORPORATION

# Performance- TTW3539E-1472M

## 20306012C

►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 1 472.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1472.0000	-20.314	1> 1472.0000	-3.449
2: 1486.8667	-12.885	2: 1486.8667	-4.428
3: 1458.0000	-14.409	3: 1458.0000	-4.468
4: 1372.0000	-0.463	4: 1372.0000	-48.103
5: 1572.0000	-0.689	5: 1572.0000	-38.219