



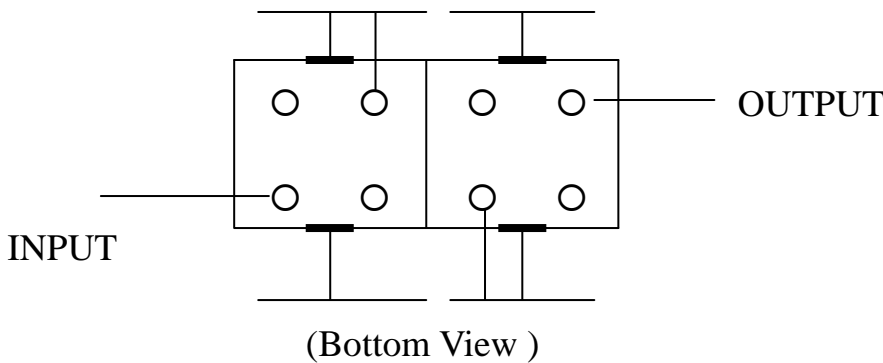
Custom Made UHF Filter & Duplexer

# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TDWL2473F-614M
Approval No. /dated	20204075DC	Customer's Part No.	
Work Instruction No.	20204075DC	Date	2002.05.03
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5W2	Case size :	
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. 2.5 dB	1.8 dB	
-3 dB Bandwidth	Typ. 35 MHz	36 MHz	
Sensitivity (Attenuation )	Fo - 70 MHz	Typ. 17 dBc	19 dBc
	Fo + 70 MHz	Typ. 30 dBc	33 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	18 dB	
Ripple	< 1 dB	dB	
Group Delay	ns	ns	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	

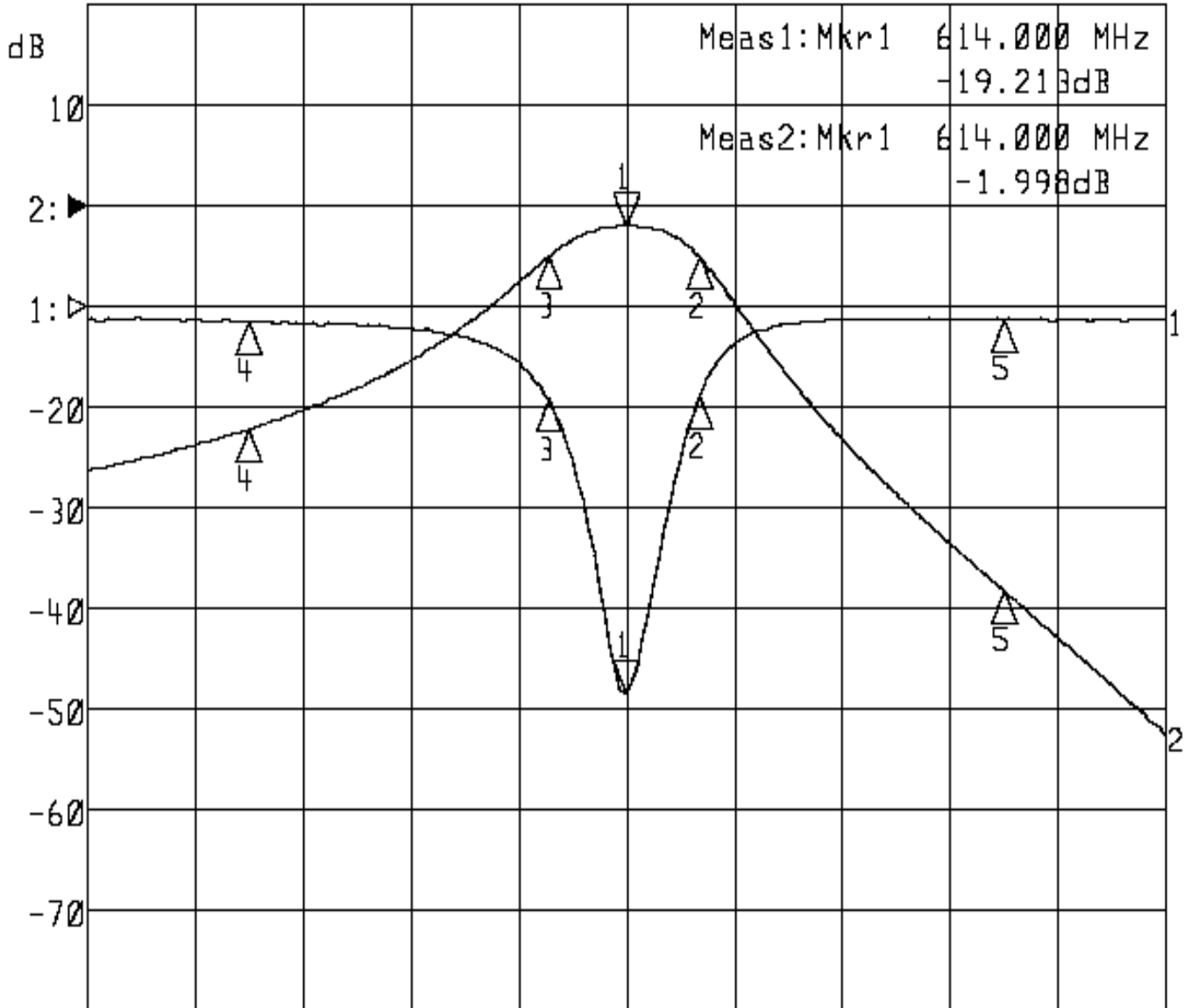
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	3.8*4.2 5HW024RB3
TEMWELL CORPORATION		駿凱電技股份有限公司	

# Performance-TDWL2473F-614M

## 20204075DC

▶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	-19.213	1> 614.0000	-1.998
2: 627.5667	-4.455	2: 627.5667	-5.070
3: 599.5333	-4.610	3: 599.5333	-5.068
4: 544.0000	-0.786	4: 544.0000	-22.230
5: 684.0000	-0.655	5: 684.0000	-38.246