

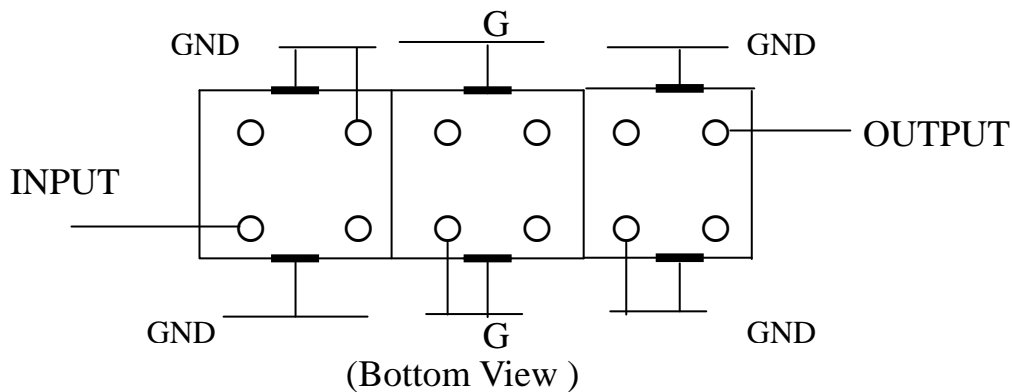
# VHF UHF Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TTWL3479F-614M
Approval No. /dated	20309041DB	Customer's Part No.	
Work Instruction No.	20309041DB	Date	Oct.01.2003
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5W3S	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 %	614 MHz	614 MHz
Insertion Loss	Typ. 2.0 dB	1.2 dB
-1 dB Bandwidth	Typ. 35 MHz	39 MHz
Sensitivity (Attenuation )	Fo - 70 MHz	Typ. 28 dBc
	Fo + 70 MHz	Typ. 25 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 15 dB	25 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 75 Ω	In / Out : 75 Ω

### 4. Temperature Condition:

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

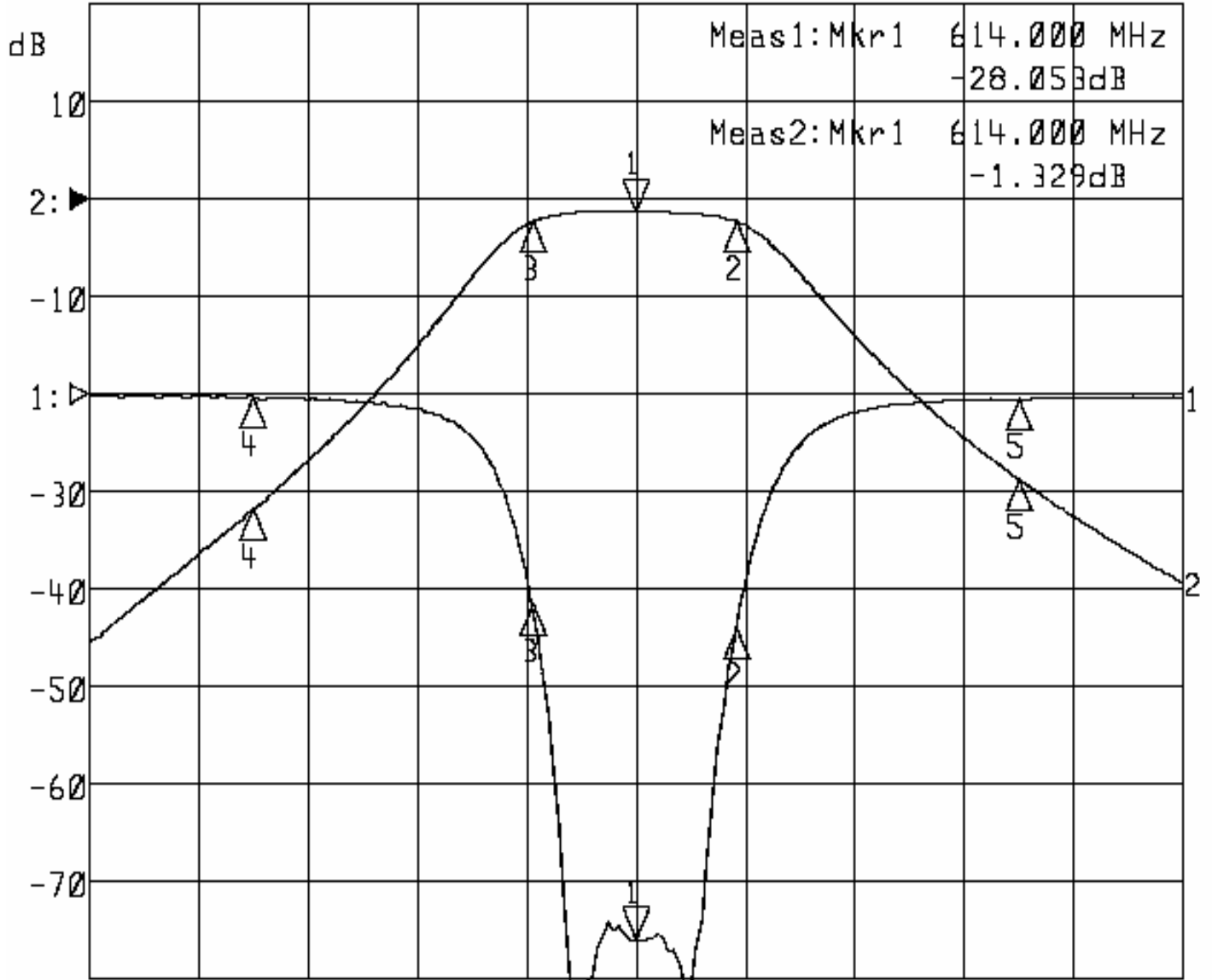
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	J.F.Lin	5w3s,3.8*5.1 5HW046RB3.2

TEMWELL CORPORATION

# Performance- TTWL3479F-614M

**20309041DB**

▽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 614.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 614.0000	-28.053	1> 614.0000	-1.329
2: 632.3400	-11.978	2: 632.3400	-2.338
3: 595.0400	-10.773	3: 595.0400	-2.358
4: 544.0000	-0.157	4: 544.0000	-31.786
5: 684.0000	-0.239	5: 684.0000	-28.724