



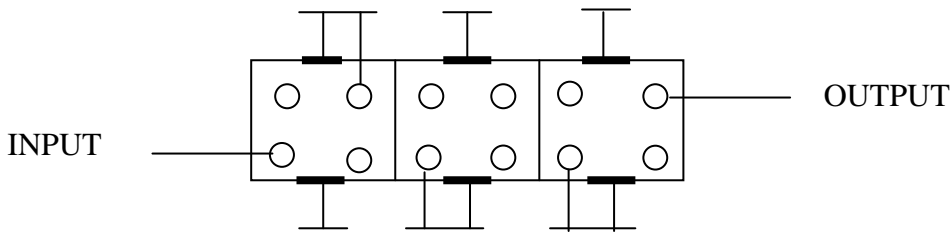
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TTWL3477F-614M
Approval No. /dated	20111152DC	Customer's Part No.	
Work Instruction No.	20111152DC	Date	2002.01.10
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5W3	Case size : (mm)	
Terminator Type	F		

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



(Bottom View)

(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	614 MHz	614 MHz	
Insertion Loss	Typ. 4.5 dB	3.2 dB	
-3 dB Bandwidth	Typ. 20 MHz	20 MHz	
Sensitivity (Attenuation)	Fo - 70 MHz	Typ. 43 dBc	45 dBc
	Fo + 70 MHz	Typ. 47 dBc	49 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20 dB	
Ripple	< 1 dB	dB	
Group Delay	ns	ns	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	

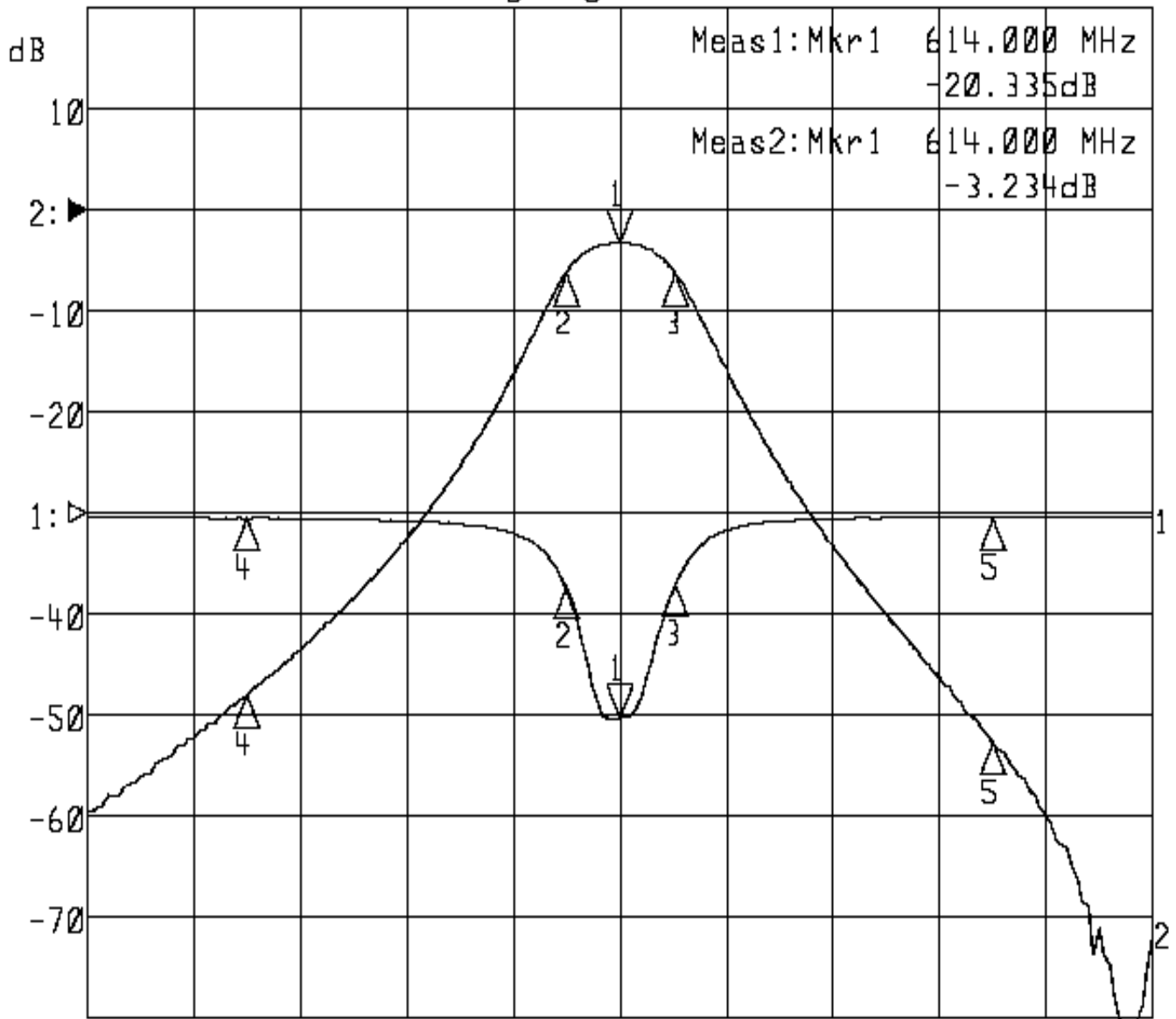
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5W3,3.8*3.7 5HW024RB3
TEMWELL CORPORATION		駿凱電技股份有限公司	

Performance-TTL3477F-614M

2011152DC

▶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 614.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 614.0000	-20.335	1> 614.0000	-3.234
2: 603.8667	-7.332	2: 603.8667	-6.310
3: 624.4667	-7.103	3: 624.4667	-6.273
4: 544.0000	-0.568	4: 544.0000	-48.122
5: 684.0000	-0.417	5: 684.0000	-52.764